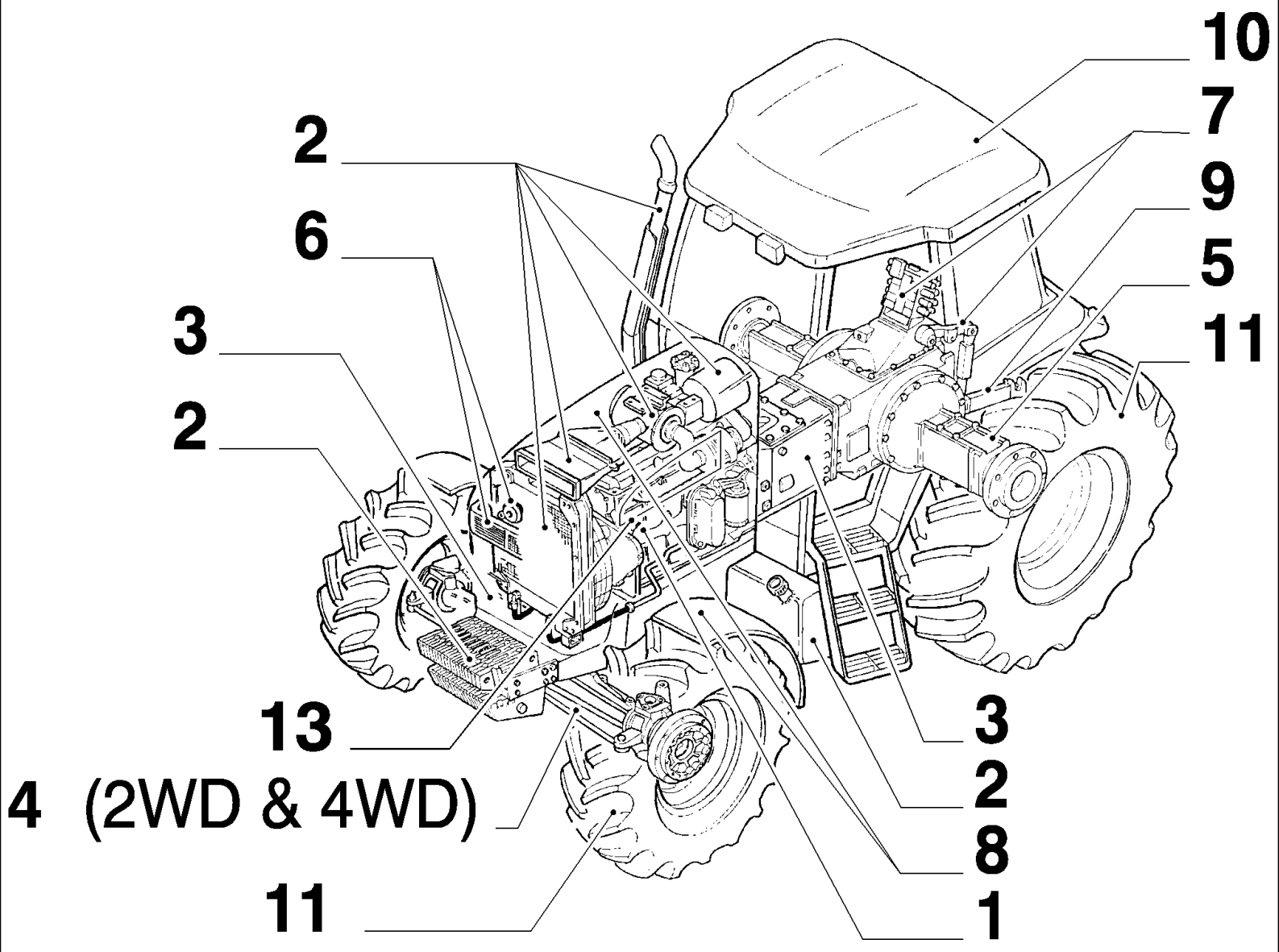
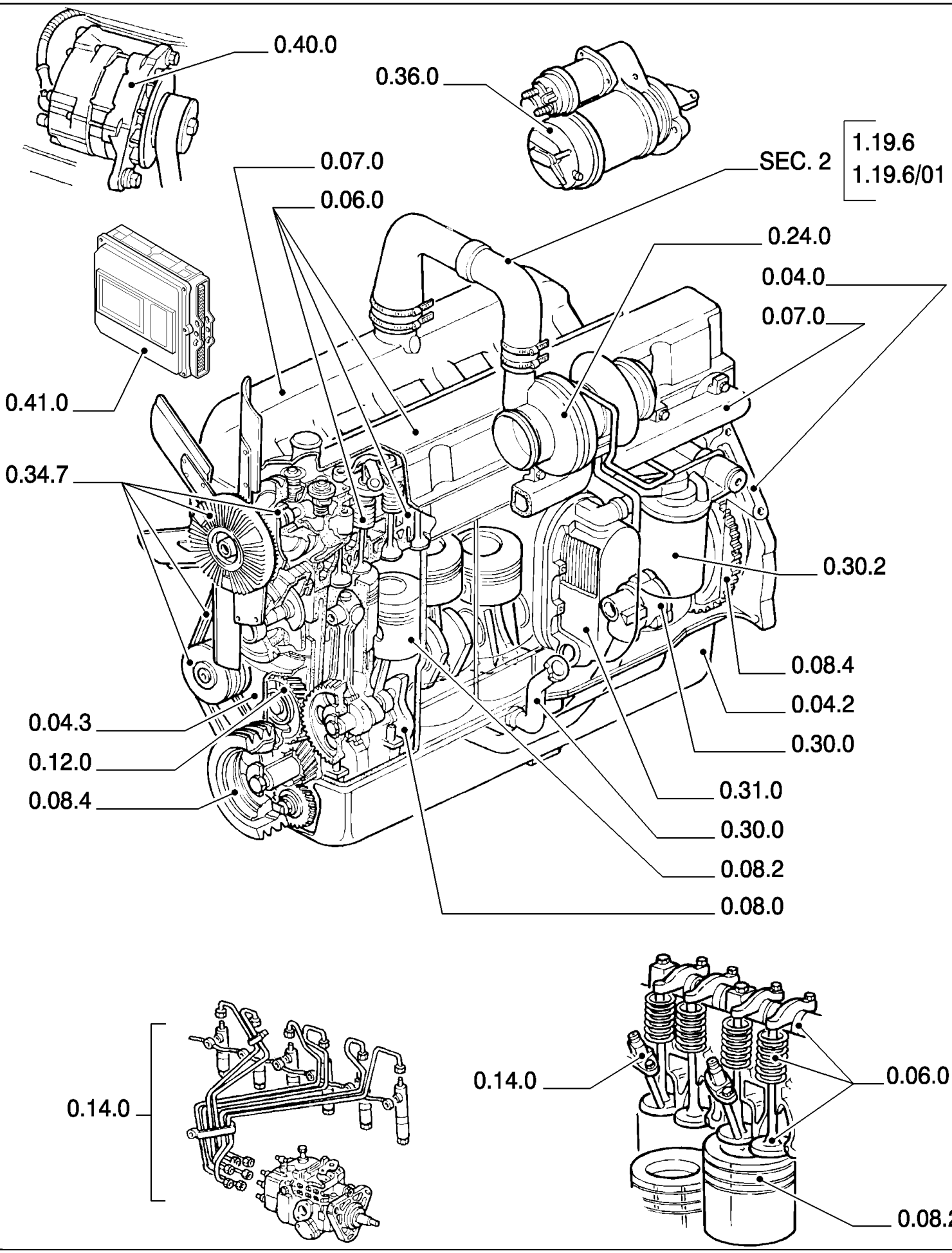

10
7
9
5
11
2
6
3
2
13
4 (2WD & 4WD)
11
3
2
8
1

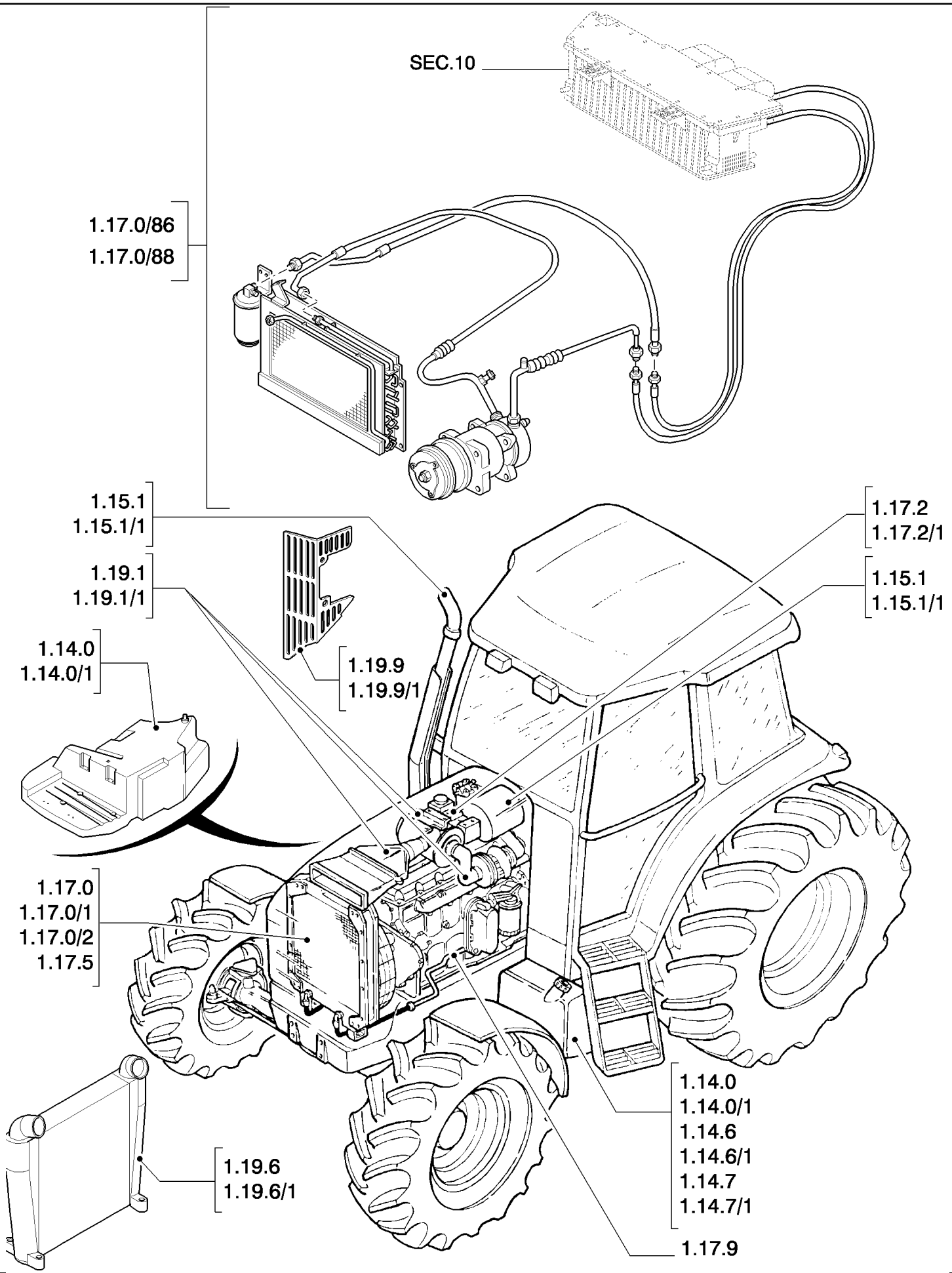
MAIN MAIN SECTIONS

Ref	Part Number	Qty	Description


0.40.0
0.36.0
SEC. 2
1.19.6
1.19.6/01
0.07.0
0.06.0
0.24.0
0.04.0
0.07.0
0.41.0
0.34.7
0.30.2
0.08.4
0.04.2
0.30.0
0.04.3
0.12.0
0.08.4
0.31.0
0.30.0
0.08.2
0.08.0
0.14.0
0.14.0
0.06.0
0.08.2

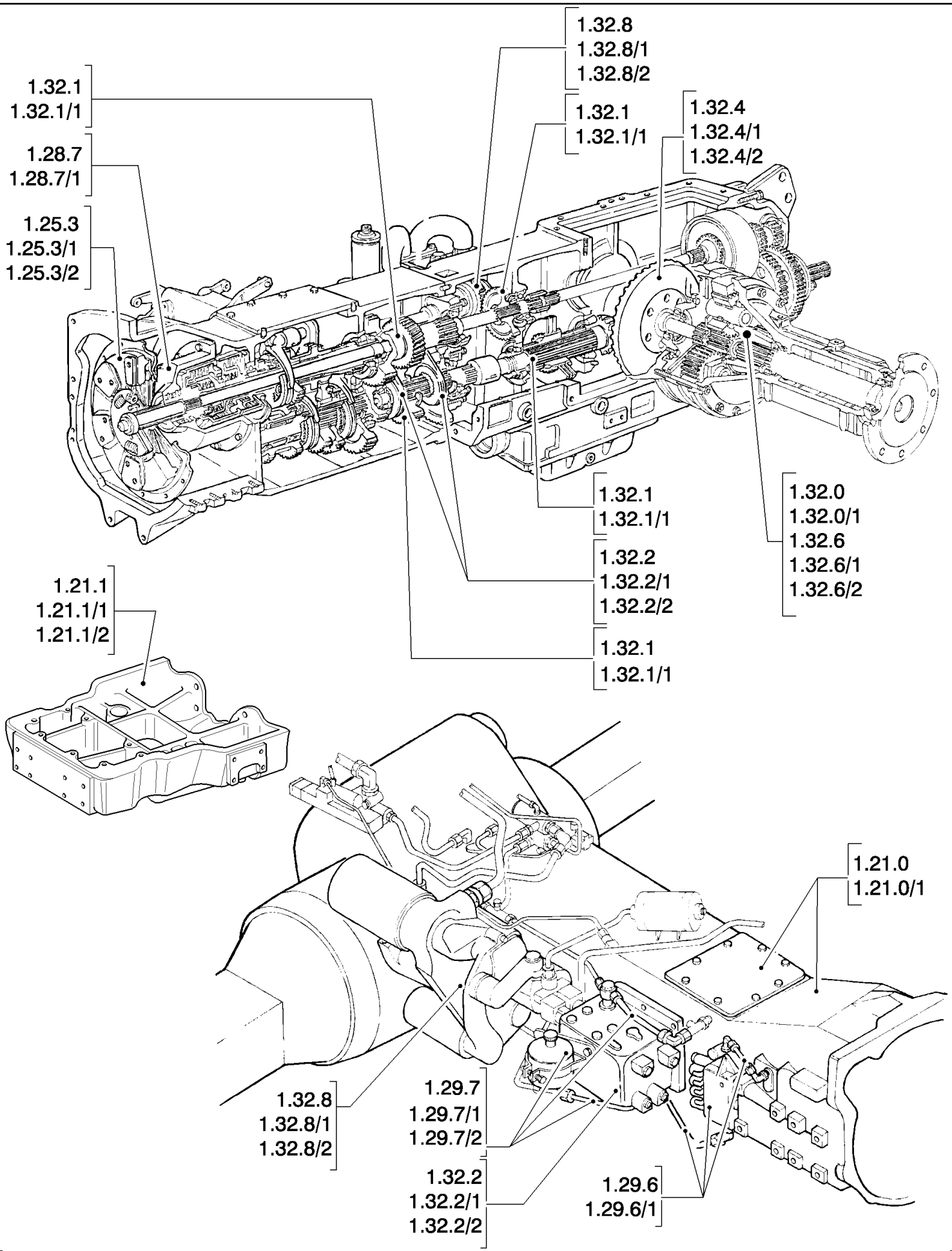
SEC. 01 ENGINE

Ref	Part Number	Qty	Description

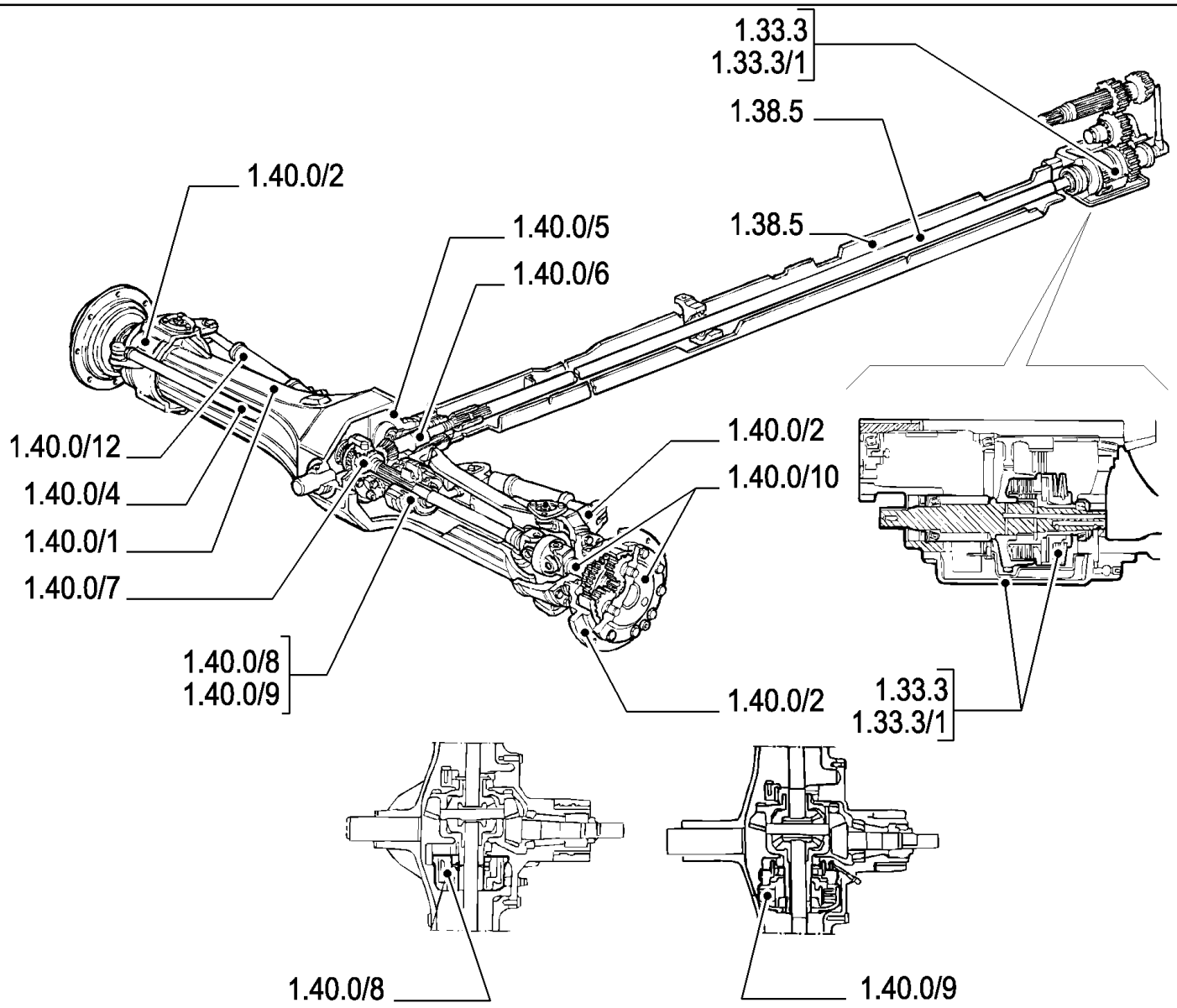

SEC.10
1.17.0/86
1.17.0/88
1.15.1
1.15.1/1
1.19.1
1.19.1/1
1.14.0
1.14.0/1
1.19.9
1.19.9/1
1.17.2
1.17.2/1
1.15.1
1.15.1/1
1.17.0
1.17.0/1
1.17.0/2
1.17.5
1.19.6
1.19.6/1
1.14.0
1.14.0/1
1.14.6
1.14.6/1
1.14.7
1.14.7/1
1.17.9

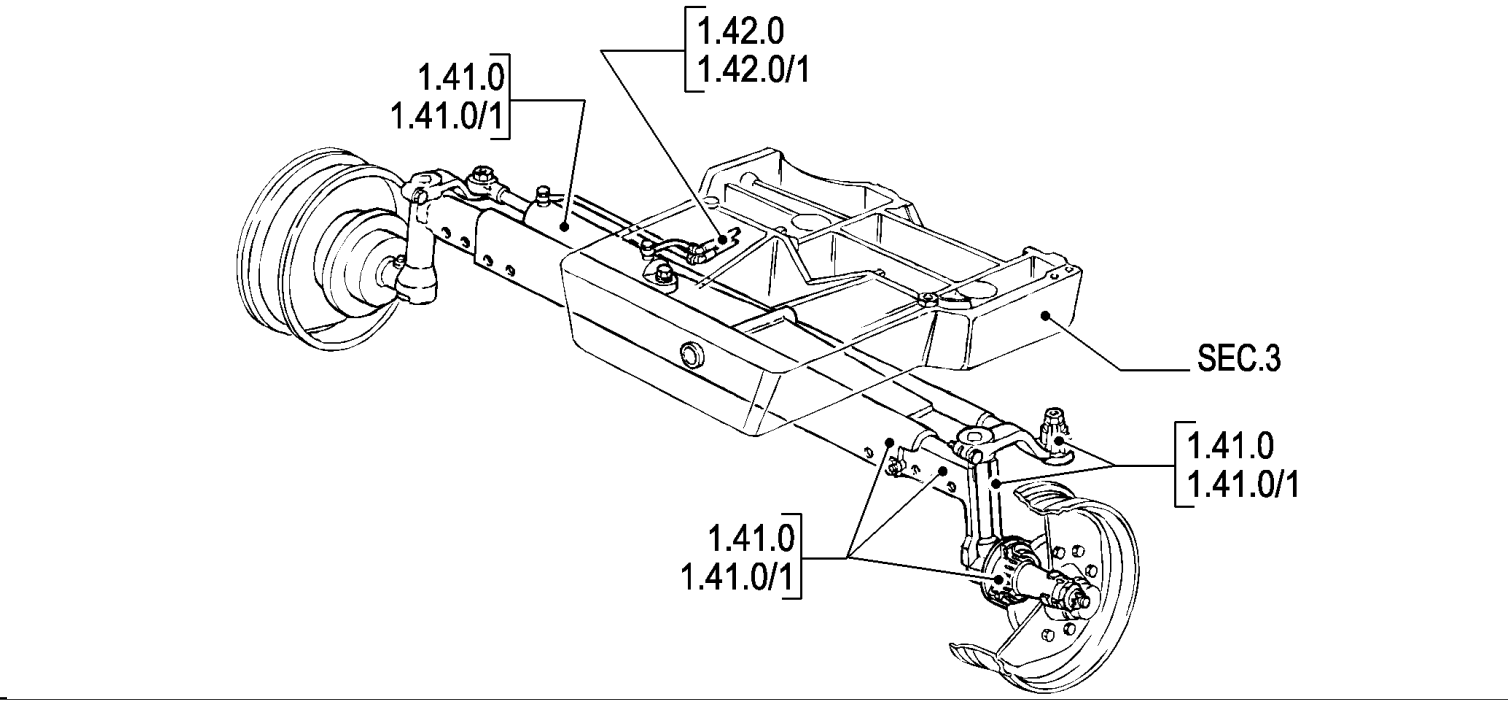
SEC. 02 ENGINE EQUIP.

Ref	Part Number	Qty	Description


1.32.8
1.32.8/1
1.32.8/2
1.32.1
1.32.1/1
1.32.4
1.32.4/1
1.32.4/2
1.32.1
1.32.1/1
1.28.7
1.28.7/1
1.25.3
1.25.3/1
1.25.3/2
1.32.0
1.32.0/1
1.32.6
1.32.6/1
1.32.6/2
1.32.2
1.32.2/1
1.32.2/2
1.32.1
1.32.1/1
1.21.1
1.21.1/1
1.21.1/2
1.21.0
1.21.0/1
1.32.8
1.32.8/1
1.32.8/2
1.29.7
1.29.7/1
1.29.7/2
1.32.2
1.32.2/1
1.32.2/2
1.29.6
1.29.6/1

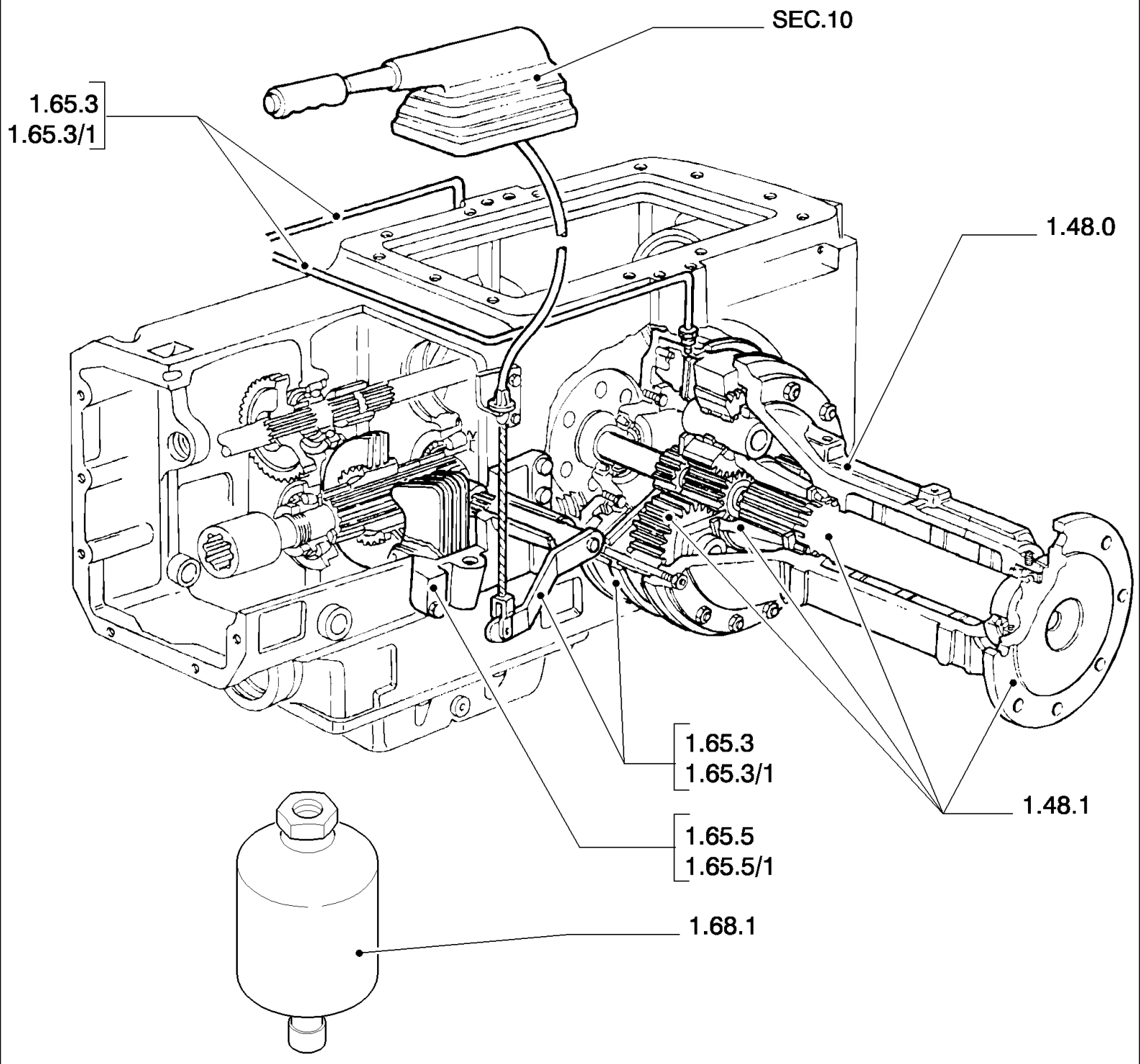
Ref	Part Number	Qty	Description


1.33.3
1.33.3/1
1.38.5
1.40.0/2
1.40.0/5
1.40.0/6
1.38.5
1.40.0/12
1.40.0/4
1.40.0/1
1.40.0/7
1.40.0/2
1.40.0/10
1.40.0/8
1.40.0/9
1.40.0/2
1.33.3
1.33.3/1
1.40.0/8
1.40.0/9

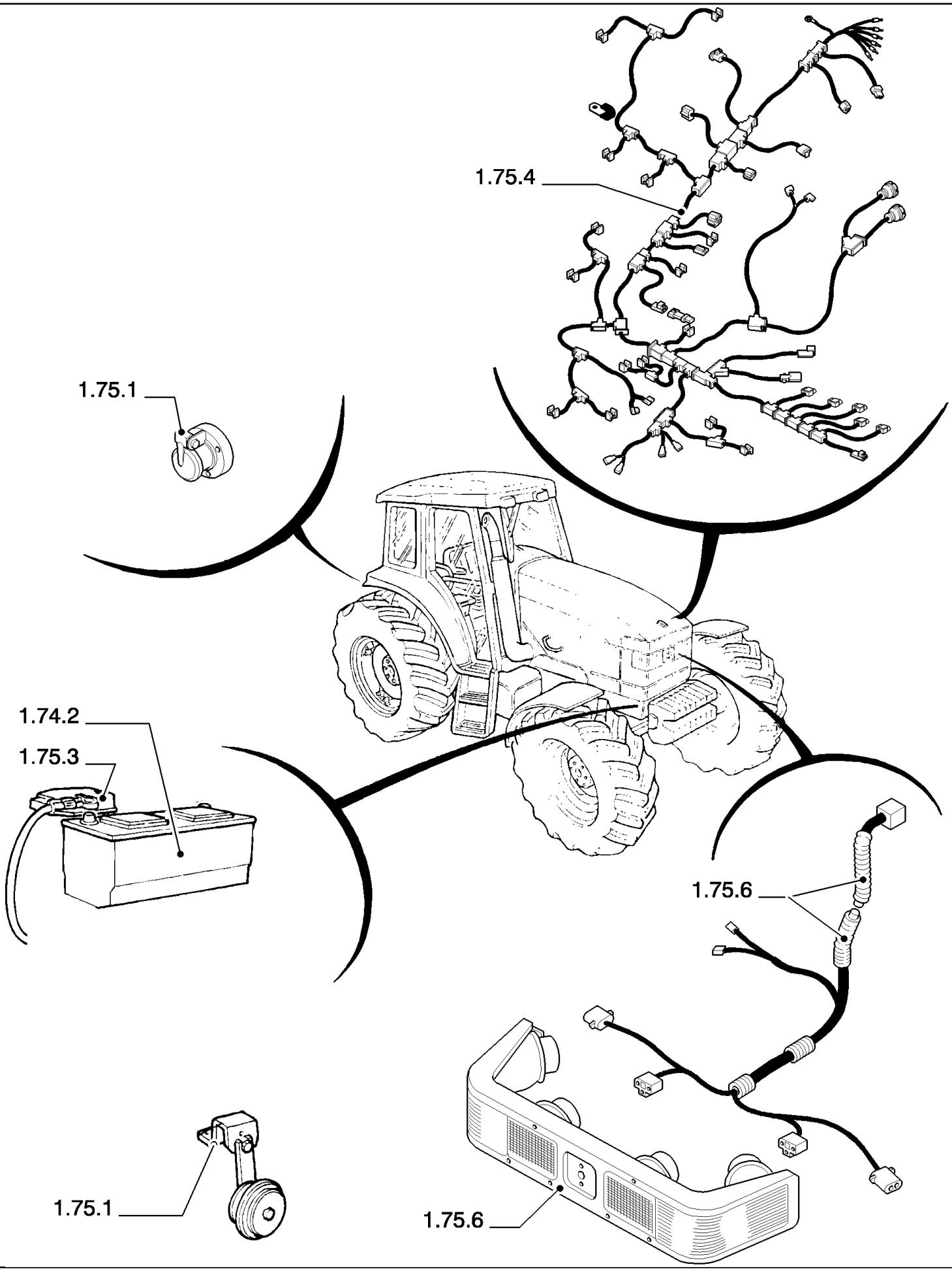

1.42.0
1.42.0/1
1.41.0
1.41.0/1
SEC.3
1.41.0
1.41.0/1
1.41.0
1.41.0/1

SEC. 04 FRONT AXLE

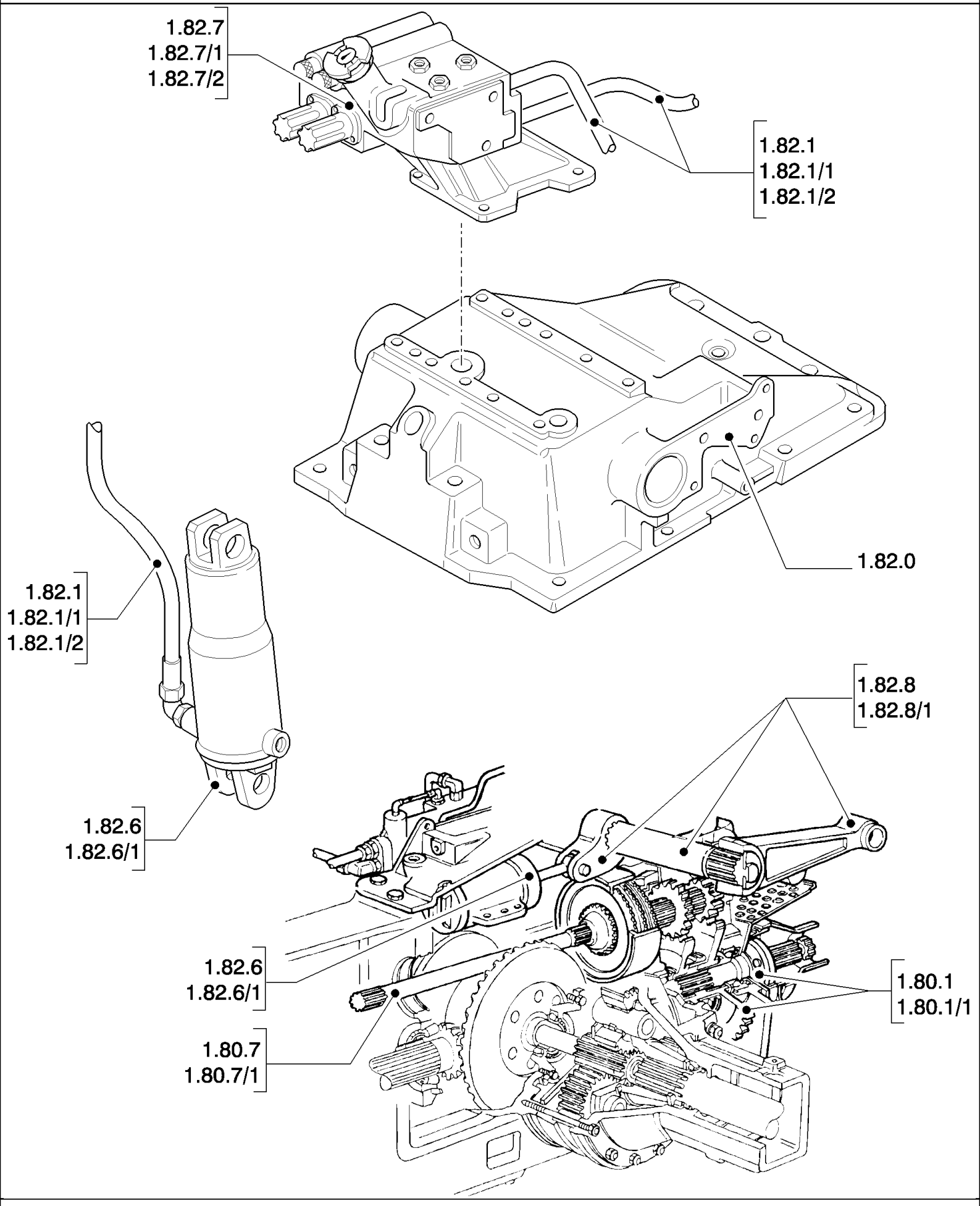
Ref	Part Number	Qty	Description


SEC.10
1.65.3
1.65.3/1
1.48.0
1.65.3
1.65.3/1
1.48.1
1.65.5
1.65.5/1
1.68.1

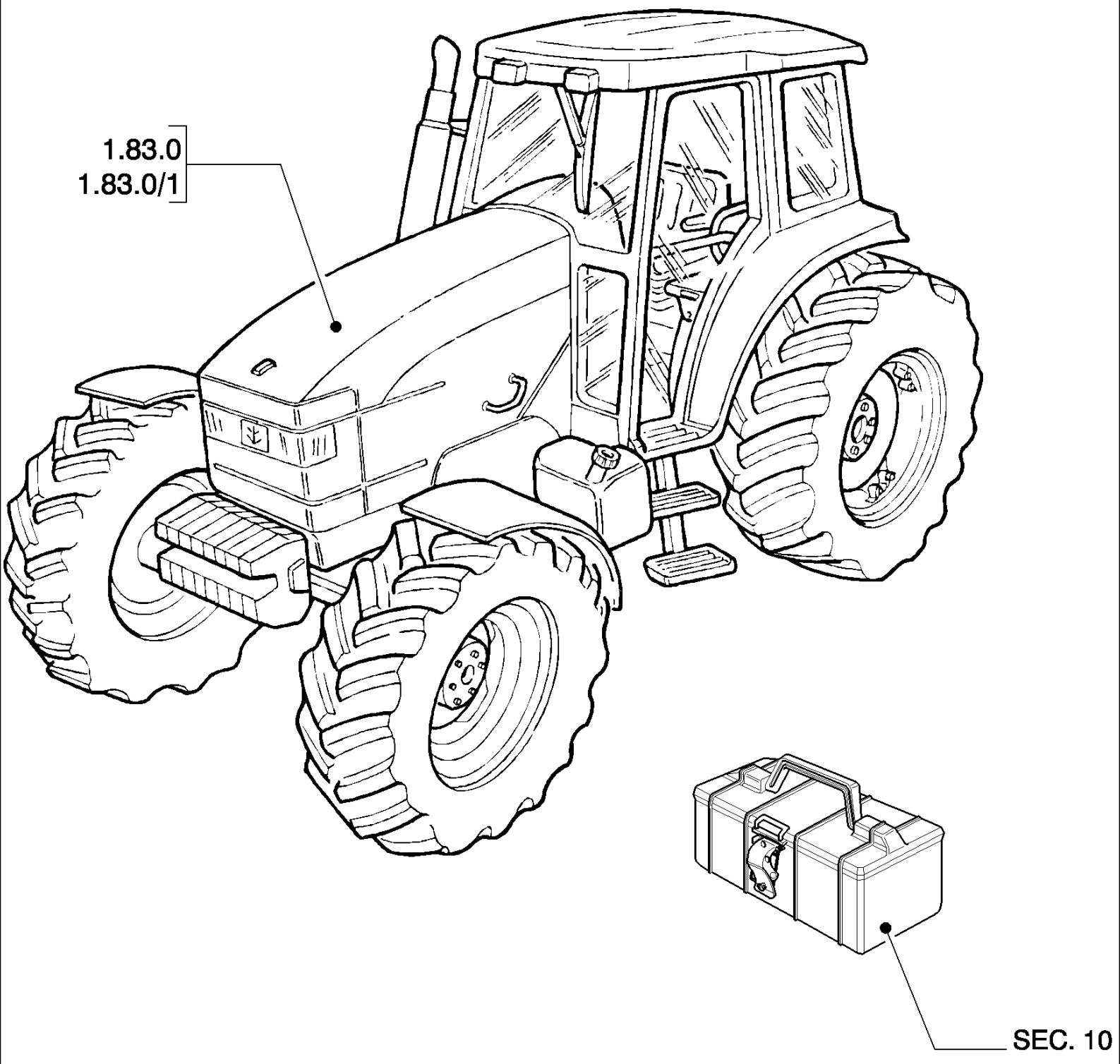
Ref	Part Number	Qty	Description


1.75.4
1.75.1
1.74.2
1.75.3
1.75.6
1.75.1
1.75.6

Ref	Part Number	Qty	Description

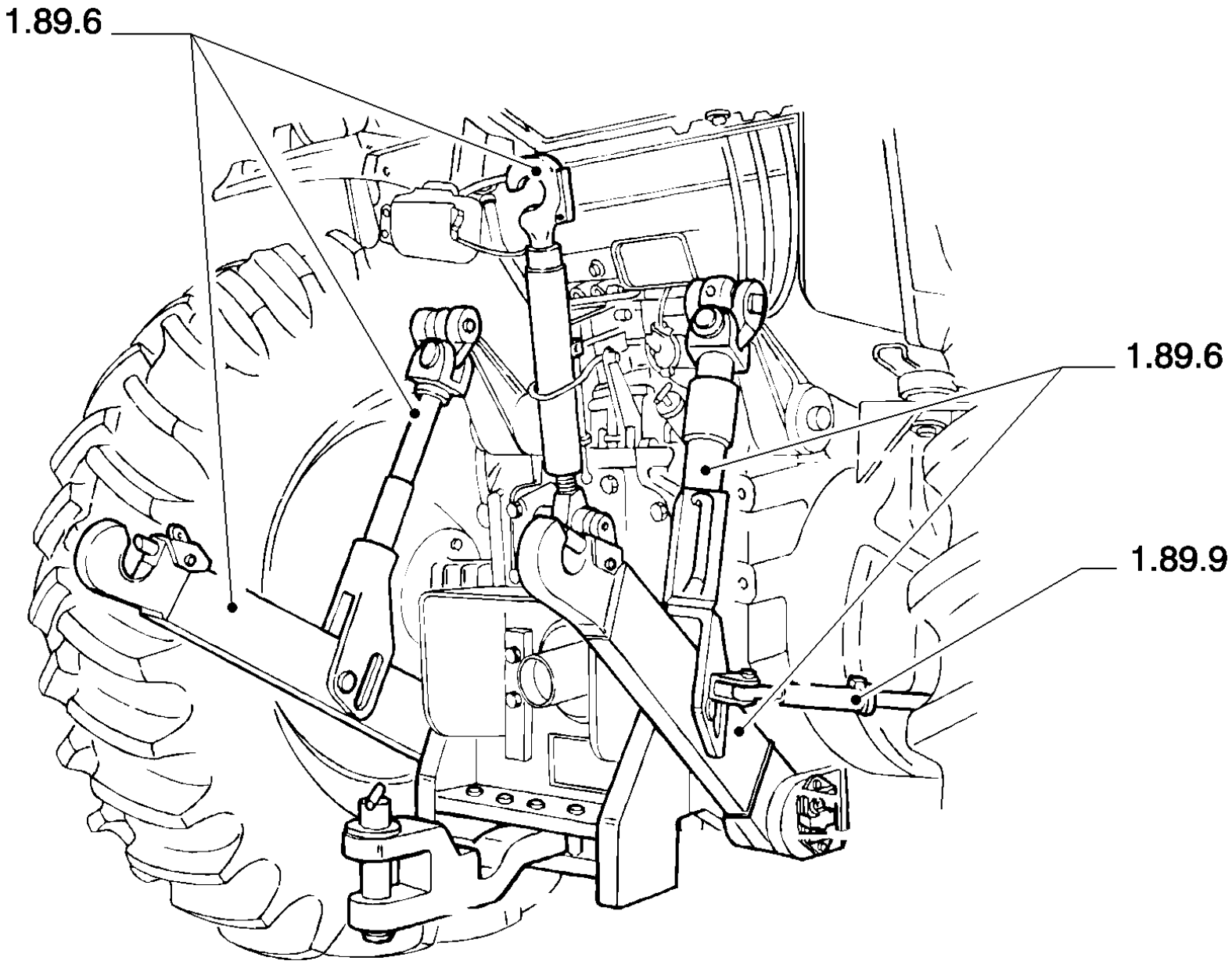

1.82.7
1.82.7/1
1.82.7/2
1.82.1
1.82.1/1
1.82.1/2
1.82.0
1.82.1
1.82.1/1
1.82.1/2
1.82.8
1.82.8/1
1.82.6
1.82.6/1
1.82.6
1.82.6/1
1.80.1
1.80.1/1
1.80.7
1.80.7/1

Ref	Part Number	Qty	Description


1.83.0
1.83.0/1
SEC. 10

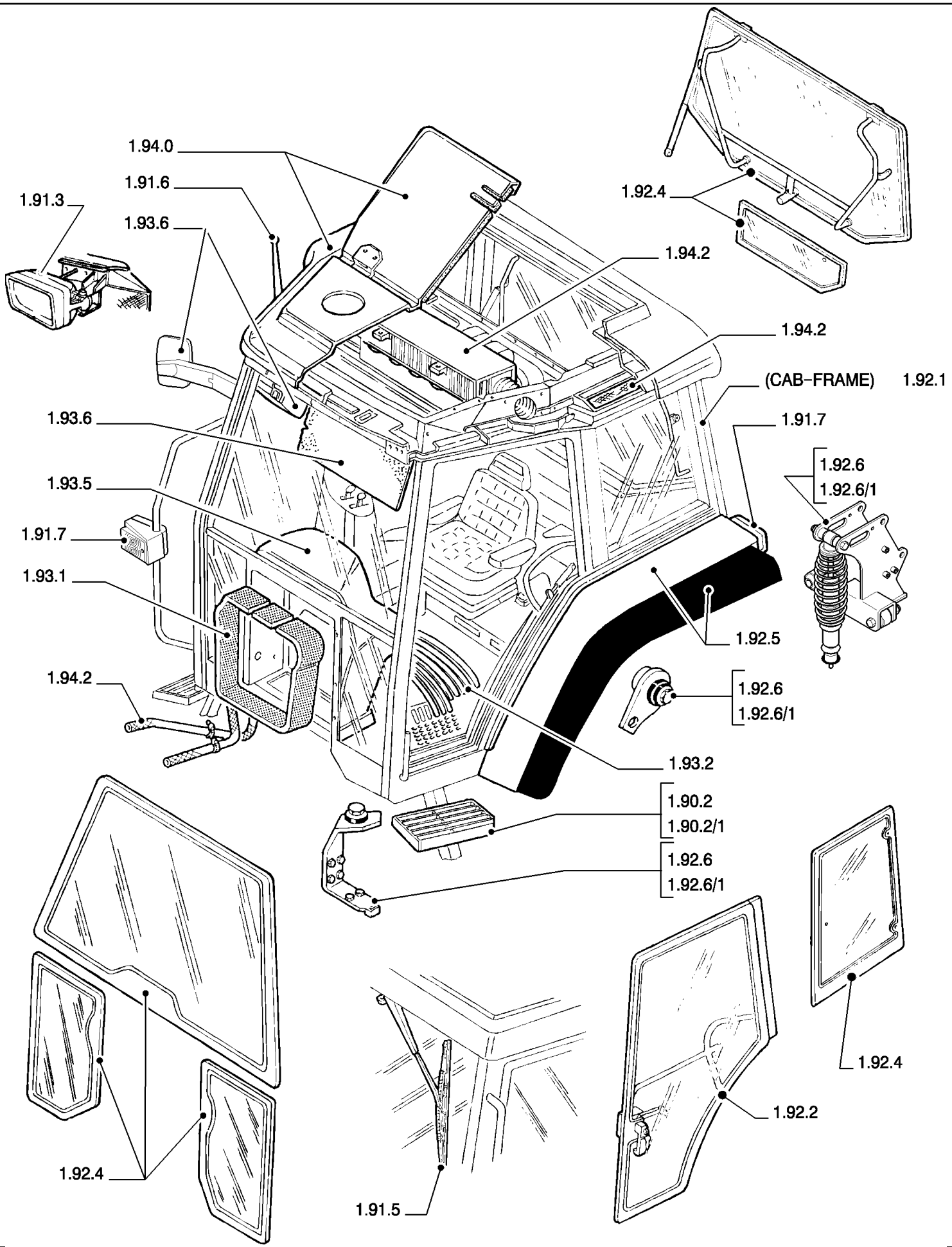
SEC. 08 SHEET METAL

Ref	Part Number	Qty	Description


1.89.6
1.89.6
1.89.9

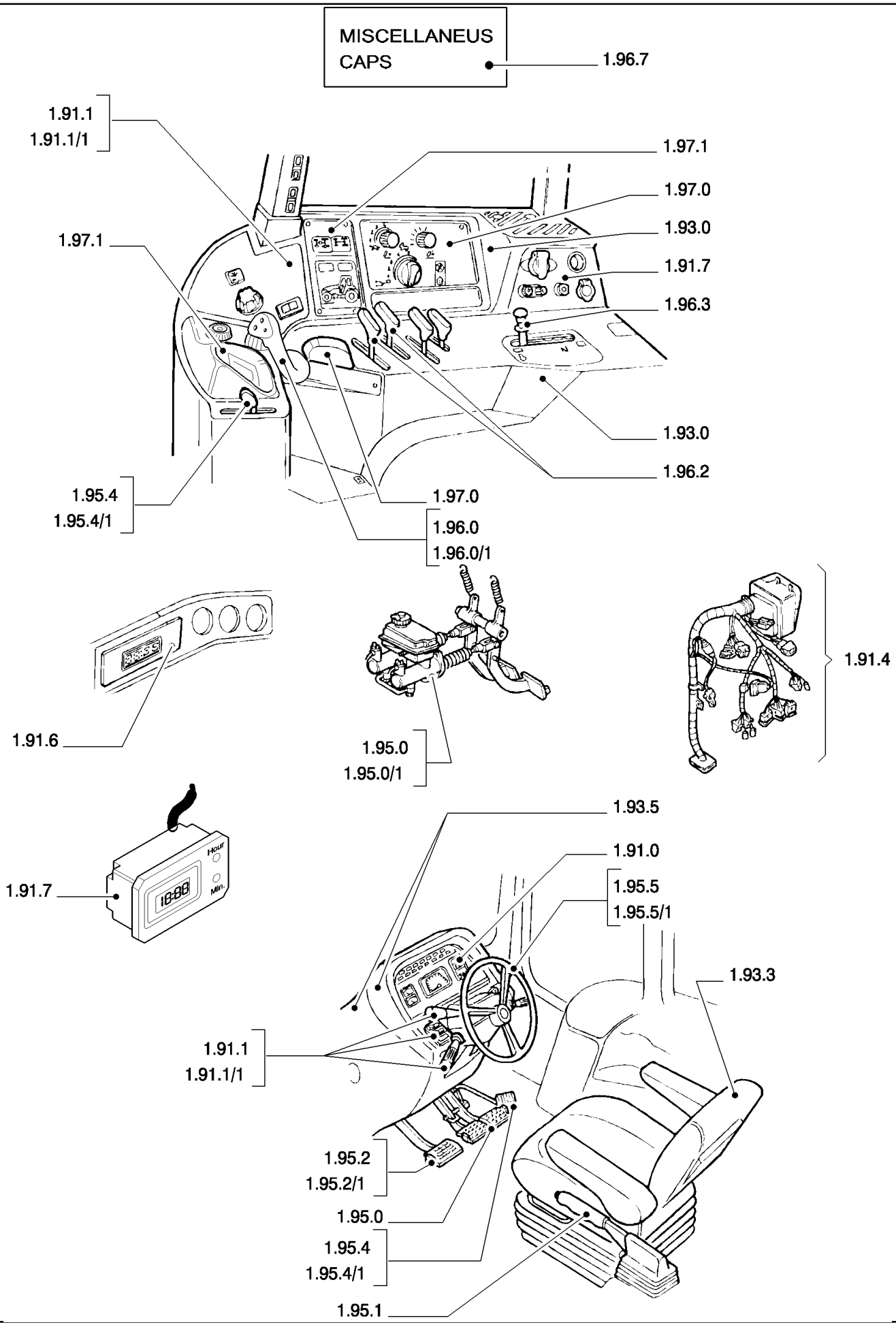
SEC. 09 LINKAGE

Ref	Part Number	Qty	Description


1.94.0
1.91.6
1.91.3
1.93.6
1.92.4
1.94.2
1.94.2
(CAB–FRAME) 1.92.1
1.93.6
1.91.7
1.93.5
1.92.6
1.92.6/1
1.91.7
1.93.1
1.92.5
1.94.2
1.92.6
1.92.6/1
1.93.2
1.90.2
1.90.2/1
1.92.6
1.92.6/1
1.92.4
1.92.2
1.92.4
1.91.5

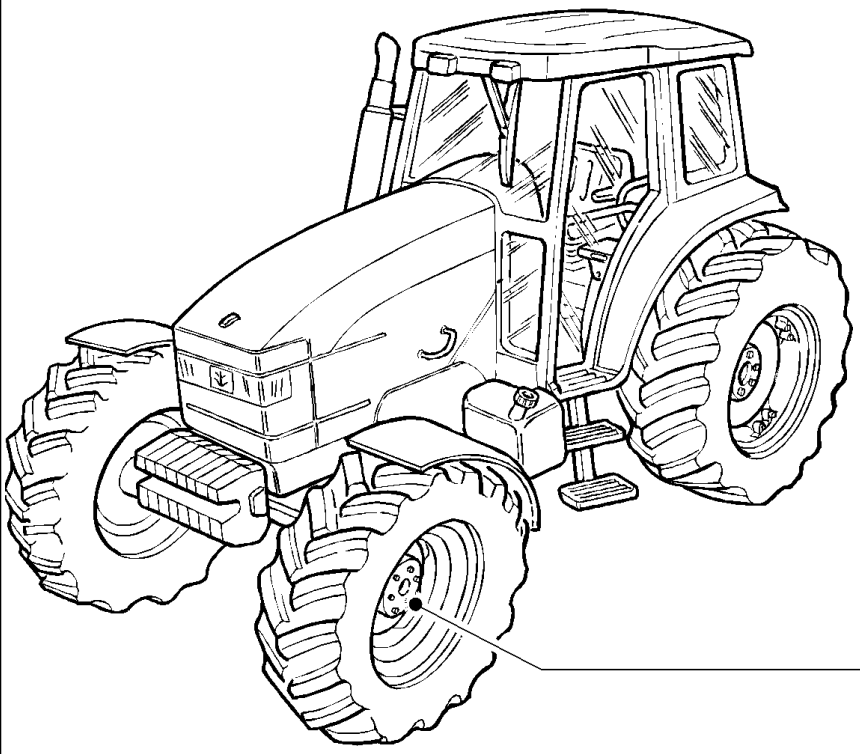
SEC. 10(01) DRIVER'S COMPARTMENT

Ref	Part Number	Qty	Description

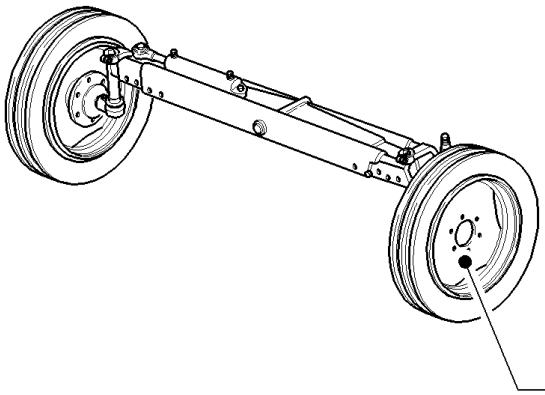

MISCELLANEUS
CAPS
1.96.7
1.91.1
1.91.1/1
1.97.1
1.97.0
1.93.0
1.91.7
1.96.3
1.93.0
1.96.2
1.95.4
1.95.4/1
1.97.0
1.96.0
1.96.0/1
1.91.6
1.95.0
1.95.0/1
1.91.4
1.91.7
Hour
Min.
1.93.5
1.91.0
1.95.5
1.95.5/1
1.93.3
1.91.1
1.91.1/1
1.95.2
1.95.2/1
1.95.0
1.95.4
1.95.4/1
1.95.1

SEC. 10(02) DRIVER'S COMPARTMENT

Ref	Part Number	Qty	Description

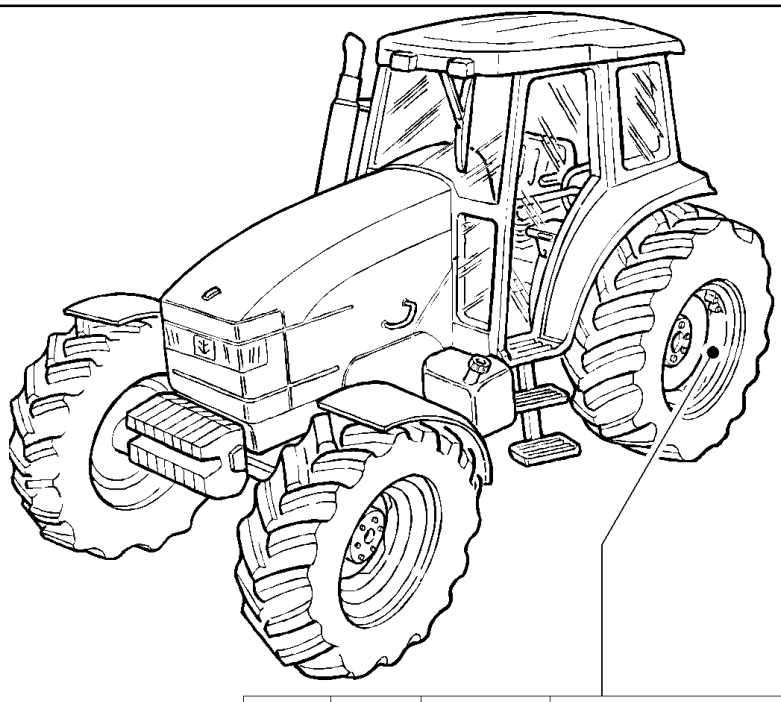


GROUP	EQUIP	RIM	TIRE SIZE
82.00	82.41	W12X28	14.9/28 A8
	82.41/1	W12X28	14.9/28 10PR-R1
	82.41/2	W12X28	14.9/28 R1
	82.41/3	W12X28	380/85 R28
	82.41/4	W12X28	380/85 R28 133A8
	82.50	W12X28	13.6/28-6PR-R1
	82.50/1	W12X28	13.6/28 A8
	82.50/2	W12X28	13.6/28 R1
	82.51	W12X28	14.9 R28 R1
	82.53	W15X28	16.9 R28 R1
	82.55	W15LX28	16.9 R28 A8 R1
	82.55/1	W15LX28	16.9 R28 R1
	82.55/2	W15LX28	16.9X28 8PR R1
	82.55/3	W15X28	16.9/28 A8
	82.55/4	W15X28	16.9/28 8PR R1
	82.55/5	W15X28	16.9/28 R1
	82.55/6	W15X28	16.9 R28 (420/85 R28)
	82.58	DW13X30	14.9 R30 A8
	82.58/1	DWW13X30	14.9 R30 R1
	82.58/2	W13X30	14.9 R30 (380/85 R30)
	82.74	W15X30	16.9 R30 420/85 R30 A8
	82.85	W13x34	14.9 R34 R1
	82.95	W10X38	320/85 R38 R1W
	82.95/1	W10X28	320/85 R38
	88.13	W15LX28	480/70 R28 A8 R1
	88.13/1	W15X28	480/70 R28 A8
	88.15	W15X28	480/65 R28 A8
	88.15/1	W14X28	480/65 R28 A8
	88.25	W14X28	480/65 R28 A8
	88.33	W15X28	480/70 R28
	88.50	W12X28	380/70 R28 A8
	88.51	W12X28	420/70 R28 A8
	88.52	W14X28	420/70 R28 A8
	88.52/1	W14X28	420/70 R28 DT812
	88.54	W14X28	480/70 R30 A8
	88.57	W14X28	540/65 R30 A8
	88.58	W15X28	540/65 R28
	88.58/1	W12X28	420/70 R28 DT812
	88.68	W15LX28	540/65 R28 A8 R1
	88.68/1	W15LX28	540/65 R28 A8
	88.69	W15X30	540/65 R30
	88.75	W18X28	600/65 R28 A8
	88 77	W20AX28	600/65 R28



GROUP	EQUIP	RIM	TIRE SIZE
81.00	81.14	W8X16 - W8LX16	10.00 - 16 8PR
	81.15	W8X16 - W8LX16	11.00 - 16 8PR
	81.15/1	W8LX16	11.00 - 16 10PR
	81.32	W11CX16.1	14L - 16 10PR
	81.32/1	W11X16.1	14L - 16 1 12PR

Ref	Part Number	Qty	Description

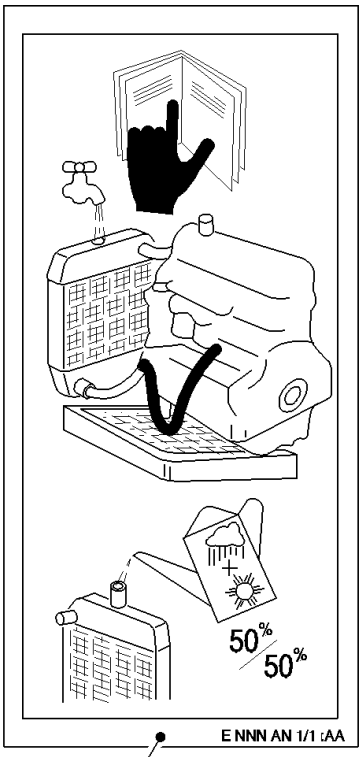


GROUP	EQUIP	RIM	TIRE SIZE
83.00	83.24	W18x38	20.8 R38
	83.28	W15X38	18.4 R38 (460/85) R38 A8
	83.28/1	W15X38	18.4 R38
	83.28/2	W15X38	18.4 38 8PR
	83.31	W18X38	20.8 R38 A8 R1
	83.33	W18X38	20.8 R38
	83.33/1	W18X38	20.8 R38
	83.33/2	W18X38	20.8 38 10PR
	83.34	W16X38	18.4 R38
	83.44	W10X54	320/90 R54 R1W
	83.65	DW15X34	18.4/34 8PR R1 C
	83.66	W16X46	18.4 R46 R1W
	83.70	W12X46	14.9 R46
	83.75	DWL15X38	16.9/38 8PR R1
	83.75/2	W15X38	16.9R38 (420/85) R38 A8
	83.75/1	DWL15X38	16.9 R38 R1
	83.76	DW15LX38	16/38 A8
	83.76/1	DW15LX38	16.9/38 A8 C
	83.76/2	DW15LX38	16.9/38 8PR R1 C
	83.76/3	DW15LX38	16.9/38 R1 C
	83.76/4	W15X38	16.9 R38 A8
	83.77	DW15LX38	18.4/38 R1 C
	83.77/1	DW15LX38	18.4/38 8PR R1 C
	83.77/2	W15X38	18.4 R38 A8
	83.77/3	W15X38	18.4 R38 R1
	83.77/4	W15X38	18.4/38 8PR R1
	83.80	W18X38	20.8 R38 (520/85 R38) A8
	83.80/1	W18X38	20.8 38 10PR
	83.80/2	W18X38	20.8 R38
	83.80/3	W18LX38	20.8/38 10PR R1 C
	83.80/4	W18LX38	20.8 R38 R1 C
	83.80/5	W18LX38	20.8/38 A8 F/N.L.
	83.81	W18X38	20.8 R38 A8 R1
	83.83	W16LX38	18.4 R38 R1 C
	83.83/1	W16LX38	18.4 38 8PR R1 C
	83.83/2	W16LX38	18.4/38 A8 F/N L
	83,84	W15x42	18.4 R42 R1
	83.88	W16X42	18.4 R42

GROUP	EQUIP	RIM	TIRE SIZE
83.00	83.88/1	W15x42	18.4 R42 R1
	83.89	W18x42	20.8 R42
	83.89/1	W18X42	20.8 R42 (520/85 R42)
	83.90	W15X42	18.4 R42
	84.24	W18X38	20.8 R38
	84.28	DW15LX38	18.4/38 8PR R1
	84.34	DW15LX38	18.4 R38 R1
	84.34/1	DW15LX38	18.4/38 8PR R1
	84.34/2	DW15LX38	18.4/38 8PR R2
	84.40	W18X42	20.8 R42
	84.61	W10X54	320/90 R54 R1W
	84.66	W16X46	18.4 R46 R1W
	84.70	W12X46	14.9 R46
	84.77	DW15LX38	18.4 R38 A8
	84.80	W18X38	20.8 R38
	84.80/1	W18X38	20.8 R38 (520/85 R38) A8
	84.88	W15X42	18.4 R42
	84.88/1	W16x42	18.4 R42 R1
	84.89	W18X42	20.8 R42 R1
	84.91	W15X42	18.4 R42
	84.95	W18X42	20.8 R42
	85.80	W18X38	20.8 R38 R2
	88,59	DW28Ax28	600–60 R28
	88,70	DW20Ax30	600–60 R30
	89,91	DW25Ax38	710/60 R38
	89,94	DW25Ax42	710/60 R42
	89.14	W23X38	650/75 R38
	89.26	W18X38	580/70 R38
	89.33	W18LX38	580/70 R38 A8 C
	89.34	W18LX38	650/65 R38 (S.L.) A8
	89.34/1	DW12X46	16.9 R46
	89.34/2	DW12X46	420/80 R46
	89.49	W18X38	600/65 R38 A8
	89.53	W18X42	620/70 R42
	89.69	W18X38	600/65 R38 A8
	89.71	W18X42	580/70 R42
	89.74	W18X38	600/65 R38 A8
	89.75	W18X38	520/70 R38 A8
	89.76	W15X38	480/70 R38 A8
	89.78	W15X38	520/70 R38 A8
	89.79	DW15LX38	520/70 R38 A8
	89.79/1	W15X38	520/70 R38 A8
	89.83	W16LX38	520/70 R38 A8
	89.84	W18X38	560/70 R38 A8
	89.84/1	DW18LX38	580/70 R38 A8
	89.85	W18X42	650/65 R42
	89.86	W18X38	650/65 R38 A8
	89.88	DW23X38	710/70 R38
	89.89	W18X42	580/70 R42
	89.97	W18X42	650/65 R42
	89.98	W18X38	650/65 R38
	89.99	W23X38	710/70 R38

SEC. 11(02) TRACTION

Ref	Part Number	Qty	Description



1.98.0

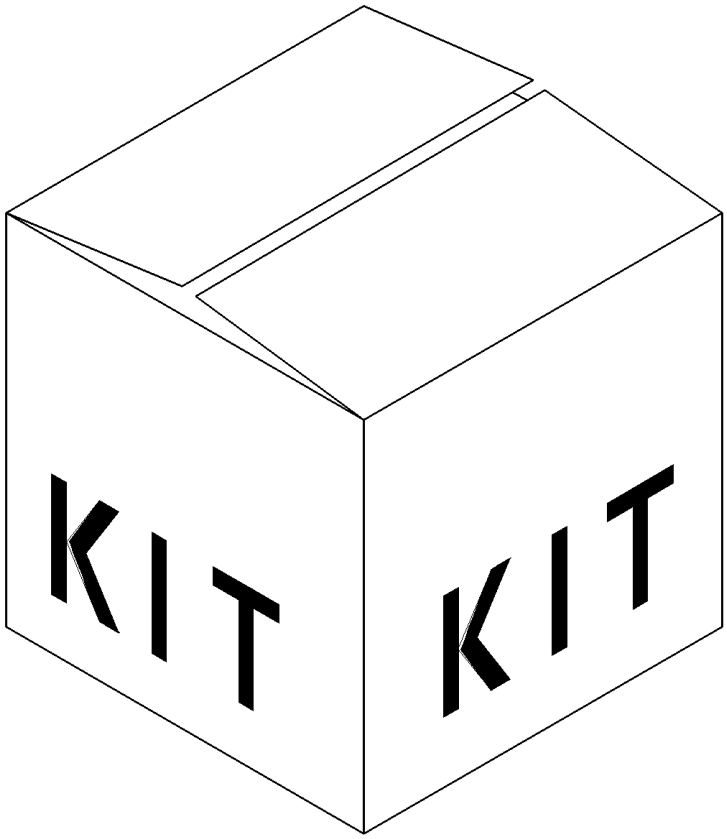


1.98.2

SEC. 13 DECALS

Ref	Part Number	Qty	Description

0.0039 SERVICE MAINTENANCE KIT



0.0039 SERVICE MAINTENANCE KIT

Ref	Part Number	Qty	Description
1	73318025	1	KIT,SERV MAINTENANCE, 600 hrs, 600 hrs - Fixed Displacement Pump TM120-TM130-TM140
2	73318034	1	KIT,SERV MAINTENANCE, 1200 hrs or 2 Yrs, 1200 hrs or 2 year - Fixed Displacement Pump TM120-TM130-TM140
3	73318026	1	KIT,SERV MAINTENANCE, 600 hrs, 600 hrs - Variable Displacement Pump TM120-TM130-TM140-TM155
4	73318036	1	KIT,SERV MAINTENANCE, 1200 hrs or 2 Yrs, 1200 hrs or 2 year - Variable Displacement Pump TM155
5	73318028	1	KIT,SERV MAINTENANCE, 600 hrs, 600 hrs - Standard Pump TM190
6	73318037	1	KIT,SERV MAINTENANCE, 1200 hrs or 2 Yrs, 1200 hrs or 2 year - Standard Pump TM175-TM190
7	73318029	1	KIT,SERV MAINTENANCE, 600 hrs, 600 hrs - High Flow Pump TM190
8	73318038	1	KIT,SERV MAINTENANCE, 1200 hrs or 2 Yrs, 1200 hrs or 2 year - High Flow Pump TM175-TM190

VARIANT CODE	DESCRIPTION	APPLICATION					
		TM120	TM130	TM140	TM155	TM175	TM190
001	France version (see sgr.1.98.3)	●	●	●	●	●	
002	German version (see sgr.1.98.0/01)	●	●	●	●	●	
007	North America version (see sect. 10-13)	●	●	●	●	●	
008	Dry air cleaner (see sgr. 1.19.1/03)	●	●	●	●		
022	Ballast weight support for super steer front-axle (see sgr.1.21.5)	●	●	●	●	●	
023	Front weght carrier for fan styled weights (see sgr. 1.21.5/01)	●	●	●	●	●	
023/1	Front weght carrier for fan styled weights 2WD (see sgr. 1.21.5/02)	●	●	●	●		
034	Austria version (see sgr. 1.98.0/02)	●	●	●	●	●	
036-038	Weigth carrier (see sgr. 1.21.5/03)	●	●	●	●	●	
037-039	Weigth carrier (see sgr. 1.21.5/04)	●	●	●	●	●	
037/1	Weigth carrier 2WD (see sgr. 1.21.5/05)	●	●	●	●		
065-067	Weigth carrier with hook (see sgr. 1.21.5/06)	●	●	●	●	●	
066-068	Weigth carrier with hook (see sgr. 1.21.5/07)	●	●	●	●	●	
066/1	Weigth carrier with hook 2WD (see sgr. 1.21.5/08)	●	●	●	●		
080	Hydraulic APUH f/1 aux. Ram (see sgr. 1.89.3/04 , 1.89.5/02)	●	●				
084	Semi power shift trans. 17x6 (Japan) (see section 3)	●	●	●	●		
085	Full power shift trans. 17x6 (Japan) (see section 3)	●	●	●	●		
111	Creeper transmission (see sgr. 1.32.3)	●	●	●			
117	Creeper transmission for semi power shift (see sgr. 1.32.3/01)	●	●	●	●		
131	Fire shield (see sgr. 1.14.7/02)	●	●	●	●	●	
146	Creeper transmission for full power shift (see sgr. 1.32.3/02)	●	●	●	●		
146/1	Suppl. gear reduction unit for full power-shift (see sect. 3-7-10)					●	
147	Electronic control for semi power shift 17x6 (30Km/H) (see sgr. 1.97.1)	●	●	●	●		
147/1	Full power shift gear change 19x6. (50 Km/H) (see sect. 3-7-10)					●	
170	3-control valve unit (see sect. 7-10)	●	●	●	●		
177	Auxiliary lights kit (left and drive) (see sgr. 1.91.7/01)	●	●	●	●	●	
177/1	Aux lights kit (right and drive) (see sgr. 1.91.7/02)	●	●	●	●	●	
178	Trailer air brake UK (see sect. 5-10)	●	●	●	●	●	
181	119" bar axle for steel wheels and cast wheels (see sgr. 1.48.1/01)					●	
181/1	Transmission oil heater (see sgr. 1.21.0/2)	●	●	●	●	●	
198	Aircleaner with precleaner (see sgr. 1.19.1/02)	●	●	●	●		
206	Engine coolant heater (see sgr. 1.17.8)	●	●	●	●	●	
244	3 control valves with jostyck for loader for front lift (see sect. 2-7-10)	●	●	●	●		
245	Side rails (see sgr. 1.21.1/03)	●	●	●	●	●	
245/1	3 control valves with jostyck sprung cab (see sect. 2-7-10)	●	●	●	●	●	
248	Automatic pick up hitch with 2 rams (see sgr. 1.89.3/04 , 1.89.3/05, 1.89.5/02)	●	●	●	●	●	
252	Battery with 5 control valve with electronic control (see sect.7-10)					●	
272	Hi-Lo 24x12 40 KPH (see sect. 3 - 10)	●	●	●			
281	Full power shift trans. 18x6 (40Km/H) and 17x6 (30KPH) (see sections 3)	●	●	●	●	●	
316	Class 3 front axle w/brake (see sections 4 - 5)	●	●	●			
362	Logic braking valve (see sgr.1.82.713/02)	●	●	●			
371	Trailer brake valve for open centre (see sgr. 1.82.713)	●	●	●			
372	Trailer brake valve for open centre (Italy) (see sgr. 1.82.713/01)	●	●	●			
385	Trailer air brake Germany (see sect. 5-10)	●	●	●	●	●	
385/1	Universal trailer air brake (see sect.5-10)	●	●	●	●	●	
385/2	Trailer air brake Italy (see sect. 5/10)	●	●	●	●	●	
396	Bracking system valve (see sgr. 1.82.713/07)	●	●	●	●	●	
414	Trailer brake valve C.C.L.S. (see sgr. 1.82.713/03)	●	●	●	●		
414/1	Trailer brake valve C.C.L.S. (see sgr. 1.82.713/05)					●	
416	Supersteer front axle (4WD) (see sect. 3-4-6-10)	●	●	●	●	●	
418	Trailer brake valve C.C.L.S. (Italy) (see sgr. 1.82.713/04)	●	●	●	●		
418/1	Trailer brake valve C.C.L.S. (Italy) (see sgr. 1.82.713/06)					●	
420	4WD front axle with susp. “Terralock” semi power shift (see sect. 3 - 4)	●	●	●	●		
425	4-control valve unit (see sect. 7-10)	●	●	●	●		
431	112" long axle for cast disc (see sgr. 1.48.1/02)	●	●	●			
431/1	112" long axle for cast disc (see sgr. 1.48.1/03)			●	●		
431/2	112" long axle for cast disc (see sgr. 1.48.1/04)					●	
431/3	112" long axle for steel disc (see sgr. 1.48.1/05)	●	●				

0.0040 OPTIONAL EQUIPMENT

Ref	Part Number	Qty	Description

VARIANT CODE	DESCRIPTION	APPLICATION					
		TM120	TM130	TM140	TM155	TM175	TM190
431/4	112" long axle for steel disc (see sgr. 1.48.1/06)			●	●		
431/5	112" long axle for steel disc (see sgr. 1.48.1/07)					●	
436	Rice version for full power shift and semi power shift trans. (see sgr. 1.38.8)	●	●	●			
436/1	Rice version for full power shift and semi power shift trans. (see sgr. 1.38.8/01)				●		
436/2	Rice version for full power shift and semi power shift trans. (see sgr. 1.38.8/02)					●	
437	98" long axle for cast disc (see sgr. 1.48.1/08)	●	●				
437/1	98" long axle for cast disc (see sgr. 1.48.1/09)			●	●		
437/2	98" long axle for cast disc (see sgr. 1.48.1/10)					●	
437/3	98" long axle for steel disck (see sgr. 1.48.1/11)	●	●				
437/4	98" long axle for steel disck (see sgr. 1.48.1/12)			●	●		
438	External hub for twin wheels with steel rims (see sgr. 1.48.1/13)	●	●	●	●		
438/1	External hub for twin wheels with steel rims (see sgr. 1.48.1/14)					●	
440	Control valves joystick for loader (see sgr. 1.82.7/04-1.96.2/02)	●	●	●	●		
440/1	Control valves joystick for loader with hi-lo (see sgr. 1.82.7/05-1.96.2/03)	●	●	●			
440/2	Control valves with joystick for loader with sprung cab (see sgr. 1.82.7/06-1.96.2/04)	●	●	●	●	●	
444	Control valves with jostyck for front lift (see sect. 2-7-10)	●	●	●	●		
448	Creeper for semi power shift w/suspension cab (see sgr. 1.32.3)	●	●	●	●	●	
449	Paddy field version (see sgr. 1.38.5/02)	●	●	●			
452	4WD front axle with brakes for terralock (see sect. 4)	●	●	●	●	●	
452/1	4WD front axle with suspension, brakes, terralock S.P.S. (see sect. 2-4-5-10)	●	●	●	●		
463	4WD front axle with suspension, full power shift (see sect. 2-4-10)	●	●	●	●	●	
463/1	4WD front axle with suspension, brakes, terralock F.P.S. (see sect. 2-4-10)	●	●	●	●	●	
470-471-472	Rear ballast for sheet steel discs (see sgr.1.49.6)			●	●		
470/1-471/1	Rear ballast for sheet steel discs (see sgr.1.49.6/01)	●	●				
481	150 L/min pump CCLS W/EDC (see sgr. 1.32.8/04)					●	
484-496	Right tie rod and sprag with control valve with electronic control (see sect. 7-9-10)					●	
497	Dynamic front fenders (4WD) (see sgr. 1.87.4)	●	●	●	●	●	
497/1	Dynamic front fenders (4WD) for supersteer or susp. Front axle (see sgr. 1.87.4/01)	●	●	●	●	●	
511	Flange type rear axle (see sgr.1.48.1/15)					●	
518	4WD axle class 4 with terralock	●	●	●			
519	4WD axle class 4 with suspension and terralock	●	●	●			
520	4WD axle class 4 with suspension and terralock with full powershift	●	●	●			
521	4WD axle supersteer class 4 with terralock	●	●	●			
569	Automatic hitch (with 1 additional jack) (see sgr.1.89.3)	●	●	●	●		
570	Full power shift trans. 18x6 (30Km/H) with clutch powershift (see sect. 3-7)					●	
571	Full power shift trans. 19x6 (40Km/H) (see sgr. 1.97.1)					●	
628	Auxiliary "SAE" power socket adaptor (see sgr. 1.91.7/05)	●	●	●	●	●	
635	Cab support (see sgr. 1.92.6/02)	●	●	●	●		
640	Hinged windshield (see sgr. 1.92.3)	●	●	●	●	●	
659	Lh dip headlamp for supersteer front axle (see sgr. 1.75.6)	●	●	●	●	●	
714	Control valves with jostyck for front lift with HI-LO (see sect. 2-7-10)	●	●	●			
714/1	Control valves with jostyck for front lift with cab and suspension (see sect. 2-7-10)	●	●	●	●	●	
718	Battery with 5 control valve with electronic control (see sect.7-10)					●	
723	4 control valve battery with joystick (see sect. 7-10)	●	●	●	●	●	
742	Auto linkage stabilizers (see sgr. 1.89.9/04)	●	●	●	●		
742/1	Automatic stabilizers for cab with suspension (1.89.9/05)					●	
743	Radar unit Japan (see sgr.1.91.1/02)	●	●	●	●	●	
743/1	Radar unit NHA (see sgr.1.91.1/03)	●	●	●	●	●	
747	Digital instrument (see sgr. 1.91.0/01)	●	●	●	●		
749	Radar unit UK (see sgr.1.91.1/04)	●	●	●	●	●	
753	Radar for all countries except UK/NHA/Japan (see sgr.1.91.1/05)	●	●	●	●	●	
759	Slow moving vehicle sign (see sgr. 1.99.3)	●	●	●	●	●	
760	Lh dip headlamps (see sgr. 1.75.6)	●	●	●	●	●	
762	Rotary beacom (see sgr. 1.92.762)	●	●	●	●	●	
766	Application of work spot lights on exterior cab handle (see sgr. 1.91.3/02)	●	●	●	●	●	
766/1	Application of work spot lights on midguards (see sgr. 1.91.3/03)	●	●	●	●	●	
774	40 Amp front implement socket (see sgr. 1.91.7/04)	●	●	●	●	●	
779	Front hydraulic lift for "Supersteer" (see sect. 3-7-9-10)	●	●	●	●	●	

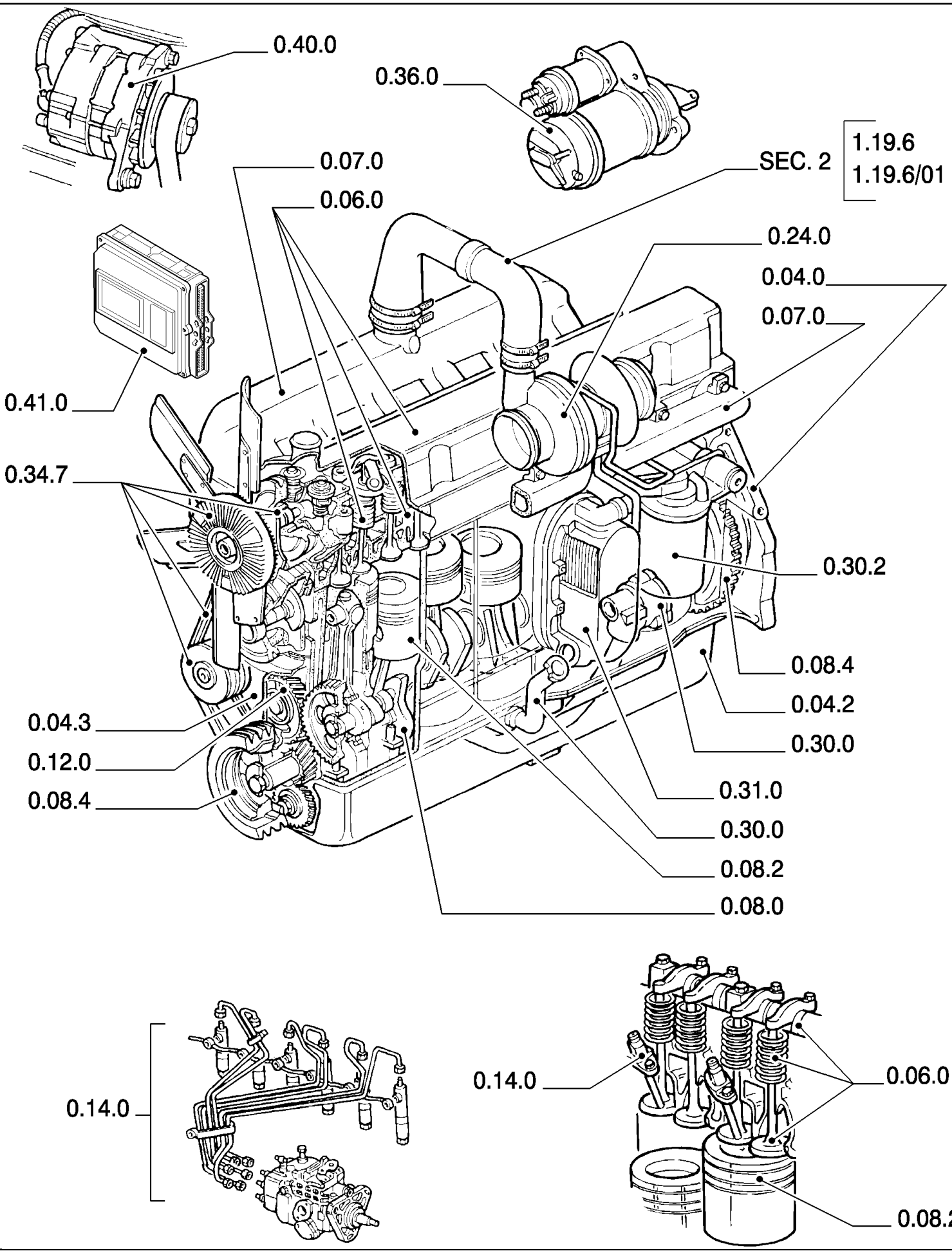
0.0040/01 OPTIONAL EQUIPMENT

Ref	Part Number	Qty	Description

VARIANT CODE	DESCRIPTION	APPLICATION					
		TM120	TM130	TM140	TM155	TM175	TM190
780-781	Lift and front P.T.O. (6-21 splines) "C.C.L.S." (see sect. 2-3-7-9-10)	●	●	●	●	●	
783	Lift assist cylinder (see sgr. 1.82.6/02)	●	●				
783/1	RH lift assist cylinder for tractor w 1 lift assist cylinder (see sgr. 1.82.6/03)			●	●		
789	Front hydraulic lift foe "C.C.L.S." (see sect. 2-3-7-10)	●	●	●	●	●	
809	P.T.O. 540/1000 rpm (see sgr. 1.80.1/02)	●	●	●	●		
809/1	P.T.O. 540/1000 rpm (see sgr. 1.80.1/02)					●	
815	Synchro P.T.O. for terralock (see sgr. 1.80.7/03-1.96.3/02)	●	●	●	●		
816	Guard power take-off (see sgr. 1.80.1-1.80.1/01)	●	●	●	●	●	
817	Synchro P.T.O. for full power shift (see sgr. 1.80.7/03-1.96.3/02)			●	●		
819	Version without hydraulic lift (see sgr.1.21.0/01-1.97.0/01)					●	
838	Outer PTO control mounted on mudguards (see sgr.1.91.1/10)	●	●	●	●	●	
839	Sway-bar North America (see sgr.1.89.0/05)	●	●	●	●	●	
847	Synchro mesch geared power take-off (see sgr.1.80.7/05-1.96.3/03)	●	●	●			
853	Implement attachment device (2-3 class) for electronic lift (see sgr. 1.89.6/06)	●	●				
863	Double chock (see sgr. 1.99.1)	●	●	●	●		
863/1	Double chock (see sgr. 1.99.1/01)					●	
865	Passenger seat (see sgr. 1.93.3/01)	●	●	●	●	●	
869	Mudguards side shield (see sgr. 1.92.5/01)	●	●	●	●	●	
879	Telescopic rear view mirror (see sgr. 1.93.6/01)	●	●	●	●	●	
881	Implement carrier (telescopic arms) 2/3 cat. and shacke plates (see sgr. 1.89.6/03)	●	●	●	●		
881/1	Implement carrier (telescopic arms) 2/3 cat. and shacke plates (see sgr. 1.89.6/04)					●	
887	Rotary hitch support on piton skids (see sgr. 1.89.5)	●	●	●	●	●	
892	Pull hook (see sgr. 1.89.2)	●	●	●	●	●	
895	Trailer brake lever support (for Italy) (see sgr. 1.89.4)	●	●	●	●	●	
897	Automatic hitch, sliding support (see sgr.1.89.5/01)	●	●	●	●	●	
898	Automatic hitch (with 2 additional jacks) (see sgr.1.89.3/01)			●	●		
898/1	Automatic hitch (without additional jacks) (see sgr.1.89.3/02)	●	●				
898/2	Automatic hitch (with 2 additional jacks) (see sgr.1.89.3/03)					●	
899	Linkage drawbar (see sgr. 1.89.6-1.89.6/02)	●	●	●	●	●	
900	Hydraulic adjustments of right tie-rod and third point link for closed "CCLS" centre (see sect.6-9-10)	●	●	●	●	●	
907	Drawbar for sliding support (see sgr. 1.89.0)	●	●	●	●	●	
910	Two-bar with rollers (see sgr. 1.89.0/01)	●	●	●	●	●	
911	Implement carrier (telescopic arms) anti schake plates (see sgr. 1.89.6/05-1.89.9/03)	●	●				
912	Sway-bar Europe (see sgr. 1.89.0/02)	●	●	●	●	●	
913	Drawbar (29 mm) for Italy (see sgr. 1.89.0/03)	●	●	●	●	●	
914	Sway-bar North America (see sgr. 1.89.0/04)	●	●	●	●	●	
926-928	Sliding hitch without draw-bar (see sgr. 1.89.1)	●	●	●	●	●	
932	Two-bar (Italy) for sliding support (see sgr. 1.89.1/01)	●	●	●	●	●	
946	Auto linkage stabilizers (see sgr. 1.89.9/04)	●	●	●	●		
947	Two-bar category "D3" for sliding support (see sgr. 1.89.1/02)	●	●	●	●	●	
963	Seat air deluxe with belt (see sgr. 1.93.3)	●	●	●	●	●	
964	Deluxe air seat with reeling (see sgr. 1.93.3)	●	●	●	●	●	
965	Licence plate lamp and support, mounting on mudguard (see sgr. 1.98.3/1)	●	●	●	●	●	
966	Licence plate lamp and support, mounting on cab roof (see sgr. 1.98.3/2)	●	●	●	●	●	
996	Set of tools (see Sgr. 1.99.2)	●	●	●	●	●	

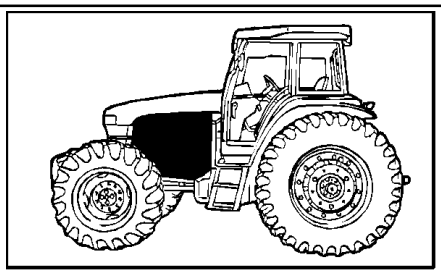
0.0040/02 OPTIONAL EQUIPMENT

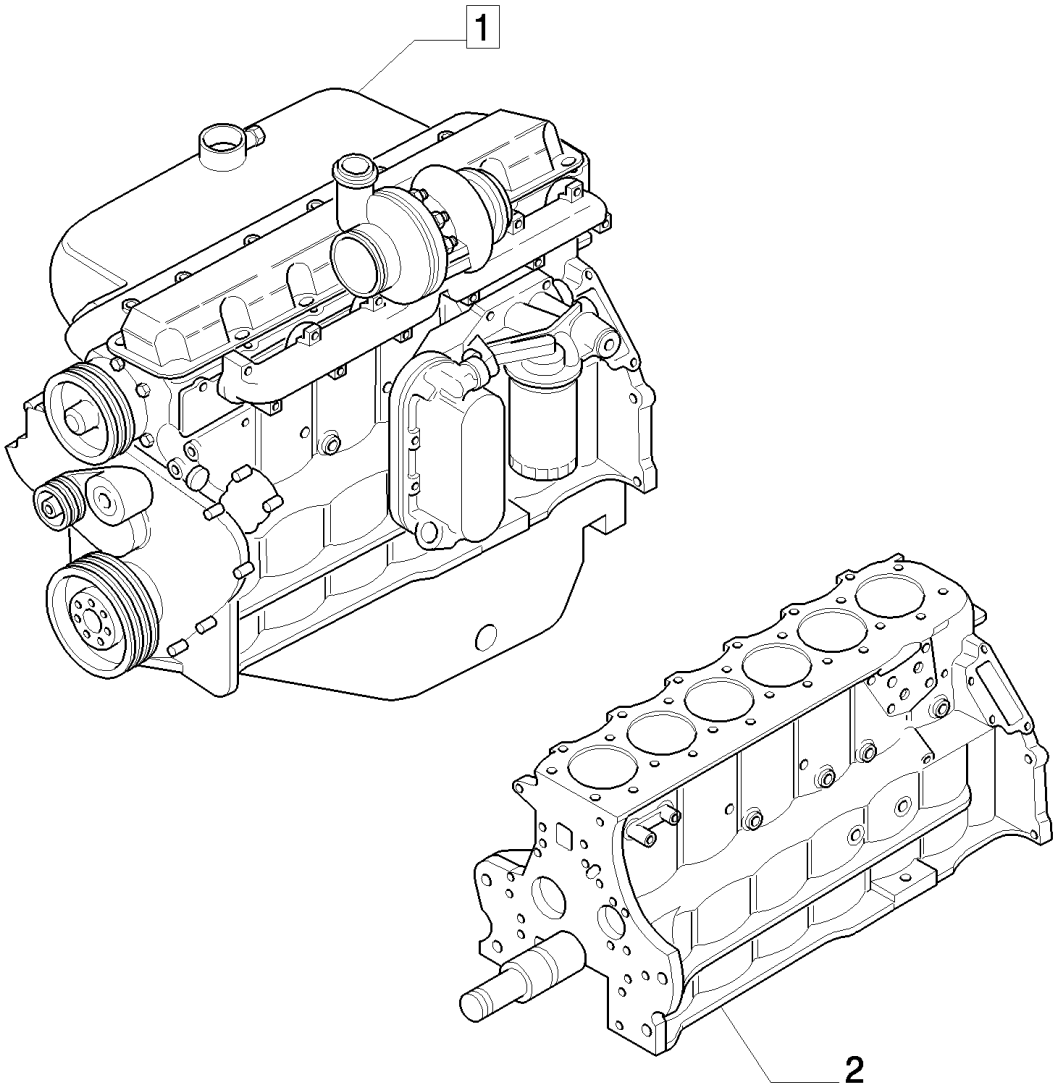
Ref	Part Number	Qty	Description


0.40.0
0.36.0
SEC. 2
1.19.6
1.19.6/01
0.07.0
0.06.0
0.24.0
0.04.0
0.07.0
0.41.0
0.34.7
0.30.2
0.08.4
0.04.2
0.30.0
0.04.3
0.12.0
0.08.4
0.31.0
0.30.0
0.08.2
0.08.0
0.14.0
0.14.0
0.06.0
0.08.2

Ref	Part Number	Qty	Description

0.02.1 ENGINE ASSY



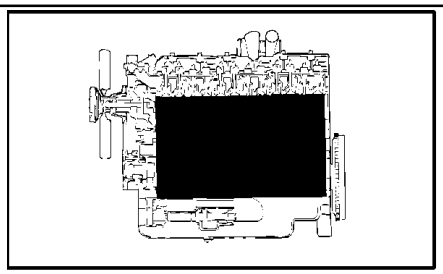


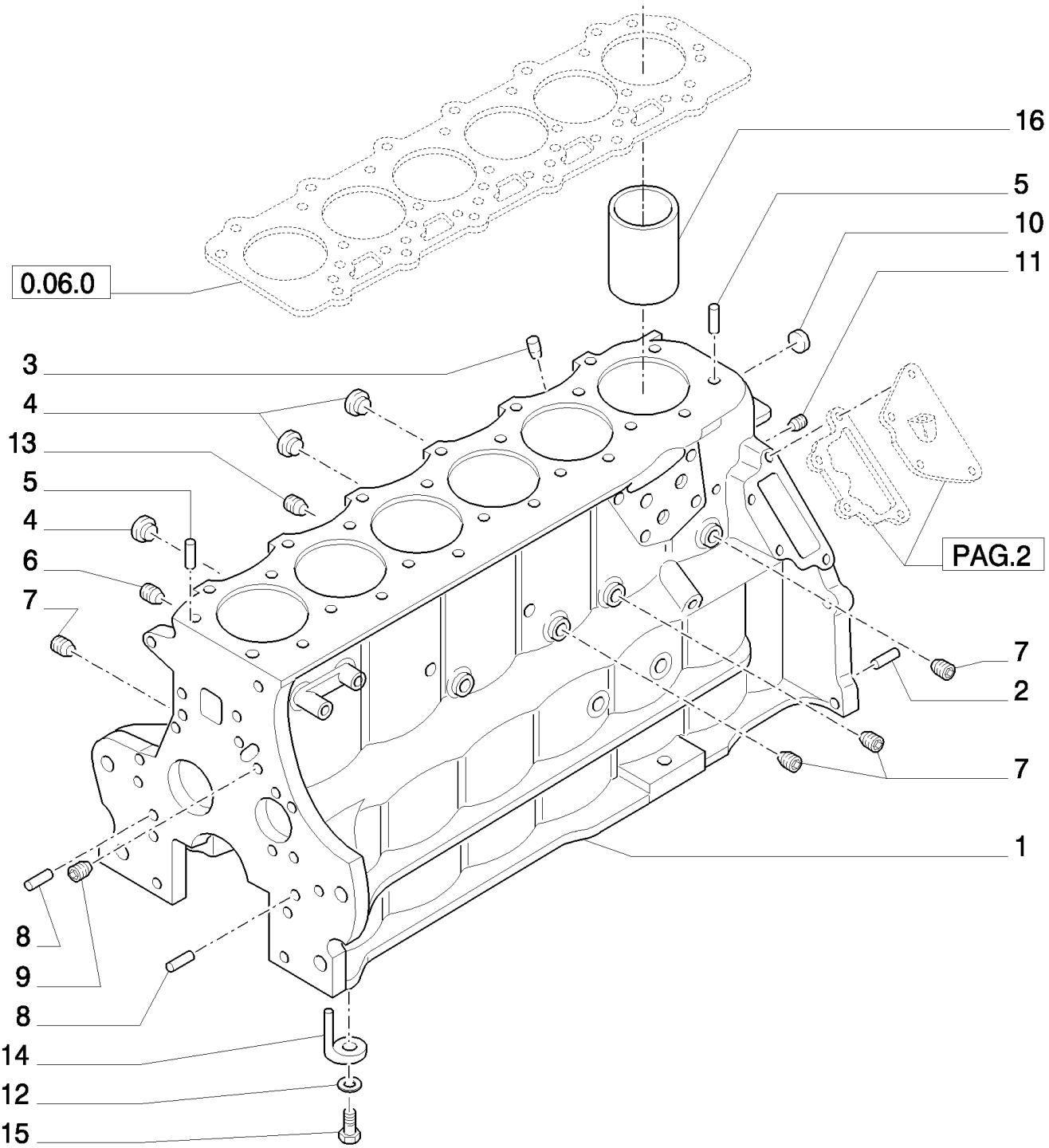
0.02.1 ENGINE ASSY

Ref	Part Number	Qty	Description
1	87802405	1	ENGINE, TM120
1	87802404	1	ENGINE, TM130
1	87802403	1	ENGINE, TM140
1	87802402	1	ENGINE, TM155
1	87803352	1	ENGINE, TM175
1	87803351	1	ENGINE, TM190
2	87802648	1	ENGINE, SHORT, TM120, TM130
2	87802555	1	ENGINE, SHORT, TM140, TM155
2	87802556	1	ENGINE, SHORT, TM175, TM190, -C4874
2	87803390	1	ENGINE, SHORT, TM175, TM190, D4874-

D4874 After date 21 January 2003.

0.04.0(01) CYLINDER BLOCK & RELATED PARTS





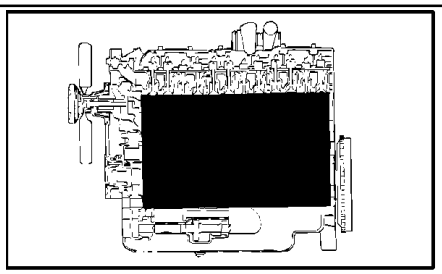
TM190 TRACTOR (6/02-) - Engine

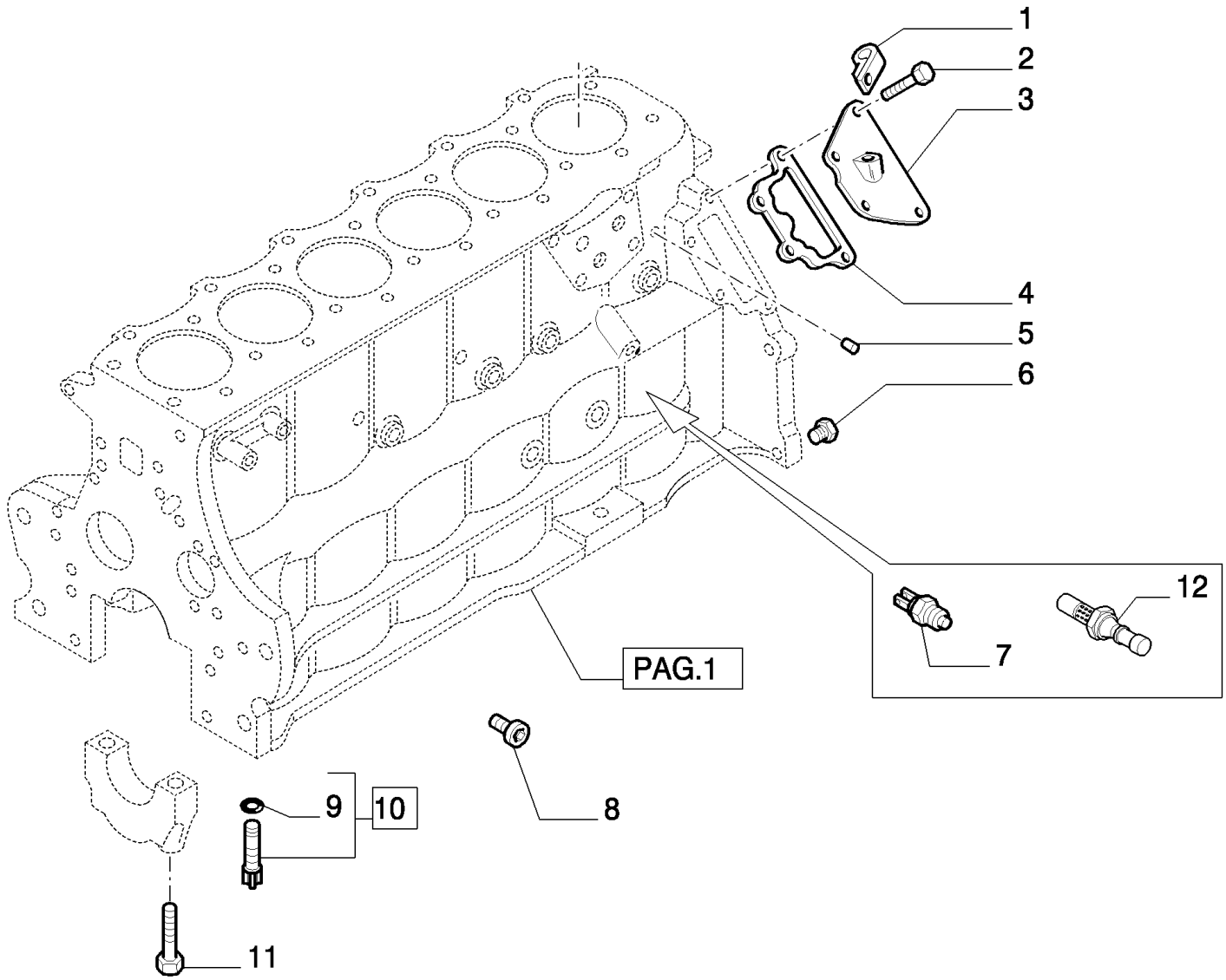
0.04.0(01) CYLINDER BLOCK & RELATED PARTS

Ref	Part Number	Qty	Description
1	87802609	1	CYLINDER BLOCK, TM120, TM130
1	87802528	1	CYLINDER BLOCK, TM140, TM155
1	87802606	1	CYLINDER BLOCK, TM175, TM190, -C4874
1	87802529	1	CYLINDER BLOCK, TM175, TM190, D4874-
2	86505157	2	DOWEL, 1/2" x 1",
3	81876802	1	PLUG, 1-1/2"
4	83957023	3	PLUG, 1.50"
4	83957024	AR	PLUG, 1.56"
5	83960218	2	DOWEL, .676" x .44"
6	81868410	1	PLUG, 1/8"-27
7	81868411	4	PLUG, Pipe, 1/4"-18
8	81808472	2	DOWEL, 3/8" x 1.125"
9	83956679	1	PLUG, .824"
10	83957025	1	PLUG, 1.75", TM120, TM130
10	83957026	AR	PLUG, 1.81", TM120, TM130
11	82851790	1	PLUG, SH, 3/8"-18 x .42"
12	87001S96	6	O-RING, , D4874-
13	F3NN6C057AA	1	PLUG, TM175, TM190
14	87840357	6	NOZZLE, LUB. OIL JET, , D4874-
15	56521S36	6	SCREW, Cap Flg Hd, G5, 5/16"-18 x 7/8", D4874-
16	83998292	6	SLEEVE,

D4874 After date 23 January 2003.

0.04.0(02) CYLINDER BLOCK & RELATED PARTS



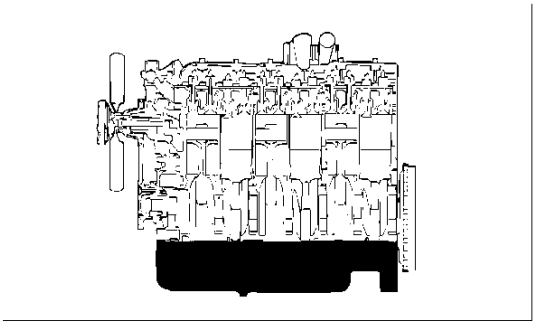


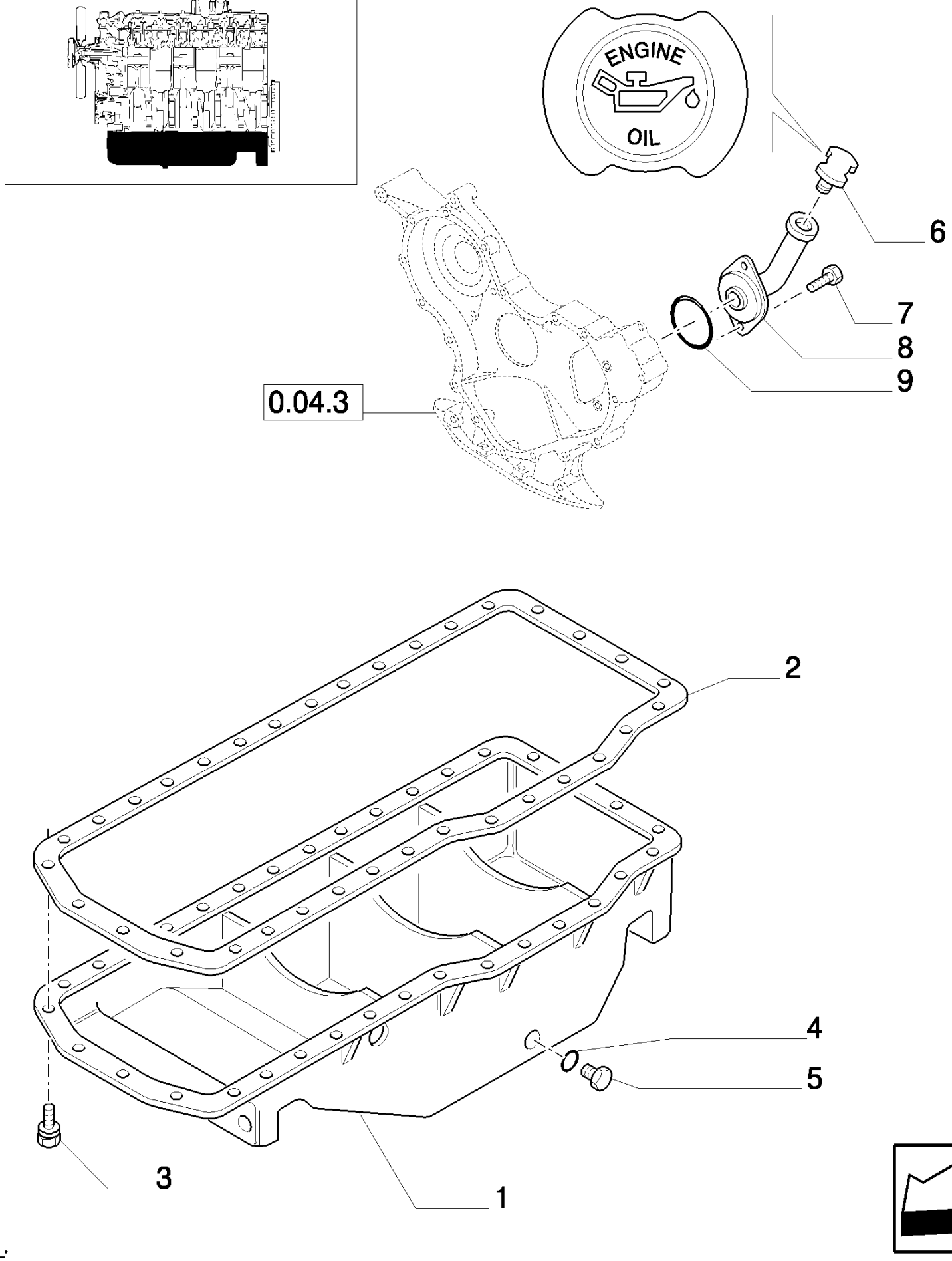
TM190 TRACTOR (6/02-) - Engine

0.04.0(02) CYLINDER BLOCK & RELATED PARTS

Ref	Part Number	Qty	Description
1	354295S100	1	CLIP,
2	83925618	4	BOLT, Cap, Reduced, Flg Hd., UBS, 3/8"-16 x 3/4"
3	F2NND852BA	1	COVER,
4	81822547	1	GASKET,
5	82851791	1	PLUG, HS, 3/8"-18
6	390488S36	1	PLUG, HS, 1/2"-14 x .42"
7	82028130	1	SWITCH, PRESSURE, OIL, TM120, TM130, TM140, TM155, TM175, TM190, w/analogue instrument
7	87344173	1	SENDER UNIT, OIL, TM175, TM190, w/digital instrument
8	87800929	1	PLUG, HH, 1/8"-27 x 1.60"
9	87001S96	6	O-RING, .156" ID x .070" Thk
10	81879050	6	NOZZLE, LUB. OIL JET,
11	87802279	14	BOLT,
12	87533792	1	SWITCH, PRESSURE,

0.04.2 OIL SUMP & RELATED PARTS



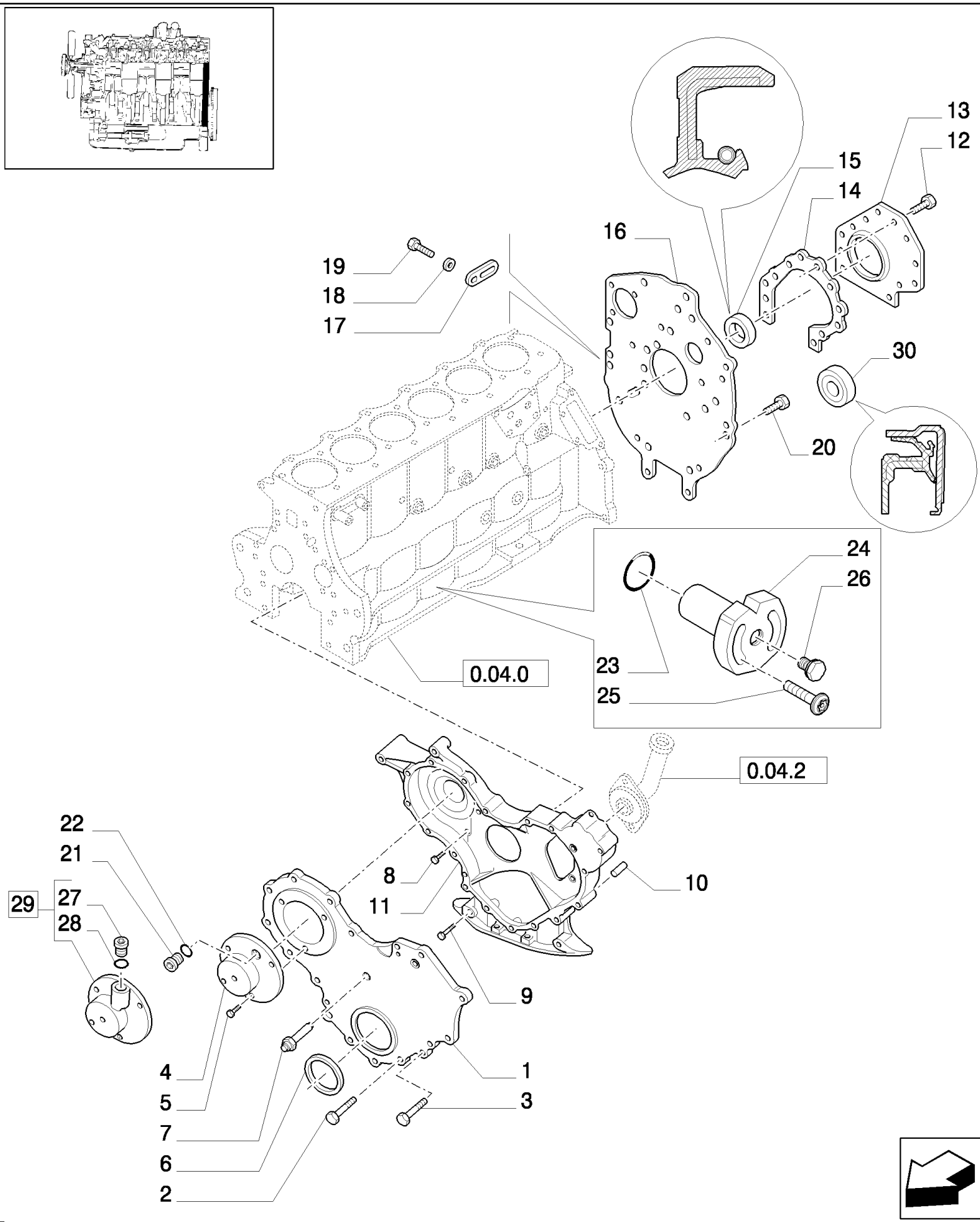


TM190 TRACTOR (6/02-) - Engine

0.04.2 OIL SUMP & RELATED PARTS

Ref	Part Number	Qty	Description
1	87802502	1	PAN, ENGINE OIL,
2	87800945	1	GASKET,
3	87840565	32	SCREW, 3/8"-16 x 1.50"
4	C9NN6734A	1	GASKET,
5	81822147	1	PLUG,
6	F3AE6766BA	1	PLUG,
7	83925618	2	BOLT, Cap, Reduced, Flg Hd., UBS, 3/8"-16 x 3/4"
8	87802571	1	TUBE,
9	510137	1	O-RING, -236, 70 Duro, 3.234" ID x .139" Thk,

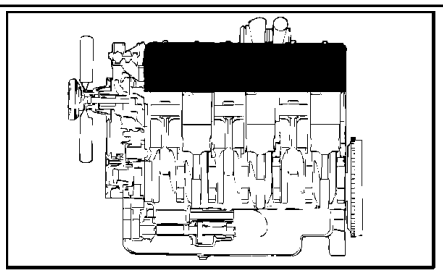
0.04.3 ENGINE COVERS & GASKETS

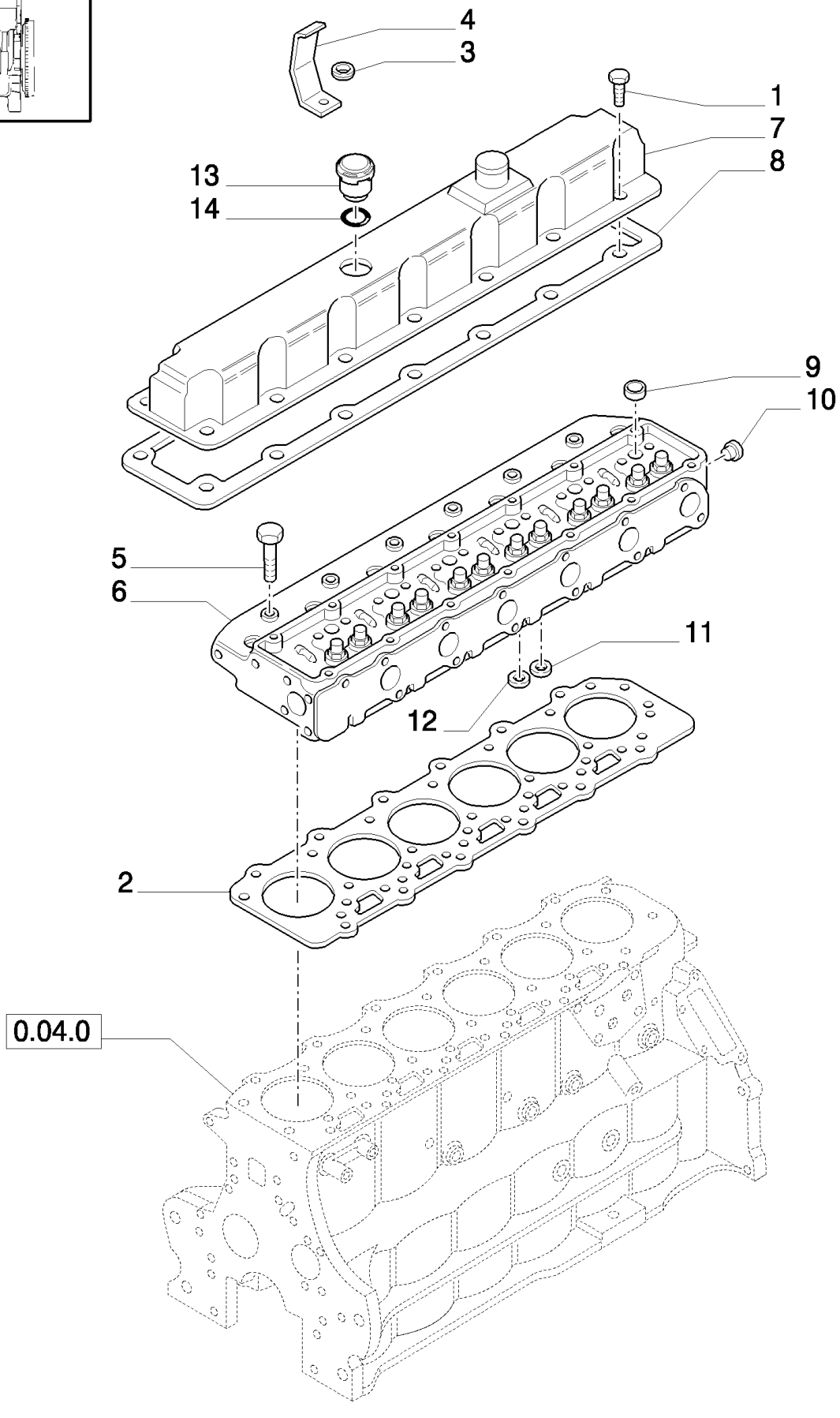


0.04.3 ENGINE COVERS & GASKETS

Ref	Part Number	Qty	Description
1	87802584	1	COVER,
2	81868740	9	BOLT, Flg Hd., G5, 3/8"-16 x 1-1/4"
3	82850968	7	SCREW, 3/8"-16 x 3.25"
4	87801961	1	COVER, Incl. Ref. 21, 22, BSN ACM262152
5	83995273	3	SCREW, Cap, Flg Hd, G5, 3/8"-16 x .88"
6	87301595	1	GASKET,
7	81875775	1	POINTER, TM120, TM130, TM140, TM155
8	83958244	4	SCREW, Cap, HH, G5, Self-Locking, 5/16"-18 x 7/8"
9	81876948	2	BOLT, Cap, Flg Hd, G5, 3/8"-16 x 2"
10	81808472	2	DOWEL, 3/8" x 0.75"
11	87801141	1	COVER, TM120, TM130, TM140, TM155
11	87802377	1	COVER, TM175, TM190
12	81876604	12	BOLT, Cap, Flg Hd, G5, 5/16"-18 x .62"
13	87801621	1	PLATE,
14	87801610	1	GASKET,
15	87802757	1	SEAL, , -C5403
16	82004927	2	PLATE,
17	81804217	1	COVER,
18	80080681	1	WASHER, LOCK,
19	16043224	1	BOLT, Hex, M8 x 16, 8.8, Full Thd,
20	81876945	1	BOLT,
21	10300714	1	PLUG, M16 x 1.5 x 14,
22	10281385	1	GASKET, 16.3X22X0.22
23	86629540	1	O-RING, -214, 70 Duro, .984" ID x .139" Thk,
24	87802089	1	BUSHING,
25	87802615	2	SCREW,
26	83999982	1	PLUG,
27	10119311	1	PLUG, M16 x 1.5 x 12, Cl5.8, , ASN ACM262153
28	14437885	1	O-RING, 13.3MM ID x 2.4 Thk, , ASN ACM262153
29	87348111	1	, ASN ACM262153
30	87381732	1	SEAL, , D5403-

0.06.0(01) CYLINDER HEAD & RELATED PARTS



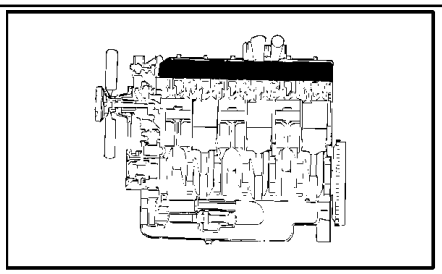


TM190 TRACTOR (6/02-) - Engine

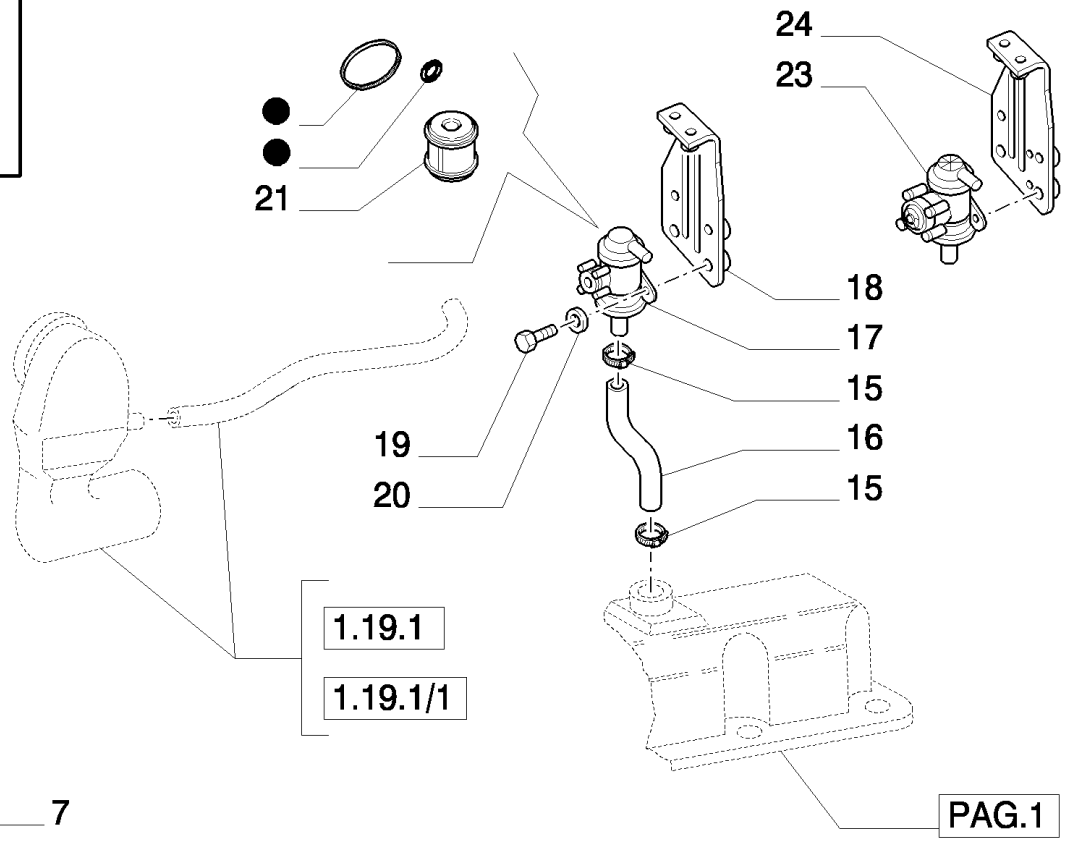
0.06.0(01) CYLINDER HEAD & RELATED PARTS

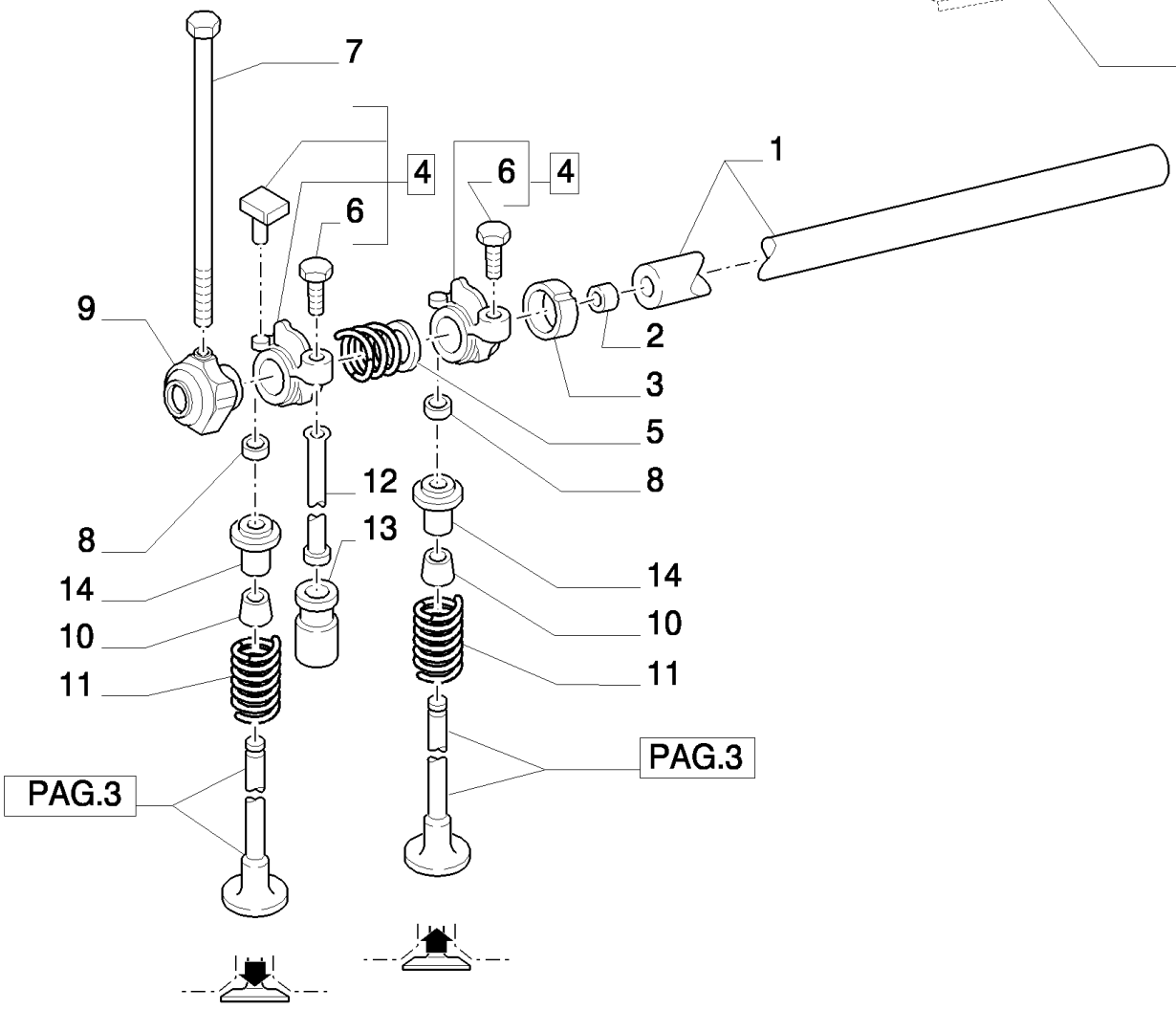
Ref	Part Number	Qty	Description
1	83949109	14	BOLT, Flg Hd, G5, 5/16"-18 x .62"
2	87801753	1	GASKET, CYLINDER HEAD, TM140, TM155, TM175, TM190
2	87801752	1	GASKET, CYLINDER HEAD, TM120, TM130
3	83925582	3	WASHER, 11/32"
4	82007695	3	CLIP,
5	87802206	19	BOLT,
6	87802943	1	CYLINDER HEAD, TM120, TM130, TM140, TM155
6	87802525	1	CYLINDER HEAD, TM175, TM190
7	87802611	1	COVER, VALVE,
8	83976376	1	GASKET,
9	83957021	11	PLUG, 1.13"
9	83957022	AR	PLUG, 1.18"
10	83957025	1	PLUG, 1.75"
10	83957026	AR	PLUG, 1.81"
11	81876756	6	INSERT, STANDARD, INTAKE, TM120, TM130, TM140, TM155
11	81876763	AR	INSERT, -0,254/INTAKE, TM120, TM130, TM140, TM155
11	81876768	AR	INSERT, -0,508/INTAKE, TM120, TM130, TM140, TM155
11	87801981	6	INSERT, STANDARD, INTAKE, TM175, TM190
11	87802015	AR	INSERT, 0,25, INTAKE, TM175, TM190
11	87802016	AR	INSERT, 0,51, INTAKE, TM175, TM190
12	81865194	6	INSERT, Exhaust, Standard
12	81865195	AR	INSERT, -0,254/EXHAUST
12	81865196	AR	INSERT, 0,508/EXHAUST
13	87802769	1	VALVE, PRESSURE RELIEF,
14	83958239	1	GROMMET,

0.06.0(02) CYLINDER HEAD, ROCKER ARM, VALVES & RELATED PARTS



KIT ● = 22

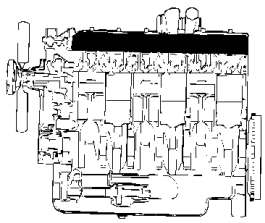


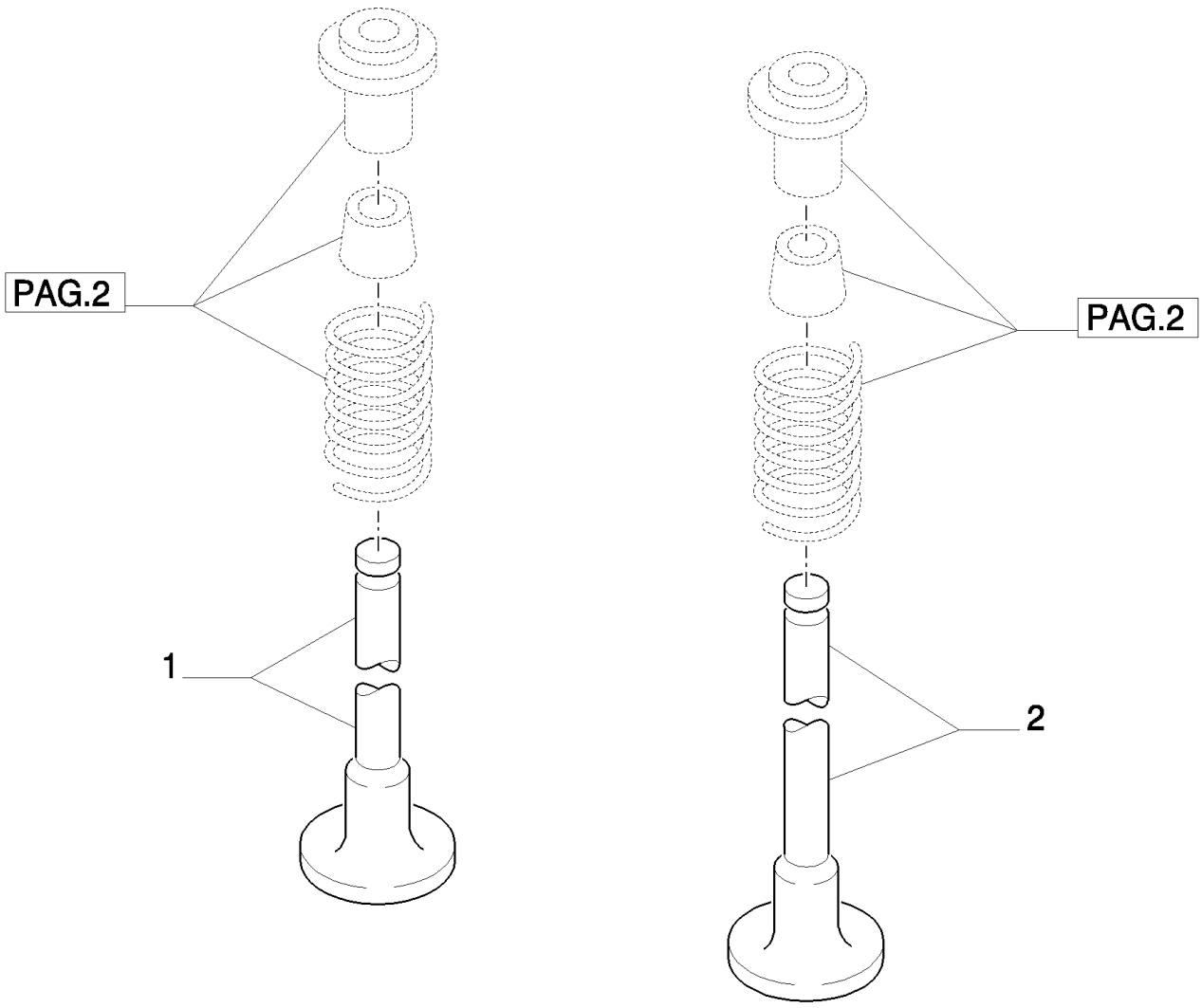


0.06.0(02) CYLINDER HEAD, ROCKER ARM, VALVES & RELATED PARTS

Ref	Part Number	Qty	Description
1	83903587	1	SHAFT,
2	83417040	2	PLUG, Cup, .755"
3	81818731	6	SPACER,
4	87802660	12	ROCKER ARM,
5	81804341	6	SPRING,
6	87801302	12	SCREW,
7	87802207	7	BOLT,
8	87802301	24	BUSHING,
9	83903589	7	SUPPORT,
10	87801992	12	SEAL,
11	83999742	12	SPRING,
12	87802513	12	ROD, PUSH,
13	87802716	12	TAPPET,
14	87802300	12	RETAINER,
15	82039347	2	CLAMP, HOSE,
16	87360371	1	HOSE, TM120, TM130, TM140, TM155
16	87519518	1	HOSE, TM175, TM190
17	87803810	1	BODY, Incl. 21, BSN ACM264533
17	87342730	1	OIL SEPARATOR, Incl. 21, BTW ACM264534 & ACM264533
18	87802510	1	BRACKET, , BSN ACM264533
19	11106221	4	BOLT, Hex, M10 x 25, 8.8, Full Thd,
20	14496621	4	WASHER, M10 x 21 x 2,
21	87802519	1	FILTER, ELEMENT,
22	87803811	1	KIT, SEALS,
23	87364042	1	, ASN ACM264534
24	87365118	1	BRACKET, , ASN ACM264534

0.06.0(03) CYLINDER HEAD, ROCKER ARM, VALVES & RELATED PARTS



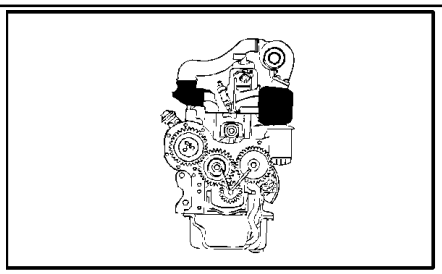


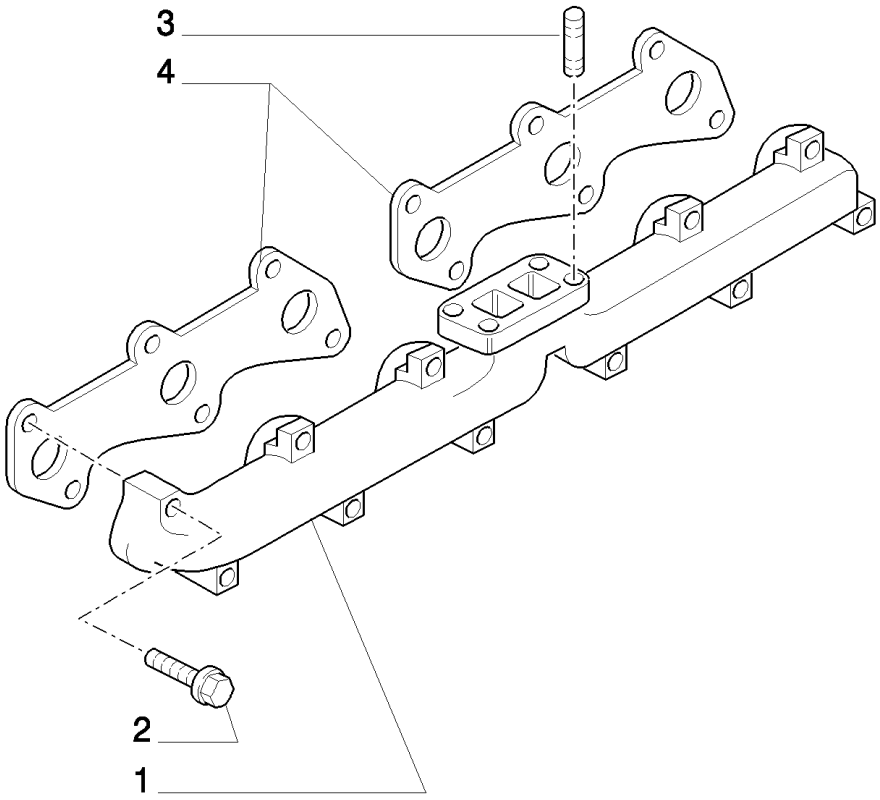
0.06.0(03) CYLINDER HEAD, ROCKER ARM, VALVES & RELATED PARTS

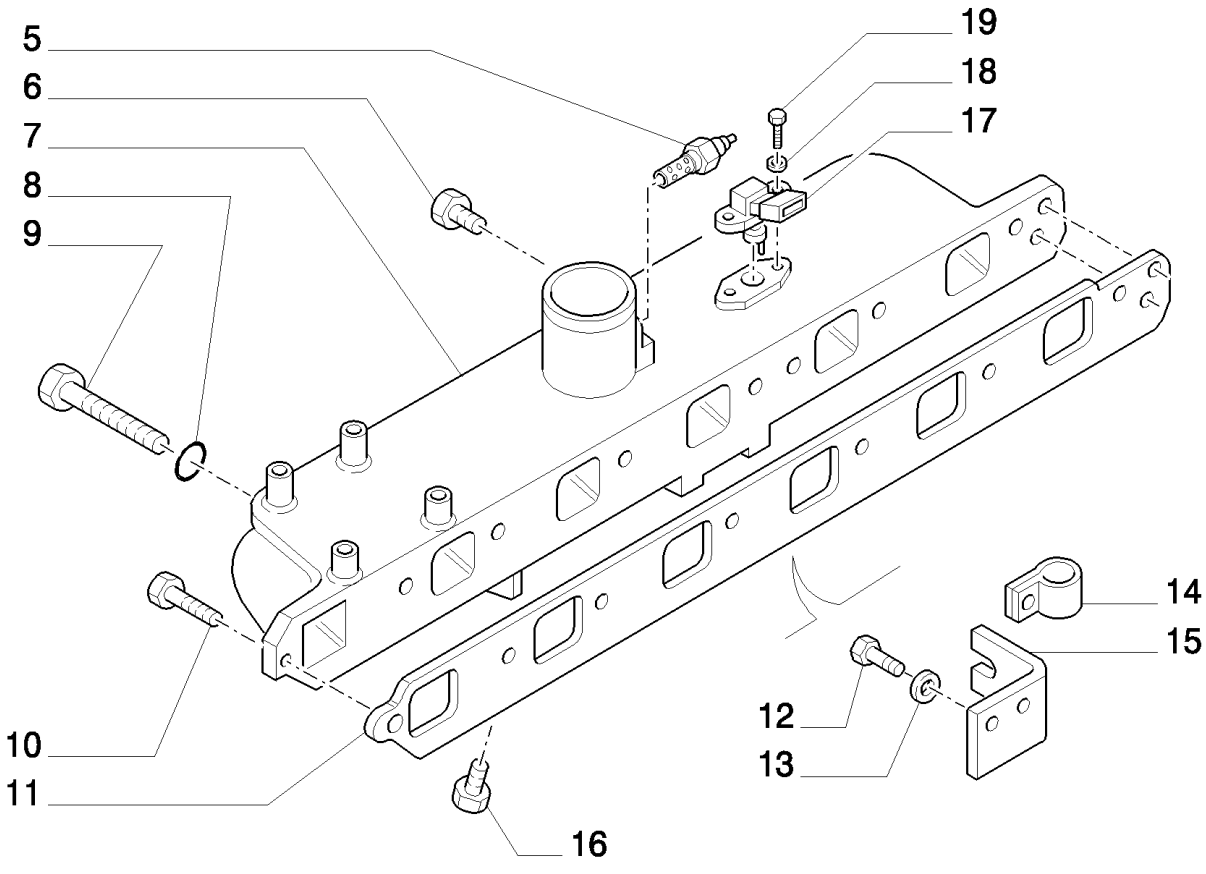
Ref	Part Number	Qty	Description
1	87802256	6	VALVE, ENGINE, INLET, STD,
1	87802257	6	VALVE, INLET, OVERSIZE, , BSN 09/02/03
2	87802258	6	VALVE, ENG EXHAUST, STD,
2	87802259	6	VALVE, EXHAUST, OVERSIZE, , BSN 09/02/03

C4904 After Date 09/02/03

0.07.0 SUCTION AND EXHAUST DUCT





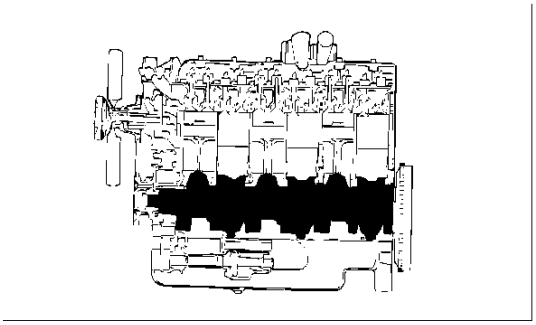


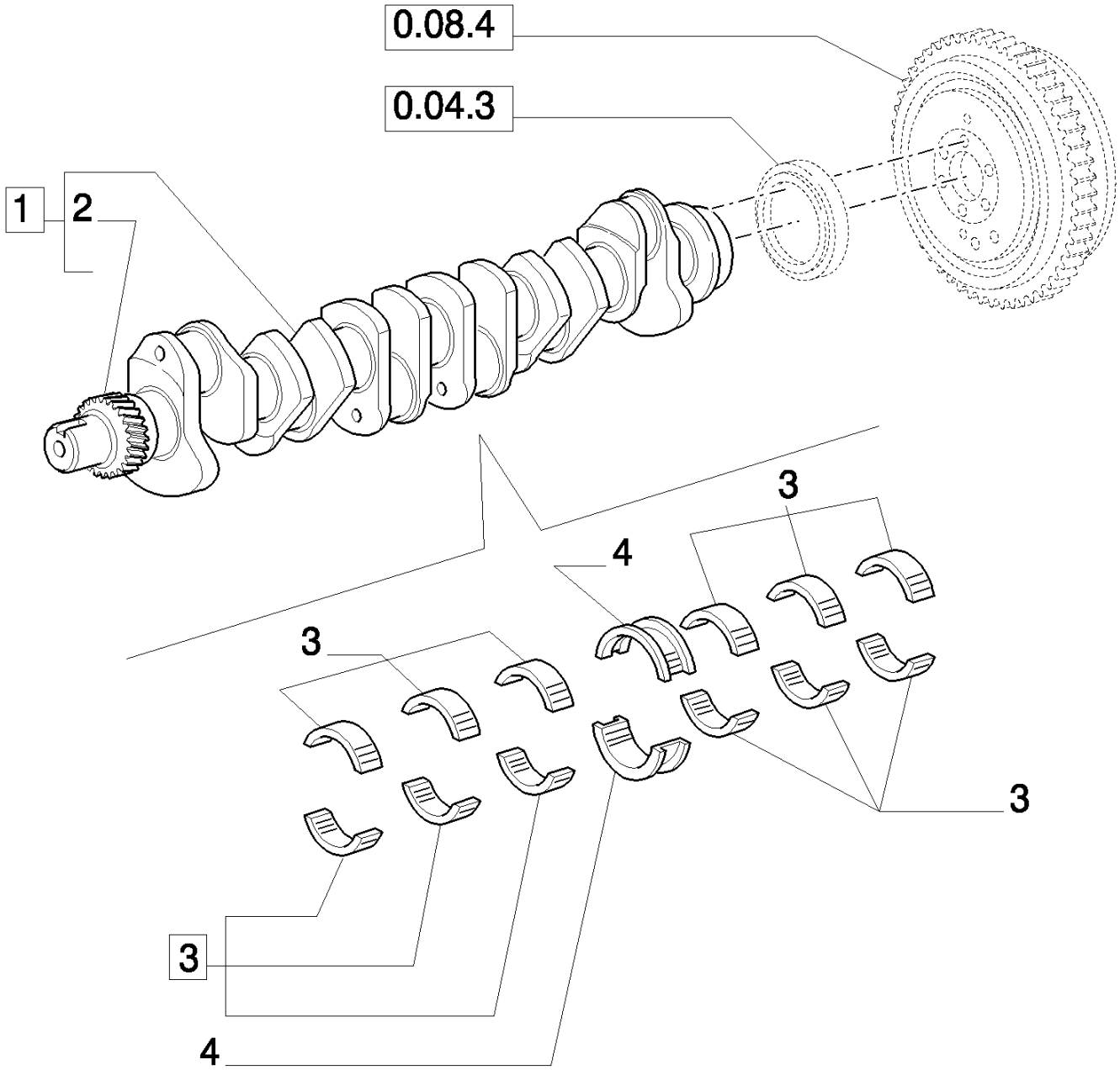
TM190 TRACTOR (6/02-) - Engine

0.07.0 SUCTION AND EXHAUST DUCT

Ref	Part Number	Qty	Description
1	87802374	1	MANIFOLD, EXHAUST,
2	87802145	12	BOLT,
3	87803213	4	STUD,
4	87801658	2	GASKET, MANIFOLD,
5	87800843	1	PLUG,
6	82851791	1	PLUG, HS, 3/8"-18
7	87803273	1	MANIFOLD, INLET,
8	14452981	5	O-RING, -012, Cl 7, .364" ID x .070" Thk,
9	81868474	5	BOLT, Cap, Flg Hd., 3/8"-16 x 5"
10	81868740	2	BOLT, Flg Hd., G5, 3/8"-16 x 1-1/4"
10	83958605	1	BOLT, Flg Hd., G5, 3/8"-16 x 1-1/2"
11	87840759	1	GASKET,
12	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
13	10516674	2	WASHER, LOCK,
14	354295S100	2	CLIP,
15	82008659	1	BRACKET,
16	88071	1	PLUG, Pipe, 1/8"-27
17	82017873	1	SENSOR,
18	14496301	2	WASHER,
19	10977821	2	BOLT, Hex, M5 x 16, 8.8, Full Thd,

0.08.0(02) CRANKSHAFT & RELATED PARTS



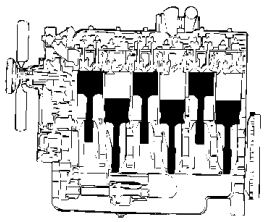


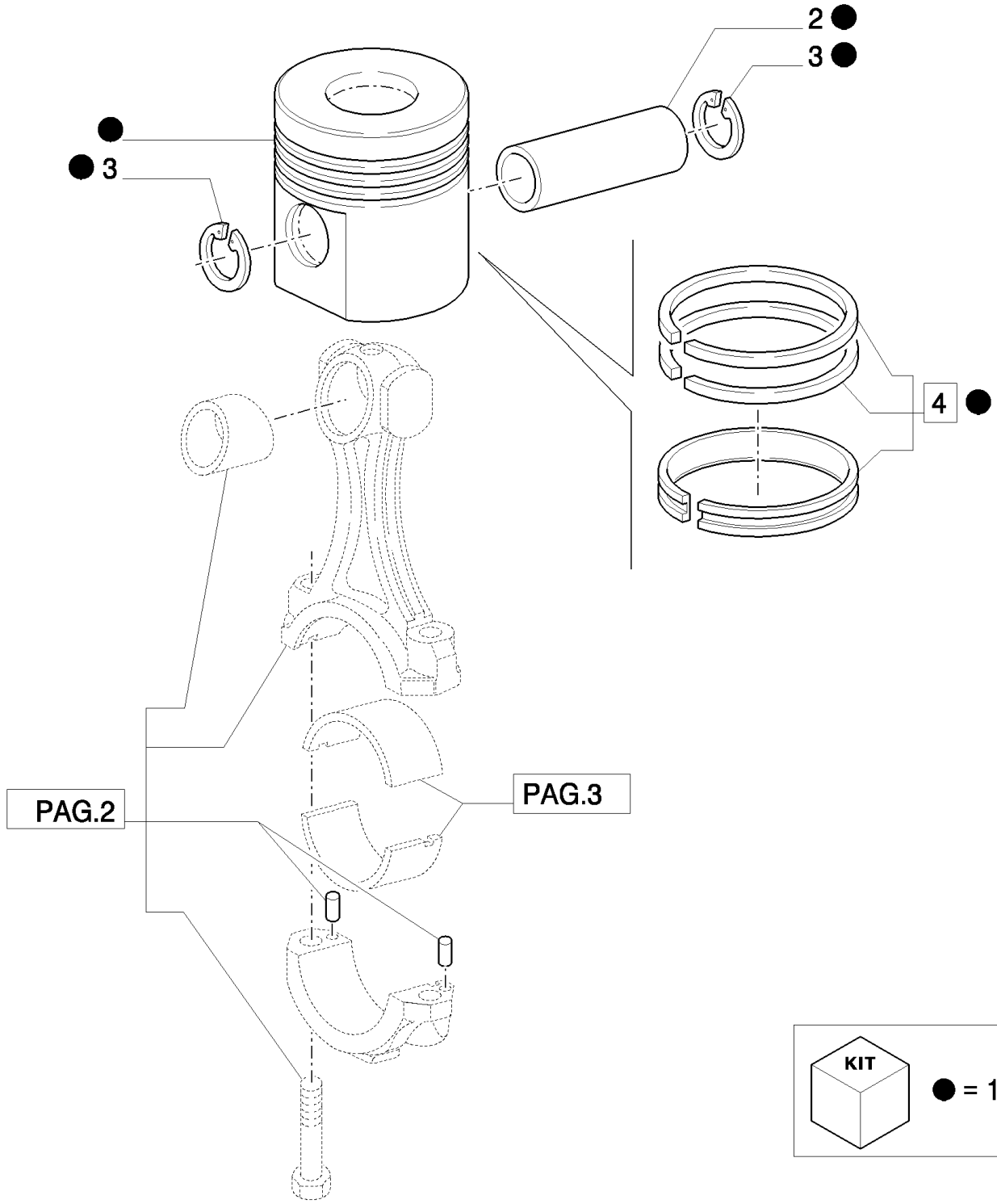
TM190 TRACTOR (6/02-) - Engine

0.08.0(02) CRANKSHAFT & RELATED PARTS

Ref	Part Number	Qty	Description
1	87802591	1	CRANKSHAFT,
2	E9HN6306AB	1	GEAR,
3	87790342	6	SET OF MAIN BRGS.STD,
3	87790343	AR	SET OF MAIN BRGS - 0.762, .002" U/S, Green
3	87790344	AR	SET OF MAIN BRGS -0.254, .010" U/S, White
3	87790345	AR	SET OF MAIN BRGS -0.508mm, .020" U/S
3	87790346	AR	SET OF MAIN BRGS - 0.762, .030" U/S
3	87790347	AR	SET OF MAIN BRGS - 1.016, .040" U/S
4	87790362	1	SET, THRUST WASHERS (STD),
4	87790363	AR	SET OF MAIN BRGS - 1.016, .002" U/S, Green
4	87790364	AR	SET, THRUST WASHERS +0.25, .010" US, White
4	87790365	AR	SET,THRUST WASHERS +0.508, .020" U/S
4	87790366	AR	SET OF MAIN BRGS - 0.762, .030" U/S
4	87790367	AR	SET, THRUST WASHERS+0.102, .040" U/S

0.08.2(01) PISTON & CONNECTING ROD





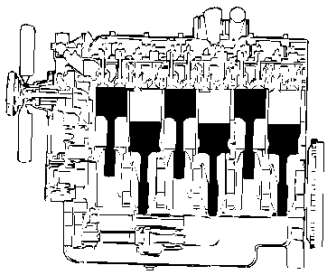
KIT ● = 1

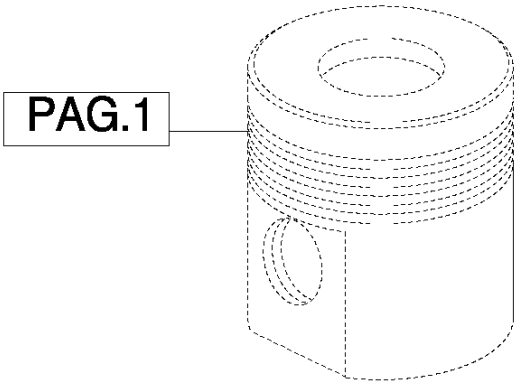
C4874 Before Date 01/10/03 for TM175, TM190 only

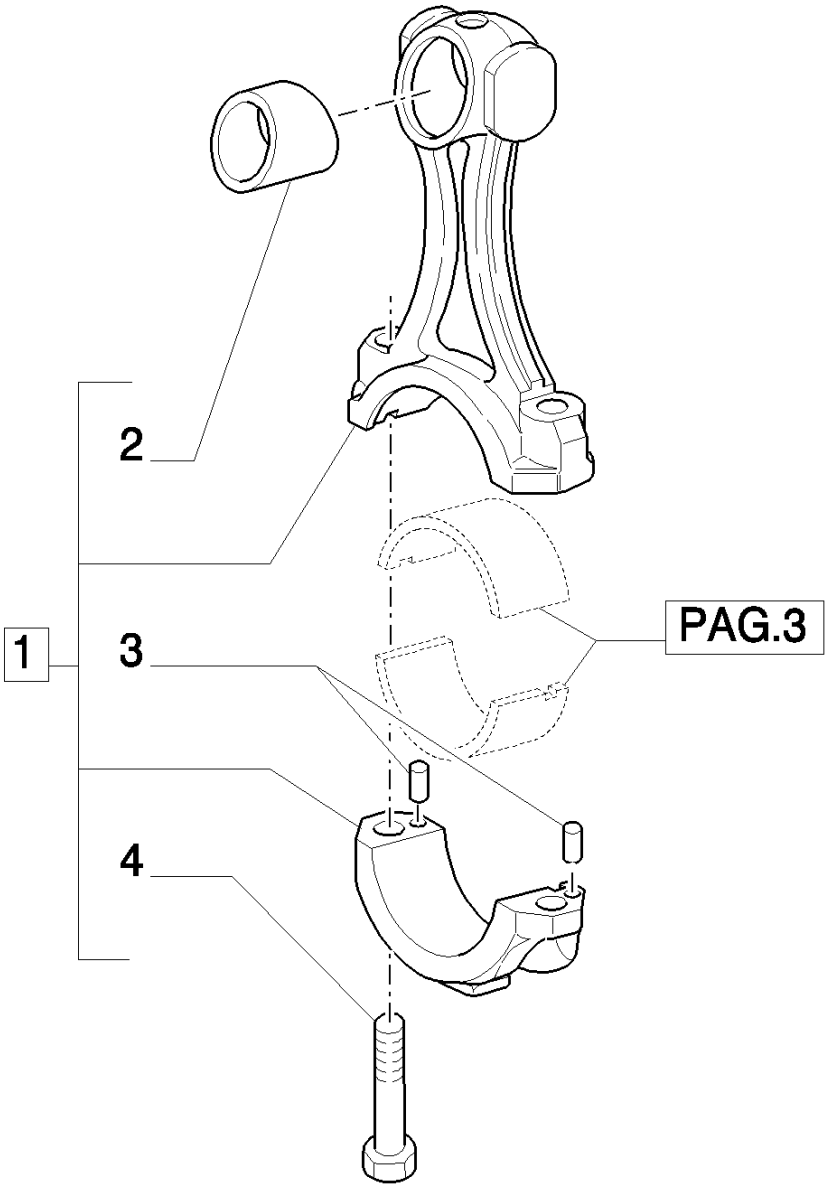
0.08.2(01) PISTON & CONNECTING ROD

Ref	Part Number	Qty	Description
1	87802672	6	KIT, PISTON & RINGS, STD
2	87801741	6	PIN, PISTON,
3	271429	12	RING, SNAP, 1.625", Int, #162,
4	87802835	6	KIT, PISTON RINGS, STD

0.08.2(02) PISTON & CONNECTING ROD





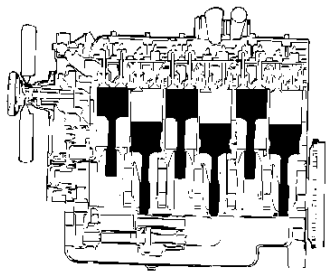


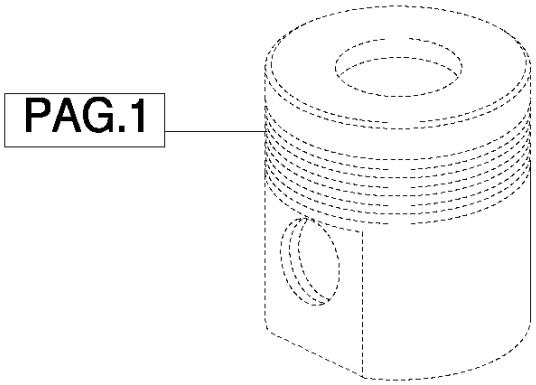
0.08.2(02) PISTON & CONNECTING ROD

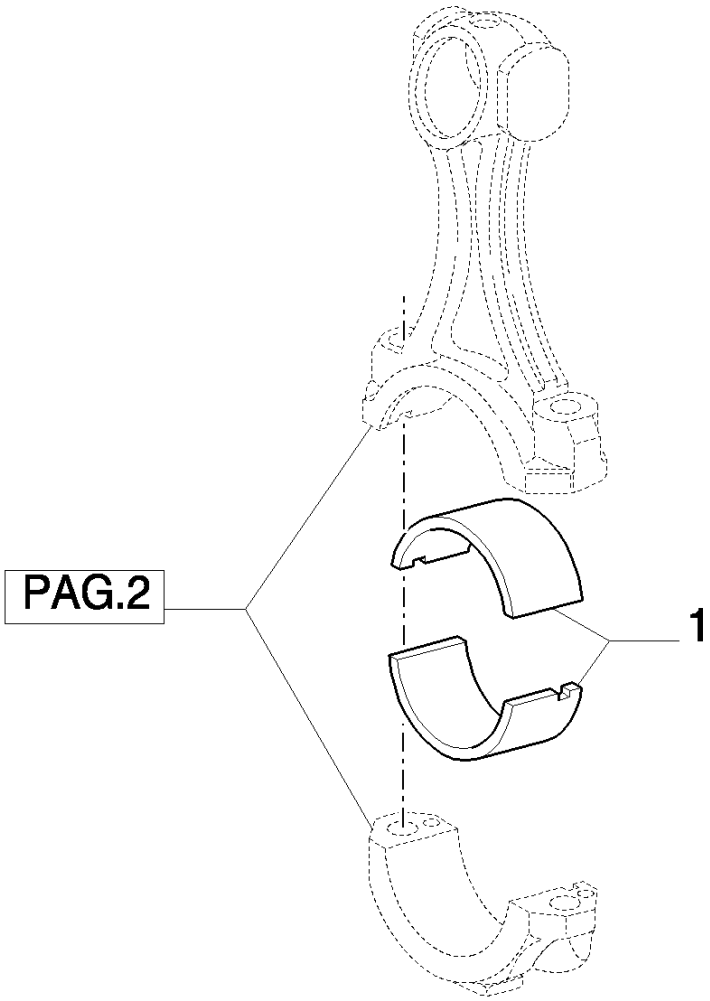
Ref	Part Number	Qty	Description
1	87801219	6	ROD, CONNECTING,
2	87840994	6	BUSHING,
3	83991680	12	PIN,
4	87802307	12	SCREW, Cap, HH, G9, 1/2"-20 x 2-3/16"

C4874 Before Date 01/10/03 for TM175, TM190 only

0.08.2(03) PISTON & CONNECTING ROD





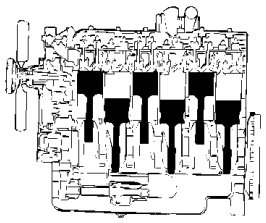


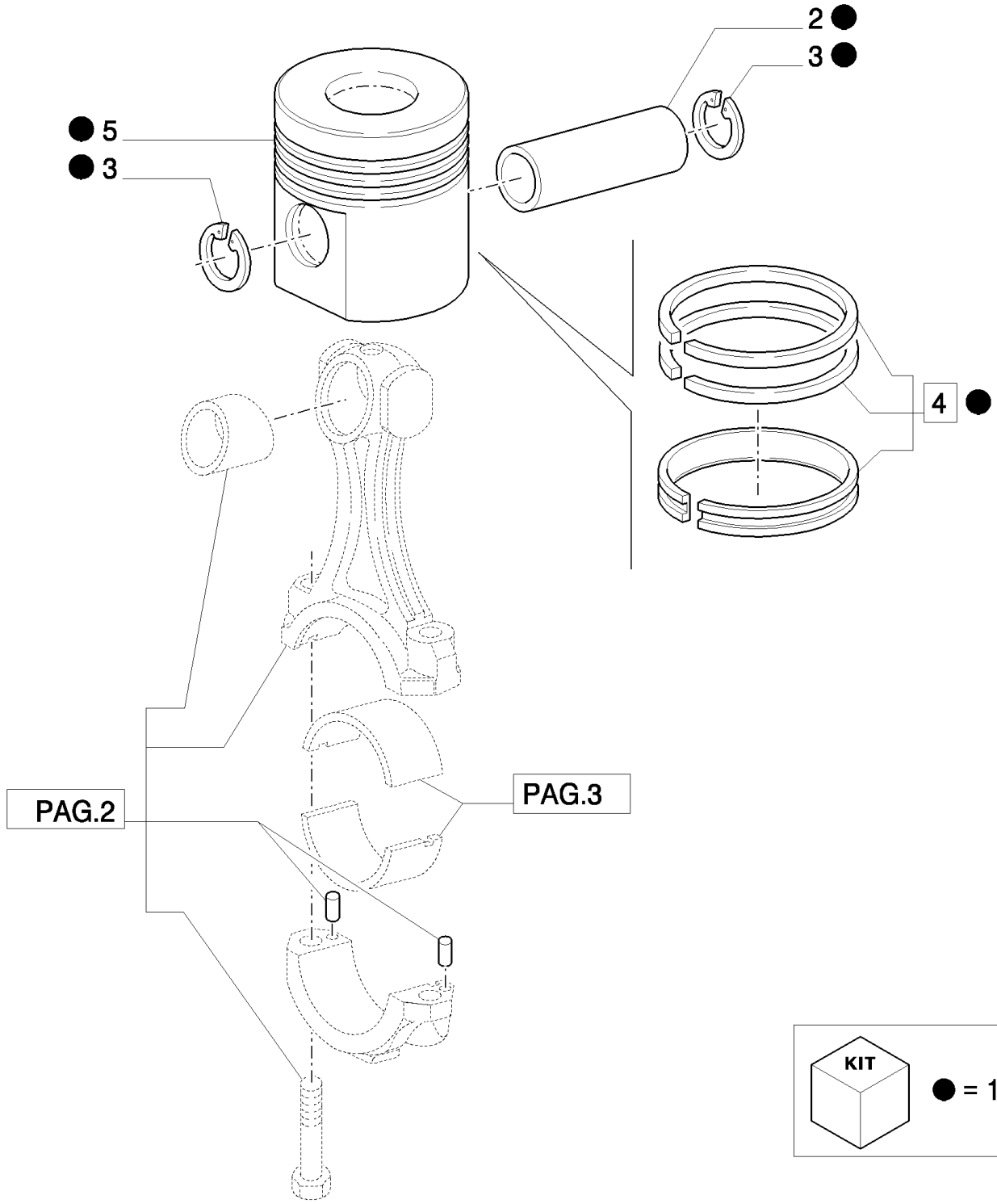
0.08.2(03) PISTON & CONNECTING ROD

Ref	Part Number	Qty	Description
1	87790304	6	SET, CONN ROD BRGS (STD), Connecting Rod Bearing, Standard
1	87790305	AR	SET OF CONN ROD BRGS U/S, .002" (.051mm)
1	87790306	AR	SET OF CONN ROD BRGS U/S, .010" (.25mm)
1	87790307	AR	SET OF CONN ROD BRGS U/S, .020" (.51mm)
1	87790308	AR	SET OF CONN ROD BRGS U/S, .030" (.76mm)
1	87790309	AR	SET OF CONN ROD BRGS U/S, .040" (1.02mm)

C4874 Before Date 01/10/03 for TM175, TM190 only

0.08.2/01(01) PISTON & CONNECTING ROD - D4874





KIT ● = 1

D4874 After Date 21 October, 2003 D4912 After Date 02 May, 2003

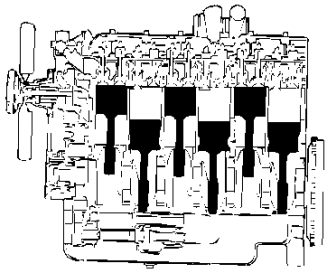
TM190 TRACTOR (6/02-) - Engine

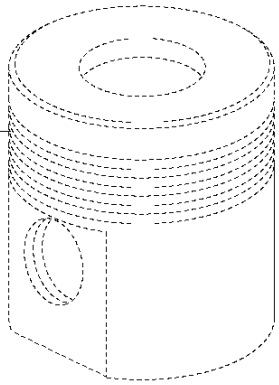
0.08.2/01(01) PISTON & CONNECTING ROD - D4874

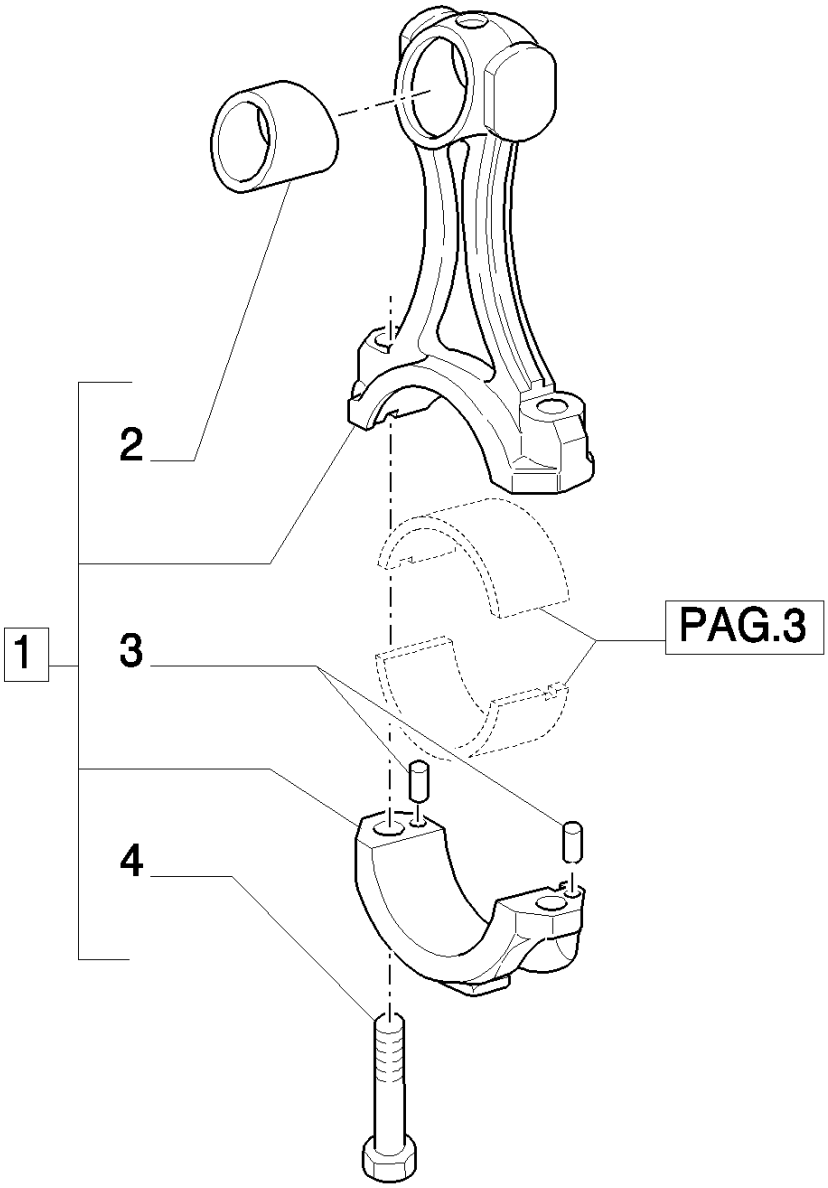
Ref	Part Number	Qty	Description
1	87803394	6	KIT, PISTON & RINGS, STD
2	87801743	6	PIN, PISTON,
3	66967	12	RING, SNAP, 1.75", Int, #175,
4	87802835	6	KIT, PISTON RINGS, STD
5	87803385	1	PISTON, , D4912-

D4874 After Date 21 October, 2003 D4912 After Date 02 May, 2003

0.08.2/01(02) PISTON & CONNECTING ROD - D4874





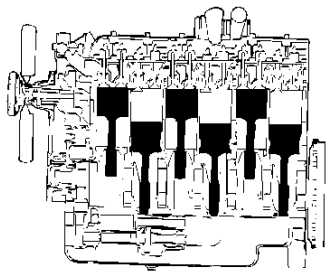


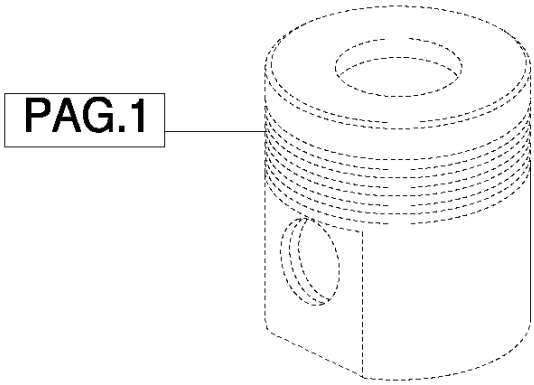
0.08.2/01(02) PISTON & CONNECTING ROD - D4874

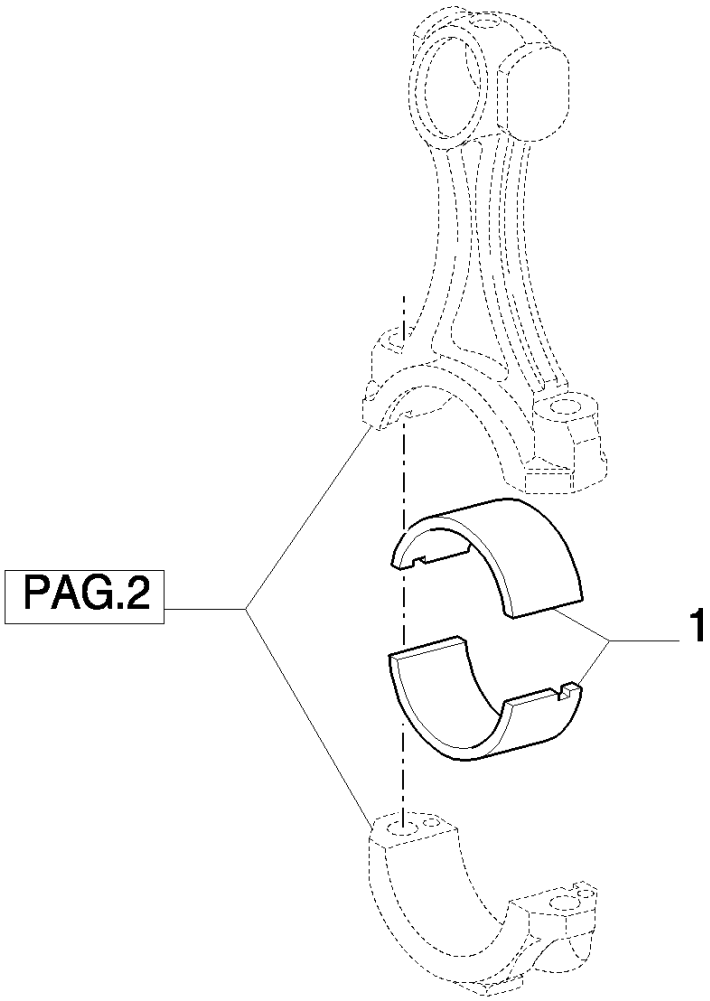
Ref	Part Number	Qty	Description
1	87801221	6	ROD, CONNECTING,
2	87840539	6	BUSHING,
3	83991680	12	PIN,
4	87802307	12	SCREW, Cap, HH, G9, 1/2"-20 x 2-3/16"

D4874 After Date 01 October, 2003

0.08.2/01(03) PISTON & CONNECTING ROD - D4874





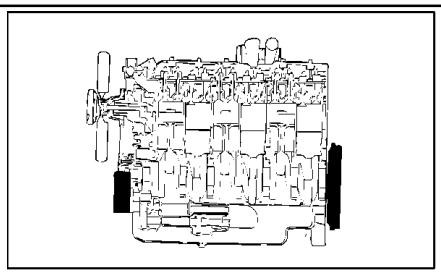


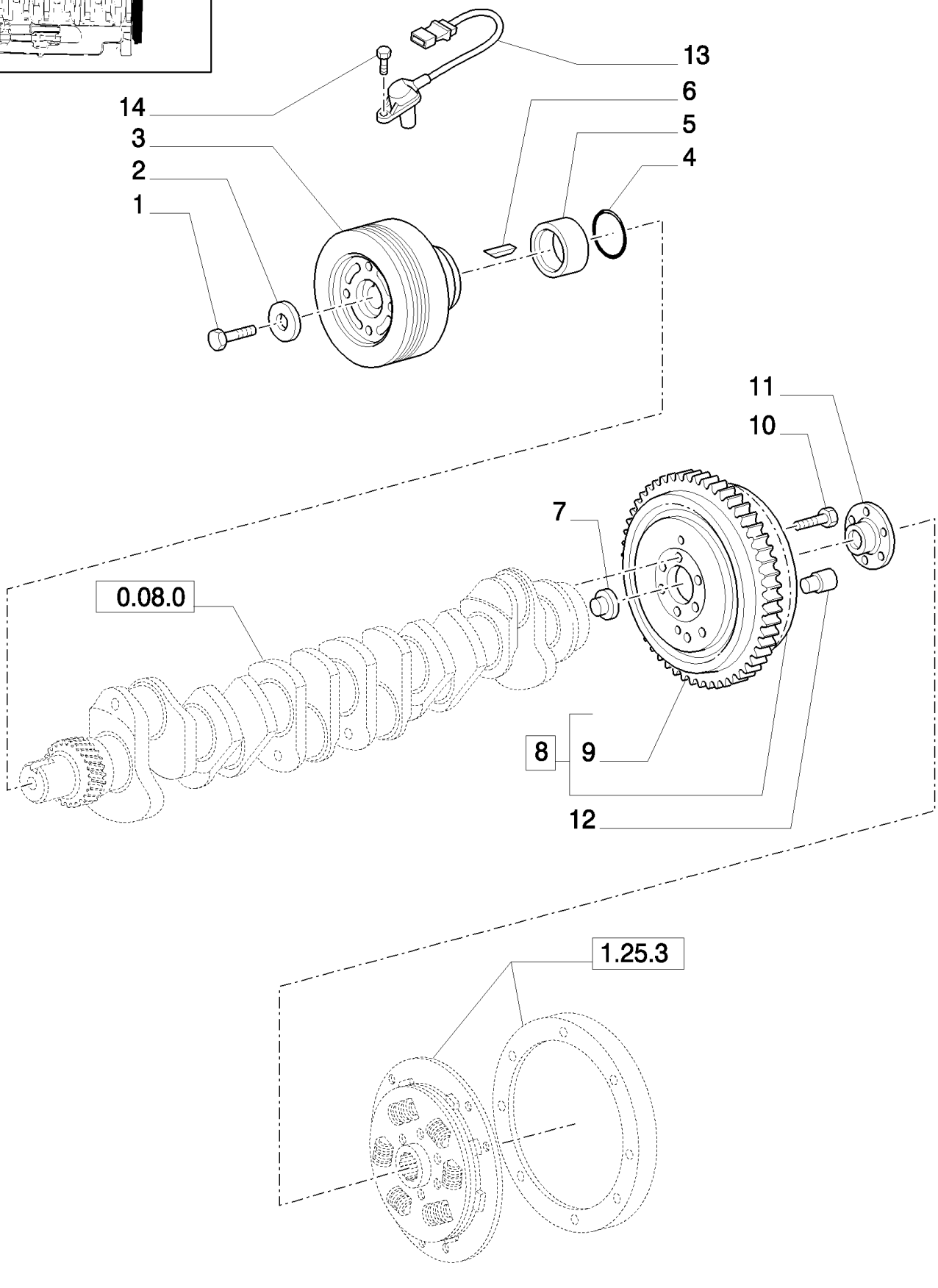
0.08.2/01(03) PISTON & CONNECTING ROD - D4874

Ref	Part Number	Qty	Description
1	87790304	6	SET, CONN ROD BRGS (STD), Connecting Rod Bearing, Standard
1	87790305	AR	SET OF CONN ROD BRGS U/S, .002" (.051mm)
1	87790306	AR	SET OF CONN ROD BRGS U/S, .010" (.25mm)
1	87790307	AR	SET OF CONN ROD BRGS U/S, .020" (.51mm)
1	87790308	AR	SET OF CONN ROD BRGS U/S, .030" (.76mm)
1	87790309	AR	SET OF CONN ROD BRGS U/S, .040" (1.02mm)

D4874 After Date 01 October, 2003

0.08.4 DAMPER AND FLYWHEEL



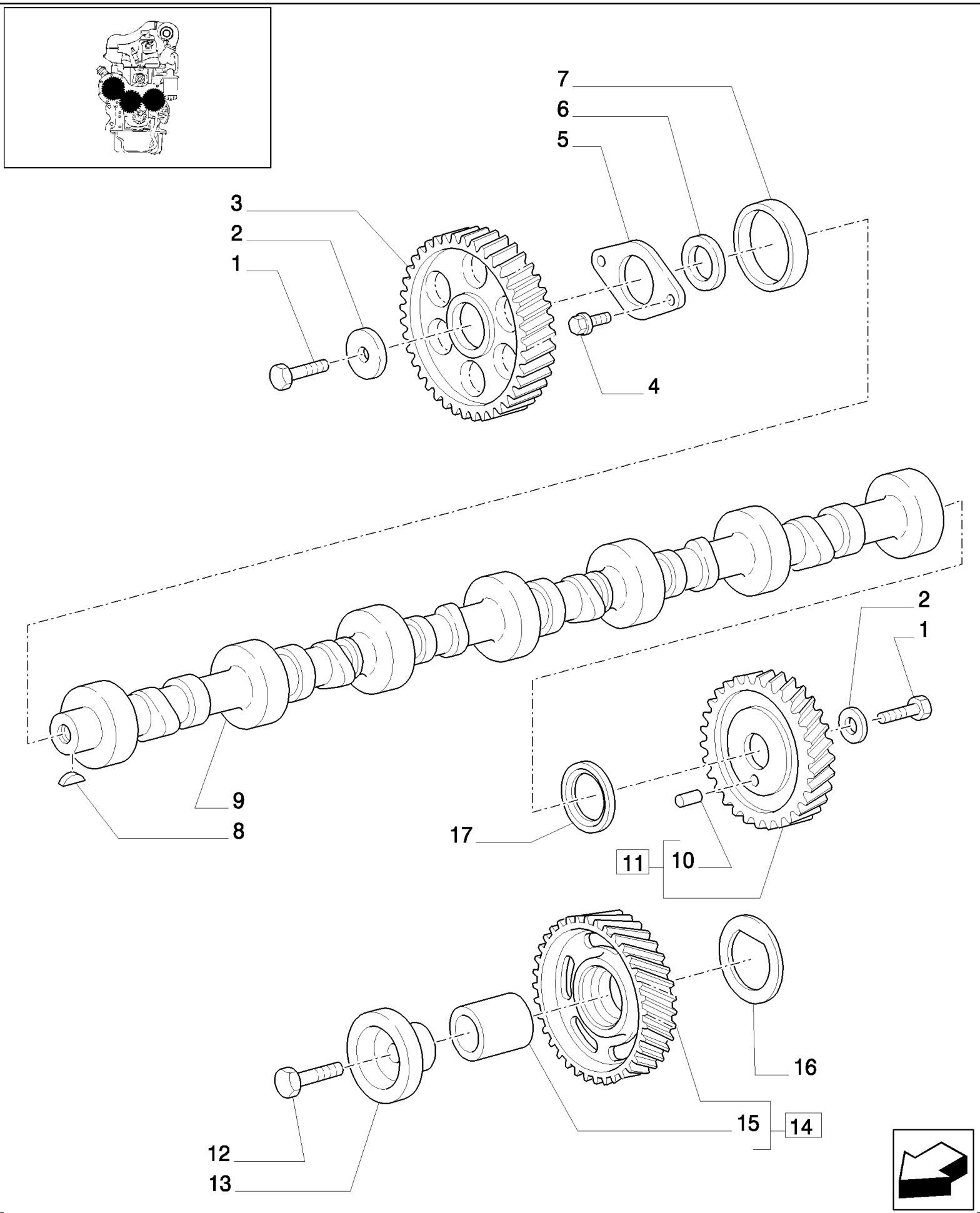


TM190 TRACTOR (6/02-) - Engine

0.08.4 DAMPER AND FLYWHEEL

Ref	Part Number	Qty	Description
1	82895561	1	SCREW, Cap, HH, G5, 3/4"-16 x 1-3/4"
2	83990589	1	WASHER,
3	87802666	1	DAMPER, TM120, TM130, TM140, TM155
3	87802600	1	DAMPER, TM175, TM190
4	14459081	1	O-RING, -132, Cl 7, 1.737" ID x .103" Thk,
5	87800705	1	SPACER,
6	87802616	1	KEY,
7	82002586	1	BUSHING,
8	82003744	1	FLYWHEEL, ENGINE, TM120, TM130, TM140, W/Mec. trans. 20x16
8	82003745	1	FLYWHEEL, ENGINE, TM120, TM130, TM140, TM155, W/semi power shift trans.
8	87802598	1	FLYWHEEL, ENGINE, TM175, TM190
8	82016351	1	FLYWHEEL, ENGINE, , W/full power shift trans.18X6 (40 Kph-4WD) and 17X6 (30 Kph) Equip.281
9	83949153	1	GEAR, RING,
10	82935791	6	SCREW, Cap, HH, G5, Self-Locking, 9/16"-18 x 1-7/8", TM120, TM130, TM140, W/Mec. trans. 20x16
10	83909956	AR	SCREW, Cap, HH, G8, Self-Locking, 9/16"-18 x 1-5/8", Q.TY=6 FOR FLYWHELL 82003745 AND 82016351, Q.TY=8 FOR FLYWHELL 87802598
11	82001274	1	HUB, TM120, TM130, TM140, W/Mec. trans. 20x16
12	E116GC9	AR	DOWEL, TM175, TM190, Q.TY=3 FOR FLYWHELL 82003745 AND 82003744, Q.TY=4 FOR FLYWHELL 87802598 AND 82016351
13	82030048	1	SENSOR, TM175, TM190, CRANKSHAFT SPEED SENSOR
14	14305724	1	SCREW, Hex Soc Hd, M6 x 14, 8.8,

0.12.0 DRIVE-GEARING TAPPETS AND PUSHRODS

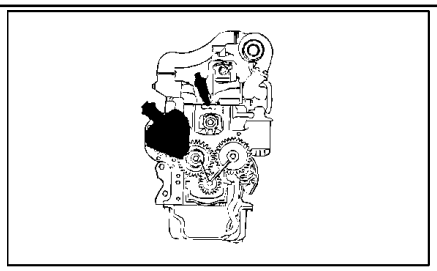


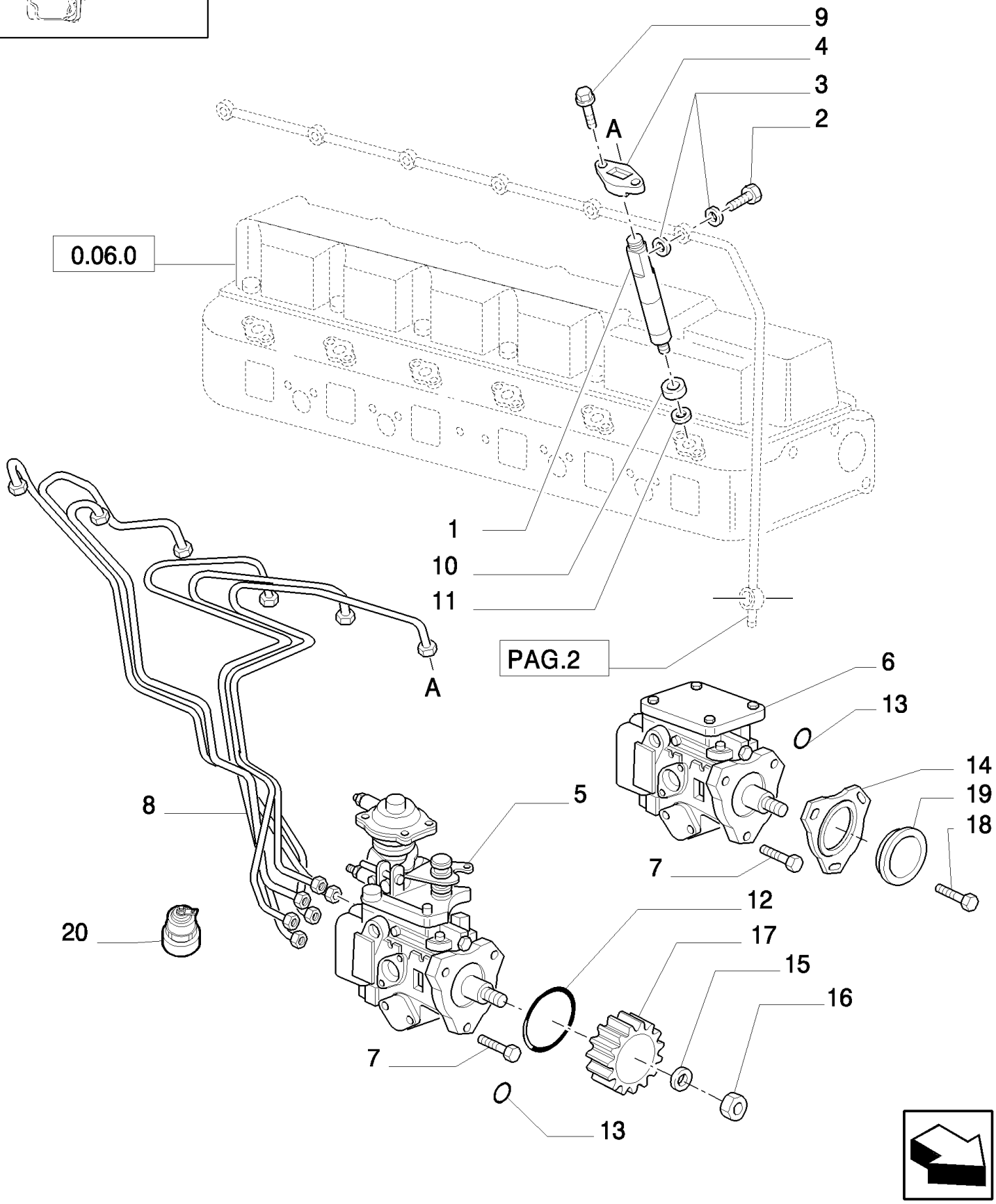
TM190 TRACTOR (6/02-) - Engine

0.12.0 DRIVE-GEARING TAPPETS AND PUSHRODS

Ref	Part Number	Qty	Description
1	83909101	2	SCREW, 7/16-14 x 1.25
1	12934	1	BOLT, Hex, 7/16"-14 x 3", G5, , D4954-
2	81804024	2	WASHER,
3	E9HN6N251AA	1	GEAR,
4	86500692	2	BOLT, Hex, 3/8"-16 x 3/4", G8, Full Thd,
5	83957730	1	PLATE,
6	87802905	1	SPACER,
7	87800499	9	BEARING, CAMSHAFT,
8	80810	1	WOODRUFF KEY, #9, 3/16" x 3/4",
9	87802512	1	CAMSHAFT, , -C4954
9	87802902	1	CAMSHAFT, , D4954-
10	81877662	1	DOWEL,
11	83937074	1	GEAR, Hydraulic Pump Drive, -C4954
11	87802906	1	GEAR, Hydraulic Pump Drive, D4954-
12	82852337	1	SCREW, 5/8"-11 x 2-1/4"
13	87800624	1	ADAPTER, TM120, TM130, TM140, TM155
13	87840404	1	ADAPTER, TM175, TM190
14	83992735	1	GEAR,
15	83923678	1	BUSHING,
16	87840406	1	PLATE, WEAR, TM175, TM190
17	87802905	1	SPACER, , D4954-

D4954 After Date 01/06/03



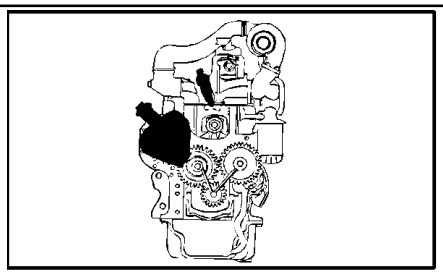

9
4
3
2
A
0.06.0
1
10
11
PAG.2
A
6
13
14
19
18
8
5
7
12
17
15
16
20
7
13

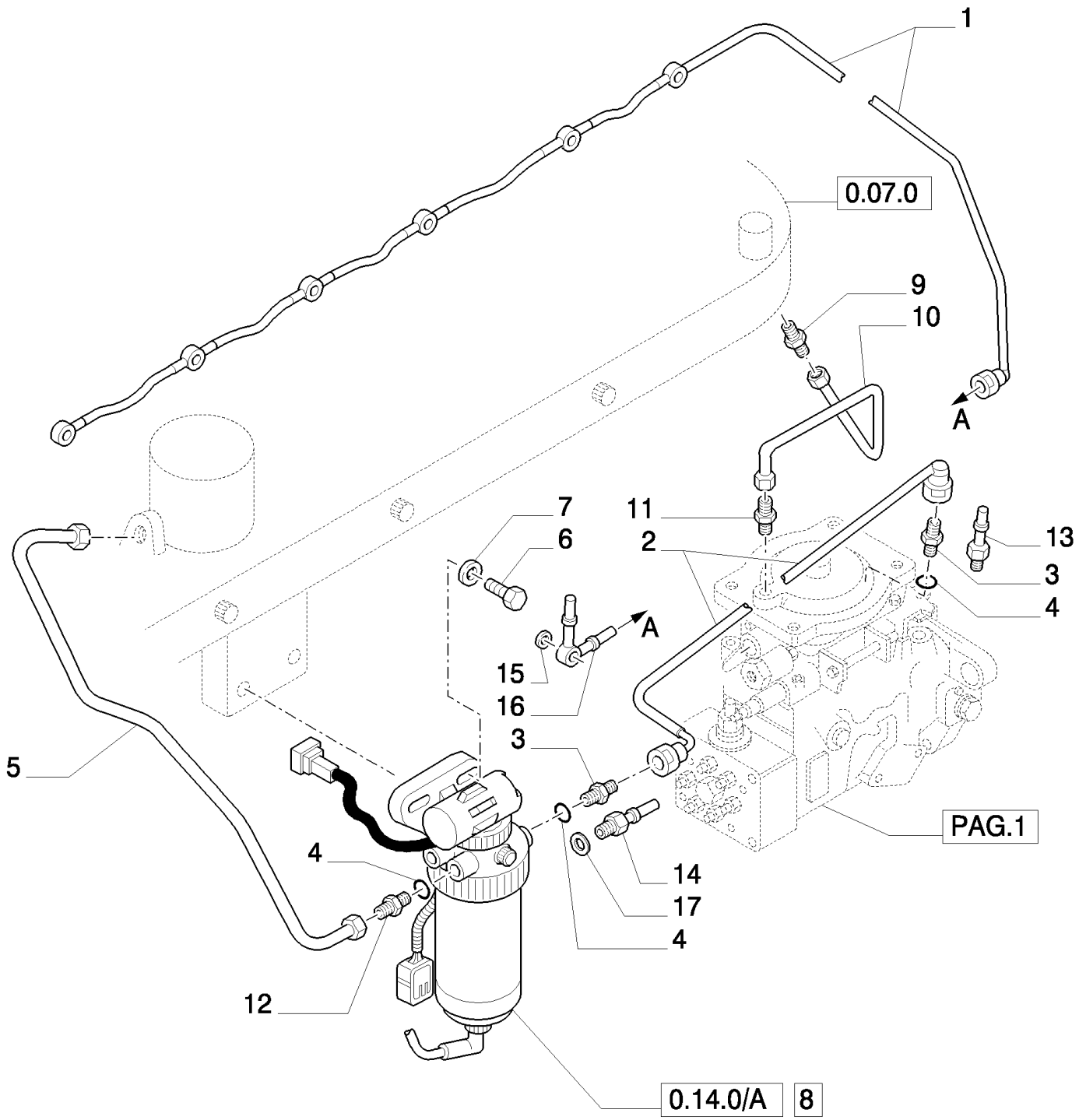
TM190 TRACTOR (6/02-) - Engine

0.14.0(01) FUEL SYSTEM

Ref	Part Number	Qty	Description
1	87802537	6	INJECTOR, FUEL SYSTEM, TM120, TM130, TM140, TM155,TM175, TM190, C4874 FOR TM175, TM190 ONLY
1	87803276	6	INJECTOR, FUEL SYSTEM, TM175, TM190, D4874-
2	87800617	6	SCREW,
3	87803665	6	WASHER, SEALING,
4	83958141	6	BRACKET,
5	87802534	1	PUMP, FUEL INJECTION, TM120
5	87802532	1	PUMP, FUEL INJECTION, TM130
5	87802535	1	PUMP, FUEL INJECTION, TM140
5	87802533	1	PUMP, FUEL INJECTION, TM155
6	87803357	1	PUMP, FUEL INJECTION, TM175, TM190
7	87802302	3	SCREW, M8 x 25
8	87802540	1	PIPE SET, TM120, TM130, TM140, TM155
8	87802539	1	PIPE SET, TM175, TM190
9	87840522	12	BOLT, 5/16"-18 x 1.38"
10	F2NN9F596AA	6	SEAL,
11	81873921	6	WASHER, SEALING,
12	14459381	1	O-RING, -135, Cl 7, 1.925" ID x .103" Thk, TM120, TM130, TM140, TM155
13	14437585	3	O-RING, 8MM ID x 1.5 Thk,
14	87802948	1	GASKET, TM175, TM190
15	280248	1	WASHER, LOCK, 9/16", TM120, TM130, TM140, TM1552
16	9503259	1	NUT, TM120, TM130, TM140, TM155
17	87840107	1	GEAR, DRIVING, TM120, TM130, TM140, TM155
18	16287234	4	BOLT, Hex Flg, M8 x 25, 10.9, Full Thd, TM175, TM190
19	87802654	1	GEAR, DRIVING, TM175, TM190
20	2852741	1	SOLENOID,

D4874 After Date 01/10/03

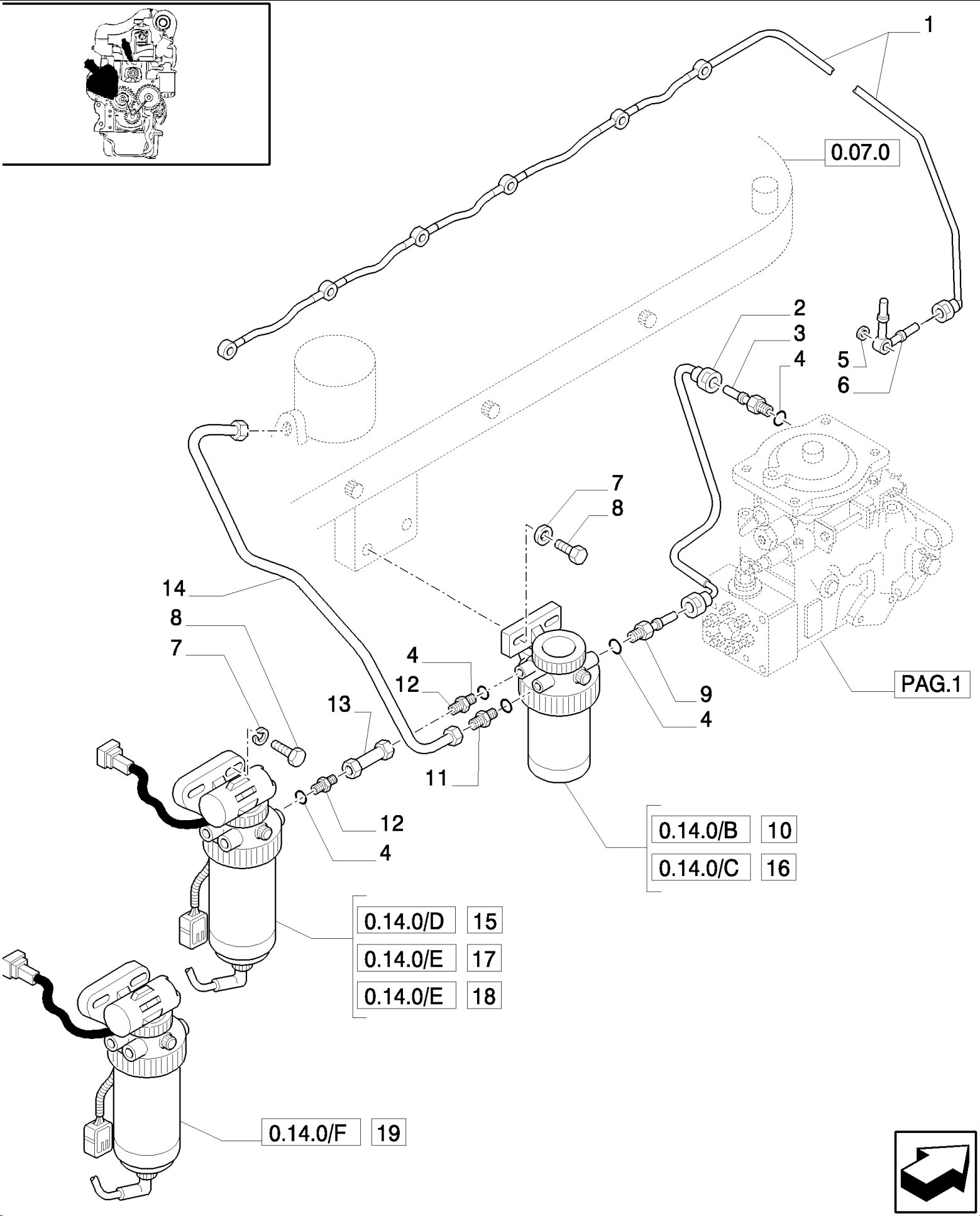



1
0.07.0
9
10
A
7
6
11
2
13
3
4
A
15
16
3
5
PAG.1
4
14
17
4
12
0.14.0/A
8

0.14.0(02) 1 FILTER FUEL SYSTEM

Ref	Part Number	Qty	Description
1	87802557	1	TUBE, TM120, TM130, TM140, TM155
1	87802623	1	TUBE, TM175, TM190
2	87802558	1	TUBE, TM120, TM130, TM140, TM155
2	87802731	1	TUBE, TM175, TM190
3	83947824	2	FITTING,
4	83904845	3	O-RING, Duro 90, .414" ID x .072" Thk, -C5398
4	87590625	3	GASKET, , D5398-
5	87802554	1	TUBE,
6	302264S36	2	SCREW, Cap, HS, G8, 5/8"-11 x 1-1/2"
7	44877S36	2	WASHER, Hardened, G8, 3/8"
8	87802726	1	FILTER, FUEL, 5 Micron
9	390275S	1	FITTING, TM120, TM130, TM140, TM155
10	87801959	1	TUBE, TM120, TM130, TM140, TM155
11	87840209	1	FITTING, TM120, TM130, TM140, TM155
12	82894025	1	FITTING,
13	82012598	1	FITTING, TM175, TM190, -C5398
13	87580729	1	FITTING, , D5398-
14	87802682	1	FITTING, TM175, TM190
15	87801445	1	WASHER, TM175, TM190
16	87802604	1	ELBOW, TM175, TM190
17	87801445	1	WASHER, TM175, TM190

0.14.0(04) 2 FILTERS FUEL SYSTEM



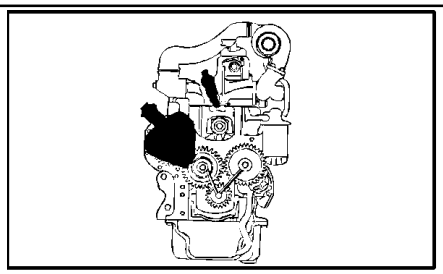
TM190 TRACTOR (6/02-) - Engine

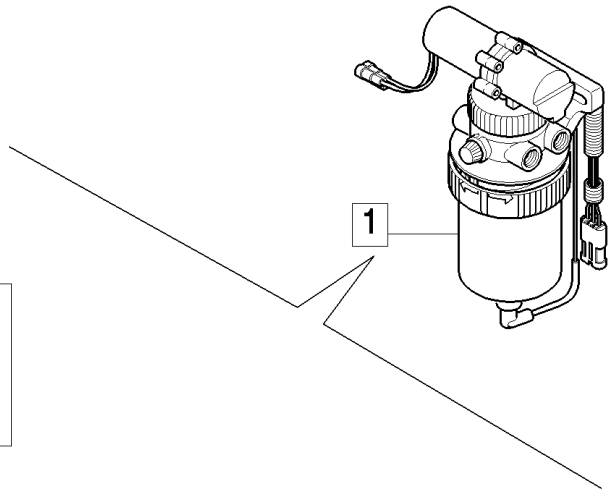
0.14.0(04) 2 FILTERS FUEL SYSTEM

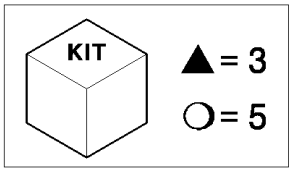
Ref	Part Number	Qty	Description
1	87802623	1	TUBE,
2	87802681	1	TUBE,
3	82012598	1	FITTING,
4	83904845	5	O-RING,
5	87801445	1	WASHER,
6	87802604	1	ELBOW,
7	44877S36	4	WASHER,
8	302264S36	4	SCREW,
9	87802682	1	FITTING,
10	87802168	1	FILTER ASSY, 5 Micron, BSN 218235
11	82894025	1	FITTING, 3/16", 1/2"-20
12	83947824	2	FITTING, 9/16"-24
13	87801397	1	TUBE, 9/16"-24
14	87801627	1	TUBE, 3/8"-24, 3/16"
15	87802331	1	FILTER ASSY, 30Micron, BSN 218235
16	87339387	1	FILTER ASSY, , D5368-
16	87803436	1	FILTER ASSY, 5 Micron, 218236-C5368
17	87803437	1	FILTER ASSY, 30 Micron, BTW 218236 & HA163029
18	87327686	1	FILTER ASSY, , BTW HA163030 & FB175162
19	87374411	1	FILTER ASSY, , ASN FB175163

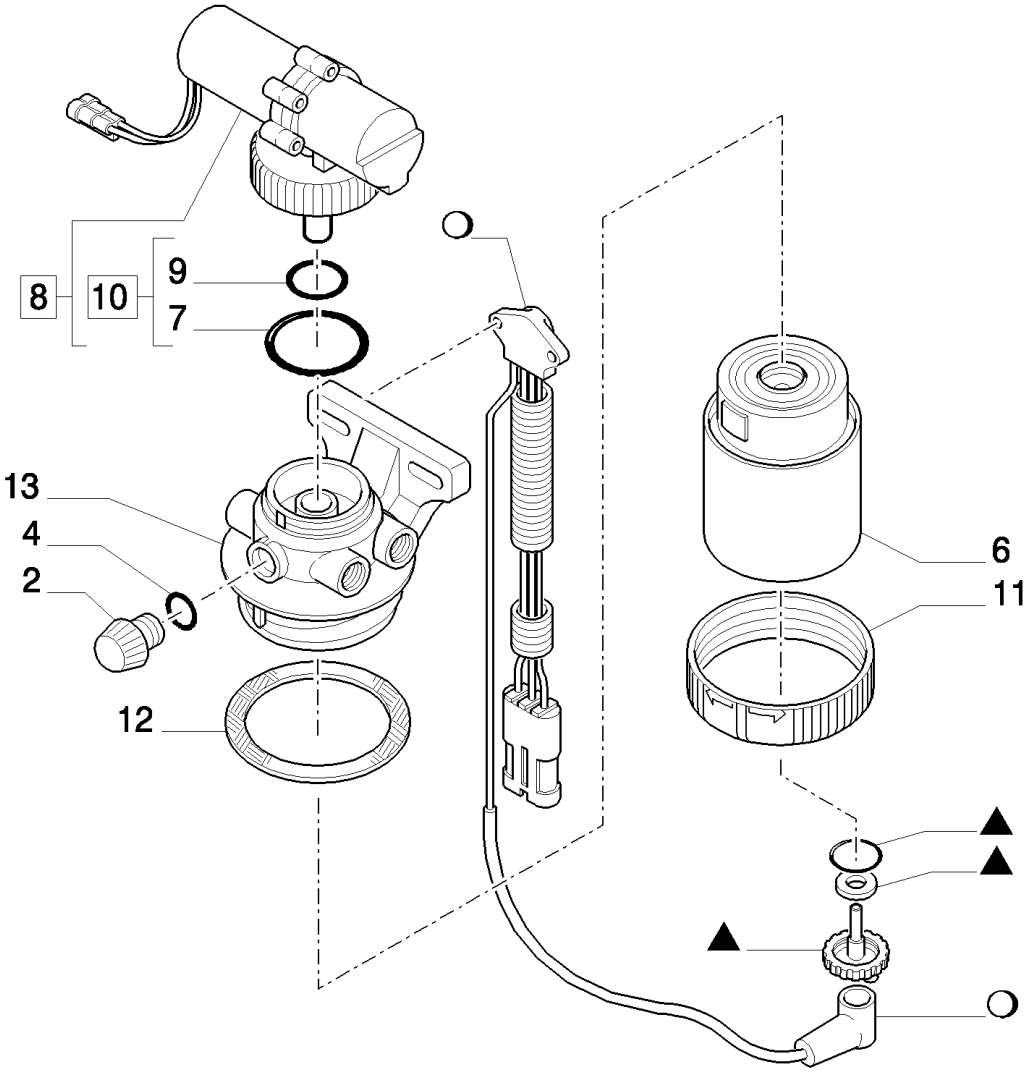
D5337 Serial N.HA163030 D5368 After Date 23 August 2005 D5375 Serial N.FB175163

0.14.0/ A SEPARATORY ASSY FUEL/WATER BREAKDOWN







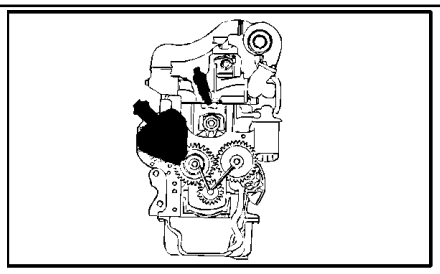


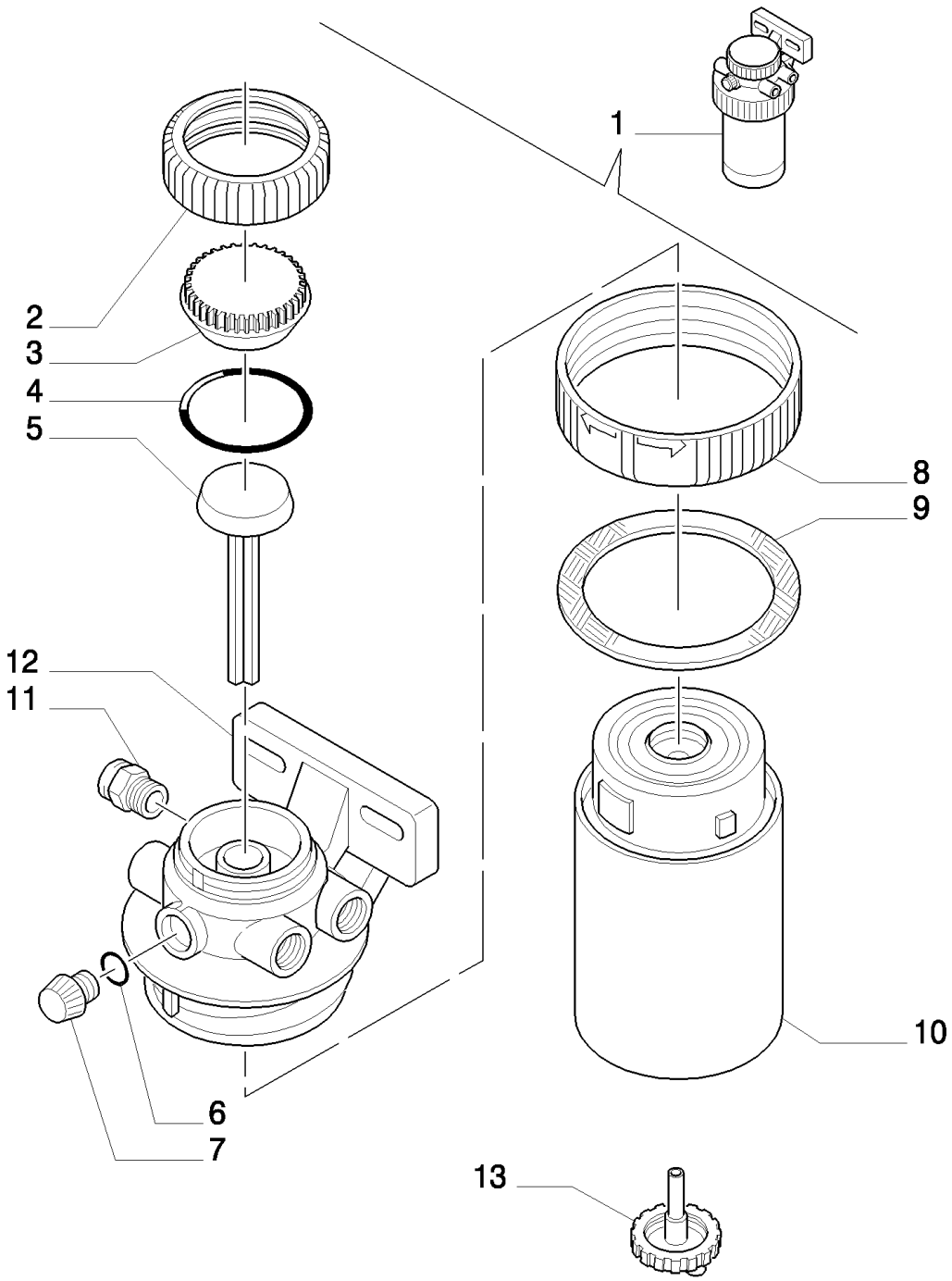
TM190 TRACTOR (6/02-) - Engine

0.14.0/ A SEPARATORY ASSY FUEL/WATER BREAKDOWN

Ref	Part Number	Qty	Description
1	87802726	1	FILTER, FUEL,
2	87840178	1	PLUG,
3	87801006	1	KIT, DRAIN VALVE SENSOR
4	87840177	1	O-RING, BOWL MODULE KIT
5	87801007	1	KIT, WATER SENSOR
6	87802728	1	FILTER, FUEL, 5 Micron
7	87802625	1	O-RING, LARGE
8	87802238	1	PUMP, ELECTRIC,
9	87802128	1	O-RING, Small
10	87802132	1	KIT, SEALS,
11	87840170	1	RING, LOCKING,
12	87840171	1	GASKET,
13	87802727	1	Head, Filter,

0.14.0/ B FUEL FILTER BREAKDOWN - BSN ACM218235



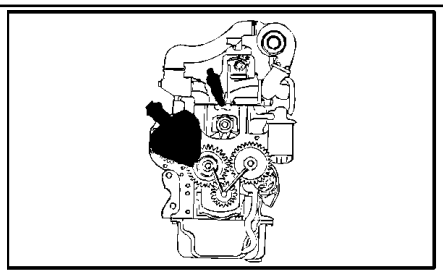


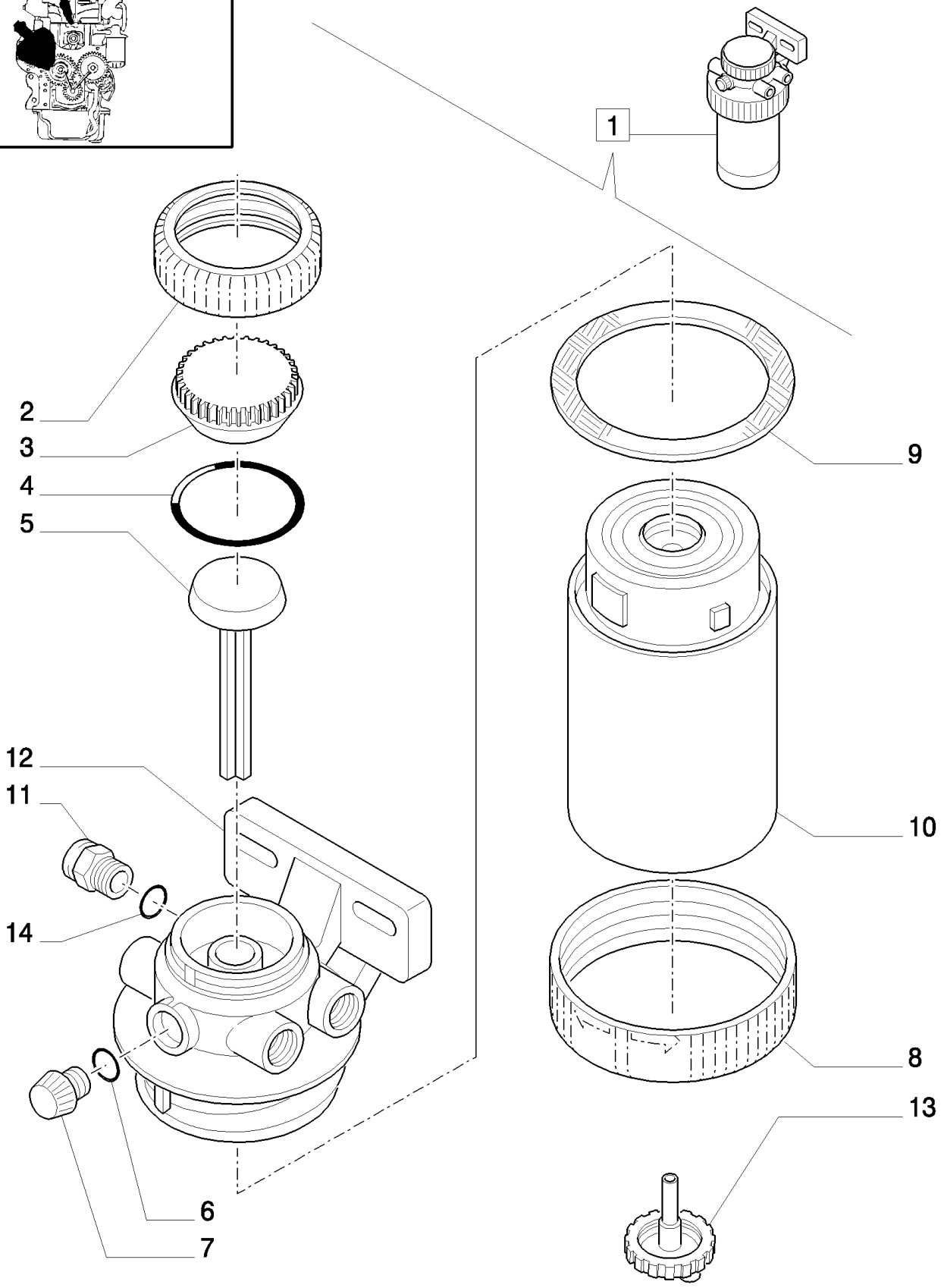
TM190 TRACTOR (6/02-) - Engine

0.14.0/ B FUEL FILTER BREAKDOWN - BSN ACM218235

Ref	Part Number	Qty	Description
1	87802168	1	FILTER ASSY, ASSY
2	87840173	1	RETAINER,
3	87840175	1	COVER,
4	87840174	1	O-RING,
5	87840176	1	PLUG,
6	87840177	1	O-RING,
7	87840178	1	PLUG,
8	87840170	1	RING, LOCKING,
9	87840171	1	GASKET,
10	87840590	1	FILTER, FUEL, 5 Micron
11	83947824	1	FITTING,
12	87840172	1	Head, Filter,
13	87800673	1	VALVE, DRAIN,
14	83904845	1	O-RING,

0.14.0/ C FUEL FILTER BREAKDOWN - ASN ACM218236





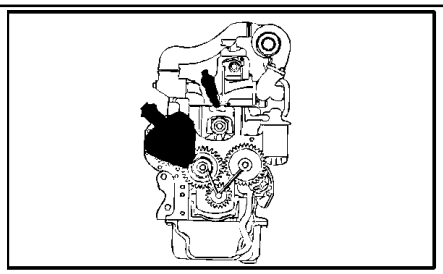
TM190 TRACTOR (6/02-) - Engine

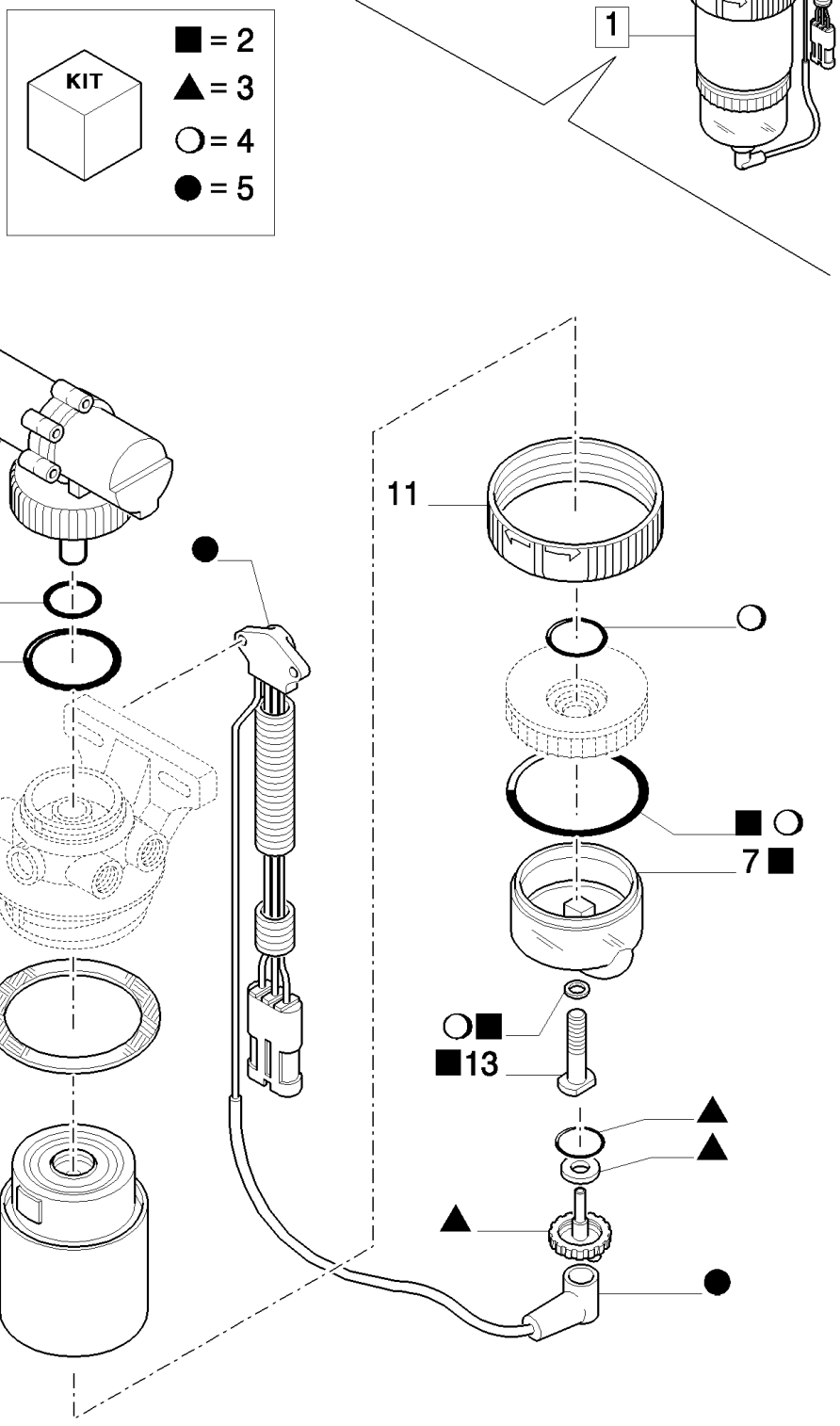
0.14.0/ C FUEL FILTER BREAKDOWN - ASN ACM218236

Ref	Part Number	Qty	Description
1	87339387	1	FILTER ASSY, , D5368-
1	87803436	1	FILTER ASSY, ASSY, -C5368
2	87840173	1	RETAINER,
3	87840175	1	COVER,
4	87840174	1	O-RING,
5	87840176	1	PLUG,
6	87840177	1	O-RING,
7	87840178	1	PLUG,
8	87840170	1	RING, LOCKING,
9	87840171	1	GASKET,
10	87803441	1	FILTER, FUEL, Single pkg qty. For multi pkg [qty.4] order 87803441MP, 5 Micron
11	83947824	1	FITTING,
12	87840172	1	Head, Filter,
13	87800673	1	VALVE, DRAIN,
14	83904845	1	O-RING,

D5368 After Date 23 August 2005

0.14.0/ D SEPARATORY ASSY FUEL/WATER BREAKDOWN - BSN ACM218235



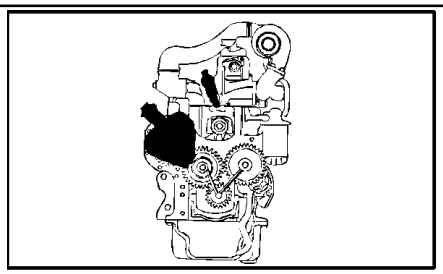


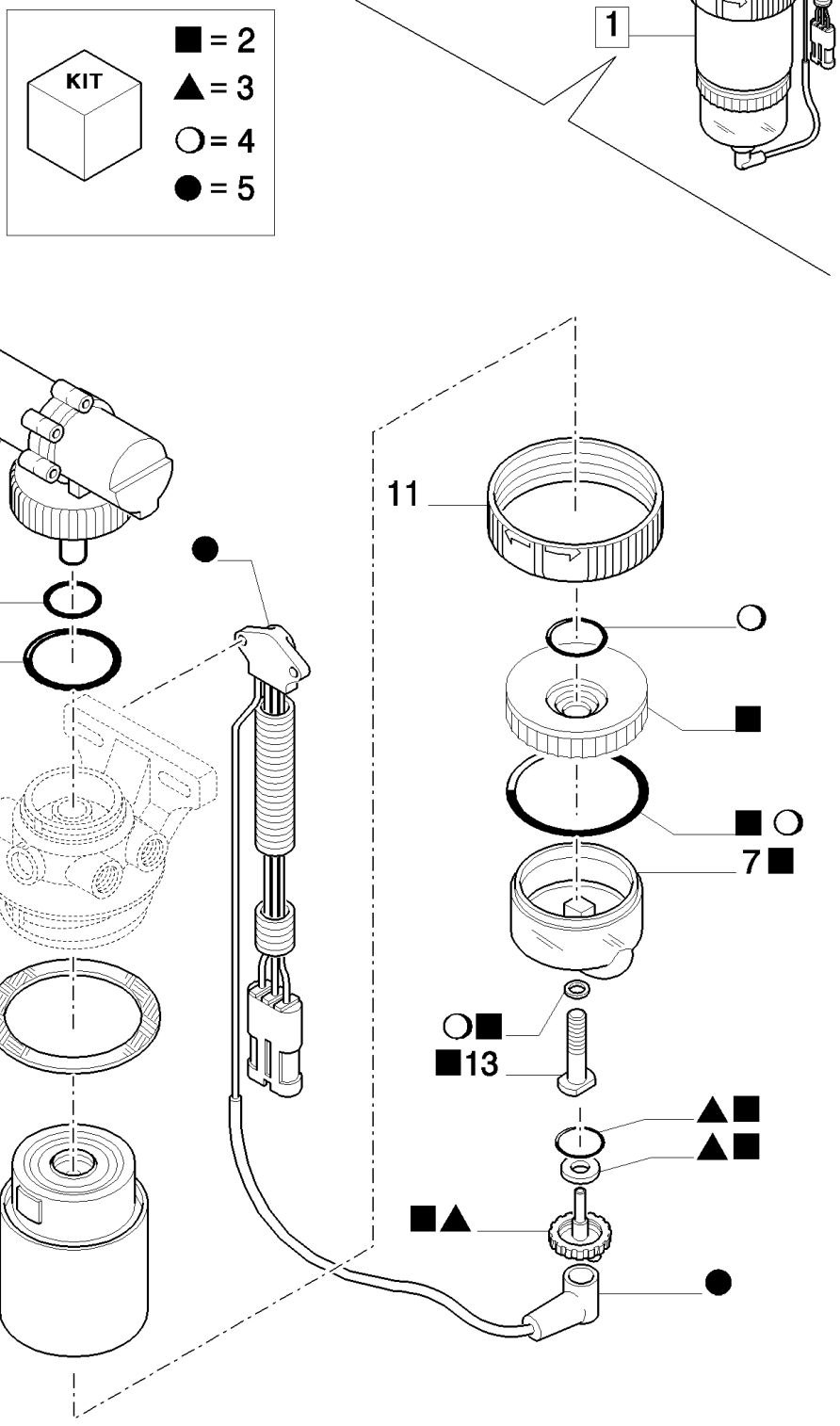
TM190 TRACTOR (6/02-) - Engine

0.14.0/ D SEPARATORY ASSY FUEL/WATER BREAKDOWN - BSN ACM218235

Ref	Part Number	Qty	Description
1	87802331	1	FILTER ASSY,
2	87801005	1	KIT,
3	87801006	1	KIT,
4	87801004	1	KIT,
5	87801007	1	KIT,
6	87802332	1	FILTER, FUEL, Single pkg qty. For multi pkg [qty.12] order 87802332MP, 30 Micron
7	87840182	1	BOWL,
8	87802238	1	PUMP, ELECTRIC,
9	87802128	1	O-RING,
10	87802132	1	KIT, SEALS,
11	87840170	1	RING, LOCKING,
12	87840171	1	GASKET,
13	87840187	1	SCREW,

0.14.0/ E SEPARATORY ASSY FUEL/WATER BREAKDOWN - ASN ACM218236





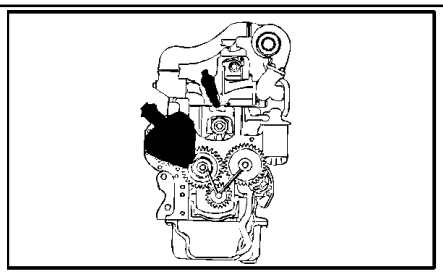
TM190 TRACTOR (6/02-) - Engine

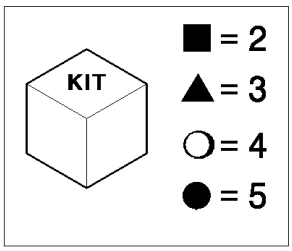
0.14.0/ E SEPARATORY ASSY FUEL/WATER BREAKDOWN - ASN ACM218236

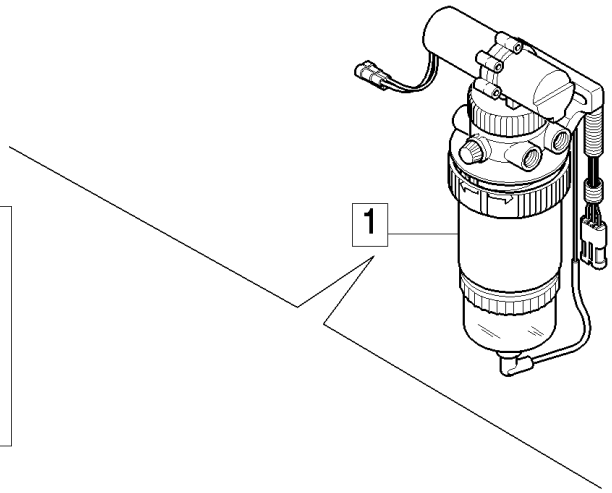
Ref	Part Number	Qty	Description
1	87803437	1	FILTER ASSY, , BSN HA163029
1	87327686	1	FILTER ASSY, , ASN HA163030
2	87801005	1	KIT,
3	87801006	1	KIT, DRAIN VALVE SENSOR
4	87801004	1	KIT,
5	87801007	1	KIT, WATER SENSOR
6	87803444	1	FILTER, FUEL, Single pkg qty. For multi pkg [qty.4] order 87803444MP, 30 Micron
7	87840182	1	BOWL,
8	87802238	1	PUMP, ELECTRIC, , BSN HA163029
8	87327688	1	PUMP, ELECTRIC, , ASN HA163030
9	87802128	1	O-RING, Small
10	87802132	1	KIT, SEALS,
11	87840170	1	RING, LOCKING,
12	87840171	1	GASKET,
13	87840187	1	SCREW,

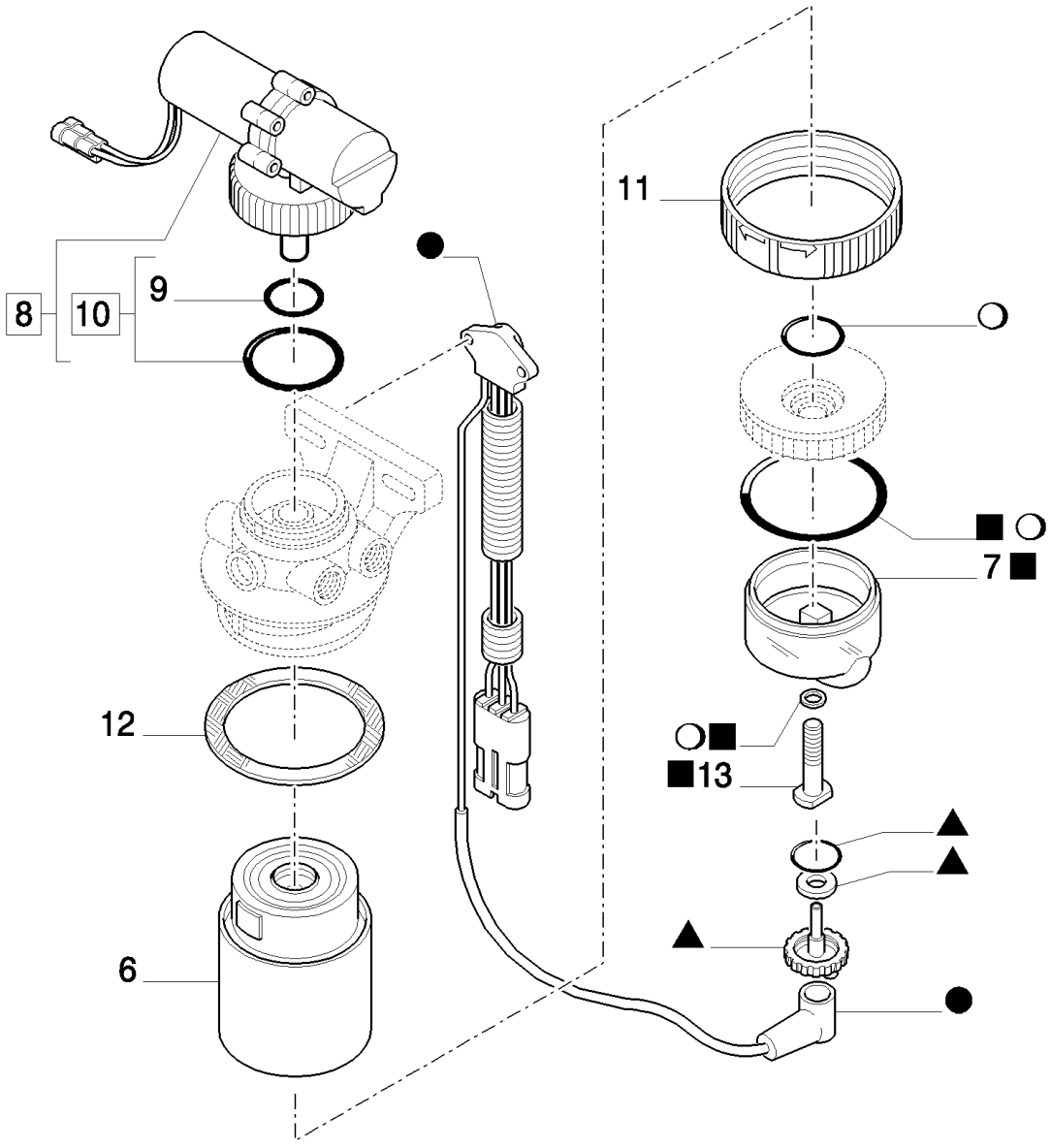
D5337 Serial N.HA163030 (Engine s/n break)

0.14.0/ F SEPARATORY ASSY FUEL/WATER BREAKDOWN







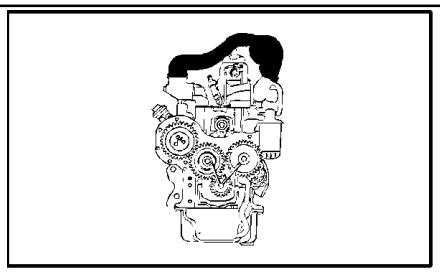


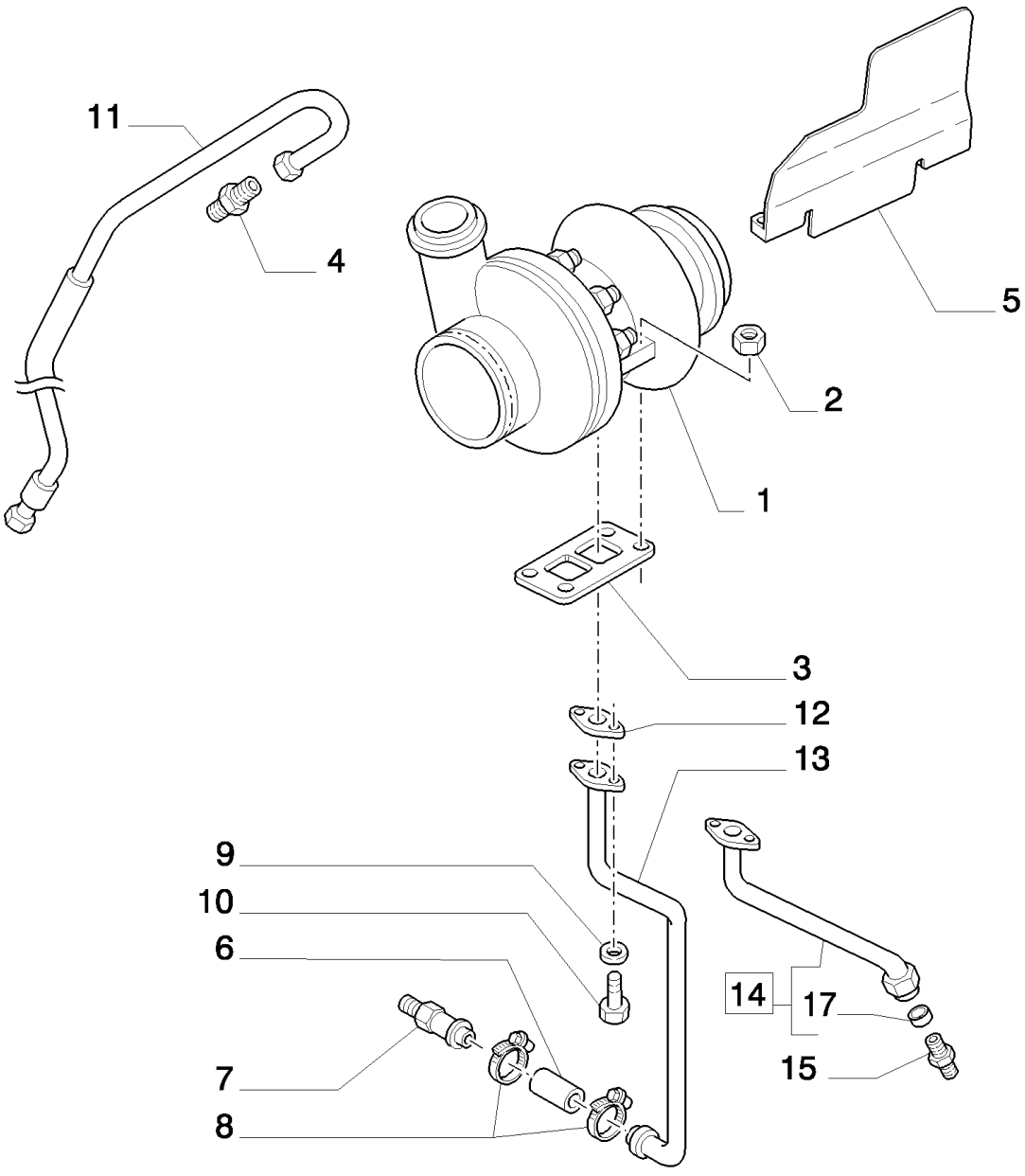
TM190 TRACTOR (6/02-) - Engine

0.14.0/ F SEPARATORY ASSY FUEL/WATER BREAKDOWN

Ref	Part Number	Qty	Description
1	87374411	1	FILTER ASSY,
2	87801005	1	KIT,
3	87801006	1	KIT, DRAIN VALVE SENSOR
4	87801004	1	KIT,
5	87801007	1	KIT, WATER SENSOR
6	87803444	1	FILTER, FUEL, Single pkg qty. For multi pkg [qty.4] order 87803444MP, 30 Micron
7	87840182	1	BOWL,
8	87327688	1	PUMP, ELECTRIC,
9	87802128	1	O-RING, Small
10	87802132	1	KIT, SEALS,
11	87840170	1	RING, LOCKING,
12	87840171	1	GASKET,
13	87840187	1	SCREW,

0.24.0 TURBOCHARGER & RELATED PARTS



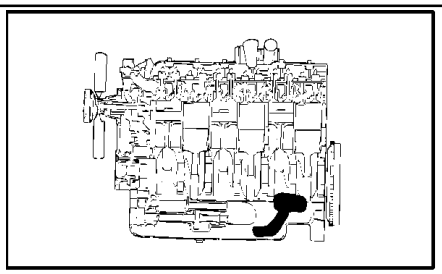


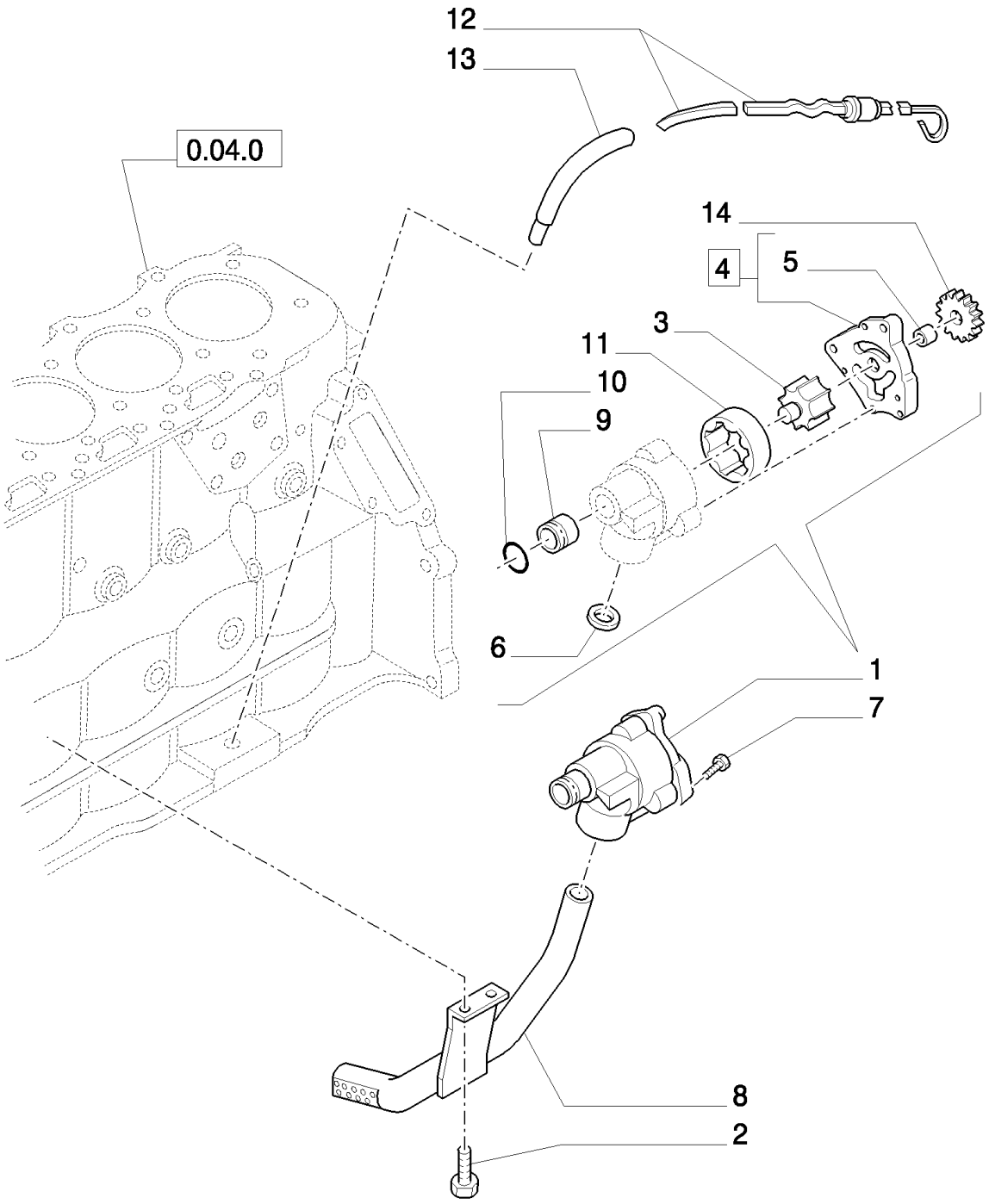
TM190 TRACTOR (6/02-) - Engine

0.24.0 TURBOCHARGER & RELATED PARTS

Ref	Part Number	Qty	Description
1	87802480	1	TURBOCHARGER, TM120, TM130, TM140, TM155
1	87802482	1	TURBOCHARGER, TM175, TM190
2	87803212	4	NUT, 3/8"-24
3	83911642	1	GASKET,
4	87802213	1	ADAPTER,
5	87803006	2	SHIELD,
6	87801937	1	HOSE, TM140, TM155, TM175, TM190
7	380940S101	1	CONNECTOR, HYD., 3/4" Hose, 3/4"-14 NPT, TM140, TM155, TM175, TM190
8	82039344	2	CLAMP, M19-28, TM140, TM155, TM175, TM190
9	82879357	2	WASHER,
10	F2NN6N910AA	1	FERRULE,
11	82028972	1	TUBE,
12	E4NN6N652AB	1	GASKET,
13	87802931	1	TUBE, TM140, TM155, TM175, TM190
14	87802523	1	TUBE, TM120, TM130
15	F2NN6A863AA	1	CONNECTOR, HYD., TM120, TM130

0.30.0 PUMP, ENGINE OIL



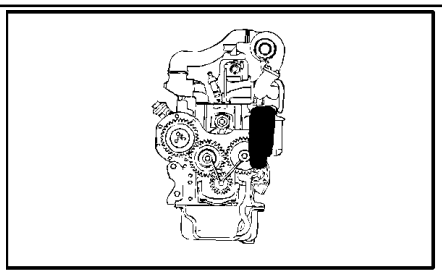


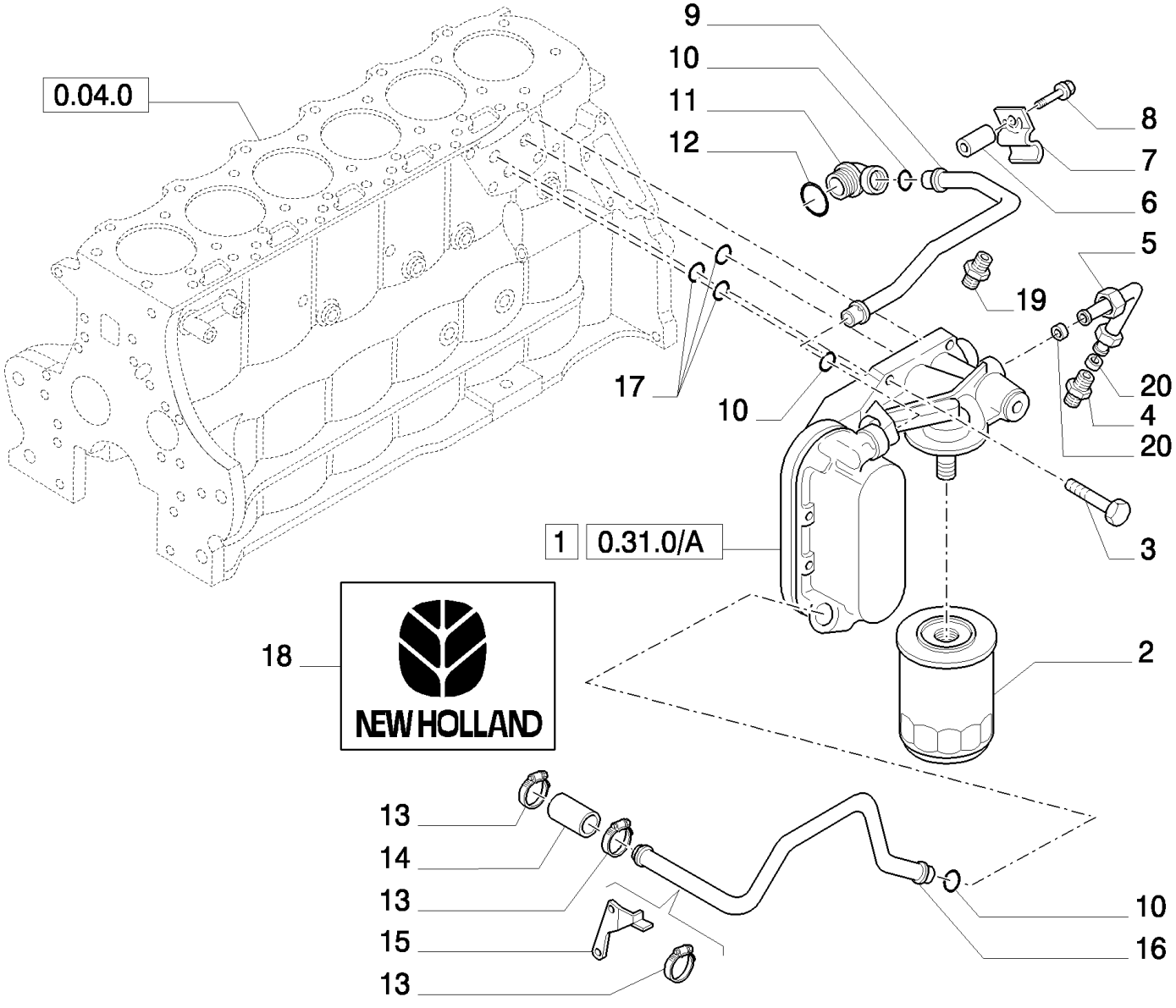
TM190 TRACTOR (6/02-) - Engine

0.30.0 PUMP, ENGINE OIL

Ref	Part Number	Qty	Description
1	87802585	1	PUMP, ENGINE OIL,
2	9628510	2	BOLT, Hex Flg, 3/8"-16 x 3/4", G5, Full Thd,
3	87802588	1	SHAFT,
4	87802587	1	COVER,
5	F0NN6N774AA	1	BUSHING,
6	14463881	1	O-RING, -220, Cl 7, 1.359" ID x .139" Thk,
7	87657	3	BOLT, Hex, 5/16"-18 x 1 1/4", G5,
8	87840086	1	TUBE,
9	83999696	1	SLEEVE,
10	14463081	1	O-RING, -212, Cl 7, .859" ID x .139" Thk,
11	87802589	1	ROTOR,
12	87801536	1	DIPSTICK,
13	F3NN6784AA	1	TUBE,
14	83999693	1	GEAR,

0.31.0 CRANKCASE OIL COOLER ASSY



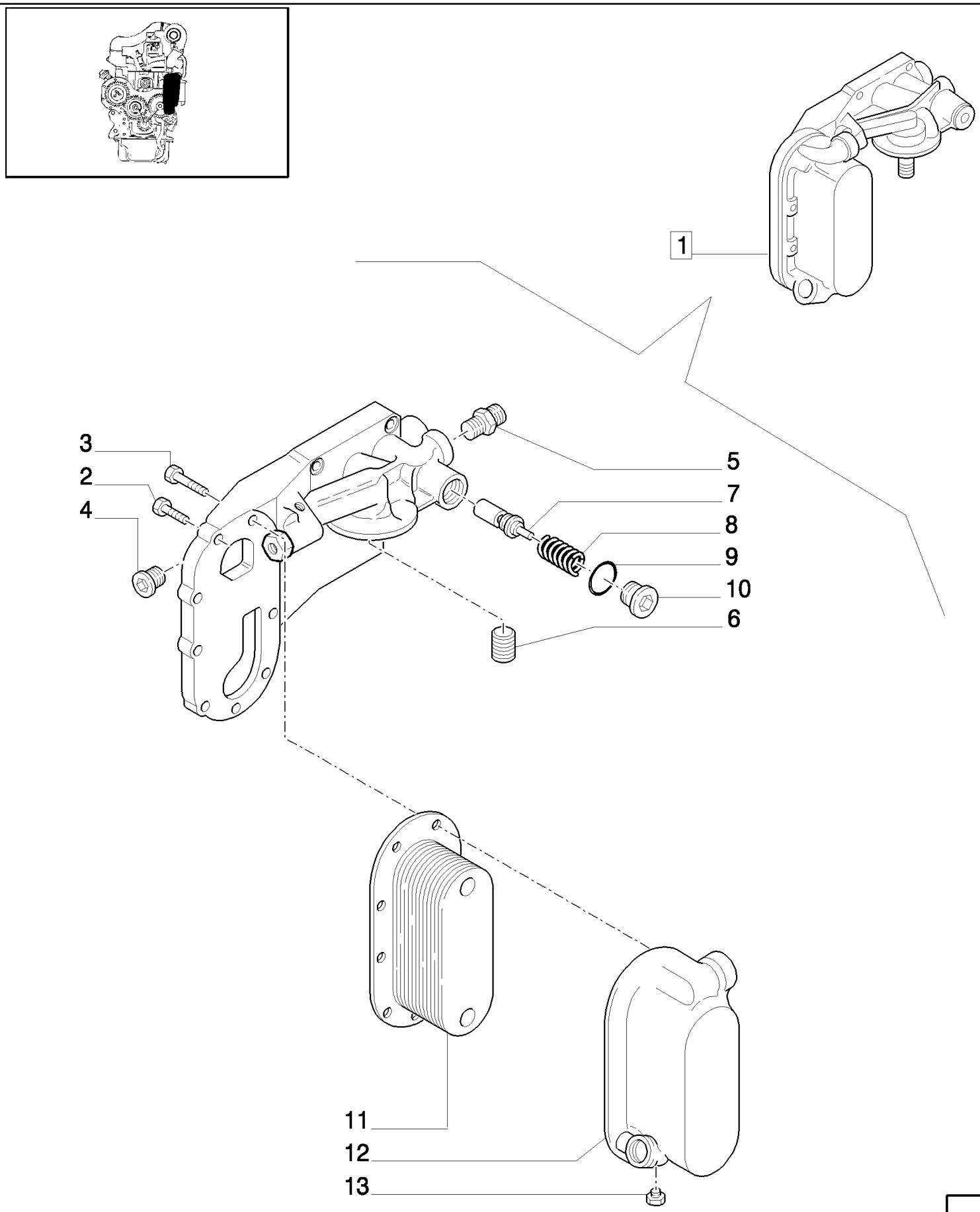


TM190 TRACTOR (6/02-) - Engine

0.31.0 CRANKCASE OIL COOLER ASSY

Ref	Part Number	Qty	Description
1	87802763	1	COOLER, OIL, ASSY
2	81879134	1	FILTER, ENGINE OIL,
3	83958605	4	BOLT, Flg Hd., G5, 3/8"-16 x 1-1/2"
4	81876834	1	CONNECTOR, HYD.,
5	81879199	1	TUBE, Incl.20
6	81876849	1	SPACER,
7	81876848	1	SUPPORT,
8	81868093	1	SCREW, Cap, Flg Hd, G5, 7/16"-14 x 2-1/2"
9	87802211	1	TUBE,
10	86629540	3	O-RING, -214, 70 Duro, .984" ID x .139" Thk,
11	82020400	1	CONNECTOR, HYD.,
12	89706747	1	O-RING, 1.50" I.D. x .139" Thk
13	89706921	3	CLAMP,
14	87840711	1	HOSE,
15	87802751	1	BRACKET,
16	87802753	1	TUBE,
17	14463881	3	O-RING, -220, Cl 7, 1.359" ID x .139" Thk,
18	5187471	1	DECAL,
19	87802946	1	ADAPTER,
20	81876833	1	FERRULE,

0.31.0/ A CRANKCASE OIL COOLER - BREAKDOWN

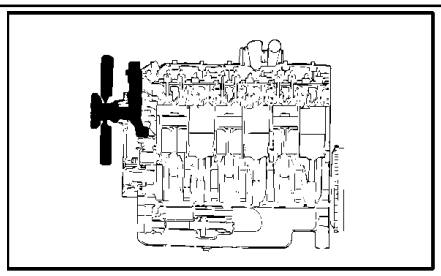


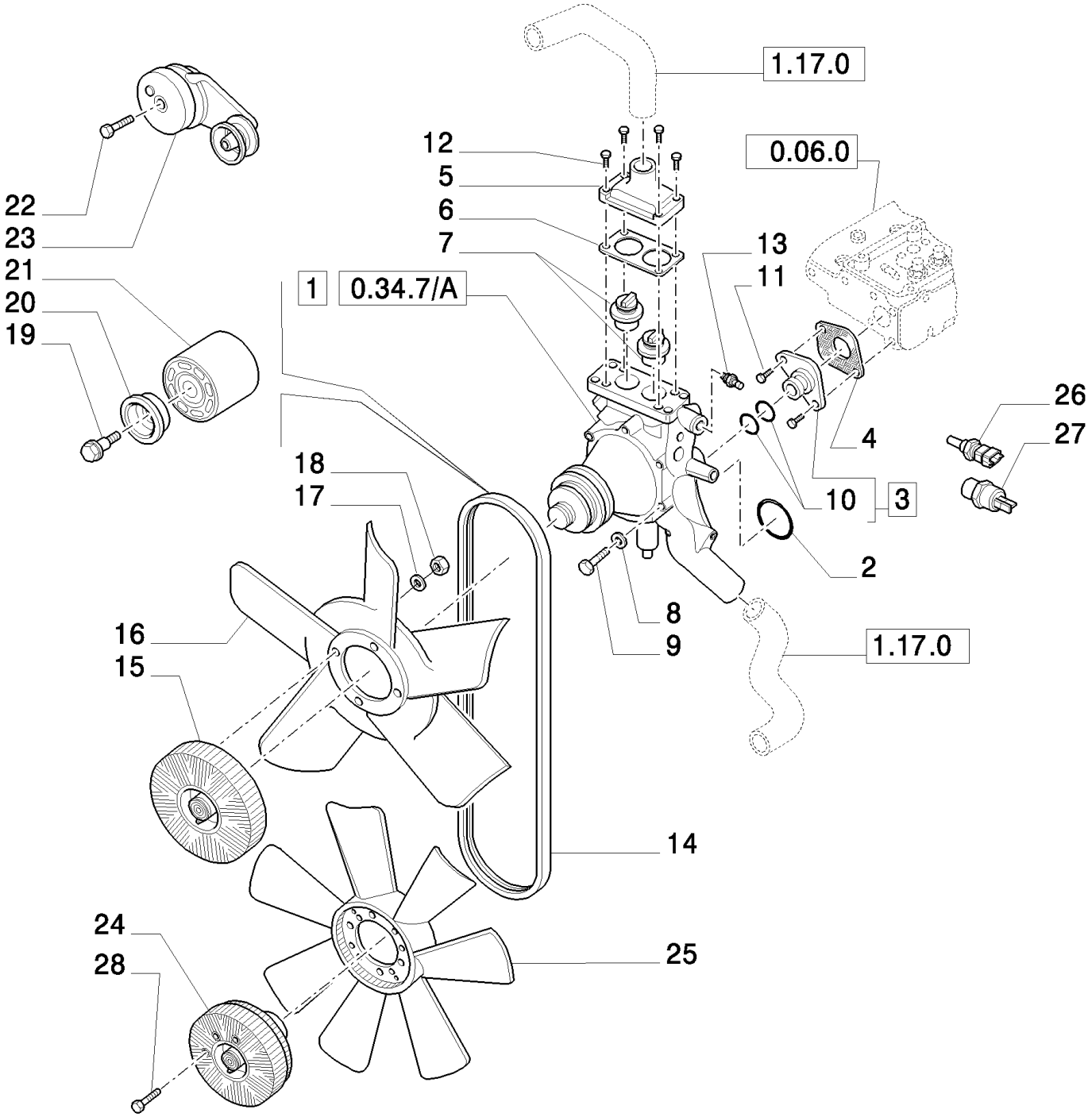
TM190 TRACTOR (6/02-) - Engine

0.31.0/ A CRANKCASE OIL COOLER - BREAKDOWN

Ref	Part Number	Qty	Description
1	87802763	1	COOLER, OIL, ASSY
2	83958603	7	SCREW, Cap, Flg Hd, G5, 3/8"-16 x 1-3/4"
3	82847563	2	SCREW, Cap, Flg Hd, USR, 3/8"-16 x 2-1/2"
4	87840S36	3	PLUG,
5	F2NN6A863AA	1	CONNECTOR, HYD.,
6	E5HN6890AA	1	INSERT,
7	F2NN6A809AA	1	VALVE, PRESSURE RELIEF,
8	F2NN6670BA	1	SPRING,
9	167266	1	O-RING, 12-1, 90 Duro, .924 ID x .116" Thk,
10	E0NNF947DA	1	PLUG,
11	E9HN6A640AA	1	COOLER, OIL,
12	87802758	1	COVER,
13	88071	1	PLUG, Pipe, 1/8"-27

0.34.7 WATER PUMP / FAN



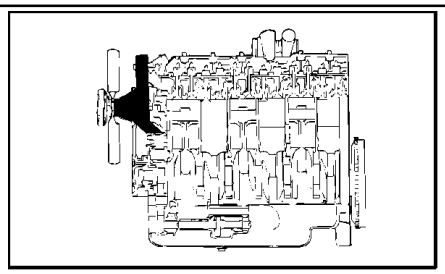


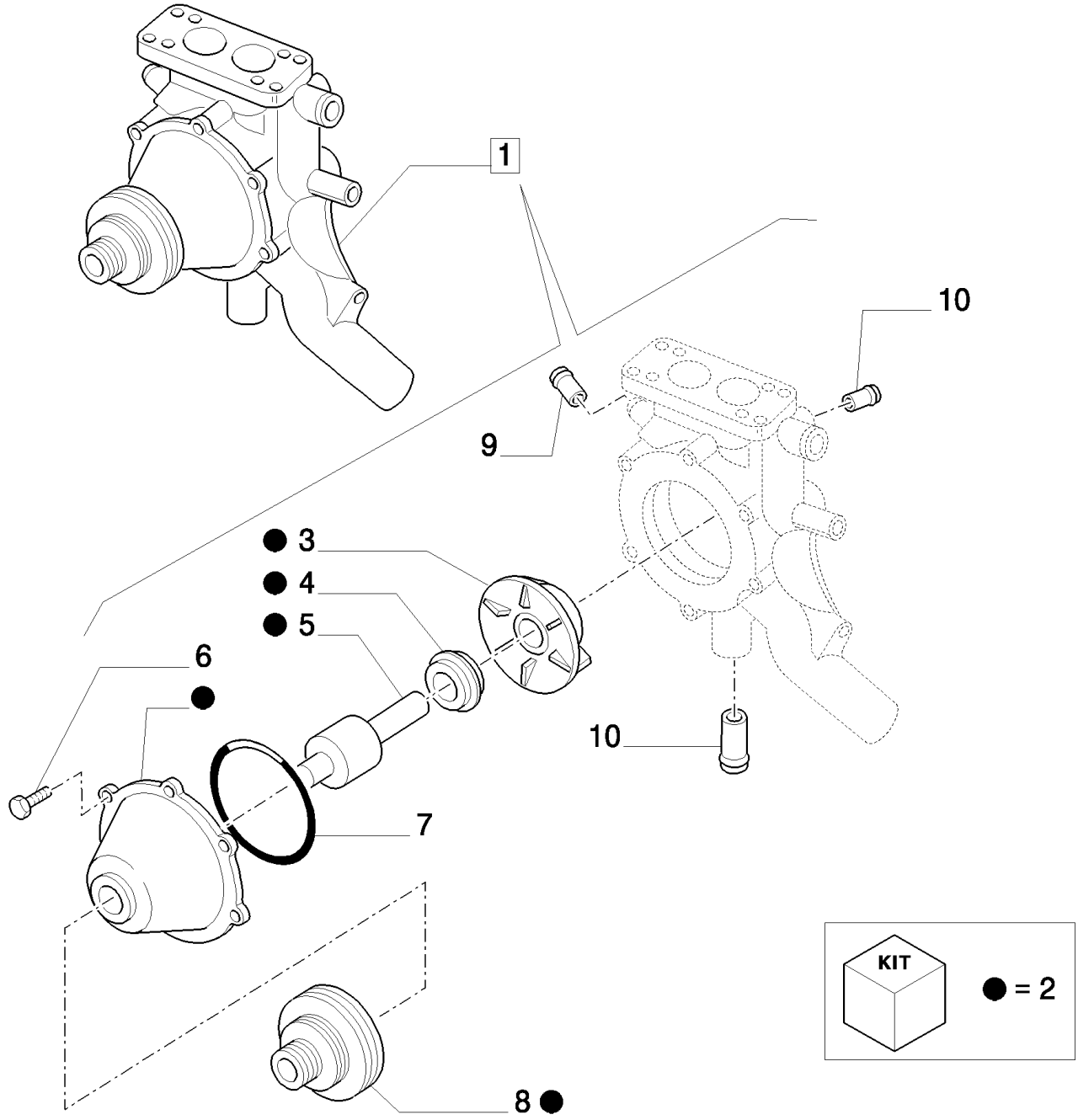
TM190 TRACTOR (6/02-) - Engine

0.34.7 WATER PUMP / FAN

Ref	Part Number	Qty	Description
1	87802491	1	PUMP, WATER, ASSY, TM120, TM130
1	87802490	1	PUMP, WATER, ASSY, TM140, TM155, TM175, TM190
2	510185	1	O-RING, -228, 70 Duro, 2.234" ID x .139" Thk,
3	F0NN8A544AA	1	CONNECTOR, HYD.,
4	87800983	1	GASKET,
5	81876917	1	HOUSING,
6	D8NN8255AA	1	GASKET,
7	87800842	2	THERMOSTAT,
8	81547	4	WASHER, LOCK, 7/16",
9	50569	1	BOLT, Hex, 7/16"-14 x 5", G5,
9	70929014	3	SCREW, Cap, HH, G8, 7/16"-14 x 3-1/2"
10	14463881	2	O-RING, -220, Cl 7, 1.359" ID x .139" Thk,
11	82853254	2	BOLT,
12	85700136	4	SCREW, M8X25
13	82034415	1	SENDER, TEMPERATURE,
14	87802822	1	BELT,
15	81862862	1	CLUTCH, TM120, TM130, TM140, W/Mec. trans. 20x16
15	82025803	1	DRIVE,
16	81868399	1	FAN, TM120, TM130, TM140, W/Mec. trans. 20x16
17	12605574	4	WASHER, LOCK,
18	16100811	4	NUT, M8, Cl 8,
19	87840422	1	SCREW, M12X1,75
20	87840420	1	COVER,
20	87840523	1	COVER,
21	87840244	2	PULLEY,
22	82880904	1	SCREW,
23	87801838	1	TENSIONER, BELT,
24	82025803	1	DRIVE,
25	82025804	1	FAN,
26	82017881	1	SENSOR, Coolant Temperature
27	82025881	1	THERMOSTAT, TM120, TM130, TM140, TM155
28	82033572	3	SCREW,

0.34.7/ A WATER PUMP BREAKDOWN

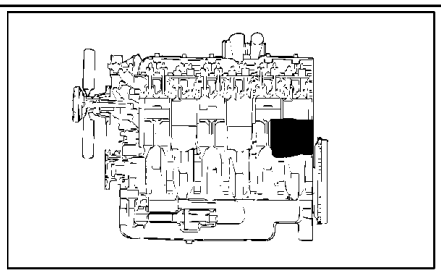


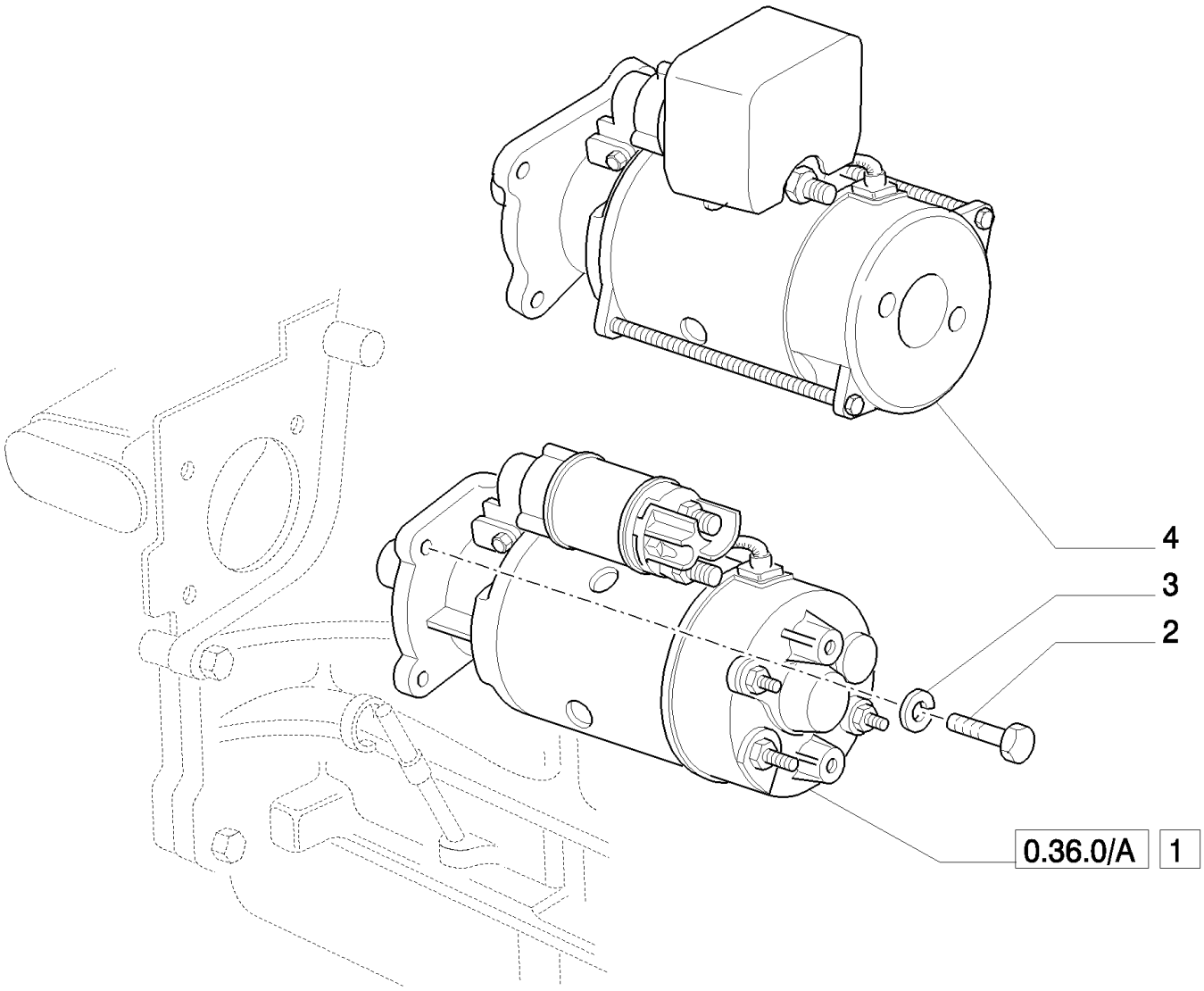


0.34.7/ A WATER PUMP BREAKDOWN

Ref	Part Number	Qty	Description
1	87802491	1	PUMP, WATER, TM120, TM130
1	87802490	1	PUMP, WATER, TM140, TM155, TM175, TM190
2	87802496	1	KIT, WATER PUMP REPAIR,
3	87802499	1	IMPELLER,
4	E9HN8A559AA	1	GASKET,
5	83958136	1	BEARING ASSY,
6	16287221	6	BOLT, Hex Flg, M8 x 25, 8.8,
7	87802661	1	GASKET,
8	87802498	1	PULLEY,
9	87840365	1	TUBE,
10	87841218	1	TUBE, TM140, TM155, TM175, TM190

0.36.0 STARTER MOTOR

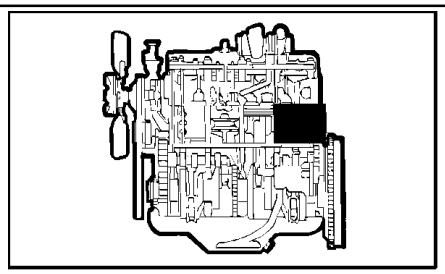




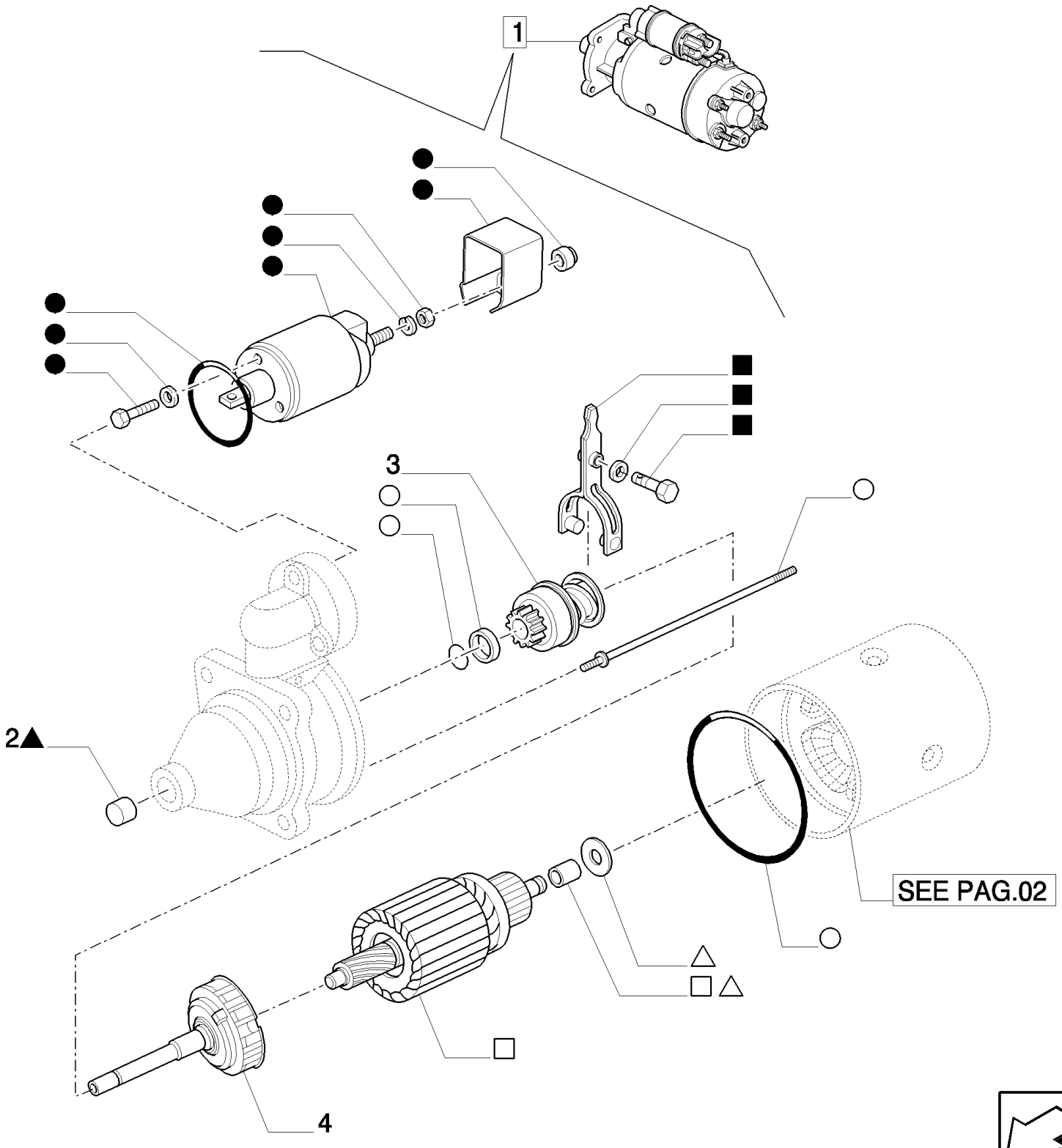
0.36.0 STARTER MOTOR

Ref	Part Number	Qty	Description
1	82021372	1	MOTOR, STARTER, ASSY (ISKRA), BSN ACM254451
2	16204524	3	BOLT, Hex, M10 x 35,
3	10516874	3	WASHER, LOCK,
4	87318759	1	MOTOR, STARTER, ASSY (ISKRA), ASN ACM254452

0.36.0/ A(01) STARTER MOTOR - PARTS



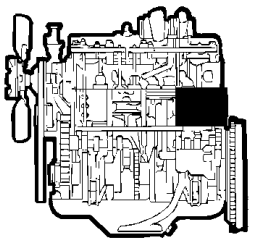
KIT
● = 5 ○ = 8
□ = 6 △ = 9
■ = 7



0.36.0/ A(01) STARTER MOTOR - PARTS

Ref	Part Number	Qty	Description
1	82021372	1	MOTOR, STARTER, ISKRA
2	82019470	1	KIT,
3	82019472	1	DRIVE UNIT,
4	82019474	1	GEAR REDUCTION UNIT,
5	82019471	1	SOLENOID,
6	82019475	1	ARMATURE,
7	82019473	1	LEVER,
8	82019477	1	KIT,
9	82019476	1	KIT,

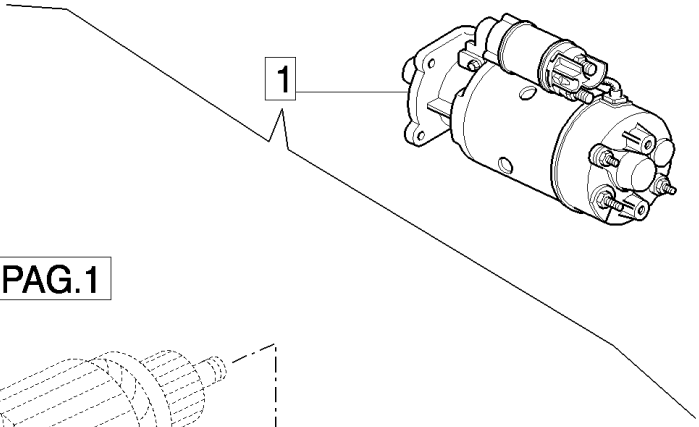
0.36.0/ A(02) STARTER MOTOR - PARTS

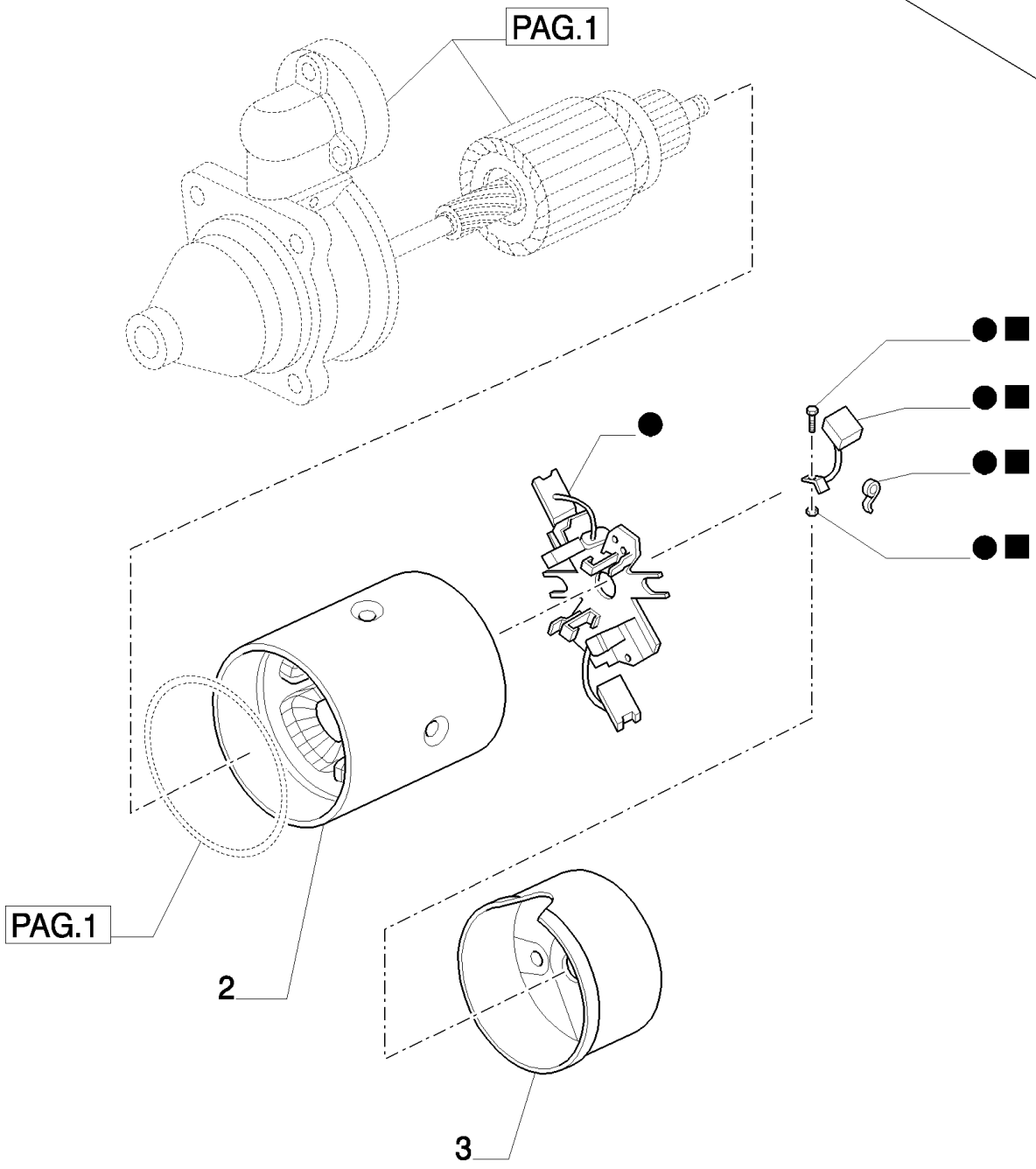


KIT

● = 4

■ = 5

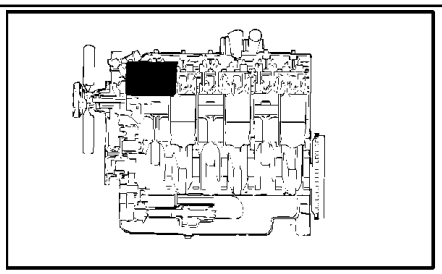


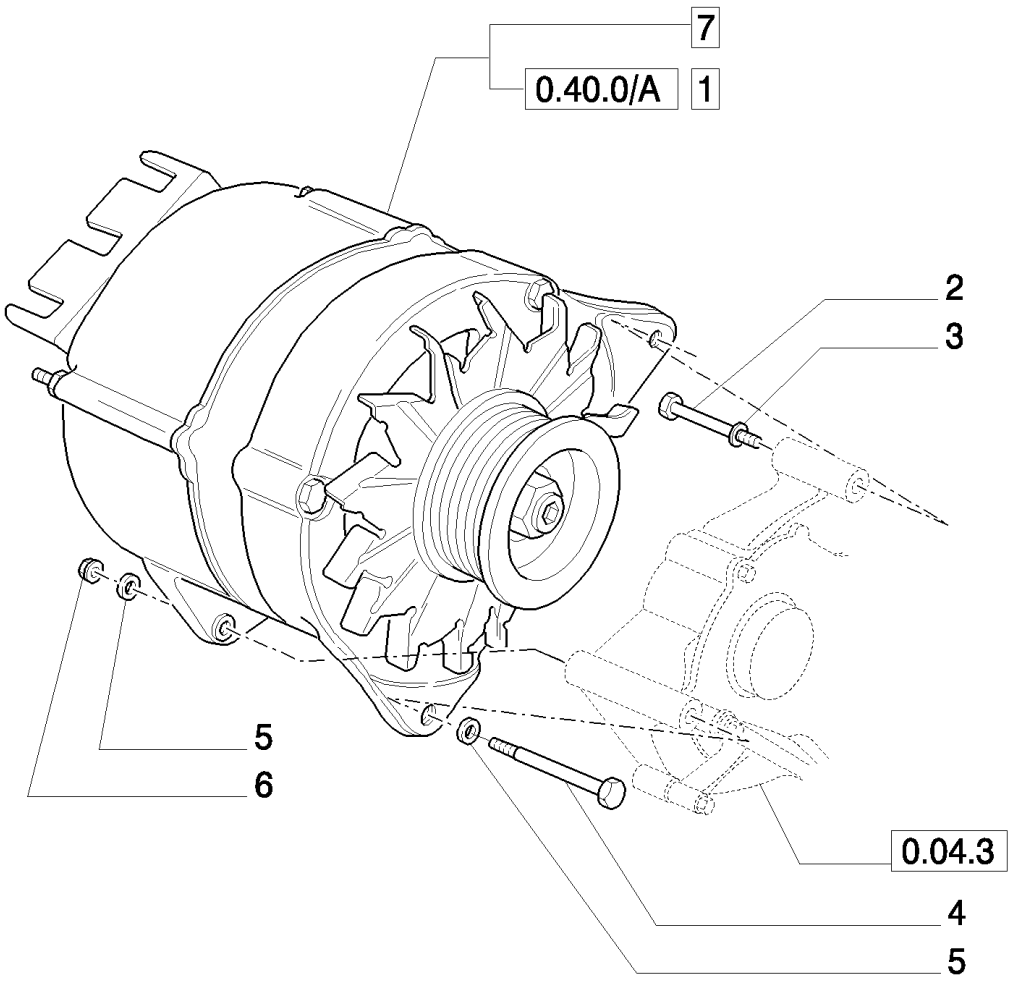


0.36.0/ A(02) STARTER MOTOR - PARTS

Ref	Part Number	Qty	Description
1	82021372	1	MOTOR, STARTER, ISKRA
2	82019478	1	STATOR,
3	82021373	1	COVER,
4	82019479	1	BRUSH HOLDER,
5	82019481	1	KIT,

0.40.0 ALTERNATOR



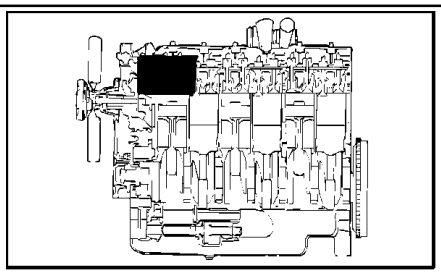


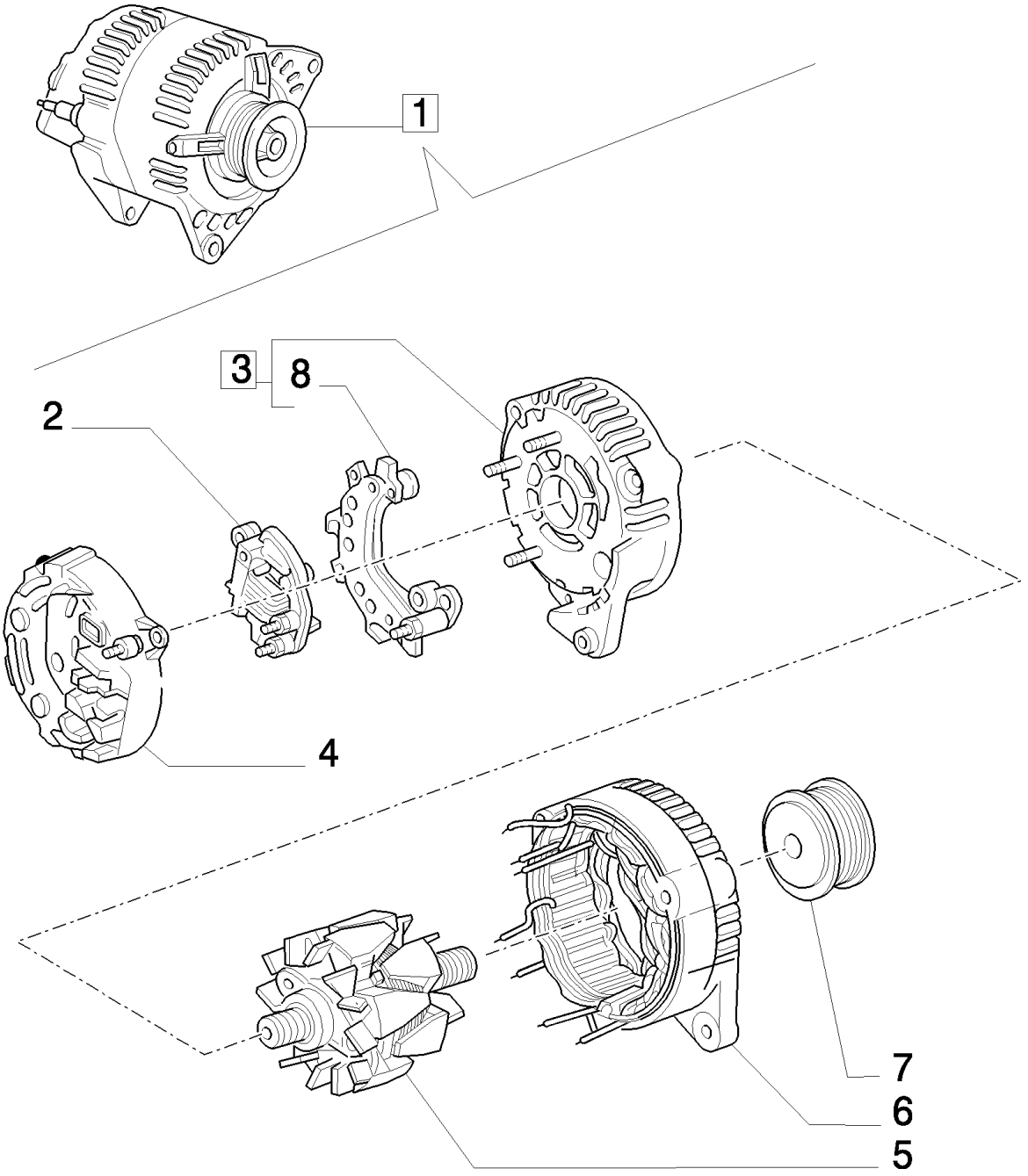
TM190 TRACTOR (6/02-) - Engine

0.40.0 ALTERNATOR

Ref	Part Number	Qty	Description
1	82014508	1	ALTERNATOR, 120A, MAGNETI MARELLI
2	16044321	1	BOLT, Hex, M8 x 55, 8.8,
3	10516674	1	WASHER, LOCK,
4	16202224	1	BOLT, Hex, M8 x 130,
5	10519604	2	WASHER, M8 x 17 x 2,
6	14047311	1	NUT, LOCK, M8 x 1.25,
7	87361085	1	ALTERNATOR, 120A, ISKRA

0.40.0/ A ALTERNATOR BREAKDOWN



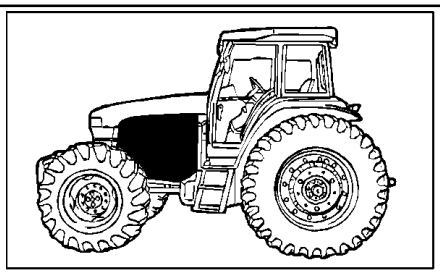


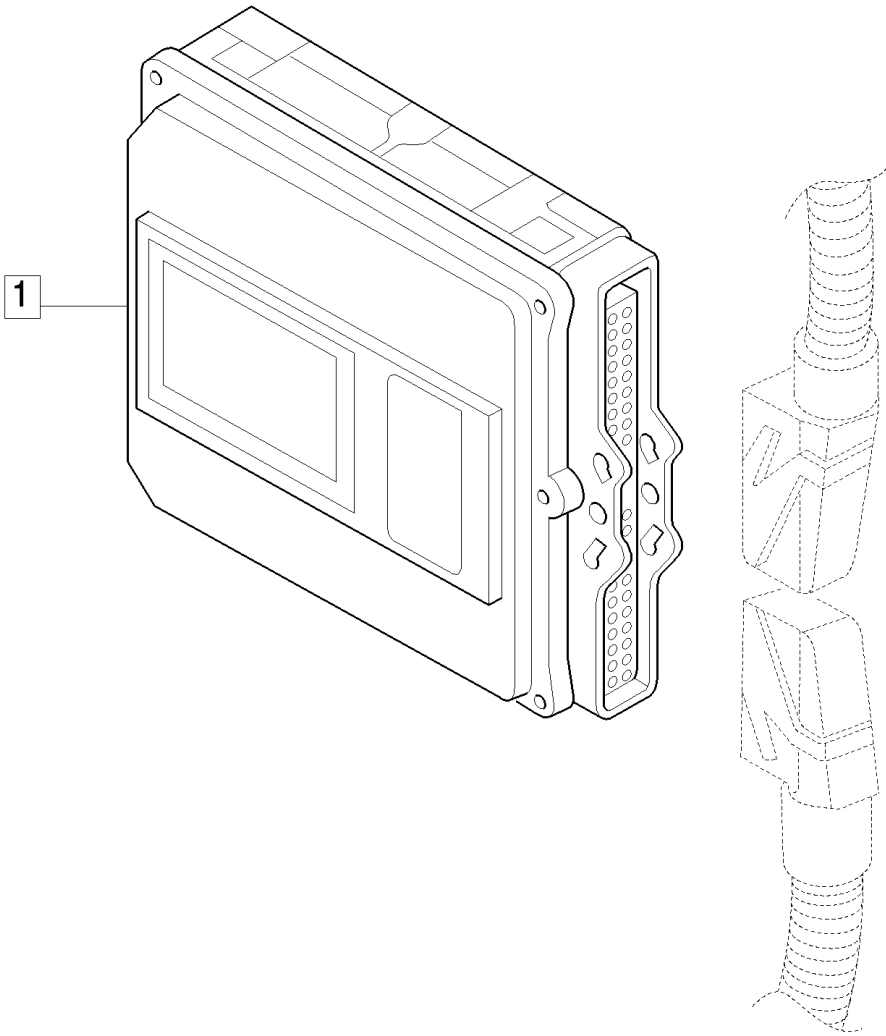
TM190 TRACTOR (6/02-) - Engine

0.40.0/ A ALTERNATOR BREAKDOWN

Ref	Part Number	Qty	Description
1	82014508	1	ALTERNATOR, 120A
2	82026635	1	REGULATOR, VOLTAGE,
3	82019439	1	RECTIFIER,
4	82010664	1	COVER,
5	82023585	1	ROTOR,
6	82019437	1	COIL,
7	82023580	1	PULLEY,
8	82023584	1	RECTIFIER,

0.41.0 ELECTRONIC CONTROL UNIT

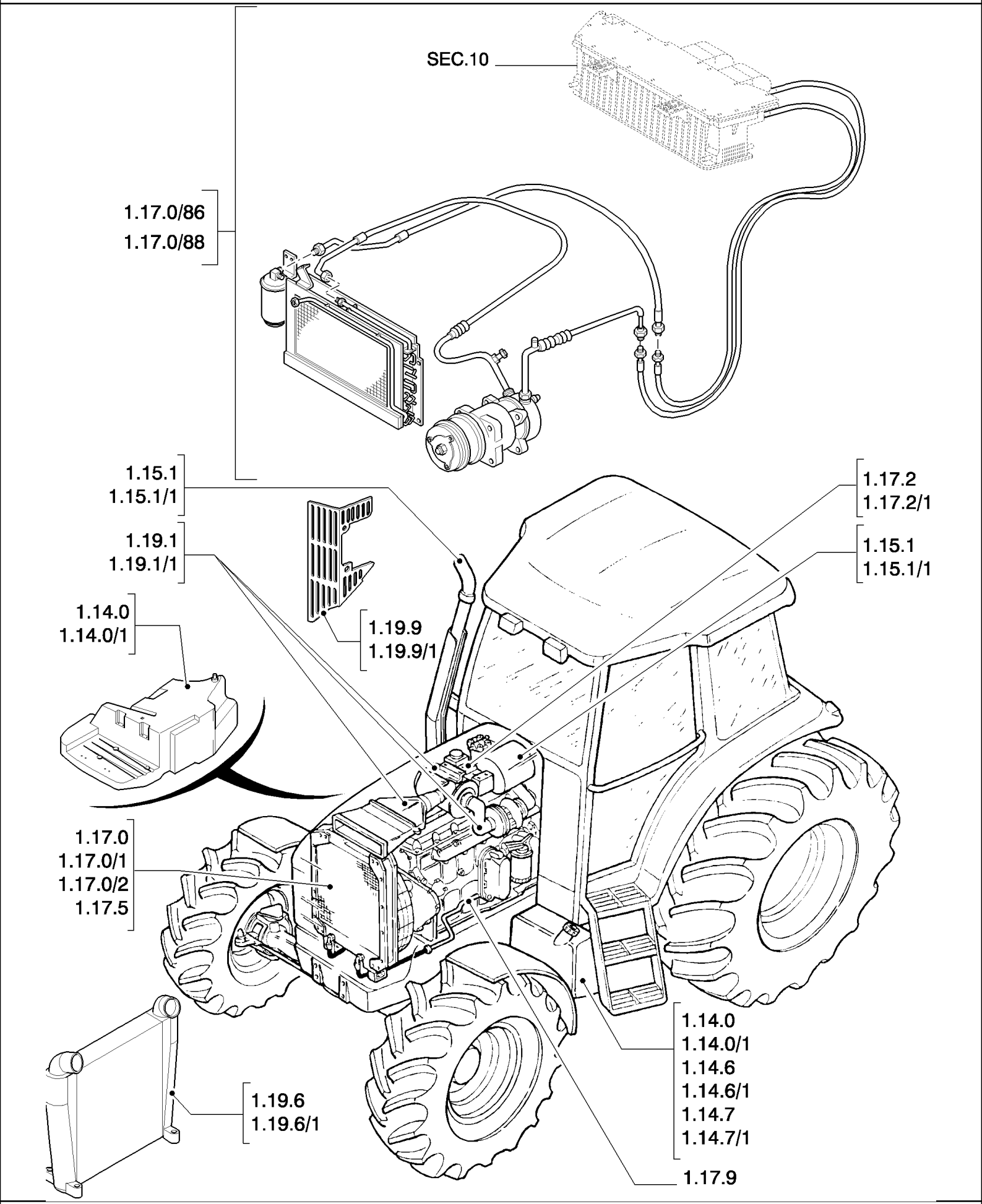




0.41.0 ELECTRONIC CONTROL UNIT

Ref	Part Number	Qty	Description
1	82024982	1	ELECTRONIC UNIT, CONTROL, TM175, -C4874
1	82024972	1	ELECTRONIC UNIT, CONTROL, TM190, -C4874
1	87803370	1	ELECTRONIC UNIT, CONTROL, TM175, D4874-
1	87803360	1	ELECTRONIC UNIT, CONTROL, TM190, D4874-

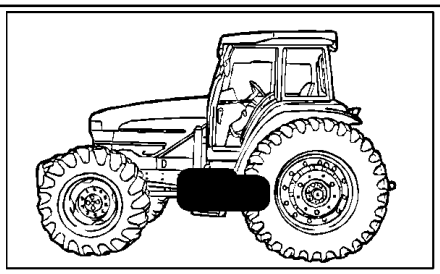
D4874 After Date 01/10/03

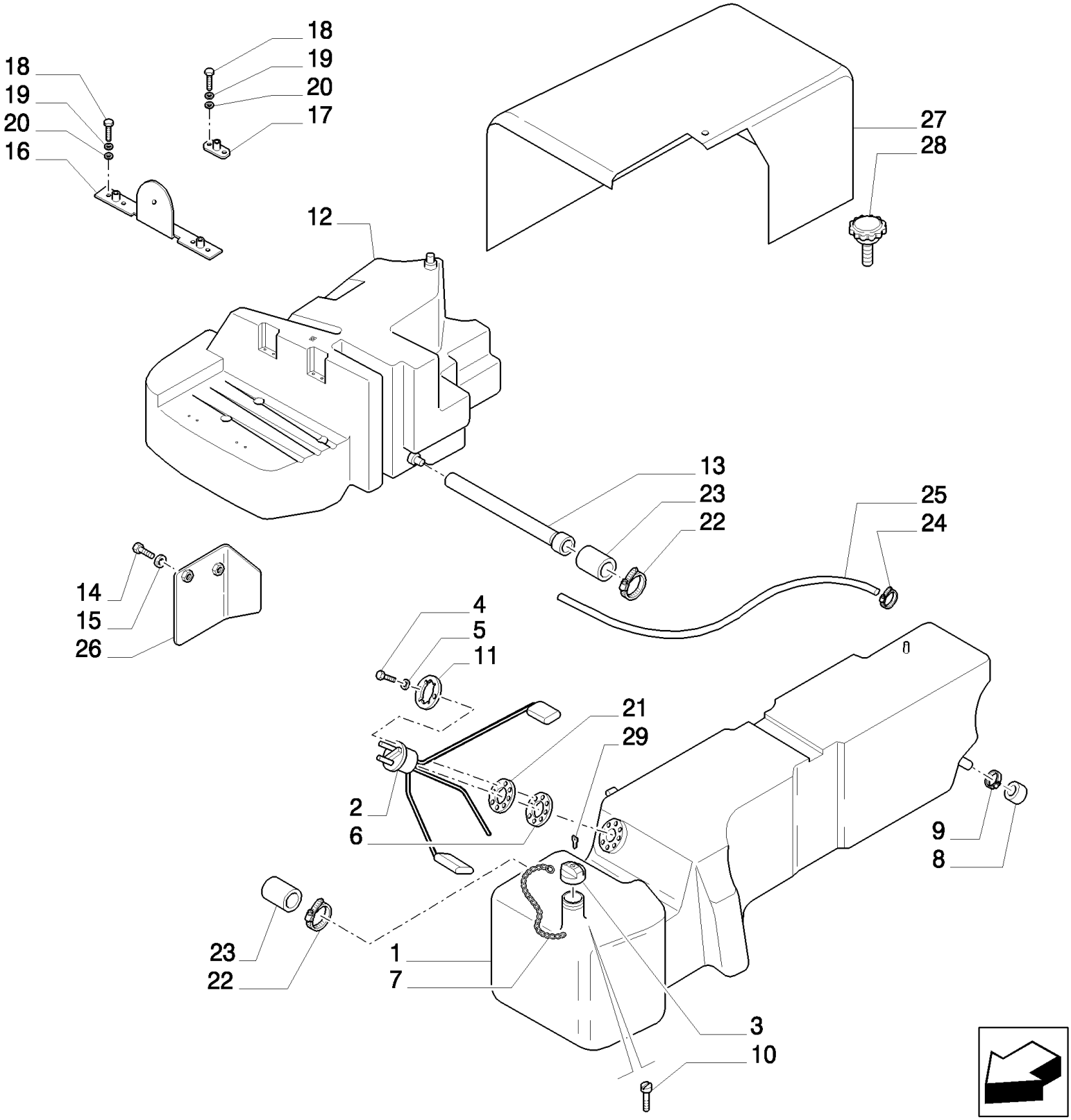

SEC.10
1.17.0/86
1.17.0/88
1.15.1
1.15.1/1
1.19.1
1.19.1/1
1.14.0
1.14.0/1
1.19.9
1.19.9/1
1.17.2
1.17.2/1
1.15.1
1.15.1/1
1.17.0
1.17.0/1
1.17.0/2
1.17.5
1.19.6
1.19.6/1
1.14.0
1.14.0/1
1.14.6
1.14.6/1
1.14.7
1.14.7/1
1.17.9

1.13.0 SEC. 02 - ENGINE EQUIP.

Ref	Part Number	Qty	Description

1.14.0/01(01) FUEL TANK - C5132

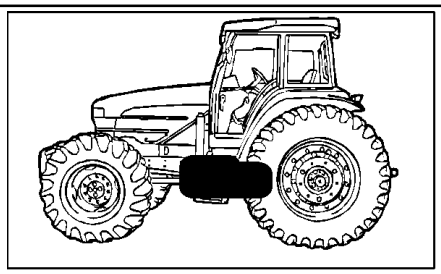


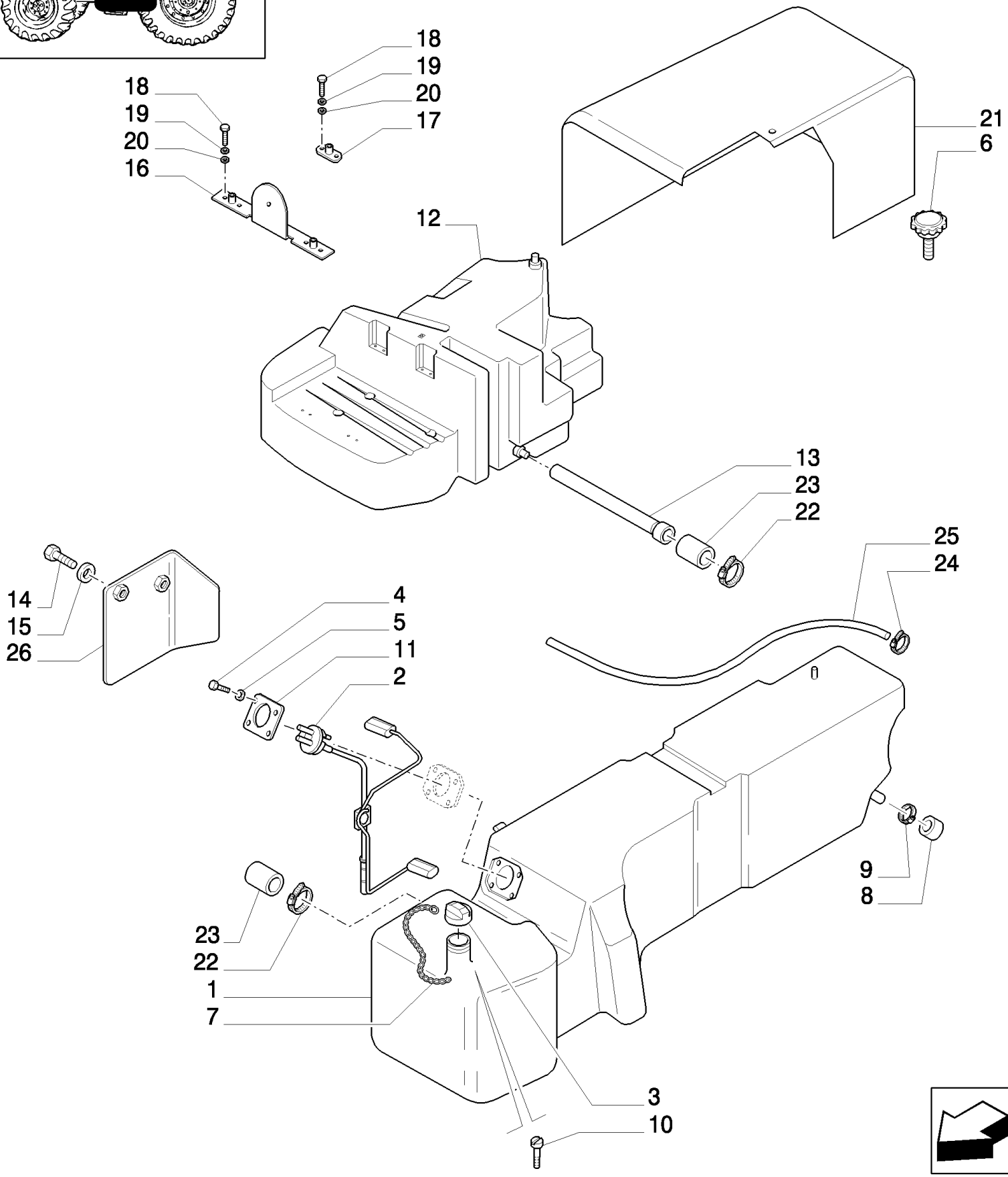


1.14.0/01(01) FUEL TANK - C5132

Ref	Part Number	Qty	Description
1	82028876	1	FUEL TANK, Main, Incl.2-11,21, BSN ACM216712
1	87332125	1	FUEL TANK, Main, Incl.2-11,21-23, ASN ACM216713
2	82026072	1	FLOAT,
3	82011472	1	CAP FUEL, LOCKABLE, , a locking cap
3	82012210	1	CAP, FILLER, , a non locking cap
4	10978024	6	BOLT, Hex, M5 x 20, 8.8, Full Thd,
5	10615371	6	WASHER, LOCK, Ext Tooth, M5,
6	82024612	1	BRACKET,
7	82012533	2	LINK, CHAIN,
8	83998666	1	CAP,
9	82013014	1	CLAMP, HOSE, , BSN ACM216712
9	82012726	1	CLAMP, HOSE, , ASN ACM216713
10	15687201	3	SCREW, SELF TAPPING, Cross Pan Hd, M3.5 x 13,
11	82019709	1	RING,
12	82028880	1	FUEL TANK, Aux., Incl.16-20, BSN ACM216712
12	82034186	1	FUEL TANK, Aux., Incl.13,16-20,22,23, ASN ACM216713
13	82015006	1	TUBE,
14	16043224	1	BOLT, Hex, M8 x 16, 8.8, Full Thd,
15	10516674	2	WASHER, LOCK,
16	82023718	1	BRACKET,
17	82023719	2	BRACKET,
18	10902224	8	BOLT, Hex, M6 x 16, 8.8, Full Thd,
19	14496404	8	WASHER, LOCK,
20	12035670	8	WASHER, LOCK,
21	82026313	1	GASKET,
22	82030095	2	CLAMP,
23	87381882	2	HOSE,
24	82017917	1	HOSE, FLEXIBLE,
25	82039341	2	CLAMP, HOSE,
26	82006792	1	BRACKET,
27	82026118	1	COVER,
28	82000463	2	KNOB, M6
29	82012211	1	KEY, LOCK, for 82011472 fuel cap, BSN ACM216712

1.14.0/01(01A) FUEL TANK - D5132 - C5317





D5132 Serial N.ACP264690 C5317 Serial N.ACM267421

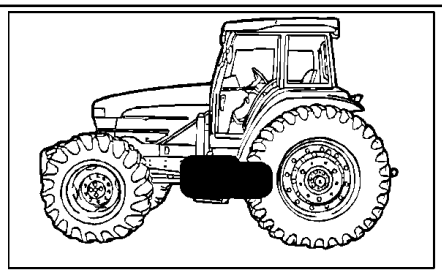
TM190 TRACTOR (6/02-) - Engine Equipment

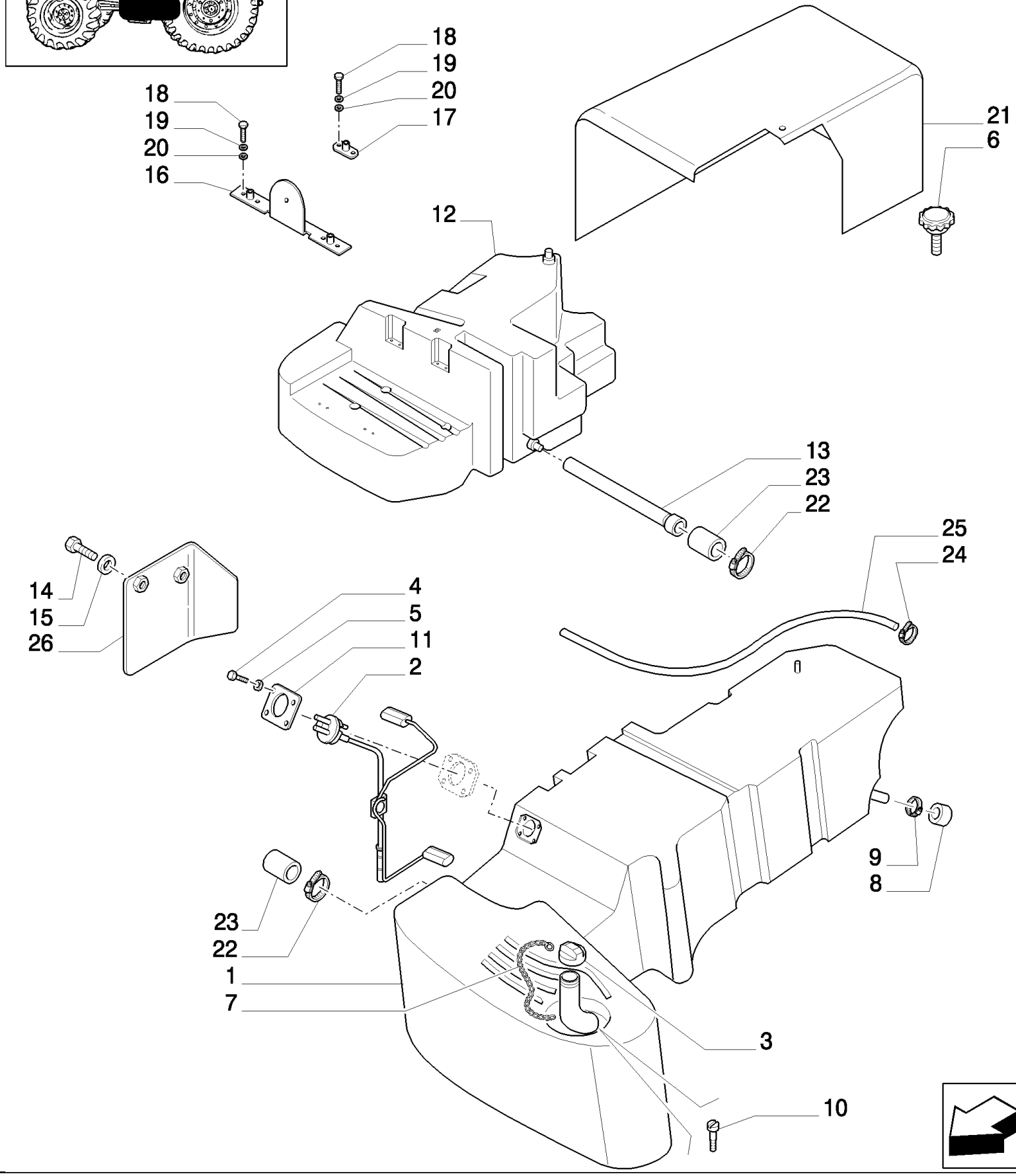
1.14.0/01(01A) FUEL TANK - D5132 - C5317

Ref	Part Number	Qty	Description
1	87341148	1	FUEL TANK, Main, Incl.2-5,7-11,22,23
2	87341204	1	SENDER UNIT,
3	82012210	1	CAP, FILLER,
4	10902224	4	BOLT, Hex, M6 x 16, 8.8, Full Thd,
5	10615479	4	WASHER, LOCK, Ext Tooth, M6, Serr,
6	82000463	2	KNOB, M6
7	82012533	1	LINK, CHAIN,
8	83998666	1	CAP,
9	82012726	1	CLAMP, HOSE,
10	15687201	3	SCREW, SELF TAPPING, Cross Pan Hd, M3.5 x 13,
11	87341216	1	RING,
12	82034186	1	FUEL TANK, Aux., Incl.13,16-20,22,23
13	82015006	1	TUBE,
14	16043224	1	BOLT, Hex, M8 x 16, 8.8, Full Thd,
15	10516674	2	WASHER, LOCK,
16	82023718	1	BRACKET,
17	82023719	2	BRACKET,
18	10902224	8	BOLT, Hex, M6 x 16, 8.8, Full Thd,
19	14496404	8	WASHER, LOCK,
20	12035670	8	WASHER, LOCK,
21	82026118	1	COVER,
22	82030095	2	CLAMP,
23	87381882	2	HOSE,
24	82017917	1	HOSE, FLEXIBLE,
25	82039341	2	CLAMP, HOSE,
26	82006792	1	BRACKET,

D5132 Serial N.ACP264690 C5317 Serial N.ACM267421

1.14.0/01(01B) FUEL TANK - D5317

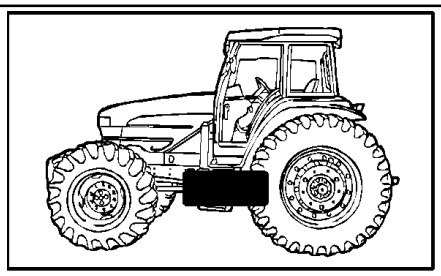


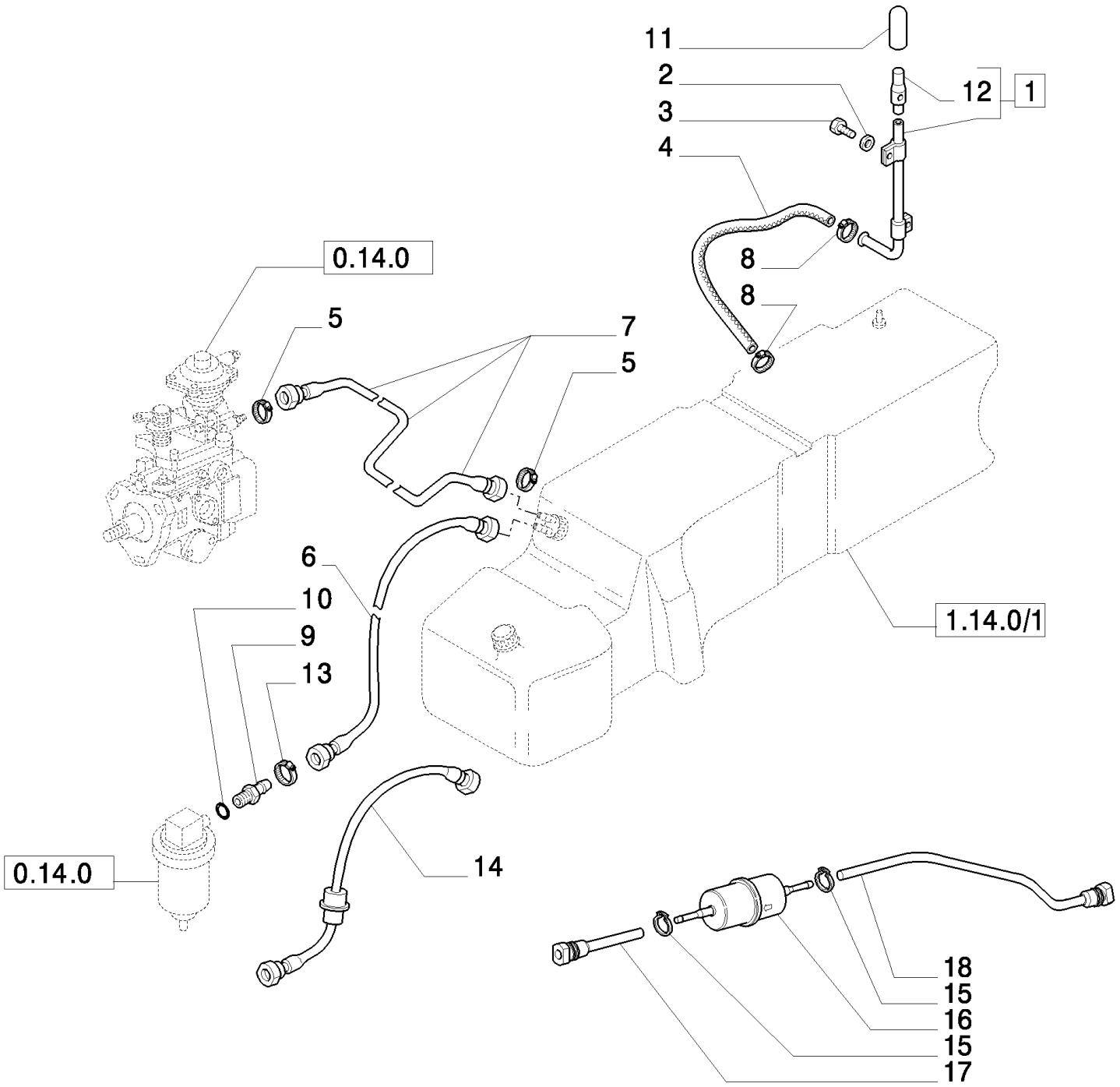


1.14.0/01(01B) FUEL TANK - D5317

Ref	Part Number	Qty	Description
1	87341150	1	FUEL TANK, Main, Incl.2-5,7-11,22,23
2	87341204	1	SENDER UNIT,
3	82012210	1	CAP, FILLER,
4	10902221	4	BOLT, Hex, M6 x 16, 8.8,
5	10615479	4	WASHER, LOCK, Ext Tooth, M6, Serr,
6	82000463	2	KNOB, M6
7	82012533	1	LINK, CHAIN,
8	83998666	1	CAP,
9	82012726	1	CLAMP, HOSE,
10	15687201	3	SCREW, SELF TAPPING, Cross Pan Hd, M3.5 x 13,
11	87341216	1	RING,
12	87381887	1	FUEL TANK, Aux., Incl.13,16-20,22,23
13	82015006	1	TUBE,
14	16043224	1	BOLT, Hex, M8 x 16, 8.8, Full Thd,
15	10516674	2	WASHER, LOCK,
16	82023718	1	BRACKET,
17	82023719	2	BRACKET,
18	10902224	8	BOLT, Hex, M6 x 16, 8.8, Full Thd,
19	14496404	8	WASHER, LOCK,
20	12035670	8	WASHER, LOCK,
21	82026118	1	COVER,
22	82036462	2	CLAMP,
23	87381882	2	HOSE, MM140
24	82017917	1	HOSE, FLEXIBLE,
25	82039341	2	CLAMP, HOSE,
26	82006792	1	BRACKET,

1.14.6/01 FUEL, LINES





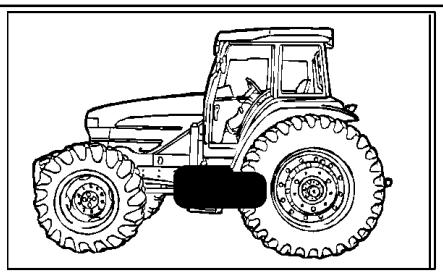
TM190 TRACTOR (6/02-) - Engine Equipment

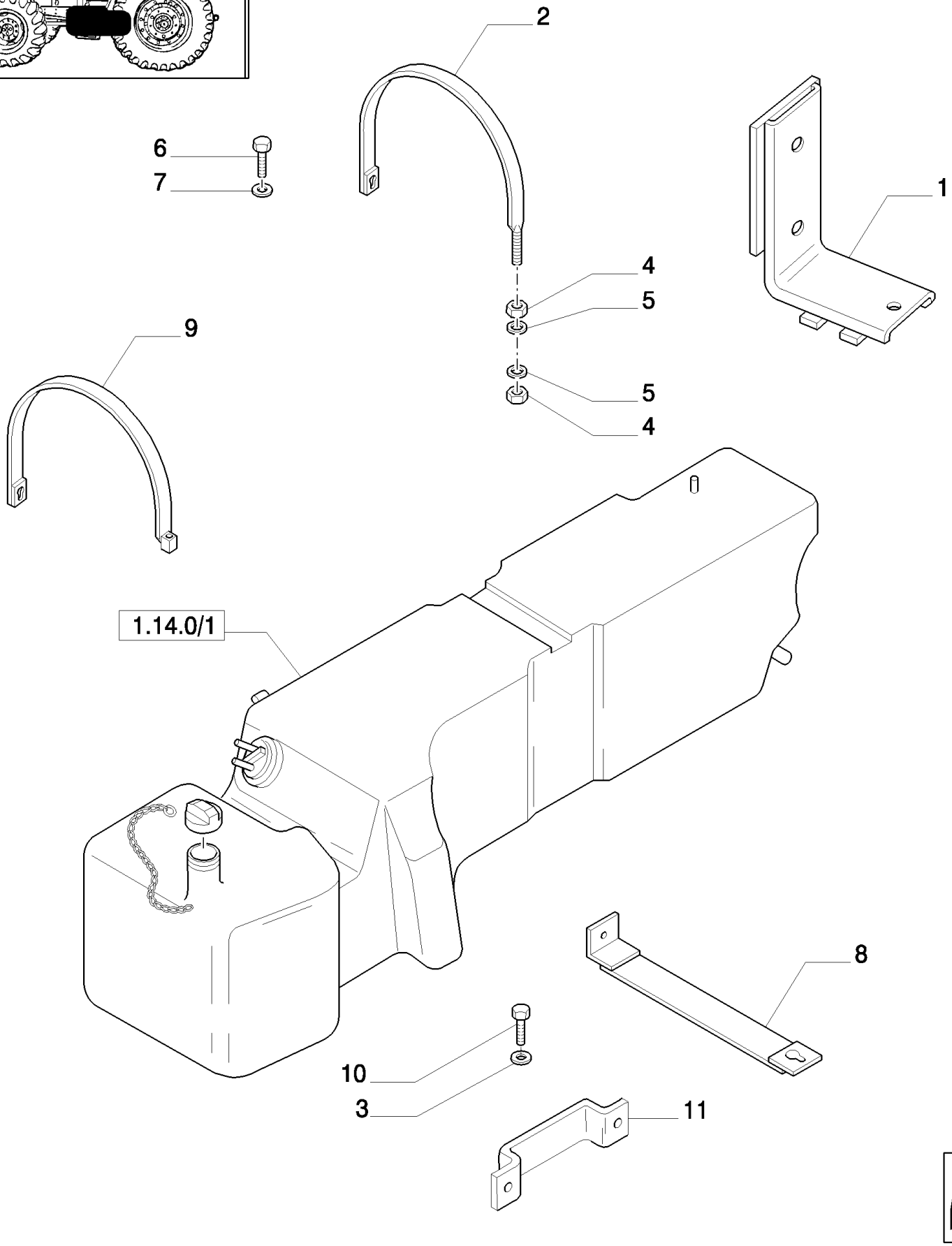
1.14.6/01 FUEL, LINES

Ref	Part Number	Qty	Description
1	82023228	1	TUBE,
2	14496504	2	WASHER, M8 x 17 x 1.6,
3	16043024	2	BOLT, Hex, M8 x 12, 8.8, Full Thd,
4	82012599	1	HOSE, FLEXIBLE,
5	80529070	2	STRAP, CABLE, 5/16" x 14-1/2"
6	82034116	1	HOSE, FLEXIBLE, , -C5254
7	82031642	1	TUBE,
7	82013691	1	HOSE, FLEXIBLE, , W/EQUIP. 245/1, 440/2, 714/1, 714/1, JOYSTICK FOR LOADER
8	82039343	2	CLAMP, HOSE,
9	82012598	1	FITTING,
10	83904845	1	O-RING, Duro 90, .414" ID x .072" Thk
11	82012157	1	PLUG,
12	82012158	1	VALVE,
13	82039341	2	CLAMP, HOSE,
14	87374677	1	HOSE, FLEXIBLE, , D5254-C5328
15	87398435	2	CLAMP, , D5328-
16	87329736	1	FILTER, FUEL, , D5328-
17	87393998	1	HOSE, FLEXIBLE, , D5328-
18	87394000	1	HOSE, FLEXIBLE, , D5328-

D5254 After Date 27 October 2005 D5328 After Date 22 February 2006

1.14.7/01(01) FUEL TANK SUPPORT



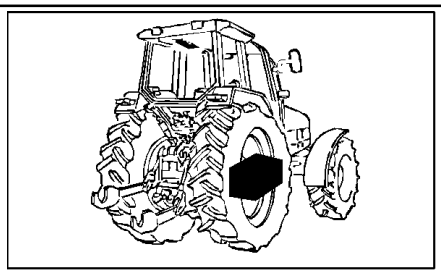


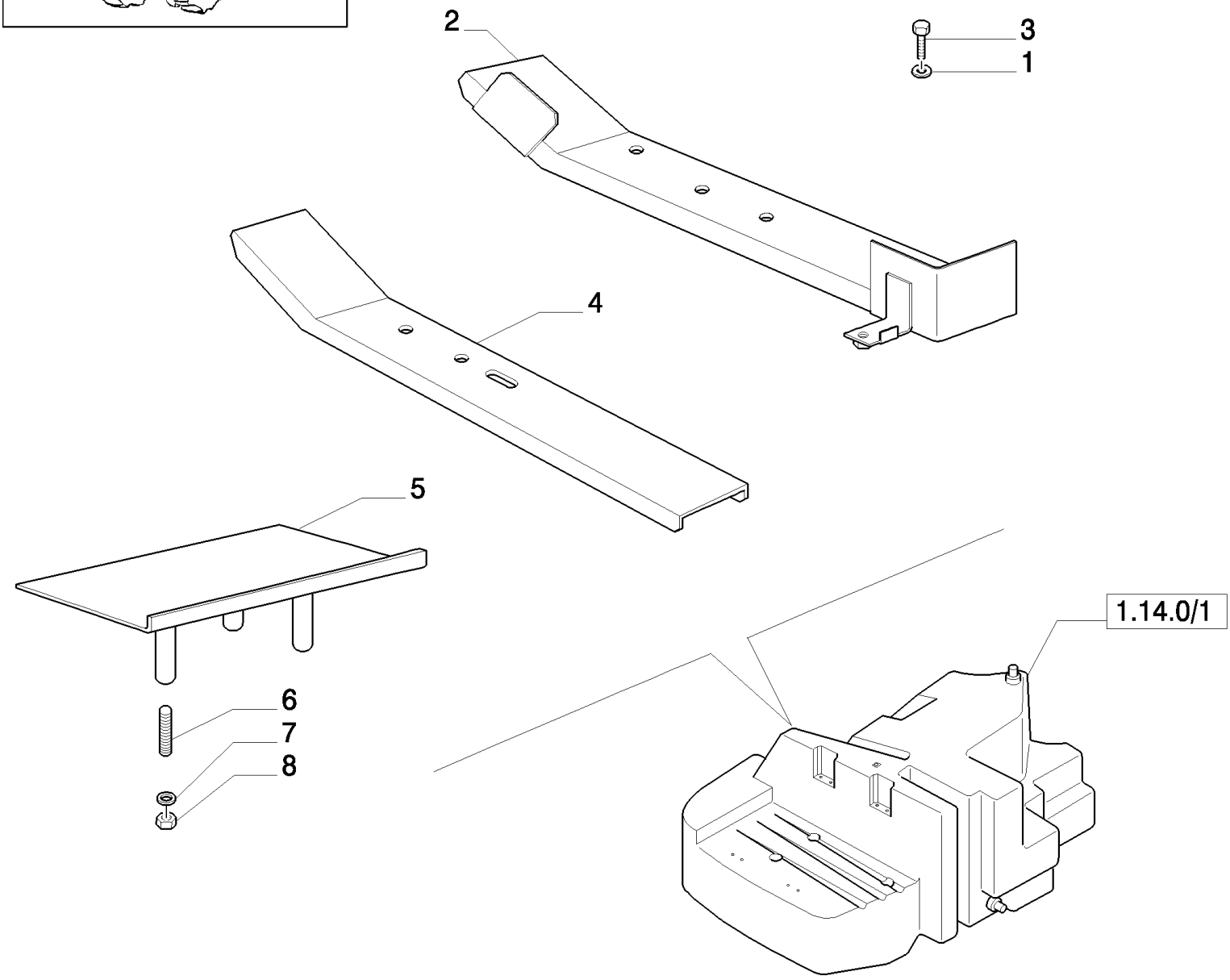
TM190 TRACTOR (6/02-) - Engine Equipment

1.14.7/01(01) FUEL TANK SUPPORT

Ref	Part Number	Qty	Description
1	82017925	1	SUPPORT,
2	82017920	1	STRAP, SECURING, MM.947
3	10516874	2	WASHER, LOCK, 10
4	11701721	4	NUT, M10, Cl 10,
5	14496621	3	WASHER, M10 x 21 x 2,
6	15540321	2	BOLT, Hex, M12 x 1.25 x 25, 8.8, Full Thd,
7	14496704	2	WASHER, 12X24
8	82008429	1	STRAP, SECURING, MM.536
9	82017923	1	STRAP, SECURING, MM.573
9	82008425	1	STRAP, SECURING, MM.521
10	15215421	1	BOLT, Hex, M10 x 90, 8.8,
11	82019513	2	SUPPORT,

1.14.7/01(02) FUEL TANK SUPPORT



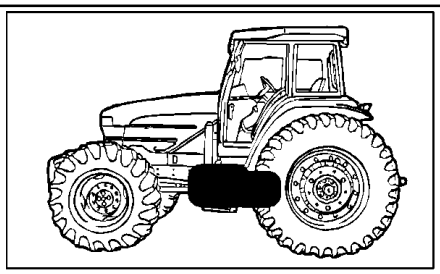


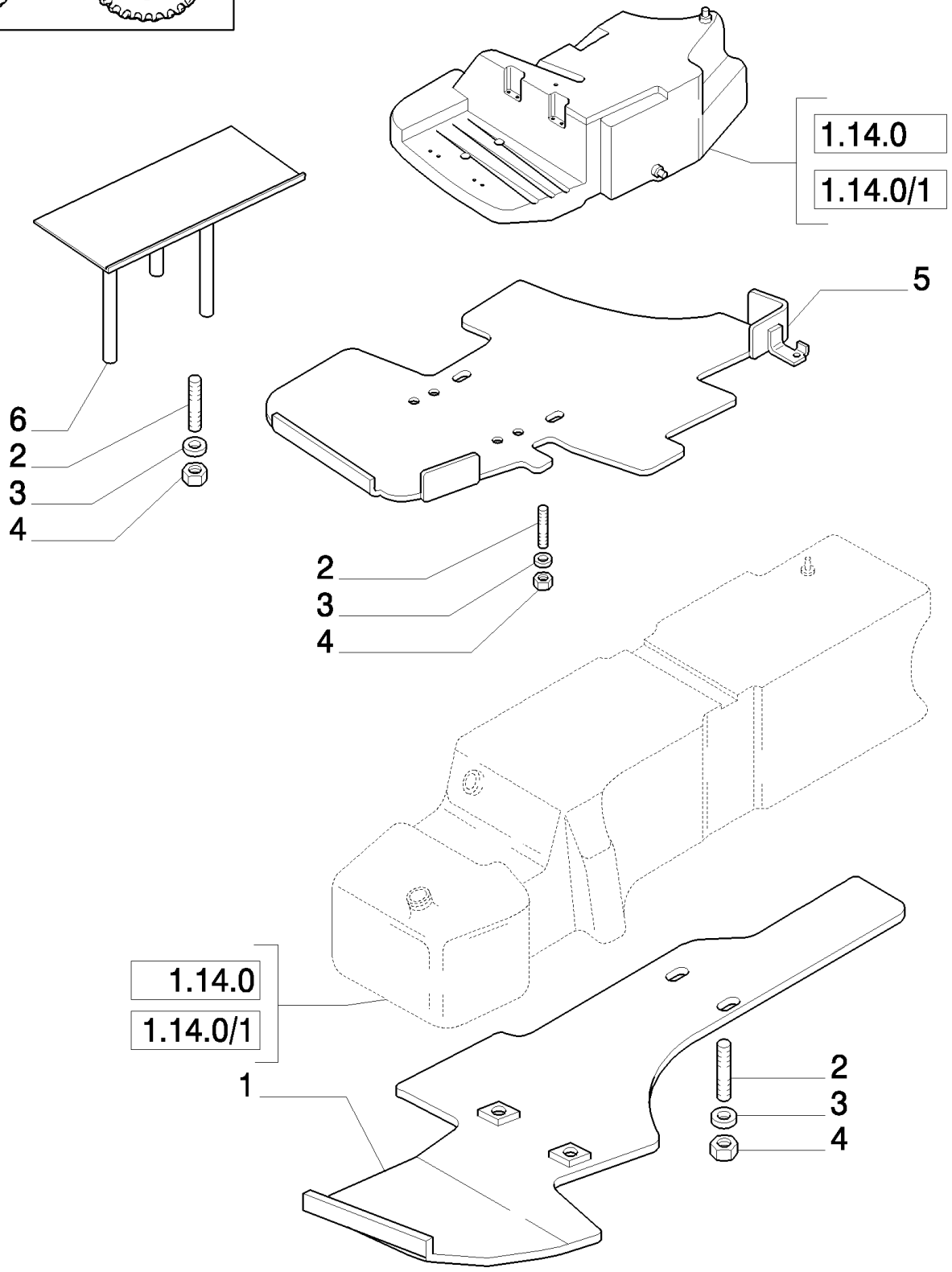
TM190 TRACTOR (6/02-) - Engine Equipment

1.14.7/01(02) FUEL TANK SUPPORT

Ref	Part Number	Qty	Description
1	14496621	4	WASHER, M10 x 21 x 2,
2	82030457	1	SUPPORT,
3	15970524	4	BOLT, Hex, M10 x 1.25 x 20, 8.8, Full Thd,
4	82028874	1	SUPPORT,
5	82027201	1	SUPPORT,
6	82008683	2	STUD,
7	12626204	2	WASHER, M10 x 25 x 3,
8	12574511	1	NUT, LOCK, M10 x 1.25, Cl 8,

1.14.7/02 (VAR.131) FIRE SHIELD

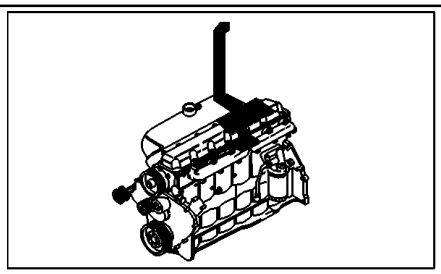


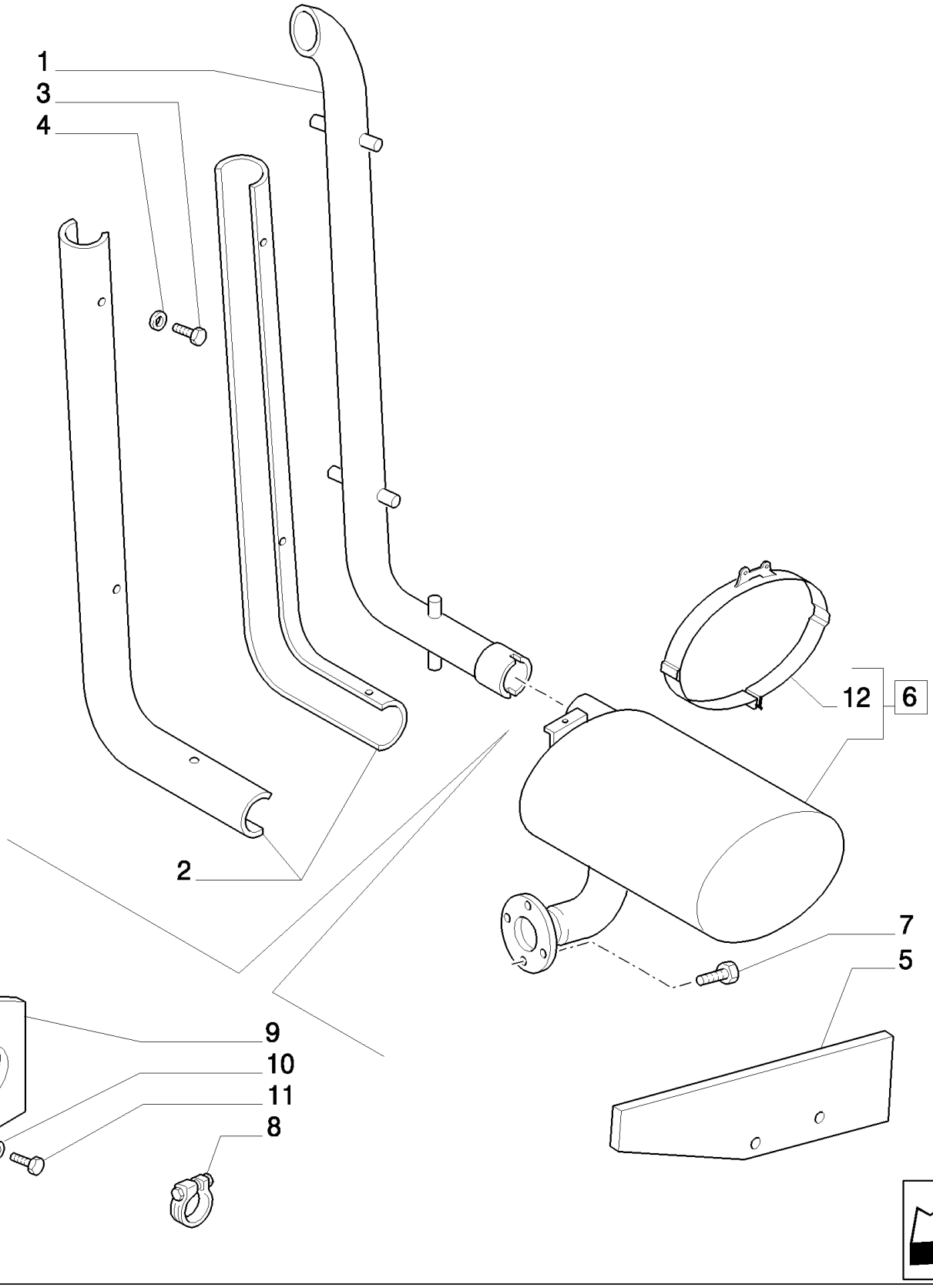


1.14.7/02 (VAR.131) FIRE SHIELD

Ref	Part Number	Qty	Description
1	82019899	1	GUARD, TM120, TM130, TM140, TM155
1	82023804	1	GUARD, TM175, TM190
2	82008683	6	STUD,
3	12626204	6	WASHER, M10 x 25 x 3,
4	12574511	6	NUT, LOCK, M10 x 1.25, Cl 8,
5	82030455	1	SHIELD, TM175, TM190
5	82030451	1	GUARD, TM120, TM130, TM140, TM155
6	82027187	1	SUPPORT, TM120, TM130, TM140, TM155
6	82027201	1	SUPPORT, TM175, TM190

1.15.1/01 SILENCER (MUFFLER)



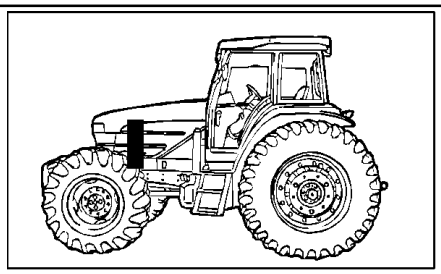


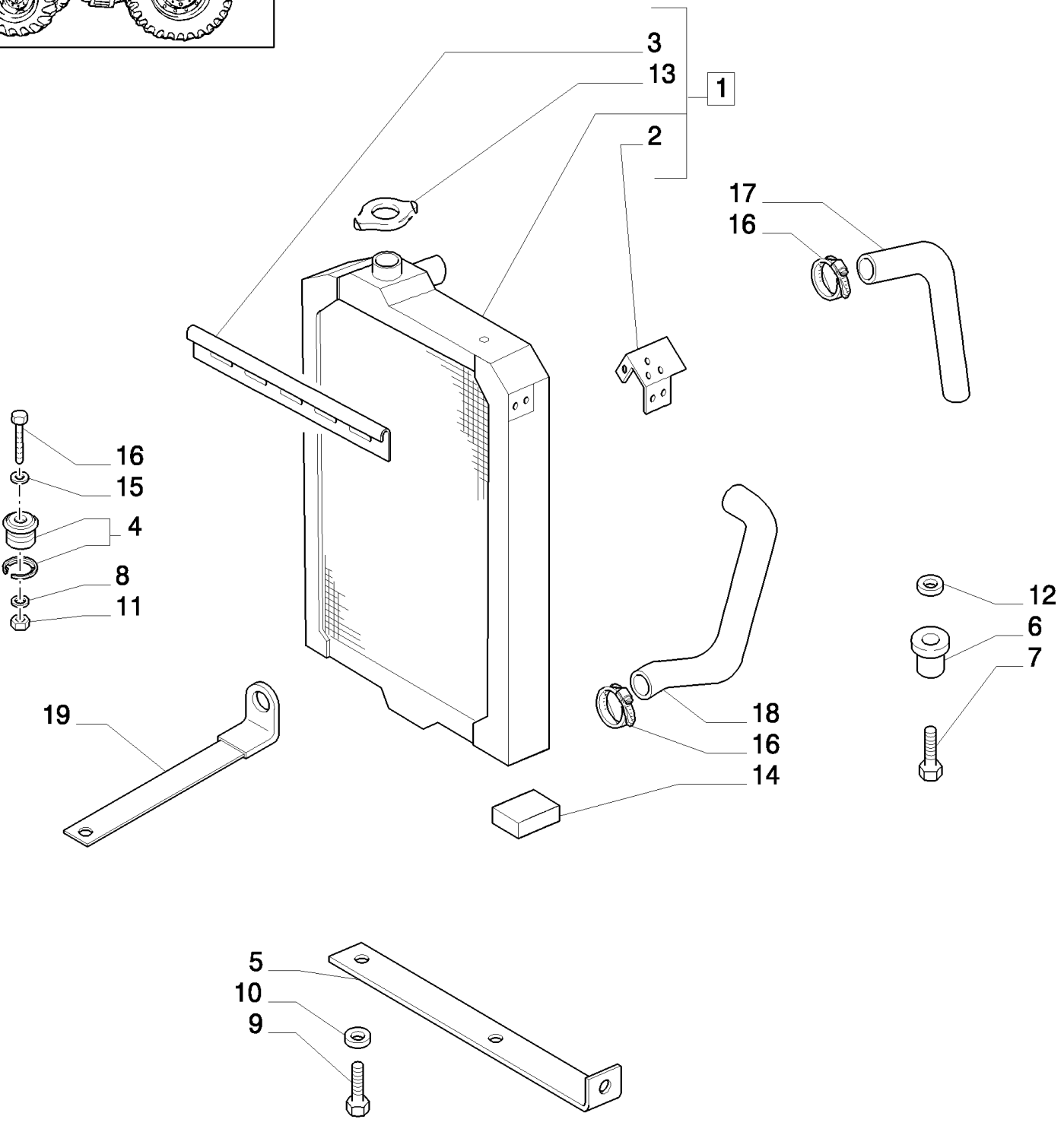
TM190 TRACTOR (6/02-) - Engine Equipment

1.15.1/01 SILENCER (MUFFLER)

Ref	Part Number	Qty	Description
1	82022974	1	MUFFLER, INCL. 2,3,4
2	82022919	1	GUARD,
3	10902124	6	BOLT, Hex, M6 x 14, 8.8, Full Thd,
4	10523401	6	WASHER, M6 x 18 x 2,
5	82007097	1	SHIELD,
6	82017434	1	MUFFLER, ASSY
7	11106221	7	BOLT, Hex, M10 x 25, 8.8, Full Thd,
8	82022918	1	CLAMP,
9	82033467	1	BRACKET,
10	83995286	2	BUSHING, D=12
10	12626204	2	WASHER, M10 x 25 x 3,
11	300388	2	BOLT, Hex, M12 x 25, 8.8,
11	11106424	2	BOLT, Hex, M10 x 30, 8.8, Full Thd,
12	82037066	1	COLLAR,

1.17.0/02 RADIATOR & RELATED PARTS





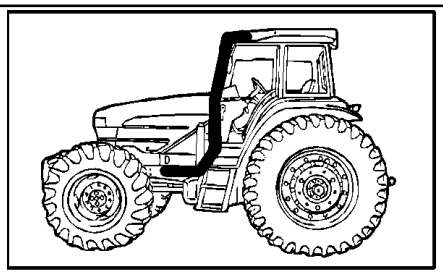
TM190 TRACTOR (6/02-) - Engine Equipment

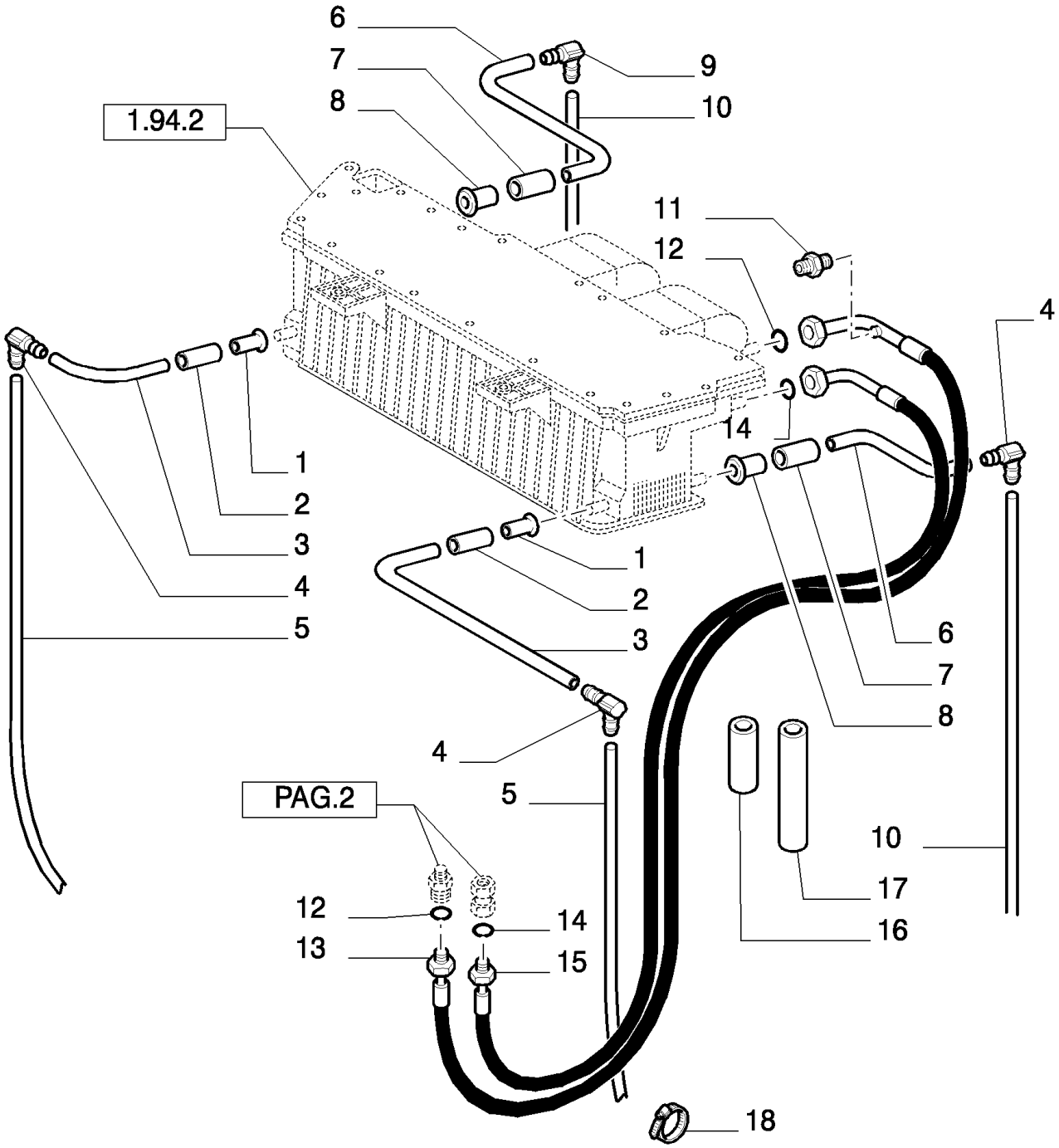
1.17.0/02 RADIATOR & RELATED PARTS

Ref	Part Number	Qty	Description
1	82033525	1	RADIATOR, , -C4883
1	82038688	1	RADIATOR, , D4883-ACM246253
1	87306754	1	RADIATOR, , BTW ACM246254 & ACM256705
1	87352193	1	RADIATOR, , ASN ACM256706
2	82026485	1	BRACKET, , -C4883
3	82019499	4	GUIDE, , -C4883
4	82023389	2	ISOLATOR,
5	82032761	1	BRACKET, , BSN 217254
6	82009429	1	BUSHING,
7	16040821	1	BOLT, Hex, M10 x 40, 8.8, Full Thd,
8	85700654	2	WASHER, M10X50
9	16043224	1	BOLT, Hex, M8 x 16, 8.8, Full Thd,
10	10519604	1	WASHER, M8 x 17 x 2,
11	11701721	1	NUT, M10, Cl 10,
12	83904166	1	WASHER, M10
13	E5TH8100AA	1	CAP, RADIATOR, , -C4883
13	87308289	1	CAP, RADIATOR, , D4883-ACM246253
13	87306788	1	CAP, RADIATOR, , ASN ACM246254
14	82030145	2	SEAL,
15	5102702	2	WASHER,
16	82012728	4	CLAMP, HOSE,
17	82028241	1	HOSE, M10X50
18	82028242	1	HOSE,
19	82033278	1	SUPPORT, , ASN 217255

D4855 Serial N.217255 D4883 After Date 07/11/03 D5077 Serial N.ACM246254 D5231 Serial N.ACM256706

1.17.0/86(01) PIPES FOR AIR CONDITIONING

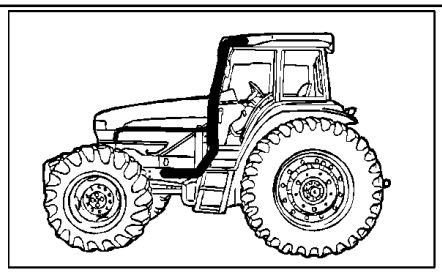


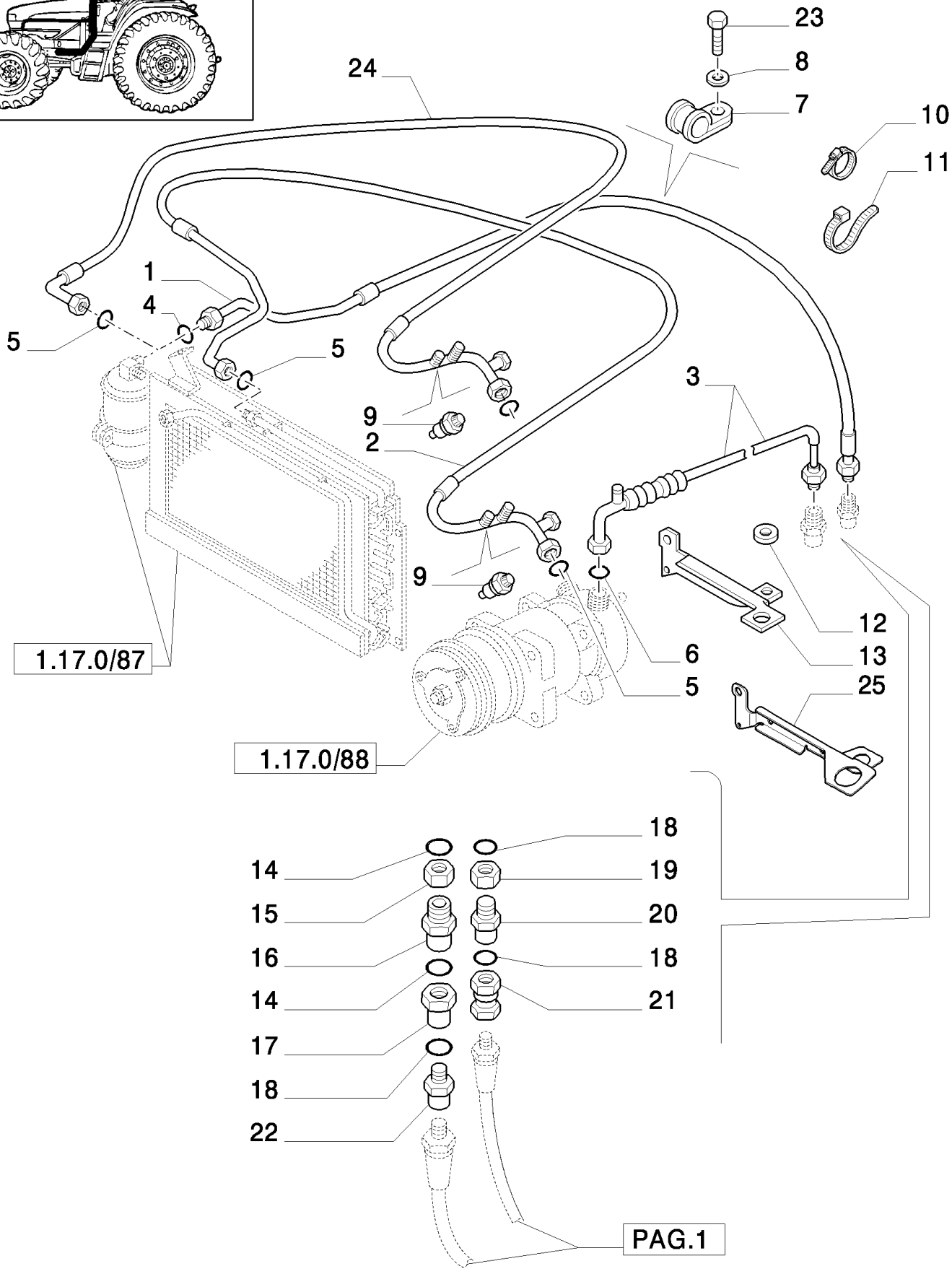


1.17.0/86(01) PIPES FOR AIR CONDITIONING

Ref	Part Number	Qty	Description
1	9832278	2	RIVET,
2	83994832	2	FITTING,
3	83994816	1	HOSE,
4	83994810	1	ELBOW,
5	82011448	1	HOSE, FLEXIBLE,
6	83994825	1	HOSE,
7	83994831	2	FITTING,
8	9832204	2	RIVET,
9	83994807	1	ELBOW,
10	83994822	1	HOSE, FLEXIBLE,
11	87356362	1	SWITCH, PRESSURE,
12	82000791	2	O-RING, 9/16" ID x .070" Thk
13	82014296	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, BSN ACM269617
13	87389799	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, ASN ACM269618
13	82019421	1	HOSE, FLEXIBLE, TM175, TM190, BSN ACM269617
13	87382992	1	HOSE, FLEXIBLE, TM175, TM190, ASN ACM269618
14	82000793	2	O-RING, 5/16" ID x .070" Thk
15	82019400	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, BSN ACM269617
15	87382948	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, ASN ACM269618
15	82019420	1	HOSE, FLEXIBLE, TM175, TM190, BSN ACM269617
15	87389808	1	HOSE, FLEXIBLE, TM175, TM190, ASN ACM269618
16	81871638	1	INSULATION, FOAM,
17	82002607	1	INSULATION, FOAM,
18	5112712	AR	STRAP, CABLE, M4.8 x 283, 11.4"

1.17.0/86(02) PIPES FOR AIR CONDITIONING

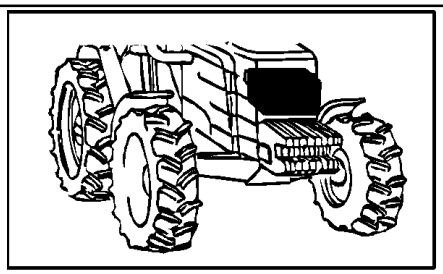


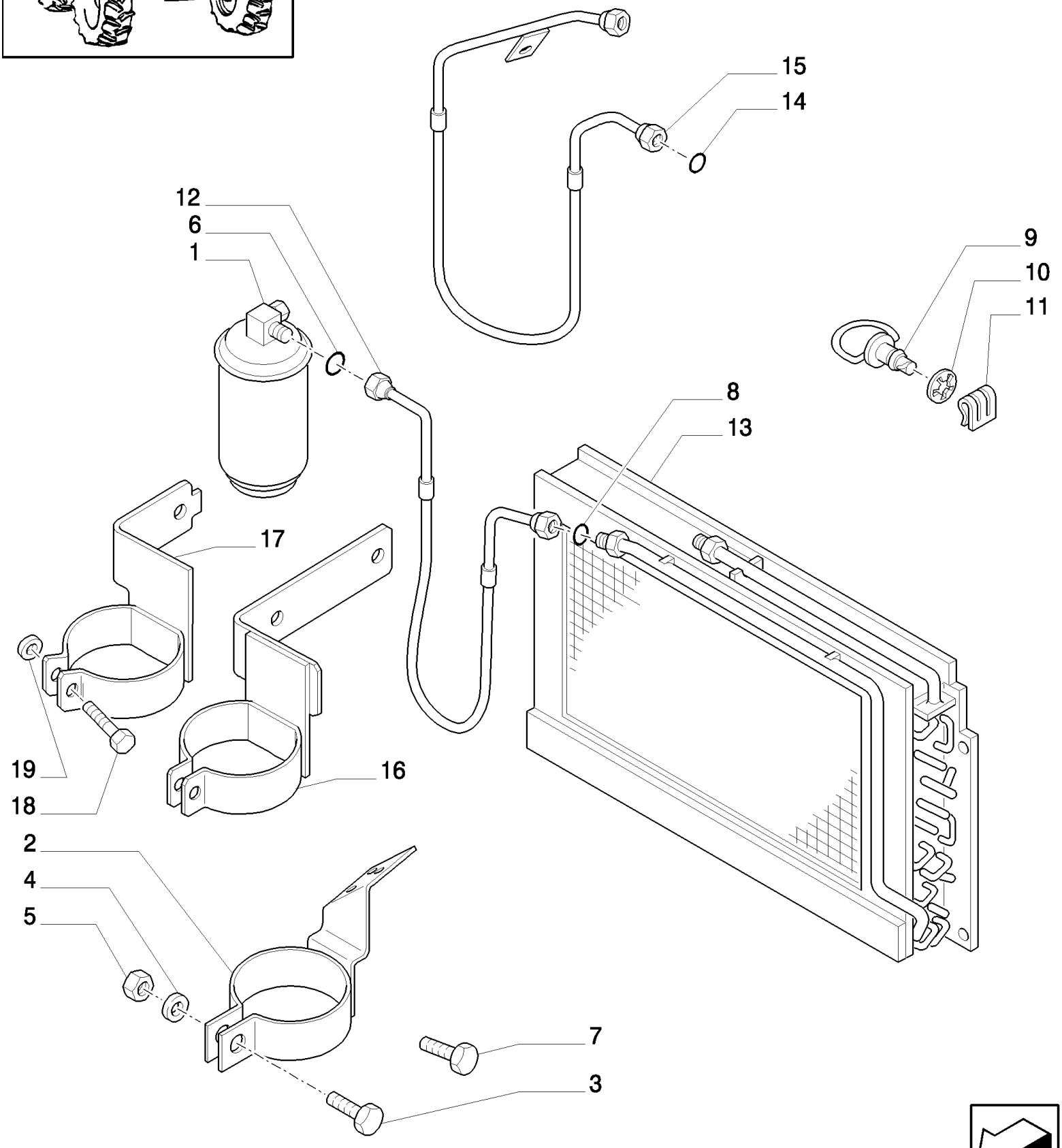


1.17.0/86(02) PIPES FOR AIR CONDITIONING

Ref	Part Number	Qty	Description
1	82026488	1	TUBE, RIGID, DEHYDRATOR TO EVAPORATOR, TM120, TM130, TM140, TM155, BSN 217254
1	82026494	1	HOSE, FLEXIBLE, DEHYDRATOR TO EVAPORATOR, TM175, TM190, BSN 217254
1	82033692	1	TUBE, DEHYDRATOR TO EVAPORATOR, ASN 217255
2	82026487	1	TUBE, RIGID, COMPRESSOR TO CONDENSER, TM120, TM130, TM140, TM155, BSN 217254
2	82026493	1	HOSE, FLEXIBLE, COMPRESSOR TO CONDENSER, TM175, TM190, BSN 217254
3	82014147	1	HOSE, FLEXIBLE, EVAPORATOR TO COMPRESSOR
4	82000793	1	O-RING, 5/16" ID x .070" Thk
5	9827058	1	O-RING, .426" ID x .070" Thk
6	89827059	1	O-RING, .551" ID x .070" Thk
7	10450690	1	CLAMP, Cap, HH, CL 8.8, M6X1X14
8	83904190	1	WASHER, 6X16
9	82019426	1	SWITCH, PRESSURE, HIGH PRESSURE
10	82011138	1	STRAP, CABLE,
11	263117	2	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
12	82009350	1	WASHER, 25,9X41,6X1,7
13	82015296	1	BRACKET, , BSN ACM266570
14	82000790	2	O-RING, 1.06" ID x .070" Thk
15	83905107	1	NUT, 1-7/16"-16
16	D5NN19B595B	1	CONNECTOR, HYD.,
17	1280492C1	1	COUPLING, PUSH-PULL,
18	82000789	3	O-RING, 11/16" ID x .070" Thk
19	385551S36	1	NUT, 1"-20
20	D5NN19B595A	1	CONNECTOR, HYD.,
21	D5NN19B596A	1	COUPLING,
22	82033941	1	ADAPTER,
23	86508568	1	BOLT, Hex, M6 x 16, 8.8,
24	87303475	1	PIPE, COMPRESSOR TO CONDENSER, ASN 217255
25	87358568	1	BRACKET, , ASN ACM266571

1.17.0/87 CONDENSER AND DEHYDRATING FILTER FOR AIR CONDITIONING

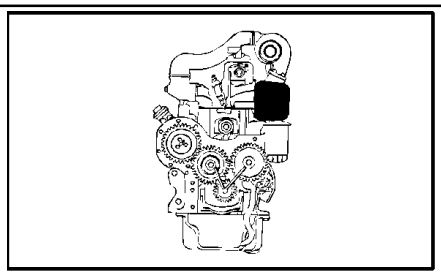


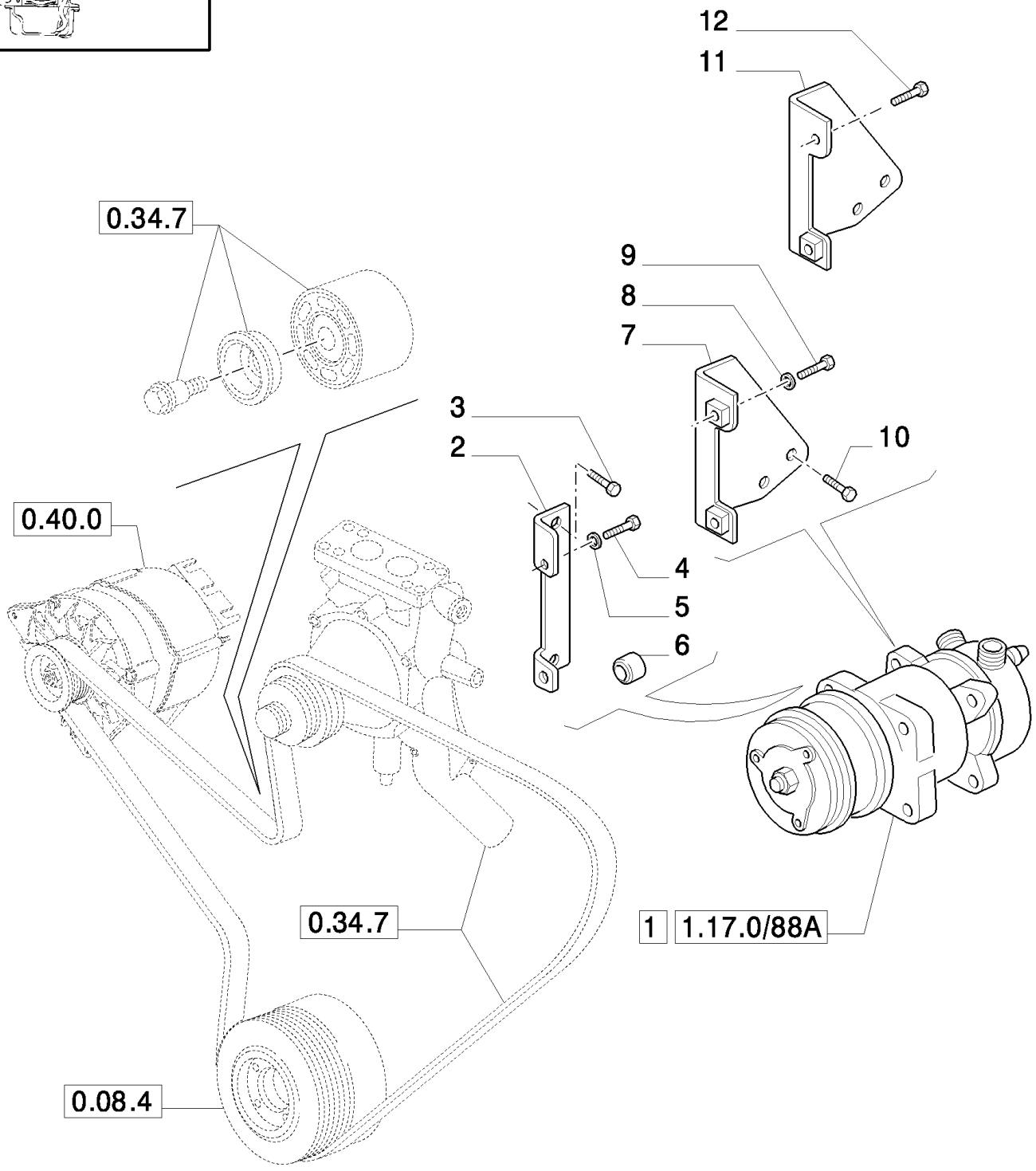


1.17.0/87 CONDENSER AND DEHYDRATING FILTER FOR AIR CONDITIONING

Ref	Part Number	Qty	Description
1	82023593	1	RECEIVER-DRYER, , BSN 217254
1	87374420	1	RECEIVER-DRYER, , ASN 217255
2	82026483	1	BRACKET, , BSN 217254
3	10902424	1	BOLT, Hex, M6 x 20, 8.8, Full Thd,
4	15896221	1	NUT, M6, Cl 10,
5	14496404	2	WASHER, LOCK,
6	82000793	2	O-RING, 5/16" ID x .070" Thk, Green
7	86511828	1	SCREW, Cross Pan Hd, M6 x 12,
8	82000789	2	O-RING, 11/16" ID x .070" Thk, Green
9	82011199	1	FASTENER,
10	82004583	1	PLATE,
11	82004582	1	CLIP,
12	82026489	1	TUBE, Incl. 6,8, Dehydrator to condenser, BSN 217254
12	82033295	1	TUBE, TM120, TM130, TM140, TM155, Dehydrator to condenser, ASN 217255
12	82033481	1	TUBE, TM175, TM190, Dehydrator to condenser, ASN 217255
13	82023592	1	CONDENSER, , BSN 217254
13	82033407	1	CONDENSER, , ASN 217255
14	9827058	1	O-RING, .426" ID x .070" Thk
15	82026490	1	TUBE, Incl. 14, BSN 217254
15	82033293	1	TUBE, TM120, TM130, TM140, TM155, ASN 217255
15	82033519	1	TUBE, TM175, TM190, ASN 217255
16	82033517	1	BRACKET, , BTW 217255 & ACM264533
17	87365129	1	BRACKET, , D5252-
18	10979221	1	BOLT, Hex, M10 x 16, 8.8, Full Thd,
19	14496601	1	WASHER, M10 x 20 x 2,

1.17.0/88 COMPRESSOR, AIR CONDITIONING

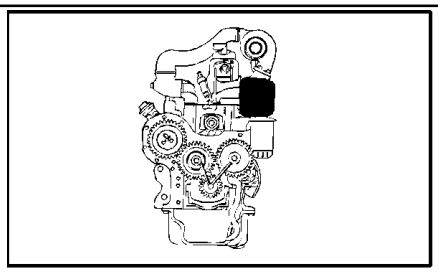


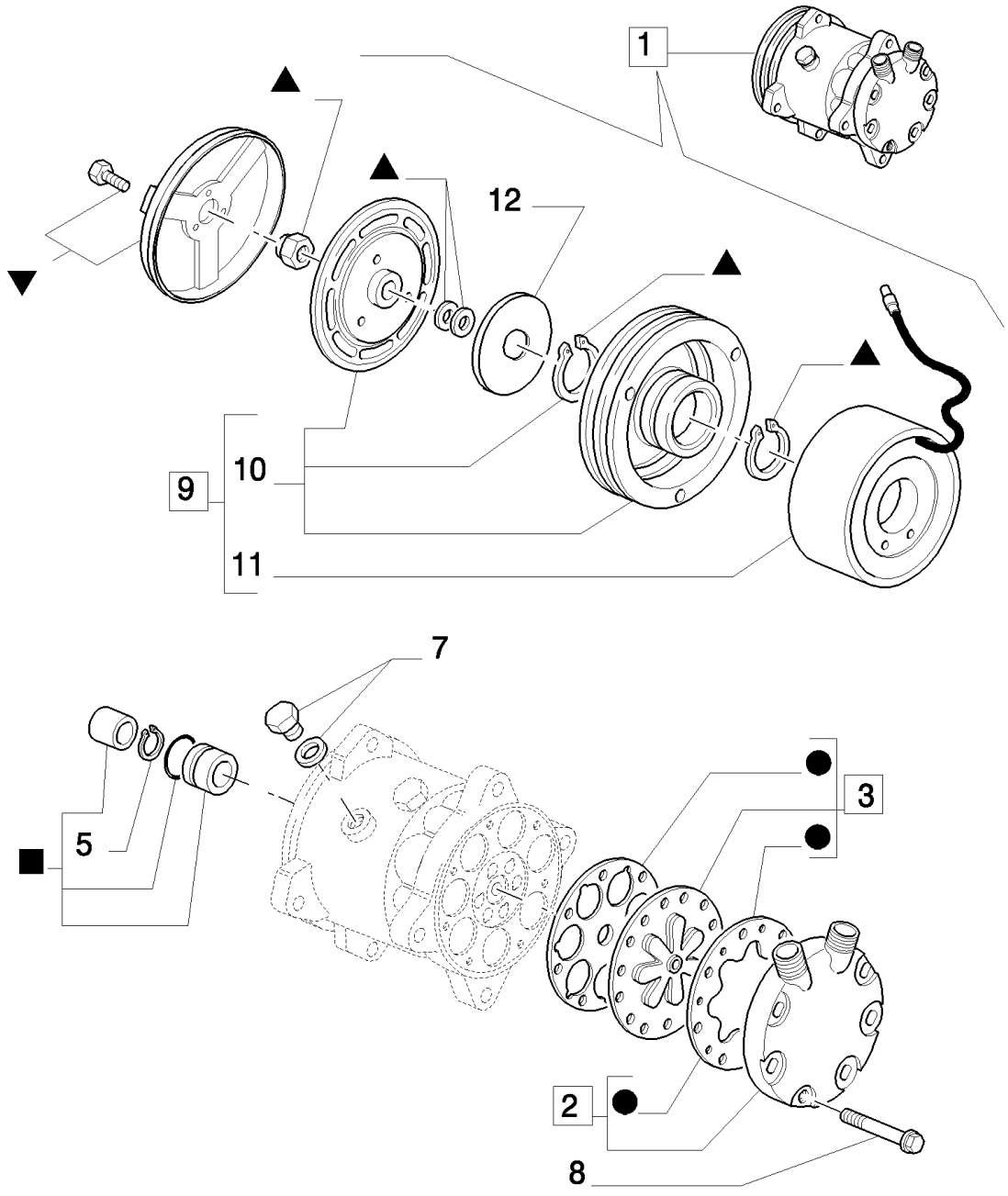


1.17.0/88 COMPRESSOR, AIR CONDITIONING

Ref	Part Number	Qty	Description
1	82016158	1	COMPRESSOR, AIRCOND.,
2	82016020	1	BRACKET,
3	16043624	2	BOLT, Hex, M8 x 25, 8.8, Full Thd,
4	14420271	2	SCREW, Hex Soc Hd, M10 x 30, 12.9,
5	11198374	2	WASHER, SPRING, Belleville, M10.5,
6	82016174	2	DOWEL, 8,5X11,2X8,5
7	87368345	1	BRACKET, , -C5325
8	14496621	AR	WASHER, M10 x 21 x 2,
9	81869630	2	SCREW, Hex Soc Hd, M10 x 35, 8.8,
10	86500692	2	BOLT, Hex, 3/8"-16 x 3/4", G8, Full Thd,
11	87391185	1	BRACKET, , D5325-
12	11701711	1	NUT, M10, Cl 8, , D5325-

1.17.0/88A(01) COMPRESSOR BREAKDOWN, AIR CONDITIONING

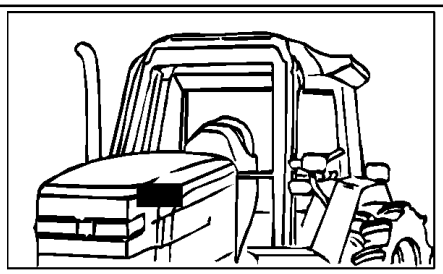


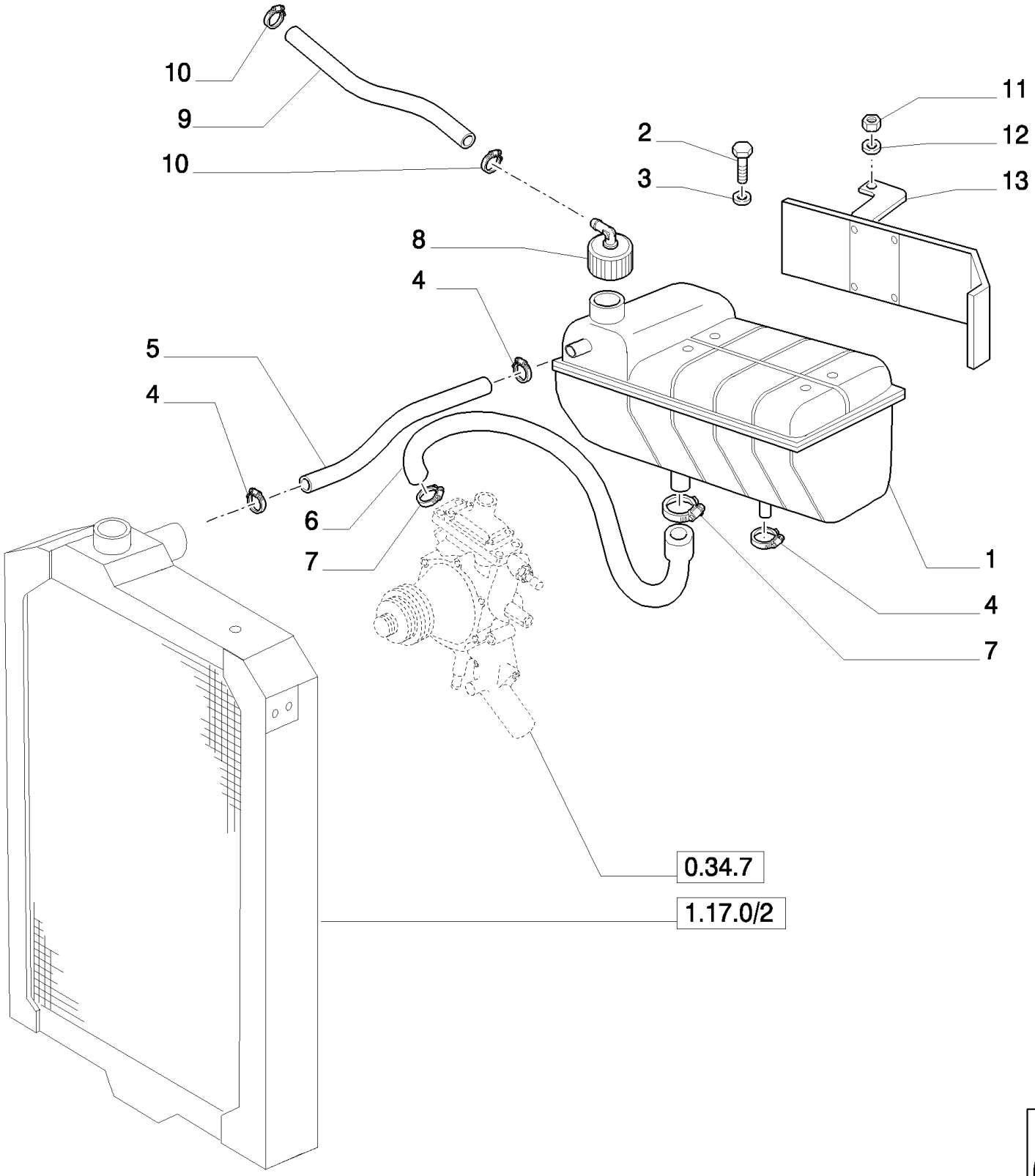


1.17.0/88A(01) COMPRESSOR BREAKDOWN, AIR CONDITIONING

Ref	Part Number	Qty	Description
1	82016158	1	COMPRESSOR, AIRCOND.,
2	82008814	1	CYLINDER HEAD,
3	87334395	1	PLATE,
4	87334396	1	KIT,
5	87334397	1	RING, SNAP,
6	87334398	1	KIT, SEALS,
7	82008819	1	PLUG,
8	82008822	1	BOLT,
9	87334399	1	CLUTCH,
10	87334400	1	ARMATURE,
11	87334401	1	COIL,
12	87334402	1	DUST CAP,
13	87334403	1	PROTECTING COVER,
14	87334404	1	KIT, SERVICE,

1.17.2/01 COOLING, EXPANSION TANK / TEMPERATURE CONTROL

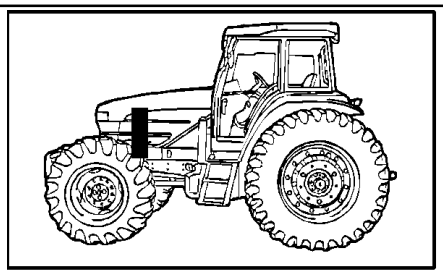


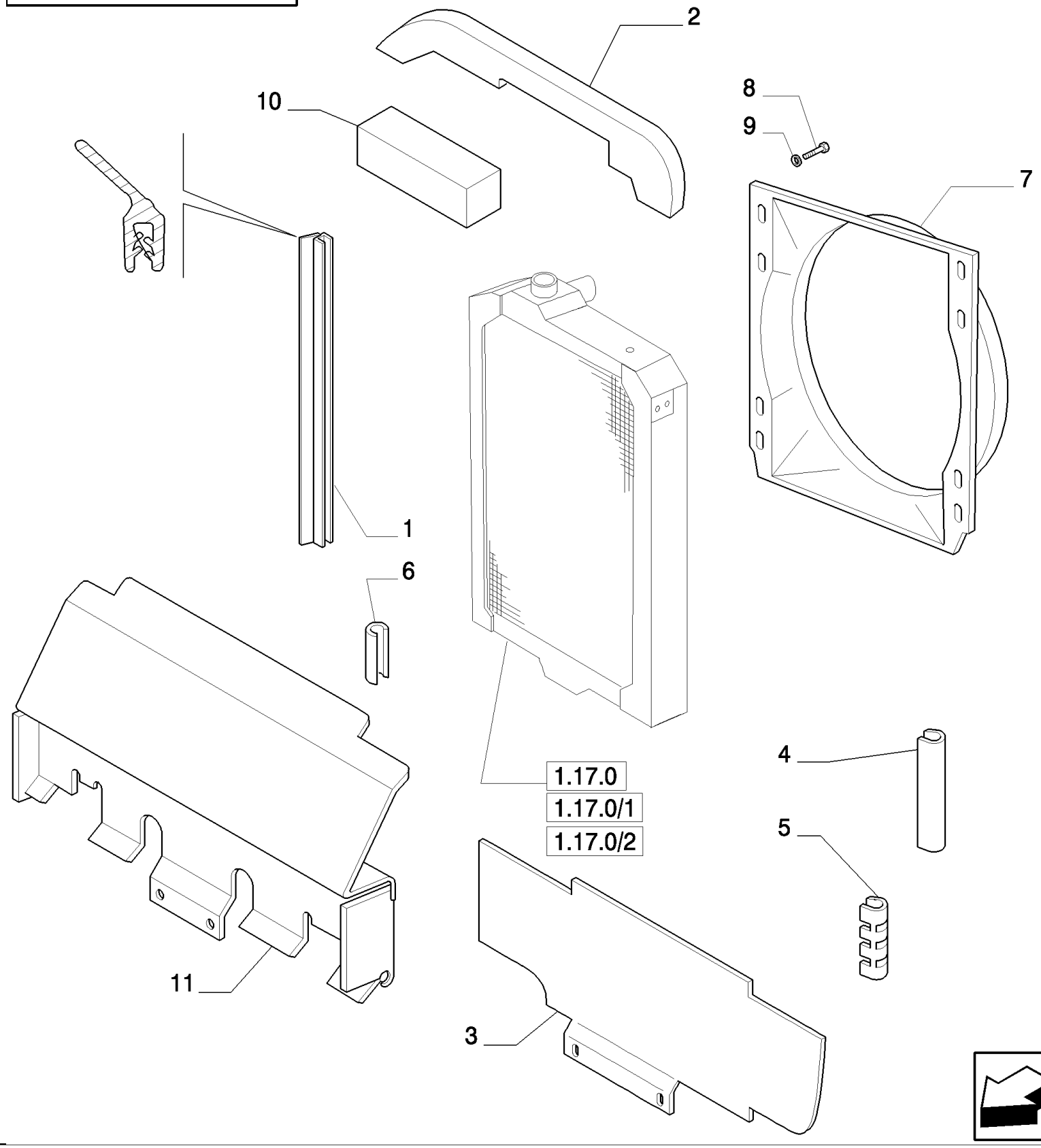


1.17.2/01 COOLING, EXPANSION TANK / TEMPERATURE CONTROL

Ref	Part Number	Qty	Description
1	82019583	1	RESERVOIR,COOLANT EXPNSN, , Components not serviced separately
2	16043224	4	BOLT, Hex, M8 x 16, 8.8, Full Thd,
3	10519604	4	WASHER, M8 x 17 x 2,
4	82039342	2	CLAMP, HOSE,
5	82023370	1	HOSE, FLEXIBLE,
6	82023372	1	HOSE, FLEXIBLE,
7	82039345	2	CLAMP, HOSE,
8	82022744	1	PLUG,
9	82031702	1	HOSE,
10	529070	2	STRAP, CABLE, .30" x 14.5", 5/16" x 14-1/2"
11	15896221	1	NUT, M6, Cl 10,
12	9824259	1	WASHER, M6 x 12 x 1.6,
13	82018184	1	SHIELD,
	82037544	1	MAGNET, not shown

1.17.5 RADIATOR & RELATED PARTS

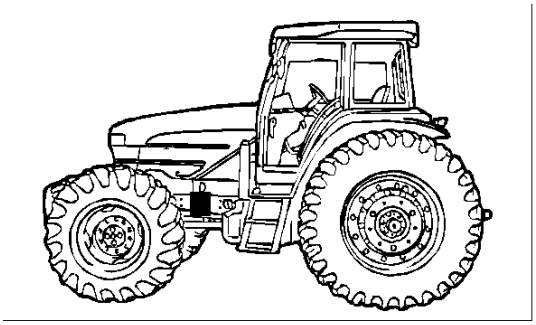


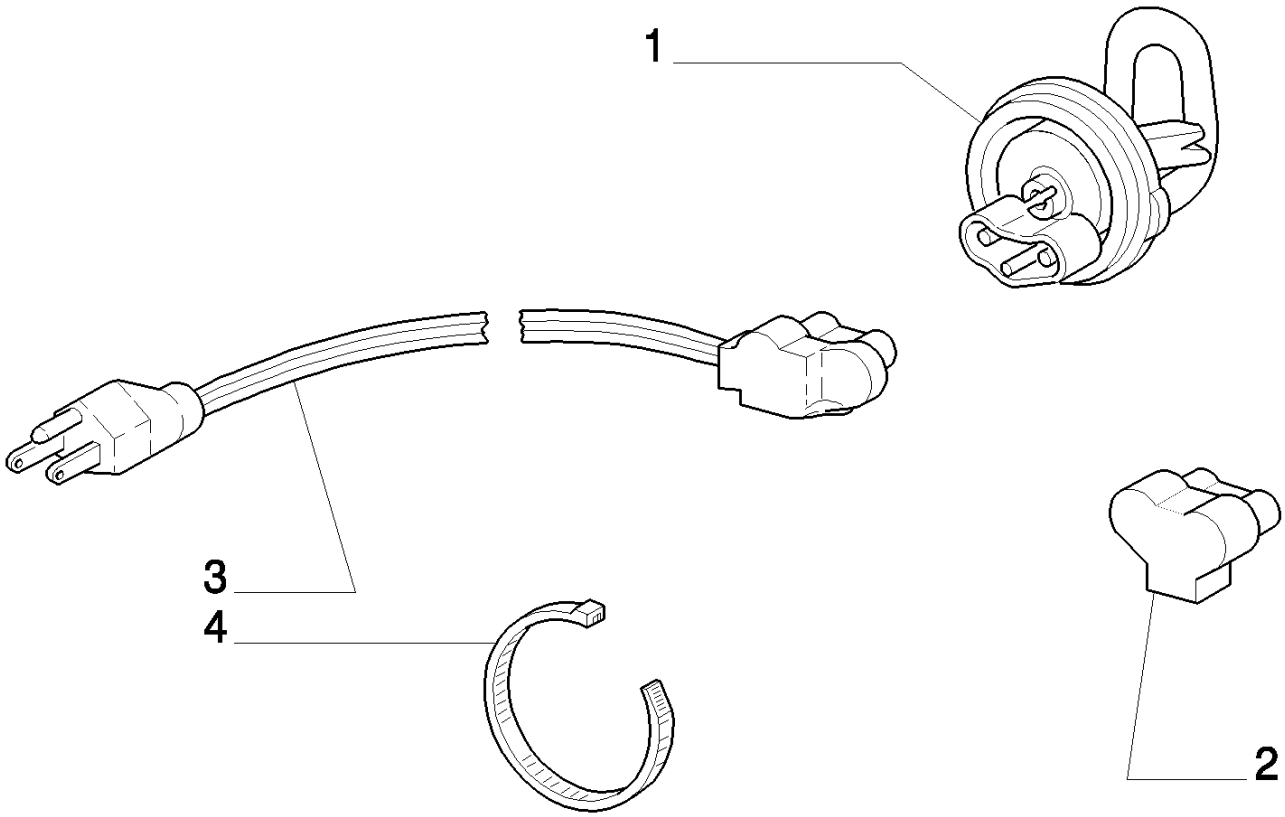


1.17.5 RADIATOR & RELATED PARTS

Ref	Part Number	Qty	Description
1	87393575	2	GASKET, TM120, TM130, TM140, TM155
1	87393579	2	GASKET, TM175, TM190
2	82033526	1	GASKET,
3	87308083	1	PLATE, 4WD, TM120, TM130, W/EQUIP. 780, 781 FRONT HPL AND FRONT P.T.O. AND EQUIP. 789 FRONT HPL LESS P.T.O. ALSO (4WD), BSN ACM262211
3	87308084	1	PLATE, 4WD, TM140, TM155, TM175, TM190, W/EQUIP. 780, 781 FRONT HPL AND FRONT P.T.O. AND EQUIP. 789 FRONT HPL LESS P.T.O. ALSO (4WD), BSN ACM262211
3	87308085	1	PLATE, 4WD, TM120, TM130, W/EQUIP.420, 452/1, 463, 463/1, 789, 4WD FRONT AXLE WITH SUSPENSION AND "TERRALOCK" - SEMI POWER SHIFT, W/EQUIP. 780, 781 FRONT HPL AND FRONT P.T.O. - W/FRONT AXLE WITH SUSPENSIONS, ALSO (4WD)
3	87308086	1	PLATE, 4WD, TM140, TM155, TM175, TM190, W/EQUIP.420, 452/1, 463, 463/1, 789, 4WD FRONT AXLE WITH SUSPENSION AND "TERRALOCK" - SEMI POWER SHIFT, W/EQUIP. 780, 781 FRONT HPL AND FRONT P.T.O. - W/FRONT AXLE WITH SUSPENSIONS, ALSO (4WD)
4	82869674	1	MOLDING, , BSN 217254
5	81816009	1	BUMPER, , BSN 217254
6	82015330	1	BUMPER, , BSN 217254
7	82026476	1	SHROUD, TM120, TM130
7	87388169	1	SHROUD, TM120, TM130, TM140, W/Mec. trans. 20x16
7	82026477	1	SHROUD, TM140, TM155
7	87387898	1	SHROUD, TM175, TM190
8	10902224	8	BOLT, Hex, M6 x 16, 8.8, Full Thd,
9	81872184	8	WASHER, M6
10	82022052	1	SEAL, TM175, TM190 (VAR.416)
11	87348718	1	PLATE, TM120, TM130, W/EQUIP. 780, 781 FRONT HPL AND FRONT P.T.O. AND EQUIP. 789 FRONT HPL LESS P.T.O. ALSO (4WD), ASN ACM262212
11	87354781	1	PLATE, TM140, TM155, TM175, TM190, W/EQUIP. 780, 781 FRONT HPL AND FRONT P.T.O. AND EQUIP. 789 FRONT HPL LESS P.T.O. ALSO (4WD), ASN ACM262212

1.17.8 (VAR.206) ENGINE COOLANT HEATER

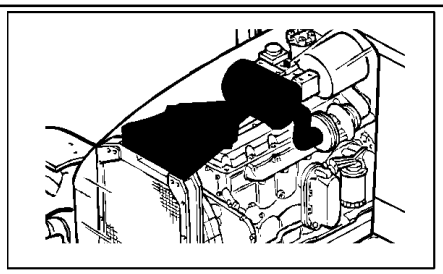


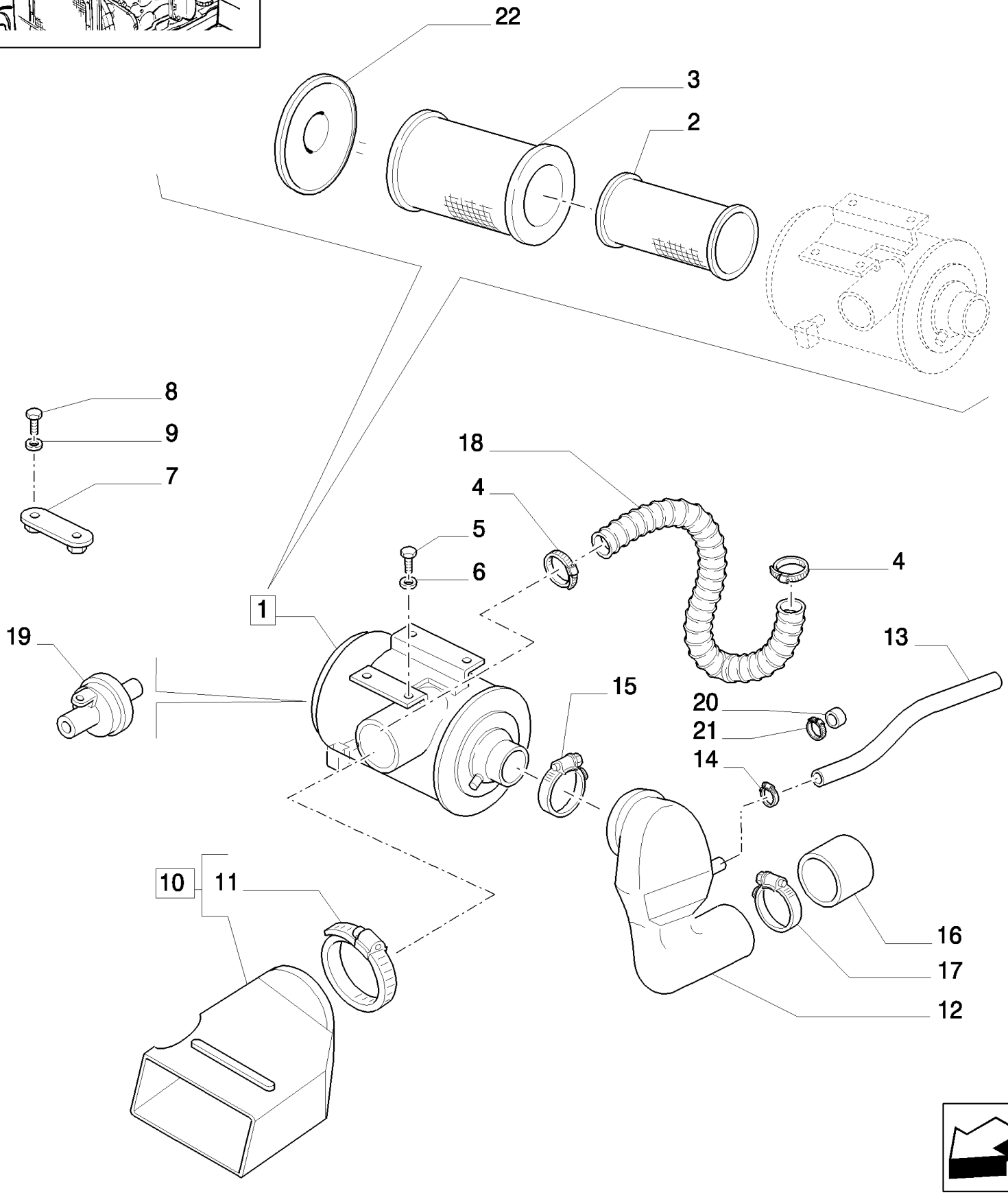


1.17.8 (VAR.206) ENGINE COOLANT HEATER

Ref	Part Number	Qty	Description
1	82019779	1	HEATER,
2	9700811	1	PLUG,
3	E5NN8N048AA	1	HARNESS, WIRE,
4	263117	1	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L

1.19.1/01 DRY AIR FILTER-PIPES



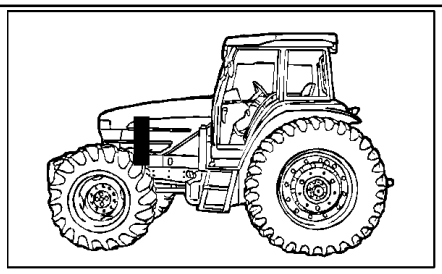


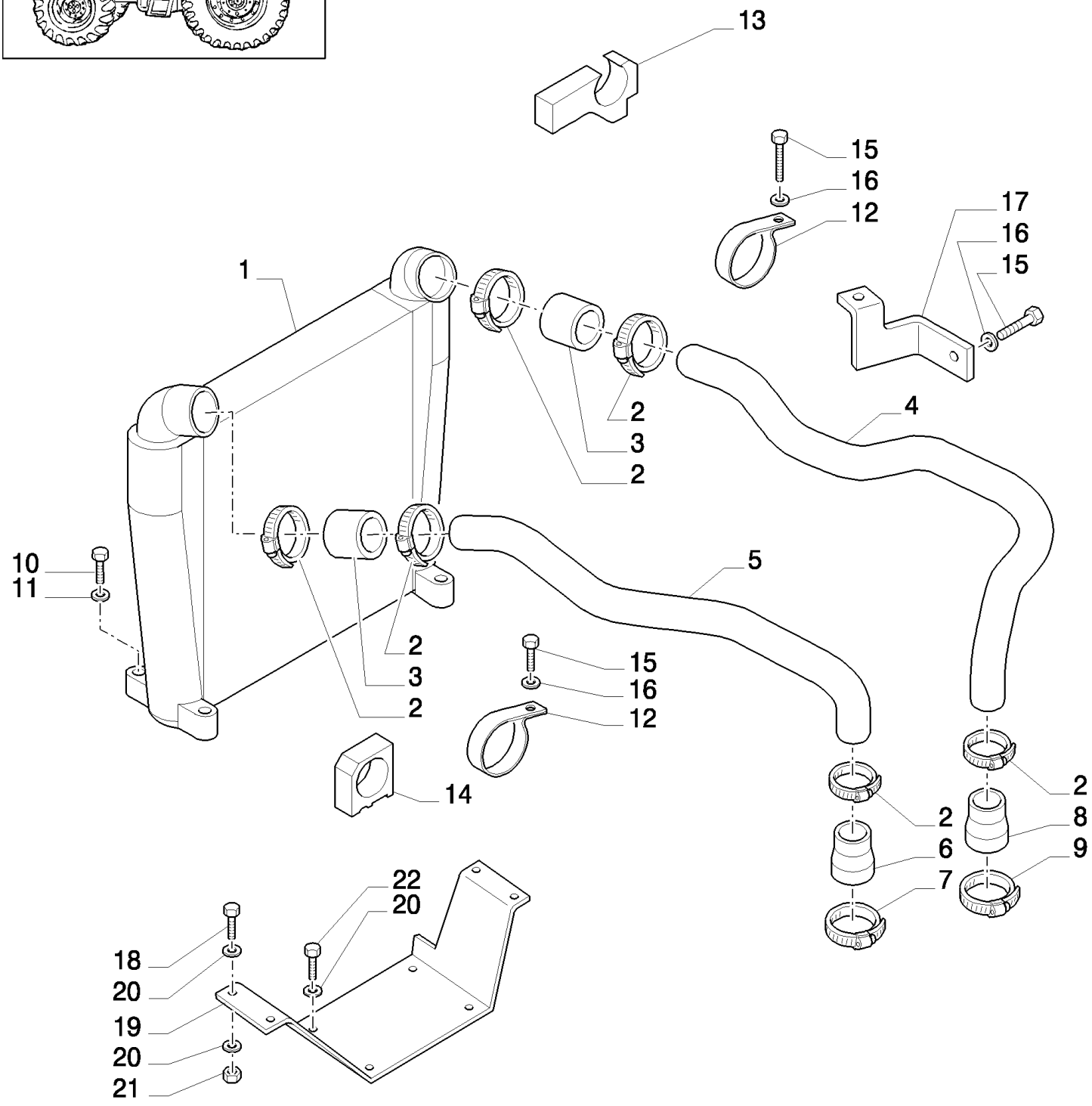
TM190 TRACTOR (6/02-) - Engine Equipment

1.19.1/01 DRY AIR FILTER-PIPES

Ref	Part Number	Qty	Description
1	82017424	1	AIR CLEANER,
2	82027574	1	FILTER, AIR, Inner
3	82027573	1	FILTER, AIR, Outer
4	82036709	2	CLAMP, HOSE,
5	11106021	4	BOLT, Hex, M10 x 20, 8.8, Full Thd,
6	14496621	4	WASHER, M10 x 21 x 2,
7	82029570	1	DUCT,
8	16043624	2	BOLT, Hex, M8 x 25, 8.8, Full Thd,
9	14496504	2	WASHER, M8 x 17 x 1.6,
10	82033234	1	DUCT, AIR,
11	82023023	1	CLAMP,
12	82030111	1	DUCT,
13	82024810	1	HOSE, FLEXIBLE,
14	82039345	1	CLAMP, HOSE,
15	82012734	1	CLAMP, HOSE,
16	82036795	1	HOSE,
17	82012732	2	CLIP, HOSE,
18	82039548	1	HOSE, FLEXIBLE,
19	82003527	1	SWITCH,
20	82023635	1	PLUG,
21	13387470	1	CLAMP, HOSE,
22	87301703	1	CAP, Includes clips

1.19.6/01 HEAT EXCHANGER - AIR-AIR



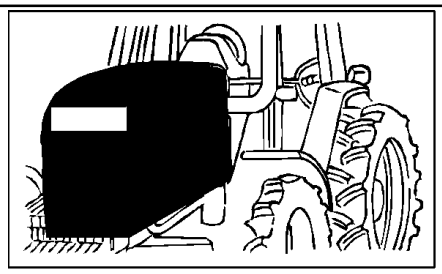


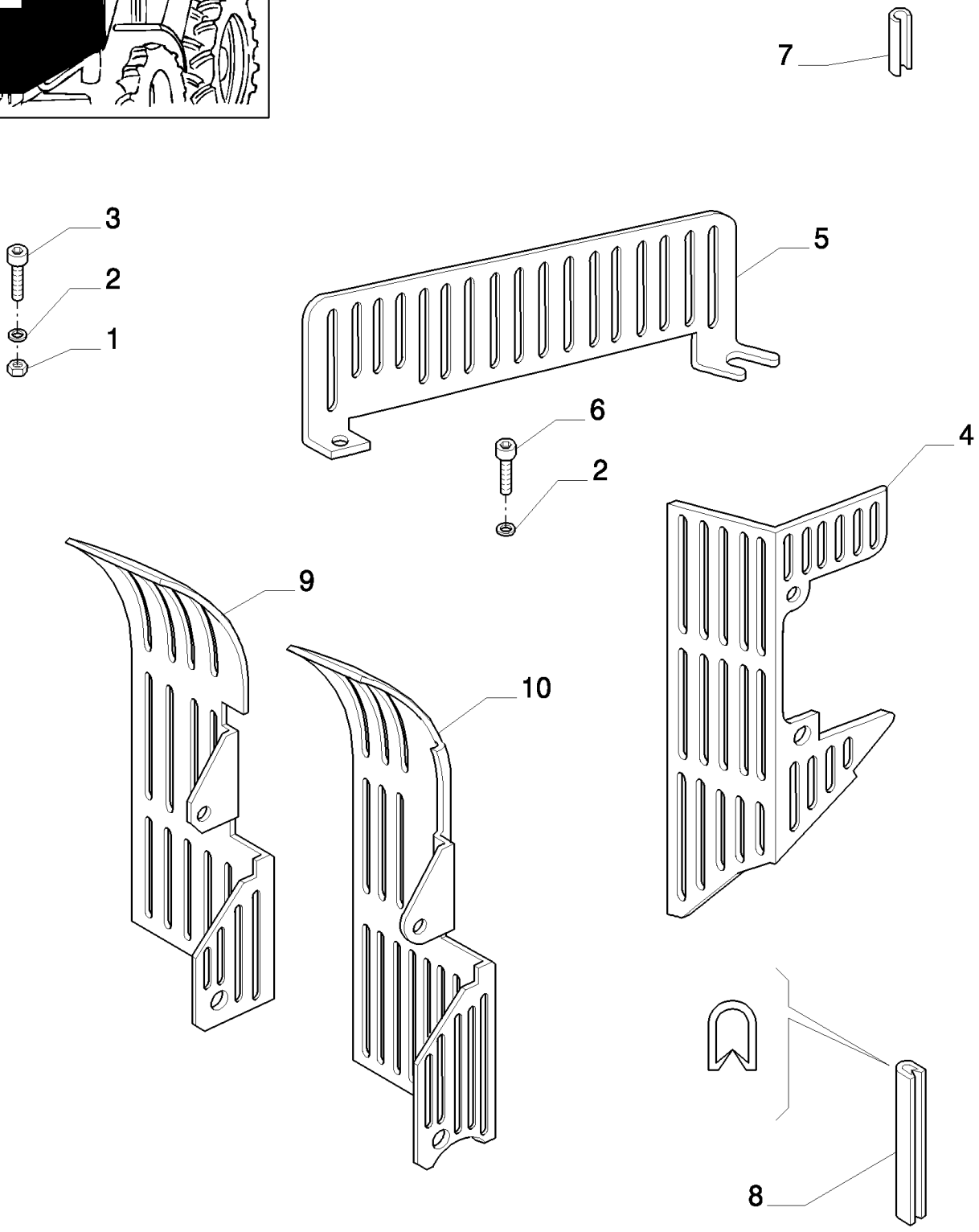
TM190 TRACTOR (6/02-) - Engine Equipment

1.19.6/01 HEAT EXCHANGER - AIR-AIR

Ref	Part Number	Qty	Description
1	82028451	1	SUPPORT,
2	82036353	6	CLAMP, HOSE, D=60/80MM
3	87539189	2	HOSE, FLEXIBLE,
4	82027281	1	TUBE, From cooler to intake manifold
5	82027288	1	TUBE, From cooler to turbo
6	82023401	1	HOSE, FLEXIBLE,
7	82036351	1	CLAMP, HOSE, D=50/70MM
8	82039386	1	HOSE,
9	82036354	1	CLAMP, HOSE, D=70/90MM
10	120112	4	BOLT, Hex, M10 x 40, 8.8, Full Thd,
11	85700654	4	WASHER, 10 x 20 x 2.5
12	82035626	2	CLIP, SPRING,
13	82033550	1	GASKET,
14	82027499	1	GASKET,
15	16043424	3	SCREW, Hex, M8 x 20, 8.8, Full Thd,
16	14496504	3	WASHER, M8 x 17 x 1.6,
17	82026751	1	BRACKET,
18	11107311	4	BOLT, Hex, M10 x 55, 5.8, , W/SUPER STEER FRONT AXLE VAR.416
19	82031067	1	BRACKET, , W/SUPER STEER FRONT AXLE VAR.416
20	14496621	12	WASHER, M10 x 21 x 2, , W/SUPER STEER FRONT AXLE VAR.416
21	100016	4	NUT, M10, Cl 8, , W/SUPER STEER FRONT AXLE VAR.416
22	11106221	4	BOLT, Hex, M10 x 25, 8.8, Full Thd, , W/SUPER STEER FRONT AXLE VAR.416

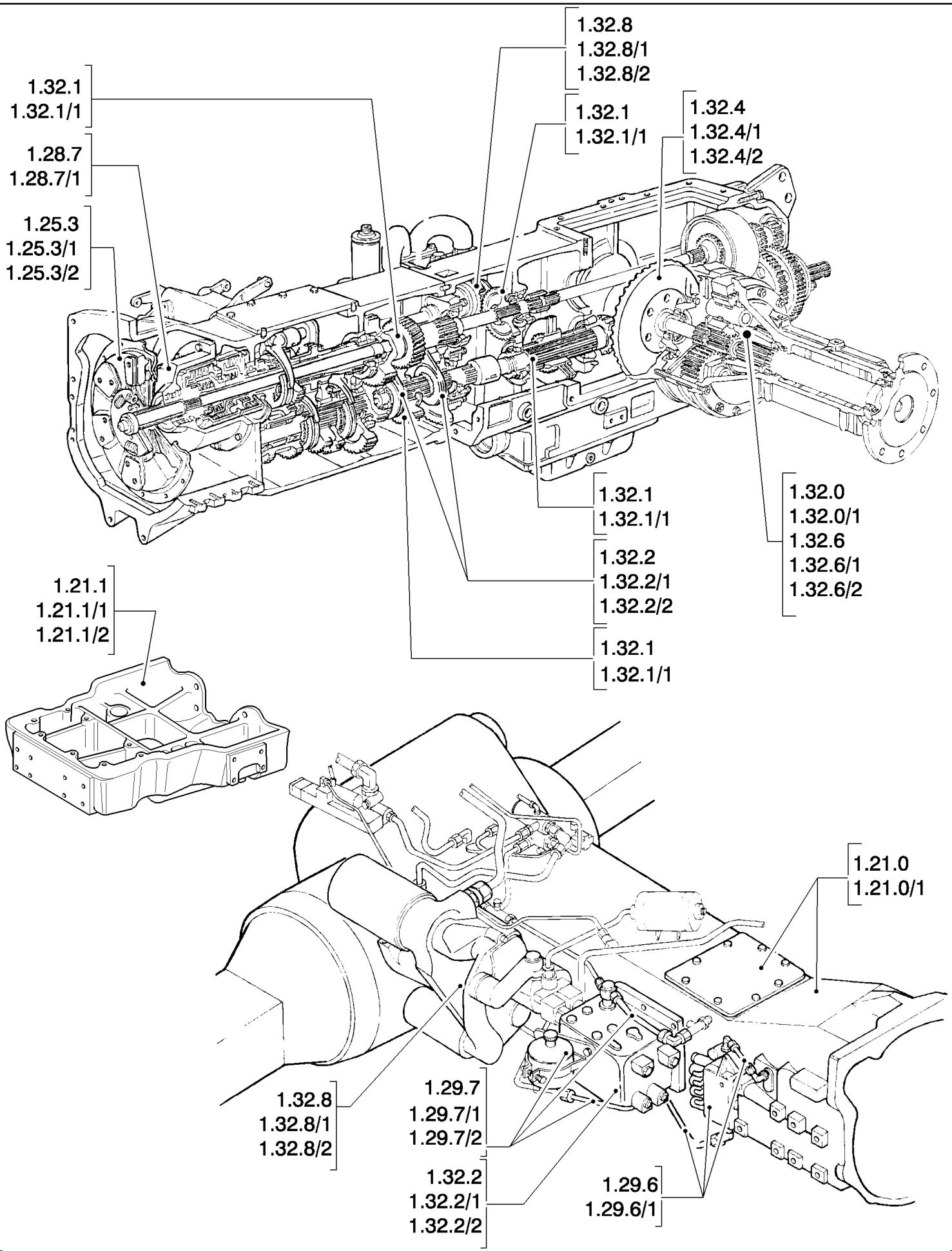
1.19.9/01 ENGINE GUARD





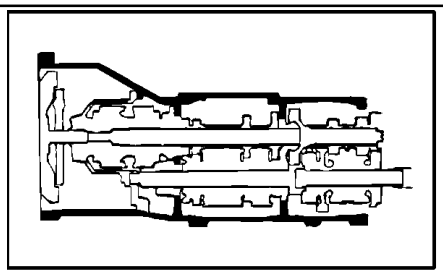
1.19.9/01 ENGINE GUARD

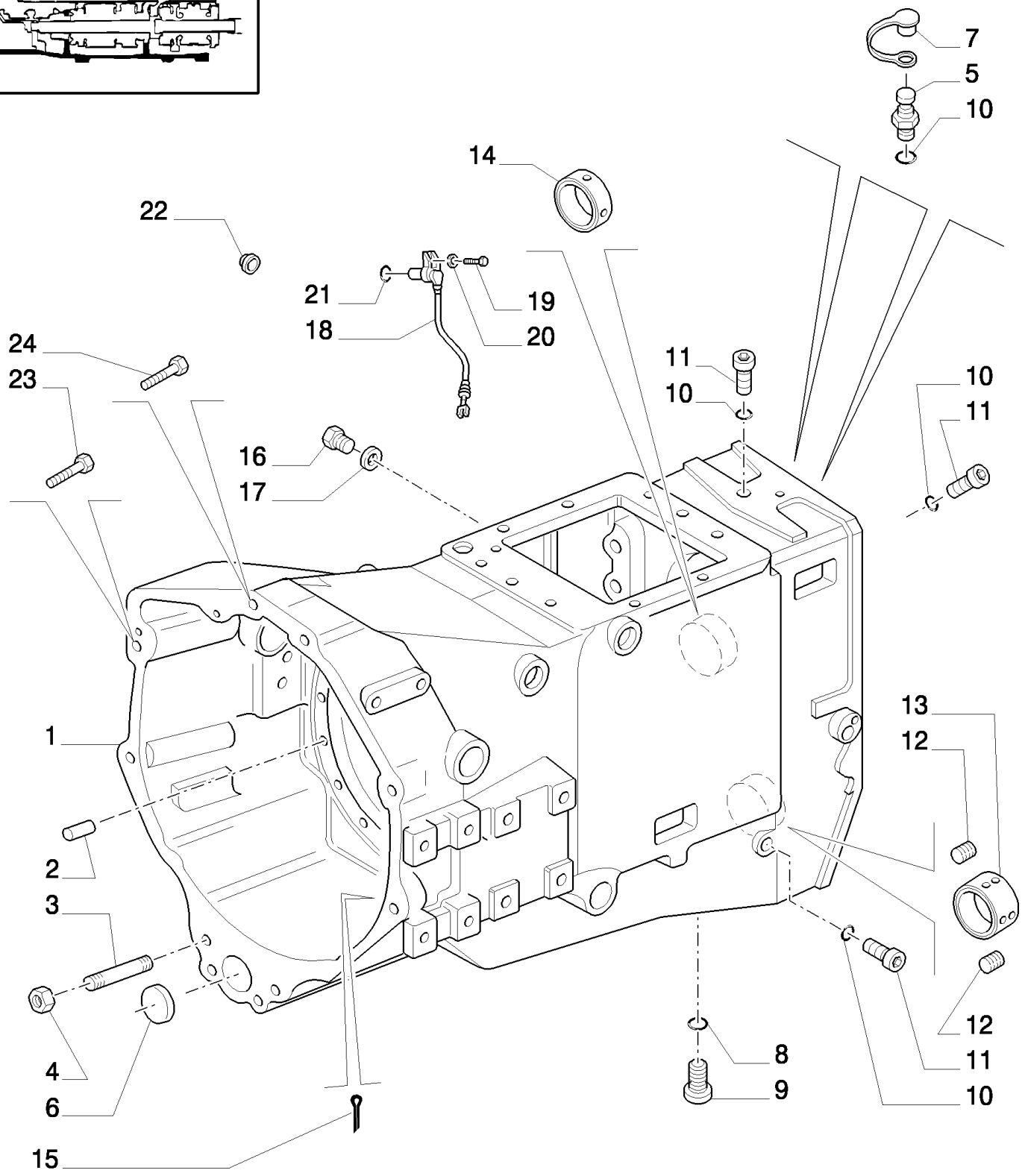
Ref	Part Number	Qty	Description
1	11701721	2	NUT, M10, Cl 10,
2	14496621	3	WASHER, M10 x 21 x 2,
3	81869630	2	SCREW, Hex Soc Hd, M10 x 35, 8.8,
4	87306474	1	GUARD,
5	82031928	1	SHIELD, M10X20
6	280643	1	BOLT, Hex, 3/8"-16 x 7/8", G5, Full Thd,
7	82015330	2	BUMPER,
8	83964601	1	MOLDING,
9	82010044	1	GUARD, , BSN ACM270563
10	87382751	1	GUARD, , ASN ACM270564


1.32.8
1.32.8/1
1.32.8/2
1.32.1
1.32.1/1
1.32.4
1.32.4/1
1.32.4/2
1.32.1
1.32.1/1
1.28.7
1.28.7/1
1.25.3
1.25.3/1
1.25.3/2
1.32.1
1.32.1/1
1.32.0
1.32.0/1
1.32.6
1.32.6/1
1.32.6/2
1.32.2
1.32.2/1
1.32.2/2
1.21.1
1.21.1/1
1.21.1/2
1.32.1
1.32.1/1
1.21.0
1.21.0/1
1.32.8
1.32.8/1
1.32.8/2
1.29.7
1.29.7/1
1.29.7/2
1.32.2
1.32.2/1
1.32.2/2
1.29.6
1.29.6/1

Ref	Part Number	Qty	Description

1.21.0/01(01) HOUSING , GEARS



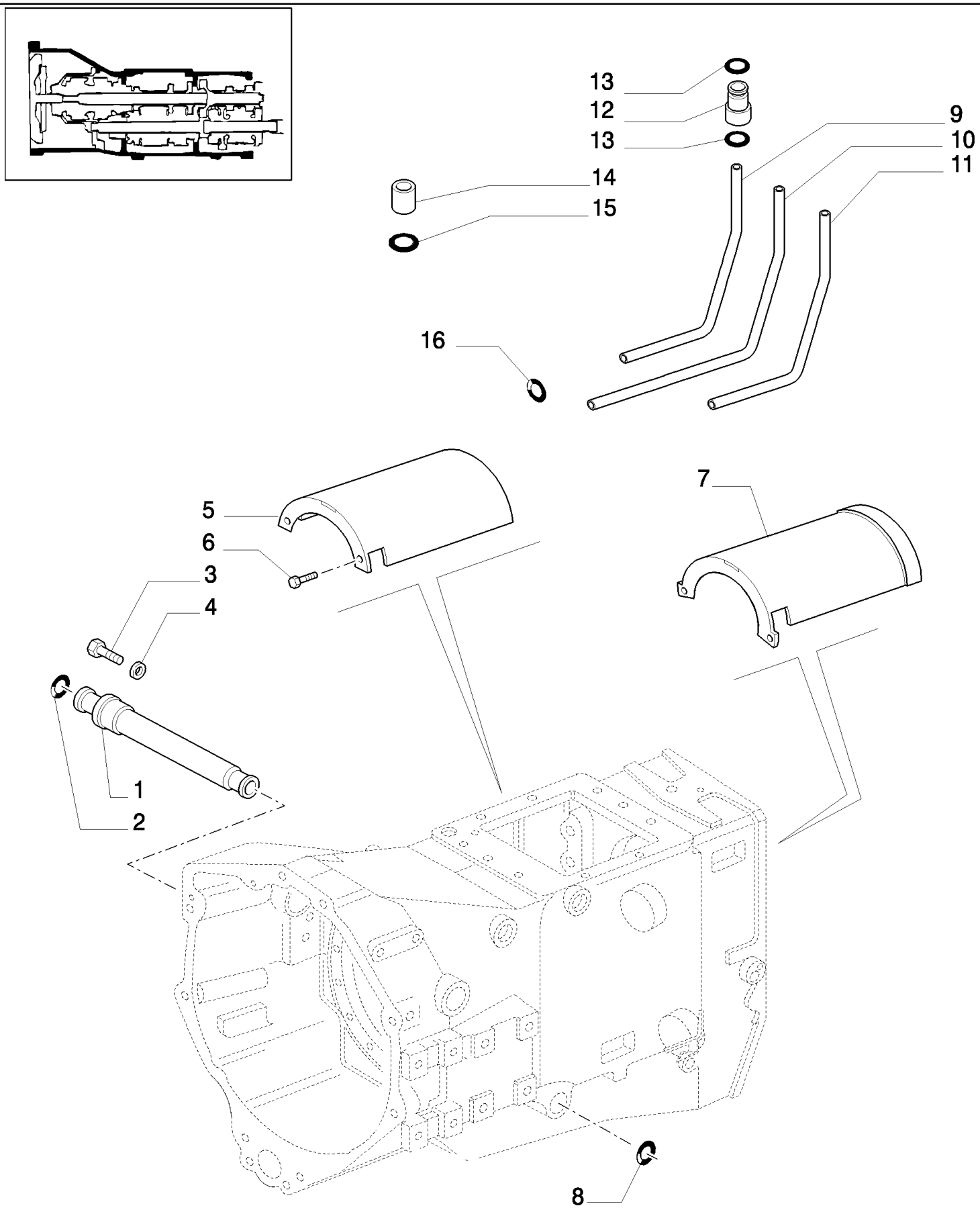


TM190 TRACTOR (6/02-) - Transmission

1.21.0/01(01) HOUSING , GEARS

Ref	Part Number	Qty	Description
1	47124585	1	TRANSMISSION HOUSING,
2	10839710	2	DOWEL, 10X15
3	5185876	2	SCREW,
4	280954	2	NUT, 3/4"-10, G5,
5	5185423	4	COUPLING,
6	5139075	1	PLUG,
7	5185424	4	PLUG,
8	14438285	1	O-RING, 29.5MM ID x 3.0 Thk,
9	5187246	1	PLUG, M33X2
10	14437785	7	O-RING, 11.3MM ID x 2.4 Thk,
11	10118711	3	PLUG, M14 x 1.5 x 12, Cl5.8,
12	10275501	5	PLUG, M12 x 1.25
13	5189017	1	BUSHING, 90,020/90,050 x 100,050/100,065 x 52,5
14	5189018	1	BUSHING, 90,020/90,050/100,065 x 52,5
15	10798201	1	PIN, SPLIT (COTTER), M6.3 x 32,
16	10119311	1	PLUG, M16 x 1.5 x 12, Cl5.8,
17	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,
18	82028157	3	SENSOR, Speed, Hall Effect, High Sens
19	14305221	3	SCREW, Hex Soc Hd, M6 x 16, 8.8,
20	10615476	3	WASHER, LOCK, Ext Tooth, M6,
21	47136259	3	O-RING, 3x17,2
21	5135738	3	O-RING, -115, Cl 9, .674" ID x .103" Thk,
22	82035752	4	PLUG,
22	82037172	8	PLUG,
23	15981834	4	BOLT, Hex, M16 x 1.5 x 120, 10.9,
24	82895513	2	BOLT, 3/4" - 16x3.25

1.21.0/01(02) HOUSING , GEARS

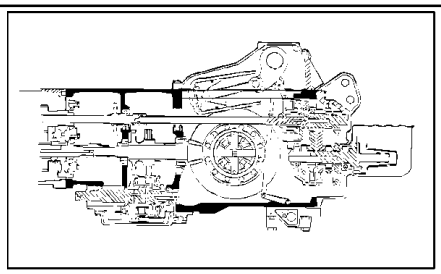


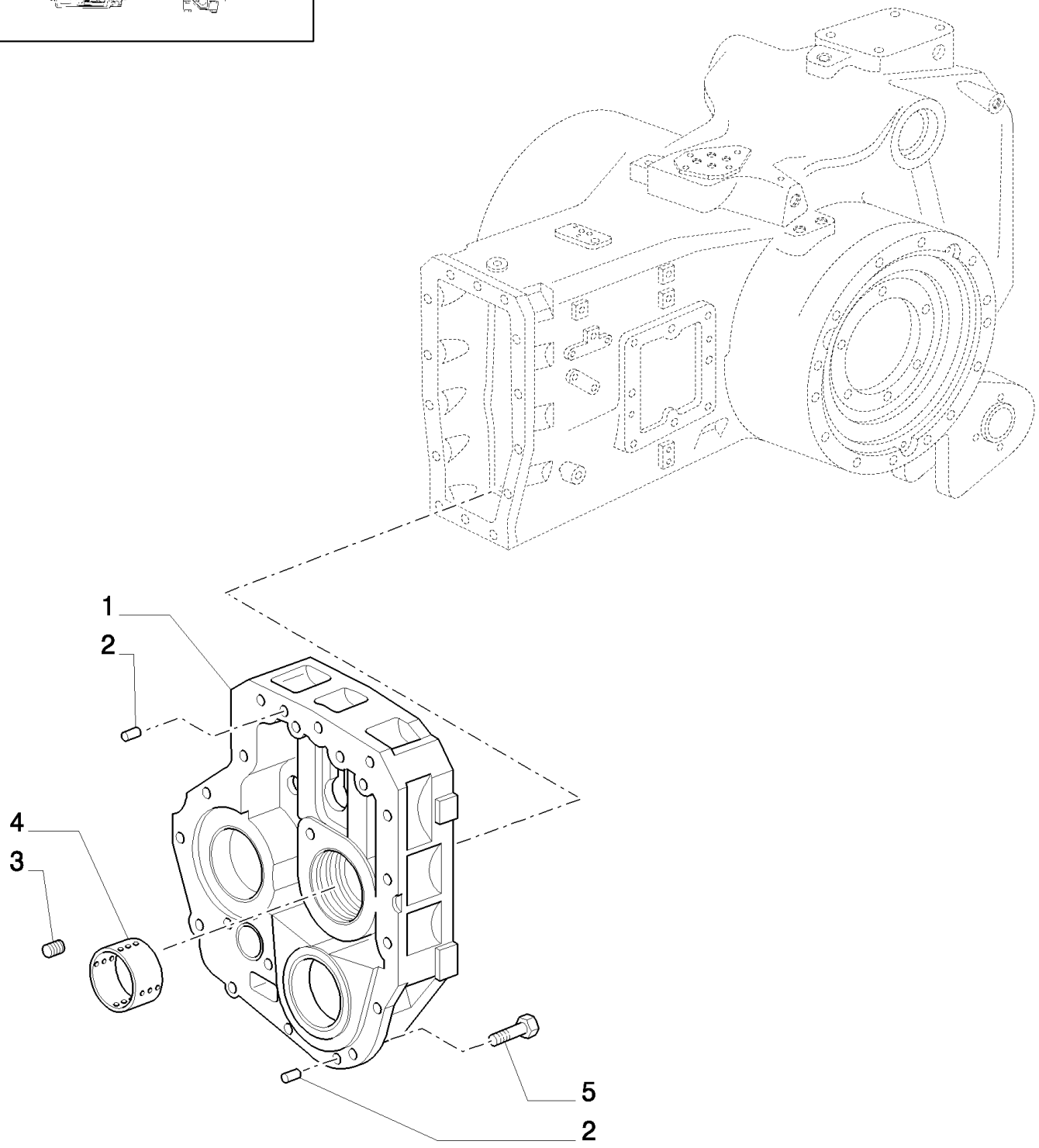
TM190 TRACTOR (6/02-) - Transmission

1.21.0/01(02) HOUSING , GEARS

Ref	Part Number	Qty	Description
1	5172331	1	TUBE,
2	14464681	1	O-RING, -228, Cl 7, 2.234" ID x .139" Thk,
3	16043324	1	BOLT, Hex, M8 x 18, 8.8, Full Thd,
4	12646204	1	WASHER, M8 x 35 x 3,
5	5199512	1	GUARD,
6	14306524	4	SCREW, Hex Soc Hd, M8 x 30, 8.8,
7	5199515	1	GUARD,
8	14464580	1	O-RING, -227, 70 Duro, 2.109" ID x .139" Thk,
9	5186835	1	TUBE,
10	5186834	1	TUBE,
11	5186836	1	TUBE,
12	5198658	3	BUSHING,
13	5103230	6	O-RING,
14	5178778	6	BUSHING,
15	14457281	6	O-RING, -114, Cl 7, .612" ID x .103" Thk,
16	14457081	7	O-RING, -112, Cl 7, .487" ID x .103" Thk,

1.21.0/01(03) HOUSING , GEARS



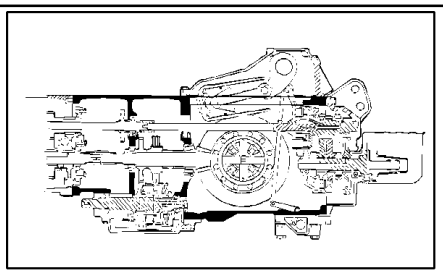


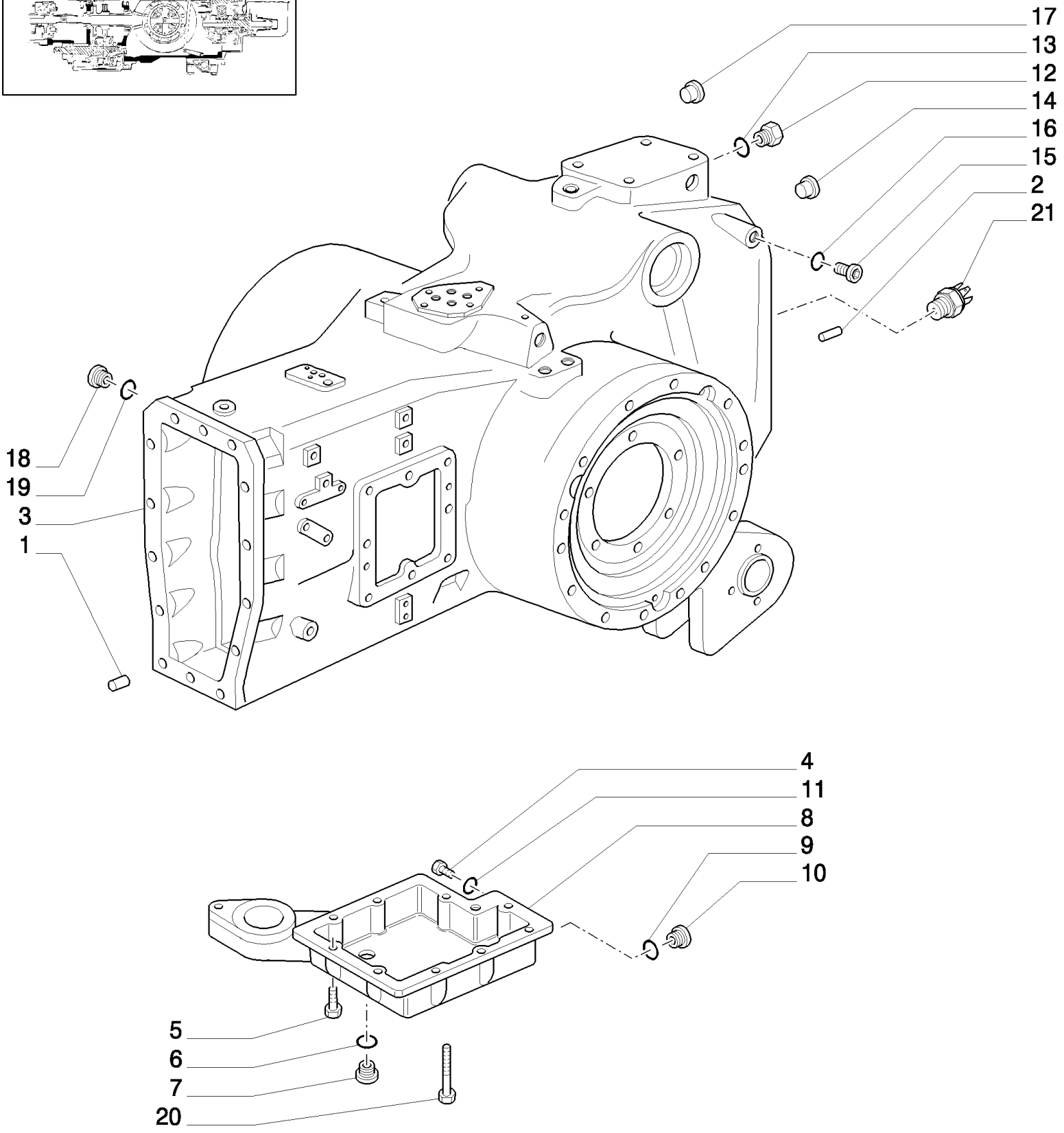
TM190 TRACTOR (6/02-) - Transmission

1.21.0/01(03) HOUSING , GEARS

Ref	Part Number	Qty	Description
1	5198032	1	SPACER,
2	4985062	2	DOWEL, D=15 x 25
3	10275501	1	PLUG, M12 x 1.25
4	5189018	1	BUSHING, 90,020/90,050X100,050/100,065X52,5
5	11422030	14	BOLT, Hex, M14 x 1.5 x 55, 10.9,

1.21.0/01(04) HOUSING , GEARS





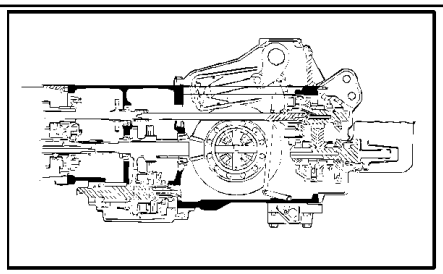
TM190 TRACTOR (6/02-) - Transmission

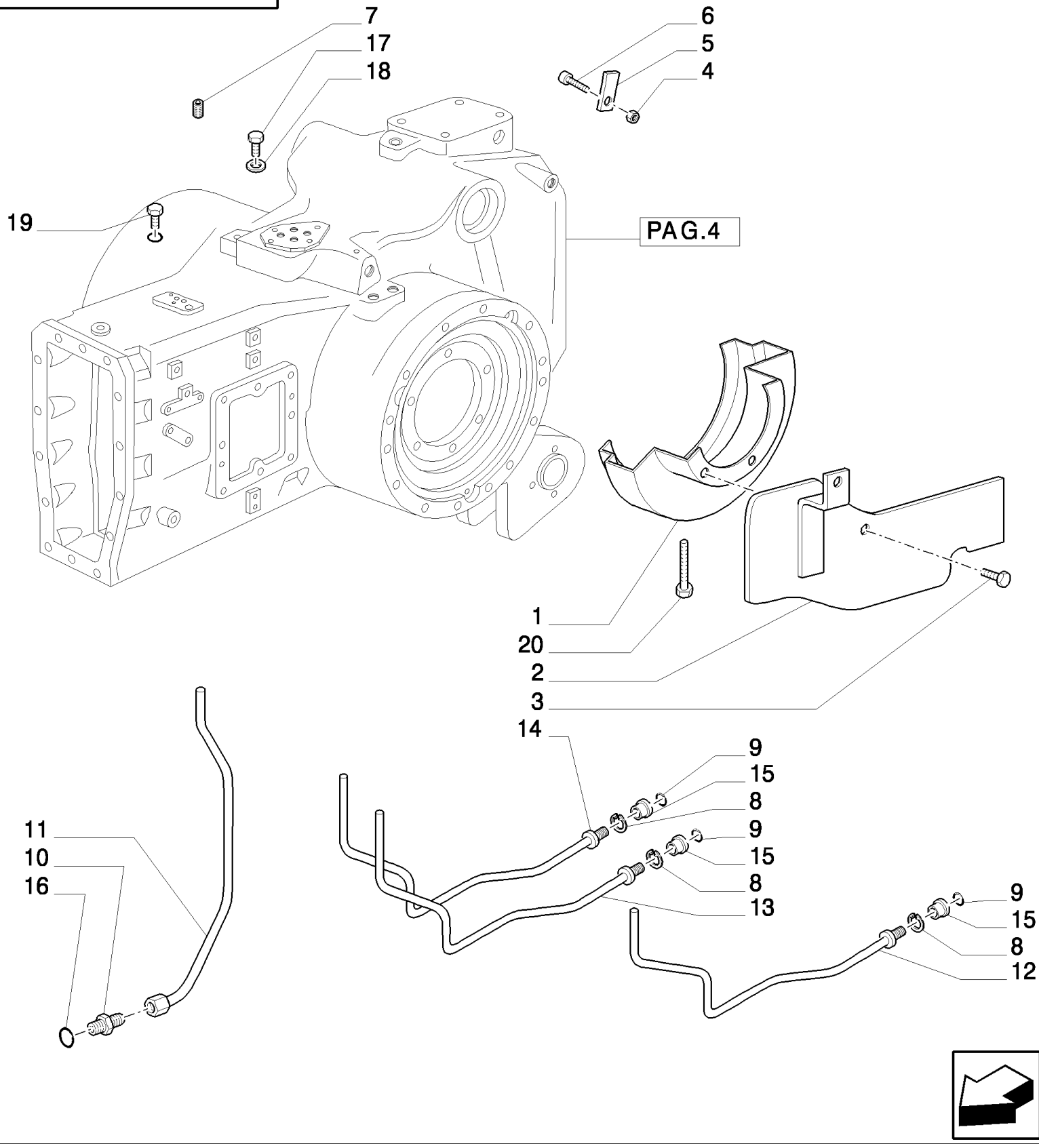
1.21.0/01(04) HOUSING , GEARS

Ref	Part Number	Qty	Description
1	4985062	4	DOWEL,
2	5110200	6	DOWEL,
3	47134583	1	HOUSING, , -C5021
3	47136149	1	HOUSING, , D5021-
4	10119414	1	PLUG, M18 x 1.5 x 16,
5	11306924	4	BOLT, Hex, M10 x 1.25 x 30, 8.8, Full Thd,
6	14438285	2	O-RING, 29.5MM ID x 3.0 Thk,
7	10119511	2	PLUG, M33 x 2 x 16, Cl5.8,
8	47123296	1	COVER,
9	89626929	1	O-RING, 90 Duro, 1.048" ID x .116" Thk
10	5185747	1	PLUG,
11	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
12	83957506	1	PLUG, 3/4"-14 (B)
13	167266	1	O-RING, 12-1, 90 Duro, .924 ID x .116" Thk,
14	4998275	1	PLUG,
15	10119414	1	PLUG, M18 x 1.5 x 16,
16	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
17	5111228	1	PLUG,
18	10118811	1	PLUG, M22 x 1.5 x 14, Cl5.8,
19	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
20	15971424	5	BOLT, Hex, M10 x 1.25 x 80, 8.8,
21	5163540	1	SWITCH, PRESSURE,

D5021 After Date 20/04/04, see also Sgr. 1.32.0/01, 1.32.5, 1.80.7/07

1.21.0/01(05) HOUSING , GEARS



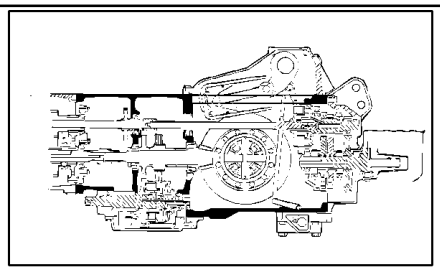


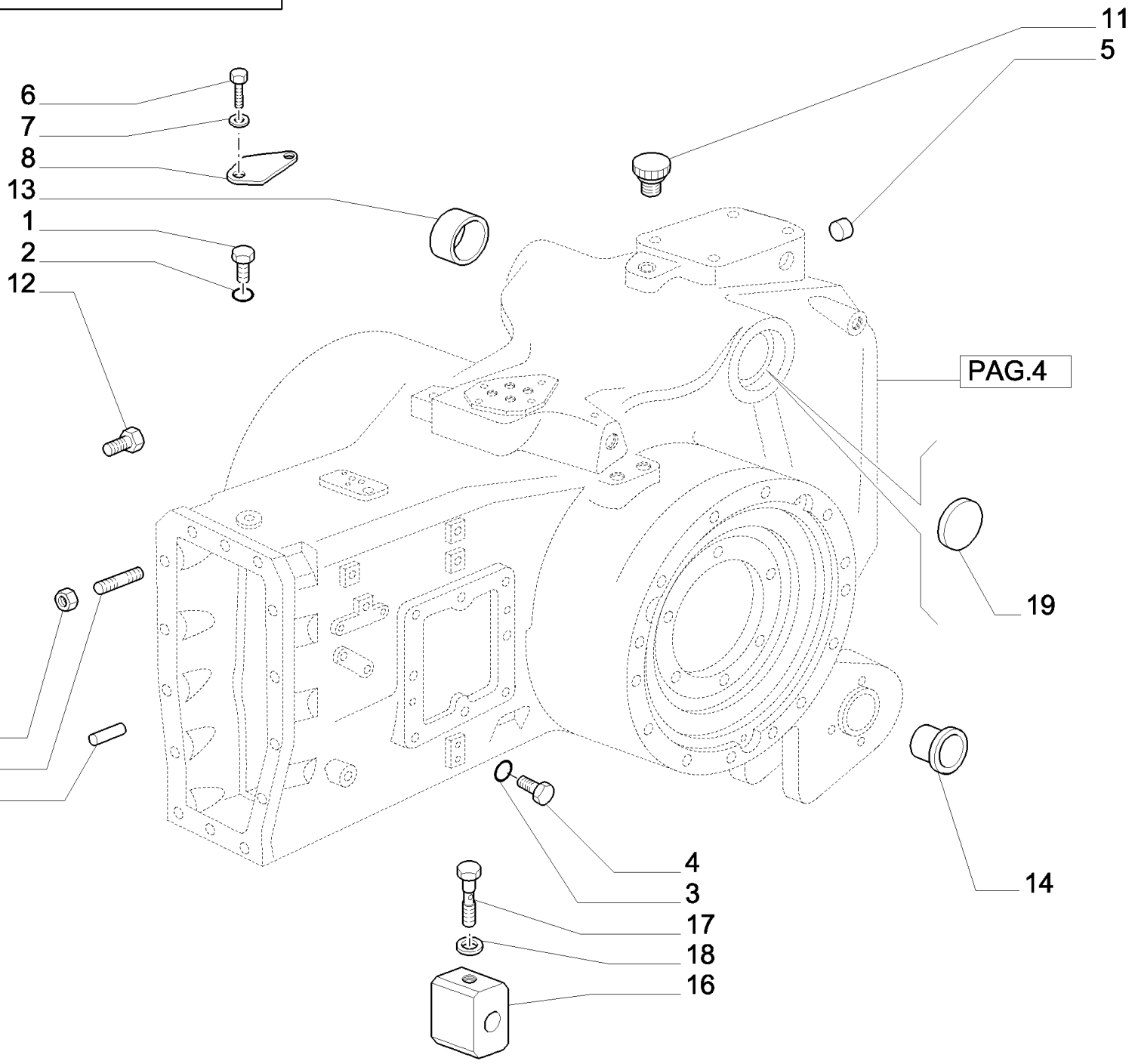
TM190 TRACTOR (6/02-) - Transmission

1.21.0/01(05) HOUSING , GEARS

Ref	Part Number	Qty	Description
1	5198538	1	SHIELD,
2	5196121	1	GUARD,
3	16043124	2	BOLT, Hex, M8 x 14, 8.8, Full Thd,
4	16100821	2	NUT, M8, Cl 10,
5	14198700	2	PLATE, LOCKING,
6	14306524	2	SCREW, Hex Soc Hd, M8 x 30, 8.8,
7	10839710	2	DOWEL,
8	11066476	3	RING, SNAP, M16, Ext,
9	14453181	3	O-RING, -014, Cl 7, .489" ID x .070" Thk,
10	5154713	1	CONNECTOR, HYD.,
11	5198507	1	TUBE, P.D.M(4WD)
12	47126684	1	TUBE, LUBRIF. PTO CLUTCH
13	5195176	1	TUBE, BRAKE PTO
14	5195175	1	TUBE, SUPPLY PTO CLUTCH
15	5186628	3	BUSHING,
16	14437885	2	O-RING, 13.3MM ID x 2.4 Thk,
17	10300511	2	PLUG, M12 x 1.5 x 12, Cl5.8,
18	2854292	2	GASKET,
19	10119311	1	PLUG, M16 x 1.5 x 12, Cl5.8,
20	11422030	3	BOLT, Hex, M14 x 1.5 x 55, 10.9,

1.21.0/01(06) HOUSING , GEARS



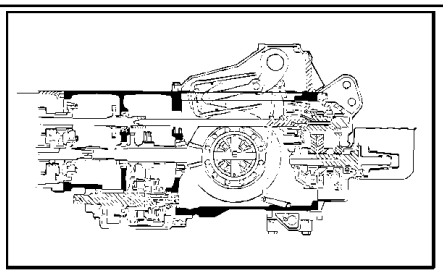


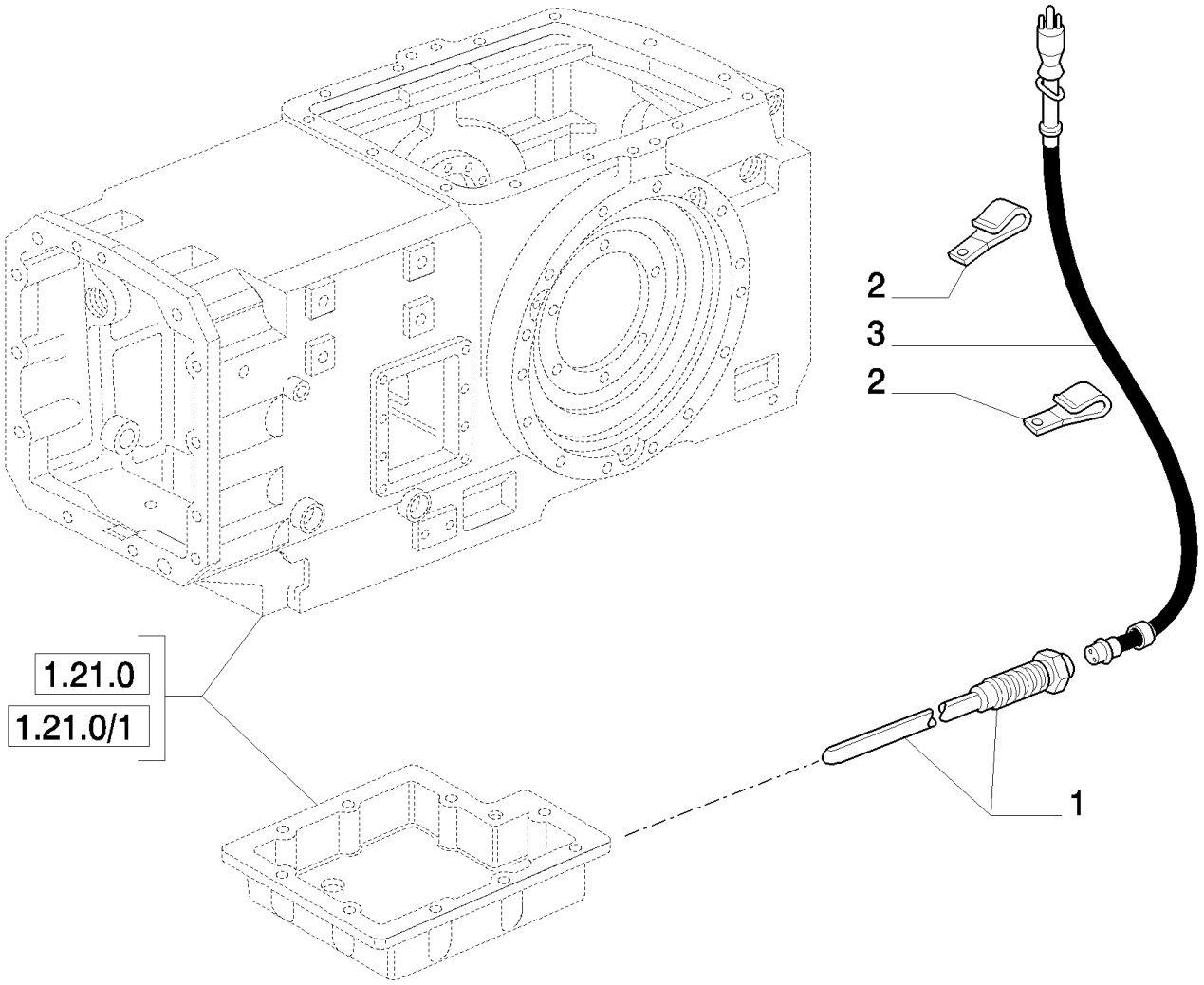
TM190 TRACTOR (6/02-) - Transmission

1.21.0/01(06) HOUSING , GEARS

Ref	Part Number	Qty	Description
1	10300811	1	PLUG, M18 x 1.5 x 14, Cl5.8,
2	10259960	1	WASHER, SEALING, M18.3 x 24 x 1.5,
3	11903114	1	PLUG, M10 x 1.25 x 11,
4	4858606	1	GASKET,
5	14328701	2	PLUG, M20, Tapered,
6	16043324	2	BOLT, Hex, M8 x 18, 8.8, Full Thd,
7	11193874	2	WASHER, SPRING, Belleville, M8.4,
8	5196068	1	PLATE,
9	11797521	1	STUD, M14X20
10	12164021	1	NUT, M14 x 1.5, Cl 10,
11	9636958	1	BREATHER,
12	15981031	10	BOLT, Hex, M16 x 1.5 x 55, 10.9,
13	5185956	4	BUSHING,
14	5194813	4	BUSHING,
15	5187995	6	PIN, GUIDE, 15X65
16	5198570	1	BLOCK, (4WD)
17	5198569	1	BOLT, BANJO, (4WD)
18	5183780	3	WASHER, SEALING, (4WD)
19	5191505	2	PLUG, , W/EQUIP.819, L/HYDRAULIC LIFT

1.21.0/02 (VAR.181/1) TRANSMISSION OIL HEATER

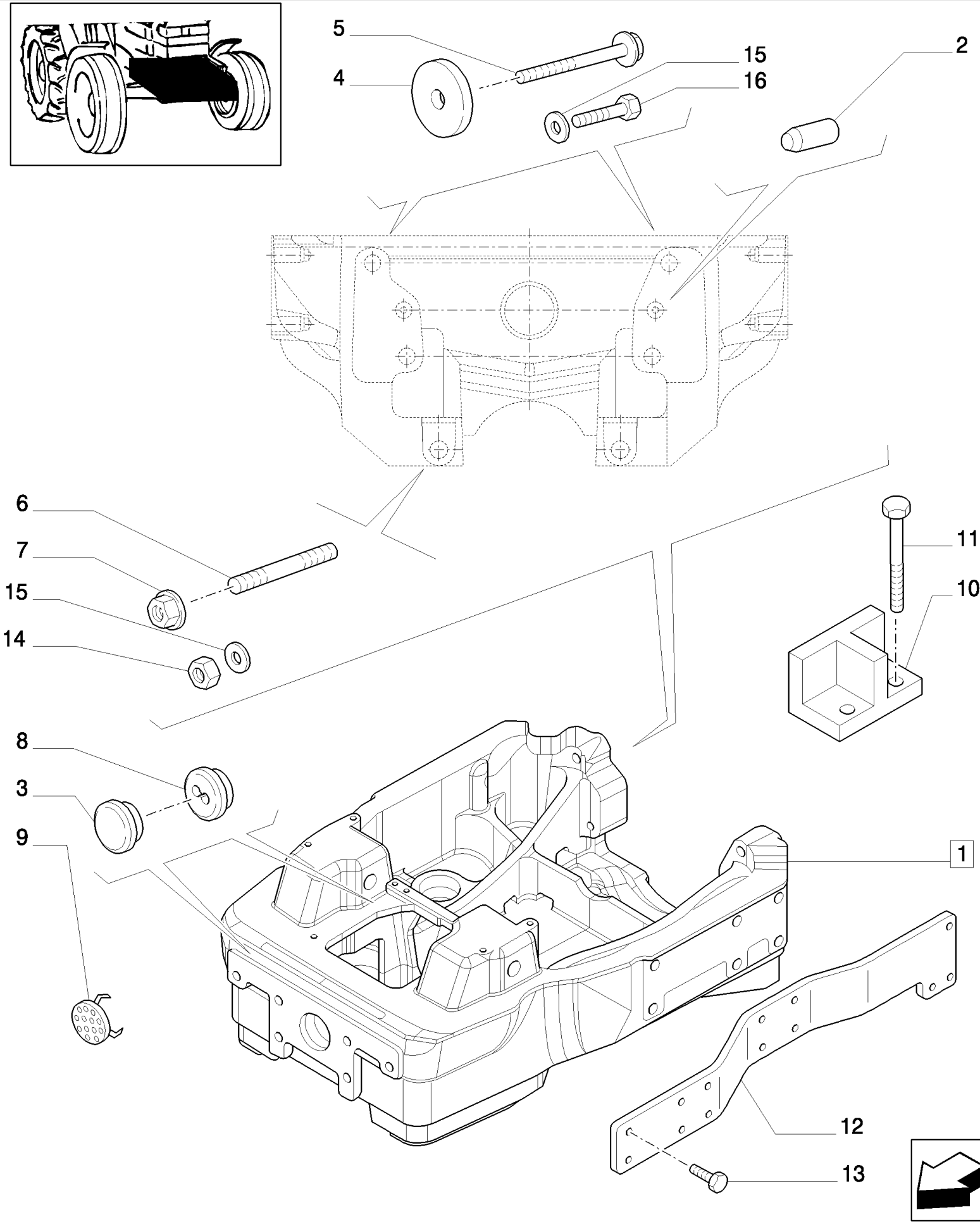




1.21.0/02 (VAR.181/1) TRANSMISSION OIL HEATER

Ref	Part Number	Qty	Description
1	9846500	1	HEATER,
2	85700737	2	CLIP,
3	82015238	1	CABLE, ELECTRIC,

1.21.1/01 SUPPORT FOR 2WD FRONT AXLE

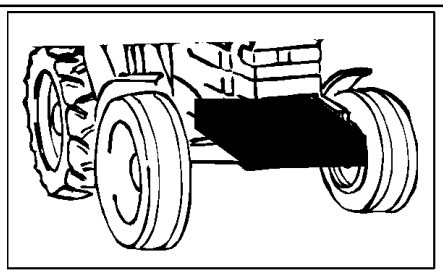


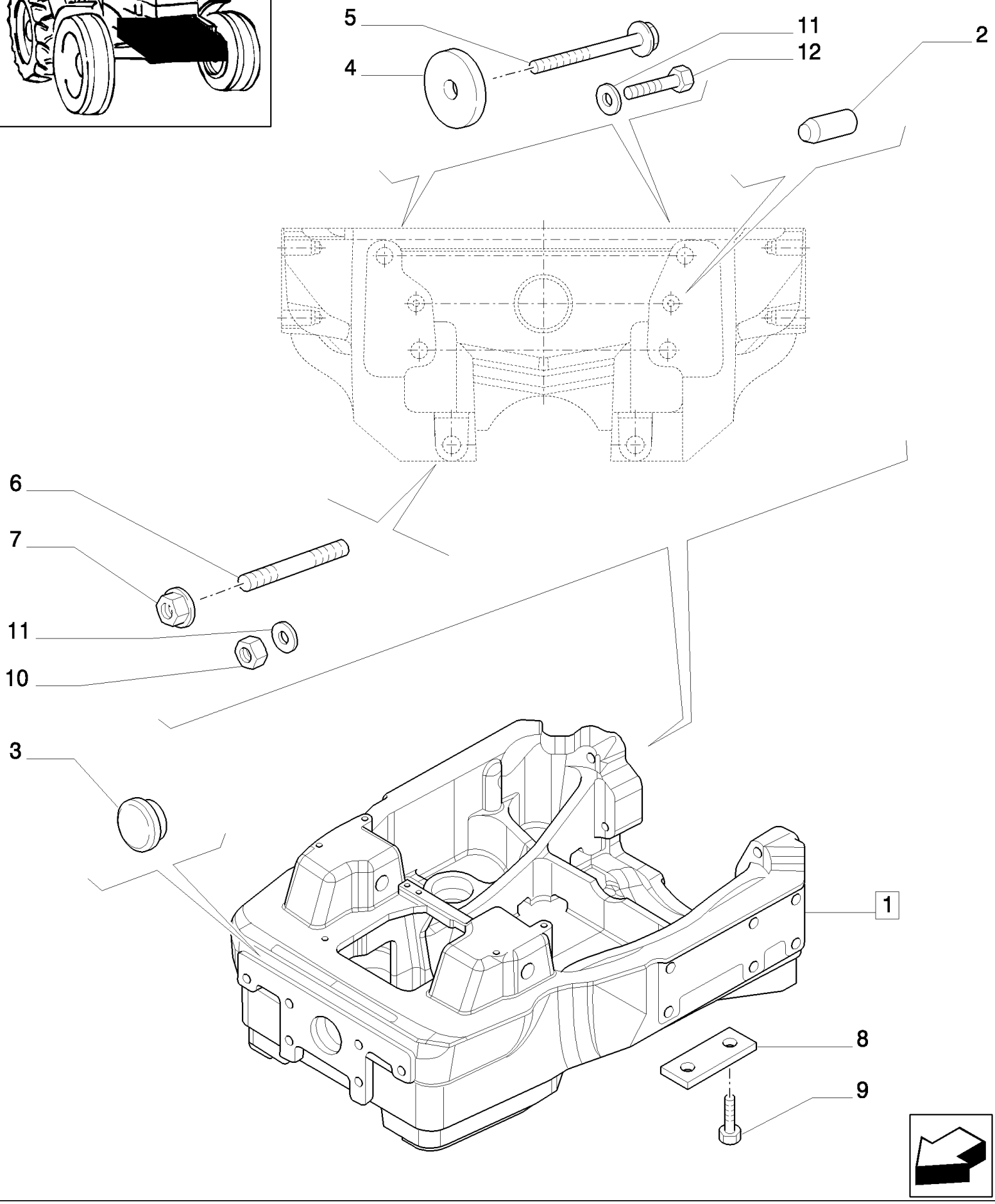
TM190 TRACTOR (6/02-) - Transmission

1.21.1/01 SUPPORT FOR 2WD FRONT AXLE

Ref	Part Number	Qty	Description
1	82024233	1	SUPPORT,
2	82019765	2	PIN, 20X50
3	82023395	2	PLUG,
4	82026240	AR	SHIM, 4.5mm Thk (Yellow),
4	82026248	AR	SHIM, 6.9mm Thk (Gold),
4	82026249	AR	SHIM, 7.2mm Thk (Lime),
4	82026250	AR	SHIM, 7.5mm Thk (Orange),
4	82026251	AR	SHIM, 7.8mm Thk (Blue/Gray),
4	82026247	AR	SHIM, 6.6mm Thk (Light Blue),
4	82026246	AR	SHIM, 6.3mm Thk (Pink),
4	82026245	AR	SHIM, 6.0mm Thk (Black),
4	82026241	AR	SHIM, 4.8mm Thk (Green),
4	82026242	AR	SHIM, 5.1mm Thk (Red),
4	82026243	AR	SHIM, 5.4mm Thk (Blue),
4	82026244	AR	SHIM, 5.7mm Thk (White),
5	82019767	4	SCREW, Self-Locking, M20 x 1.5 x 90
6	87301870	2	STUD,
7	82023393	2	NUT, M20X1,5
8	82031849	1	PLUG,
9	87312875	1	GRILLE,
10	82028185	2	BRACKET,
11	14422034	4	SCREW, Hex Soc Hd, M12 x 30, 10.9,
12	82036332	1	RAIL, SIDE, LH
12	82036333	1	RAIL, SIDE, RH
13	82020153	18	SCREW, Self Locking, M20 x 2.5 x 58, 12.9
14	87312644	2	NUT, M20
15	82028022	6	WASHER,
16	87310864	4	SCREW, M20x1.5x93

1.21.1/02(01) SUPPORT FOR 4WD FRONT AXLE



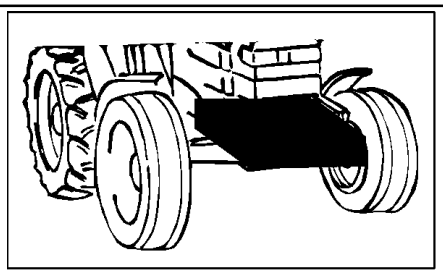


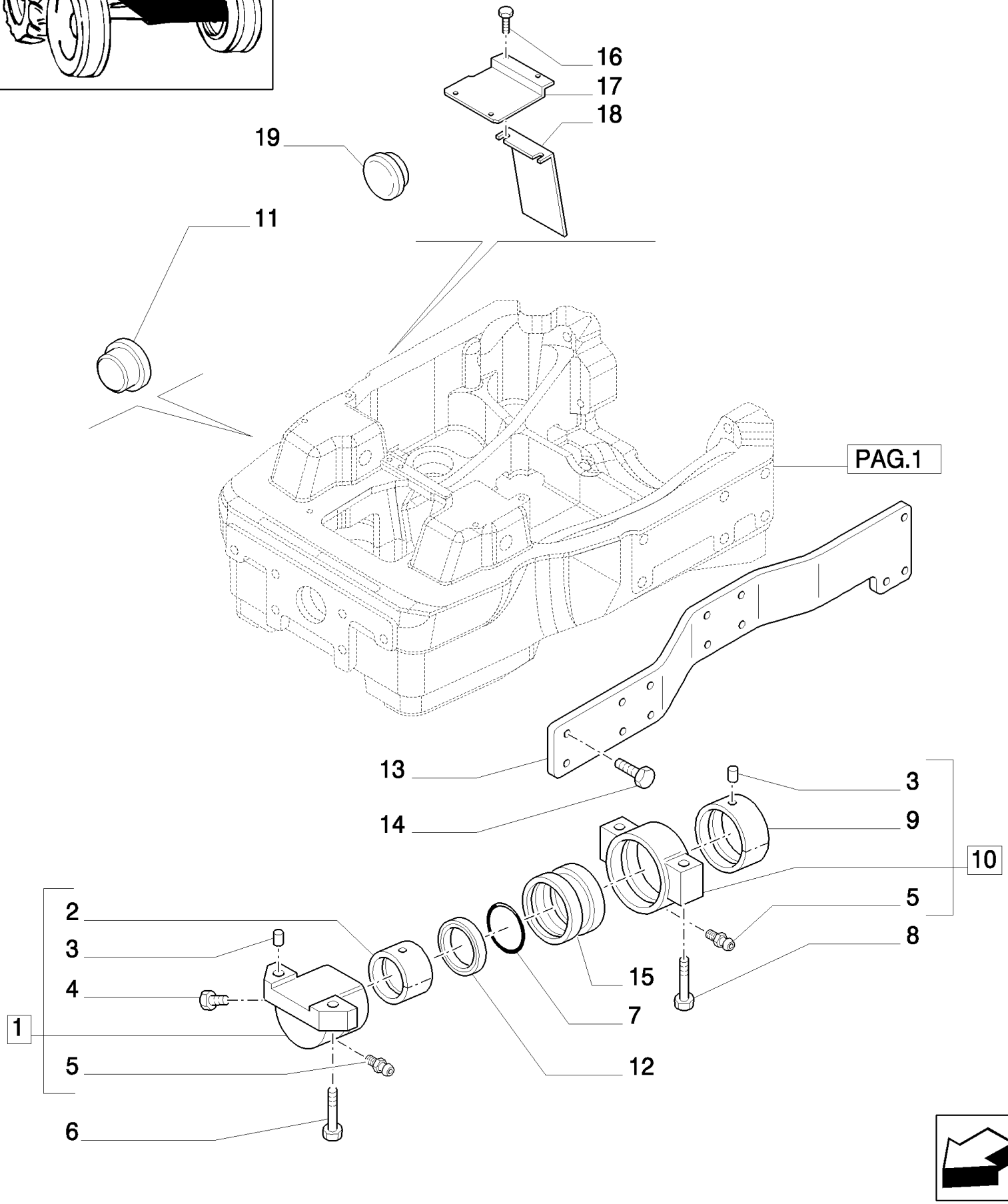
TM190 TRACTOR (6/02-) - Transmission

1.21.1/02(01) SUPPORT FOR 4WD FRONT AXLE

Ref	Part Number	Qty	Description
1	82037028	1	SUPPORT,
2	82019765	2	PIN, 20X50
3	82023395	2	PLUG,
4	82026240	AR	SHIM, 4.5mm Thk (Yellow),
4	82026248	AR	SHIM, 6.9mm Thk (Gold),
4	82026249	AR	SHIM, 7.2mm Thk (Lime),
4	82026250	AR	SHIM, 7.5mm Thk (Orange),
4	82026251	AR	SHIM, 7.8mm Thk (Blue/Gray),
4	82026247	AR	SHIM, 6.6mm Thk (Light Blue),
4	82026246	AR	SHIM, 6.3mm Thk (Pink),
4	82026245	AR	SHIM, 6.0mm Thk (Black),
4	82026241	AR	SHIM, 4.8mm Thk (Green),
4	82026242	AR	SHIM, 5.1mm Thk (Red),
4	82026243	AR	SHIM, 5.4mm Thk (Blue),
4	82026244	AR	SHIM, 5.7mm Thk (White),
5	82019767	4	SCREW, Self-Locking, M20 x 1.5 x 90
6	87301870	2	STUD,
7	82023393	2	NUT, M20X1,5
8	5167043	2	PLATE,
9	82015433	4	SCREW, M10X25
10	87312644	2	NUT, M20
11	82028022	6	WASHER,
12	87310864	4	SCREW, M20x1.5x93

1.21.1/02(03) SUPPORT FOR 4WD FRONT AXLE

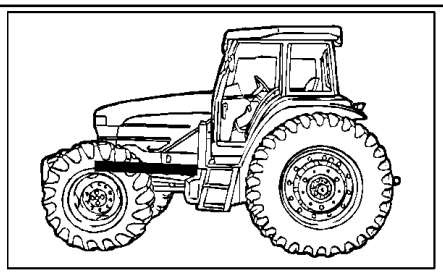


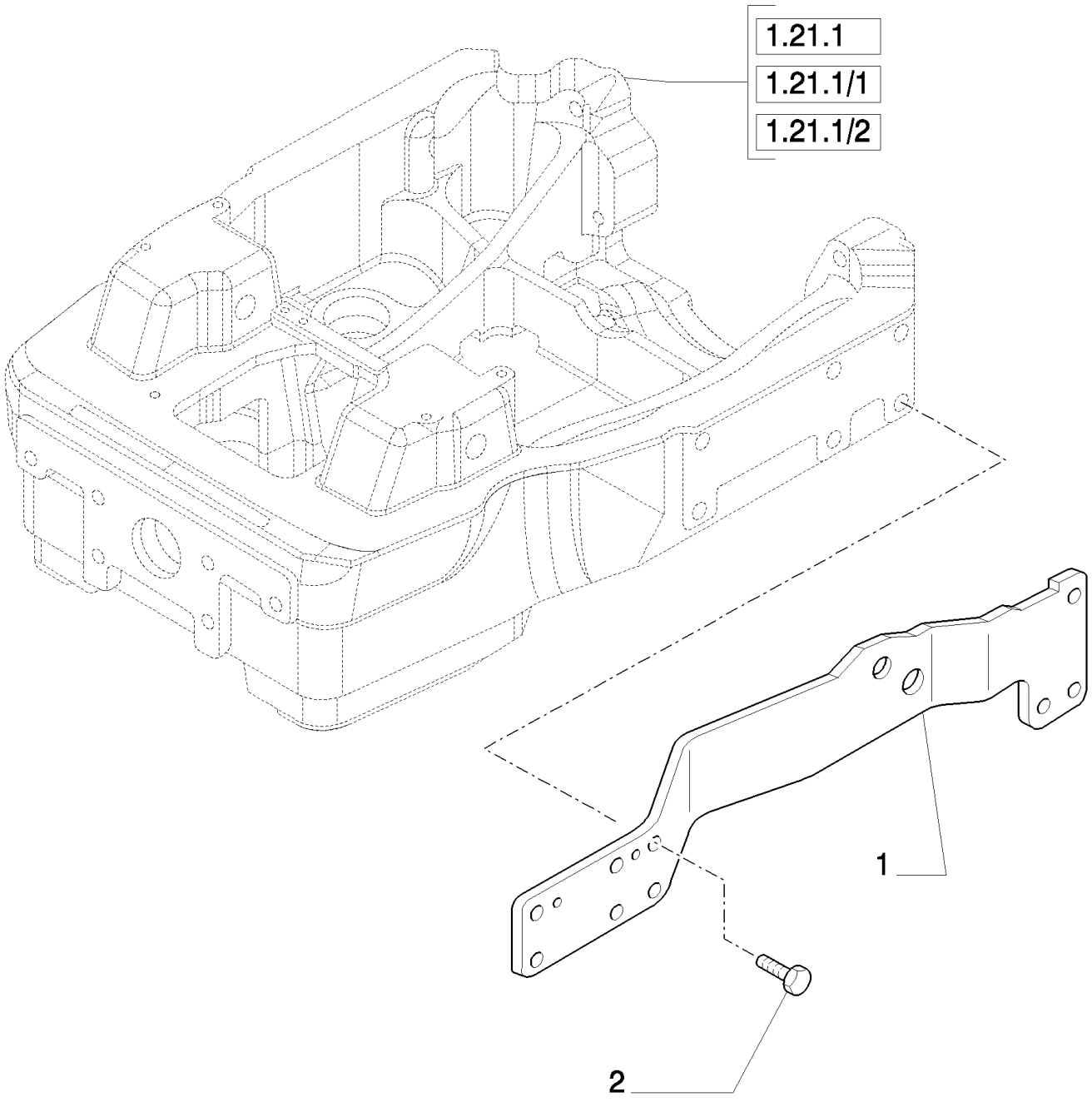


1.21.1/02(03) SUPPORT FOR 4WD FRONT AXLE

Ref	Part Number	Qty	Description
1	5140890	1	SUPPORT,
2	5140889	1	BUSHING,
3	10837710	4	DOWEL, M10 x 25,
4	13410917	1	VALVE, PRESSURE RELIEF,
5	13407211	2	NIPPLE, LUBE, M10 x 1,
6	14272031	2	SCREW, M18 x 1.5 x 65
7	14471680	1	O-RING, -333, 70 Duro, 2.475" ID x .210" Thk,
8	14272534	2	BOLT, Hex, M18 x 1.5 x 100,
9	5140589	1	BUSHING,
10	5148528	1	SUPPORT,
11	82013380	4	COVER,
12	5140888	1	RING,
13	82036332	1	RAIL, SIDE, LH, TM175, TM190
13	82036333	1	RAIL, SIDE, RH, TM175, TM190
14	82020153	18	SCREW, Self Locking, M20 x 2.5 x 58, 12.9
15	5188607	2	GASKET,
16	16288324	1	SCREW,
16	15970524	3	BOLT, Hex, M10 x 1.25 x 20, 8.8, Full Thd,
17	5175024	1	GUARD, TM155
18	5169749	1	GUARD, TM155
19	5175030	4	PLUG, 31,5X10, TM155
19	82032005	2	PLUG, 50,8X25,4, TM155

1.21.1/03 (VAR.245) SIDE RAILS

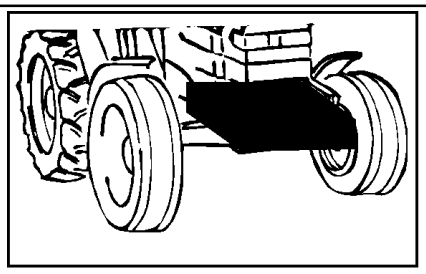


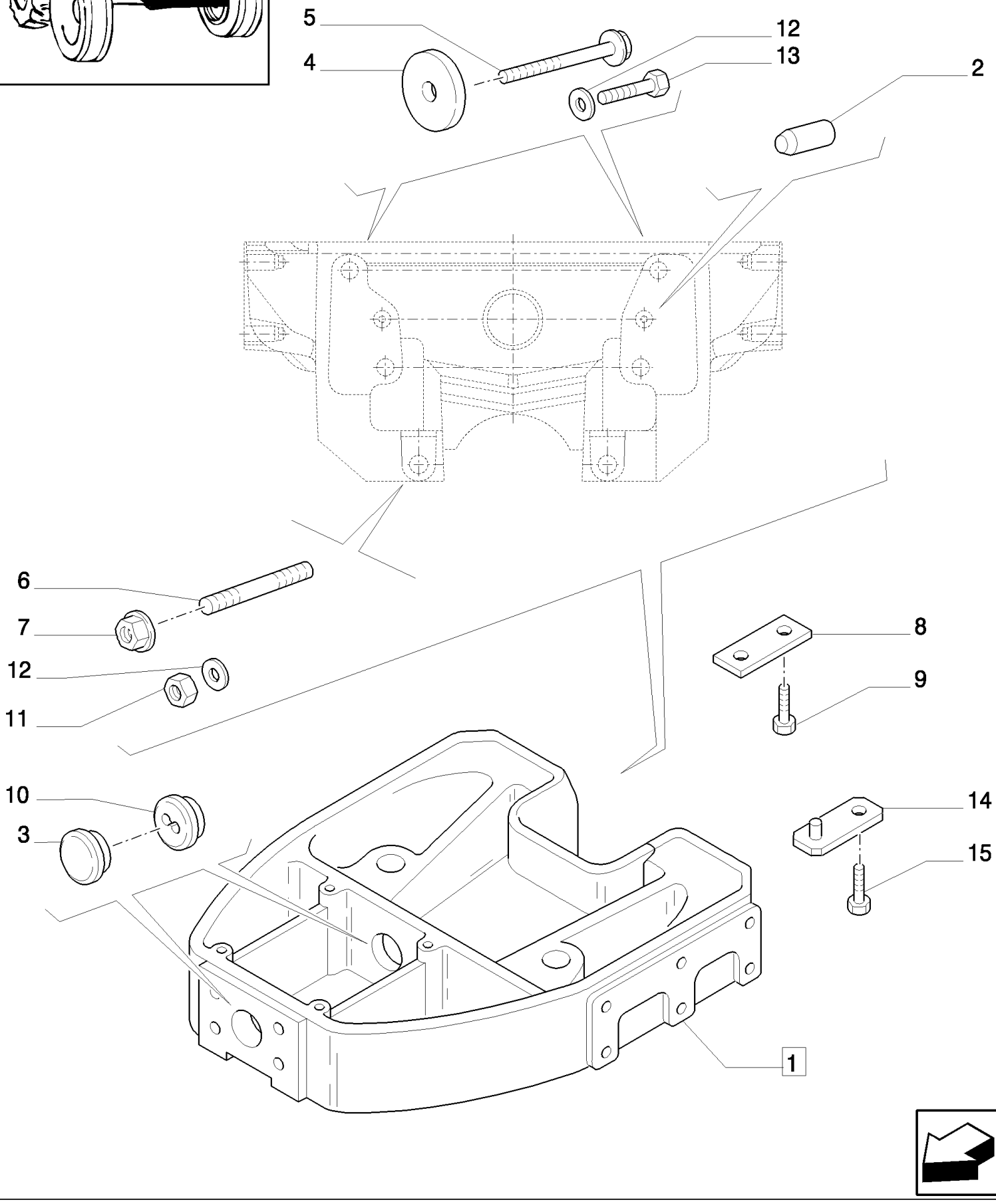


1.21.1/03 (VAR.245) SIDE RAILS

Ref	Part Number	Qty	Description
1	82036332	1	RAIL, SIDE, LH
1	82036333	1	RAIL, SIDE, RH
1	82036336	1	RAIL, SIDE, LH, W/FRONT SUSPENSION
1	82036337	1	RAIL, SIDE, RH, W/FRONT SUSPENSION
2	82020153	18	SCREW, Self Locking, M20 x 2.5 x 58, 12.9

1.21.1/04(01) (VAR.416) SUPPORT FOR 4WD SUPERSTEER FRONT AXLE

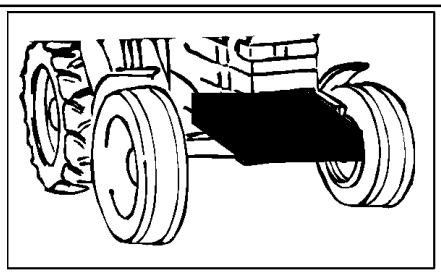


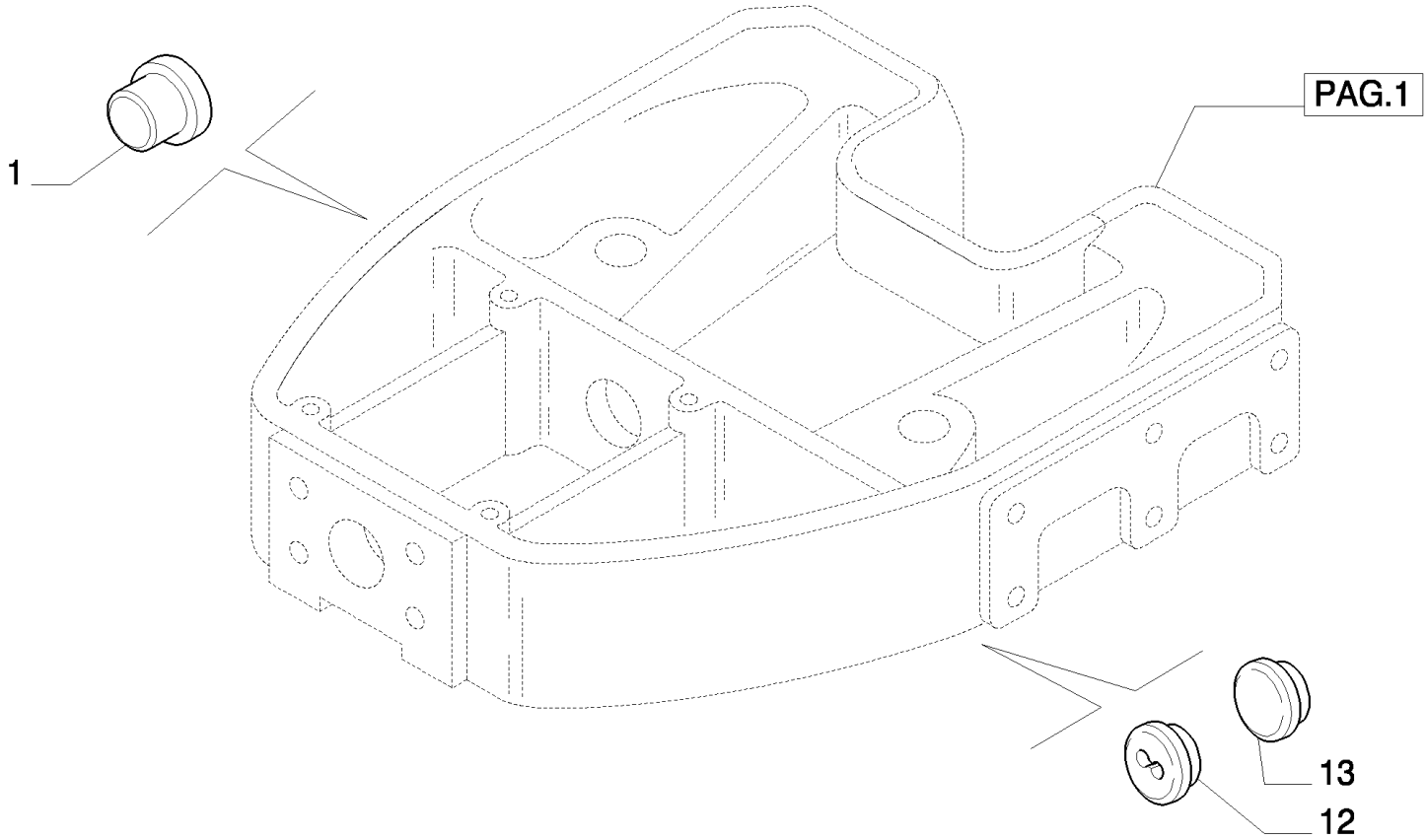


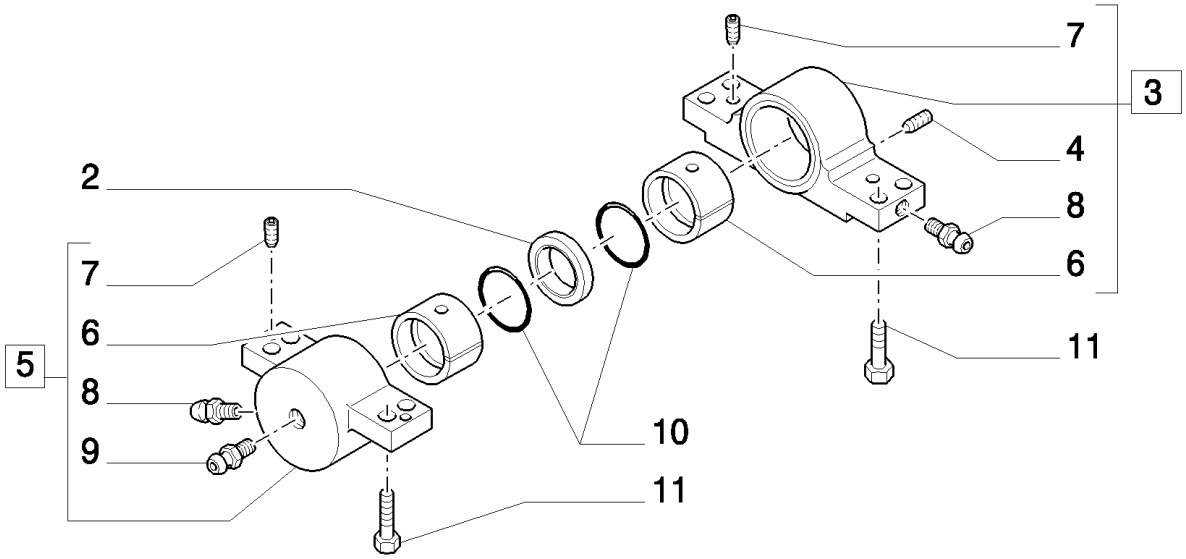
1.21.1/04(01) (VAR.416) SUPPORT FOR 4WD SUPERSTEER FRONT AXLE

Ref	Part Number	Qty	Description
1	82026256	1	SUPPORT,
2	82019765	2	PIN, 20X50
3	82023395	2	PLUG,
4	82026240	AR	SHIM, 4.5mm Thk (Yellow),
4	82026248	AR	SHIM, 6.9mm Thk (Gold),
4	82026249	AR	SHIM, 7.2mm Thk (Lime),
4	82026250	AR	SHIM, 7.5mm Thk (Orange),
4	82026251	AR	SHIM, 7.8mm Thk (Blue/Gray),
4	82026247	AR	SHIM, 6.6mm Thk (Light Blue),
4	82026246	AR	SHIM, 6.3mm Thk (Pink),
4	82026245	AR	SHIM, 6.0mm Thk (Black),
4	82026241	AR	SHIM, 4.8mm Thk (Green),
4	82026242	AR	SHIM, 5.1mm Thk (Red),
4	82026243	AR	SHIM, 5.4mm Thk (Blue),
4	82026244	AR	SHIM, 5.7mm Thk (White),
5	82019767	4	SCREW, Self-Locking, M20 x 1.5 x 90
6	82019768	2	SCREW, M20 x 1.5 x 195
7	82023393	2	NUT, M20X1,5
8	5167043	2	PLATE, , -C5475
9	82015433	4	SCREW, M10x25x10,9, -C5475
10	82031849	2	PLUG,
11	87312644	2	NUT, M20
12	82028022	6	WASHER,
13	87310864	4	SCREW, M20x1.5x93
14	87302174	2	PLATE, , D5475-
15	87302176	2	SCREW, , D5475-

1.21.1/04(02) (VAR.416) SUPPORT FOR 4WD SUPERSTEER FRONT AXLE



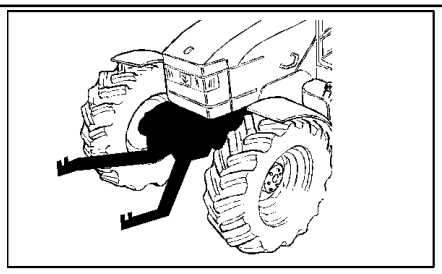




1.21.1/04(02) (VAR.416) SUPPORT FOR 4WD SUPERSTEER FRONT AXLE

Ref	Part Number	Qty	Description
1	82013380	4	COVER,
2	5140888	1	RING,
3	82016605	1	SUPPORT,
4	82009120	1	PLUG,
5	82016604	1	CONNECTOR, WIRE,
6	5129385	2	BUSHING,
7	10837710	4	DOWEL, M10 x 25,
8	13407211	2	NIPPLE, LUBE, M10 x 1,
9	13411117	1	VALVE, PRESSURE RELIEF,
10	14472780	2	O-RING, -344, 70 Duro, 3.85" ID x .210" Thk,
11	14272234	8	SCREW, M18X1,5X75
12	82031849	1	PLUG,
13	87301529	8	PLUG, PLASTIC,

1.21.1/05 (VAR.780-781) LIFT AND FRONT PTO (WITH 6 -21 SPLINES) CCLS - GUARDS FOR FRONT AXLE SUPPORT



KIT ■ = 14

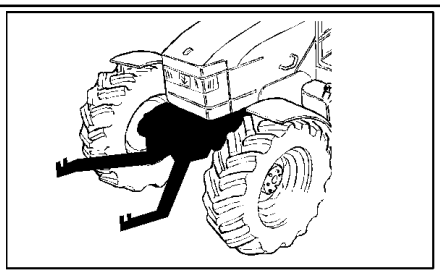
■ 15
■ 19
■ 16
■ 17
23
20 ■
21
22 ■
18 ■
12
13
7
10
1
2
3
9
4
5
6
11
8

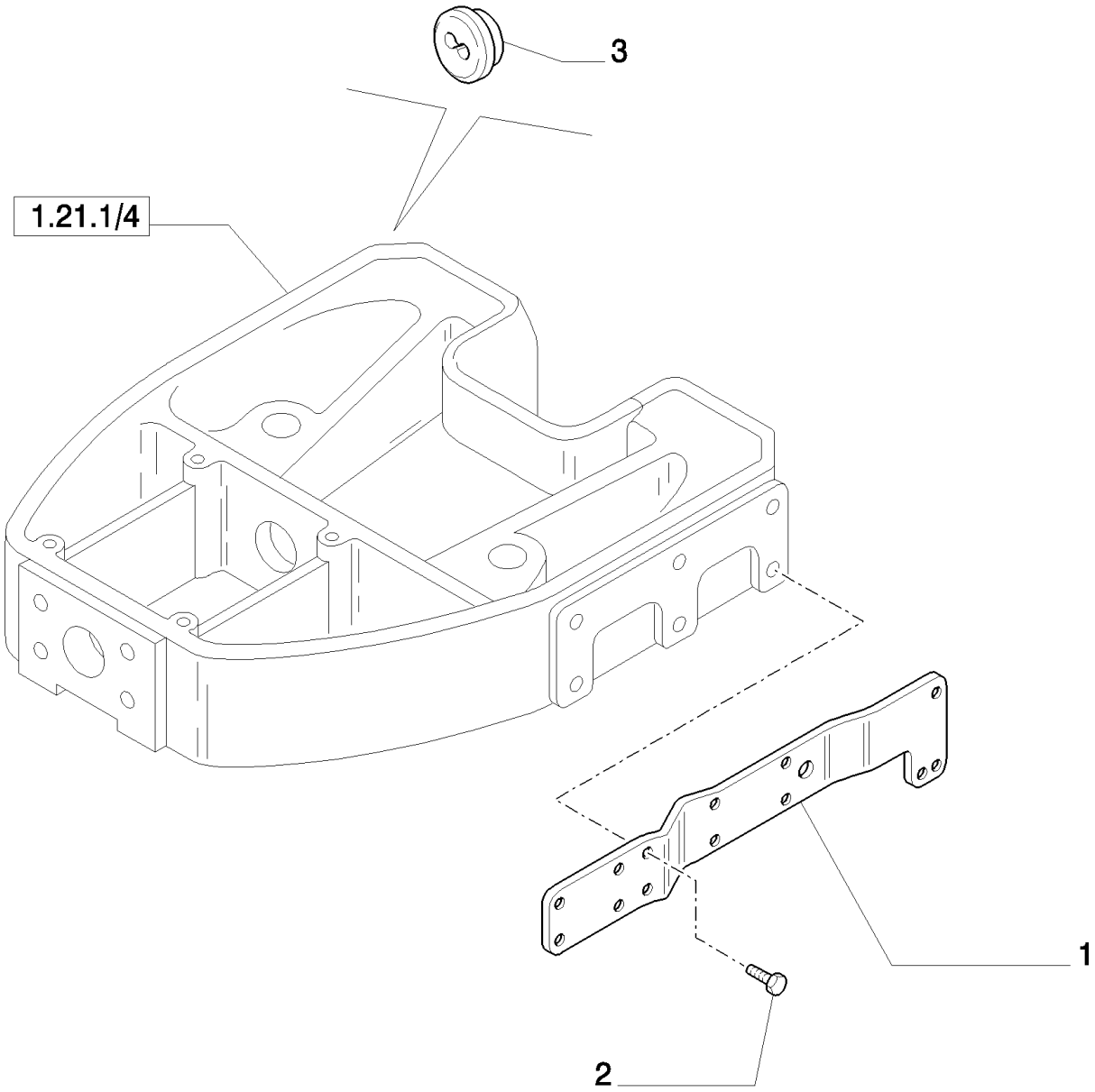
1.80.5

1.21.1/05 (VAR.780-781) LIFT AND FRONT PTO (WITH 6 -21 SPLINES) CCLS - GUARDS FOR FRONT AXLE SUPPORT

Ref	Part Number	Qty	Description
1	82013836	1	PIN, LOCK,
2	5112606	1	PIN, SPLIT (COTTER),
3	82017214	1	PIN,
4	11125037	4	BOLT, Hex, M20 x 65, 10.9, Full Thd,
5	10572371	4	WASHER, LOCK, M20,
6	82015462	1	SUPPORT,
7	82015495	1	GUARD,
7	82019510	1	GUARD,
8	82020153	18	SCREW, Self Locking, M20 x 2.5 x 58, 12.9
9	82869674	1	MOLDING,
10	82015330	1	BUMPER, MM.55
11	82036332	1	RAIL, SIDE, LH
11	82036333	1	RAIL, SIDE, RH
12	10979224	3	BOLT, Hex, M10 x 16, 8.8, Full Thd,
13	82035348	1	GUARD,
14	82018481	1	POTENTIOMETER,
15	15211421	2	BOLT, Hex, M5 x 30, 8.8, Full Thd,
16	82021037	1	POTENTIOMETER,
17	82018588	1	RING,
18	353467S36	1	PIN, SPLIT (COTTER),
19	85700057	2	WASHER, LOCK, Serr, M5,
20	82018467	1	SUPPORT,
21	10902224	2	BOLT, Hex, M6 x 16, 8.8, Full Thd,
22	82018468	1	LEVER,
23	374079S100	1	CLIP,

1.21.1/06 (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - FRONT SUPPORT GUARDS

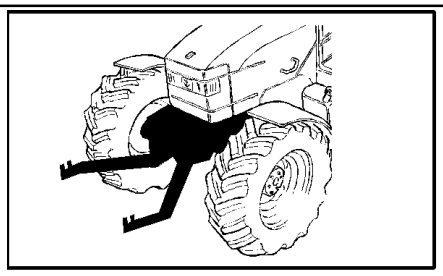




1.21.1/06 (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - FRONT SUPPORT GUARDS

Ref	Part Number	Qty	Description
1	82036332	1	RAIL, SIDE, LH
1	82036333	1	RAIL, SIDE, RH
2	82020153	18	SCREW, Self Locking, M20 x 2.5 x 58, 12.9
3	82031849	1	PLUG,

1.21.1/07 (VAR.780-781) LIFT AND FRONT PTO WITH 21 CCLS GROOVES FOR AXLE WITH SUSPENSIONS - GUARDS



KIT = 16

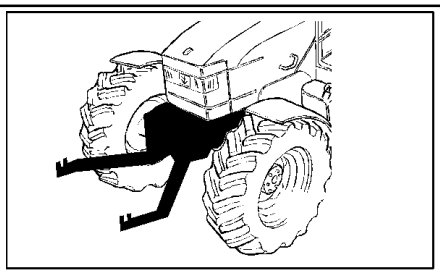
■24
■19
■12
■17
23
20 ■
21
22 ■
18 ■
10
14
15
13
1
2
3
9
4
5
6
11
8

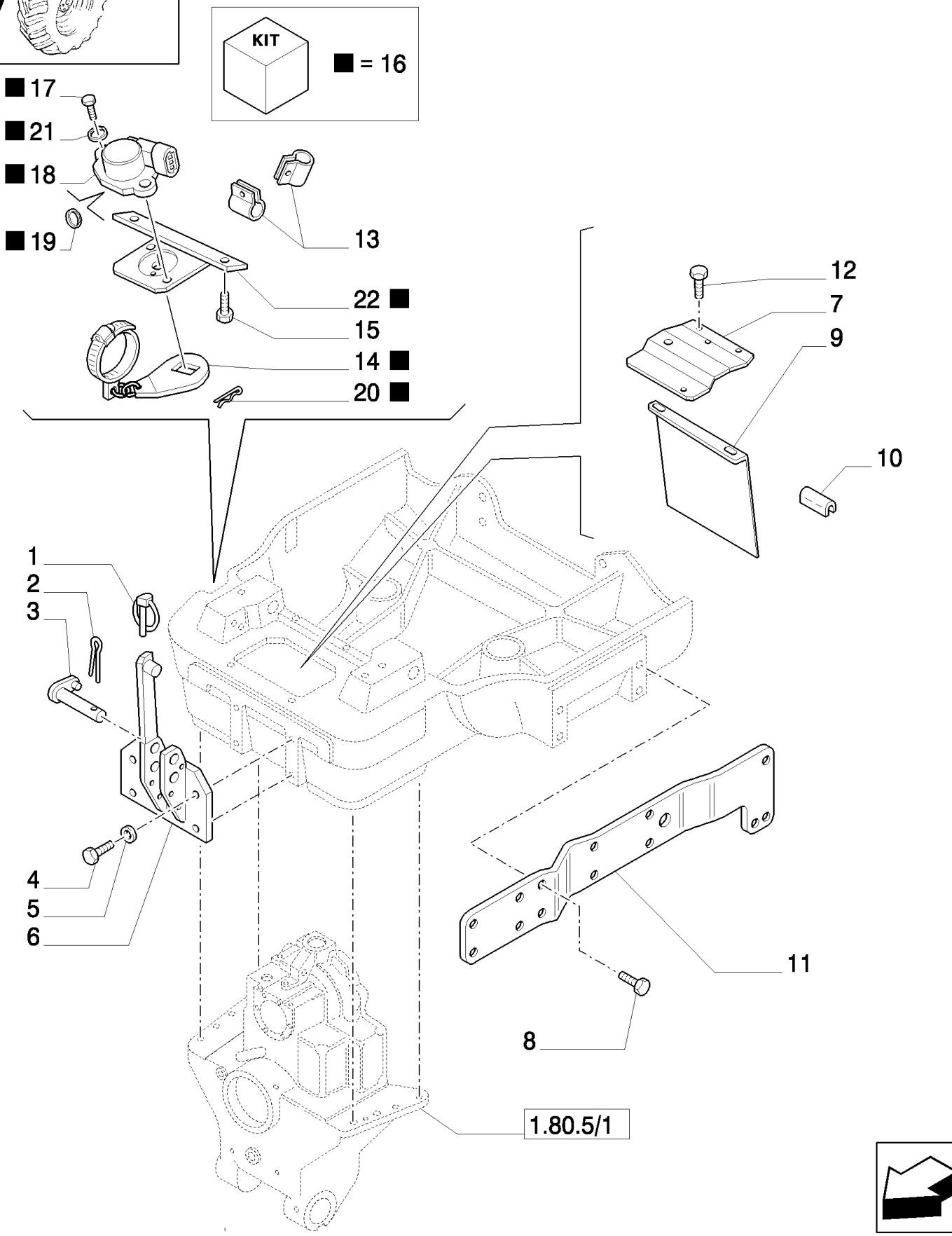
1.80.5

1.21.1/07 (VAR.780-781) LIFT AND FRONT PTO WITH 21 CCLS GROOVES FOR AXLE WITH SUSPENSIONS - GUARDS

Ref	Part Number	Qty	Description
1	82013836	1	PIN, LOCK,
2	5112606	1	PIN, SPLIT (COTTER),
3	82017214	1	PIN,
4	11125037	4	BOLT, Hex, M20 x 65, 10.9, Full Thd,
5	10572371	4	WASHER, LOCK, M20,
6	82015462	1	SUPPORT,
7	82026683	1	PLATE, TM120, TM130
7	82026687	1	PLATE, TM140, TM155, TM175, TM190
8	82020153	18	SCREW, Self Locking, M20 x 2.5 x 58, 12.9
9	82869674	1	MOLDING,
10	87364758	1	GUARD,
11	82036336	1	RAIL, SIDE, LH
11	82036337	1	RAIL, SIDE, RH
12	82021037	3	POTENTIOMETER,
13	87364761	1	GUARD,
14	82020548	1	GASKET, 85X145X50
15	82015330	3	BUMPER, LENGTH=MM.55
16	82018481	1	POTENTIOMETER,
17	82018588	1	RING,
18	83957394	1	PIN, SPLIT (COTTER),
19	85700057	2	WASHER, LOCK, Serr, M5,
20	82018467	1	SUPPORT,
21	10902224	2	BOLT, Hex, M6 x 16, 8.8, Full Thd,
22	82018468	1	LEVER,
23	83946686	1	CLIP,
24	15211421	2	BOLT, Hex, M5 x 30, 8.8, Full Thd,

1.21.1/08 (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - GUARDS

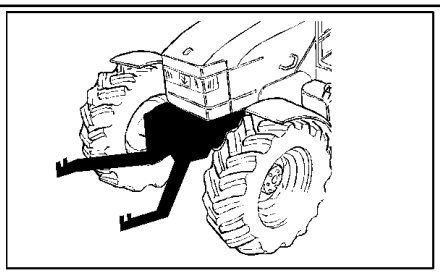




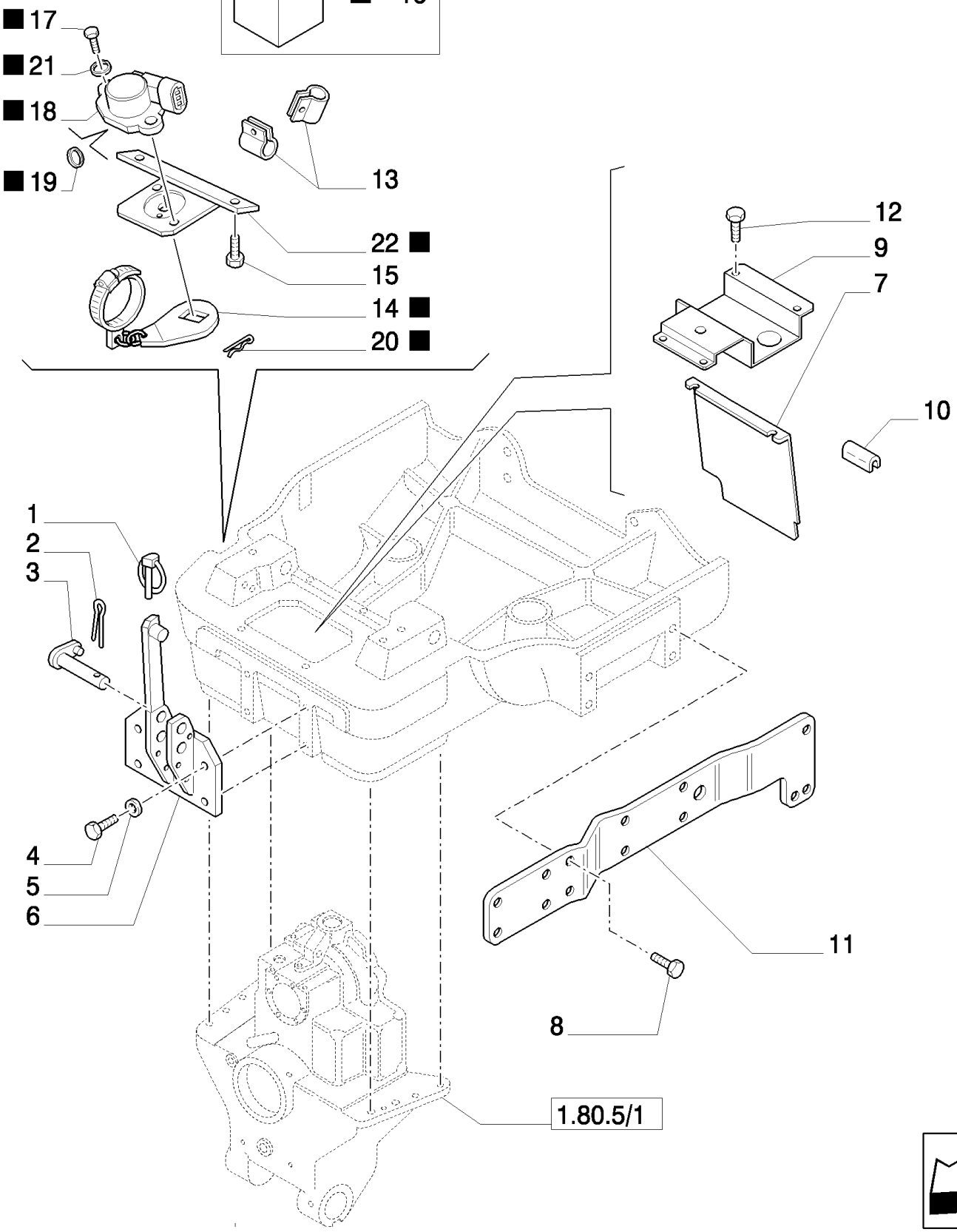
1.21.1/08 (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - GUARDS

Ref	Part Number	Qty	Description
1	82013836	1	PIN, LOCK,
2	5112606	1	PIN, SPLIT (COTTER),
3	82017214	1	PIN,
4	11125037	4	BOLT, Hex, M20 x 65, 10.9, Full Thd,
5	10572371	4	WASHER, LOCK, M20,
6	82015462	1	SUPPORT,
7	82035346	1	GUARD,
8	82020153	18	SCREW, Self Locking, M20 x 2.5 x 58, 12.9
9	82015478	1	GUARD,
10	82015330	1	BUMPER, LENGTH=MM.55
11	82036332	1	RAIL, SIDE, LH
11	82036333	1	RAIL, SIDE, RH
12	10979224	3	BOLT, Hex, M10 x 16, 8.8, Full Thd,
13	374079S100	3	CLIP,
14	82018468	1	LEVER,
15	10902224	2	BOLT, Hex, M6 x 16, 8.8, Full Thd,
16	82018481	1	POTENTIOMETER,
17	15211421	1	BOLT, Hex, M5 x 30, 8.8, Full Thd,
18	82021037	1	POTENTIOMETER,
19	82018588	1	RING,
20	353467S36	1	PIN, SPLIT (COTTER),
21	85700057	2	WASHER, LOCK, Serr, M5,
22	82018467	1	SUPPORT,

1.21.1/09 (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS FOR AXLE WITH SUSPENSIONS - GUARDS



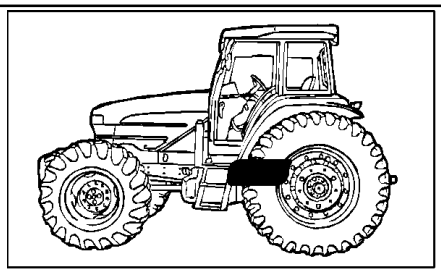
KIT ■ = 16

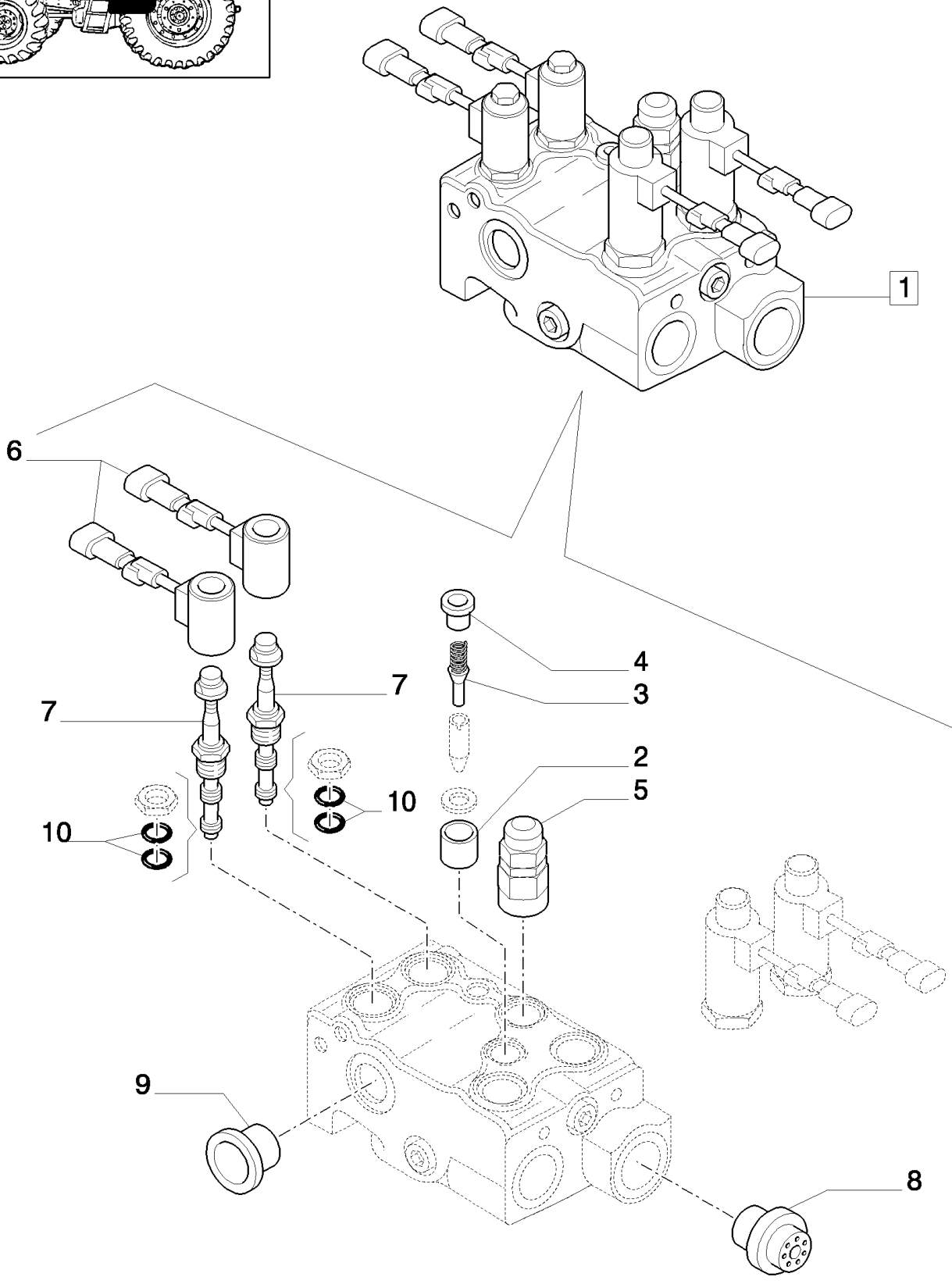


1.21.1/09 (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS FOR AXLE WITH SUSPENSIONS - GUARDS

Ref	Part Number	Qty	Description
1	82013836	1	PIN, LOCK,
2	5112606	1	PIN, SPLIT (COTTER),
3	82017214	1	PIN,
4	11125037	4	BOLT, Hex, M20 x 65, 10.9, Full Thd,
5	10572371	4	WASHER, LOCK, M20,
6	82015462	1	SUPPORT,
7	82023237	1	GUARD,
8	82020153	18	SCREW, Self Locking, M20 x 2.5 x 58, 12.9
9	82034532	1	GUARD,
10	82015330	1	BUMPER, LENGTH=MM.55
11	82036336	1	RAIL, SIDE, LH
11	82036337	1	RAIL, SIDE, RH
12	10979224	3	BOLT, Hex, M10 x 16, 8.8, Full Thd,
13	374079S100	3	CLIP,
14	82018468	1	LEVER,
15	10902224	2	BOLT, Hex, M6 x 16, 8.8, Full Thd,
16	82018481	1	POTENTIOMETER,
17	15211421	1	BOLT, Hex, M5 x 30, 8.8, Full Thd,
18	82021037	1	POTENTIOMETER,
19	82018588	1	RING,
20	353467S36	1	PIN, SPLIT (COTTER),
21	85700057	2	WASHER, LOCK, Serr, M5,
22	82018467	1	SUPPORT,

1.21.2/ A(01) VALVE SUSPENSION CONTROL - PARTS - C4863

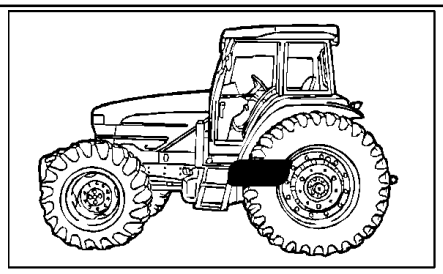


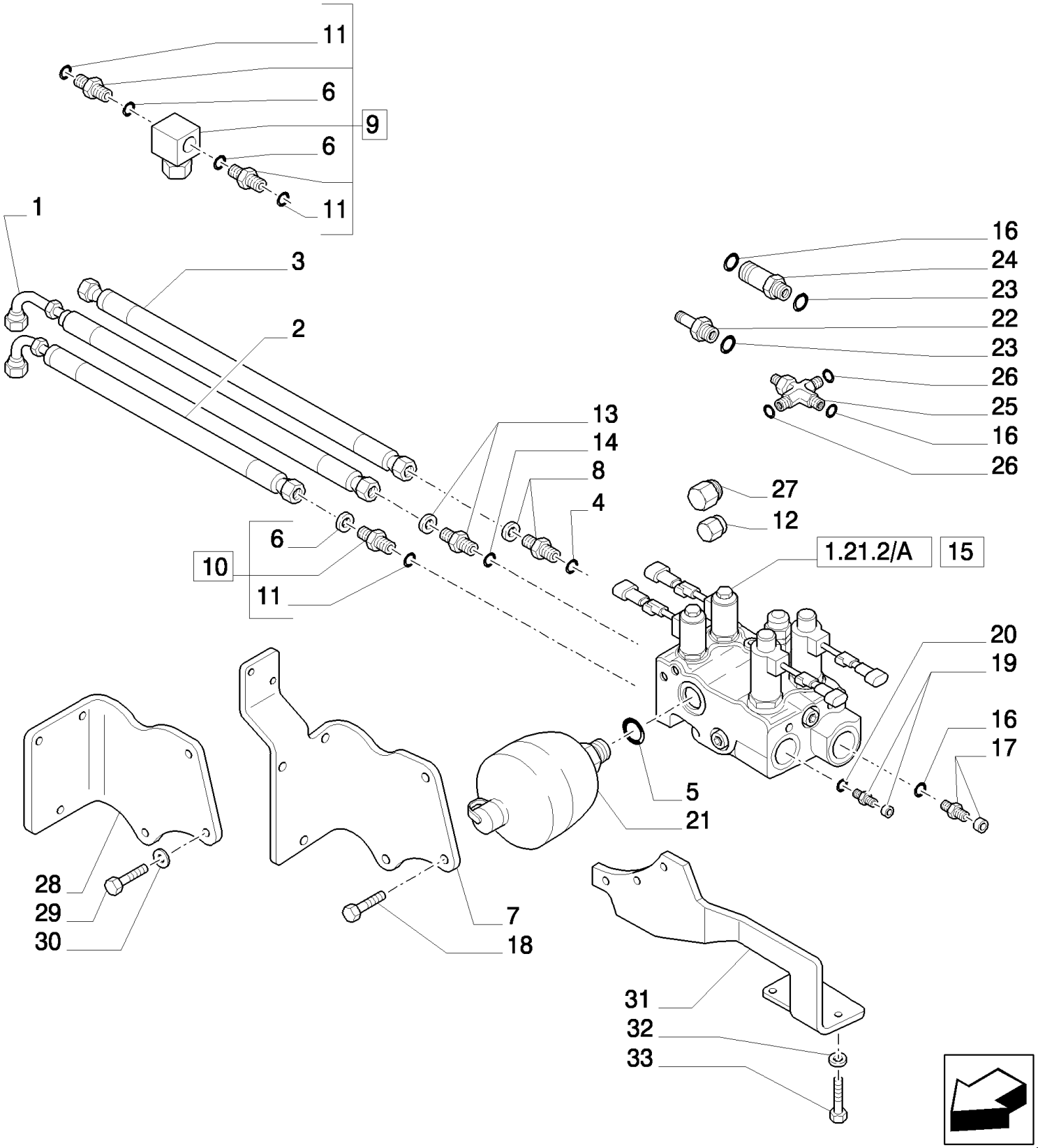


1.21.2/ A(01) VALVE SUSPENSION CONTROL - PARTS - C4863

Ref	Part Number	Qty	Description
1	5197683	1	VALVE, HYDRAULIC, ASSY
2	47126454	1	SCREW,
3	47126453	1	POPPET, VALVE,
4	47126452	1	PLUG,
5	47126451	1	VALVE, PRESSURE RELIEF,
6	82025709	2	SOLENOID,
7	82024719	2	BODY,
8	47126450	1	VALVE, CHECK,
9	47126449	1	VALVE, CHECK,
10	87437896	2	KIT, SERVICE,

1.21.2/02(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - VALVE AND PIPES





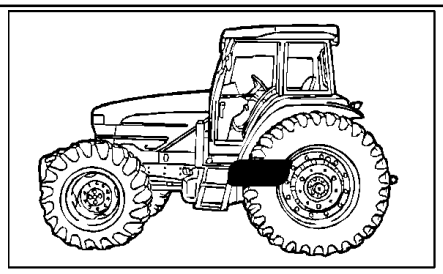
TM190 TRACTOR (6/02-) - Transmission

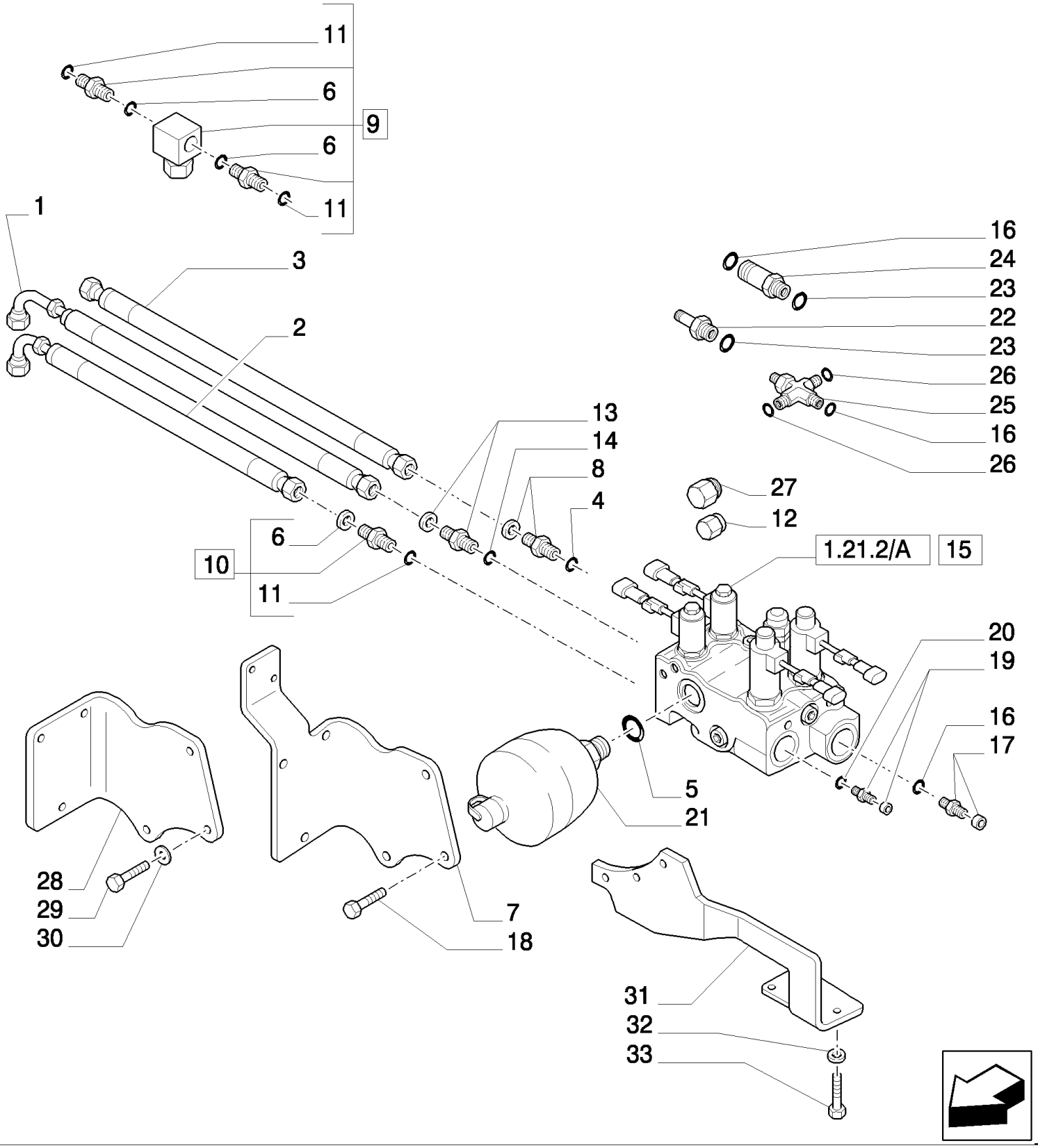
1.21.2/02(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - VALVE AND PIPES

Ref	Part Number	Qty	Description
1	5199909	1	HOSE, FLEXIBLE, TRAILER BRAKE MAIN PRESSURE
2	47130244	1	HOSE, FLEXIBLE, HYDRAULIC PUMP-RETURN
3	87302781	1	HOSE, FLEXIBLE, HYDRAULIC PUMP-LOAD SENSE
4	9992298	2	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
5	14438285	1	O-RING, 29.5MM ID x 3.0 Thk,
6	82016610	1	SEAL,
7	5199471	1	BRACKET, , -C4832
8	82019684	1	CONNECTOR, HYD., 13/16"-16 /M16 x 1,5
9	82018814	1	VALVE,
10	82016839	1	CONNECTOR, HYD., 9/16"-18 /M10 x 1
11	9825770	3	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
12	47123020	1	PLUG, 13/16
13	82019693	1	CONNECTOR, HYD., 11/16"-16 , M4 x 1,5
14	9993141	1	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
15	5197683	1	VALVE, HYDRAULIC, , BSN ACM222663
15	47135723	1	VALVE, HYDRAULIC, , ASN ACM222664
16	5185512	4	O-RING, 15,6 ID x 1,78 Thk
17	47125482	1	CONNECTOR, HYD., 1"-14/M27 x 2
18	15970724	3	BOLT, Hex, M10 x 1.25 x 25, 8.8, Full Thd,
19	82019639	1	CONNECTOR, HYD., 13/16"-12 /M27 x 2
20	9991976	1	O-RING, -018, 90 Duro, .739" ID x .070" Thk,
21	82025705	1	ACCUMULATOR,
22	5198832	1	CONNECTOR, HYD., M22X1,5
23	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
24	5199935	1	CONNECTOR, HYD.,
25	5199116	1	CONNECTION, 4 WAY,
26	5185511	2	O-RING, 12.42 x 1.78
27	47123019	1	PLUG, 1"
28	47126508	1	SUPPORT, , D4832-
29	15970924	3	BOLT, Hex, M10 x 1.25 x 35, 8.8, Full Thd, , D4832-
30	12601471	3	WASHER, LOCK, M10, D4832-
31	87532941	1	BRACKET, , D5349-
32	10615779	3	WASHER, LOCK, Ext Tooth, M10, , D5349-
33	16054724	3	BOLT, Hex, M10 x 1.25 x 40, 8.8, Full Thd, , D5349-

D4832 After Date 07/02/03 D4863 Serial N°ACM222664 D5349 After Date 30 March 2006

1.21.2/03(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - VALVE AND PIPES





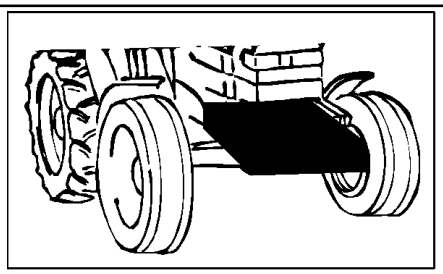
TM190 TRACTOR (6/02-) - Transmission

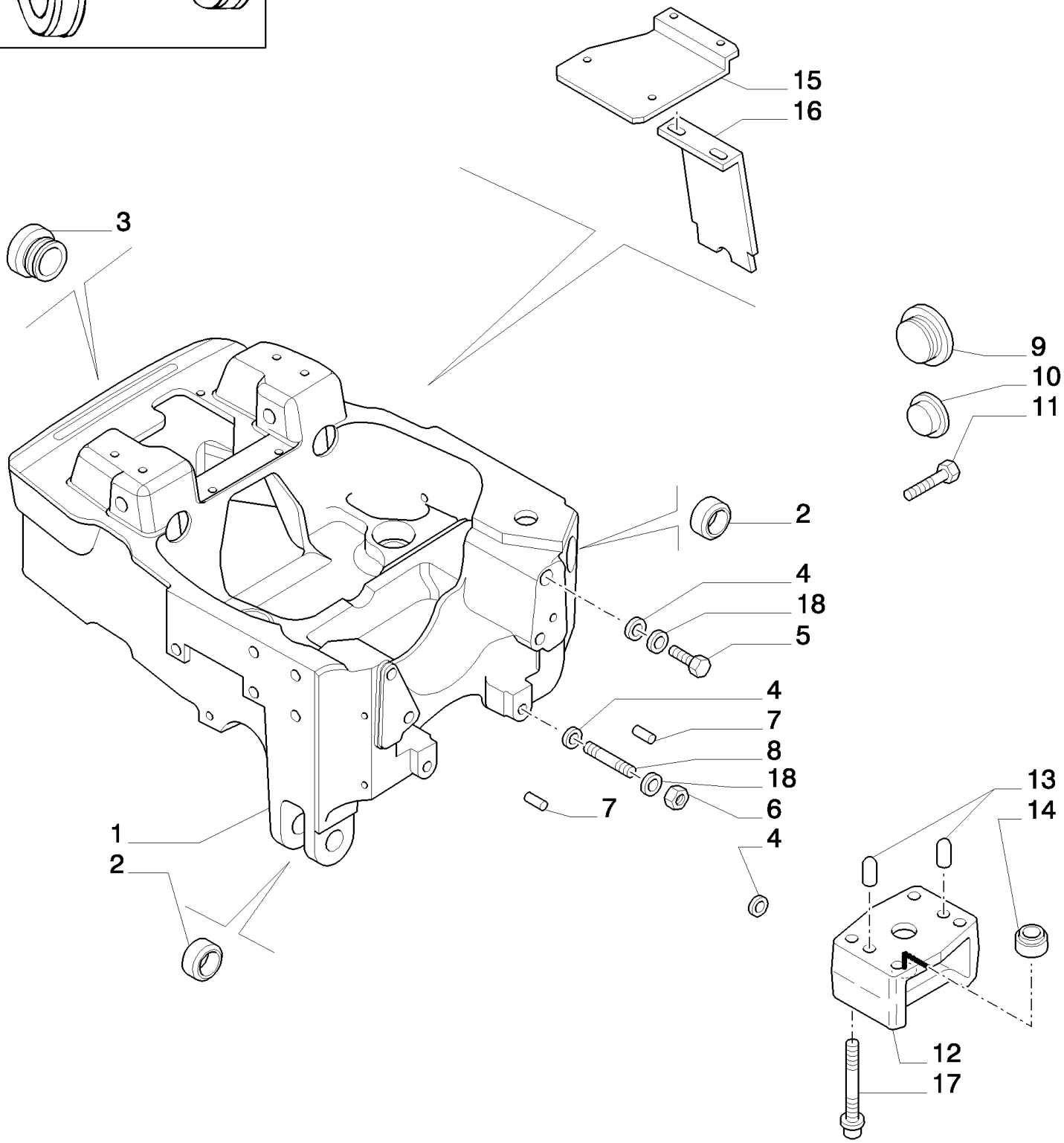
1.21.2/03(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - VALVE AND PIPES

Ref	Part Number	Qty	Description
1	5199909	1	HOSE, FLEXIBLE, TRAILER BRAKE MAIN PRESSURE
2	47130244	1	HOSE, FLEXIBLE, HYDRAULIC PUMP-RETURN
3	87302781	1	HOSE, FLEXIBLE, HYDRAULIC PUMP-LOAD SENSE
4	9992298	2	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
5	14438285	1	O-RING, 29.5MM ID x 3.0 Thk,
6	82016610	1	SEAL,
7	5199471	1	BRACKET, , -C4832
8	82019684	1	CONNECTOR, HYD., 13/16"-16/M16 x 1,5
9	82018814	1	VALVE,
10	82016839	1	CONNECTOR, HYD., 9/16"-18/M10 x 1
11	9825770	3	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
12	47123020	1	PLUG, 13/16
13	82019693	1	CONNECTOR, HYD., 11/16"-16/M4 x 1,5
14	9993141	1	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
15	5197683	1	VALVE, HYDRAULIC, , BSN ACM222663
15	47135723	1	VALVE, HYDRAULIC, , ASN ACM222664
16	5185512	3	O-RING, 15,6 ID x 1,78 Thk
17	47125482	1	CONNECTOR, HYD., 1"-14/M27 x 2
18	15970724	3	BOLT, Hex, M10 x 1.25 x 25, 8.8, Full Thd,
19	82019639	1	CONNECTOR, HYD., 13/16"-12/M27 x 2
20	9991976	1	O-RING, -018, 90 Duro, .739" ID x .070" Thk,
21	82025705	1	ACCUMULATOR,
22	5198832	1	CONNECTOR, HYD., M22X1,5
23	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
24	5199935	1	CONNECTOR, HYD.,
25	5199116	1	CONNECTION, 4 WAY,
26	5185511	2	O-RING, 12.42 x 1.78
27	47123019	1	PLUG, 1"
28	47126508	1	SUPPORT, , D4832-
29	15970924	3	BOLT, Hex, M10 x 1.25 x 35, 8.8, Full Thd, , D4832-
30	12601471	3	WASHER, LOCK, M10, D4832-
31	87532941	1	BRACKET, , D5349-
32	10615779	3	WASHER, LOCK, Ext Tooth, M10, , D5349-
33	16054724	3	BOLT, Hex, M10 x 1.25 x 40, 8.8, Full Thd, , D5349-

D4832 After Date 07/02/03 D4863 Serial N°ACM222664 D5349 After Date 30 March 2006

1.21.3/02(01) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - FRONT AXLE SUPPORT

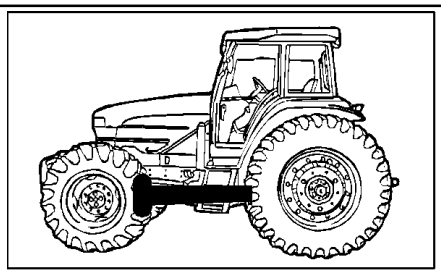


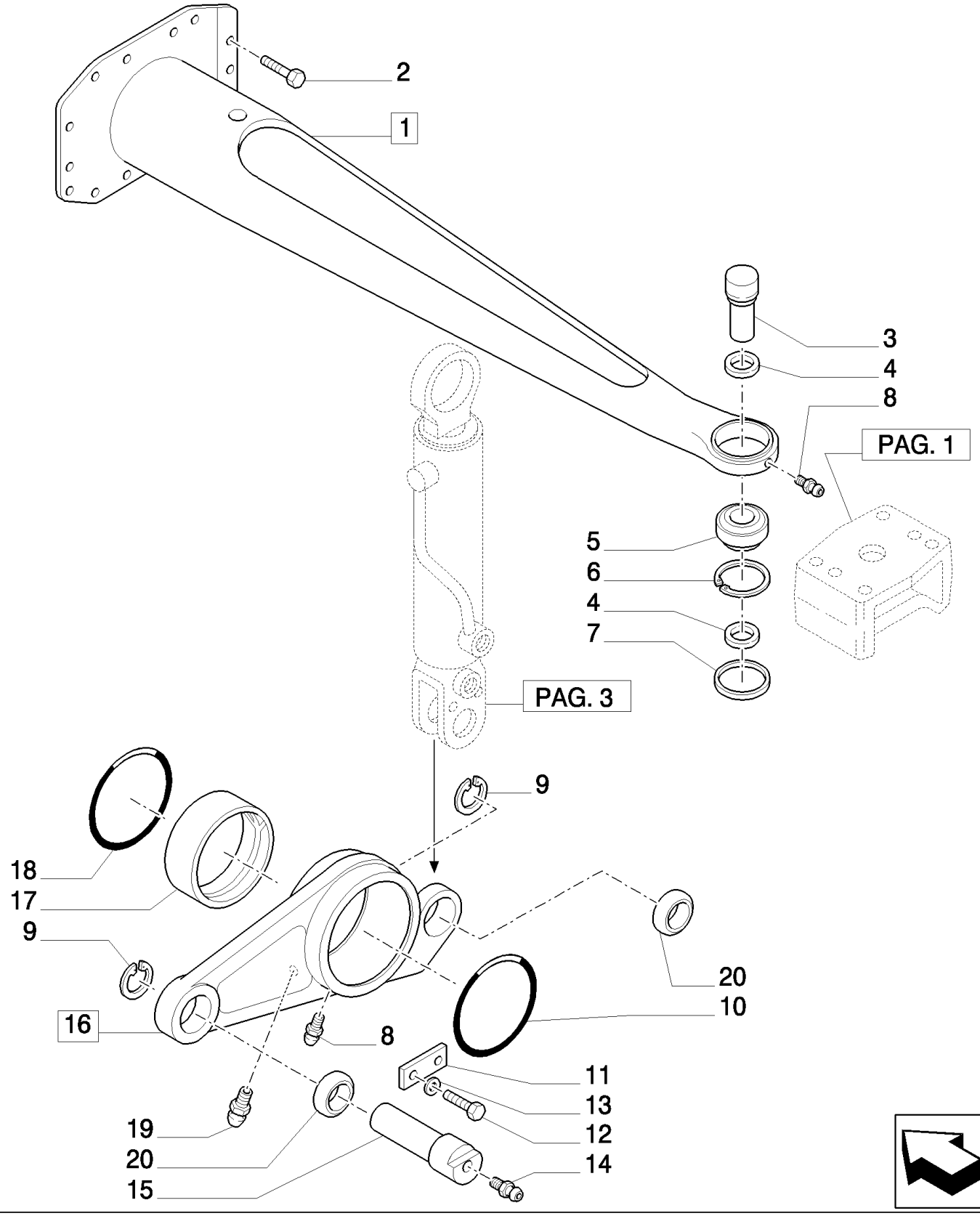


1.21.3/02(01) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - FRONT AXLE SUPPORT

Ref	Part Number	Qty	Description
1	82031500	1	SUPPORT,
2	82018767	2	WASHER, THRUST, 34X44X15,5
3	82023395	1	PLUG,
4	82026240	AR	SHIM, 4.5mm Thk (Yellow),
4	82026241	AR	SHIM, 4.8mm Thk (Green),
4	82026242	AR	SHIM, 5.1mm Thk (Red),
4	82026243	AR	SHIM, 5.4mm Thk (Blue),
4	82026244	AR	SHIM, 5.7mm Thk (White),
4	82026245	AR	SHIM, 6.0mm Thk (Black),
4	82026246	AR	SHIM, 6.3mm Thk (Pink),
4	82026247	AR	SHIM, 6.6mm Thk (Light Blue),
4	82026248	AR	SHIM, 6.9mm Thk (Gold),
4	82026249	AR	SHIM, 7.2mm Thk (Lime),
4	82026250	AR	SHIM, 7.5mm Thk (Orange),
4	82026251	AR	SHIM, 7.8mm Thk (Blue/Gray),
5	87310864	4	SCREW, M20x1.5x93
6	82023393	2	NUT, 20X1,5
6	87312644	2	NUT, M20
7	82019765	2	PIN, DIA.20X50
8	87301870	2	STUD,
9	82032005	2	PLUG,
10	5175030	4	PLUG, 19X34X3
11	10979224	4	BOLT, Hex, M10 x 16, 8.8, Full Thd,
12	82030600	1	BRACKET,
13	82020394	2	PIN,
14	82020887	1	BUSHING,
15	82034530	1	GUARD,
16	82023235	1	GUARD,
17	82021017	4	SCREW, M20X2X150
18	82028022	6	WASHER,

1.21.3/02(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - ARM AND SUSPENSIONS



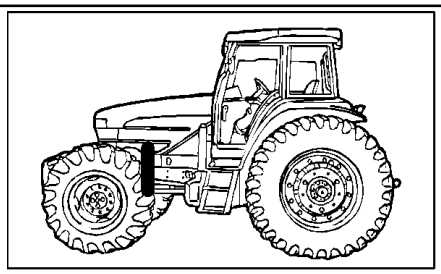


TM190 TRACTOR (6/02-) - Transmission

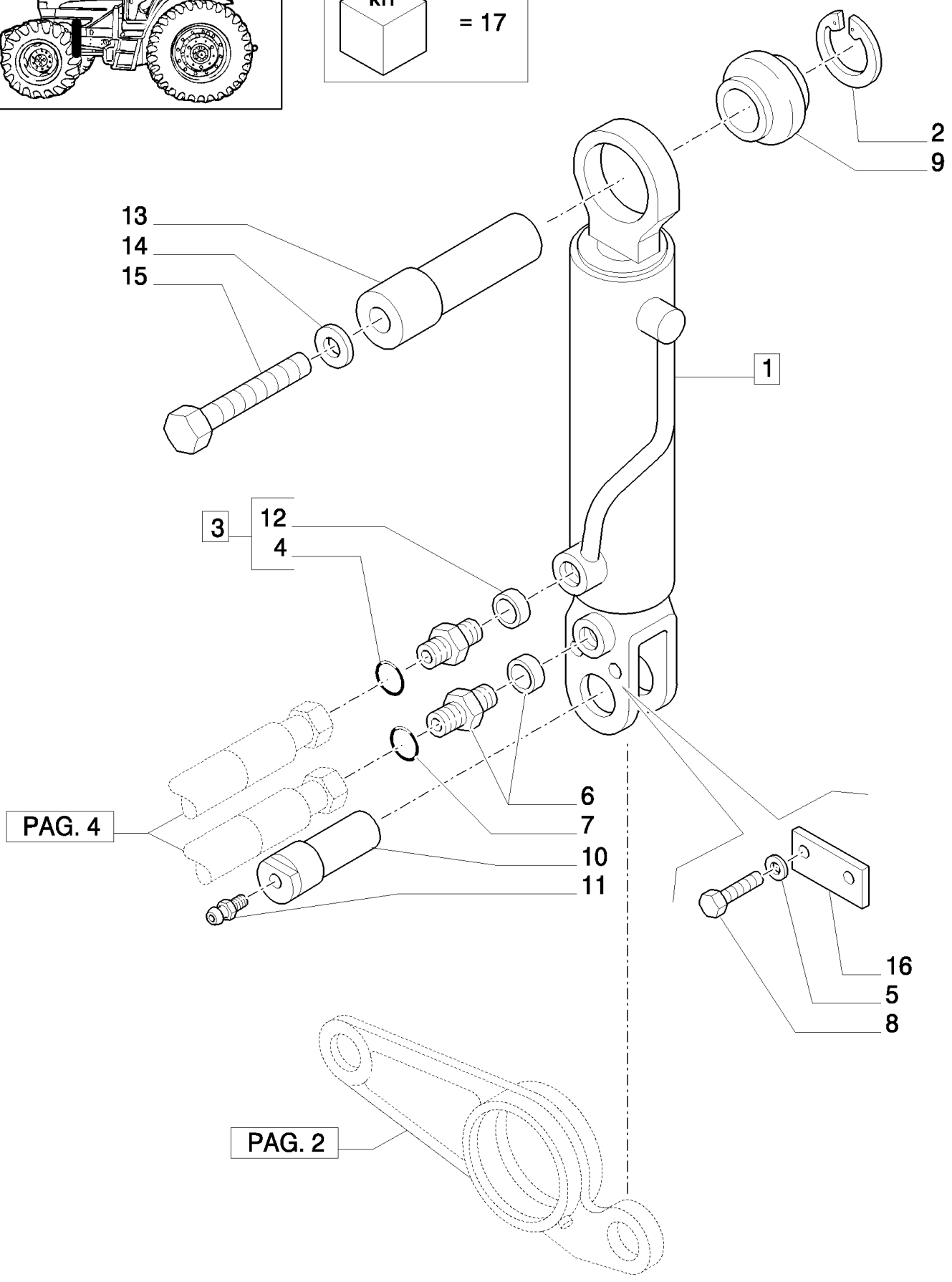
1.21.3/02(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - ARM AND SUSPENSIONS

Ref	Part Number	Qty	Description
1	82029904	1	ARM, SUPPORTING, Incl. 4,5,6,7,8
2	11254134	10	BOLT, Hex, M16 x 1.5 x 80, 10.9,
2	15835234	6	SCREW, Hex, M16 x 1.5 x 70, 10.9,
3	5193159	1	PIN,
4	5192794	2	GASKET, 62,5/65X80X5
5	5191875	1	BALL JOINT,
6	11062476	1	RING, SNAP, M90, Int,
7	5193160	1	O-RING, 80X90X6
8	13407211	2	NIPPLE, LUBE, M10 x 1,
9	370012	2	RING, SNAP, M62, Int,
10	14483180	1	O-RING, -369, 70 Duro, 7.976" ID x .210" Thk,
11	82016870	1	BRACKET,
12	43138	2	BOLT, Hex, M10 x 20, 8.8, Full Thd,
13	85700672	2	WASHER, D=10
14	87414	1	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
15	82030090	1	PIN,
16	82029901	1	ROD, Incl. 8,9,10,17,18,19,20
17	82020450	1	BUSHING,
18	14483280	1	O-RING, -370, 70 Duro, 8.224" ID x .210" Thk,
19	13411117	1	VALVE, PRESSURE RELIEF,
20	82016695	2	BEARING,

1.21.3/02(03) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - CYLINDER



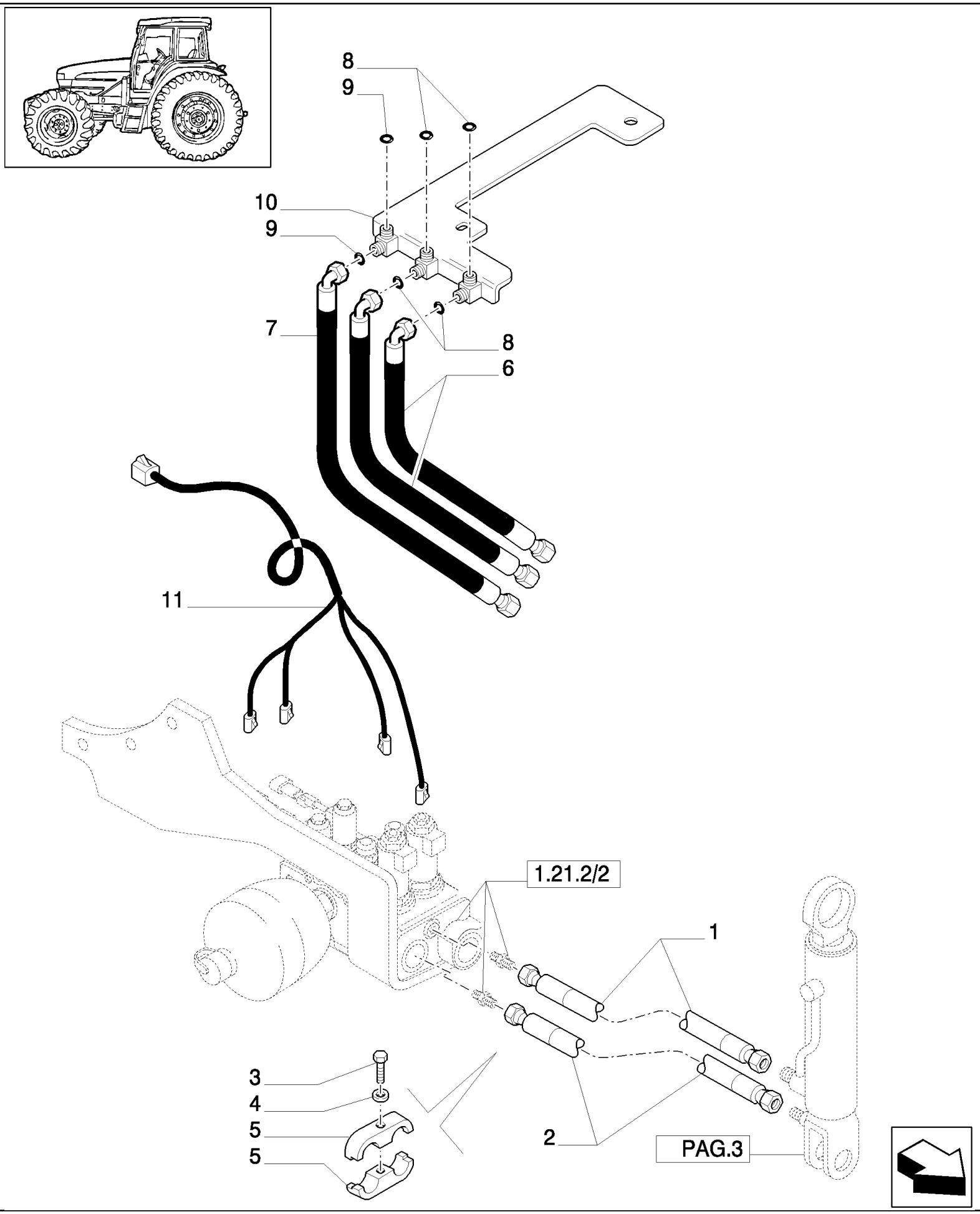
KIT = 17



1.21.3/02(03) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - CYLINDER

Ref	Part Number	Qty	Description
1	47125430	1	HYDRAULIC CYLINDER, Incl. Ref. 2,3,4,5,6,7,8,9
2	370012	1	RING, SNAP, M62, Int,
3	82016498	1	CONNECTOR, HYD., 1"-14 UN-2A/M22X1,5
4	9992069	1	O-RING, -016, 90 Duro, .614" ID x .070" Thk,
5	85700672	2	WASHER,
6	82019639	1	CONNECTOR, HYD., 13/16"-12 UN-2A/M27 x 2
7	9991976	1	O-RING, -018, 90 Duro, .739" ID x .070" Thk,
8	43138	2	BOLT, Hex, M10 x 20, 8.8, Full Thd,
9	82016695	1	BEARING,
10	82030091	1	PIN,
11	87414	1	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
12	82016732	1	SEAL, 34,2X39,7X9,5
13	82030656	1	PIN,
14	83931520	1	WASHER, M8
15	F0NNP742AA	1	BOLT, M8X150
16	82016870	1	BRACKET,
17	47123025	1	KIT, SEALS,

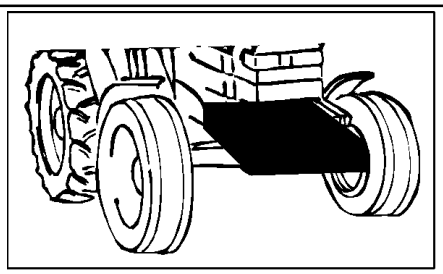
1.21.3/02(04) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - PIPES

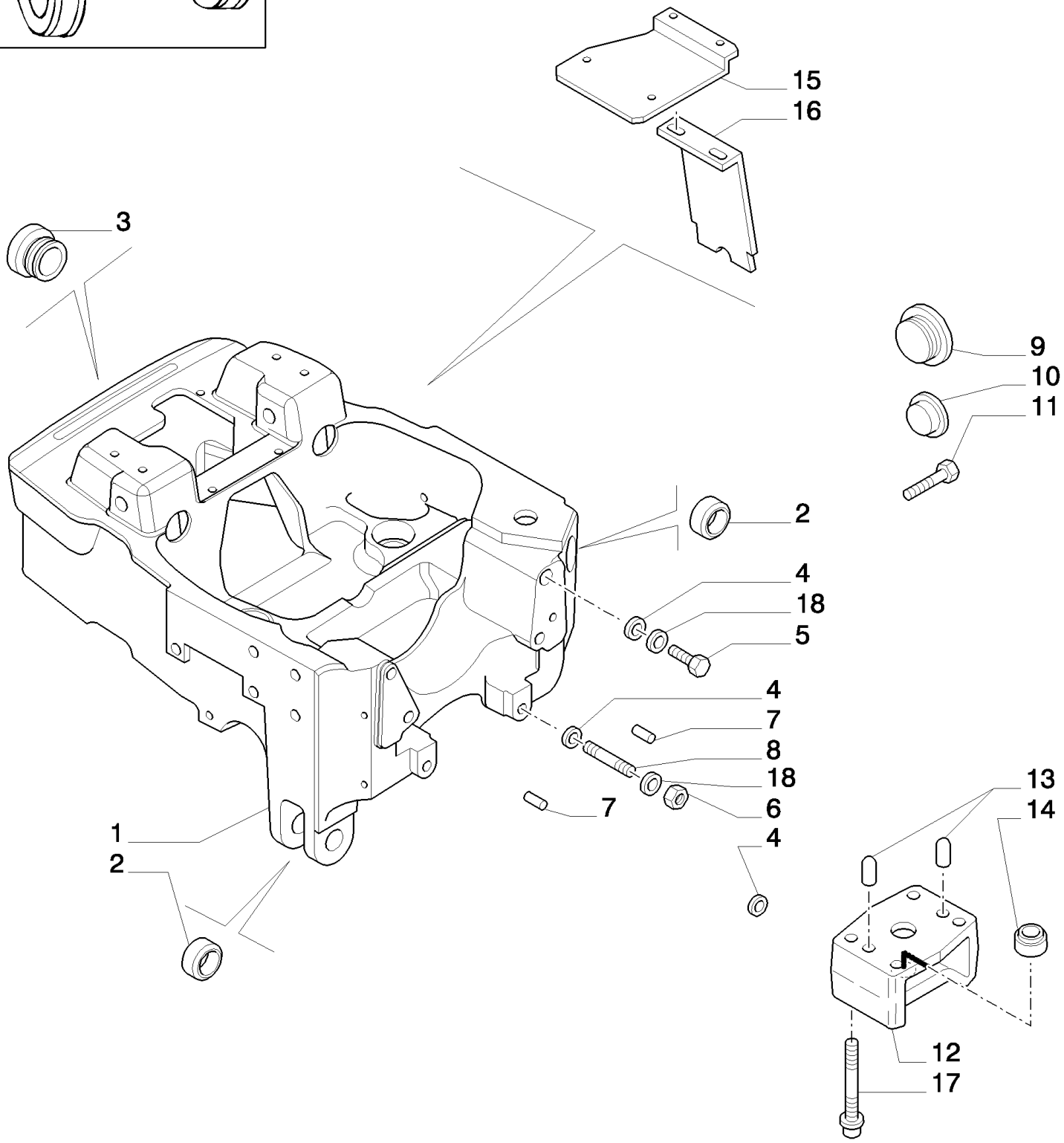


1.21.3/02(04) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - PIPES

Ref	Part Number	Qty	Description
1	82030129	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, BSN ACM259775
1	82032939	1	HOSE, TM175, TM190, BSN ACM259775
1	87313016	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, RAISE, ASN ACM259776
1	87312948	1	HOSE, FLEXIBLE, TM175, TM190, RAISE, ASN ACM259776
2	82030130	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, BSN ACM259775
2	82032992	1	HOSE, FLEXIBLE, TM175, TM190, BSN ACM259775
2	87313019	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, LOWER, ASN ACM259776
2	87312949	1	HOSE, FLEXIBLE, TM175, TM190, LOWER, ASN ACM259776
3	11107621	3	BOLT, Hex, M10 x 70, 8.8,
3	11107721	1	BOLT, Hex, M10 x 75, 8.8,
4	14496621	4	WASHER, M10 x 21 x 2,
5	82022172	8	CLAMP,
6	82035337	2	HOSE, FLEXIBLE,
7	82020398	1	HOSE, FLEXIBLE, FRONT DIFF. LOCK
8	9993141	4	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
9	9992298	2	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
10	82026192	1	SUPPORT,
11	82019177	1	HARNESS, WIRE, FRONT SUSPENSION JAMP LEAD

1.21.3/03(01) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - FRONT AXLE SUPPORT



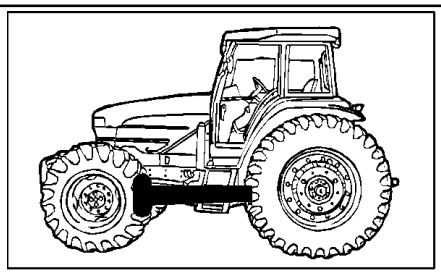


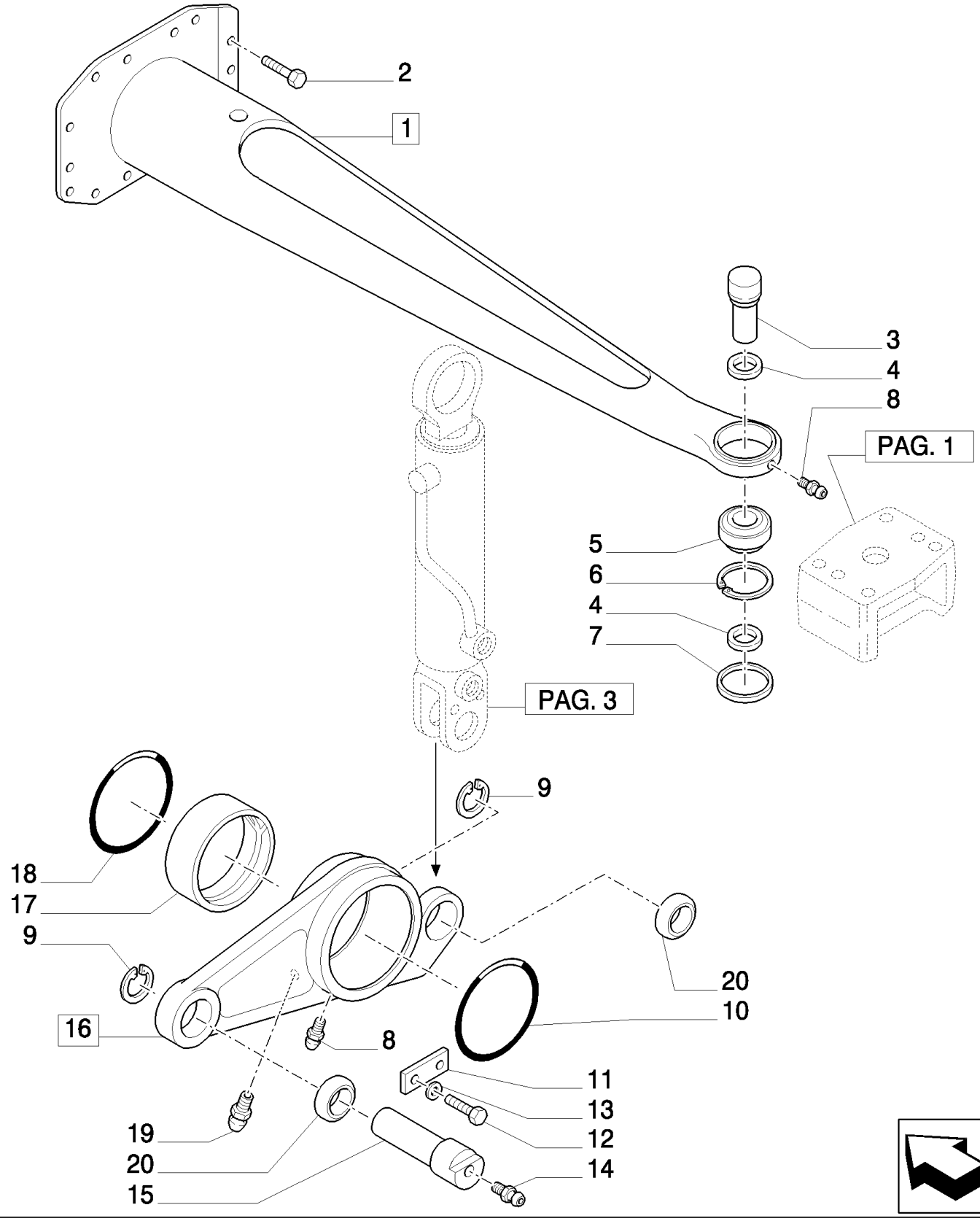
TM190 TRACTOR (6/02-) - Transmission

1.21.3/03(01) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - FRONT AXLE SUPPORT

Ref	Part Number	Qty	Description
1	82031500	1	SUPPORT,
2	82018767	2	WASHER, THRUST, 34X44X15,5
3	82023395	1	PLUG,
4	82026240	AR	SHIM, 4.5mm Thk (Yellow),
4	82026241	AR	SHIM, 4.8mm Thk (Green),
4	82026242	AR	SHIM, 5.1mm Thk (Red),
4	82026243	AR	SHIM, 5.4mm Thk (Blue),
4	82026244	AR	SHIM, 5.7mm Thk (White),
4	82026245	AR	SHIM, 6.0mm Thk (Black),
4	82026246	AR	SHIM, 6.3mm Thk (Pink),
4	82026247	AR	SHIM, 6.6mm Thk (Light Blue),
4	82026248	AR	SHIM, 6.9mm Thk (Gold),
4	82026249	AR	SHIM, 7.2mm Thk (Lime),
4	82026250	AR	SHIM, 7.5mm Thk (Orange),
4	82026251	AR	SHIM, 7.8mm Thk (Blue/Gray),
5	87310864	4	SCREW, M20x1.5x93
5	82019767	4	SCREW, Self-Locking, M20x1.5x90
6	82023393	2	NUT, 20X1,5
6	87312644	2	NUT, M20
7	82019765	2	PIN, DIA.20X50
8	87301870	2	STUD,
9	82032005	2	PLUG,
10	5175030	4	PLUG, 19X34X3
11	10979224	4	BOLT, Hex, M10 x 16, 8.8, Full Thd,
12	82030600	1	BRACKET,
13	82020394	2	PIN,
14	82020887	1	BUSHING,
15	82034530	1	GUARD,
16	82023235	1	GUARD,
17	82021017	4	SCREW, M20X2X150
18	82028022	6	WASHER,

1.21.3/03(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - ARM AND SUSPENSIONS

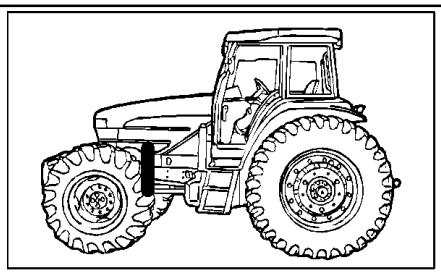




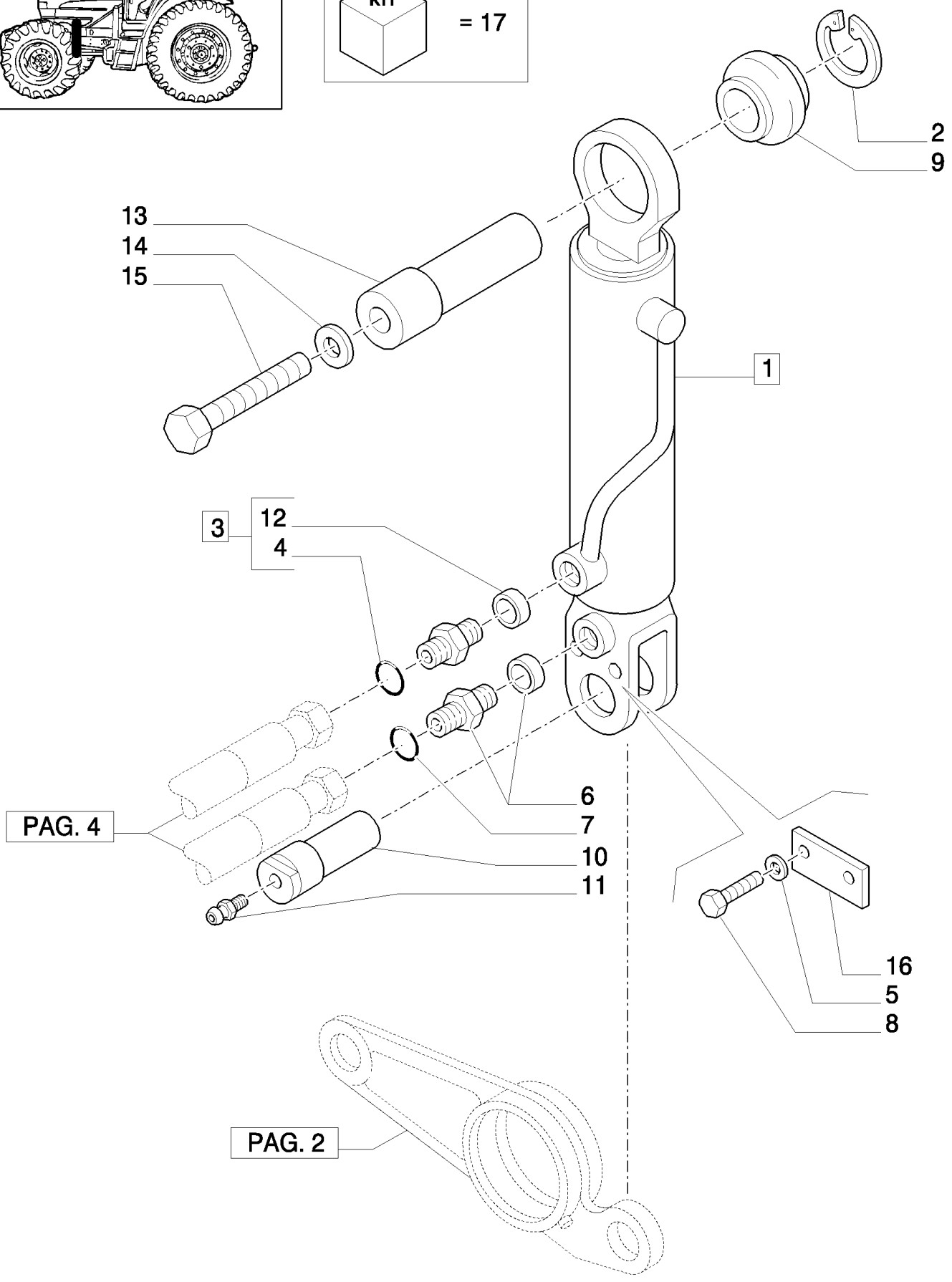
1.21.3/03(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - ARM AND SUSPENSIONS

Ref	Part Number	Qty	Description
1	82029904	1	ARM, SUPPORTING, Incl. Ref. 4,5,6,7,8
2	11254134	10	BOLT, Hex, M16 x 1.5 x 80, 10.9,
2	15835234	6	SCREW, Hex, M16 x 1.5 x 70, 10.9,
3	5193159	1	PIN,
4	5192794	2	GASKET, 62,5/65X80X5
5	5191875	1	BALL JOINT,
6	11062476	1	RING, SNAP, M90, Int,
7	5193160	1	O-RING, 80X90X6
8	13407211	2	NIPPLE, LUBE, M10 x 1,
9	370012	2	RING, SNAP, M62, Int,
10	14483180	1	O-RING, -369, 70 Duro, 7.976" ID x .210" Thk,
11	82016870	1	BRACKET,
12	43138	2	BOLT, Hex, M10 x 20, 8.8, Full Thd,
13	85700672	2	WASHER, D=10
14	87414	1	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
15	82030090	1	PIN,
16	82029901	1	ROD, Incl. Ref. 5,8,9,10,17,18,19
17	82020450	1	BUSHING,
18	14483280	1	O-RING, -370, 70 Duro, 8.224" ID x .210" Thk,
19	13411117	1	VALVE, PRESSURE RELIEF,
20	82016695	2	BEARING,

1.21.3/03(03) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - CYLINDER



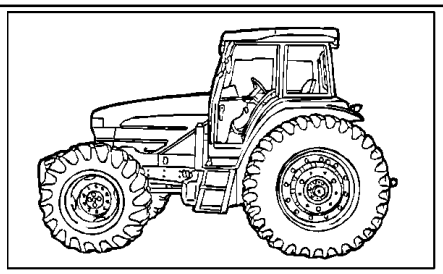
KIT = 17

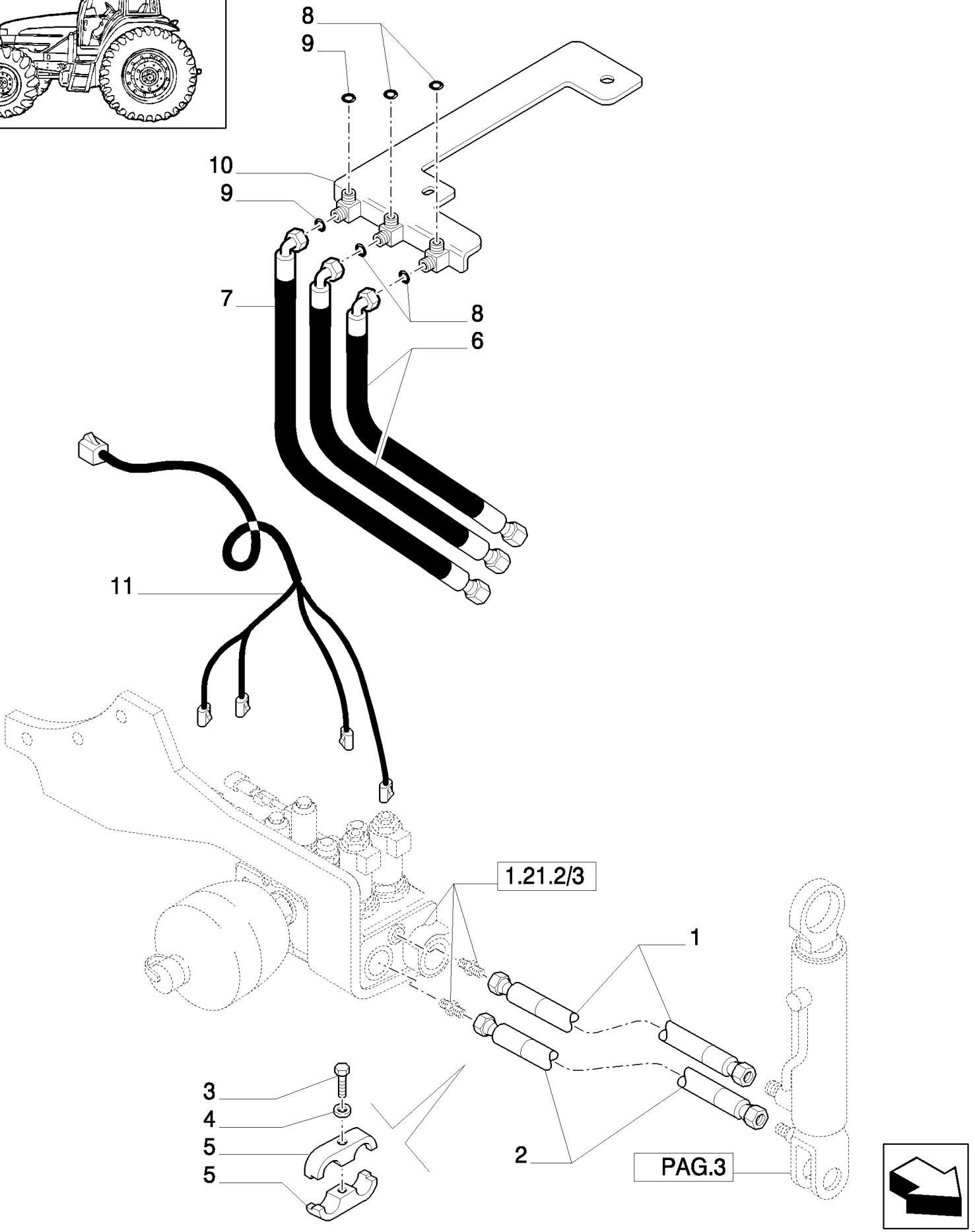


1.21.3/03(03) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - CYLINDER

Ref	Part Number	Qty	Description
1	47125430	1	HYDRAULIC CYLINDER, Incl. Ref. 2,3,4,5,6,7,8,9
2	370012	1	RING, SNAP, M62, Int,
3	82016498	1	CONNECTOR, HYD., 1"-14 UN-2A/M22X1,5
4	9992069	1	O-RING, -016, 90 Duro, .614" ID x .070" Thk,
5	85700672	2	WASHER,
6	82019639	1	CONNECTOR, HYD., 13/16"-12 UN-2A/M27 x 2
7	9991976	1	O-RING, -018, 90 Duro, .739" ID x .070" Thk,
8	43138	2	BOLT, Hex, M10 x 20, 8.8, Full Thd,
9	82016695	1	BEARING,
10	82030091	1	PIN,
11	87414	1	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
12	82016732	1	SEAL, 34,2X39,7X9,5
13	82030656	1	PIN,
14	83931520	1	WASHER, M8
15	F0NNP742AA	1	BOLT, M8X150
16	82016870	1	BRACKET,
17	47123025	1	KIT, SEALS,

1.21.3/03(04) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - PIPES

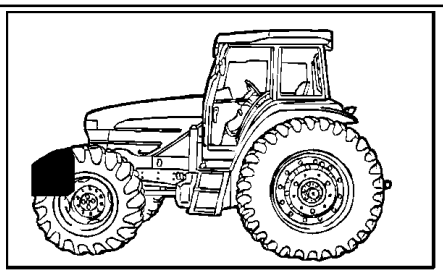


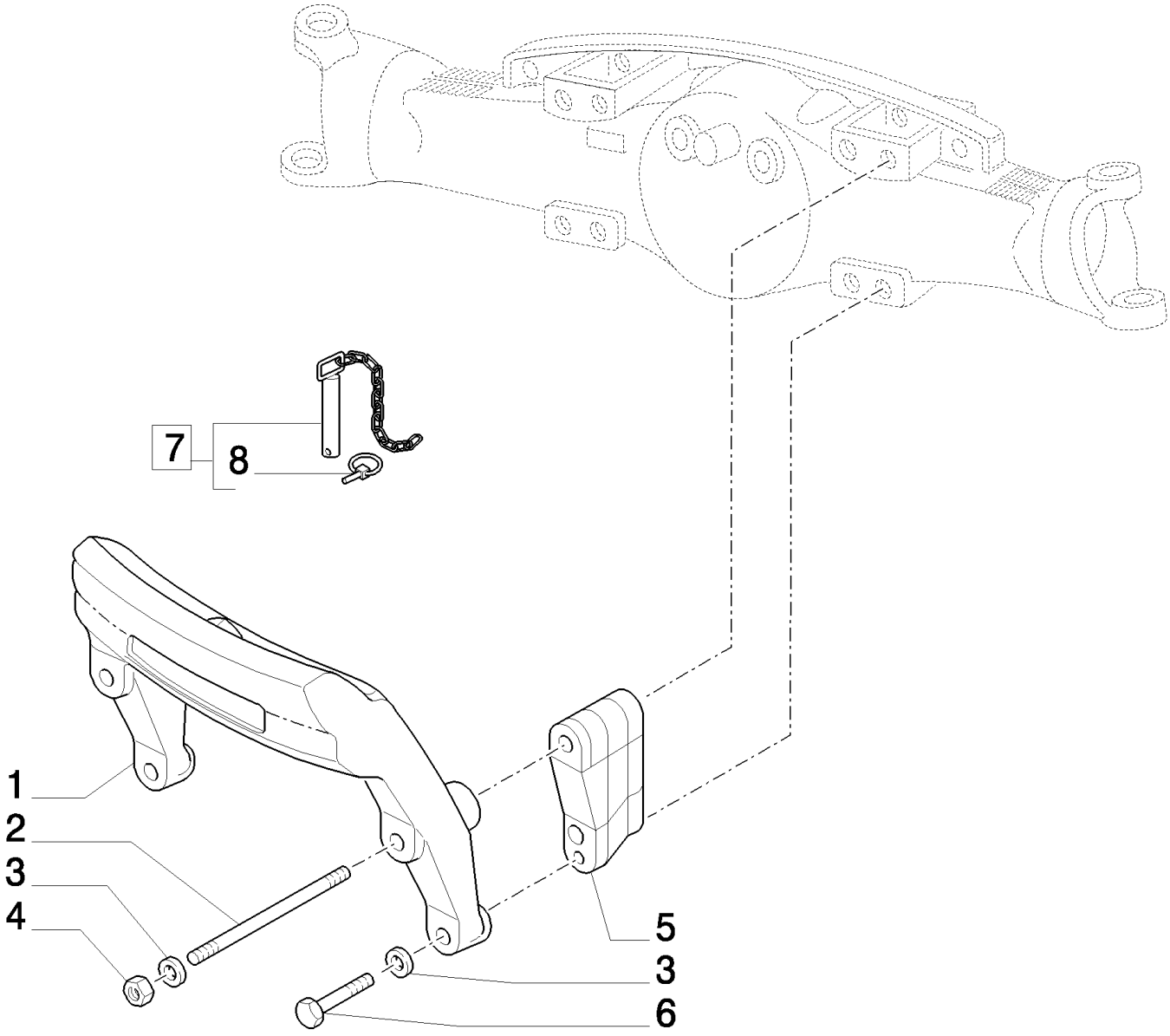


1.21.3/03(04) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - PIPES

Ref	Part Number	Qty	Description
1	82030129	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, BSN ACM259775
1	82030402	1	HOSE, FLEXIBLE, TM175, TM190, BSN ACM259775
1	87313016	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, RAISE, ASN ACM259776
1	87313016	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, RAISE, ASN ACM259776
2	82030130	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, BSN ACM259775
2	82030403	1	HOSE, FLEXIBLE, TM175, TM190, BSN ACM259775
2	87313019	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155, LOWER, ASN ACM259776
2	87312949	1	HOSE, FLEXIBLE, TM175, TM190, LOWER, ASN ACM259776
3	11107621	3	BOLT, Hex, M10 x 70, 8.8,
3	11107721	1	BOLT, Hex, M10 x 75, 8.8,
4	14496621	4	WASHER, M10 x 21 x 2,
5	82022172	8	CLAMP,
6	82035337	2	HOSE, FLEXIBLE,
7	82020398	1	HOSE, FLEXIBLE, FRONT DIFF. LOCK
8	9993141	4	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
9	9992298	2	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
10	82026192	1	SUPPORT,
11	82019177	1	HARNESS, WIRE, FRONT SUSPENSION JAMP LEAD

1.21.5 (VAR.022) BALLAST WEIGHT SUPPORT FOR "SUPER STEER" FRONT AXLE

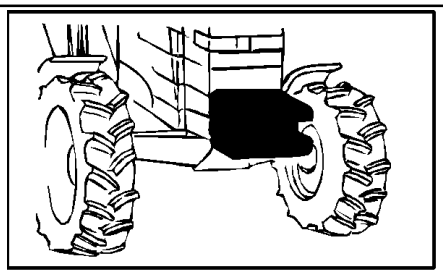


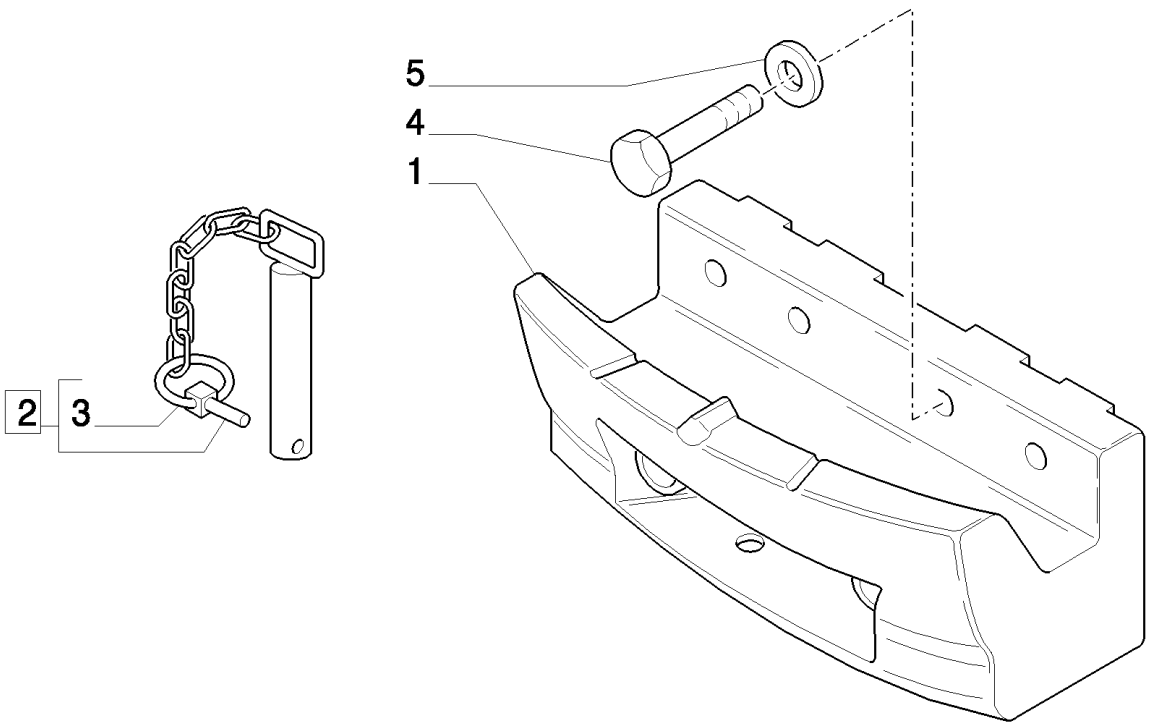


1.21.5 (VAR.022) BALLAST WEIGHT SUPPORT FOR "SUPER STEER" FRONT AXLE

Ref	Part Number	Qty	Description
1	82016366	1	SUPPORT,
2	82019968	2	SCREW, M24X2
3	11200674	4	WASHER, LOCK, 24X46X6,2
4	15501821	2	NUT, M24 x 2,
5	82016138	2	SUPPORT,
6	15206031	2	BOLT, Hex, M24 x 110, 10.9,
6	14376974	2	SCREW, Hex Soc Hd, M24 x 220, 12.9, , If item 5 is used.
7	82012484	1	PIN,
8	81810439	1	PIN, LOCK,

1.21.5/01 (VAR.023) FRONT WEIGHT CARRIER FOR FAN STYLED WEIGHTS

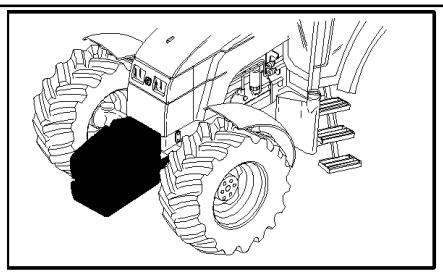


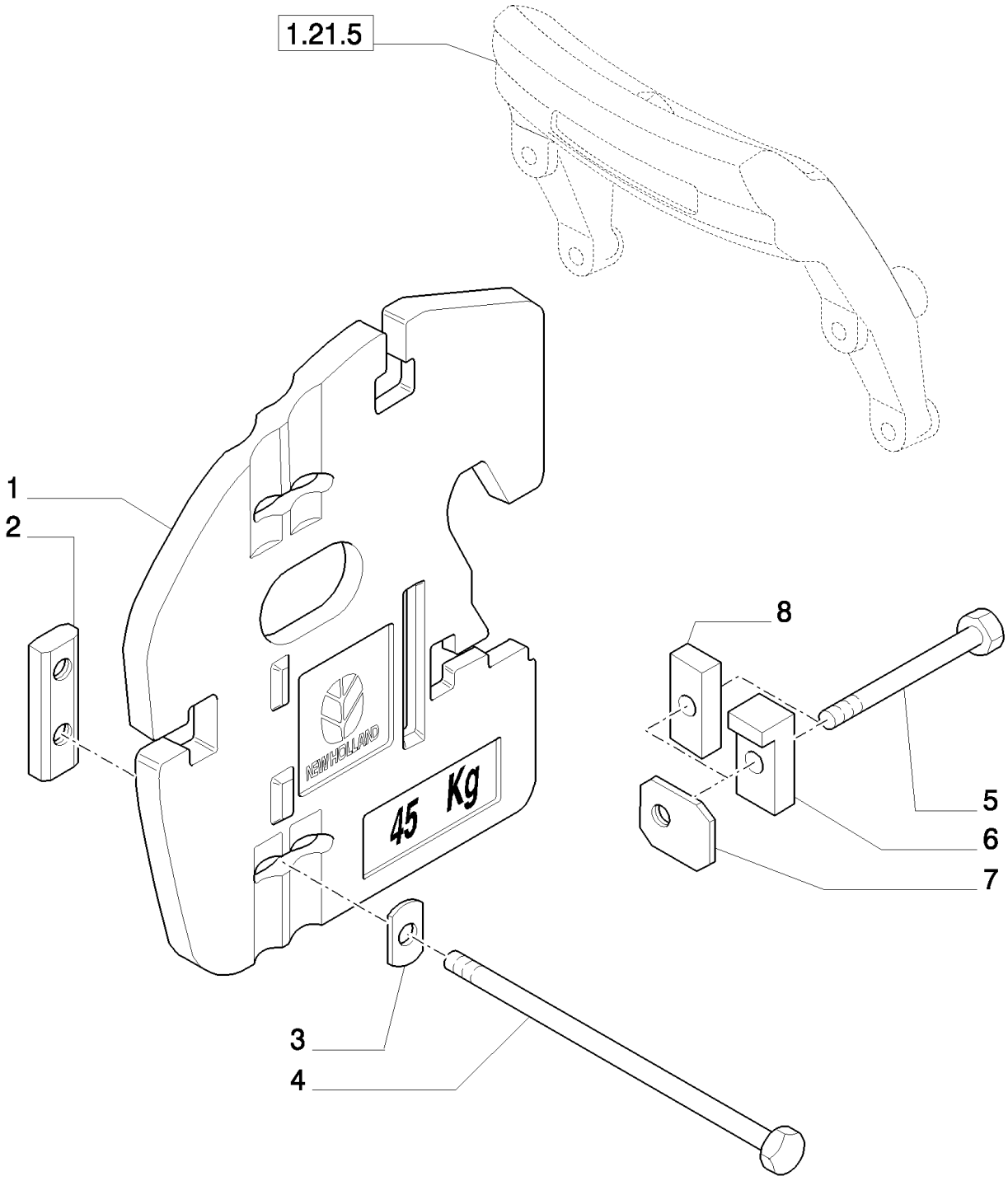


1.21.5/01 (VAR.023) FRONT WEIGHT CARRIER FOR FAN STYLED WEIGHTS

Ref	Part Number	Qty	Description
1	82029908	1	CARRIER, WEIGHTS,
2	82012484	1	PIN,
3	81810439	1	PIN, LOCK,
4	11125337	6	BOLT, Hex, M20 x 80, 10.9,
5	14497101	6	WASHER, M20 x 37 x 3,

1.21.5/03 (VAR.036-038) WEIGHT CARRIER

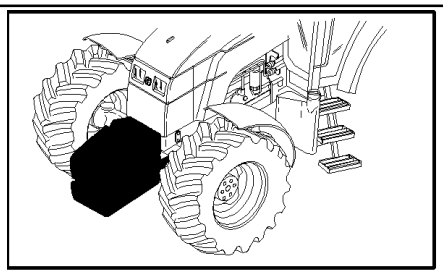


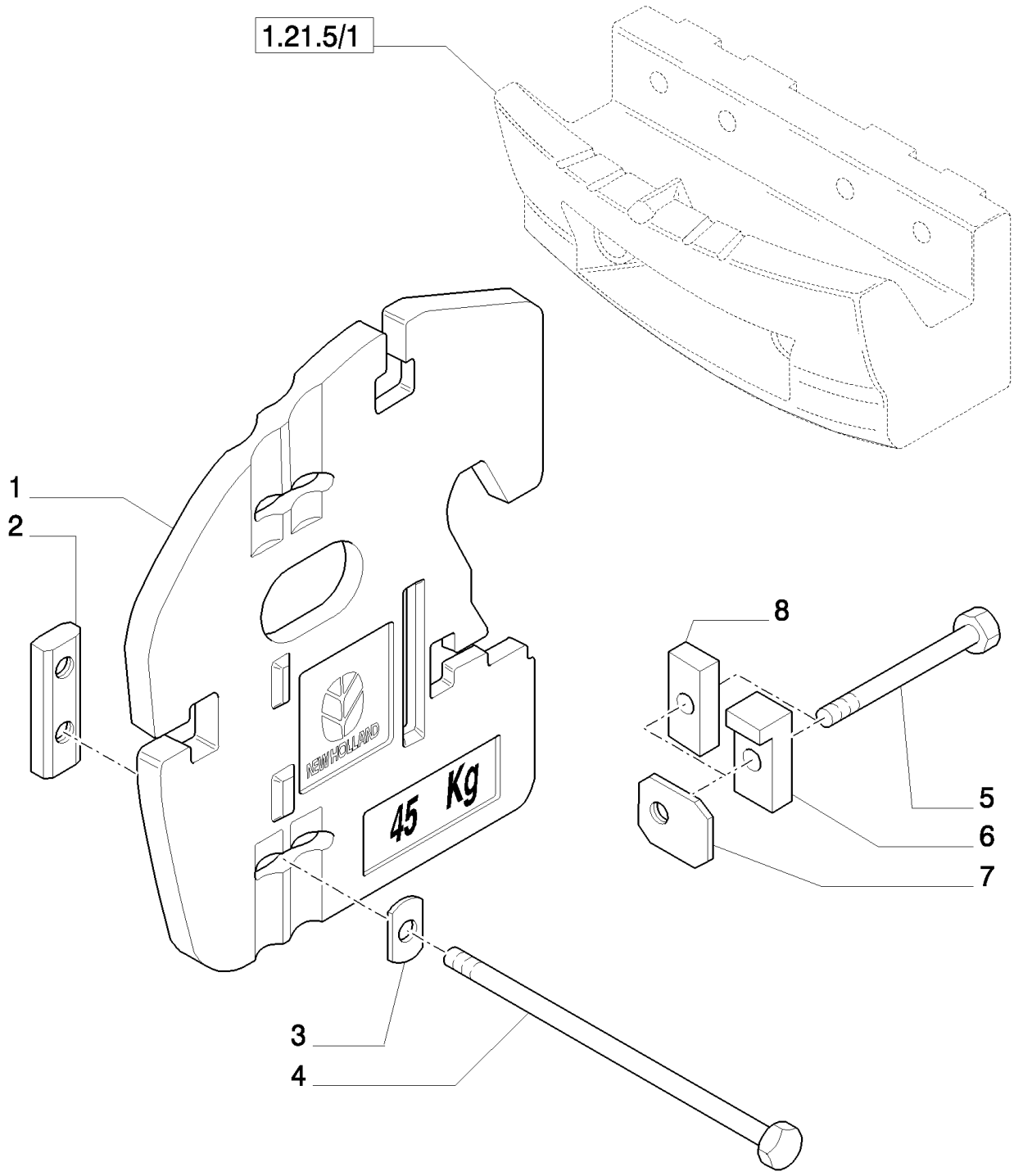


1.21.5/03 (VAR.036-038) WEIGHT CARRIER

Ref	Part Number	Qty	Description
1	82011619	AR	WEIGHT, 45KG./99LB
2	9842376	4	NUT,
3	9842375	4	WASHER,
4	N801776S36	4	BOLT, HH, M16 x 20 x 285 (EQUIP.036)
4	N801777S36	4	BOLT, HH, M16 x 20 x 470, (EQUIP.038)
5	16051121	2	BOLT, Hex, M16 x 160, 8.8,
6	82012443	2	SUPPORT, , BSN ACP245552
7	86018009	2	NUT,
8	87302102	2	PLATE, , ASN ACP245553

1.21.5/04 (VAR.037-039) WEIGHT CARRIER

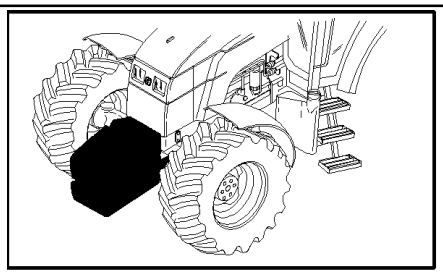


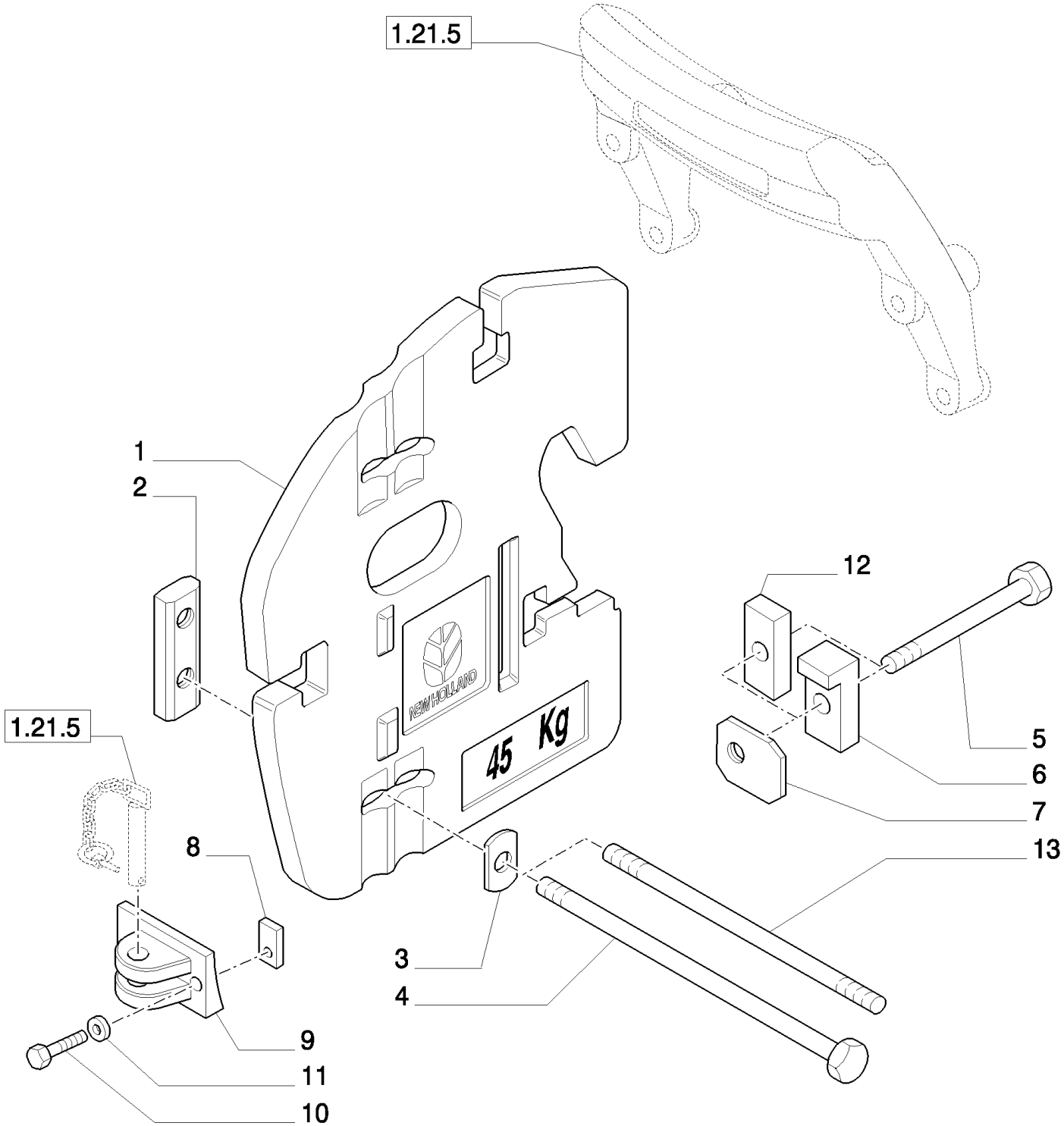


1.21.5/04 (VAR.037-039) WEIGHT CARRIER

Ref	Part Number	Qty	Description
1	82011619	AR	WEIGHT, 45KG./99LB
2	9842376	4	NUT,
3	9842375	4	WASHER,
4	N801776S36	4	BOLT, HH, M16X285 (EQUIP.037)
4	N801777S36	4	BOLT, HH, M16X20X470 (EQUIP.039)
5	16051121	2	BOLT, Hex, M16 x 160, 8.8,
6	82012443	2	SUPPORT, , BSN ACP245552
7	86018009	2	NUT,
8	87302102	2	PLATE, , ASN ACP245553

1.21.5/06 (VAR.065-067) WEIGHT CARRIER - WITH HOOK

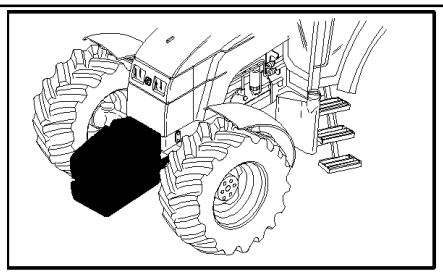


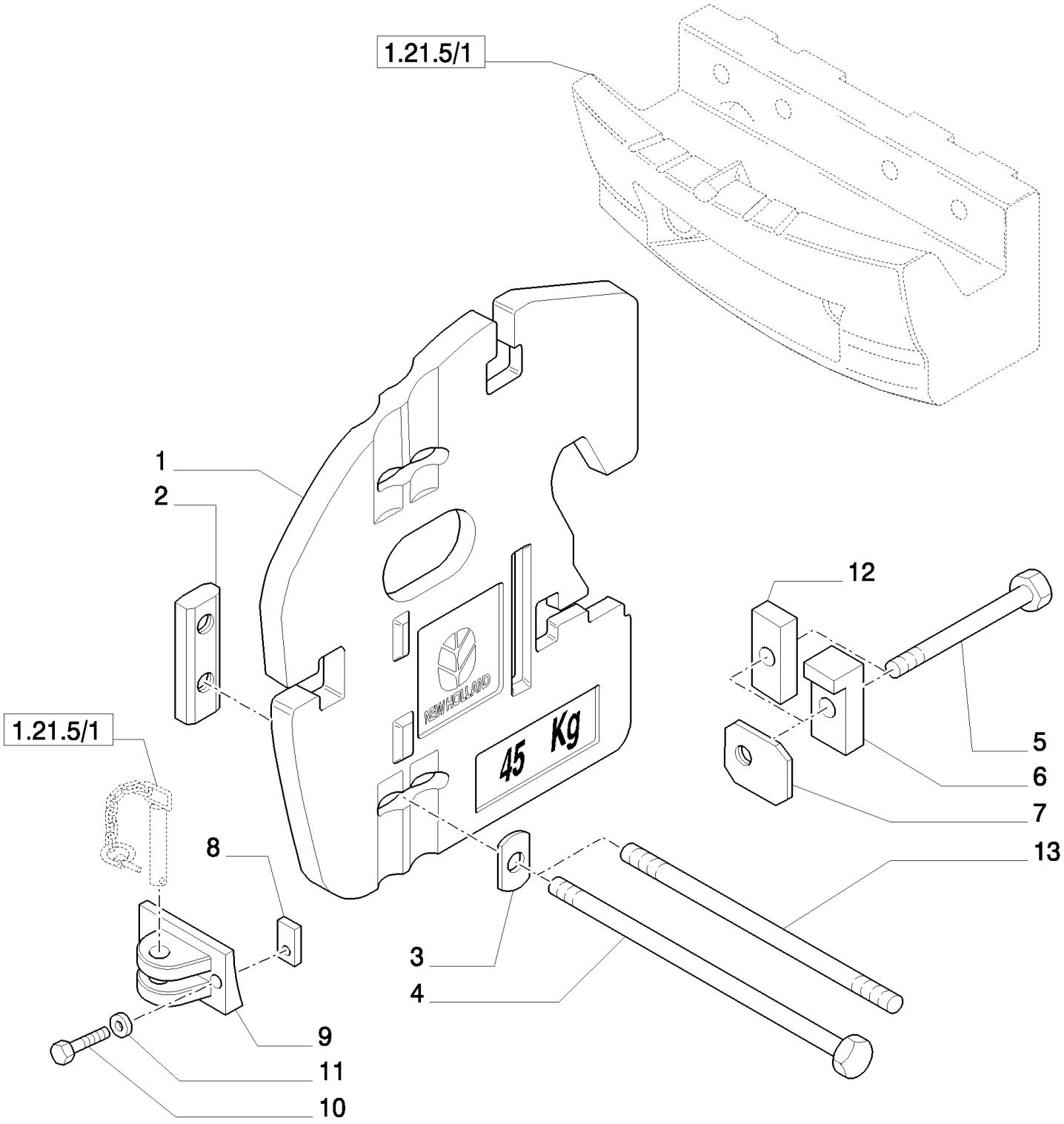


1.21.5/06 (VAR.065-067) WEIGHT CARRIER - WITH HOOK

Ref	Part Number	Qty	Description
1	82011619	AR	WEIGHT, 45KG./99LB
2	9842376	4	NUT,
3	9842375	4	WASHER,
4	N801776S36	4	BOLT, HH, M16X285 (EQUIP.065)
4	N801777S36	4	BOLT, HH, M16X470 (EQUIP.067)
5	16051121	2	BOLT, Hex, M16 x 160, 8.8,
6	82012443	2	SUPPORT, , BSN ACP245552
7	86018009	2	NUT,
8	82012444	2	PLATE,
9	82021241	1	YOKE,
10	15206021	2	BOLT, Hex, M24 x 110, 8.8,
11	14497321	2	WASHER,
12	87302102	2	PLATE, , ASN ACP245553
13	87332274	2	STUD, M16X2X185 (EQUIP.065-067)

1.21.5/07 (VAR.066-068) WEIGHT CARRIER - WITH HOOK

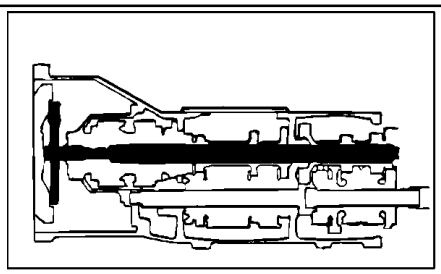


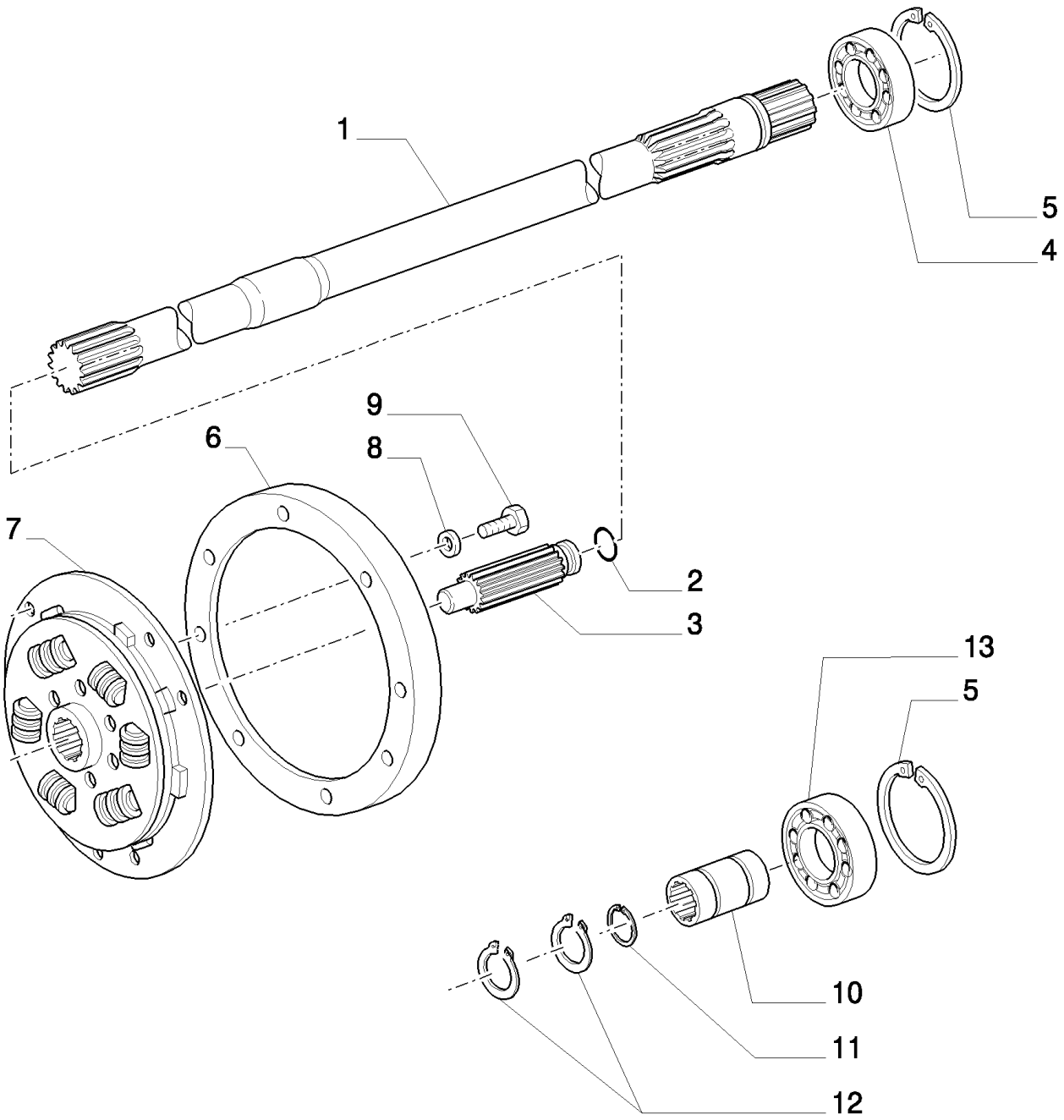


1.21.5/07 (VAR.066-068) WEIGHT CARRIER - WITH HOOK

Ref	Part Number	Qty	Description
1	82011619	AR	WEIGHT, 45KG./99LB
2	9842376	4	NUT,
3	9842375	4	WASHER,
4	N801776S36	4	BOLT, HH, M16X285 (EQUIP.066)
4	N801777S36	4	BOLT, HH, M16X470 (EQUIP.068)
5	16051121	2	BOLT, Hex, M16 x 160, 8.8,
6	82012443	2	SUPPORT, , BSN ACP245552
7	86018009	2	NUT,
8	82012444	2	PLATE,
9	82021241	1	YOKE,
10	15206021	2	BOLT, Hex, M24 x 110, 8.8,
11	14497321	2	WASHER,
12	87302102	2	PLATE, , ASN ACP245553
13	87332274	2	STUD, M16X2X185 (EQUIP.066-068)

1.25.3/02 CLUTCH, PTO





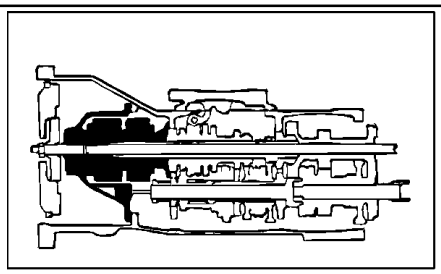
W/full power shift trans.

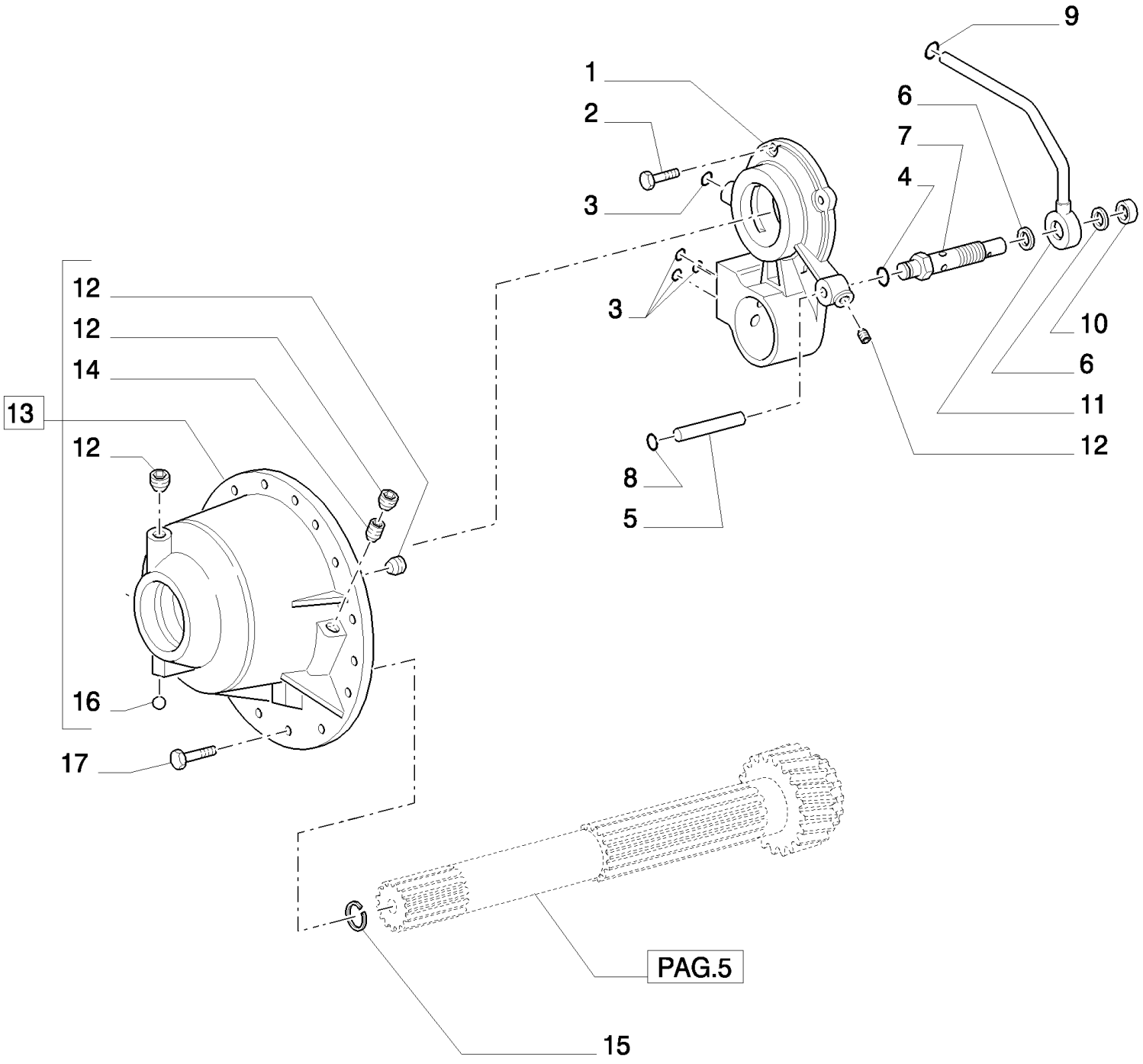
1.25.3/02 CLUTCH, PTO

Ref	Part Number	Qty	Description
1	5197516	1	SHAFT, PTO
2	14463381	1	O-RING, -215, Cl 7, 1.046" ID x .139" Thk,
3	5185497	1	SHAFT,
4	5188843	1	BEARING, BALL, 40X90X23
5	11062476	3	RING, SNAP, M90, Int,
6	47125891	1	FLYWHEEL, ENGINE,
7	87302871	1	DAMPER,
8	11198673	8	WASHER, LOCK, M12
9	16208430	8	BOLT, Hex, M12 x 65,
10	5195206	1	SLEEVE,
11	11058676	1	RING, SNAP, M28, Int,
12	11069376	2	RING, SNAP, M50, Ext,
13	26794660	1	BEARING, BALL, 50X90X20

W/full power shift trans.

1.28.7/01(01) CLUTCH ENGAGEMENT



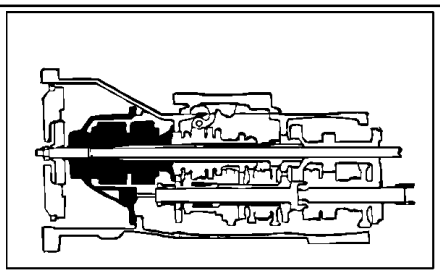


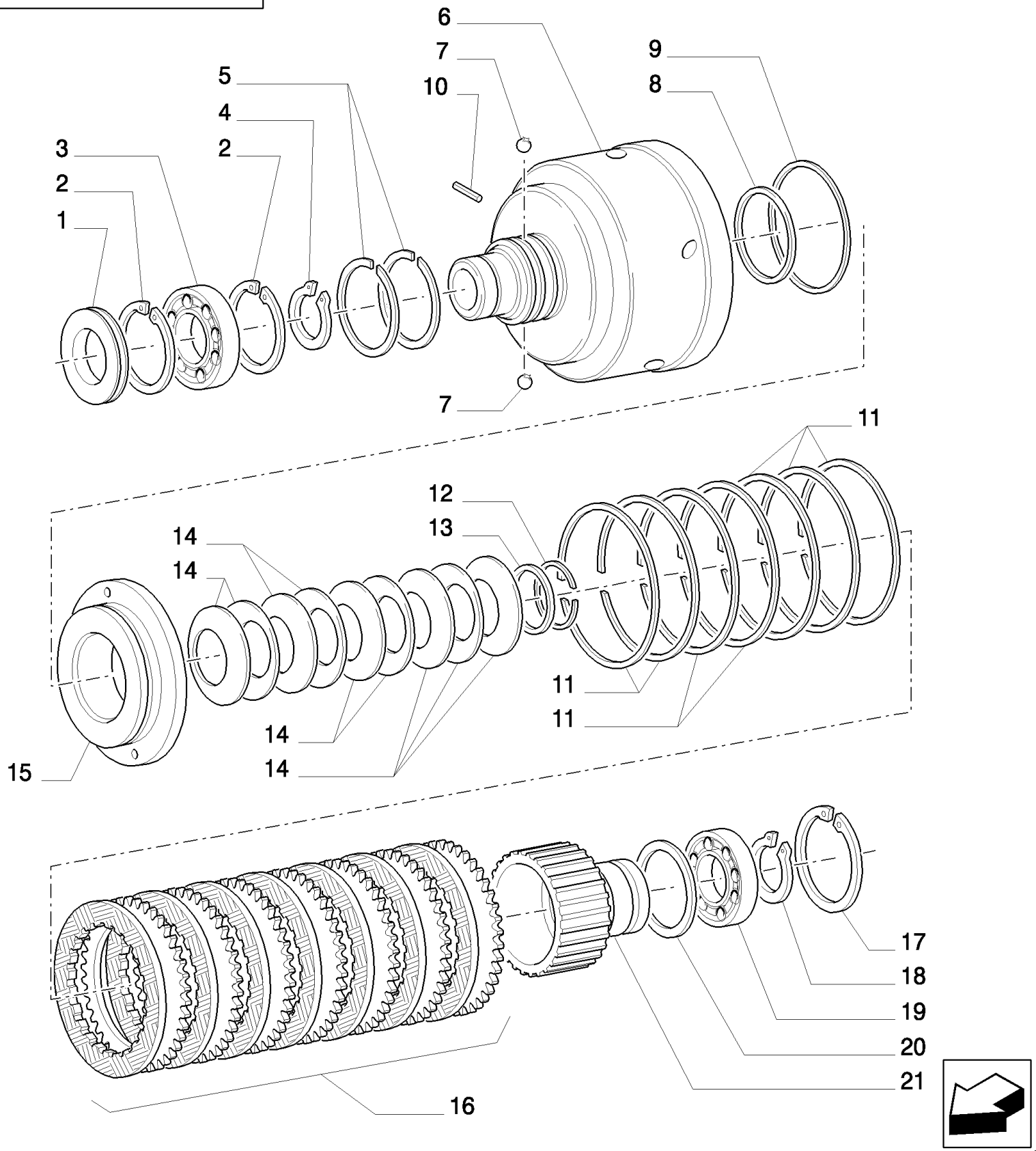
TM190 TRACTOR (6/02-) - Transmission

1.28.7/01(01) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	5183139	1	MANIFOLD, Incl. Ref. 12
2	16043624	4	BOLT, Hex, M8 x 25, 8.8, Full Thd,
3	14457081	4	O-RING, -112, Cl 7, .487" ID x .103" Thk,
4	5135738	1	O-RING, -115, Cl 9, .674" ID x .103" Thk,
5	5178212	1	TUBE,
6	10261860	2	WASHER, COPPER, M22.3 x 30 x 1.5, Copper,
7	5183121	1	CONNECTOR, HYD.,
8	14457281	2	O-RING, -114, Cl 7, .612" ID x .103" Thk,
9	5172342	1	O-RING,
10	5164984	1	SPACER,
11	5186710	1	TUBE,
12	10275501	5	PLUG,
13	5183126	1	COVER,
14	5183149	1	THROAT, M12X12
15	5185502	1	O-RING,
16	20063460	1	BALL,
17	16043924	10	BOLT, Hex, M8 x 35, 8.8, Full Thd,

1.28.7/01(02) CLUTCH ENGAGEMENT

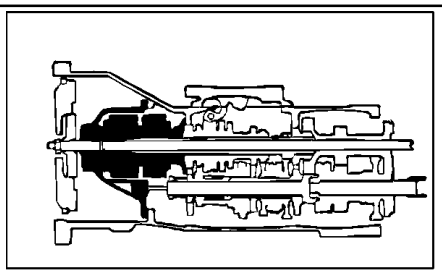


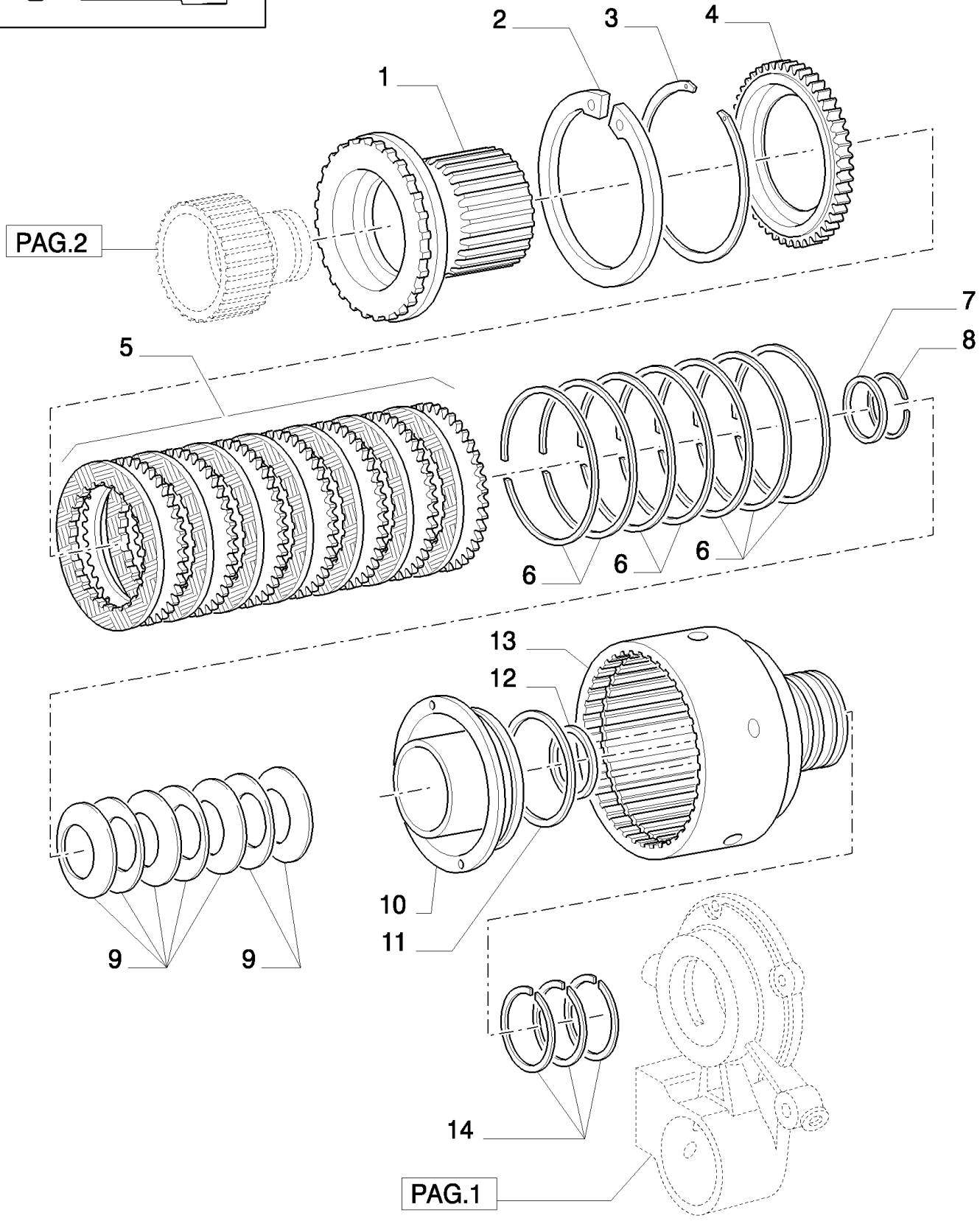


1.28.7/01(02) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	5122845	1	SEAL, 55X90X10
2	11062476	2	RING, SNAP, M90, Int,
3	5122846	1	BEARING, BALL, 55X90X18
4	11069576	1	RING, SNAP, M55, Ext,
5	5131232	2	SEALRING,
6	5195928	1	HUB, Incl. Ref. 7,10
7	20063460	2	BALL,
8	5160154	1	GASKET,
9	5172235	1	GASKET,
10	14158470	1	PIN, LOCK, M2 x 10, Slotted,
11	5166536	7	SPRING,
12	5162253	1	RING, LOCKING, D=68
13	5162263	1	RETAINER CUP,
14	5162331	9	SPRING,
15	5171872	1	CLUTCH, PLATE,
16	5172227	1	KIT, CLUTCH PLATES
17	11062976	1	RING, SNAP, Int, M100 x 3,
18	11070376	1	RING, SNAP, M70, Ext,
19	5162399	1	BEARING, BALL, 70X100X16
20	5169098	1	WASHER,
21	5171870	1	HUB,

1.28.7/01(03) CLUTCH ENGAGEMENT



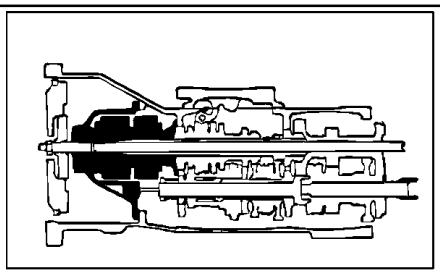


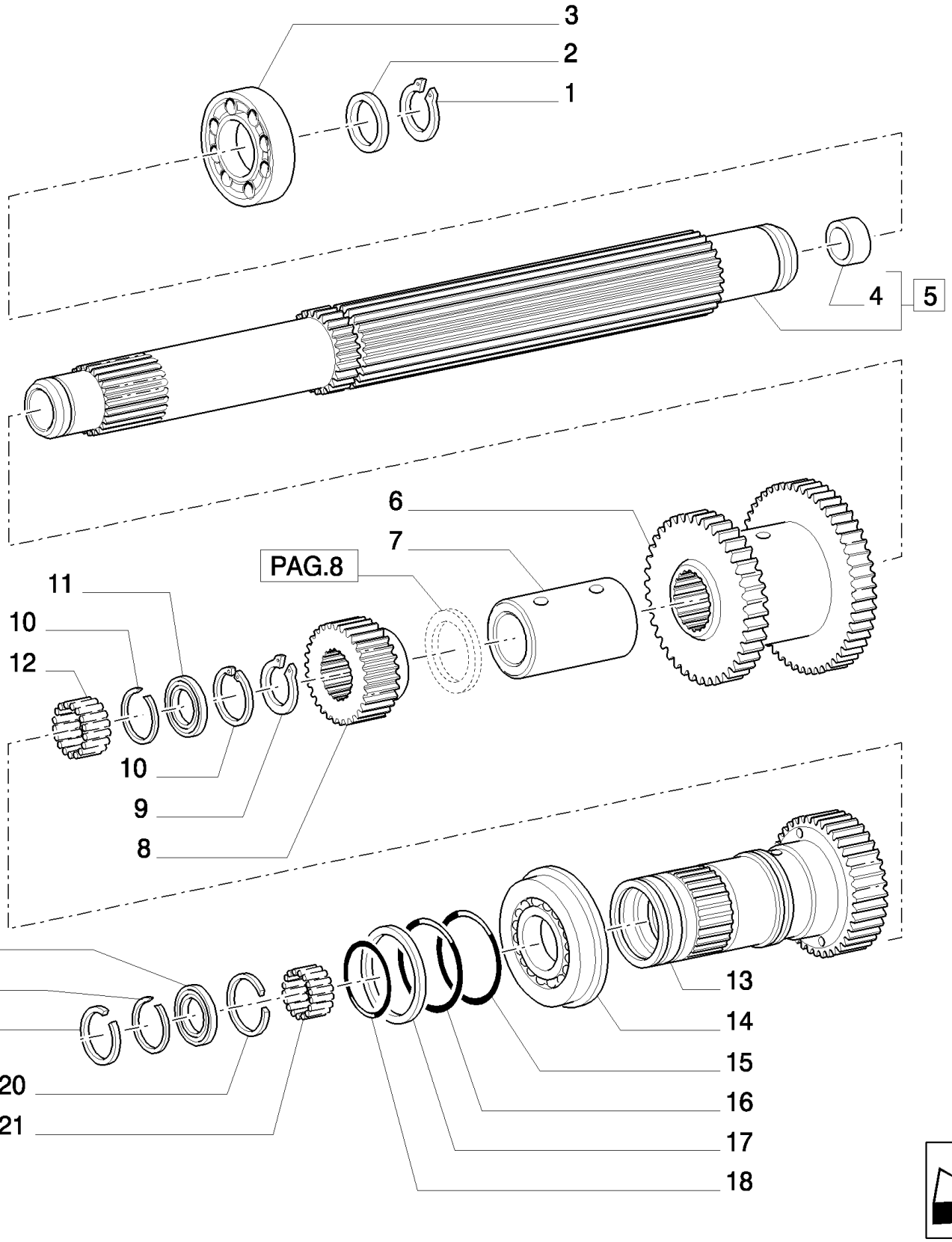
TM190 TRACTOR (6/02-) - Transmission

1.28.7/01(03) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	5171871	1	HUB,
2	11078676	1	RING, SNAP, M175, Int,
3	5122844	1	RING, LOCKING,
4	5122821	1	DISC,
5	5172227	1	KIT, CLUTCH PLATES
6	5166536	7	SPRING,
7	5162263	1	RETAINER CUP,
8	5162253	2	RING, LOCKING, D=68
9	5162331	7	SPRING,
10	5171873	1	CLUTCH, PLATE,
11	5172235	1	GASKET,
12	5160154	1	GASKET,
13	5179509	1	HOUSING,
14	5131232	3	SEALRING,

1.28.7/01(04) CLUTCH ENGAGEMENT



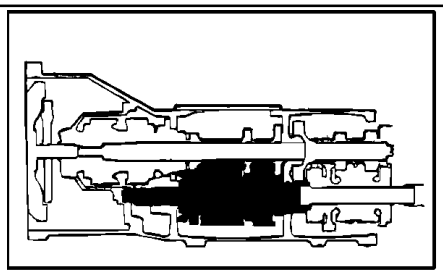


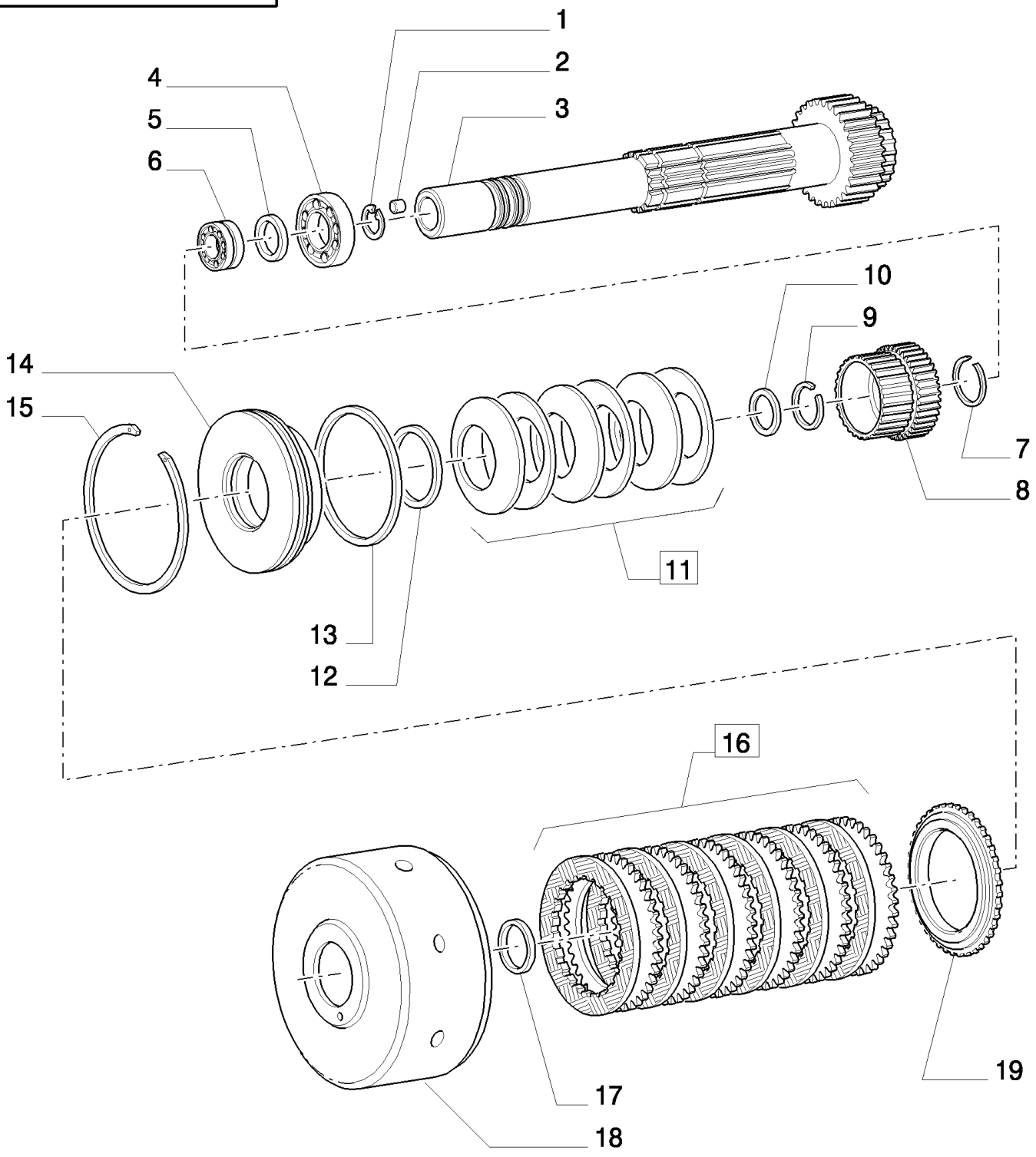
TM190 TRACTOR (6/02-) - Transmission

1.28.7/01(04) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	5138419	1	RING, SNAP,
2	5144962	1	WASHER, THRUST,
3	5125453	1	BEARING, BALL,
4	5107725	1	BUSHING, 50X110X27
5	5183123	1	SHAFT, MAIN,
6	5183132	1	GEAR, III-IV-V-VI SPEED
7	5183725	1	SPACER,
8	5183130	1	GEAR, I SPEED
9	5134792	1	RING, LOCKING,
10	5142178	6	RING, LOCKING,
11	5162255	2	GASKET, 50X58X4
12	5162256	1	BEARING, NEEDLE, 50X58X25
13	5183144	1	GEAR, II SPEED
14	28996390	1	BEARING,
15	14460680	1	O-RING, -148, 90 Duro, 2.737" ID x .103" Thk,
16	14464980	1	O-RING, -231, 70 Duro, 2.609" ID x .139" Thk,
17	5162361	1	RING,
18	14455480	1	O-RING, -037, 70 Duro, 2.489" ID x .070" Thk,
19	5162248	1	RING, LOCKING,
20	5149933	1	RING, LOCKING,
21	5162254	1	BEARING, NEEDLE, 50X55X20

1.28.7/01(05) CLUTCH ENGAGEMENT

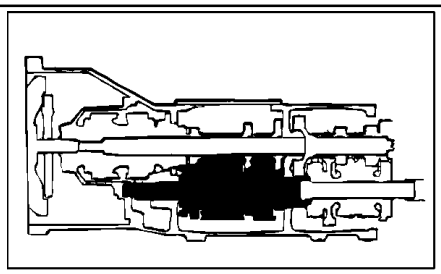


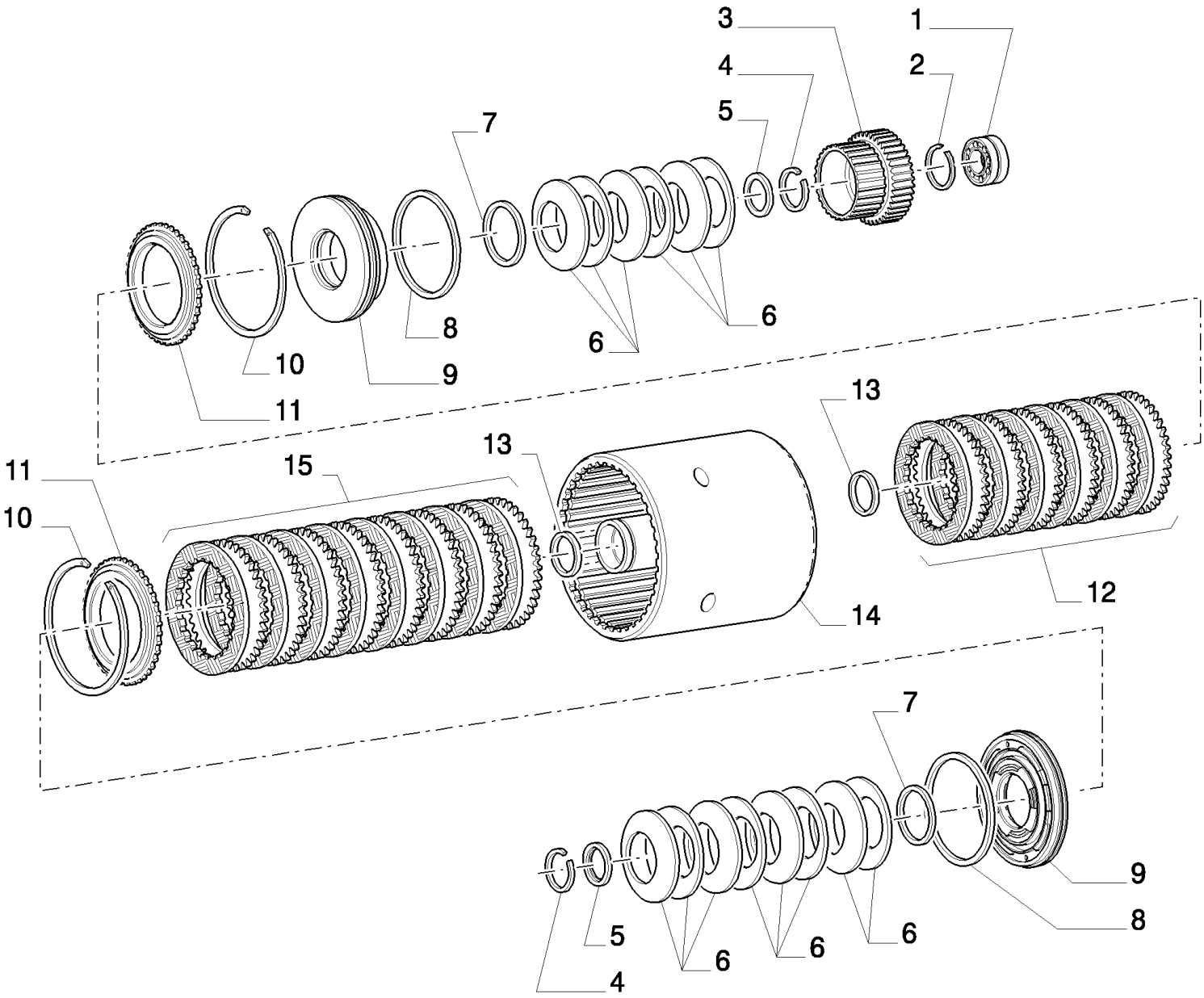


1.28.7/01(05) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	11059076	1	RING, SNAP, M32, Int,
2	5162260	3	PLUG,
3	5183138	1	SHAFT,
4	5138418	1	BEARING, ROLLER, TAPERED, 50X110X29,2
5	5162261	1	SPACER,
6	5162622	1	BEARING, BALL, 50X80X32
7	5162623	1	RING,
8	5183151	1	GEAR, V-VI SPEED
9	5175981	1	RING, LOCKING,
10	5164928	1	RING,
11	5164927	6	SPRING,
12	5164926	1	RING,
13	5138955	1	O-RING,
14	5187977	1	PISTON,
15	5162251	1	RING, LOCKING,
16	5167875	1	KIT,
17	5162252	1	GASKET,
18	5183110	1	HOUSING,
19	5167824	1	DISC,

1.28.7/01(06) CLUTCH ENGAGEMENT

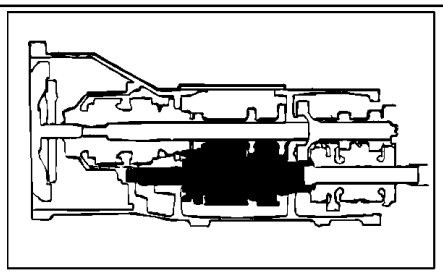


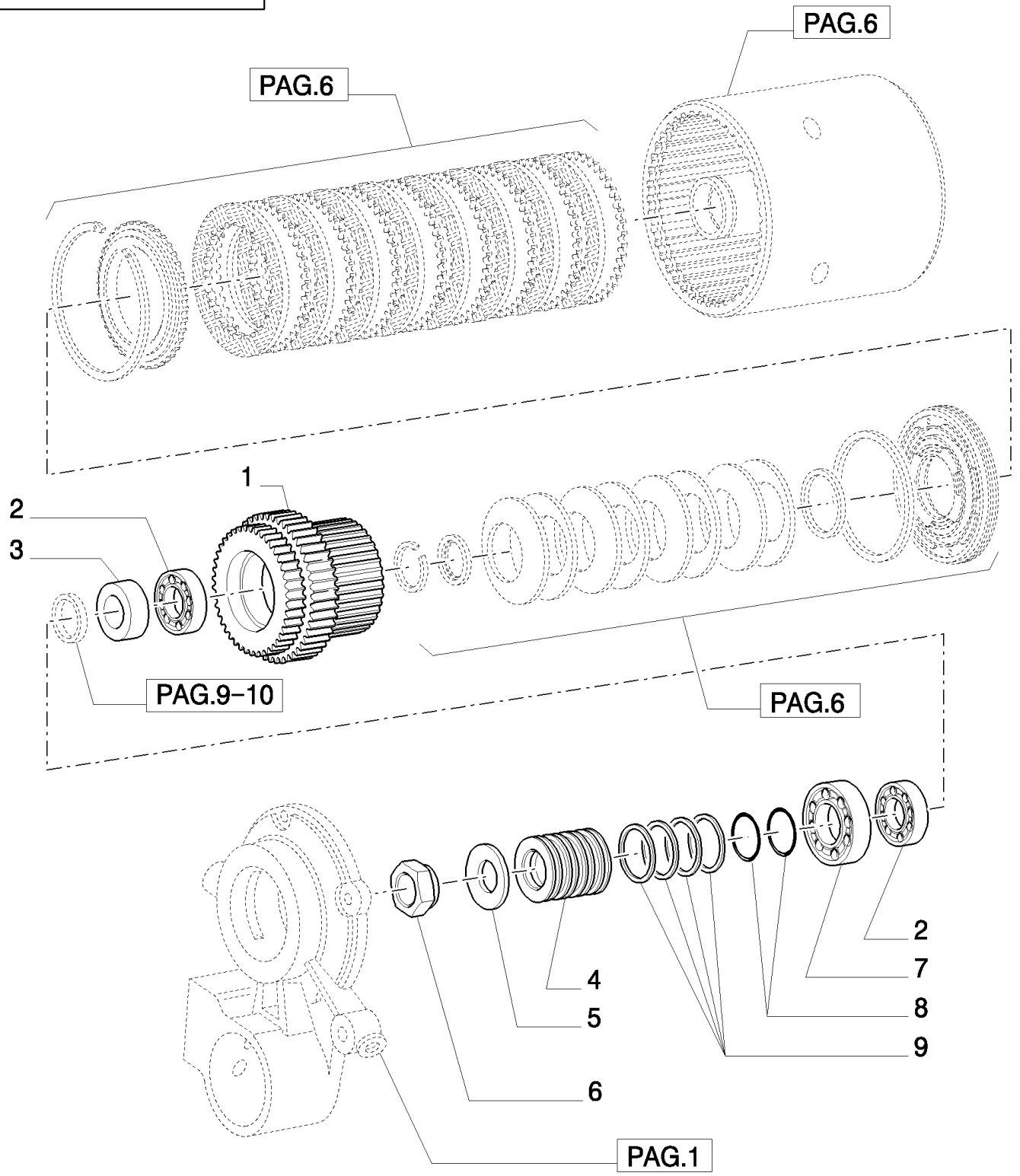


1.28.7/01(06) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	5162622	1	BEARING, BALL, 50X80X32
2	5162623	1	RING,
3	5183136	1	GEAR, III IV SPEED
4	5175981	2	RING, LOCKING,
5	5164928	2	RING,
6	5164927	14	SPRING,
7	5164926	2	RING,
8	5138955	2	O-RING,
9	5187977	2	PISTON,
10	5162251	2	RING, LOCKING,
11	5167824	2	DISC,
12	5167875	1	KIT, CLUTCH PLATES
13	5162252	2	GASKET,
14	5167835	1	HOUSING,
15	5165058	1	KIT, CLUTCH PLATES

1.28.7/01(07) CLUTCH ENGAGEMENT

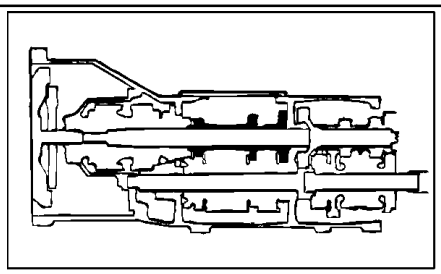


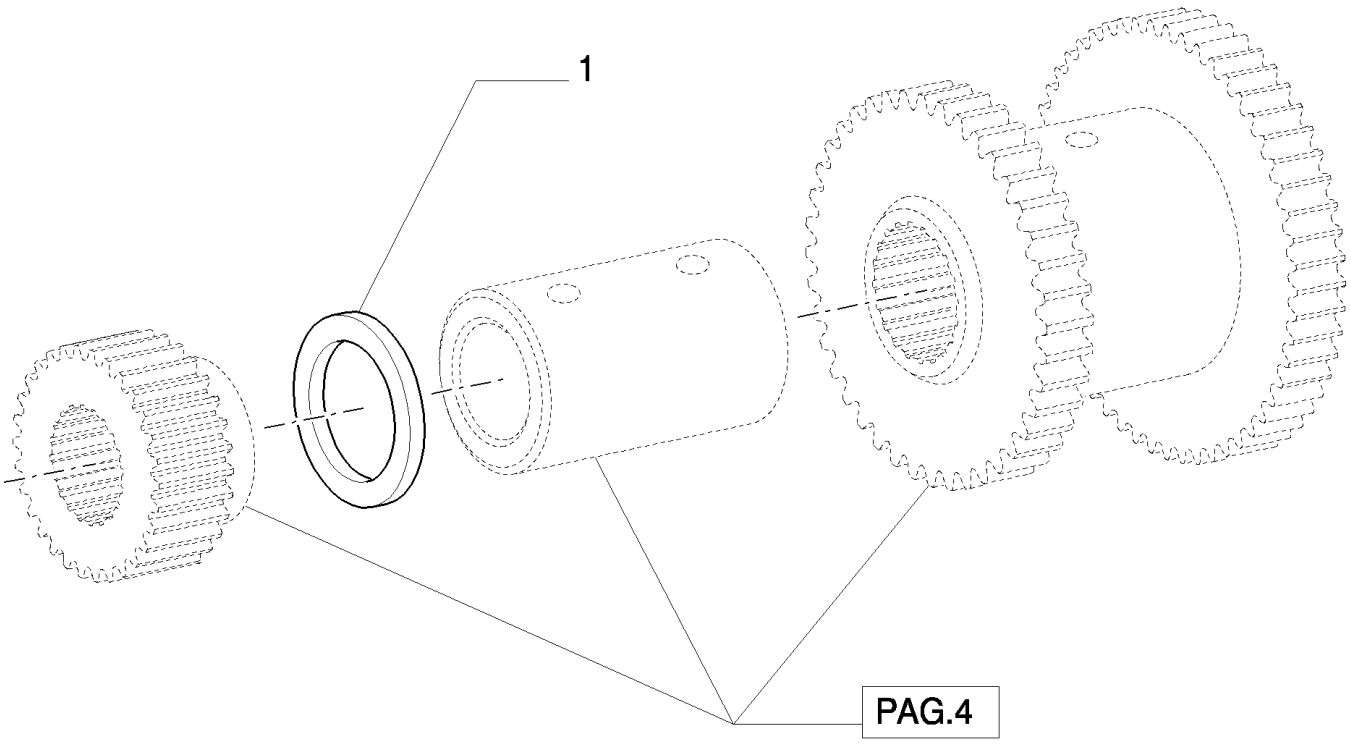


1.28.7/01(07) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	5183143	1	GEAR, I - II SPEED
2	24903820	2	BEARING ASSY, 45X75X20
3	5183113	1	SPACER,
4	5187957	1	SLEEVE,
5	5166037	1	SPRING,
6	5147930	1	NUT, RING,
7	5150900	1	BEARING, ROLLER,
8	14454781	2	O-RING, -030, Cl 7, 1.614" ID x .070" Thk,
9	83911795	4	SEAL,

1.28.7/01(08) CLUTCH ENGAGEMENT

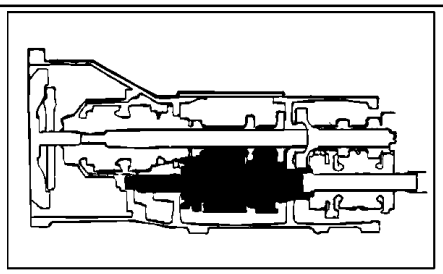


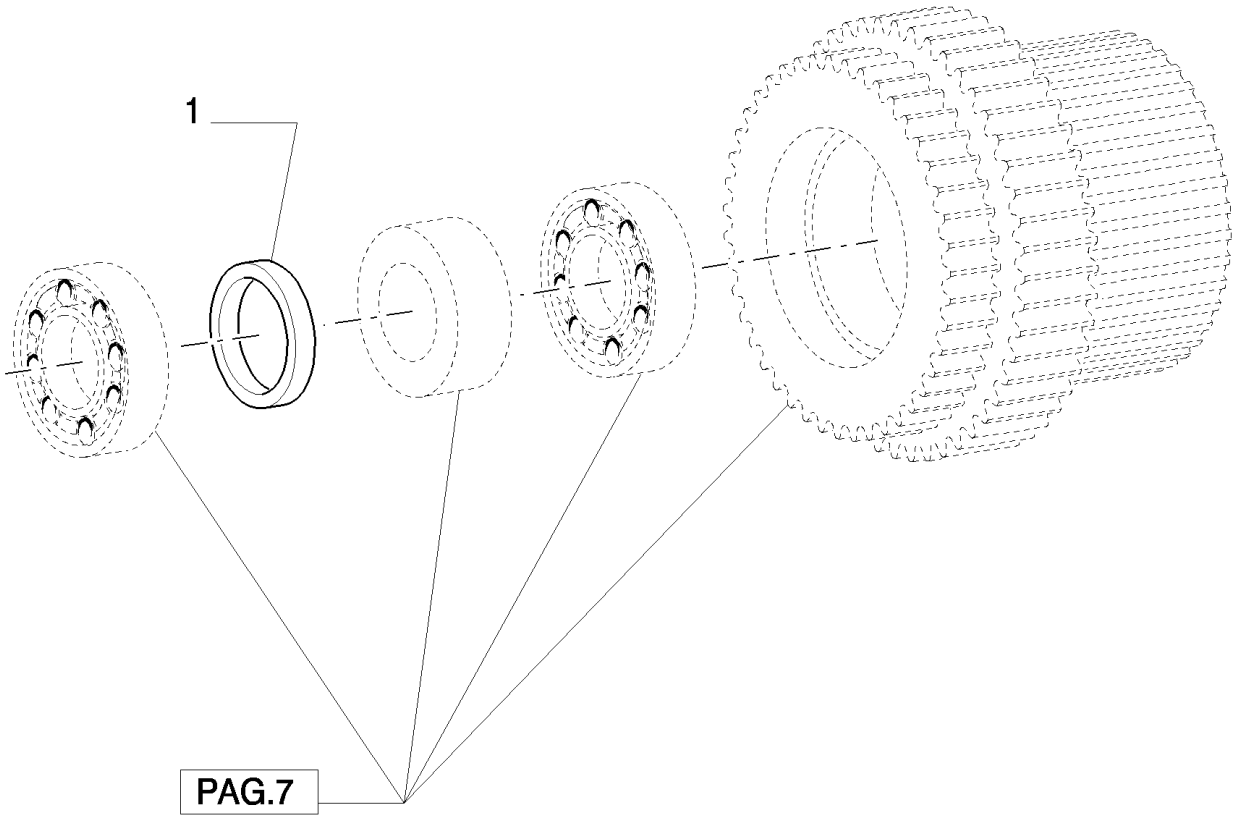


1.28.7/01(08) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	5112872	AR	SHIM, 1.90mm Thk,
1	5112873	AR	SHIM, 2.00mm Thk,
1	5129645	AR	SHIM, 4.65mm Thk,
1	5129646	AR	SHIM, 4.70mm Thk,
1	5129647	AR	SHIM, 4.75mm Thk,
1	5129648	AR	SHIM, 4.80mm Thk,
1	5134800	AR	SHIM, 3.85mm Thk,
1	5134801	AR	SHIM, 3.90mm Thk,
1	5134802	AR	SHIM, 3.95mm Thk,
1	5134804	AR	SHIM, 4.05mm Thk,
1	5112874	AR	SHIM, 2.05mm Thk,
1	5112875	AR	SHIM, 2.10mm Thk,
1	5112876	AR	SHIM, 2.15mm Thk,
1	5112877	AR	SHIM, 2.20mm Thk,
1	5129635	AR	SHIM, 4.15mm Thk,
1	5129637	AR	SHIM, 4.25mm Thk,
1	5129639	AR	SHIM, 4.35mm Thk,
1	5129641	AR	SHIM, 4.45mm Thk,
1	5129642	AR	SHIM, 4.50mm Thk,
1	5129643	AR	SHIM, 4.55mm Thk,
1	5129644	AR	SHIM, 4.60mm Thk,

1.28.7/01(09) CLUTCH ENGAGEMENT

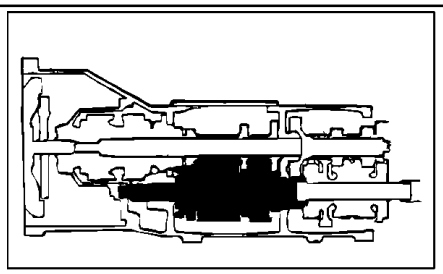


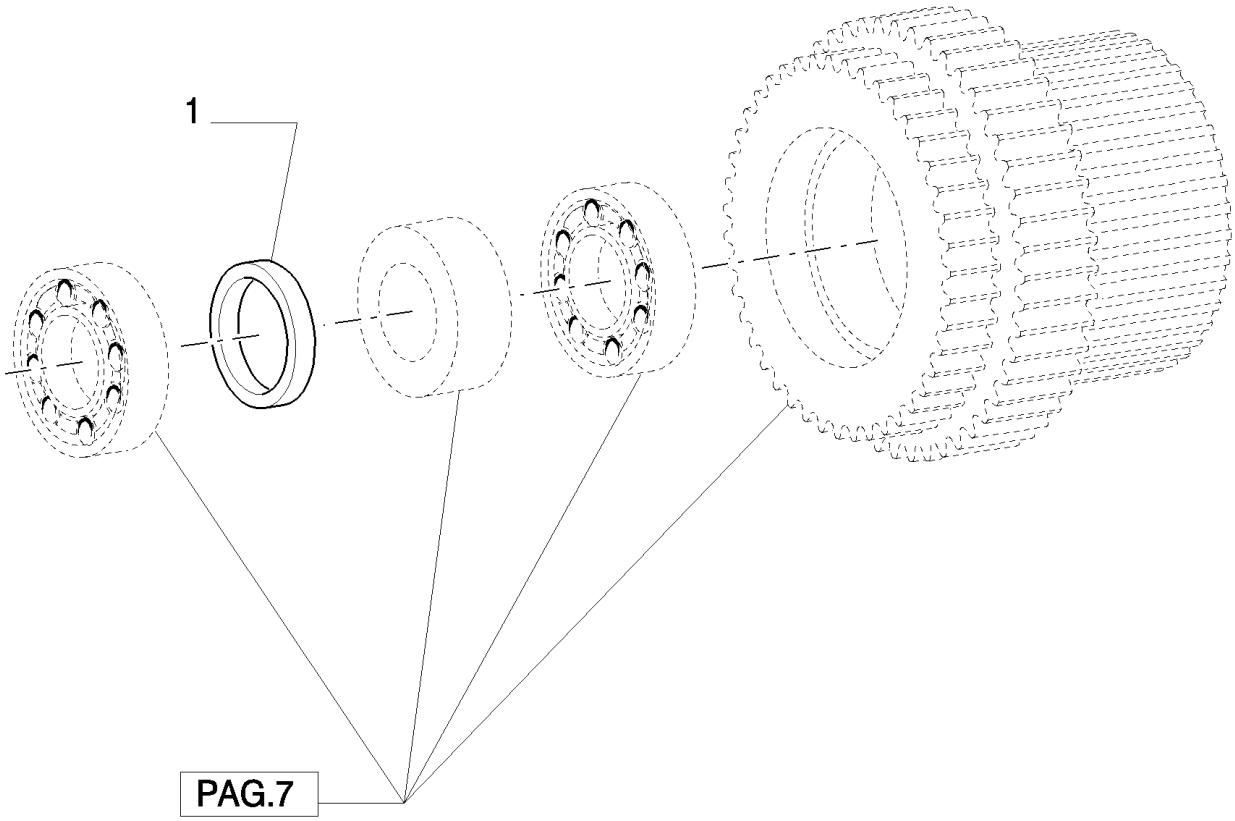


1.28.7/01(09) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	5167100	AR	SHIM, 9.80mm Thk,
1	5167101	AR	SHIM, 9.825mm Thk,
1	5167102	AR	SHIM, 9.85mm Thk,
1	5167103	AR	SHIM, 9.875mm Thk,
1	5167104	AR	SHIM, 9.90mm Thk,
1	5167105	AR	SHIM, 9.925mm Thk,
1	5167106	AR	SHIM, 9.95mm Thk,
1	5167107	AR	SHIM, 9.975mm Thk,
1	5167108	AR	SHIM, 10.00mm Thk,
1	5167109	AR	SHIM, 10.025mm Thk,
1	5167110	AR	SHIM, 10.05mm Thk,
1	5167111	AR	SHIM, 10.075mm Thk,
1	5167112	AR	SHIM, 10.10mm Thk,
1	5167113	AR	SHIM, 10.125mm Thk,
1	5167114	AR	SHIM, 10.15mm Thk,
1	5167115	AR	SHIM, 10.175mm Thk,
1	5167116	AR	SHIM, 10.20mm Thk,
1	5167117	AR	SHIM, 10.225mm Thk,
1	5167118	AR	SHIM, 10.25mm Thk,

1.28.7/01(10) CLUTCH ENGAGEMENT

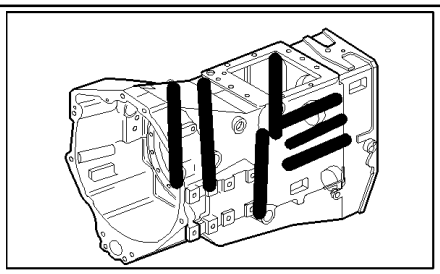


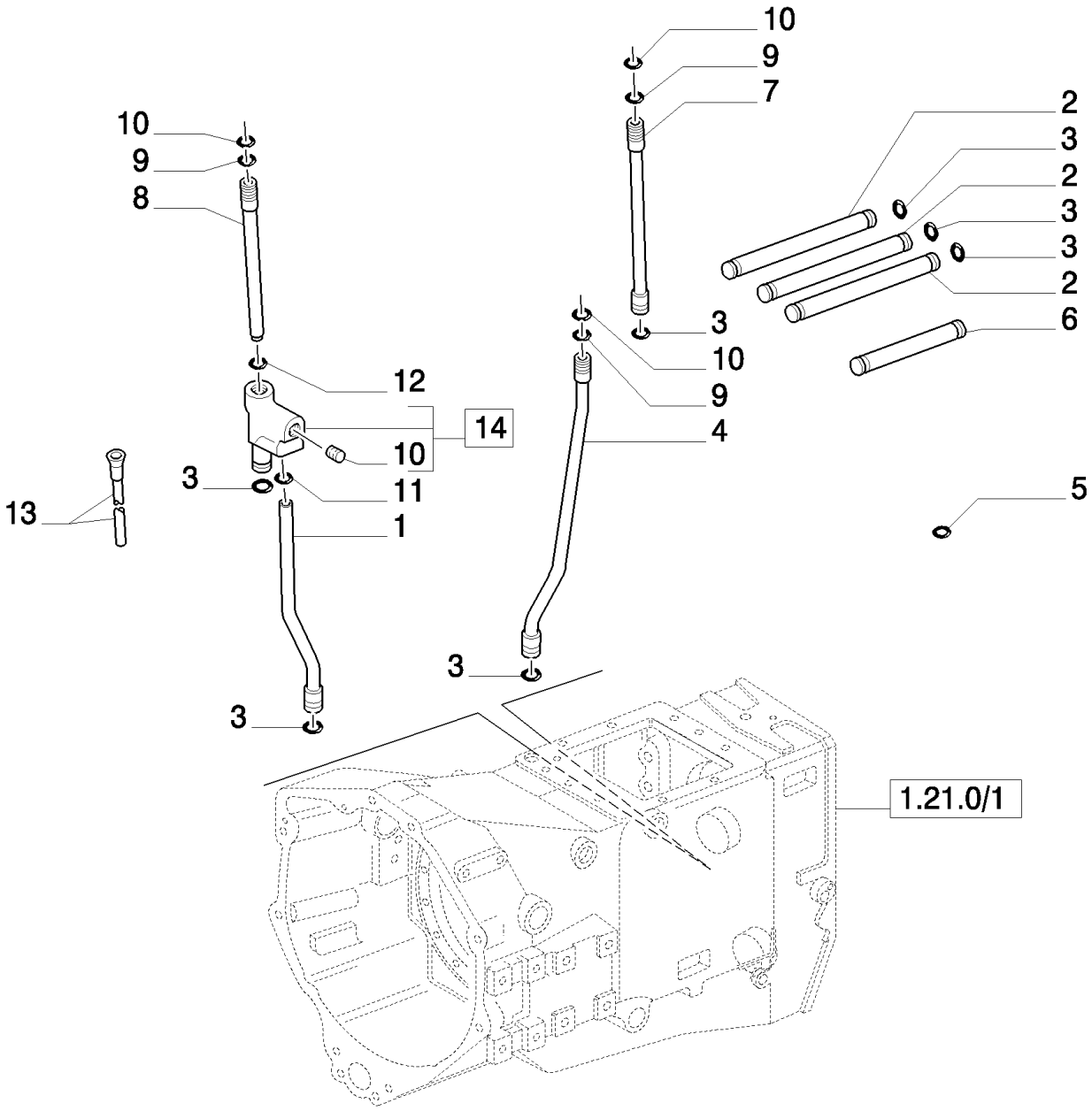


1.28.7/01(10) CLUTCH ENGAGEMENT

Ref	Part Number	Qty	Description
1	5175400	AR	SHIM, 10.275mm Thk,
1	5175401	AR	SHIM, 10.300mm Thk,
1	5175402	AR	SHIM, 10.325mm Thk,
1	5175403	AR	SHIM, 10.350mm Thk,
1	5175404	AR	SHIM, 10.375mm Thk,
1	5175405	AR	SHIM, 10.400mm Thk,
1	5175406	AR	SHIM, 10.425mm Thk,
1	5175408	AR	SHIM, 10.450mm Thk,
1	5175409	AR	SHIM, 10.475mm Thk,
1	5175410	AR	SHIM, 10.500mm Thk,
1	5175411	AR	SHIM, 10.525mm Thk,
1	5175412	AR	SHIM, 10.550mm Thk,
1	5175414	AR	SHIM, 10.575mm Thk,
1	5175415	AR	SHIM, 10.600mm Thk,
1	5175416	AR	SHIM, 10.625mm Thk,
1	5175417	AR	SHIM, 10.650mm Thk,
1	5175418	AR	SHIM, 10.675mm Thk,
1	5175419	AR	SHIM, 10.700mm Thk,

1.29.6/01(01) HYDRAULIC GEARBOX CONTROL



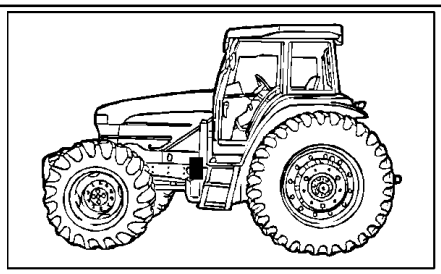


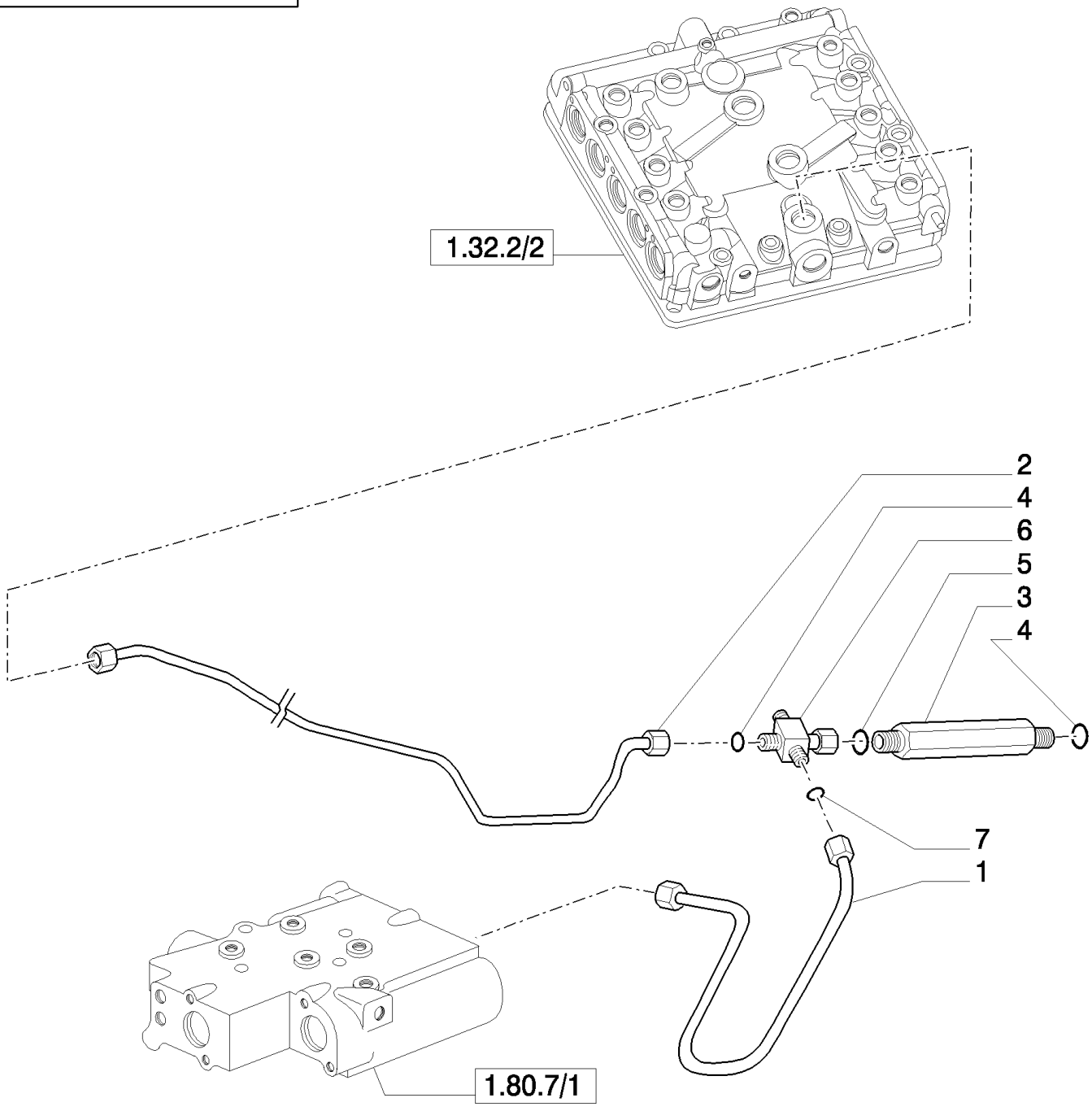
TM190 TRACTOR (6/02-) - Transmission

1.29.6/01(01) HYDRAULIC GEARBOX CONTROL

Ref	Part Number	Qty	Description
1	5172991	1	TUBE, HYD,
2	5176959	3	TUBE, HYD,
3	14453181	9	O-RING, -014, Cl 7, .489" ID x .070" Thk,
4	5179234	1	TUBE, HYD,
5	5172342	2	O-RING,
6	5183115	1	TUBE, HYD,
7	5179274	1	TUBE, HYD,
8	5179267	1	TUBE, HYD,
9	13397876	3	RING, LOCKING,
10	89827059	6	O-RING, .551" ID x .070" Thk
11	14457081	1	O-RING, -112, Cl 7, .487" ID x .103" Thk,
12	5146468	1	O-RING, -113, Cl 9, .549" ID x .103" Thk,
13	5185279	1	TUBE, HYD,
14	5179255	1	CONNECTOR, HYD.,
15	10275501	1	PLUG,

1.29.6/01(02) HYDRAULIC GEARBOX CONTROL(2WD)

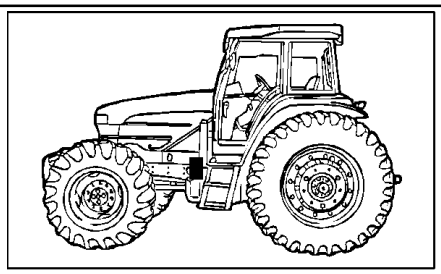


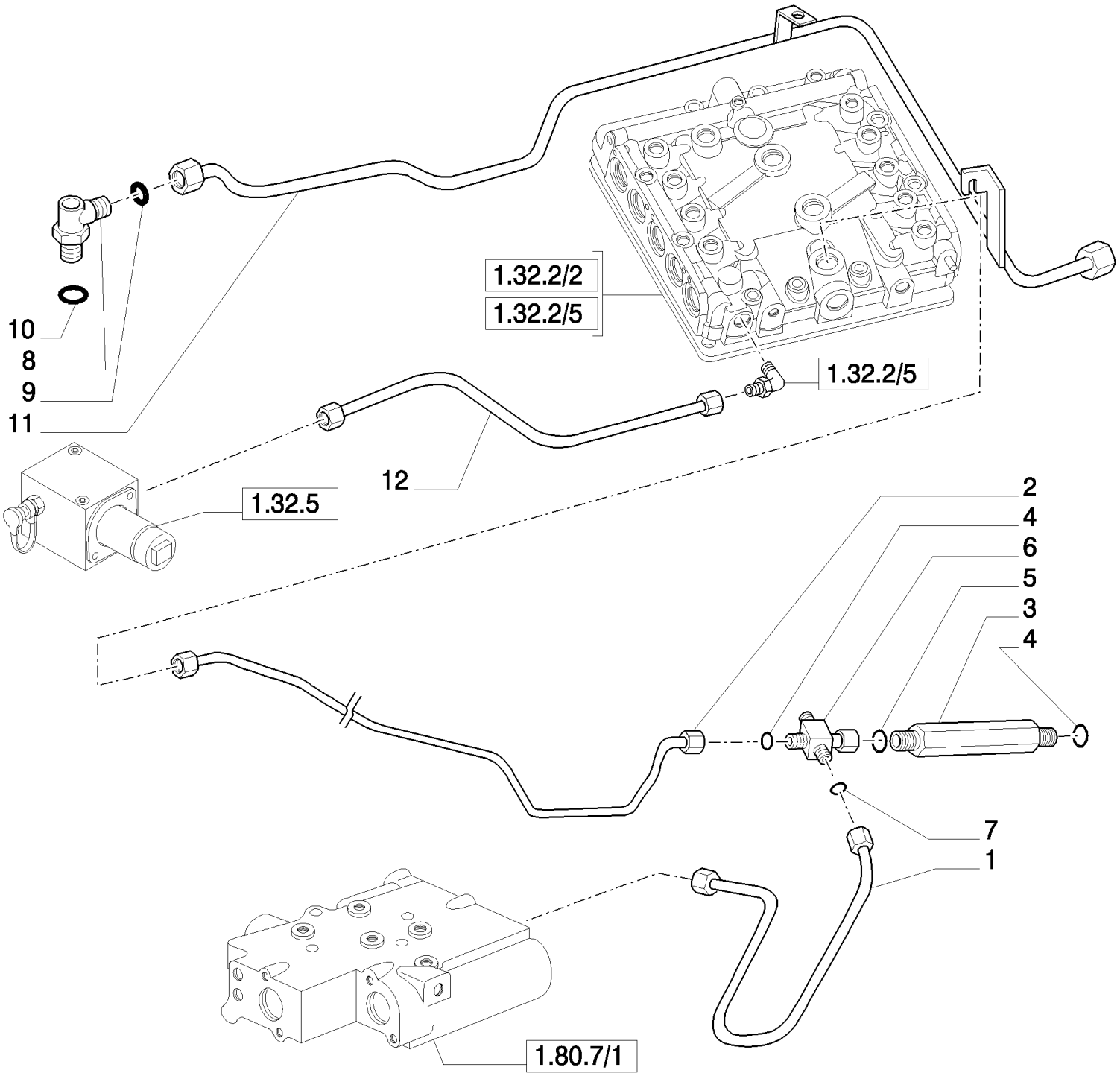


1.29.6/01(02) HYDRAULIC GEARBOX CONTROL(2WD)

Ref	Part Number	Qty	Description
1	47126532	1	TUBE, HYD,
2	47126531	1	TUBE, HYD,
3	5185048	1	CONNECTOR, HYD.,
4	5185512	2	O-RING, 1,78x15,6
5	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
6	5199116	1	CONNECTION, 4 WAY,
7	5185511	2	O-RING, 12.42 x 1.78

1.29.6/01(03) HYDRAULIC GEARBOX CONTROL(4WD)

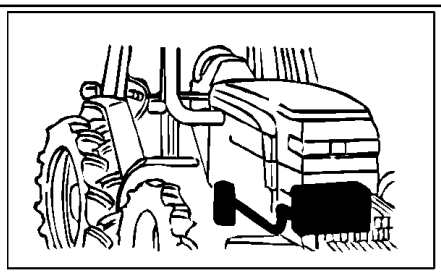


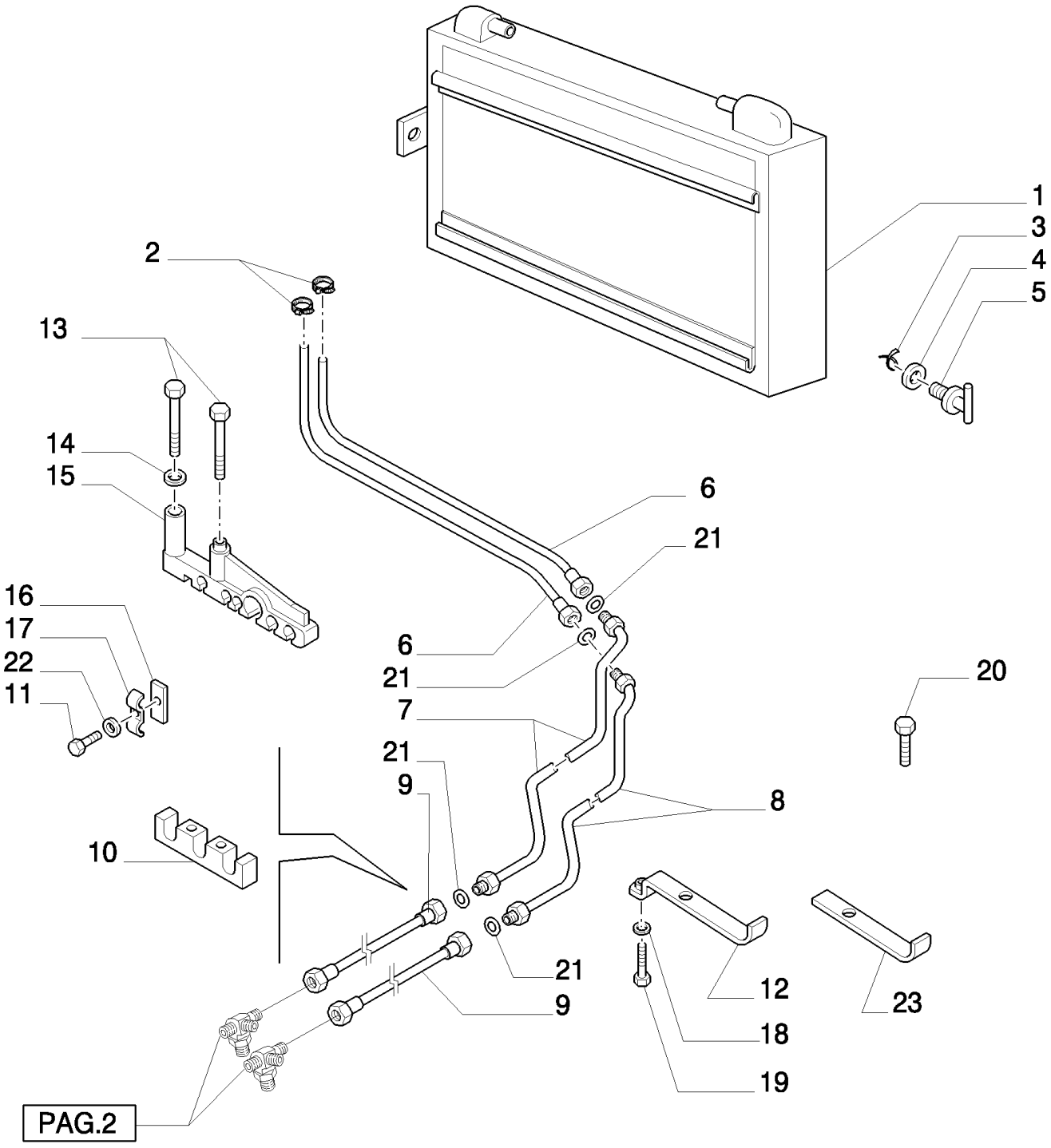


1.29.6/01(03) HYDRAULIC GEARBOX CONTROL(4WD)

Ref	Part Number	Qty	Description
1	47126532	1	TUBE, HYD,
2	47126531	1	TUBE, HYD,
3	5185048	1	CONNECTOR, HYD.,
4	5185512	2	O-RING, 15,6 ID x 1,78 Thk
5	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
6	5199116	1	CONNECTION, 4 WAY,
7	5185511	2	O-RING, 12.42 x 1.78
8	5195456	1	CONNECTOR, HYD.,
9	5185510	1	O-RING, 1,78 x 9,25
10	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,
11	47123557	1	TUBE, HYD,
12	5197093	1	TUBE, HYD, , W/EQUIP.147/1 FULL POWER SHIFT 19X6 (50KM/H) AND EQUIP.571 FULL POWER SHIFT 19X6 (40KM/H)

1.29.7/02(01) GEARBOX LUBRICATION PIPING - C4855

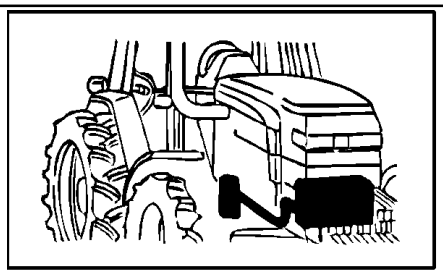


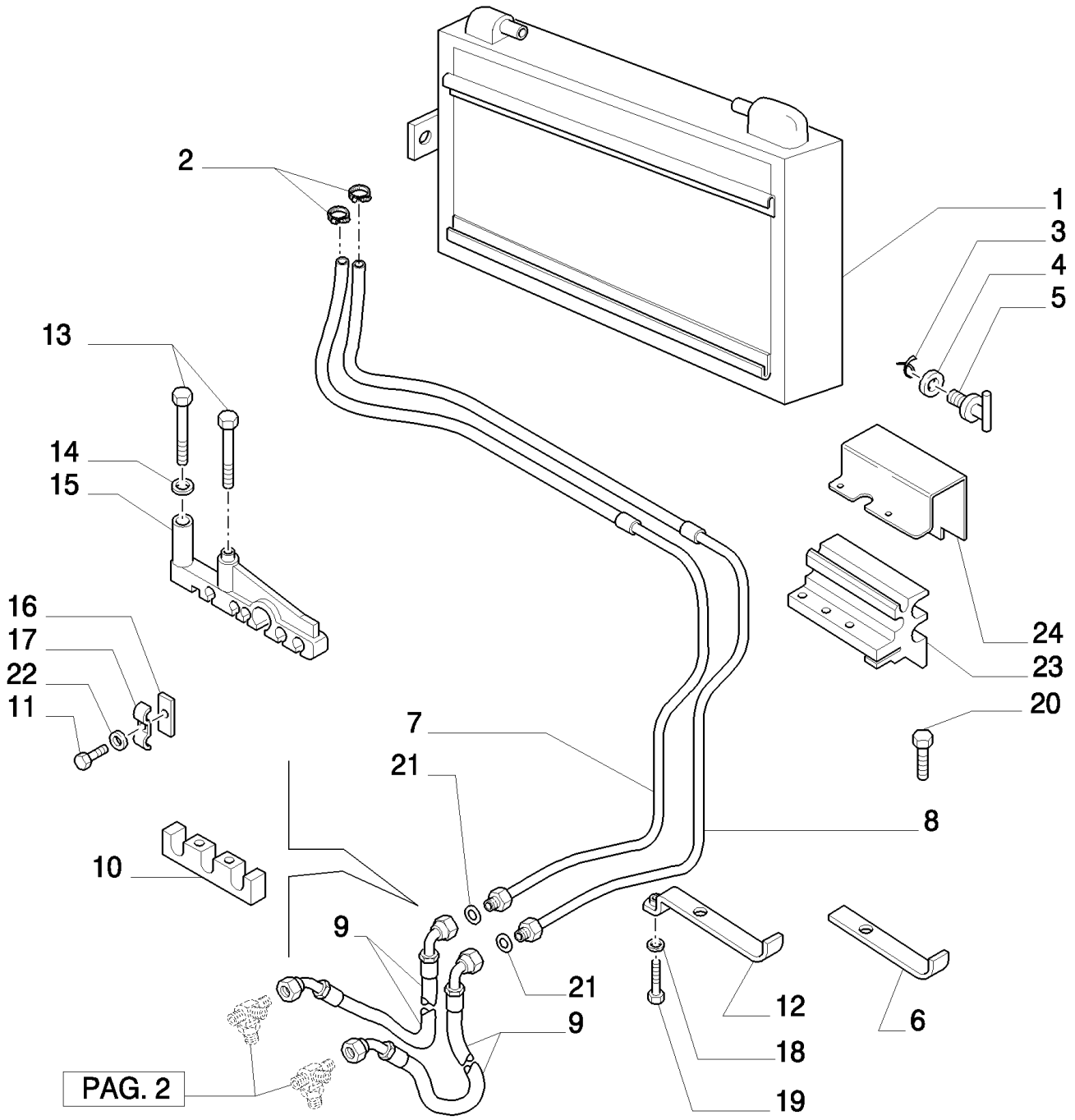


1.29.7/02(01) GEARBOX LUBRICATION PIPING - C4855

Ref	Part Number	Qty	Description
1	82030603	1	COOLER, OIL,
2	82039343	4	CLAMP, HOSE,
3	82004582	1	CLIP,
4	82004583	1	PLATE,
5	82011199	1	FASTENER,
6	82029871	2	HOSE, FLEXIBLE, 1/2"
7	82030228	1	TUBE, HYD,
8	82030229	1	TUBE, HYD,
9	82034281	2	HOSE,
10	82030437	1	CLAMP,
11	10902224	1	BOLT, Hex, M6 x 16, 8.8, Full Thd,
12	82030478	1	CLAMP,
13	16044621	2	BOLT, Hex, M8 x 70, 8.8,
14	12646704	4	WASHER, M8 x 20 x 2,
15	82030436	2	CLAMP,
16	5138294	1	SUPPORT,
17	4999554	1	CLAMP,
18	14496301	2	WASHER, 5X10
19	15211421	2	BOLT, Hex, M5 x 30, 8.8, Full Thd,
20	16044721	2	BOLT, Hex, M8 x 75, 8.8,
21	9992298	4	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
22	12035670	1	WASHER, LOCK,
23	82033098	1	CLAMP,

1.29.7/02(01A) GEARBOX LUBRICATION PIPING - D4855 - C4859



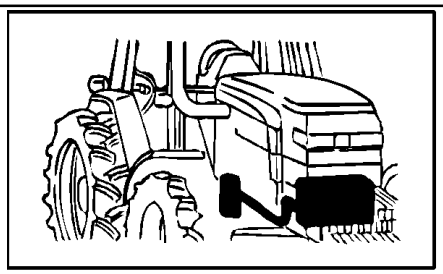


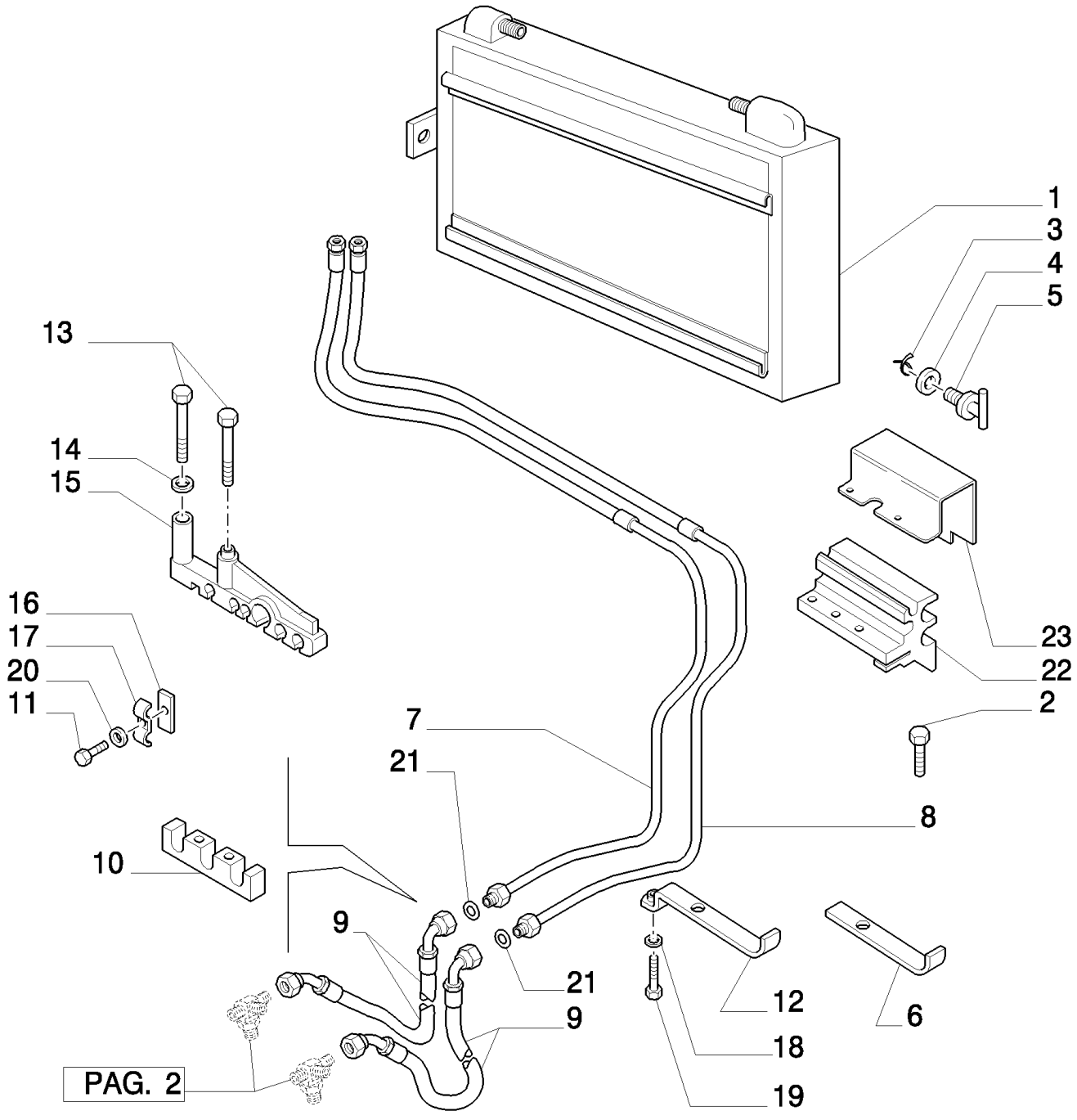
1.29.7/02(01A) GEARBOX LUBRICATION PIPING - D4855 - C4859

Ref	Part Number	Qty	Description
1	82027415	1	COOLER, OIL,
2	82039343	4	CLAMP, HOSE,
3	82004582	1	CLIP,
4	82004583	1	PLATE,
5	82011199	1	FASTENER,
6	82033098	1	CLAMP,
7	82033479	1	TUBE, HYD,
8	82033480	1	TUBE, HYD,
9	82034281	2	HOSE,
10	82030437	1	CLAMP,
11	10902224	1	BOLT, Hex, M6 x 16, 8.8, Full Thd,
12	82030478	1	CLAMP,
13	16044621	2	BOLT, Hex, M8 x 70, 8.8,
14	12646704	4	WASHER, M8 x 20 x 2,
15	82033231	2	SUPPORT,
16	5138294	1	SUPPORT,
17	4999554	1	CLAMP,
18	14496301	2	WASHER, 5X10
19	15211421	2	BOLT, Hex, M5 x 30, 8.8, Full Thd,
20	16044721	2	BOLT, Hex, M8 x 75, 8.8,
21	9992298	4	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
22	12035670	1	WASHER, LOCK,
23	82034248	1	SHIELD,
24	82034167	1	COVER,

D4855 Serial N.217255 C4859 Serial N.230234

1.29.7/02(01B) GEARBOX LUBRICATION PIPING - D4859 - C5067

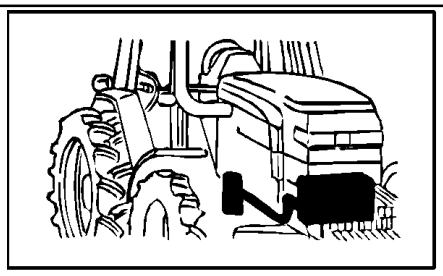


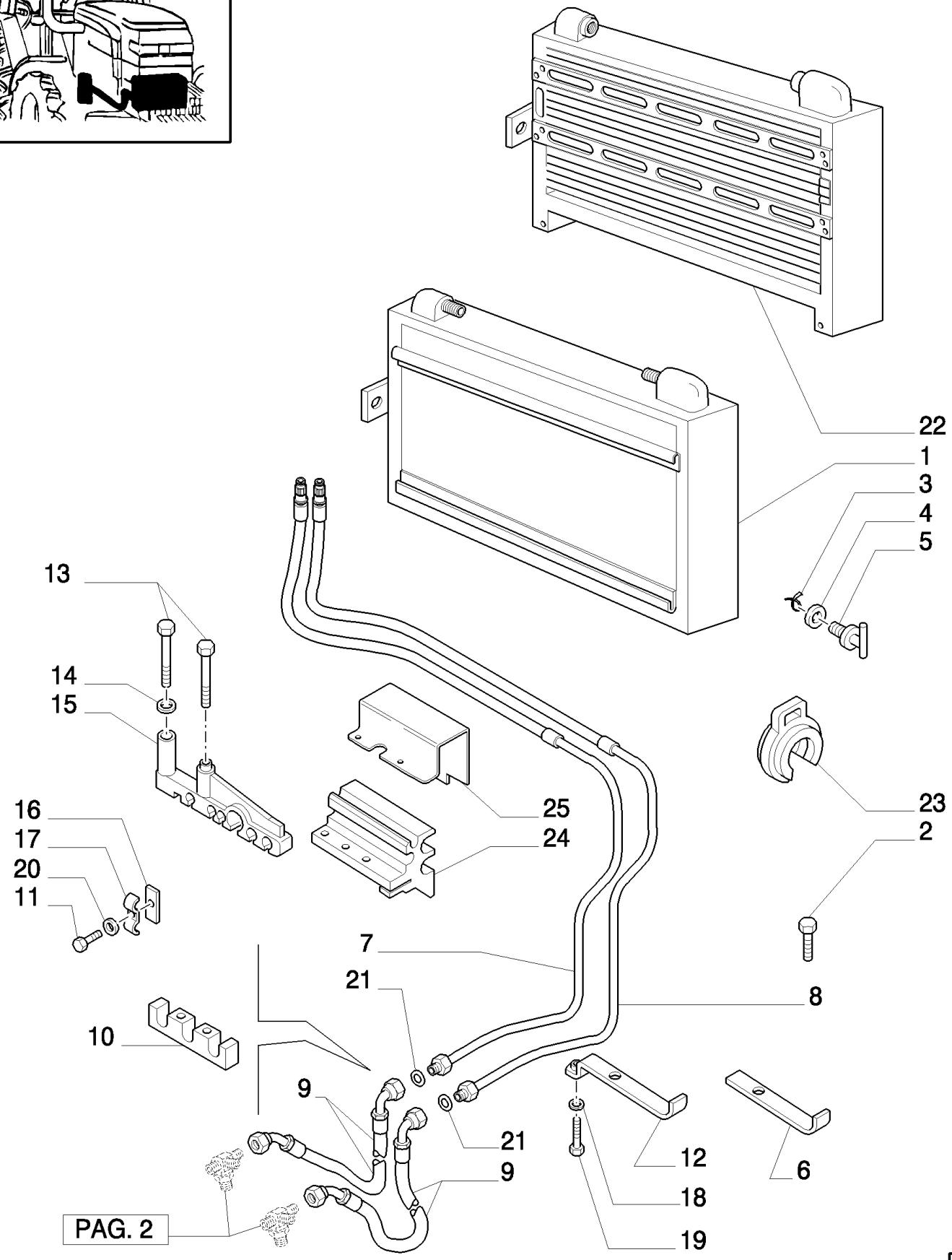


1.29.7/02(01B) GEARBOX LUBRICATION PIPING - D4859 - C5067

Ref	Part Number	Qty	Description
1	82039016	1	COOLER, OIL,
2	16044721	2	BOLT, Hex, M8 x 75, 8.8,
3	82004582	1	CLIP,
4	82004583	1	PLATE,
5	82011199	1	FASTENER,
6	82033098	1	CLAMP,
7	82035855	1	TUBE, HYD,
8	82035856	1	TUBE, HYD,
9	82034281	2	HOSE,
10	82030437	1	CLAMP,
11	10902224	1	BOLT, Hex, M6 x 16, 8.8, Full Thd,
12	82030478	1	CLAMP,
13	16044621	2	BOLT, Hex, M8 x 70, 8.8,
14	12646704	4	WASHER, M8 x 20 x 2,
15	82033231	2	SUPPORT,
16	5138294	1	SUPPORT,
17	4999554	1	CLAMP,
18	14496301	2	WASHER, 5X10
19	15211421	2	BOLT, Hex, M5 x 30, 8.8, Full Thd,
20	12035670	1	WASHER, LOCK,
21	9992298	4	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
22	82034248	1	SHIELD,
23	82034167	1	COVER,

1.29.7/02(01C) GEARBOX LUBRICATION PIPING - D5067 - C5308





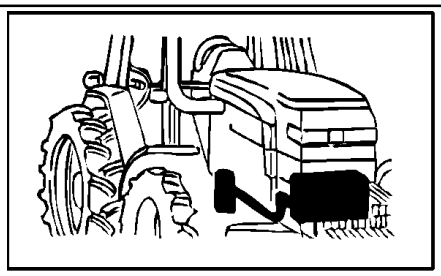
D5067 Serial N.ACM254884 D5217 Serial N.ACM256577 D5236 Serial N.ACM258609 C5308 Serial N.ACM262269

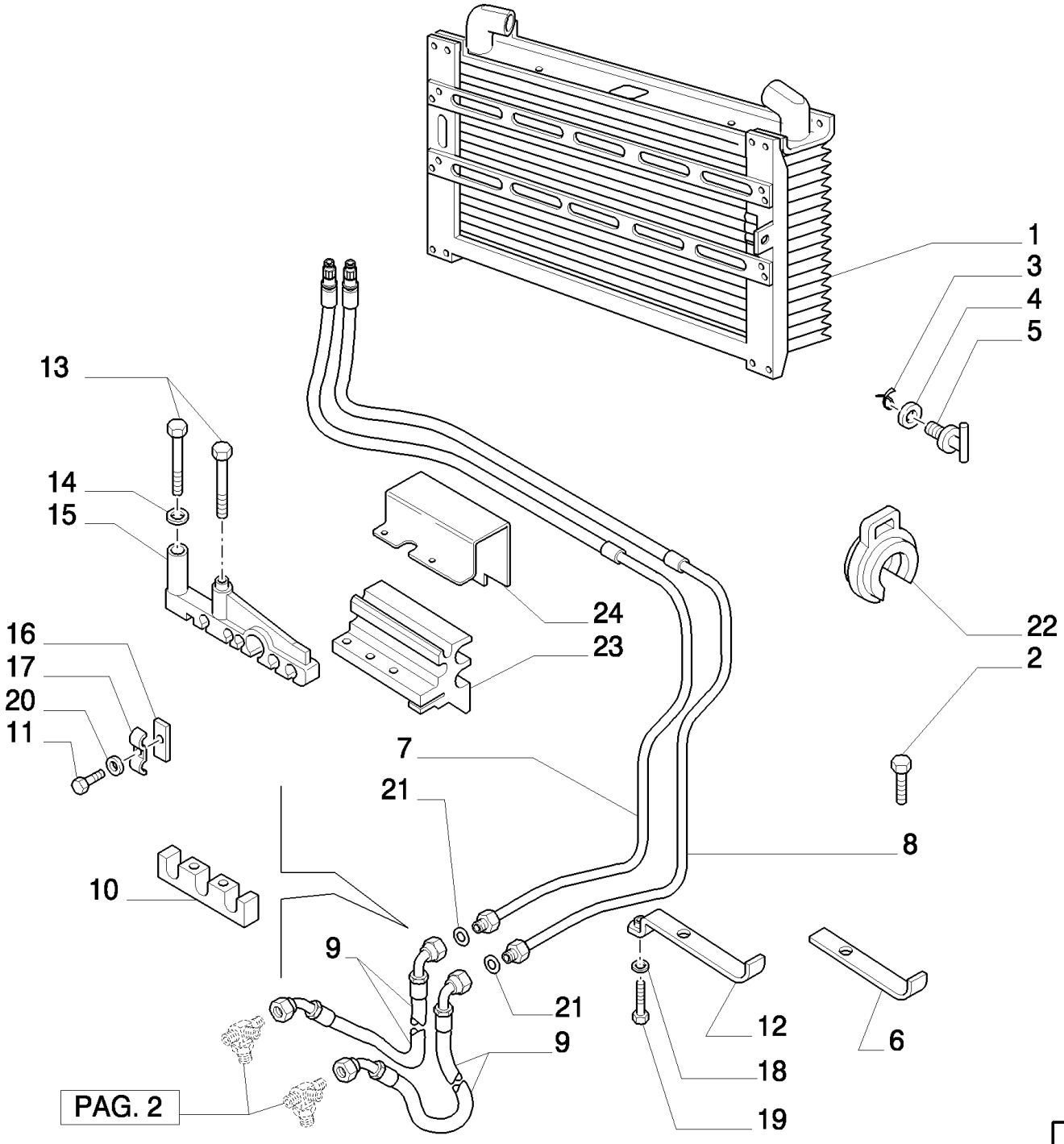
1.29.7/02(01C) GEARBOX LUBRICATION PIPING - D5067 - C5308

Ref	Part Number	Qty	Description
1	87325470	1	COOLER, OIL, , BSN ACM256576
2	16044721	2	BOLT, Hex, M8 x 75, 8.8,
3	82004582	1	CLIP,
4	82004583	1	PLATE,
5	82011199	1	FASTENER,
6	82033098	1	CLAMP,
7	87303559	1	TUBE, HYD, , BSN ACM258608
7	87362674	1	TUBE, HYD, , ASN ACM258609
8	87303560	1	TUBE, HYD,
9	87307525	2	HOSE, FLEXIBLE,
10	82030437	1	CLAMP,
11	10902224	1	BOLT, Hex, M6 x 16, 8.8, Full Thd,
12	82030478	1	CLAMP,
13	16044621	2	BOLT, Hex, M8 x 70, 8.8,
14	12646704	4	WASHER, M8 x 20 x 2,
15	82033231	2	SUPPORT,
16	5138294	1	SUPPORT,
17	4999554	1	CLAMP,
18	14496301	2	WASHER, 5X10
19	15211421	2	BOLT, Hex, M5 x 30, 8.8, Full Thd,
20	12035670	1	WASHER, LOCK,
21	89992298	4	O-RING,
22	87350647	1	COOLER, OIL, , BTW ACM256577 & ACM258608
22	87352455	1	COOLER, OIL, , ASN ACM258609
23	87363477	2	CLIP,
24	82034248	1	SHIELD,
25	82034167	1	COVER,

D5067 Serial N.ACM254884 D5217 Serial N.ACM256577 D5236 Serial N.ACM258609 C5308 Serial N.ACM262269

1.29.7/02(01D) GEARBOX LUBRICATION PIPING - D5308

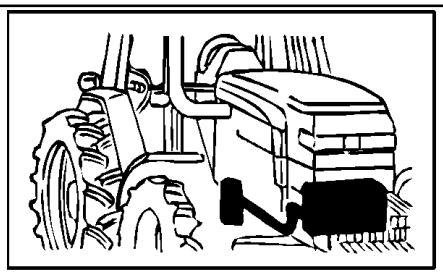


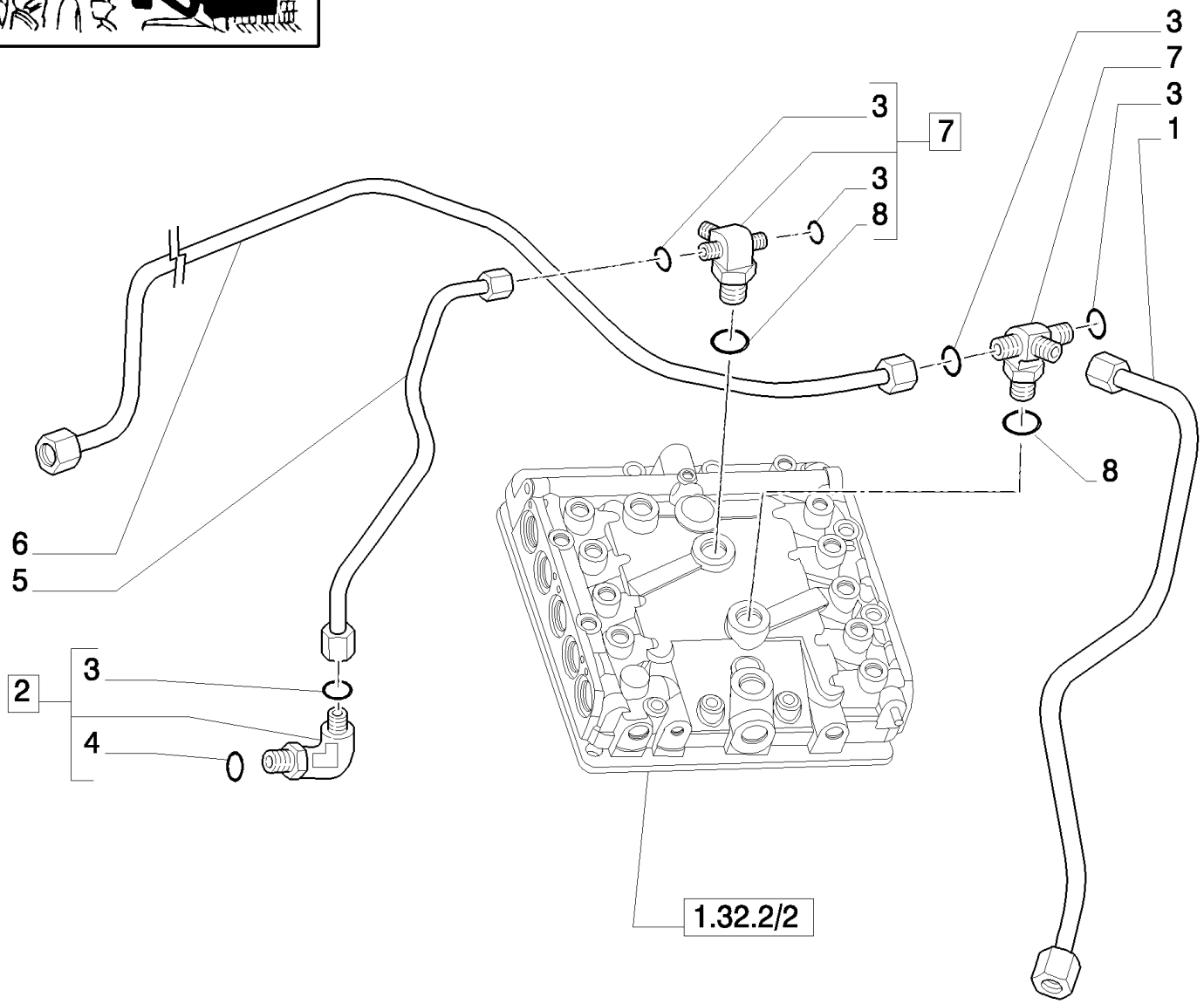


1.29.7/02(01D) GEARBOX LUBRICATION PIPING - D5308

Ref	Part Number	Qty	Description
1	87380323	1	COOLER, OIL,
2	16044721	2	BOLT, Hex, M8 x 75, 8.8,
3	82004582	1	CLIP,
4	82004583	1	PLATE,
5	82011199	1	FASTENER,
6	82033098	1	CLAMP,
7	87362674	1	TUBE, HYD,
8	87303560	1	TUBE, HYD,
9	87307525	2	HOSE, FLEXIBLE,
10	82030437	1	CLAMP,
11	10902224	1	BOLT, Hex, M6 x 16, 8.8, Full Thd,
12	82030478	1	CLAMP,
13	16044621	2	BOLT, Hex, M8 x 70, 8.8,
14	12646704	4	WASHER, M8 x 20 x 2,
15	82033231	2	SUPPORT,
16	5138294	1	SUPPORT,
17	4999554	1	CLAMP,
18	14496301	2	WASHER, 5X10
19	15211421	2	BOLT, Hex, M5 x 30, 8.8, Full Thd,
20	12035670	1	WASHER, LOCK,
21	89992298	4	O-RING,
22	87363477	2	CLIP,
23	82034248	1	SHIELD,
24	82034167	1	COVER,

1.29.7/02(02) GEARBOX LUBRICATION PIPING

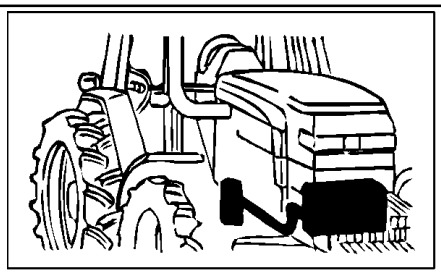


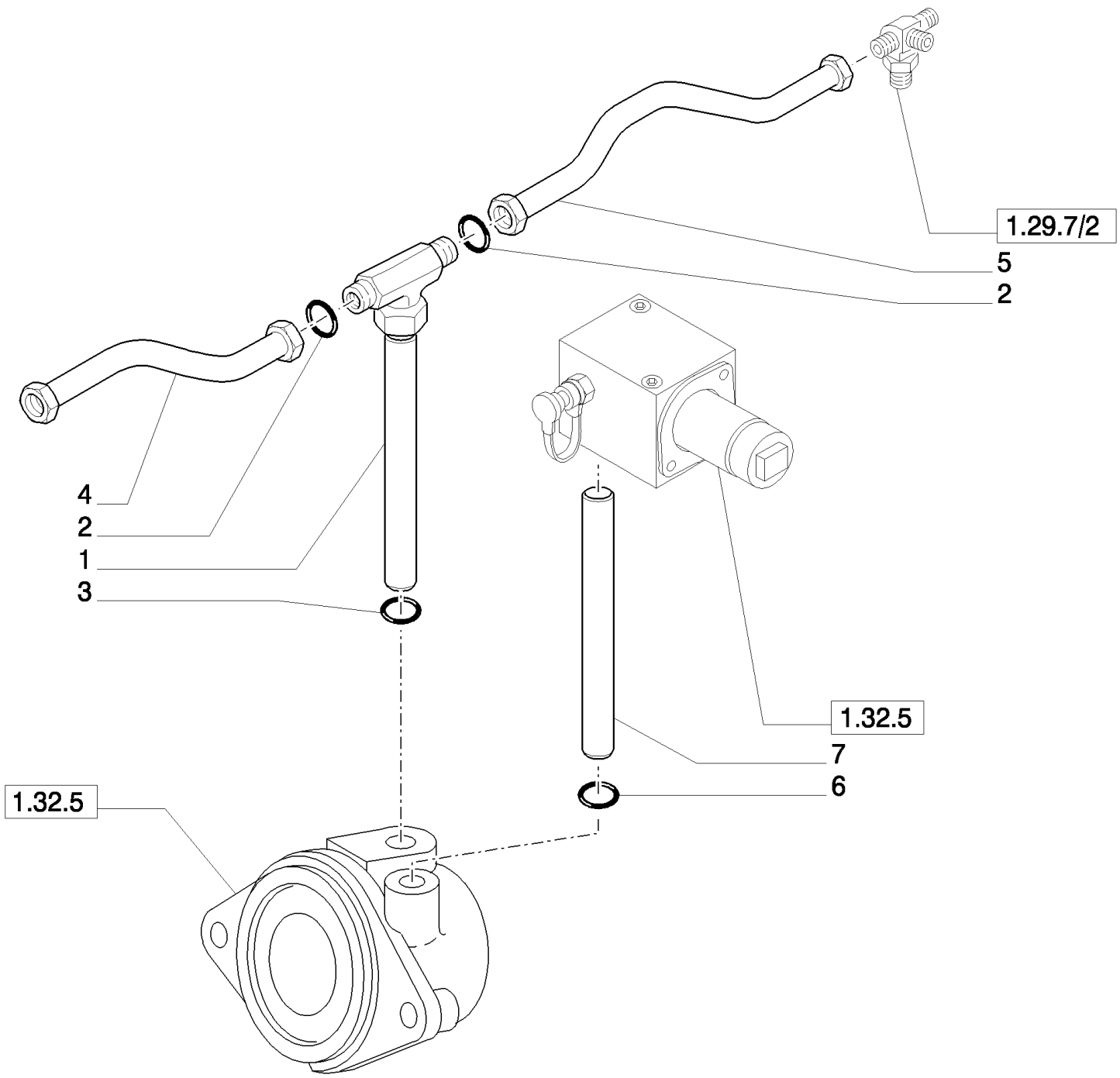


1.29.7/02(02) GEARBOX LUBRICATION PIPING

Ref	Part Number	Qty	Description
1	5199236	1	TUBE, HYD,
2	5185562	4	ELBOW,
3	5185512	1	O-RING, 15,6 ID x 1,78 Thk
4	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
5	5199234	1	TUBE, HYD,
6	47123566	1	TUBE, HYD,
7	5192010	1	CONNECTION, 4 WAY,
8	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,

1.29.7/03 (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - GEAR CHANGE LUBRICATION PIPES

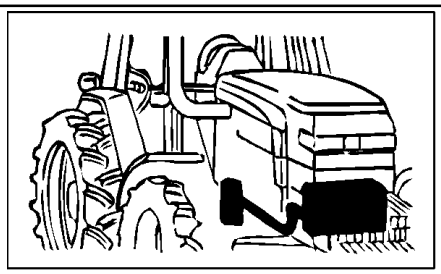


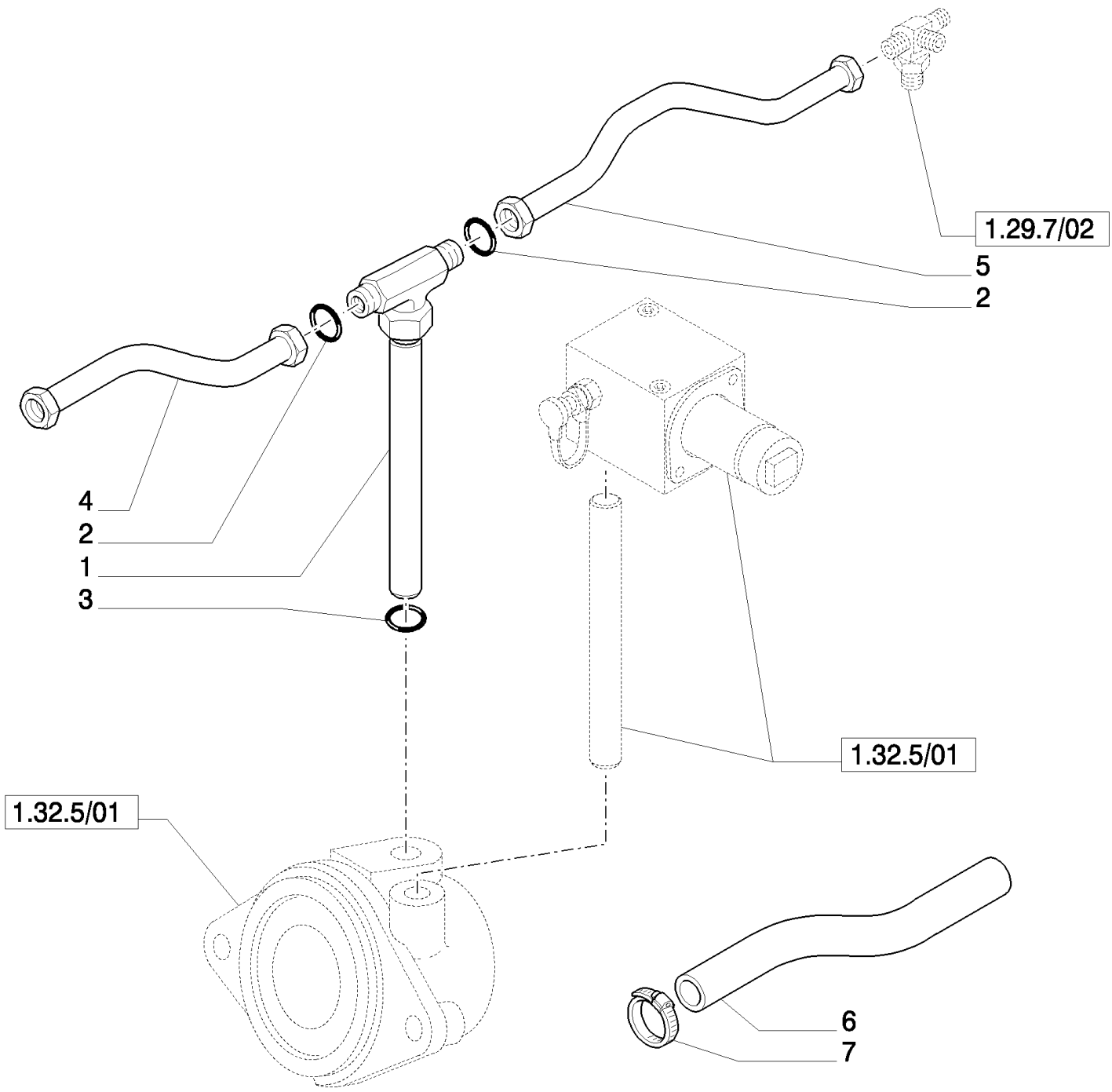


1.29.7/03 (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - GEAR CHANGE LUBRICATION PIPES

Ref	Part Number	Qty	Description
1	5196968	1	CONNECTOR, HYD., INCL. 2,3
2	5185512	2	O-RING, 15,6 ID x 1,78 Thk
3	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
4	47123568	1	TUBE, HYD,
5	47123564	1	TUBE, HYD,
6	14457081	1	O-RING, -112, Cl 7, .487" ID x .103" Thk,
7	5195964	1	TUBE, HYD,

1.29.7/04 (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - GEAR CHANGE LUBRICATION PIPES

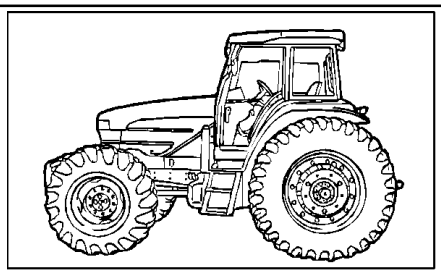


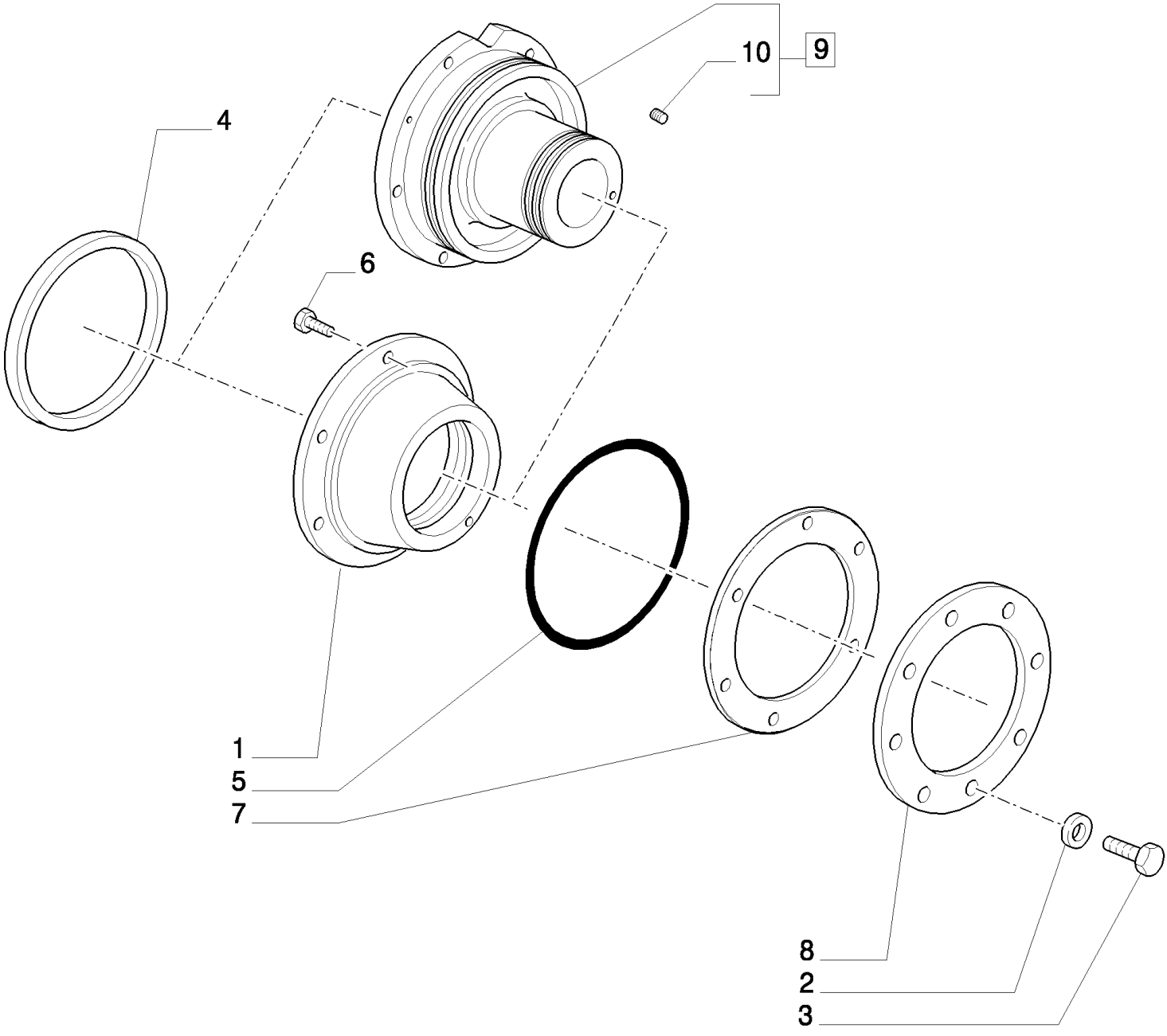


1.29.7/04 (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - GEAR CHANGE LUBRICATION PIPES

Ref	Part Number	Qty	Description
1	5196968	1	CONNECTOR, HYD., INCL. 2,3
2	5185512	2	O-RING, 15,6 ID x 1,78 Thk
3	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
4	47123568	1	TUBE, HYD,
5	47123564	1	TUBE, HYD,
6	5143830	1	HOSE, FLEXIBLE, 20x26
7	13000490	2	CLAMP, HOSE, D=20-30

1.32.0/01 TRANSMISSION, COVERS AND SUPPORTS





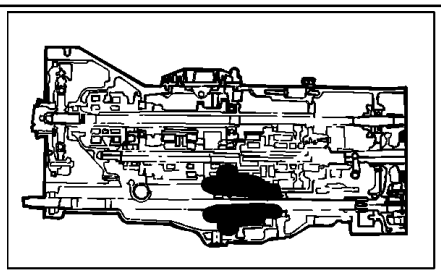
D5021 After Date 20/04/04, see also Sgr. 1.21.0/01, 1.32.5, 1.80.7/07

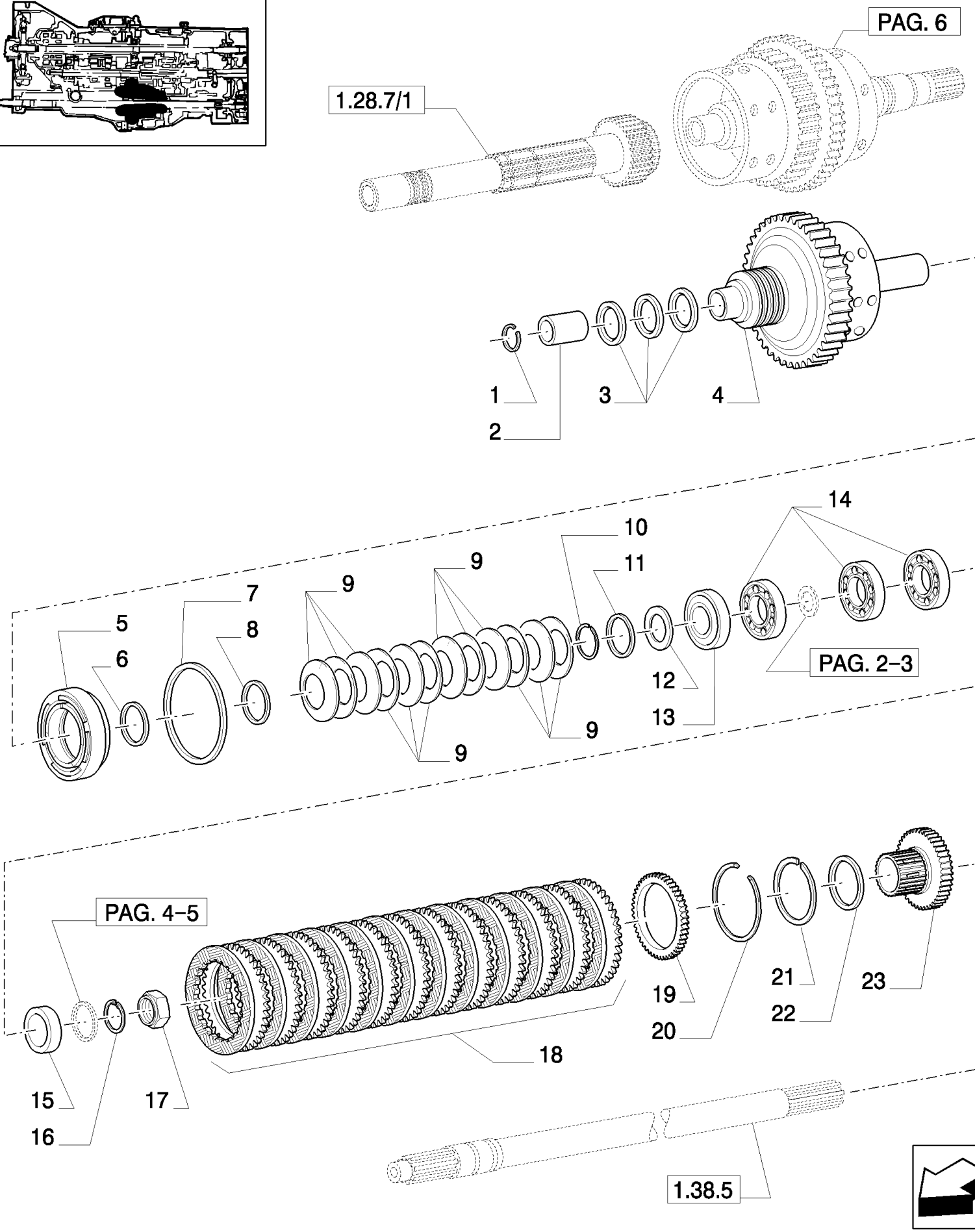
1.32.0/01 TRANSMISSION, COVERS AND SUPPORTS

Ref	Part Number	Qty	Description
1	5185923	1	SUPPORT, RH
1	5188465	1	SUPPORT, LH, -C5021
2	11190574	8	WASHER, SPRING, Belleville, M10.5,
3	16204321	8	BOLT, Hex, M10 x 25,
4	5131232	2	SEALRING,
5	14462281	1	O-RING, -164, Cl 7, 6.237" ID x .103" Thk,
6	14233721	12	BOLT, Hex, M10 x 1.25 x 35,
7	5152097	2	SHIM, .15mm Thk,
7	5152098	2	SHIM, .20mm Thk,
7	5152099	2	SHIM, .50mm Thk,
8	5185547	1	PLATE,
9	47136375	1	SUPPORT, , D5021-
10	14326101	1	PLUG, 8x1.25, D5021-

D5021 After Date 20/04/04, see also Sgr. 1.21.0/01, 1.32.5, 1.80.7/07

1.32.1/01(01) CENTRAL REDUCTION GEARS

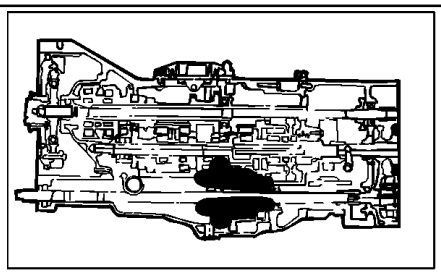


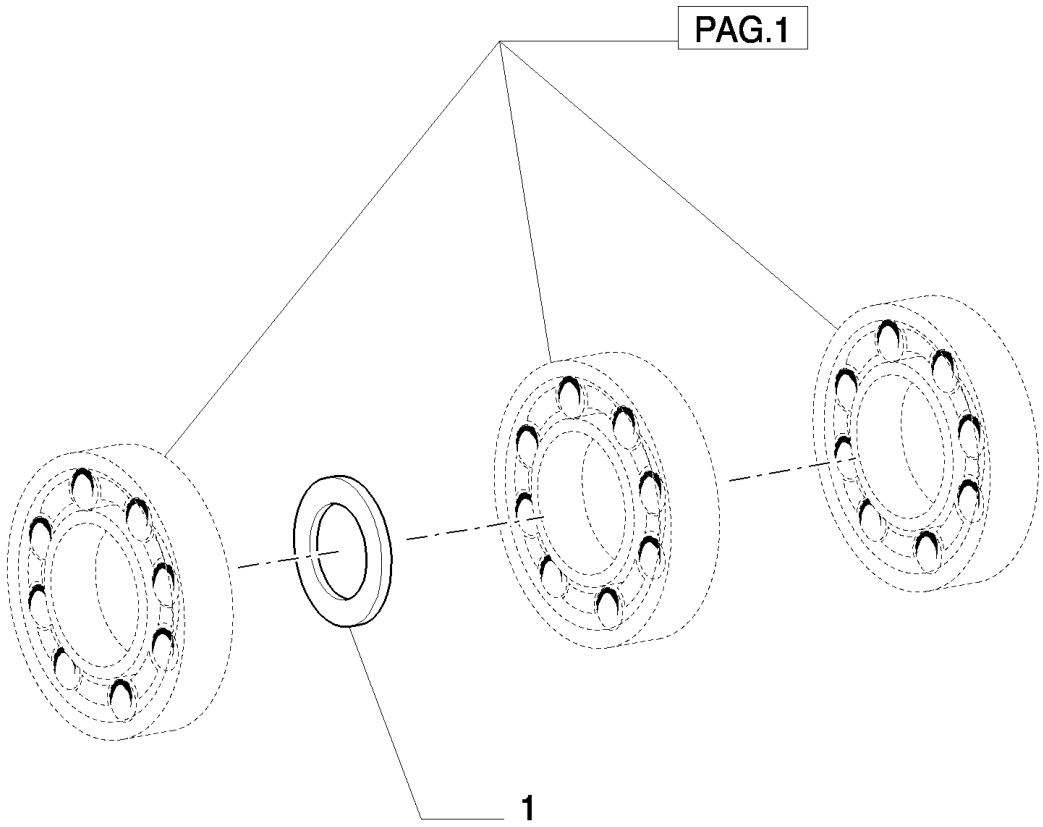


1.32.1/01(01) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	13421876	1	RING, LOCKING,
2	5172261	1	SPACER,
3	5131232	3	SEALRING,
4	5183112	1	SHAFT, Incl. Ref. 1,2
5	5187424	1	PISTON,
6	5162252	1	GASKET,
7	5172302	1	GASKET,
8	5164926	1	RING, 61X85X3
9	5177755	12	SPRING,
10	5175981	1	RING, LOCKING,
11	5164928	1	RING, 60X70X3
12	5179183	1	SPACER, 55,1/55,3X73X3,2
13	5176949	1	RING,
14	5187264	4	BEARING, ROLLER, TAPERED, 55X90X23
15	5179538	1	SPACER, 78X89,6/89,8X15,75
16	11062476	1	RING, SNAP, M90, Int,
17	5187828	1	NUT, RING, M55X1,5X20
18	5172232	1	KIT,
19	5179115	1	DISC,
20	5162251	1	RING, LOCKING,
21	5179124	1	RING, LOCKING,
22	81865152	1	SEAL,
23	5179047	1	GEAR,

1.32.1/01(02) CENTRAL REDUCTION GEARS

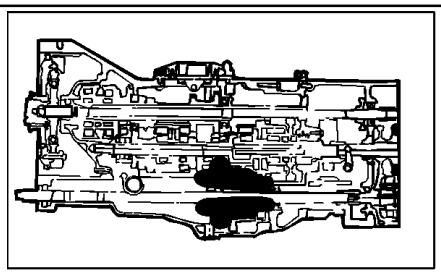


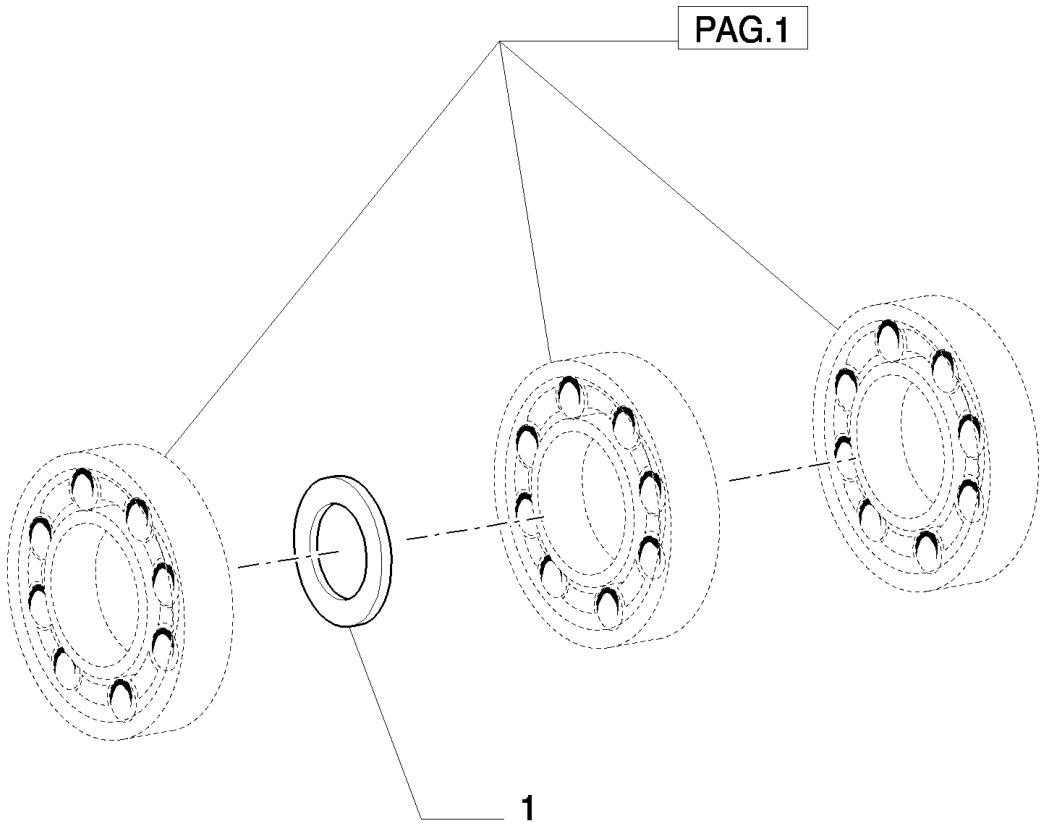


1.32.1/01(02) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5179141	AR	SHIM, M55.1/55.3 x 62 x 8.900,
1	5179142	AR	SHIM, M55.1/55.3 x 62 x 8.925,
1	5179143	AR	SHIM, M55.1/55.3 x 62 x 8.950,
1	5179144	AR	SHIM, M55.1/55.3 x 62 x 8.975,
1	5179145	AR	SHIM, M55.1/55.3 x 62 x 9.000,
1	5179146	AR	SHIM, M55.1/55.3 x 62 x 9.025,
1	5179147	AR	SHIM, M55.1/55.3 x 62 x 9.050,
1	5179148	AR	SHIM, M55.1/55.3 x 62 x 9.075,
1	5179149	AR	SHIM, M55.1/55.3 x 62 x 9.100,
1	5179150	AR	SHIM, M55.1/55.3 x 62 x 9.125,
1	5179151	AR	SHIM, M55.1/55.3 x 62 x 9.150,
1	5179152	AR	SHIM, M55.1/55.3 x 62 x 9.175,
1	5179153	AR	SHIM, M55.1/55.3 x 62 x 9.200,
1	5179154	AR	SHIM, M55.1/55.3 x 62 x 9.225,
1	5179155	AR	SHIM, M55.1/55.3 x 62 x 9.250,
1	5179156	AR	SHIM, M55.1/55.3 x 62 x 9.275,

1.32.1/01(03) CENTRAL REDUCTION GEARS

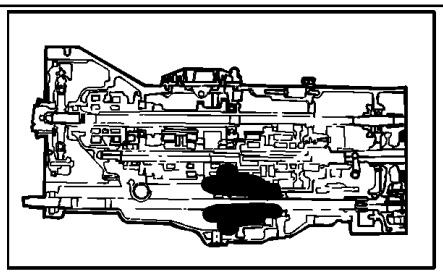


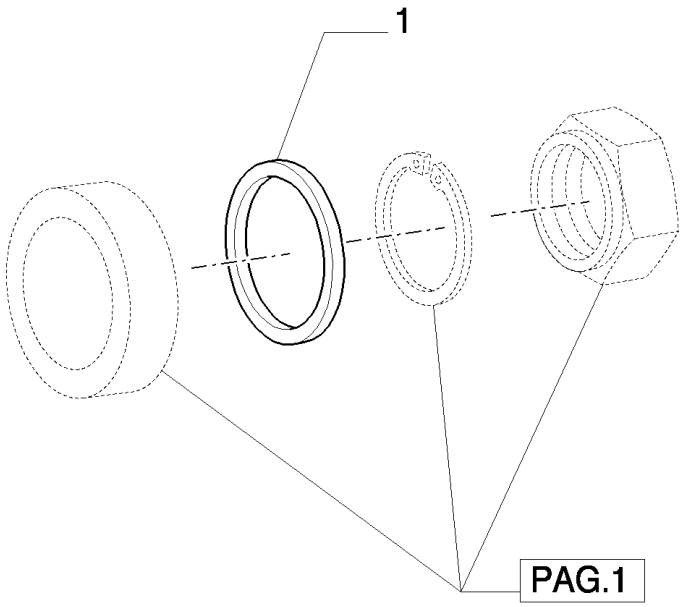


1.32.1/01(03) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5179157	AR	SHIM, M55.1/55.3 x 62 x 9.300,
1	5179158	AR	SHIM, M55.1/55.3 x 62 x 9.325,
1	5179159	AR	SHIM, M55.1/55.3 x 62 x 9.350,
1	5179160	AR	SHIM, M55.1/55.3 x 62 x 9.375,
1	5179161	AR	SHIM, M55.1/55.3 x 62 x 9.400,
1	5179162	AR	SHIM, M55.1/55.3 x 62 x 9.425,
1	5179163	AR	SHIM, M55.1/55.3 x 62 x 9.450,
1	5179164	AR	SHIM, M55.1/55.3 x 62 x 9.475,
1	5179165	AR	SHIM, M55.1/55.3 x 62 x 9.500,
1	5179166	AR	SHIM, M55.1/55.3 x 62 x 9.525,
1	5179167	AR	SHIM, M55.1/55.3 x 62 x 9.550,
1	5179168	AR	SHIM, M55.1/55.3 x 62 x 9.575,
1	5179169	AR	SHIM, M55.1/55.3 x 62 x 9.600,
1	5179170	AR	SHIM, M55.1/55.3 x 62 x 9.625,
1	5179171	AR	SHIM, M55.1/55.3 x 62 x 9.650,
1	5179172	AR	SHIM, M55.1/55.3 x 62 x 10.500,

1.32.1/01(04) CENTRAL REDUCTION GEARS

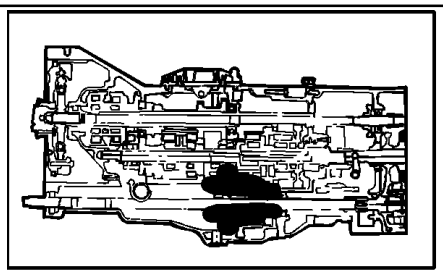


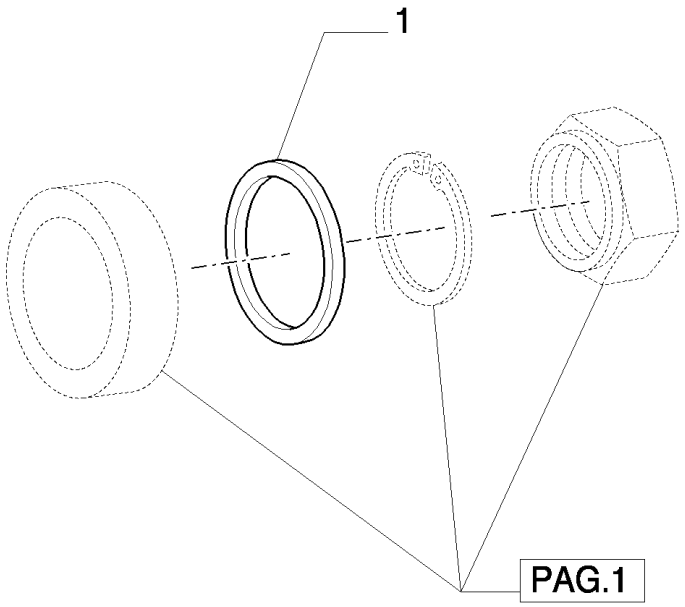


1.32.1/01(04) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5138520	AR	SHIM, 1.70mm Thk,
1	5138521	AR	SHIM, 1.80mm Thk,
1	5138522	AR	SHIM, 1.90mm Thk,
1	5138523	AR	SHIM, 2.00mm Thk,
1	5138524	AR	SHIM, 2.05mm Thk,
1	5138525	AR	SHIM, 2.10mm Thk,
1	5138526	AR	SHIM, 2.15mm Thk,
1	5138527	AR	SHIM, 2.20mm Thk,
1	5138528	AR	SHIM, 2.25mm Thk,
1	5138529	AR	SHIM, 2.30mm Thk ,
1	5138530	AR	SHIM, 2.35mm Thk,
1	5138531	AR	SHIM, 2.40mm Thk,
1	5138532	AR	SHIM, 2.45mm Thk,
1	5138533	AR	SHIM, 2.50mm Thk,
1	5138534	AR	SHIM, 2.55mm Thk,
1	5138535	AR	SHIM, 2.60mm Thk,
1	5138536	AR	SHIM, 2.65mm Thk,
1	5138537	AR	SHIM, 2.70mm Thk,

1.32.1/01(05) CENTRAL REDUCTION GEARS

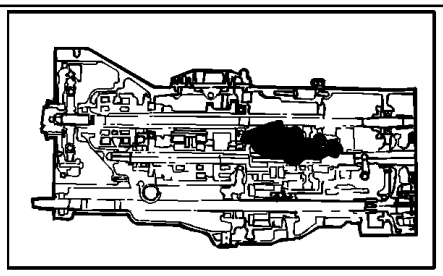


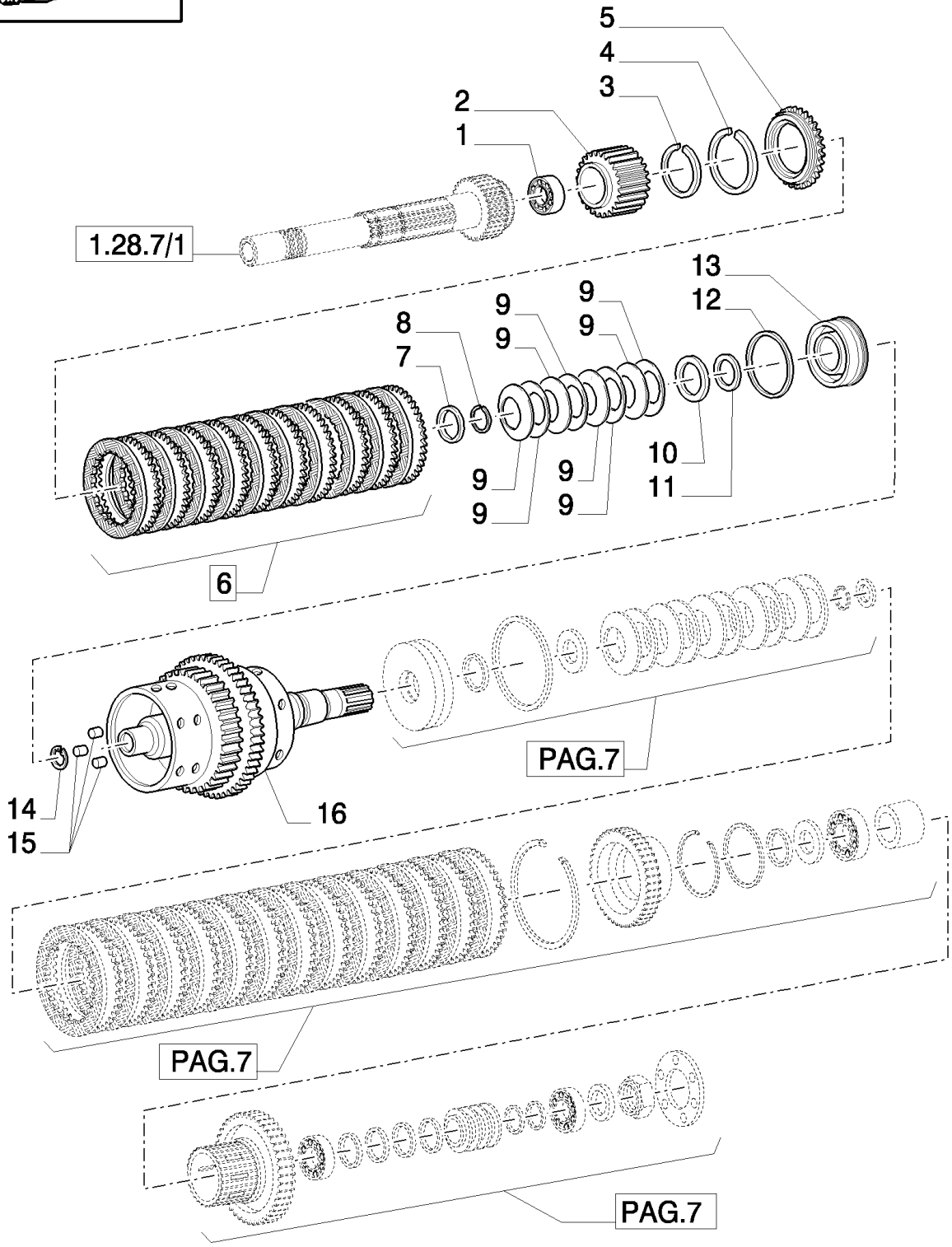


1.32.1/01(05) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5138538	AR	SHIM, 2.75mm Thk,
1	5138539	AR	SHIM, 2.80mm Thk,
1	5138540	AR	SHIM, 2.85mm Thk,
1	5138541	AR	SHIM, 2.90mm Thk,
1	5138542	AR	SHIM, 2.95mm Thk,
1	5138543	AR	SHIM, 3.00mm Thk,
1	5138544	AR	SHIM, 3.10mm Thk,
1	5138545	AR	SHIM, 3.20mm Thk,
1	5138546	AR	SHIM, 3.30mm Thk,
1	5159714	AR	SHIM, 1.75mm Thk,
1	5159715	AR	SHIM, 1.85mm Thk,
1	5159716	AR	SHIM, 1.95mm Thk,
1	5178492	AR	SHIM, 1.50mm Thk,
1	5178493	AR	SHIM, 1.55mm Thk,
1	5178494	AR	SHIM, 1.60mm Thk,
1	5178495	AR	SHIM, 1.65mm Thk,
1	5178496	AR	SHIM, 3.05mm Thk,
1	5178497	AR	SHIM, 3.15mm Thk,
1	5178498	AR	SHIM, 3.25mm Thk,
1	5178499	AR	SHIM, 3.35mm Thk,
1	5178500	AR	SHIM, 3.40mm Thk,

1.32.1/01(06) CENTRAL REDUCTION GEARS

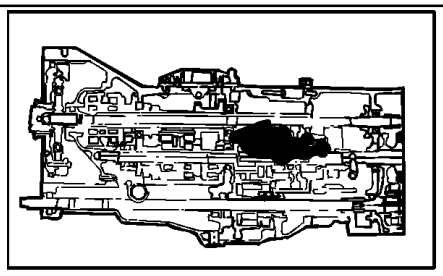


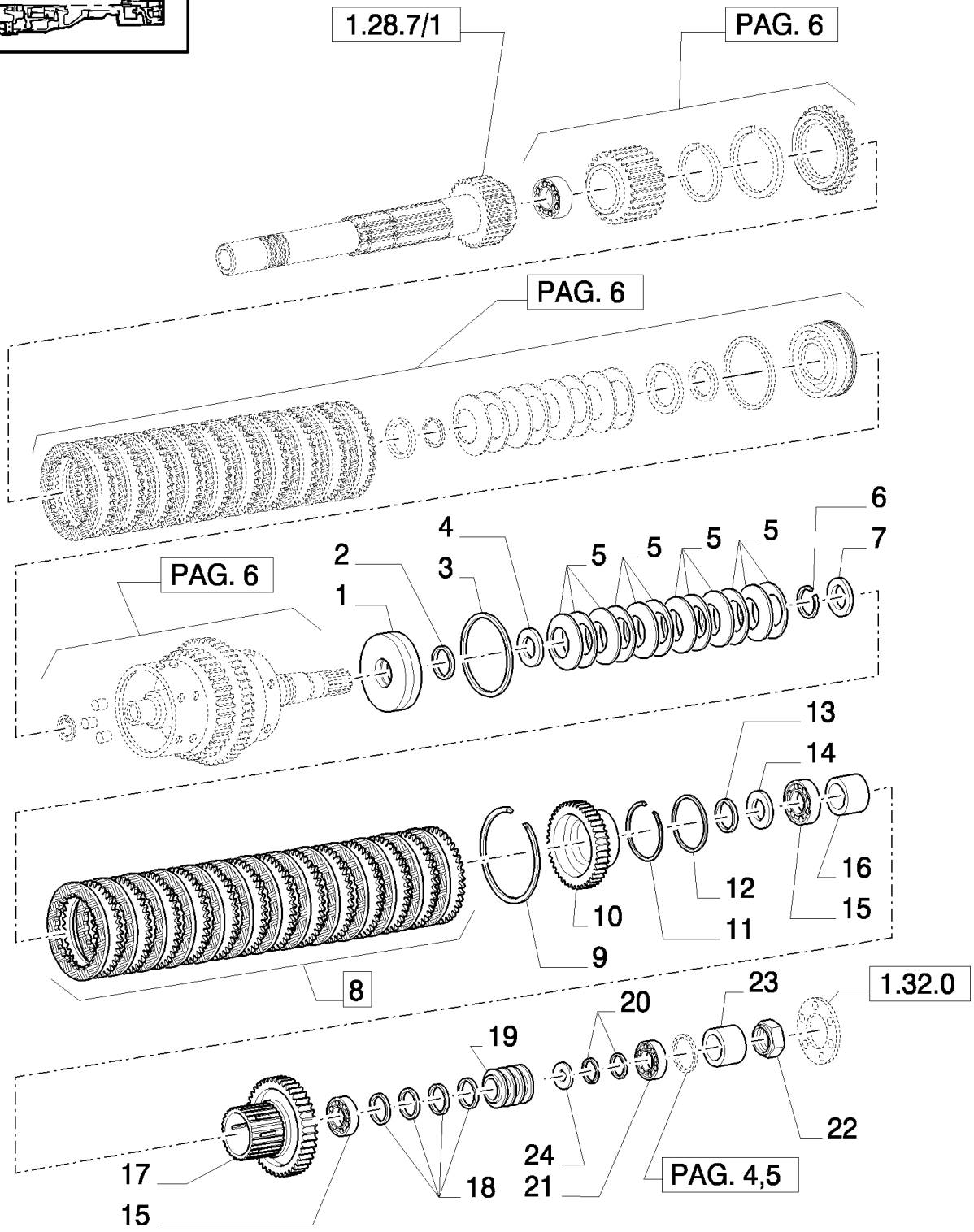


1.32.1/01(06) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5172328	1	BEARING, ROLLER, TAPERED, 40X75X26
2	5172234	1	HUB,
3	5171953	1	RING, LOCKING,
4	5162251	1	RING, LOCKING,
5	5167824	1	DISC,
6	5172229	1	KIT, ASSY
7	5164928	2	RING, 60X70X3
8	5175981	2	RING, LOCKING,
9	5177755	8	SPRING,
10	5164926	1	RING, 61X85X3
11	5162252	1	GASKET,
12	5138955	1	O-RING,
13	5187425	1	PISTON,
14	11059076	1	RING, SNAP, M32, Int,
15	5162260	3	PLUG,
16	5183111	1	SHAFT DRIVEN, Incl. Ref. 14,15

1.32.1/01(07) CENTRAL REDUCTION GEARS

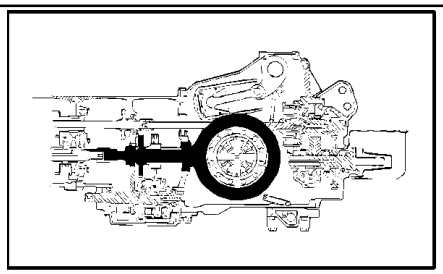


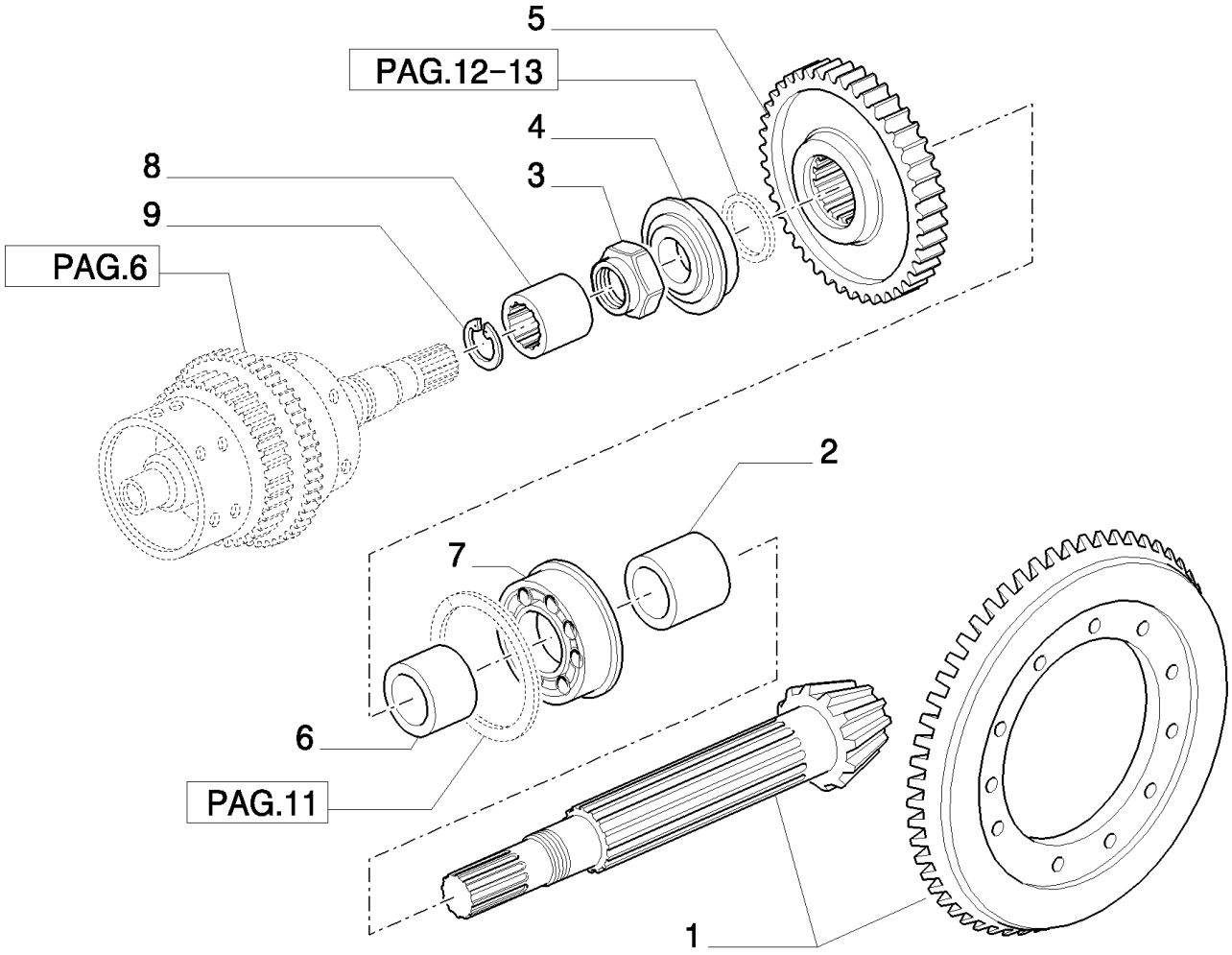


1.32.1/01(07) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5187424	1	PISTON,
2	5162252	1	GASKET,
3	5172302	1	GASKET,
4	5164926	1	RING, 61X85X3
5	5177755	12	SPRING,
6	5175981	1	RING, LOCKING,
7	5164928	1	RING, 60X70X3
8	5199903	1	KIT,
9	5162251	1	RING, LOCKING,
10	5179115	1	DISC,
11	5179124	1	RING, LOCKING,
12	81865152	1	SEAL,
13	5183118	1	SPACER, 55,1/55,3X66X2,5
14	5183706	1	WASHER, THRUST, 55,1X89X1
15	28042510	2	BEARING, BALL, 55 x 90 x 18
16	5179172	1	SHIM, M55.1/55.3 x 62 x 10.500,
17	5196076	1	GEAR,
18	5131232	4	SEALRING,
19	5185208	1	SLEEVE,
20	14455080	2	O-RING, -033, 70 Duro, 1.989" ID x .070" Thk,
21	5187264	1	BEARING, ROLLER, TAPERED, 55X90X23
22	5172206	1	NUT, RING, M50X1,5X20
23	5183720	1	SPACER,
24	5161811	1	SPRING,

1.32.1/01(08) CENTRAL REDUCTION GEARS

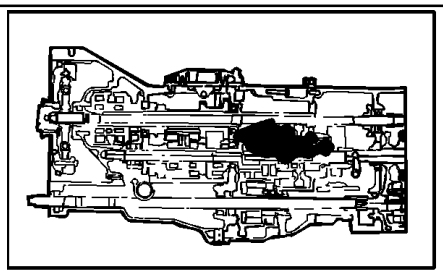


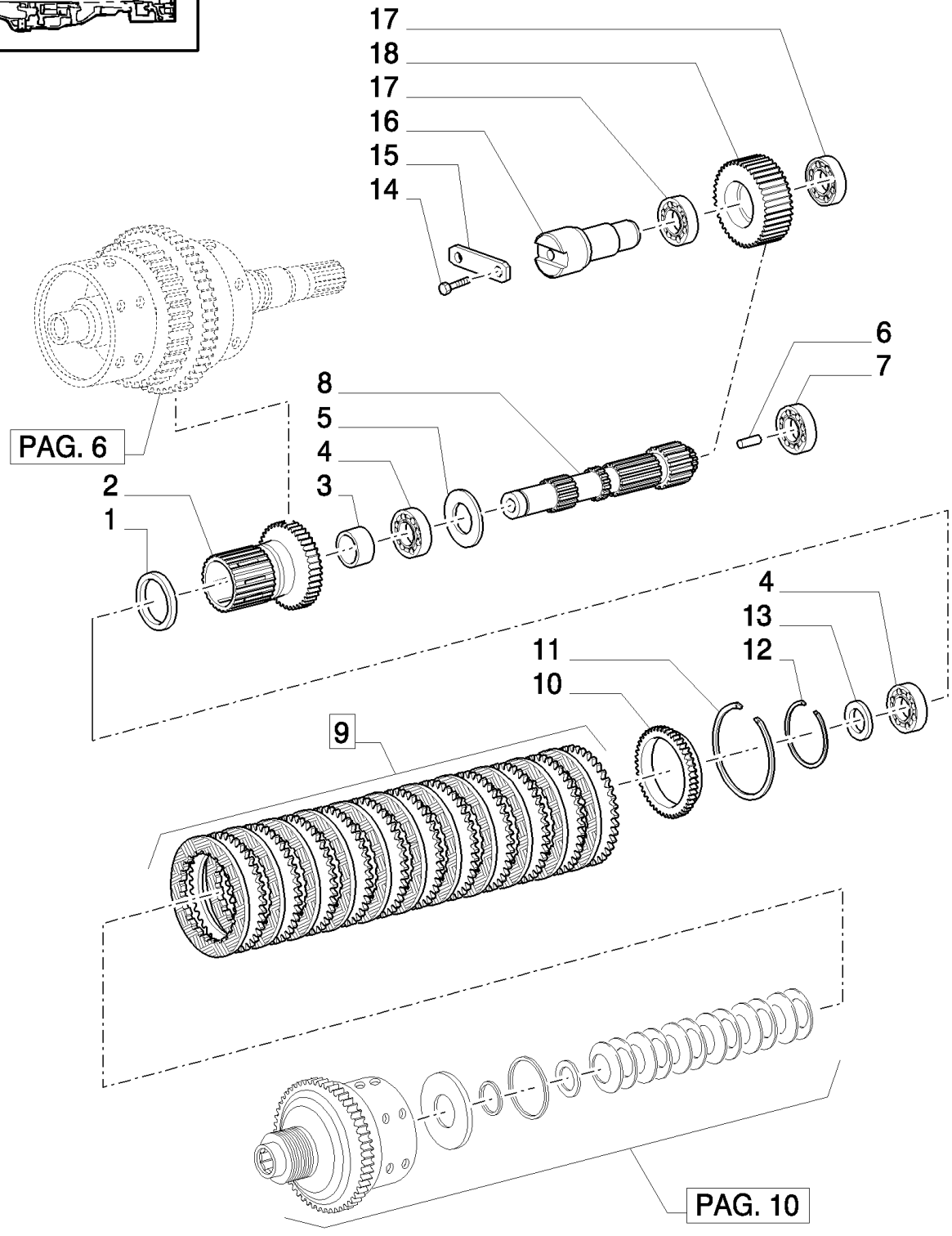


1.32.1/01(08) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5185925	1	GEAR SET, (RATIO 9/42)
2	5195219	1	SPACER,
3	5147930	1	NUT, RING, M45X1,5X17
4	5138727	1	BEARING, ROLLER, TAPERED, 45X100X27,25
5	5195124	1	GEAR, 4WD
6	5189192	1	SPACER, 2WD, -C4959
6	5145129	1	SPACER, 2WD, 55X70X42,5, D4959-
7	5111271	1	BEARING, ROLLER, TAPERED,
8	5176850	1	SLEEVE,
9	11059776	1	RING, SNAP, M38, Int,

1.32.1/01(09) CENTRAL REDUCTION GEARS



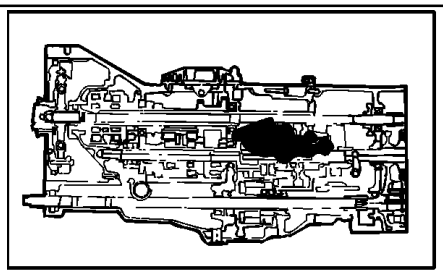


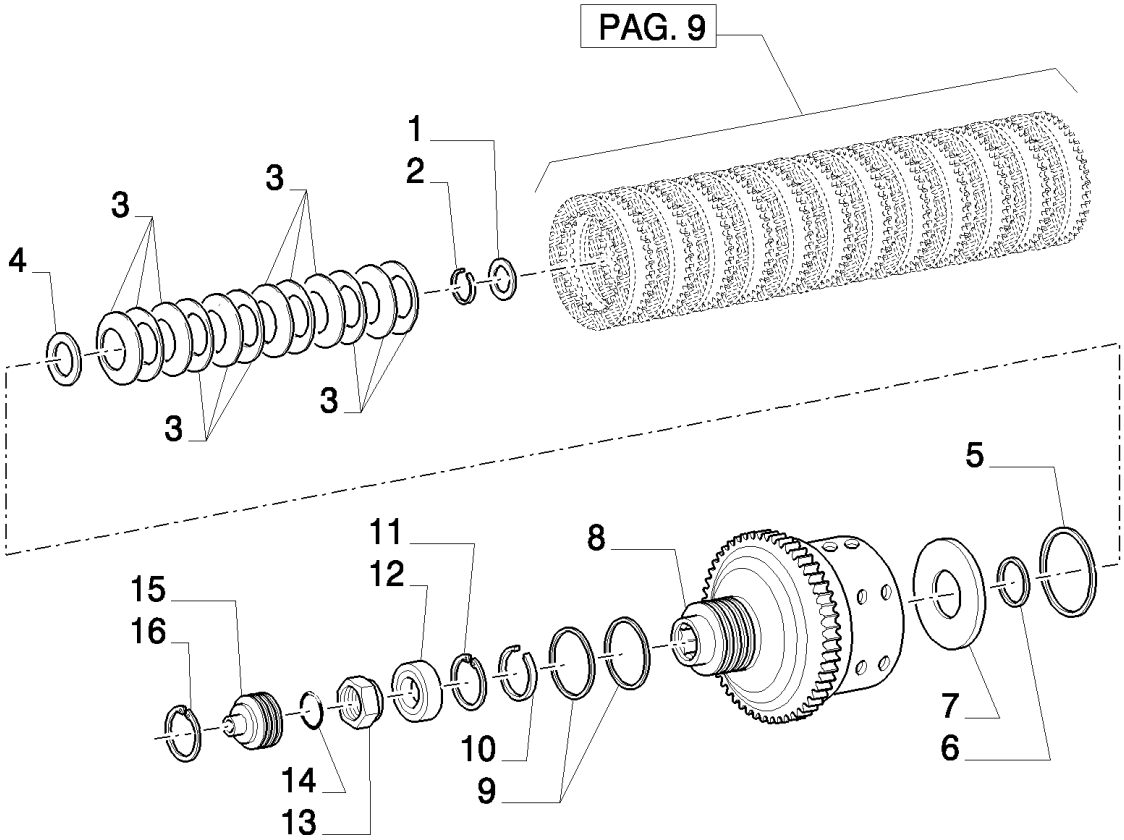
TM190 TRACTOR (6/02-) - Transmission

1.32.1/01(09) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	81865152	1	SEAL,
2	5185166	1	GEAR,
3	5185165	1	SPACER, 55,1/55,3X64X28
4	28042510	2	BEARING, BALL, 55 x 90 x 18
5	5183706	1	WASHER, THRUST, 55,1X89X1
6	5183120	1	SCREW, 55,1/55,3X64X9,5
7	23521100	1	BEARING, BALL, 45X120X29
8	5183134	1	SHAFT,
9	5172232	1	KIT,
10	5179115	1	DISC,
11	5162251	1	RING, LOCKING,
12	5179124	1	RING, LOCKING,
13	5187838	1	SPACER, 46,1/46,3X68X5,5
14	14238024	2	BOLT, Hex Lock, M8 x 20,
15	5179133	1	PLATE,
16	5172246	1	PIN,
17	20915780	2	BEARING, BALL, 40 x 80 x 18
18	5179293	1	GEAR,

1.32.1/01(10) CENTRAL REDUCTION GEARS

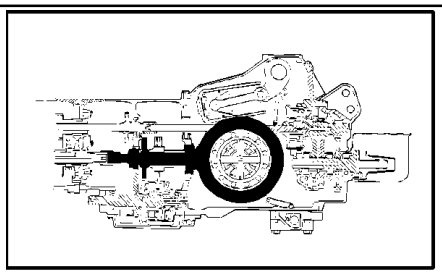


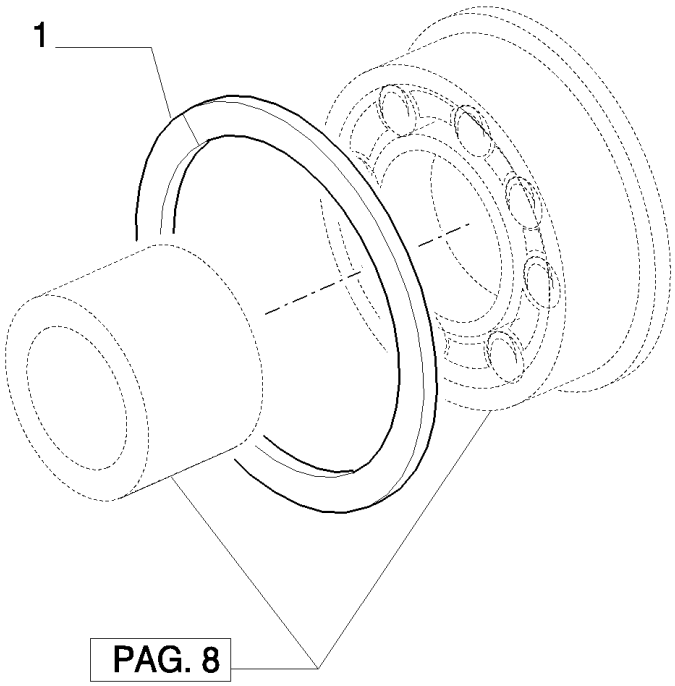


1.32.1/01(10) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5164928	1	RING,
2	5175981	1	RING, LOCKING,
3	5177755	12	SPRING,
4	5187837	1	RING, 61X85,055/85,070X3
5	5172302	1	GASKET,
6	5162252	1	GASKET,
7	5187424	1	PISTON,
8	5183109	1	HUB, , -C5051
8	87303627	1	HUB, , D5051-
9	5131232	2	SEALRING,
10	13398976	1	RING, SNAP, M40, Int,
11	11062476	1	RING, SNAP, M90, Int,
12	20943310	1	BEARING, BALL, 40X90X23
13	5119147	1	NUT, M40X1,5X19,5
14	14460980	1	O-RING, -151, 70 Duro, 2.987" ID x .103" Thk,
15	5172255	1	COVER,
16	11062076	1	RING, SNAP, M82, Int,

1.32.1/01(11) CENTRAL REDUCTION GEARS



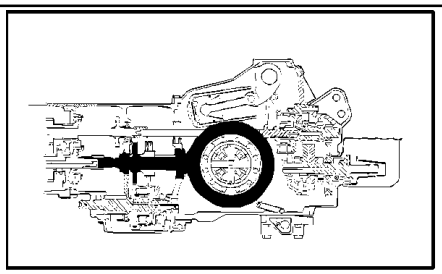


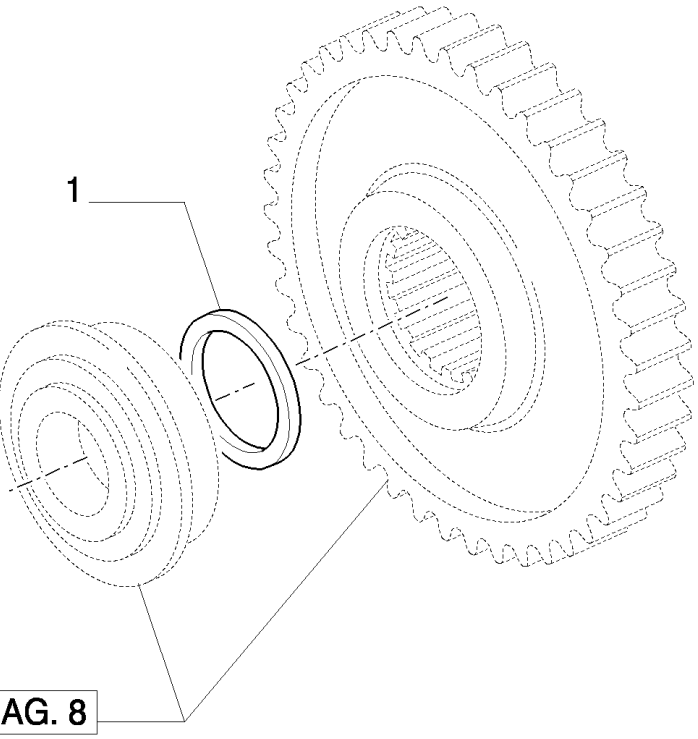
PAG. 8

1.32.1/01(11) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5102442	AR	SHIM, 3.00mm Thk,
1	5102443	AR	SHIM, 3.10mm Thk,
1	5102444	AR	SHIM, 3.20mm Thk,
1	5102445	AR	SHIM, 3.30mm Thk,
1	5102446	AR	SHIM, 3.40mm Thk,
1	5102447	AR	SHIM, 3.5mm Thk,
1	5102448	AR	SHIM, 3.60mm Thk,
1	5102449	AR	SHIM, 3.70mm Thk,
1	5102450	AR	SHIM, 3.80mm Thk,
1	5102451	AR	SHIM, 3.90mm Thk,
1	5102452	AR	SHIM, 4.00mm Thk,
1	5178413	AR	SHIM, 3.05mm Thk,
1	5178414	AR	SHIM, 3.15mm Thk,
1	5178415	AR	SHIM, 3.25mm Thk,
1	5178416	AR	SHIM, 3.35mm Thk,
1	5178417	AR	SHIM, 3.45mm Thk,
1	5178418	AR	SHIM, 3.55mm Thk,
1	5178419	AR	SHIM, 3.65mm Thk,
1	5178420	AR	SHIM, 3.75mm Thk,
1	5178421	AR	SHIM, 3.85mm Thk,
1	5178422	AR	SHIM, 3.95mm Thk,

1.32.1/01(12) CENTRAL REDUCTION GEARS

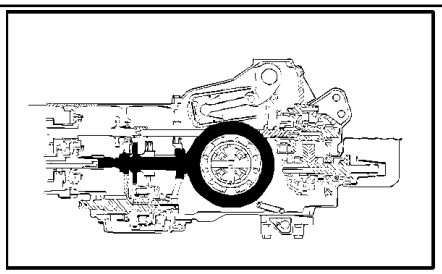


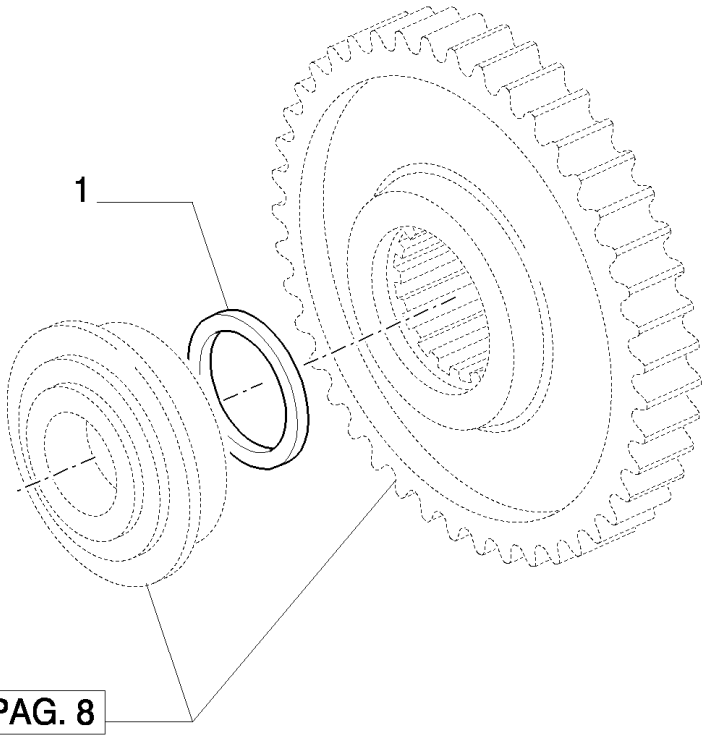


1.32.1/01(12) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5148557	AR	SHIM, 4.400mm Thk,
1	5148558	AR	SHIM, 4.500mm Thk,
1	5148559	AR	SHIM, 4.600mm Thk,
1	5148560	AR	SHIM, 4.700mm Thk,
1	5148561	AR	SHIM, 4.800mm Thk,
1	5148562	AR	SHIM, 4.850mm Thk,
1	5148563	AR	SHIM, 4.900mm Thk,
1	5148564	AR	SHIM, 4.950mm Thk,
1	5148565	AR	SHIM, 5.000mm Thk,
1	5148566	AR	SHIM, 5.050mm Thk,
1	5148567	AR	SHIM, 5.100mm Thk,
1	5148568	AR	SHIM, 5.150mm Thk,
1	5148569	AR	SHIM, 5.200mm Thk,
1	5148570	AR	SHIM, 5.250mm Thk,
1	5148571	AR	SHIM, 5.300mm Thk,
1	5148572	AR	SHIM, 5.350mm Thk,
1	5148573	AR	SHIM, 5.400mm Thk,
1	5148574	AR	SHIM, 5.450mm Thk,

1.32.1/01(13) CENTRAL REDUCTION GEARS

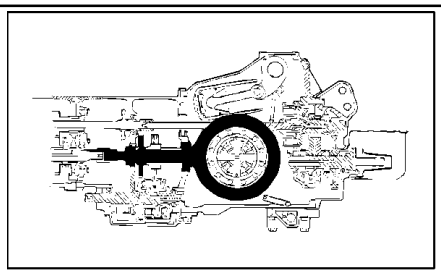


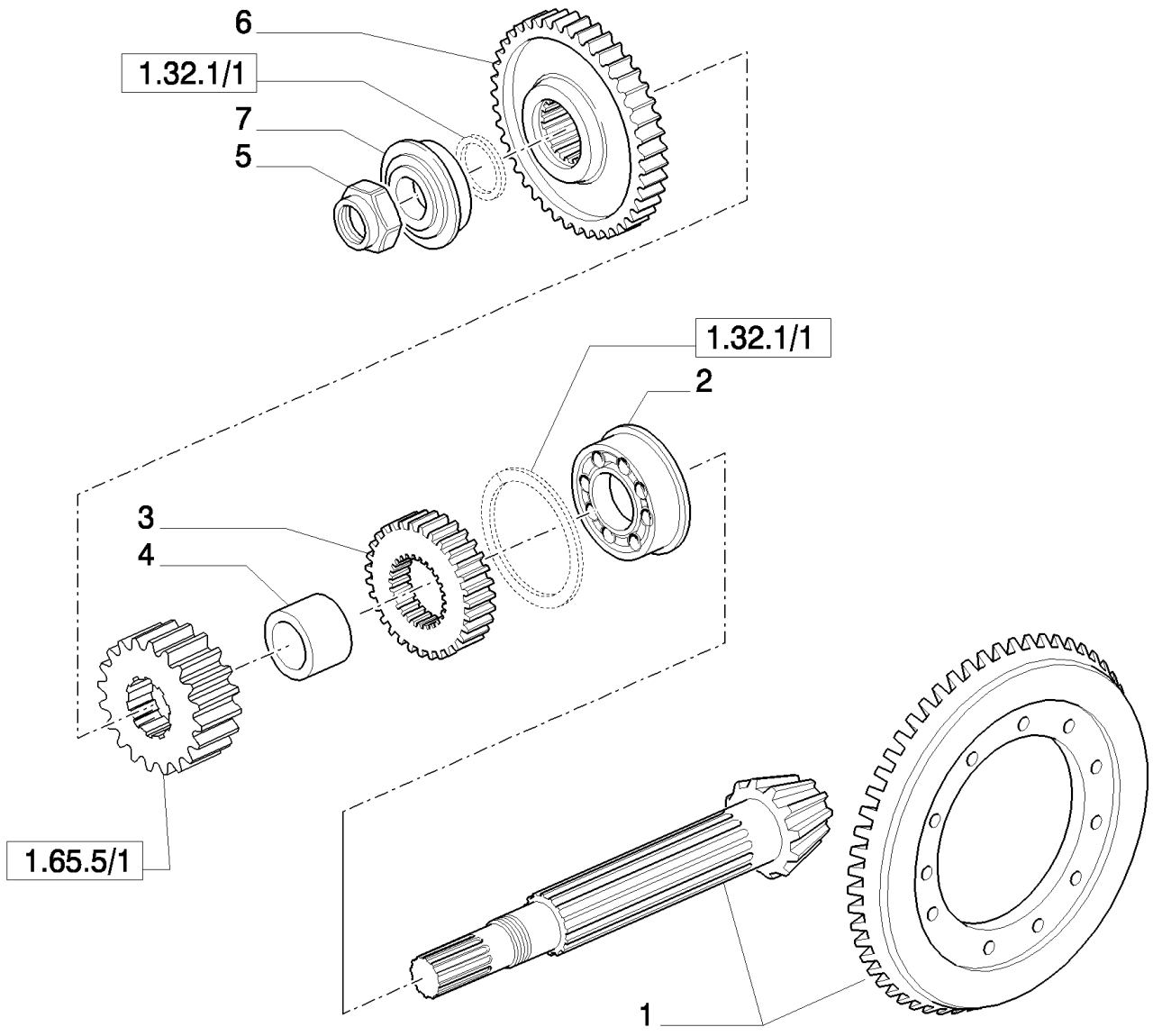


1.32.1/01(13) CENTRAL REDUCTION GEARS

Ref	Part Number	Qty	Description
1	5148575	AR	SHIM, 5.500mm Thk,
1	5148576	AR	SHIM, 5.550mm Thk,
1	5148577	AR	SHIM, 5.600mm Thk,
1	5148578	AR	SHIM, 5.650mm Thk,
1	5148579	AR	SHIM, 5.700mm Thk,
1	5148580	AR	SHIM, 5.750mm Thk,
1	5148581	AR	SHIM, 5.800mm Thk,
1	5148582	AR	SHIM, 5.850mm Thk,
1	5148583	AR	SHIM, 5.900mm Thk,
1	5148584	AR	SHIM, 5.950mm Thk,
1	5148585	AR	SHIM, 6.000mm Thk,
1	5148586	AR	SHIM, 6.050mm Thk,
1	5148587	AR	SHIM, 6.100mm Thk,
1	5148588	AR	SHIM, 6.150mm Thk,
1	5148589	AR	SHIM, 6.200mm Thk,
1	5148590	AR	SHIM, 6.300mm Thk,
1	5148591	AR	SHIM, 6.400mm Thk,
1	5148592	AR	SHIM, 6.500mm Thk,
1	5148593	AR	SHIM, 6.600mm Thk,

1.32.1/04 (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - BEVEL GEAR PAIR AND RELEVANT GEARS

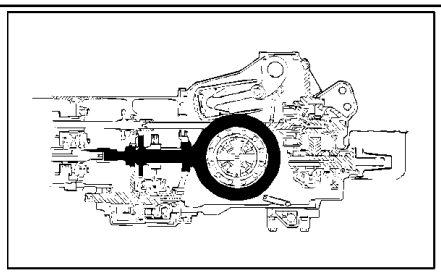


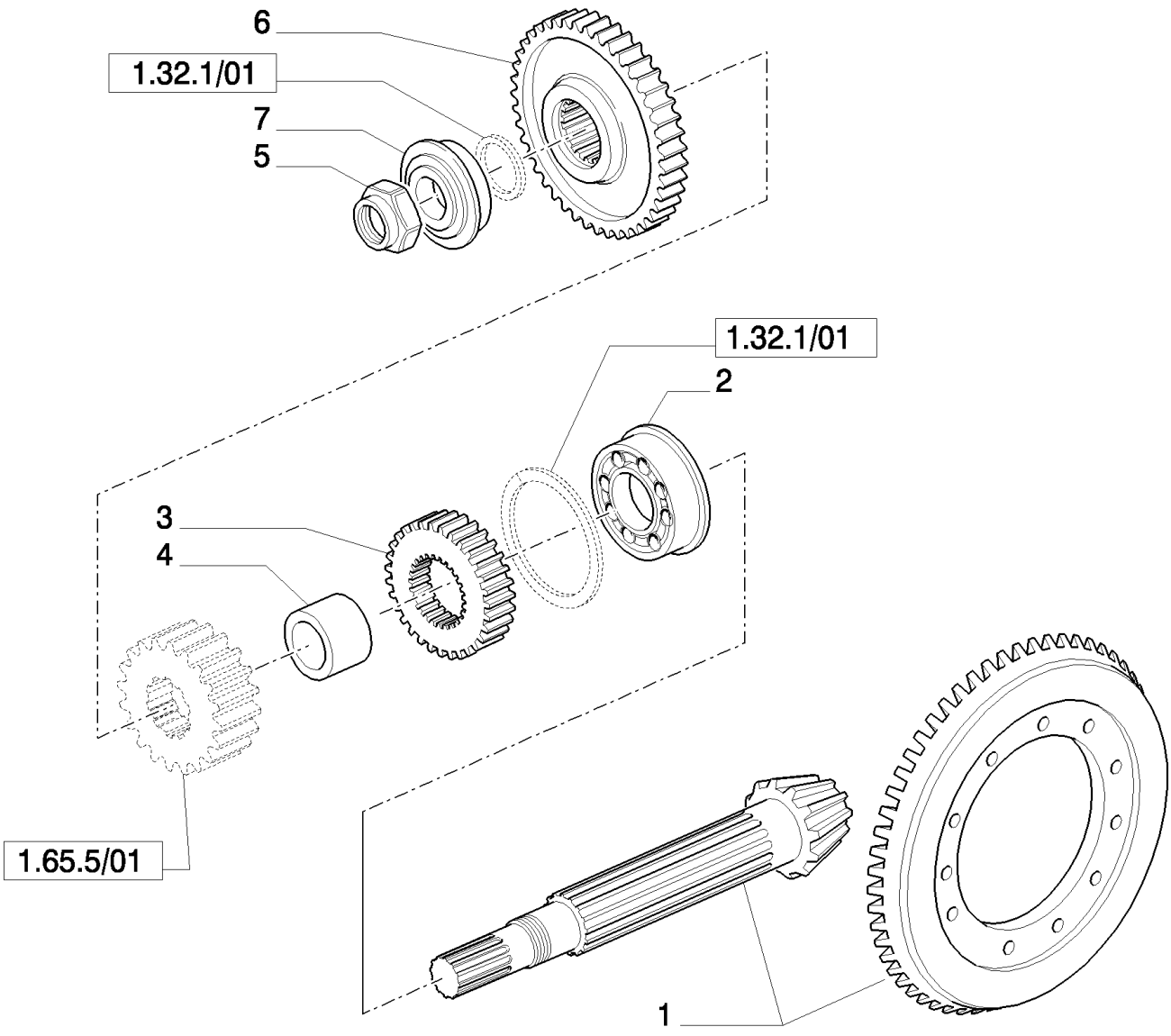


1.32.1/04 (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - BEVEL GEAR PAIR AND RELEVANT GEARS

Ref	Part Number	Qty	Description
1	5185925	1	GEAR SET, R.9/42
2	5111271	1	BEARING, ROLLER, TAPERED,
3	5197195	1	GEAR,
4	5197200	1	SPACER,
5	5147930	1	NUT, RING,
6	5195124	1	GEAR,
7	5138727	1	BEARING, ROLLER, TAPERED,

1.32.1/05 (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - BEVEL GEAR PAIR AND RELEVANT GEARS

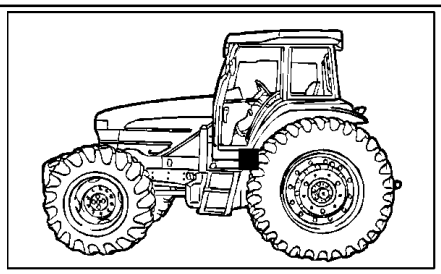


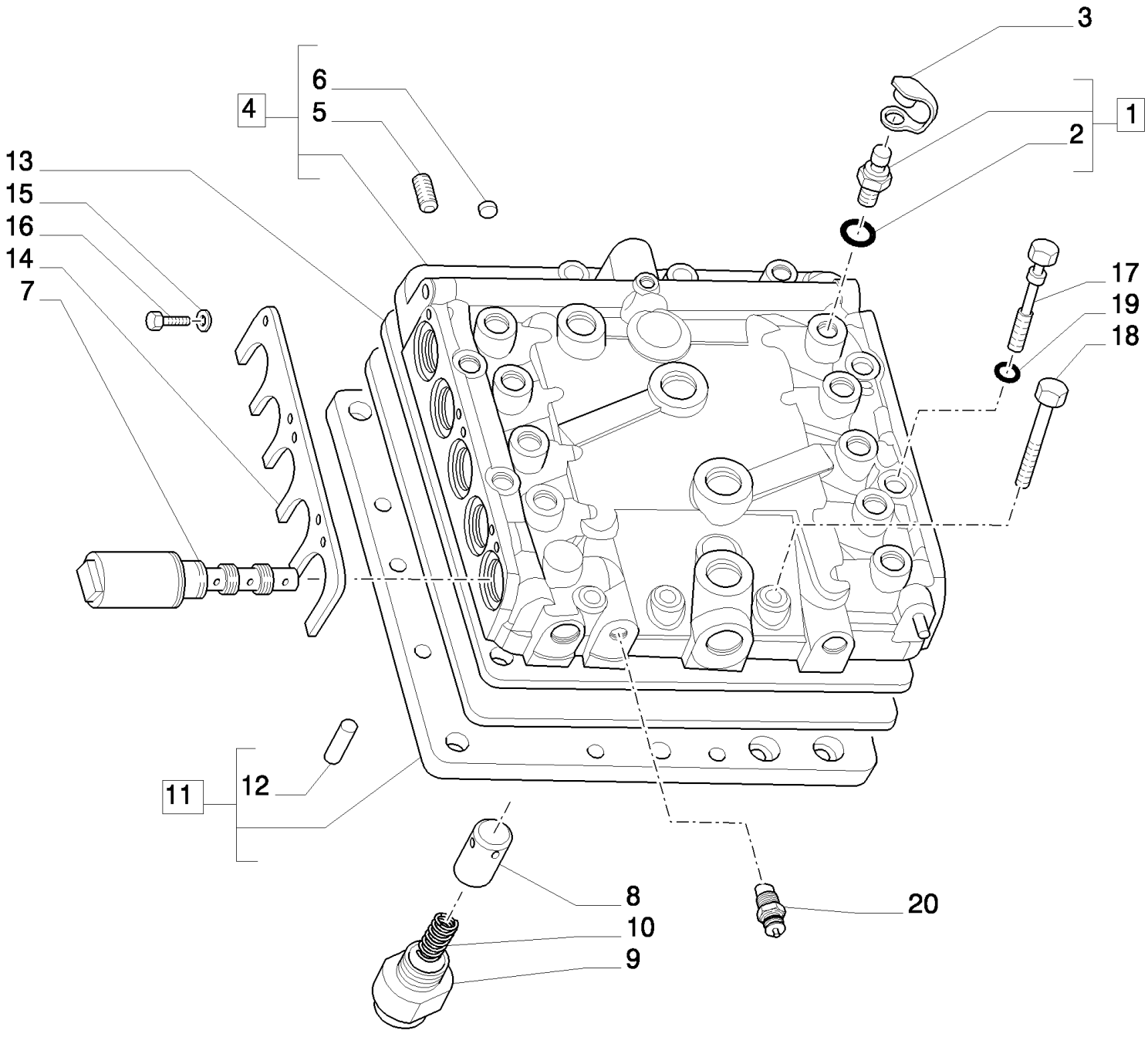


1.32.1/05 (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - BEVEL GEAR PAIR AND RELEVANT GEARS

Ref	Part Number	Qty	Description
1	5185925	1	GEAR SET, R.9/42
2	5111271	1	BEARING, ROLLER, TAPERED,
3	5197195	1	GEAR,
4	5197200	1	SPACER,
5	5147930	1	NUT, RING,
6	5195124	1	GEAR,
7	5138727	1	BEARING, ROLLER, TAPERED,

1.32.2/02(01) CENTRAL REDUCTION GEAR CONTROLS

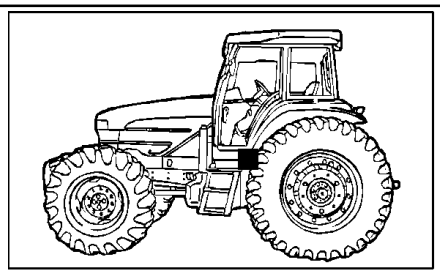


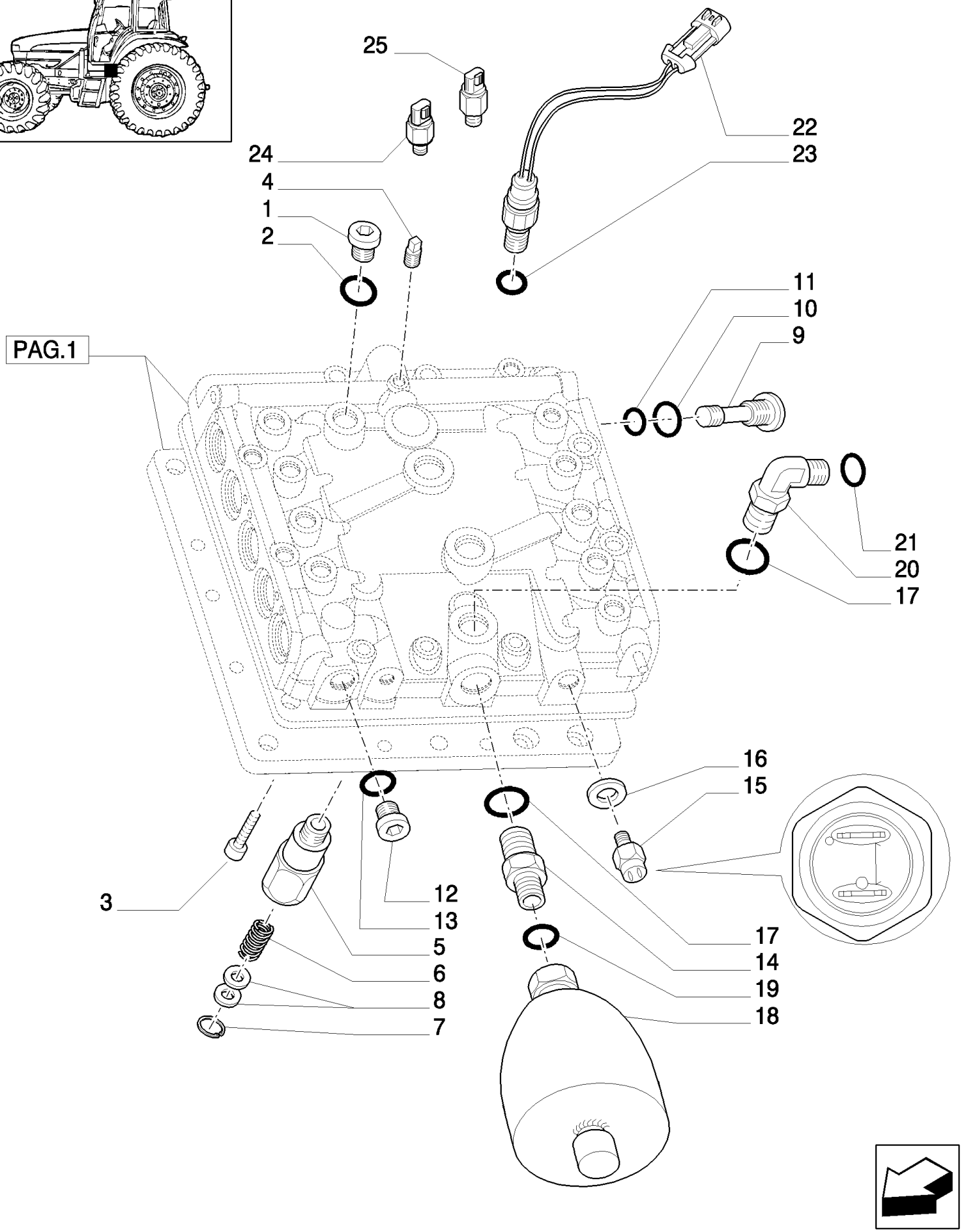


1.32.2/02(01) CENTRAL REDUCTION GEAR CONTROLS

Ref	Part Number	Qty	Description
1	5185423	5	COUPLING,
2	14437785	6	O-RING, 11.3MM ID x 2.4 Thk,
3	5185424	5	PLUG,
4	47126230	1	COVER, TOP,
5	14326004	4	PLUG, M10 x 1.25
6	14328401	1	PLUG, M14, Tapered,
7	5196873	9	VALVE, SOLENOID, 132 mm
8	5187494	1	VALVE, BY-PASS,
9	5183477	1	BODY,
10	5176720	1	SPRING,
11	47126239	1	PLATE,
12	5153109	1	DOWEL,
13	5194959	1	GASKET,
14	47126217	1	PLATE,
15	11197774	10	WASHER, SPRING, Belleville, M6.4,
16	14433121	10	SCREW, Hex Soc Hd, M6 x 18, 8.8,
17	11343724	4	BOLT, Hex, M10 x 1.25 x 65, 8.8,
18	47126246	4	SCREW,
19	14437685	4	O-RING, 9.3MM ID x 2.4 Thk,
20	82028133	1	SENDER UNIT, Trans. Temp.

1.32.2/02(02) CENTRAL REDUCTION GEAR CONTROLS



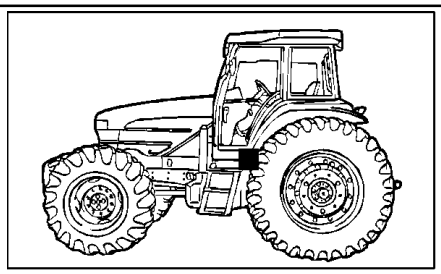


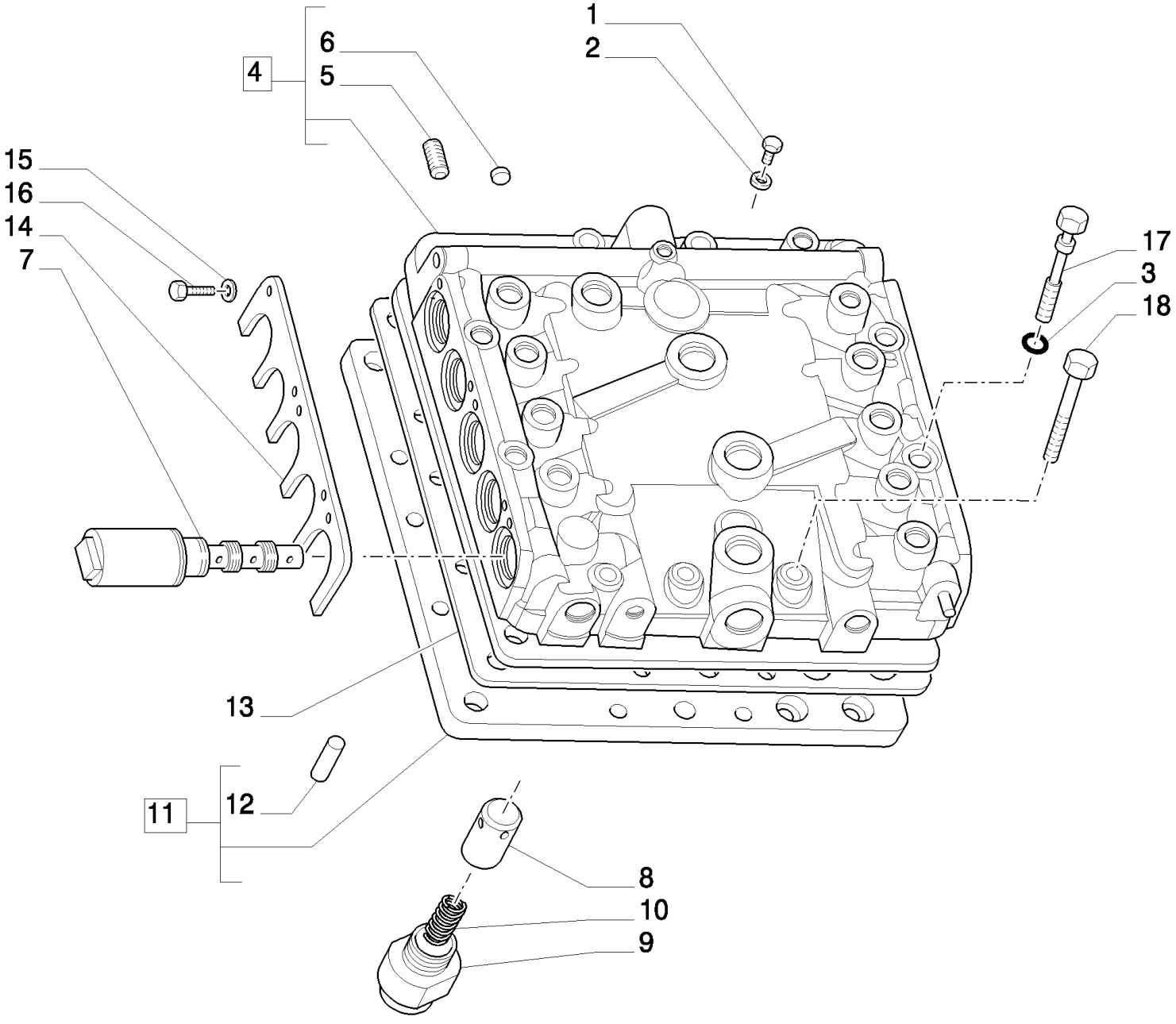
1.32.2/02(02) CENTRAL REDUCTION GEAR CONTROLS

Ref	Part Number	Qty	Description
1	10119311	1	PLUG, M16 x 1.5 x 12, Cl5.8,
2	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,
3	14302837	8	SCREW, Hex Soc Hd, M8 x 18, 10.9,
4	14324011	1	PLUG,
5	5198572	1	VALVE,
6	5114402	1	SPRING,
7	11057476	1	RING, SNAP, M16, Int,
8	12644404	2	WASHER, M6 x 15 x 1,
9	5194991	1	PLUG,
10	5135736	1	O-RING, -019, Cl 9, .801" ID x .070" Thk,
11	14457081	1	O-RING, -112, Cl 7, .487" ID x .103" Thk,
12	10119414	1	PLUG, M18 x 1.5 x 16,
13	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
14	5186462	1	CONNECTOR, HYD.,
15	87395493	1	SWITCH, PRESSURE, Trans. Oil
16	2854292	1	GASKET,
17	14438085	2	O-RING, 19.3MM ID x 2.4 Thk,
18	5195043	1	ACCUMULATOR,
19	14453181	1	O-RING, -014, Cl 7, .489" ID x .070" Thk,
20	5192286	1	ELBOW,
21	5185512	1	O-RING, 15,6 ID x 1,78 Thk
22	82028159	4	SWITCH, PRESSURE, 14mm thread, BSN ACM247564
23	14437785	4	O-RING, 11.3MM ID x 2.4 Thk,
24	87308216	4	SWITCH, PRESSURE, , ACM247565-C5361
25	87533797	1	SWITCH, PRESSURE, , D5361-

D4993 Serial N.ACM247565 D5362 After Date 04 April 2006

1.32.2/05(01) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - CENTRAL GEAR REDUCTION CONTROLS

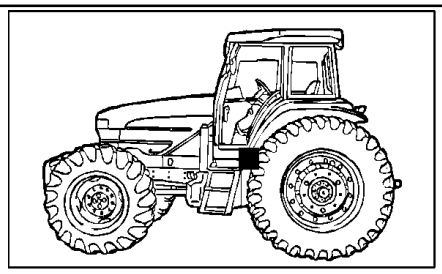


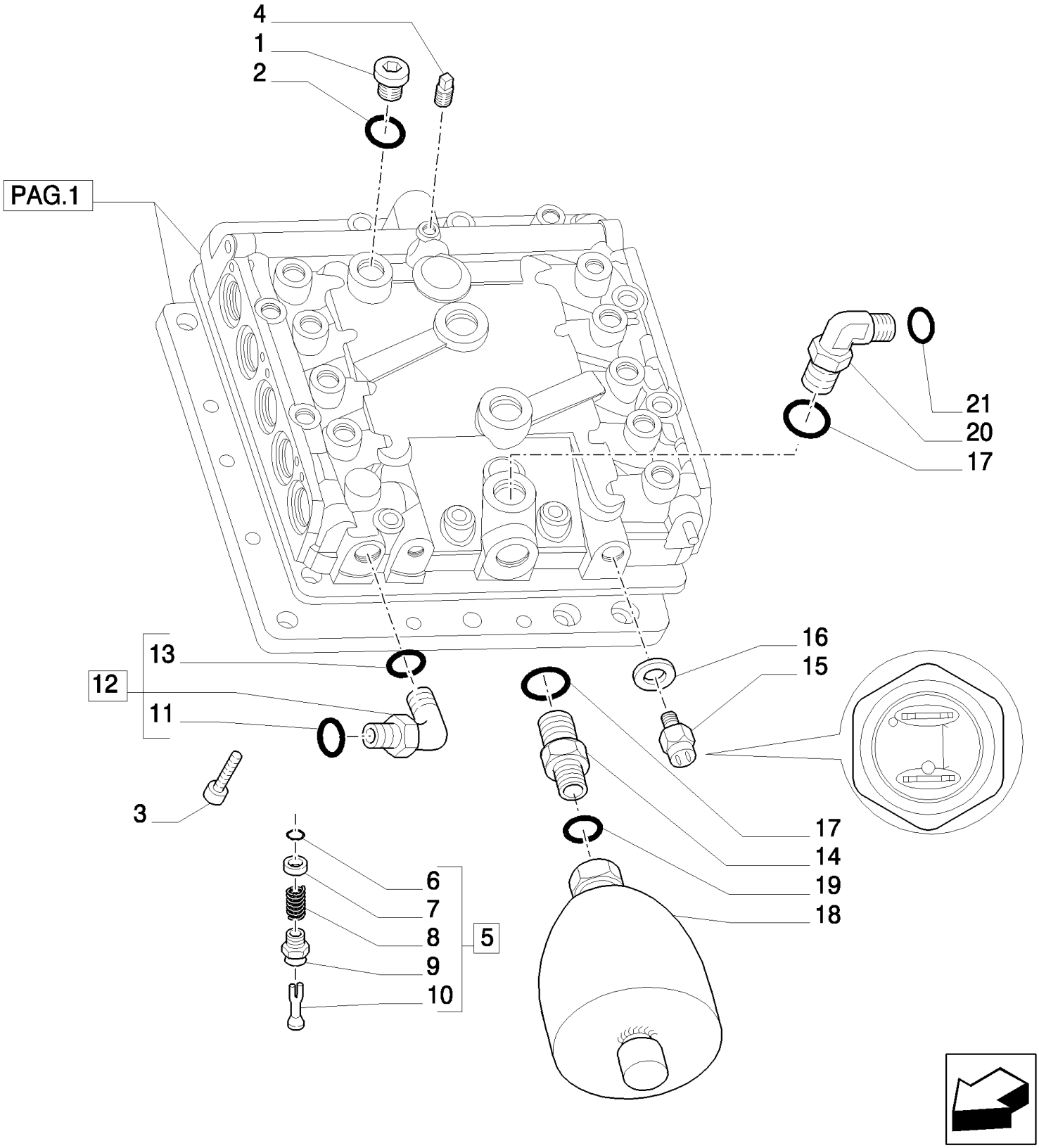


1.32.2/05(01) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - CENTRAL GEAR REDUCTION CONTROLS

Ref	Part Number	Qty	Description
1	11903011	6	PLUG, M10 x 1 x 11, Cl5.8,
2	10260960	6	WASHER, COPPER, M10.2 x 14 x 1.5,
3	14437685	4	O-RING, 9.3MM ID x 2.4 Thk,
4	47126230	1	COVER, TOP,
5	14326004	4	PLUG, M10 x 1.25
6	14328401	1	PLUG, M14, Tapered,
7	5196873	9	VALVE, SOLENOID, 132 mm
8	5187494	1	VALVE, BY-PASS,
9	5183477	1	BODY,
10	5176720	1	SPRING,
11	47126239	1	PLATE,
12	5153109	1	DOWEL,
13	5194959	1	GASKET,
14	47126217	1	PLATE,
15	11197774	10	WASHER, SPRING, Belleville, M6.4,
16	14433121	10	SCREW, Hex Soc Hd, M6 x 18, 8.8,
17	11343724	4	BOLT, Hex, M10 x 1.25 x 65, 8.8,
18	47126246	4	SCREW,

1.32.2/05(02) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - CENTRAL GEAR REDUCTION CONTROLS



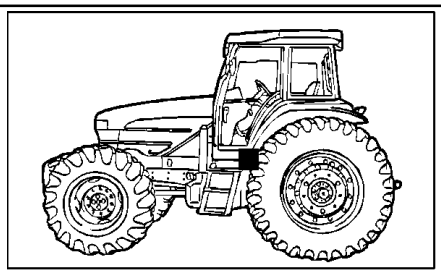


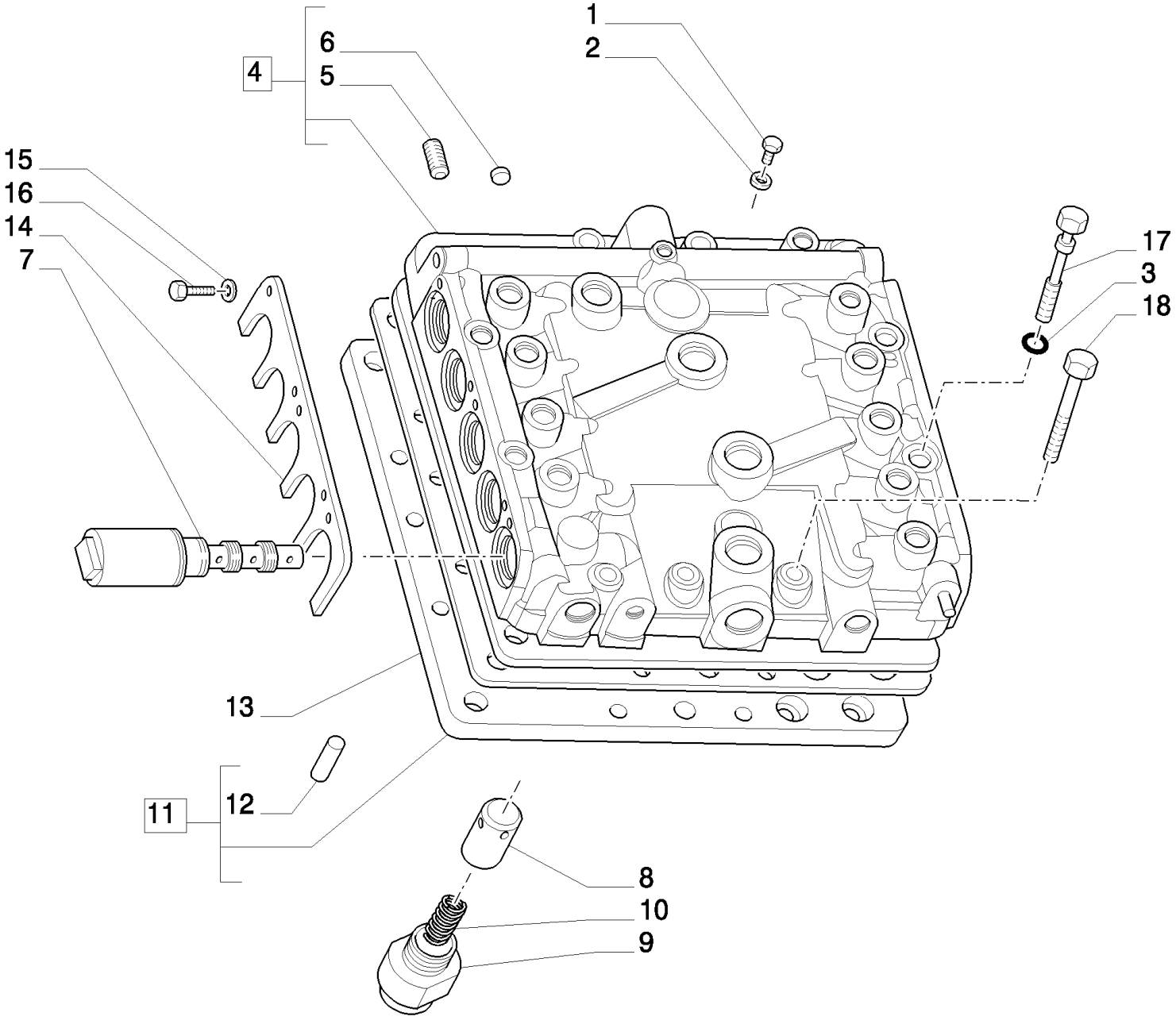
TM190 TRACTOR (6/02-) - Transmission

1.32.2/05(02) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - CENTRAL GEAR REDUCTION CONTROLS

Ref	Part Number	Qty	Description
1	10119311	1	PLUG, M16 x 1.5 x 12, Cl5.8,
2	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,
3	14306331	8	SCREW, Hex Soc Hd, M8 x 20, 10.9,
4	14324011	1	PLUG,
5	5170391	1	VALVE,
6	5165486	1	RING, LOCKING,
7	5165438	1	SPACER,
8	5105968	1	SPRING,
9	5165488	1	CONNECTOR, HYD.,
10	5165484	1	VALVE,
11	5185511	1	O-RING, 12.42 x 1.78
12	5185052	1	ELBOW, Incl. Ref. 11,13
13	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
14	5186462	1	CONNECTOR, HYD.,
15	87395493	1	SWITCH, PRESSURE, Trans. Oil
16	2854292	1	GASKET,
17	14438085	2	O-RING, 19.3MM ID x 2.4 Thk,
18	5195043	1	ACCUMULATOR,
19	14453181	1	O-RING, -014, Cl 7, .489" ID x .070" Thk,
20	5192286	1	ELBOW, Incl. Ref. 17,21
21	5185512	1	O-RING, 15,6 ID x 1,78 Thk

1.32.2/06(01) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - CENTRAL GEAR REDUCTION CONTROLS

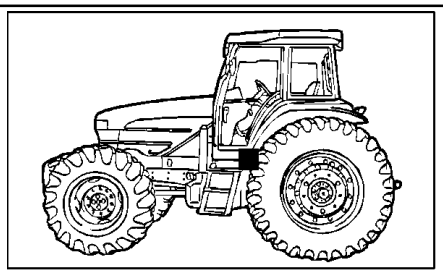


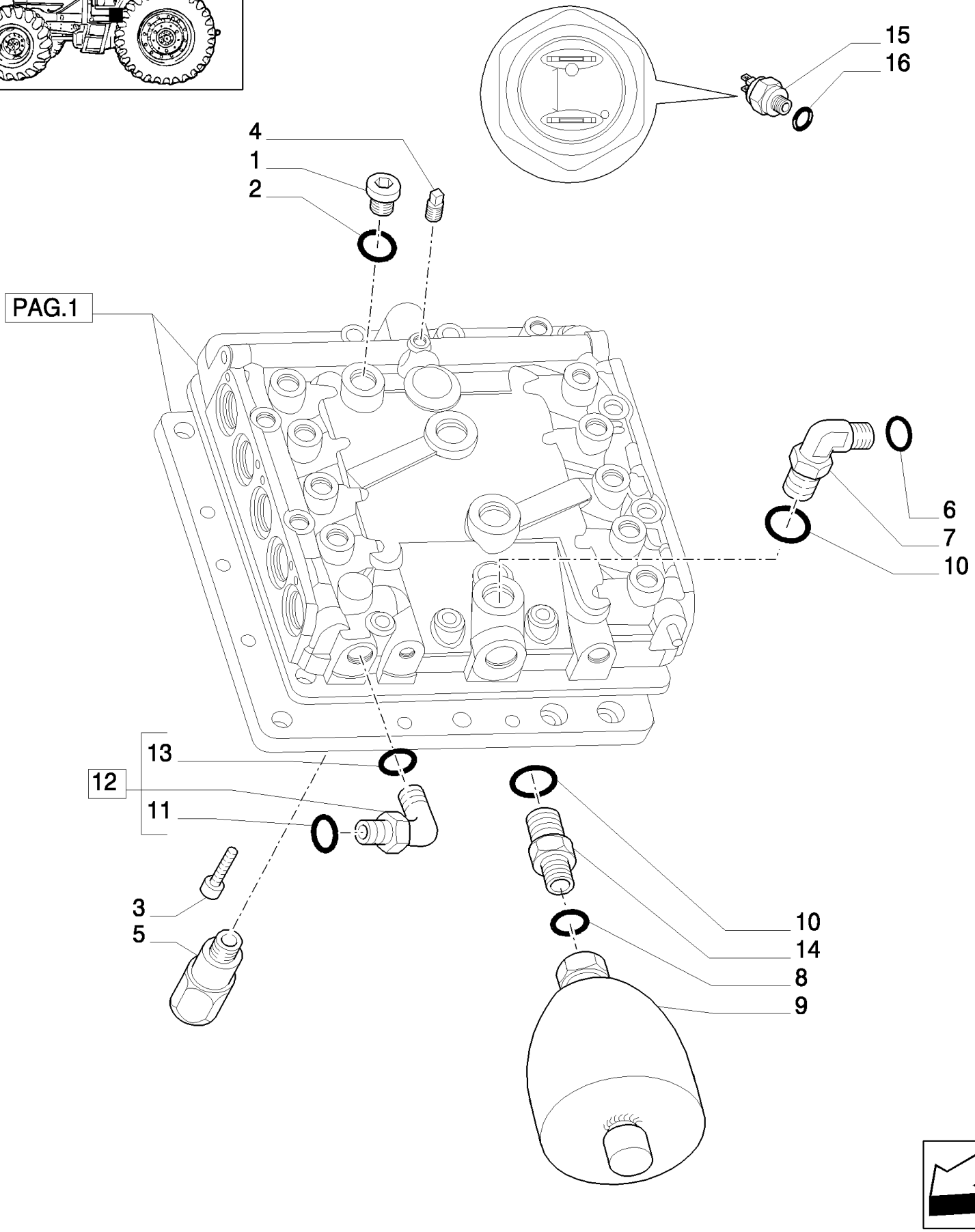


1.32.2/06(01) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - CENTRAL GEAR REDUCTION CONTROLS

Ref	Part Number	Qty	Description
1	11903011	6	PLUG, M10 x 1 x 11, Cl5.8,
2	10260960	6	WASHER, COPPER, M10.2 x 14 x 1.5,
3	14437685	4	O-RING, 9.3MM ID x 2.4 Thk,
4	47126230	1	COVER, TOP,
5	14326004	4	PLUG, M10 x 1.25
6	14328401	1	PLUG, M14, Tapered,
7	5196873	10	VALVE, SOLENOID, 132 mm
8	5187494	1	VALVE, BY-PASS,
9	5183477	1	BODY,
10	5176720	1	SPRING,
11	47126239	1	PLATE,
12	5153109	1	DOWEL,
13	5194959	1	GASKET,
14	47126217	1	PLATE,
15	11197774	10	WASHER, SPRING, Belleville, M6.4,
16	14433121	10	SCREW, Hex Soc Hd, M6 x 18, 8.8,
17	11343724	4	BOLT, Hex, M10 x 1.25 x 65, 8.8,
18	47126246	4	SCREW,

1.32.2/06(02) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - CENTRAL GEAR REDUCTION CONTROLS



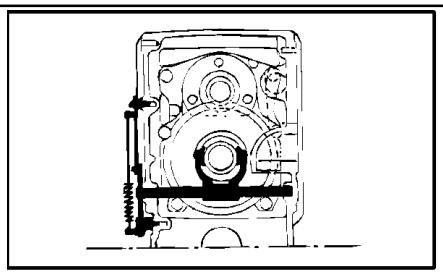


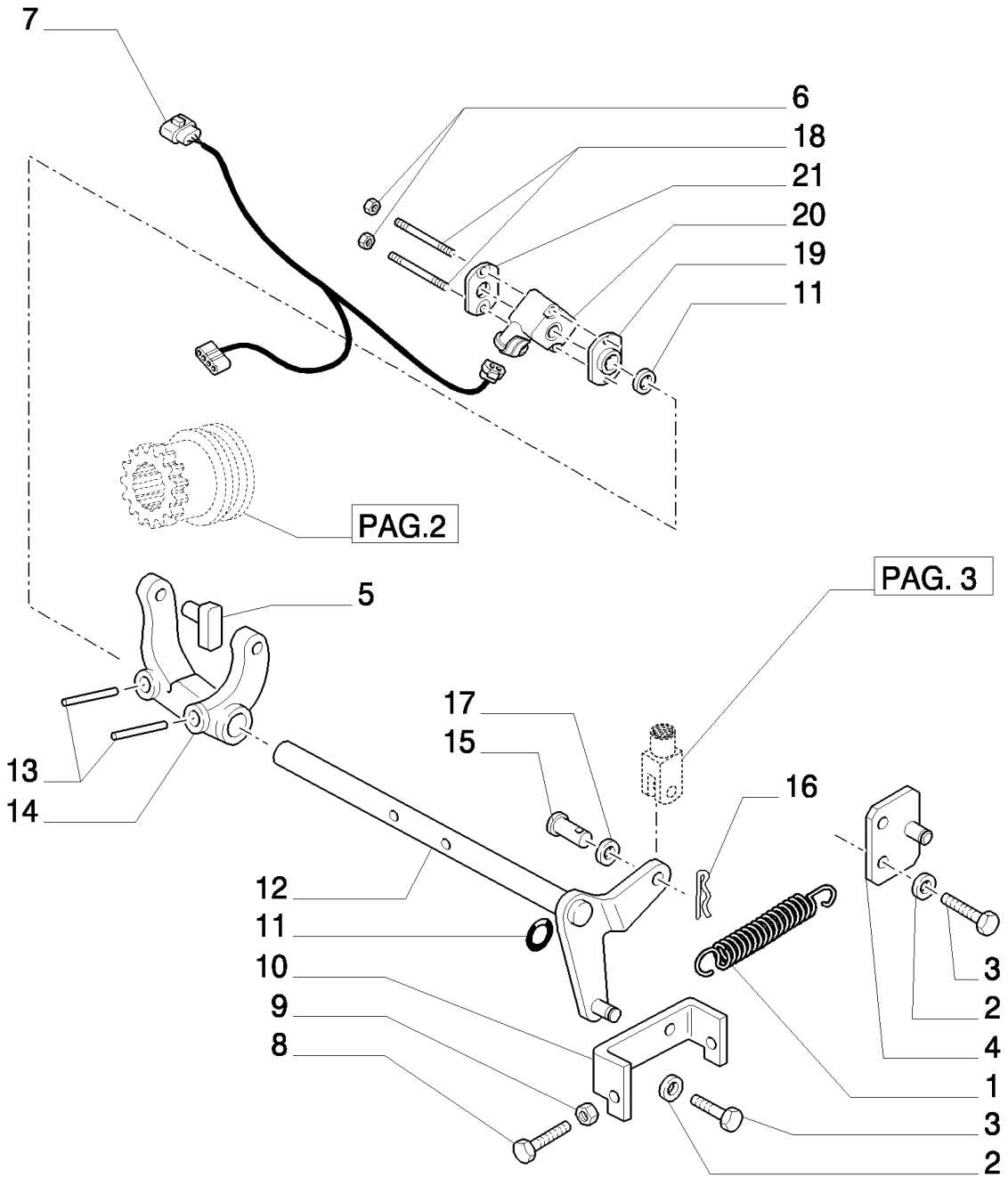
TM190 TRACTOR (6/02-) - Transmission

1.32.2/06(02) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - CENTRAL GEAR REDUCTION CONTROLS

Ref	Part Number	Qty	Description
1	10119311	1	PLUG, M16 x 1.5 x 12, Cl5.8,
2	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,
3	14306331	8	SCREW, Hex Soc Hd, M8 x 20, 10.9,
4	14324011	1	PLUG,
5	5198572	1	VALVE,
6	5185512	1	O-RING, 15,6 ID x 1,78 Thk
7	5192286	1	ELBOW, Incl. Ref. 17,21
8	14453181	1	O-RING, -014, Cl 7, .489" ID x .070" Thk,
9	5195043	1	ACCUMULATOR,
10	14438085	2	O-RING, 19.3MM ID x 2.4 Thk,
11	5185511	1	O-RING, 12.42 x 1.78
12	5185052	1	ELBOW, Incl. Ref. 11,13
13	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
14	5186462	1	CONNECTOR, HYD.,
15	87395493	1	SWITCH, PRESSURE, Trans. Oil
16	2854292	1	GASKET,

1.32.3/03(01) (VAR.146/1) SUPP. GEAR REDUCTION UNIT FOR FULL POWER SHIFT - REDUCTION UNIT CONTROLS

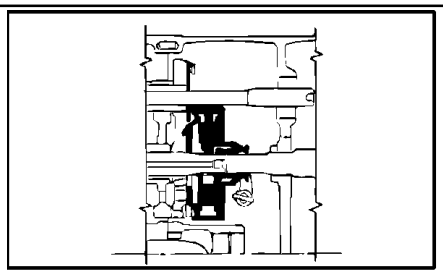


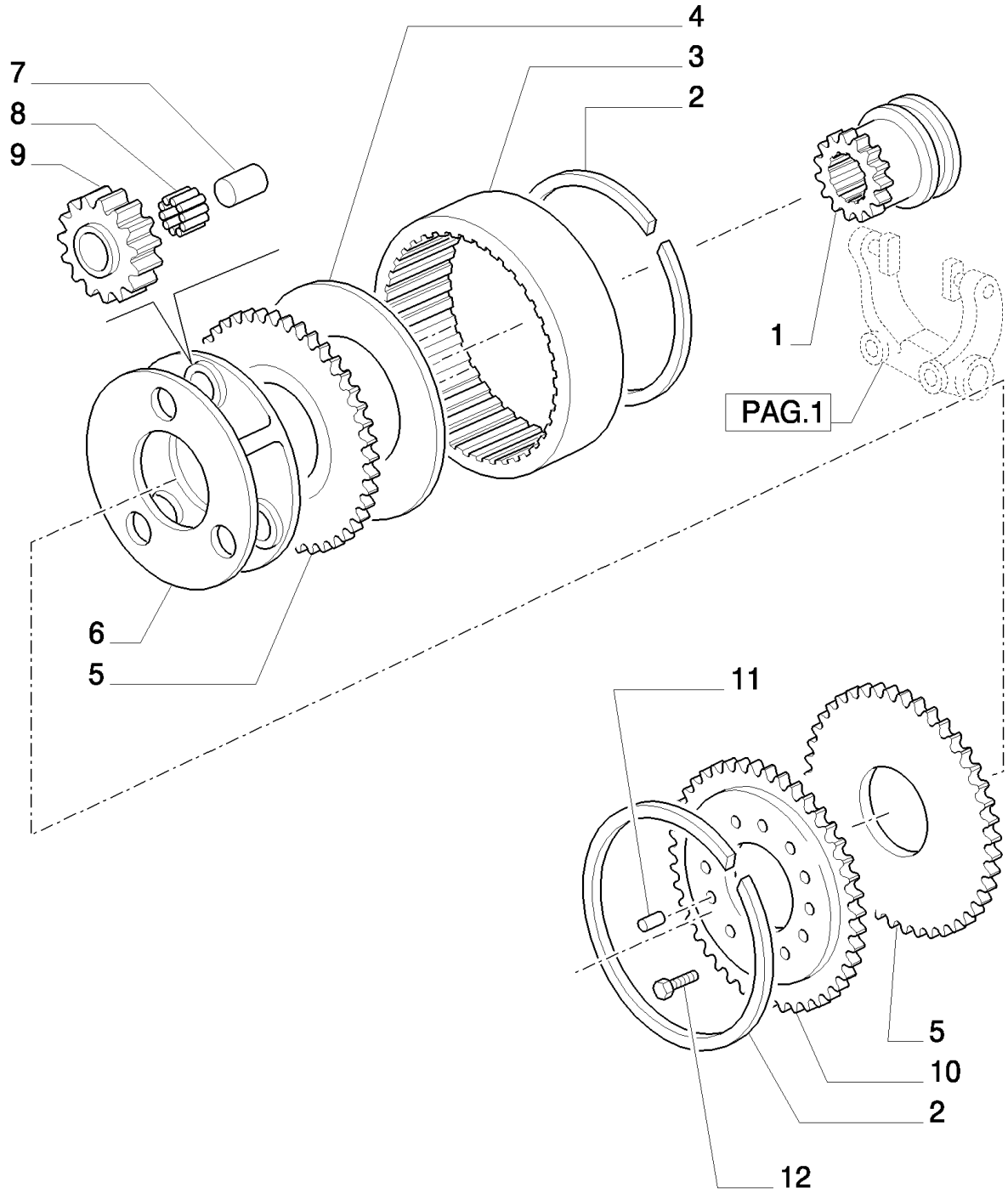


1.32.3/03(01) (VAR.146/1) SUPP. GEAR REDUCTION UNIT FOR FULL POWER SHIFT - REDUCTION UNIT CONTROLS

Ref	Part Number	Qty	Description
1	5188310	1	SPRING,
2	10516674	4	WASHER, LOCK, D=8
3	16043424	4	SCREW, Hex, M8 x 20, 8.8, Full Thd,
4	5188321	1	BRACKET,
5	5152826	2	PAD, SLIDING,
6	12574111	2	NUT, LOCK, M5 x .8, Cl 8,
7	82028418	1	HARNESS, WIRE,
8	16043924	2	BOLT, Hex, M8 x 35, 8.8, Full Thd,
9	16100811	2	NUT, M8, Cl 8,
10	5146264	1	U-BOLT,
11	14457281	1	O-RING, -114, Cl 7, .612" ID x .103" Thk,
12	5198965	1	LEVER,
13	14607270	2	PIN, LOCK, M8 x 40, Slotted,
14	5148321	1	LEVER,
15	10050811	1	PIN, D=8
16	10734201	1	PIN, SPLIT (COTTER), M2 x 12,
17	13550304	1	WASHER,
18	82014252	2	STUD,
19	5188275	1	BRACKET,
20	87559692	1	POTENTIOMETER,
21	5178336	1	COVER,

1.32.3/03(02) (VAR.146/1) SUPP. GEAR REDUCTION UNIT FOR FULL POWER SHIFT - REDUCTION UNIT CONTROLS

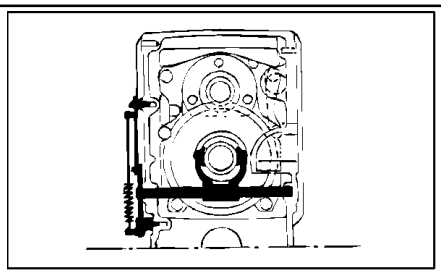


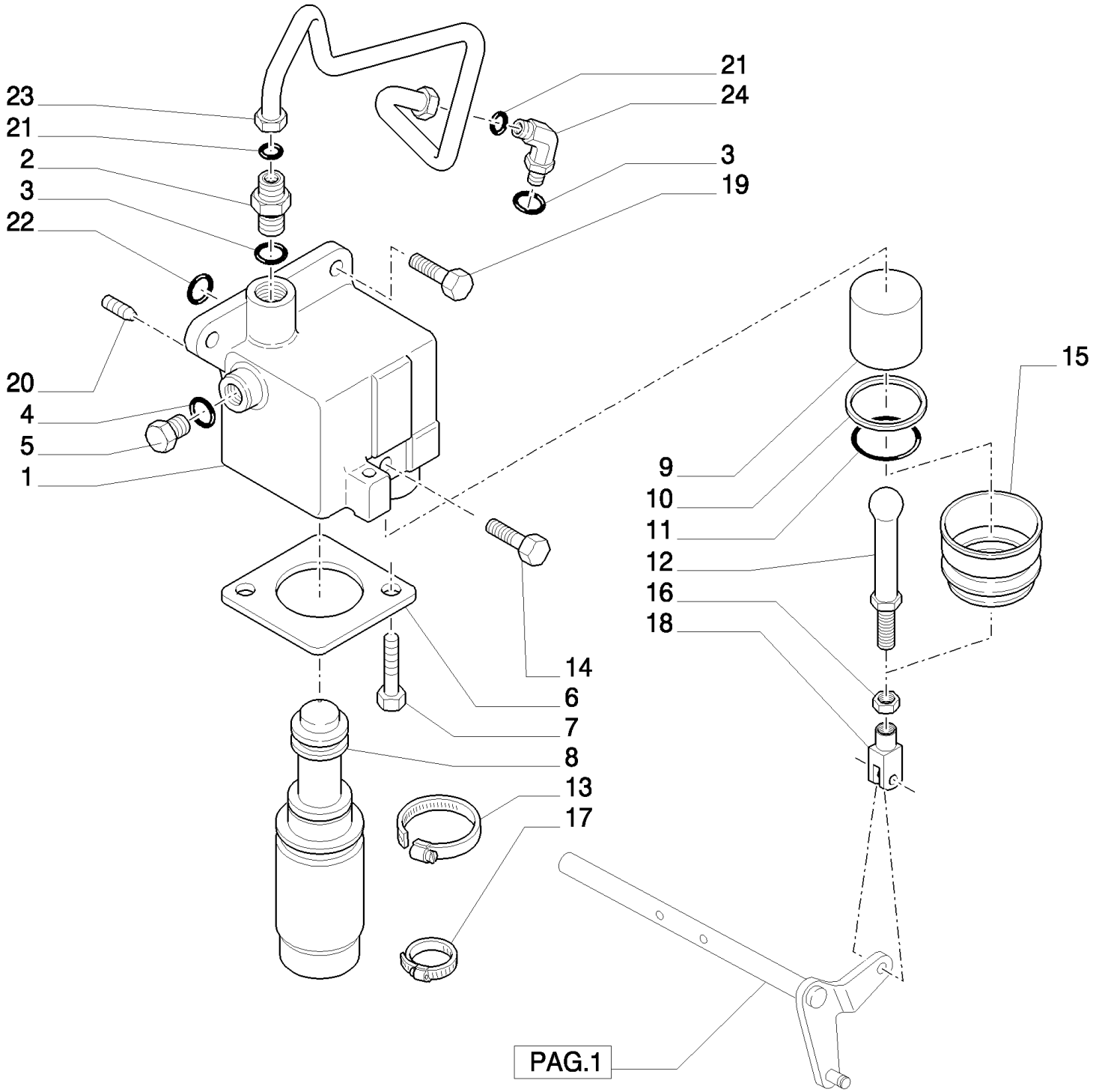


1.32.3/03(02) (VAR.146/1) SUPP. GEAR REDUCTION UNIT FOR FULL POWER SHIFT - REDUCTION UNIT CONTROLS

Ref	Part Number	Qty	Description
1	5153484	1	GEAR,
2	5146472	2	RING,
3	5146473	1	GEAR, RING,
4	5146477	1	DISC,
5	5146478	2	RING,
6	5153507	1	SUPPORT,
7	5132286	3	PIN,
8	5132285	3	BEARING, ROLLER, 19,24X27,24X21,8
9	5146474	3	GEAR,
10	5164774	1	GEAR, DRIVEN,
11	10799310	2	DOWEL,
12	14233424	8	BOLT, Hex, M10 x 1.25 x 25,

1.32.3/03(03) (VAR.146/1) SUPP. GEAR REDUCTION UNIT FOR FULL POWER SHIFT - REDUCTION UNIT CONTROLS



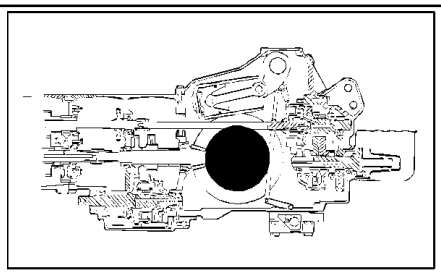


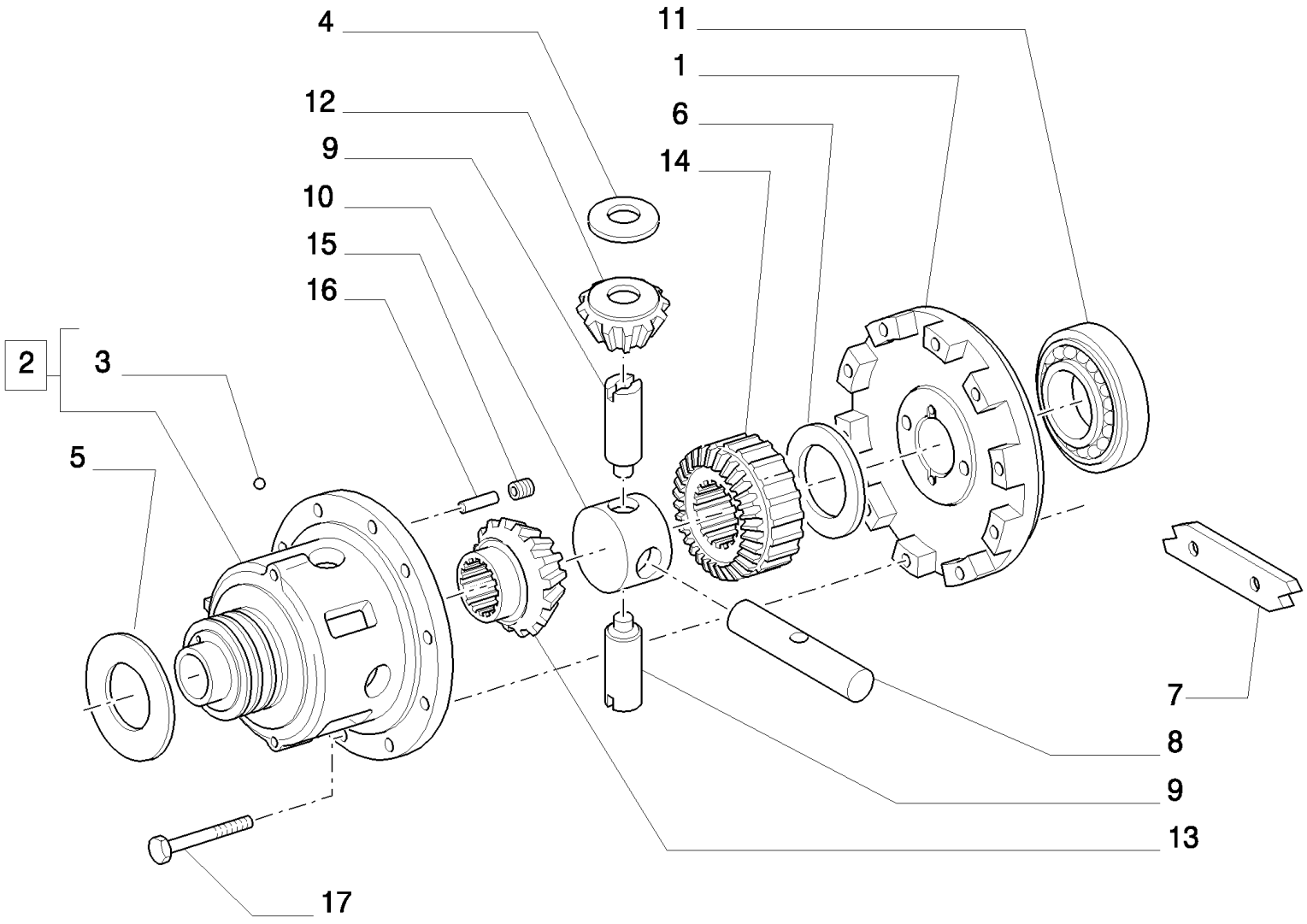
PAG.1

1.32.3/03(03) (VAR.146/1) SUPP. GEAR REDUCTION UNIT FOR FULL POWER SHIFT - REDUCTION UNIT CONTROLS

Ref	Part Number	Qty	Description
1	5197572	1	BODY, Incl. Ref. .20
2	5192374	1	CONNECTOR, HYD., M16X1,5, Incl. Ref. 3,21
3	14437885	2	O-RING, 13.3MM ID x 2.4 Thk,
4	4858606	1	GASKET,
5	11903011	1	PLUG, M10 x 1 x 11, Cl5.8,
6	5194826	1	BRACKET,
7	14305124	2	SCREW, Hex Soc Hd, M6 x 12, 8.8,
8	5196872	1	SOLENOID,
9	5188325	1	PISTON,
10	5188311	1	GASKET,
11	13421376	1	RING, SNAP, M30, Int, D=40
12	5188324	1	ROD,
13	13000790	1	CLAMP, HOSE, D=40 - 60
14	11343724	1	BOLT, Hex, M10 x 1.25 x 65, 8.8,
15	4999009	1	BOOT,
16	16102311	1	NUT, Thin, M8 x 1.25, Cl 04,
17	10187090	1	CLAMP, HOSE, D=16 -18
18	10007871	1	YOKE,
19	11306924	2	BOLT, Hex, M10 x 1.25 x 30, 8.8, Full Thd,
20	14326004	1	PLUG, M10 x 1.25
21	5185510	2	O-RING, 1,78 x 9,25
22	14456981	1	O-RING, -111, Cl 7, .424" ID x .103" Thk,
23	47123562	1	TUBE, HYD,
24	5185050	1	ELBOW, Incl. Ref. 3,21

1.32.4/02 DIFFERENTIAL GEARS

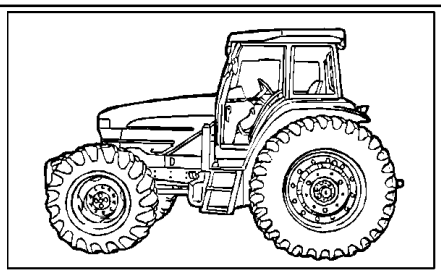


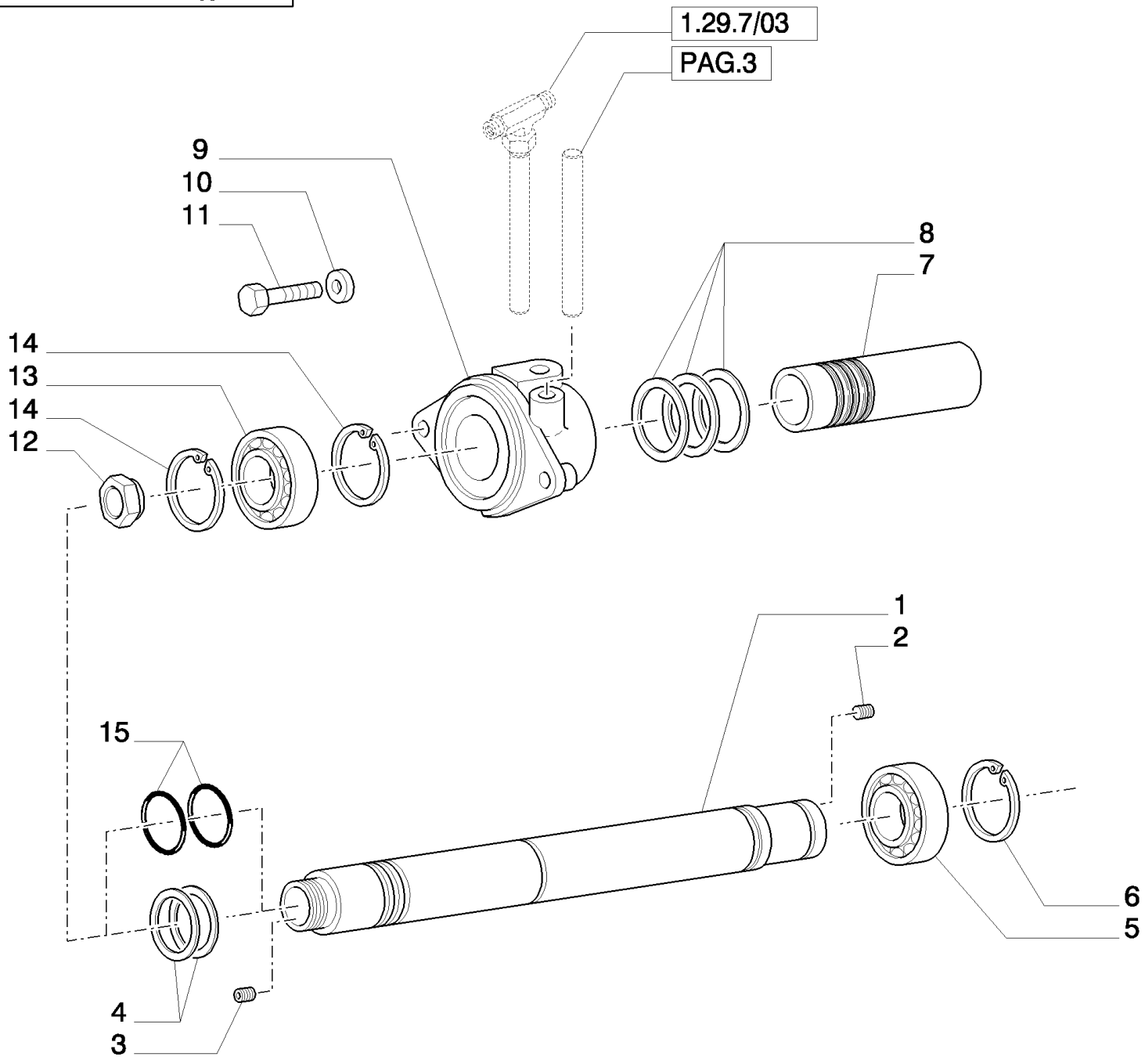


1.32.4/02 DIFFERENTIAL GEARS

Ref	Part Number	Qty	Description
1	5185921	1	COVER, TOP,
2	5185965	1	BOX,
3	20063460	1	BALL, D=7.144
4	5196109	4	WASHER, THRUST,
5	5197522	2	RING,
6	5197523	1	SHIM, 3.250mm Thk,
6	5197524	1	SHIM, 3.200mm Thk,
6	5197525	1	SHIM, 3.150mm Thk,
6	5197526	1	SHIM, 3.100mm Thk,
6	5197527	1	SHIM, 3.050mm Thk,
6	5197528	1	SHIM, 3.000 mm,
6	5197529	1	SHIM, 2.950mm Thk,
6	5197530	1	SHIM, 2.900mm Thk,
6	5197531	1	SHIM, 2.850mm Thk,
6	5197532	1	SHIM, 2.800mm Thk,
6	5197533	1	SHIM, 2.750mm Thk,
6	5197534	1	SHIM, 2.700mm Thk,
7	5185928	6	PLATE, COVER,
8	47135871	1	PIN,
9	47135872	2	PIN,
10	5185931	1	SUPPORT,
11	5185947	2	BEARING, ROLLER, 90X140X32
12	5186409	4	PINION,
13	5186410	1	PINION,
14	5186411	1	PINION,
15	13809770	2	SET SCREW, Hex Soc, M10 x 22, Flat Pt,
16	14516820	2	DOWEL, M7 x 75,
17	16214730	12	BOLT, Hex, M14 x 55,

1.32.5(01) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - CLUTCH DELIVERY MANIFOLD DRIVING SHAFT





47126828=47134621+5196138+13809170+47134108 D4818 After Date 30/07/03, see also pag. 02 D5021 After Date 20/04/04, see also sgr. 1.21.0/01, 1.32.0/01, 1.80.7/07

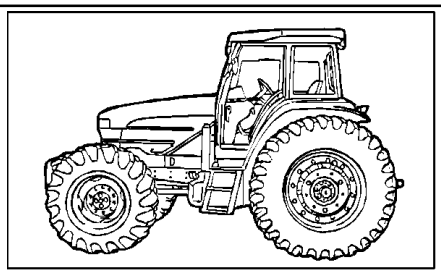
TM190 TRACTOR (6/02-) - Transmission

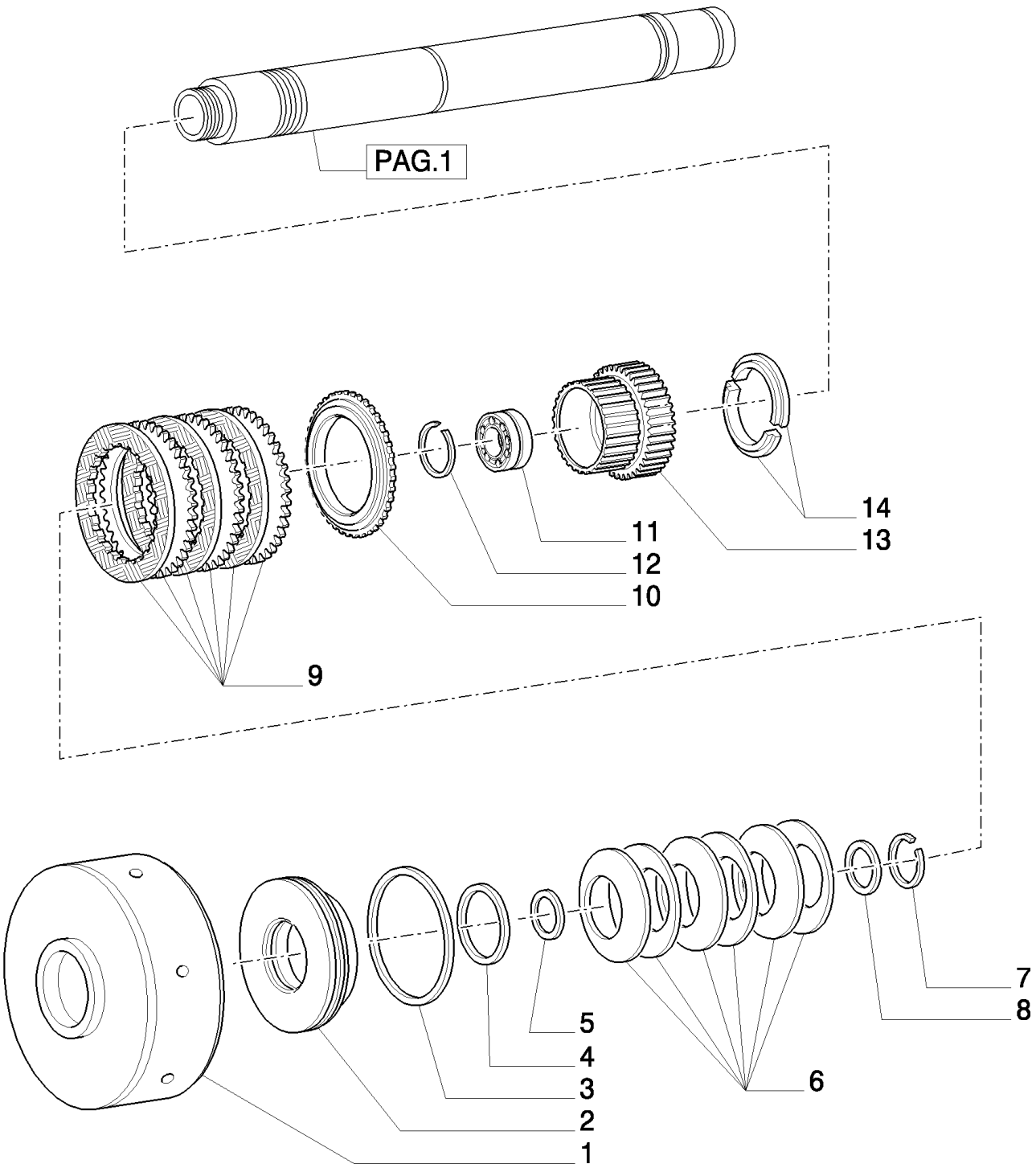
1.32.5(01) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - CLUTCH DELIVERY MANIFOLD DRIVING SHAFT

Ref	Part Number	Qty	Description
1	47126828	1	SHAFT, MAIN, INCL. 2,3, -C4818
1	47134621	1	SHAFT, , D4818-C5021
1	47136140	1	SHAFT, DRIVE, , D5021-
2	5196138	1	PLUG,
3	13809170	1	SET SCREW, Hex Soc, M10 x 10, Flat Pt,
4	5175983	2	SEALRING, , -C4818
5	5150900	1	BEARING, ROLLER, 45x85x19
6	11069076	1	RING, SNAP, M45, Ext,
7	5195892	1	MANIFOLD,
8	5175996	3	RING, LOCKING,
9	5195106	1	MANIFOLD, , -C5021
9	47134627	1	MANIFOLD, , D5021-
10	11193874	2	WASHER, SPRING, Belleville, M8.4,
11	16044524	2	BOLT, Hex, M8 x 65, 8.8,
12	5147930	1	NUT, RING,
13	26794660	1	BEARING, BALL,
14	11062476	2	RING, SNAP, M90, Int,
15	14459180	1	O-RING, -132, 70 Duro, 1.799" ID x .103" Thk, , D4818-

47126828=47134621+5196138+13809170+47134108 D4818 After Date 30/07/03, see also pag. 02 D5021 After Date 20/04/04, see also sgr. 1.21.0/01, 1.32.0/01, 1.80.7/07

1.32.5(02) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - CLUTCH COVER PLATE AND RELEVANT PARTS



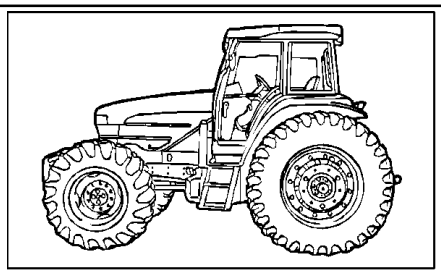


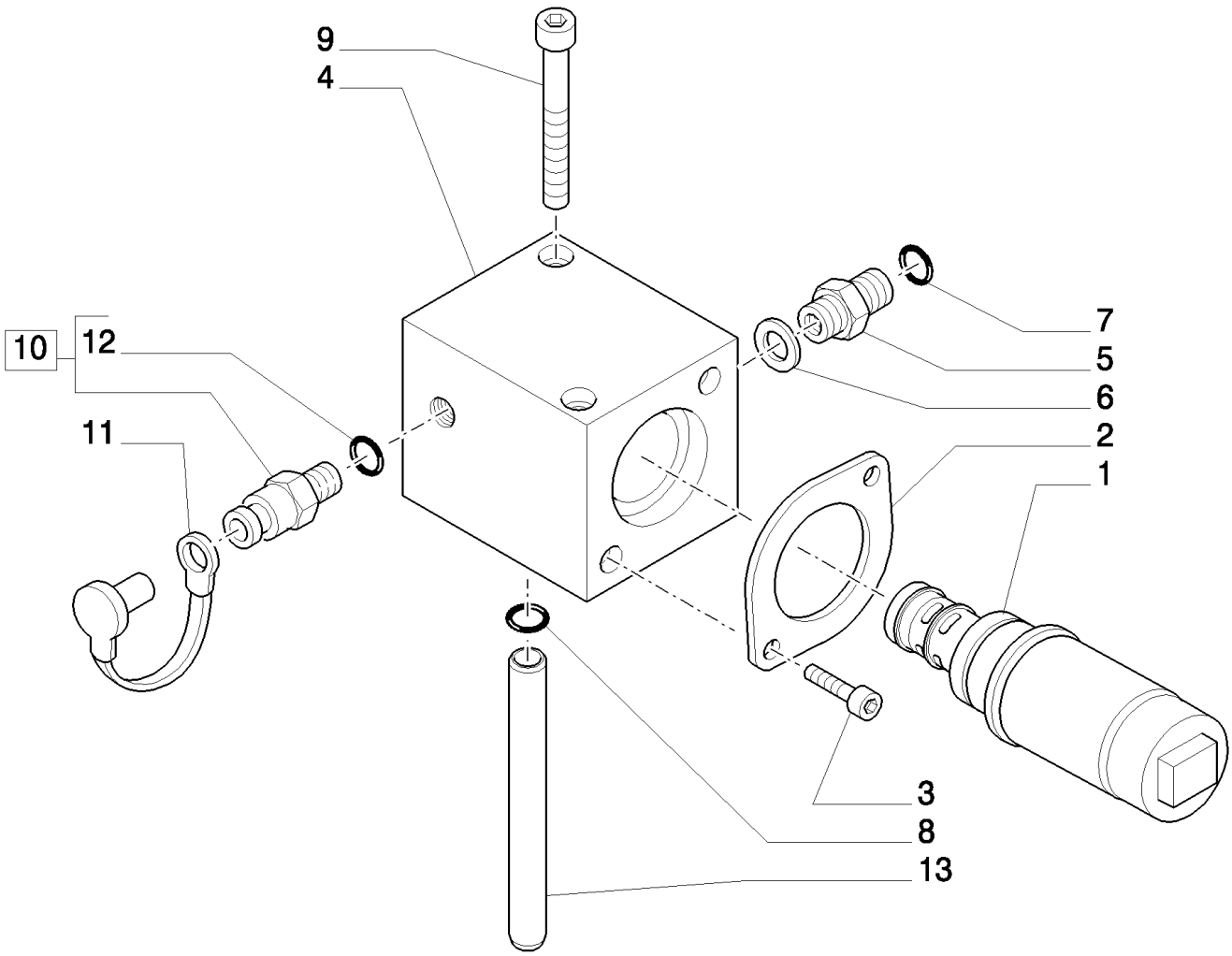
1.32.5(02) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - CLUTCH COVER PLATE AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	5195117	1	HOUSING,
2	5187977	1	PISTON,
3	5138955	1	O-RING,
4	5162252	1	GASKET,
5	47127360	1	RING,
6	5164927	6	SPRING,
7	5164928	1	RING,
8	5175981	1	RING, LOCKING,
9	5167875	1	KIT,
10	5167824	1	DISC,
11	5162622	2	BEARING, BALL,
12	5162623	1	RING,
13	5197196	1	GEAR, DRIVING,
14	5195894	1	HALF-RING, , -C4818
14	47134108	1	HALF-RING, , D4818-

D4818 After Date 30/07/03, see also pag. 01

1.32.5(03) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - SAFETY VALVE AND RELEVANT PARTS

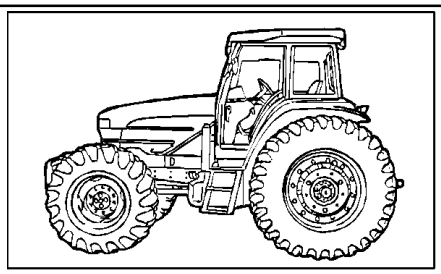


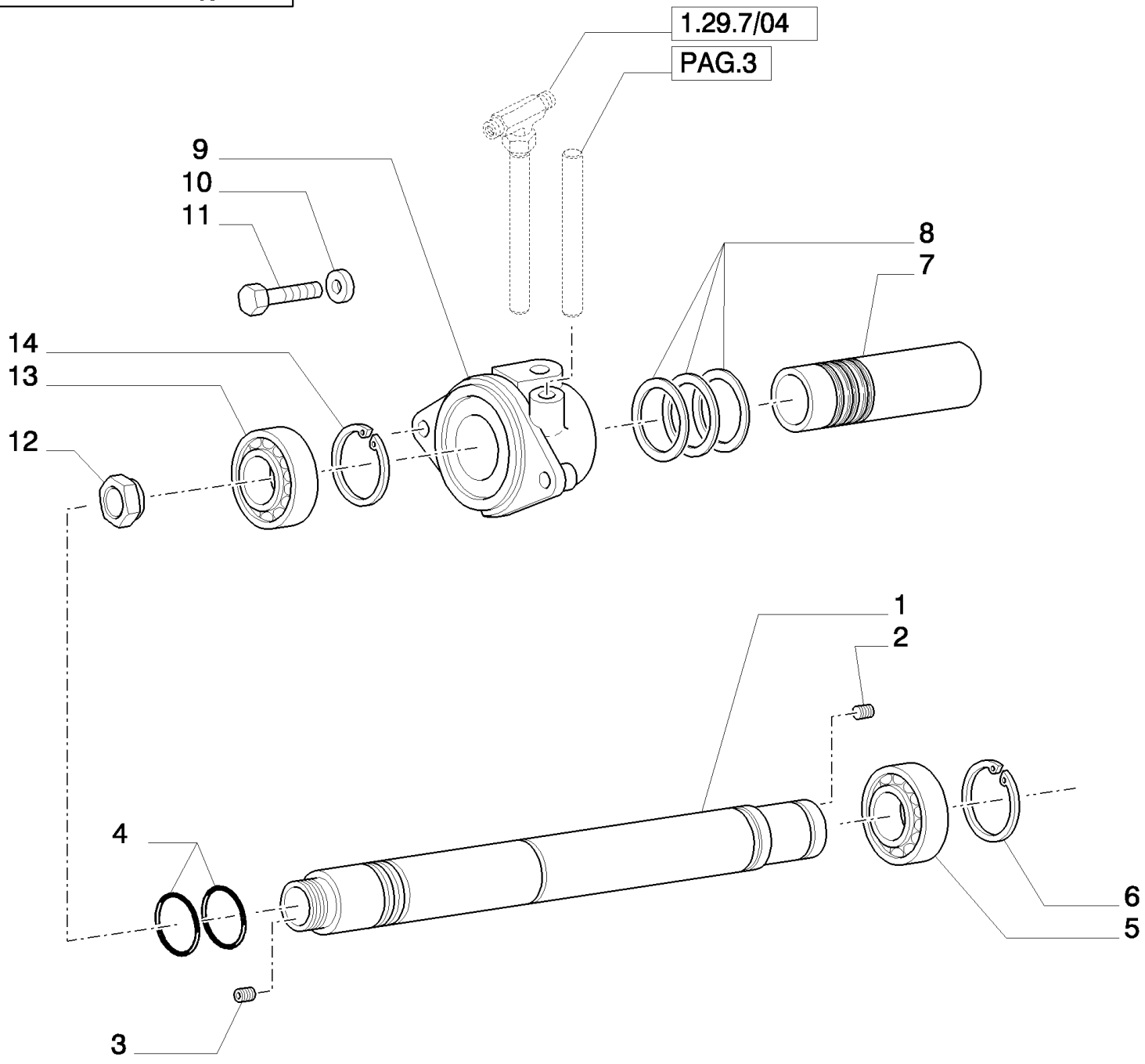


1.32.5(03) (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - SAFETY VALVE AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	5196872	1	SOLENOID,
2	5194826	1	BRACKET,
3	14305124	2	SCREW, Hex Soc Hd, M6 x 12, 8.8,
4	5198675	1	BODY,
5	5194065	1	CONNECTOR, HYD., Incl. Ref. 6,7
6	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
7	5185511	1	O-RING, 12.42 x 1.78
8	14457081	1	O-RING, -112, Cl 7, .487" ID x .103" Thk,
9	14308920	9	SCREW, Hex Soc Hd, M8 x 60, 8.8,
10	5185423	1	COUPLING,
11	5185424	1	PLUG,
12	14437785	1	O-RING, 11.3MM ID x 2.4 Thk,
13	5195964	1	TUBE, HYD,

1.32.5/01(01) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - CLUTCH DELIVERY MANIFOLD DRIVING SHAFT



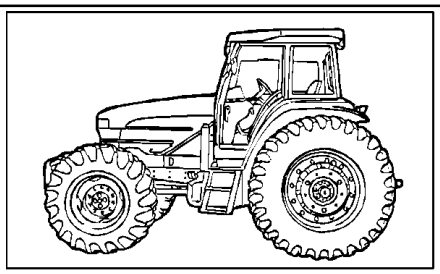


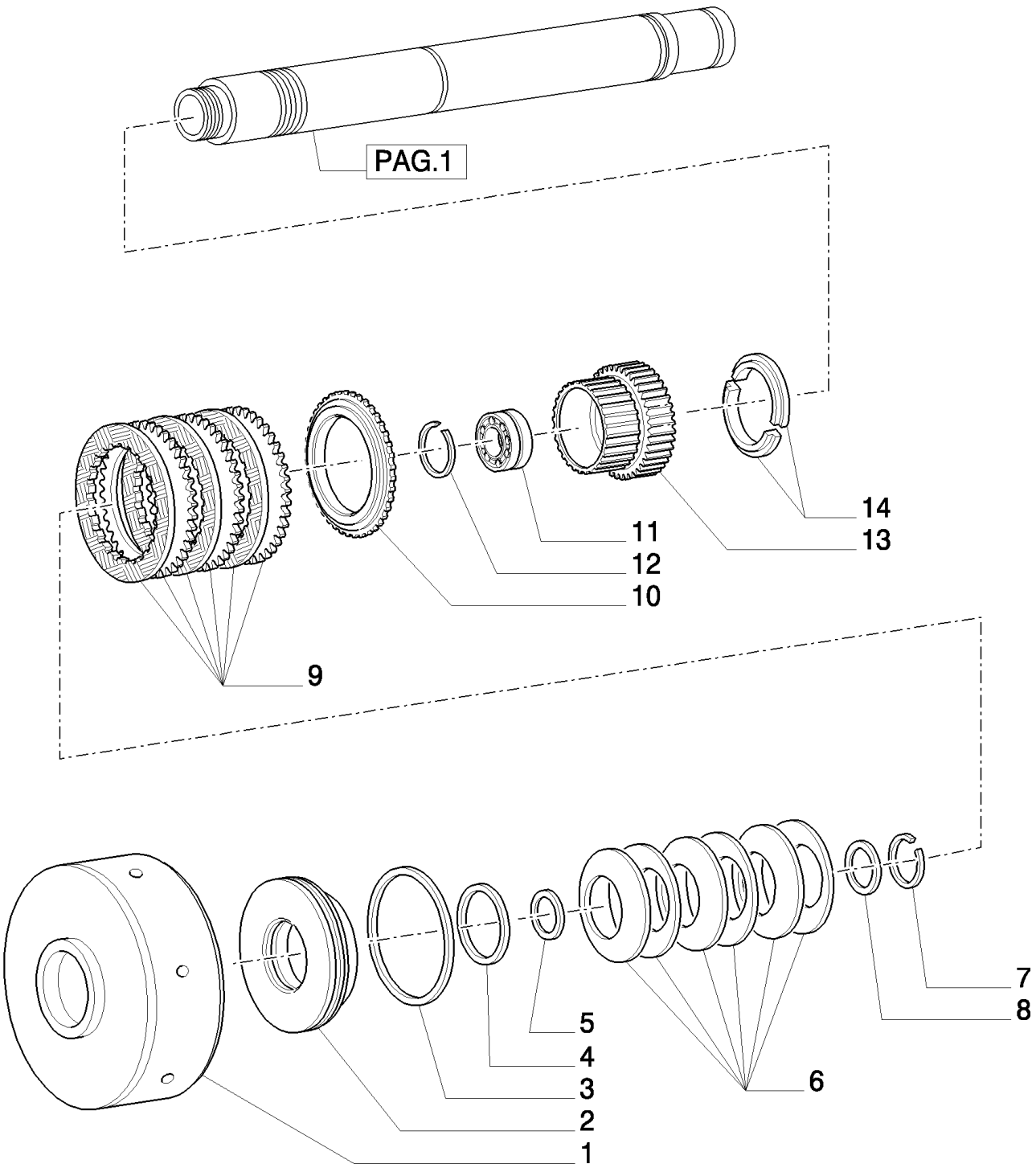
TM190 TRACTOR (6/02-) - Transmission

1.32.5/01(01) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - CLUTCH DELIVERY MANIFOLD DRIVING SHAFT

Ref	Part Number	Qty	Description
1	47136140	1	SHAFT, DRIVE,
2	5196138	1	PLUG,
3	13809170	1	SET SCREW, Hex Soc, M10 x 10, Flat Pt,
4	14459180	1	O-RING, -132, 70 Duro, 1.799" ID x .103" Thk,
5	5150900	1	BEARING, ROLLER, 45x85x19
6	11069076	1	RING, SNAP, M45, Ext,
7	5195892	1	MANIFOLD,
8	5175996	3	RING, LOCKING,
9	47134627	1	MANIFOLD,
10	11193874	2	WASHER, SPRING, Belleville, M8.4,
11	16044524	2	BOLT, Hex, M8 x 65, 8.8,
12	5147930	1	NUT, RING,
13	26794660	1	BEARING, BALL,
14	11062476	1	RING, SNAP, M90, Int,

1.32.5/01(02) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - CLUTCH COVER PLATE AND RELEVANT PARTS

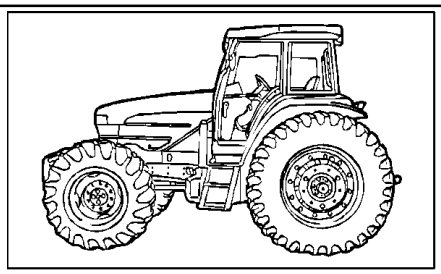


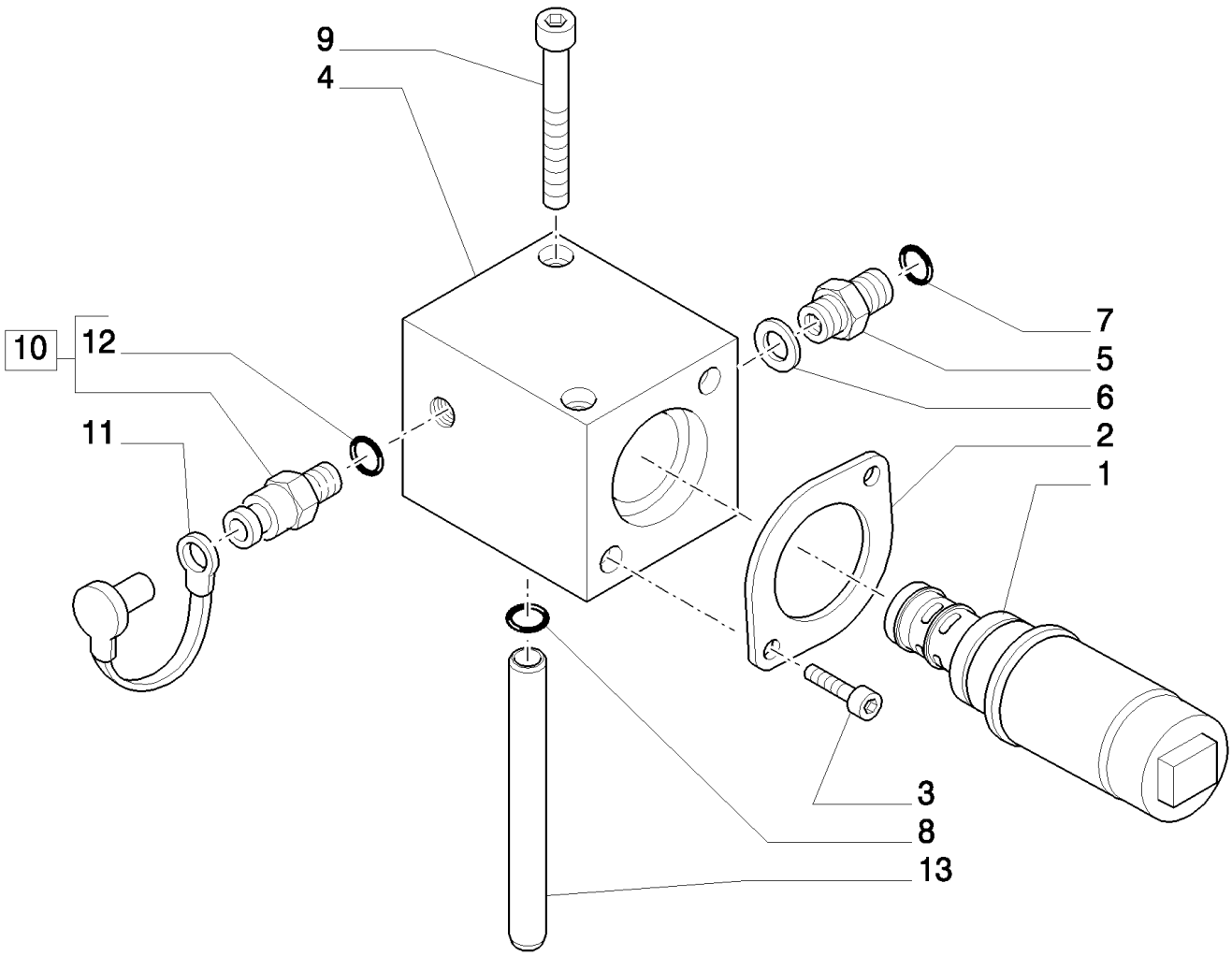


1.32.5/01(02) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - CLUTCH COVER PLATE AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	5195117	1	HOUSING,
2	5187977	1	PISTON,
3	5138955	1	O-RING,
4	5162252	1	GASKET, , Lock Ring for Gear Box Clutches
4	5162252	1	GASKET, , Inner Gasket
5	47127360	1	RING,
6	5164927	6	SPRING,
7	5164928	1	RING,
8	5175981	1	RING, LOCKING,
9	5167875	1	KIT,
10	5167824	1	DISC,
11	5162622	2	BEARING, BALL,
12	5162623	1	RING,
13	5197196	1	GEAR, DRIVING,
14	47134108	1	HALF-RING,

1.32.5/01(03) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - SAFETY VALVE AND RELEVANT PARTS



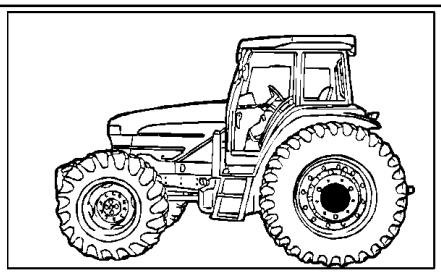


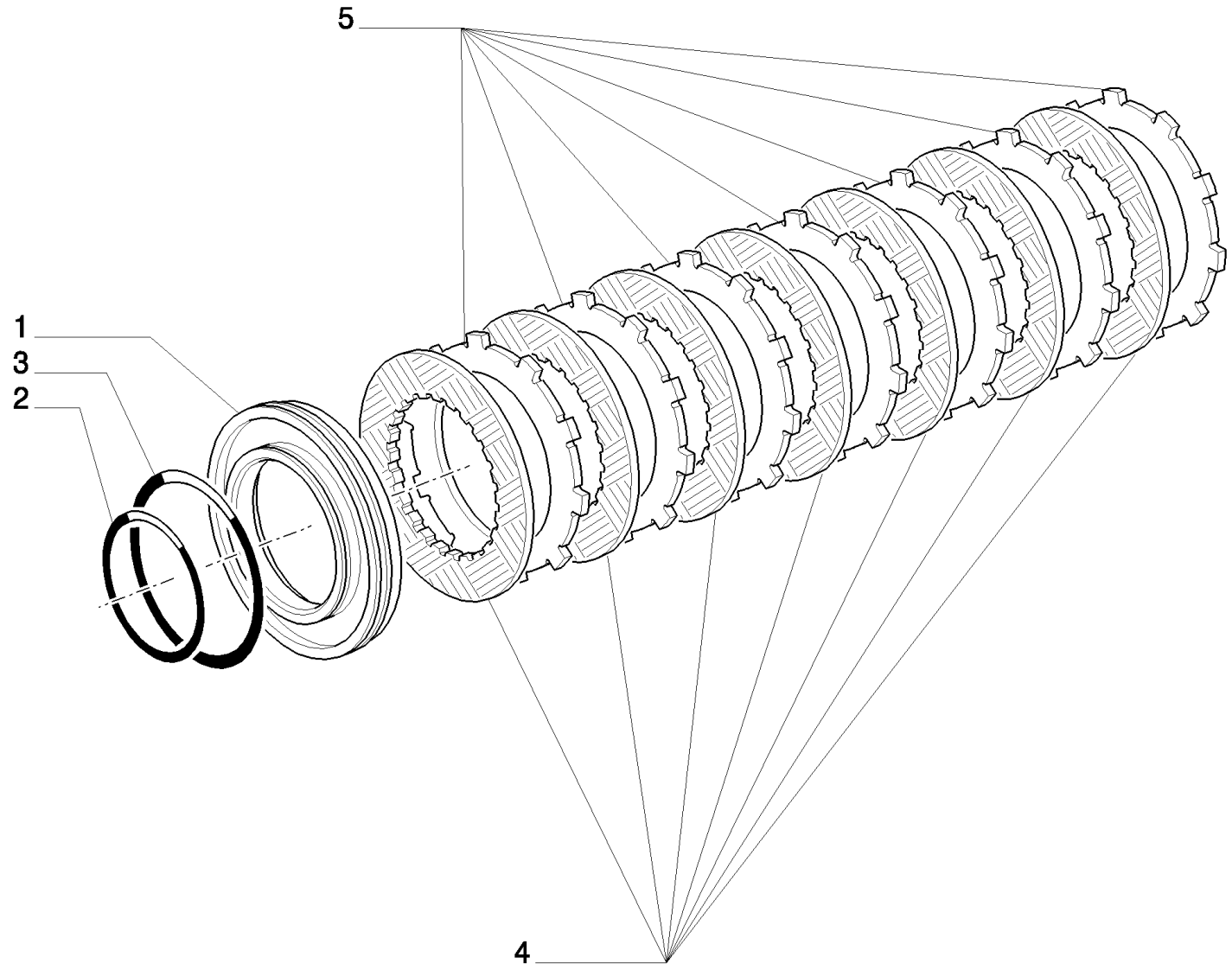
TM190 TRACTOR (6/02-) - Transmission

1.32.5/01(03) (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - SAFETY VALVE AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	5196872	1	SOLENOID,
2	5194826	1	BRACKET,
3	14305124	2	SCREW, Hex Soc Hd, M6 x 12, 8.8,
4	5198675	1	BODY,
5	5194065	1	CONNECTOR, HYD., Incl. Ref. 6,7
6	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
7	5185511	1	O-RING, 12.42 x 1.78
8	14457081	1	O-RING, -112, Cl 7, .487" ID x .103" Thk,
9	14308920	2	SCREW, Hex Soc Hd, M8 x 60, 8.8,
9	14306824	2	SCREW, Hex Soc Hd, M8 x 45, 10.9,
10	5185423	1	COUPLING,
11	5185424	1	PLUG,
12	14437785	1	O-RING, 11.3MM ID x 2.4 Thk,
13	5195964	1	TUBE, HYD,

1.32.6/02 DIFFERENTIAL LOCKS

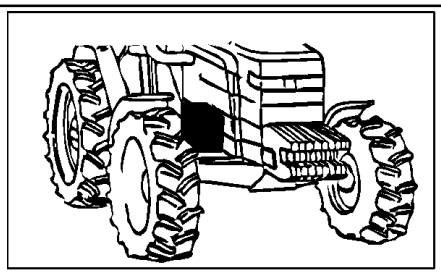


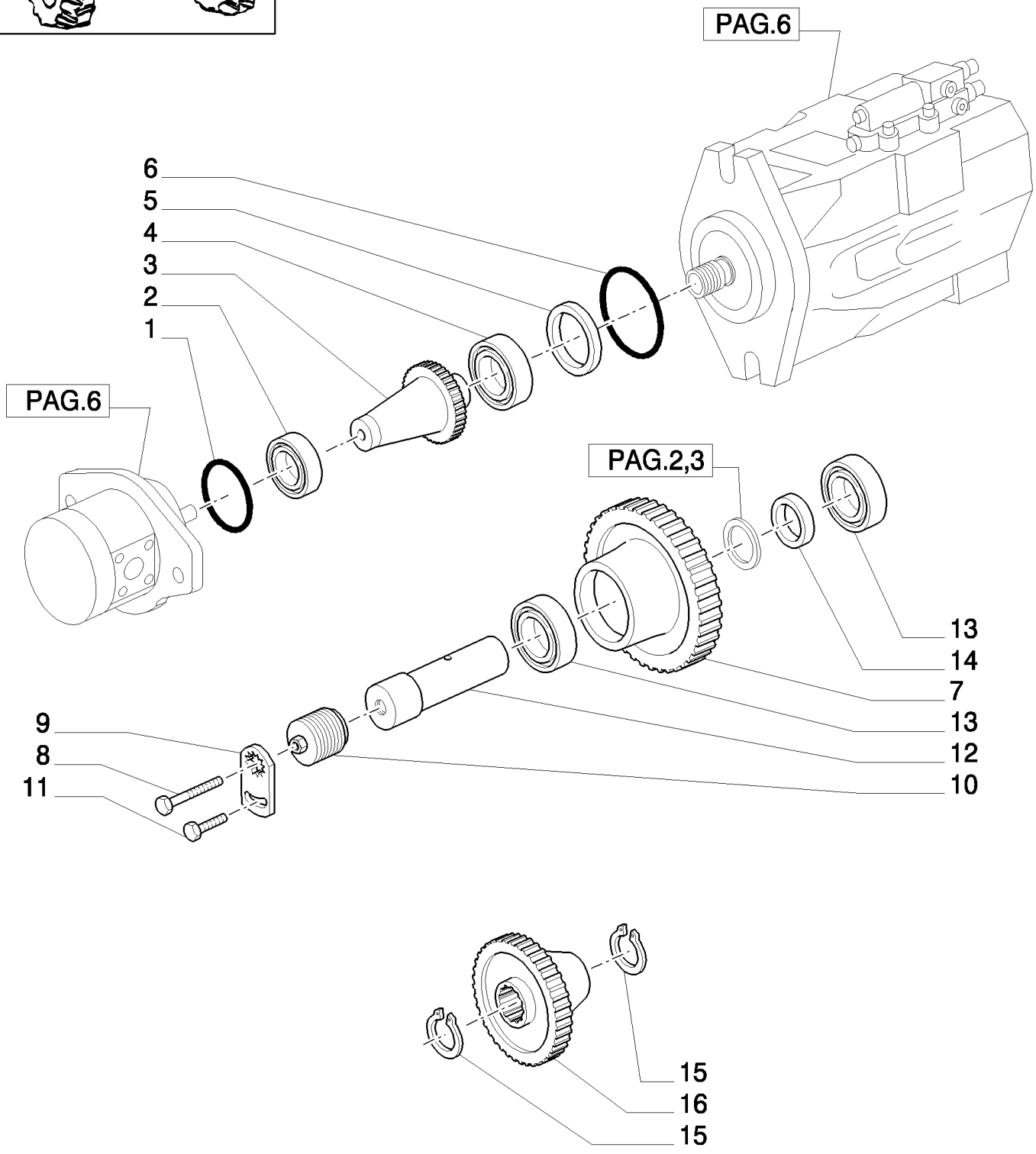


1.32.6/02 DIFFERENTIAL LOCKS

Ref	Part Number	Qty	Description
1	5185917	1	PISTON,
2	14462281	1	O-RING, -164, Cl 7, 6.237" ID x .103" Thk,
3	14487781	1	O-RING, 234.60MM ID x 2.62 Thk,
4	5185933	4	DISC,
5	5185916	4	PLATE, LOCKING,

1.32.8/02(01) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

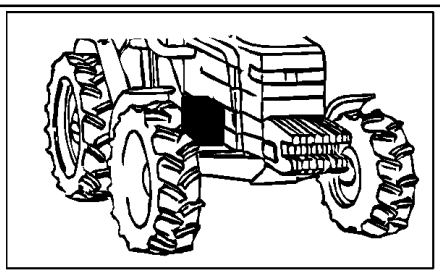


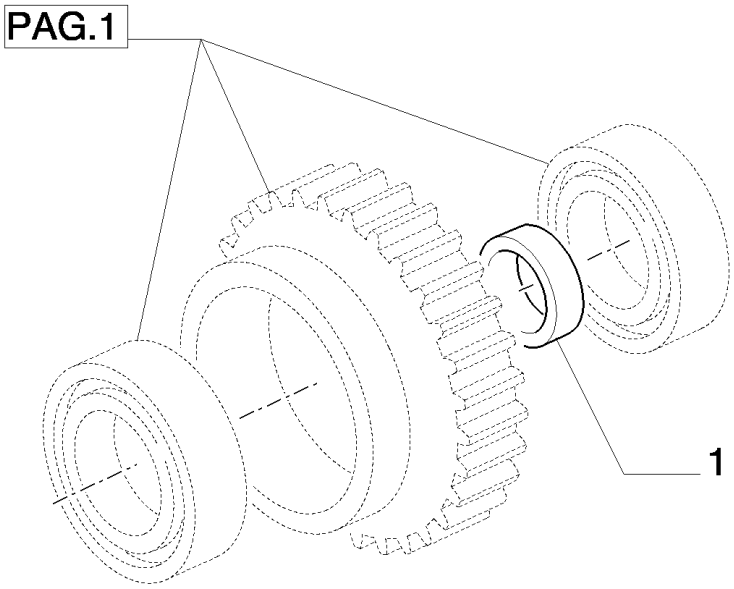


1.32.8/02(01) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	14461080	1	O-RING, -152, 70 Duro, 3.237" ID x .103" Thk,
2	5199218	1	BEARING, BALL,
3	5195239	1	GEAR,
4	5186964	1	BEARING, BALL,
5	5186955	1	SPACER,
6	14461380	1	O-RING, -155, 70 Duro, 3.987" ID x .103" Thk,
7	5195241	1	GEAR,
8	16326621	1	BOLT,
9	5196003	1	PLATE, LOCKING,
10	5196041	1	NUT, RING,
11	16323330	1	SCREW,
12	5195243	1	PIN,
13	26800120	2	BEARING ASSY,
14	5196047	1	SPACER,
15	11068876	2	RING, SNAP, M40, Ext,
16	5186886	1	GEAR,

1.32.8/02(02) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

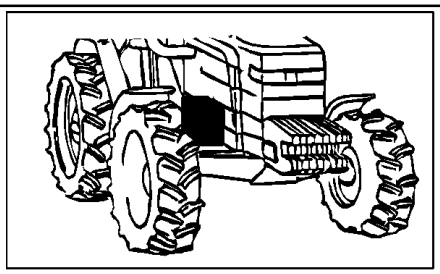


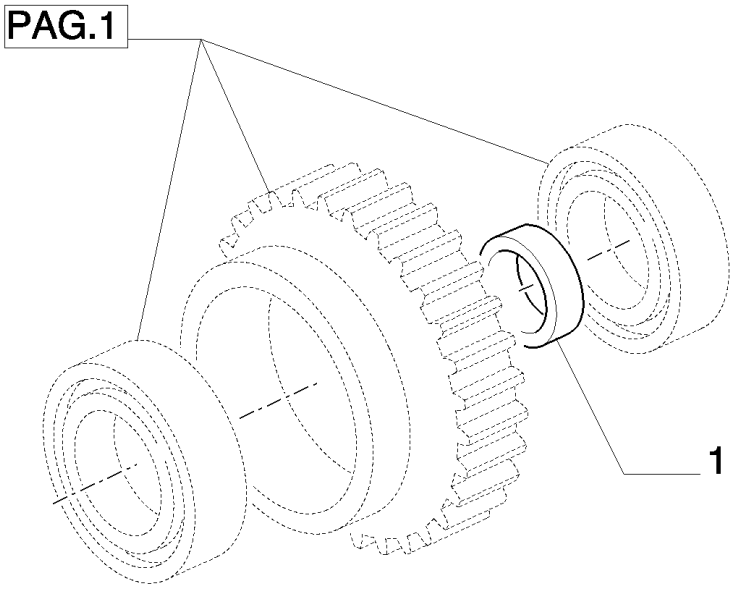


1.32.8/02(02) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	5169854	AR	SPACER, 11.800mm Thk,
1	5169855	AR	SPACER, 11.825mm Thk,
1	5169856	AR	SPACER, 11.850mm Thk,
1	5169857	AR	SPACER, 11.875mm Thk,
1	5169858	AR	SPACER, 11.900mm Thk,
1	5169859	AR	SPACER, 11.925mm Thk,
1	5169860	AR	SPACER, 11.950mm Thk,
1	5169861	AR	SPACER, 11.975mm Thk,
1	5169862	AR	SPACER, 12.000mm Thk,
1	5169863	AR	SPACER, 12.025mm Thk,
1	5169864	AR	SPACER, 12.050mm Thk,
1	5169865	AR	SPACER, 12.075mm Thk,
1	5169866	AR	SPACER, 12.100mm Thk,
1	5169867	AR	SPACER, 12.125mm Thk,
1	5169868	AR	SPACER, 12.150mm Thk,
1	5169869	AR	SPACER, 12.175mm Thk,
1	5169870	AR	SPACER, 12.200mm Thk,

1.32.8/02(03) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

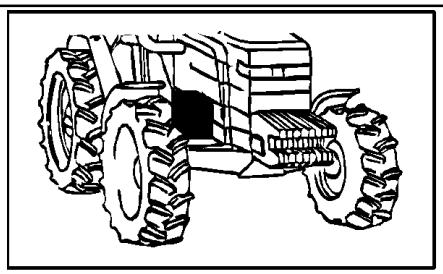


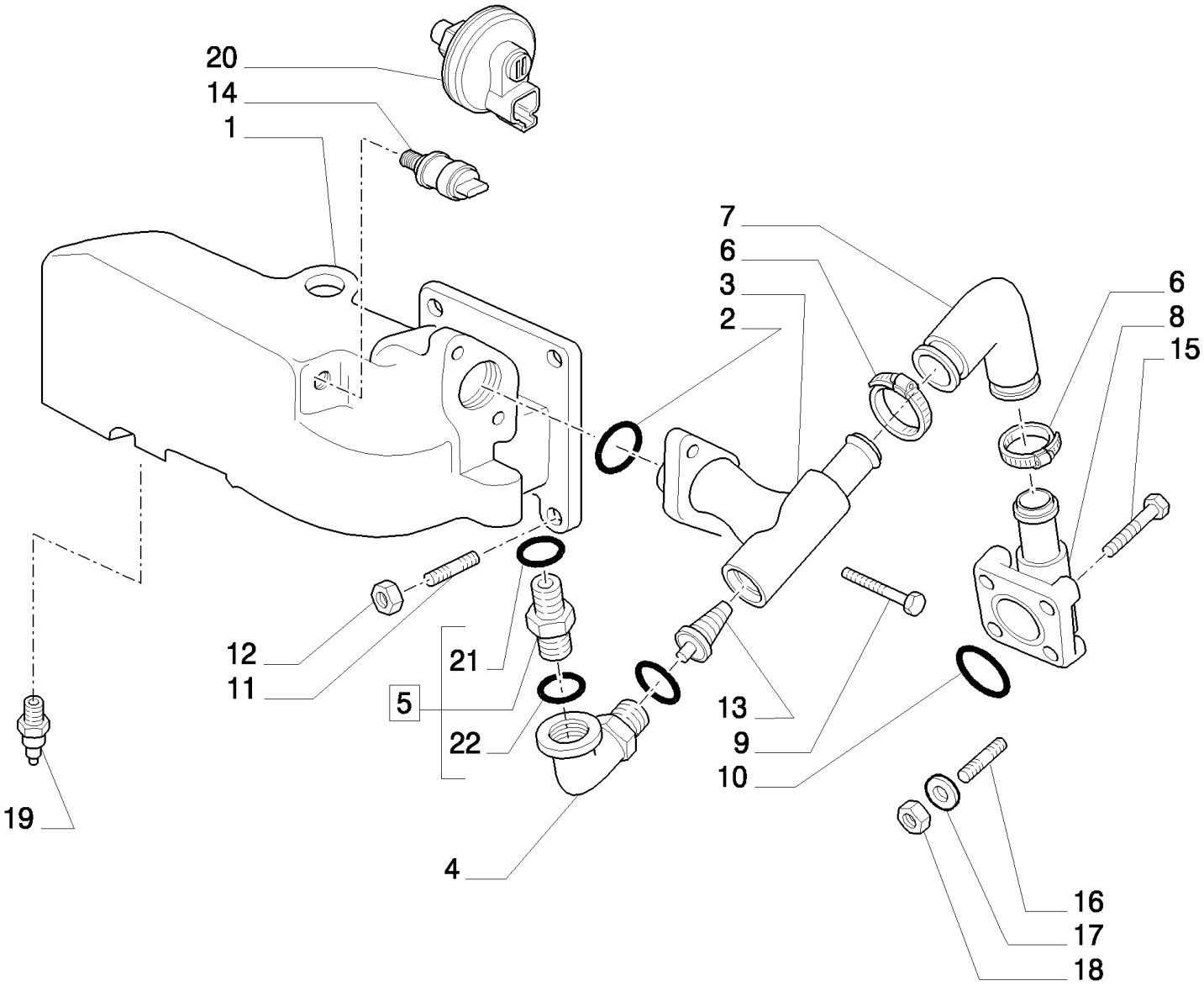


1.32.8/02(03) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	5169871	AR	SPACER, 12.225mm Thk,
1	5169872	AR	SPACER, 12.250mm Thk,
1	5169873	AR	SPACER, 12.275mm Thk,
1	5169874	AR	SPACER, 12.300mm Thk,
1	5169875	AR	SPACER, 12.325mm Thk,
1	5169876	AR	SPACER, 12.350mm Thk,
1	5169877	AR	SPACER, 12.375mm Thk,
1	5169878	AR	SPACER, 12.400mm Thk,
1	5169879	AR	SPACER, 12.425mm Thk,
1	5169880	AR	SPACER, 12.450mm Thk,
1	5169881	AR	SPACER, 12.475mm Thk,
1	5169882	AR	SPACER, 12.500mm Thk,
1	5169883	AR	SPACER, 12.525mm Thk,
1	5169884	AR	SPACER, 12.550mm Thk,
1	5169885	AR	SPACER, 12.575mm Thk,
1	5169886	AR	SPACER, 12.600mm Thk,

1.32.8/02(04) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

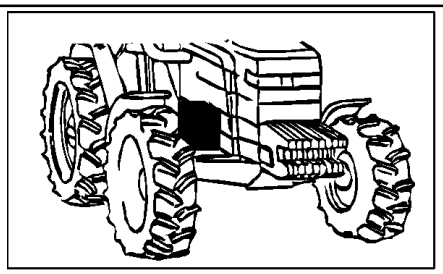


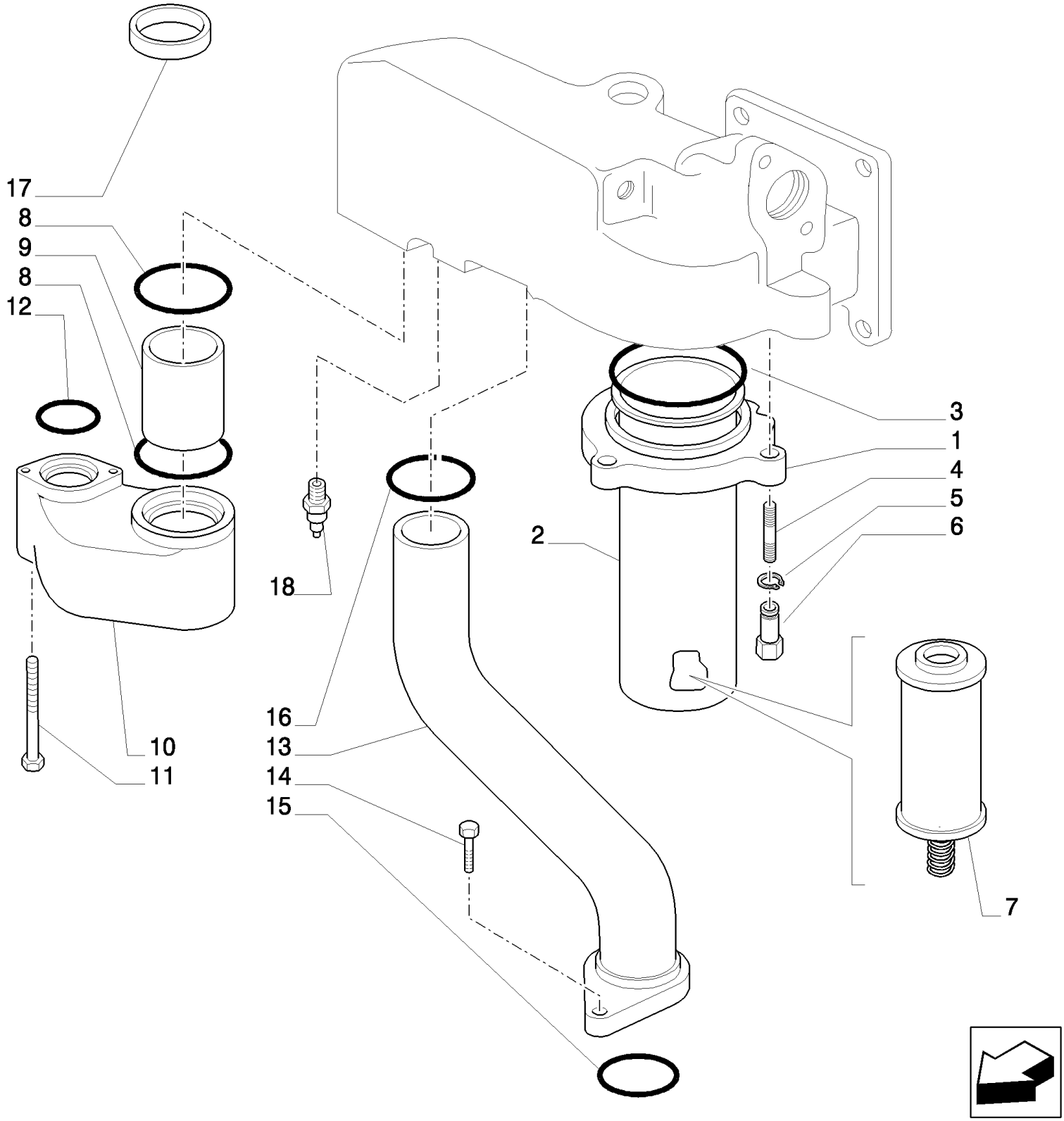


1.32.8/02(04) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	5198194	1	SUPPORT,
2	14463681	1	O-RING, -218, Cl 7, 1.234" ID x .139" Thk,
3	5196548	1	MANIFOLD,
4	5198708	1	ELBOW,
5	5198995	1	VALVE, CHECK, PARKER
5	87555079	1	VALVE, CHECK, FASTER
6	13000690	2	CLAMP, HOSE,
7	5196509	1	ELBOW,
8	5196510	1	PIPE,
9	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
10	14463681	1	O-RING, -218, Cl 7, 1.234" ID x .139" Thk,
11	13449424	3	STUD, M10X1,5X22
12	12164714	3	NUT, M10 x 1.25, Cl 8,
13	47123798	1	VALVE, BY-PASS,
14	82025340	1	SWITCH, Vacuum, -C5240
15	16044224	4	BOLT, Hex, M8 x 50, 8.8,
16	10730821	2	WASHER, M14 x 26 OD x 3 Thk,
17	13555334	2	STUD, M14X28
18	12164021	2	NUT, M14 x 1.5, Cl 10,
19	82028134	1	SWITCH, OIL TEMPERATURE
20	87303771	1	SWITCH, Vacuum, D5240-
21	5185513	1	O-RING,
22	81826567	1	O-RING,

1.32.8/02(05) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

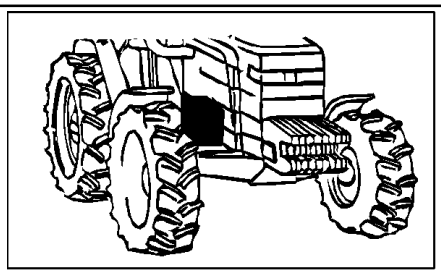


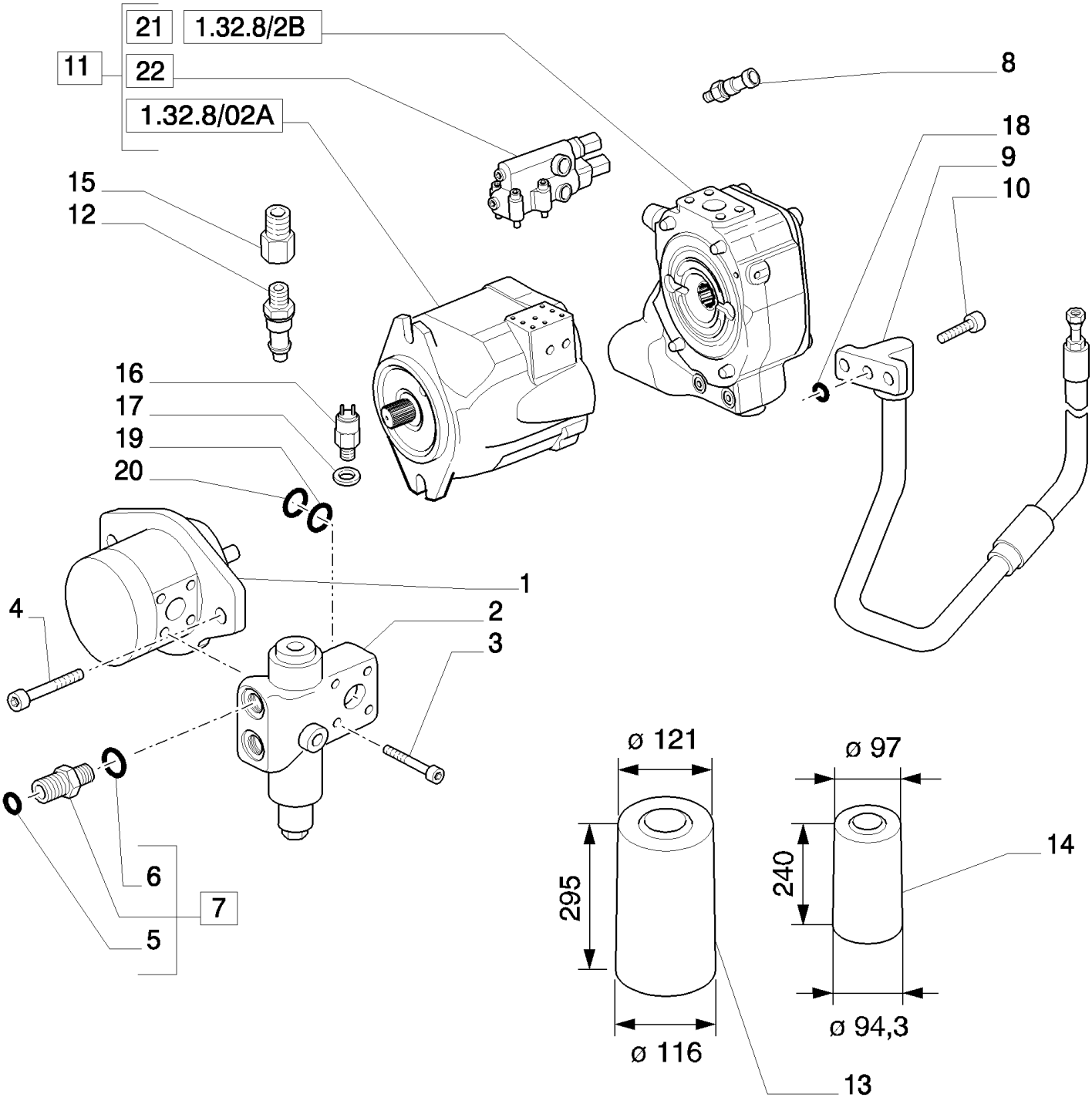


1.32.8/02(05) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	5196502	1	RING, LOCKING,
2	5196564	1	HOUSING,
3	14466381	1	O-RING, -245, Cl 7, 4.359" ID x .139" Thk,
4	38830418	3	STUD, M8X12
4	13517630	3	STUD, M8x12x50
5	13397776	3	RING, SNAP, M16, Int,
6	5196481	3	NUT,
7	47127431	1	FILTER, HYDRAULIC OIL,
8	14464580	2	O-RING, -227, 70 Duro, 2.109" ID x .139" Thk,
9	5196560	1	TUBE,
10	5198577	1	MANIFOLD,
11	16045024	2	BOLT, Hex, M8 x 90, 8.8,
12	14464280	1	O-RING, -224, 70 Duro, 1.734" ID x .139" Thk,
13	5196092	1	TUBE,
14	16043624	1	BOLT, Hex, M8 x 25, 8.8, Full Thd,
15	76046537	1	GASKET,
16	14471580	1	O-RING, -332, 70 Duro, 2.35" ID x .210" Thk,
17	5198578	1	RING,
18	82028134	1	SWITCH, OIL TEMPERATURE

1.32.8/02(06) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

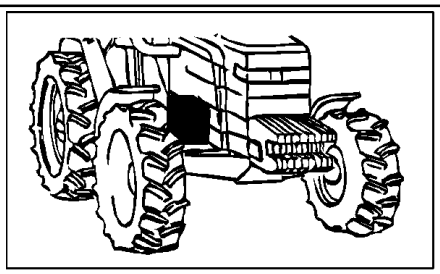




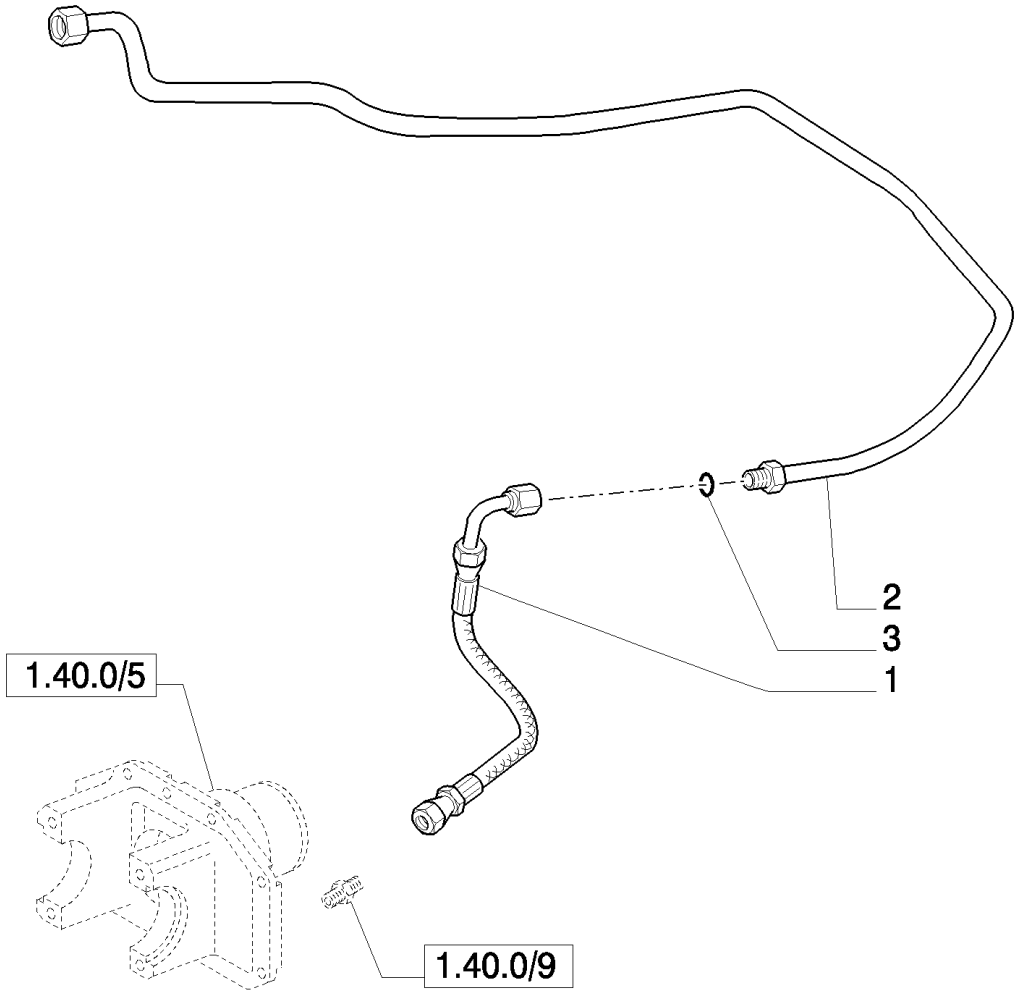
1.32.8/02(06) PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	47129423	1	PUMP, HYDRAULIC,
2	5188291	1	VALVE, HYDRAULIC, Incl. 19,20
3	14305821	4	SCREW, Hex Soc Hd, M6 x 40, 8.8,
4	14307624	2	SCREW, Hex Soc Hd, M10 x 1.25 x 35, 8.8,
5	5185512	1	O-RING, 15,6 ID x 1,78 Thk
6	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
7	5185046	1	CONNECTOR, HYD.,
8	82028134	1	SWITCH, Oil Temperature
9	47130374	1	PIPE,
10	14306424	2	SCREW, Hex Soc Hd, M8 x 25, 8.8,
11	5198694	1	PUMP, HYDRAULIC, 45CC
12	82028130	1	SWITCH, PRESSURE, Oil Pressure, BSN ACM263457
12	87533792	1	SWITCH, PRESSURE, , ASN ACM263458
13	86018758	1	FILTER, HYDRAULIC OIL,
14	F0NN6714CA12H	1	FILTER, Charge Pump
15	81866305	1	CONNECTOR, HYD.,
16	5157750	1	SWITCH, Oil Pressure
17	5183780	1	WASHER, SEALING,
18	14462880	1	O-RING, -210, 70 Duro, .734" ID x .139" Thk,
19	5190751	1	O-RING,
20	47127103	1	BACK-UP RING,
21	47127269	1	HOUSING,
22	47127261	1	REGULATOR,

1.32.8/02(07) PUMPS FOR HYDRAULIC SYSTEM AND LIFT - (4WD)



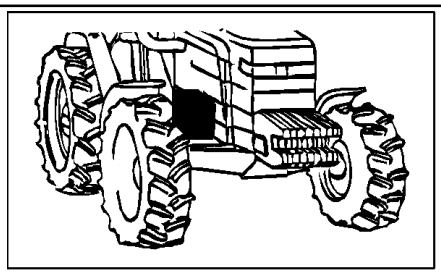
4WD

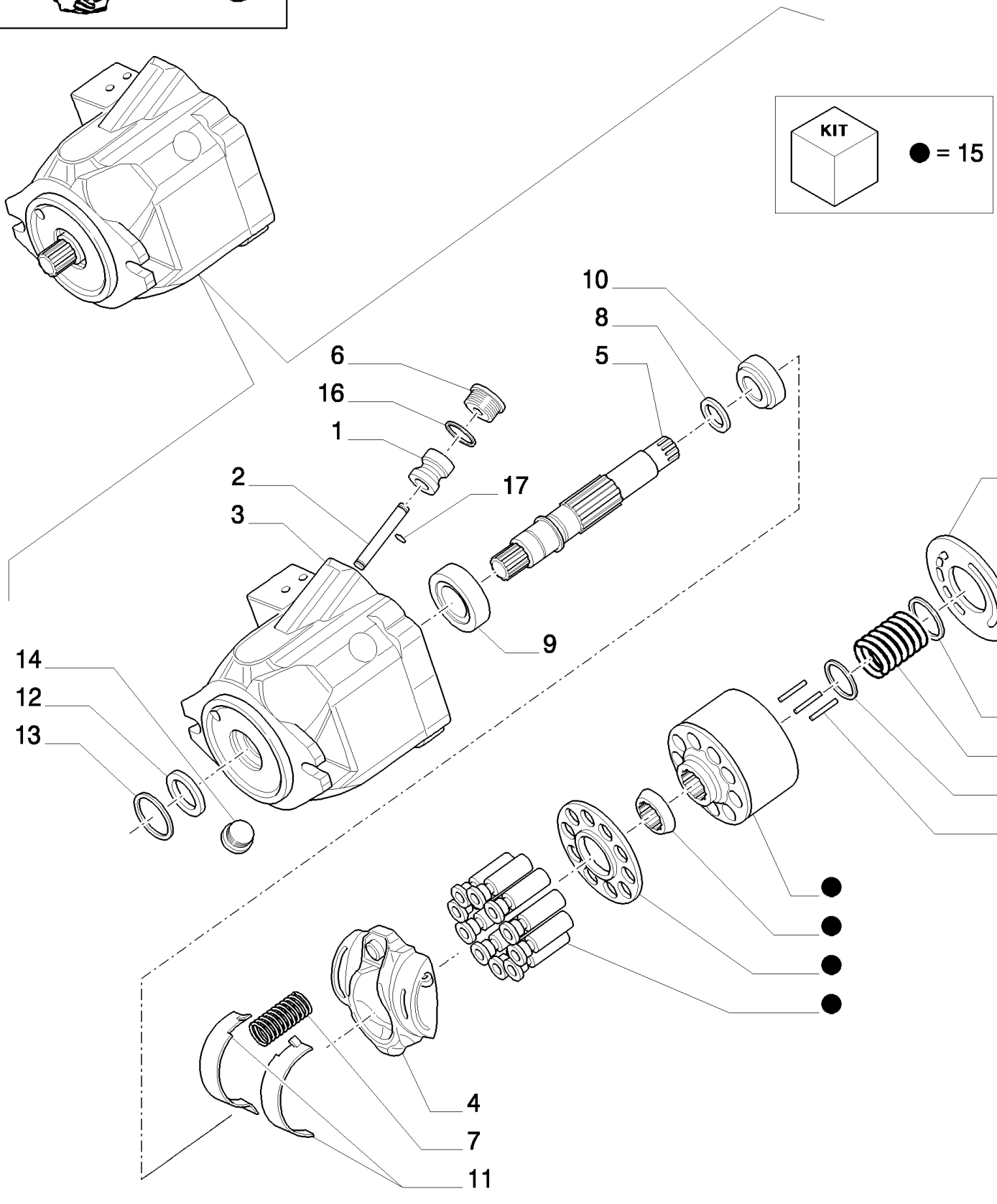


1.32.8/02(07) PUMPS FOR HYDRAULIC SYSTEM AND LIFT - (4WD)

Ref	Part Number	Qty	Description
1	87308173	1	HOSE,
2	87305938	1	TUBE, HYD,
3	9992298	1	O-RING, -014, 90 Duro, .489" ID x .070" Thk,

1.32.8/02A HYDRAULIC PUMP - BREAKDOWN

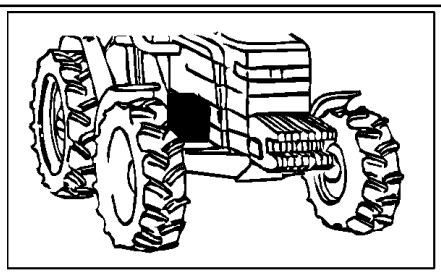


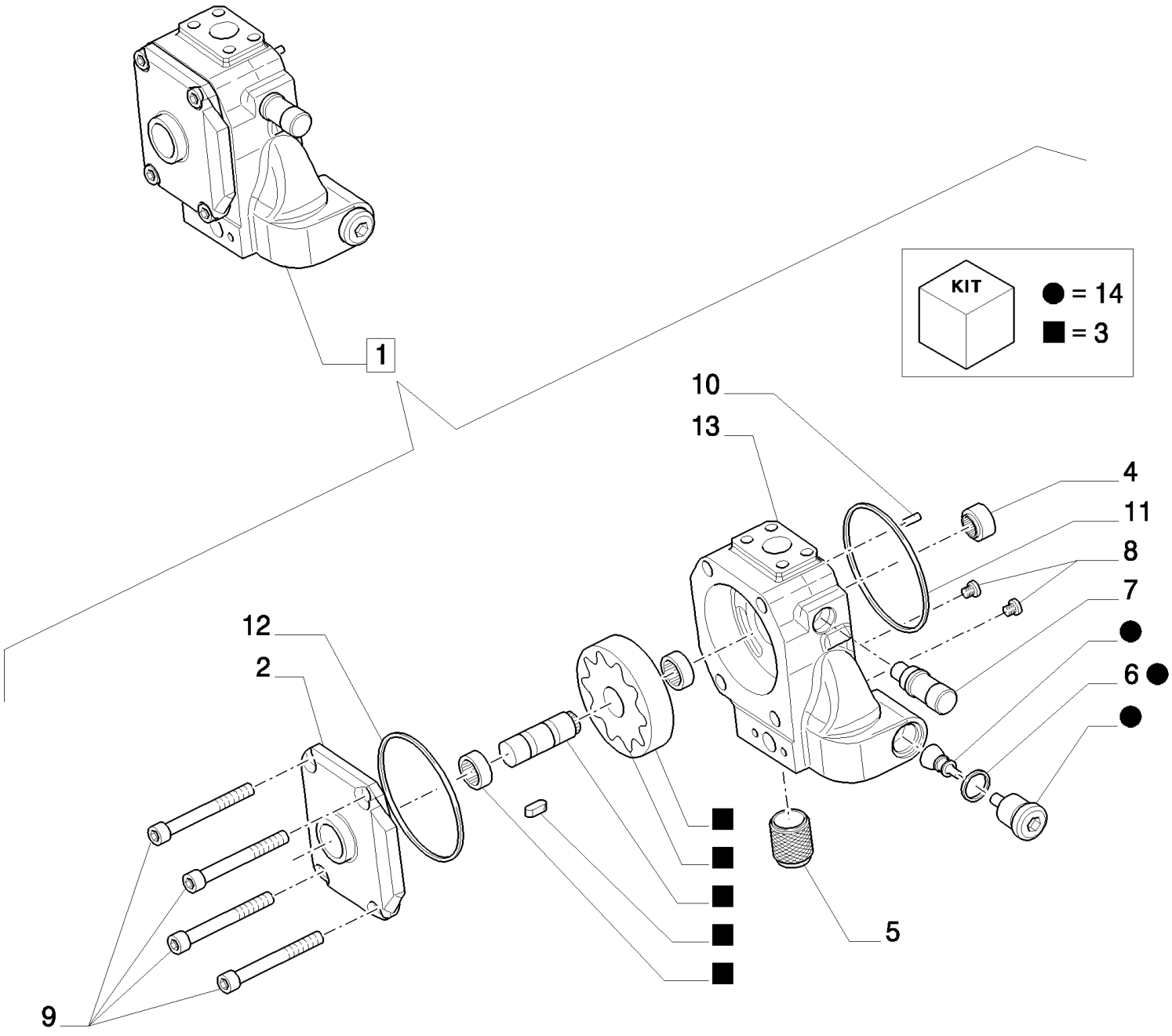


1.32.8/02A HYDRAULIC PUMP - BREAKDOWN

Ref	Part Number	Qty	Description
1	47127239	1	PISTON,
2	47127240	1	ROD,
3	47127241	1	HOUSING,
4	47127242	1	PLATE,
5	47127243	1	SHAFT,
6	47127244	1	PLUG,
7	47127245	1	SPRING,
8	47127246	1	SHIM,
9	47127247	1	BEARING, ROLLER, TAPERED,
10	47127248	1	BEARING, ROLLER, TAPERED,
11	47127249	2	HALF BEARING,
12	47127250	1	GASKET,
13	47127251	1	RING, SNAP,
14	47127252	1	PLUG,
15	47127253	1	KIT, REPAIR,
16	47127262	1	O-RING,
17	47127263	1	SEAL,

1.32.8/02B HYDRAULIC PUMP - BREAKDOWN

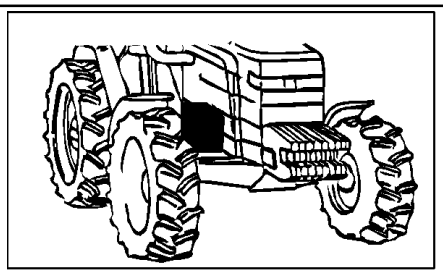


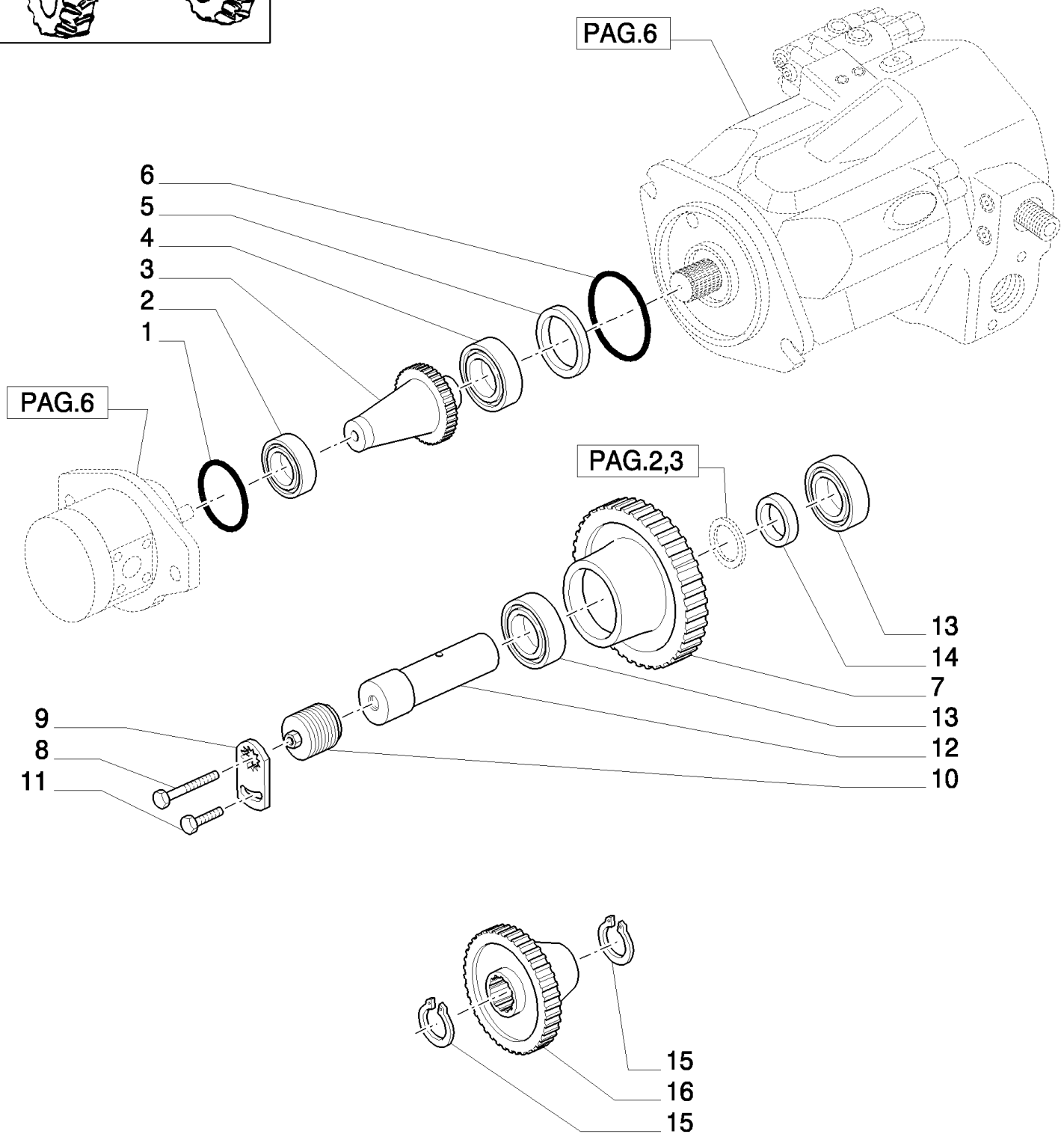


1.32.8/02B HYDRAULIC PUMP - BREAKDOWN

Ref	Part Number	Qty	Description
1	47127269	1	HOUSING, ASSY
2	47127265	1	COVER,
3	47127266	1	KIT,
4	47127270	1	HUB,
5	47127271	1	FILTER,
6	47127262	1	O-RING,
7	47127274	1	VALVE, PRESSURE RELIEF,
8	47127275	2	PLUG,
9	47127276	4	SCREW,
10	47127277	1	PIN,
11	47127280	1	O-RING,
12	47127281	1	O-RING,
13	47127264	1	HOUSING,
14	47127272	1	KIT, REPAIR,

1.32.8/04(01) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT



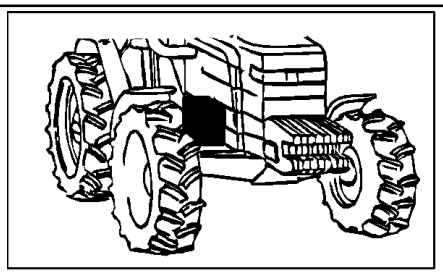


TM190 TRACTOR (6/02-) - Transmission

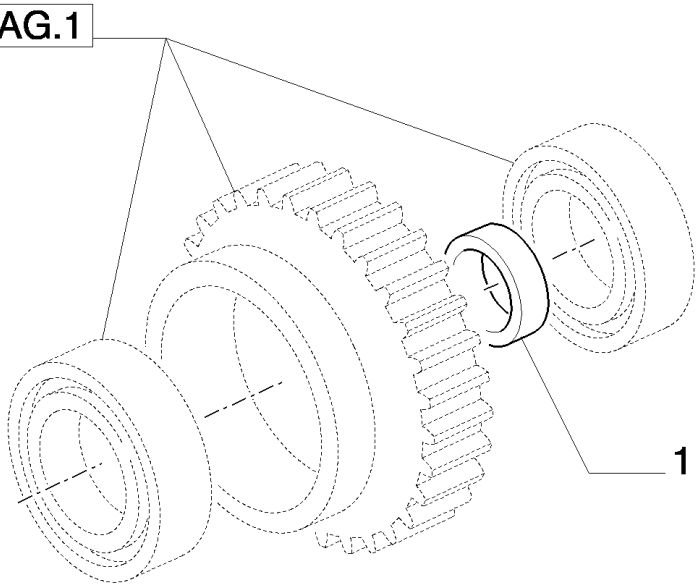
1.32.8/04(01) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	14461080	1	O-RING, -152, 70 Duro, 3.237" ID x .103" Thk,
2	5199218	1	BEARING, BALL,
3	5195239	1	GEAR,
4	5186964	1	BEARING, BALL,
5	5186955	1	SPACER,
6	14461380	1	O-RING, -155, 70 Duro, 3.987" ID x .103" Thk,
7	5195241	1	GEAR,
8	16326621	1	BOLT,
9	5196003	1	PLATE, LOCKING,
10	5196041	1	NUT, RING,
11	16323330	1	SCREW,
12	5195243	1	PIN,
13	439692	2	BEARING ASSY,
14	5196047	1	SPACER,
15	370006	2	RING, SNAP,
16	5186886	1	GEAR,

1.32.8/04(02) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT



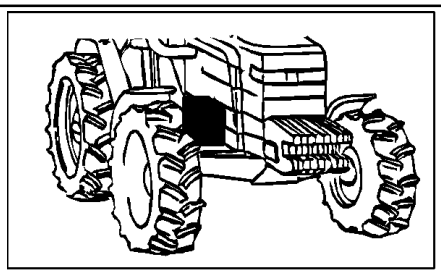
PAG.1



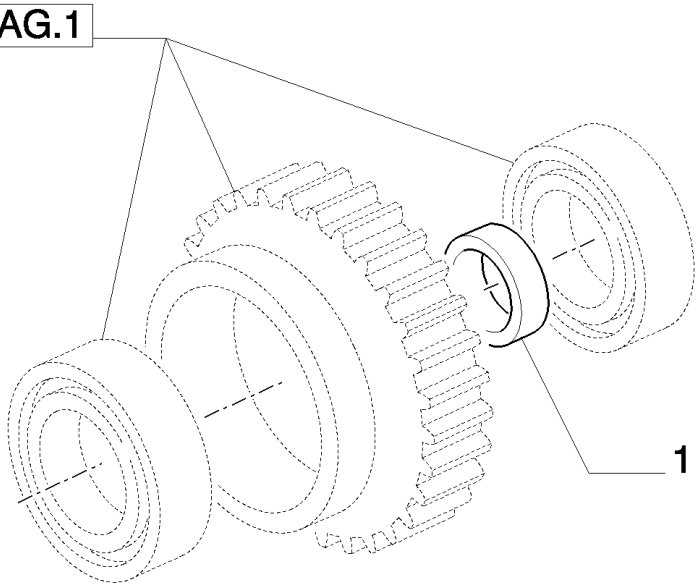
1.32.8/04(02) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	5169854	AR	SPACER, 11.800mm Thk,
1	5169855	AR	SPACER, 11.825mm Thk,
1	5169856	AR	SPACER, 11.850mm Thk,
1	5169857	AR	SPACER, 11.875mm Thk,
1	5169858	AR	SPACER, 11.900mm Thk,
1	5169859	AR	SPACER, 11.925mm Thk,
1	5169860	AR	SPACER, 11.950mm Thk,
1	5169861	AR	SPACER, 11.975mm Thk,
1	5169862	AR	SPACER, 12.000mm Thk,
1	5169863	AR	SPACER, 12.025mm Thk,
1	5169864	AR	SPACER, 12.050mm Thk,
1	5169865	AR	SPACER, 12.075mm Thk,
1	5169866	AR	SPACER, 12.100mm Thk,
1	5169867	AR	SPACER, 12.125mm Thk,
1	5169868	AR	SPACER, 12.150mm Thk,
1	5169869	AR	SPACER, 12.175mm Thk,
1	5169870	AR	SPACER, 12.200mm Thk,

1.32.8/04(03) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT



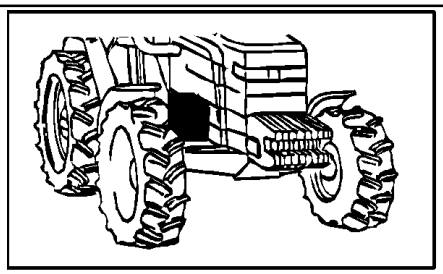
PAG.1

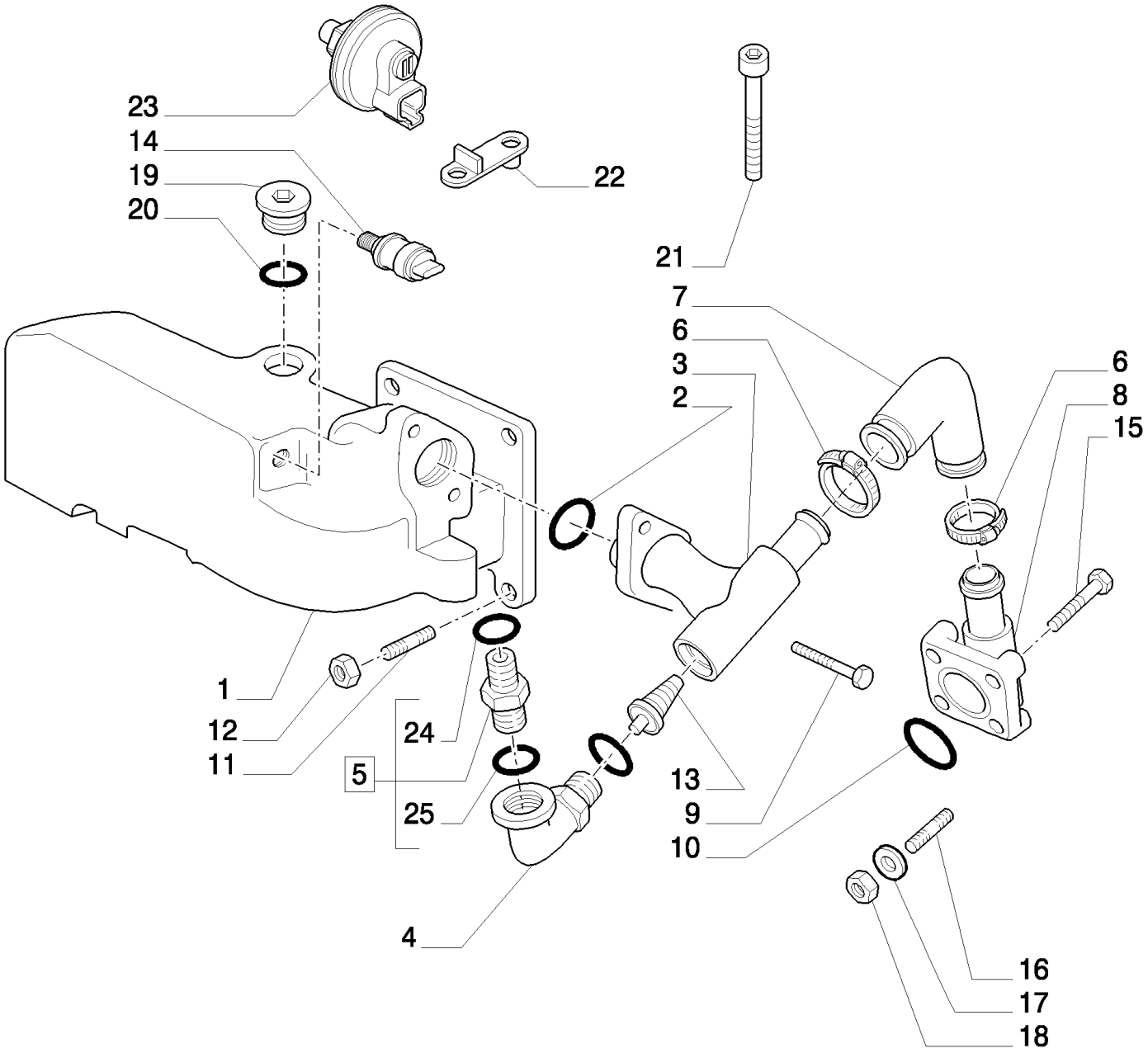


1.32.8/04(03) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	5169871	AR	SPACER, 12.225mm Thk,
1	5169872	AR	SPACER, 12.250mm Thk,
1	5169873	AR	SPACER, 12.275mm Thk,
1	5169874	AR	SPACER, 12.300mm Thk,
1	5169875	AR	SPACER, 12.325mm Thk,
1	5169876	AR	SPACER, 12.350mm Thk,
1	5169877	AR	SPACER, 12.375mm Thk,
1	5169878	AR	SPACER, 12.400mm Thk,
1	5169879	AR	SPACER, 12.425mm Thk,
1	5169880	AR	SPACER, 12.450mm Thk,
1	5169881	AR	SPACER, 12.475mm Thk,
1	5169882	AR	SPACER, 12.500mm Thk,
1	5169883	AR	SPACER, 12.525mm Thk,
1	5169884	AR	SPACER, 12.550mm Thk,
1	5169885	AR	SPACER, 12.575mm Thk,
1	5169886	AR	SPACER, 12.600mm Thk,

1.32.8/04(04) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT





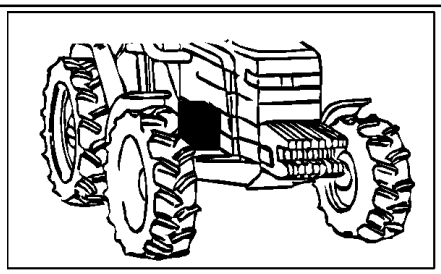
TM190 TRACTOR (6/02-) - Transmission

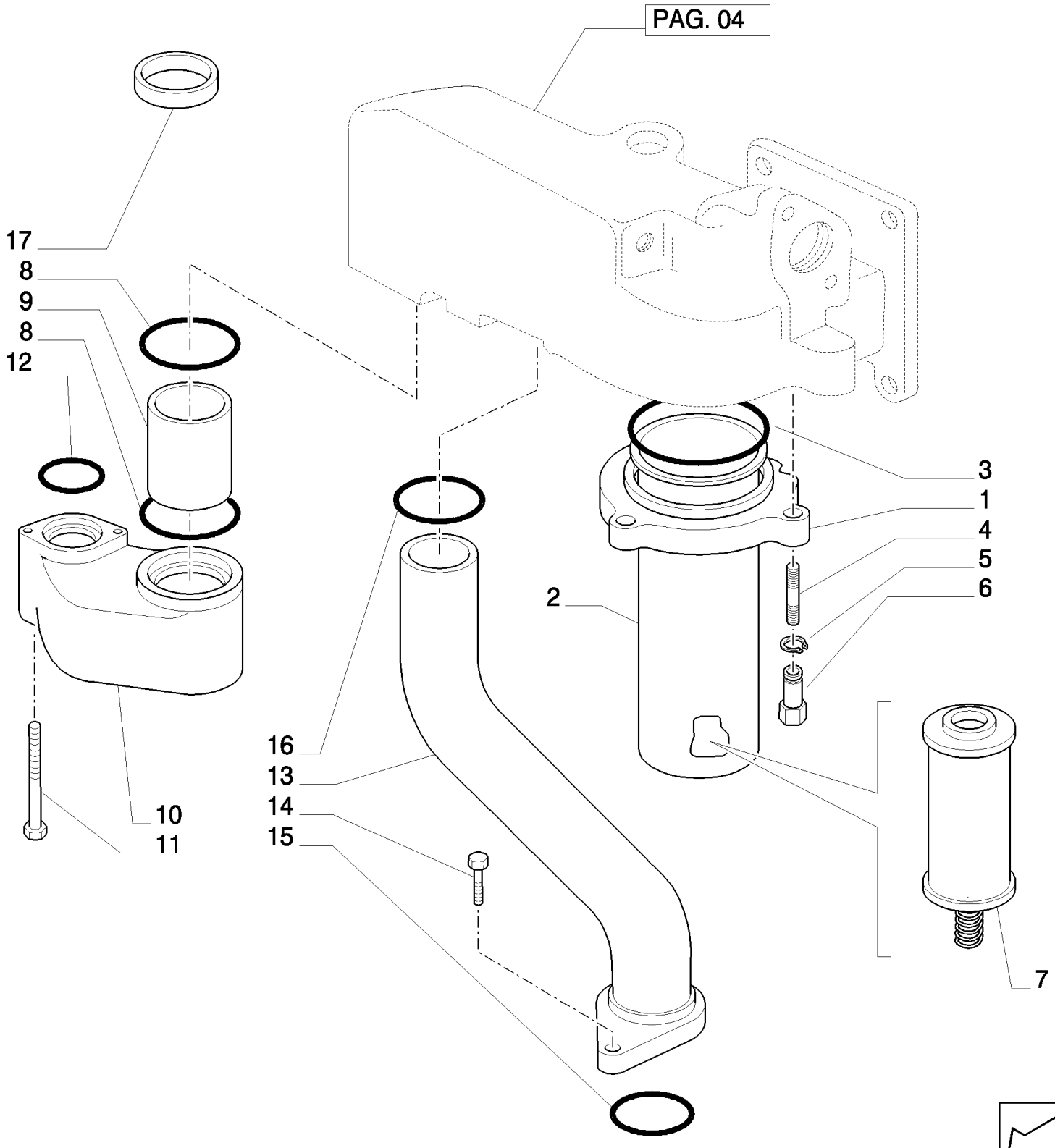
1.32.8/04(04) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	5198194	1	SUPPORT,
2	14463681	1	O-RING, -218, Cl 7, 1.234" ID x .139" Thk,
3	5196548	1	MANIFOLD,
4	5198708	1	ELBOW,
5	5198995	1	VALVE, CHECK, PARKER
5	87555079	1	VALVE, CHECK, FASTER
6	13000690	2	CLAMP, HOSE,
7	5196509	1	ELBOW,
8	5196510	1	PIPE,
9	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
10	14463681	1	O-RING, -218, Cl 7, 1.234" ID x .139" Thk,
11	13449424	3	STUD, M10X1,5X22
12	12164714	3	NUT, M10 x 1.25, Cl 8,
13	47123798	1	VALVE, BY-PASS,
14	82025340	1	SWITCH, Vacuum, -C5240
15	14305934	4	SCREW, M6x45
16	10730821	2	WASHER, M14 x 26 OD x 3 Thk,
17	13555334	2	STUD, M14X28
18	12164021	2	NUT, M14 x 1.5, Cl 10,
19	10119040	1	PLUG, M27 x 2 x 20, Brass,
20	14438185	1	O-RING, 24MM ID x 3.0 Thk,
21	14306920	1	SCREW, Hex Soc Hd, M8 x 50, 8.8,
22	47129062	5	PLATE,
23	87303771	1	SWITCH, Vacuum, D5240-
24	5185513	1	O-RING,
25	81826567	1	O-RING,

D5240 After Date 15 May 2006

1.32.8/04(05) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT



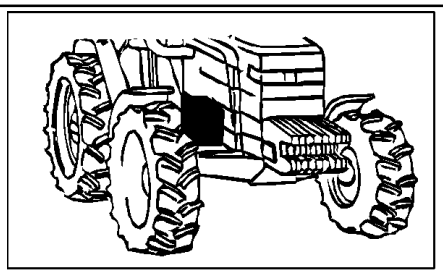


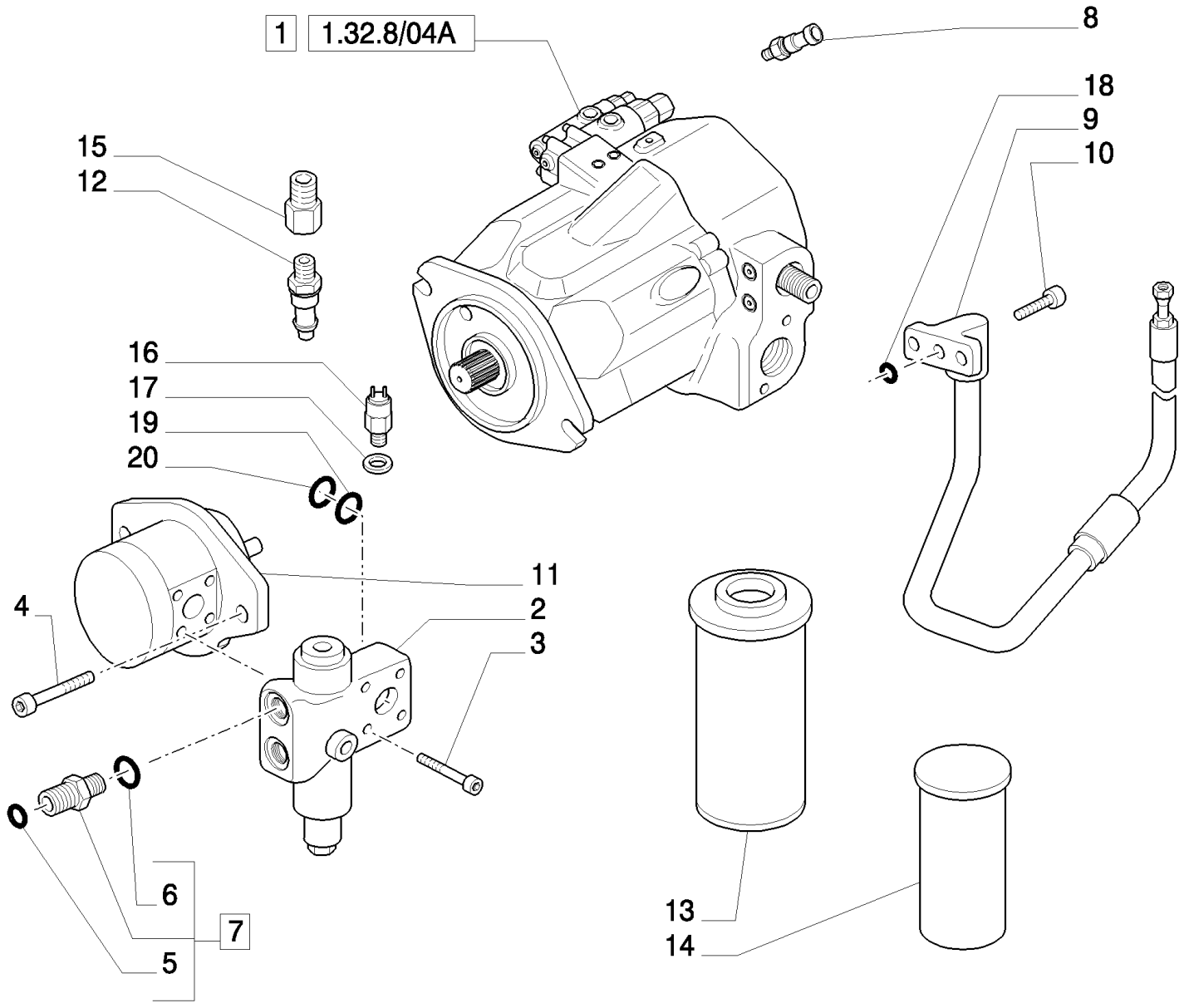
TM190 TRACTOR (6/02-) - Transmission

1.32.8/04(05) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	5196502	1	RING, LOCKING,
2	5196564	1	HOUSING,
3	14466381	1	O-RING, -245, Cl 7, 4.359" ID x .139" Thk,
4	13517630	3	STUD, M8X12
5	13397776	3	RING, SNAP, M16, Int,
6	5196481	3	NUT,
7	47132992	1	FILTER, HYDRAULIC OIL,
8	510121	2	O-RING, -227, 70 Duro, 2.109" ID x .139" Thk,
9	5196560	1	TUBE,
10	5198577	1	MANIFOLD,
11	16045024	2	BOLT, Hex, M8 x 90, 8.8,
12	235782	1	O-RING, -224, 90 Duro, 1.734" ID x .139" Thk,
13	5196092	1	TUBE,
14	16043624	1	BOLT, Hex, M8 x 25, 8.8, Full Thd,
15	76046537	1	GASKET,
16	14471580	1	O-RING, -332, 70 Duro, 2.35" ID x .210" Thk,
17	5198578	1	RING,

1.32.8/04(06) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT

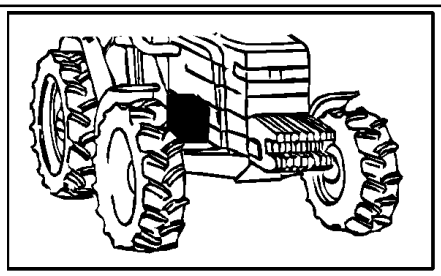


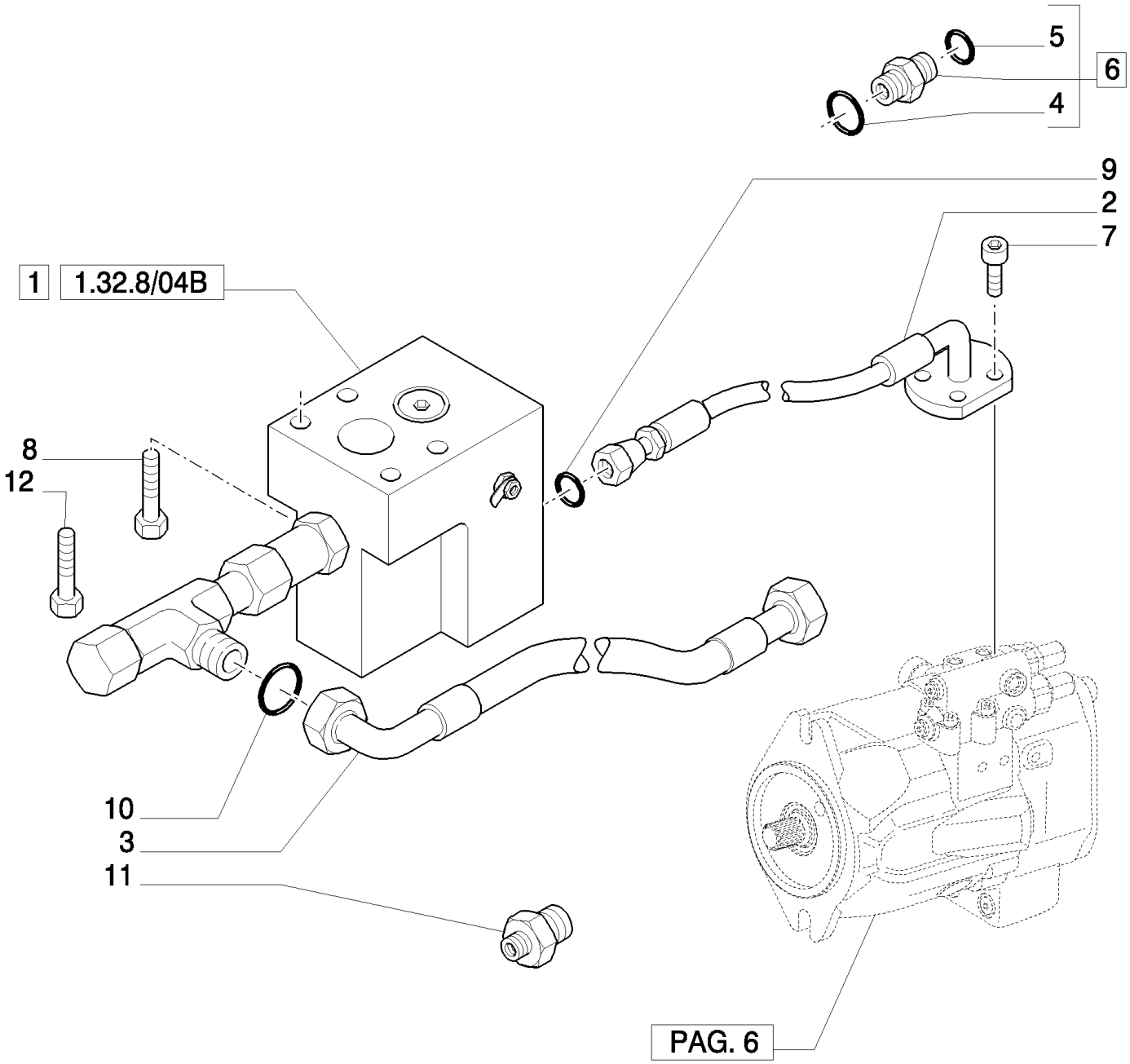


1.32.8/04(06) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	47133946	1	PUMP, HYDRAULIC, 150 L/min CCLS W/EDC, ASSY
2	5188291	1	VALVE, HYDRAULIC, Incl. 19,20
3	14305821	4	SCREW, Hex Soc Hd, M6 x 40, 8.8,
4	14307630	2	SCREW, Hex Soc Hd, M10 x 1.25 x 35, 10.9,
5	5185512	1	O-RING, 15,6 ID x 1,78 Thk
6	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
7	5185046	1	CONNECTOR, HYD.,
8	82028134	1	SWITCH,
9	47130374	1	PIPE,
10	14306424	2	SCREW, Hex Soc Hd, M8 x 25, 8.8,
11	47129423	1	PUMP, HYDRAULIC,
12	82028130	1	SWITCH, PRESSURE,
13	86018758	1	FILTER, HYDRAULIC OIL,
14	9821387	1	FILTER, HYDRAULIC OIL, Charge Pump
15	81866305	1	CONNECTOR, HYD.,
16	82030730	1	SWITCH, PRESSURE, Oil Pressure
17	5183780	1	WASHER, SEALING,
18	14462880	1	O-RING, -210, 70 Duro, .734" ID x .139" Thk,
19	5190751	1	O-RING,
20	5195150	1	SEAL,

1.32.8/04(07) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT



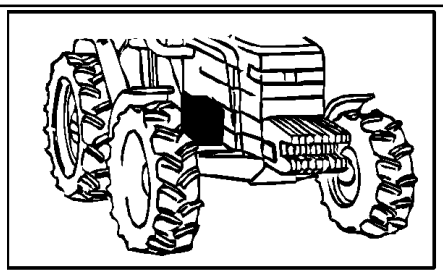


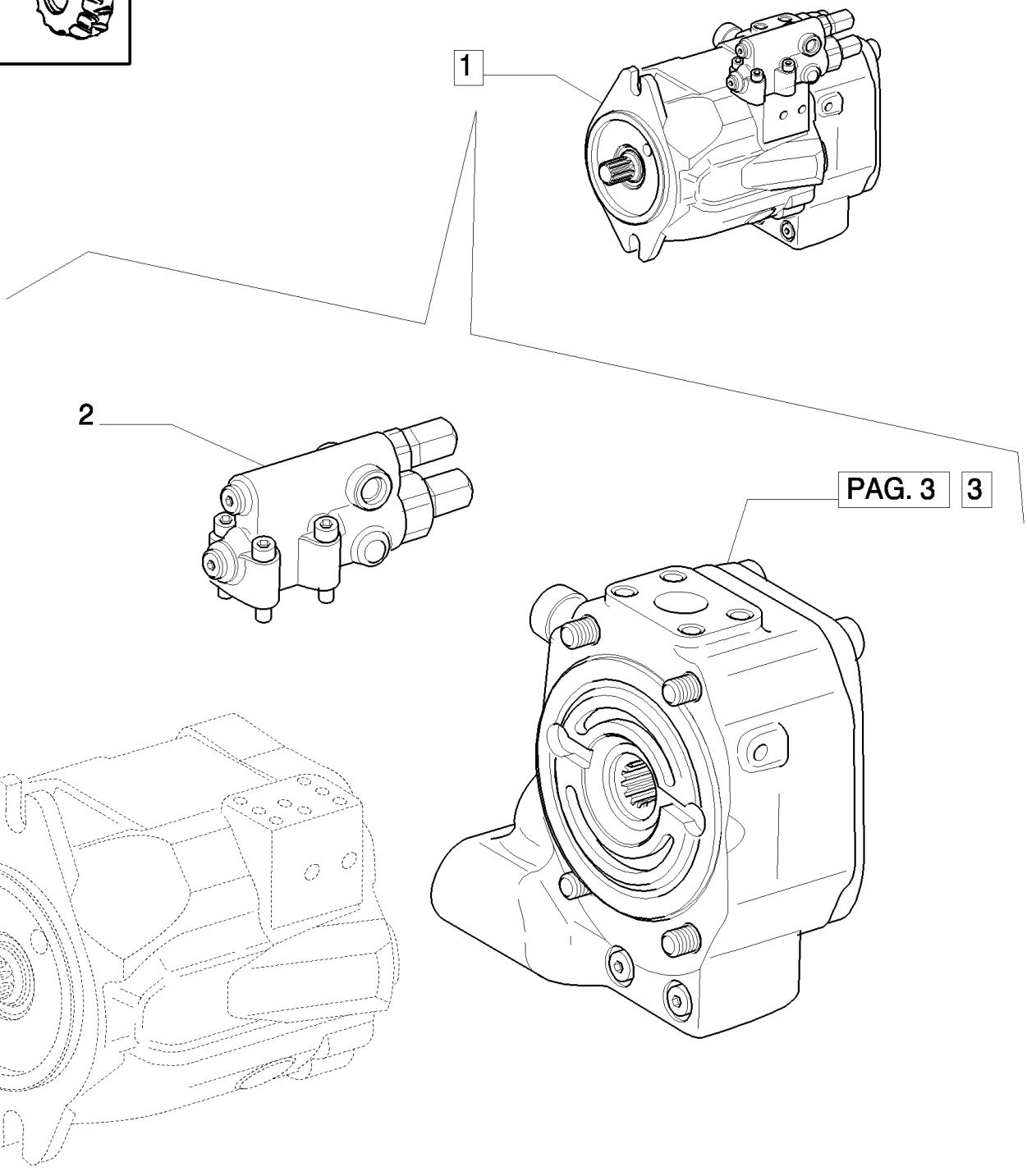
TM190 TRACTOR (6/02-) - Transmission

1.32.8/04(07) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - PUMPS FOR HYDRAULIC SYSTEM AND LIFT

Ref	Part Number	Qty	Description
1	47134656	1	VALVE, HYDRAULIC, ASSY
2	47124580	1	HOSE, FLEXIBLE,
3	47133944	1	HOSE, FLEXIBLE, , from valve to distributor
4	5185512	1	O-RING, 1.78x15.6
5	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
6	5192291	1	CONNECTOR, HYD.,
7	14432231	4	SCREW, Hex Soc Hd, M6 x 22, 10.9,
8	14420631	4	SCREW, Hex Soc Hd, M10 x 50, 10.9,
9	14457981	1	O-RING, -121, Cl 7, 1.049" ID x .103" Thk,
10	5135739	1	O-RING, -116, Cl 9, .737" ID x .103" Thk,
11	47135519	1	PLUG,
12	14421521	1	SCREW,

1.32.8/04A(01) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - HYDRAULIC PUMP - BREAKDOWN

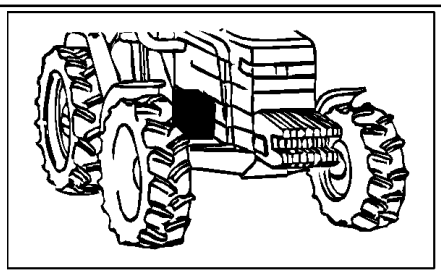


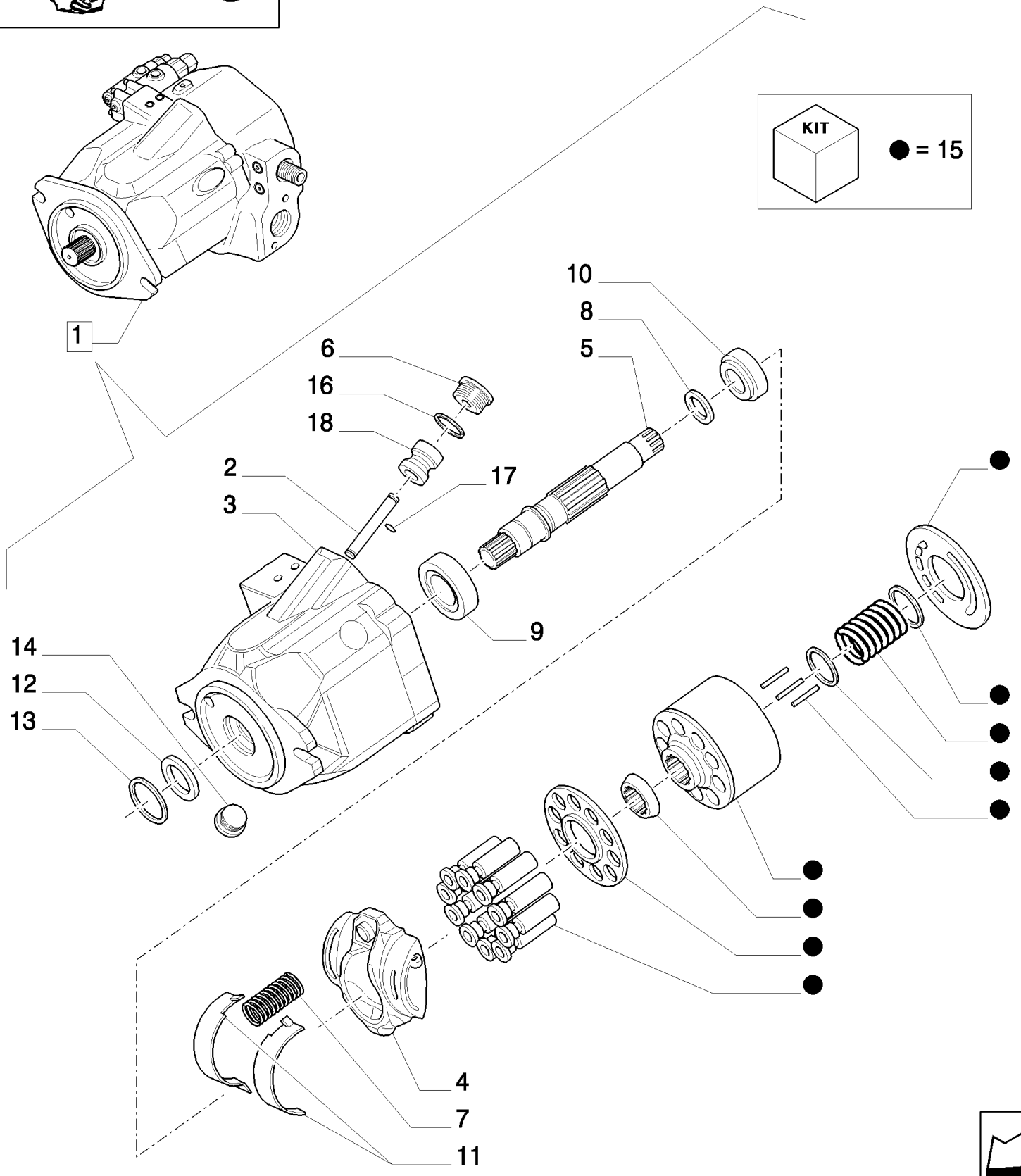


1.32.8/04A(01) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - HYDRAULIC PUMP - BREAKDOWN

Ref	Part Number	Qty	Description
1	47133946	1	PUMP, HYDRAULIC, 150 L/min CCLS W/EDC, ASSY
2	47127261	1	REGULATOR,
3	9992298	1	O-RING, -014, 90 Duro, .489" ID x .070" Thk,

1.32.8/04A(02) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - HYDRAULIC PUMP - BREAKDOWN

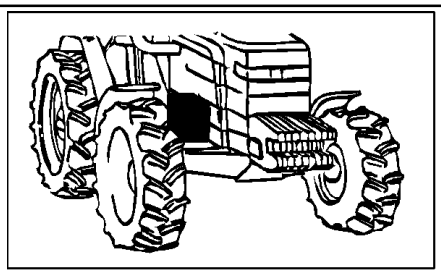


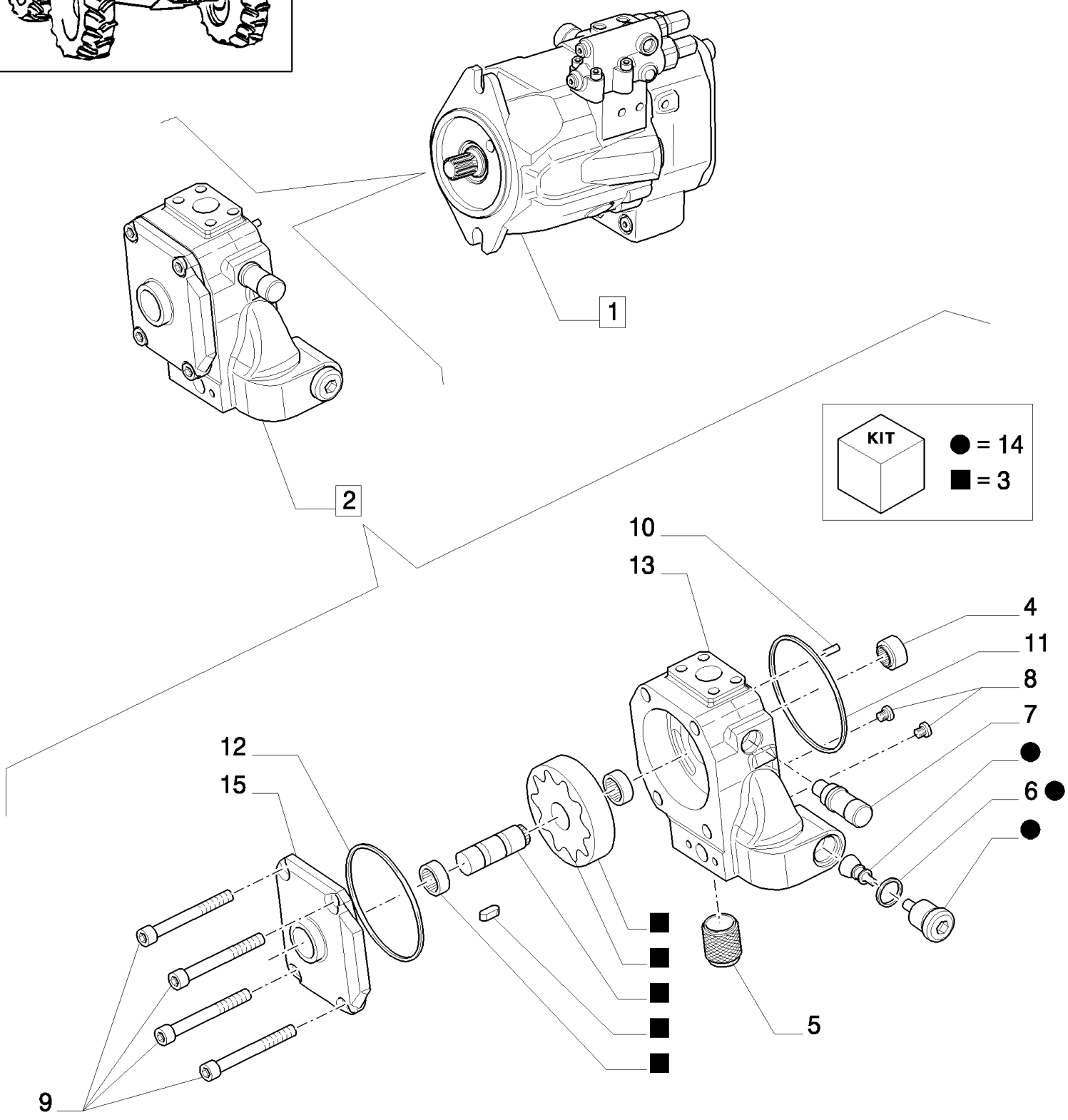


1.32.8/04A(02) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - HYDRAULIC PUMP - BREAKDOWN

Ref	Part Number	Qty	Description
1	47133946	1	PUMP, HYDRAULIC, 150 L/min CCLS W/EDC, ASSY
2	47127240	1	ROD,
3	47135257	1	HOUSING,
4	47135258	1	TRAY,
5	47127243	1	SHAFT,
6	47135259	1	PLUG,
7	47127245	1	SPRING,
8	47127246	1	SHIM,
9	47127247		BEARING, ROLLER, TAPERED,
10	47127248	1	BEARING, ROLLER, TAPERED,
11	47135260	2	RING, THRUST,
12	47127250	1	GASKET,
13	47127251	1	RING, SNAP,
14	47127252	1	PLUG,
15	47135261	1	ROTOR,
16	47127262	1	O-RING,
17	47127263	1	SEAL,
18	47135256	1	PISTON,

1.32.8/04A(03) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - HYDRAULIC PUMP - BREAKDOWN

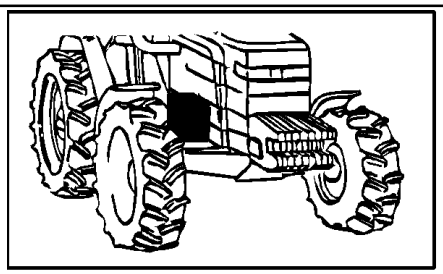


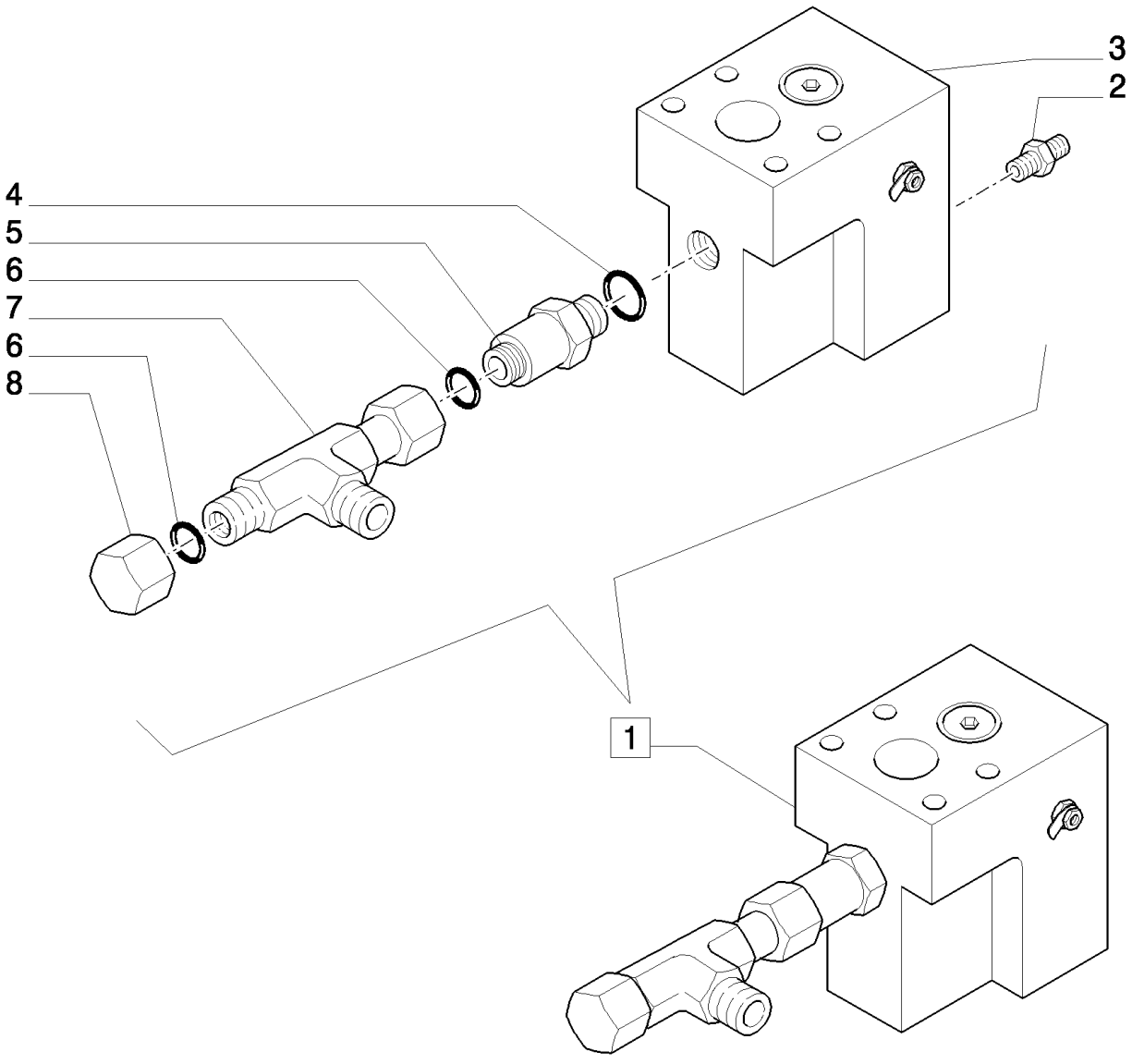


1.32.8/04A(03) (VAR.481) 150 L/MIN PUMP CCLS W/EDC - HYDRAULIC PUMP - BREAKDOWN

Ref	Part Number	Qty	Description
1	47133946	1	PUMP, HYDRAULIC, 150 L/min CCLS W/EDC, ASSY
2	47135255	1	PLATE,
3	47135265	1	KIT,
4	47127270	1	HUB,
5	47127271	1	FILTER,
6	47127262	1	O-RING,
7	47127274	1	VALVE, PRESSURE RELIEF,
8	47127275	2	PLUG,
9	47127276	4	SCREW,
10	47127277	1	PIN,
11	47127280	1	O-RING,
12	47135264	1	O-RING,
13	47135262	1	HOUSING,
14	47127272	1	KIT, REPAIR,
15	47135263	1	COVER,

1.32.8/04B (VAR.481) 150 L/MIN PUMP CCLS W/EDC - VALVE - BREAKDOWN

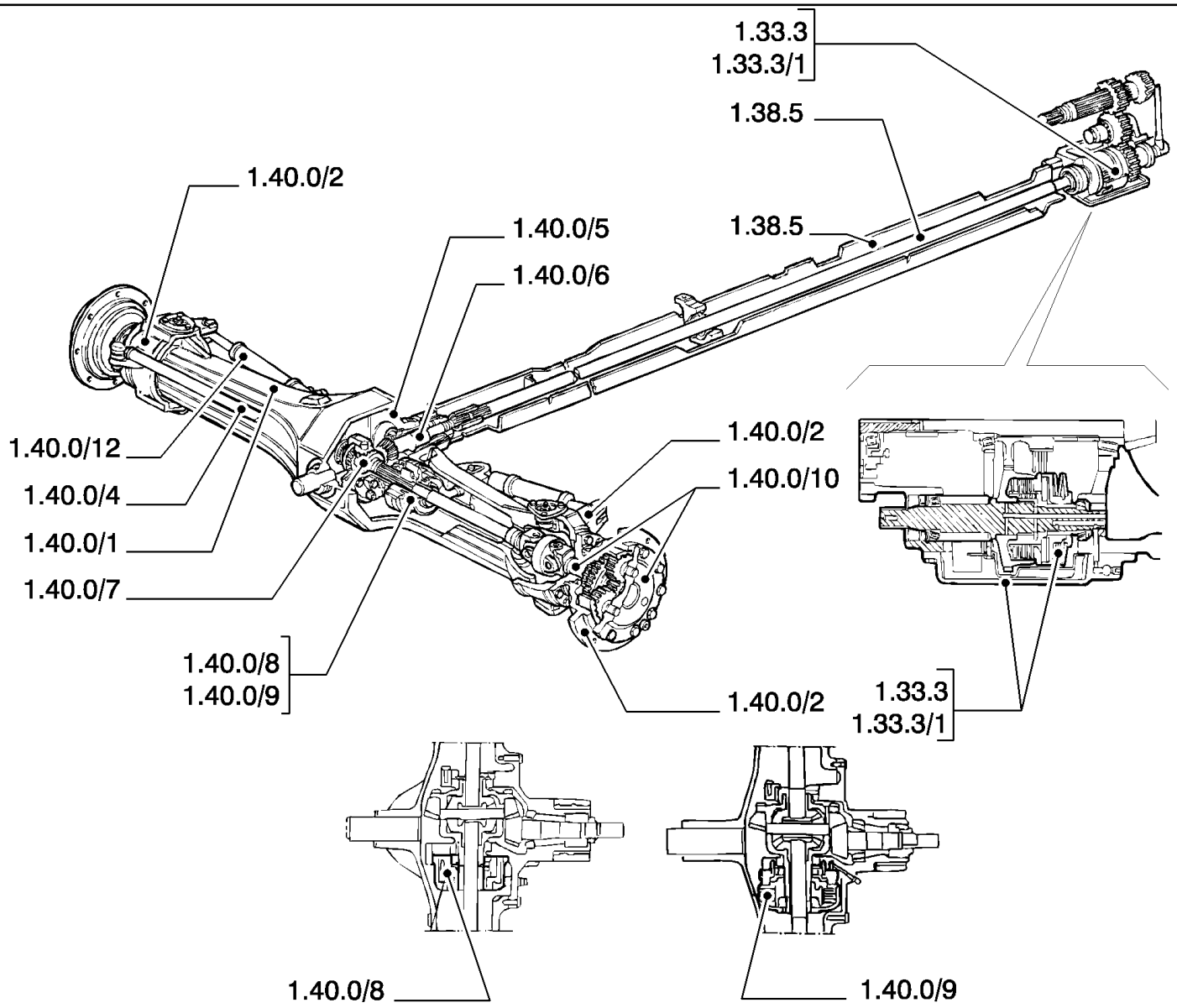


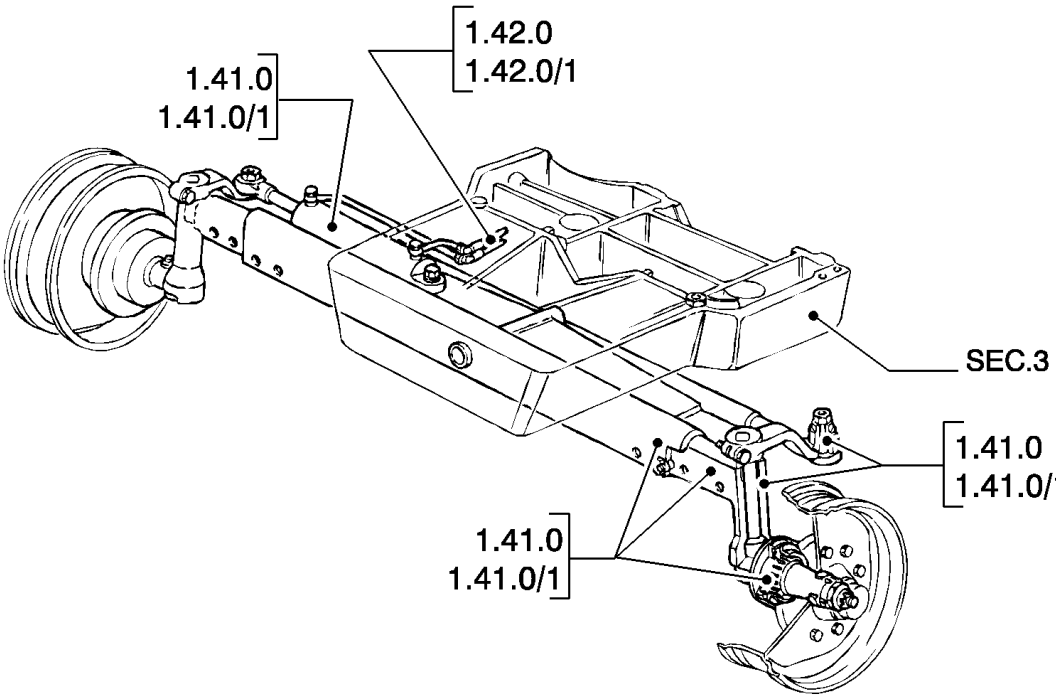


TM190 TRACTOR (6/02-) - Transmission

1.32.8/04B (VAR.481) 150 L/MIN PUMP CCLS W/EDC - VALVE - BREAKDOWN

Ref	Part Number	Qty	Description
1	47134656	1	VALVE, HYDRAULIC, ASSY
2	5185041	1	CONNECTOR, HYD.,
3	47133945	1	VALVE, HYDRAULIC,
4	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
5	5199935	1	CONNECTOR, HYD.,
6	5185512	1	O-RING, 15.6IDx1.78Thk
7	47134655	1	TEE,
8	83987627	1	CAP,

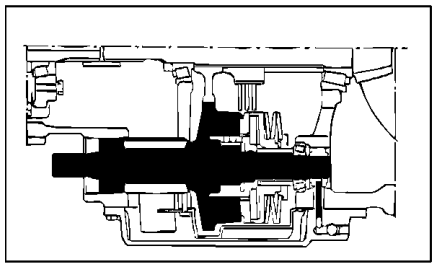

1.33.3
1.33.3/1
1.38.5
1.40.0/2
1.40.0/5
1.40.0/6
1.38.5
1.40.0/12
1.40.0/4
1.40.0/1
1.40.0/7
1.40.0/2
1.40.0/10
1.40.0/8
1.40.0/9
1.40.0/2
1.33.3
1.33.3/1
1.40.0/8
1.40.0/9

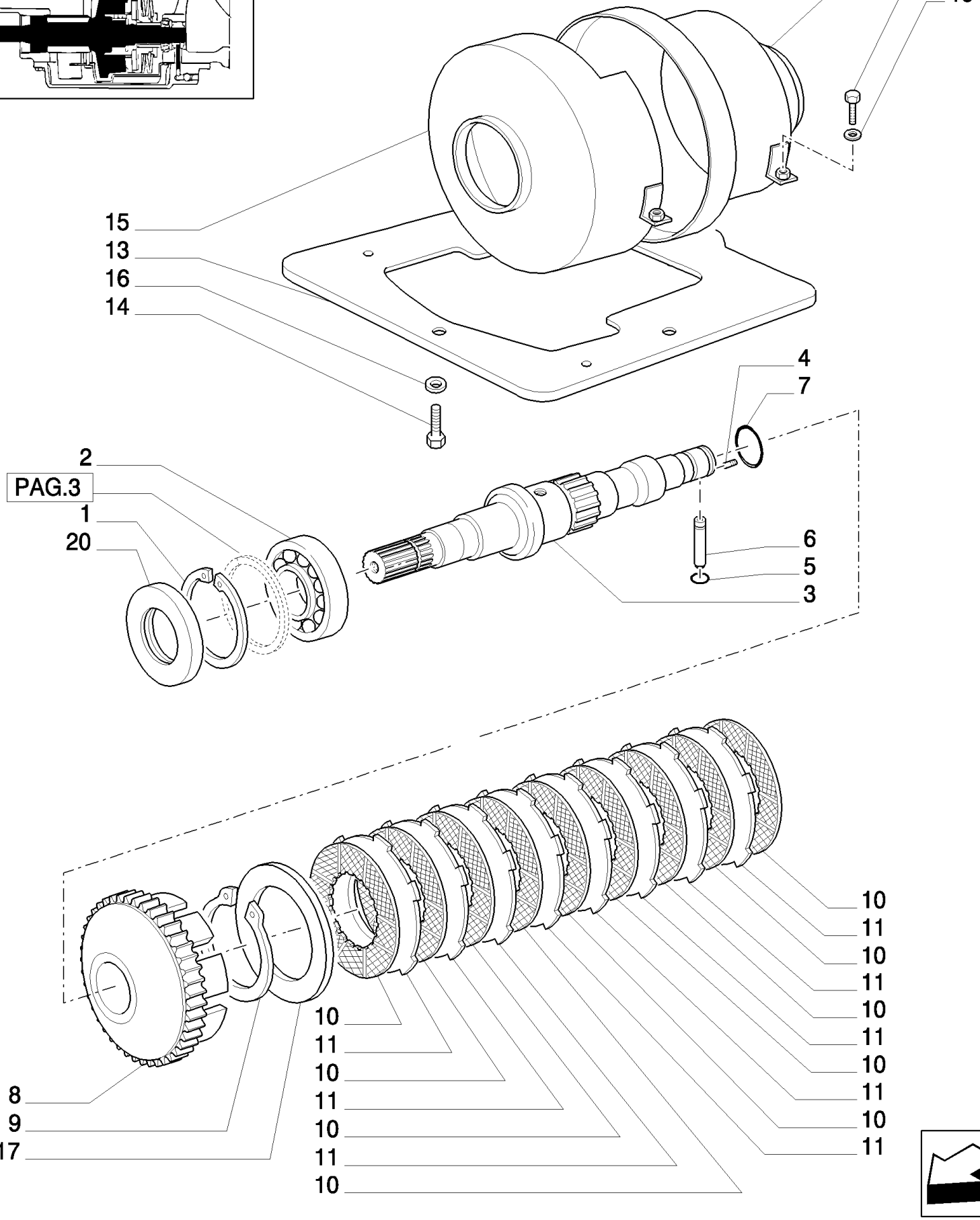

1.42.0
1.42.0/1
1.41.0
1.41.0/1
SEC.3
1.41.0
1.41.0/1
1.41.0
1.41.0/1

1.33.0 SEC. 04 - FRONT AXLE

Ref	Part Number	Qty	Description

1.33.3/01(01) START HYDRAULIC CLUTCH (4WD)



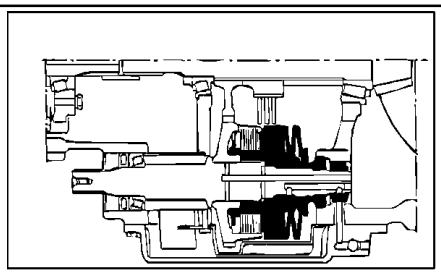


TM190 TRACTOR (6/02-) - Front Axle & Steering

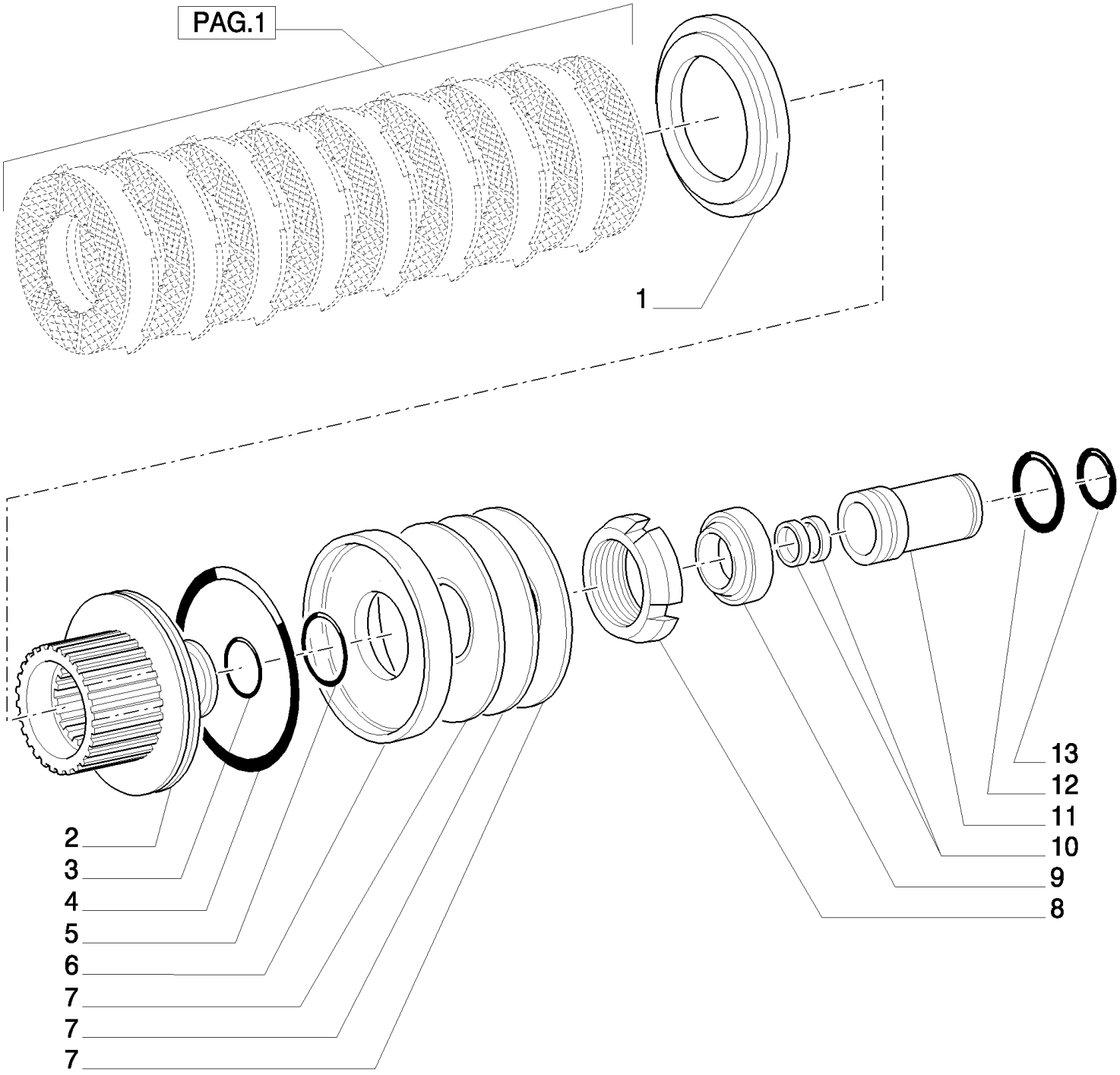
1.33.3/01(01) START HYDRAULIC CLUTCH (4WD)

Ref	Part Number	Qty	Description
1	11061976	1	RING, SNAP, M80, Int,
2	26799960	1	BEARING ASSY,
3	5195108	1	SHAFT,
4	13789620	1	SET SCREW, Hex Soc, M8 x 10, Flat Pt,
5	14453081	1	O-RING, -013, Cl 7, .426" ID x .070" Thk,
6	14516210	1	DOWEL, M7 x 45, 7X45
7	14459080	1	O-RING, -131, 70 Duro, 1.737" ID x .103" Thk,
8	5164773	1	GEAR, DRIVEN,
9	5139462	1	RING, SNAP,
10	5163844	10	CLUTCH, PLATE,
11	5163840	9	PLATE, DRIVE,
12	5195439	1	SHIELD,
13	5195444	1	SHIELD,
14	16043224	4	BOLT, Hex, M8 x 16, 8.8, Full Thd,
15	5195442	1	SHIELD,
16	11193874	4	WASHER, SPRING, Belleville, M8.4,
17	47126552	1	CLUTCH, PLATE,
18	10902024	4	BOLT, Hex, M6 x 12, 8.8, Full Thd,
19	11197774	4	WASHER, SPRING, Belleville, M6.4,
20	5125897	1	SEAL, 40X80X12

1.33.3/01(02) START HYDRAULIC CLUTCH (4WD)



PAG.1

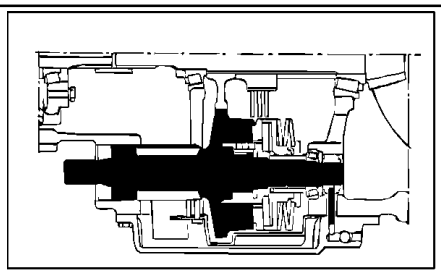


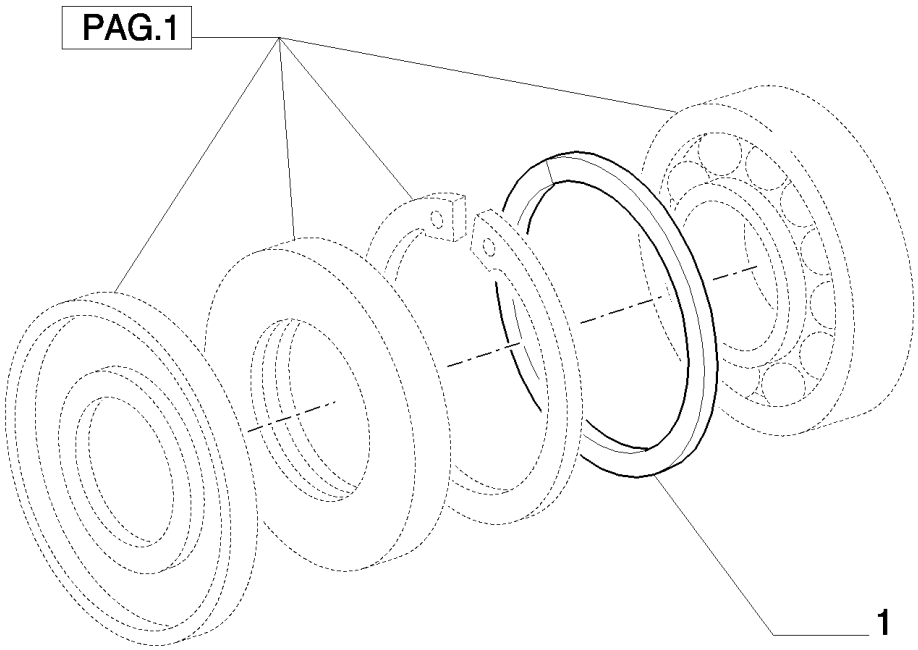
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.33.3/01(02) START HYDRAULIC CLUTCH (4WD)

Ref	Part Number	Qty	Description
1	47126551	1	CLUTCH, PLATE,
2	5195122	1	HUB,
3	14458780	1	O-RING, -129, 70 Duro, 1.549" ID x .103" Thk,
4	14462080	1	O-RING, -162, 70 Duro, 5.737" ID x .103" Thk,
5	14459680	1	O-RING, -138, 90 Duro, 2.112" ID x .103" Thk,
6	5193859	1	PISTON,
7	89845126	8	SPRING, BELLEVILLE,
8	5193860	1	NUT, RING, M58 x 1.5
9	26799950	1	BEARING, ROLLER,
10	5185502	2	O-RING,
11	5195345	1	MANIFOLD,
12	14459180	1	O-RING, -132, 70 Duro, 1.799" ID x .103" Thk,
13	14458881	1	O-RING, -130, CI 7, 1.612" ID x .103" Thk,

1.33.3/01(03) START HYDRAULIC CLUTCH (4WD)

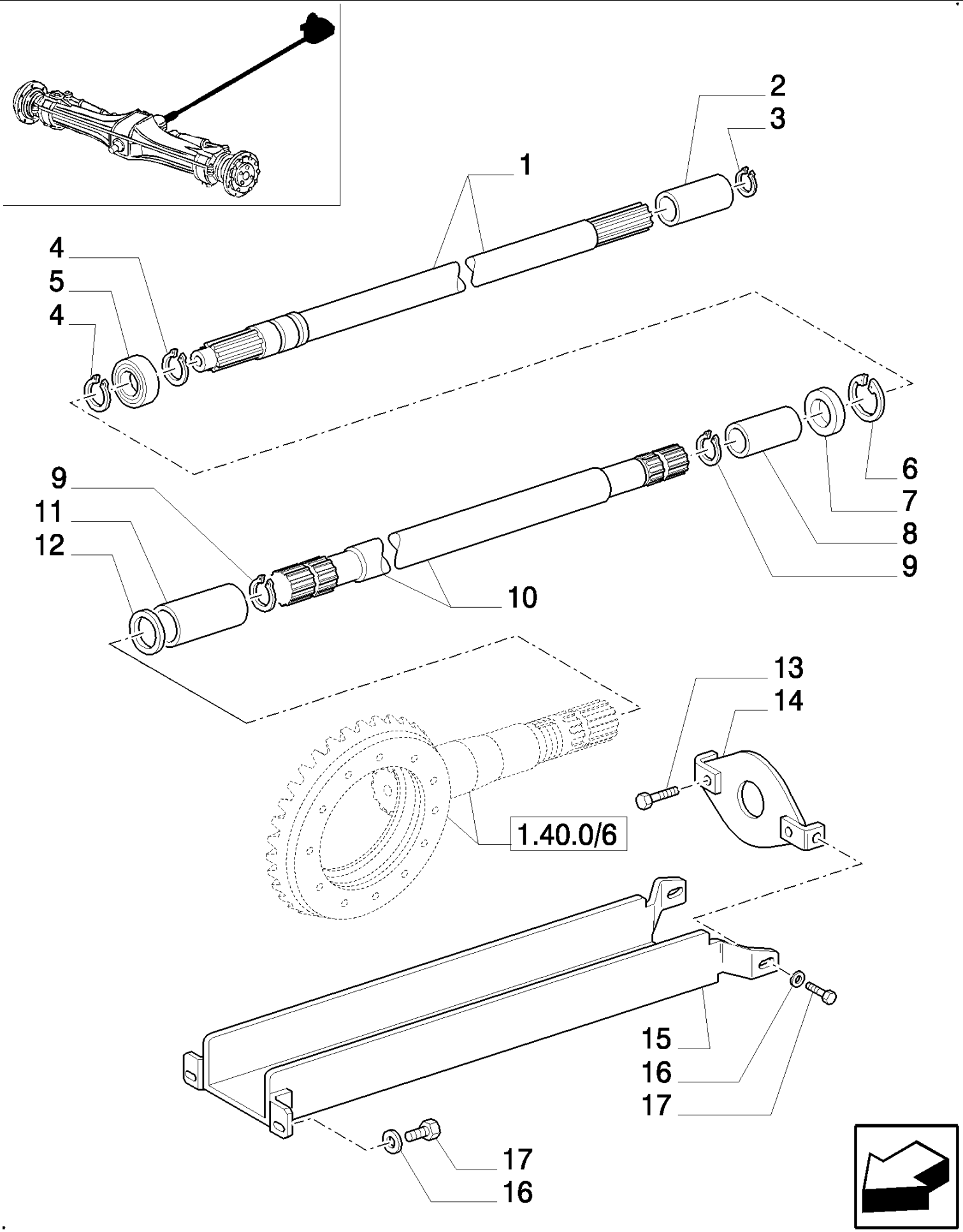




1.33.3/01(03) START HYDRAULIC CLUTCH (4WD)

Ref	Part Number	Qty	Description
1	5124475	AR	SHIM, 1.00mm Thk,
1	5124476	AR	SHIM, 1.05mm Thk,
1	5124477	AR	SHIM, 1.10mm Thk,
1	5124478	AR	SHIM, 1.15mm Thk,
1	5124479	AR	SHIM, 1.20mm Thk,
1	5124480	AR	SHIM, 1.25mm Thk,
1	5124481	AR	SHIM, 1.30mm Thk,
1	5124482	AR	SHIM, 1.35mm Thk,
1	5124483	AR	SHIM, 1.40mm Thk,
1	5124484	AR	SHIM, 1.45mm Thk,
1	5124485	AR	SHIM, 1.50mm Thk,
1	5124486	AR	SHIM, 1.55mm Thk,
1	5124487	AR	SHIM, 1.60mm Thk,
1	5124488	AR	SHIM, 1.65mm Thk,
1	5124489	AR	SHIM, 1.70mm Thk,
1	5124490	AR	SHIM, 1.75mm Thk,
1	5124491	AR	SHIM, 1.80mm Thk,
1	5124492	AR	SHIM, 1.85mm Thk,
1	5124493	AR	SHIM, 1.90mm Thk,
1	5124494	AR	SHIM, 1.95mm Thk,
1	5124475	AR	SHIM, 1.00mm Thk, MM.2,00
1	5124496	AR	SHIM, 2.05mm Thk,
1	5124497	AR	SHIM, 2.10mm Thk,
1	5124498	AR	SHIM, 2.15mm Thk,
1	5124499	AR	SHIM, 2.20mm Thk,

1.38.5(03) FRONT AXLE PROPELLER SHAFT (4WD)

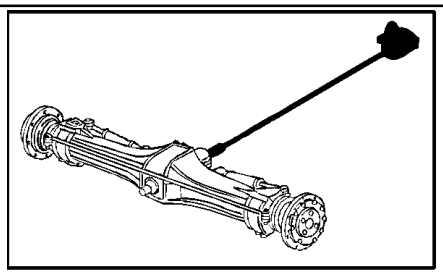


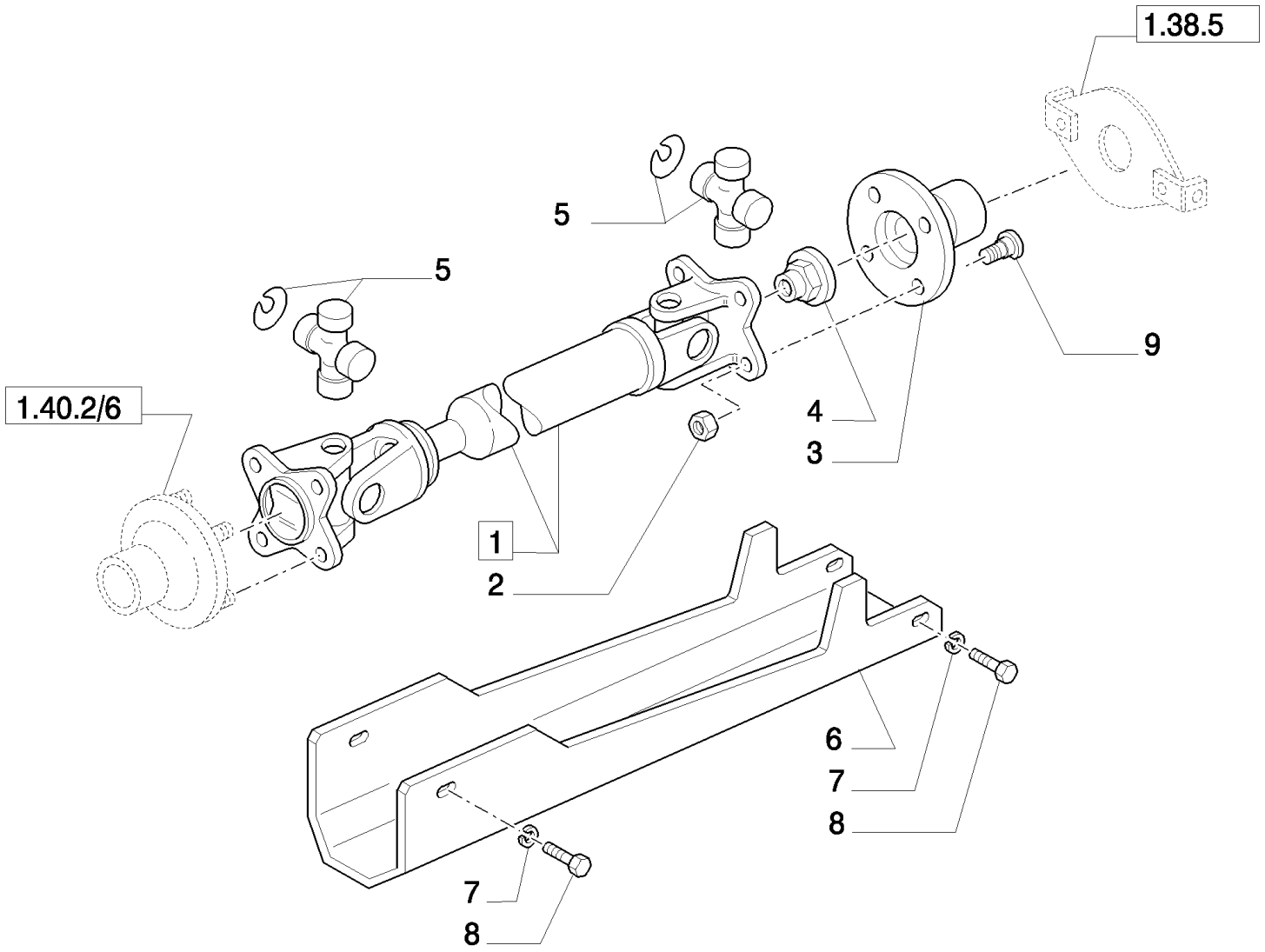
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.38.5(03) FRONT AXLE PROPELLER SHAFT (4WD)

Ref	Part Number	Qty	Description
1	5195110	1	SHAFT, DRIVE, REAR
2	5172239	1	SLEEVE, LENGTH=MM.80,5 - REAR
3	11058876	1	RING, SNAP, M30, Int,
4	11068876	2	RING, SNAP, M40, Ext,
5	20915780	1	BEARING, BALL, 40 x 80 x 18
6	11061976	1	RING, SNAP, M80, Int,
7	5125897	1	SEAL, 40X80X12
8	5183663	1	SLEEVE, LENGTH=MM.110 - MID.
9	5109282	2	RING, SNAP,
10	5183667	1	SHAFT, DRIVE, FRONT
11	4994076	1	SLEEVE, LENGTH=MM.80,5 - FRONT
12	5118722	AR	SHIM, MM.1,0
12	5118723	AR	SHIM, MM.1,2
12	5118724	AR	SHIM, MM.1,5
12	5118725	AR	SHIM, MM.1,8
13	11306924	2	BOLT, Hex, M10 x 1.25 x 30, 8.8, Full Thd,
14	5191197	1	FLANGE,
15	47125905	1	SHIELD,
16	11198179	4	WASHER, SPRING, Belleville, M8.4,
17	82019896	4	SCREW, M8 x 1.25 x 16

1.38.5/03 (VAR.416) FRONT AXLE PROPELLER SHAFT (4WD) - W/SUPERSTEER FRONT AXLE

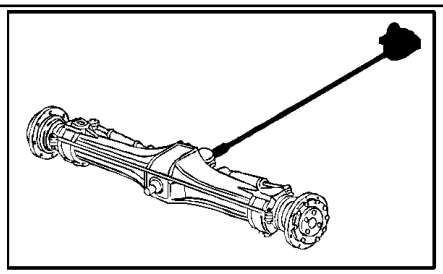


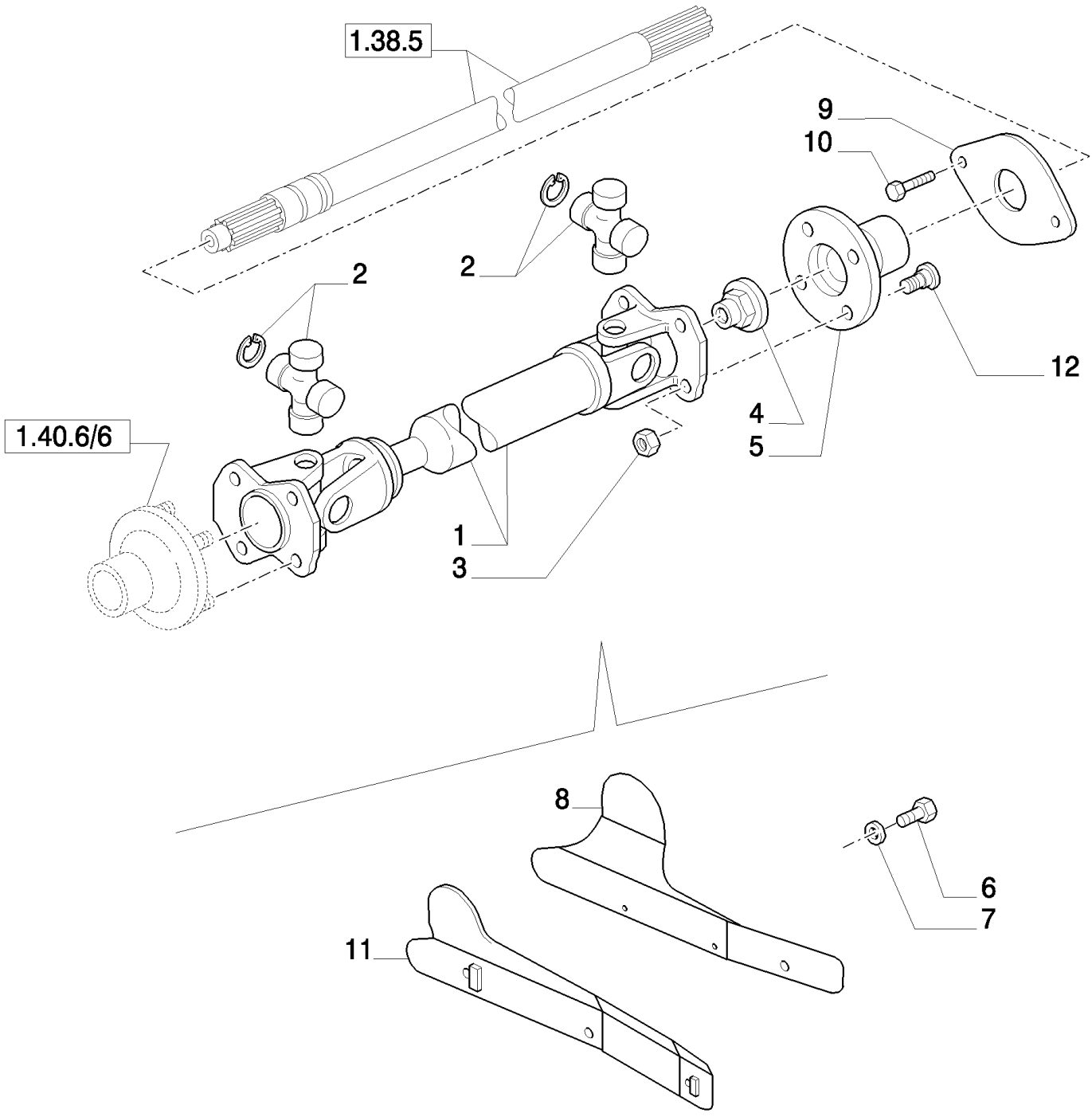


1.38.5/03 (VAR.416) FRONT AXLE PROPELLER SHAFT (4WD) - W/SUPERSTEER FRONT AXLE

Ref	Part Number	Qty	Description
1	82020753	1	SHAFT, PROPELLOR, Incl. Ref. 5, DANA SPICER, -C5347
1	87393883	1	SHAFT, PROPELLOR, HINDUSTAN HARDY SPICER, D5347-
2	82936516	8	NUT, 7/16"-20
3	5190331	1	FLANGE, Incl. Ref. 9
4	5111953	1	NUT, M24X2
5	82021088	2	KIT,
6	82027401	1	SHIELD,
7	11198179	4	WASHER, SPRING, Belleville, M8.4,
8	82019896	4	SCREW, M8 x 1.25 x 16
9	5190329	4	SCREW,

1.38.5/06 (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - DRIVE SHAFT

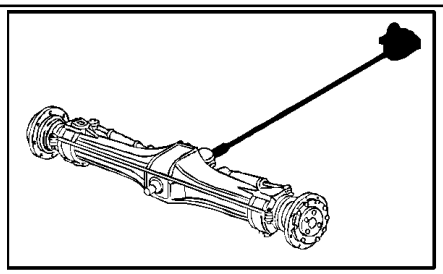


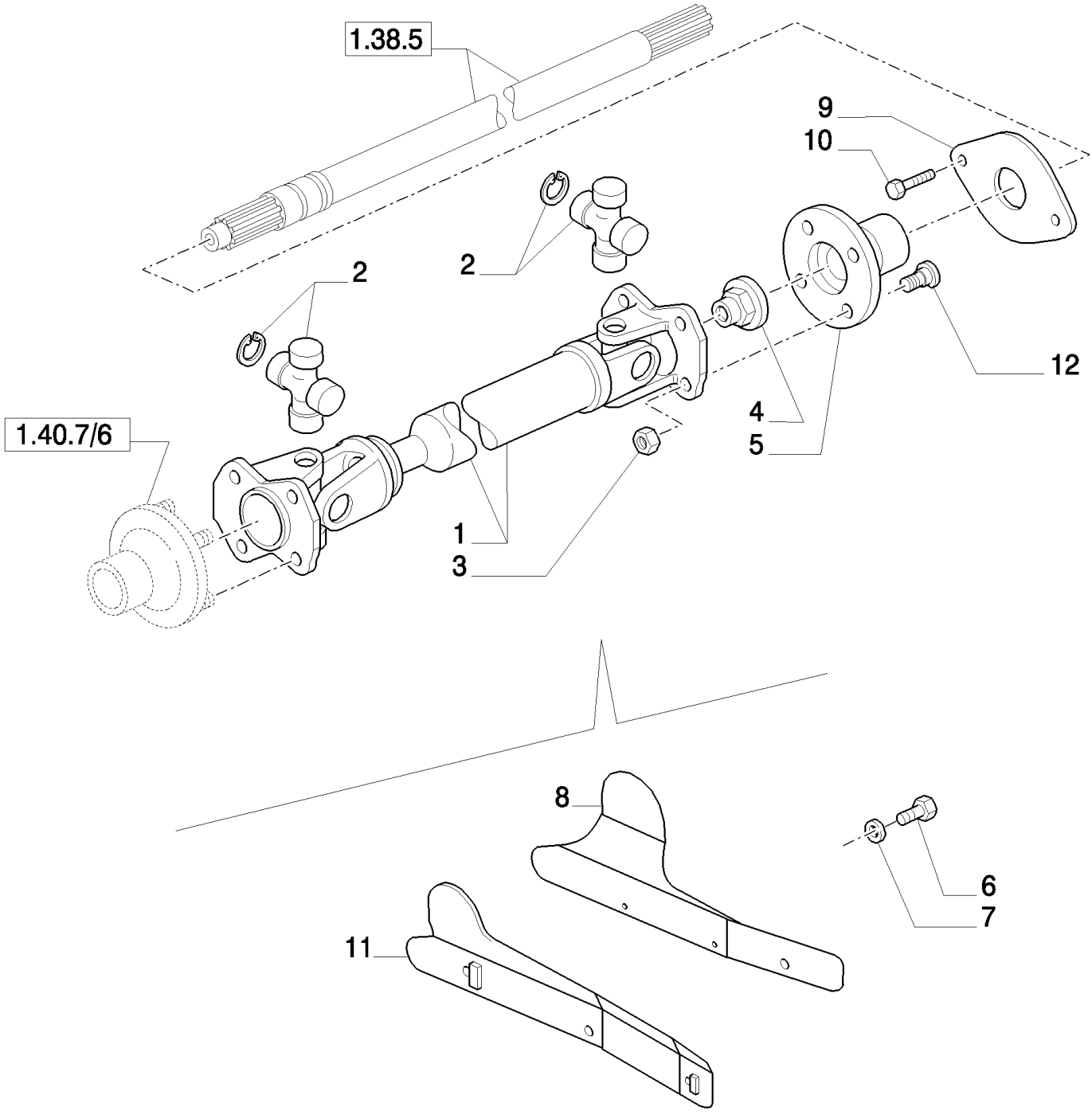


1.38.5/06 (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - DRIVE SHAFT

Ref	Part Number	Qty	Description
1	87541257	1	SHAFT, DRIVE,
2	87530319	2	SPIDER, U-JOINT,
3	82936516	8	NUT, 7/16"-20
4	5111953	1	NUT, M24X2
5	5190331	1	FLANGE, Incl. Ref.12
6	43138	AR	BOLT, Hex, M10 x 20, 8.8, Full Thd,
6	43140	1	BOLT, Hex, M10 x 30, 8.8, Full Thd,
7	12626204	AR	WASHER, M10 x 25 x 3,
8	82022171	1	GUARD, LH
9	5186750	1	FLANGE,
10	15970724	2	BOLT, Hex, M10 x 1.25 x 25, 8.8, Full Thd,
11	82021896	1	GUARD, RH
12	5190329	4	SCREW,

1.38.5/07 (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - DRIVE SHAFT

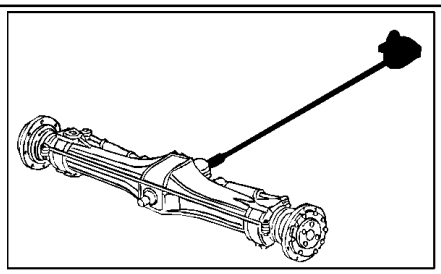


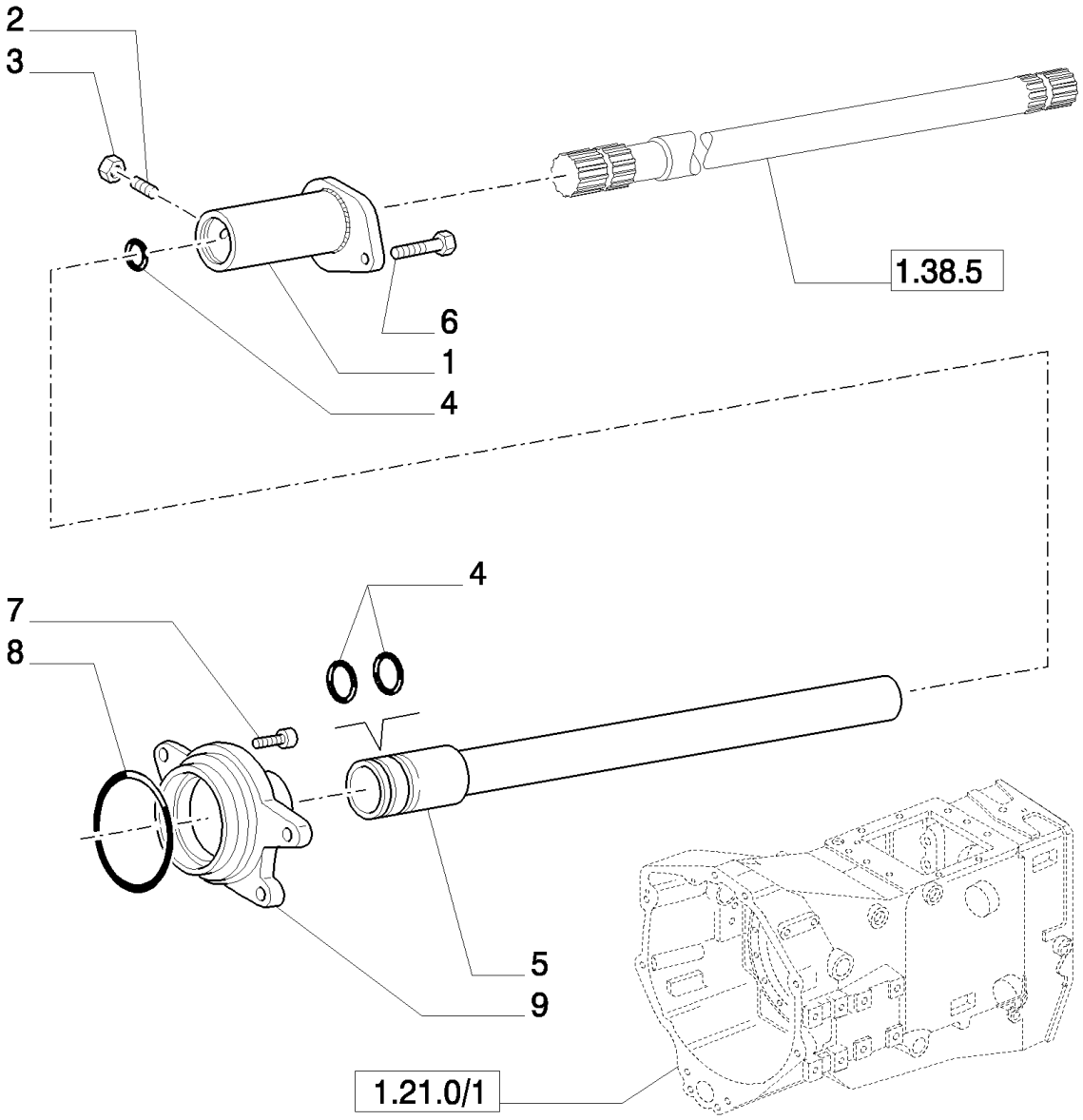


1.38.5/07 (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - DRIVE SHAFT

Ref	Part Number	Qty	Description
1	87541257	1	SHAFT, DRIVE,
2	87530319	2	SPIDER, U-JOINT,
3	82936516	8	NUT, 7/16"-20
4	5111953	1	NUT, M24X2
5	5190331	1	FLANGE, Incl. Ref.12
6	43138	AR	BOLT, Hex, M10 x 20, 8.8, Full Thd,
6	43140	1	BOLT, Hex, M10 x 30, 8.8, Full Thd,
7	12626204	AR	WASHER, M10 x 25 x 3,
8	82022171	1	GUARD, LH
9	5186750	1	FLANGE,
10	15970724	2	BOLT, Hex, M10 x 1.25 x 25, 8.8, Full Thd,
11	82021896	1	GUARD, RH
12	5190329	4	SCREW,

1.38.8/02 (VAR.436/2) RICE VERSION FOR FULL POWER-SHIFT & SEMI POWER-SHIFT TRANSMISSIONS



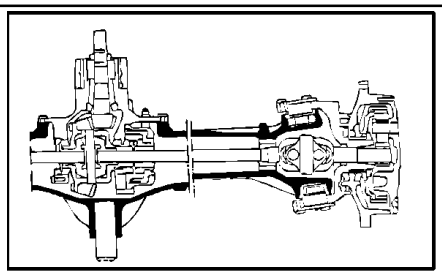


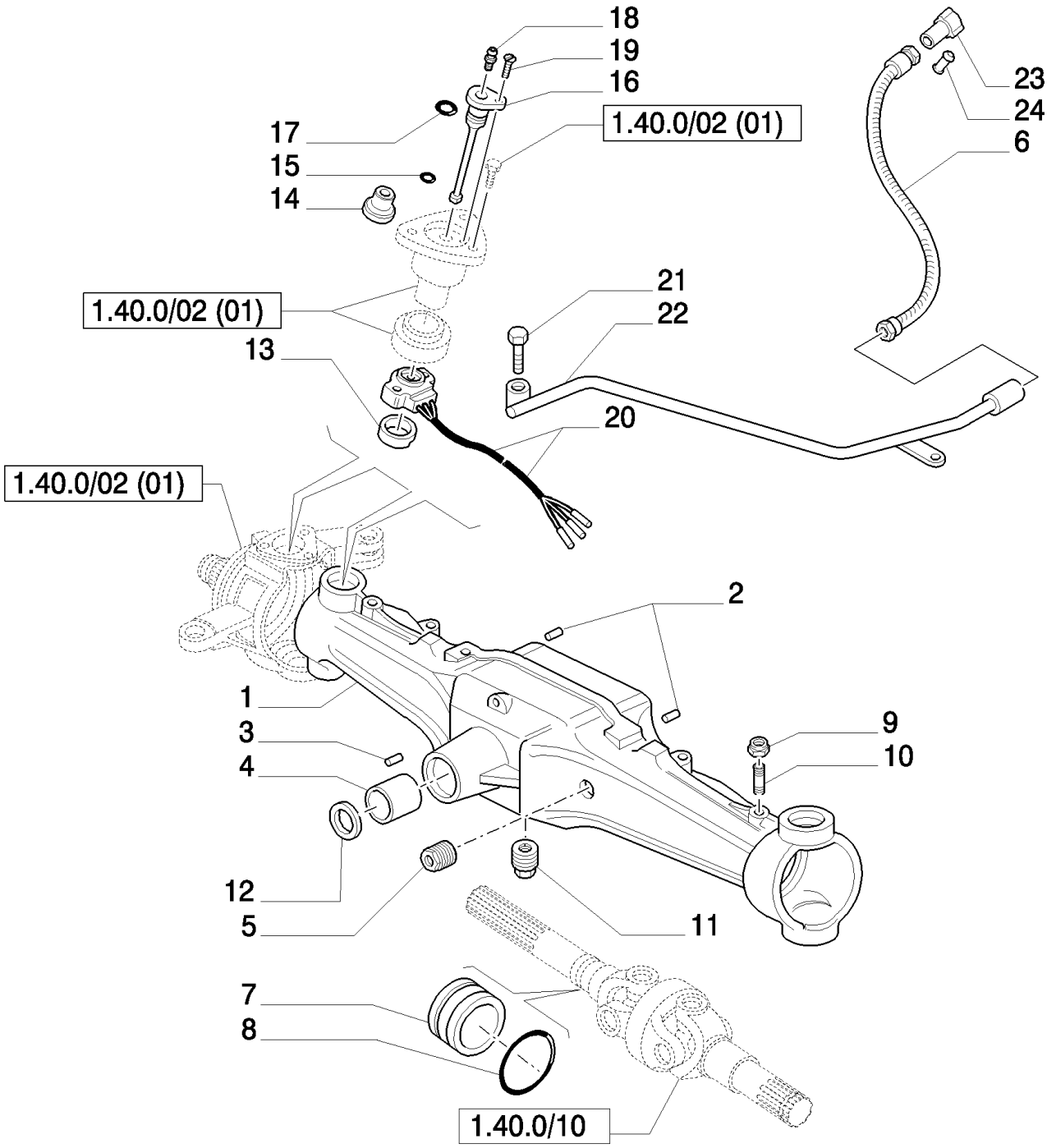
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.38.8/02 (VAR.436/2) RICE VERSION FOR FULL POWER-SHIFT & SEMI POWER-SHIFT TRANSMISSIONS

Ref	Part Number	Qty	Description
1	5183981	1	FLANGE,
2	13809631	1	SET SCREW, Hex Soc, M10 x 20, Flat Pt,
3	10791024	1	NUT, Thin, M10 x 1.25, Cl 05,
4	14459480	1	O-RING, -136, 90 Duro, 1.987" ID x .103" Thk,
4	14459881	2	SEAL, 2,62X56,82
5	5190731	1	SHIELD,
6	11306924	2	BOLT, Hex, M10 x 1.25 x 30, 8.8, Full Thd,
7	16043624	4	BOLT, Hex, M8 x 25, 8.8, Full Thd,
8	14461680	1	O-RING, -158, 70 Duro, 4.737" ID x .103" Thk,
9	5148529	1	SLEEVE,

1.40.0/01(02) 4WD FRONT AXLE - BOX





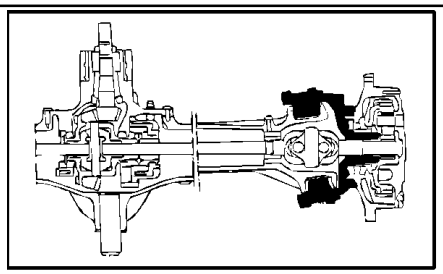
TM190 TRACTOR (6/02-) - Front Axle & Steering

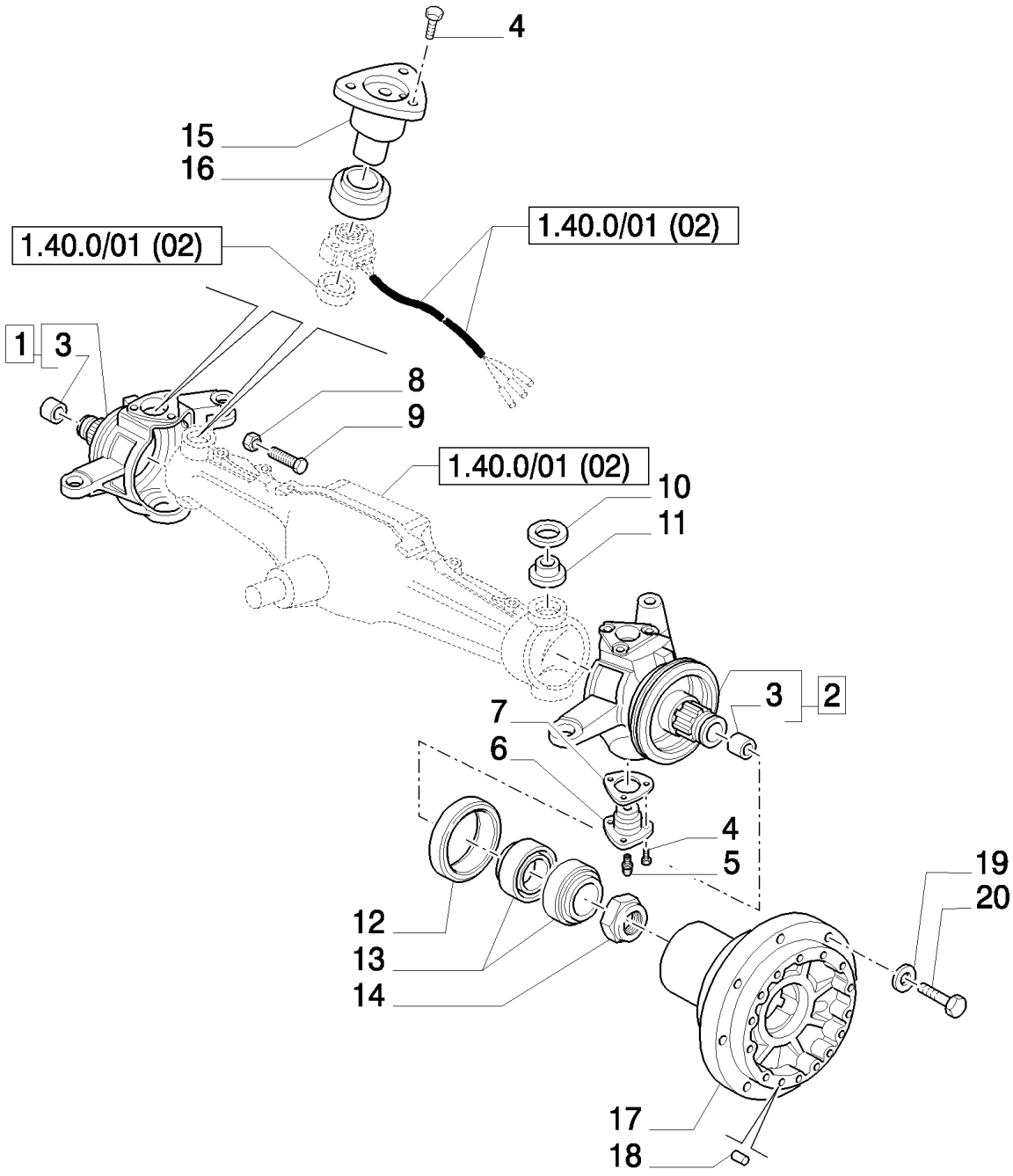
1.40.0/01(02) 4WD FRONT AXLE - BOX

Ref	Part Number	Qty	Description
1	47123961	1	HOUSING, AXLE, Incl.2,3,4, -C5196
1	87309483	1	HOUSING, AXLE, Incl.2,3,4, D5196-
2	4988170	2	DOWEL, M10 x 20
3	4966244	1	DOWEL, 5X15
4	5140170	1	PIN,
5	14324411	1	PLUG,
6	82016109	1	SHEATH, FLEXIBLE,
7	5134277	2	SLEEVE, , -C5243
7	87371236	2	BUSHING, , D5243-
8	14461180	2	O-RING, -153, 70 Duro, 3.487" ID x .103" Thk, , -C5243
8	14465680	2	O-RING, -238, 70 Duro, 3.484" ID x .139" Thk, , D5243-
9	16101524	2	NUT, M12 x 1.25, Cl 10,
10	87316865	2	SCREW,
11	14326211	1	PLUG, Magnetic
12	5140888	1	RING, , -C5196
13	5168958	1	SUPPORT, , -C5196
14	5175211	1	SLEEVE, , -C5196
15	14452780	1	O-RING, -010, 70 Duro, .239" ID x .070" Thk, , -C5196
16	5178653	1	PIN, , -C5196
17	14453081	1	O-RING, -013, Cl 7, .426" ID x .070" Thk, , -C5196
18	13406811	1	NIPPLE, LUBE, 45є, 1/4" NPT x .81" lg, , -C5196
19	10384911	1	SCREW, M5X12, -C5196
20	82019691	1	SENSOR, STEERING ANGLE, -C5196
20	87303761	1	SENSOR, , D5196-
21	15540824	1	BOLT, Hex, M12 x 1.25 x 50, 8.8,
22	5192696	1	TUBE,
23	82918426	1	CONNECTOR, ELEC, Incl. Ref. 24
24	82918419	1	PLUG,

D5195 After Date 18 July 2005 (See also Sgr. 1.40.0/02)□□D5243 After Date 19 September 2006

1.40.0/02(03) 4WD FRONT AXLE - STEERING AXLES - HUBS - C5196



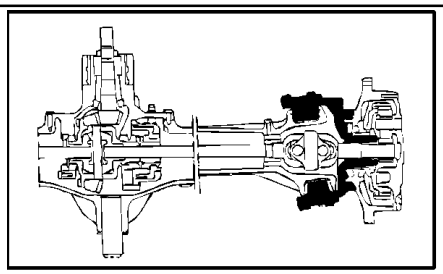


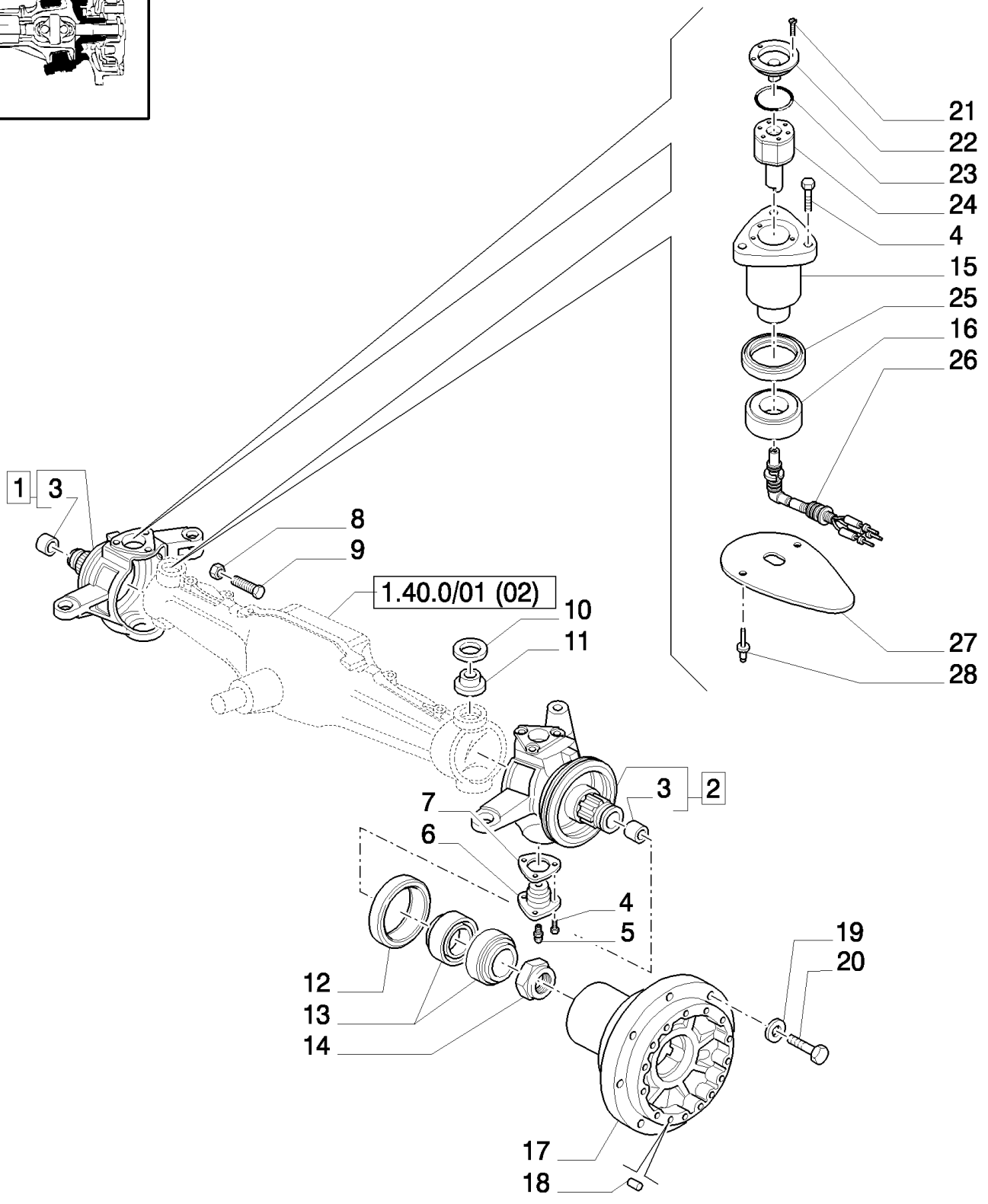
1.40.0/02(03) 4WD FRONT AXLE - STEERING AXLES - HUBS - C5196

Ref	Part Number	Qty	Description
1	5198872	1	KNUCKLE, STEERING, RH
2	5198870	1	STUB AXLE/STRG. SPINDLE, LH
3	5105321	2	BUSHING, 45 x 50 x 30
4	14254431	12	BOLT, Hex, M14 x 1.5 x 30,
5	5120532	2	NIPPLE, LUBE, M14 x 1.5,
5	5191671	1	NIPPLE, LUBE, 45ɛ, M14 x 1.5,
6	5137138	3	PIN, BALL,
7	5137114	AR	SHIM, .10mm Thk,
7	5137115	AR	SHIM, .15mm Thk,
8	10717611	2	NUT, Thin, M18 x 2.5, Cl 04,
9	5179447	2	SCREW,
10	5121907	4	SEAL,
11	5119660	3	BALL JOINT,
12	5178141	2	SEAL, 190 x 20 x 4,5-18
13	5133737	4	BEARING, ROLLER, TAPERED, 109,538 x 58,750 x 3,02
14	5141692	2	NUT, RING, M90 x 2
15	5175208	1	PIN,
16	5169911	1	BALL JOINT, 80mm ID
17	5156065	2	HUB,
18	4985063	4	DOWEL,
19	5100516	16	WASHER, 17 x 2 x 5
20	11390534	16	BOLT, Hex, M16 x 40, 10.9, Full Thd,

C5196 Before Date 18 July 2005

1.40.0/02(03A) 4WD FRONT AXLE - STEERING AXLES - HUBS - D5196





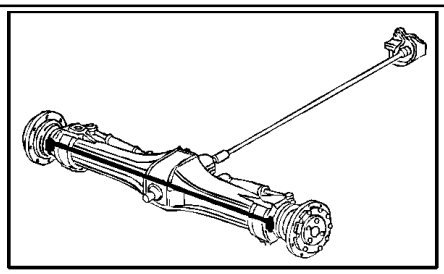
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.0/02(03A) 4WD FRONT AXLE - STEERING AXLES - HUBS - D5196

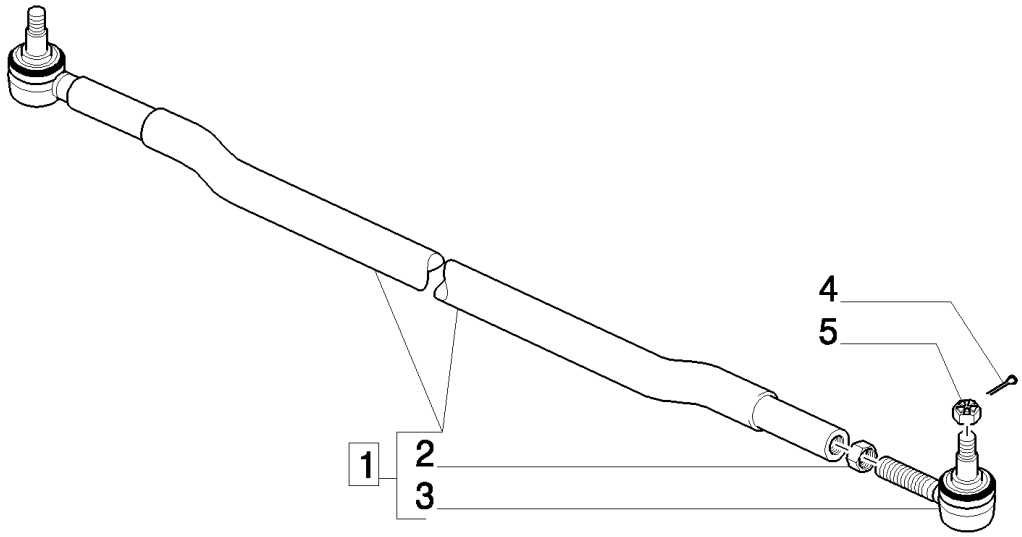
Ref	Part Number	Qty	Description
1	5198872	1	KNUCKLE, STEERING, RH
2	5198870	1	STUB AXLE/STRG. SPINDLE, LH
3	5105321	2	BUSHING, 45 x 50 x 30
4	14254431	12	BOLT, Hex, M14 x 1.5 x 30,
5	5120532	2	NIPPLE, LUBE, M14 x 1.5,
5	5191671	1	NIPPLE, LUBE, 45є, M14 x 1.5,
6	5137138	3	PIN, BALL,
7	5137114	AR	SHIM, .10mm Thk,
7	5137115	AR	SHIM, .15mm Thk,
8	10717611	2	NUT, Thin, M18 x 2.5, Cl 04,
9	5179447	2	SCREW,
10	5121907	4	SEAL,
11	5119660	3	BALL JOINT,
12	5178141	2	SEAL, 190 x 220 x 14,5-18
13	5133737	4	BEARING, ROLLER, TAPERED, 109,538 x 158,750 x 23,02
14	5141692	2	NUT, RING, M90 x 2
15	87309308	1	PIN, BALL,
16	47137676	1	BALL JOINT,
17	5156065	2	HUB, , -C5201
17	87341364	2	HUB, , D5201-
18	4985063	4	DOWEL,
19	5100516	16	WASHER, 17 x 32 x 5
20	11390534	16	BOLT, Hex, M16 x 40, 10.9, Full Thd,
21	10384911	3	SCREW,
22	87309292	1	PIN,
23	14458280	1	O-RING, -124, 70 Duro, 1.237" ID x .103" Thk,
24	87303761	1	SENSOR, STEERING
25	47137701	1	SEAL,
26	87303770	1	CONNECTOR, ELEC,
27	87315098	1	SHIELD,
28	14643091	2	RIVET,

D5196 Before Date 18 July 2005□□D5201 After Date 01 June 2005

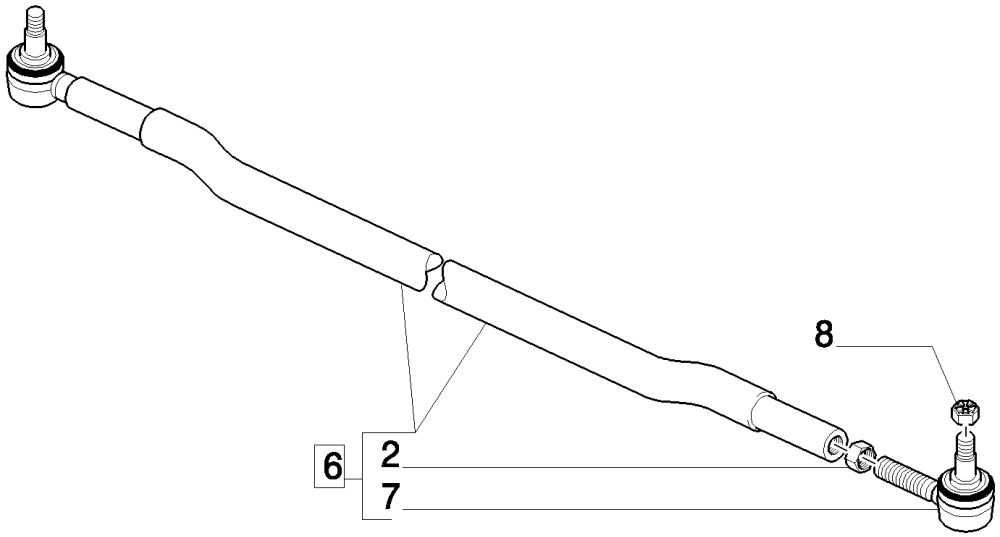
1.40.0/04 4WD FRONT AXLE - LINK



TM120 -TM130 - TM140 - TM155



TM175 -TM190

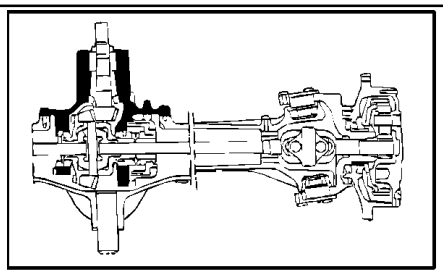


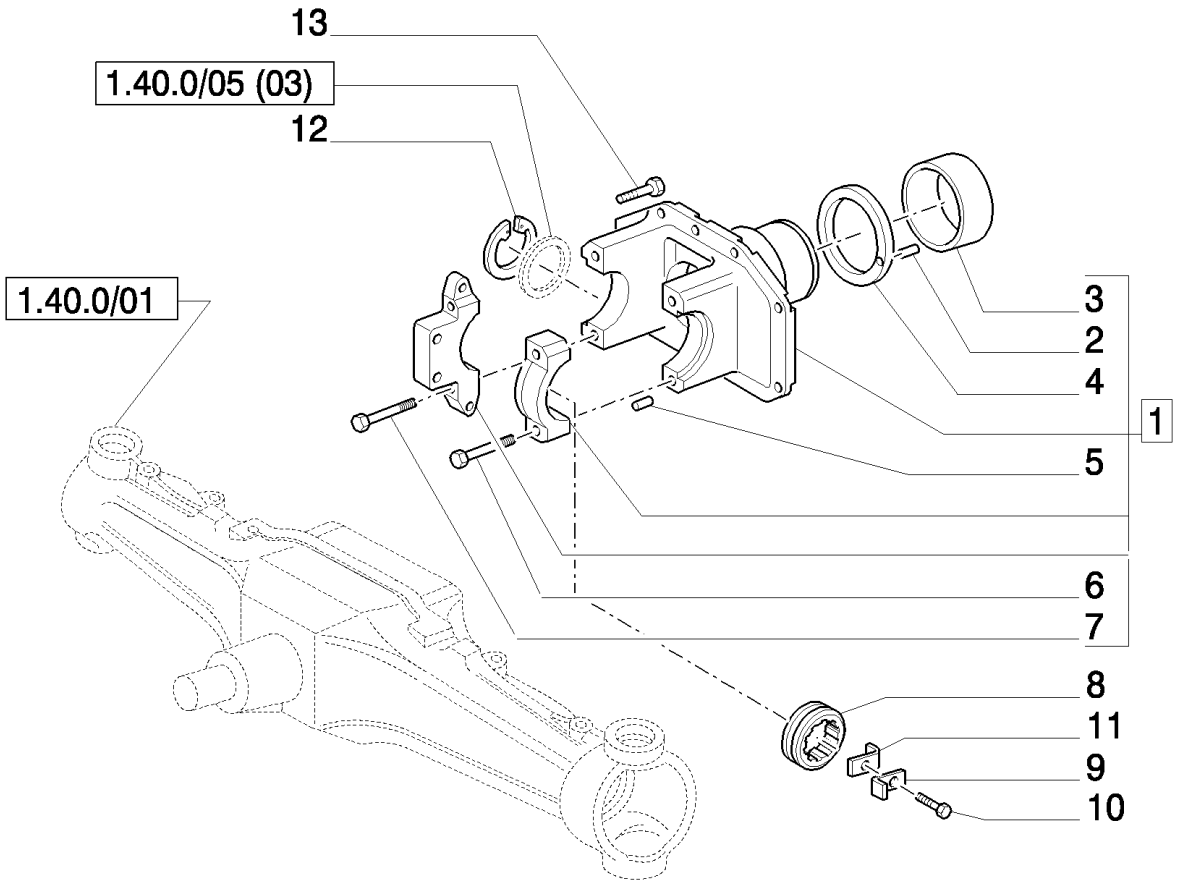
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.0/04 4WD FRONT AXLE - LINK

Ref	Part Number	Qty	Description
1	5168941	1	TRACK ROD ASSY, TM120, TM130, TM140
1	5177449	1	TRACK ROD ASSY, TM155
2	10726911	1	NUT, Thin, M24 x 1.5, Cl 04,
3	5117314	1	TRACK ROD END,
4	10733801	2	PIN, SPLIT (COTTER), M4 x 36,
5	10724611	2	NUT, M18 x 1.5
5	12576014	2	NUT, LOCK, M18 x 1.5,
6	5198879	1	TRACK ROD ASSY, TM175, TM190
7	5198880	1	TRACK ROD END,
8	12577011	2	NUT, LOCK, M20 x 1.5, Cl 8,

1.40.0/05(02) 4WD FRONT AXLE - SUPPORT



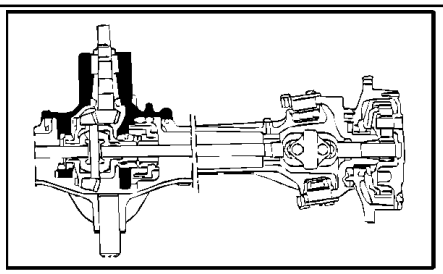


TM190 TRACTOR (6/02-) - Front Axle & Steering

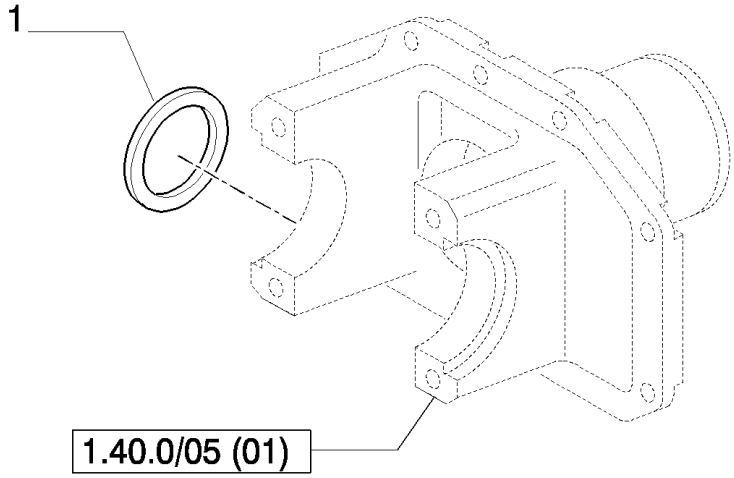
1.40.0/05(02) 4WD FRONT AXLE - SUPPORT

Ref	Part Number	Qty	Description
1	5182885	1	SUPPORT,
2	4966244	1	DOWEL, 5X15
3	5136116	1	BUSHING, 105X115,5X72
4	5136115	1	RING, 105X148X5
5	4966530	4	DOWEL, 6X18
6	14255330	2	SCREW, M14X1,5X75
7	14255731	2	BOLT, Hex, M14 x 1.5 x 90,
8	5110423	1	NUT, RING, M115X15
9	562659	1	PLATE,
10	15970524	1	BOLT, Hex, M10 x 1.25 x 20, 8.8, Full Thd,
11	4966243	1	CLIP,
12	11075476	1	RING, SNAP, M110, Int,
13	14274631	14	BOLT, Hex, M12 x 1.25 x 35,

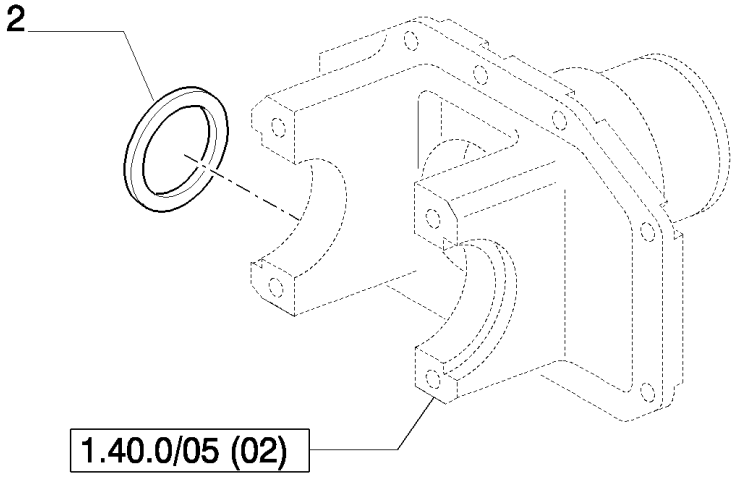
1.40.0/05(03) 4WD FRONT AXLE - SUPPORT



TM120 -TM130 - TM140



TM155 -TM175 -TM190

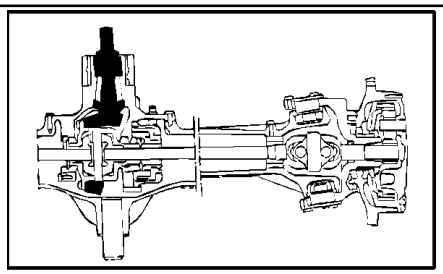


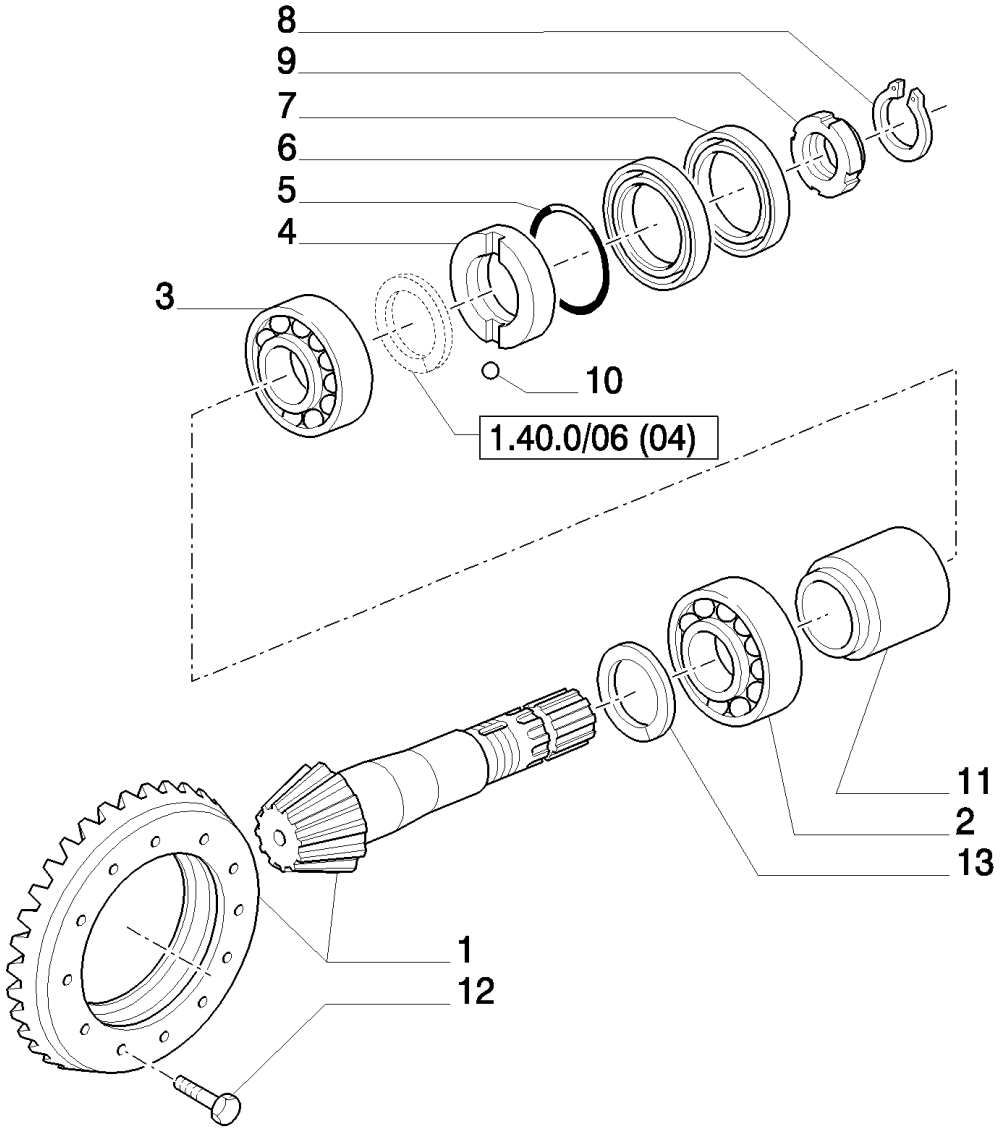
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.0/05(03) 4WD FRONT AXLE - SUPPORT

Ref	Part Number	Qty	Description
1	5141460	AR	SHIM, 0.9mm Thk,
1	5141461	AR	SHIM, 1.0mm Thk,
1	5141462	AR	SHIM, 1.1mm Thk,
1	5141463	AR	SHIM, 1.2mm Thk,
1	5141464	AR	SHIM, 1.3mm Thk,
1	5141465	AR	SHIM, 1.4mm Thk,
1	5141466	AR	SHIM, 1.5mm Thk,
1	5141467	AR	SHIM, 1.6mm Thk,
1	5141468	AR	SHIM, 1.7mm Thk,
1	5141469	AR	SHIM, 1.8mm Thk,
2	5135019	AR	SHIM, 1.0mm Thk ,
2	5135020	AR	SHIM, 1.1mm Thk,
2	5135021	AR	SHIM, 1.2mm Thk,
2	5135022	AR	SHIM, 1.3mm Thk,
2	5135023	AR	SHIM, 1.4mm Thk,
2	5135024	AR	SHIM, 1.5mm Thk,
2	5135025	AR	SHIM, 1.6mm Thk,
2	5135026	AR	SHIM, 1.7mm Thk,
2	5135027	AR	SHIM, 1.8mm Thk,
2	5135028	AR	SHIM, 1.9mm Thk,

1.40.0/06(03) 4WD FRONT AXLE - BEVEL GEAR PAIR



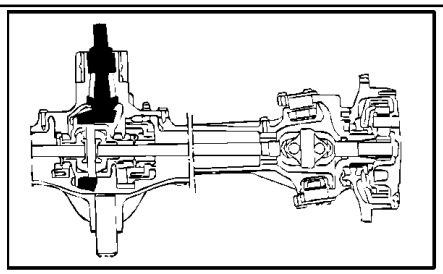


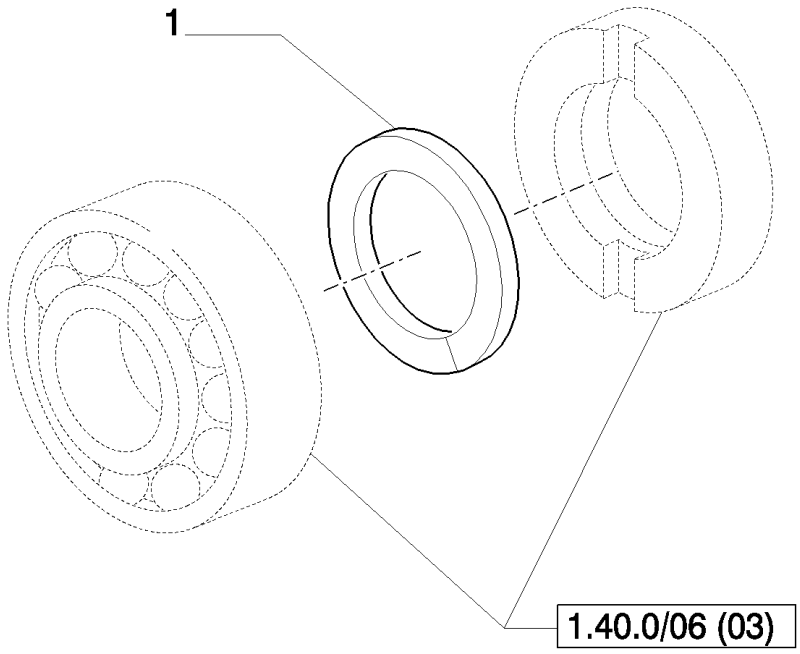
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.0/06(03) 4WD FRONT AXLE - BEVEL GEAR PAIR

Ref	Part Number	Qty	Description
1	5146255	1	GEAR SET, ASSY, RATIO 10/34
2	5143109	1	BEARING, ROLLER, TAPERED, 41,275X82,550X26,543
3	5141714	1	BEARING ASSY, 45X100X38,25
4	5143112	1	RING,
5	14454580	1	O-RING, -028, 70 Duro, 1.364" ID x .070" Thk,
6	5111415	1	SEAL, 57X85X12
7	5109309	1	SEAL PROTECTION,
8	5109282	1	RING, SNAP,
9	5119147	1	NUT, M40X19,5
10	20419320	1	BALL,
11	5169286	AR	SPACER,
12	14274631	12	BOLT, Hex, M12 x 1.25 x 35,
13	7888012	AR	RING, MM.45,1X58X0,5
13	5121690	AR	RING, M45.1 x 58 x 2.3,
13	5121691	AR	RING, M45.1 x 58 x 2.4,
13	4999063	AR	RING, M45.1 x 58 x 2.5,
13	4999064	AR	RING, M45.1 x 58 x 2.6 ,
13	4999065	AR	RING, M45.1 x 58 x 2.7 ,
13	4999066	AR	RING, M45.1 x 58 x 2.8,
13	4999067	AR	RING, M45.1 x 58 x 2.9 ,

1.40.0/06(04) 4WD FRONT AXLE - BEVEL GEAR PAIR

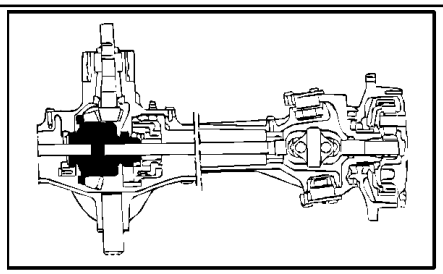


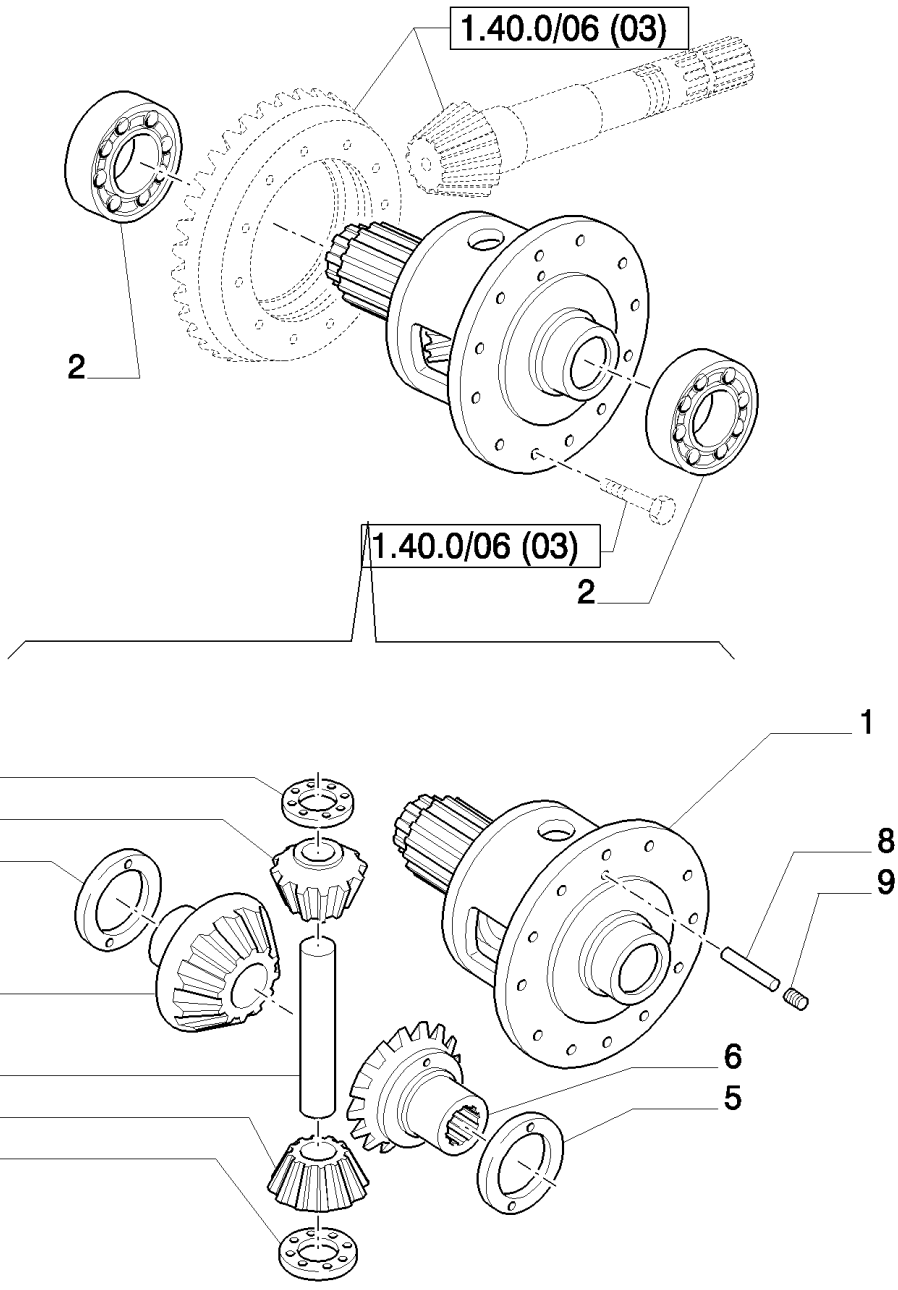


1.40.0/06(04) 4WD FRONT AXLE - BEVEL GEAR PAIR

Ref	Part Number	Qty	Description
1	5169287	AR	SHIM, M41.7 x 48 x 2.20,
1	5169288	AR	SHIM, M41.7 x 48 x 2.25,
1	5169289	AR	SHIM, M41.7 x 48 x 2.30,
1	5169290	AR	SHIM, M41.7 x 48 x 2.35,
1	5169291	AR	SHIM, M41.7 x 48 x 2.40,
1	5169292	AR	SHIM, M41.7 x 48 x 2.45,
1	5169293	AR	SHIM, M41.7 x 48 x 2.50,
1	5169294	AR	SHIM, M41.7 x 48 x 2.55,
1	5169295	AR	SHIM, M41.7 x 48 x 2.60,
1	5169296	AR	RING, M41.7 x 48 x 2.65,
1	5169297	AR	SHIM, M41.7 x 48 x 2.70,
1	5169298	AR	RING, M41.7 x 48 x 2.75,
1	5169299	AR	SHIM, M41.7 x 48 x 2.80,
1	5169300	AR	SHIM, M41.7 x 48 x 2.85,
1	5169301	AR	SHIM, M41.7 x 48 x 2.90,
1	5169302	AR	SHIM, M41.7 x 48 x 2.95,
1	5169303	AR	SHIM, M41.7 x 48 x 3.00 ,
1	5169304	AR	SHIM, M41.7 x 48 x 3.05 ,
1	5169305	AR	SHIM, M41.7 x 48 x 3.10,
1	5169306	AR	SHIM, M41.7 x 48 x 3.15,
1	5169307	AR	SHIM, M41.7 x 48 x 3.20,
1	5169308	AR	SHIM, M41.7 x 48 x 3.25,
1	5169309	AR	SHIM, M41.7 x 48 x 3.30 ,
1	5169310	AR	SHIM, M41.7 x 48 x 3.35,
1	5169311	AR	SHIM, M41.7 x 48 x 3.40,
1	5169312	AR	SHIM, M41.7 x 48 x 3.45 ,

1.40.0/07(02) 4WD FRONT AXLE - DIFFERENTIAL LOCKING

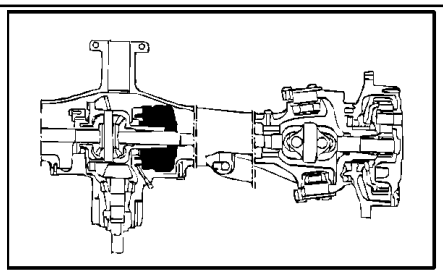


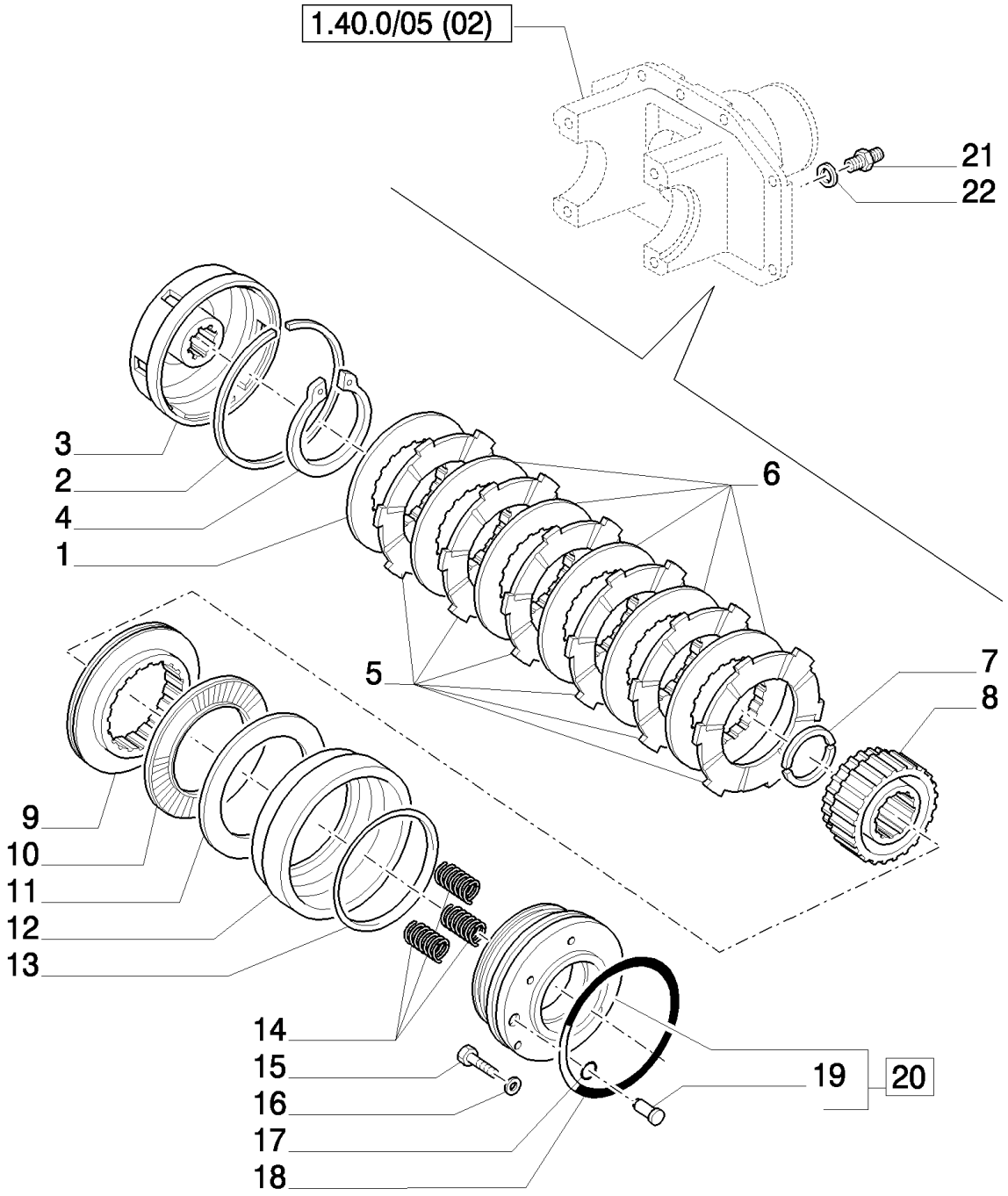


1.40.0/07(02) 4WD FRONT AXLE - DIFFERENTIAL LOCKING

Ref	Part Number	Qty	Description
1	5174845	1	BOX, DIFFERENTIAL GEAR
2	24903470	2	BEARING,
3	4991658	2	WASHER, THRUST,
4	4991695	2	PINION, IDLER,
5	4997235	AR	WASHER, THRUST, 1.5mm Thk,
5	4997236	AR	WASHER, THRUST, 1.6mm Thk,
5	5138267	AR	WASHER, THRUST, 1.7mm Thk,
5	5144801	AR	WASHER, THRUST, 1.4mm Thk,
5	5144802	AR	WASHER, THRUST, 1.8mm Thk,
5	5170588	AR	WASHER, THRUST, 1.9mm Thk,
5	5170589	AR	WASHER, THRUST, 2.0mm Thk,
5	5182769	AR	WASHER, THRUST, 2.1mm Thk,
5	5182770	AR	WASHER, THRUST, 2.2mm Thk,
6	5149551	2	GEAR, PLANETARY,
7	5168624	1	PIN,
8	5173242	1	PIN, ROLL,
9	13807870	1	SET SCREW, Hex Soc, M8 x 14, Flat Pt,

1.40.0/09 4WD FRONT AXLE - HYDRAULIC DIFFERENTIAL LOCK



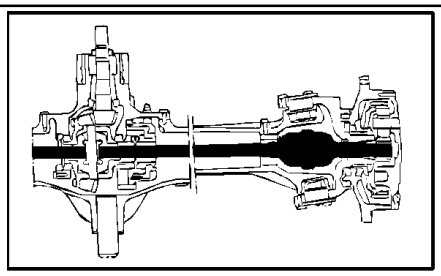


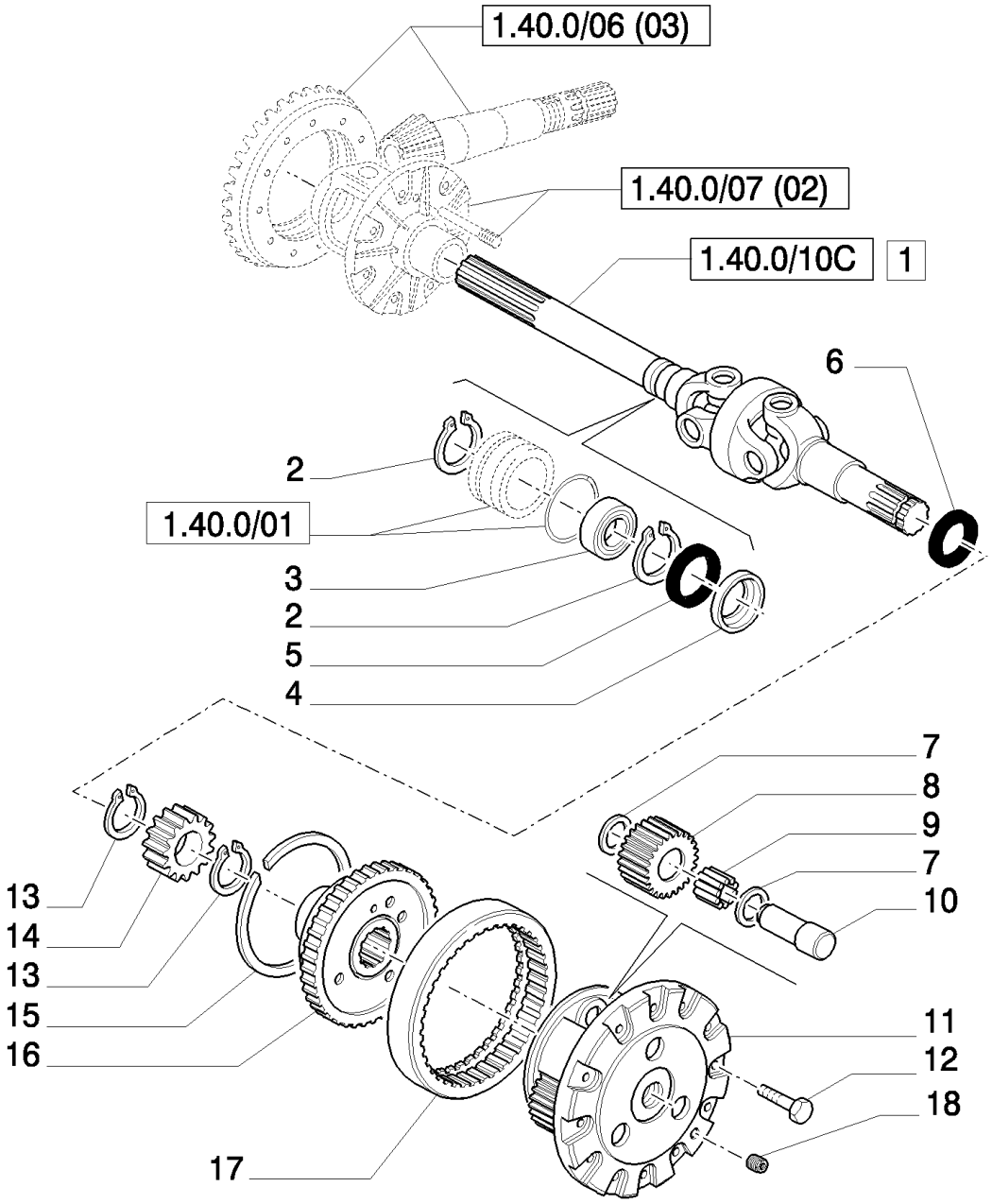
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.0/09 4WD FRONT AXLE - HYDRAULIC DIFFERENTIAL LOCK

Ref	Part Number	Qty	Description
1	5141750	1	CLUTCH, PLATE,
2	5134095	1	RING, LOCKING,
3	5134083	1	HOUSING,
4	11083176	1	RING, SNAP, M125, Ext,
5	5134101	6	PLATE, DRIVEN,
6	5134100	5	PLATE, DRIVE,
7	5135032	1	HALF-RING,
8	5134099	1	HUB,
9	5144582	1	DISC,
10	5134174	1	BEARING, ROLLER,
11	5134175	1	WASHER, THRUST, 140X180X1
12	5134093	1	PLUNGER,
13	5140120	1	O-RING, 2,62X145,72
14	5120761	3	SPRING,
15	14306524	5	SCREW, Hex Soc Hd, M8 x 30, 8.8,
16	10569374	5	WASHER, LOCK, M8
17	14452881	1	O-RING, -011, Cl 7, .301" ID x .070" Thk,
18	5140121	1	O-RING, 2,62X171,12
19	5148467	1	PIN,
20	5148468	1	FLANGE,
21	5154713	1	CONNECTOR, HYD.,
22	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,

1.40.0/10(03) 4WD FRONT AXLE - DIFFERENTIAL GEARS AND DIFFERENTIAL SHAFT



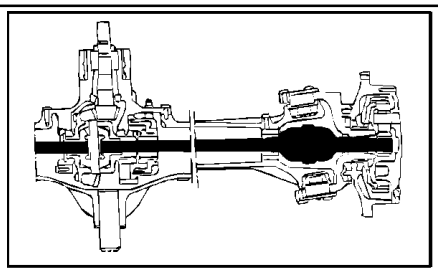


TM190 TRACTOR (6/02-) - Front Axle & Steering

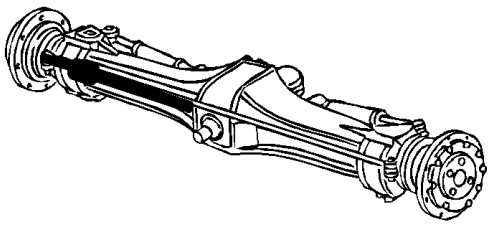
1.40.0/10(03) 4WD FRONT AXLE - DIFFERENTIAL GEARS AND DIFFERENTIAL SHAFT

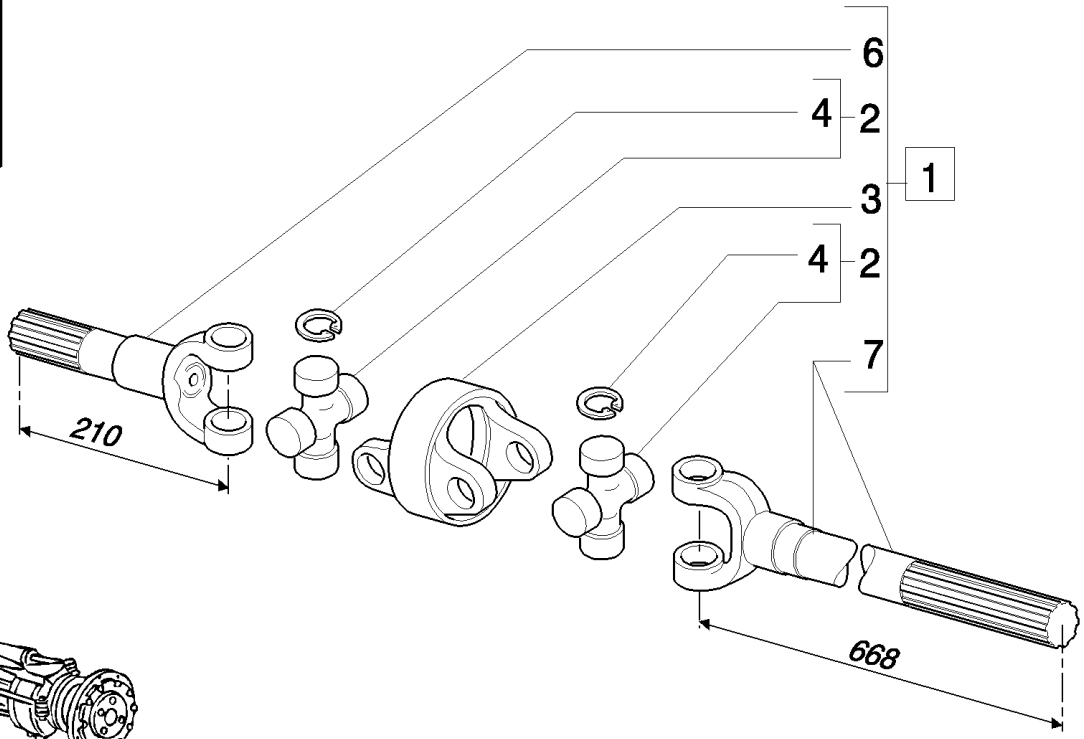
Ref	Part Number	Qty	Description
1	5191696	1	AXLE-SHAFT, ARTICULATED, LH
1	5191697	1	AXLE-SHAFT, ARTICULATED, RH
2	11061376	4	RING, SNAP, M68, Int,
3	28042480	2	BEARING, BALL, 40 x 68 x 15
4	5109311	2	SEAL PROTECTION,
5	5105948	2	SEAL, 45X68X12
6	5183845	2	SEAL,
7	4998022	12	WASHER, THRUST,
8	5102132	6	PINION, IDLER,
9	5101692	6	BEARING, ROLLER, 31,8X41,9X35,5
10	5181056	6	PIN,
11	5181054	2	CARRIER, Incl. Ref. 7,8,9,10
12	14274631	24	BOLT, Hex, M12 x 1.25 x 35,
13	5123651	6	RING,
14	5136819	2	GEAR, PLANETARY,
15	4986355	2	RING,
16	5141691	2	DISC,
17	5102130	2	GEAR, RING,
18	14326211	2	PLUG, Magnetic

1.40.0/10C 4WD FRONT AXLE - AXLE-SHAFT ARTICULATED - BREAKDOWN

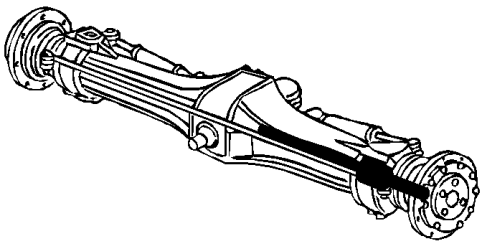


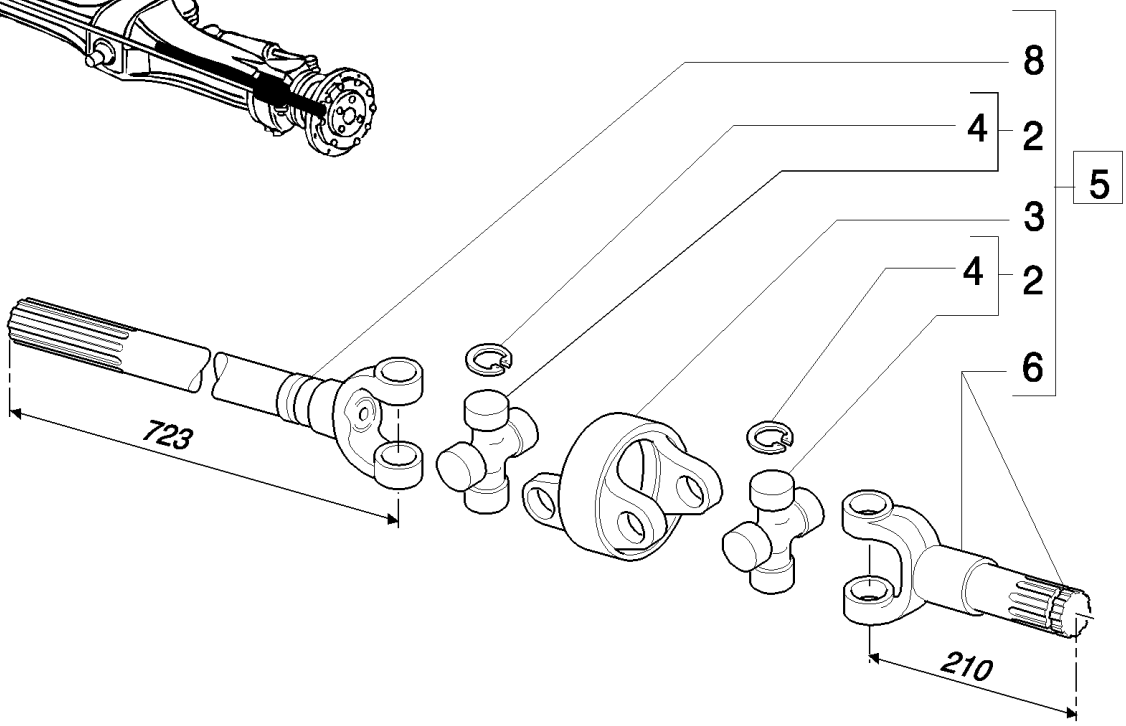
FOR RIGHT WHEEL





FOR LEFT WHEEL

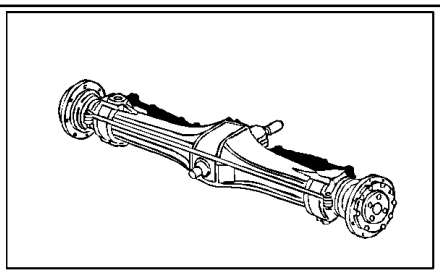


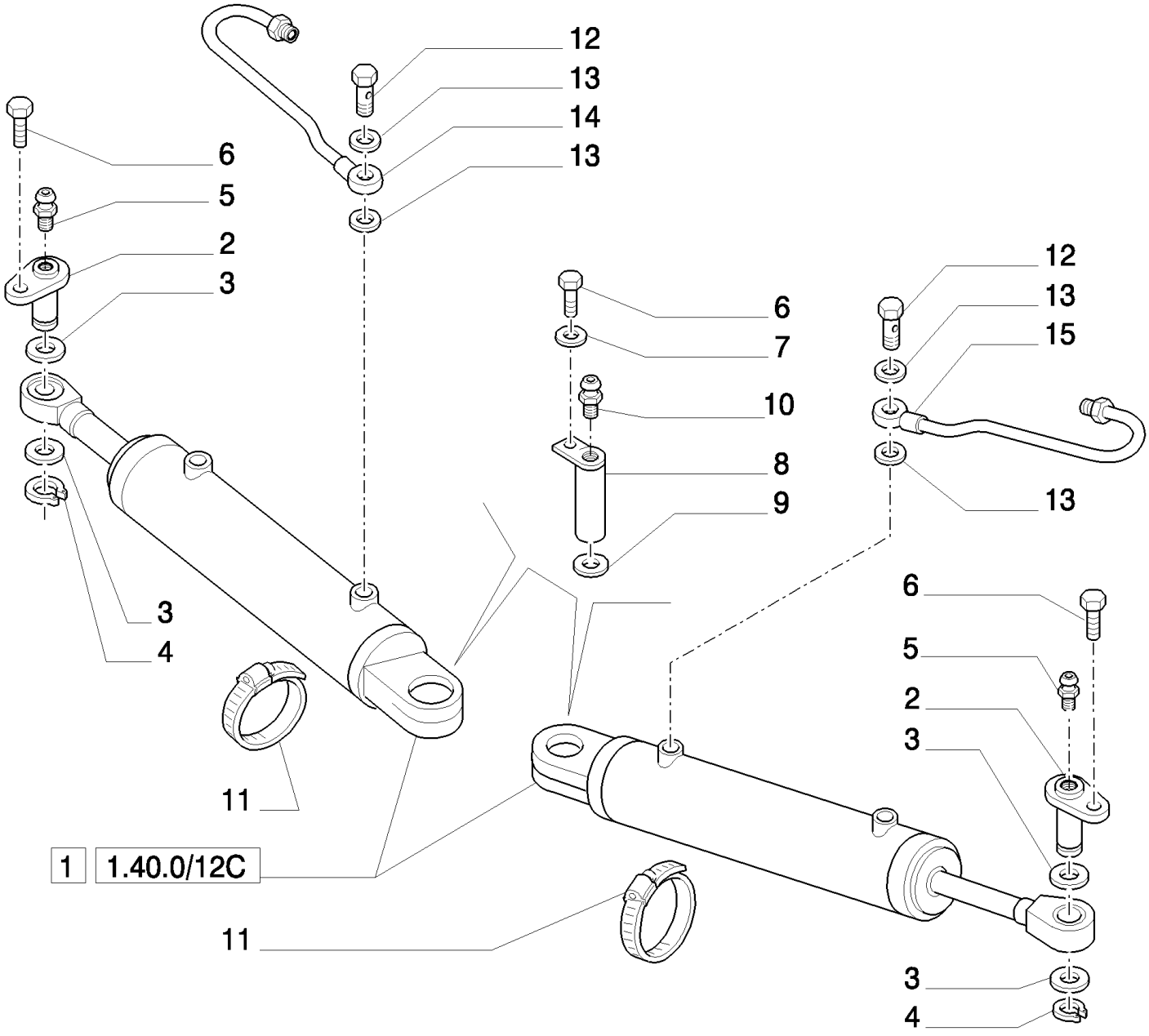


1.40.0/10C 4WD FRONT AXLE - AXLE-SHAFT ARTICULATED - BREAKDOWN

Ref	Part Number	Qty	Description
1	5191697	1	AXLE-SHAFT, ARTICULATED, ASSY, RH
2	5191451	2	SPIDER,
3	87568624	1	SPIDER, U-JOINT,
4	5191452	8	RING, LOCKING,
5	5191696	1	AXLE-SHAFT, ARTICULATED, ASSY, LH
6	5194144	1	SHAFT,
7	5192663	1	SHAFT,
8	5192662	1	SHAFT,

1.40.0/12(03) 4WD FRONT AXLE - HYDRAULIC STEERING CYLINDER

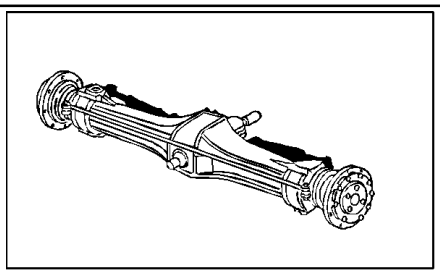


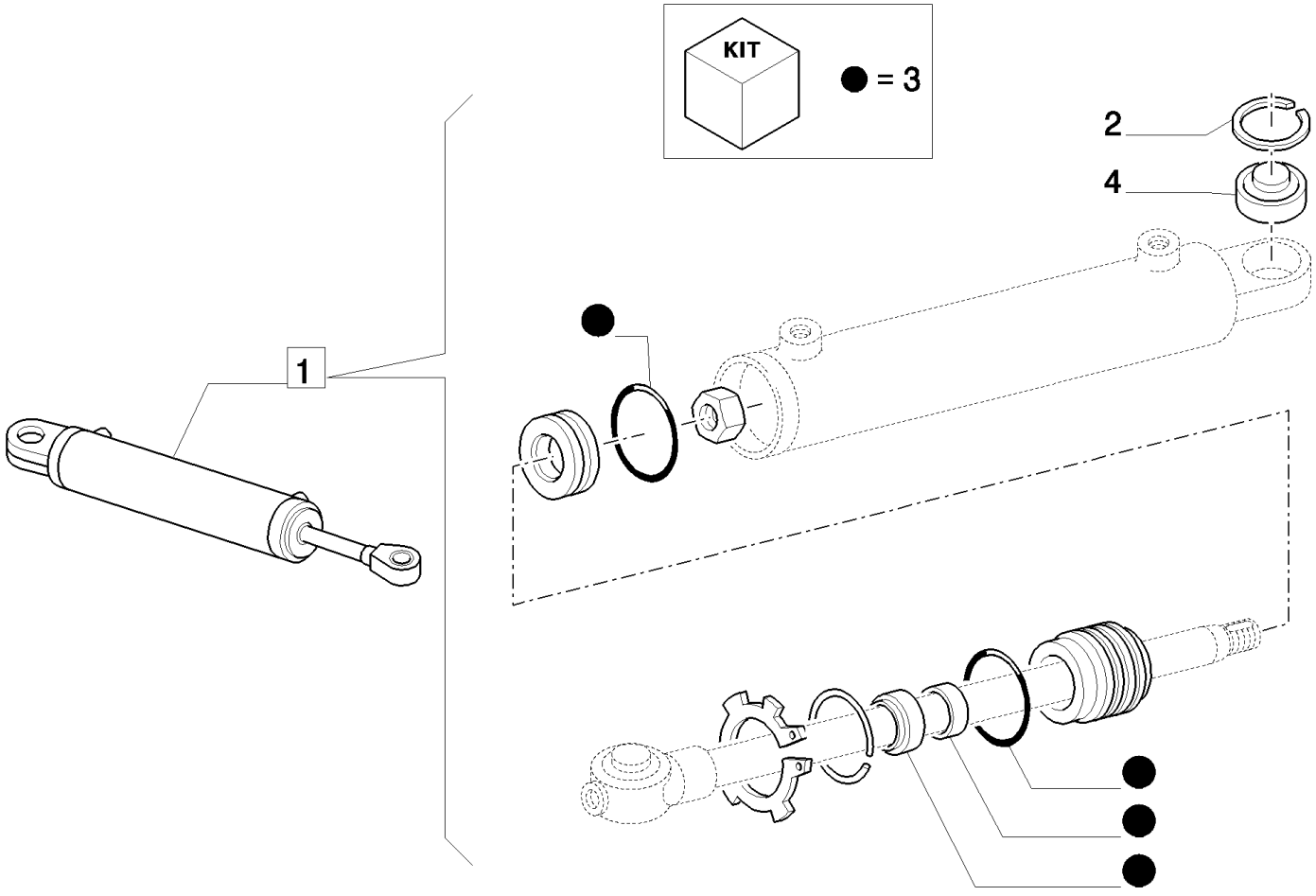


1.40.0/12(03) 4WD FRONT AXLE - HYDRAULIC STEERING CYLINDER

Ref	Part Number	Qty	Description
1	5198883	2	CYLINDER STEERING,
2	5171707	2	PIN,
3	5111573	4	WASHER, LOCK,
4	11067376	2	RING, SNAP, M25, Ext,
5	87414	2	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
6	16043424	4	SCREW, Hex, M8 x 20, 8.8, Full Thd,
6	16043824	1	BOLT, Hex, M8 x 30, 8.8, Full Thd,
7	11193874	2	WASHER, SPRING, Belleville, M8.4,
8	5198013	2	PIN,
9	5111576	2	SPACER, M25.5 x 34 x 11,
10	5120532	2	NIPPLE, LUBE, M14 x 1.5,
11	13000990	2	CLAMP, HOSE,
12	4864083	2	BOLT, BANJO,
13	44906168	4	SEAL,
14	5189866	1	TUBE, HYD, RH
15	5189867	1	TUBE, RIGID, LH

1.40.0/12C 4WD FRONT AXLE - HYDRAULIC STEERING CYLINDER - BREAKDOWN

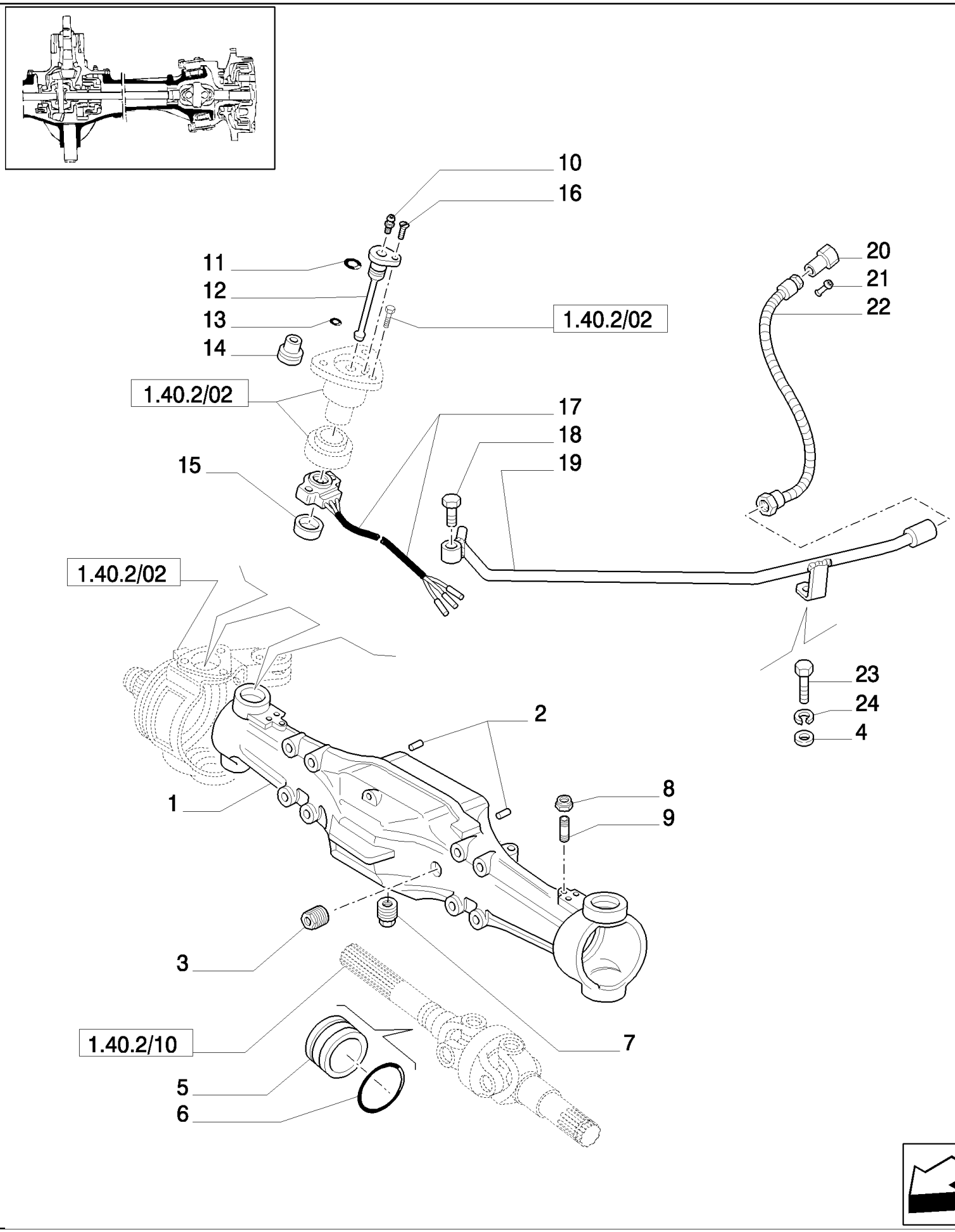




1.40.0/12C 4WD FRONT AXLE - HYDRAULIC STEERING CYLINDER - BREAKDOWN

Ref	Part Number	Qty	Description
1	5198883	1	CYLINDER STEERING,
2	5124473	1	RING, LOCKING, D=42
3	5192826	1	KIT, SEALS,
4	5192823	1	BALL JOINT,

1.40.2/01(01) (VAR.416) SUPERSTEER FRONT AXLE 4WD - BOX - C5417



D5196 After Date 18 July 2005. (See also Fig. 1.40.2/02). ▯D5243 After Date 19 September 2006▯D5338 After Date 02 February 2006▯C5417 Before Date 01 March 2007

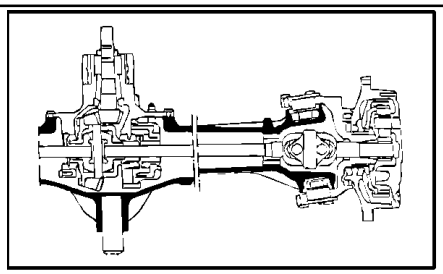
TM190 TRACTOR (6/02-) - Front Axle & Steering

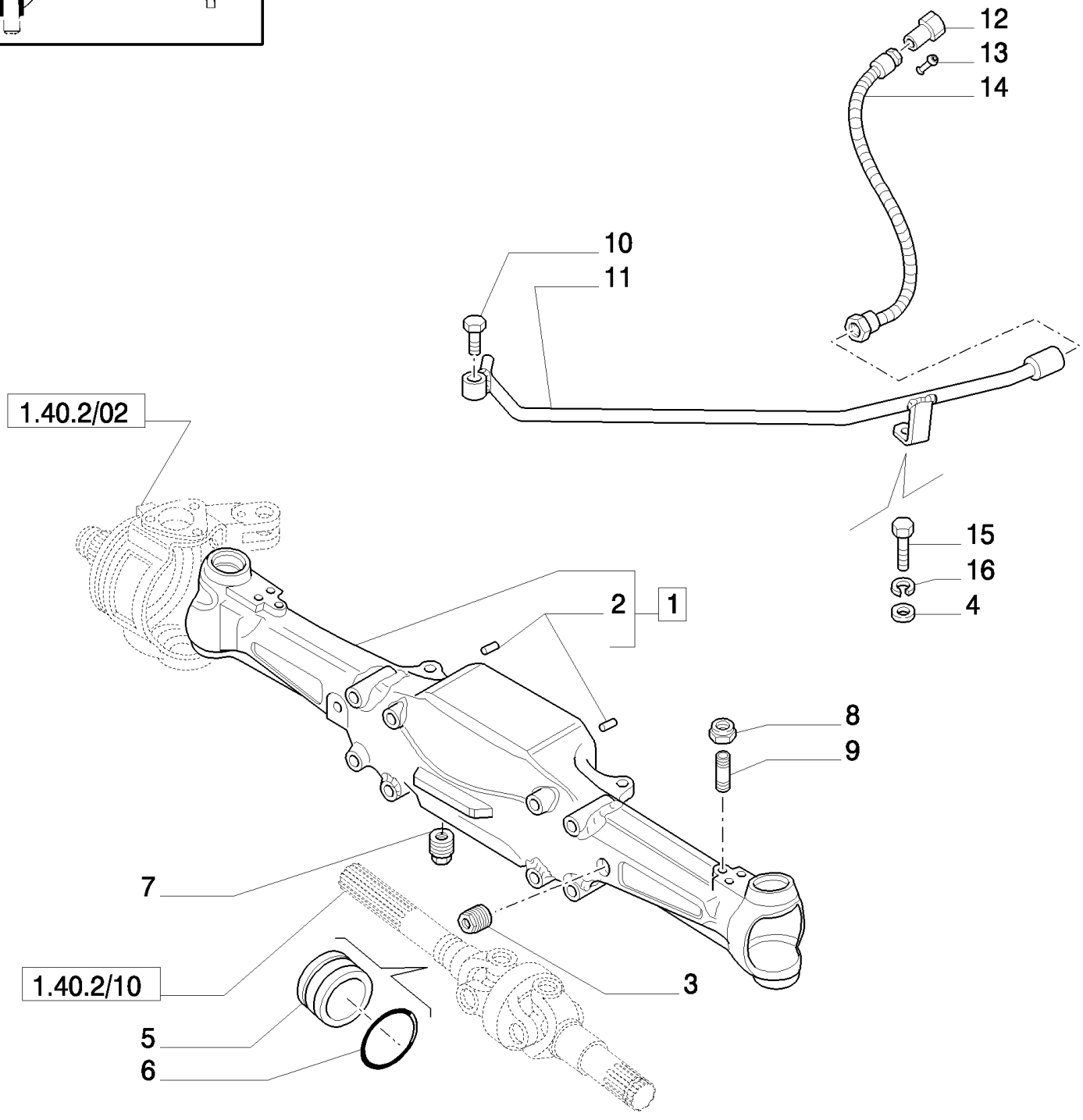
1.40.2/01(01) (VAR.416) SUPERSTEER FRONT AXLE 4WD - BOX - C5417

Ref	Part Number	Qty	Description
1	5179410	1	BOX, , -C5196
1	87307357	1	HOUSING, AXLE, , D5196-
2	5174376	2	DOWEL, 16 x 30
3	14324411	1	PLUG,
5	5134277	2	SLEEVE, TM155, TM175, TM190, -C5243
4	10519604	1	WASHER, M8 x 17 x 2,
5	87371236	2	BUSHING, TM155, TM175, TM190, D5243-
5	5184555	2	SLEEVE, TM120, TM130, TM140, -C5338
5	87518052	2	SLEEVE, TM120, TM130, TM140, D5338-
6	14461180	4	O-RING, -153, 70 Duro, 3.487" ID x .103" Thk, , -C5243
6	14465680	2	O-RING, -238, 70 Duro, 3.484" ID x .139" Thk, , D5243-
7	14326211	1	PLUG, Magnetic
8	16101524	2	NUT, M12 x 1.25, Cl 10,
9	87316865	2	SCREW,
10	13406811	1	NIPPLE, LUBE, 45є, 1/4" NPT x .81" lg, , -C5196
11	14453081	1	O-RING, -013, Cl 7, .426" ID x .070" Thk, , -C5196
12	5178653	1	PIN, , -C5196
13	14452780	1	O-RING, -010, 70 Duro, .239" ID x .070" Thk, , -C5196
14	5175211	1	SLEEVE, , -C5196
15	5168958	1	SUPPORT, , -C5196
16	10384911	1	SCREW, M5X12, -C5196
17	82019691	1	SENSOR, STEERING ANGLE, -C5196
18	15540824	1	BOLT, Hex, M12 x 1.25 x 50, 8.8,
19	5191096	1	TUBE, RIGID,
20	82918426	1	CONNECTOR, ELEC, Incl. Ref. 21
21	82918419	1	PLUG,
22	82016109	1	SHEATH, FLEXIBLE,
23	16043424	1	SCREW, Hex, M8 x 20, 8.8, Full Thd,
24	11193874	1	WASHER, SPRING, Belleville, M8.4,

D5196 After Date 18 July 2005. (See also Fig. 1.40.2/02). □□D5243 After Date 19 September 2006□□D5338 After Date 02 February 2006□□C5417 Before Date 01 March 2007

1.40.2/01(01A) (VAR.416) SUPERSTEER FRONT AXLE 4WD - BOX - D5417





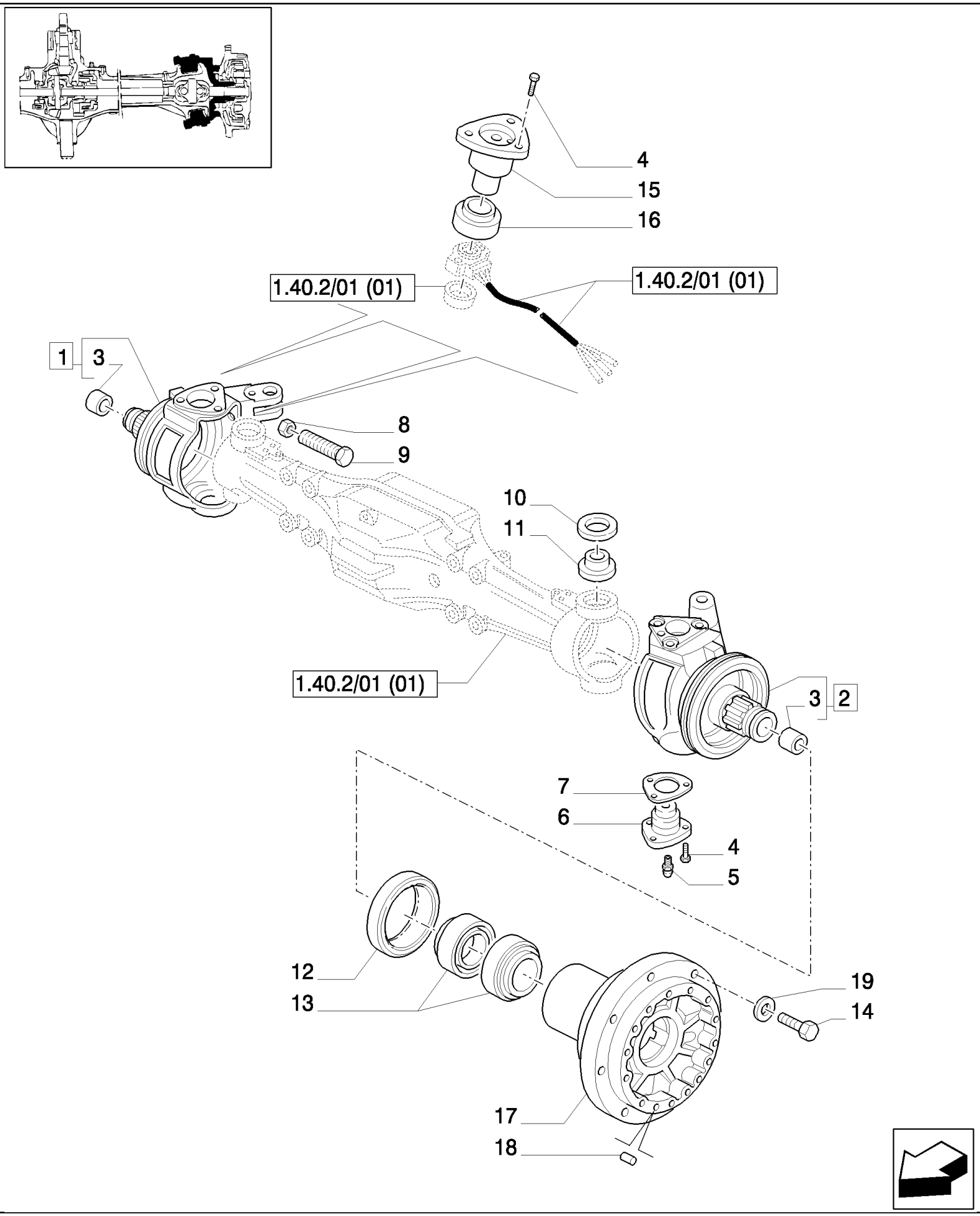
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.2/01(01A) (VAR.416) SUPERSTEER FRONT AXLE 4WD - BOX - D5417

Ref	Part Number	Qty	Description
1	87530764	1	HOUSING, AXLE,
2	5174376	2	DOWEL, 16 x 30
3	14324411	1	PLUG,
4	10519604	1	WASHER, M8 x 17 x 2,
5	87371236	2	BUSHING, TM155, TM175, TM190
5	87518052	2	SLEEVE, TM120, TM130, TM140
6	14465680	2	O-RING, -238, 70 Duro, 3.484" ID x .139" Thk,
7	14326211	1	PLUG, Magnetic
8	16101524	2	NUT, M12 x 1.25, Cl 10,
9	87316865	2	SCREW,
10	15540824	1	BOLT, Hex, M12 x 1.25 x 50, 8.8,
11	5191096	1	TUBE, RIGID,
12	82918426	1	CONNECTOR, ELEC, Incl. Ref. 21
13	82918419	1	PLUG,
14	82016109	1	SHEATH, FLEXIBLE,
15	16043424	1	SCREW, Hex, M8 x 20, 8.8, Full Thd,
16	11193874	1	WASHER, SPRING, Belleville, M8.4,

D5417 After Date 01 March 2007

1.40.2/02(02) (VAR.416) SUPERSTEER FRONT AXLE - STEERING AXLES - HUBS - 4WD - C5196

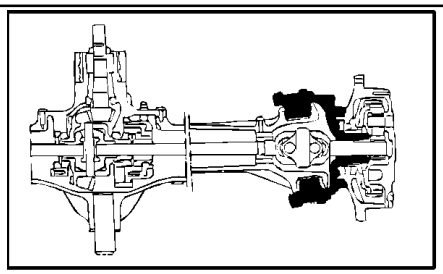


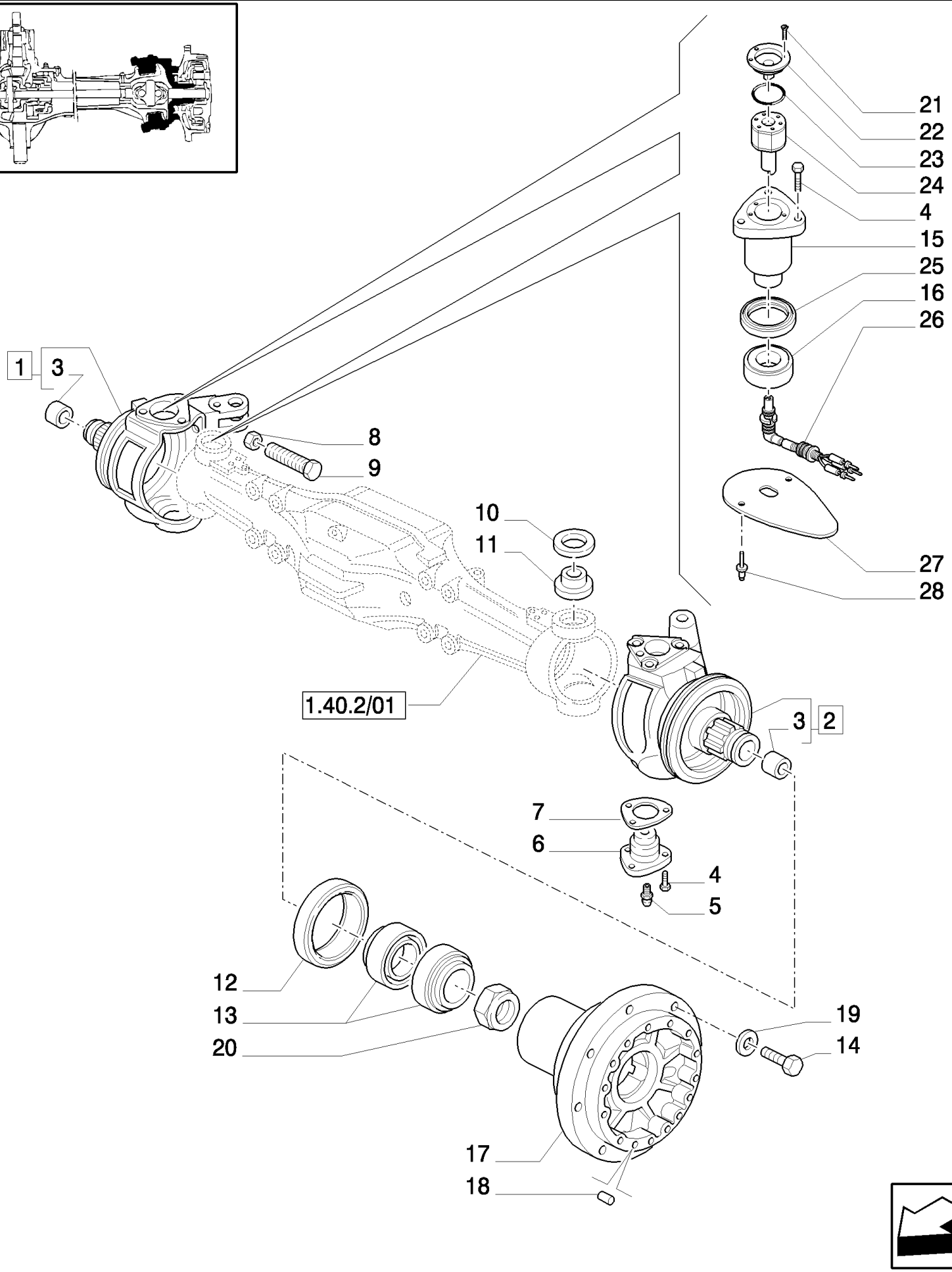
1.40.2/02(02) (VAR.416) SUPERSTEER FRONT AXLE - STEERING AXLES - HUBS - 4WD - C5196

Ref	Part Number	Qty	Description
1	5179271	1	STUB AXLE/STRG. SPINDLE, RH, TM155
1	5191744	1	STUB AXLE/STRG. SPINDLE, RH, TM175, TM190
2	5179270	1	STUB AXLE/STRG. SPINDLE, LH, TM155
2	5191742	1	STUB AXLE/STRG. SPINDLE, LH, TM175, TM190
3	5105321	2	BUSHING, 42X46X28
4	14254431	12	BOLT, Hex, M14 x 1.5 x 30,
5	5191671	1	NIPPLE, LUBE, 45ε, M14 x 1.5,
5	5120532	2	NIPPLE, LUBE, M14 x 1.5,
6	5137138	3	PIN, BALL,
7	5137114	AR	SHIM, .10mm Thk,
7	5137115	AR	SHIM, .15mm Thk,
8	10717611	2	NUT, Thin, M18 x 2.5, Cl 04,
9	5179447	2	SCREW,
10	5121907	4	SEAL,
11	5119660	3	BALL JOINT,
12	5178141	4	SEAL, 190X165X15,5
13	5133737	4	BEARING, ROLLER, TAPERED, 95X135X20
14	11390534	16	BOLT, Hex, M16 x 40, 10.9, Full Thd,
15	5175208	1	PIN,
16	5169911	1	BALL JOINT, 80mm ID
17	5156065	2	HUB,
18	4985063	4	DOWEL,
19	5100516	16	WASHER, 17X32X5
20	5141692	2	NUT, RING, M75X20

C5196 Before Date 18 July 2005

1.40.2/02(02A) (VAR.416) SUPERSTEER FRONT AXLE - STEERING AXLES - HUBS - 4WD - D5196





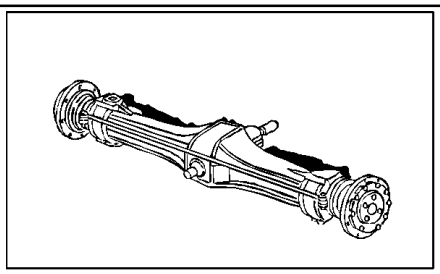
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.2/02(02A) (VAR.416) SUPERSTEER FRONT AXLE - STEERING AXLES - HUBS - 4WD - D5196

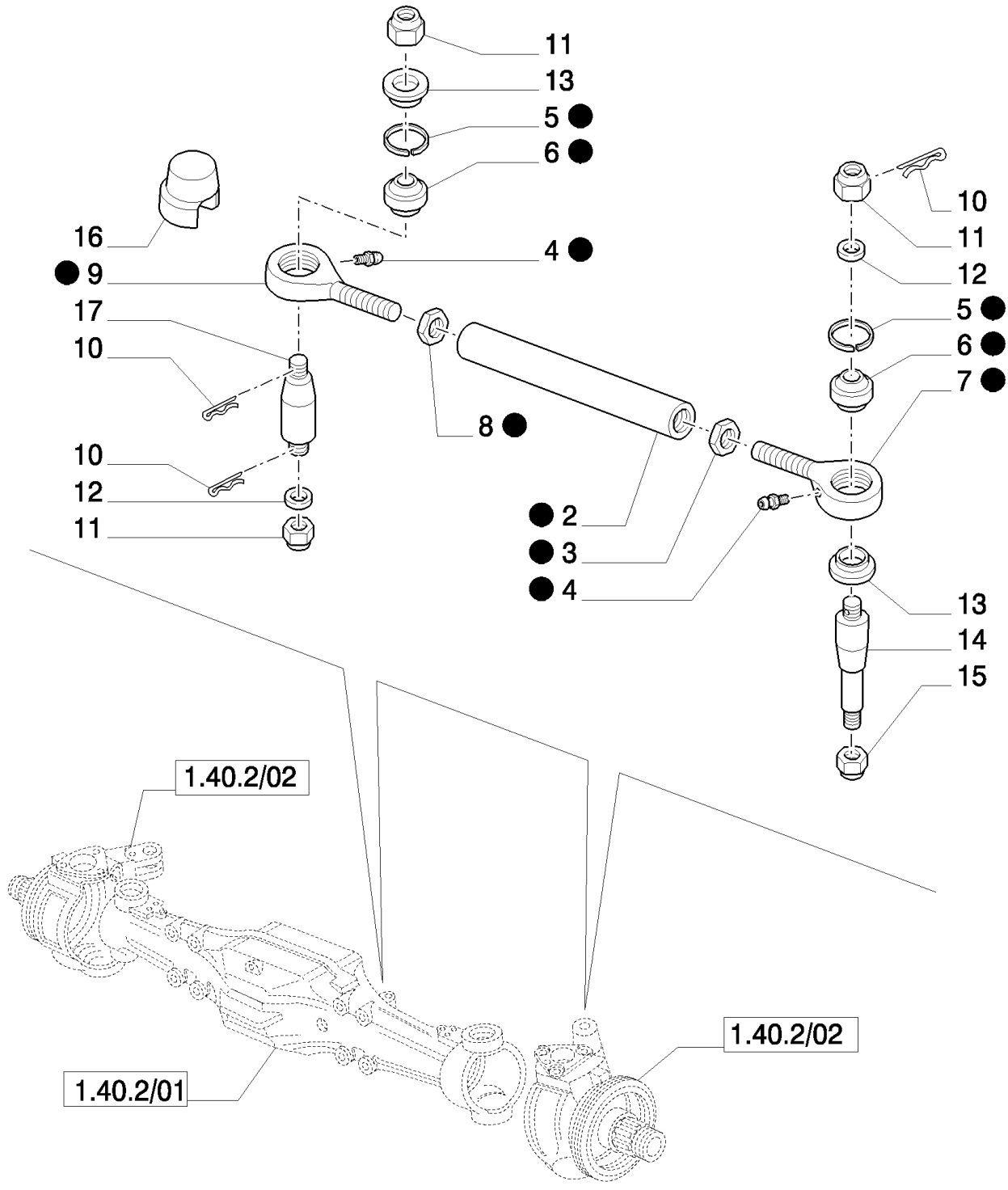
Ref	Part Number	Qty	Description
1	5179271	1	STUB AXLE/STRG. SPINDLE, RH, TM155
1	5191744	1	STUB AXLE/STRG. SPINDLE, RH, TM175, TM190
2	5179270	1	STUB AXLE/STRG. SPINDLE, LH, TM155
2	5191742	1	STUB AXLE/STRG. SPINDLE, LH, TM175, TM190
3	5105321	2	BUSHING, 42X46X28
4	14254431	12	BOLT, Hex, M14 x 1.5 x 30,
5	5191671	1	NIPPLE, LUBE, 45ε, M14 x 1.5,
5	5120532	2	NIPPLE, LUBE, M14 x 1.5,
6	5137138	3	PIN, BALL,
7	5137114	AR	SHIM, .10mm Thk,
7	5137115	AR	SHIM, .15mm Thk,
8	10717611	2	NUT, Thin, M18 x 2.5, Cl 04,
9	5179447	2	SCREW,
10	5121907	4	SEAL,
11	5119660	3	BALL JOINT,
12	5178141	4	SEAL, 190X165X15,5
13	5133737	4	BEARING, ROLLER, TAPERED, 95X135X20
14	11390534	16	BOLT, Hex, M16 x 40, 10.9, Full Thd,
15	87309308	1	PIN, BALL,
16	47137676	1	BALL JOINT,
17	5156065	2	HUB, , -C5201
17	87341364	2	HUB, , D5201-
18	4985063	4	DOWEL,
19	5100516	16	WASHER, 17X32X5
20	5141692	2	NUT, RING, M75X20
21	10384911	3	SCREW,
22	87309292	1	PIN,
23	14458280	1	O-RING, -124, 70 Duro, 1.237" ID x .103" Thk,
24	87303761	1	SENSOR, STEERING
25	47137701	1	SEAL,
26	87303770	1	CONNECTOR, ELEC,
27	87315098	1	SHIELD,
28	14643091	2	RIVET,

D5196 After Date 18 July 2005□□D5201 After Date 01 June 2005

1.40.2/04 (VAR.416) SUPERSTEER FRONT AXLE - LINK - 4WD



KIT ● = 1

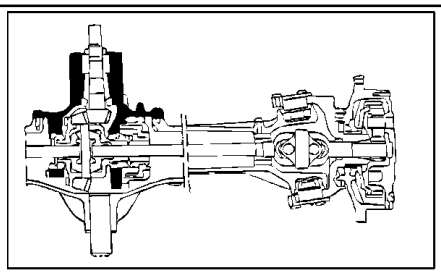


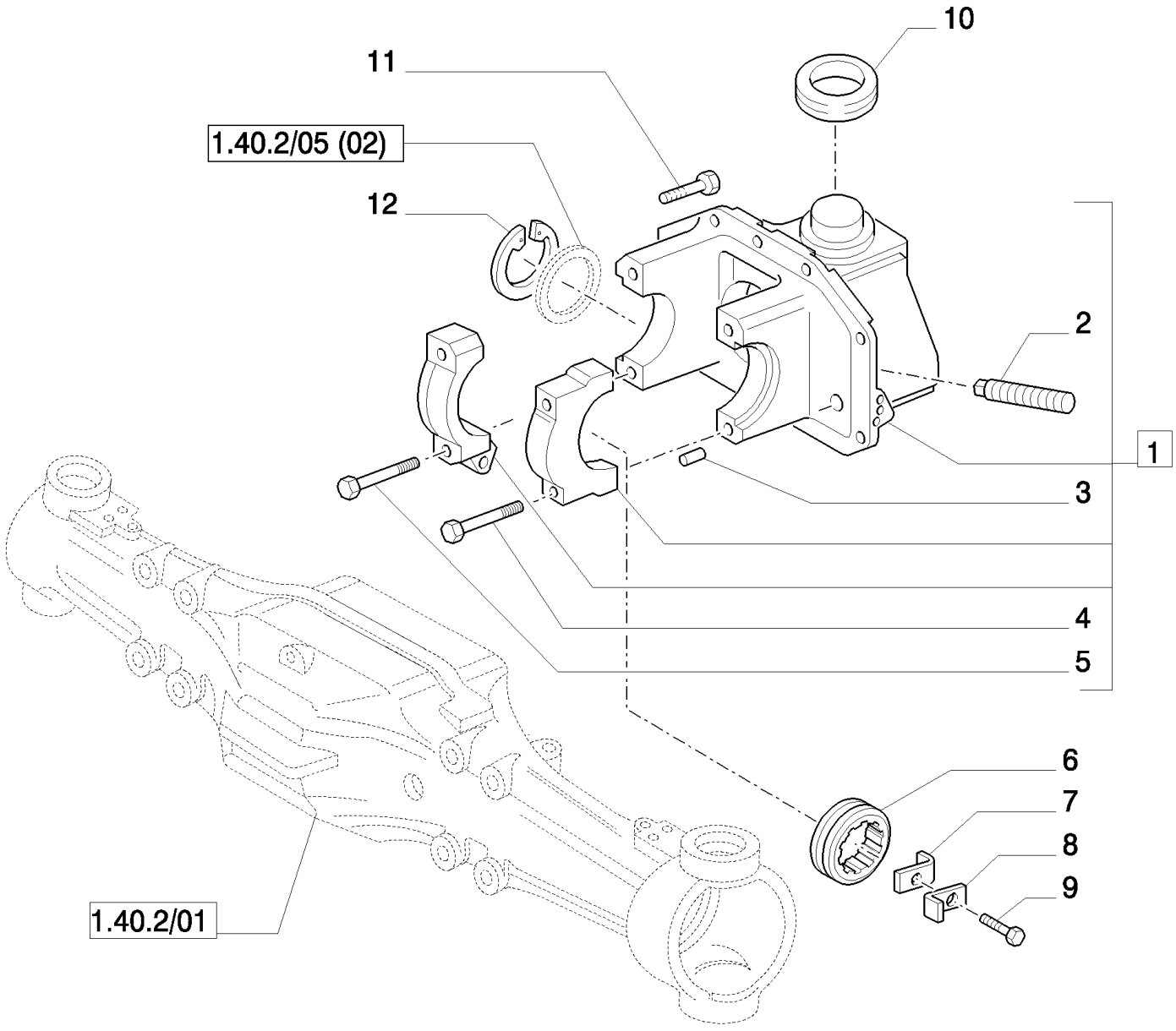
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.2/04 (VAR.416) SUPERSTEER FRONT AXLE - LINK - 4WD

Ref	Part Number	Qty	Description
1	5180336	2	TIE-ROD, STEERING,
2	5180342	2	TUBE, RIGID,
3	5178345	2	NUT, M32X1,5
4	87414	4	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
5	5149933	4	RING, LOCKING,
6	5179416	4	BALL JOINT,
7	5180328	2	END ASSY, TRACK ROD,
8	5179956	2	NUT, M32X1,5/LH
9	5180329	2	END ASSY, TRACK ROD,
10	10797601	6	PIN, SPLIT (COTTER), M5 x 50,
11	11695721	6	NUT, M24X2
12	13508221	4	WASHER, LOCK, 24X39
13	5180315	4	BUSHING,
14	5179412	2	PIN,
15	12577021	2	NUT, LOCK, M20 x 1.5, Cl 05,
16	5186329	2	PROTECTION CAP,
17	5179413	2	PIN,

1.40.2/05(01) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD - C5417

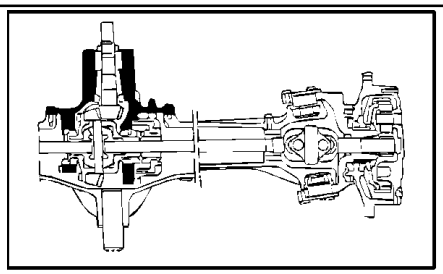


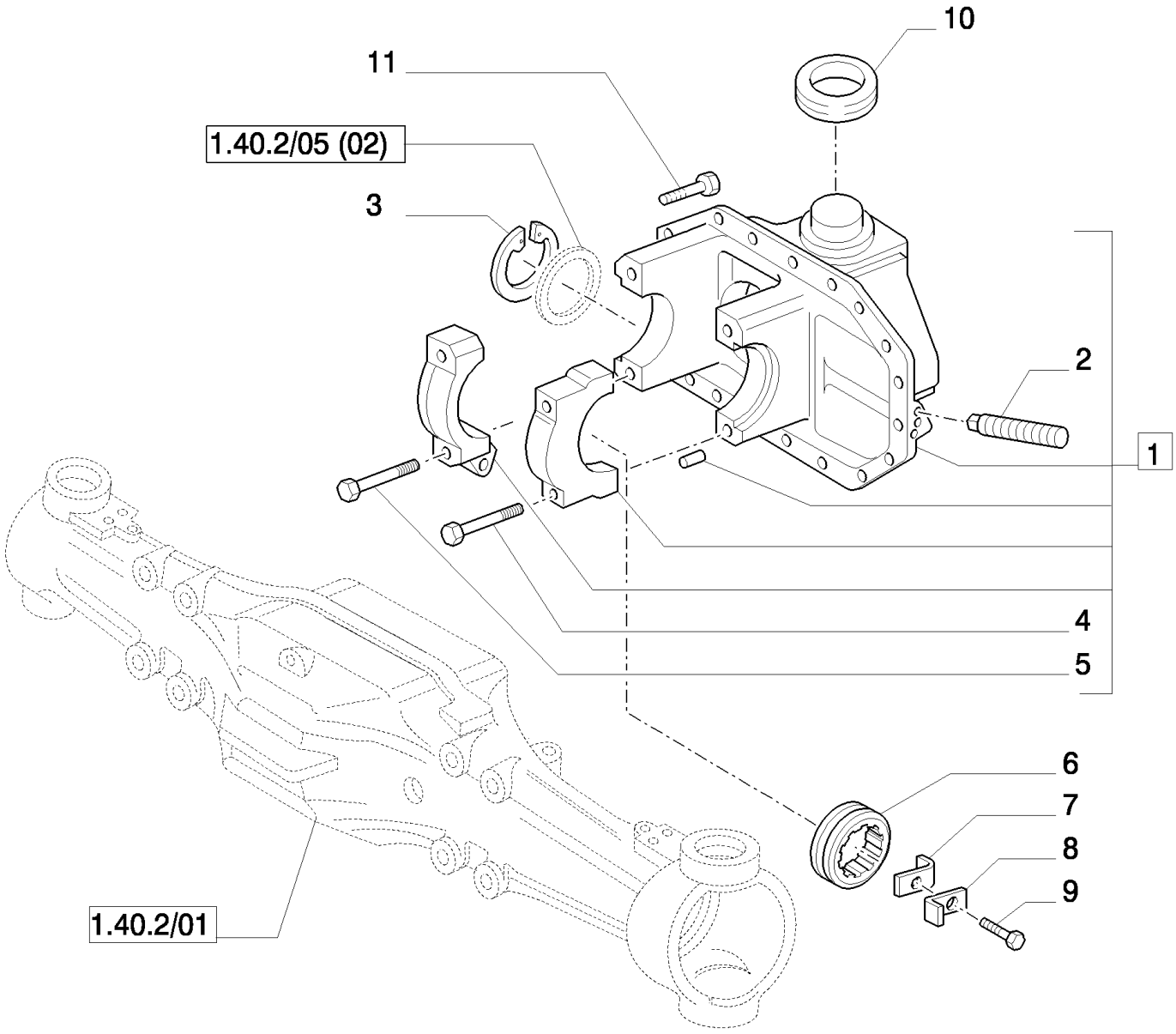


1.40.2/05(01) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD - C5417

Ref	Part Number	Qty	Description
1	5180000	1	SUPPORT,
2	13789621	1	SET SCREW, Hex Soc, M8 x 10, Flat Pt,
3	4966530	4	DOWEL, 6X18
4	14257731	2	SCREW, M14X1,5X90
5	14255330	2	SCREW, M14X1,5X75
6	5110423	1	NUT, RING, M115X15
7	4966243	1	CLIP,
8	562659	1	PLATE,
9	15970524	1	BOLT, Hex, M10 x 1.25 x 20, 8.8, Full Thd,
10	5179996	2	ARTICULATION,
11	16217734	16	BOLT, Hex, M16 x 50,
12	11075476	1	RING, SNAP, M110, Int,

1.40.2/05(01A) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD - D5417





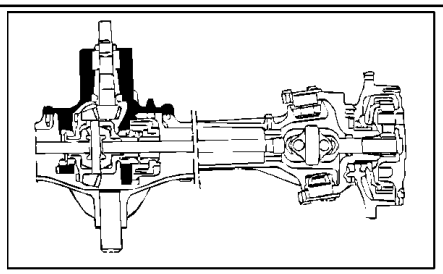
TM190 TRACTOR (6/02-) - Front Axle & Steering

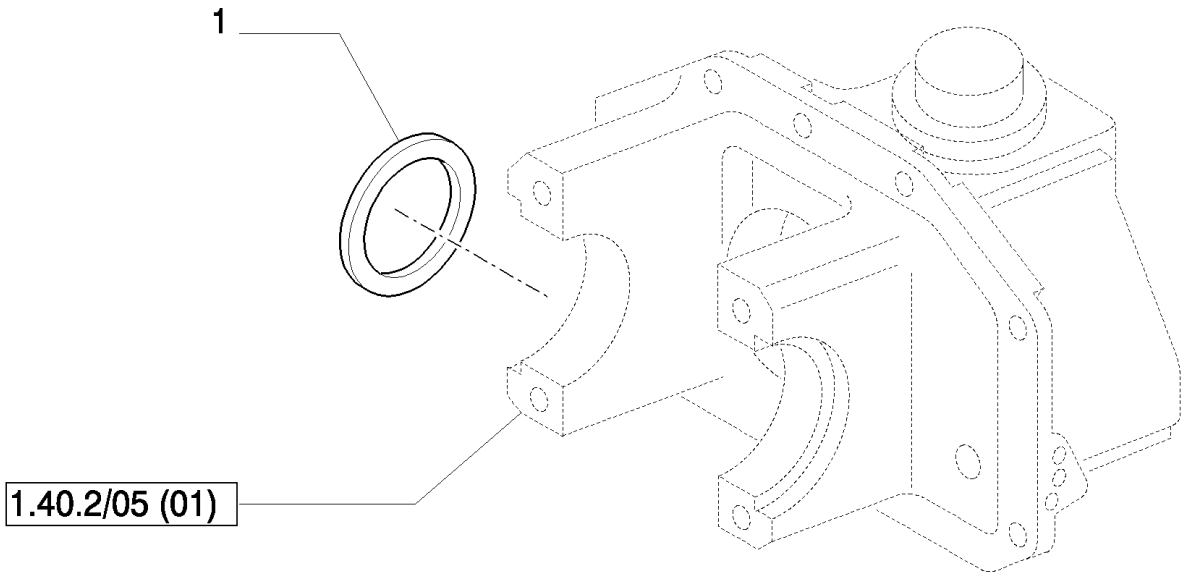
1.40.2/05(01A) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD - D5417

Ref	Part Number	Qty	Description
1	87530779	1	HOLDER,
2	10268350	1	PLUG,
3	11075476	1	RING, SNAP, M110, Int,
4	14255734	2	SCREW, M14X1,5X90
5	14255334	2	SCREW, M14X1,5X75
6	5110423	1	NUT, RING, M115X15
7	4966243	1	CLIP,
8	562659	1	PLATE,
9	15970524	1	BOLT, Hex, M10 x 1.25 x 20, 8.8, Full Thd,
10	5179996	2	ARTICULATION,
11	16217734	16	BOLT, Hex, M16 x 50,

D5417 After Date 01 March 2007

1.40.2/05(02) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD

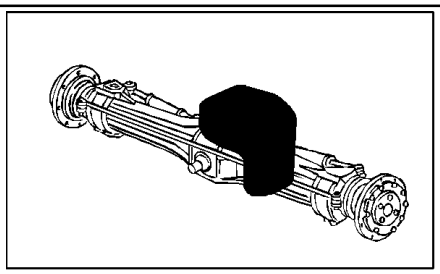


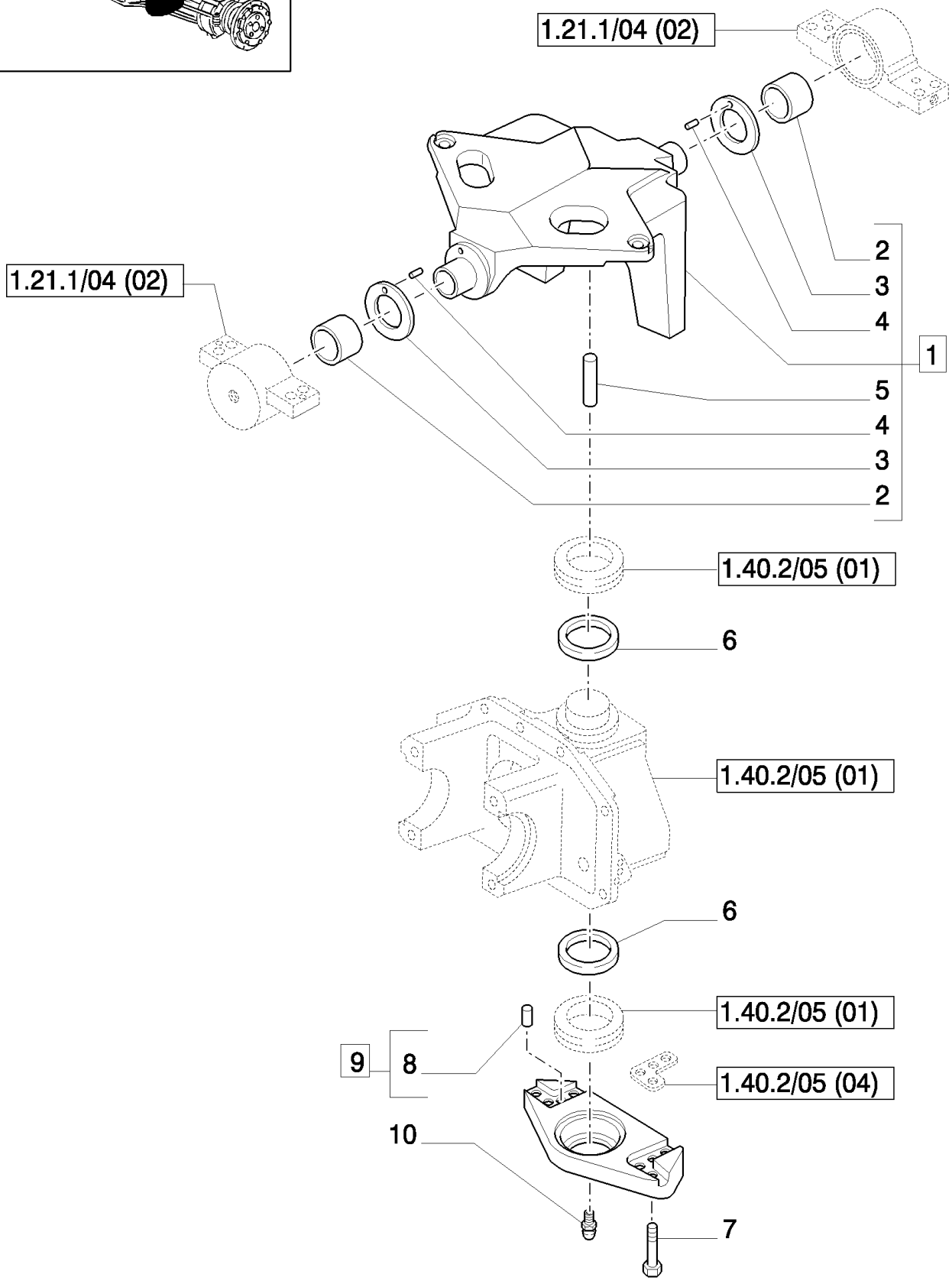


1.40.2/05(02) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD

Ref	Part Number	Qty	Description
1	5135019	AR	SHIM, 1.0mm Thk ,
1	5135020	AR	SHIM, 1.1mm Thk,
1	5135021	AR	SHIM, 1.2mm Thk,
1	5135022	AR	SHIM, 1.3mm Thk,
1	5135023	AR	SHIM, 1.4mm Thk,
1	5135024	AR	SHIM, 1.5mm Thk,
1	5135025	AR	SHIM, 1.6mm Thk,
1	5135026	AR	SHIM, 1.7mm Thk,
1	5135027	AR	SHIM, 1.8mm Thk,
1	5135028	AR	SHIM, 1.9mm Thk,

1.40.2/05(03) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD



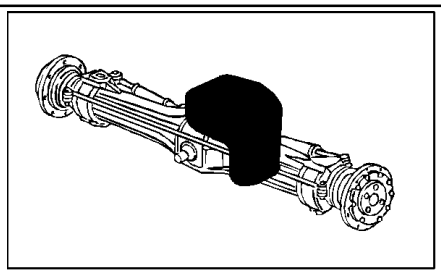


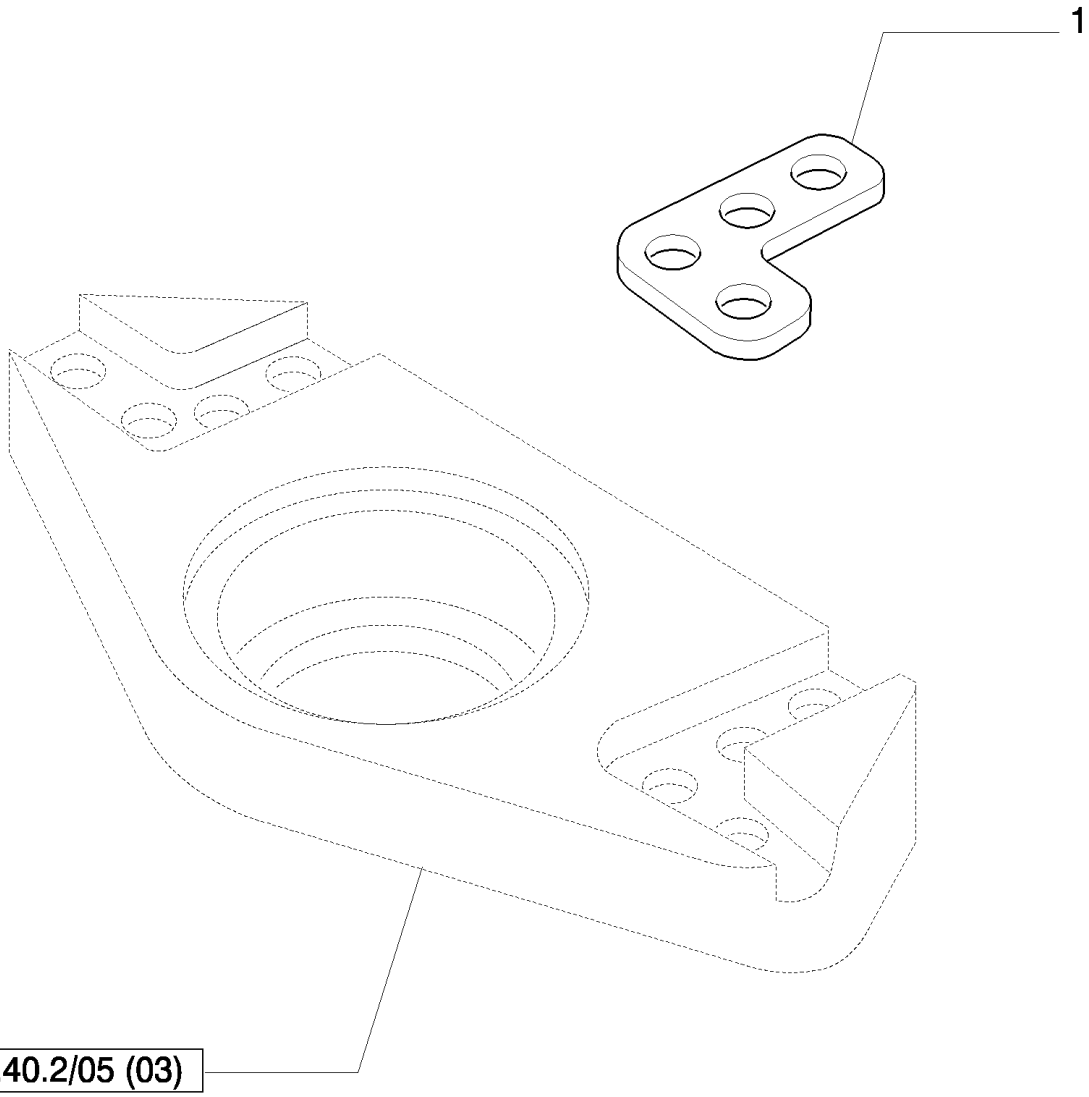
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.2/05(03) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD

Ref	Part Number	Qty	Description
1	5180129	1	SUPPORT,
2	5136120	2	BUSHING, 90 x 99 x 72
3	5136119	2	RING,
4	4966244	2	DOWEL,
5	5180131	1	DOWEL,
6	5188609	2	GASKET,
7	14272334	6	SCREW, M18X1,5X90
8	5185790	2	DOWEL, M18 x 30
9	5180132	1	SUPPORT, Incl. Ref. 8
10	13407211	1	NIPPLE, LUBE, M10 x 1,

1.40.2/05(04) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD

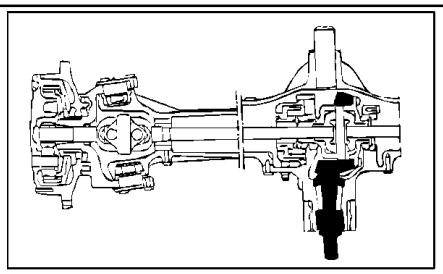


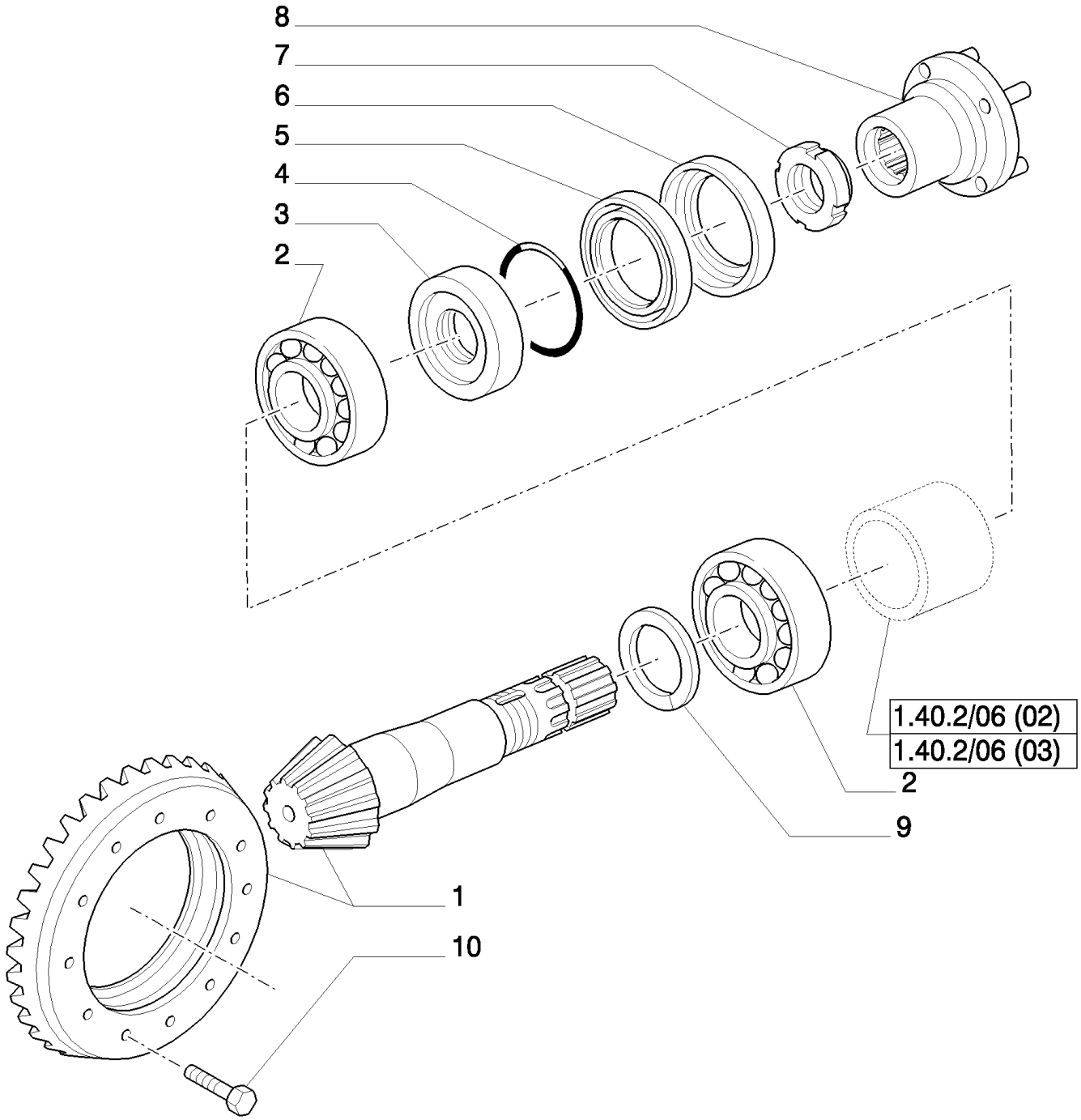


1.40.2/05(04) (VAR.416) SUPERSTEER FRONT AXLE - SUPPORT - 4WD

Ref	Part Number	Qty	Description
1	5185858	AR	SHIM, MM.1,00
1	5185887	AR	SHIM, MM.1,050
1	5185889	AR	SHIM, MM.1,100
1	5185890	AR	SHIM, MM.1,150
1	5185891	AR	SHIM, MM1,200
1	5185892	AR	SHIM, MM.1,250
1	5185893	AR	SHIM, MM.1,300
1	5185894	AR	SHIM, MM.1,350
1	5185896	AR	SHIM, MM.1,400
1	5185897	AR	SHIM, MM.1,450
1	5185900	AR	SHIM, MM.1,500
1	5185904	AR	SHIM, MM.1,550
1	5185905	AR	SHIM, MM.1,600
1	5185906	AR	SHIM, MM.1,650
1	5185907	AR	SHIM, MM.1,700
1	5185908	AR	SHIM, MM.1,750
1	5185909	AR	SHIM, MM.1,800
1	5185910	AR	SHIM, MM.1,850
1	5185911	AR	SHIM, MM1,900

1.40.2/06(01) (VAR.416) SUPERSTEER FRONT AXLE - BEVEL GEAR PAIR - 4WD



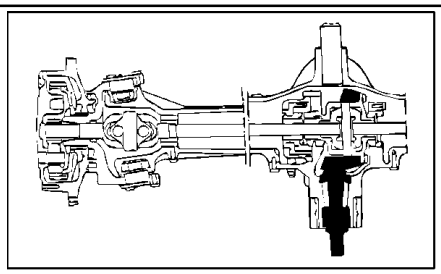


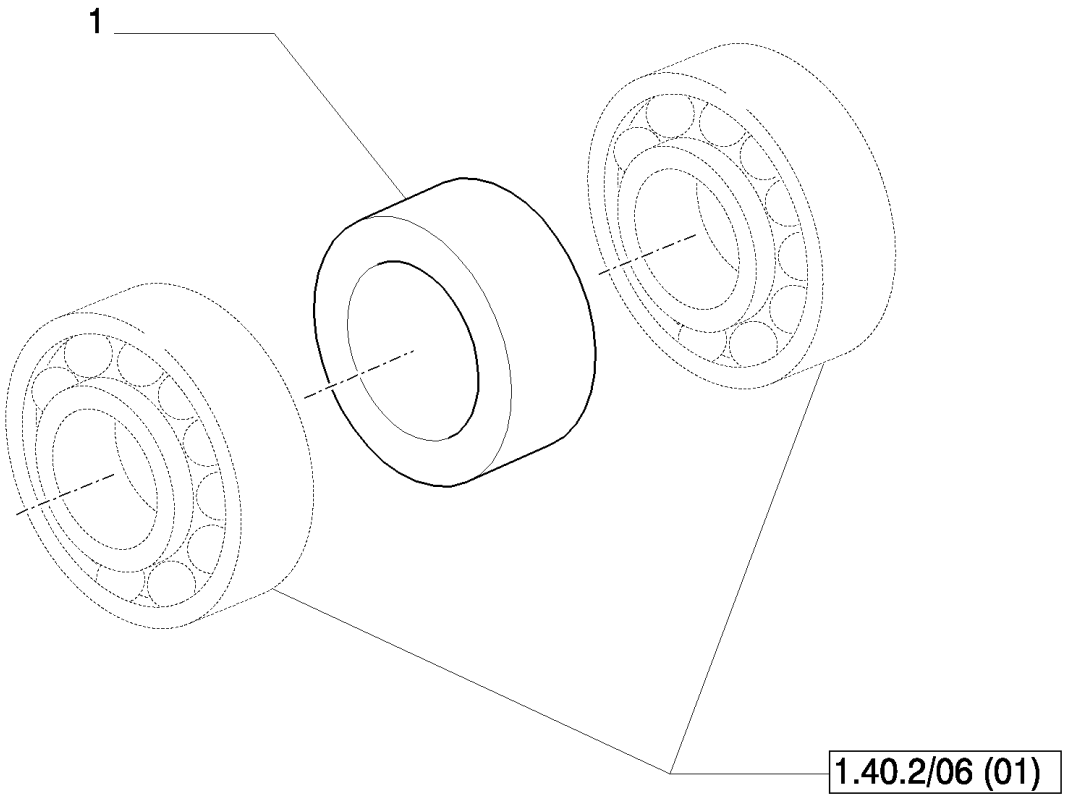
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.2/06(01) (VAR.416) SUPERSTEER FRONT AXLE - BEVEL GEAR PAIR - 4WD

Ref	Part Number	Qty	Description
1	5179445	1	GEAR, BEVEL, RATIO 10/34
2	5141714	2	BEARING ASSY, 45X100X38,25
3	5179417	1	RING,
4	14459080	1	O-RING, -131, 70 Duro, 1.737" ID x .103" Thk,
5	5119262	1	SEAL, 80 x 110 x 12
6	5179995	1	CUP,
7	5111953	1	NUT, M24X2
8	5190345	1	FLANGE,
9	7888012	AR	RING, MM.45,1X58X0,5
9	5121690	AR	RING, M45.1 x 58 x 2.3,
9	5121691	AR	RING, M45.1 x 58 x 2.4,
9	4999063	AR	RING, M45.1 x 58 x 2.5,
9	4999064	AR	RING, M45.1 x 58 x 2.6 ,
9	4999065	AR	RING, M45.1 x 58 x 2.7 ,
9	4999066	AR	RING, M45.1 x 58 x 2.8,
9	4999067	AR	RING, M45.1 x 58 x 2.9 ,
10	14274631	12	BOLT, Hex, M12 x 1.25 x 35,

1.40.2/06(02) (VAR.416) SUPERSTEER FRONT AXLE - BEVEL GEAR PAIR - 4WD

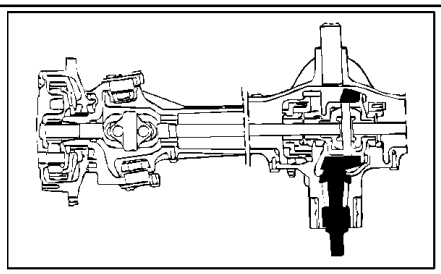


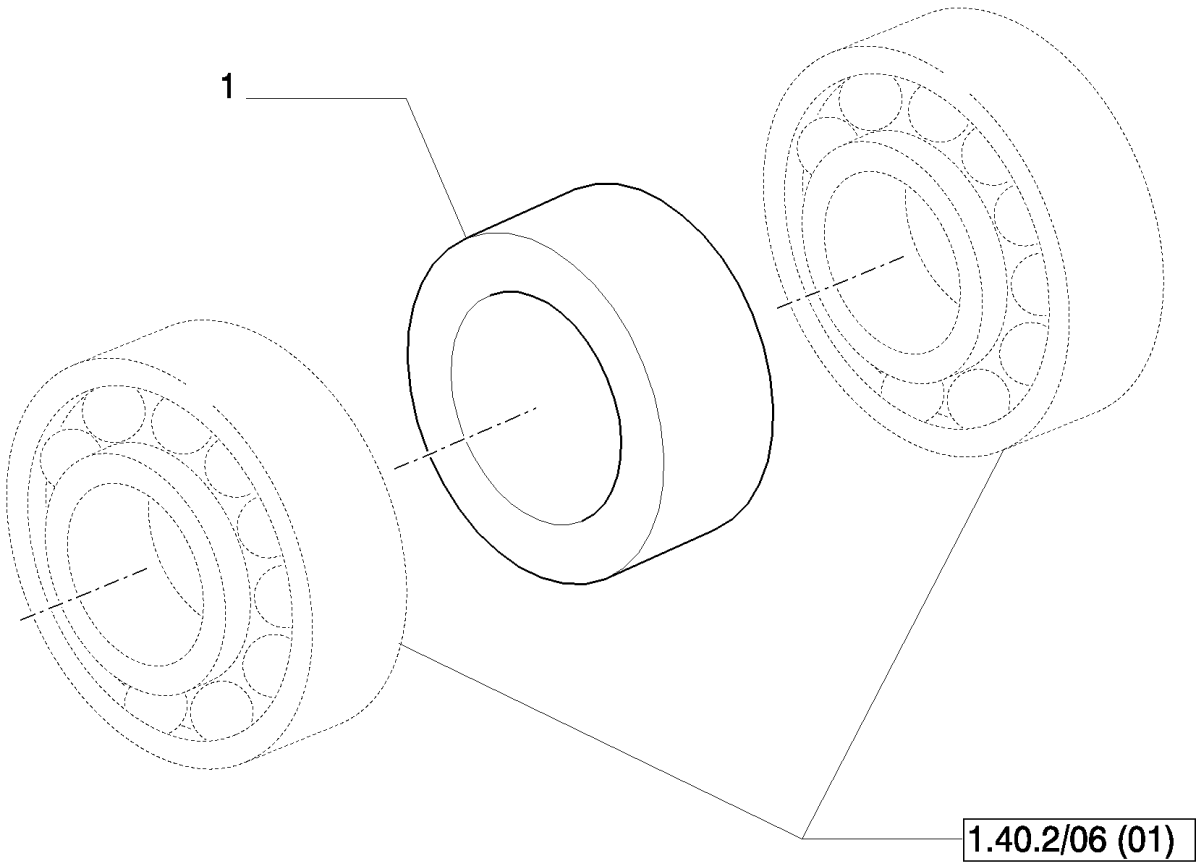


1.40.2/06(02) (VAR.416) SUPERSTEER FRONT AXLE - BEVEL GEAR PAIR - 4WD

Ref	Part Number	Qty	Description
1	5179957	AR	SHIM, 19.400mm Thk,
1	5179959	AR	SHIM, 19.425mm Thk,
1	5179960	AR	SHIM, 19.450mm Thk,
1	5179961	AR	SHIM, 19.475mm Thk,
1	5179962	AR	SHIM, 19.500mm Thk,
1	5179963	AR	SHIM, 19.525mm Thk,
1	5179964	AR	SHIM, 19.550mm Thk,
1	5179965	AR	SHIM, 19.575mm Thk,
1	5179966	AR	SHIM, 19.600mm Thk,
1	5179967	AR	SHIM, 19.625mm Thk,
1	5179968	AR	SHIM, 19.650mm Thk,
1	5179969	AR	SHIM, 19.675mm Thk,
1	5179970	AR	SHIM, 19.700mm Thk,
1	5179971	AR	SHIM, 19.725mm Thk,
1	5179972	AR	SHIM, 19.750mm Thk,
1	5179973	AR	SHIM, 19.775mm Thk,
1	5179974	AR	SHIM, 19.800mm Thk,
1	5179975	AR	SHIM, 19.825mm Thk,

1.40.2/06(03) (VAR.416) SUPERSTEER FRONT AXLE - BEVEL GEAR PAIR - 4WD

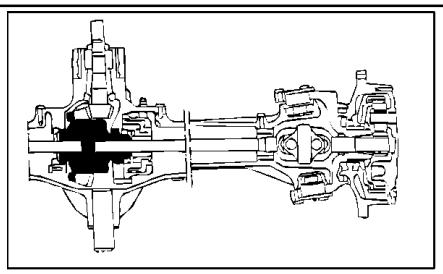


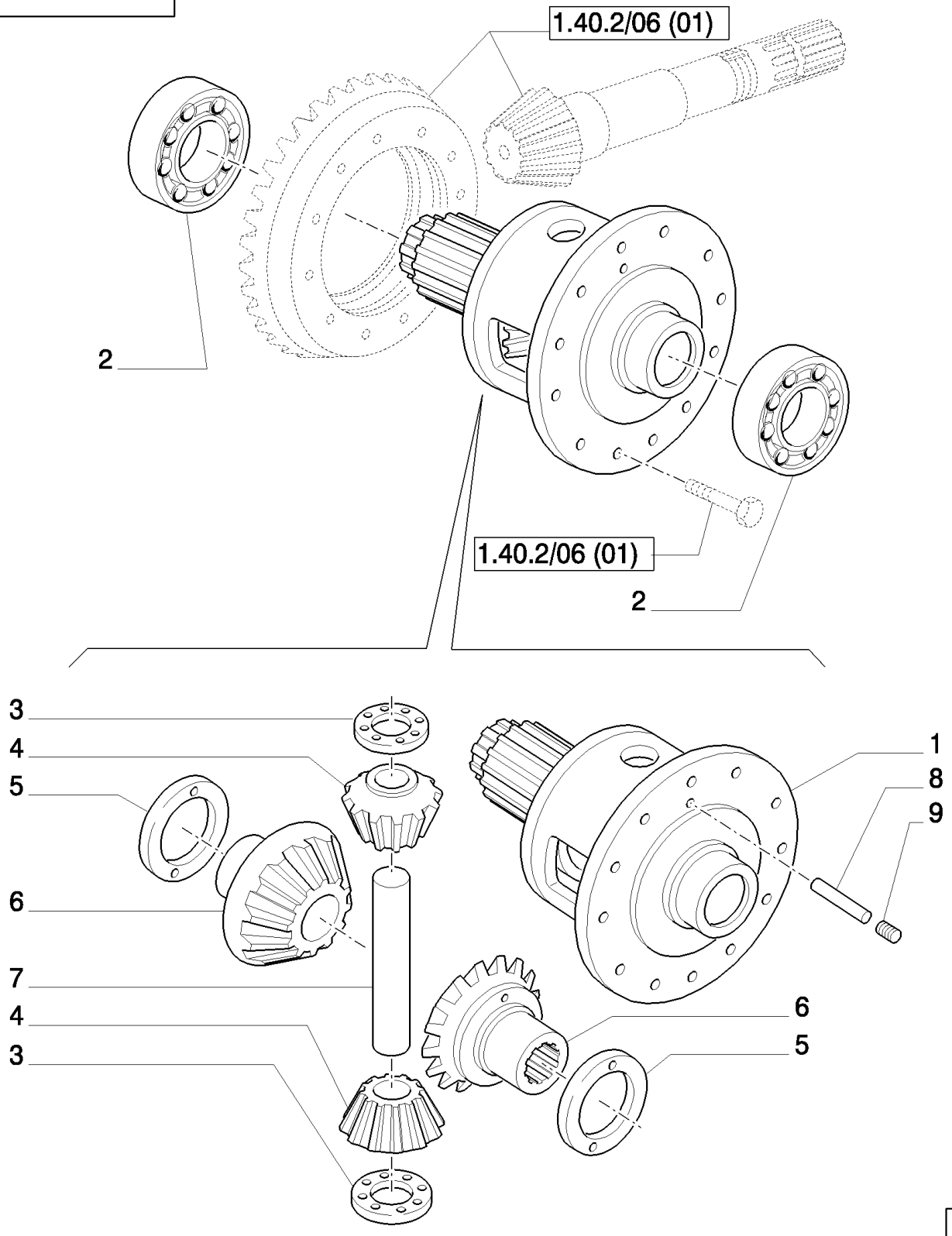


1.40.2/06(03) (VAR.416) SUPERSTEER FRONT AXLE - BEVEL GEAR PAIR - 4WD

Ref	Part Number	Qty	Description
1	5179976	AR	SHIM, 19.850mm Thk,
1	5179977	AR	SHIM, 19.875mm Thk,
1	5179978	AR	SHIM, 19.900mm Thk,
1	5179979	AR	SHIM, 19.925mm Thk,
1	5179980	AR	SHIM, 19.950mm Thk,
1	5179981	AR	SHIM, 19.975mm Thk,
1	5179982	AR	SHIM, 20.000mm Thk,
1	5179983	AR	SHIM, 20.025mm Thk,
1	5179984	AR	SHIM, 20.050mm Thk,
1	5179985	AR	SHIM, 20.075mm Thk,
1	5179986	AR	SHIM, 20.100mm Thk,
1	5179987	AR	SHIM, 20.125mm Thk,
1	5179988	AR	SHIM, 20.150mm Thk,
1	5179989	AR	SHIM, 20.175mm Thk,
1	5179990	AR	SHIM, 20.200mm Thk,
1	5179991	AR	SHIM, 20.225mm Thk,
1	5179992	AR	SHIM, 20.250mm Thk,
1	5179993	AR	SHIM, 20.275mm Thk,
1	5179994	AR	SHIM, 20.300mm Thk,

1.40.2/07 (VAR.416) SUPERSTEER FRONT AXLE - DIFFERENTIAL - 4WD

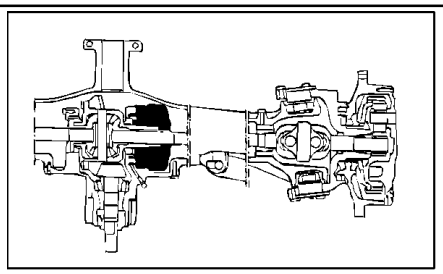


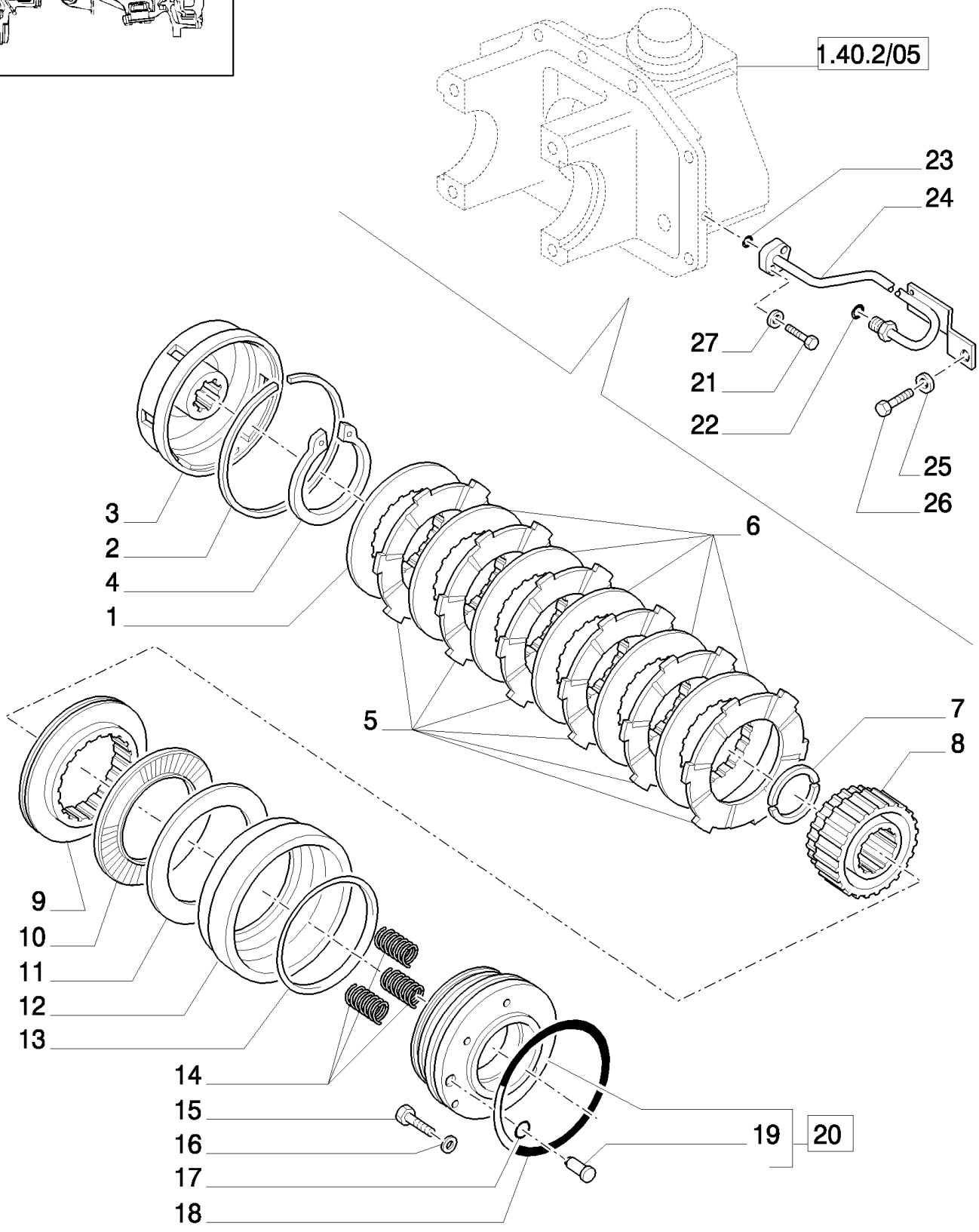


1.40.2/07 (VAR.416) SUPERSTEER FRONT AXLE - DIFFERENTIAL - 4WD

Ref	Part Number	Qty	Description
1	5174845	1	BOX, DIFFERENTIAL GEAR
2	24903470	2	BEARING,
3	4991658	2	WASHER, THRUST,
4	4991695	2	PINION, IDLER,
5	4997235	AR	WASHER, THRUST, 1.5mm Thk,
5	4997236	AR	WASHER, THRUST, 1.6mm Thk,
5	5138267	AR	WASHER, THRUST, 1.7mm Thk,
5	5144801	AR	WASHER, THRUST, 1.4mm Thk,
5	5144802	AR	WASHER, THRUST, 1.8mm Thk,
5	5170588	AR	WASHER, THRUST, 1.9mm Thk,
5	5170589	AR	WASHER, THRUST, 2.0mm Thk,
5	5182769	AR	WASHER, THRUST, 2.1mm Thk,
5	5182770	AR	WASHER, THRUST, 2.2mm Thk,
6	5149551	2	GEAR, PLANETARY,
7	5168624	1	PIN,
8	5173242	1	PIN, ROLL,
9	13807870	1	SET SCREW, Hex Soc, M8 x 14, Flat Pt,

1.40.2/09 (VAR.416) SUPERSTEER FRONT AXLE - HYDRAULIC DIFFERENTIAL LOCK - 4WD

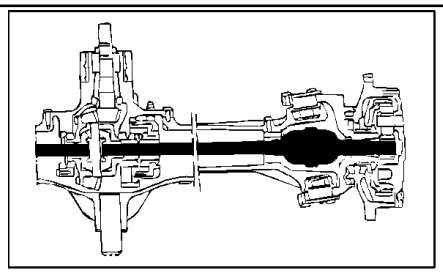


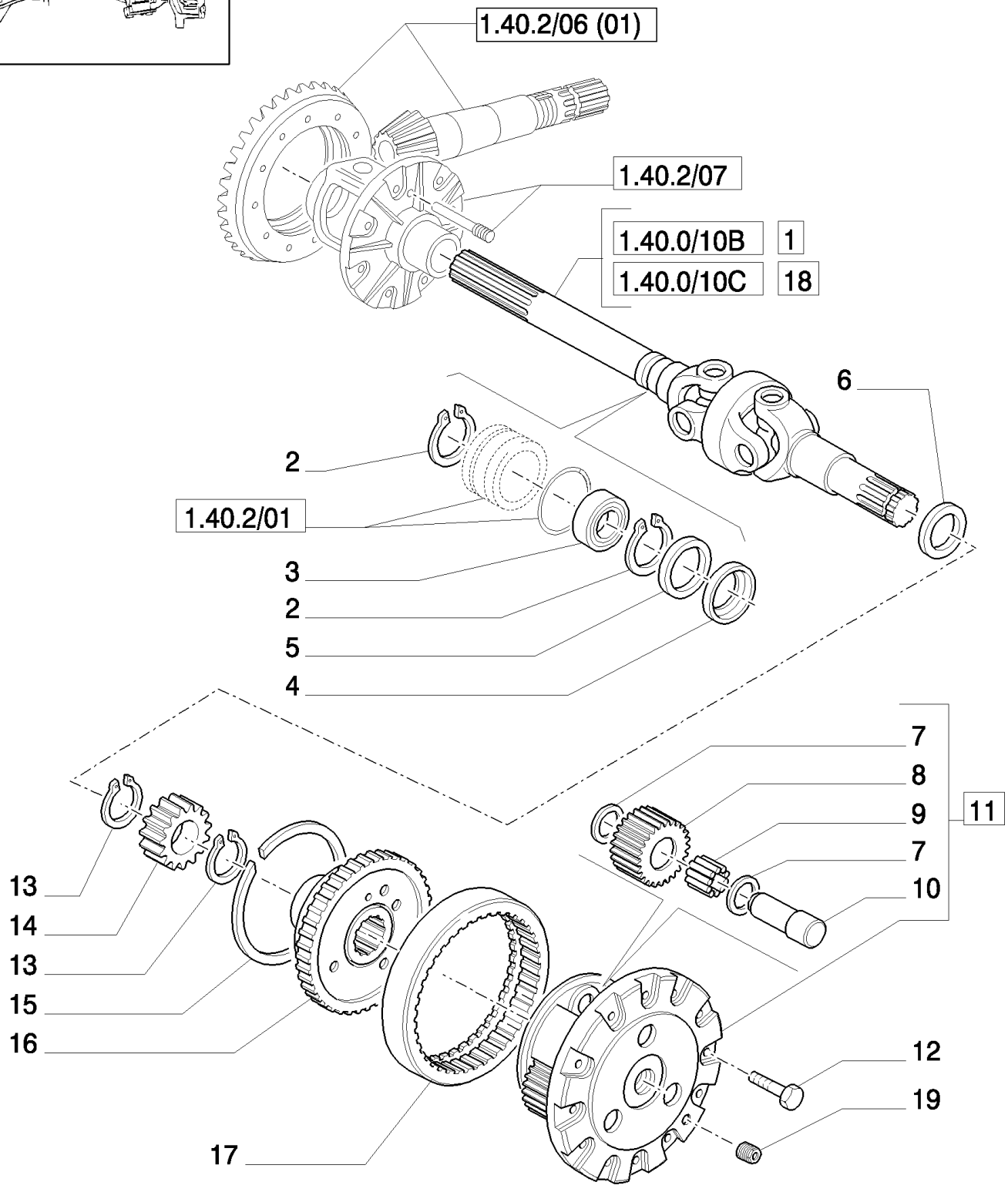


1.40.2/09 (VAR.416) SUPERSTEER FRONT AXLE - HYDRAULIC DIFFERENTIAL LOCK - 4WD

Ref	Part Number	Qty	Description
1	5141750	1	CLUTCH, PLATE,
2	5134095	1	RING, LOCKING,
3	5134083	1	HOUSING,
4	11083176	1	RING, SNAP, M125, Ext,
5	5198090	6	CLUTCH, PLATE,
6	5198088	5	CLUTCH, PLATE,
7	5135032	1	HALF-RING,
8	5134099	1	HUB,
9	5144582	1	DISC,
10	5134174	1	BEARING, ROLLER,
11	5134175	1	WASHER, THRUST, 140X180X1
12	5134093	1	PLUNGER,
13	5140120	1	O-RING, 2,62X145,72
14	5120761	3	SPRING,
15	14306524	5	SCREW, Hex Soc Hd, M8 x 30, 8.8,
16	10569374	5	WASHER, LOCK, M8
17	5185510	1	O-RING, 1,78 x 9,25
18	5140121	1	O-RING, 2,62X171,12
19	5148467	1	PIN,
20	5148468	1	FLANGE,
21	16043824	2	BOLT, Hex, M8 x 30, 8.8, Full Thd,
22	14452881	1	O-RING, -011, Cl 7, .301" ID x .070" Thk,
23	14456881	1	O-RING, -110, Cl 7, .361" ID x .103" Thk,
24	87343136	1	TUBE, RIGID,
25	11193974	1	WASHER, SPRING, Belleville, M8.4,
26	16043924	1	BOLT, Hex, M8 x 35, 8.8, Full Thd,
27	11193874	2	WASHER, SPRING, Belleville, M8.4,

1.40.2/10(02) (VAR.416) SUPERSTEER FRONT AXLE - DIFFERENTIAL GEARS AND DIFFERENTIAL SHAFT - 4WD

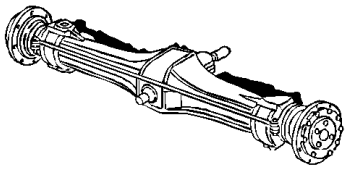


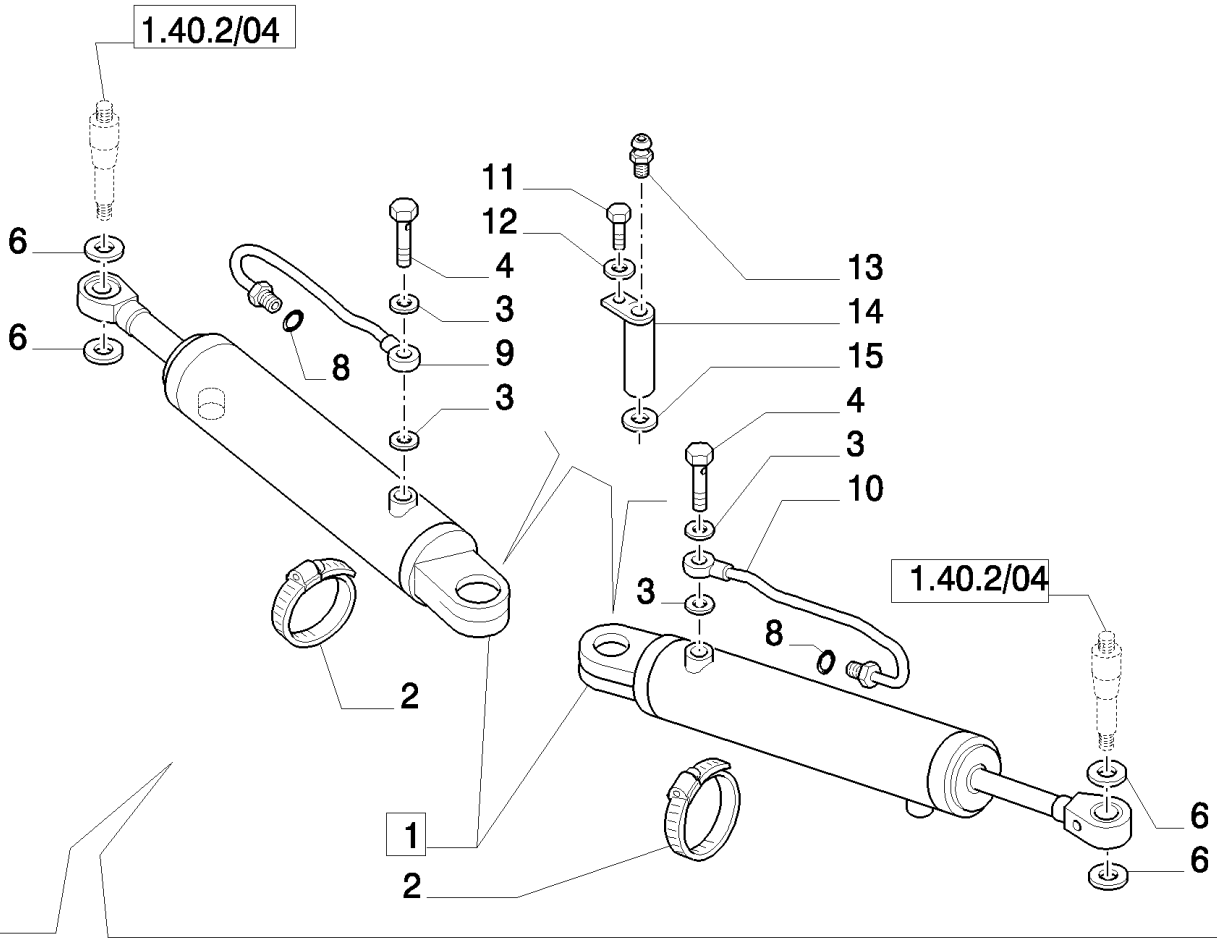


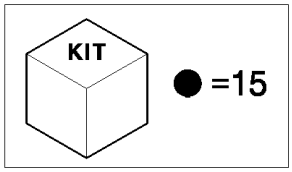
1.40.2/10(02) (VAR.416) SUPERSTEER FRONT AXLE - DIFFERENTIAL GEARS AND DIFFERENTIAL SHAFT - 4WD

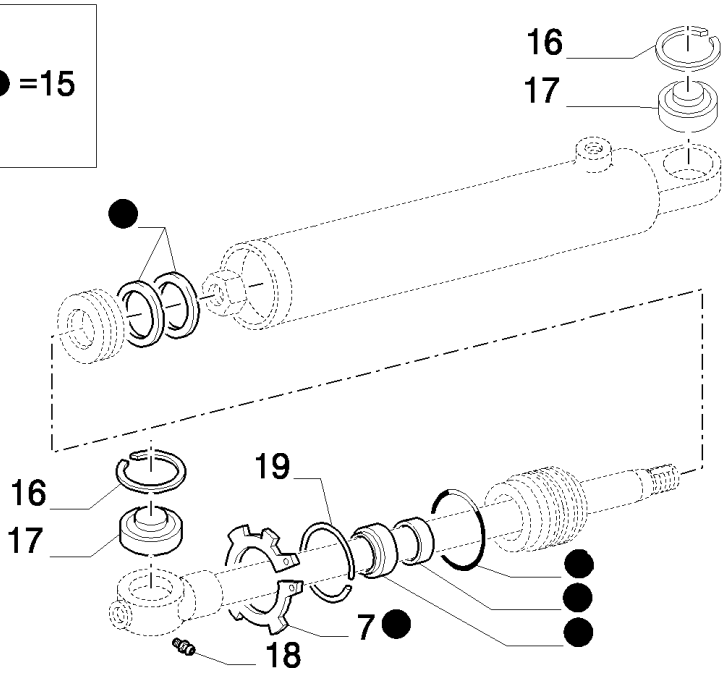
Ref	Part Number	Qty	Description
1	5174473	1	AXLE-SHAFT, ARTICULATED, LH, TM155
1	5174475	1	AXLE-SHAFT, ARTICULATED, RH, TM155
2	11061376	4	RING, SNAP, M68, Int,
3	28042480	2	BEARING, BALL, 40 x 68 x 15
4	5109311	2	SEAL PROTECTION,
5	5105948	2	SEAL, 45X68X12
6	5183845	2	SEAL,
7	4998022	12	WASHER, THRUST,
8	5102132	6	PINION, IDLER,
9	5101692	6	BEARING, ROLLER, 31,8X41,9X35,5
10	5181056	6	PIN,
11	5181054	2	CARRIER,
12	14274631	24	BOLT, Hex, M12 x 1.25 x 35,
13	5123651	6	RING,
14	5136819	2	GEAR, PLANETARY,
15	4986355	2	RING,
16	5141691	2	DISC,
17	5102130	2	GEAR, RING,
18	5191697	1	AXLE-SHAFT, ARTICULATED, RH, TM175, TM190
18	5191696	1	AXLE-SHAFT, ARTICULATED, LH, TM175, TM190
19	14326211	2	PLUG, Magnetic

1.40.2/12 (VAR.416) SUPERSTEER FRONT AXLE - HYDRAULIC STEERING CYLINDER - 4WD









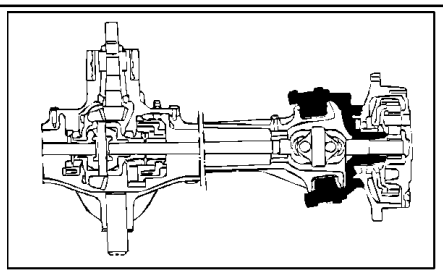
TM190 TRACTOR (6/02-) - Front Axle & Steering

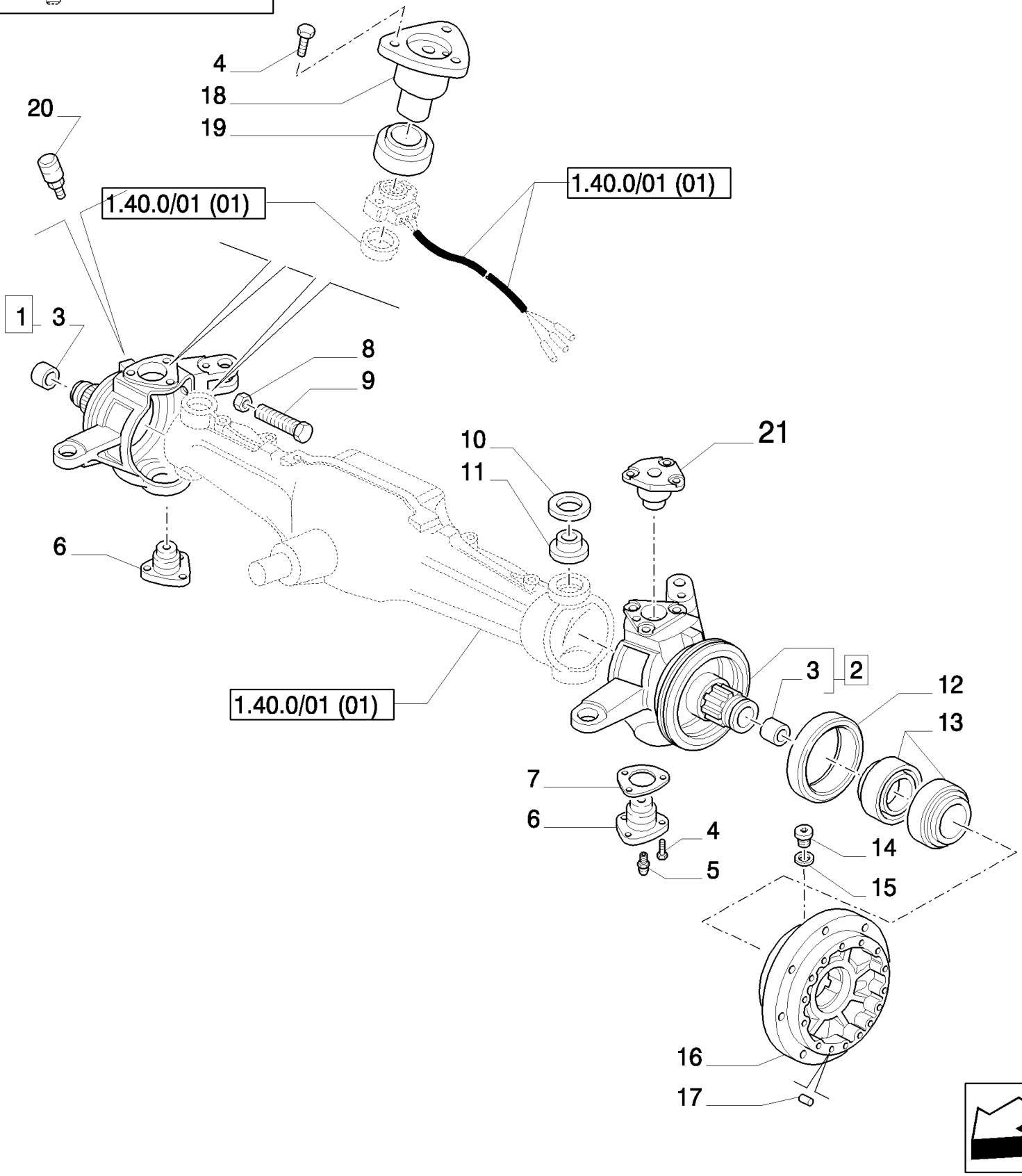
1.40.2/12 (VAR.416) SUPERSTEER FRONT AXLE - HYDRAULIC STEERING CYLINDER - 4WD

Ref	Part Number	Qty	Description
1	5192139	2	SERVO STEERING CYL., , -C5296
1	47132184	2	SERVO STEERING CYL., , D5296-
2	13000990	2	CLAMP, HOSE,
3	44906168	4	SEAL,
4	4864083	2	BOLT, BANJO,
5	5111576	2	SPACER, M25.5 x 34 x 11,
6	5111573	4	WASHER, LOCK,
7	5192837	1	RING, LOCKING,
8	5185510	2	O-RING, 1,78 x 9,25
9	5192842	1	TUBE, RIGID,
10	5192839	1	TUBE, RIGID,
11	16043424	1	SCREW, Hex, M8 x 20, 8.8, Full Thd,
11	16043824	1	BOLT, Hex, M8 x 30, 8.8, Full Thd,
12	11193874	2	WASHER, SPRING, Belleville, M8.4,
13	5191671	2	NIPPLE, LUBE, 45є, M14 x 1.5,
14	5135870	2	PIN,
15	5192852	1	KIT,
16	5124473	1	RING, LOCKING,
17	5192823	1	BALL JOINT,
18	5192825	1	NIPPLE, LUBE,
19	5192840	1	RING, LOCKING,

D5296 After Date 22 June 2006

1.40.4/02(02) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - STEERING PIVOT PINS AND HUBS





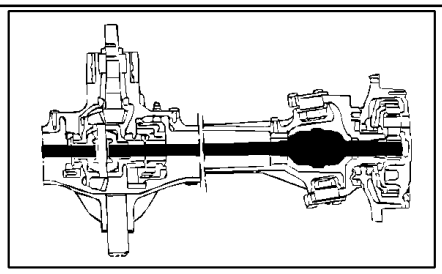
TM190 TRACTOR (6/02-) - Front Axle & Steering

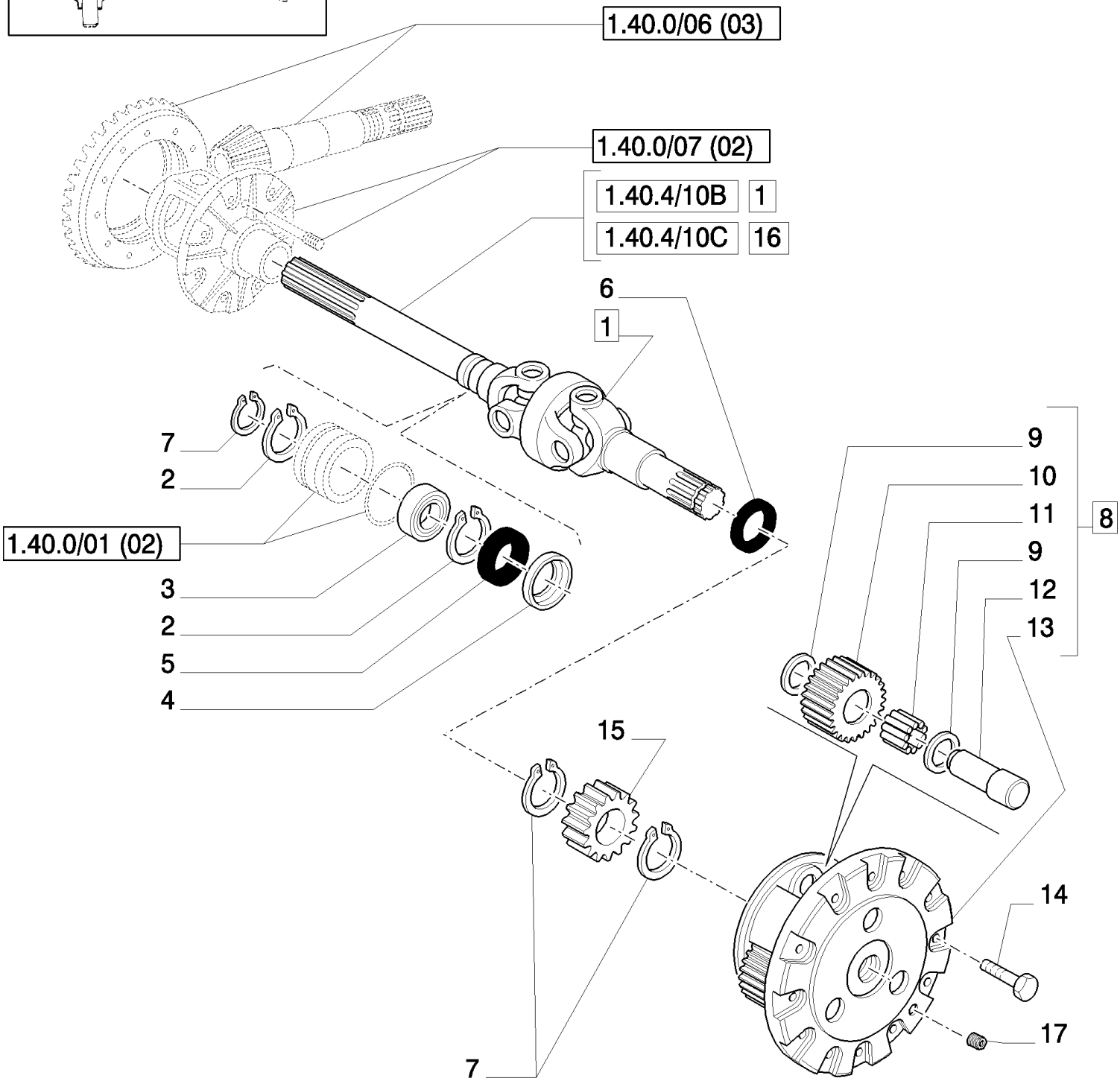
1.40.4/02(02) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - STEERING PIVOT PINS AND HUBS

Ref	Part Number	Qty	Description
1	5182002	1	STUB AXLE/STRG. SPINDLE, RH, TM155
1	5198876	1	STUB AXLE/STRG. SPINDLE, RH, TM175, TM190
2	5182000	1	STUB AXLE/STRG. SPINDLE, LH, TM155
2	5198874	1	KNUCKLE, STEERING, LH, TM175, TM190
3	5105321	2	BUSHING, 45 x 50 x 30
4	14254431	6	BOLT, Hex, M14 x 1.5 x 30,
4	14254534	6	BOLT, Hex, M14 x 1.5 x 35,
5	5120532	2	NIPPLE, LUBE, M14 x 1.5,
5	5191671	1	NIPPLE, LUBE, 45є, M14 x 1.5,
6	5137138	2	PIN, BALL,
7	5137114	AR	SHIM, .10mm Thk,
7	5137115	AR	SHIM, .15mm Thk,
8	10717611	2	NUT, Thin, M18 x 2.5, Cl 04,
9	5179447	2	SCREW,
10	5121907	4	SEAL,
11	5119660	3	BALL JOINT,
12	5178141	2	SEAL, 190X220X14,5-18
13	87303827	4	BEARING ASSY,
14	10278301	2	PLUG, M28 x 1.5 x 11, Brass,
15	10282260	2	WASHER, SEALING, M28.4 x 36 x 1.5, Copper,
16	5182020	2	HUB, , -C5201
16	87341366	2	HUB, , D5201-
17	4985063	2	DOWEL,
18	5186029	1	PIN,
19	5169911	1	BALL JOINT, 80mm ID
20	13413290	2	BREATHER,
21	5183085	1	PIN,

D5201 After Date 01 June 2005

1.40.4/10(02) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - GEARS AND DIFFERENTIAL AXLE

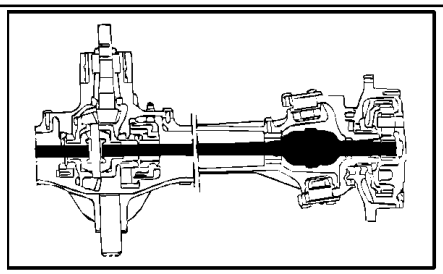




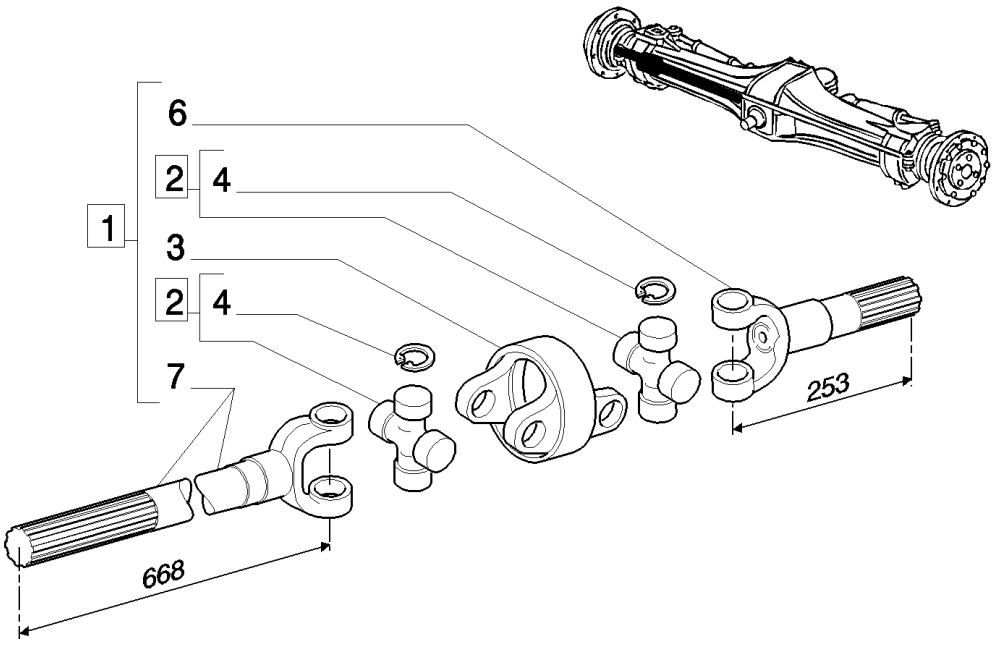
1.40.4/10(02) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - GEARS AND DIFFERENTIAL AXLE

Ref	Part Number	Qty	Description
1	5181947	1	AXLE-SHAFT, ARTICULATED, LH, TM155
1	5181946	1	AXLE-SHAFT, ARTICULATED, RH, TM155
2	11061376	4	RING, SNAP, M68, Int,
3	28042480	2	BEARING, BALL, 40 x 68 x 15
4	5109311	2	SEAL PROTECTION,
5	5105948	2	SEAL, 45X68X12
6	5183845	2	SEAL, 45X65X18,5
7	5123651	6	RING,
8	5181054	2	CARRIER,
9	4998022	12	WASHER, THRUST,
10	5102132	6	PINION, IDLER,
11	5101692	6	BEARING, ROLLER, 31,9X41,9X35,5
12	5181056	6	PIN,
13	5181054	2	CARRIER,
14	14274631	24	BOLT, Hex, M12 x 1.25 x 35,
15	5136819	2	GEAR, PLANETARY,
16	5191701	1	AXLE-SHAFT, ARTICULATED, LH, TM175, TM190
16	5191702	1	AXLE-SHAFT, ARTICULATED, RH, TM175, TM190
17	14326211	2	PLUG, Magnetic

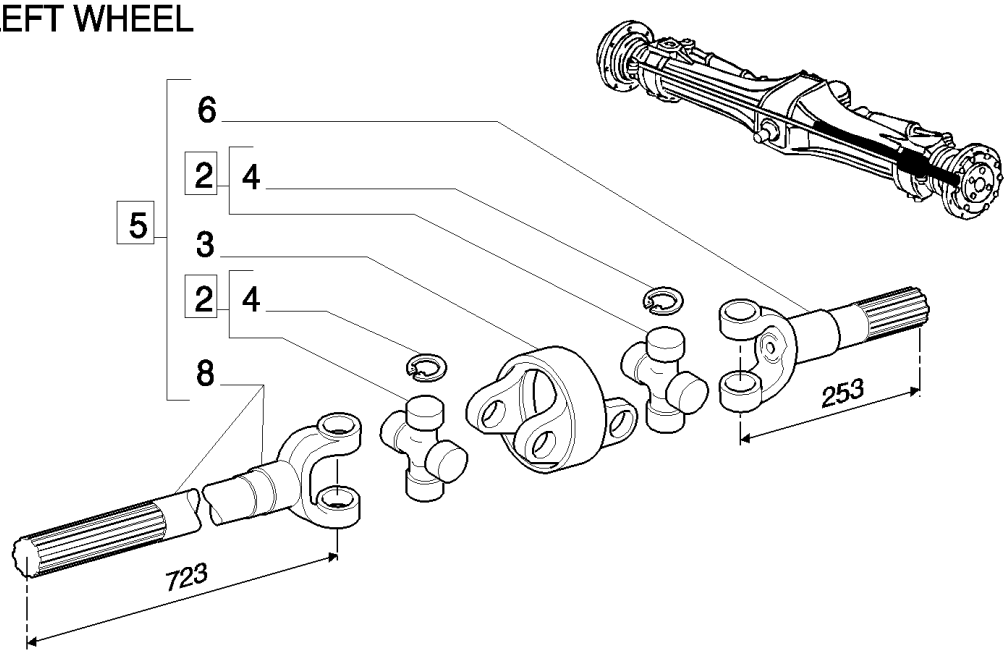
1.40.4/10C (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - ARTICULATED HALF-AXLE AND RELEVANT PARTS



FOR RIGHT WHEEL



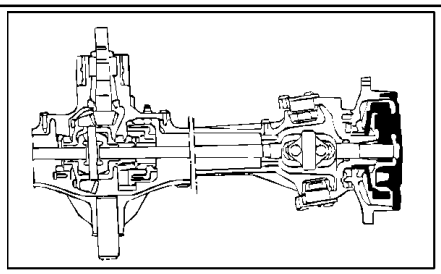
FOR LEFT WHEEL

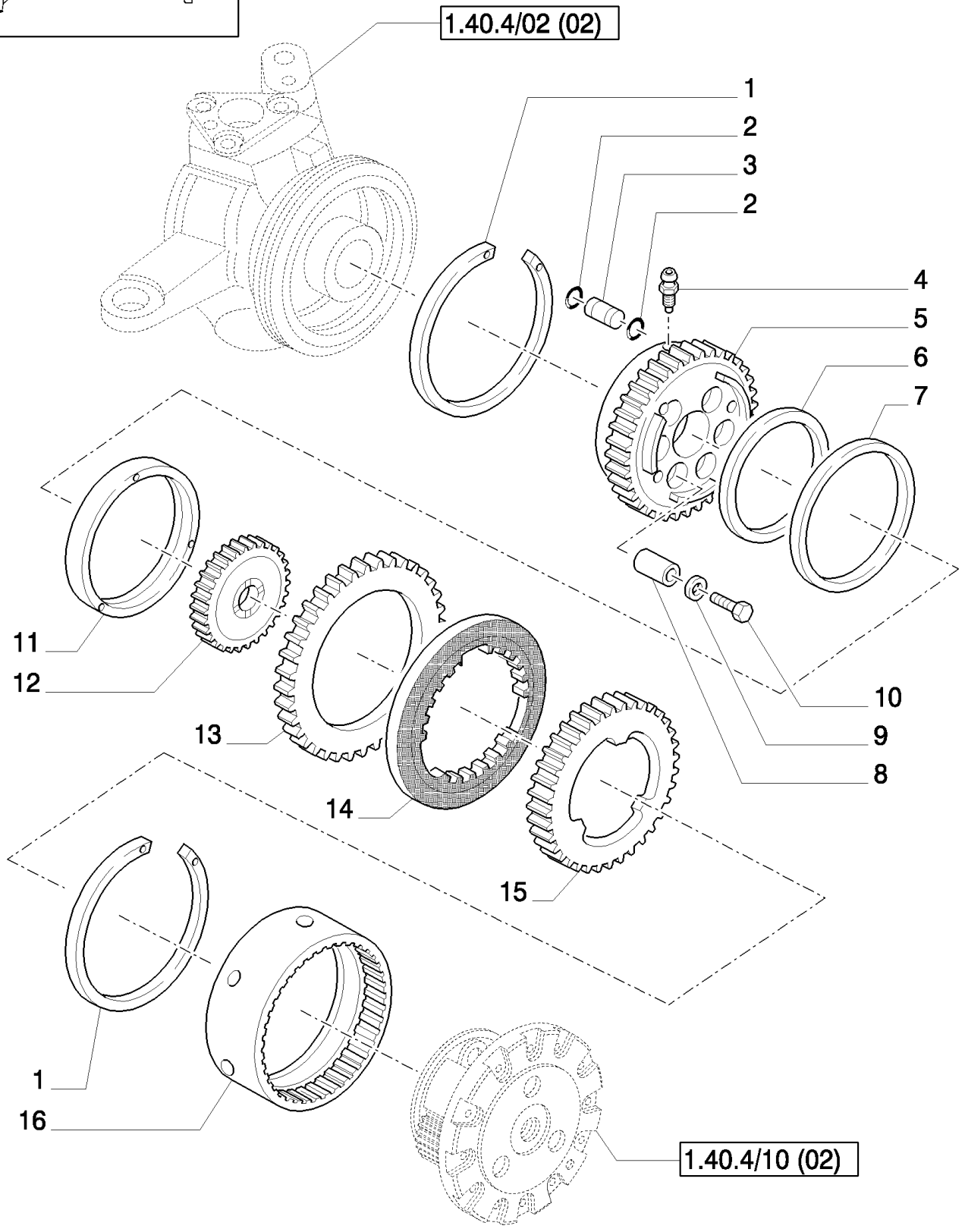


1.40.4/10C (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - ARTICULATED HALF-AXLE AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	5191702	1	AXLE-SHAFT, ARTICULATED, ASSY, RH
2	5191451	2	SPIDER,
3	87568624	1	SPIDER, U-JOINT,
4	5191452	8	RING, LOCKING,
5	5191701	1	AXLE-SHAFT, ARTICULATED, ASSY, LH
6	5192664	1	AXLE-SHAFT, ARTICULATED,
7	5192663	1	SHAFT,
8	5192662	1	SHAFT,

1.40.4/13(03) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - BRAKES

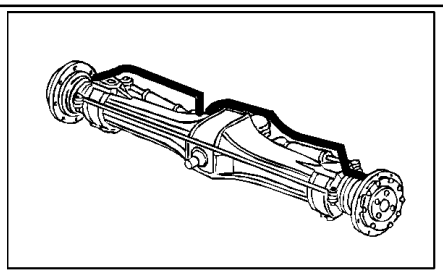


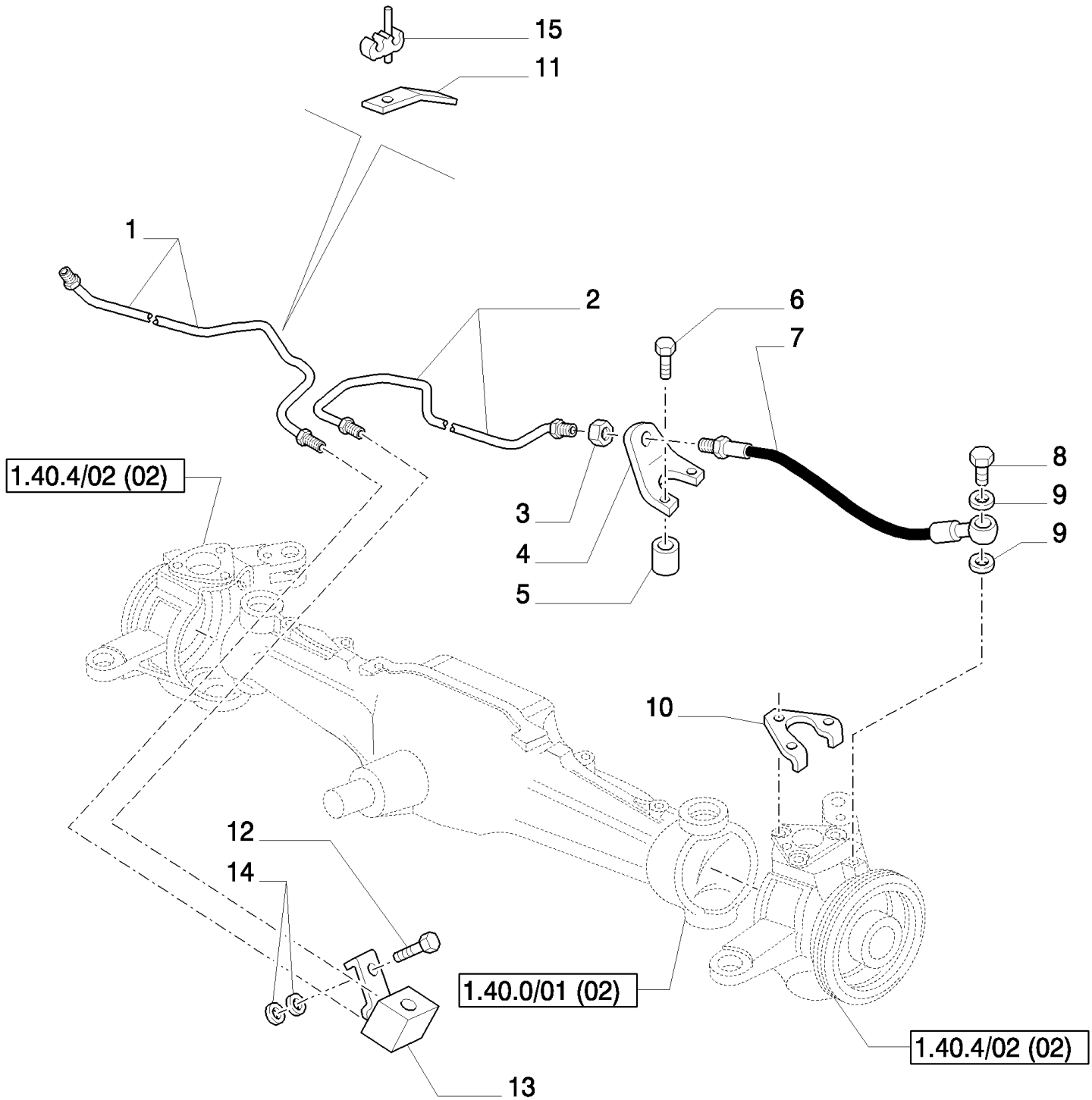


1.40.4/13(03) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - BRAKES

Ref	Part Number	Qty	Description
1	5178857	4	CIRCLIP,
2	14456981	4	O-RING, -111, Cl 7, .424" ID x .103" Thk,
3	5173504	2	PAWL,
4	5153030	2	SCREW, BLEED,
5	5181994	2	BELL HOUSING,
6	5181566	2	GASKET, 198,6X205,4X3,4
7	5178850	2	GASKET, 229,6X236,4X3,4
8	5179560	12	SLEEVE,
9	11200271	12	WASHER, LOCK,
10	16334430	12	BOLT, Hex, M16 x 1.5 x 60,
11	5181567	2	SPOOL,
12	5182010	2	HUB,
13	5178813	2	BRAKE DISC,
14	5178903	2	BRAKE DISC,
15	5181929	2	BRAKE DISC,
16	5181933	2	GEAR, RING,

1.40.4/13(04) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - BRAKES

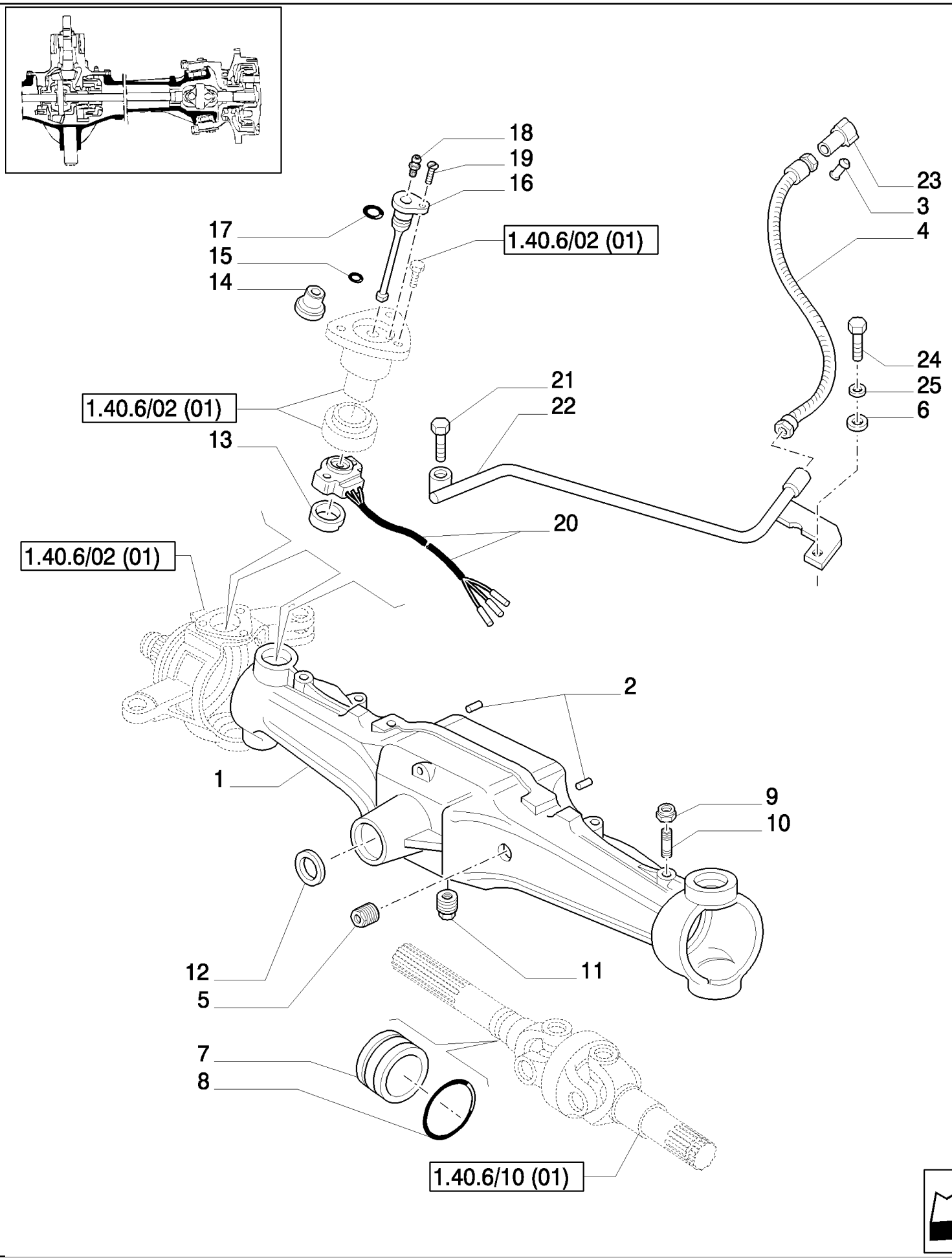




1.40.4/13(04) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - BRAKES

Ref	Part Number	Qty	Description
1	5182946	1	TUBE, RIGID, RH
2	5182948	1	TUBE, RIGID, LH
3	10718114	2	NUT, LOCK, M16 x 1, Cl 04,
4	5182969	1	BRACKET, LH
4	5182970	1	BRACKET, RH
5	5182910	3	SPACER,
6	15540924	3	BOLT, Hex, M12 x 1.25 x 55, 8.8,
7	5155700	2	HOSE, FLEXIBLE,
8	5155703	2	BOLT, BANJO, M12X1,25X22
9	2854292	4	GASKET,
10	5183165	2	BRACKET,
11	5182997	1	COLLAR, RETAINER,
12	14274834	1	BOLT, Hex, M12 x 1.25 x 45,
13	5182950	1	BRACKET,
14	10520004	2	WASHER, M12 x 22 x 3,
15	14575380	1	RETAINER,

1.40.6/01 (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - BOX



D5196 After Date 18 July 2005. (See also Fig. 1.40.6/02). D5243 After Date 19 September 2006. D5338 After Date 02 February 2006.

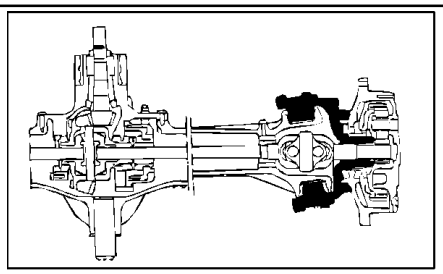
TM190 TRACTOR (6/02-) - Front Axle & Steering

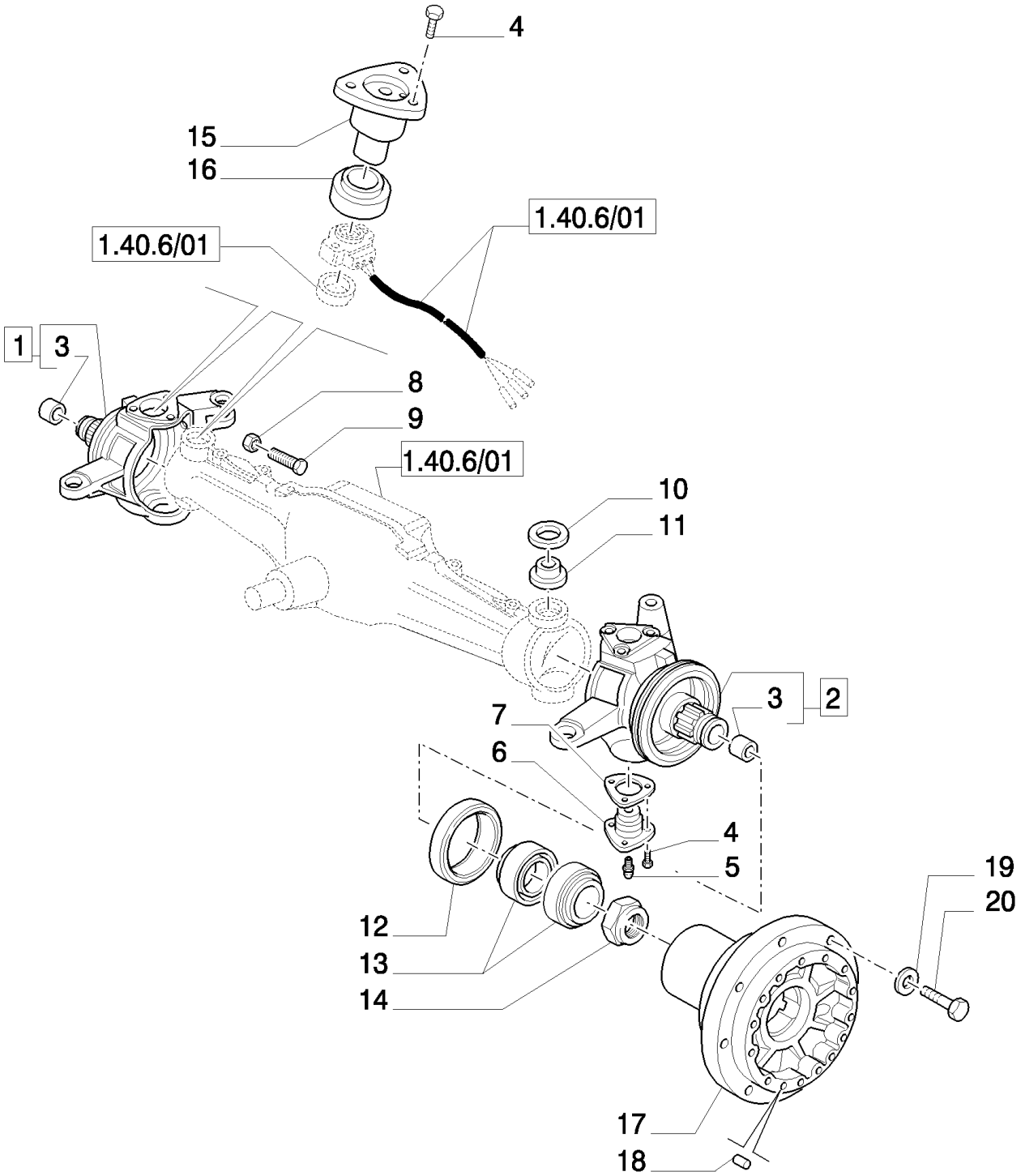
1.40.6/01 (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - BOX

Ref	Part Number	Qty	Description
1	47136868	1	BOX, , -C5196
1	82019691	1	SENSOR, , D5196-
2	5174376	2	DOWEL, 16 x 30
3	82918419	1	PLUG,
4	82016109	1	SHEATH, FLEXIBLE,
5	14324411	1	PLUG,
6	10519604	1	WASHER, M8 x 17 x 2,
7	5184555	2	SLEEVE, TM120, TM130, TM140, -C5338
7	87518052	2	SLEEVE, TM120, TM130, TM140, D5338-
7	5134277	2	SLEEVE, TM155, TM175, TM190, -C5243
7	87371236	2	BUSHING, TM155, TM175, TM190, D5243-
8	14461180	2	O-RING, -153, 70 Duro, 3.487" ID x .103" Thk, , -C5243
8	14465680	2	O-RING, -238, 70 Duro, 3.484" ID x .139" Thk, , D5243-
9	16101524	2	NUT, M12 x 1.25, Cl 10,
10	87316865	2	SCREW,
11	14326211	1	PLUG, Magnetic
12	5140888	1	RING,
13	5168958	1	SUPPORT, , -C5196
14	5175211	1	SLEEVE, , -C5196
15	14452780	1	O-RING, -010, 70 Duro, .239" ID x .070" Thk, , -C5196
16	5178653	1	PIN, , -C5196
17	14453081	1	O-RING, -013, Cl 7, .426" ID x .070" Thk, , -C5196
18	80087414	1	NIPPLE, LUBE, , -C5196
19	10384911	1	SCREW, , -C5196
20	82019691	1	SENSOR, STEERING ANGLE, -C5196
21	15540824	1	BOLT, Hex, M12 x 1.25 x 50, 8.8,
22	5191224	1	TUBE, RIGID,
23	82918426	1	CONNECTOR, ELEC, INCL. 3
24	16043424	1	SCREW, Hex, M8 x 20, 8.8, Full Thd,
25	11193874	1	WASHER, SPRING, Belleville, M8.4,

D5196 After Date 18 July 2005. (See also Fig. 1.40.6/02). D5243 After Date 19 September 2006. D5338 After Date 02 February 2006.

1.40.6/02(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - STEERING PIVOT PINS AND HUBS - C5



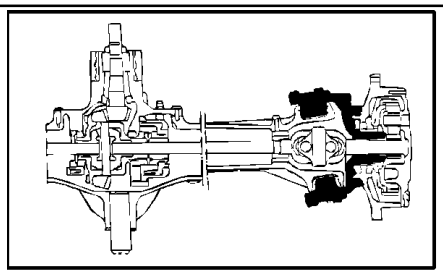


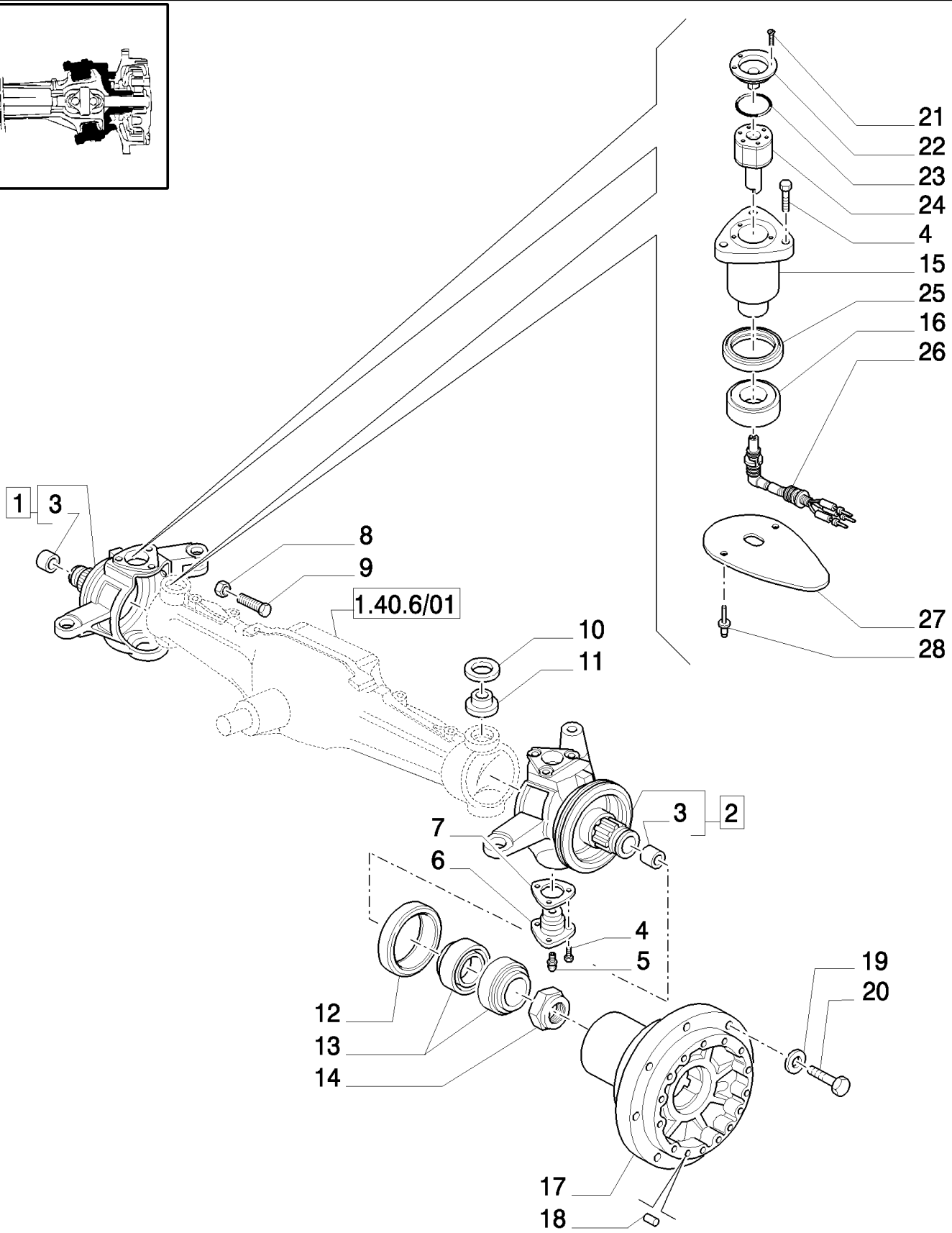
1.40.6/02(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - STEERING PIVOT PINS AND HUBS - C5

Ref	Part Number	Qty	Description
1	5171706	1	KNUCKLE, STEERING, RH, TM155
1	5198872	1	KNUCKLE, STEERING, RH, TM175, TM190
1	5198870	1	STUB AXLE/STRG. SPINDLE, LH, TM175, TM190
2	5171704	1	KNUCKLE, STEERING, LH, TM155
3	5105321	2	BUSHING, 45 x 50 x 30
4	14254431	12	BOLT, Hex, M14 x 1.5 x 30,
5	5120532	2	NIPPLE, LUBE, M14 x 1.5,
5	5191671	1	NIPPLE, LUBE, 45є, M14 x 1.5,
6	5137138	3	PIN, BALL,
7	5137114	AR	SHIM, .10mm Thk,
7	5137115	AR	SHIM, .15mm Thk,
8	10717611	2	NUT, Thin, M18 x 2.5, Cl 04,
9	5179447	2	SCREW,
10	5121907	4	SEAL,
11	5119660	3	BALL JOINT,
12	5178141	2	SEAL, 190 x 220 x 14,5-18
13	5133737	4	BEARING, ROLLER, TAPERED, 109,538 x 158,750 x 23,02
14	5141692	2	NUT, RING, M90 x 2
15	5175208	1	PIN,
16	5169911	1	BALL JOINT, 80mm ID
17	5156065	2	HUB,
18	4985063	4	DOWEL,
19	5100516	16	WASHER, 17 x 32 x 5
20	11390534	16	BOLT, Hex, M16 x 40, 10.9, Full Thd,

C5196 Before Date 18 July 2005

1.40.6/02(02A) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - STEERING PIVOT PINS AND HUBS - D





D5196 After Date 18 July 2005. D5201 After Date 01 June 2005.

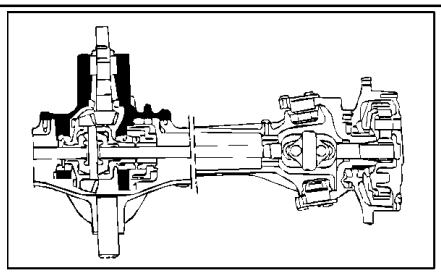
TM190 TRACTOR (6/02-) - Front Axle & Steering

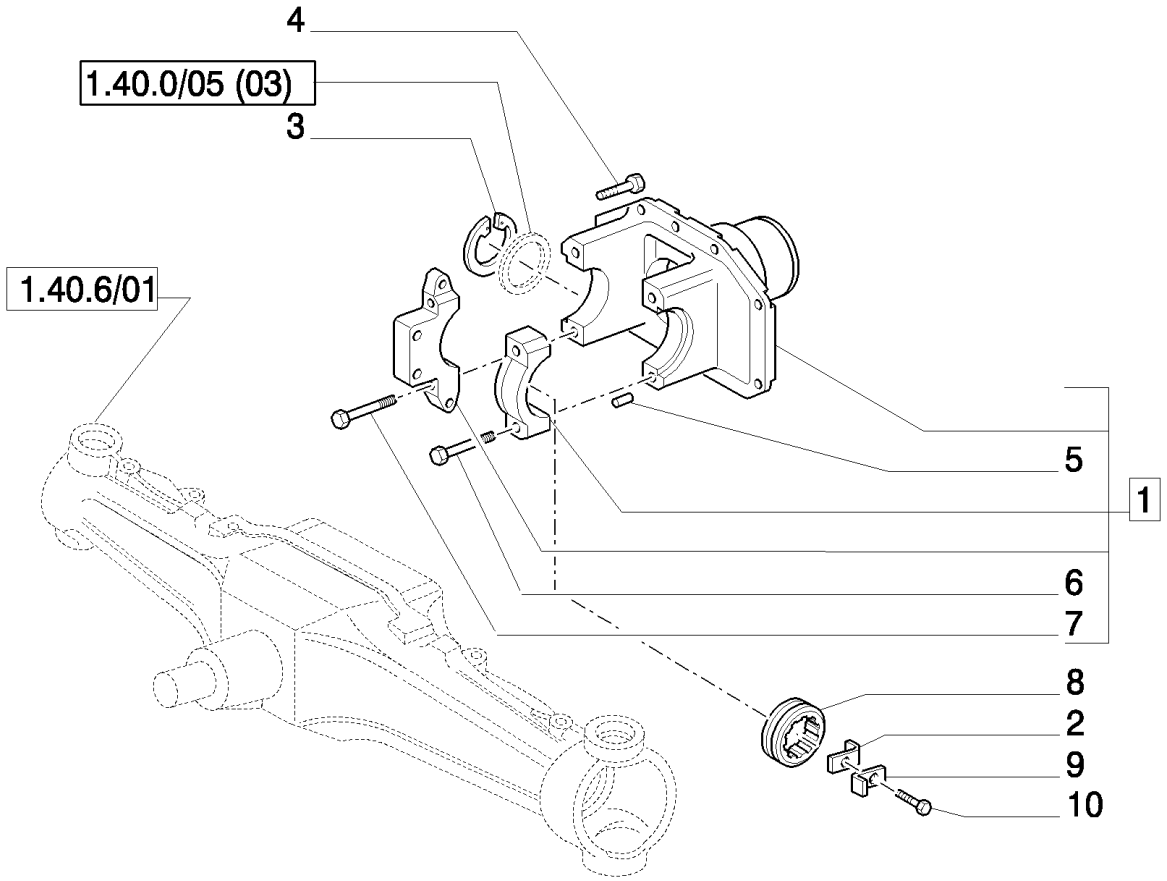
1.40.6/02(02A) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - STEERING PIVOT PINS AND HUBS - D

Ref	Part Number	Qty	Description
1	5171706	1	KNUCKLE, STEERING, RH, TM155
1	5198872	1	KNUCKLE, STEERING, RH, TM175, TM190
1	5198870	1	STUB AXLE/STRG. SPINDLE, LH, TM175, TM190
2	5171704	1	KNUCKLE, STEERING, LH, TM155
3	5105321	2	BUSHING, 45 x 50 x 30
4	14254431	12	BOLT, Hex, M14 x 1.5 x 30,
5	5120532	2	NIPPLE, LUBE, M14 x 1.5,
5	5191671	1	NIPPLE, LUBE, 45є, M14 x 1.5,
6	5137138	3	PIN, BALL,
7	5137114	AR	SHIM, .10mm Thk,
7	5137115	AR	SHIM, .15mm Thk,
8	10717611	2	NUT, Thin, M18 x 2.5, Cl 04,
9	5179447	2	SCREW,
10	5121907	4	SEAL,
11	5119660	3	BALL JOINT,
12	5178141	2	SEAL, 190X220X14,5-18
13	5133737	4	BEARING, ROLLER, TAPERED, 109,538X158,750X23,02
14	5141692	2	NUT, RING, M90X2
15	87309308	1	PIN, BALL,
16	47137676	1	BALL JOINT,
17	5156065	2	HUB, , -C5201
17	87341364	2	HUB, , D5201-
18	4985063	4	DOWEL,
19	5100516	16	WASHER, 17X32X5
20	11390534	16	BOLT, Hex, M16 x 40, 10.9, Full Thd,
21	10384911	3	SCREW,
22	87309292	1	PIN,
23	14458280	1	O-RING, -124, 70 Duro, 1.237" ID x .103" Thk,
24	87303761	1	SENSOR, STEERING
25	47137701	1	SEAL,
26	87303770	1	CONNECTOR, ELEC,
27	87315098	1	SHIELD,
28	14643091	2	RIVET,

D5196 After Date 18 July 2005. D5201 After Date 01 June 2005.

1.40.6/05(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - SUPPORT

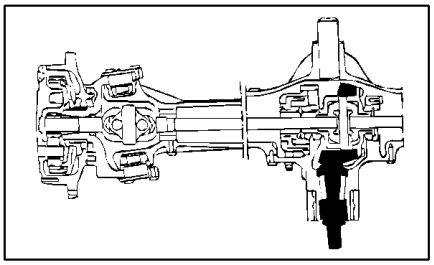


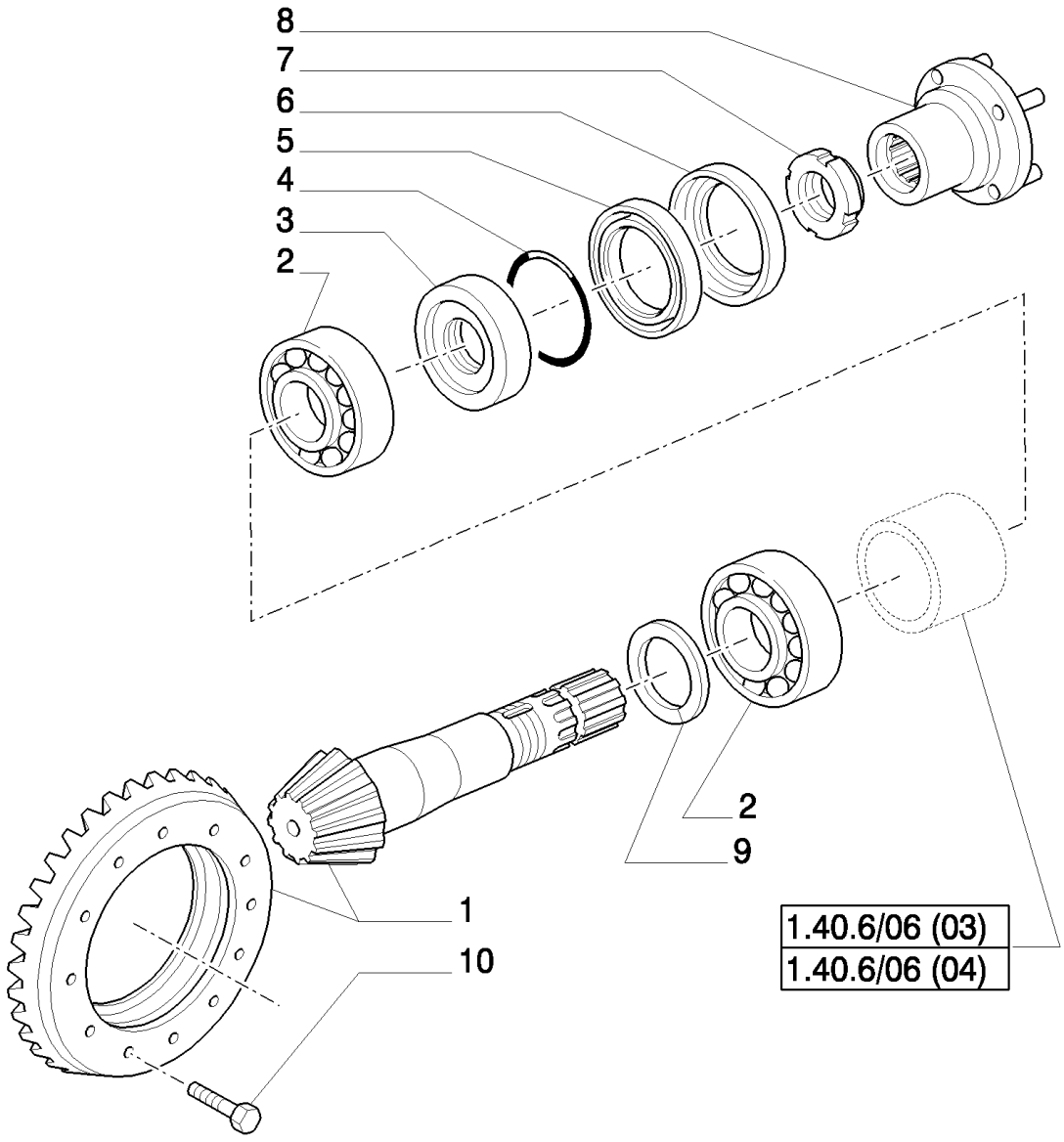


1.40.6/05(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - SUPPORT

Ref	Part Number	Qty	Description
1	5190844	1	SUPPORT,
2	4966243	1	CLIP,
3	11075476	1	RING, SNAP, M110, Int,
4	16217734	16	BOLT, Hex, M16 x 50,
4	14360524	4	SCREW, Hex Soc Hd, M12 x 1.25 x 20, 8.8,
5	4966530	4	DOWEL, 6X18
6	14255330	2	SCREW, M14X1,5X75
7	14255731	2	BOLT, Hex, M14 x 1.5 x 90,
8	5110423	1	NUT, RING, M115X15
9	562659	1	PLATE,
10	15970524	1	BOLT, Hex, M10 x 1.25 x 20, 8.8, Full Thd,

1.40.6/06(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - BEVEL GEAR PAIR

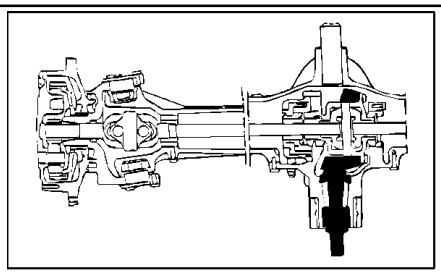


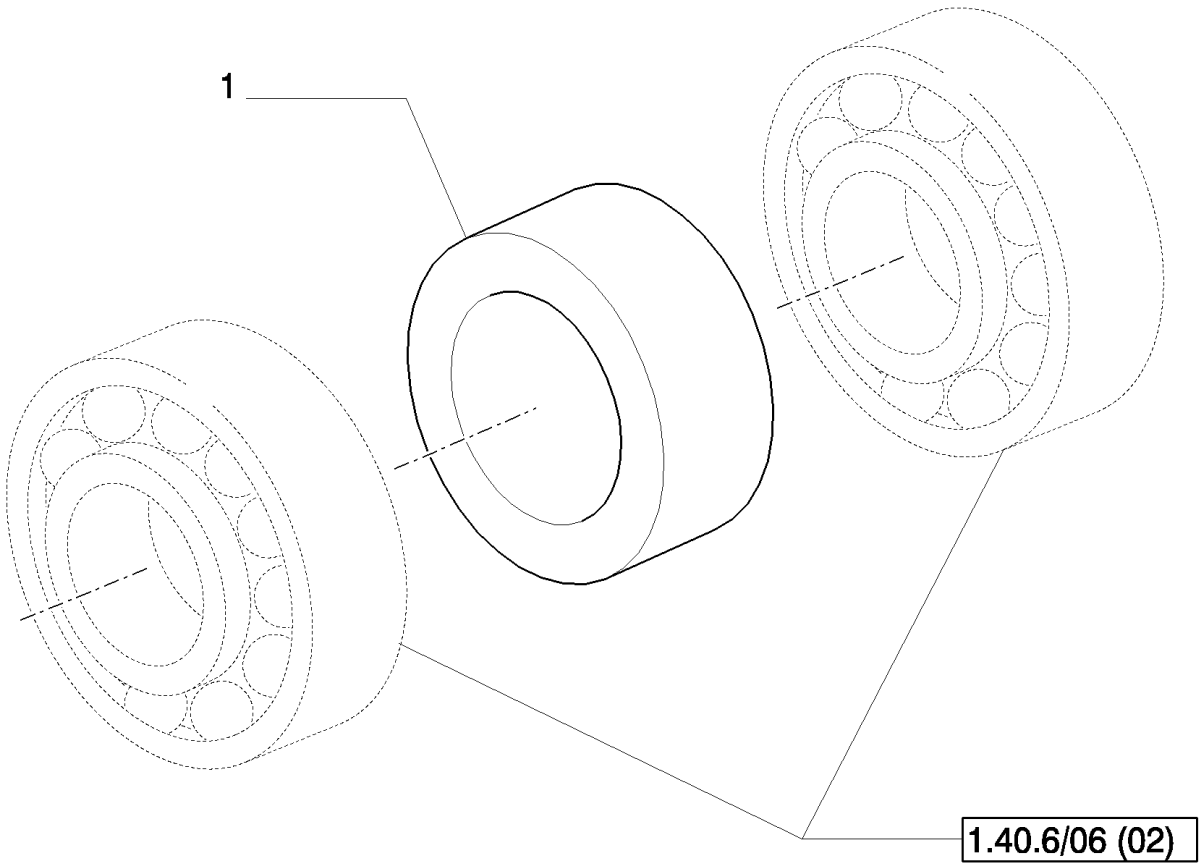


1.40.6/06(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - BEVEL GEAR PAIR

Ref	Part Number	Qty	Description
1	5179445	1	GEAR, BEVEL, RATIO 10/34
2	5141714	2	BEARING ASSY, 45 x 100 x 38,25
3	5179417	1	RING,
4	14459080	1	O-RING, -131, 70 Duro, 1.737" ID x .103" Thk,
5	5119262	1	SEAL, 80 x 110 x 12
6	5179995	1	CUP,
7	5111953	1	NUT, M24 x 2
8	5190345	1	FLANGE,
9	7888012	AR	RING, MM.45,1 x 58 x 0,5
9	5121690	AR	RING, M45.1 x 58 x 2.3,
9	5121691	AR	RING, M45.1 x 58 x 2.4,
9	4999063	AR	RING, M45.1 x 58 x 2.5,
9	4999064	AR	RING, M45.1 x 58 x 2.6 ,
9	4999065	AR	RING, M45.1 x 58 x 2.7 ,
9	4999066	AR	RING, M45.1 x 58 x 2.8,
9	4999067	AR	RING, M45.1 x 58 x 2.9 ,
10	14274631	12	BOLT, Hex, M12 x 1.25 x 35,

1.40.6/06(03) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - BEVEL GEAR PAIR

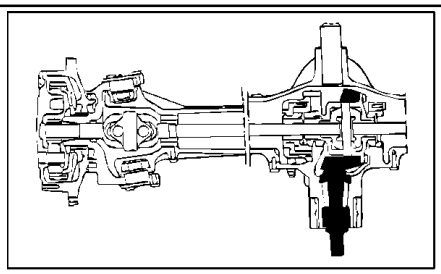


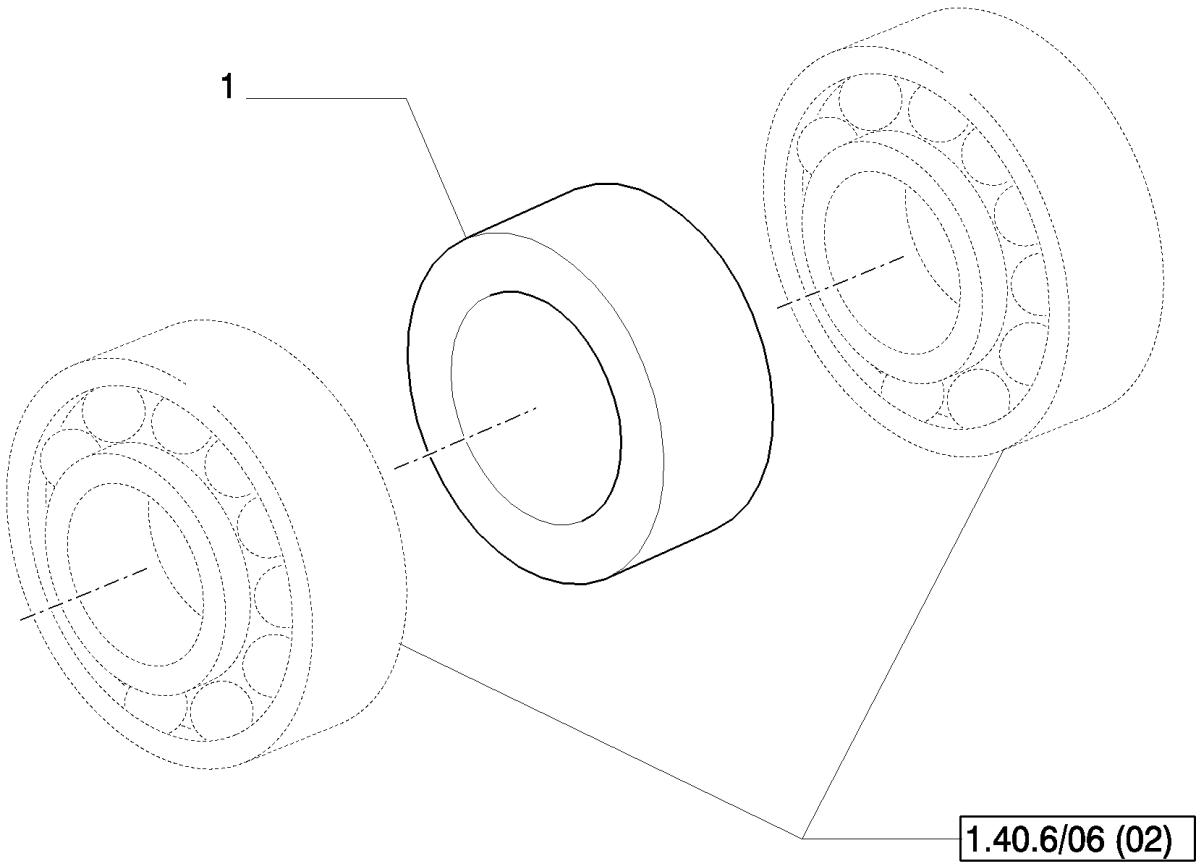


1.40.6/06(03) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - BEVEL GEAR PAIR

Ref	Part Number	Qty	Description
1	5179957	AR	SHIM, 19.400mm Thk,
1	5179959	AR	SHIM, 19.425mm Thk,
1	5179960	AR	SHIM, 19.450mm Thk,
1	5179961	AR	SHIM, 19.475mm Thk,
1	5179962	AR	SHIM, 19.500mm Thk,
1	5179963	AR	SHIM, 19.525mm Thk,
1	5179964	AR	SHIM, 19.550mm Thk,
1	5179965	AR	SHIM, 19.575mm Thk,
1	5179966	AR	SHIM, 19.600mm Thk,
1	5179967	AR	SHIM, 19.625mm Thk,
1	5179968	AR	SHIM, 19.650mm Thk,
1	5179969	AR	SHIM, 19.675mm Thk,
1	5179970	AR	SHIM, 19.700mm Thk,
1	5179971	AR	SHIM, 19.725mm Thk,
1	5179972	AR	SHIM, 19.750mm Thk,
1	5179973	AR	SHIM, 19.775mm Thk,
1	5179974	AR	SHIM, 19.800mm Thk,
1	5179975	AR	SHIM, 19.825mm Thk,

1.40.6/06(04) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - BEVEL GEAR PAIR

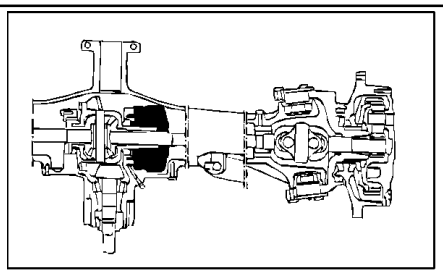


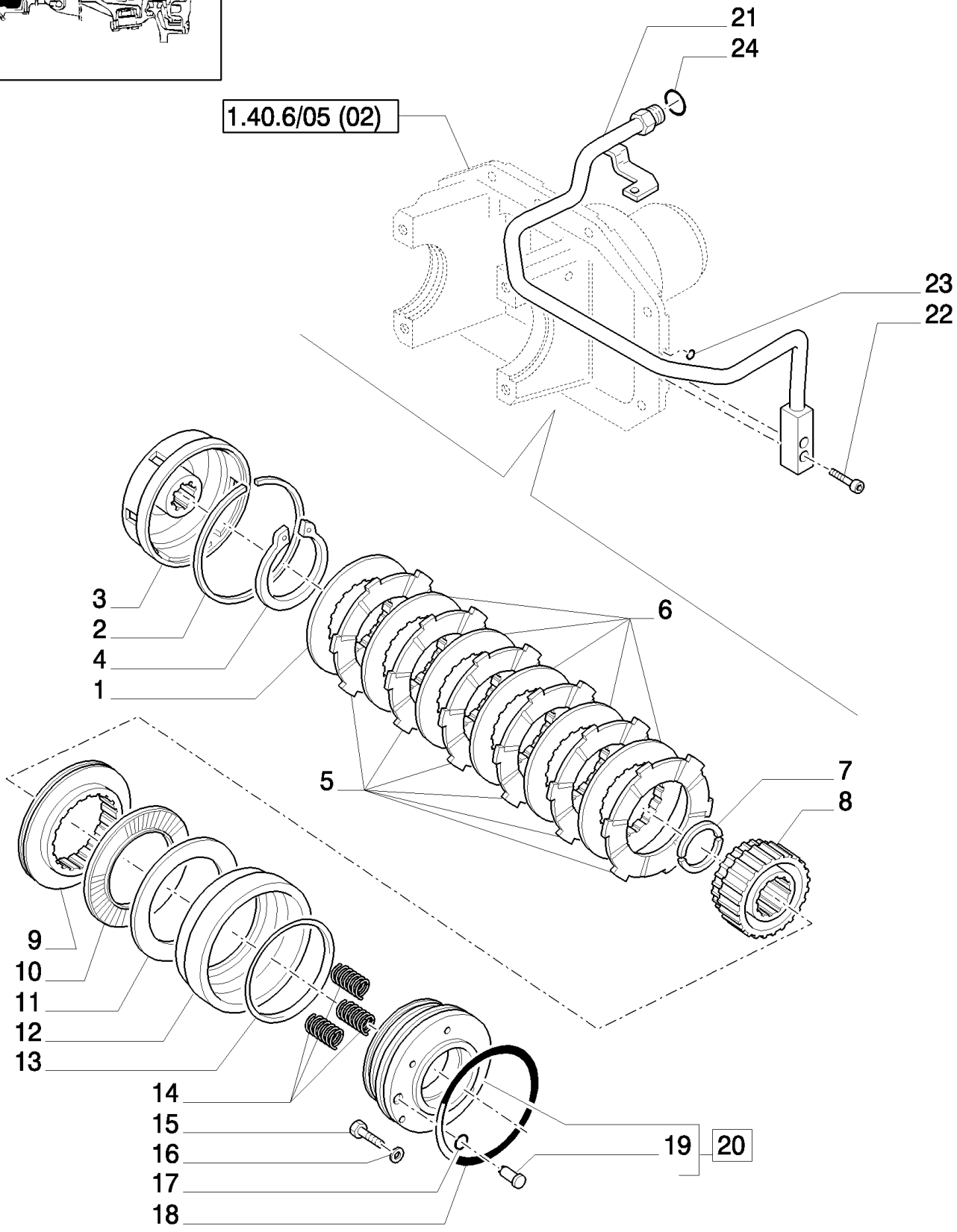


1.40.6/06(04) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - BEVEL GEAR PAIR

Ref	Part Number	Qty	Description
1	5179976	AR	SHIM, 19.850mm Thk,
1	5179977	AR	SHIM, 19.875mm Thk,
1	5179978	AR	SHIM, 19.900mm Thk,
1	5179979	AR	SHIM, 19.925mm Thk,
1	5179980	AR	SHIM, 19.950mm Thk,
1	5179981	AR	SHIM, 19.975mm Thk,
1	5179982	AR	SHIM, 20.000mm Thk,
1	5179983	AR	SHIM, 20.025mm Thk,
1	5179984	AR	SHIM, 20.050mm Thk,
1	5179985	AR	SHIM, 20.075mm Thk,
1	5179986	AR	SHIM, 20.100mm Thk,
1	5179987	AR	SHIM, 20.125mm Thk,
1	5179988	AR	SHIM, 20.150mm Thk,
1	5179989	AR	SHIM, 20.175mm Thk,
1	5179990	AR	SHIM, 20.200mm Thk,
1	5179991	AR	SHIM, 20.225mm Thk,
1	5179992	AR	SHIM, 20.250mm Thk,
1	5179993	AR	SHIM, 20.275mm Thk,
1	5179994	AR	SHIM, 20.300mm Thk,

1.40.6/09(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - HYDRAULIC DIFFERENTIAL LOCK



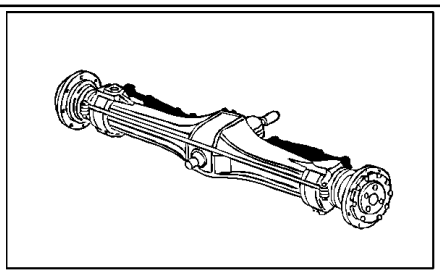


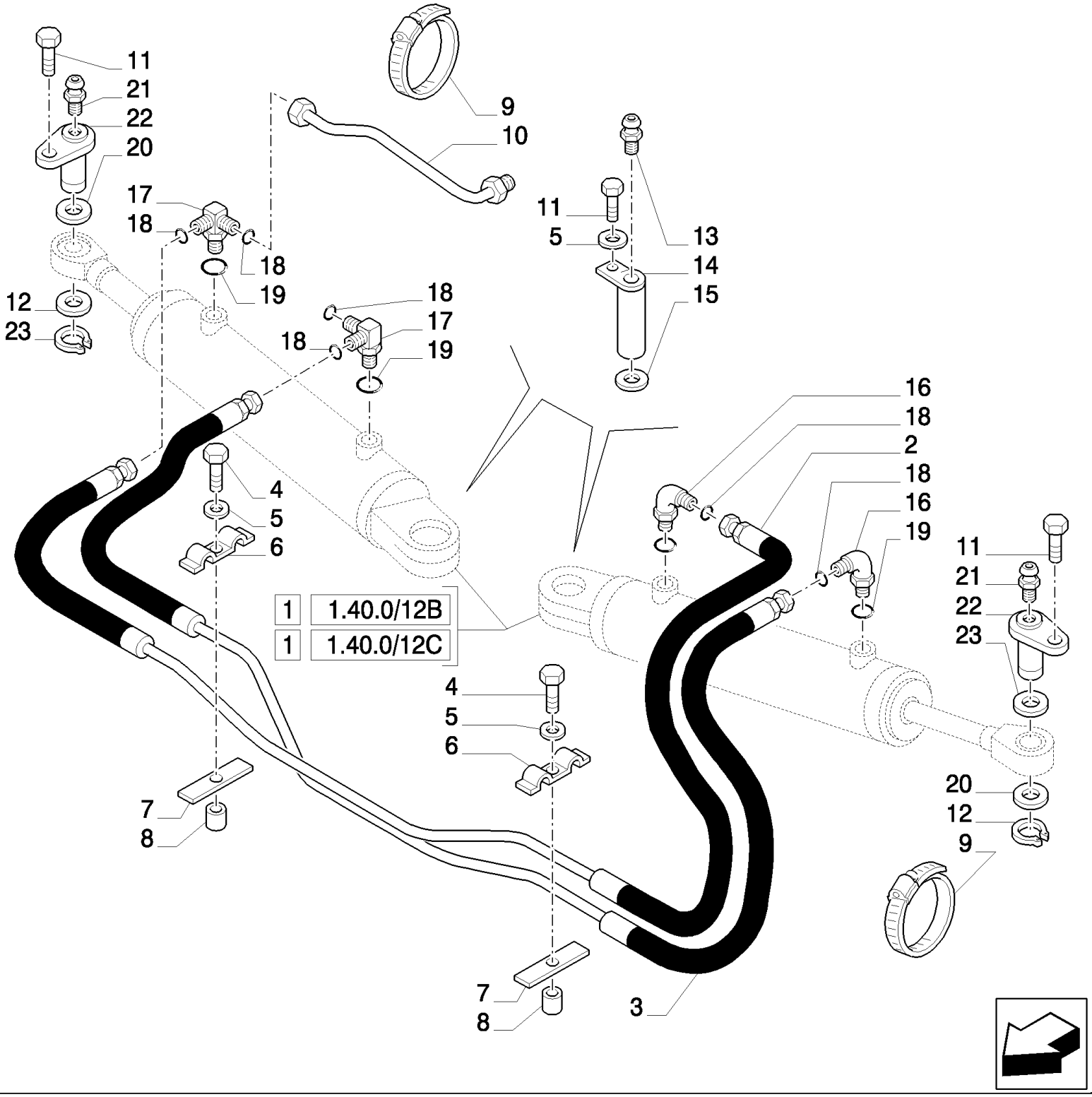
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.6/09(02) (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - HYDRAULIC DIFFERENTIAL LOCK

Ref	Part Number	Qty	Description
1	5141750	1	CLUTCH, PLATE,
2	5134095	1	RING, LOCKING, D=200
3	5134083	1	HOUSING,
4	11083176	1	RING, SNAP, M125, Ext,
5	5198090	6	CLUTCH, PLATE,
6	5198088	5	CLUTCH, PLATE,
7	5135032	1	HALF-RING,
8	5134099	1	HUB,
9	5144582	1	DISC,
10	5134174	1	BEARING, ROLLER,
11	5134175	1	WASHER, THRUST, 140X180X1
12	5134093	1	PLUNGER,
13	5140120	1	O-RING, 2,62X145,72
14	5120761	3	SPRING,
15	14306524	5	SCREW, Hex Soc Hd, M8 x 30, 8.8,
16	10569374	5	WASHER, LOCK, M8
17	14452881	1	O-RING, -011, Cl 7, .301" ID x .070" Thk,
18	5140121	1	O-RING, 2,62X171,12
19	5148467	1	PIN,
20	5148468	1	FLANGE,
21	5188462	1	TUBE, RIGID,
22	14306321	1	SCREW, Hex Soc Hd, M8 x 20, 8.8,
23	14453081	1	O-RING, -013, Cl 7, .426" ID x .070" Thk,
24	5185510	1	O-RING, 1,78 x 9,25

1.40.6/12 (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - POWER STEERING CYLINDER



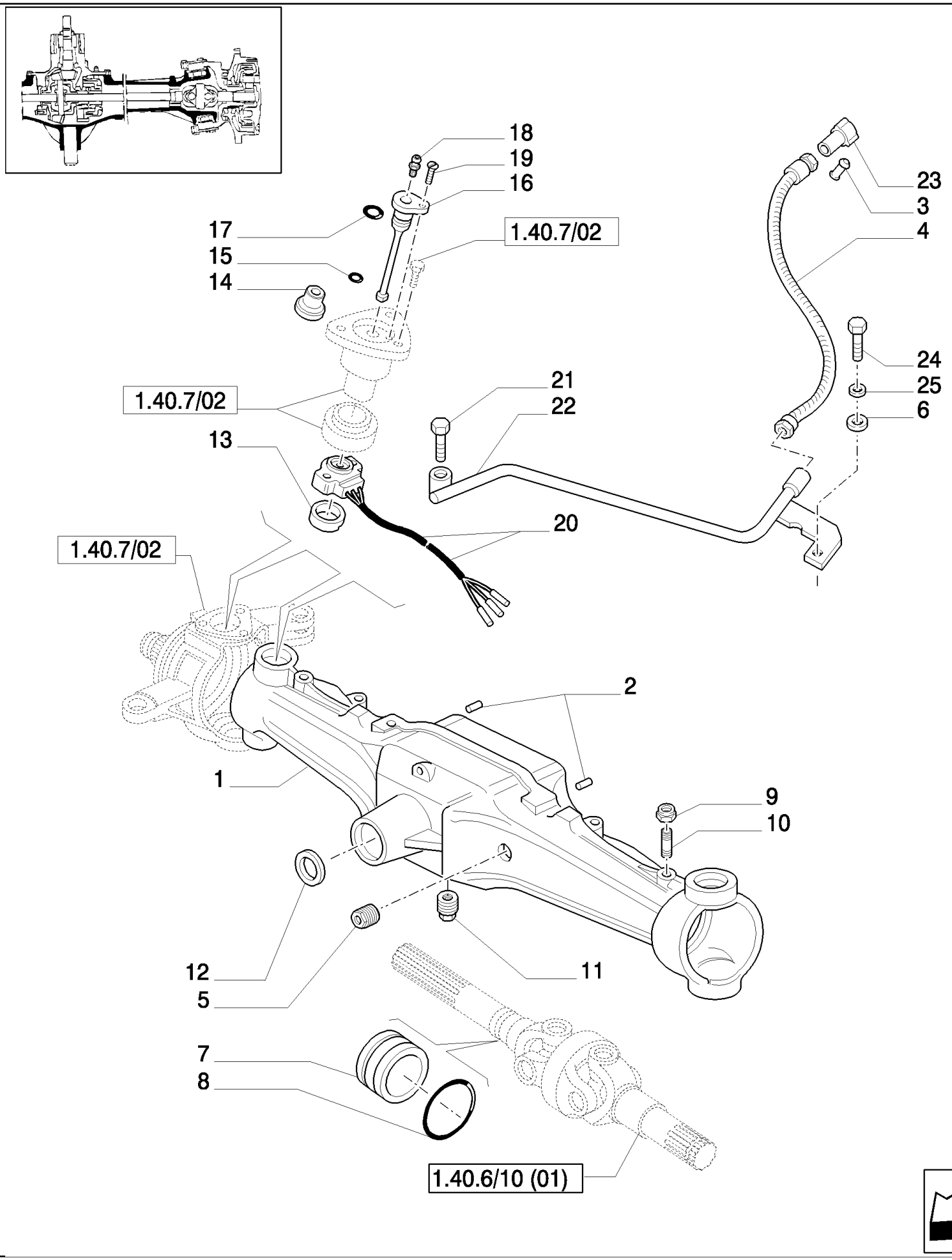


TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.6/12 (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - POWER STEERING CYLINDER

Ref	Part Number	Qty	Description
1	5164022	2	CYLINDER STEERING, TM120, TM130, TM140, TM155
1	5198883	2	CYLINDER STEERING, TM175, TM190
2	5188440	1	HOSE, FLEXIBLE, RH
3	5188439	1	HOSE, FLEXIBLE, LH
4	16043824	3	BOLT, Hex, M8 x 30, 8.8, Full Thd,
5	11193874	4	WASHER, SPRING, Belleville, M8.4,
6	5188504	2	BRACKET,
7	5188503	2	BRACKET,
8	13605811	2	SPACER, M8.5 x 18 x 10,
9	13000990	2	CLAMP, HOSE,
10	5188452	1	TUBE, RIGID,
11	16043424	3	SCREW, Hex, M8 x 20, 8.8, Full Thd,
12	11067376	2	RING, SNAP, M25, Ext,
13	5191671	2	NIPPLE, LUBE, 45є, M14 x 1.5,
14	5198013	2	PIN,
15	5111576	2	SPACER, M25.5 x 34 x 11,
16	47127165	2	ELBOW,
17	5188443	2	CONNECTOR, HYD.,
18	5185510	6	O-RING, 1,78 x 9,25
19	14437785	4	O-RING, 11.3MM ID x 2.4 Thk,
20	5111573	4	WASHER, LOCK, 25,5X34
21	87414	2	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
22	5171707	2	PIN,

1.40.7/01 (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BOX



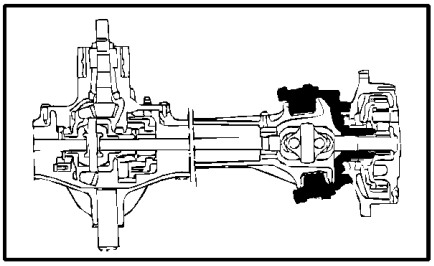
D5196 After Date 18 July 2005. (See also Fig. 1.40.7/02). D5243 After Date 19 September 2006. D5338 After Date 02 February 2006.

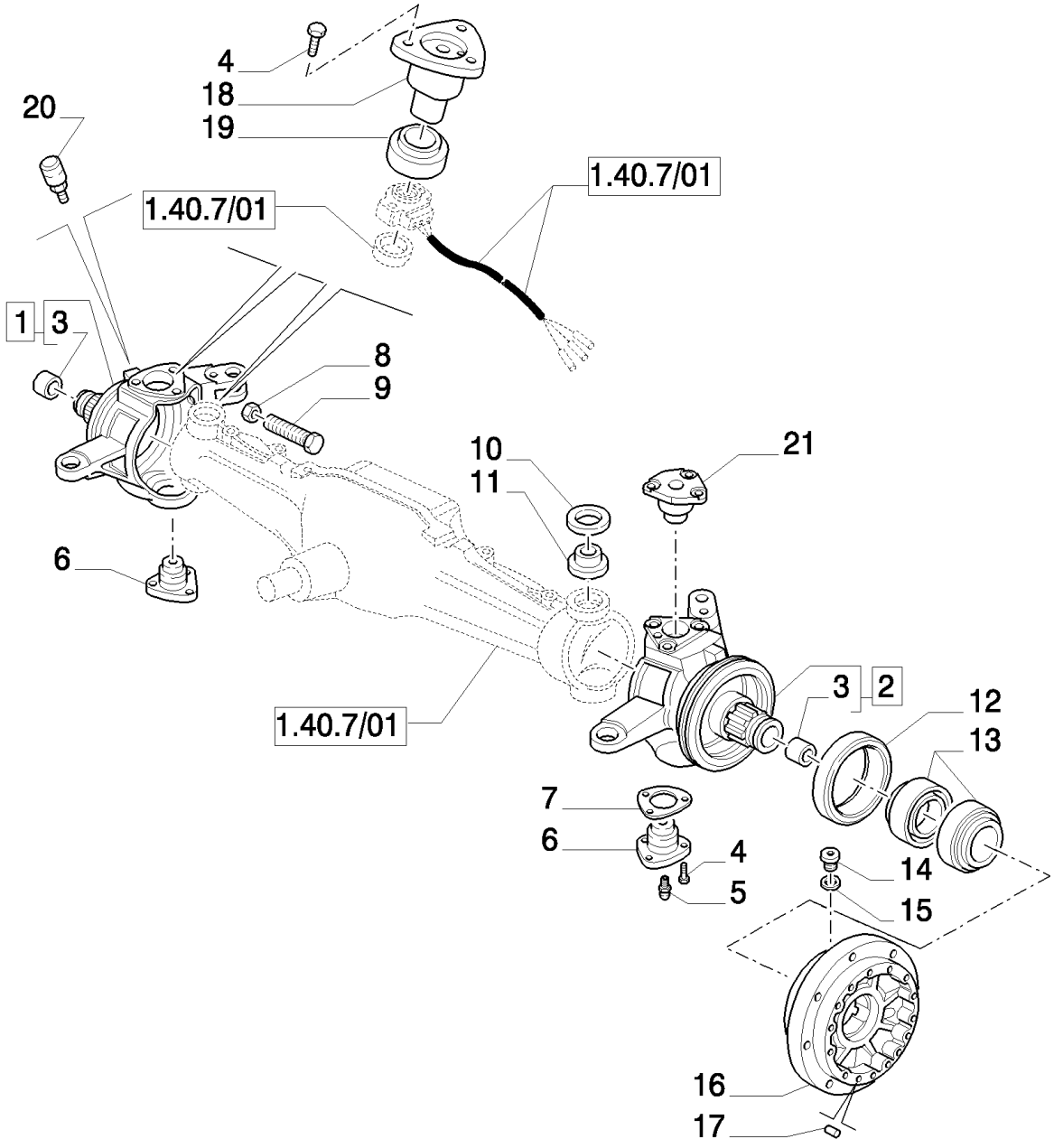
1.40.7/01 (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BOX

Ref	Part Number	Qty	Description
1	47136868	1	BOX, , -C5196
1	87307363	1	BOX, , D5196-
2	5174376	2	DOWEL, 16 x 30
3	82918419	1	PLUG,
4	82016109	1	SHEATH, FLEXIBLE,
5	14324411	1	PLUG,
6	10519604	1	WASHER, M8 x 17 x 2,
7	5184555	2	SLEEVE, TM120, TM130, TM140, -C5338
7	87518052	2	SLEEVE, TM120, TM130, TM140, D5338-
7	5134277	2	SLEEVE, TM155, TM175, TM190, -C5243
7	87371236	2	BUSHING, TM155, TM175, TM190, D5243-
8	14461180	2	O-RING, -153, 70 Duro, 3.487" ID x .103" Thk, , -C5243
8	14465680	2	O-RING, -238, 70 Duro, 3.484" ID x .139" Thk, , D5243-
9	16101524	2	NUT, M12 x 1.25, Cl 10,
10	87316865	2	SCREW,
11	14326211	1	PLUG, Magnetic
12	5140888	1	RING,
13	5168958	1	SUPPORT, , -C5196
14	5175211	1	SLEEVE, , -C5196
15	14452780	1	O-RING, -010, 70 Duro, .239" ID x .070" Thk, , -C5196
16	5178653	1	PIN, , -C5196
17	5135732	1	O-RING, -013, Cl 9, .426" ID x .070" Thk, , -C5196
18	80087414	1	NIPPLE, LUBE, , -C5196
19	10384911	1	SCREW, , -C5196
20	82019691	1	SENSOR, STEERING ANGLE, -C5196
21	15540824	1	BOLT, Hex, M12 x 1.25 x 50, 8.8,
22	5191224	1	TUBE, RIGID,
23	82918426	1	CONNECTOR, ELEC, Incl. Ref. 3
24	16043424	1	SCREW, Hex, M8 x 20, 8.8, Full Thd,
25	11193874	1	WASHER, SPRING, Belleville, M8.4,

D5196 After Date 18 July 2005. (See also Fig. 1.40.7/02). D5243 After Date 19 September 2006. D5338 After Date 02 February 2006.

1.40.7/02(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - STEERING PIVOT PINS - C519



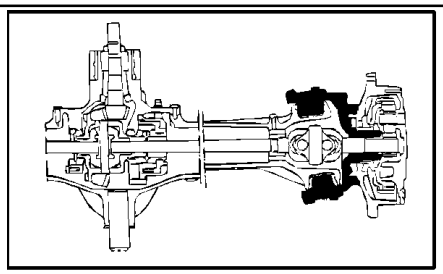


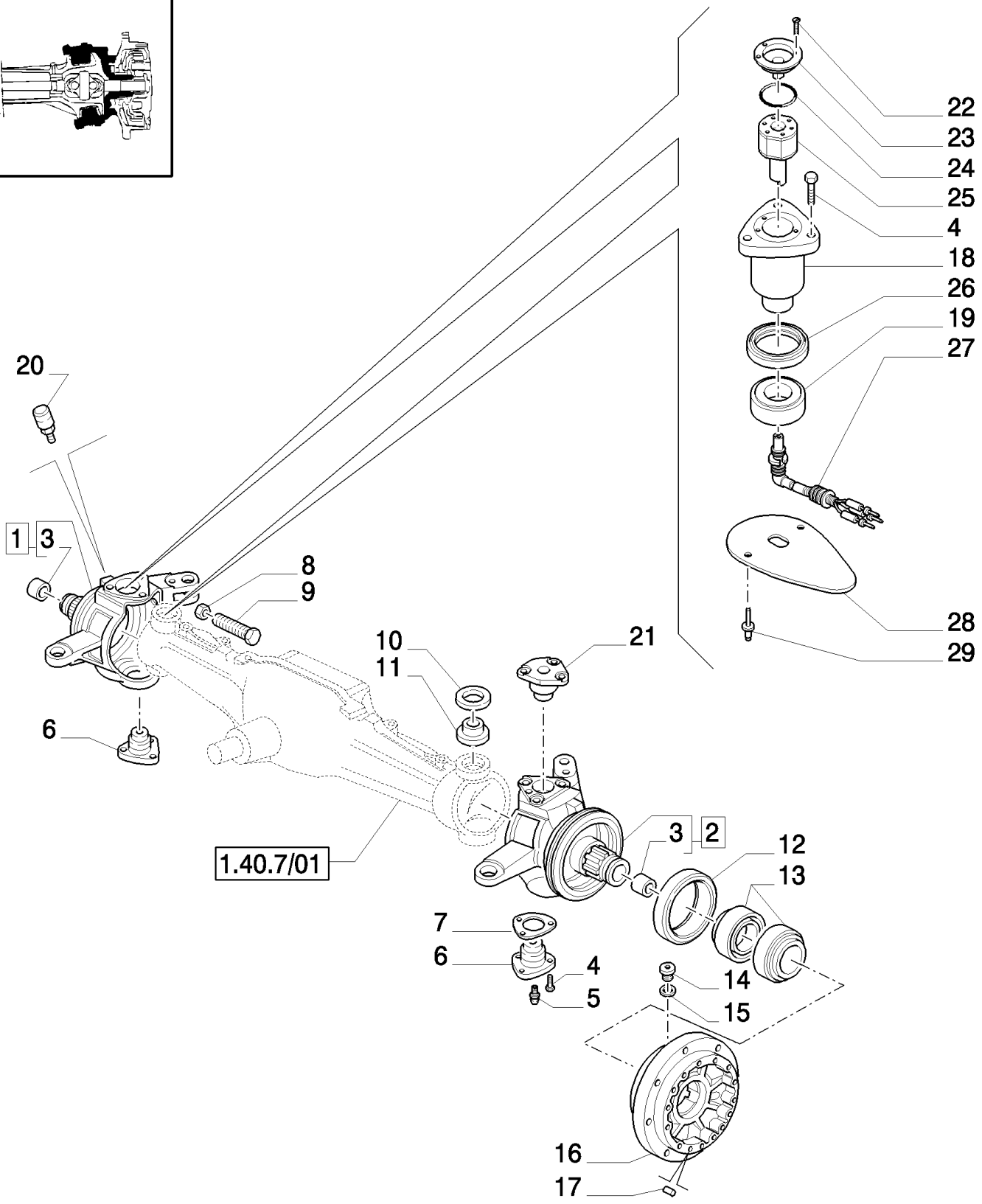
1.40.7/02(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - STEERING PIVOT PINS - C519

Ref	Part Number	Qty	Description
1	5182002	1	STUB AXLE/STRG. SPINDLE, RH, TM155
1	5198876	1	STUB AXLE/STRG. SPINDLE, RH, TM175, TM190
2	5182000	1	STUB AXLE/STRG. SPINDLE, LH, TM155
2	5198874	1	KNUCKLE, STEERING, LH, TM175, TM190
3	5105321	2	BUSHING, 45 x 50 x 30
4	14254431	6	BOLT, Hex, M14 x 1.5 x 30,
4	14254534	6	BOLT, Hex, M14 x 1.5 x 35,
5	5120532	2	NIPPLE, LUBE, M14 x 1.5,
5	5191671	1	NIPPLE, LUBE, 45є, M14 x 1.5,
6	5137138	2	PIN, BALL,
7	5137114	AR	SHIM, .10mm Thk,
7	5137115	AR	SHIM, .15mm Thk,
8	10717611	2	NUT, Thin, M18 x 2.5, Cl 04,
9	5179447	2	SCREW, M18X120
10	5121907	4	SEAL,
11	5119660	3	BALL JOINT,
12	5178141	2	SEAL, 190X220X14,5-18
13	87303827	4	BEARING ASSY,
14	10278301	2	PLUG, M28 x 1.5 x 11, Brass,
15	10282260	2	WASHER, SEALING, M28.4 x 36 x 1.5, Copper,
16	5182020	2	HUB,
17	4985063	2	DOWEL,
18	5186029	1	PIN,
19	5169911	1	BALL JOINT, 80mm ID
20	13413290	2	BREATHER,
21	5183085	1	PIN,

C5196 Before Date 18 July 2005

1.40.7/02(02A) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - STEERING PIVOT PINS - D51





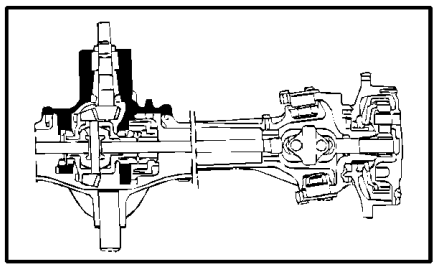
TM190 TRACTOR (6/02-) - Front Axle & Steering

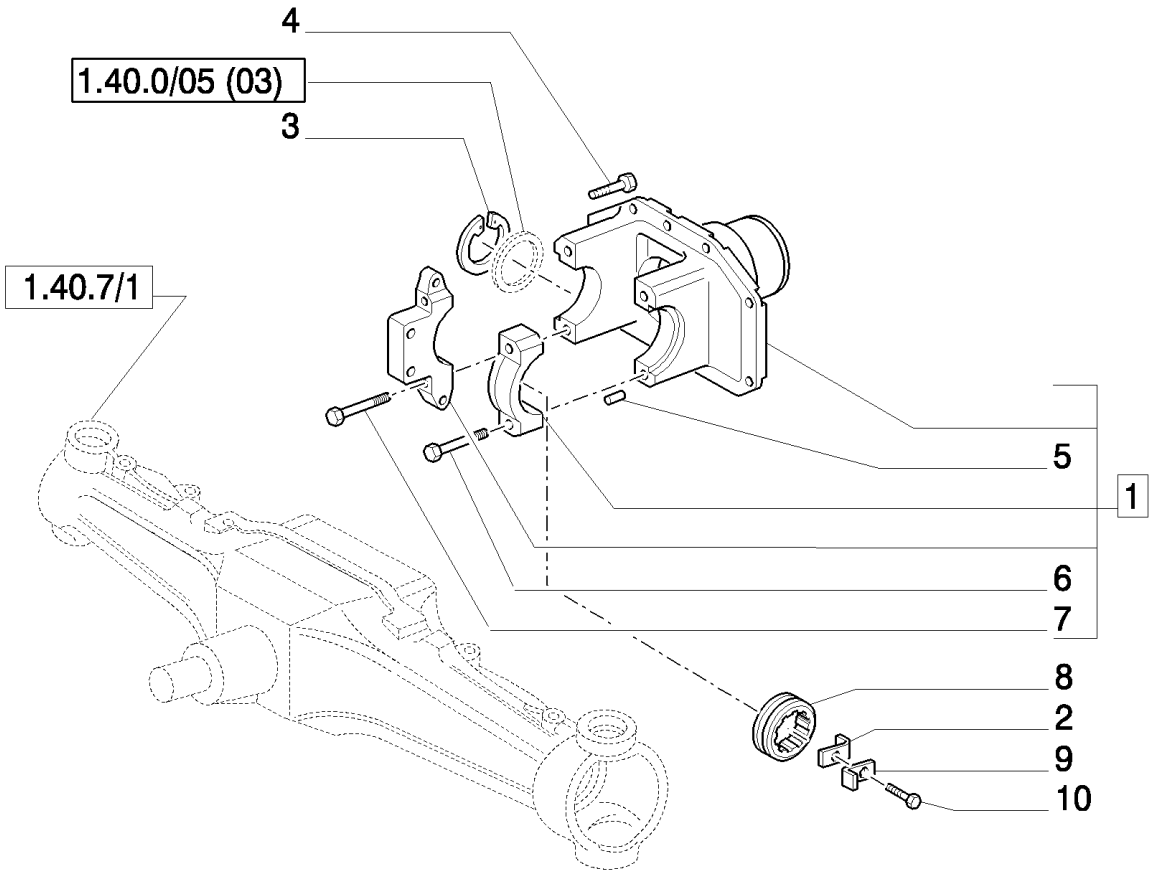
1.40.7/02(02A) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - STEERING PIVOT PINS - D51

Ref	Part Number	Qty	Description
1	5182002	1	STUB AXLE/STRG. SPINDLE, RH, TM155
1	5198876	1	STUB AXLE/STRG. SPINDLE, RH, TM175, TM190
2	5182000	1	STUB AXLE/STRG. SPINDLE, LH, TM155
2	5198874	1	KNUCKLE, STEERING, LH, TM175, TM190
3	5105321	2	BUSHING, 45 x 50 x 30
4	14254431	6	BOLT, Hex, M14 x 1.5 x 30,
4	14254534	6	BOLT, Hex, M14 x 1.5 x 35,
5	5120532	2	NIPPLE, LUBE, M14 x 1.5,
5	5191671	1	NIPPLE, LUBE, 45є, M14 x 1.5,
6	5137138	2	PIN, BALL,
7	5137114	AR	SHIM, .10mm Thk,
7	5137115	AR	SHIM, .15mm Thk,
8	10717611	2	NUT, Thin, M18 x 2.5, Cl 04,
9	5179447	2	SCREW, M18X120
10	5121907	4	SEAL,
11	5119660	3	BALL JOINT,
12	5178141	2	SEAL, 190X220X14,5-18
13	87303827	4	BEARING ASSY,
14	10278301	2	PLUG, M28 x 1.5 x 11, Brass,
15	10282260	2	WASHER, SEALING, M28.4 x 36 x 1.5, Copper,
16	5182020	2	HUB, , -C5201
16	87341366	2	HUB, , D5201-
17	4985063	2	DOWEL,
18	87309308	1	PIN, BALL,
19	47137676	1	BALL JOINT,
20	13413290	2	BREATHER,
21	5183085	1	PIN,
22	10384911	3	SCREW,
23	87309292	1	PIN,
24	14458280	1	O-RING, -124, 70 Duro, 1.237" ID x .103" Thk,
25	87303761	1	SENSOR, STEERING
26	47137701	1	SEAL,
27	87303770	1	CONNECTOR, ELEC,
28	87315098	1	SHIELD,
29	14643091	2	RIVET,

D5196 After Date 18 July 2005□□D5201 After Date 01 June 2005

1.40.7/05(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - SUPPORT

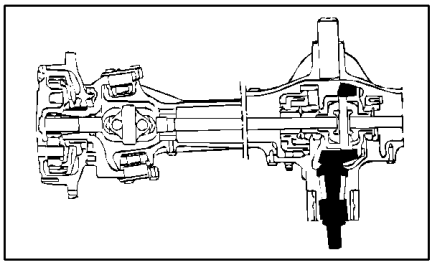


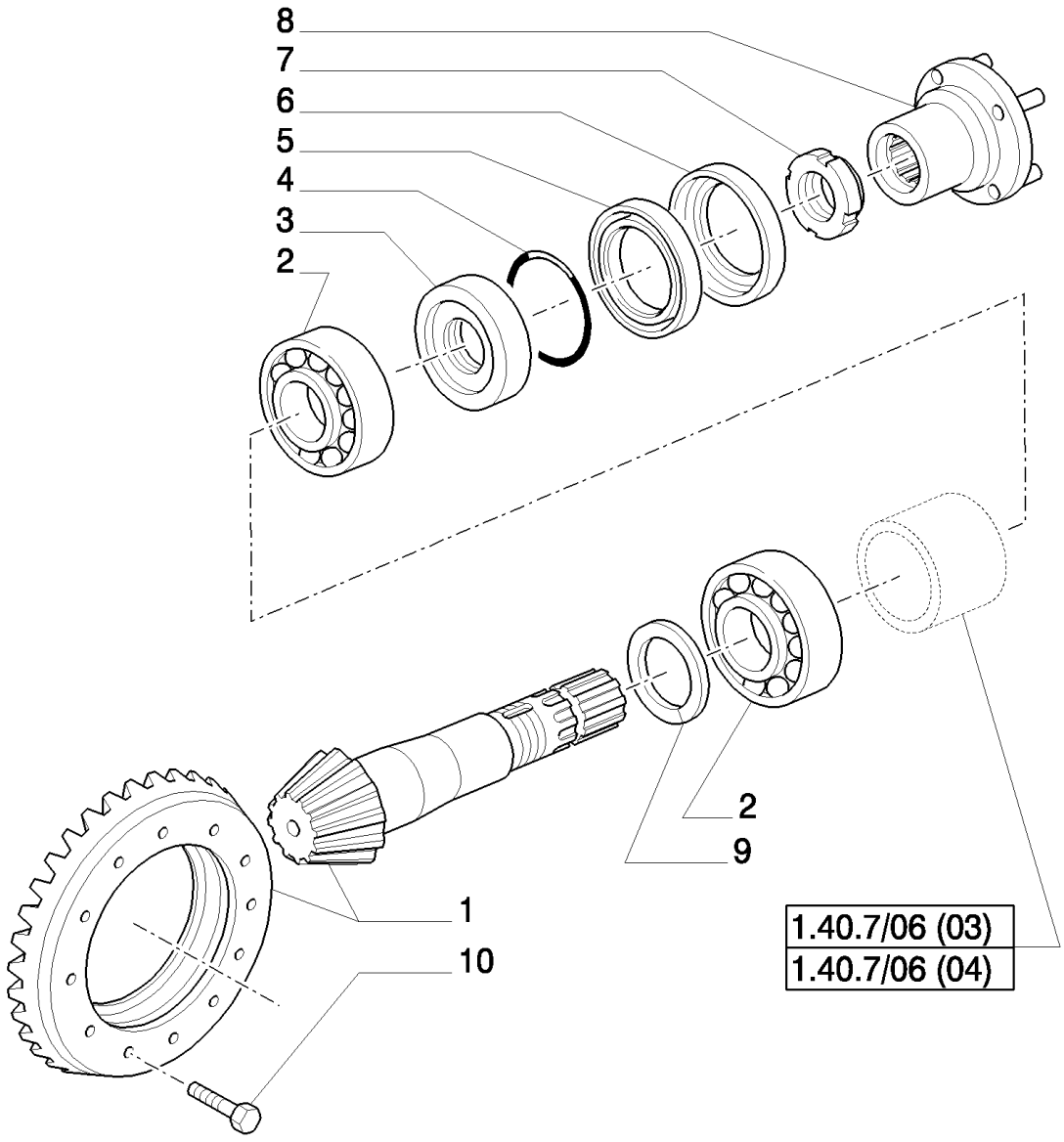


1.40.7/05(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - SUPPORT

Ref	Part Number	Qty	Description
1	5190844	1	SUPPORT,
2	4966243	1	CLIP,
3	11075476	1	RING, SNAP, M110, Int,
4	16217734	16	BOLT, Hex, M16 x 50,
4	14360524	4	SCREW, Hex Soc Hd, M12 x 1.25 x 20, 8.8,
5	4966530	4	DOWEL, 6X18
6	14255330	2	SCREW, M14X1,5X75
7	14255731	2	BOLT, Hex, M14 x 1.5 x 90,
8	5110423	1	NUT, RING, M115X15
9	562659	1	PLATE,
10	15970524	1	BOLT, Hex, M10 x 1.25 x 20, 8.8, Full Thd,

1.40.7/06(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BEVEL GEAR PAIR



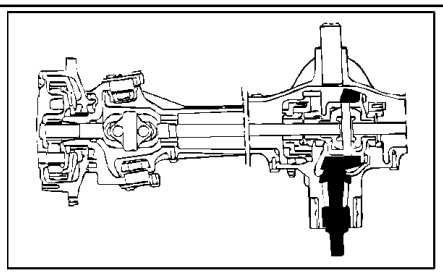


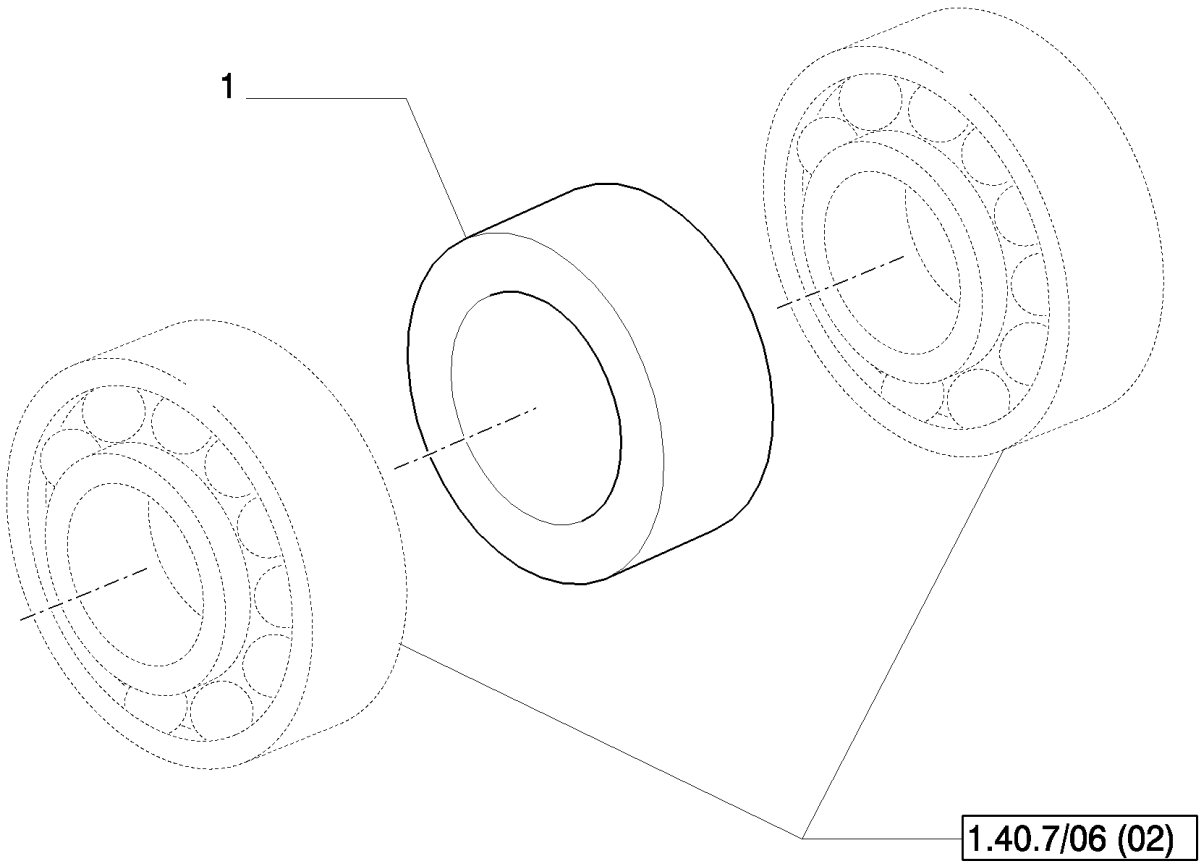
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.7/06(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BEVEL GEAR PAIR

Ref	Part Number	Qty	Description
1	5179445	1	GEAR, BEVEL, RATIO 10/34
2	5141714	2	BEARING ASSY, 45X100X38,25
3	5179417	1	RING,
4	14459080	1	O-RING, -131, 70 Duro, 1.737" ID x .103" Thk,
5	5119262	1	SEAL, 80 x 110 x 12
6	5179995	1	CUP,
7	5111953	1	NUT, M24X2
8	5190345	1	FLANGE,
9	7888012	AR	RING, MM.45,1X58X0,5
9	5121690	AR	RING, M45.1 x 58 x 2.3,
9	5121691	AR	RING, M45.1 x 58 x 2.4,
9	4999063	AR	RING, M45.1 x 58 x 2.5,
9	4999064	AR	RING, M45.1 x 58 x 2.6 ,
9	4999065	AR	RING, M45.1 x 58 x 2.7 ,
9	4999066	AR	RING, M45.1 x 58 x 2.8,
9	4999067	AR	RING, M45.1 x 58 x 2.9 ,
10	14274631	12	BOLT, Hex, M12 x 1.25 x 35,

1.40.7/06(03) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BEVEL GEAR PAIR

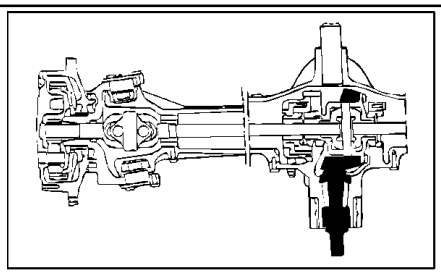


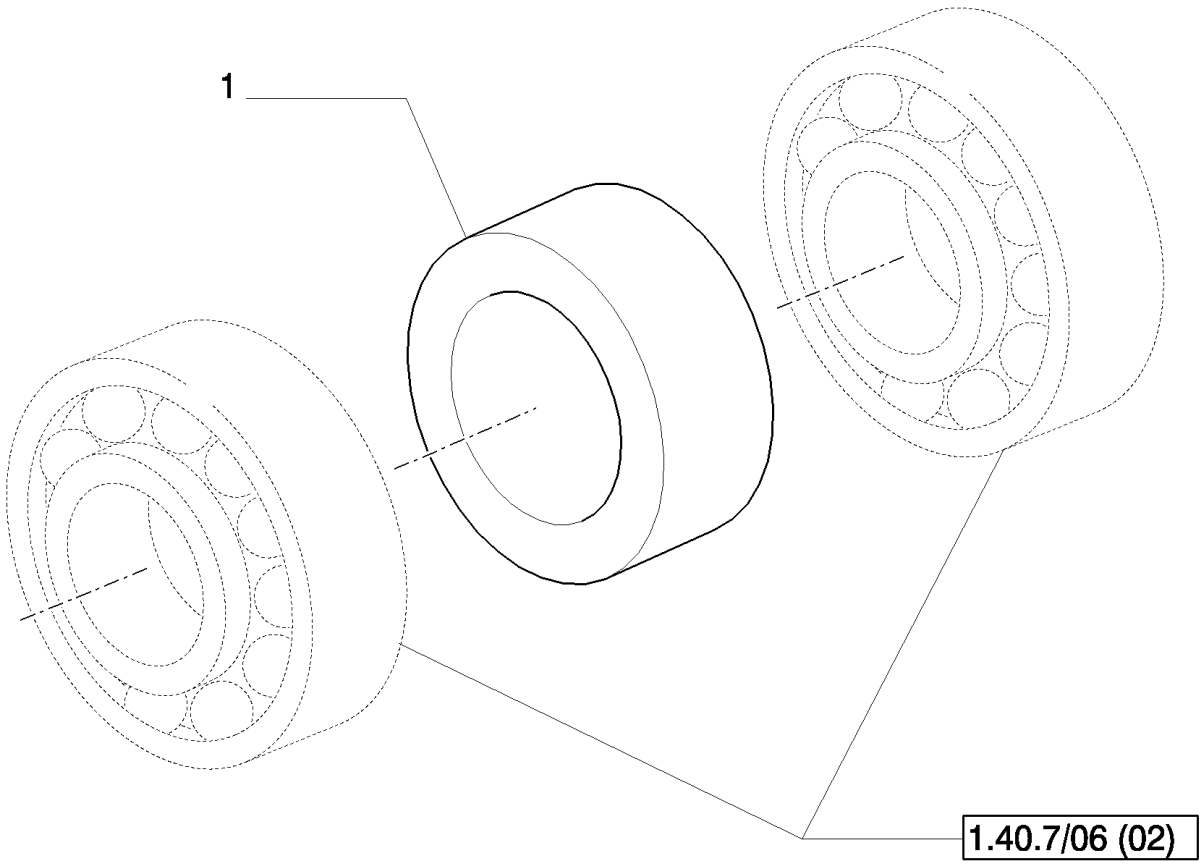


1.40.7/06(03) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BEVEL GEAR PAIR

Ref	Part Number	Qty	Description
1	5179957	AR	SHIM, 19.400mm Thk,
1	5179959	AR	SHIM, 19.425mm Thk,
1	5179960	AR	SHIM, 19.450mm Thk,
1	5179961	AR	SHIM, 19.475mm Thk,
1	5179962	AR	SHIM, 19.500mm Thk,
1	5179963	AR	SHIM, 19.525mm Thk,
1	5179964	AR	SHIM, 19.550mm Thk,
1	5179965	AR	SHIM, 19.575mm Thk,
1	5179966	AR	SHIM, 19.600mm Thk,
1	5179967	AR	SHIM, 19.625mm Thk,
1	5179968	AR	SHIM, 19.650mm Thk,
1	5179969	AR	SHIM, 19.675mm Thk,
1	5179970	AR	SHIM, 19.700mm Thk,
1	5179971	AR	SHIM, 19.725mm Thk,
1	5179972	AR	SHIM, 19.750mm Thk,
1	5179973	AR	SHIM, 19.775mm Thk,
1	5179974	AR	SHIM, 19.800mm Thk,
1	5179975	AR	SHIM, 19.825mm Thk,

1.40.7/06(04) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BEVEL GEAR PAIR

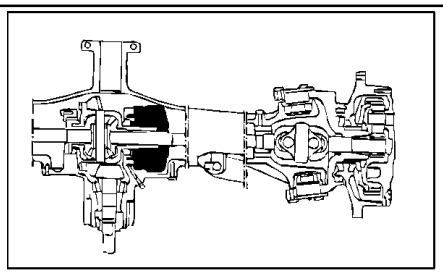


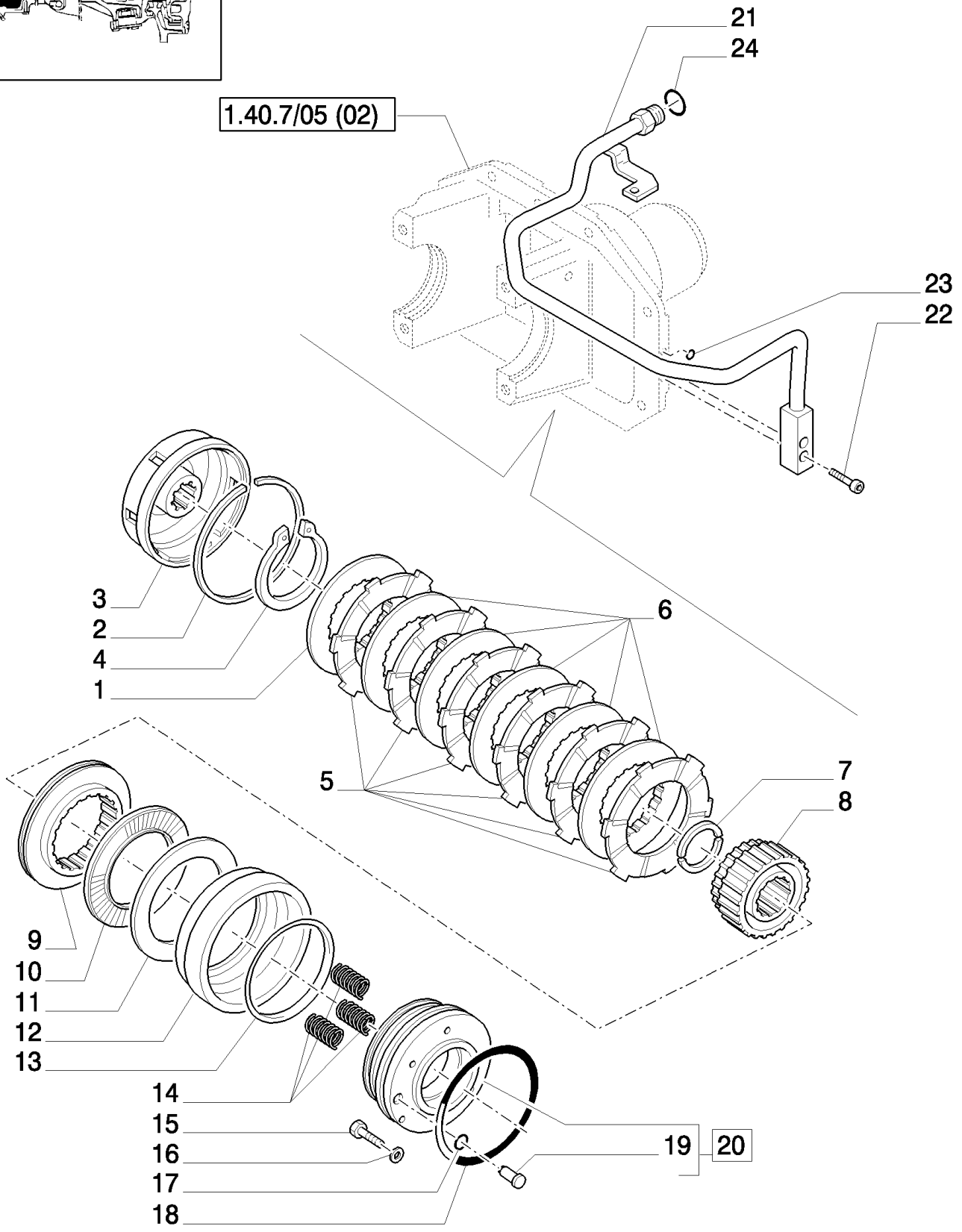


1.40.7/06(04) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BEVEL GEAR PAIR

Ref	Part Number	Qty	Description
1	5179976	AR	SHIM, 19.850mm Thk,
1	5179977	AR	SHIM, 19.875mm Thk,
1	5179978	AR	SHIM, 19.900mm Thk,
1	5179979	AR	SHIM, 19.925mm Thk,
1	5179980	AR	SHIM, 19.950mm Thk,
1	5179981	AR	SHIM, 19.975mm Thk,
1	5179982	AR	SHIM, 20.000mm Thk,
1	5179983	AR	SHIM, 20.025mm Thk,
1	5179984	AR	SHIM, 20.050mm Thk,
1	5179985	AR	SHIM, 20.075mm Thk,
1	5179986	AR	SHIM, 20.100mm Thk,
1	5179987	AR	SHIM, 20.125mm Thk,
1	5179988	AR	SHIM, 20.150mm Thk,
1	5179989	AR	SHIM, 20.175mm Thk,
1	5179990	AR	SHIM, 20.200mm Thk,
1	5179991	AR	SHIM, 20.225mm Thk,
1	5179992	AR	SHIM, 20.250mm Thk,
1	5179993	AR	SHIM, 20.275mm Thk,
1	5179994	AR	SHIM, 20.300mm Thk,

1.40.7/09(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - HYDRAULIC DIFFERENTIAL LO

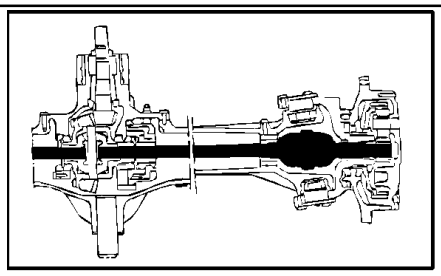


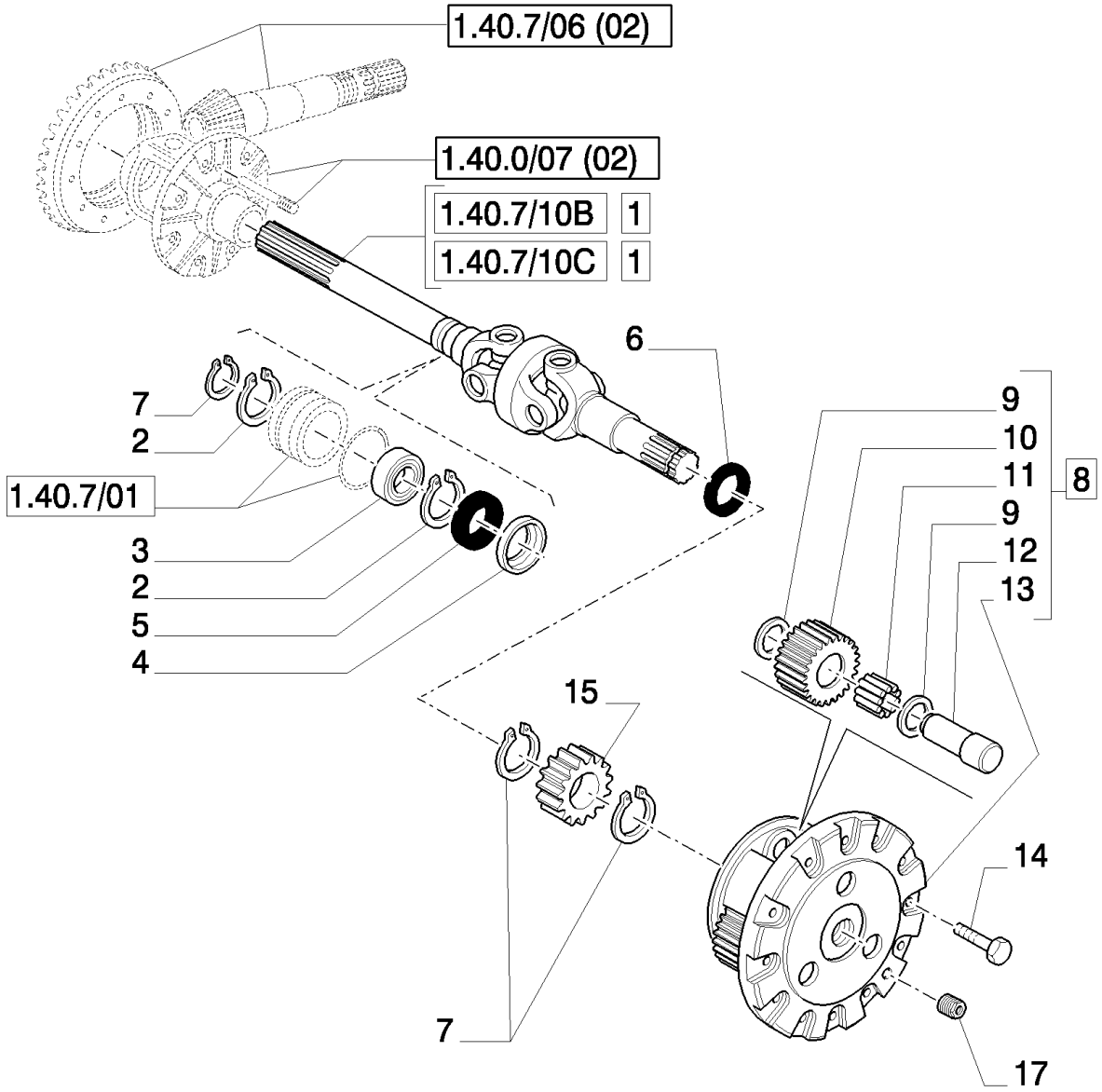


1.40.7/09(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - HYDRAULIC DIFFERENTIAL L

Ref	Part Number	Qty	Description
1	5141750	1	CLUTCH, PLATE,
2	5134095	1	RING, LOCKING, D=200
3	5134083	1	HOUSING,
4	11083176	1	RING, SNAP, M125, Ext,
5	5198090	6	CLUTCH, PLATE,
6	5198088	5	CLUTCH, PLATE,
7	5135032	1	HALF-RING,
8	5134099	1	HUB,
9	5144582	1	DISC,
10	5134174	1	BEARING, ROLLER,
11	5134175	1	WASHER, THRUST, 140X180X1
12	5134093	1	PLUNGER,
13	5140120	1	O-RING, 2,62X145,72
14	5120761	3	SPRING,
15	14306524	5	SCREW, Hex Soc Hd, M8 x 30, 8.8,
16	10569374	5	WASHER, LOCK, M8
17	14452881	1	O-RING, -011, Cl 7, .301" ID x .070" Thk,
18	5140121	1	O-RING, 2,62X171,12
19	5148467	1	PIN,
20	5148468	1	FLANGE,
21	5188462	1	TUBE, RIGID,
22	14306321	1	SCREW, Hex Soc Hd, M8 x 20, 8.8,
23	14453081	1	O-RING, -013, Cl 7, .426" ID x .070" Thk,
24	5185510	1	O-RING, 1,78 x 9,25

1.40.7/10(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - GEARS AND DIFFERENTIAL A

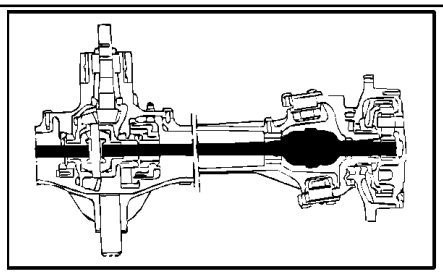




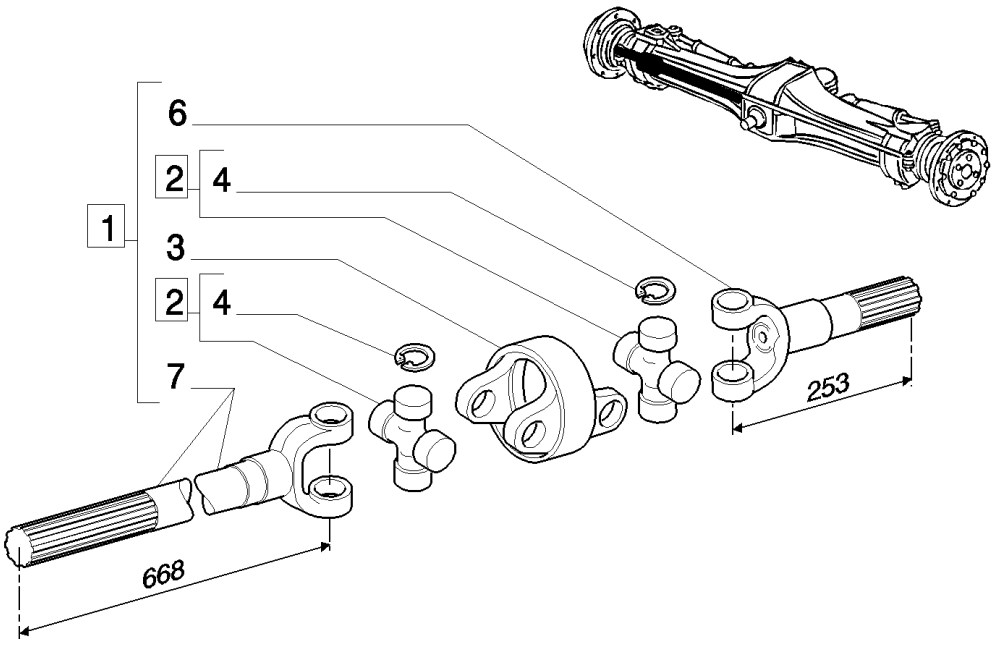
1.40.7/10(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - GEARS AND DIFFERENTIAL A

Ref	Part Number	Qty	Description
1	5181947	1	AXLE-SHAFT, ARTICULATED, LH, TM155
1	5191701	1	AXLE-SHAFT, ARTICULATED, LH, TM175, TM190
1	5181946	1	AXLE-SHAFT, ARTICULATED, RH, TM155
1	5191702	1	AXLE-SHAFT, ARTICULATED, RH, TM175, TM190
2	11061376	4	RING, SNAP, M68, Int,
3	28042480	2	BEARING, BALL, 40 x 68 x 15
4	5109311	2	SEAL PROTECTION,
5	5105948	2	SEAL, 45X68X12
6	5183845	2	SEAL, 45X65X18,5
7	5123651	6	RING,
8	5181054	2	CARRIER,
9	4998022	12	WASHER, THRUST,
10	5102132	6	PINION, IDLER,
11	5101692	6	BEARING, ROLLER, 31,9X41,9X35,5
12	5181056	6	PIN,
13	5181054	2	CARRIER,
14	14274631	24	BOLT, Hex, M12 x 1.25 x 35,
15	5136819	2	GEAR, PLANETARY,
16	14326211	2	PLUG, Magnetic

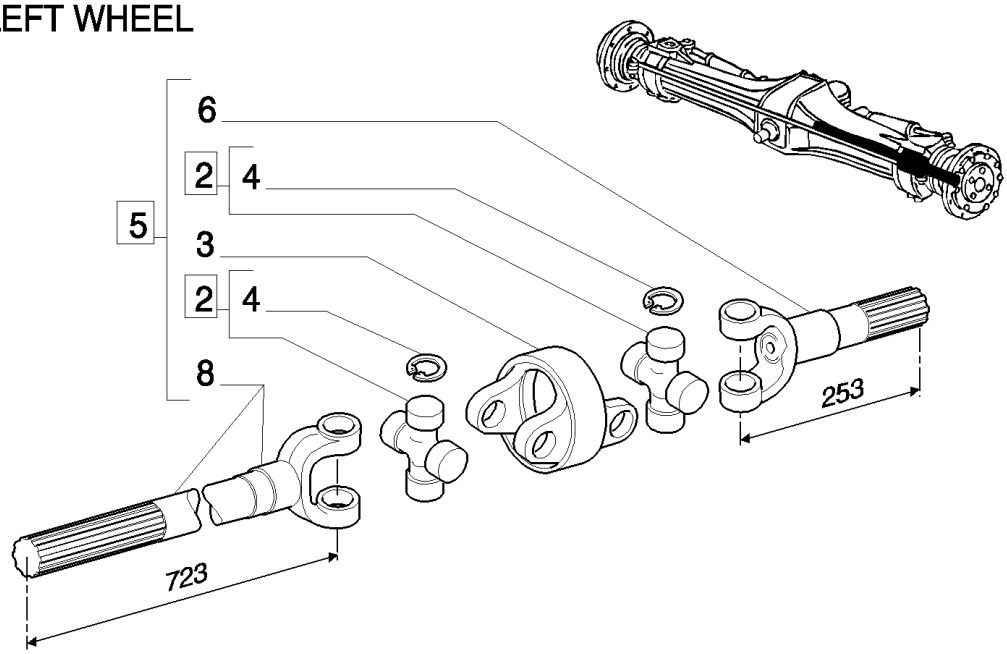
1.40.7/10C (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - ARTICULATED HALF-AXLE



FOR RIGHT WHEEL



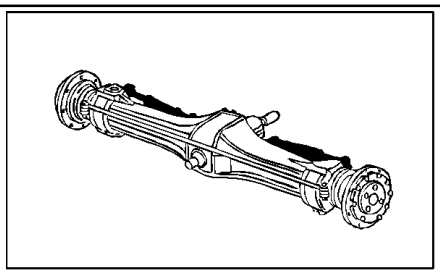
FOR LEFT WHEEL

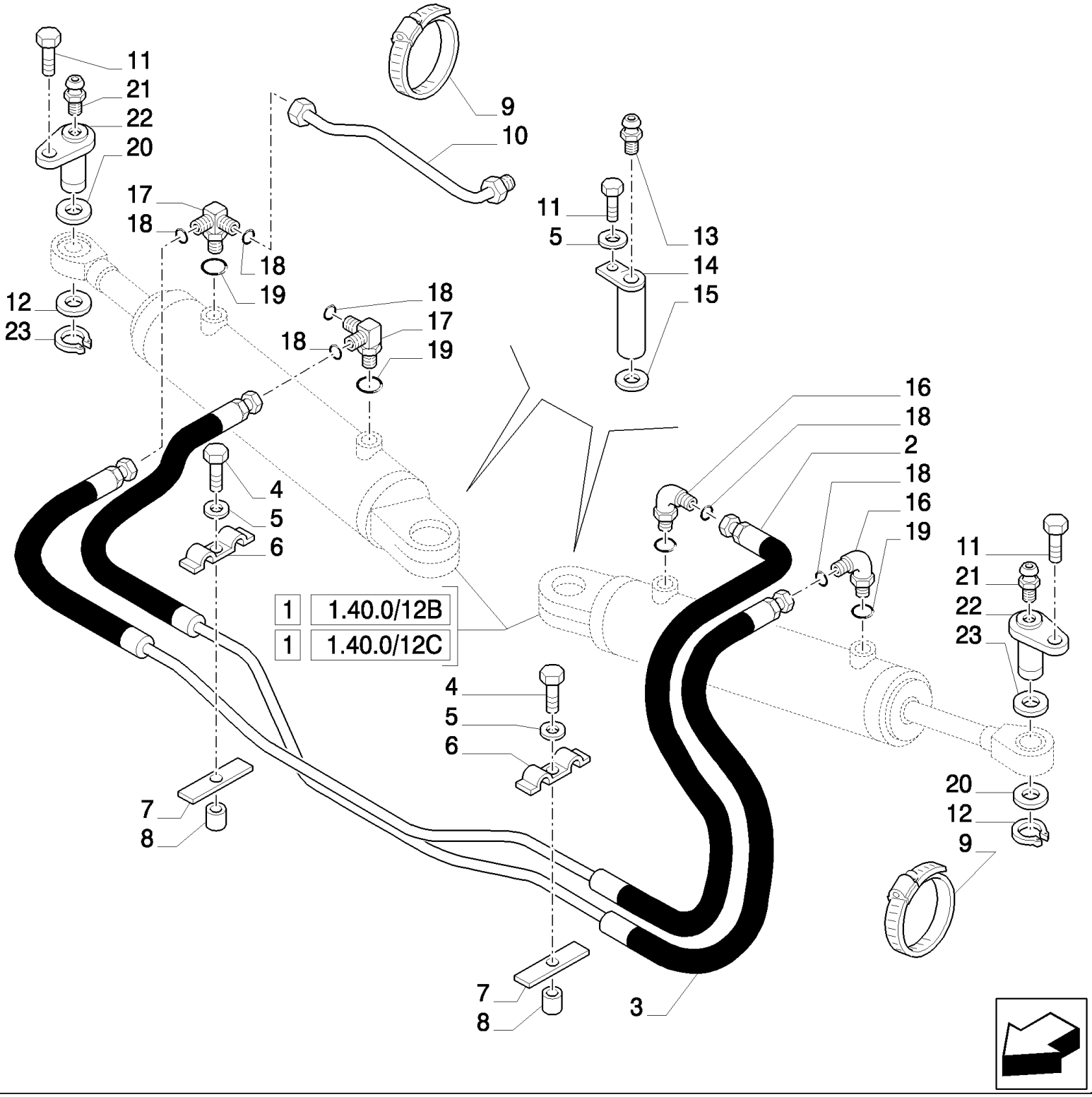


1.40.7/10C (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - ARTICULATED HALF-AXLE

Ref	Part Number	Qty	Description
1	5191702	1	AXLE-SHAFT, ARTICULATED, ASSY, RH
2	5191451	2	SPIDER,
3	87568624	1	SPIDER, U-JOINT,
4	5191452	8	RING, LOCKING,
5	5191701	1	AXLE-SHAFT, ARTICULATED, ASSY, LH
6	5192664	1	AXLE-SHAFT, ARTICULATED,
7	5192663	1	SHAFT,
8	5192662	1	SHAFT,

1.40.7/12 (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - POWER STEERING CYLINDRE



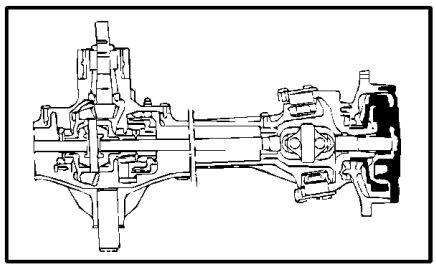


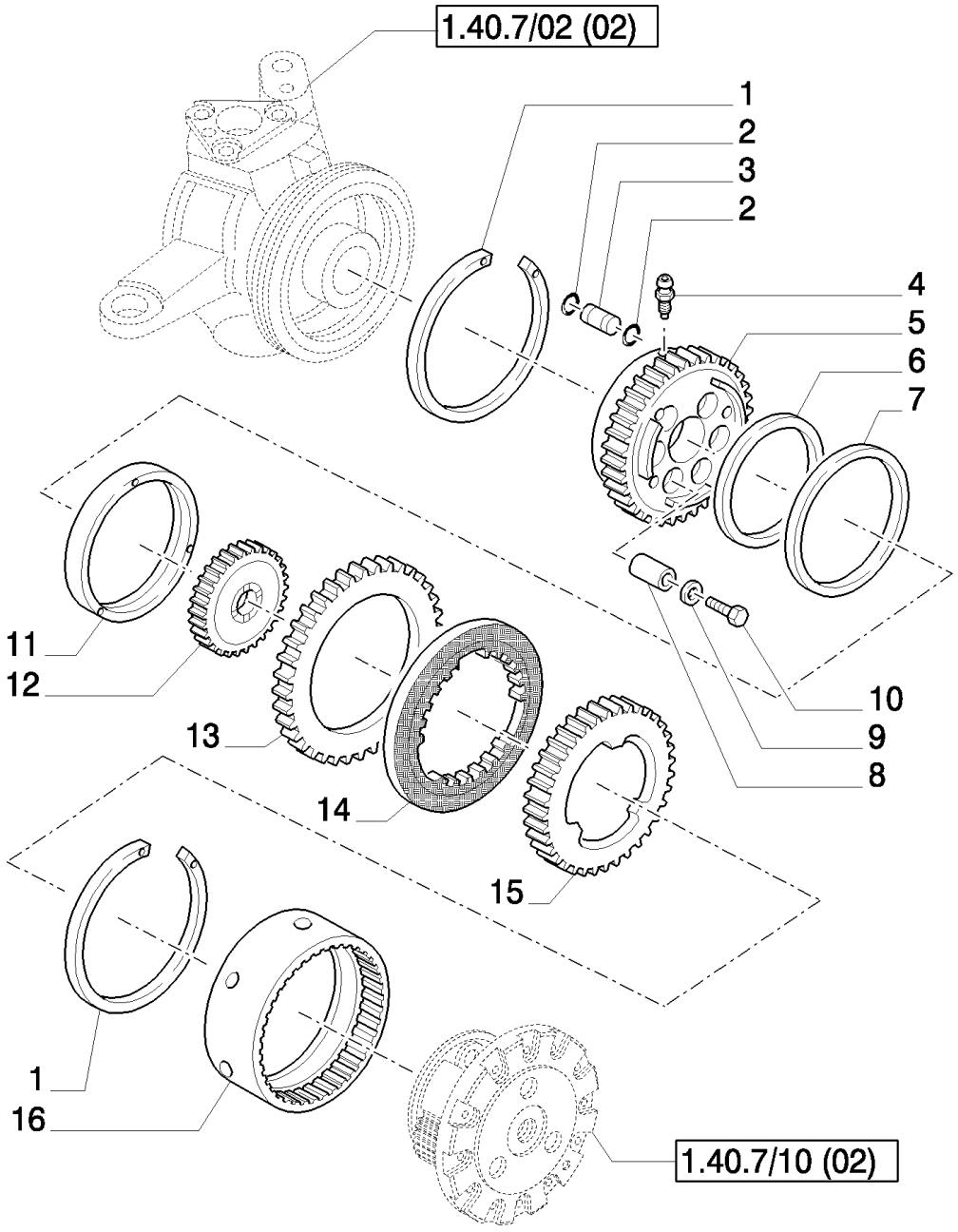
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.40.7/12 (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - POWER STEERING CYLINDRE

Ref	Part Number	Qty	Description
1	5164022	2	CYLINDER STEERING, TM120, TM130, TM140, TM155
1	5198883	2	CYLINDER STEERING, TM175, TM190
2	5188440	1	HOSE, FLEXIBLE, RH
3	5188439	1	HOSE, FLEXIBLE, LH
4	16043824	3	BOLT, Hex, M8 x 30, 8.8, Full Thd,
5	11193874	4	WASHER, SPRING, Belleville, M8.4,
6	5188504	2	BRACKET,
7	5188503	2	BRACKET,
8	13605811	2	SPACER, M8.5 x 18 x 10,
9	13000990	2	CLAMP, HOSE,
10	5188452	1	TUBE, RIGID,
11	16043424	3	SCREW, Hex, M8 x 20, 8.8, Full Thd,
12	11067376	2	RING, SNAP, M25, Ext,
13	5191671	2	NIPPLE, LUBE, 45є, M14 x 1.5,
14	5198013	2	PIN,
15	5111576	2	SPACER, M25.5 x 34 x 11,
16	47127165	2	ELBOW,
17	5188443	2	CONNECTOR, HYD.,
18	5185510	6	O-RING, 1,78 x 9,25
19	14437785	4	O-RING, 11.3MM ID x 2.4 Thk,
20	5111573	4	WASHER, LOCK, 25,5X34
21	87414	2	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
22	5171707	2	PIN,

1.40.7/13(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BRAKES

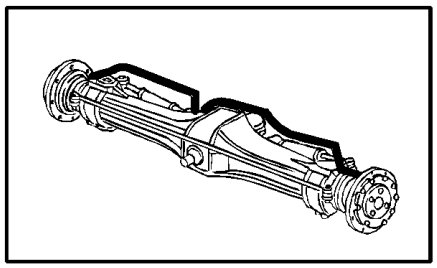


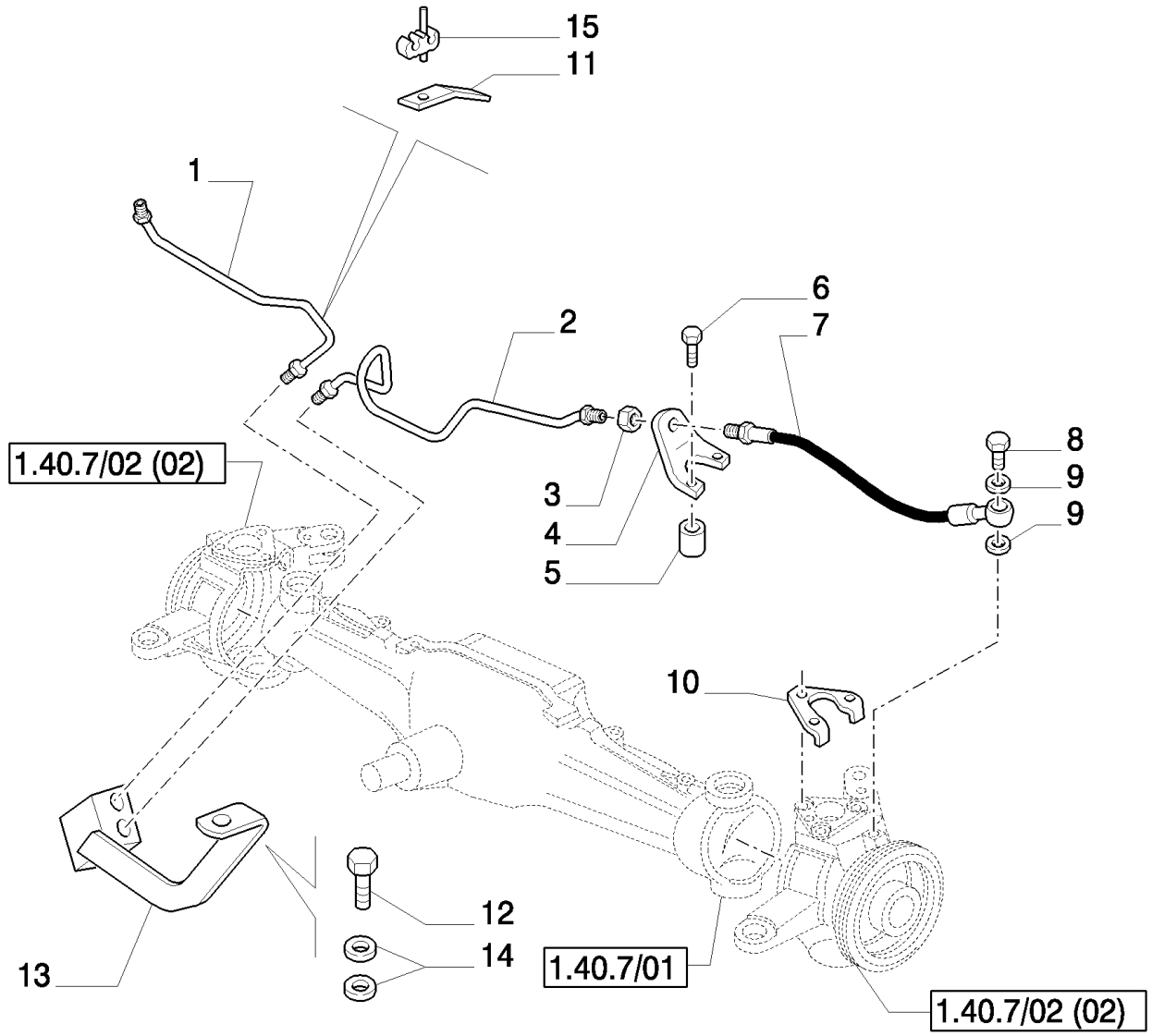


1.40.7/13(02) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BRAKES

Ref	Part Number	Qty	Description
1	5178857	4	CIRCLIP,
2	14456981	4	O-RING, -111, Cl 7, .424" ID x .103" Thk,
3	5173504	2	PAWL,
4	5153030	2	SCREW, BLEED,
5	5181994	2	BELL HOUSING,
6	5181566	2	GASKET, 198,6X205,4X3,4
7	5178850	2	GASKET, 229,6X236,4X3,4
8	5179560	12	SLEEVE,
9	11200271	12	WASHER, LOCK,
10	16334430	12	BOLT, Hex, M16 x 1.5 x 60,
11	5181567	2	SPOOL,
12	5182010	2	HUB,
13	5178813	2	BRAKE DISC,
14	5178903	2	BRAKE DISC,
15	5181929	2	BRAKE DISC,
16	5181933	2	GEAR, RING,

1.40.7/13(04) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BRAKES

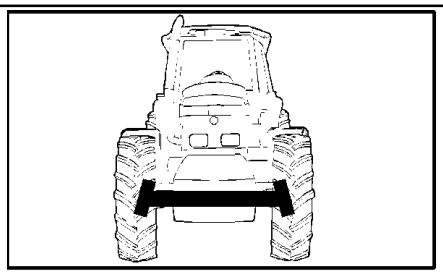




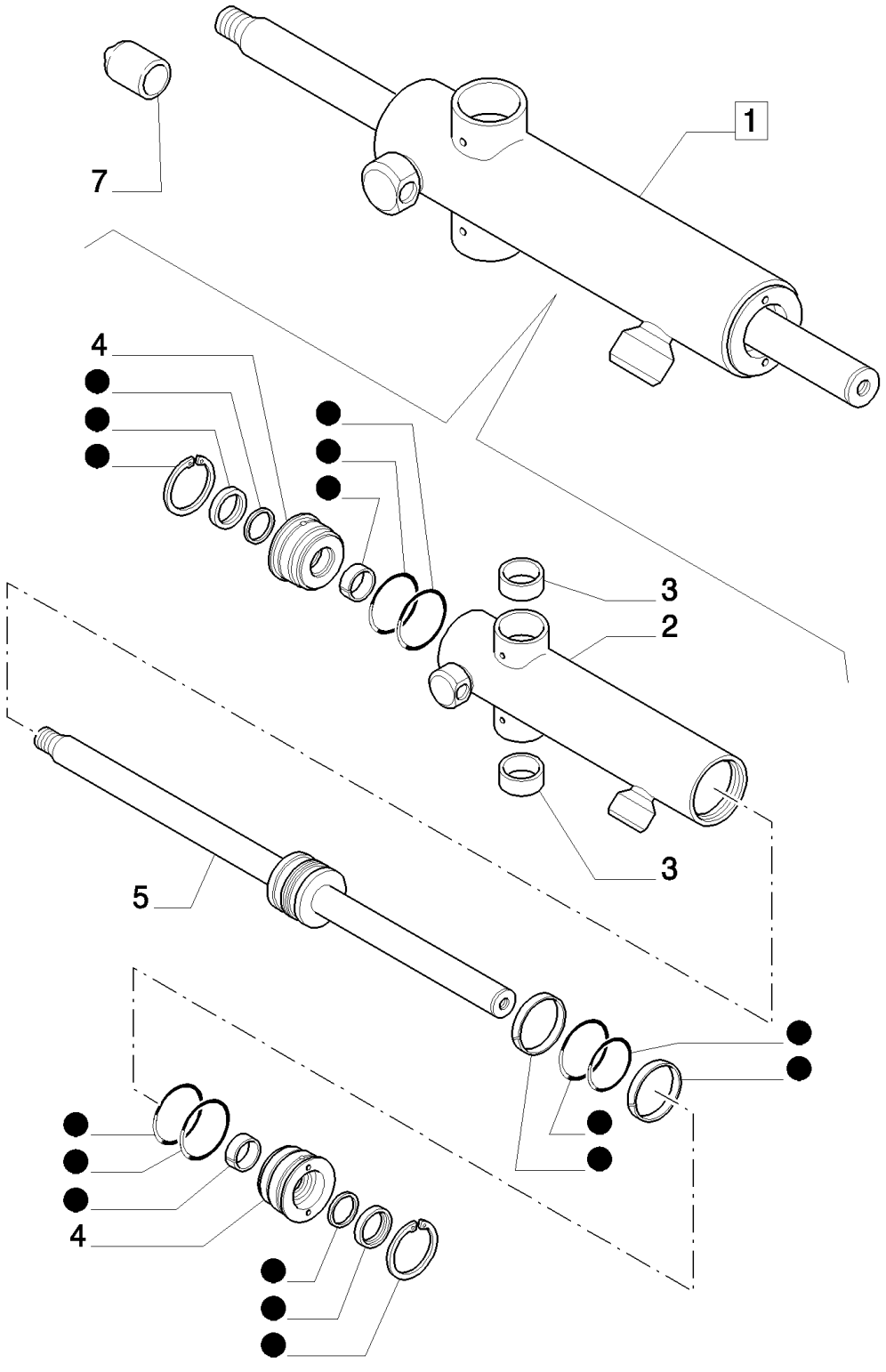
1.40.7/13(04) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BRAKES

Ref	Part Number	Qty	Description
1	5188458	1	TUBE, RIGID, RH
2	5188464	1	TUBE, RIGID, LH
3	10718114	2	NUT, LOCK, M16 x 1, Cl 04,
4	5182969	1	BRACKET, LH
4	5182970	1	BRACKET, RH
5	5182910	3	SPACER,
6	15540924	3	BOLT, Hex, M12 x 1.25 x 55, 8.8,
7	5155700	2	HOSE, FLEXIBLE,
8	5155703	2	BOLT, BANJO, M12X1,25X22
9	2854292	4	GASKET,
10	5183165	2	BRACKET,
11	5182997	1	COLLAR, RETAINER,
12	14274834	1	BOLT, Hex, M12 x 1.25 x 45,
13	5188505	1	BRACKET,
14	10520004	2	WASHER, M12 x 22 x 3,
15	14575380	1	RETAINER,

1.41.0/ A FRONT AXLE (2WD) - STEERING, CYLINDER



KIT ● = 6

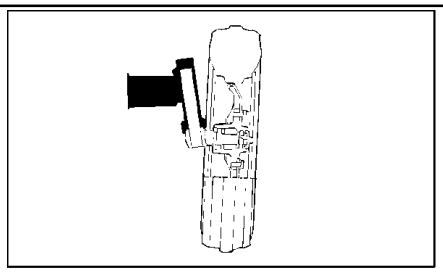


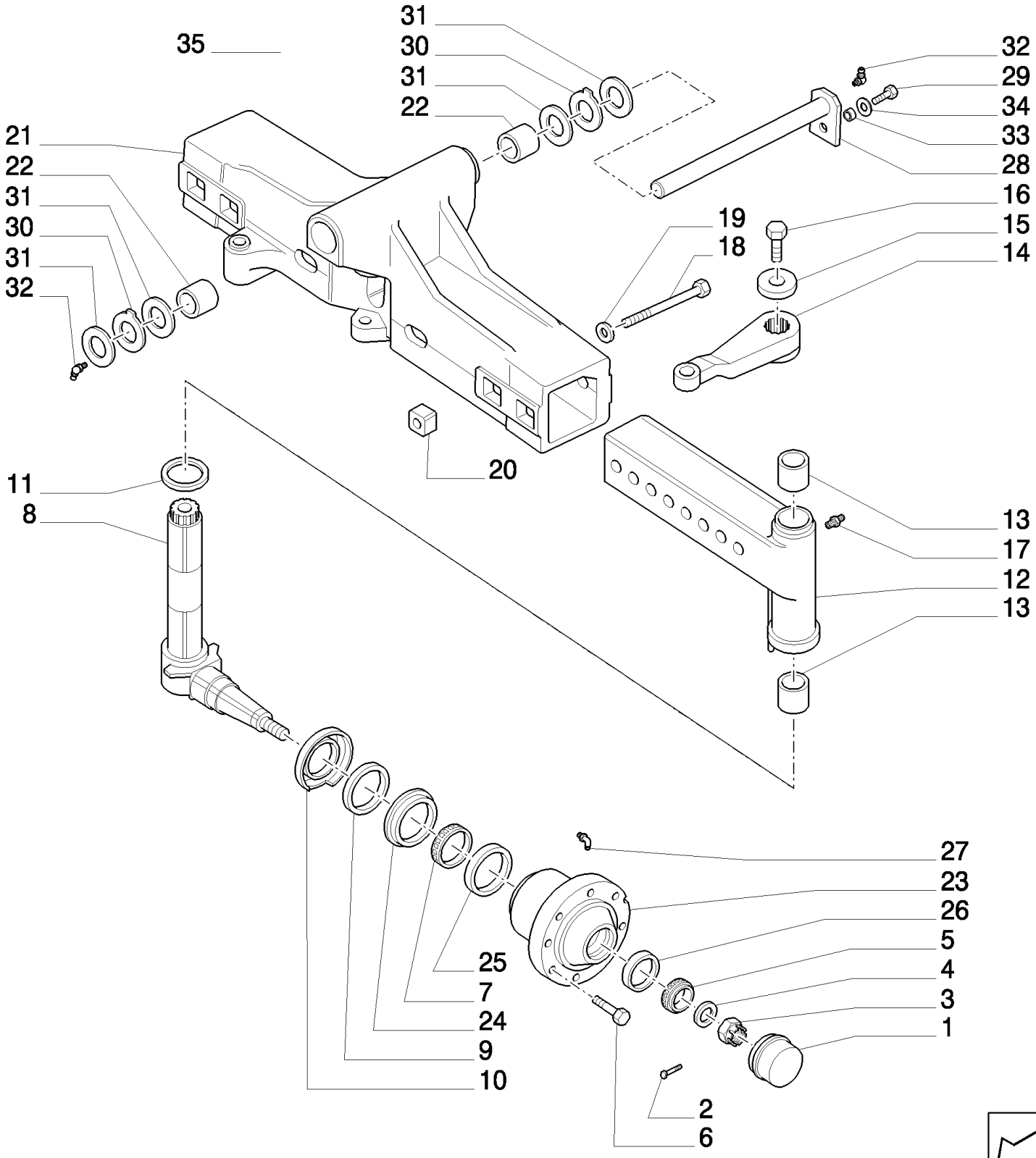
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.41.0/ A FRONT AXLE (2WD) - STEERING, CYLINDER

Ref	Part Number	Qty	Description
1	44995153	1	SERVO STEERING CYL.,
2	44995146	1	LINER, ENGINE CYLINDER, Incl. Ref. 3
3	44995147	2	BUSHING, SPLINED,
4	44995148	2	GASKET,
5	44995149	1	ROD, THREADED,
6	44995150	1	KIT, GASKET,
7	87301685	1	CAP,

1.41.0/01(01) 2WD FRONT AXLE - BODY



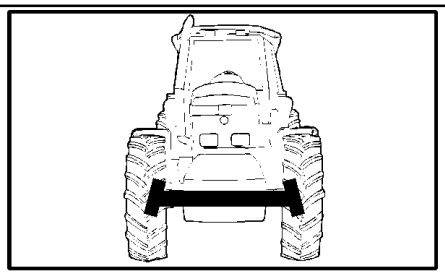


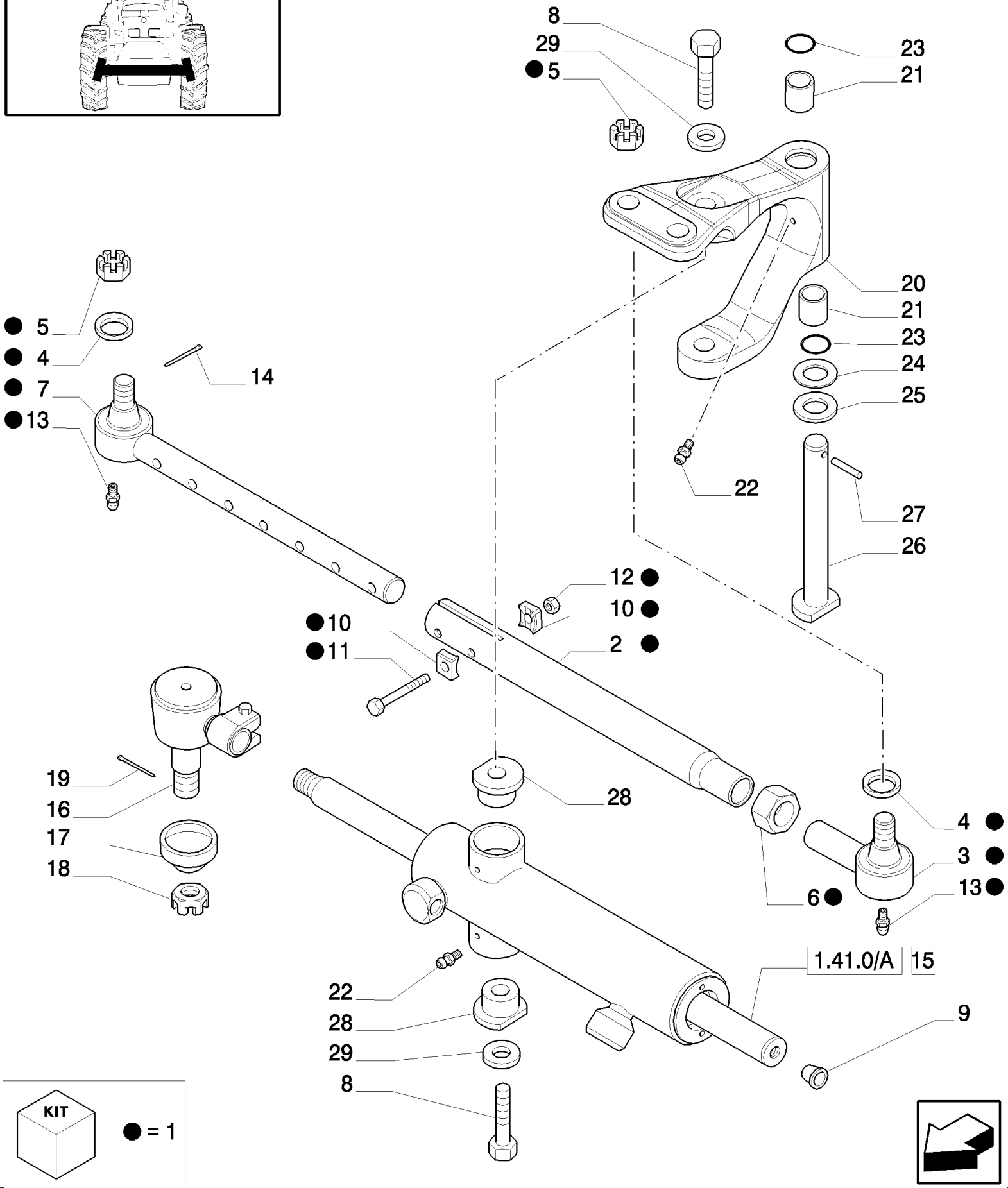
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.41.0/01(01) 2WD FRONT AXLE - BODY

Ref	Part Number	Qty	Description
1	44995092	2	COVER, TOP,
2	7336350	2	SCREW, 6,3X50mm
3	44995094	2	NUT, M30-1,5
4	89612030	2	WASHER, 33X56X5mm
5	511644	2	BEARING, CONE,
6	44995073	16	SCREW,
7	59717H	2	NUT, RING,
8	44995097	2	SHAFT, Incl. Ref. 9,10
9	44995098	1	SEAL, LH
10	44995099	1	COVER, TOP,
11	44995100	2	RING,
12	44995101	1	AXLE, FRONT, LH, Incl. Ref. 13
12	44995102	1	AXLE, FRONT, RH, Incl. Ref. 13
13	44995105	2	BUSHING,
14	44995106	1	ARM, SUPPORTING, LH
14	44995107	1	ARM, SUPPORTING, RH
15	44995108	2	WASHER,
16	61420055	2	BOLT, M20X55; 8,8
17	80722	2	NIPPLE, LUBE, 3/16" x .55" lg, Drive,
18	82824200	4	SCREW, M24X200 , 10,9
19	89612024	4	WASHER, 26X44X5mm
20	44995112	4	NUT,
21	44995113	1	AXLE, FRONT, Incl. Ref. 22
22	44995115	2	BUSHING,
23	44995116	2	DISC, Incl. Ref. 24,25,26
24	44995117	1	PLUG,
25	44995118	1	RING, 4-5/16 OD
26	86900365	1	BEARING, CUP, 3-17/64
27	219404	2	NIPPLE, LUBE, GREASE 3/160DR0TYPEX13/16
28	44995076	1	ROD,
29	11112831	1	BOLT, Hex, M12 x 40, 10.9, Full Thd,
30	44995077	2	WASHER,
31	44995078	4	WASHER,
32	44995079	2	TUBE, RIGID, GREASE 1/8 PTX1-3/16
33	44995080	1	SPACER,
34	44995081	1	WASHER,
35	82030650	1	PLUG,

1.41.0/01(02) FRONT AXLE (2WD) - TRACK ROD ASSY





KIT

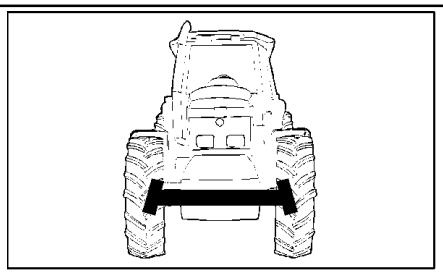
● = 1

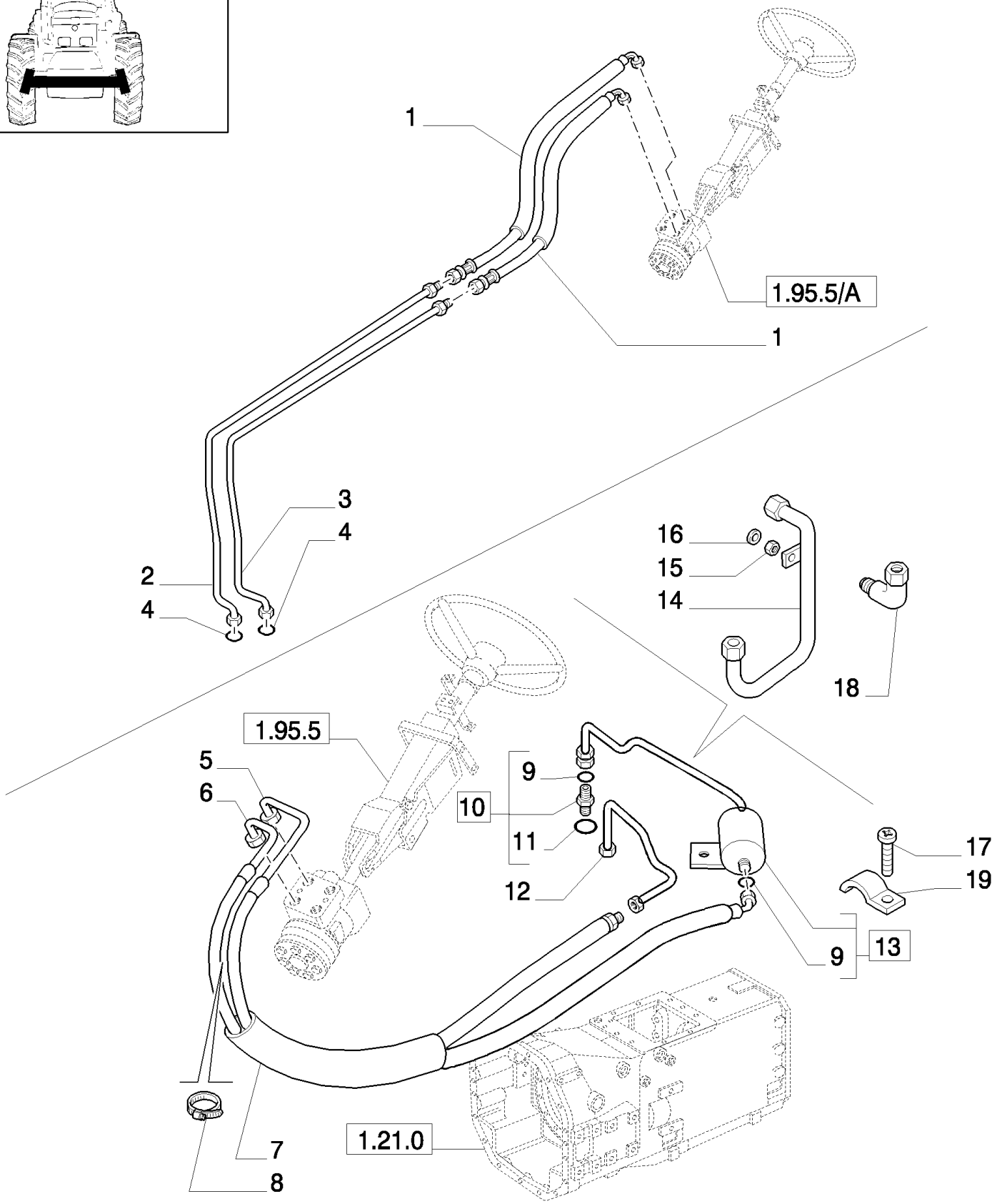
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.41.0/01(02) FRONT AXLE (2WD) - TRACK ROD ASSY

Ref	Part Number	Qty	Description
1	44995119	1	LINK DRAG,
2	44995120	1	TIE-ROD,
3	1280658C1	1	BALL JOINT, Incl. Ref. 4,5
4	44995122	1	GASKET,
5	44995123	1	NUT, M20
6	44995124	1	NUT, 1-1/8
7	1280662C1	1	BALL JOINT, Incl. Ref. 8,9
8	44995144	1	SCREW,
9	353550	1	BUSHING,
10	44995126	4	WASHER,
11	328648	2	SCREW, 3/8 NFX3; 8
12	2324616	2	NUT, 3/8 NF
13	321204	2	NIPPLE, LUBE, M6 x 1, 16mm lg,
14	432824	4	PIN, 1/8 X1-1/2
15	44995153	1	SERVO STEERING CYL.,
16	44995130	1	END ASSY, TRACK ROD, Incl. Ref. 17,18
17	304857A1	1	DUST CAP, 7/8 NF; 8
18	4291314	1	NUT, 7/8 NF; 8
19	4321028	1	PIN, 5/32X1-3/4
20	44995134	1	SUPPORT, Incl. Ref. 21
21	44995136	2	BUSHING,
22	80722	1	NIPPLE, LUBE, 3/16" x .55" lg, Drive,
23	2385214	2	GASKET, 1 IDX1/8
24	44995138	3	WASHER, 1-1/32 X 1-3/4X5/32
25	9581052	3	WASHER, 1-1/32X1-3/4X3/64
26	44995140	1	PIN,
27	3831624	1	PIN, 1/4X1-1/2
28	44995143	2	GASKET,
29	396-31081	2	WASHER, 13/16" x 1 1/2" x .219", HDN,
30	44995144	2	SCREW, M20X60;10,9
31	353550	1	BUSHING,

1.42.0(01) POWER STEERING HYDRAULIC CONTROL



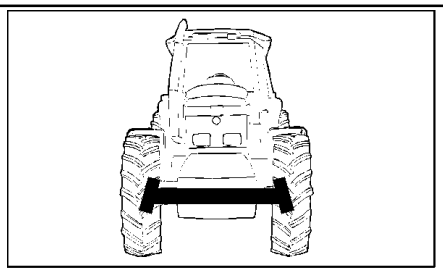


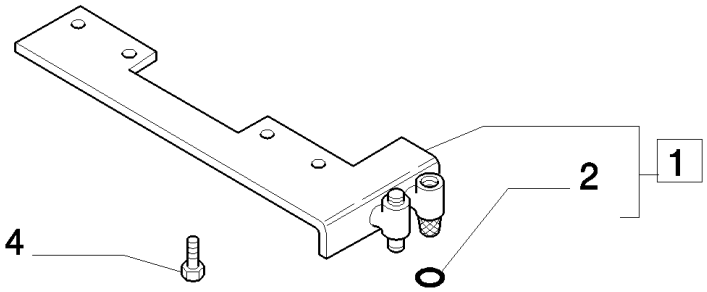
TM190 TRACTOR (6/02-) - Front Axle & Steering

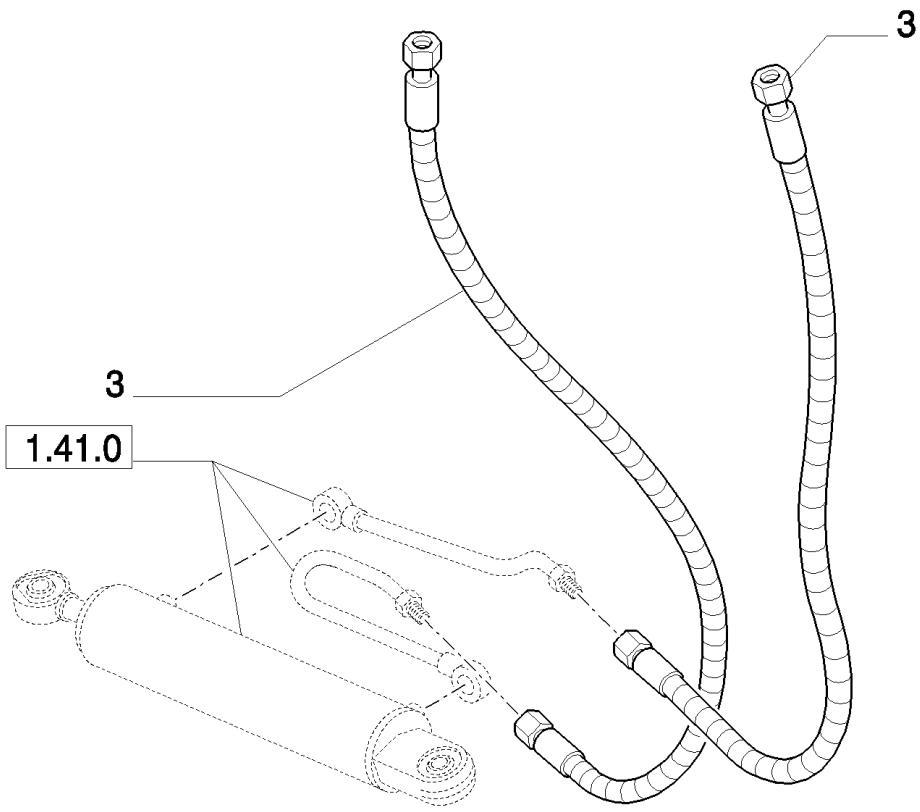
1.42.0(01) POWER STEERING HYDRAULIC CONTROL

Ref	Part Number	Qty	Description
1	82033317	2	HOSE, FLEXIBLE, 11/16-16, 890MM
1	82019183	2	HOSE, , Only for cab w/suspension (Equip.635)
2	82018784	1	TUBE, RIGID, RIGHT TURN
3	82018783	1	TUBE, RIGID, LEFT TURN
4	9993141	2	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
5	82033898	1	HOSE, FLEXIBLE, STEERING RETURN
5	82033351	1	HOSE, FLEXIBLE, STEERING RETURN, Only for cab w/suspension (Equip.635)
6	82033319	1	HOSE, FLEXIBLE, STEERING FEED
6	82033350	1	HOSE, FLEXIBLE, STEERING FEED, Only for cab w/suspension (Equip.635)
7	82003133	1	SHIELD,
8	263117	2	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
9	5185512	2	O-RING, 1,78X15,6
10	5185046	1	CONNECTOR, HYD.,
11	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
12	82005980	1	TUBE, RIGID,
13	5187053	1	TUBE, RIGID,
13	5187052	1	TUBE, RIGID, TM120, TM130, TM140, W/Mec. trans. 20x16 (40kph)
14	82020562	1	TUBE, RIGID, , W/full power shift trans.18X6 (40 Kph-4WD) and 17X6 (30 Kph) Equip.281
15	12164714	1	NUT, M10 x 1.25, Cl 8, , W/full power shift trans.18X6 (40 Kph-4WD) and 17X6 (30 Kph) Equip.281
16	12601471	1	WASHER, LOCK, M10, W/full power shift trans.18X6 (40 Kph-4WD) and 17X6 (30 Kph) Equip.281
17	16207524	1	SCREW,
18	5155622	1	ELBOW, 7/8-14, W/full power shift trans.18X6 (40 Kph-4WD) and 17X6 (30 Kph) Equip.281
19	82002396	1	COLLAR, RETAINER,

1.42.0(02) POWER STEERING HYDRAULIC CONTROL - (2WD)





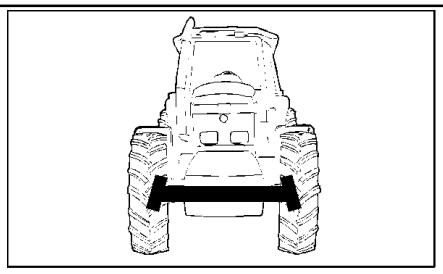


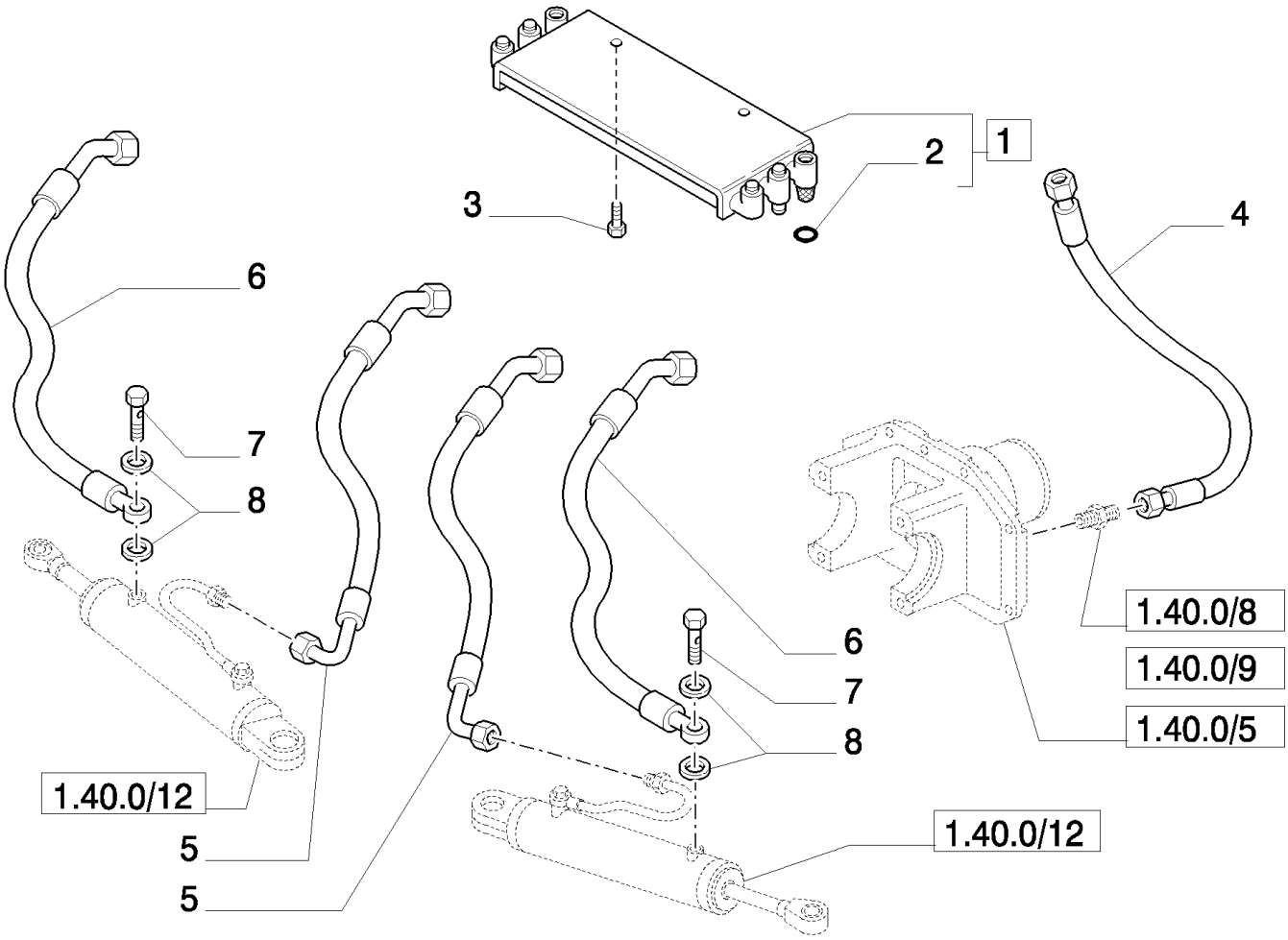
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.42.0(02) POWER STEERING HYDRAULIC CONTROL - (2WD)

Ref	Part Number	Qty	Description
1	82023356	1	SUPPORT, TM120, TM130, TM140, TM155
1	82026193	1	SUPPORT, TM175, TM190
2	9993141	6	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
2	9992298	2	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
3	82018648	2	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155
3	82030639	2	HOSE, FLEXIBLE, TM175, TM190
4	82019896	AR	SCREW, M8 x 1.25 x 16

1.42.0(03) POWER STEERING HYDRAULIC CONTROL - (4WD)



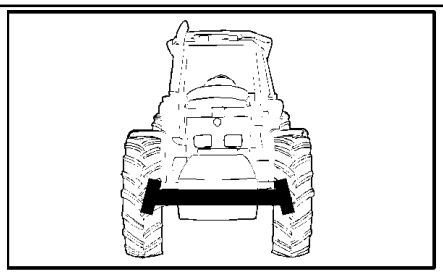


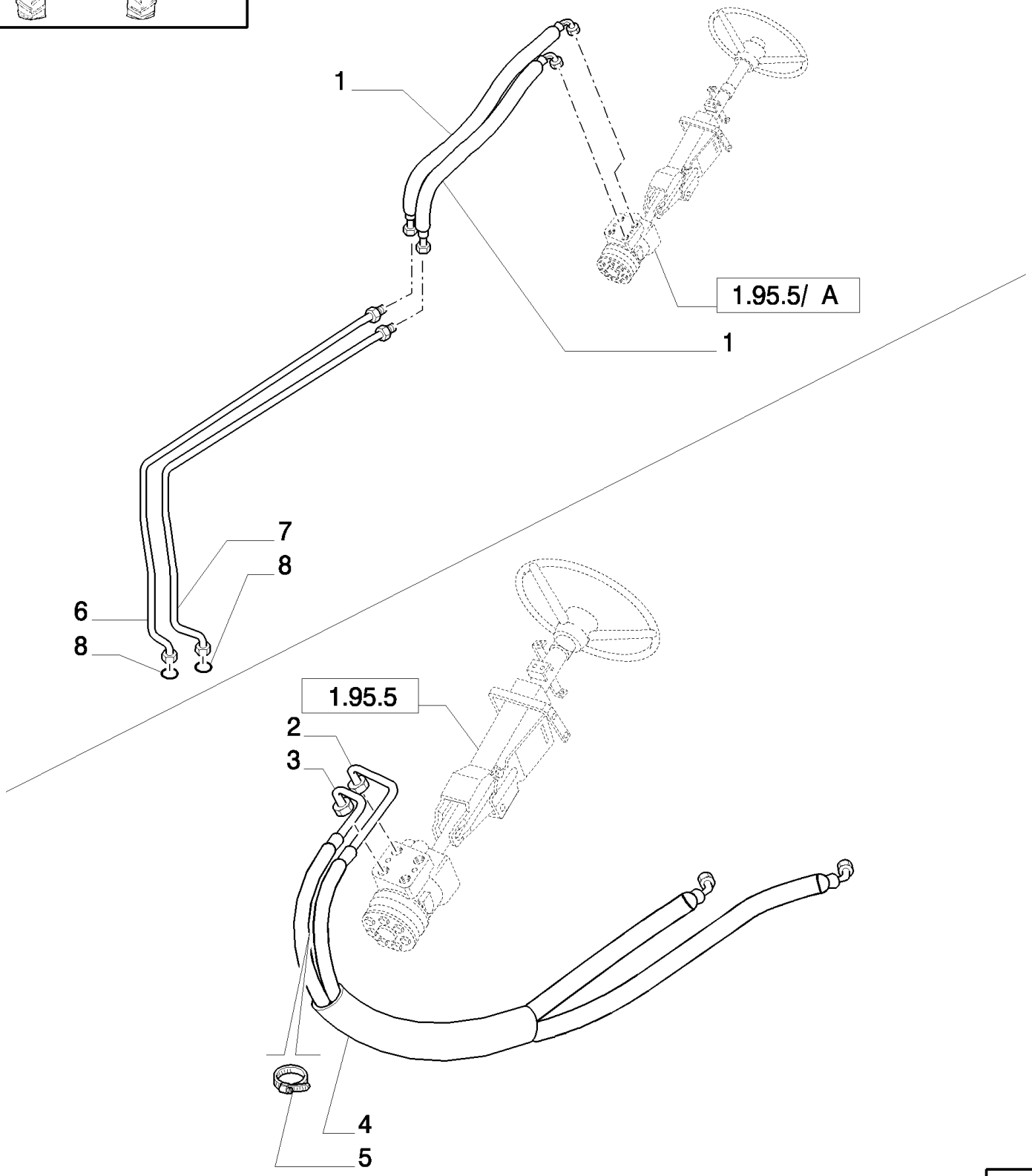
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.42.0(03) POWER STEERING HYDRAULIC CONTROL - (4WD)

Ref	Part Number	Qty	Description
1	82026193	1	SUPPORT,
2	9993141	6	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
2	9992298	2	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
3	82019896	2	SCREW, M8 x 1.25 x 16
4	82022284	1	HOSE, FLEXIBLE, 3/4-16, 380 MM
5	82022491	2	HOSE, FLEXIBLE, 11/16-16, 420 MM
6	82022492	2	HOSE, FLEXIBLE, 11/16-16, 515 MM
7	4864083	2	BOLT, BANJO, M14x1,5x30
8	44906168	4	SEAL,

1.42.0/01 POWER STEERING HYDRAULIC CONTROL



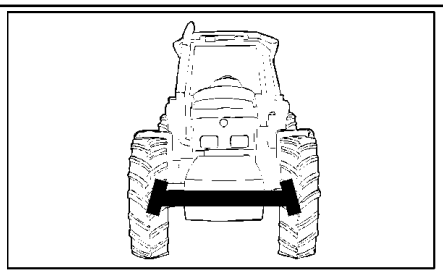


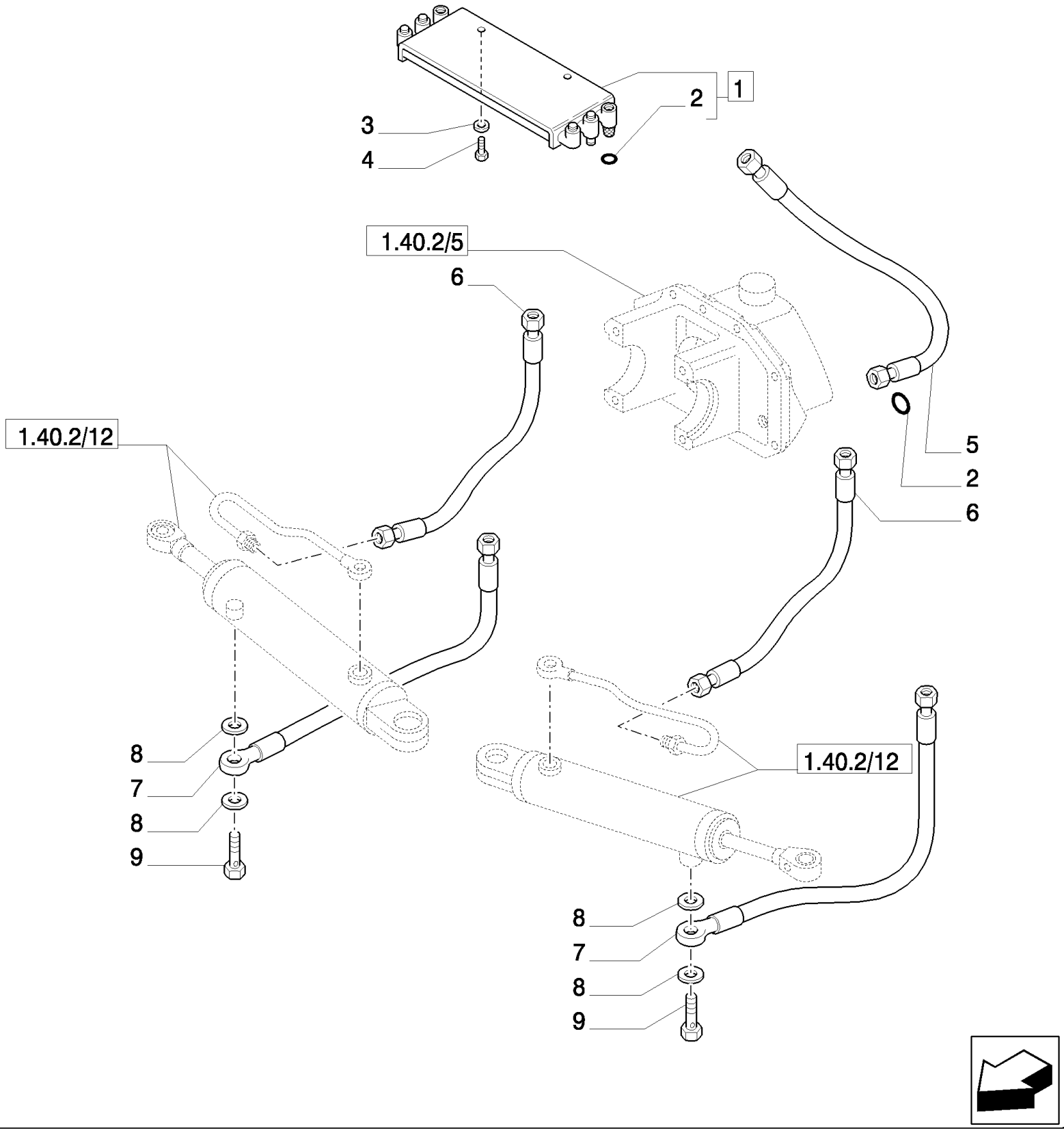
TM190 TRACTOR (6/02-) - Front Axle & Steering

1.42.0/01 POWER STEERING HYDRAULIC CONTROL

Ref	Part Number	Qty	Description
1	82019183	2	HOSE,
2	82026530	1	TUBE, RIGID, STEERING RETURN
3	82027016	1	TUBE, RIGID, STEERING FEED
4	82003133	1	SHIELD,
5	263117	1	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
6	82018784	1	TUBE, RIGID, RIGHT TURN
7	82018783	1	TUBE, RIGID, LEFT TURN
8	9993141	2	O-RING, -012, 90 Duro, .364" ID x .070" Thk,

1.42.0/02 (VAR.416) POWER STEERING HYDRAULIC CONTROL - W/SUPERSTEER FRONT AXLE

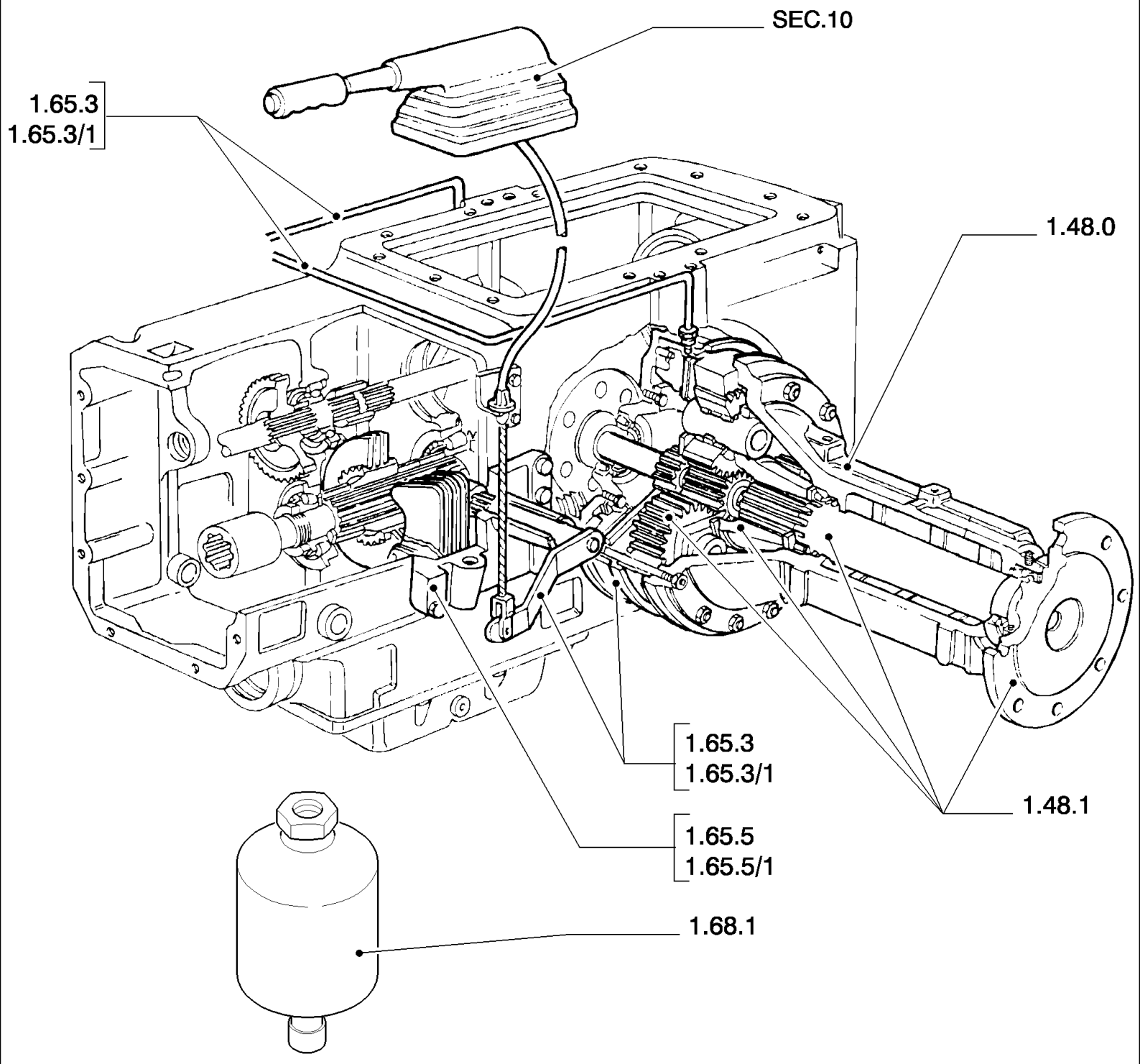




TM190 TRACTOR (6/02-) - Front Axle & Steering

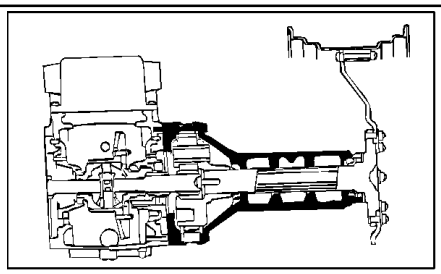
1.42.0/02 (VAR.416) POWER STEERING HYDRAULIC CONTROL - W/SUPERSTEER FRONT AXLE

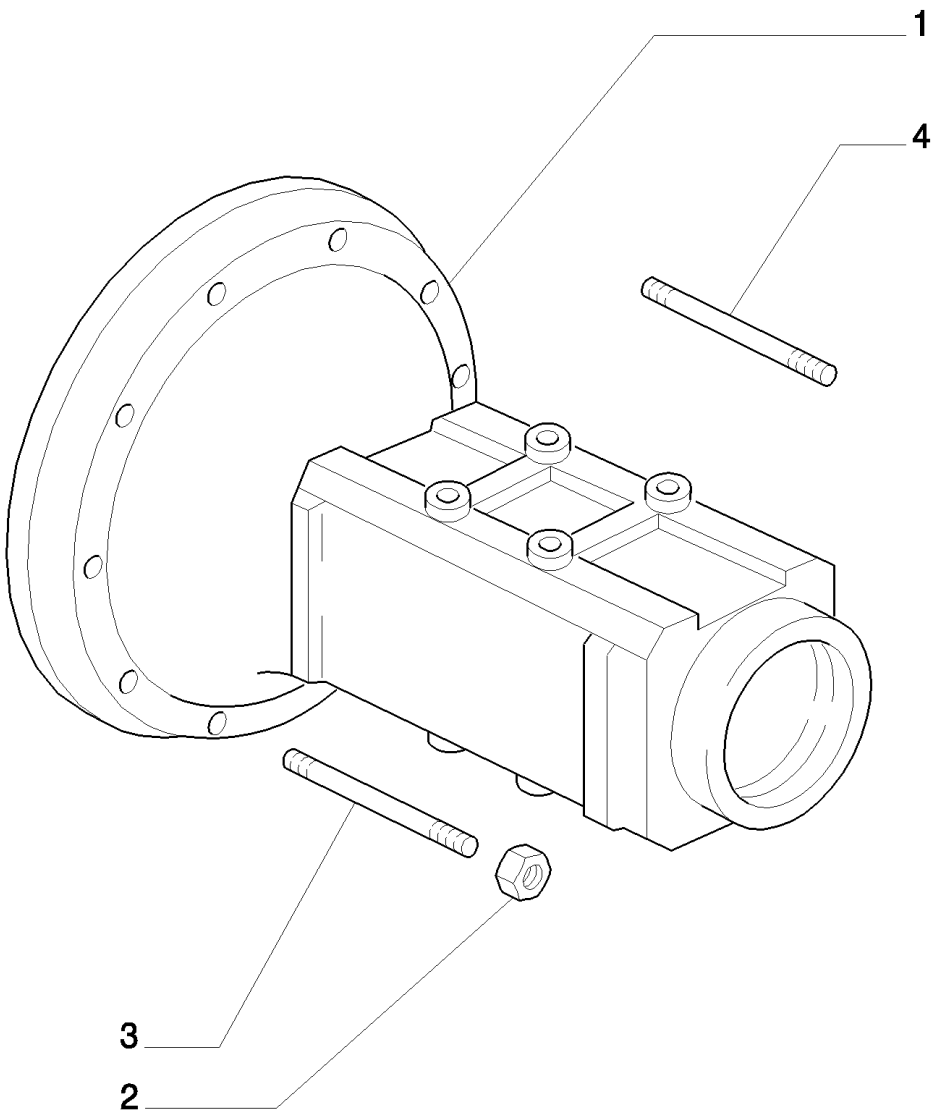
Ref	Part Number	Qty	Description
1	82026193	1	SUPPORT,
2	9993141	6	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
2	9992298	2	O-RING, -014, 90 Duro, .489" ID x .070" Thk,
3	12646704	2	WASHER, M8 x 20 x 2,
4	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
4	82019896	2	SCREW, M8 x 1.25 x 16
5	82017219	1	HOSE, FLEXIBLE,
6	82017220	2	HOSE, FLEXIBLE,
7	82018831	2	HOSE, FLEXIBLE,
8	44906168	4	SEAL,
9	4864083	2	BOLT, BANJO,


SEC.10
1.65.3
1.65.3/1
1.48.0
1.65.3
1.65.3/1
1.48.1
1.65.5
1.65.5/1
1.68.1

Ref	Part Number	Qty	Description

1.48.0/01 SIDE REDUCTION UNIT (FINAL DRIVE) HOUSING AND COVERS

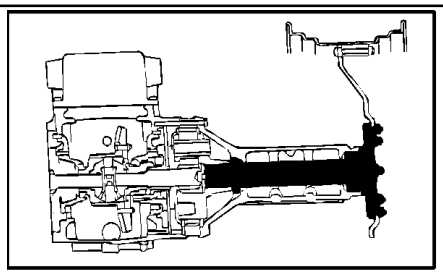


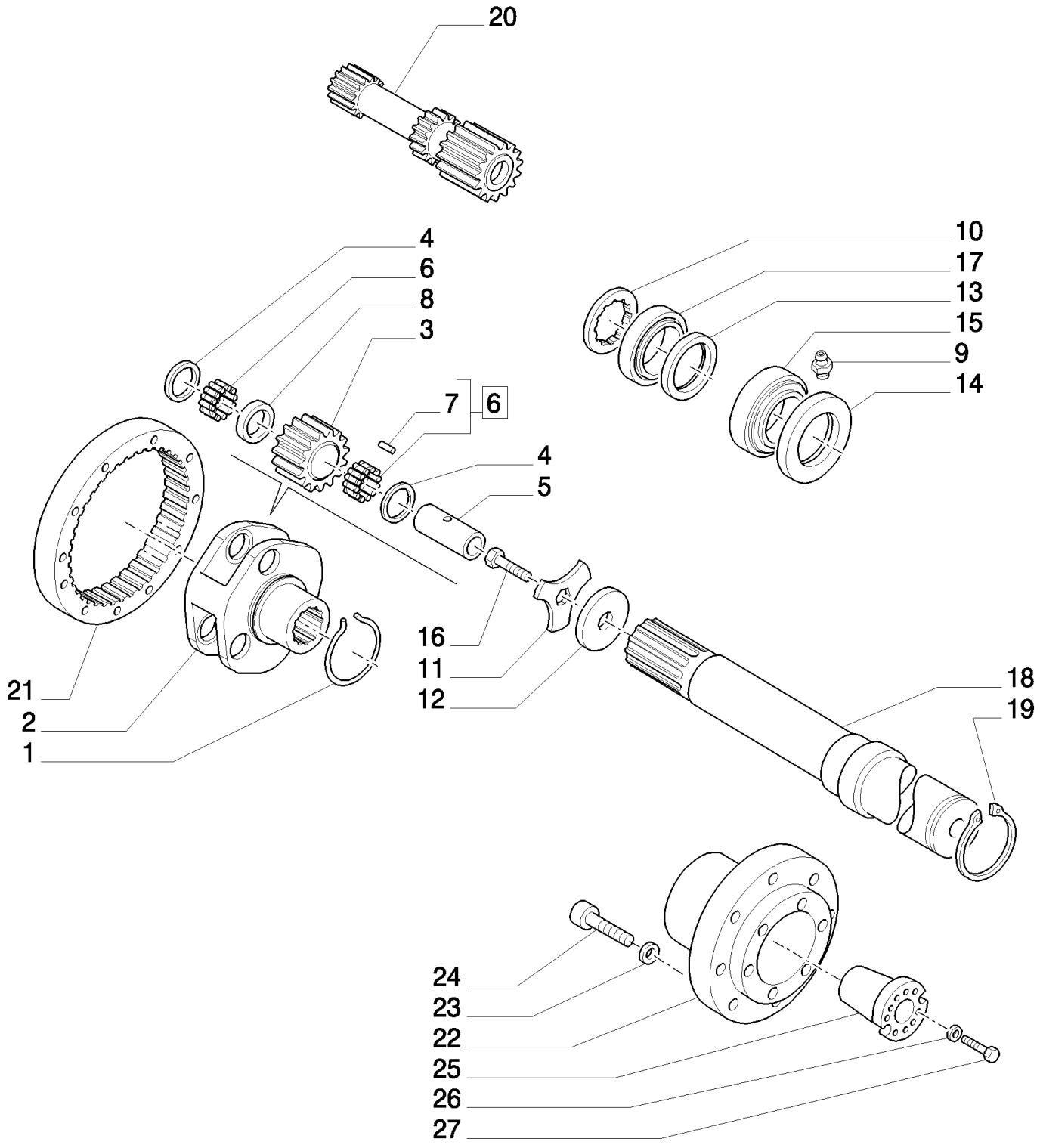


1.48.0/01 SIDE REDUCTION UNIT (FINAL DRIVE) HOUSING AND COVERS

Ref	Part Number	Qty	Description
1	47127211	2	HOUSING, FINAL DRIVE,
2	12164121	24	NUT, M16 x 1.5, Cl 10,
3	13973330	18	STUD, M16X32X105
4	13973630	6	SCREW, M16X32X120

1.48.1/01 FINAL DRIVE, GEARS AND SHAFTS



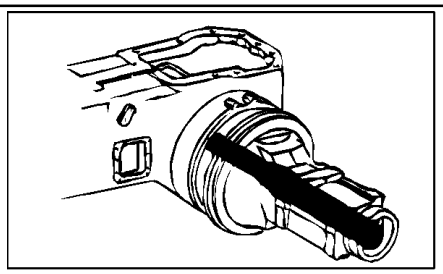


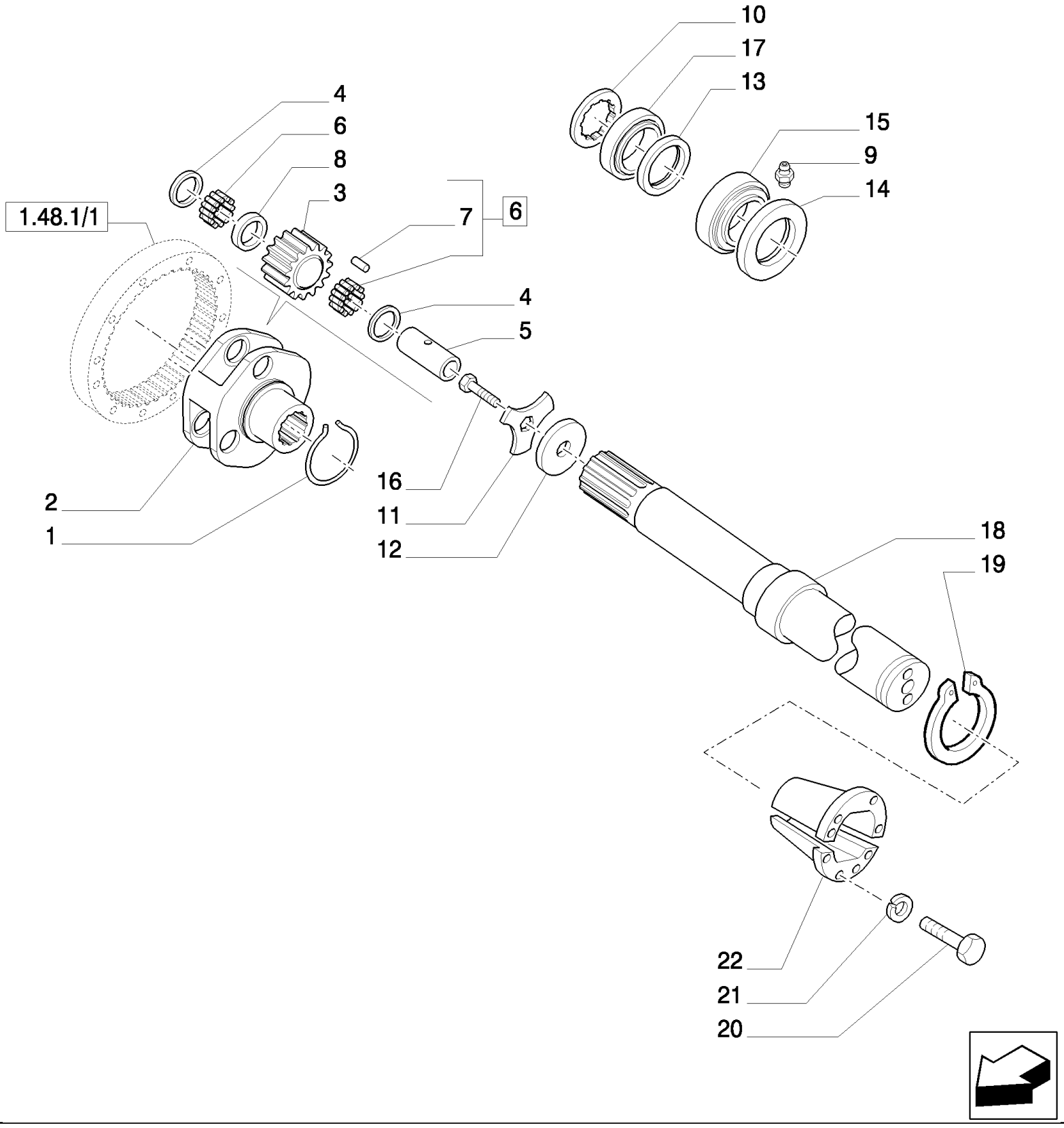
TM190 TRACTOR (6/02-) - Rear Axle

1.48.1/01 FINAL DRIVE, GEARS AND SHAFTS

Ref	Part Number	Qty	Description
1	5136132	2	RING, LOCKING,
2	5165494	2	SUPPORT,
3	87396411	6	PINION, IDLER,
4	5136128	12	WASHER, THRUST,
5	5136130	6	PIN,
6	5136131	6	BEARING ASSY,
7	5116733	62	NEEDLE ROLLER,
8	5136133	6	SPACER,
9	13407211	2	NIPPLE, LUBE, M10 x 1,
10	5121644	2	WASHER, THRUST,
11	5124397	2	PLATE, COVER,
12	5124797	2	DISC,
13	5165505	2	GASKET, 88X110X12
14	5196486	2	GASKET,
15	5188472	2	BEARING, ROLLER,
16	15992537	2	BOLT, Hex, M22 x 1.5 x 55, 10.9, Full Thd,
17	24903500	2	BEARING ASSY, 85X130X29
18	5198565	2	SHAFT, 98"
18	5199221	2	SHAFT, MAIN, 119" (VAR.181), BAR AXLE FOR STEEL WHEELS AND CAST WHEELS
19	11082176	2	RING, LOCKING, D=105
19	11071576	2	RING, SNAP, M95, Ext, (VAR.181), BAR AXLE FOR STEEL WHEELS AND CAST WHEELS
20	5195094	2	SHAFT,
21	5136126	2	GEAR, RING,
22	47126431	2	HUB,
23	47126236	20	WASHER, LOCK,
24	15204324	12	BOLT, Hex, M22 x 2.5 x 80, 8.8,
25	47126095	2	BUSHING,
25	5198567	2	BUSHING, (VAR.181), BAR AXLE FOR CAST WHEELS
26	11191974	12	WASHER, SPRING, Belleville, M23,
27	15225924	20	BOLT, Hex, M22 x 60, 8.8, Full Thd,

1.48.1/04 (VAR.431/2) 112" LONG AXLE FOR CAST DISC



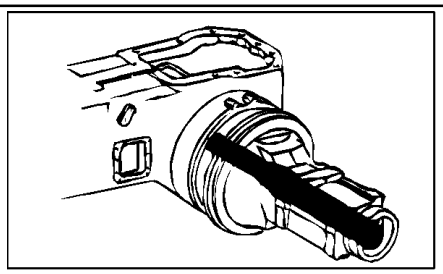


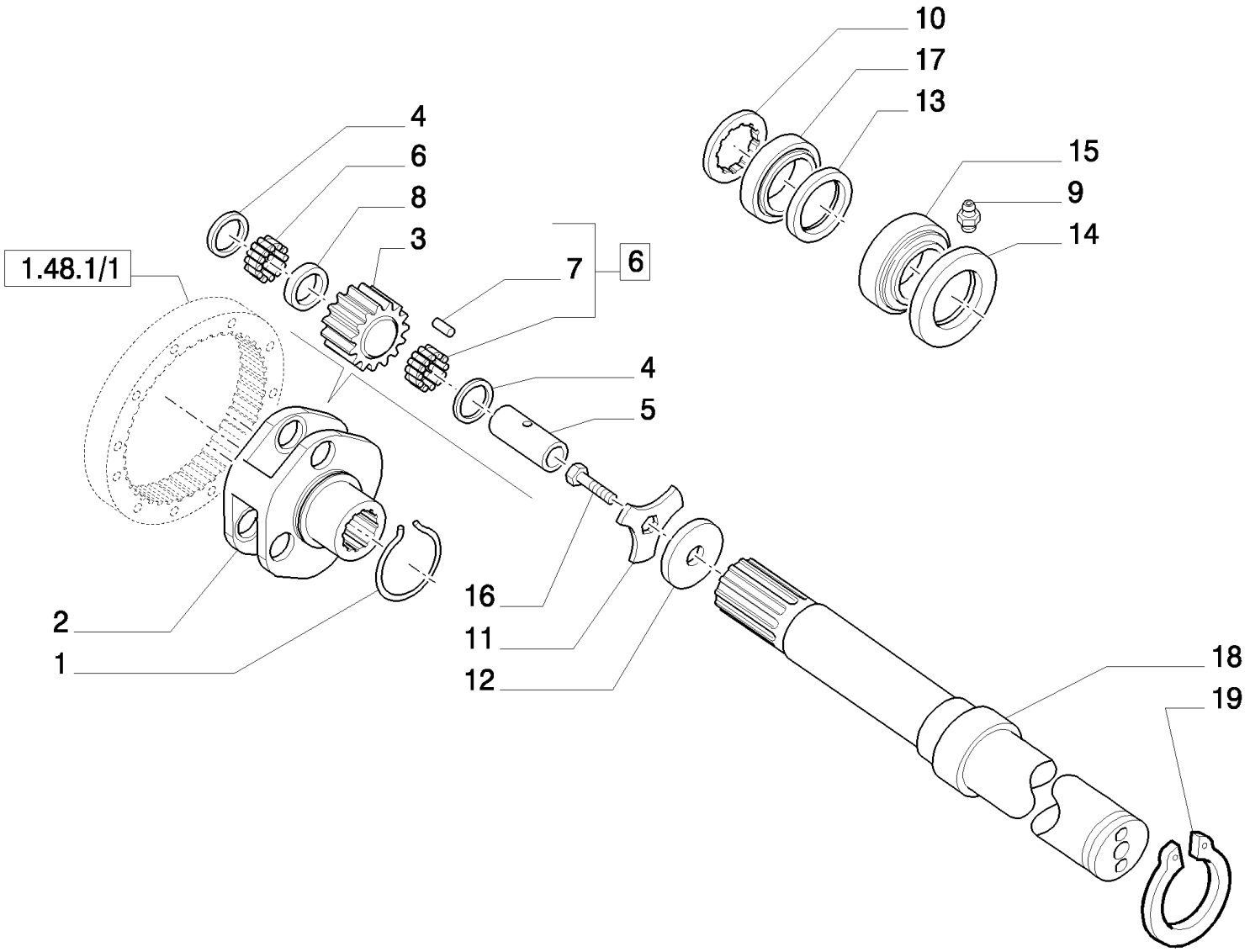
TM190 TRACTOR (6/02-) - Rear Axle

1.48.1/04 (VAR.431/2) 112" LONG AXLE FOR CAST DISC

Ref	Part Number	Qty	Description
1	5136132	2	RING, LOCKING,
2	5165494	2	SUPPORT,
3	87396411	6	PINION, IDLER,
4	5136128	12	WASHER, THRUST,
5	5136130	6	PIN,
6	5136131	6	BEARING ASSY,
7	5116733	54	NEEDLE ROLLER,
8	5136133	6	SPACER,
9	13407211	2	NIPPLE, LUBE, M10 x 1,
10	5121644	2	WASHER, THRUST,
11	5124397	2	PLATE, COVER,
12	5124797	2	DISC,
13	5165505	2	GASKET, 88X110X12
14	5196486	2	GASKET,
15	5188472	2	BEARING, ROLLER,
16	15992537	2	BOLT, Hex, M22 x 1.5 x 55, 10.9, Full Thd,
17	24903500	2	BEARING ASSY, 85X130X29
18	5198568	2	SHAFT, 112"
19	11082176	2	RING, LOCKING, D=105
20	11125337	12	BOLT, Hex, M20 x 80, 10.9,
21	87306816	12	WASHER, CONE, 20 x 36 x 4.5
22	5198567	2	BUSHING,

1.48.1/07 (VAR.431/5) 112" LONG AXLE FOR STEEL DISK



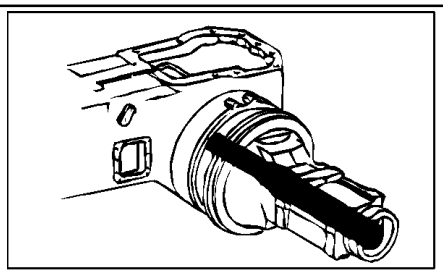


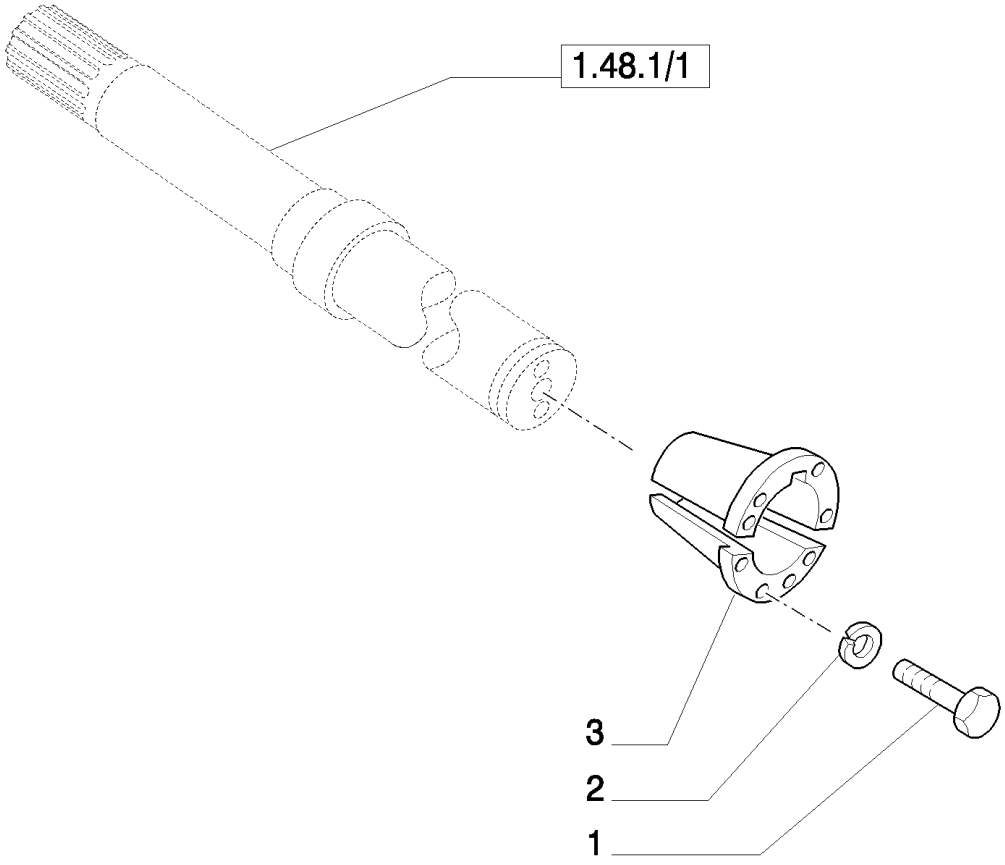
TM190 TRACTOR (6/02-) - Rear Axle

1.48.1/07 (VAR.431/5) 112" LONG AXLE FOR STEEL DISK

Ref	Part Number	Qty	Description
1	5136132	2	RING, LOCKING,
2	5165494	2	SUPPORT,
3	87396411	6	PINION, IDLER,
4	5136128	12	WASHER, THRUST,
5	5136130	6	PIN,
6	5136131	6	BEARING ASSY,
7	5116733	62	NEEDLE ROLLER,
8	5136133	6	SPACER,
9	13407211	2	NIPPLE, LUBE, M10 x 1,
10	5121644	2	WASHER, THRUST,
11	5124397	2	PLATE, COVER,
12	5124797	2	DISC,
13	5165505	2	GASKET, 88X110X12
14	5196486	2	GASKET,
15	5188472	2	BEARING, ROLLER,
16	15992537	2	BOLT, Hex, M22 x 1.5 x 55, 10.9, Full Thd,
17	24903500	2	BEARING ASSY, 85X130X29
18	5198568	2	SHAFT,
19	11082176	2	RING, LOCKING, D=105

1.48.1/10 (VAR.437/2) 98" LONG AXLE FOR CAST DISK



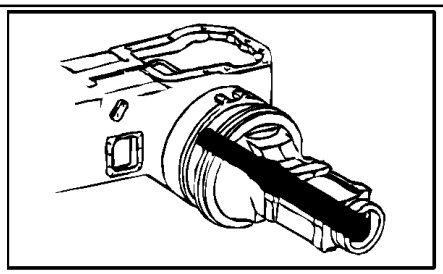


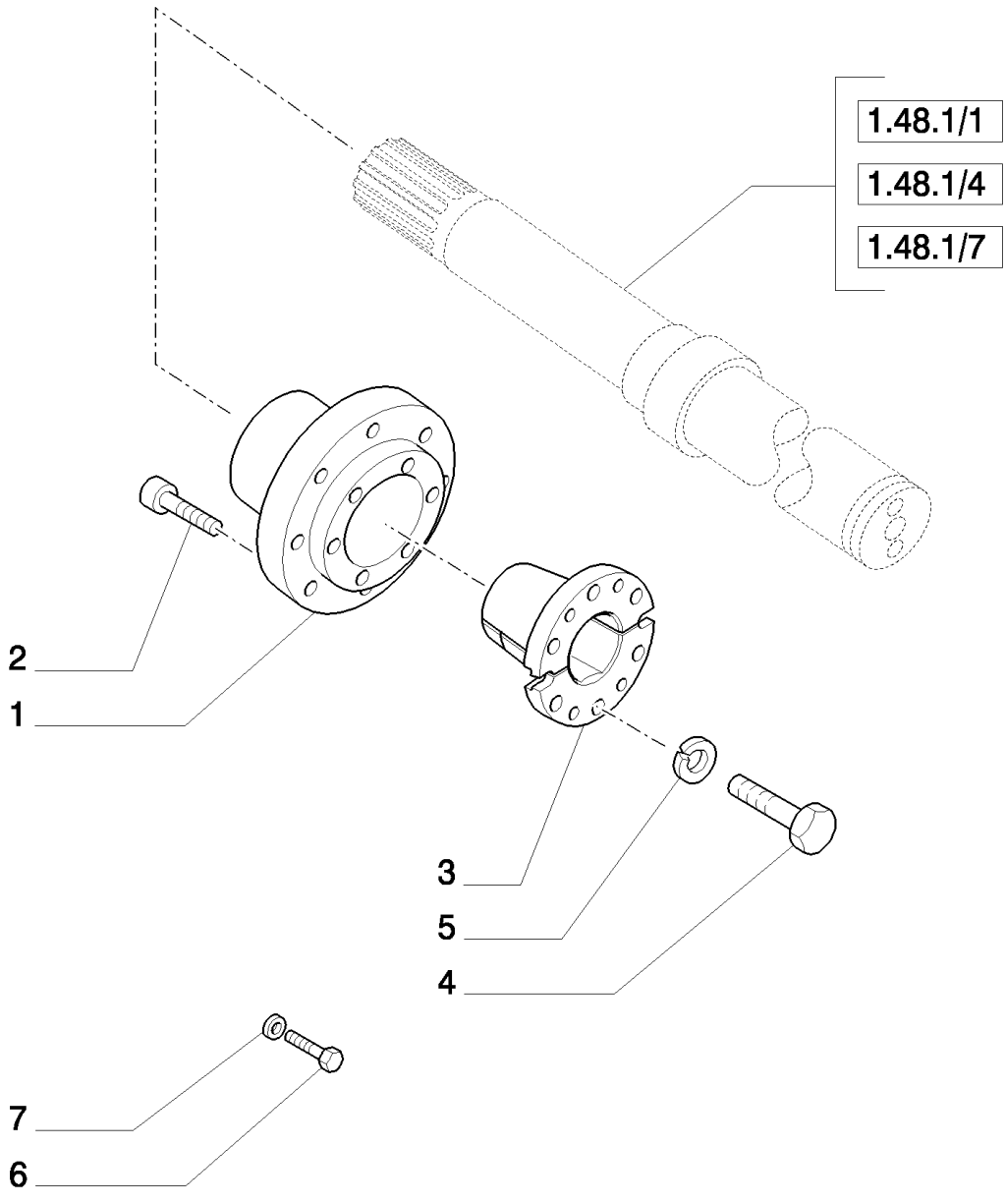
TM190 TRACTOR (6/02-) - Rear Axle

1.48.1/10 (VAR.437/2) 98" LONG AXLE FOR CAST DISK

Ref	Part Number	Qty	Description
1	11125337	12	BOLT, Hex, M20 x 80, 10.9,
2	87306816	12	WASHER, CONE, 20 x 36 x 4.5
3	5198567	2	BUSHING,

1.48.1/14 (VAR.438/1) EXTERNAL HUB FOR TWIN WHEELS WITH STEEL RIMS

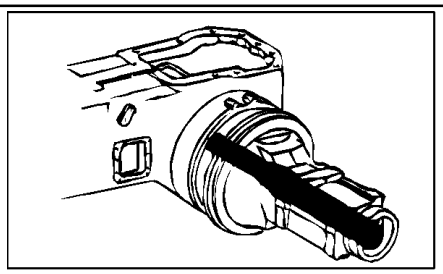


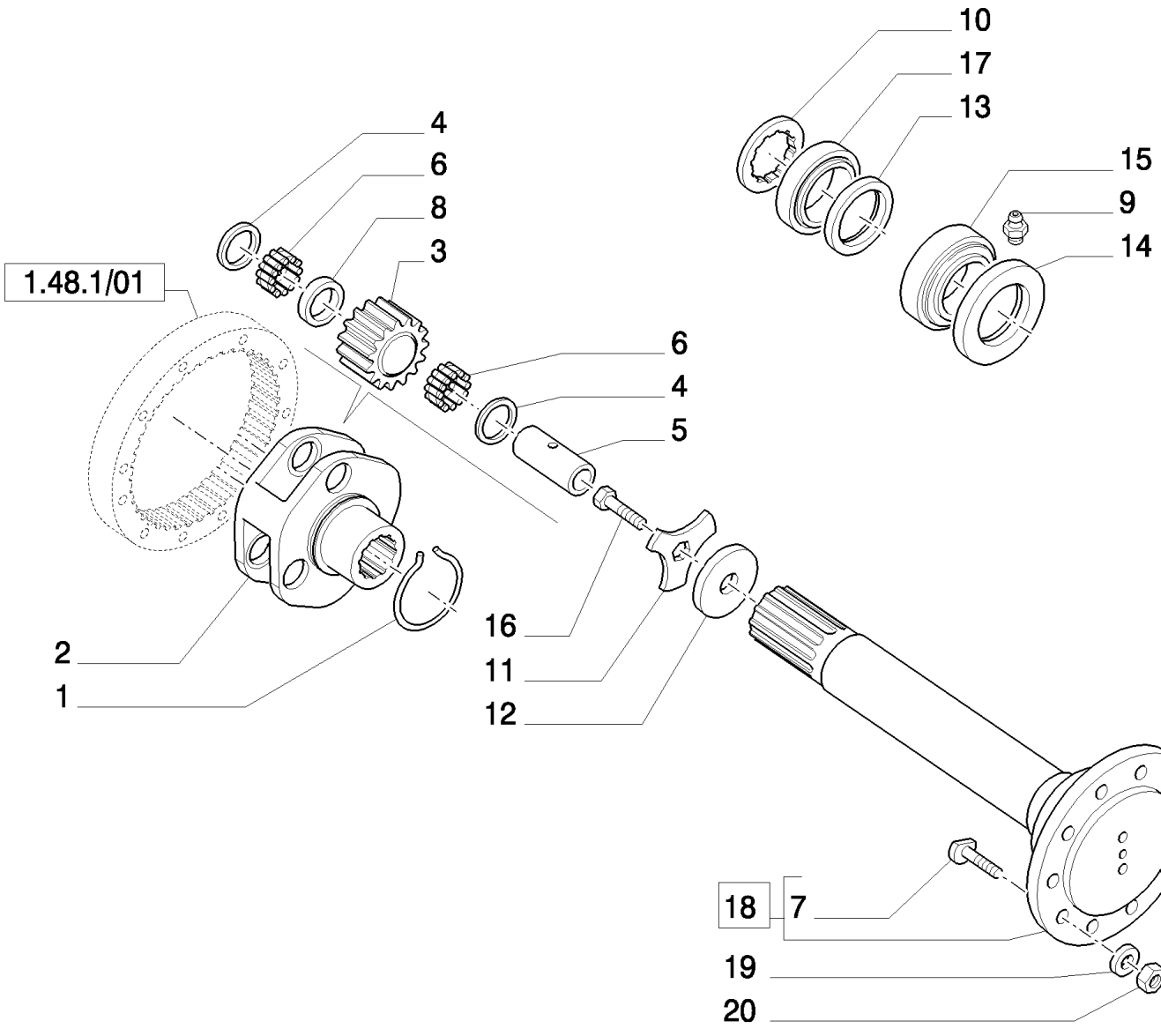


1.48.1/14 (VAR.438/1) EXTERNAL HUB FOR TWIN WHEELS WITH STEEL RIMS

Ref	Part Number	Qty	Description
1	47126431	2	HUB,
2	47133149	8	SCREW, M22X2,5X180
3	5198567	2	BUSHING, , BSN 219957
3	47126095	2	BUSHING, , ASN 219958
4	11125121	12	BOLT, Hex, M20 x 70, 8.8, , BSN 219957
5	87306816	12	WASHER, CONE, 20 x 36 x 4.5, BSN 219957
6	15204324	12	BOLT, Hex, M22 x 2.5 x 80, 8.8, , ASN 219958
7	11191974	12	WASHER, SPRING, Belleville, M23, , ASN 219958

1.48.1/15 (VAR.511) FLANGE TYPE REAR AXLE



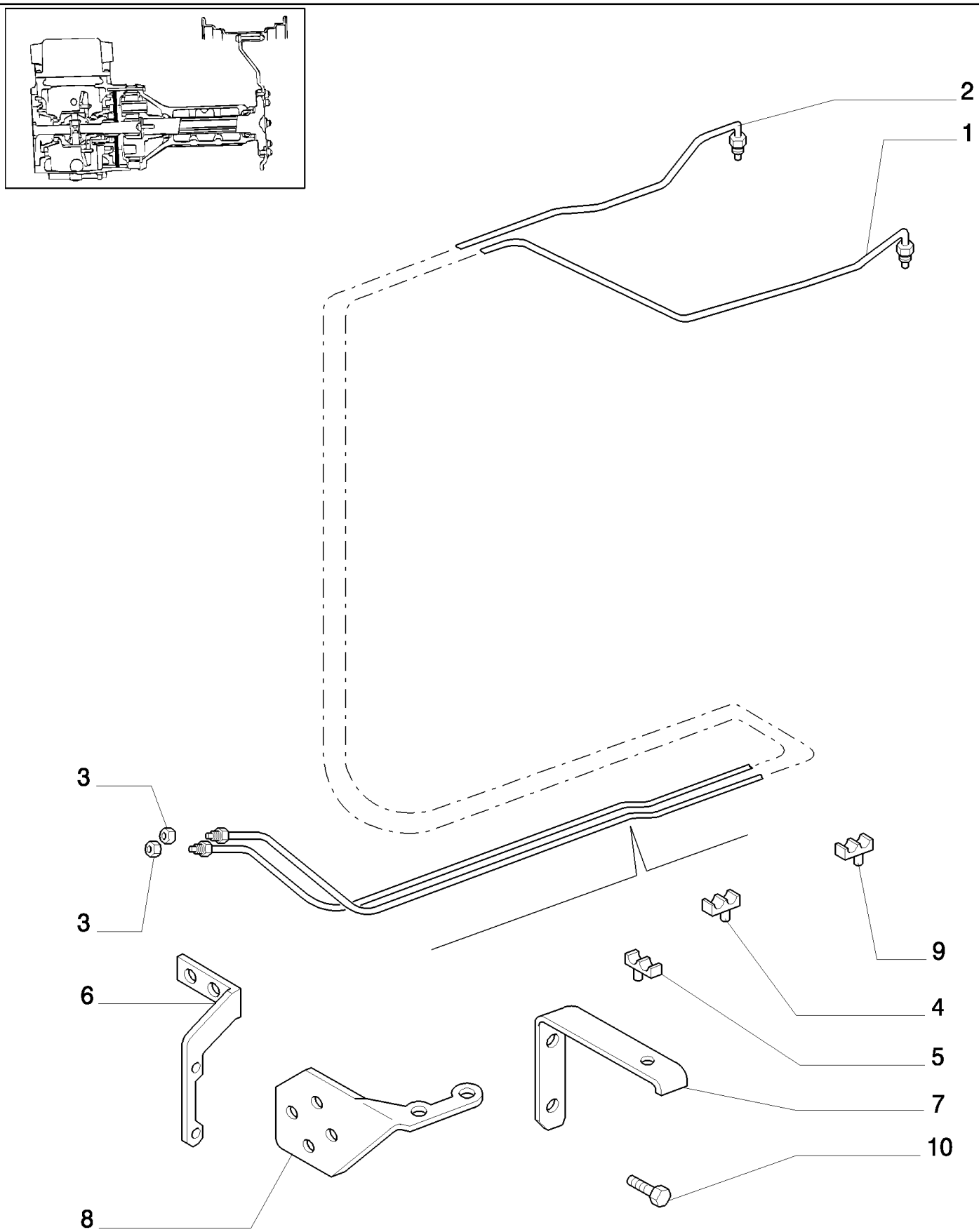


TM190 TRACTOR (6/02-) - Rear Axle

1.48.1/15 (VAR.511) FLANGE TYPE REAR AXLE

Ref	Part Number	Qty	Description
1	5136132	2	RING, LOCKING,
2	5165494	2	SUPPORT,
3	87396411	6	PINION, IDLER,
4	5136128	12	WASHER, THRUST,
5	5136130	6	PIN,
6	5136131	6	BEARING ASSY,
7	87307103	20	SCREW, M22x83
8	5136133	6	SPACER,
9	13407211	2	NIPPLE, LUBE, M10 x 1,
10	5121644	2	WASHER, THRUST,
11	5124397	2	PLATE, COVER,
12	5124797	2	DISC,
13	5165505	2	GASKET, 88X110X12
14	5196486	2	GASKET,
15	5188472	2	BEARING, ROLLER,
16	15992537	2	BOLT, Hex, M22 x 1.5 x 55, 10.9, Full Thd,
17	24903500	2	BEARING ASSY, 85X130X29
18	87307106	2	WHEEL SHAFT,
19	47126236	20	WASHER, LOCK,
20	10719824	20	NUT, M22

1.65.3/01(01) TRANSMISSION BRAKES

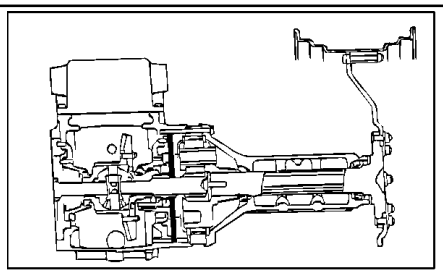


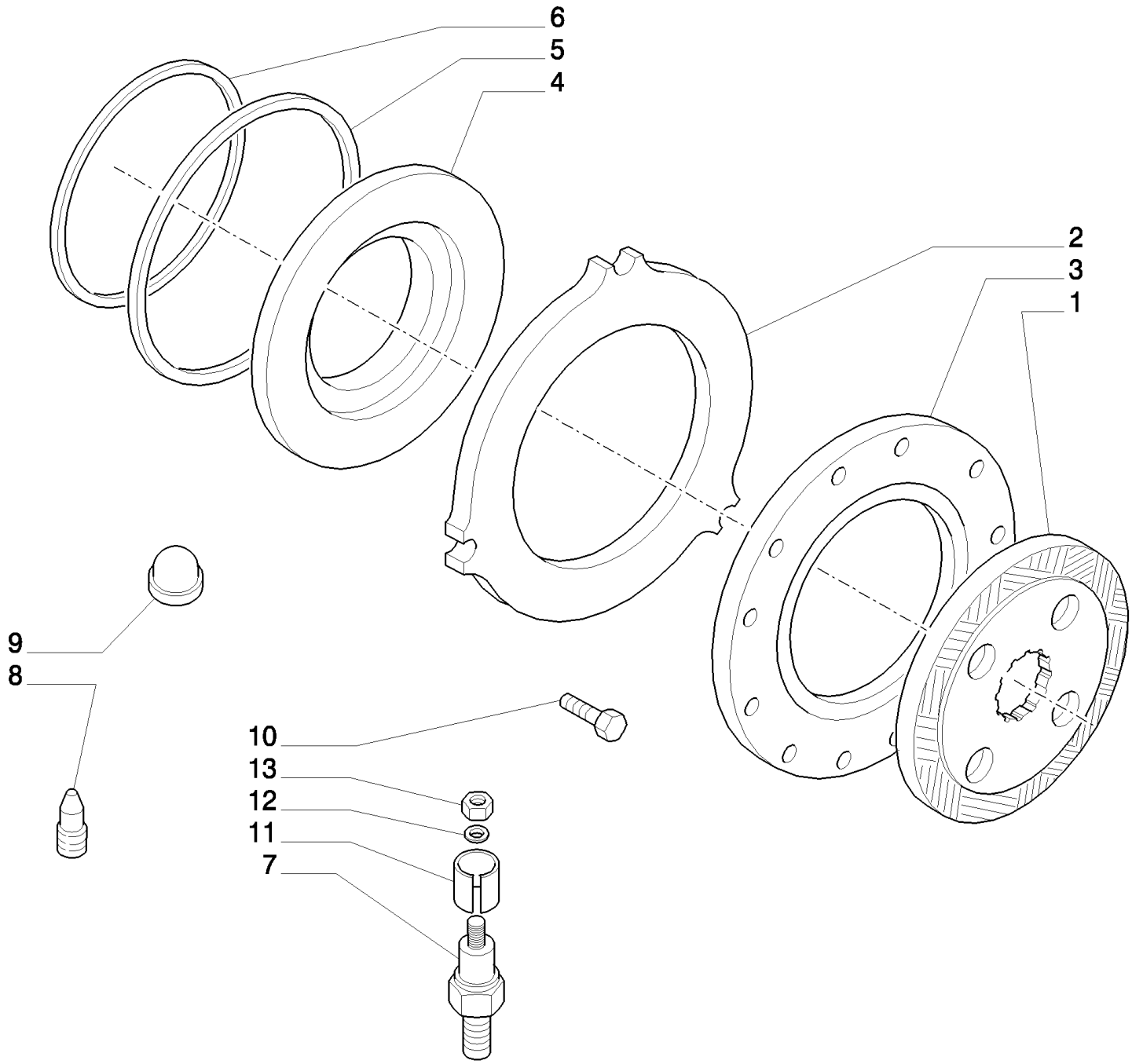
TM190 TRACTOR (6/02-) - Rear Axle

1.65.3/01(01) TRANSMISSION BRAKES

Ref	Part Number	Qty	Description
1	47123556	1	TUBE, RIGID, LH
2	47123555	1	TUBE, RIGID, RH
3	10726621	2	NUT, Thin, M18 x 1.5, Cl 05,
4	14575280	1	CLIP, SPRING,
5	14575380	2	RETAINER,
6	82019066	1	BRACKET,
7	47125329	1	BRACKET,
8	47123559	1	BRACKET,
9	14581180	1	CLIP, SPRING,
10	15853121	1	BOLT, Hex, M10 x 1.25 x 10, 8.8, Full Thd,

1.65.3/01(02) TRANSMISSION BRAKES



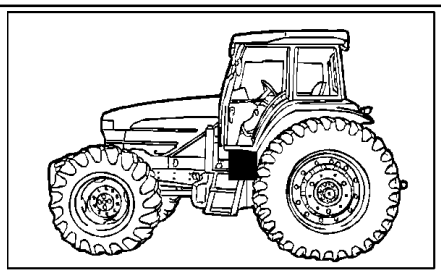


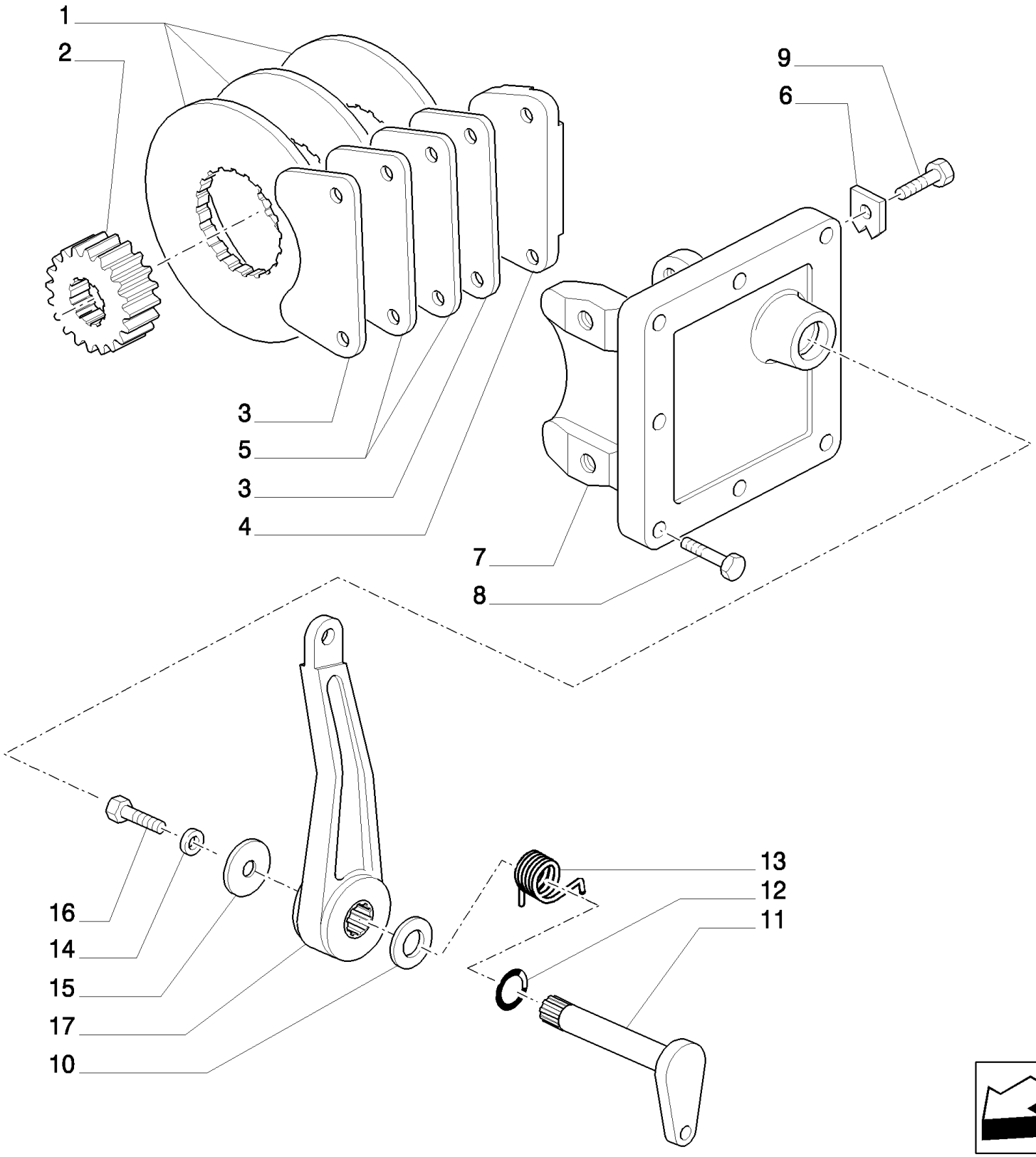
TM190 TRACTOR (6/02-) - Rear Axle

1.65.3/01(02) TRANSMISSION BRAKES

Ref	Part Number	Qty	Description
1	47126358	4	BRAKE DISC,
2	5185950	2	BRAKE DISC,
3	5185968	2	BRAKE DISC,
4	5195093	2	PISTON,
5	5165512	2	SEAL,
6	5195253	2	GASKET,
7	5195192	1	PIN,
8	5152383	2	PLUG, DRAIN,
9	5171793	2	PLUG,
10	14274934	24	SCREW, M12X1,25X50
11	5187998	1	BUSHING,
12	12646724	1	WASHER, M8 x 20 x 2,
13	14048221	1	NUT, LOCK, M8 x 1.25, Cl 10,

1.65.5/01(01) BRAKES PARKING



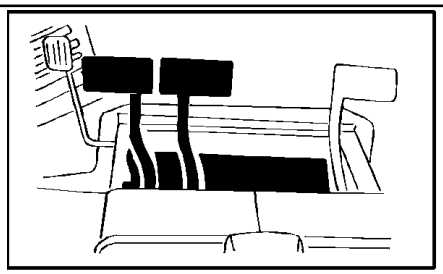


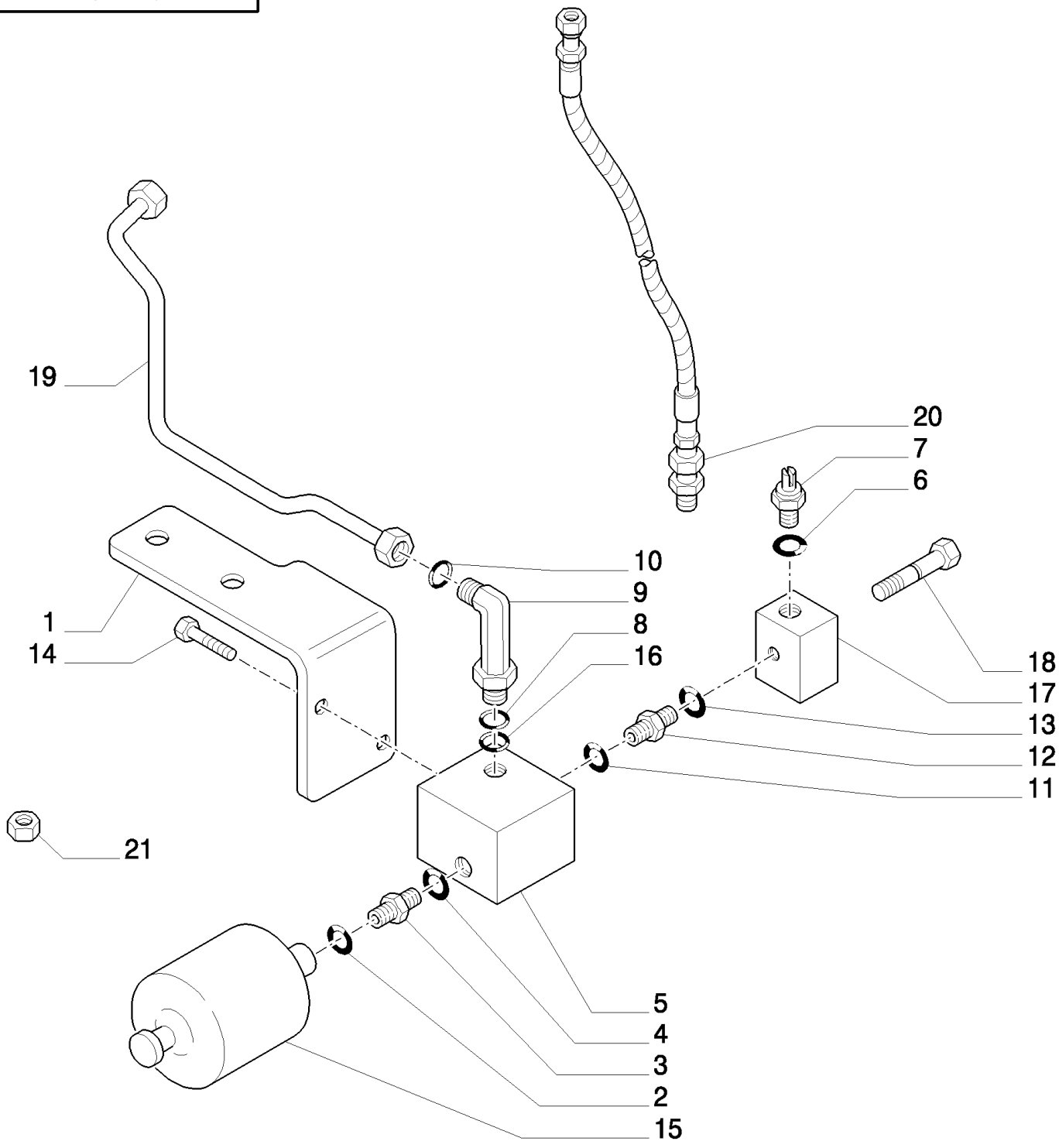
TM190 TRACTOR (6/02-) - Rear Axle

1.65.5/01(01) BRAKES PARKING

Ref	Part Number	Qty	Description
1	5196708	6	BRAKE DISC,
2	5195109	1	HUB,
3	5196712	2	SECTOR, TOOTHED,
4	5196714	1	BRAKE SHOE,
5	5196706	5	SECTOR, TOOTHED,
6	14199011	2	PLATE, LOCKING,
7	5198145	1	SUPPORT,
8	11307024	8	BOLT, Hex, M10 x 1.25 x 40, 8.8, Full Thd,
9	5196744	2	SCREW,
10	5198146	1	RING,
11	5198143	1	LEVER,
12	14458081	1	O-RING, -122, Cl 7, 1.112" ID x .103" Thk,
13	5196845	1	SPRING,
14	11193874	1	WASHER, SPRING, Belleville, M8.4,
15	13578404	1	WASHER, M8 x 36 x 2.5,
16	16043224	1	BOLT, Hex, M8 x 16, 8.8, Full Thd,
17	47127228	1	LEVER,

1.68.1 OIL BRAKES TANK





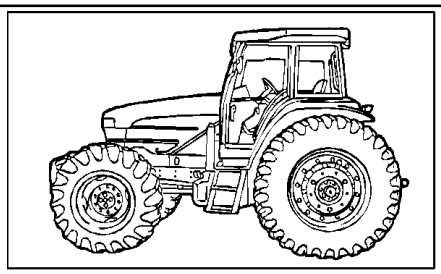
TM190 TRACTOR (6/02-) - Rear Axle

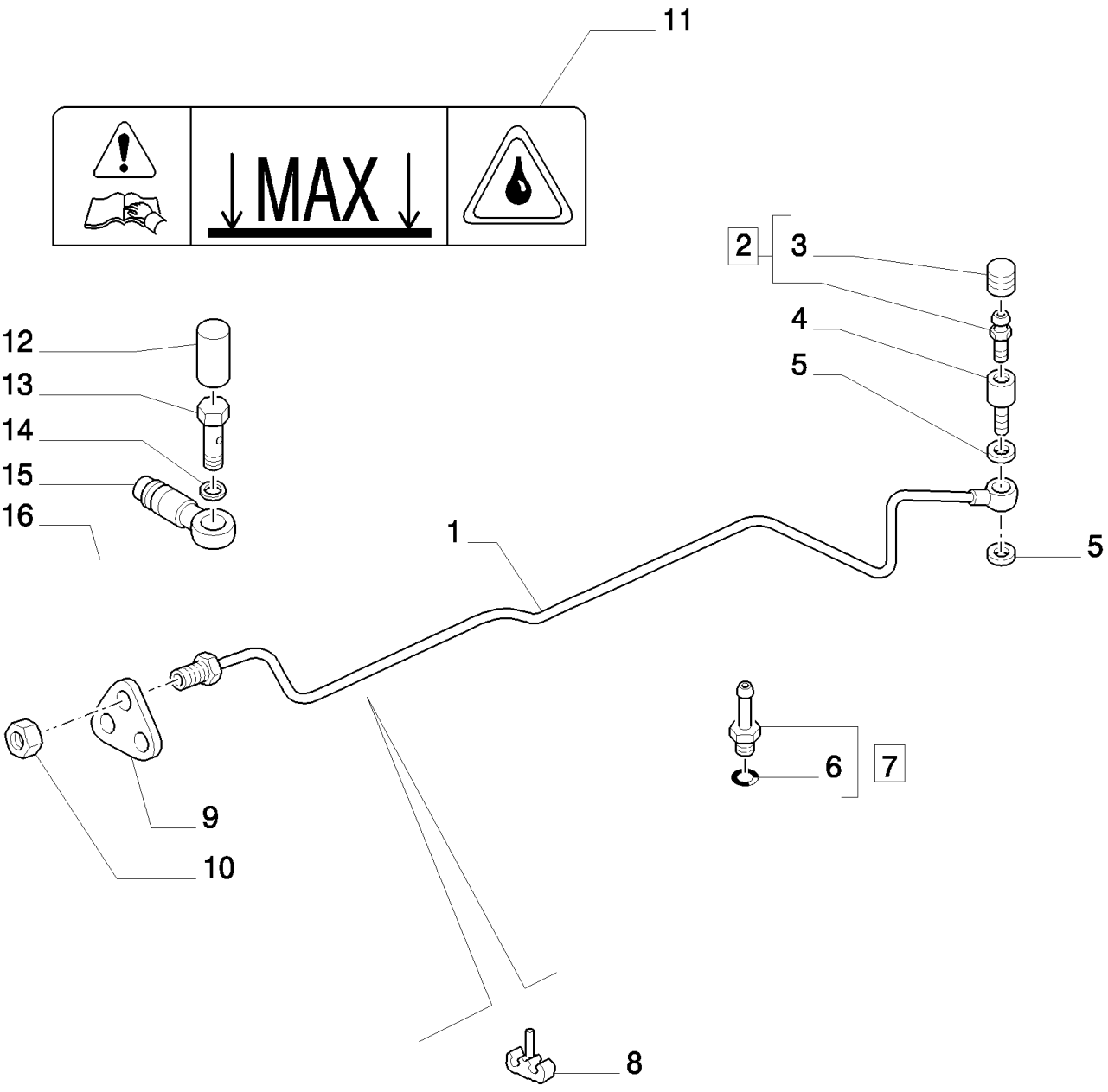
1.68.1 OIL BRAKES TANK

Ref	Part Number	Qty	Description
1	5199472	1	SUPPORT, , D4832-
2	14457281	1	O-RING, -114, Cl 7, .612" ID x .103" Thk,
3	5186462	1	CONNECTOR, HYD.,
4	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
5	5199762	1	SUPPORT,
6	5183780	3	WASHER, SEALING,
7	82029539	1	SWITCH,
8	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,
9	5199763	1	CONNECTOR, HYD., , -C4832
9	47124033	1	ELBOW, , D4832-
10	5185510	1	O-RING, 1,78 x 9,25
11	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
12	5194065	1	CONNECTOR, HYD.,
13	5185511	1	O-RING, 12.42 x 1.78
14	15970724	4	BOLT, Hex, M10 x 1.25 x 25, 8.8, Full Thd,
15	5195043	1	ACCUMULATOR,
16	14453081	1	O-RING, -013, Cl 7, .426" ID x .070" Thk,
17	5198570	1	BLOCK,
18	5198569	1	BOLT, BANJO,
19	47126530	1	TUBE, RIGID, , -C4832
19	47127102	1	TUBE, RIGID, , D4832-
20	82031949	1	HOSE, FLEXIBLE,
21	47123076	2	NUT,

D4832 After Date 07/02/03

1.68.5/01(01) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - BRAKE PIPES



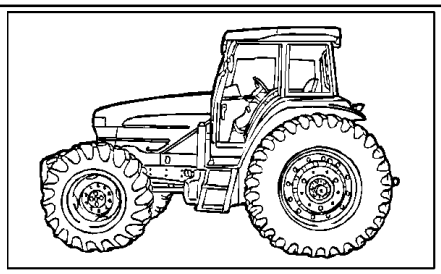


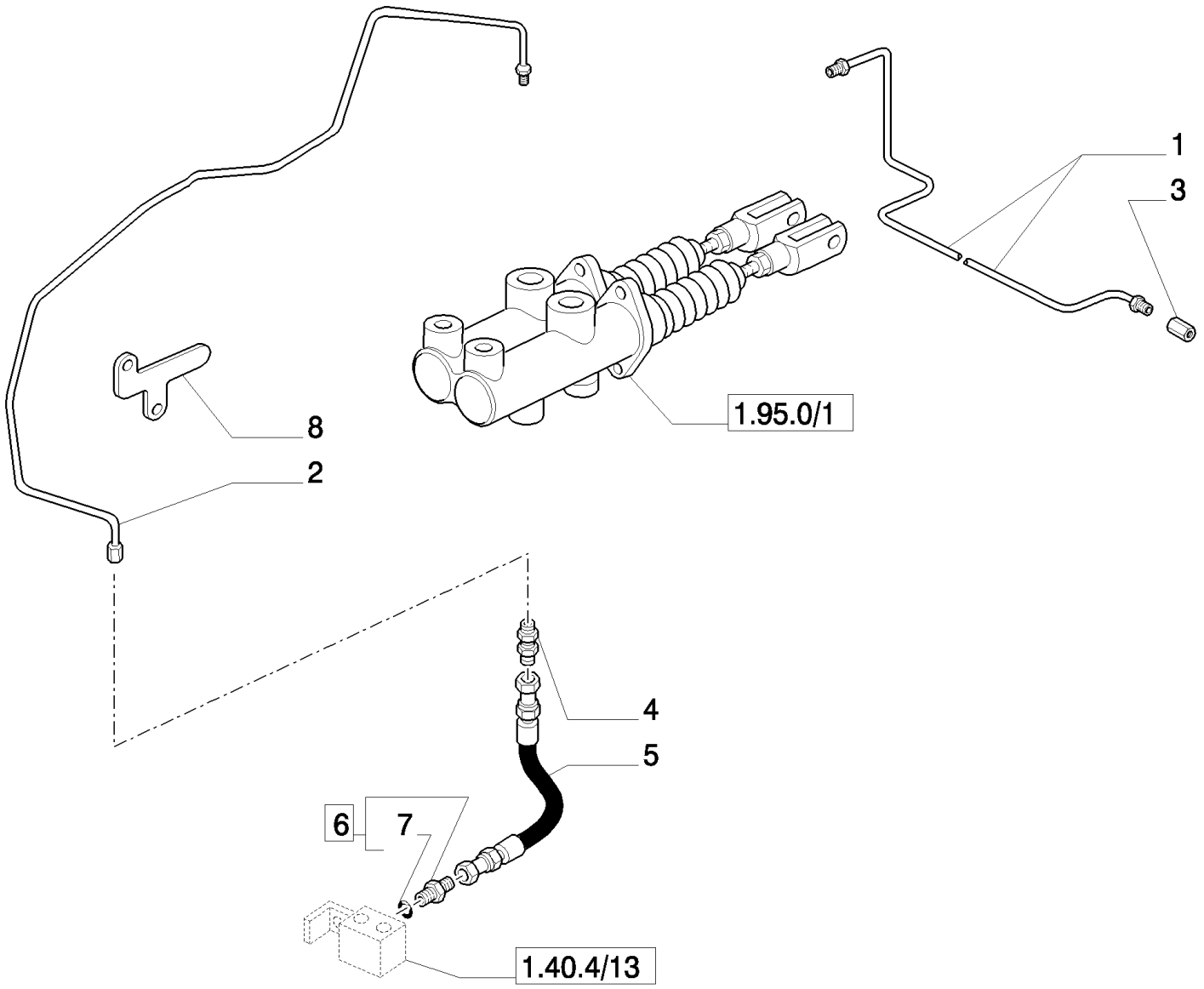
TM190 TRACTOR (6/02-) - Rear Axle

1.68.5/01(01) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - BRAKE PIPES

Ref	Part Number	Qty	Description
1	82016065	1	TUBE, RIGID, (TM120, TM130, TM140, TM155)
1	82031957	1	HOSE, FLEXIBLE, (TM175, TM190)
2	81874592	1	SCREW, BLEED,
3	81871475	1	COVER,
4	82018915	1	BOLT, BANJO,
5	10261060	2	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
6	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,
7	82016256	1	CONNECTOR, HYD.,
8	14575380	1	RETAINER,
9	82019072	1	SUPPORT,
10	10726621	1	NUT, Thin, M18 x 1.5, Cl 05,
11	82013371	1	DECAL,
12	44995074	1	PLUG,
13	5121685	1	BOLT, BANJO,
14	5183780	1	WASHER, SEALING,
15	82030175	1	VALVE,
16	82030788	1	SHIELD,

1.68.5/01(03) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - BRAKE PIPES

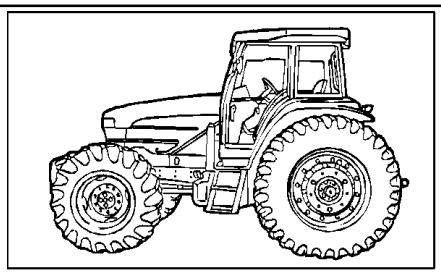


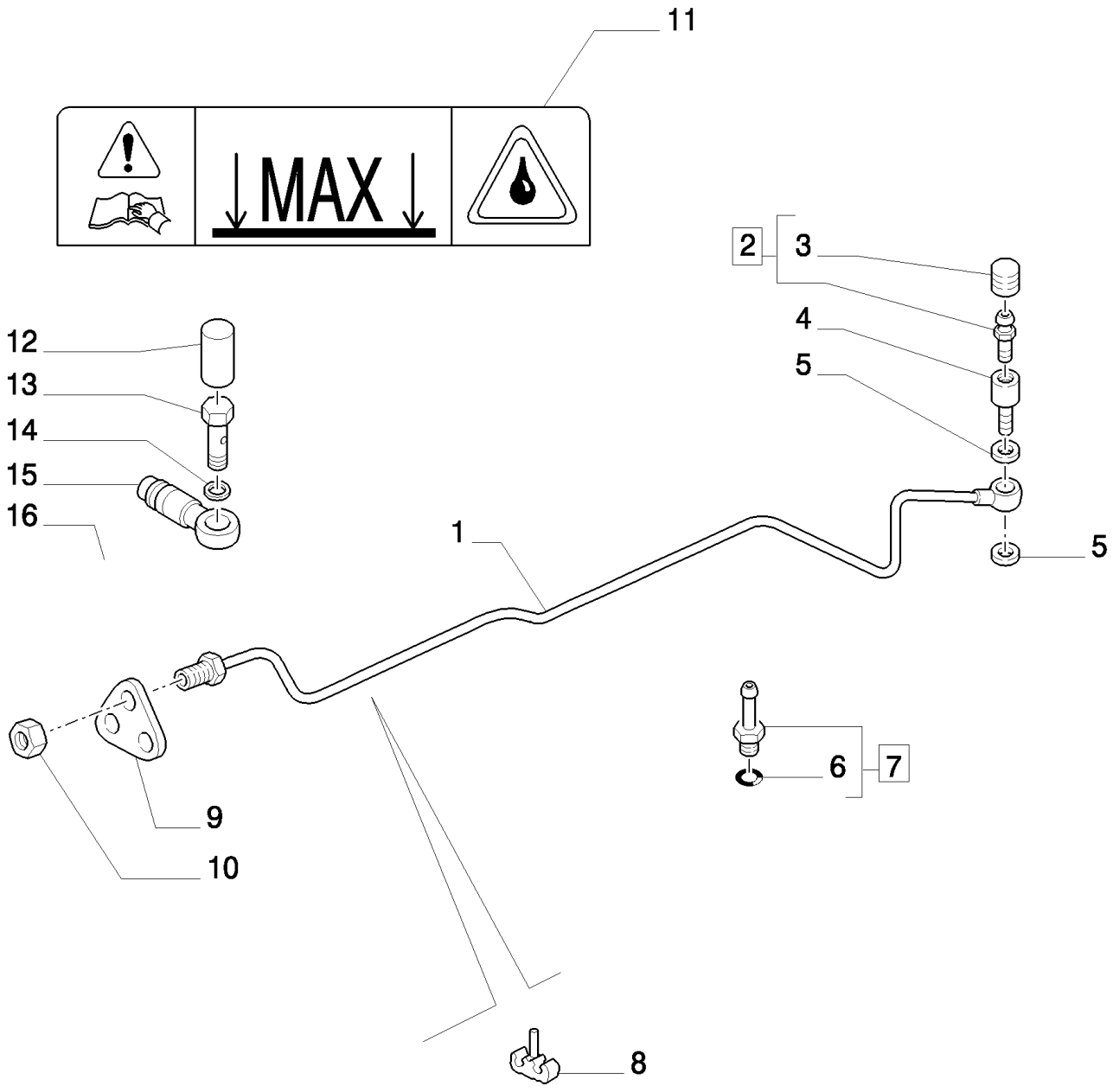


1.68.5/01(03) (VAR.452) 4WD FRONT AXLE WITH BRAKES FOR TERRALOCK - BRAKE PIPES

Ref	Part Number	Qty	Description
1	82029736	1	TUBE, RIGID,
2	82019484	1	TUBE, RIGID,
3	81863742	1	COUPLING,
4	82023790	1	ADAPTER,
5	82016545	1	TUBE, RIGID,
6	82015298	1	CONNECTOR, HYD.,
7	83999938	1	SEAL, 15.7 x 20.9 x 1.5
8	82026165	1	BRACKET,

1.68.5/03(01) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BRAKE PIPES



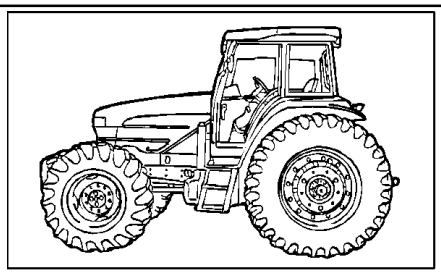


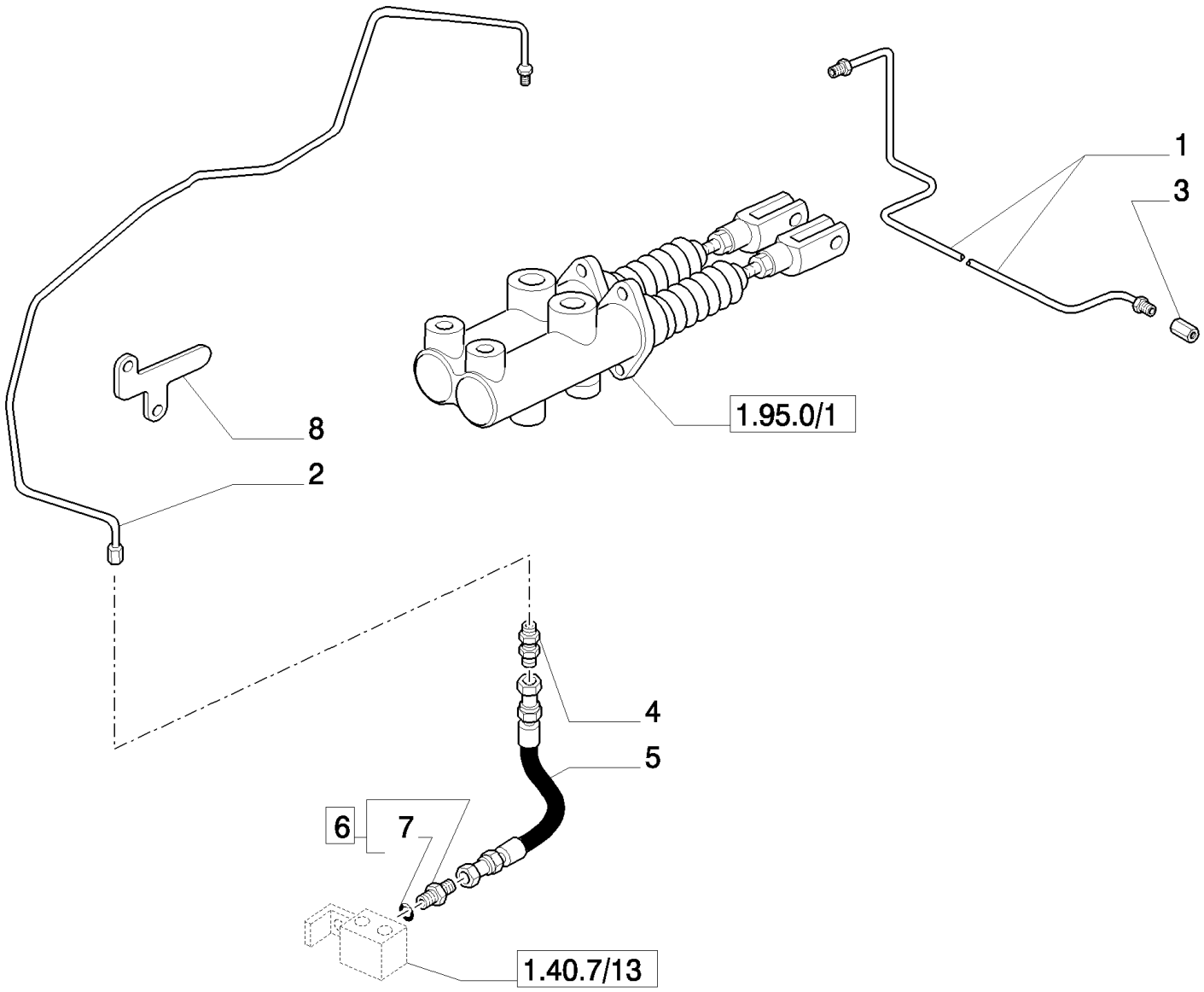
TM190 TRACTOR (6/02-) - Rear Axle

1.68.5/03(01) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BRAKE PIPES

Ref	Part Number	Qty	Description
1	82016065	1	TUBE, RIGID, (TM120, TM130, TM140, TM155)
1	82031957	1	HOSE, FLEXIBLE, (TM175, TM190)
2	81874592	1	SCREW, BLEED,
3	81871475	1	COVER,
4	82018915	1	BOLT, BANJO,
5	10261060	2	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
6	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,
7	82016256	1	CONNECTOR, HYD.,
8	14575380	1	RETAINER,
9	82019072	1	SUPPORT,
10	10726621	1	NUT, Thin, M18 x 1.5, Cl 05,
11	82013371	1	DECAL,
12	44995074	1	PLUG,
13	5121685	1	BOLT, BANJO,
14	5183780	1	WASHER, SEALING,
15	82030175	1	VALVE,
16	82030788	1	SHIELD,

1.68.5/03(03) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BRAKE PIPES

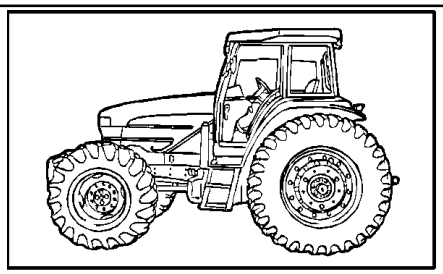


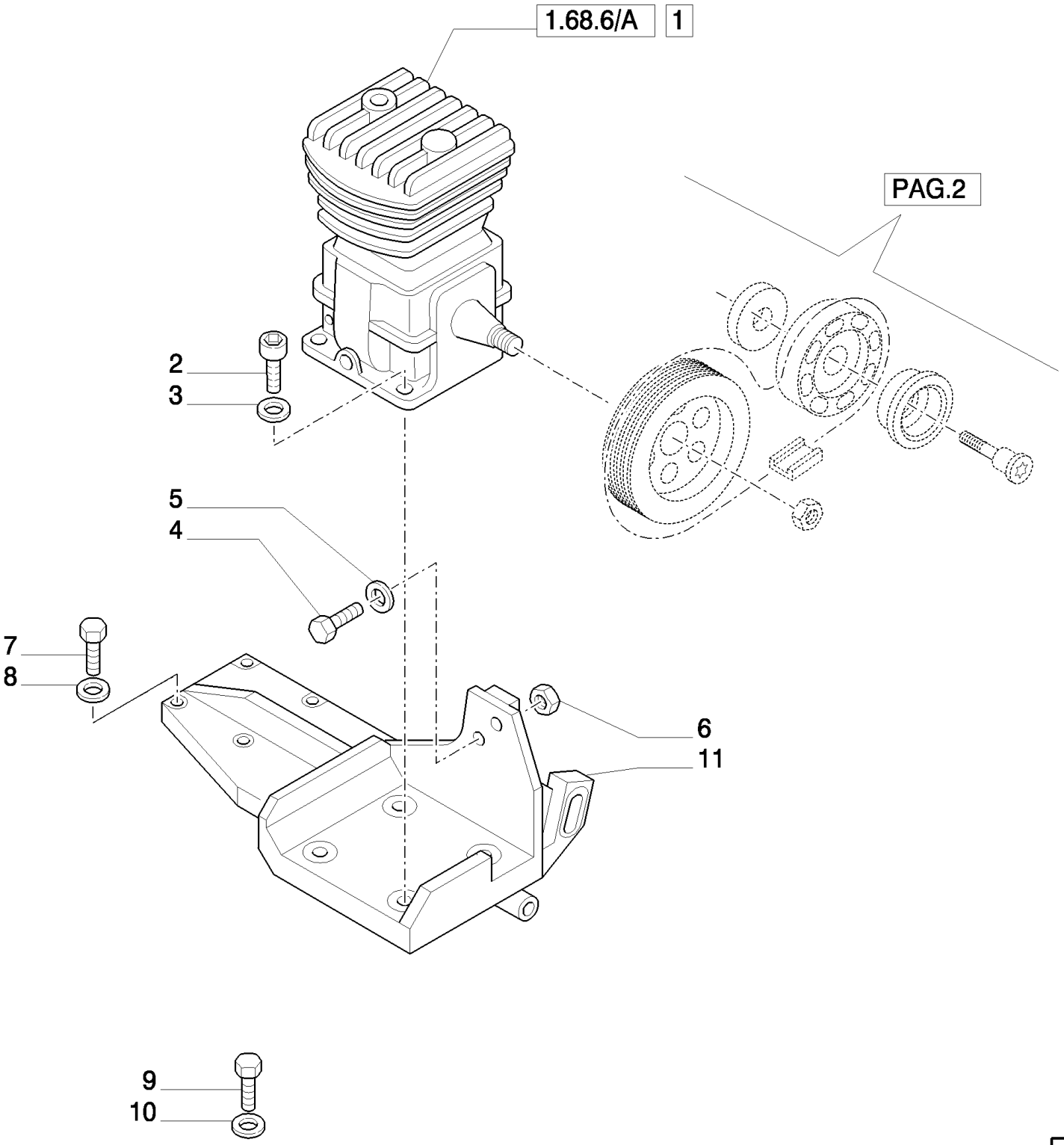


1.68.5/03(03) (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - BRAKE PIPES

Ref	Part Number	Qty	Description
1	82029736	1	TUBE, RIGID,
2	82019484	1	TUBE, RIGID,
3	81863742	1	COUPLING,
4	82023790	1	ADAPTER,
5	82023776	1	HOSE, FLEXIBLE,
6	82015298	1	CONNECTOR, HYD.,
7	83999938	1	SEAL, 15.7 x 20.9 x 1.5
8	82026165	1	BRACKET,

1.68.6(01) (VAR.178) TRAILER AIR BRAKE UK - BRACKET FOR AIR COMPRESSOR



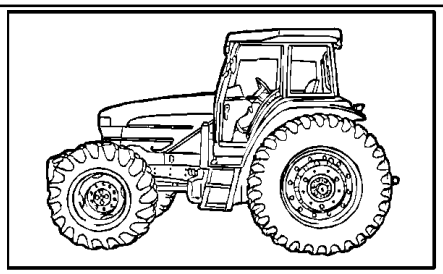


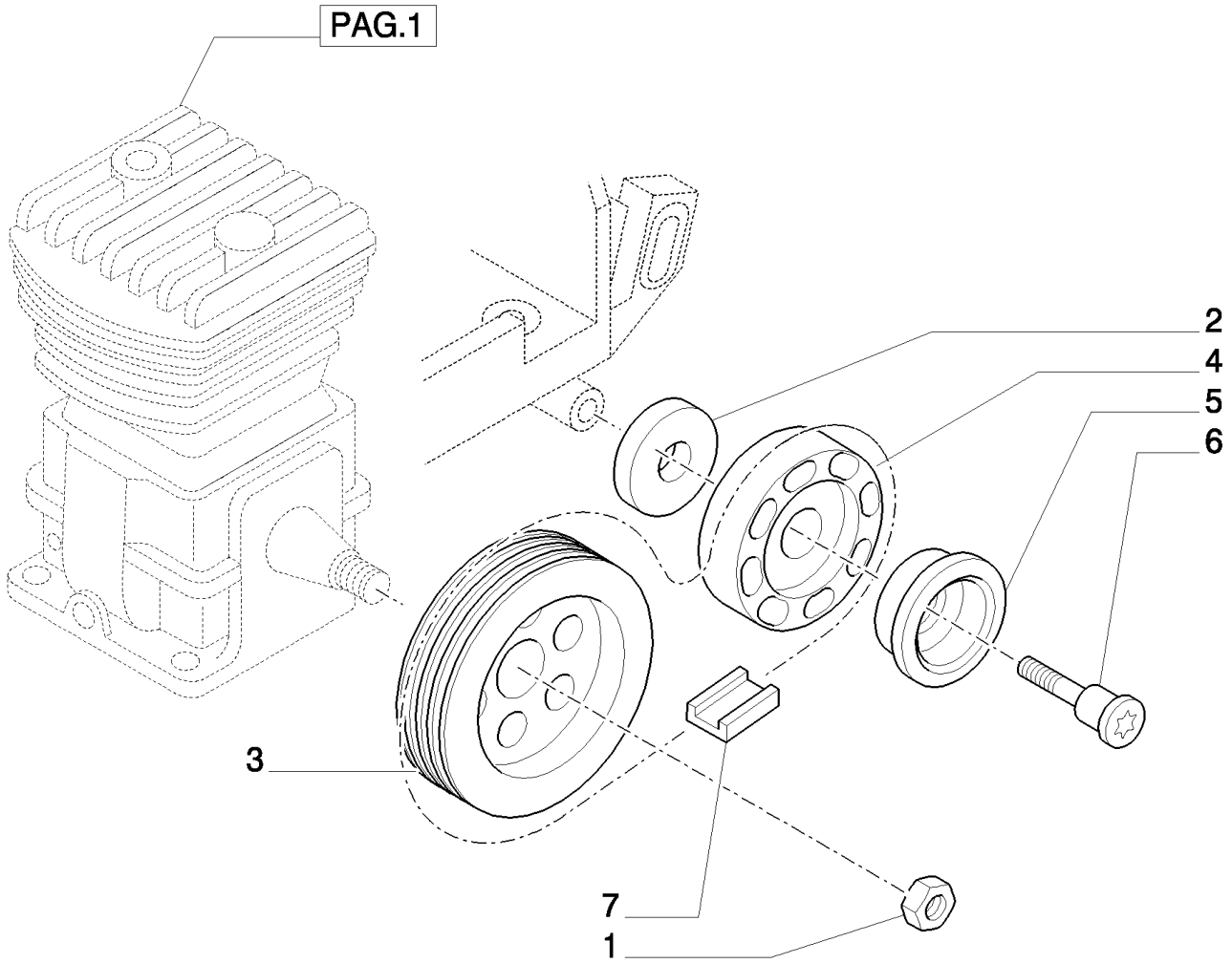
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6(01) (VAR.178) TRAILER AIR BRAKE UK - BRACKET FOR AIR COMPRESSOR

Ref	Part Number	Qty	Description
1	82003029	1	COMPRESSOR, AIR, ASSY
2	14306624	4	SCREW, Hex Soc Hd, M8 x 35, 10.9,
3	80681	4	WASHER, LOCK, 5/16",
4	16204724	2	BOLT, Hex, M10 x 45,
5	12605671	2	WASHER, LOCK, Int Tooth, M10,
6	12164714	2	NUT, M10 x 1.25, Cl 8,
7	15213321	4	BOLT, Hex, M8 x 35, 8.8,
8	14496504	4	WASHER, M8 x 17 x 1.6,
9	81865025	1	BOLT, M10X1.5 X65
9	70929014	1	SCREW, 7/16"-14 x 5"
10	100016	1	NUT, M10, Cl 8,
10	87363	1	WASHER, 7/16", SAE,
11	82024883	1	BRACKET,

1.68.6(02) (VAR.178) TRAILER AIR BRAKE UK - PULLEYS AND BELT



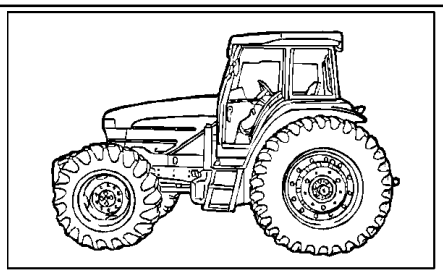


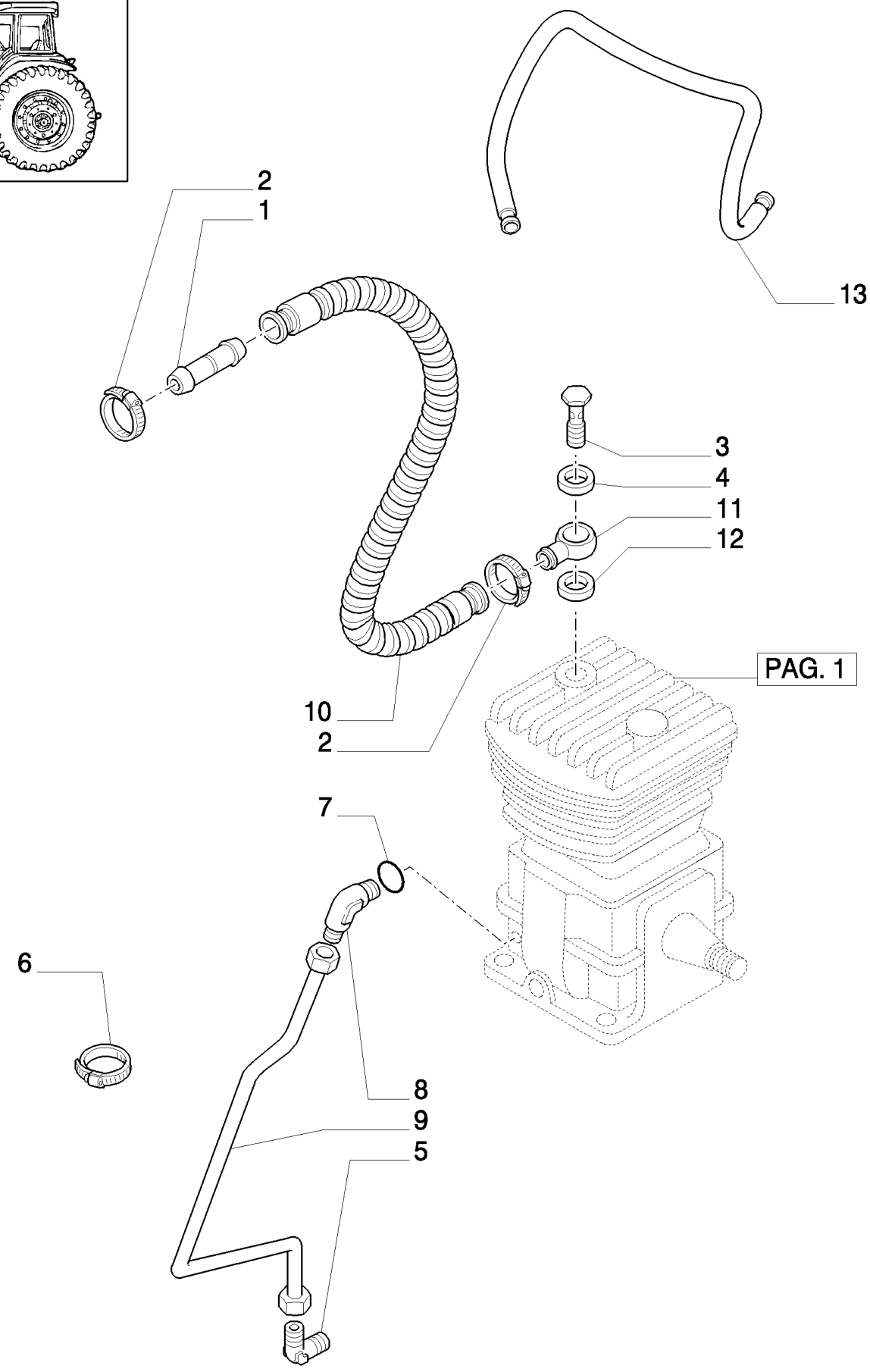
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6(02) (VAR.178) TRAILER AIR BRAKE UK - PULLEYS AND BELT

Ref	Part Number	Qty	Description
1	14088711	1	NUT, M12X1,25
2	82024061	1	SPACER,
3	82020926	1	PULLEY,
4	82024062	1	PULLEY, DRIVEN,
5	87840420	1	COVER,
6	82024060	1	SCREW, M12X1,25X60
7	82021010	1	BELT,

1.68.6(03) (VAR.178) TRAILER AIR BRAKE UK - PIPES- C5419





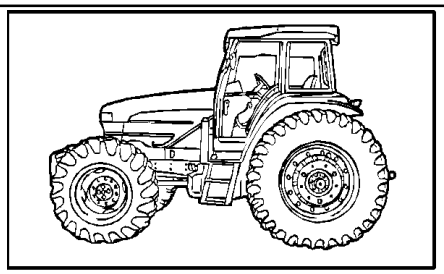
TM190 TRACTOR (6/02-) - Rear Axle

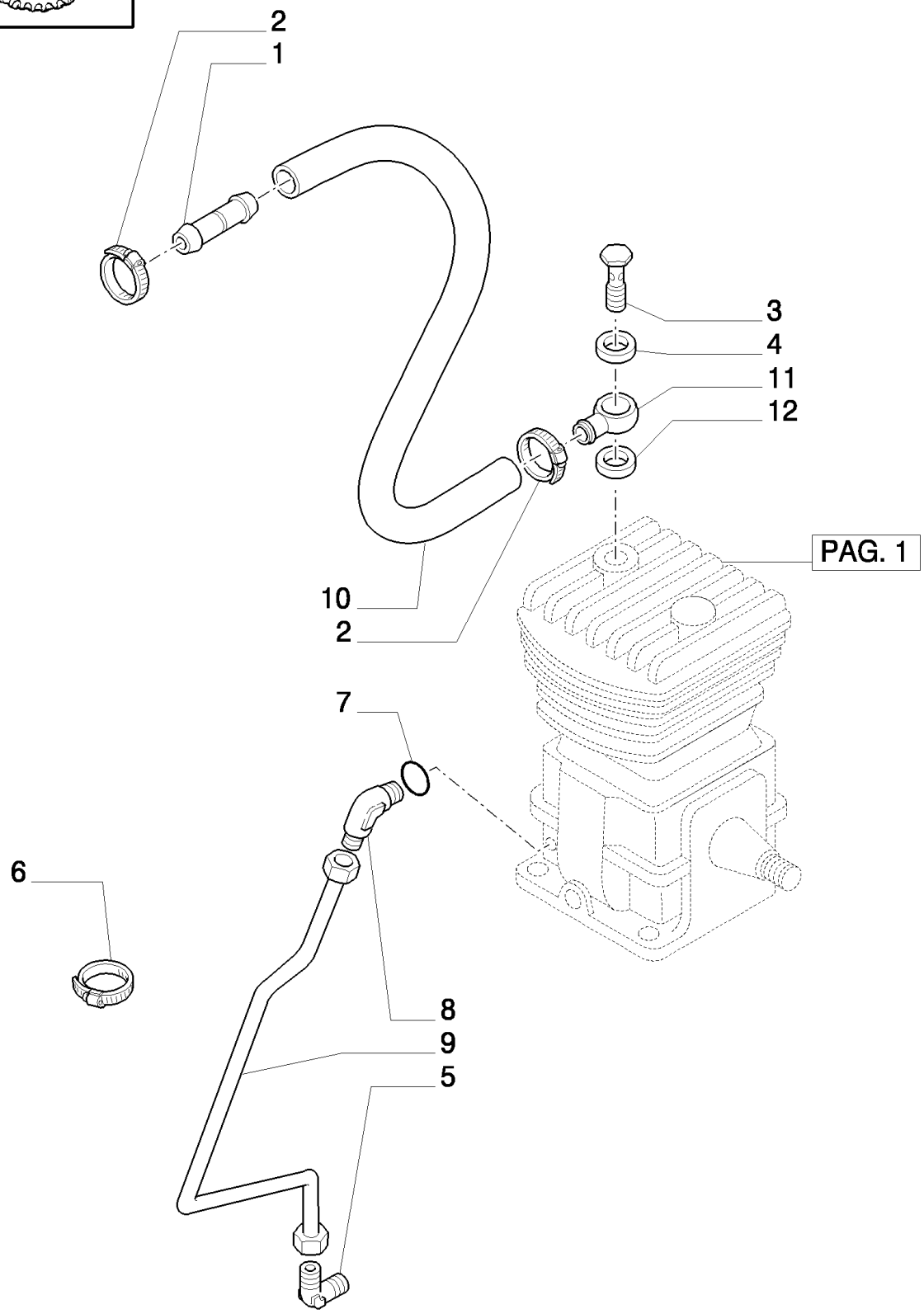
1.68.6(03) (VAR.178) TRAILER AIR BRAKE UK - PIPES- C5419

Ref	Part Number	Qty	Description
1	82019397	1	FITTING,
2	82036709	3	CLAMP, HOSE,
3	82031550	1	BOLT, BANJO, M26 x 1.5
4	82031552	1	WASHER, COPPER, D=26
5	86512947	1	ELBOW, 90є, 7/16"-20, 37є x 1/8"-27, NPTF,
6	80263117	2	STRAP, SECURING, 3/32" x 11-1/2" L
7	14437585	1	O-RING, 8MM ID x 1.5 Thk,
8	82002502	1	ELBOW,
9	82020927	1	TUBE, RIGID, , BSN ACM262152
9	87349039	1	TUBE, RIGID, , ASN ACM262153
10	82033110	1	HOSE, FLEXIBLE, , -C5221
11	82031551	1	FITTING, M26X1,5
12	82032018	1	SPACER, M26
13	87346075	1	, D5221-

D5221 After Date 01 August 2005□□D5333 Serial N. ACM262153□□C5419 Serial N. ACM275356

1.68.6(03A) (VAR.178) TRAILER AIR BRAKE UK - PIPES- D5419





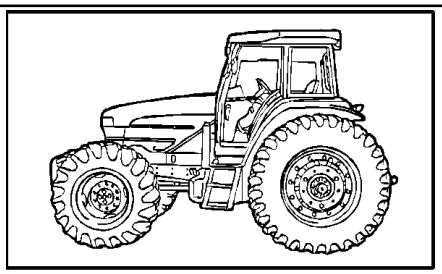
TM190 TRACTOR (6/02-) - Rear Axle

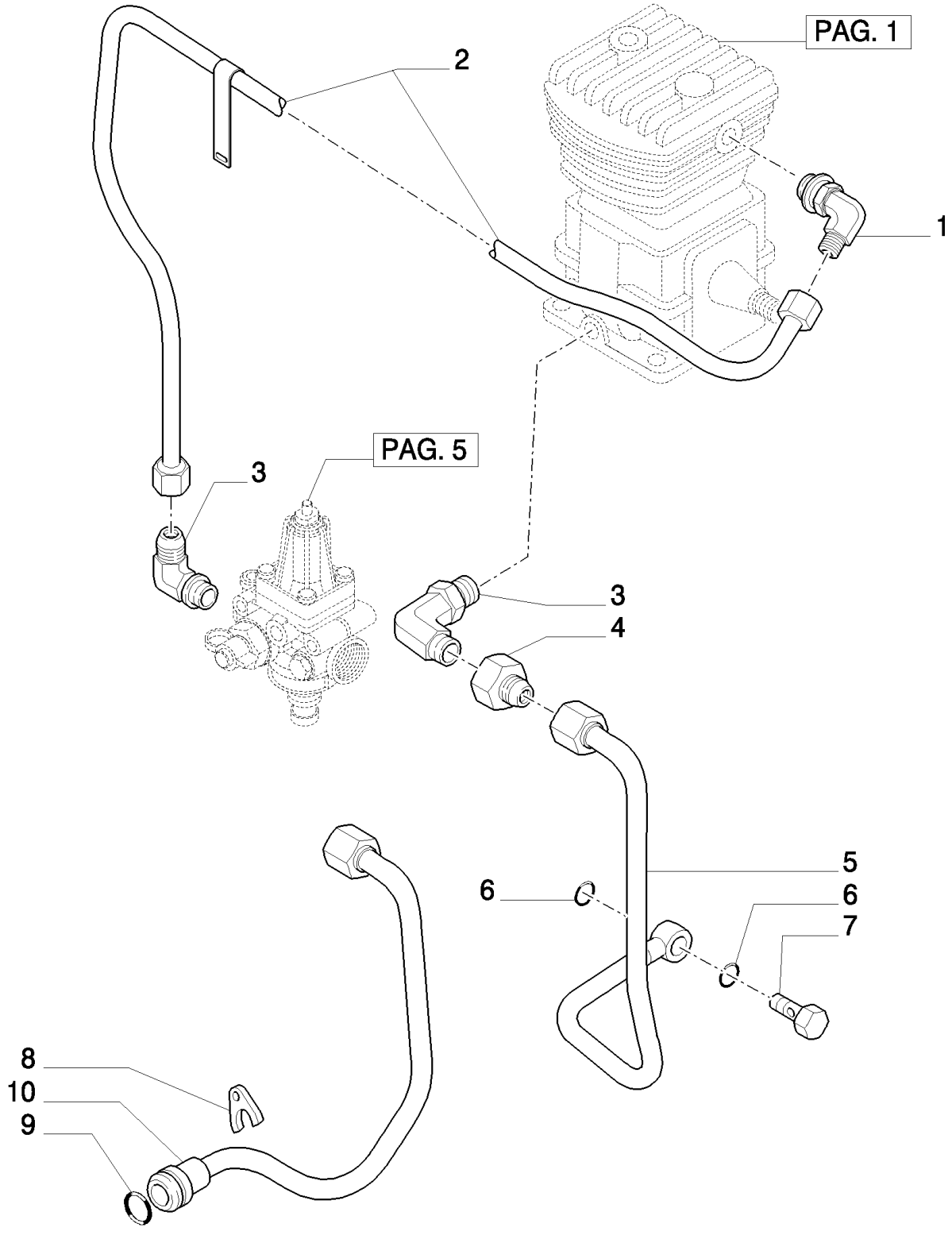
1.68.6(03A) (VAR.178) TRAILER AIR BRAKE UK - PIPES- D5419

Ref	Part Number	Qty	Description
1	82019397	1	FITTING,
2	82036709	3	CLAMP, HOSE,
3	82031550	1	BOLT, BANJO, M26 x 1.5
4	82031552	1	WASHER, COPPER, D=26
5	86512947	1	ELBOW, 90є, 7/16"-20, 37є x 1/8"-27, NPTF,
6	80263117	2	STRAP, SECURING, 3/32" x 11-1/2" L
7	14437585	1	O-RING, 8MM ID x 1.5 Thk,
8	82002502	1	ELBOW,
9	87349039	1	TUBE, RIGID,
10	87392969	1	HOSE, FLEXIBLE,
11	82031551	1	FITTING, M26X1,5
12	82032018	1	SPACER, M26

D5221 After Date 01 August 2005□□D5333 Serial N. ACM262153□□D5419 Serial N. ACM275357

1.68.6(04) (VAR.178) TRAILER AIR BRAKE UK - PIPES





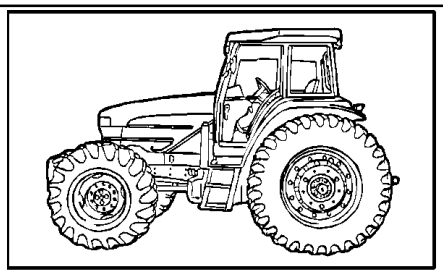
TM190 TRACTOR (6/02-) - Rear Axle

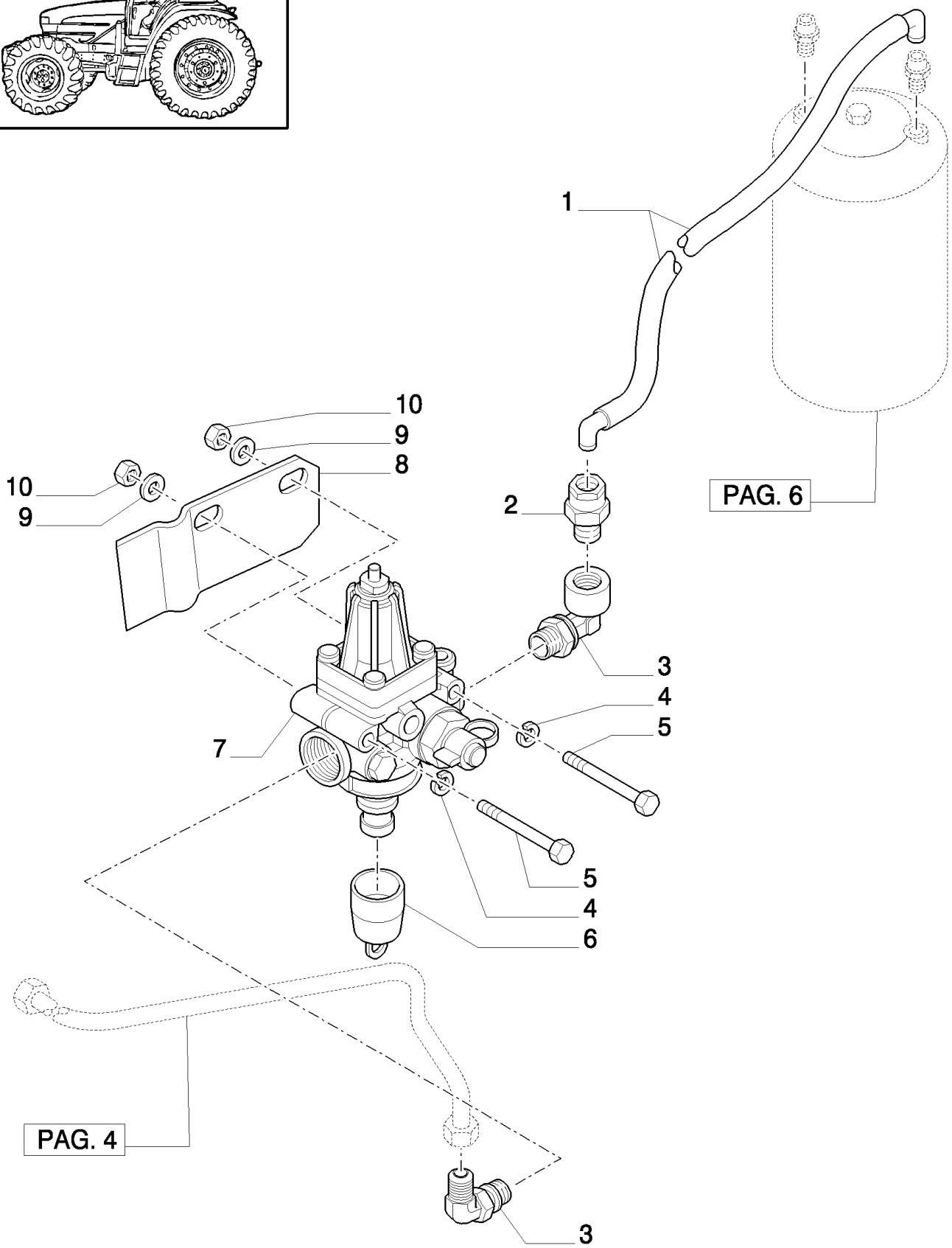
1.68.6(04) (VAR.178) TRAILER AIR BRAKE UK - PIPES

Ref	Part Number	Qty	Description
1	82003205	1	CONNECTOR, HYD.,
2	82020929	1	TUBE, RIGID, , BSN 217254
2	82033310	1	TUBE, RIGID, , ASN 217255
3	82003206	2	ELBOW,
4	82006545	1	ADAPTER, , BSN ACM262153
5	82020928	1	TUBE, RIGID, , BSN ACM262153
6	4858609	2	O-RING, , BSN ACM262153
7	10184417	1	BOLT, BANJO, M16 x 1.5 x 31, , BSN ACM262153
8	2853564	1	BRACKET, , D5334-
9	14457580	1	O-RING, -117, 70 Duro, .799" ID x .103" Thk, , ASN ACM262153
10	87347563	1	, ACM262153-C5334
10	87398436	1	PIPE, , D5334-

D4855 Serial N.217255□□D5333 Serial N.ACM262153□□D5334 After Date 20 February 2006

1.68.6(05) (VAR.178) TRAILER AIR BRAKE UK - PRESSURE ADJUSTMENT VALVE

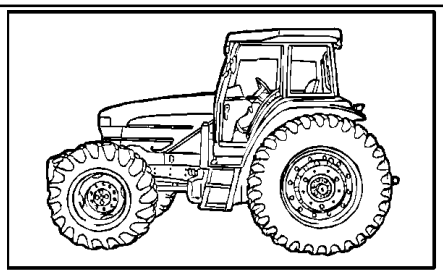


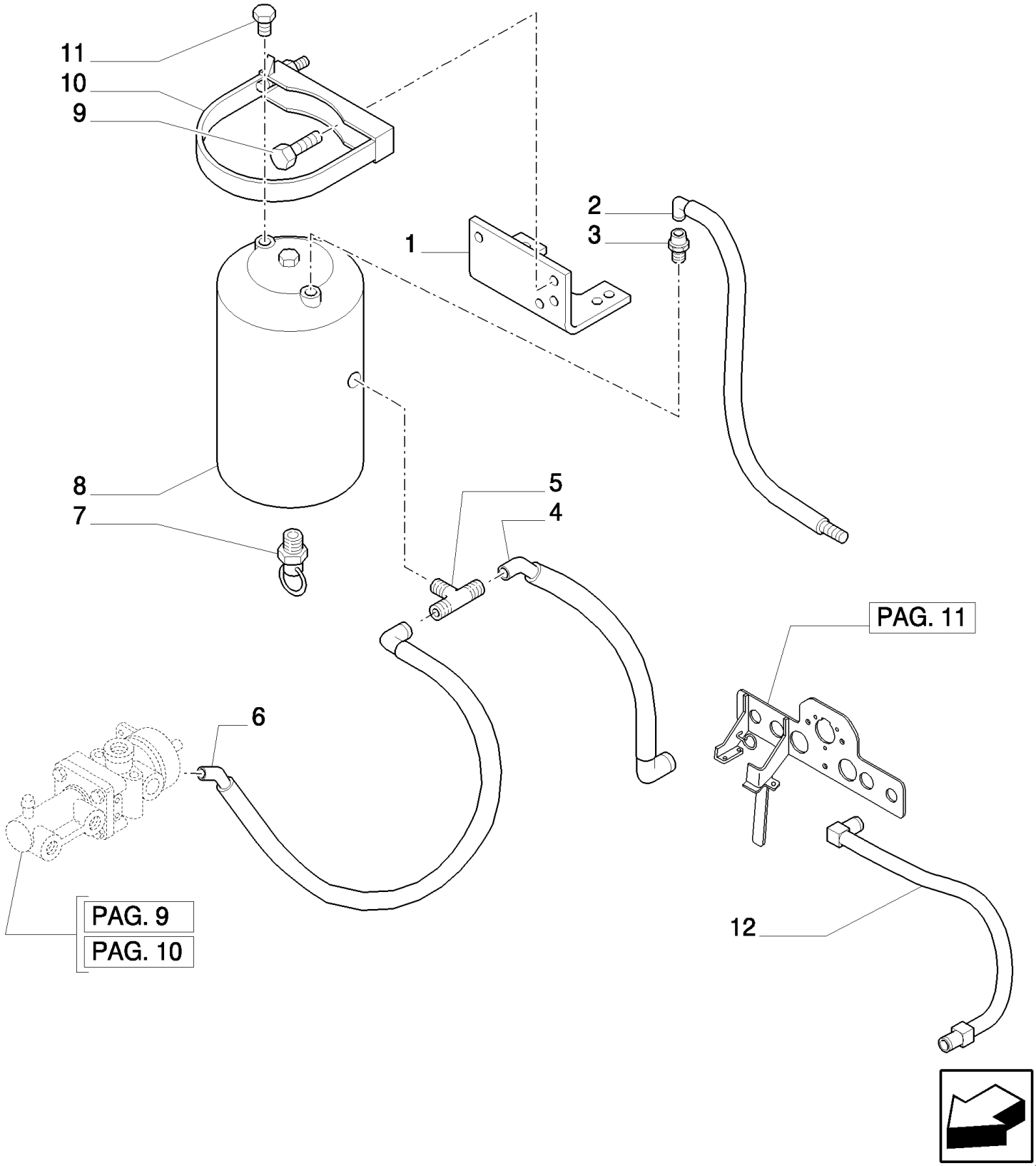


1.68.6(05) (VAR.178) TRAILER AIR BRAKE UK - PRESSURE ADJUSTMENT VALVE

Ref	Part Number	Qty	Description
1	82018525	1	TUBE, RIGID, TM120, TM130, TM140, TM155
1	82019196	1	TUBE, RIGID, TM175, TM190
2	82017722	1	CONNECTOR, HYD.,
3	82003206	2	ELBOW,
4	10516674	2	WASHER, LOCK,
5	16201624	2	BOLT, Hex, M8 x 75,
6	82001979	1	VALVE,
7	82001015	1	VALVE, CONTROL,
8	82018549	1	BRACKET,
9	14496504	2	WASHER, M8 x 17 x 1.6,
10	16100811	2	NUT, M8, Cl 8,

1.68.6(06) (VAR.178) TRAILER AIR BRAKE UK - AIR TANK AND PIPES



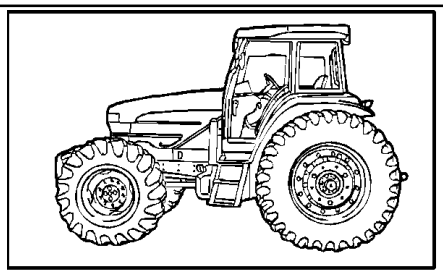


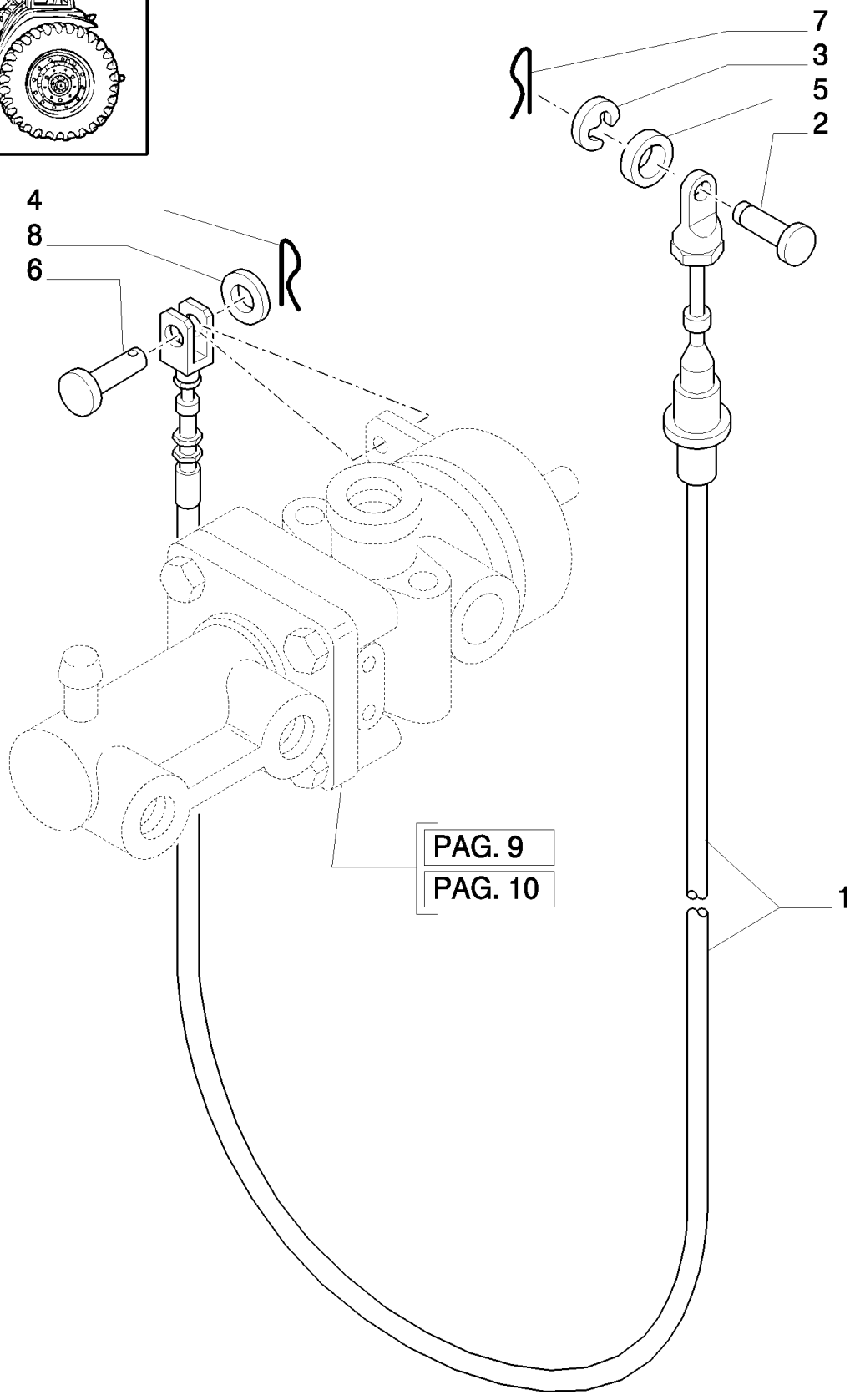
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6(06) (VAR.178) TRAILER AIR BRAKE UK - AIR TANK AND PIPES

Ref	Part Number	Qty	Description
1	82011501	1	BRACKET,
2	82018525	1	TUBE, RIGID, TM120, TM130, TM140, TM155
2	82019196	1	TUBE, RIGID, TM175, TM190
3	82017722	1	CONNECTOR, HYD.,
4	82024867	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155
4	82023451	1	TUBE, RIGID, TM175, TM190
5	82014912	1	PLUG,
6	82030974	1	TUBE, RIGID, Polyamide Tube L=mm.950
7	82004266	1	VALVE,
8	82020479	1	RESERVOIR, AIR,
9	10979224	2	BOLT, Hex, M10 x 16, 8.8, Full Thd,
10	82020478	1	BRACKET,
11	82014913	1	PLUG,
12	82019633	1	TUBE, RIGID, TM120, TM130, TM140, TM155
12	82023450	1	TUBE, RIGID, TM175, TM190

1.68.6(07) (VAR.178) TRAILER AIR BRAKE UK - AIR BRAKE CABLE



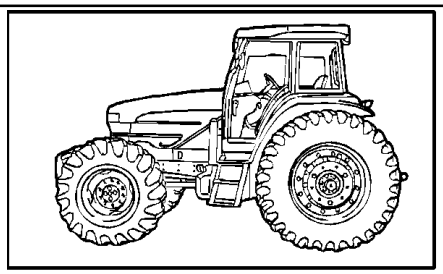


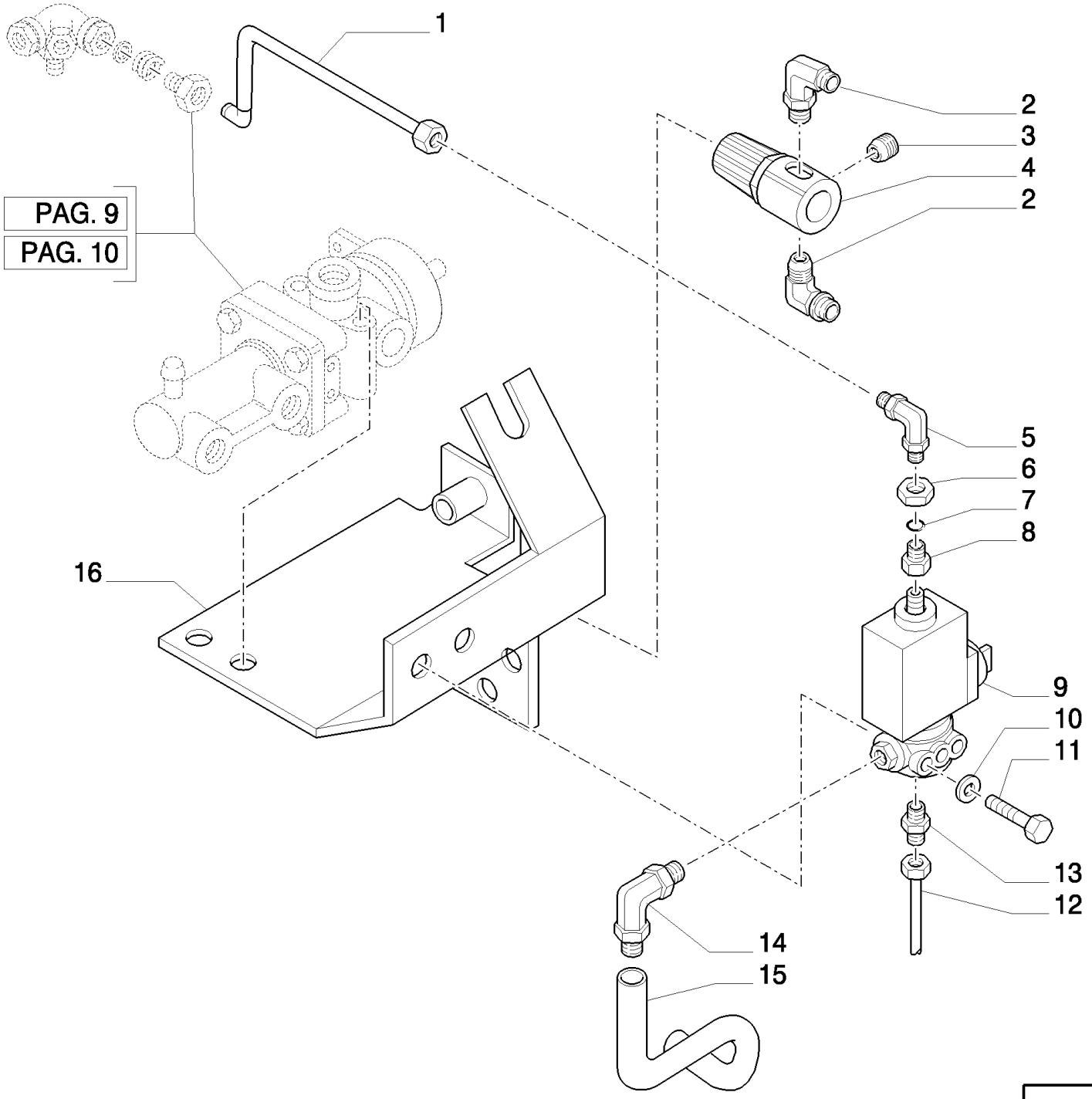
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6(07) (VAR.178) TRAILER AIR BRAKE UK - AIR BRAKE CABLE

Ref	Part Number	Qty	Description
1	82024868	1	CABLE, TM120, TM130, TM140, TM155
1	82032323	1	CABLE, TM175, TM190
2	82019625	1	PIN,
3	11087374	2	CIRCLIP, M13,
4	10734401	1	PIN, SPLIT (COTTER), M2 x 22,
5	82019659	1	SPACER, 10X19X8,5, TM120, TM130, TM140, TM155
6	10050811	1	PIN,
7	10766901	1	PIN, SPLIT (COTTER), M3.2 x 25,
8	11193874	1	WASHER, SPRING, Belleville, M8.4,

1.68.6(08) (VAR.178) TRAILER AIR BRAKE UK - BRACKET AND RELEVANT PARTS - C5339

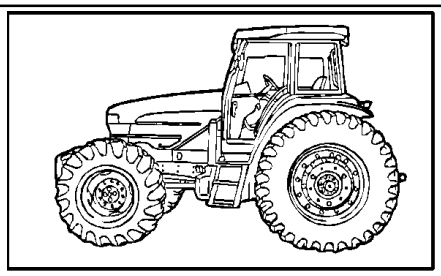


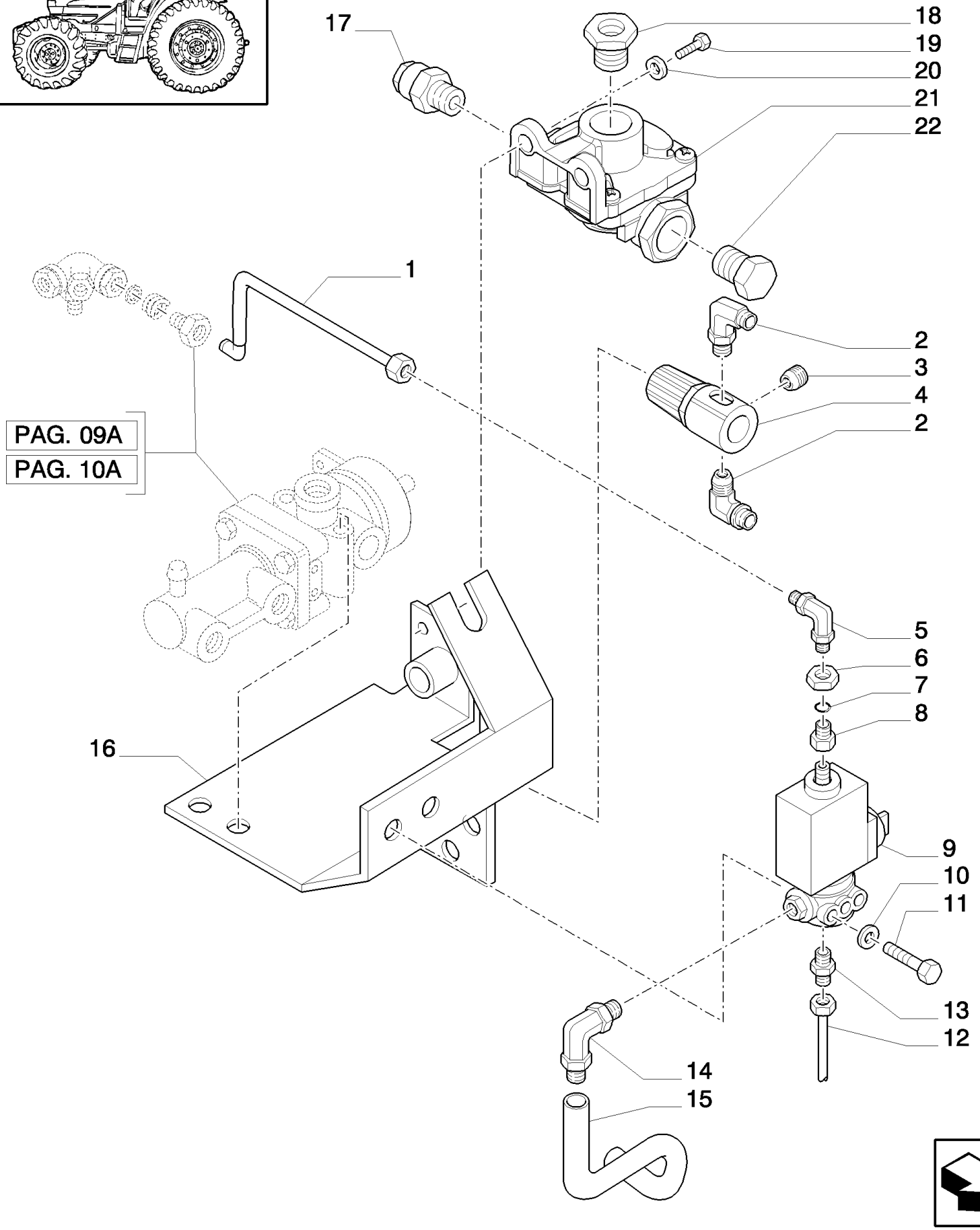


1.68.6(08) (VAR.178) TRAILER AIR BRAKE UK - BRACKET AND RELEVANT PARTS - C5339

Ref	Part Number	Qty	Description
1	82019622	1	HOSE, FLEXIBLE,
2	82024156	2	ELBOW,
3	82017203	1	PLUG,
4	82016887	1	VALVE, CONTROL,
5	82019627	1	ELBOW,
6	82019834	1	NUT,
7	82019835	1	GASKET,
8	82019833	1	CONNECTOR, HYD.,
9	82006252	1	VALVE, CONTROL,
10	10516674	2	WASHER, LOCK,
11	16201324	2	BOLT, Hex, M8 x 60,
12	82019793	1	TUBE,
13	82006828	1	CONNECTOR, HYD.,
14	82017199	1	ELBOW,
15	82019624	1	TUBE, RIGID, L=270, TM120, TM130, TM140, TM155
16	82020512	1	BRACKET,

1.68.6(08A) (VAR.178) TRAILER AIR BRAKE UK - BRACKET AND RELEVANT PARTS - D5339

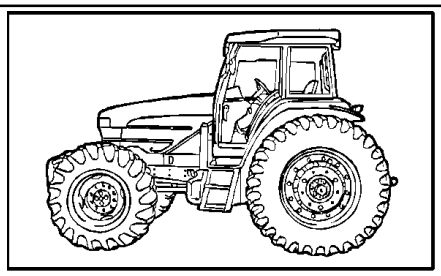


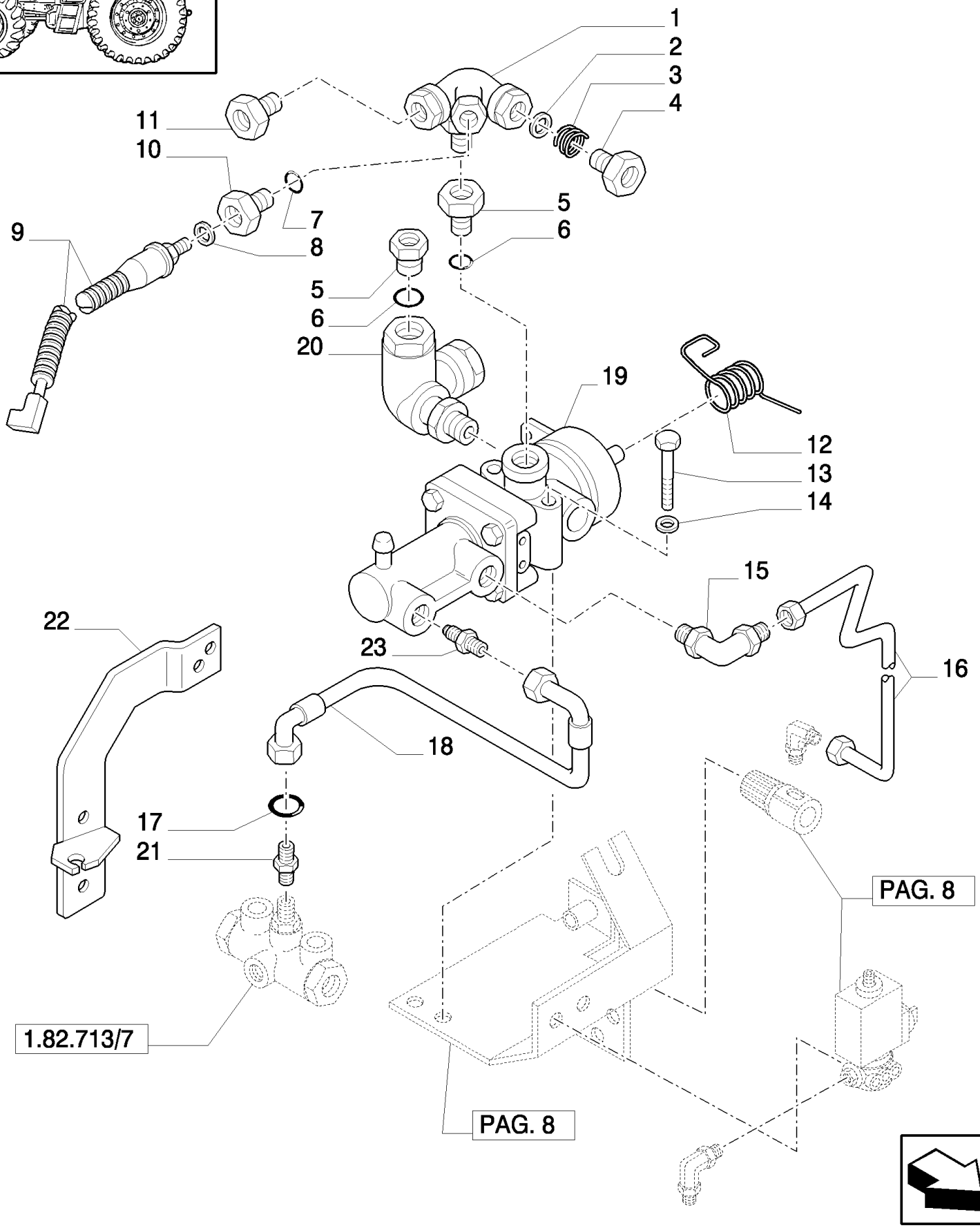


1.68.6(08A) (VAR.178) TRAILER AIR BRAKE UK - BRACKET AND RELEVANT PARTS - D5339

Ref	Part Number	Qty	Description
1	82019622	1	HOSE, FLEXIBLE,
2	82024156	2	ELBOW,
3	82017203	1	PLUG,
4	82016887	1	VALVE, CONTROL,
5	82019627	1	ELBOW,
6	82019834	1	NUT,
7	82019835	1	GASKET,
8	82019833	1	CONNECTOR, HYD.,
9	82006252	1	VALVE, CONTROL,
10	10516674	2	WASHER, LOCK,
11	16201324	2	BOLT, Hex, M8 x 60,
12	82019793	1	TUBE,
13	82006828	1	CONNECTOR, HYD.,
14	82017199	1	ELBOW,
15	82019624	1	TUBE, RIGID, L=270, TM120, TM130, TM140, TM155
16	87387687	1	BRACKET,
17	82017722	1	CONNECTOR, HYD.,
18	82036156	1	CONNECTOR, HYD.,
19	16043621	2	BOLT, Hex, M8 x 25, 8.8,
20	14496501	2	WASHER, M8 x 16 x 1.6,
21	82033387	1	TRAILER BRAKE VALVE,
22	82014913	1	PLUG,

1.68.6(10) (VAR.178) TRAILER AIR BRAKE UK - AIR BRAKE CONTROL VALVE - C5339



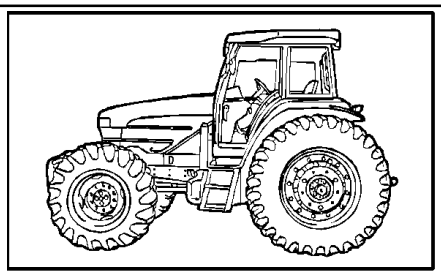


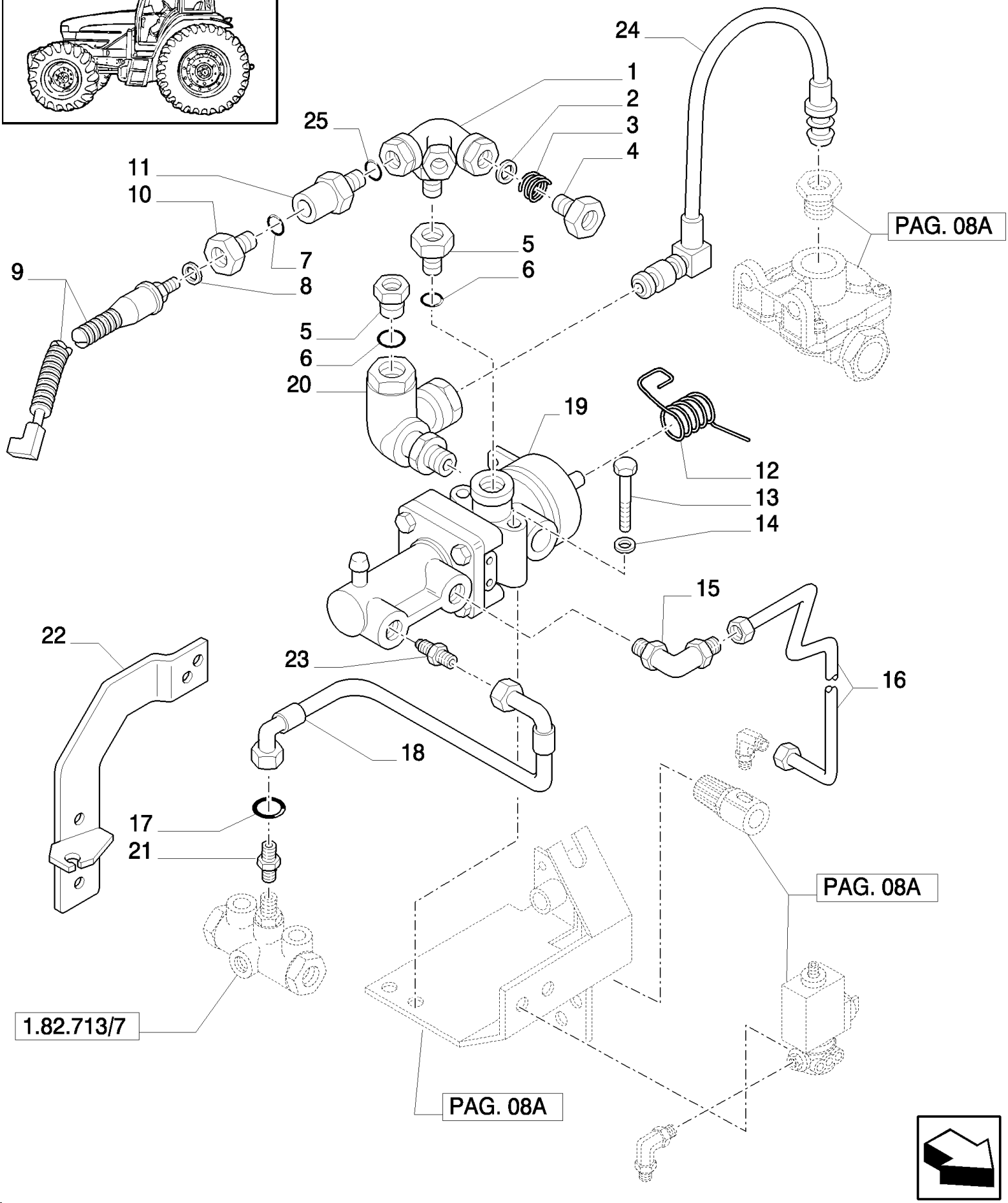
1.68.6(10) (VAR.178) TRAILER AIR BRAKE UK - AIR BRAKE CONTROL VALVE - C5339

Ref	Part Number	Qty	Description
1	82019795	1	FITTING,
2	82019802	1	CLIP,
3	82019801	1	GASKET,
4	82019803	1	NUT,
5	82019796	2	NUT,
6	82019797	2	O-RING,
7	82019799	1	O-RING,
8	5169544	1	SEAL,
9	82017517	1	SWITCH, Transducer, Air Brake Pressure
10	82019800	1	CONNECTOR, HYD.,
11	82019798	1	CONNECTOR, HYD.,
12	82019558	1	SPRING,
13	16201324	2	BOLT, Hex, M8 x 60,
14	10516674	2	WASHER, LOCK,
15	82017199	1	ELBOW,
16	82019623	1	TUBE, RIGID,
17	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
18	82023187	1	HOSE, FLEXIBLE,
19	82030571	1	VALVE, HYDRAULIC,
20	82023180	1	FITTING,
21	5155506	1	CONNECTOR, HYD.,
22	82031392	1	BRACKET,
23	82022287	1	FITTING,

C5339 Serial N.ACM268362

1.68.6(10A) (VAR.178) TRAILER AIR BRAKE UK - AIR BRAKE CONTROL VALVE - D5339

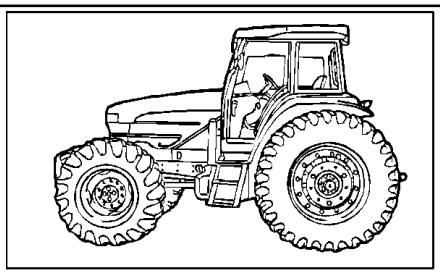


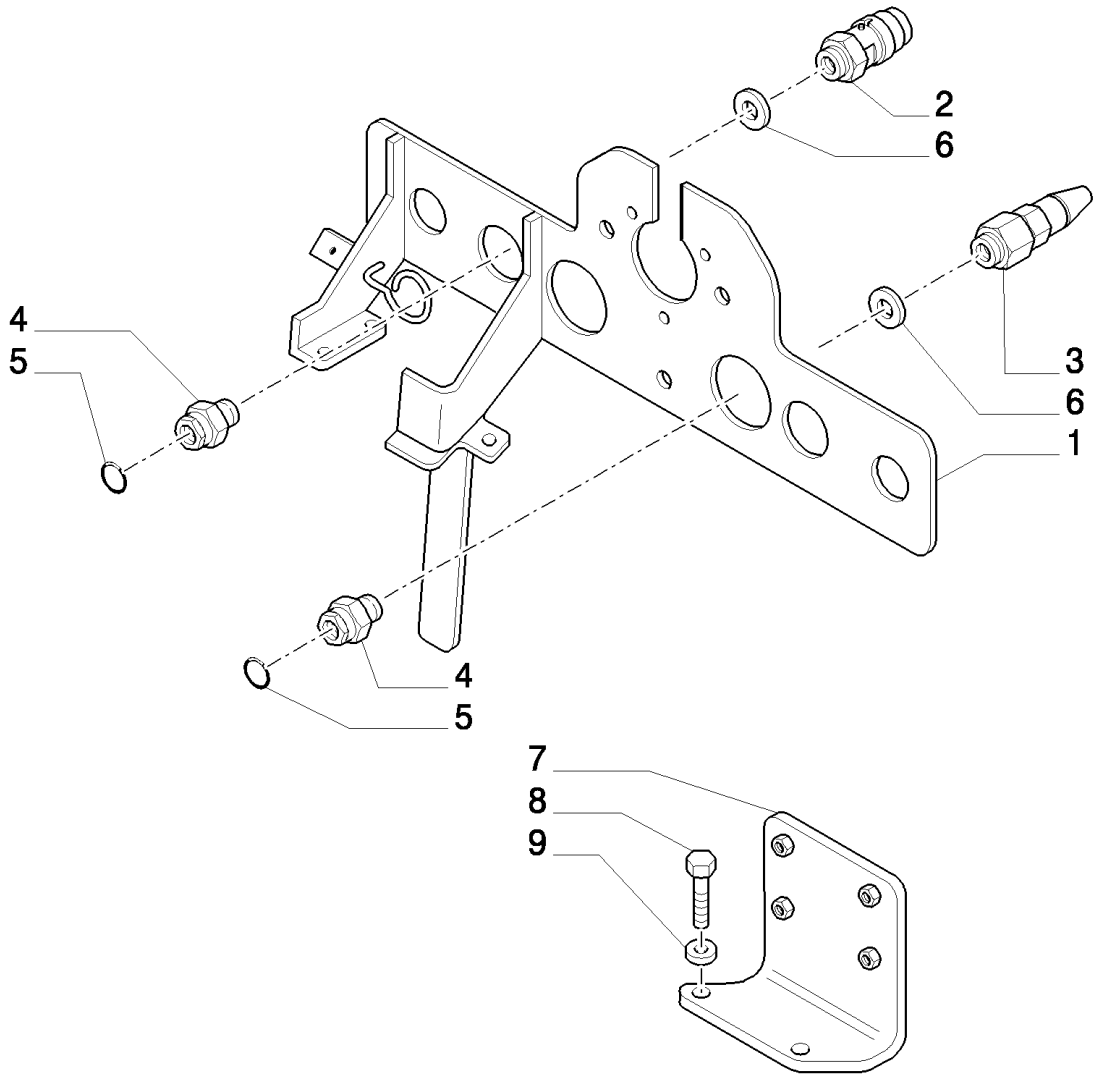


1.68.6(10A) (VAR.178) TRAILER AIR BRAKE UK - AIR BRAKE CONTROL VALVE - D5339

Ref	Part Number	Qty	Description
1	82019795	1	FITTING,
2	82019802	1	CLIP,
3	82019801	1	GASKET,
4	82019803	1	NUT,
5	82019796	2	NUT,
6	82019797	2	O-RING,
7	82019799	1	O-RING,
8	5169544	1	SEAL,
9	82017517	1	SWITCH, Transducer, Air Brake Pressure
10	82019800	1	CONNECTOR, HYD.,
11	87392490	1	ADAPTER,
12	82019558	1	SPRING,
13	16201324	2	BOLT, Hex, M8 x 60,
14	10516674	2	WASHER, LOCK,
15	82017199	1	ELBOW,
16	82019623	1	TUBE, RIGID,
17	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
18	82023187	1	HOSE, FLEXIBLE,
19	82030571	1	VALVE, HYDRAULIC,
20	82023180	1	FITTING,
21	5155506	1	CONNECTOR, HYD.,
22	82031392	1	BRACKET,
23	82022287	1	FITTING,
24	87389131	1	TUBE,
25	87392491	1	O-RING,

1.68.6(11) (VAR.178) TRAILER AIR BRAKE UK - AIR BRAKE BRACKET AND RELEVANT PARTS



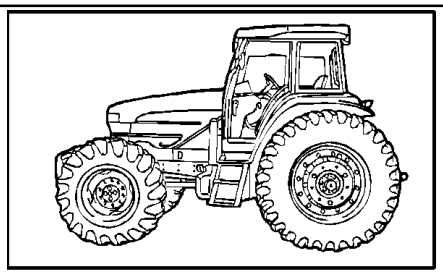


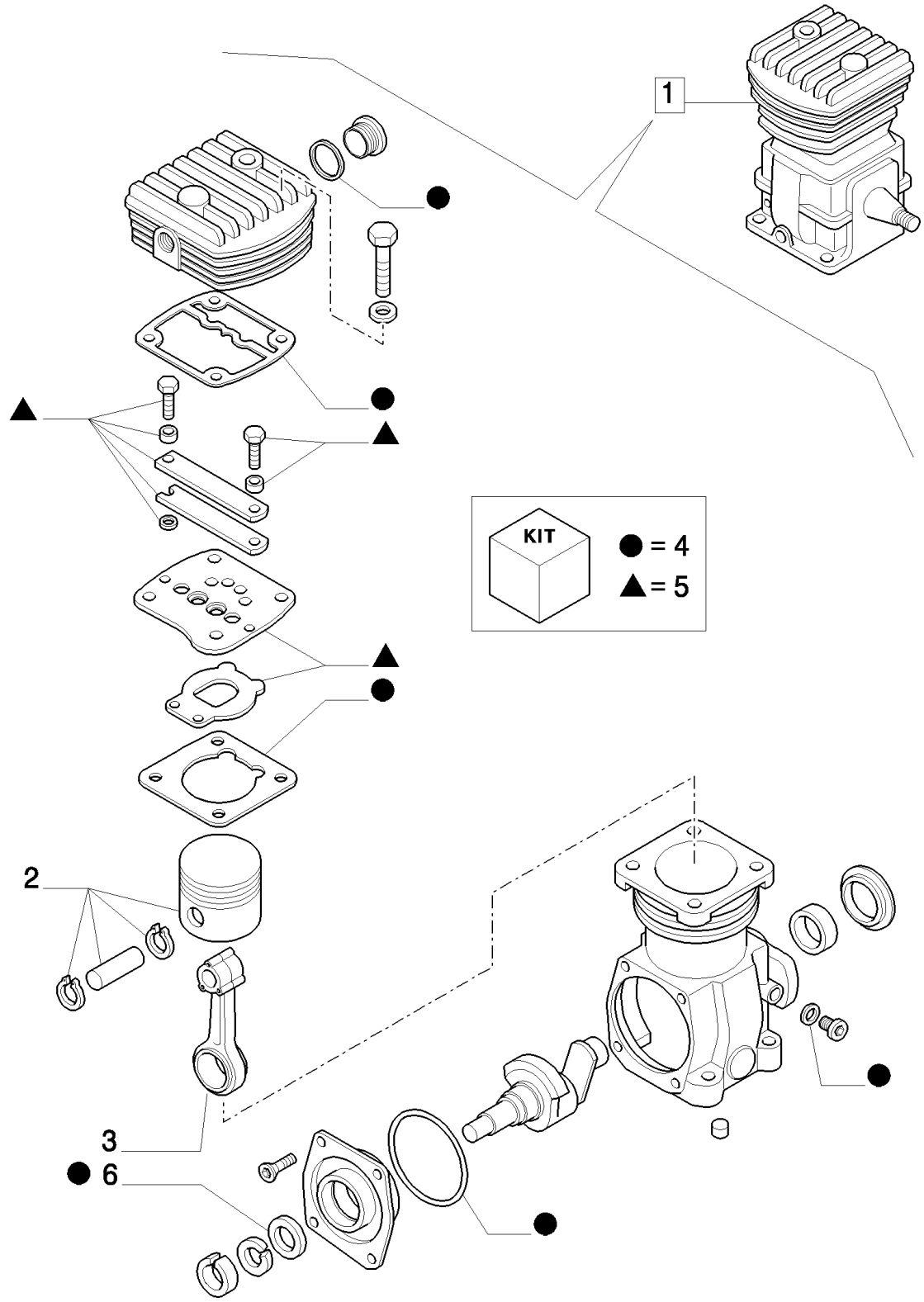
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6(11) (VAR.178) TRAILER AIR BRAKE UK - AIR BRAKE BRACKET AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	87308079	1	BRACKET,
2	82027175	1	COUPLING, RED
3	82027176	1	COUPLING, YELLOW
4	82006297	2	CONNECTOR, HYD., M22
5	82006328	2	WASHER, LOCK, M22
6	82006330	2	O-RING,
7	82030536	1	BRACKET,
8	10902424	2	BOLT, Hex, M6 x 20, 8.8, Full Thd,
9	14496404	2	WASHER, LOCK, 6X12,5

1.68.6/ A (VAR.178-385-385/1-385/2) PNEUMATIC TRAILER BRAKES - AIR COMPRESSOR BREAKDOWN

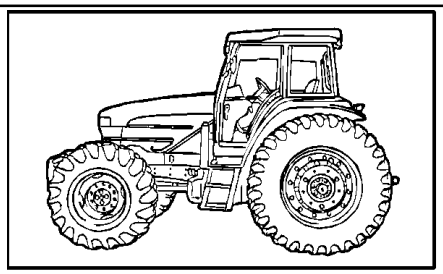


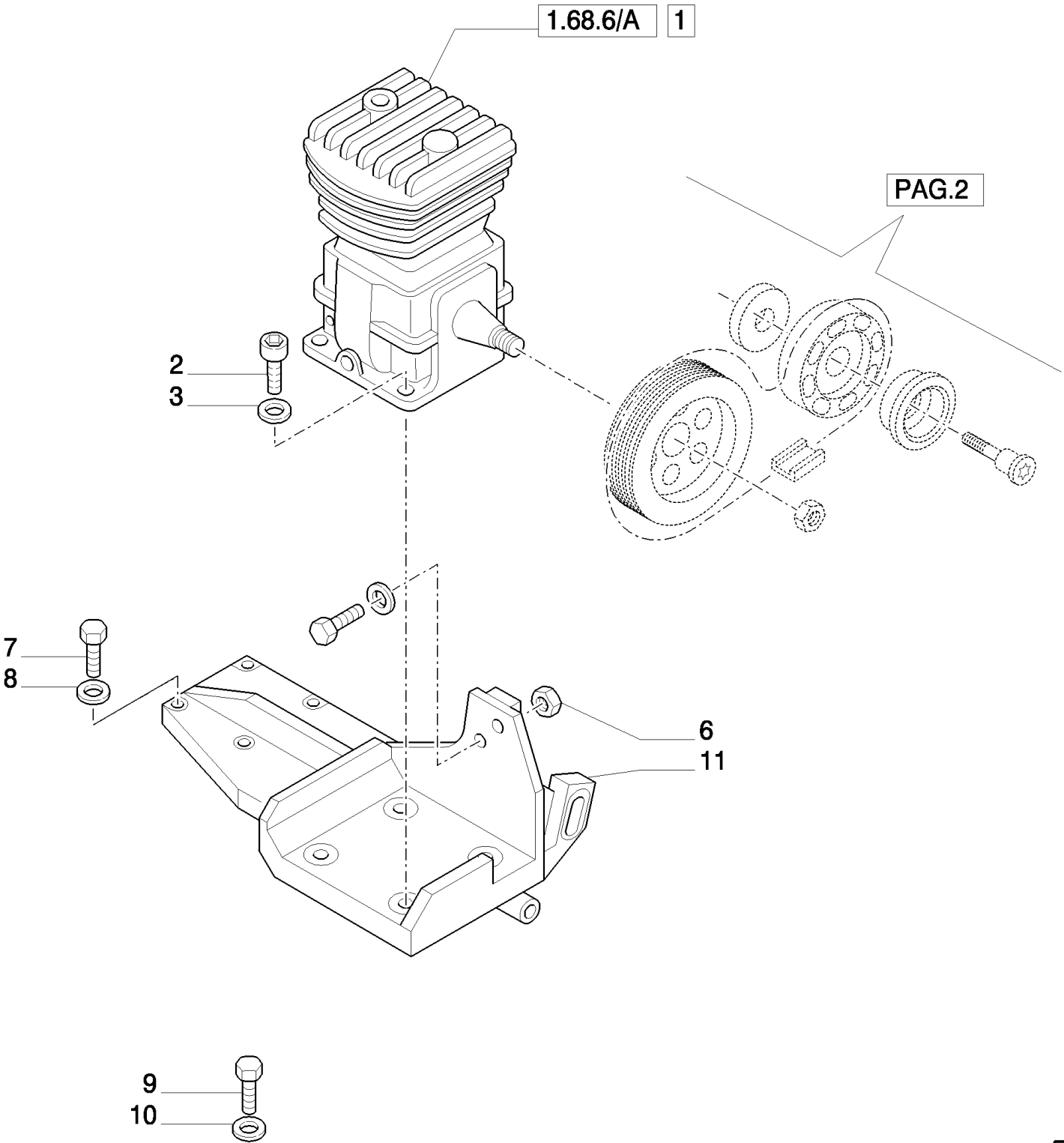


1.68.6/ A (VAR.178-385-385/1-385/2) PNEUMATIC TRAILER BRAKES - AIR COMPRESSOR BREAKDOWN

Ref	Part Number	Qty	Description
1	82003029	1	COMPRESSOR, AIR, ASSY
2	9969245	1	PISTON ASSY, +0.8, ASSY
3	9969246	1	ROD, CONNECTING, ASSY
4	9969243	1	KIT, GASKETS
5	9969244	1	KIT, VALVE PLATE ASSY
6	9970279	1	GASKET,

1.68.6/01(01) (VAR.385) TRAILER AIR BRAKE GERMANY - BRACKET FOR AIR COMPRESSOR



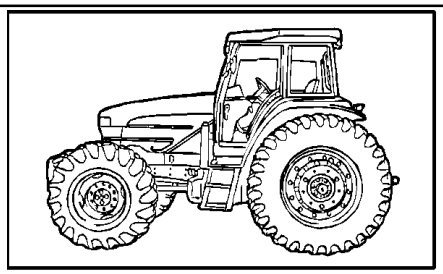


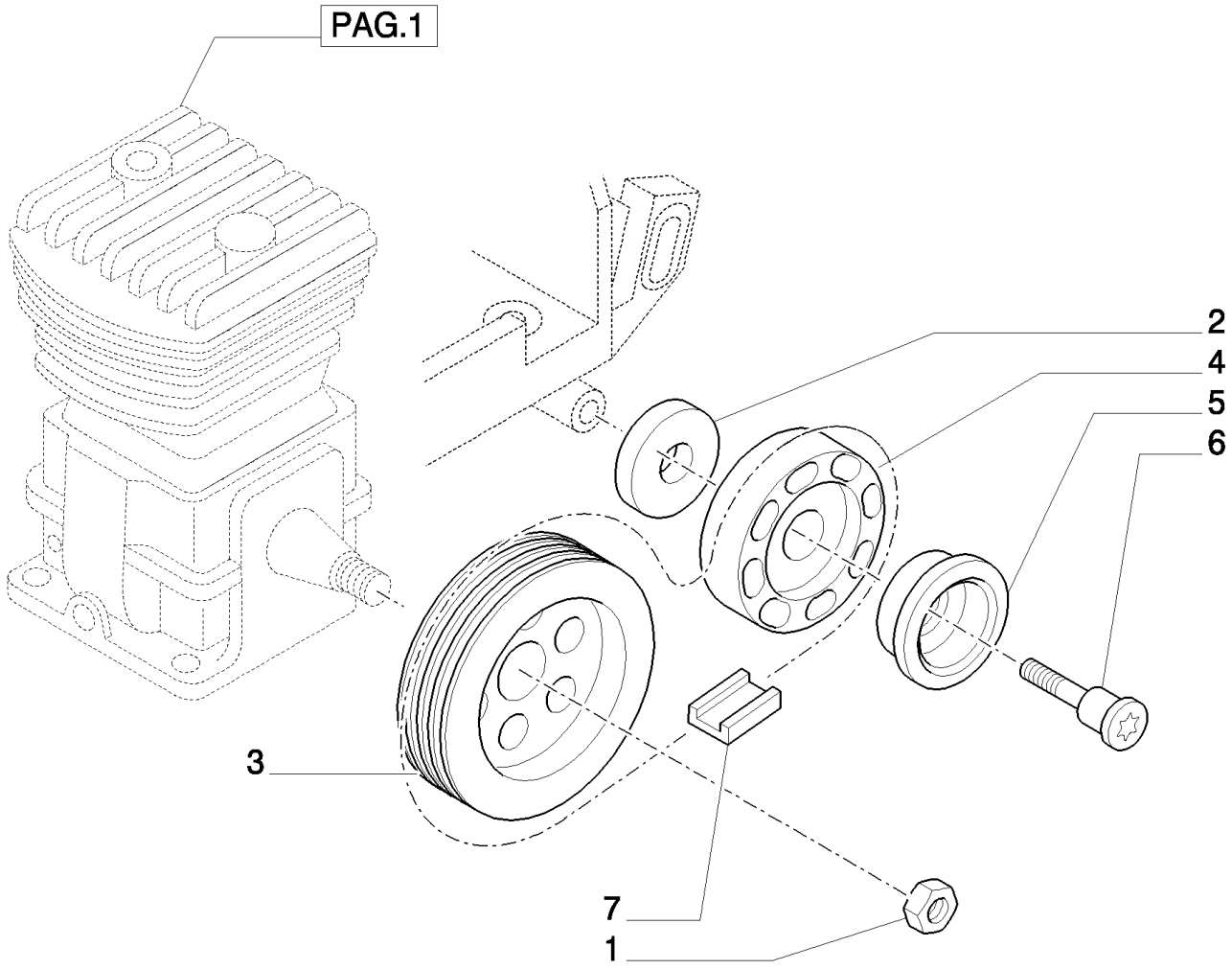
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/01(01) (VAR.385) TRAILER AIR BRAKE GERMANY - BRACKET FOR AIR COMPRESSOR

Ref	Part Number	Qty	Description
1	82003029	1	COMPRESSOR, AIR, ASSY
2	14306624	4	SCREW, Hex Soc Hd, M8 x 35, 10.9,
3	80681	4	WASHER, LOCK, 5/16",
4	16204724	2	BOLT, Hex, M10 x 45,
5	12605671	2	WASHER, LOCK, Int Tooth, M10,
6	12164714	2	NUT, M10 x 1.25, Cl 8,
7	15213321	4	BOLT, Hex, M8 x 35, 8.8,
8	14496504	4	WASHER, M8 x 17 x 1.6,
9	81865025	1	BOLT, M10X1.5 X65
9	70929014	1	SCREW, Cap, HH, G8, 7/16"-14 x 3-1/2"
10	100016	1	NUT, M10, Cl 8,
10	87363	1	WASHER, 7/16", SAE,
11	82024883	1	BRACKET,

1.68.6/01(02) (VAR.385) TRAILER AIR BRAKE GERMANY - PULLEYS AND BELT



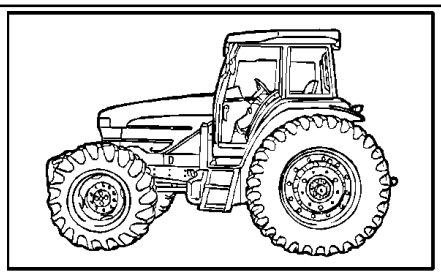


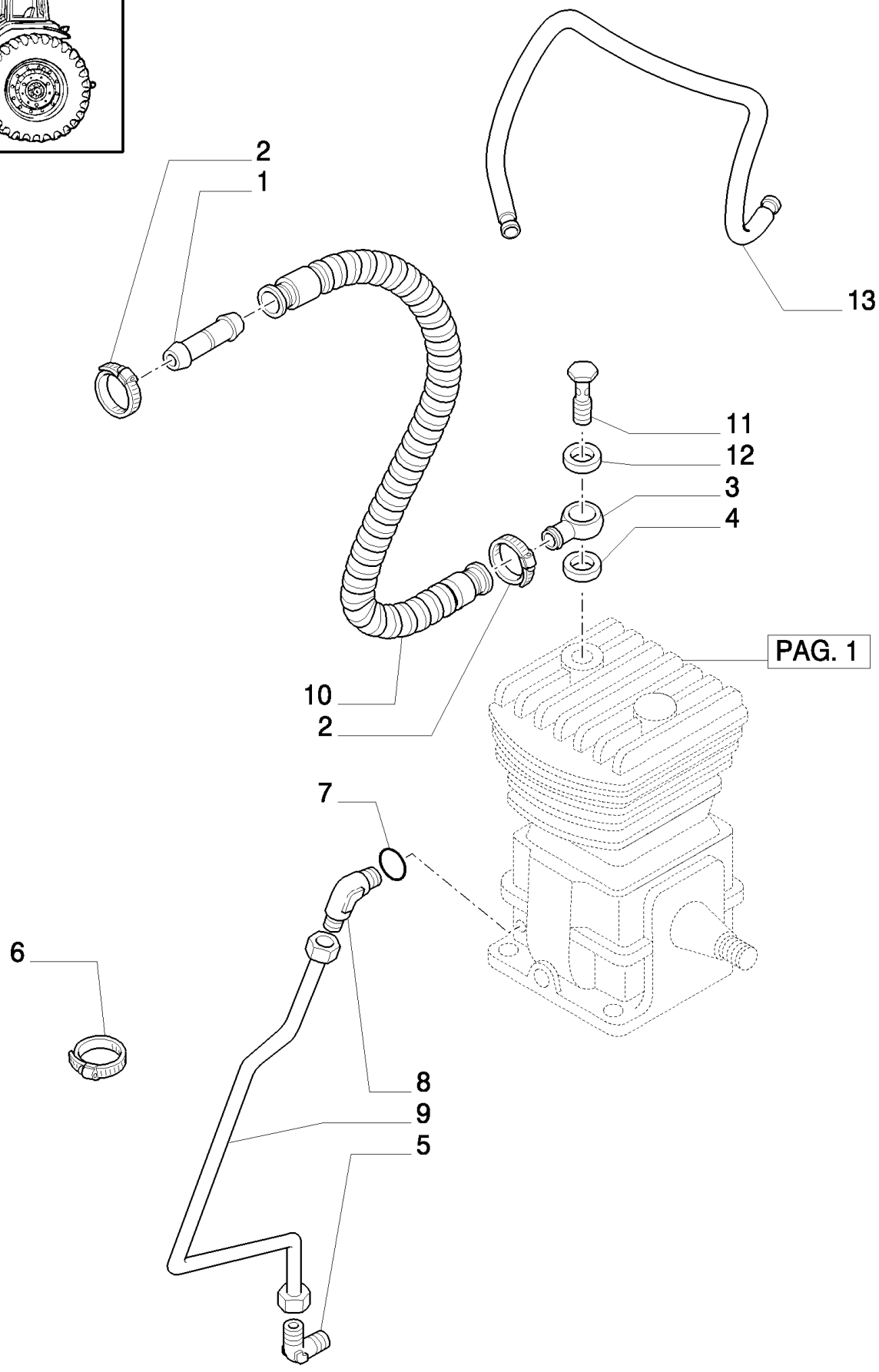
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/01(02) (VAR.385) TRAILER AIR BRAKE GERMANY - PULLEYS AND BELT

Ref	Part Number	Qty	Description
1	14088711	1	NUT, M12X1,25
2	82024061	1	SPACER,
3	82020926	1	PULLEY,
4	82024062	1	PULLEY, DRIVEN,
5	87840420	1	COVER,
6	82024060	1	SCREW, M12X1,25X60
7	82021010	1	BELT,

1.68.6/01(03) (VAR.385) TRAILER AIR BRAKE GERMANY - PIPES - C5419





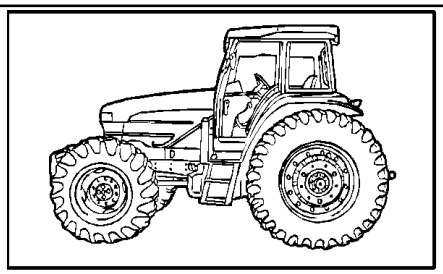
TM190 TRACTOR (6/02-) - Rear Axle

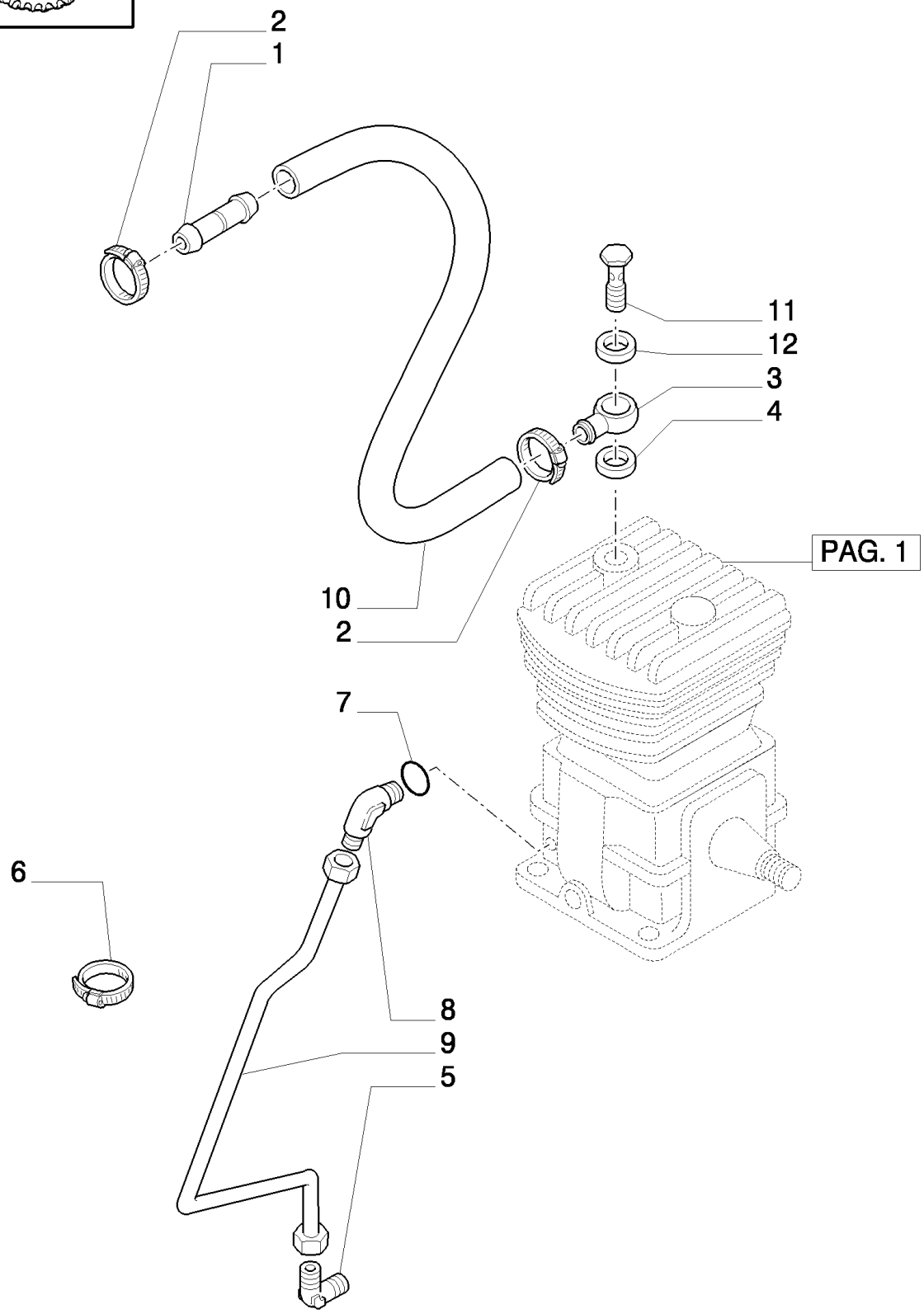
1.68.6/01(03) (VAR.385) TRAILER AIR BRAKE GERMANY - PIPES - C5419

Ref	Part Number	Qty	Description
1	82019397	1	FITTING,
2	82036709	3	CLAMP, HOSE,
3	82031551	1	FITTING, M26X1,5
4	82032018	1	SPACER, D=26
5	86512947	1	ELBOW, 90є, 7/16"-20, 37є x 1/8"-27, NPTF,
6	80263117	2	STRAP, SECURING, 3/32" x 11-1/2" L
7	14437585	1	O-RING, 8MM ID x 1.5 Thk,
8	82002502	1	ELBOW,
9	82020927	1	TUBE, RIGID, , BSN ACM262152
9	87349039	1	TUBE, RIGID, , ASN ACM262153
10	82033110	1	HOSE, FLEXIBLE, , -C5221
11	82031550	1	BOLT, BANJO, M26 x 1.5
12	82031552	1	WASHER, COPPER, D=26
13	87346075	1	, D5221-

D5221 After Date 01 August 2005□□D5333 Serial N.ACM262153□□C5419 Serial N. ACM275356

1.68.6/01(03A) (VAR.385) TRAILER AIR BRAKE GERMANY - PIPES -D5419





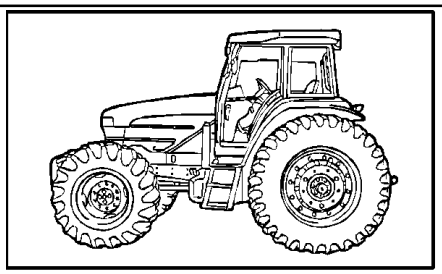
TM190 TRACTOR (6/02-) - Rear Axle

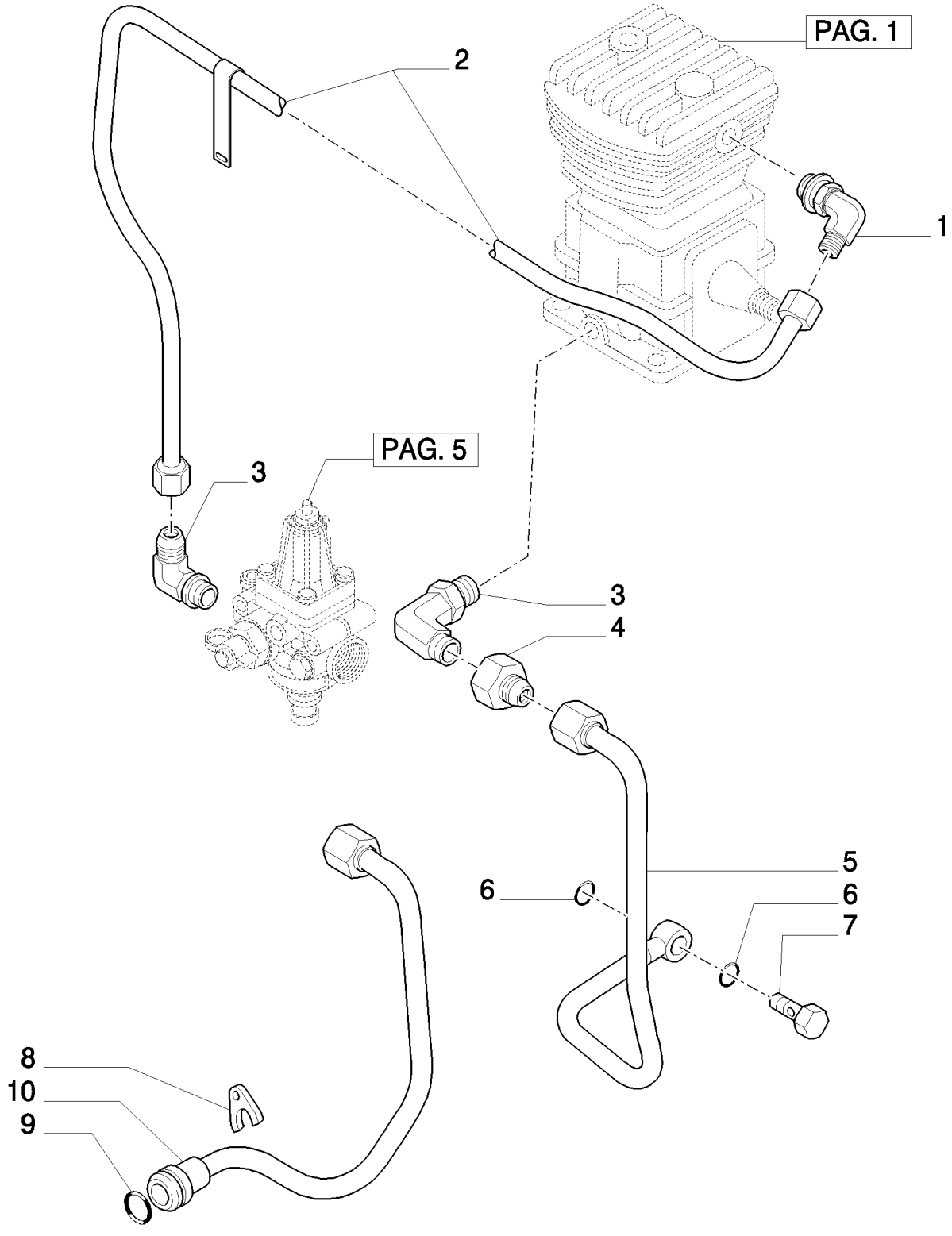
1.68.6/01(03A) (VAR.385) TRAILER AIR BRAKE GERMANY - PIPES -D5419

Ref	Part Number	Qty	Description
1	82019397	1	FITTING,
2	82036709	3	CLAMP, HOSE,
3	82031551	1	FITTING, M26X1,5
4	82032018	1	SPACER, D=26
5	86512947	1	ELBOW, 90є, 7/16"-20, 37є x 1/8"-27, NPTF,
6	80263117	2	STRAP, SECURING, 3/32" x 11-1/2" L
7	14437585	1	O-RING, 8MM ID x 1.5 Thk,
8	82002502	1	ELBOW,
9	87349039	1	TUBE, RIGID,
10	87392969	1	HOSE, FLEXIBLE,
11	82031550	1	BOLT, BANJO, M26 x 1.5
12	82031552	1	WASHER, COPPER, D=26

D5221 After Date 01 August 2005□□D5333 Serial N.ACM262153□□D5419 Serial N. ACM275357

1.68.6/01(04) (VAR.385) TRAILER AIR BRAKE GERMANY - PIPES





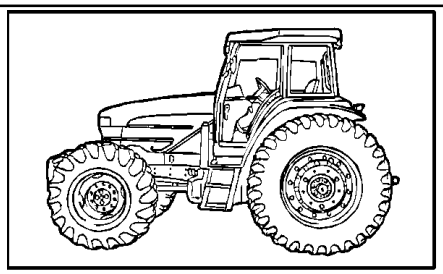
TM190 TRACTOR (6/02-) - Rear Axle

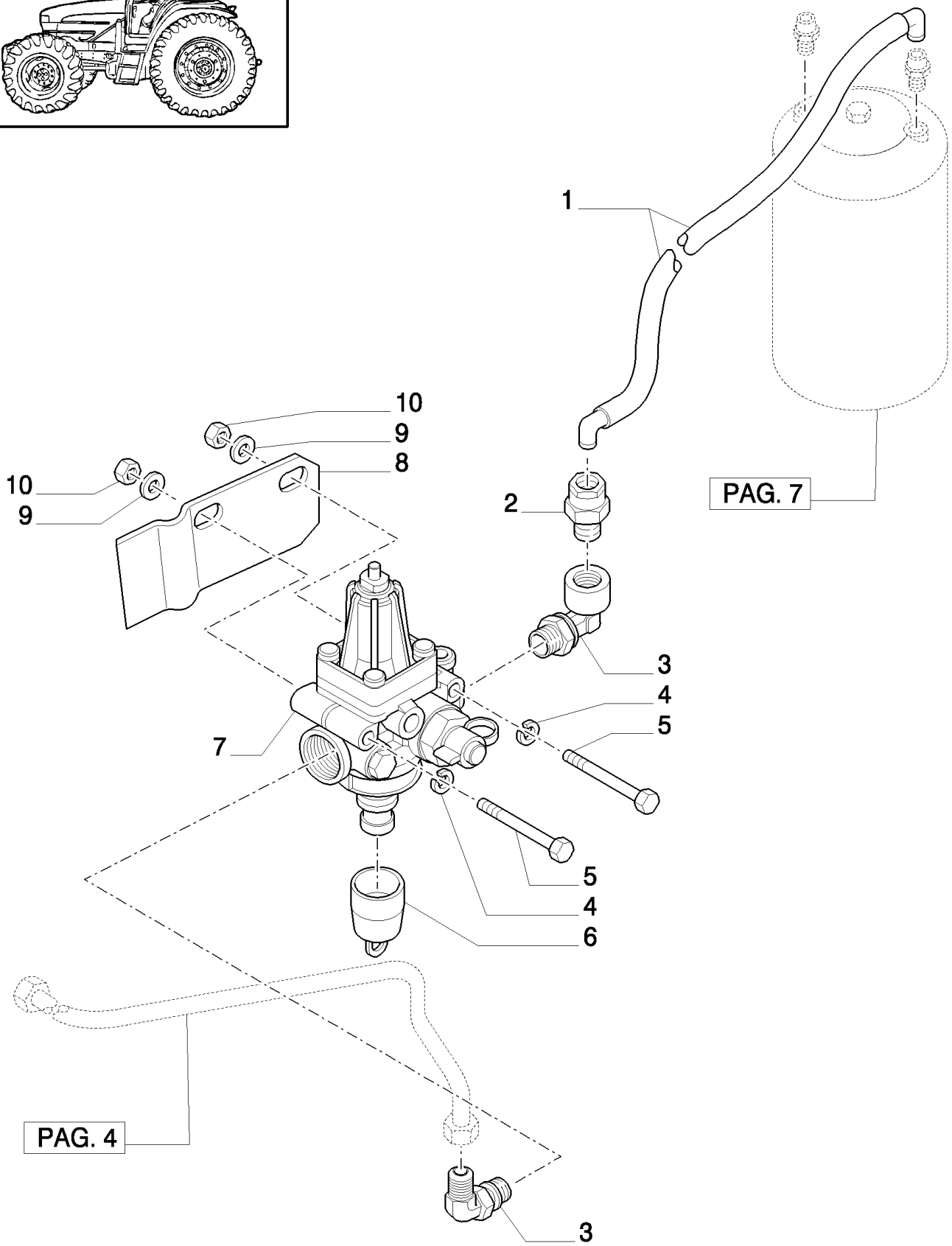
1.68.6/01(04) (VAR.385) TRAILER AIR BRAKE GERMANY - PIPES

Ref	Part Number	Qty	Description
1	82003205	1	CONNECTOR, HYD.,
2	82020929	1	TUBE, RIGID, , BSN 217254
2	82033310	1	TUBE, RIGID, , ASN 217255
3	82003206	2	ELBOW,
4	82006545	1	ADAPTER, , BSN ACM262152
5	82020928	1	TUBE, RIGID, , BSN ACM262152
6	4858609	2	O-RING, , BSN ACM262152
7	10184417	1	BOLT, BANJO, M16 x 1.5 x 31, , BSN ACM262152
8	2853564	1	BRACKET, , ASN ACM262153
9	14457580	1	O-RING, -117, 70 Duro, .799" ID x .103" Thk, , ASN ACM262153
10	87347563	1	, ACM262153-C5334
10	87398436	1	PIPE, , D5334-

D4855 Serial N.217255□D5333 Serial N.ACM262153□D5334 After Date 20 February 2006

1.68.6/01(05) (VAR.385) TRAILER AIR BRAKE GERMANY - PRESSURE ADJUSTMENT VALVE



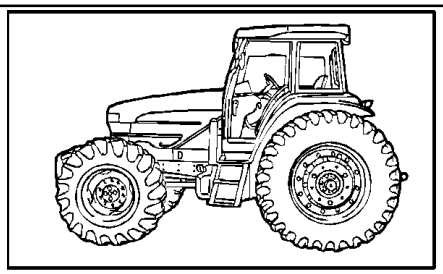


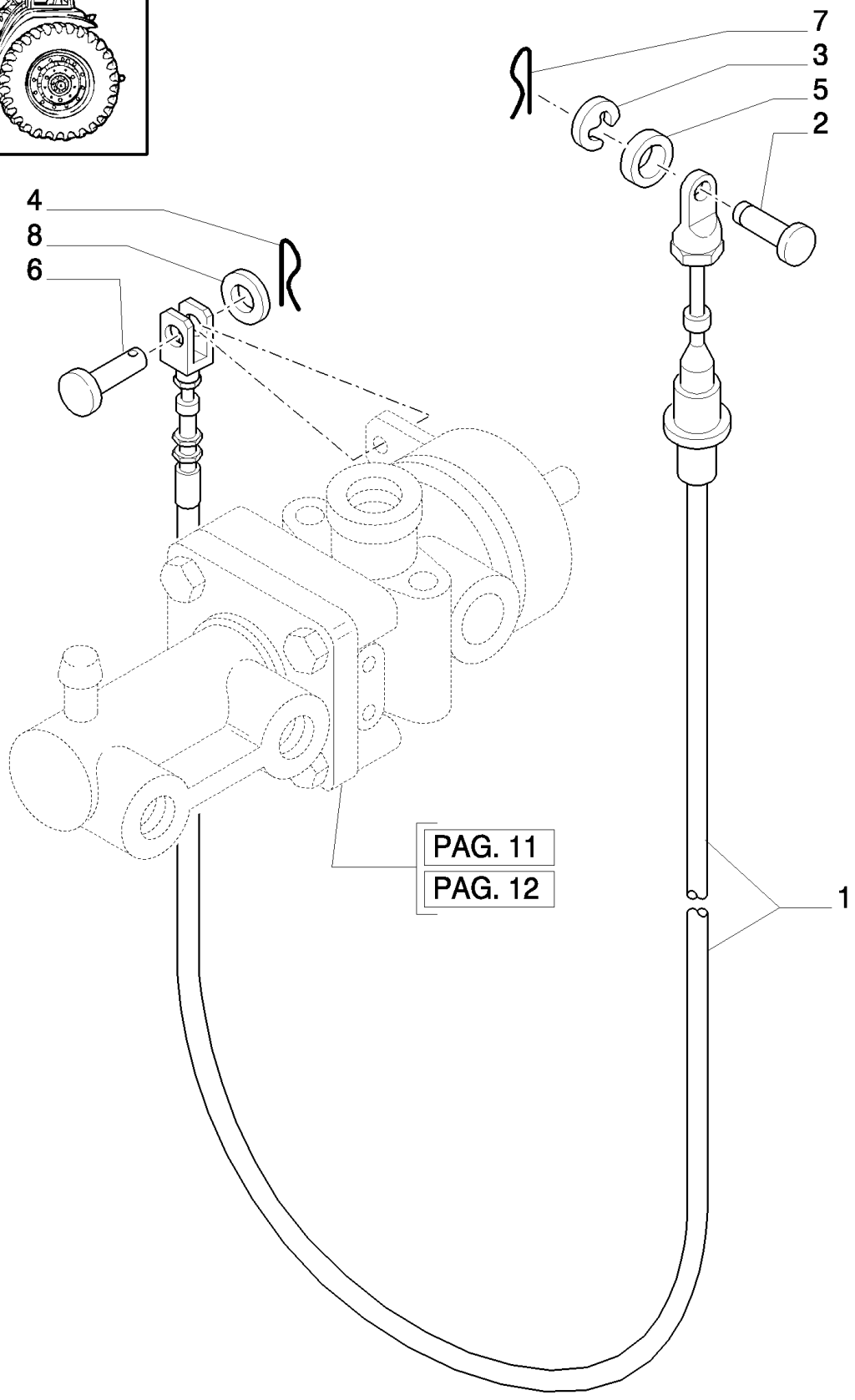
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/01(05) (VAR.385) TRAILER AIR BRAKE GERMANY - PRESSURE ADJUSTMENT VALVE

Ref	Part Number	Qty	Description
1	82018525	1	TUBE, RIGID, TM120, TM130, TM140, TM155
1	82019196	1	TUBE, RIGID, TM175, TM190
2	82017722	1	CONNECTOR, HYD.,
3	82003206	2	ELBOW,
4	10516674	2	WASHER, LOCK,
5	16201624	2	BOLT, Hex, M8 x 75,
6	82001979	1	VALVE,
7	82001015	1	VALVE, CONTROL,
8	82018549	1	BRACKET,
9	14496504	2	WASHER, M8 x 17 x 1.6,
10	16100811	2	NUT, M8, Cl 8,

1.68.6/01(06) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR BRAKE CABLE



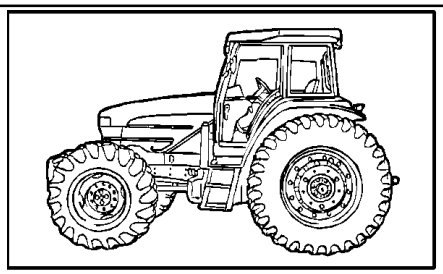


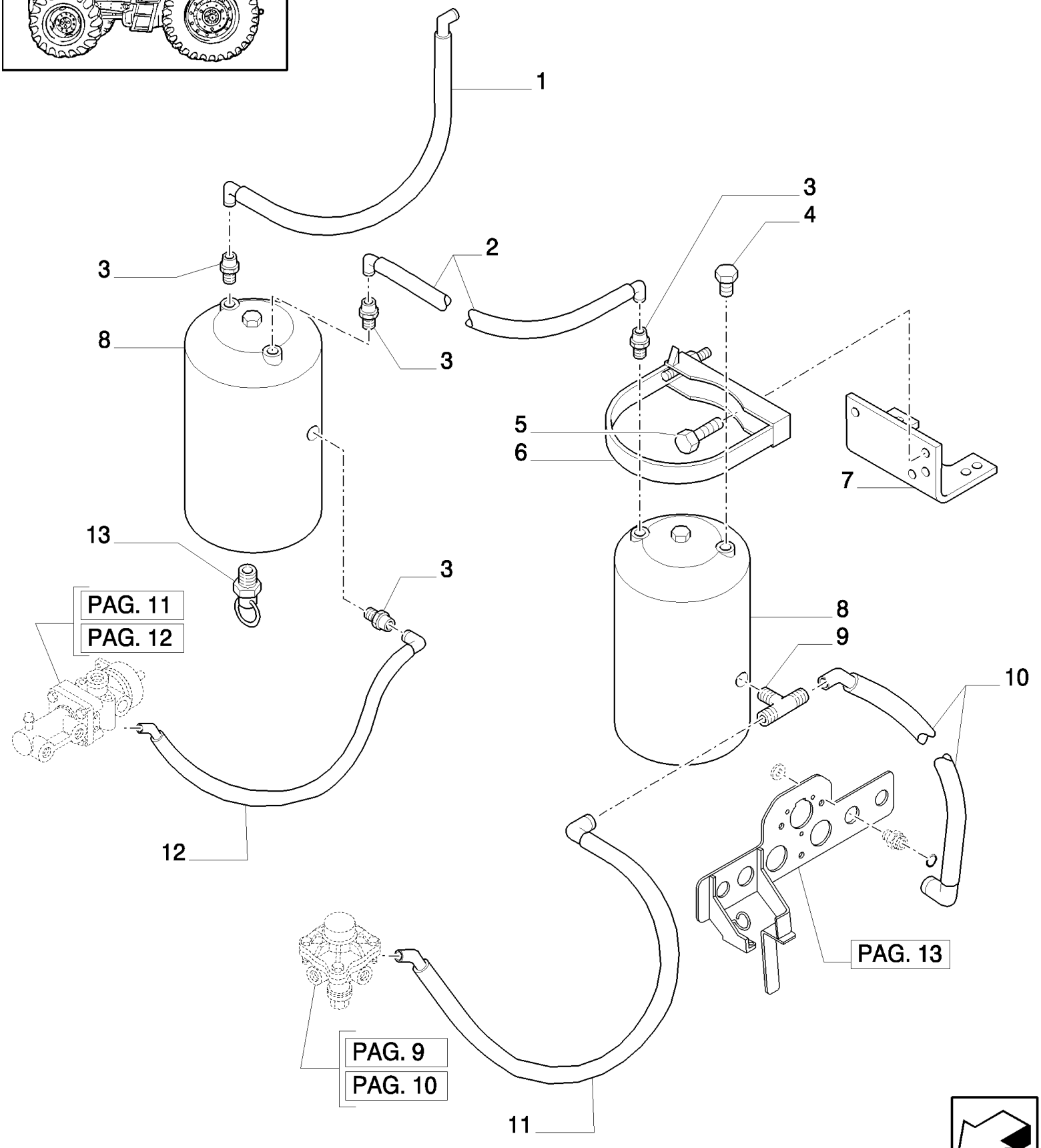
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/01(06) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR BRAKE CABLE

Ref	Part Number	Qty	Description
1	82024868	1	CABLE, TM120, TM130, TM140, TM155
1	82032323	1	CABLE, TM175, TM190
2	82019625	1	PIN,
3	11087374	2	CIRCLIP, M13,
4	10734401	1	PIN, SPLIT (COTTER), M2 x 22,
5	82019659	1	SPACER, 10X19X8,5, TM120, TM130, TM140, TM155
6	10050811	1	PIN,
7	10766901	1	PIN, SPLIT (COTTER), M3.2 x 25,
8	11193874	1	WASHER, SPRING, Belleville, M8.4,

1.68.6/01(07) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR TANK AND PIPES



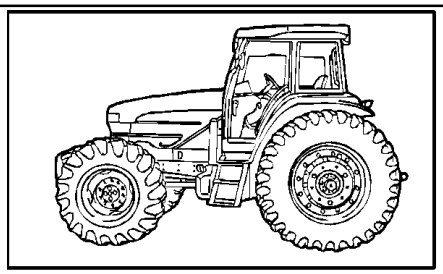


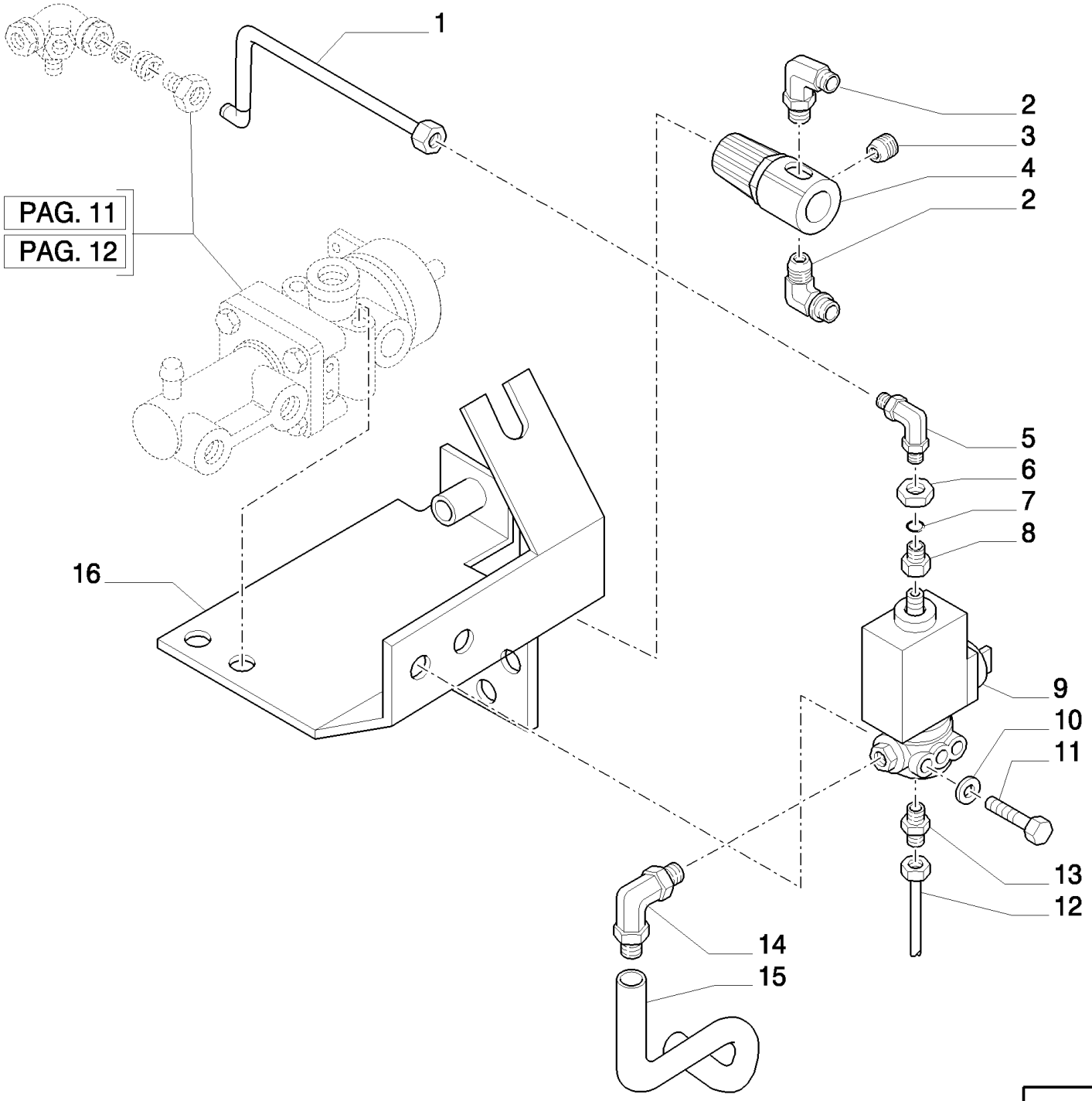
1.68.6/01(07) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR TANK AND PIPES

Ref	Part Number	Qty	Description
1	82018525	1	TUBE, RIGID, TM120, TM130, TM140, TM155
1	82019196	1	TUBE, RIGID, TM175, TM190
2	82006834	1	TUBE, , -C5213
2	87356630	1	TUBE, , D5213-
3	82017722	4	CONNECTOR, HYD.,
4	82014913	1	PLUG,
5	10979224	4	BOLT, Hex, M10 x 16, 8.8, Full Thd,
6	82020478	2	BRACKET,
7	82011501	2	BRACKET,
8	82020479	2	RESERVOIR, AIR,
9	82014912	1	PLUG, M10X16
10	82024866	1	TUBE, RIGID, RED, TM120, TM130, TM140, TM155
10	82023452	1	TUBE, RIGID, RED, TM175, TM190
11	82014915	1	TUBE, RIGID,
12	82030974	1	TUBE, RIGID, POLYAMIDE TUBE L=MM.950
13	82004266	2	VALVE,

D5213 After Date 07 Jannuary 2005

1.68.6/01(08) (VAR.385) TRAILER AIR BRAKE GERMANY - BRACKET AND RELEVANT PARTS - C5339

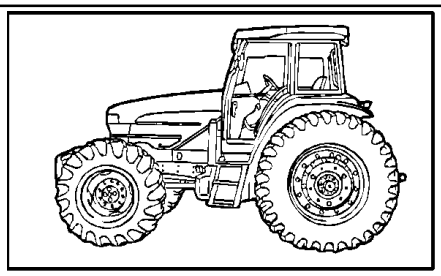


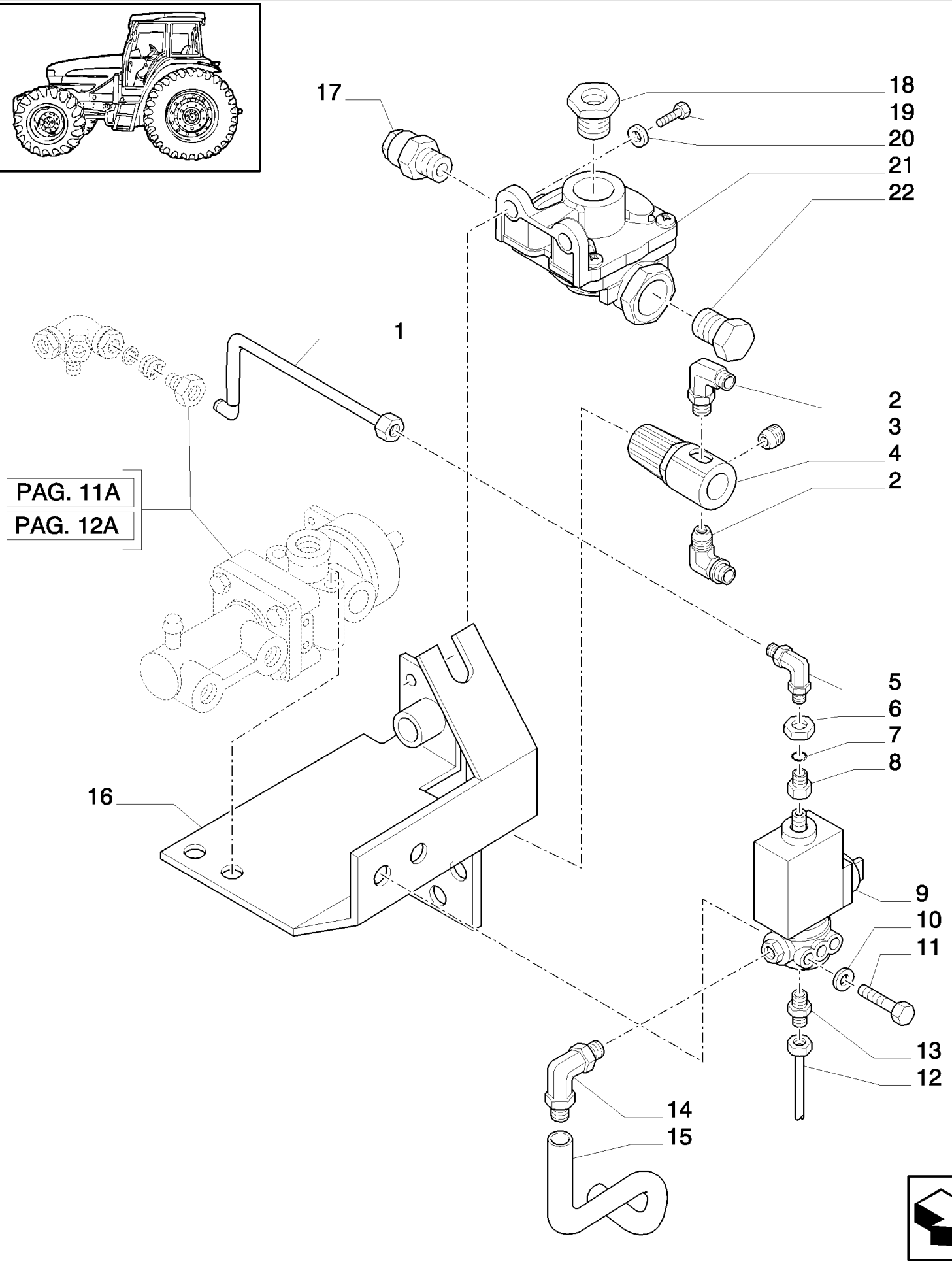


1.68.6/01(08) (VAR.385) TRAILER AIR BRAKE GERMANY - BRACKET AND RELEVANT PARTS - C5339

Ref	Part Number	Qty	Description
1	82019622	1	HOSE, FLEXIBLE,
2	82024156	2	ELBOW,
3	82017203	1	PLUG,
4	82016887	1	VALVE, CONTROL,
5	82019627	1	ELBOW,
6	82019834	1	NUT,
7	82019835	1	GASKET,
8	82019833	1	CONNECTOR, HYD.,
9	82006252	1	VALVE, CONTROL,
10	10516674	2	WASHER, LOCK,
11	16201324	2	BOLT, Hex, M8 x 60,
12	82019793	1	TUBE,
13	82006828	1	CONNECTOR, HYD.,
14	82017199	1	ELBOW,
15	82019624	1	TUBE, RIGID, L=270MM, TM120, TM130, TM140, TM155
16	82020512	1	BRACKET,

1.68.6/01(08A) (VAR.385) TRAILER AIR BRAKE GERMANY - BRACKET AND RELEVANT PARTS - D5339

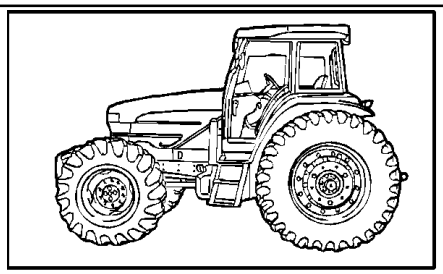


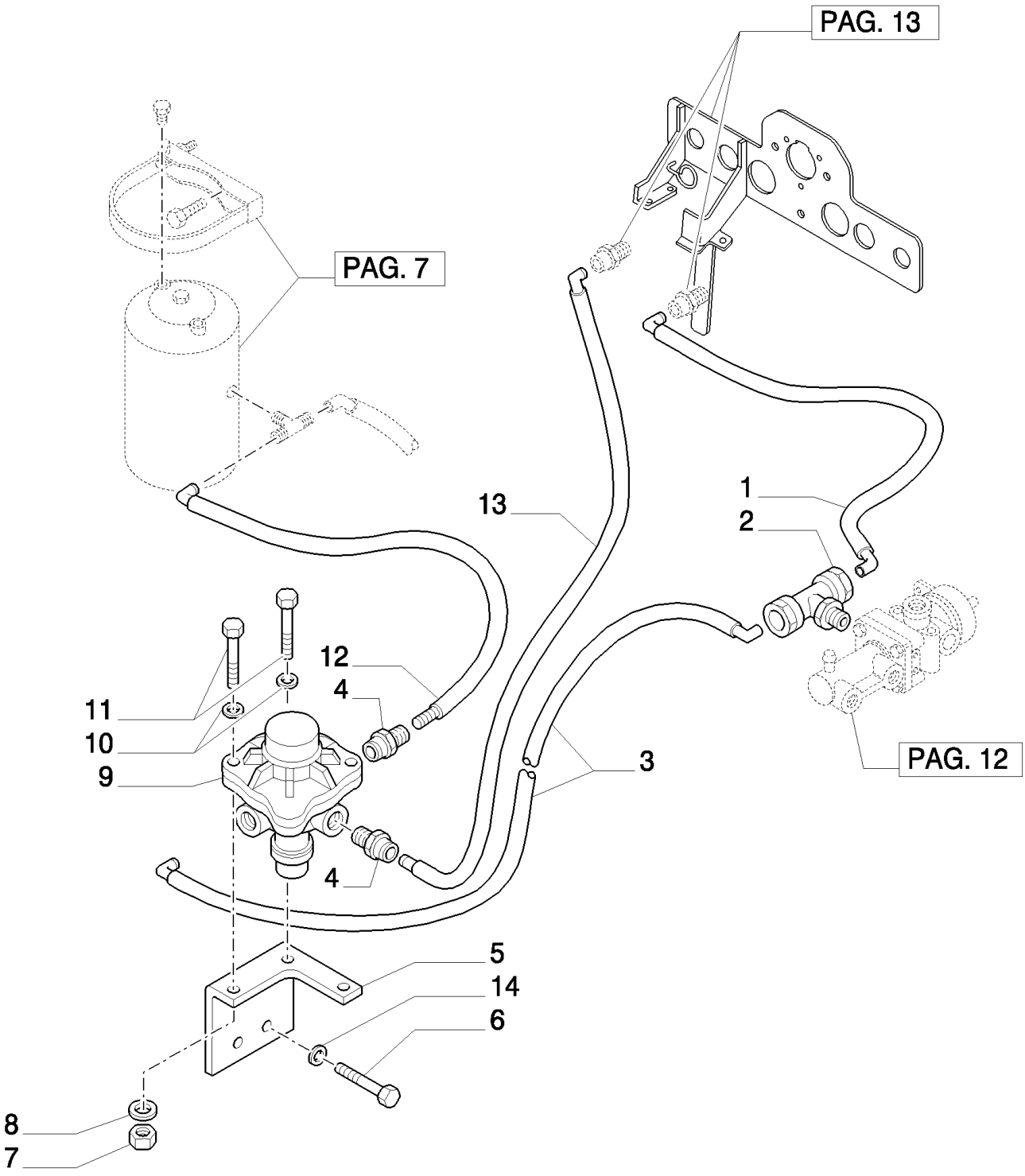


1.68.6/01(08A) (VAR.385) TRAILER AIR BRAKE GERMANY - BRACKET AND RELEVANT PARTS - D5339

Ref	Part Number	Qty	Description
1	82019622	1	HOSE, FLEXIBLE,
2	82024156	2	ELBOW,
3	82017203	1	PLUG,
4	82016887	1	VALVE, CONTROL,
5	82019627	1	ELBOW,
6	82019834	1	NUT,
7	82019835	1	GASKET,
8	82019833	1	CONNECTOR, HYD.,
9	82006252	1	VALVE, CONTROL,
10	10516674	2	WASHER, LOCK,
11	16201324	2	BOLT, Hex, M8 x 60,
12	82019793	1	TUBE,
13	82006828	1	CONNECTOR, HYD.,
14	82017199	1	ELBOW,
15	82019624	1	TUBE, RIGID, L=270MM, TM120, TM130, TM140, TM155
16	87387687	1	BRACKET,
17	82017722	1	CONNECTOR, HYD.,
18	82036156	1	CONNECTOR, HYD.,
19	16043621	2	BOLT, Hex, M8 x 25, 8.8,
20	14496501	2	WASHER, M8 x 16 x 1.6,
21	82033387	1	TRAILER BRAKE VALVE,
22	82014913	1	PLUG,

1.68.6/01(10) (VAR.385) TRAILER AIR BRAKE GERMANY - TRAILER BRAKE CONTROL VALVE AND PIPES



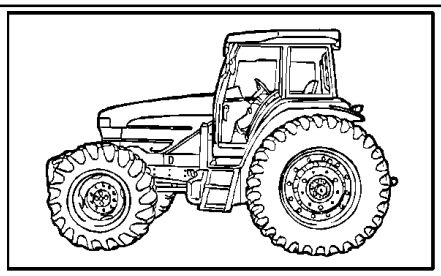


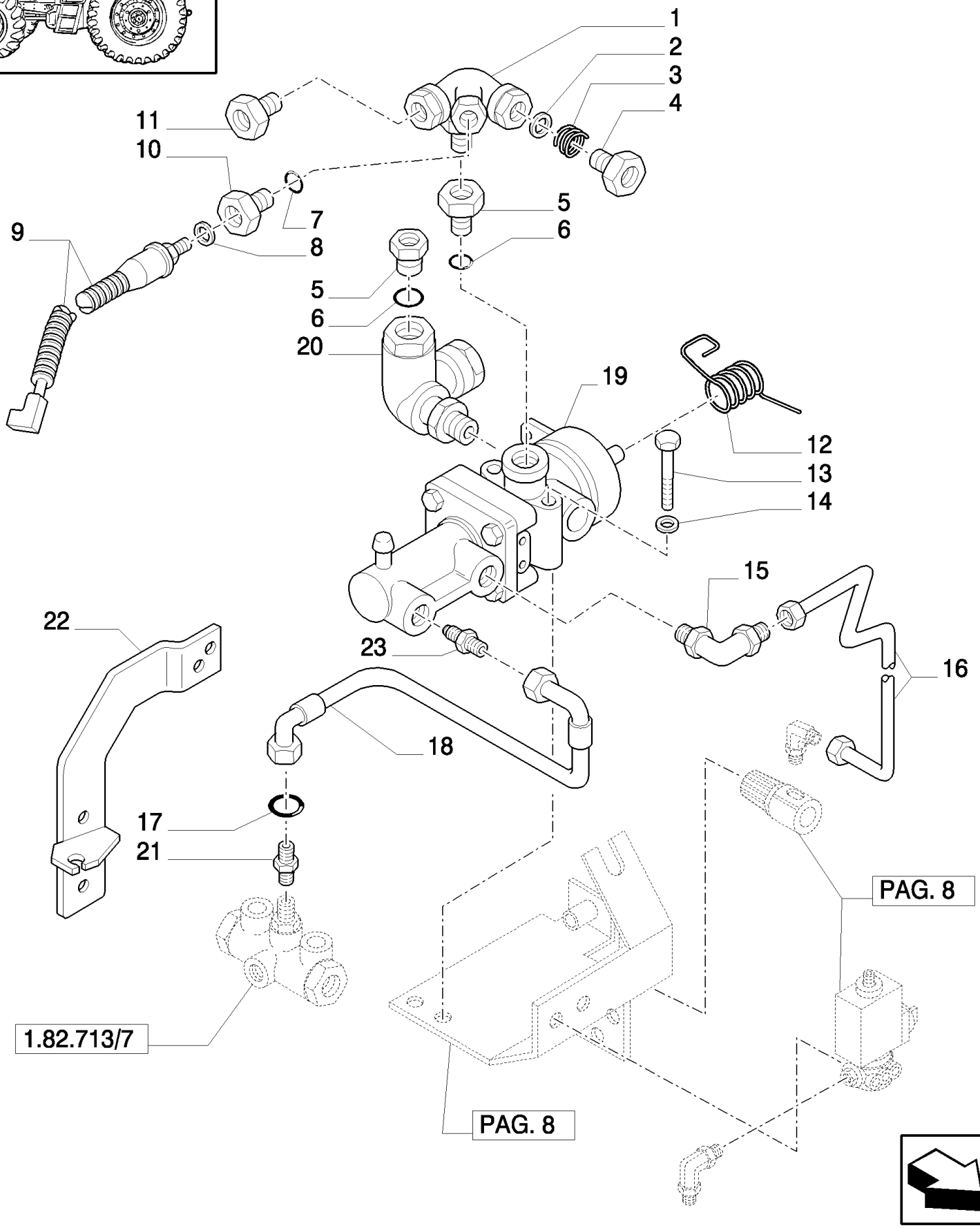
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/01(10) (VAR.385) TRAILER AIR BRAKE GERMANY - TRAILER BRAKE CONTROL VALVE AND PIPES

Ref	Part Number	Qty	Description
1	82023450	1	TUBE, RIGID, YELLOW
2	82006829	1	CONNECTOR, HYD.,
3	82030974	1	TUBE, RIGID,
4	82017722	2	CONNECTOR, HYD.,
5	82027184	1	BRACKET,
6	11106021	2	BOLT, Hex, M10 x 20, 8.8, Full Thd,
7	11701721	3	NUT, M10, Cl 10,
8	14496621	3	WASHER, M10 x 21 x 2,
9	82006250	1	VALVE, CONTROL,
10	10516674	2	WASHER, LOCK,
11	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
12	82014915	1	TUBE, RIGID,
13	82023453	1	TUBE, RIGID,
14	14496601	2	WASHER, M10 x 20 x 2,

1.68.6/01(12) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR BRAKE CONTROL VALVE - C5339

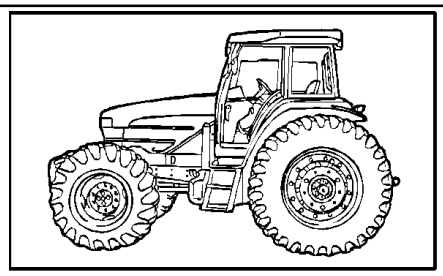


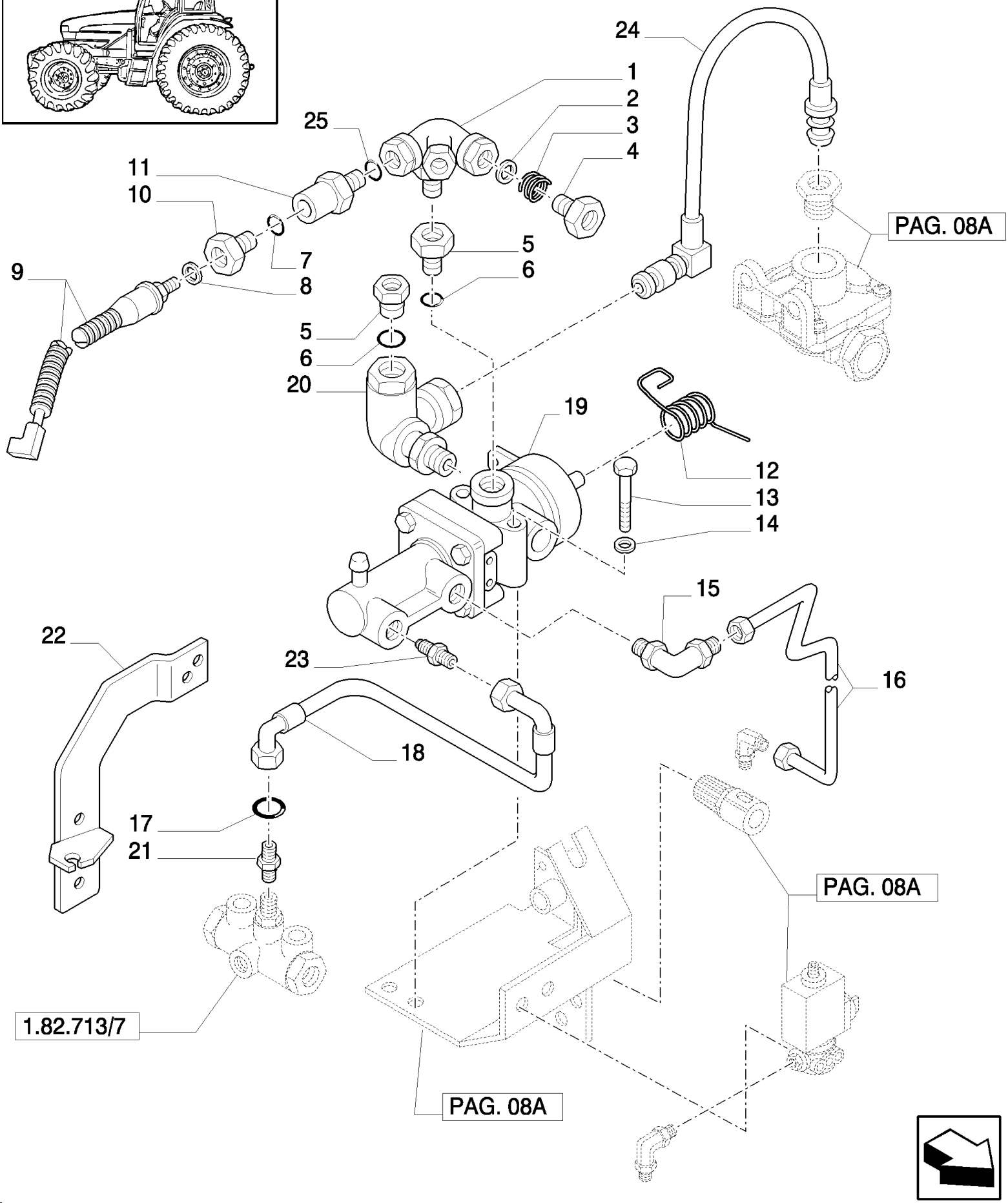


1.68.6/01(12) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR BRAKE CONTROL VALVE - C5339

Ref	Part Number	Qty	Description
1	82019795	1	FITTING,
2	82019802	1	CLIP,
3	82019801	1	GASKET,
4	82019803	1	NUT,
5	82019796	1	NUT,
6	82019797	1	O-RING,
7	82019799	1	O-RING,
8	5169544	1	SEAL,
9	82017517	1	SWITCH, Transducer, Air Brake Pressure
10	82019800	1	CONNECTOR, HYD.,
11	82019798	1	CONNECTOR, HYD.,
12	82019558	1	SPRING,
13	16201324	2	BOLT, Hex, M8 x 60,
14	10516674	2	WASHER, LOCK,
15	82017199	1	ELBOW,
16	82019623	1	TUBE, RIGID,
17	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
18	82023187	1	HOSE, FLEXIBLE,
19	82030571	1	VALVE, HYDRAULIC,
20	82023180	1	FITTING,
21	5155506	1	CONNECTOR, HYD.,
22	82031392	1	BRACKET,
23	82022287	1	FITTING,

1.68.6/01(12A) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR BRAKE CONTROL VALVE - D5339



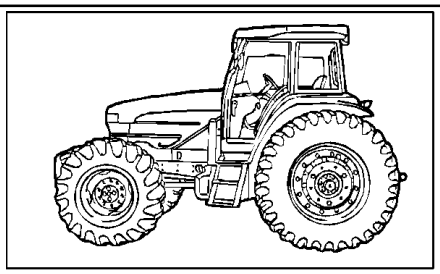


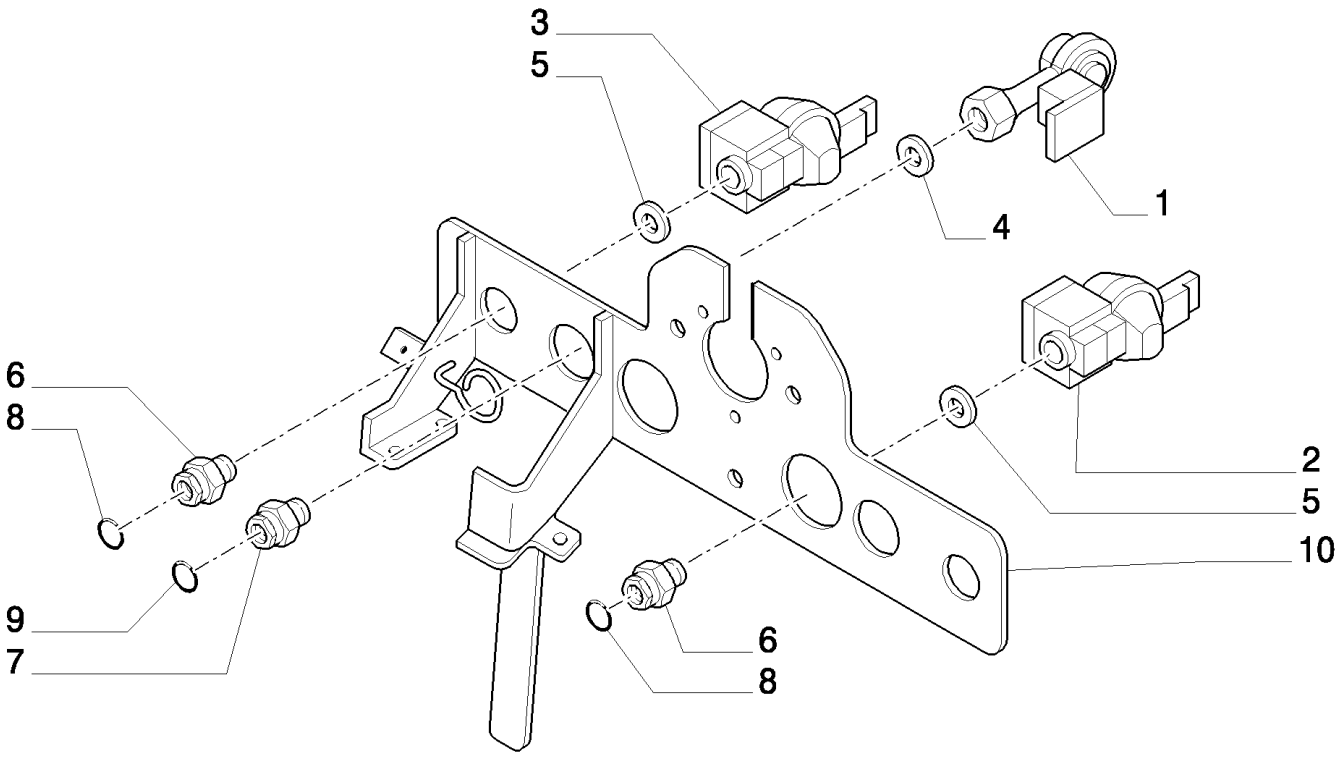
1.68.6/01(12A) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR BRAKE CONTROL VALVE - D5339

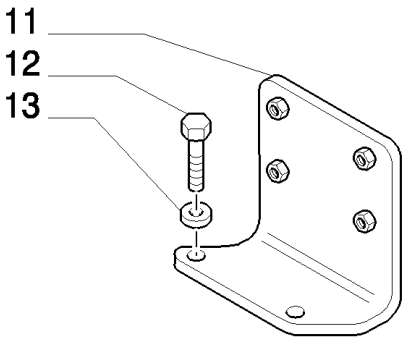
Ref	Part Number	Qty	Description
1	82019795	1	FITTING,
2	82019802	1	CLIP,
3	82019801	1	GASKET,
4	82019803	1	NUT,
5	82019796	2	NUT,
6	82019797	2	O-RING,
7	82019799	1	O-RING,
8	5169544	1	SEAL,
9	82017517	1	SWITCH, Transducer, Air Brake Pressure
10	82019800	1	CONNECTOR, HYD.,
11	87392490	1	ADAPTER,
12	82019558	1	SPRING,
13	16201324	2	BOLT, Hex, M8 x 60,
14	10516674	2	WASHER, LOCK,
15	82017199	1	ELBOW,
16	82019623	1	TUBE, RIGID,
17	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
18	82023187	1	HOSE, FLEXIBLE,
19	82030571	1	VALVE, HYDRAULIC,
20	82023180	1	FITTING,
21	5155506	1	CONNECTOR, HYD.,
22	82031392	1	BRACKET,
23	82022287	1	FITTING,
24	87389131	1	TUBE,
25	87392491	1	O-RING,

D5339 Serial N.ACM268363

1.68.6/01(13) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR BRAKE BRACKET AND RELEVANT PARTS



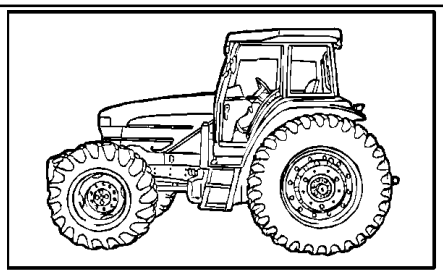


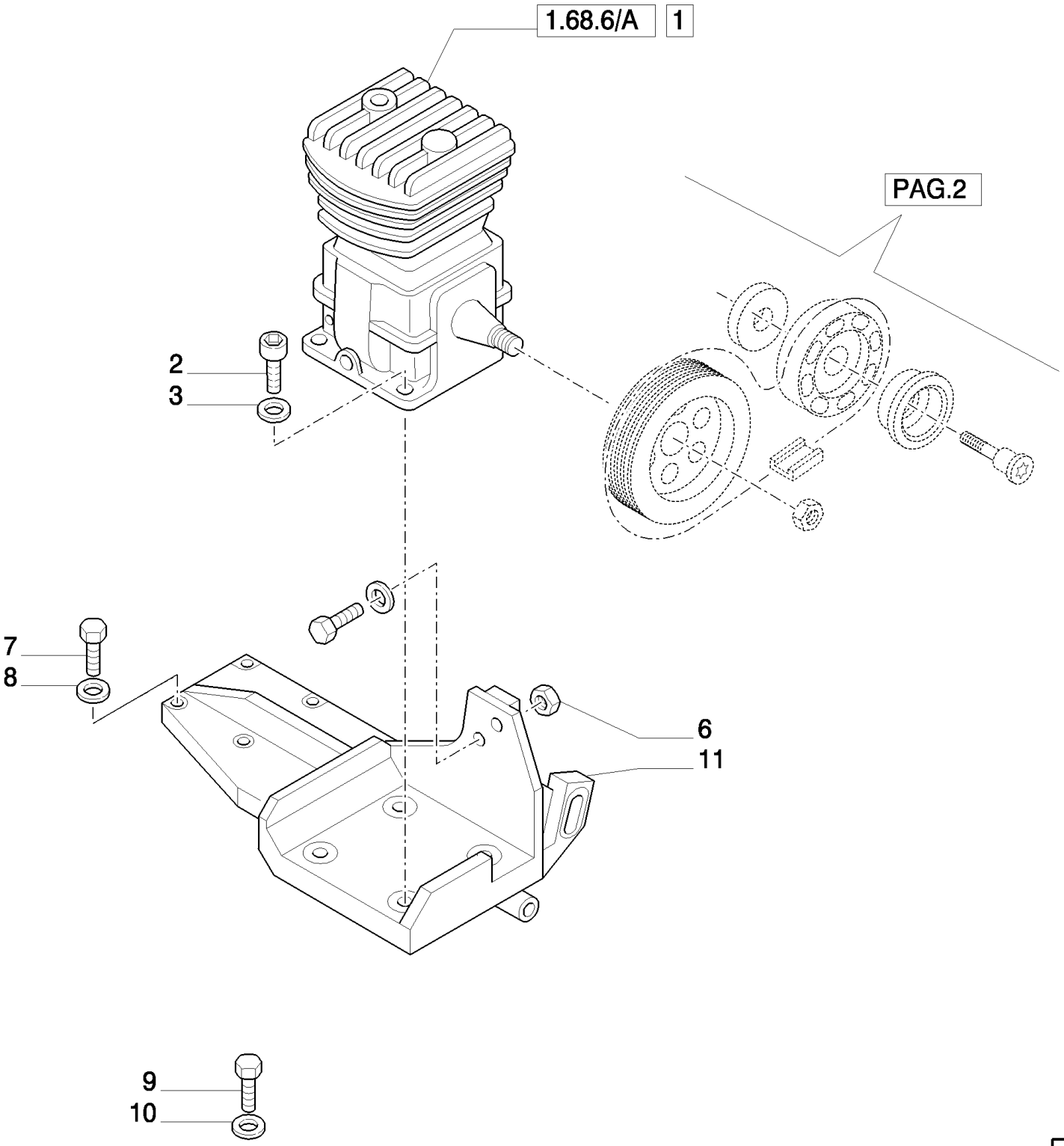


1.68.6/01(13) (VAR.385) TRAILER AIR BRAKE GERMANY - AIR BRAKE BRACKET AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	82001018	1	COUPLING, BLACK
2	82001020	1	COUPLING, YELLOW
3	82001019	1	COUPLING, RED
4	82006328	1	WASHER, LOCK, M22
5	82006327	2	WASHER, LOCK, M16
6	82006298	2	CONNECTOR, HYD., M16
7	82006297	1	CONNECTOR, HYD., M22
8	82006329	2	GASKET,
9	82006330	1	O-RING,
10	87308079	1	BRACKET,
11	82030536	1	BRACKET,
12	10902424	2	BOLT, Hex, M6 x 20, 8.8, Full Thd,
13	14496404	2	WASHER, LOCK, 6X125

1.68.6/02(01) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - BRACKET FOR AIR COMPRESSOR



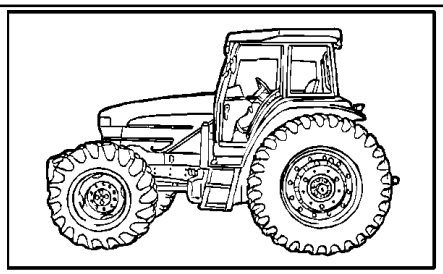


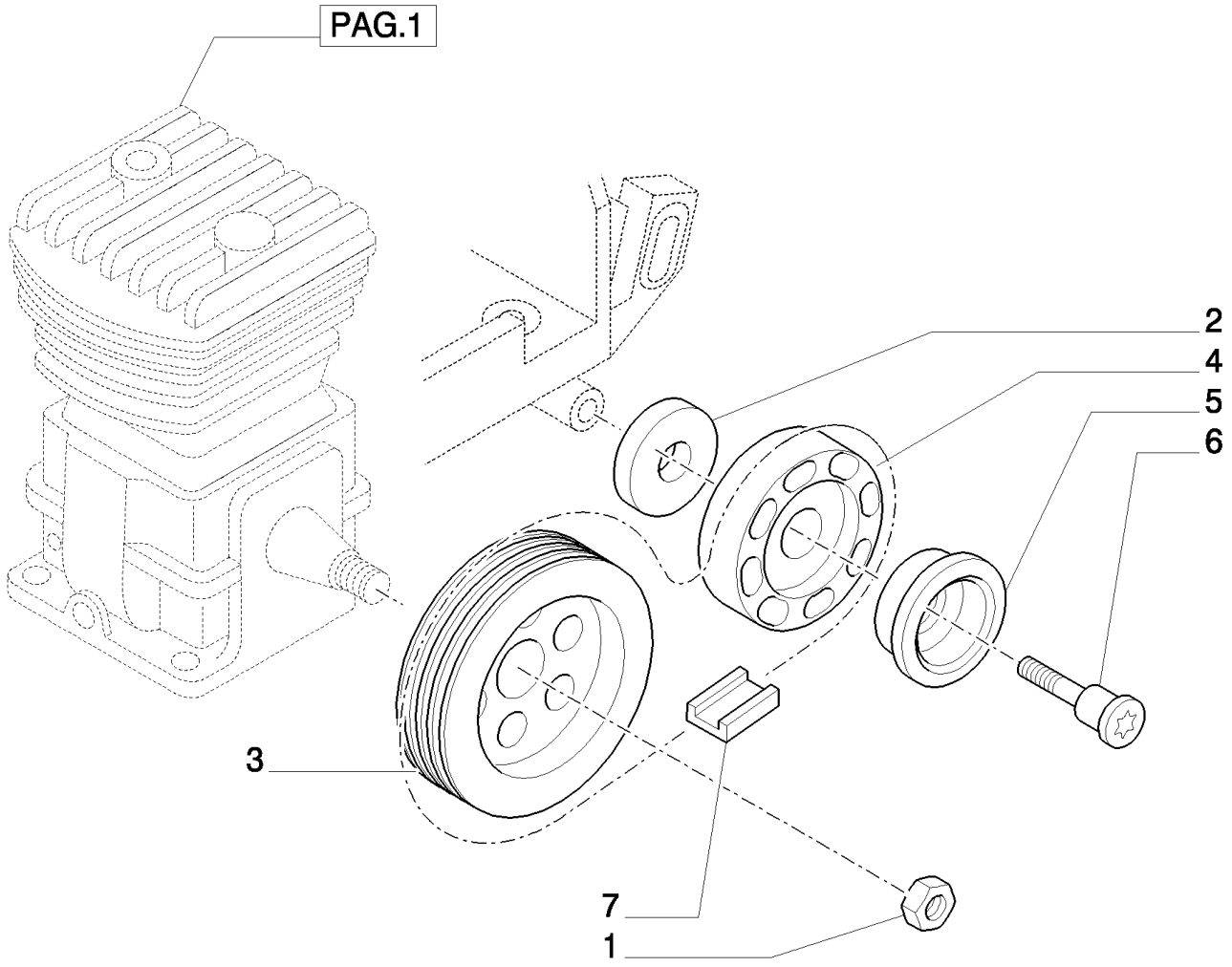
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/02(01) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - BRACKET FOR AIR COMPRESSOR

Ref	Part Number	Qty	Description
1	82003029	1	COMPRESSOR, AIR, ASSY
2	14306624	4	SCREW, Hex Soc Hd, M8 x 35, 10.9,
3	80681	4	WASHER, LOCK, 5/16",
4	16204724	2	BOLT, Hex, M10 x 45,
5	12605671	2	WASHER, LOCK, Int Tooth, M10,
6	12164714	2	NUT, M10 x 1.25, Cl 8,
7	15213321	4	BOLT, Hex, M8 x 35, 8.8,
8	14496504	4	WASHER, M8 x 17 x 1.6,
9	81865025	1	BOLT, M10X1.5 X65
9	70929014	1	SCREW, Cap, HH, G8, 7/16"-14 x 3-1/2"
10	100016	1	NUT, M10, Cl 8,
10	87363	1	WASHER, 7/16", SAE,
11	82024883	1	BRACKET,

1.68.6/02(02) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - TRANSMISSION BRAKE PULLEY



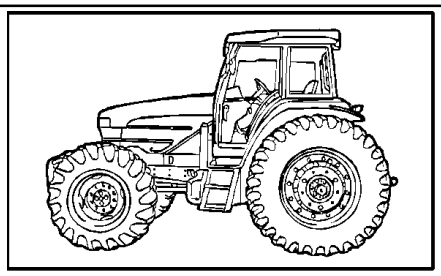


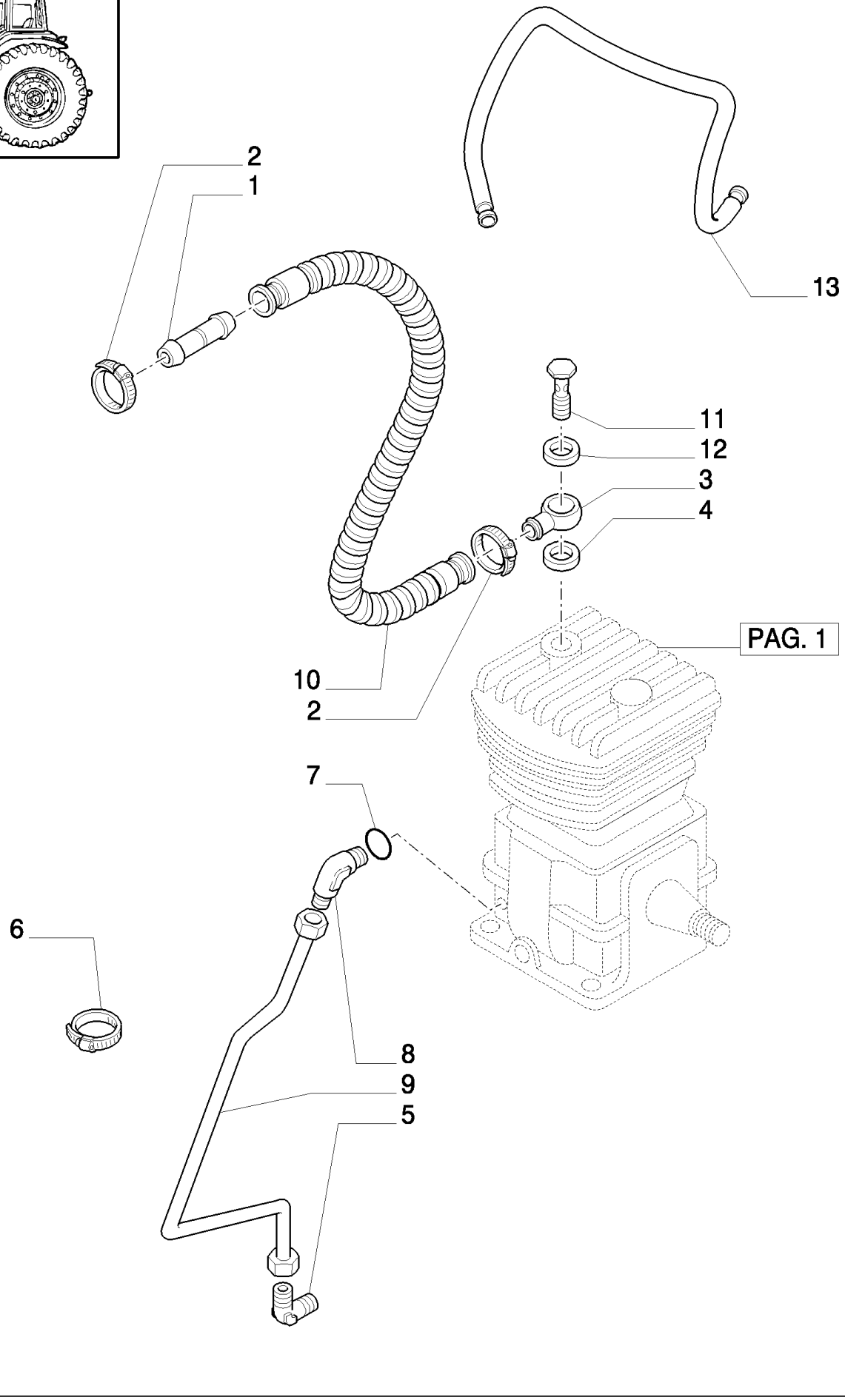
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/02(02) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - TRANSMISSION BRAKE PULLEY

Ref	Part Number	Qty	Description
1	14088711	1	NUT, M12X1,25
2	82024061	1	SPACER,
3	82020926	1	PULLEY,
4	82024062	1	PULLEY, DRIVEN,
5	87840420	1	COVER,
6	82024060	1	SCREW, M12X1,25X60
7	82021010	1	BELT,

1.68.6/02(03) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - PIPES - C5419





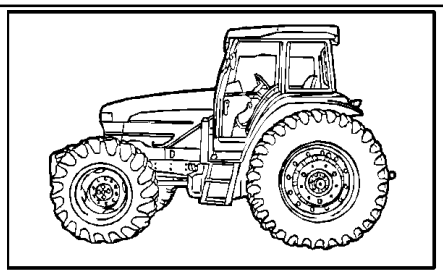
TM190 TRACTOR (6/02-) - Rear Axle

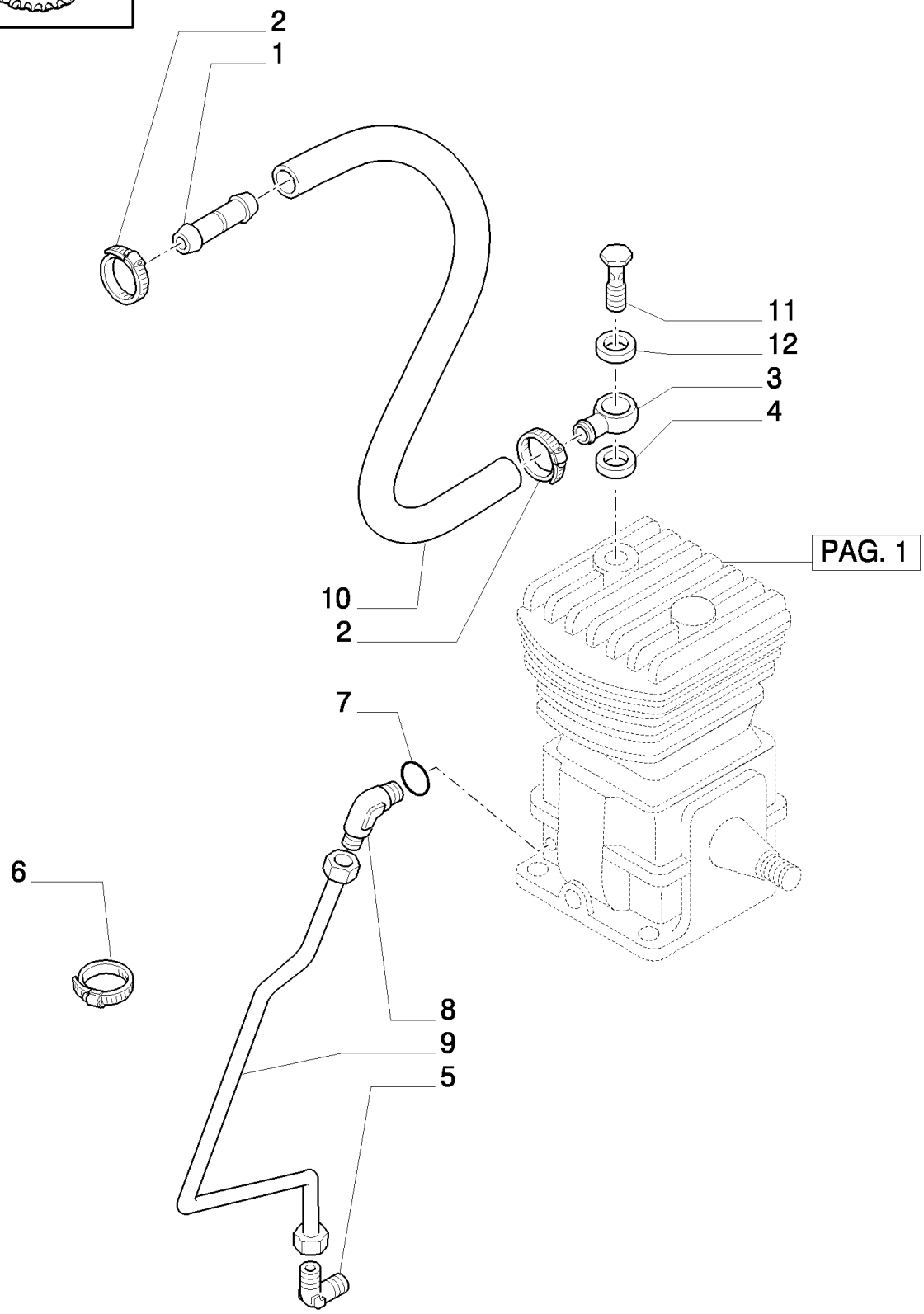
1.68.6/02(03) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - PIPES - C5419

Ref	Part Number	Qty	Description
1	82019397	1	FITTING,
2	82036709	3	CLAMP, HOSE,
3	82031551	1	FITTING, M26X1,5
4	82032018	1	SPACER, D=26
5	86512947	1	ELBOW, 90є, 7/16"-20, 37є x 1/8"-27, NPTF,
6	80263117	2	STRAP, SECURING, 3/32" x 11-1/2" L
7	14437585	1	O-RING, 8MM ID x 1.5 Thk,
8	82002502	1	ELBOW,
9	82020927	1	TUBE, RIGID, , BSN ACM262152
9	87349039	1	TUBE, RIGID, , ASN ACM262153
10	82033110	1	HOSE, FLEXIBLE, , -C5221
11	82031550	1	BOLT, BANJO, M26 x 1.5
12	82031552	1	WASHER, COPPER, D=26
13	87346075	1	, D5221-

D5221 After Date 01 August 2005□□D5333 Serial N.ACM262153□□C5419 Serial N. ACM275356

1.68.6/02(03A) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - PIPES - D5419





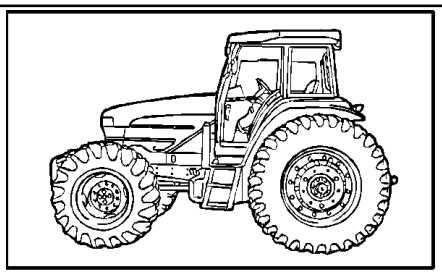
TM190 TRACTOR (6/02-) - Rear Axle

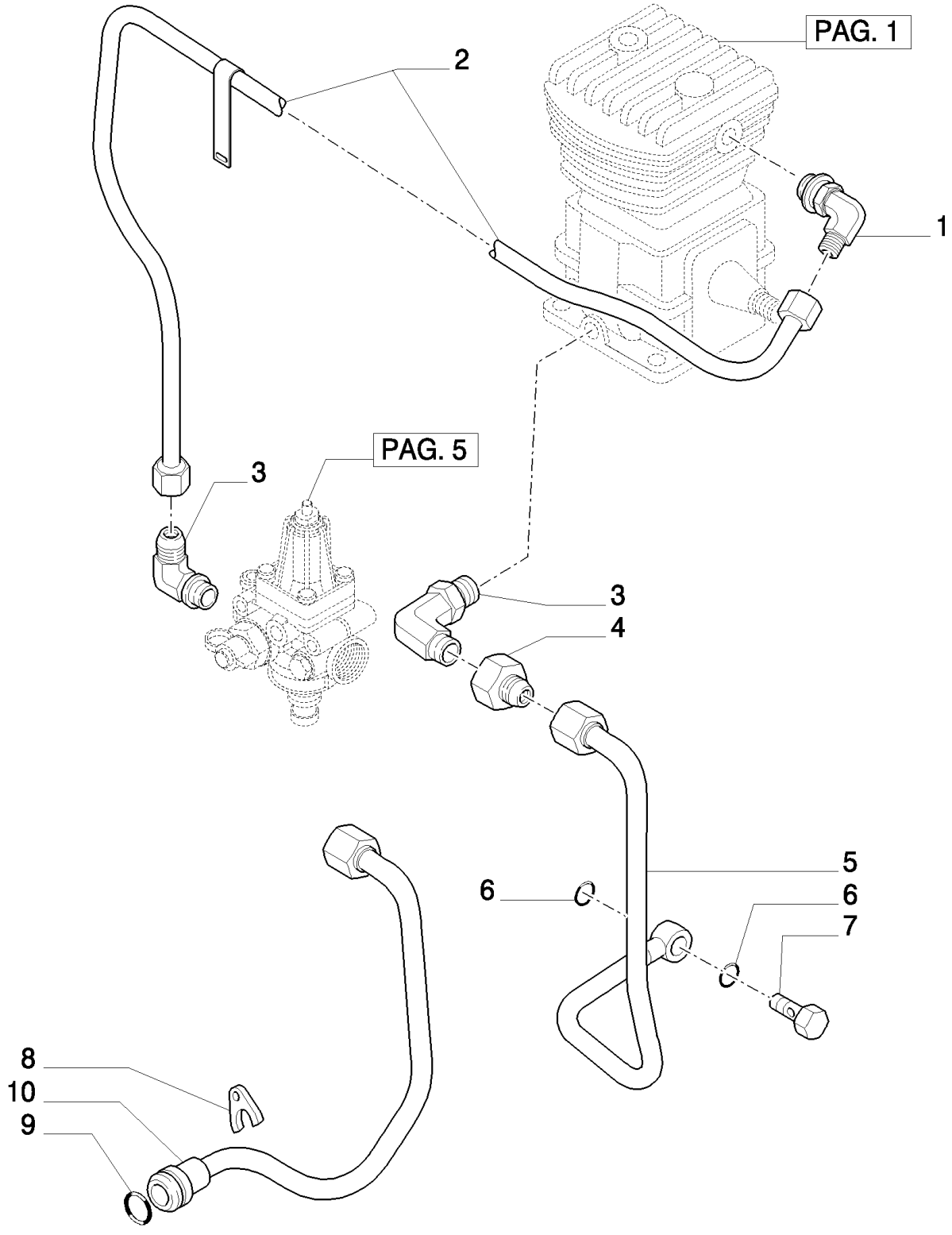
1.68.6/02(03A) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - PIPES - D5419

Ref	Part Number	Qty	Description
1	82019397	1	FITTING,
2	82036709	3	CLAMP, HOSE,
3	82031551	1	FITTING, M26X1,5
4	82032018	1	SPACER, D=26
5	86512947	1	ELBOW, 90є, 7/16"-20, 37є x 1/8"-27, NPTF,
6	80263117	2	STRAP, SECURING, 3/32" x 11-1/2" L
7	14437585	1	O-RING, 8MM ID x 1.5 Thk,
8	82002502	1	ELBOW,
9	87349039	1	TUBE, RIGID,
10	87392969	1	HOSE, FLEXIBLE,
11	82031550	1	BOLT, BANJO, M26 x 1.5
12	82031552	1	WASHER, COPPER, D=26

D5221 After Date 01 August 2005□□D5333 Serial N.ACM262153□□D5419 Serial N. ACM275357

1.68.6/02(04) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - PIPES





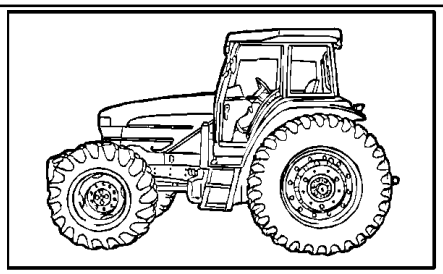
TM190 TRACTOR (6/02-) - Rear Axle

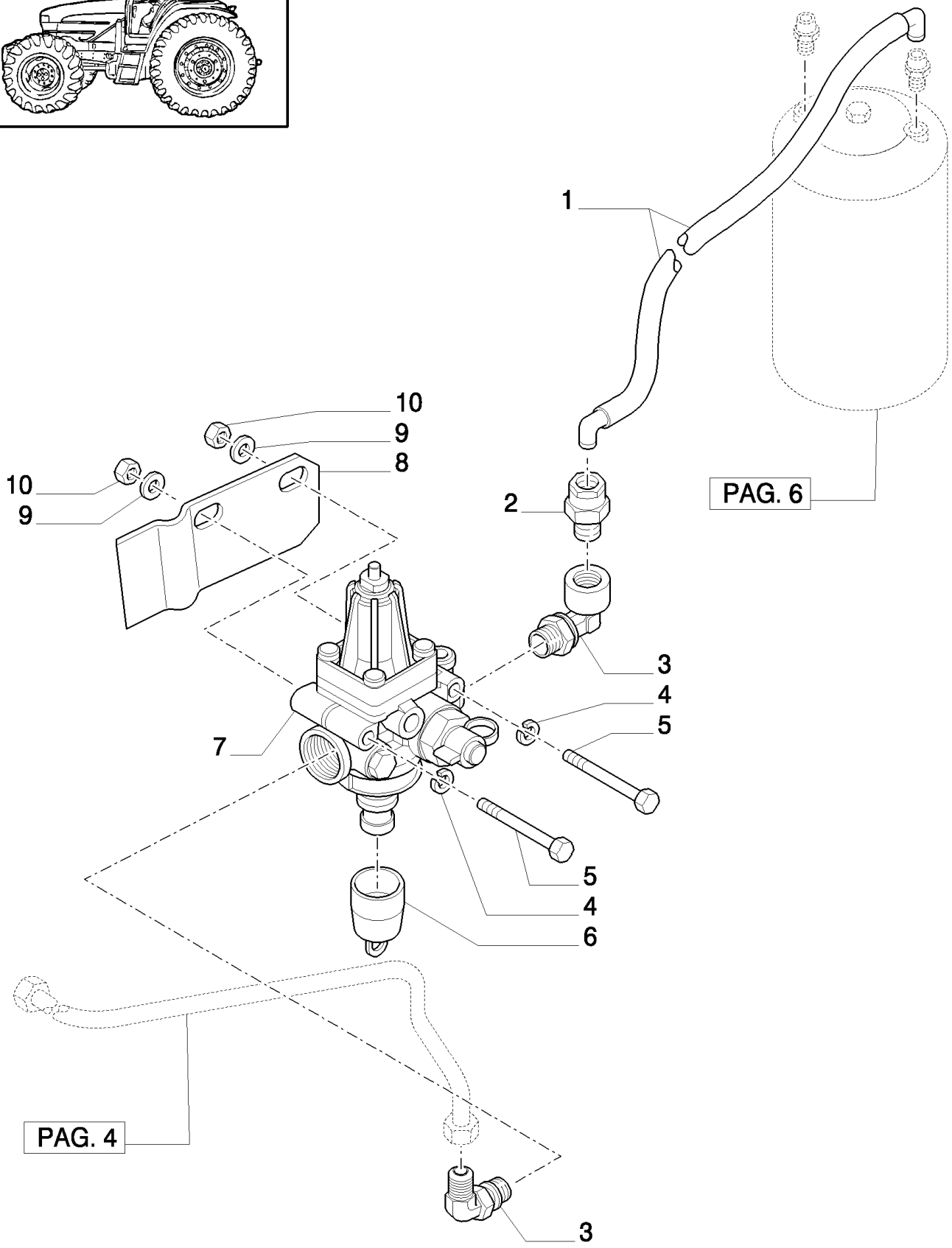
1.68.6/02(04) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - PIPES

Ref	Part Number	Qty	Description
1	82003205	1	CONNECTOR, HYD.,
2	82020929	1	TUBE, RIGID, , BSN 217254
2	82033310	1	TUBE, RIGID, , ASN 217255
3	82003206	2	ELBOW,
4	82006545	1	ADAPTER, , BSN ACM262152
5	82020928	1	TUBE, RIGID, , BSN ACM262152
6	4858609	2	O-RING, , BSN ACM262152
7	10184417	1	BOLT, BANJO, M16 x 1.5 x 31, , BSN ACM262152
8	2853564	1	BRACKET, , ASN ACM262153
9	14457580	1	O-RING, -117, 70 Duro, .799" ID x .103" Thk, , ASN ACM262153
10	87347563	1	, ACM262153-C5334
10	87398436	1	PIPE, , D5334-

D4855 Serial N.217255□D5333 Serial N.ACM262153□D5334 After Date 20 February 2006

1.68.6/02(05) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - PRESSURE ADJUSTMENT VALVE



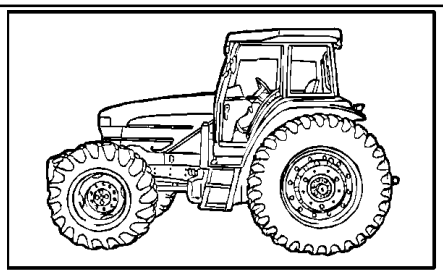


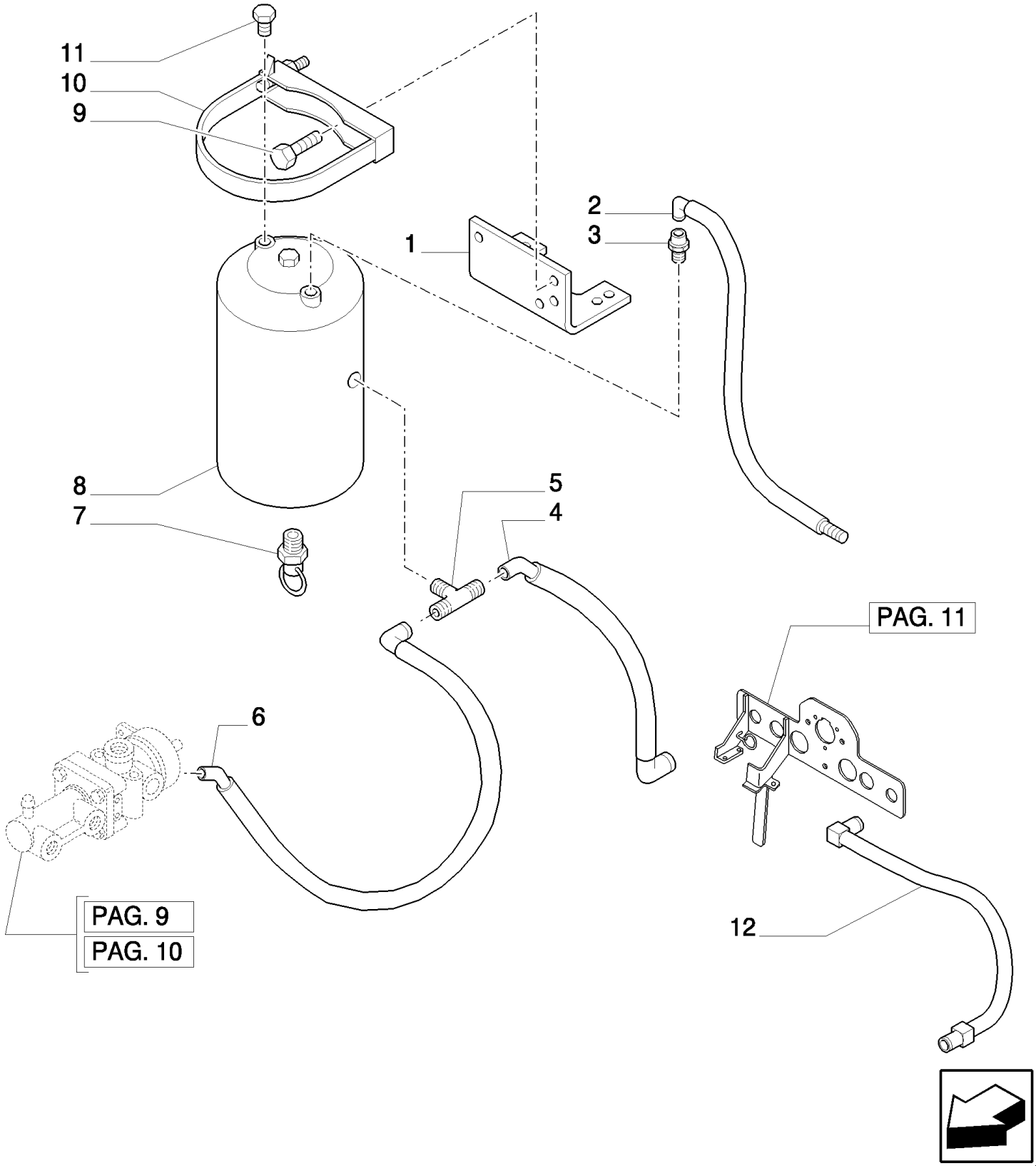
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/02(05) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - PRESSURE ADJUSTMENT VALVE

Ref	Part Number	Qty	Description
1	82018525	1	TUBE, RIGID, TM120, TM130, TM140, TM155
1	82019196	1	TUBE, RIGID, TM175, TM190
2	82017722	1	CONNECTOR, HYD.,
3	82003206	2	ELBOW,
4	10516674	2	WASHER, LOCK,
5	16201624	2	BOLT, Hex, M8 x 75,
6	82001979	1	VALVE,
7	82001015	1	VALVE, CONTROL,
8	82018549	1	BRACKET,
9	14496504	2	WASHER, M8 x 17 x 1.6,
10	16100811	2	NUT, M8, Cl 8,

1.68.6/02(06) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR TANK AND PIPES

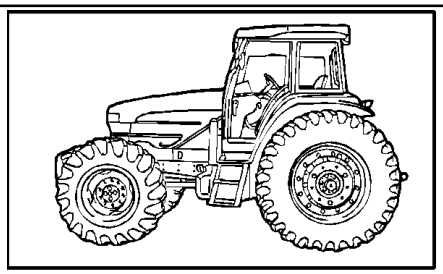


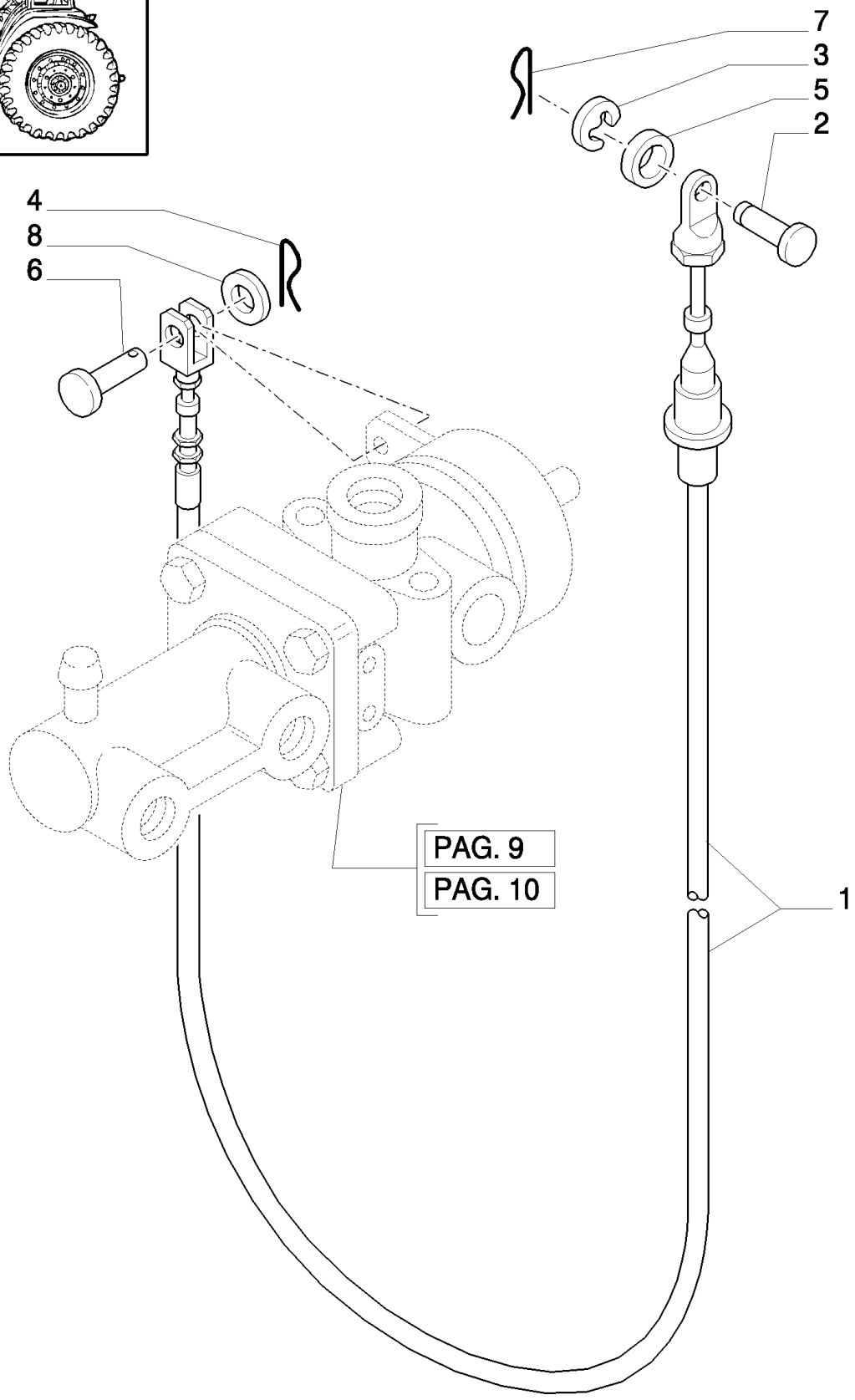


1.68.6/02(06) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR TANK AND PIPES

Ref	Part Number	Qty	Description
1	82011501	1	BRACKET,
2	82018525	1	TUBE, RIGID, TM120, TM130, TM140, TM155
2	82019196	1	TUBE, RIGID, TM175, TM190
3	82017722	1	CONNECTOR, HYD.,
4	82024867	1	HOSE, FLEXIBLE, TM120, TM130, TM140, TM155
4	82023451	1	TUBE, RIGID, TM175, TM190
5	82014912	1	PLUG,
6	82030974	1	TUBE, RIGID, POLYAMIDE TUBE L=MM.950
7	82004266	1	VALVE,
8	82020479	1	RESERVOIR, AIR,
9	10979224	2	BOLT, Hex, M10 x 16, 8.8, Full Thd,
10	82020478	1	BRACKET,
11	82014913	1	PLUG,
12	82019633	1	TUBE, RIGID, TM120, TM130, TM140, TM155
12	82023450	1	TUBE, RIGID, TM175, TM190

1.68.6/02(07) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR BRAKE CABLE



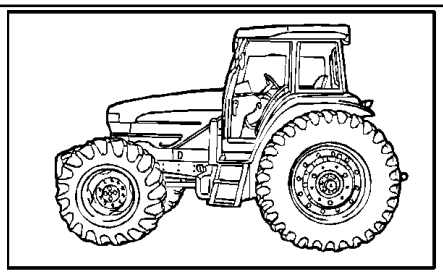


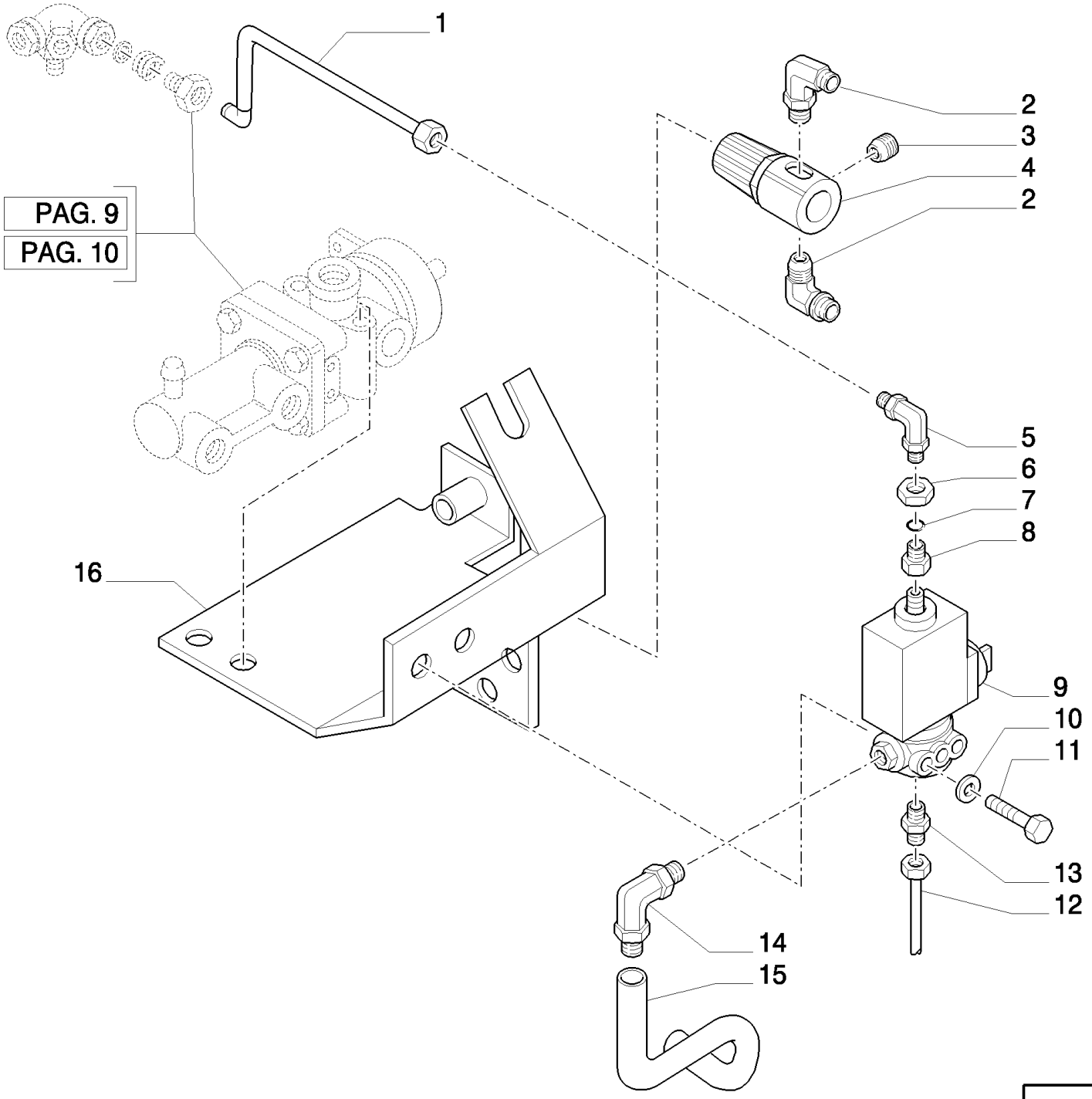
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/02(07) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR BRAKE CABLE

Ref	Part Number	Qty	Description
1	82024868	1	CABLE, TM120, TM130, TM140, TM155
1	82032323	1	CABLE, TM175, TM190
2	82019625	1	PIN,
3	11087374	2	CIRCLIP, M13,
4	10734401	1	PIN, SPLIT (COTTER), M2 x 22,
5	82019659	1	SPACER, 10X19X8,5, TM120, TM130, TM140, TM155
6	10050811	1	PIN,
7	10766901	1	PIN, SPLIT (COTTER), M3.2 x 25,
8	11193874	1	WASHER, SPRING, Belleville, M8.4,

1.68.6/02(08) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - BRACKET AND RELEVANT PARTS - C5339

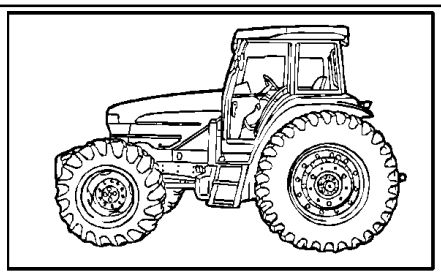


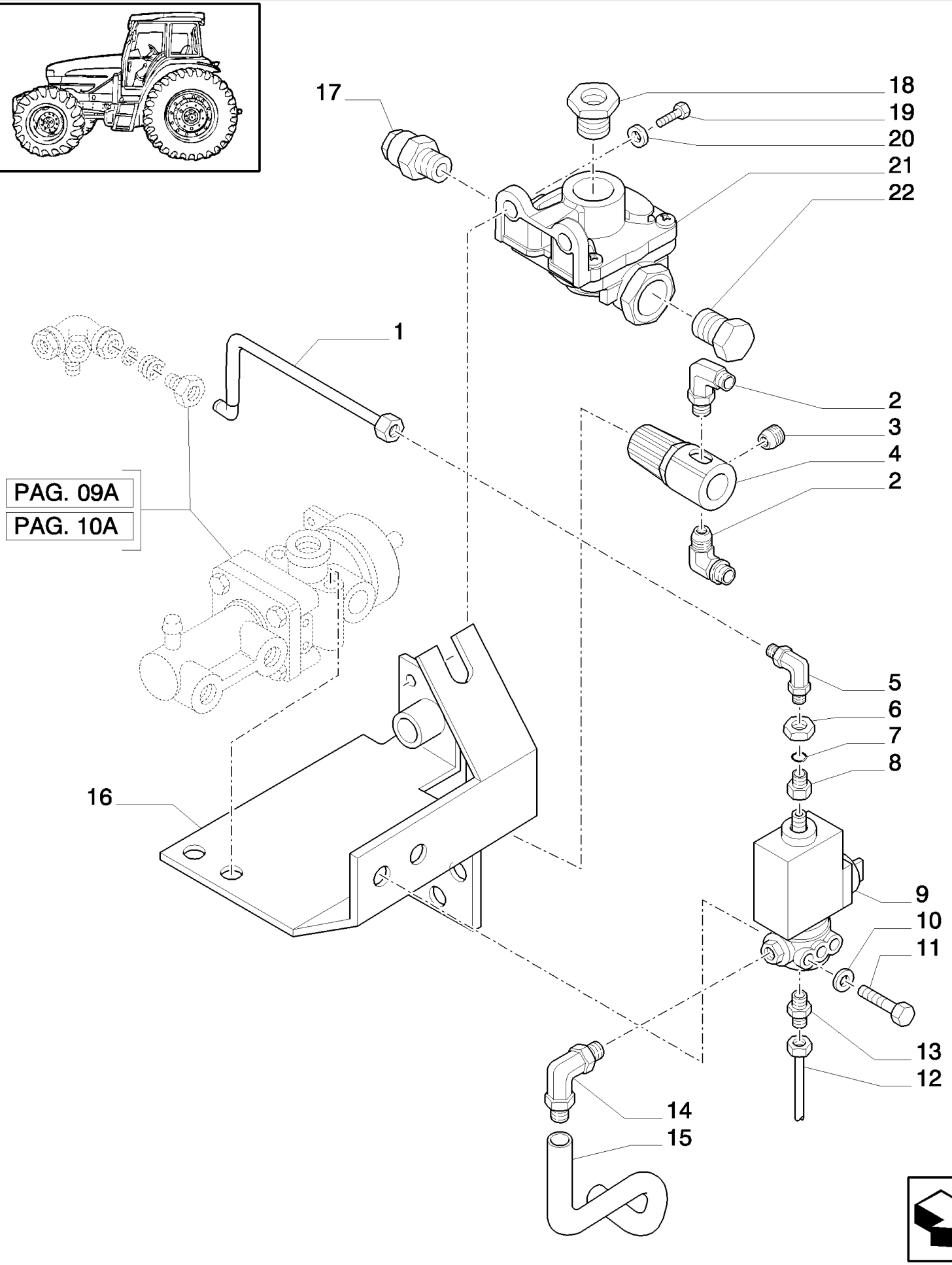


1.68.6/02(08) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - BRACKET AND RELEVANT PARTS - C5339

Ref	Part Number	Qty	Description
1	82019622	1	HOSE, FLEXIBLE,
2	82024156	2	ELBOW,
3	82017203	1	PLUG,
4	82016887	1	VALVE, CONTROL,
5	82019627	1	ELBOW,
6	82019834	1	NUT,
7	82019835	1	GASKET,
8	82019833	1	CONNECTOR, HYD.,
9	82006252	1	VALVE, CONTROL,
10	10516674	2	WASHER, LOCK,
11	16201324	2	BOLT, Hex, M8 x 60,
12	82019793	1	TUBE,
13	82006828	1	CONNECTOR, HYD.,
14	82017199	1	ELBOW,
15	82019624	1	TUBE, RIGID, L=270, TM120, TM130, TM140, TM155
16	82020512	1	BRACKET,

1.68.6/02(08A) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - BRACKET AND RELEVANT PARTS - D5339

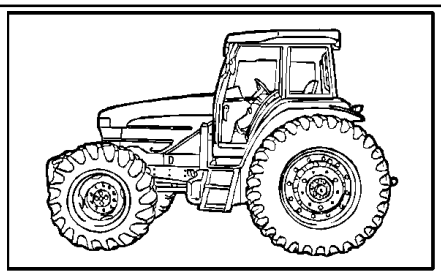


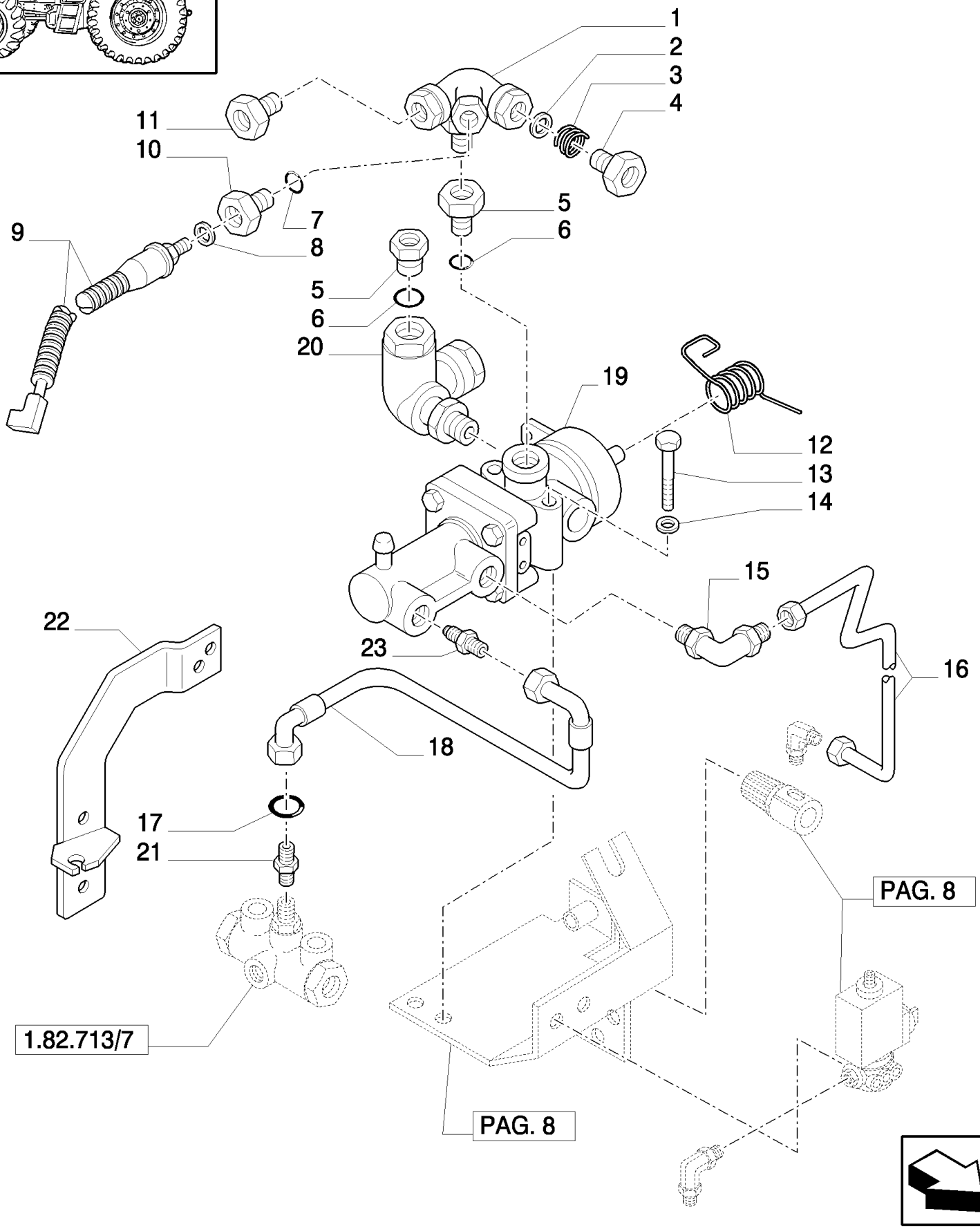


1.68.6/02(08A) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - BRACKET AND RELEVANT PARTS - D5339

Ref	Part Number	Qty	Description
1	82019622	1	HOSE, FLEXIBLE,
2	82024156	2	ELBOW,
3	82017203	1	PLUG,
4	82016887	1	VALVE, CONTROL,
5	82019627	1	ELBOW,
6	82019834	1	NUT,
7	82019835	1	GASKET,
8	82019833	1	CONNECTOR, HYD.,
9	82006252	1	VALVE, CONTROL,
10	10516674	2	WASHER, LOCK,
11	16201324	2	BOLT, Hex, M8 x 60,
12	82019793	1	TUBE,
13	82006828	1	CONNECTOR, HYD.,
14	82017199	1	ELBOW,
15	82019624	1	TUBE, RIGID, L=270, TM120, TM130, TM140, TM155
16	87387687	1	BRACKET,
17	82017722	1	CONNECTOR, HYD.,
18	82036156	1	CONNECTOR, HYD.,
19	16043621	2	BOLT, Hex, M8 x 25, 8.8,
20	14496501	2	WASHER, M8 x 16 x 1.6,
21	82033387	1	TRAILER BRAKE VALVE,
22	82014913	1	PLUG,

1.68.6/02(10) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR BRAKE CONTROL VALVE - C5339



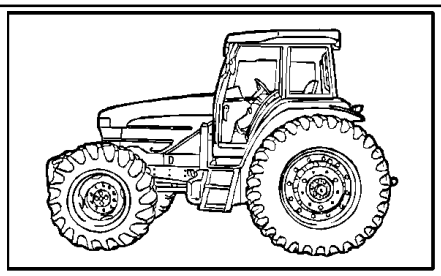


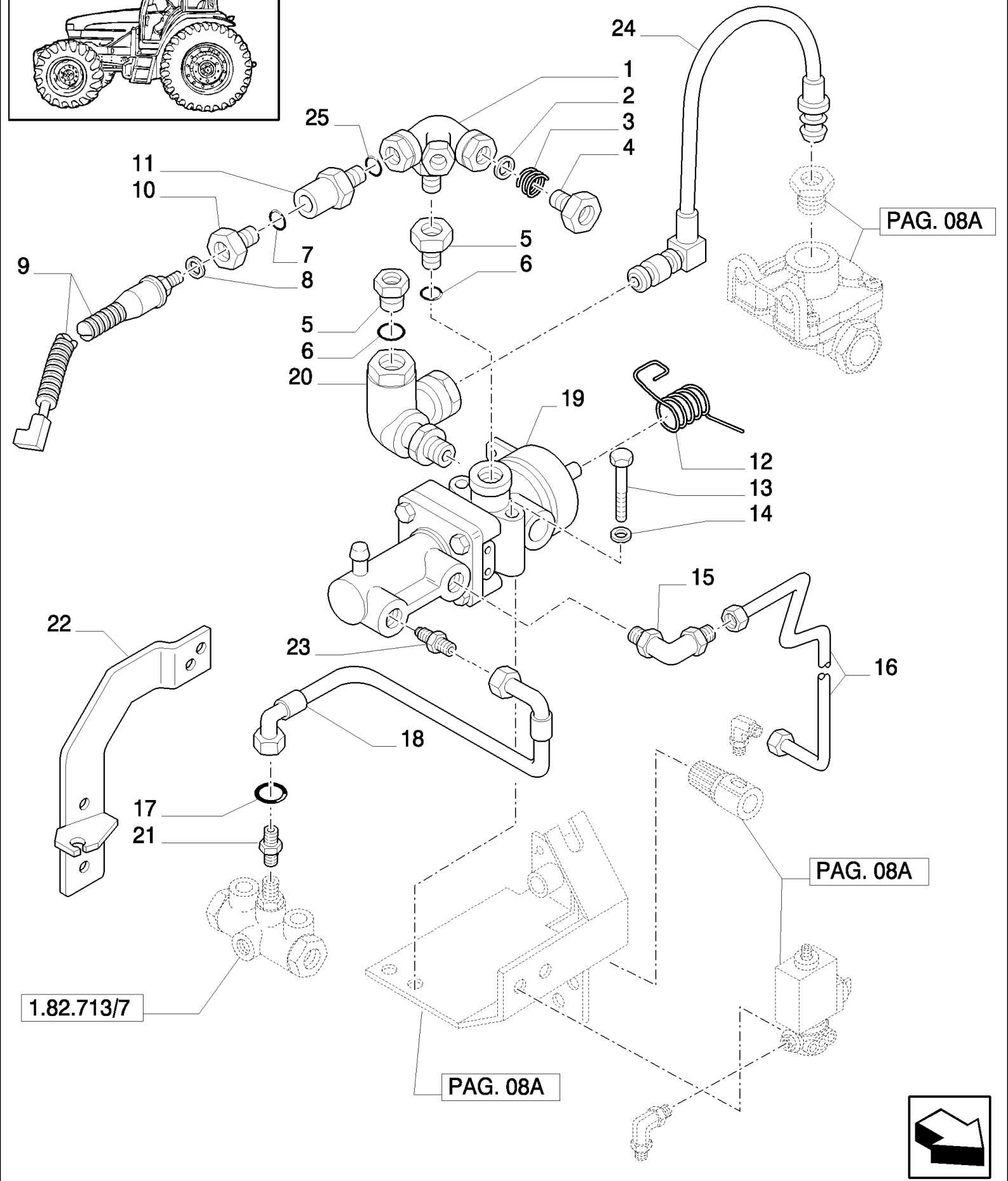
1.68.6/02(10) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR BRAKE CONTROL VALVE - C5339

Ref	Part Number	Qty	Description
1	82019795	1	FITTING,
2	82019802	1	CLIP,
3	82019801	1	GASKET,
4	82019803	1	NUT,
5	82019796	1	NUT,
6	82019797	1	O-RING,
7	82019799	1	O-RING,
8	5169544	1	SEAL,
9	82017517	1	SWITCH, Transducer, Air Brake Pressure
10	82019800	1	CONNECTOR, HYD.,
11	82019798	1	CONNECTOR, HYD.,
12	82019558	1	SPRING,
13	16201324	2	BOLT, Hex, M8 x 60,
14	10516674	2	WASHER, LOCK,
15	82017199	1	ELBOW,
16	82019623	1	TUBE, RIGID,
17	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
18	82023187	1	HOSE, FLEXIBLE,
19	82030571	1	VALVE, HYDRAULIC,
20	82023180	1	FITTING,
21	5155506	1	CONNECTOR, HYD.,
22	82031392	1	BRACKET,
23	82022287	1	FITTING,

C5339 Serial N.ACM268362

1.68.6/02(10A) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR BRAKE CONTROL VALVE - D5339



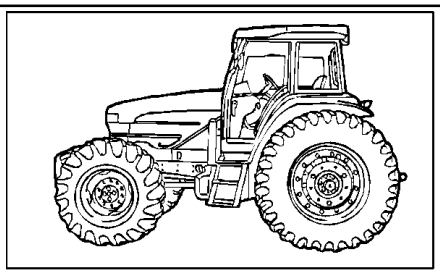


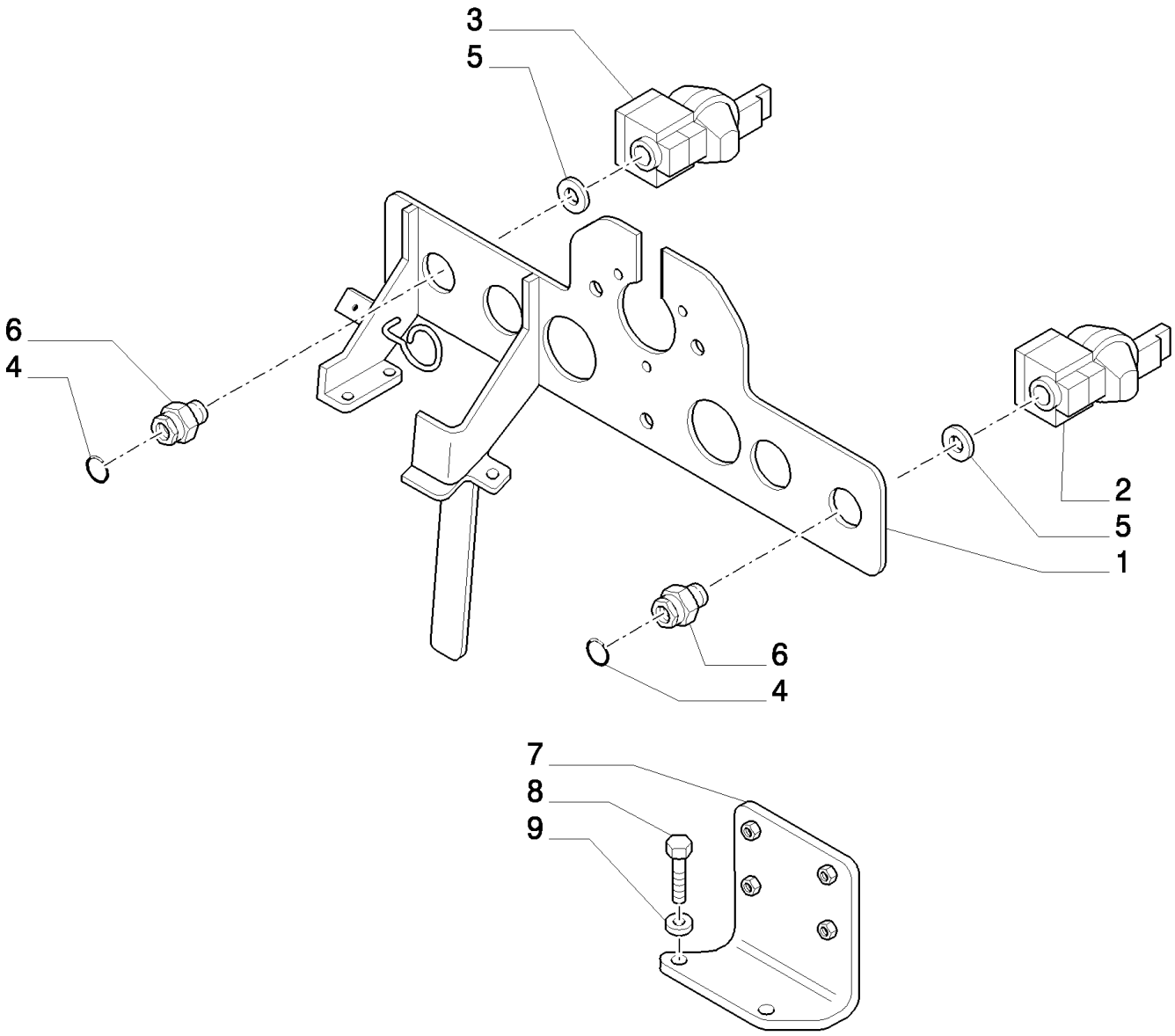
1.68.6/02(10A) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR BRAKE CONTROL VALVE - D5339

Ref	Part Number	Qty	Description
1	82019795	1	FITTING,
2	82019802	1	CLIP,
3	82019801	1	GASKET,
4	82019803	1	NUT,
5	82019796	2	NUT,
6	82019797	2	O-RING,
7	82019799	1	O-RING,
8	5169544	1	SEAL,
9	82017517	1	SWITCH, Transducer, Air Brake Pressure
10	82019800	1	CONNECTOR, HYD.,
11	87392490	1	ADAPTER,
12	82019558	1	SPRING,
13	16201324	2	BOLT, Hex, M8 x 60,
14	10516674	2	WASHER, LOCK,
15	82017199	1	ELBOW,
16	82019623	1	TUBE, RIGID,
17	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
18	82023187	1	HOSE, FLEXIBLE,
19	82030571	1	VALVE, HYDRAULIC,
20	82023180	1	FITTING,
21	5155506	1	CONNECTOR, HYD.,
22	82031392	1	BRACKET,
23	82022287	1	FITTING,
24	87389131	1	TUBE,
25	87392491	1	O-RING,

D5339 Serial N.ACM268363

1.68.6/02(11) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR BRAKE BRACKET AND RELEVANT PARTS

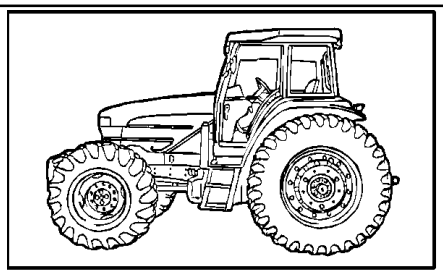


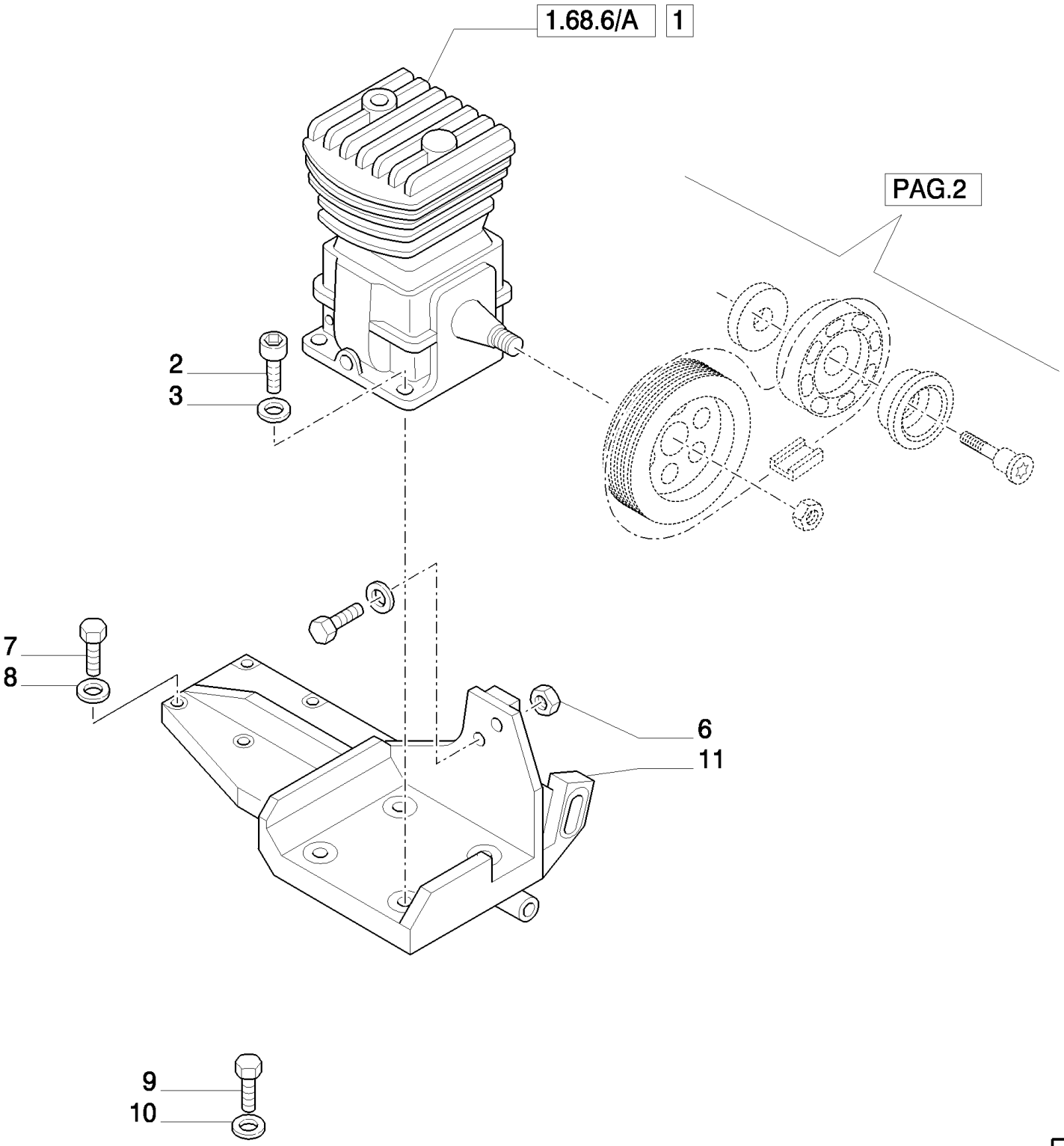


1.68.6/02(11) (VAR.385/1) UNIVERSAL TRAILER AIR BRAKE - AIR BRAKE BRACKET AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	87308079	1	BRACKET,
2	82001020	1	COUPLING, YELLOW
3	82001019	1	COUPLING, RED
4	82006329	2	GASKET,
5	82006327	2	WASHER, LOCK, M16
6	82006298	2	CONNECTOR, HYD., M16
7	82030536	1	BRACKET,
8	10902424	2	BOLT, Hex, M6 x 20, 8.8, Full Thd,
9	14496404	1	WASHER, LOCK, 6X12,5

1.68.6/03(01) (VAR.385/2) TRAILER AIR BRAKE ITALY - BRACKET FOR AIR COMPRESSOR



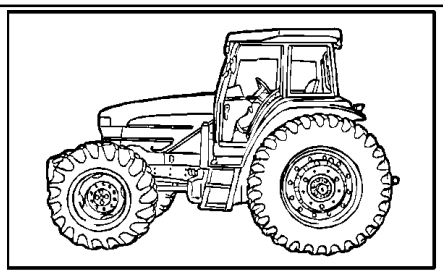


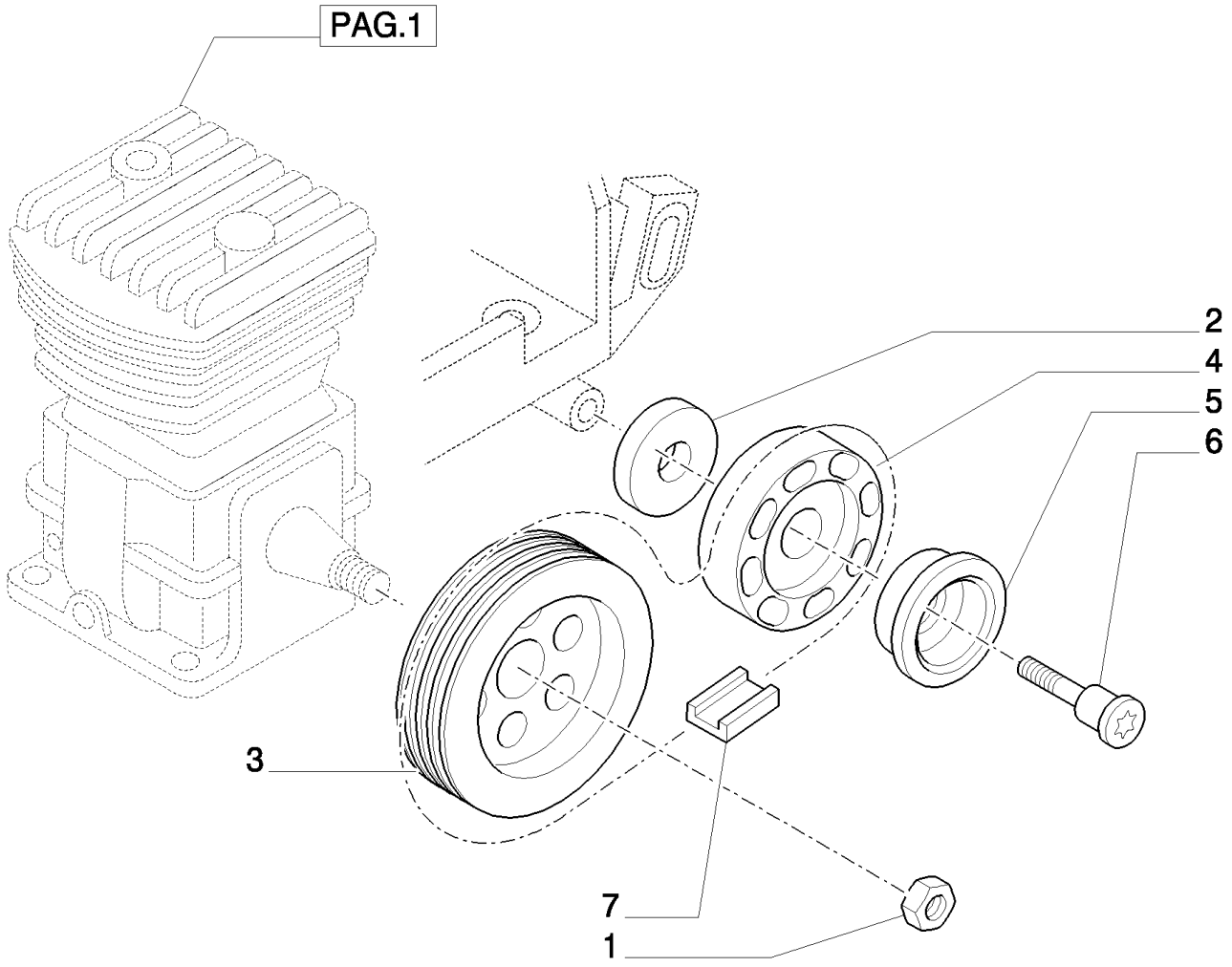
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/03(01) (VAR.385/2) TRAILER AIR BRAKE ITALY - BRACKET FOR AIR COMPRESSOR

Ref	Part Number	Qty	Description
1	82003029	1	COMPRESSOR, AIR, ASSY
2	14306624	4	SCREW, Hex Soc Hd, M8 x 35, 10.9,
3	80681	4	WASHER, LOCK, 5/16",
4	16204724	2	BOLT, Hex, M10 x 45,
5	12605671	2	WASHER, LOCK, Int Tooth, M10,
6	12164714	2	NUT, M10 x 1.25, Cl 8,
7	15213321	4	BOLT, Hex, M8 x 35, 8.8,
8	14496504	4	WASHER, M8 x 17 x 1.6,
9	81865025	1	BOLT, M10X1.5 X65
9	70929014	1	SCREW, Cap, HH, G8, 7/16"-14 x 3-1/2"
10	100016	1	NUT, M10, Cl 8,
10	87363	1	WASHER, 7/16", SAE,
11	82024883	1	BRACKET,

1.68.6/03(02) (VAR.385/2) TRAILER AIR BRAKE ITALY - TRANSMISSION BRAKE PULLEY



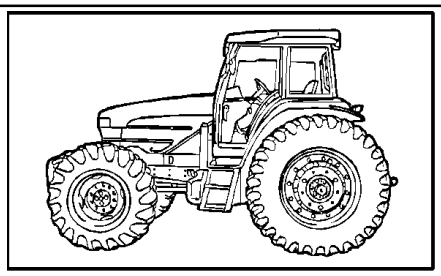


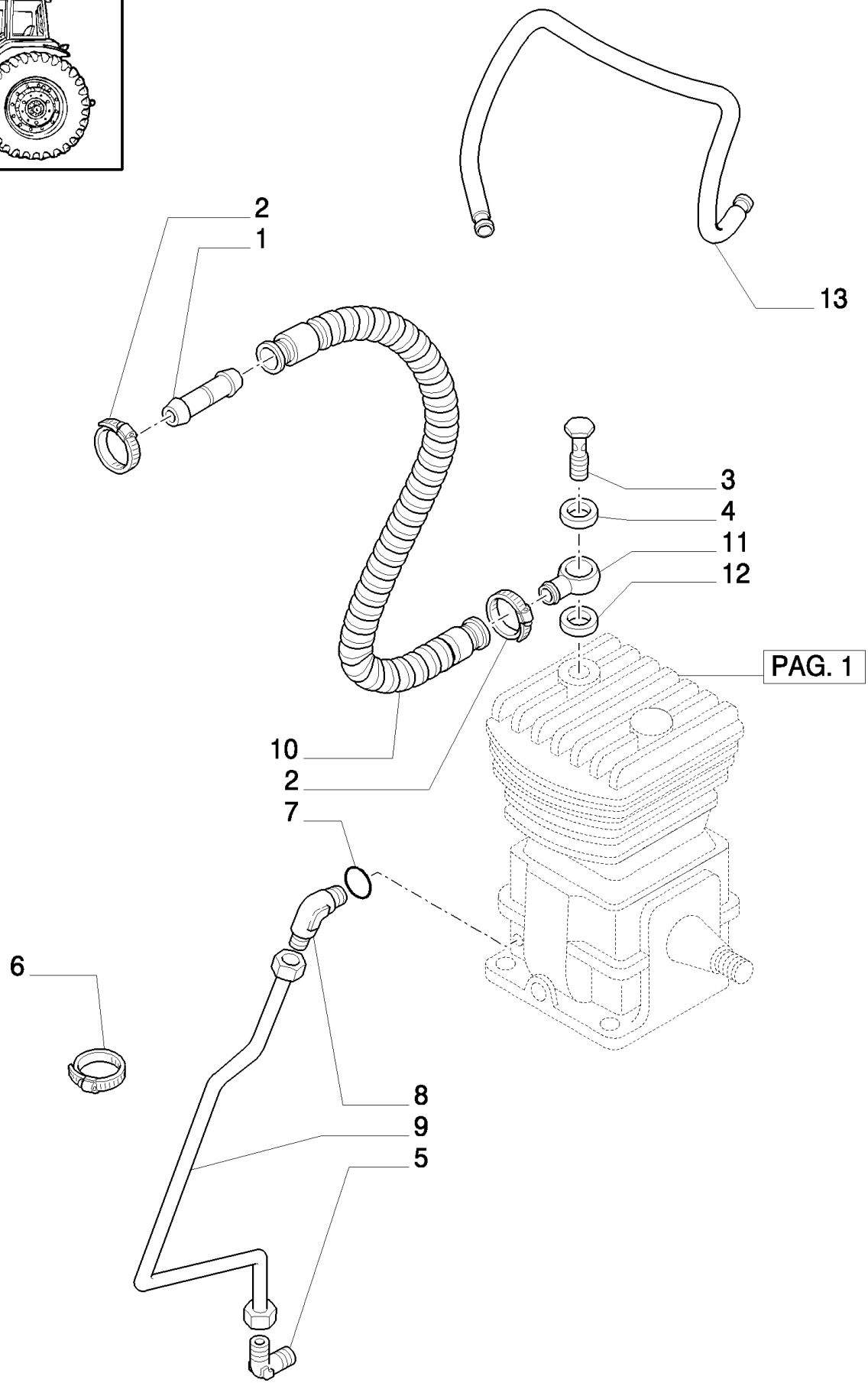
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/03(02) (VAR.385/2) TRAILER AIR BRAKE ITALY - TRANSMISSION BRAKE PULLEY

Ref	Part Number	Qty	Description
1	14088711	1	NUT, M12X1,25
2	82024061	1	SPACER,
3	82020926	1	PULLEY,
4	82024062	1	PULLEY, DRIVEN,
5	87840420	1	COVER,
6	82024060	1	SCREW, M12X1,25X60
7	82021010	1	BELT,

1.68.6/03(03) (VAR.385/2) TRAILER AIR BRAKE ITALY - PIPES - C5419





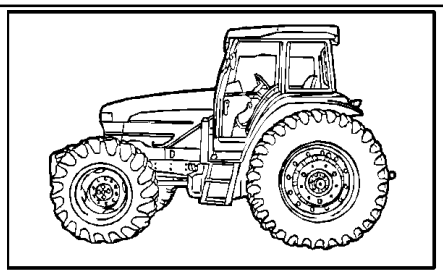
TM190 TRACTOR (6/02-) - Rear Axle

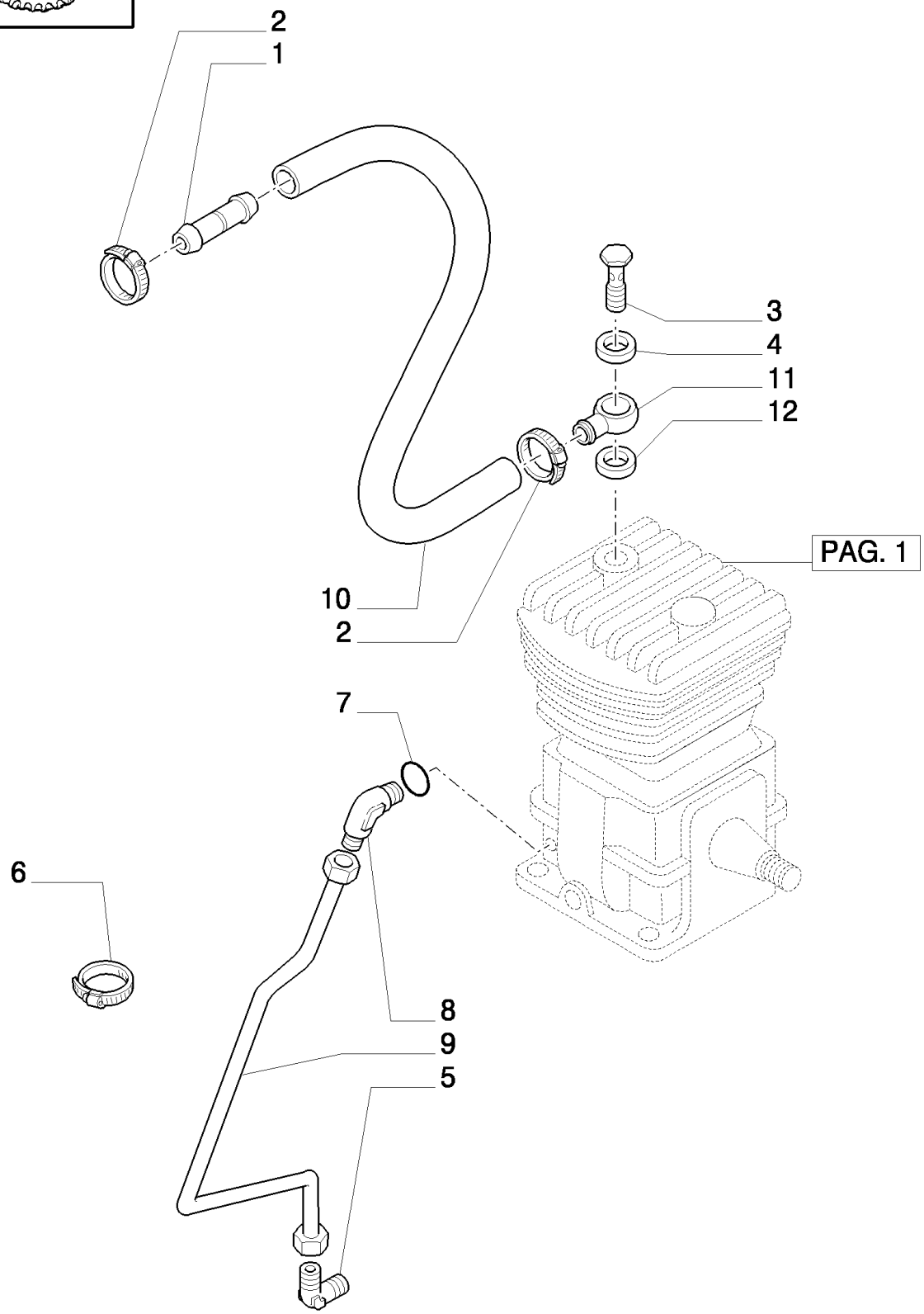
1.68.6/03(03) (VAR.385/2) TRAILER AIR BRAKE ITALY - PIPES - C5419

Ref	Part Number	Qty	Description
1	82019397	1	FITTING,
2	82036709	3	CLAMP, HOSE,
3	82031550	1	BOLT, BANJO, M26 x 1.5
4	82031552	1	WASHER, COPPER, M26
5	86512947	1	ELBOW, 90є, 7/16"-20, 37є x 1/8"-27, NPTF,
6	80263117	2	STRAP, SECURING, 3/32" x 11-1/2" L
7	14437585	1	O-RING, 8MM ID x 1.5 Thk,
8	82002502	1	ELBOW,
9	82020927	1	TUBE, RIGID, , BSN ACM262152
9	87349039	1	TUBE, RIGID, , ASN ACM262153
10	82033110	1	HOSE, FLEXIBLE, L=MM.1000, -C5221
11	82031551	1	FITTING, M26X1,5
12	82032018	1	SPACER, M26
13	87346075	1	, D5221-

D5221 After Date 01 August 2005□□D5333 Serial N.ACM262153□□C5419 Serial N. ACM275356

1.68.6/03(03A) (VAR.385/2) TRAILER AIR BRAKE ITALY - PIPES - D5419





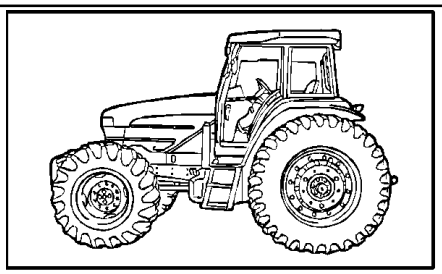
TM190 TRACTOR (6/02-) - Rear Axle

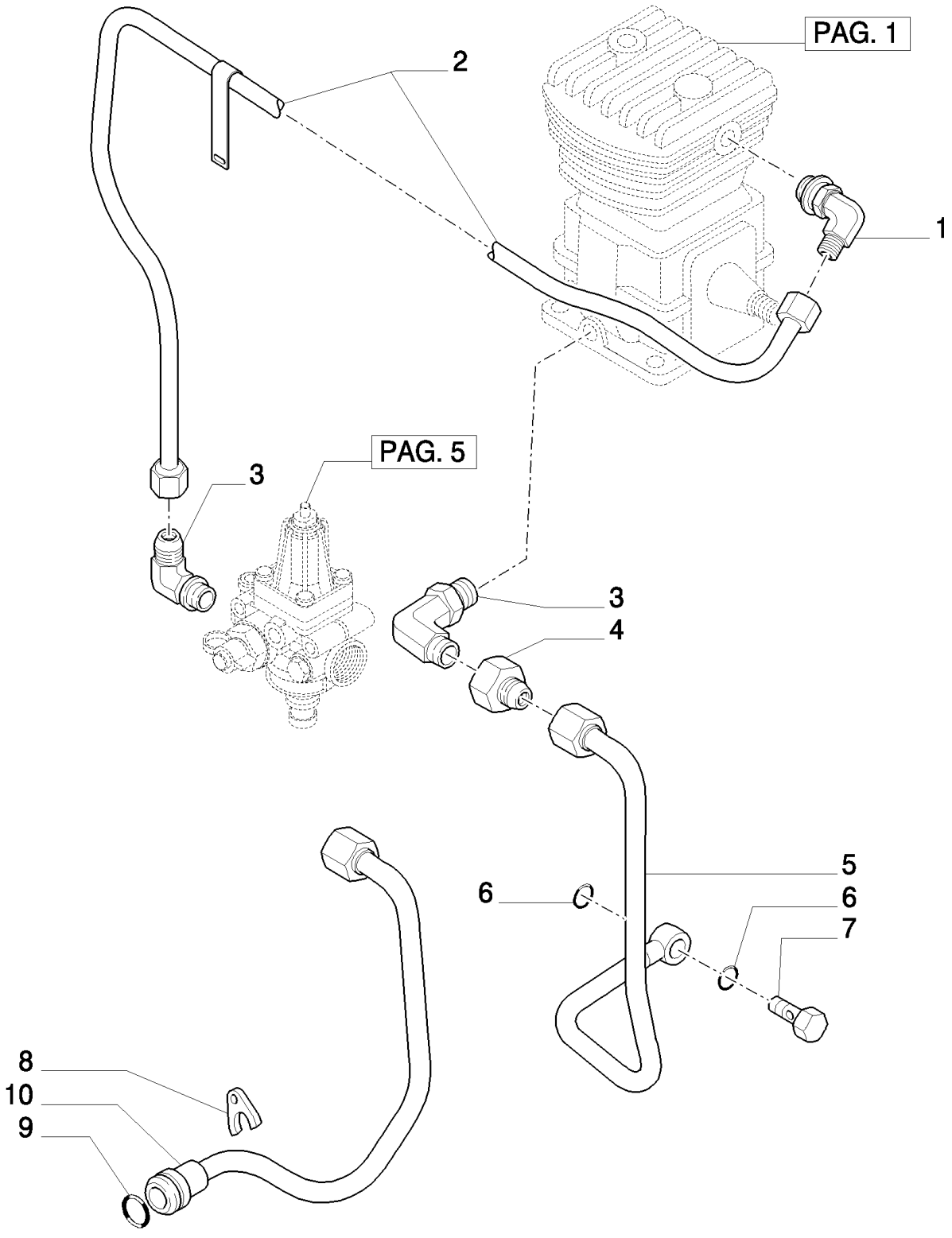
1.68.6/03(03A) (VAR.385/2) TRAILER AIR BRAKE ITALY - PIPES - D5419

Ref	Part Number	Qty	Description
1	82019397	1	FITTING,
2	82036709	3	CLAMP, HOSE,
3	82031550	1	BOLT, BANJO, M26 x 1.5
4	82031552	1	WASHER, COPPER, M26
5	86512947	1	ELBOW, 90є, 7/16"-20, 37є x 1/8"-27, NPTF,
6	80263117	2	STRAP, SECURING, 3/32" x 11-1/2" L
7	14437585	1	O-RING, 8MM ID x 1.5 Thk,
8	82002502	1	ELBOW,
9	87349039	1	TUBE, RIGID,
10	87392969	1	HOSE, FLEXIBLE, L=MM.1000
11	82031551	1	FITTING, M26X1,5
12	82032018	1	SPACER, M26

D5221 After Date 01 August 2005□□D5333 Serial N.ACM262153□□D5419 Serial N. ACM275357

1.68.6/03(04) (VAR.385/2) TRAILER AIR BRAKE ITALY - PIPES





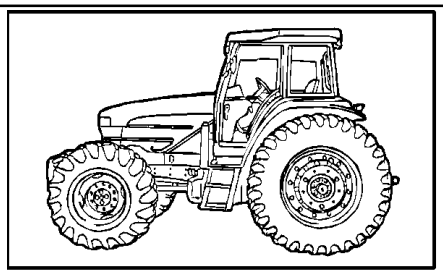
TM190 TRACTOR (6/02-) - Rear Axle

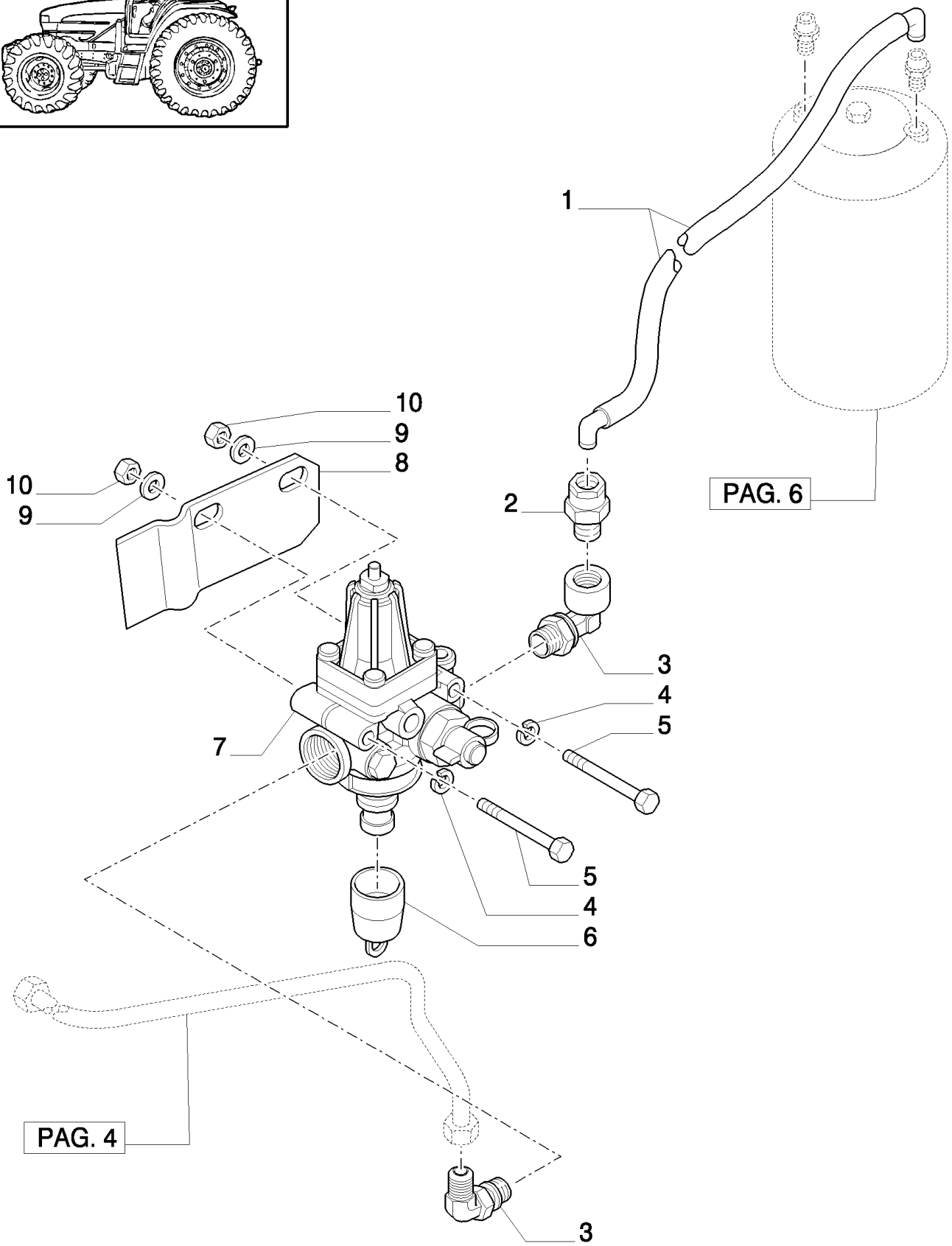
1.68.6/03(04) (VAR.385/2) TRAILER AIR BRAKE ITALY - PIPES

Ref	Part Number	Qty	Description
1	82003205	1	CONNECTOR, HYD.,
2	82020929	1	TUBE, RIGID, , BSN 217254
2	82033310	1	TUBE, RIGID, , ASN 217255
3	82003206	2	ELBOW,
4	82006545	1	ADAPTER, , BSN ACM262152
5	82020928	1	TUBE, RIGID, , BSN ACM262152
6	4858609	2	O-RING, , BSN ACM262152
7	10184417	1	BOLT, BANJO, M16 x 1.5 x 31, , BSN ACM262152
8	2853564	1	BRACKET, , ASN ACM262153
9	14457580	1	O-RING, -117, 70 Duro, .799" ID x .103" Thk, , ASN ACM262153
10	87347563	1	, ACM262153-C5334
10	87398436	1	PIPE, , D5334-

D4855 Serial N.217255□D5333 Serial N.ACM262153□D5334 After Date 20 February 2006

1.68.6/03(05) (VAR.385/2) TRAILER AIR BRAKE ITALY - PRESSURE ADJUSTMENT VALVE



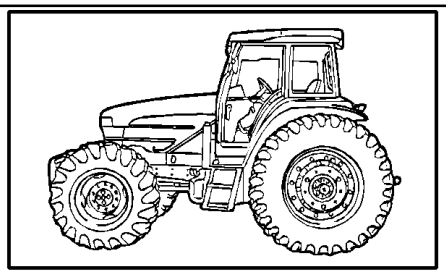


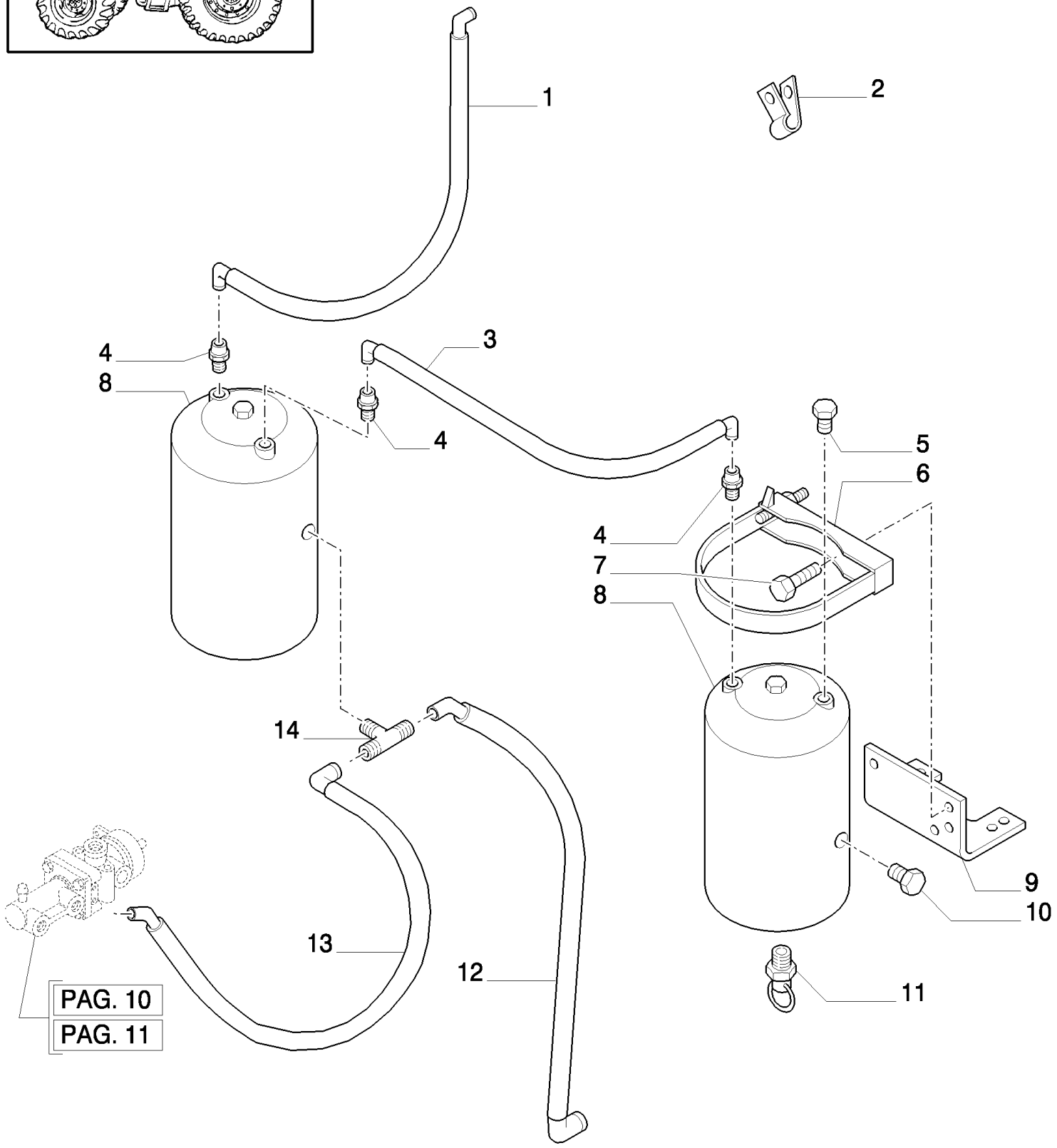
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/03(05) (VAR.385/2) TRAILER AIR BRAKE ITALY - PRESSURE ADJUSTMENT VALVE

Ref	Part Number	Qty	Description
1	82018525	1	TUBE, RIGID, TM120, TM130, TM140, TM155
1	82019196	1	TUBE, RIGID, TM175, TM190
2	82017722	1	CONNECTOR, HYD.,
3	82003206	2	ELBOW,
4	10516674	2	WASHER, LOCK,
5	16201624	2	BOLT, Hex, M8 x 75,
6	82001979	1	VALVE,
7	82019906	1	VALVE, CONTROL,
8	82018549	1	BRACKET,
9	14496504	2	WASHER, M8 x 17 x 1.6,
10	16100811	2	NUT, M8, Cl 8,

1.68.6/03(06) (VAR.385/2) TRAILER AIR BRAKE ITALY - AIR TANK AND PIPES





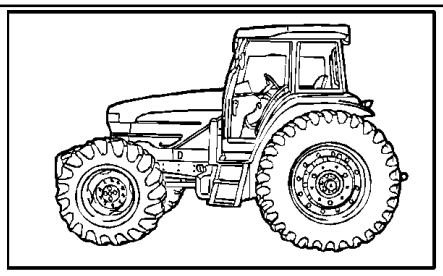
TM190 TRACTOR (6/02-) - Rear Axle

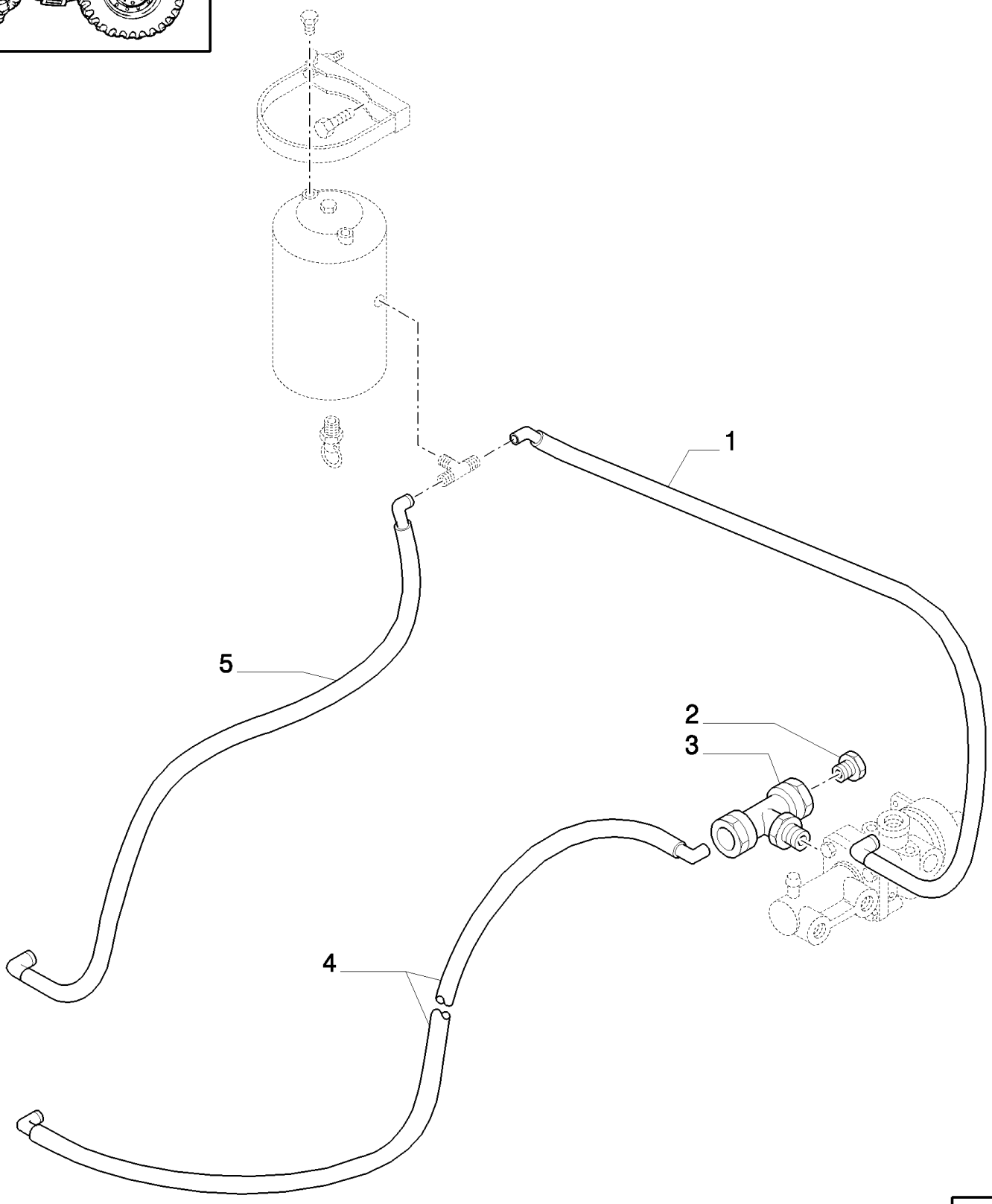
1.68.6/03(06) (VAR.385/2) TRAILER AIR BRAKE ITALY - AIR TANK AND PIPES

Ref	Part Number	Qty	Description
1	82018525	1	TUBE, RIGID, TM120, TM130, TM140, TM155
1	82019196	1	TUBE, RIGID, TM175, TM190
2	10450690	1	CLAMP,
3	82006834	1	TUBE, , -C5213
3	87356630	1	TUBE, , D5213-
4	82017722	3	CONNECTOR, HYD.,
5	82014913	1	PLUG,
6	82020478	1	BRACKET,
7	10979224	4	BOLT, Hex, M10 x 16, 8.8, Full Thd,
8	82020479	2	RESERVOIR, AIR,
9	82011501	2	BRACKET,
10	82014913	1	PLUG,
11	82004266	2	VALVE,
12	82024867	1	HOSE, FLEXIBLE, L=MM.1390 RED, TM120, TM130, TM140, TM155
12	82029878	1	TUBE, RIGID, L=MM.1700 RED, TM175, TM190
13	82030974	1	TUBE, RIGID, POLYAMIDE TUBE L=MM.950
14	82014912	1	PLUG,

D5213 After Date 07 Jannuary 2005

1.68.6/03(07) (VAR.385/2) TRAILER AIR BRAKE ITALY - PIPES



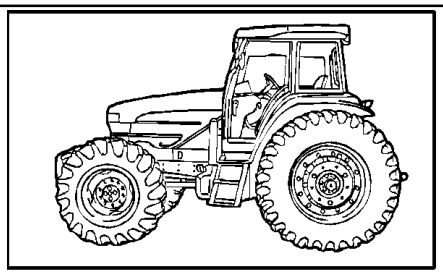


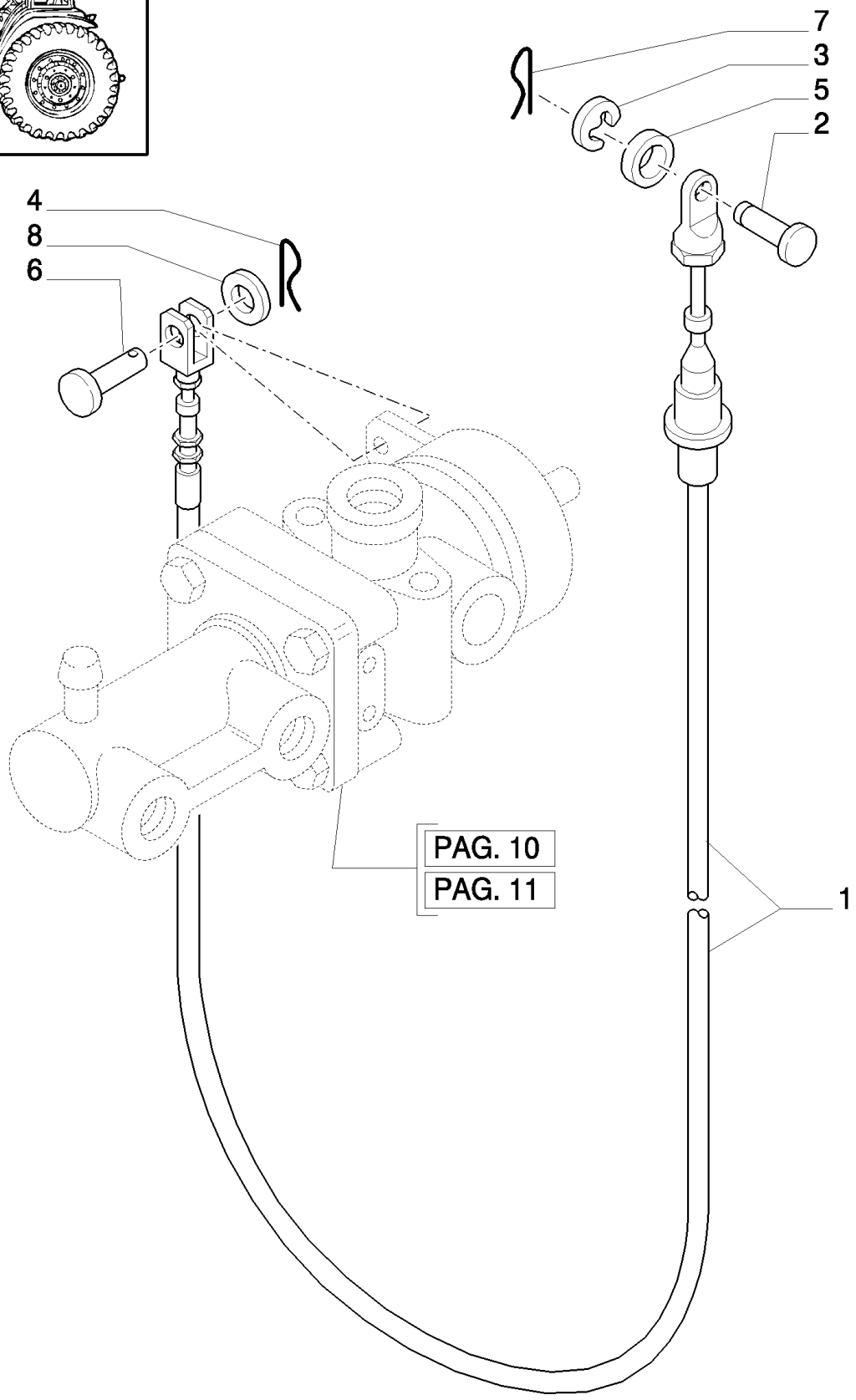
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/03(07) (VAR.385/2) TRAILER AIR BRAKE ITALY - PIPES

Ref	Part Number	Qty	Description
1	82030974	1	TUBE, RIGID,
2	82018554	1	BRACKET,
3	82006829	1	CONNECTOR, HYD.,
4	82024097	1	TUBE, RIGID, L=1010, YELLOW, TM120, TM130, TM140, TM155
4	82029877	1	TUBE, L=1000, YELLOW, TM175, TM190
5	82024867	1	HOSE, FLEXIBLE, L=1390, RED, TM120, TM130, TM140, TM155
5	82029878	1	TUBE, RIGID, L=1700, RED, TM175, TM190

1.68.6/03(08) (VAR.385/2) TRAILER AIR BRAKE ITALY - AIR BRAKE CABLE



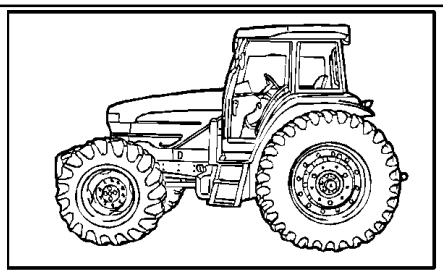


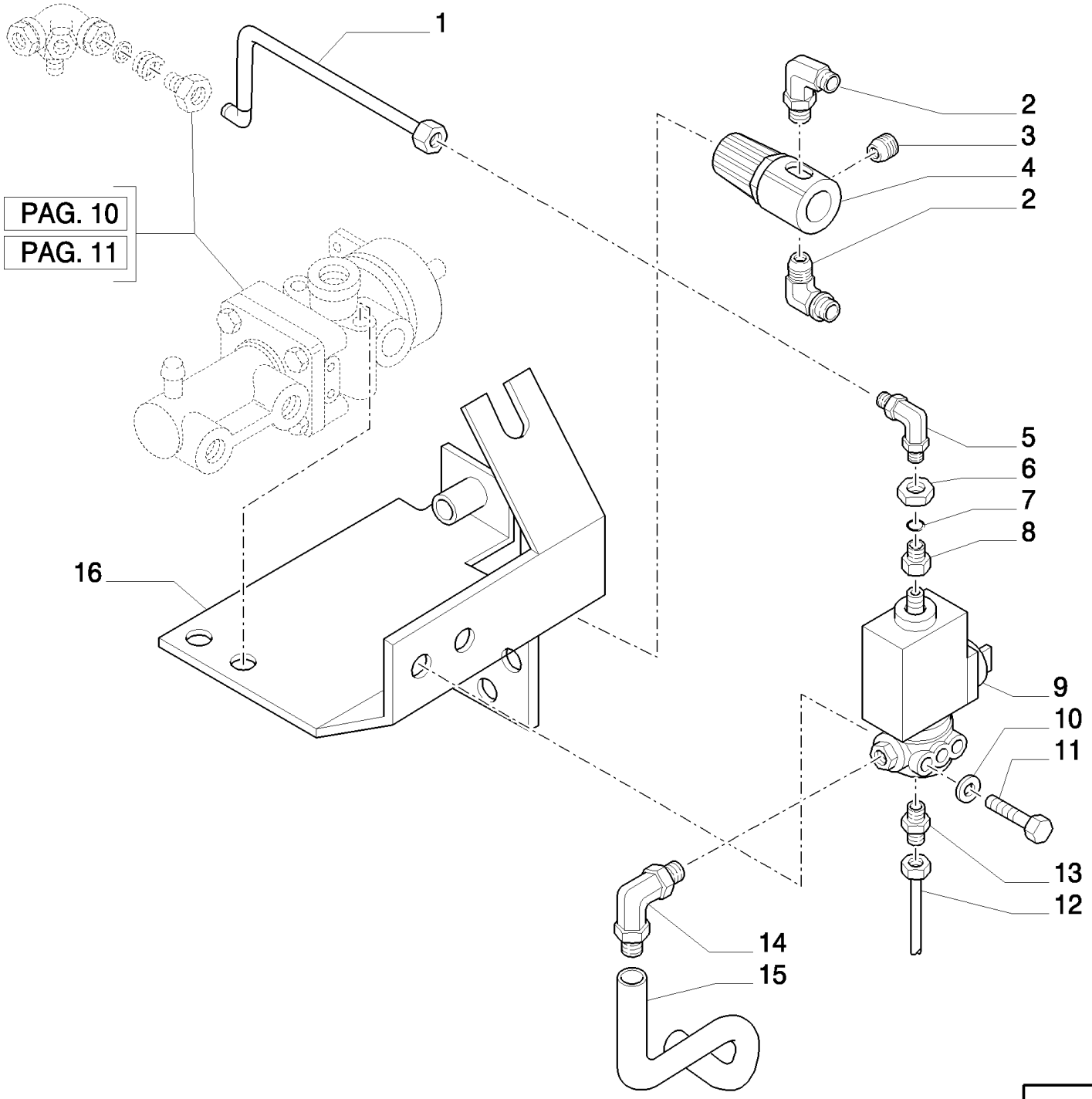
TM190 TRACTOR (6/02-) - Rear Axle

1.68.6/03(08) (VAR.385/2) TRAILER AIR BRAKE ITALY - AIR BRAKE CABLE

Ref	Part Number	Qty	Description
1	82024868	1	CABLE, TM120, TM130, TM140, TM155
1	82032323	1	CABLE, TM175, TM190
2	82019625	1	PIN,
3	11087374	2	CIRCLIP, M13,
4	10734401	1	PIN, SPLIT (COTTER), M2 x 22,
5	82019659	1	SPACER, 10X19X8,5, TM120, TM130, TM140, TM155
6	10050811	1	PIN,
7	10766901	1	PIN, SPLIT (COTTER), M3.2 x 25,
8	11193874	1	WASHER, SPRING, Belleville, M8.4,

1.68.6/03(09) (VAR.385/2) TRAILER AIR BRAKE ITALY - BRACKET AND RELEVANT PARTS - C5339

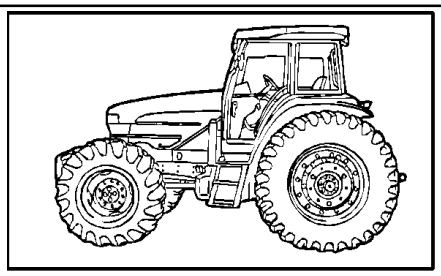


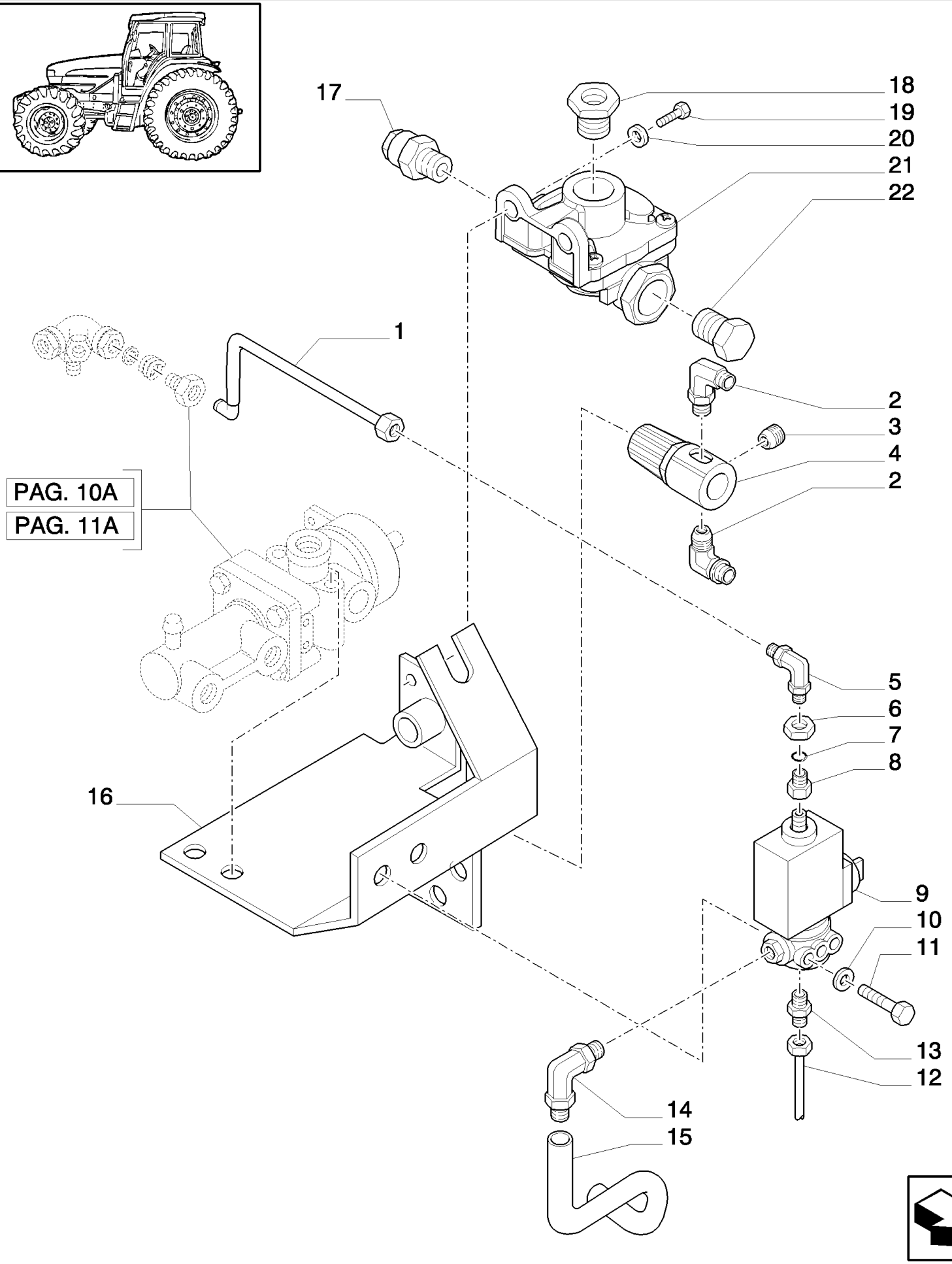


1.68.6/03(09) (VAR.385/2) TRAILER AIR BRAKE ITALY - BRACKET AND RELEVANT PARTS - C5339

Ref	Part Number	Qty	Description
1	82019622	1	HOSE, FLEXIBLE,
2	82024156	2	ELBOW,
3	82017203	1	PLUG,
4	82016887	1	VALVE, CONTROL,
5	82019627	1	ELBOW,
6	82019834	1	NUT,
7	82019835	1	GASKET,
8	82019833	1	CONNECTOR, HYD.,
9	82006252	1	VALVE, CONTROL,
10	10516674	2	WASHER, LOCK,
11	16201324	2	BOLT, Hex, M8 x 60,
12	82019793	1	TUBE,
13	82006828	1	CONNECTOR, HYD.,
14	82017199	1	ELBOW,
15	82019624	1	TUBE, RIGID, L=270, TM120, TM130, TM140, TM155
16	82020512	1	BRACKET,

1.68.6/03(09A) (VAR.385/2) TRAILER AIR BRAKE ITALY - BRACKET AND RELEVANT PARTS - D5339

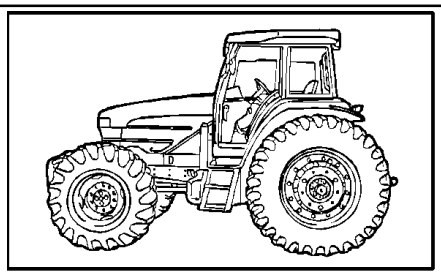


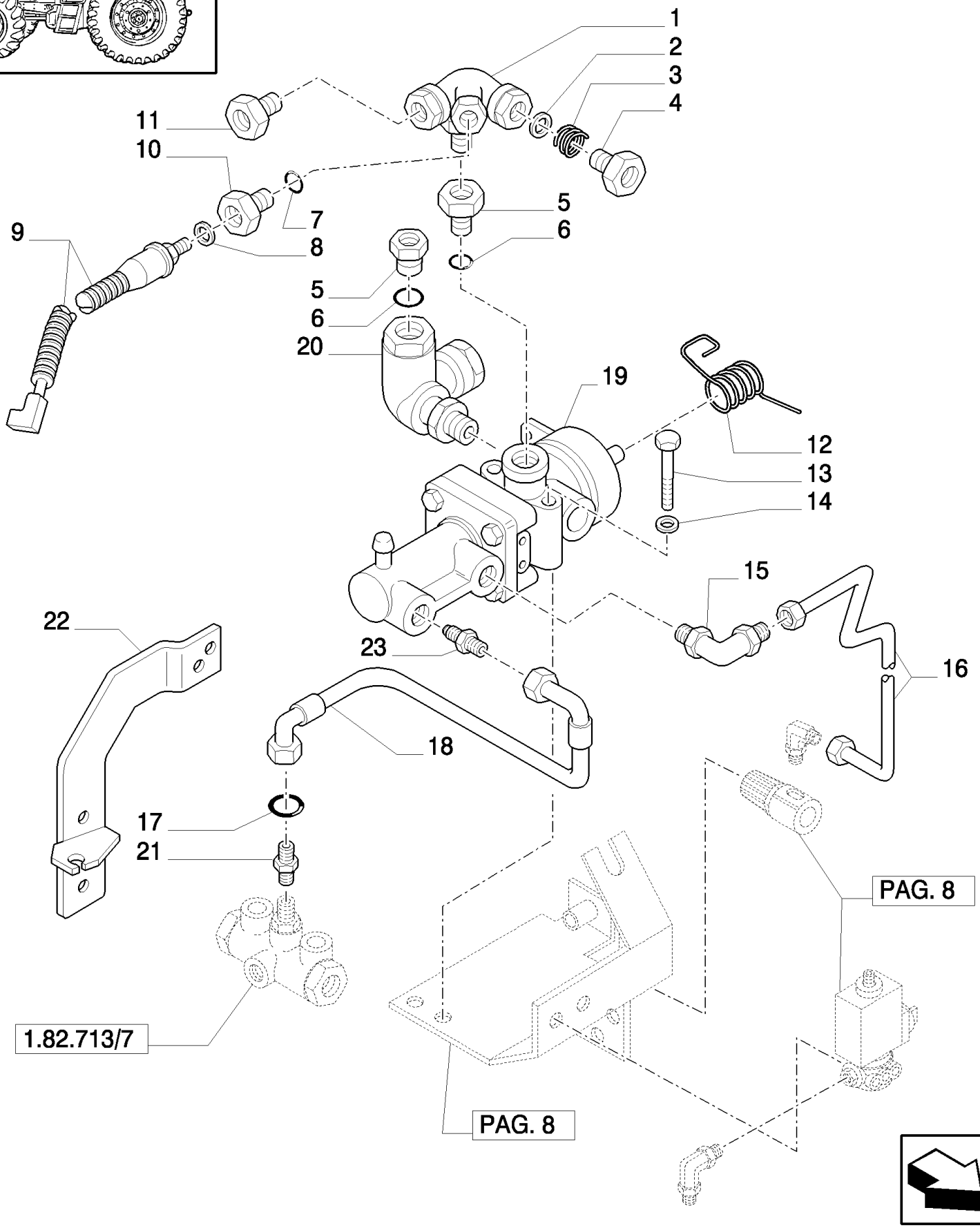


1.68.6/03(09A) (VAR.385/2) TRAILER AIR BRAKE ITALY - BRACKET AND RELEVANT PARTS - D5339

Ref	Part Number	Qty	Description
1	82019622	1	HOSE, FLEXIBLE,
2	82024156	2	ELBOW,
3	82017203	1	PLUG,
4	82016887	1	VALVE, CONTROL,
5	82019627	1	ELBOW,
6	82019834	1	NUT,
7	82019835	1	GASKET,
8	82019833	1	CONNECTOR, HYD.,
9	82006252	1	VALVE, CONTROL,
10	10516674	2	WASHER, LOCK,
11	16201324	2	BOLT, Hex, M8 x 60,
12	82019793	1	TUBE,
13	82006828	1	CONNECTOR, HYD.,
14	82017199	1	ELBOW,
15	82019624	1	TUBE, RIGID, L=270, TM120, TM130, TM140, TM155
16	87387687	1	BRACKET,
17	82017722	1	CONNECTOR, HYD.,
18	82036156	1	CONNECTOR, HYD.,
19	16043621	2	BOLT, Hex, M8 x 25, 8.8,
20	14496501	2	WASHER, M8 x 16 x 1.6,
21	82033387	1	TRAILER BRAKE VALVE,
22	82014913	1	PLUG,

1.68.6/03(11) (VAR.385/2) TRAILER AIR BRAKE ITALY - AIR BRAKE CONTROL VALVE - C5339



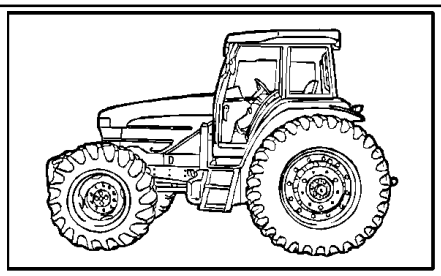


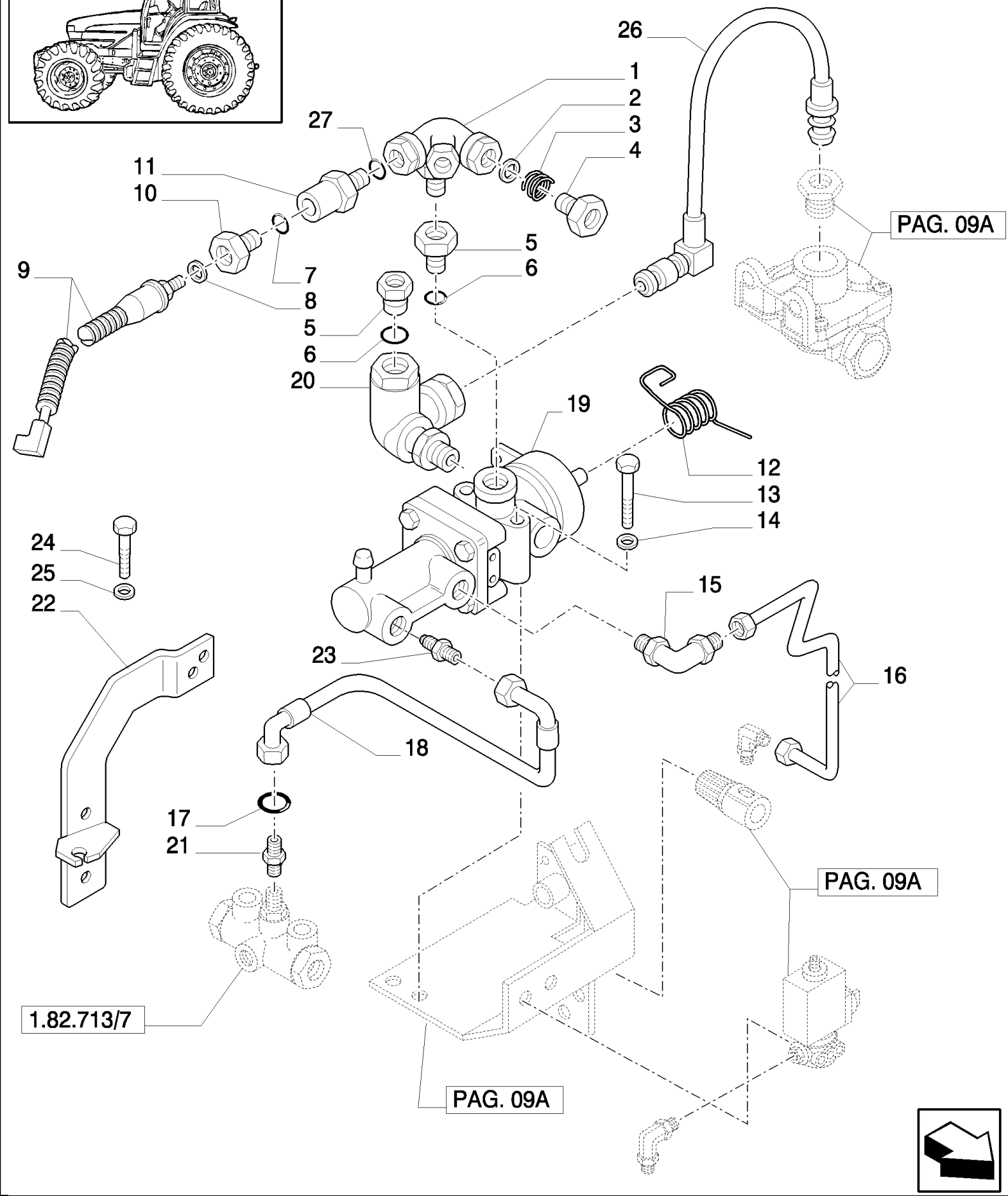
1.68.6/03(11) (VAR.385/2) TRAILER AIR BRAKE ITALY - AIR BRAKE CONTROL VALVE - C5339

Ref	Part Number	Qty	Description
1	82019795	1	FITTING,
2	82019802	1	CLIP,
3	82019801	1	GASKET,
4	82019803	1	NUT,
5	82019796	1	NUT,
6	82019797	1	O-RING,
7	82019799	1	O-RING,
8	5169544	1	SEAL,
9	82017517	1	SWITCH, Transducer, Air Brake Pressure
10	82019800	1	CONNECTOR, HYD.,
11	82019798	1	CONNECTOR, HYD.,
12	82019558	1	SPRING,
13	16201324	2	BOLT, Hex, M8 x 60,
14	10516674	2	WASHER, LOCK,
15	82017199	1	ELBOW,
16	82019623	1	TUBE, RIGID,
17	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
18	82023187	1	HOSE, FLEXIBLE,
19	82030571	1	VALVE, HYDRAULIC,
20	82023180	1	FITTING,
21	5155506	1	CONNECTOR, HYD.,
22	82031392	1	BRACKET,
23	82022287	1	FITTING,
24	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
25	10516674	2	WASHER, LOCK, D=8

C5339 Serial N.ACM268362

1.68.6/03(11A) (VAR.385/2) TRAILER AIR BRAKE ITALY - AIR BRAKE CONTROL VALVE - D5339



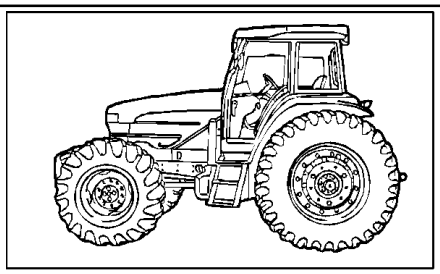


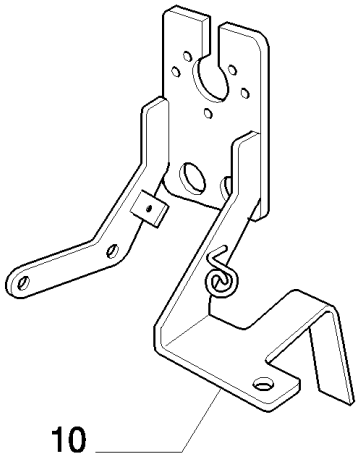
1.68.6/03(11A) (VAR.385/2) TRAILER AIR BRAKE ITALY - AIR BRAKE CONTROL VALVE - D5339

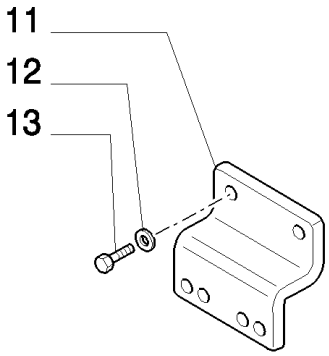
Ref	Part Number	Qty	Description
1	82019795	1	FITTING,
2	82019802	1	CLIP,
3	82019801	1	GASKET,
4	82019803	1	NUT,
5	82019796	2	NUT,
6	82019797	2	O-RING,
7	82019799	1	O-RING,
8	5169544	1	SEAL,
9	82017517	1	SWITCH, Transducer, Air Brake Pressure
10	82019800	1	CONNECTOR, HYD.,
11	87392490	1	ADAPTER,
12	82019558	1	SPRING,
13	16201324	2	BOLT, Hex, M8 x 60,
14	10516674	2	WASHER, LOCK,
15	82017199	1	ELBOW,
16	82019623	1	TUBE, RIGID,
17	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
18	82023187	1	HOSE, FLEXIBLE,
19	82030571	1	VALVE, HYDRAULIC,
20	82023180	1	FITTING,
21	5155506	1	CONNECTOR, HYD.,
22	82031392	1	BRACKET,
23	82022287	1	FITTING,
24	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
25	10516674	2	WASHER, LOCK, D=8
26	87389131	1	TUBE,
27	87392491	1	O-RING,

D5339 Serial N.ACM268363

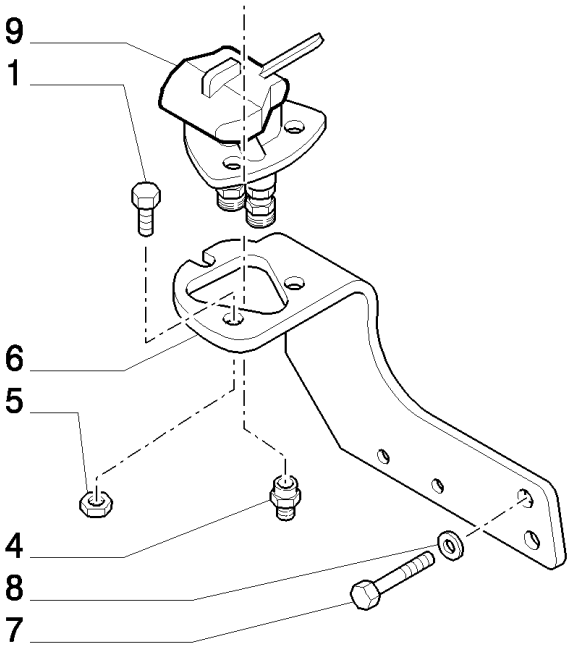
1.68.6/03(12) (VAR.385/2) TRAILER AIR BRAKE ITALY - BRACKETS



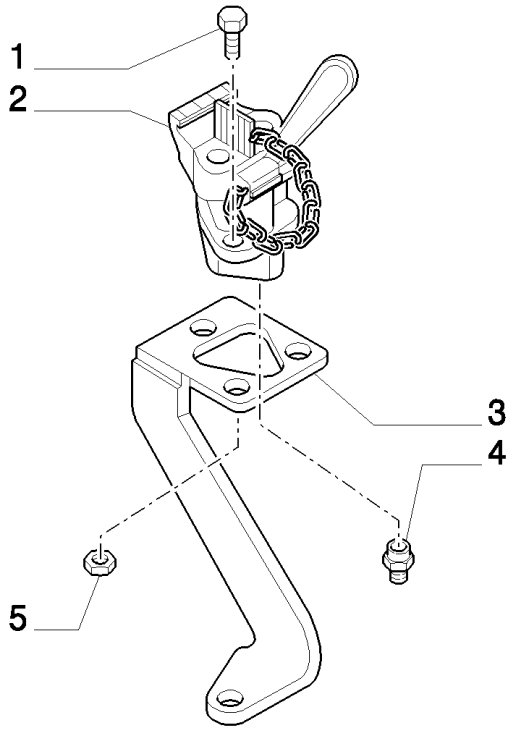




TM175 TM190



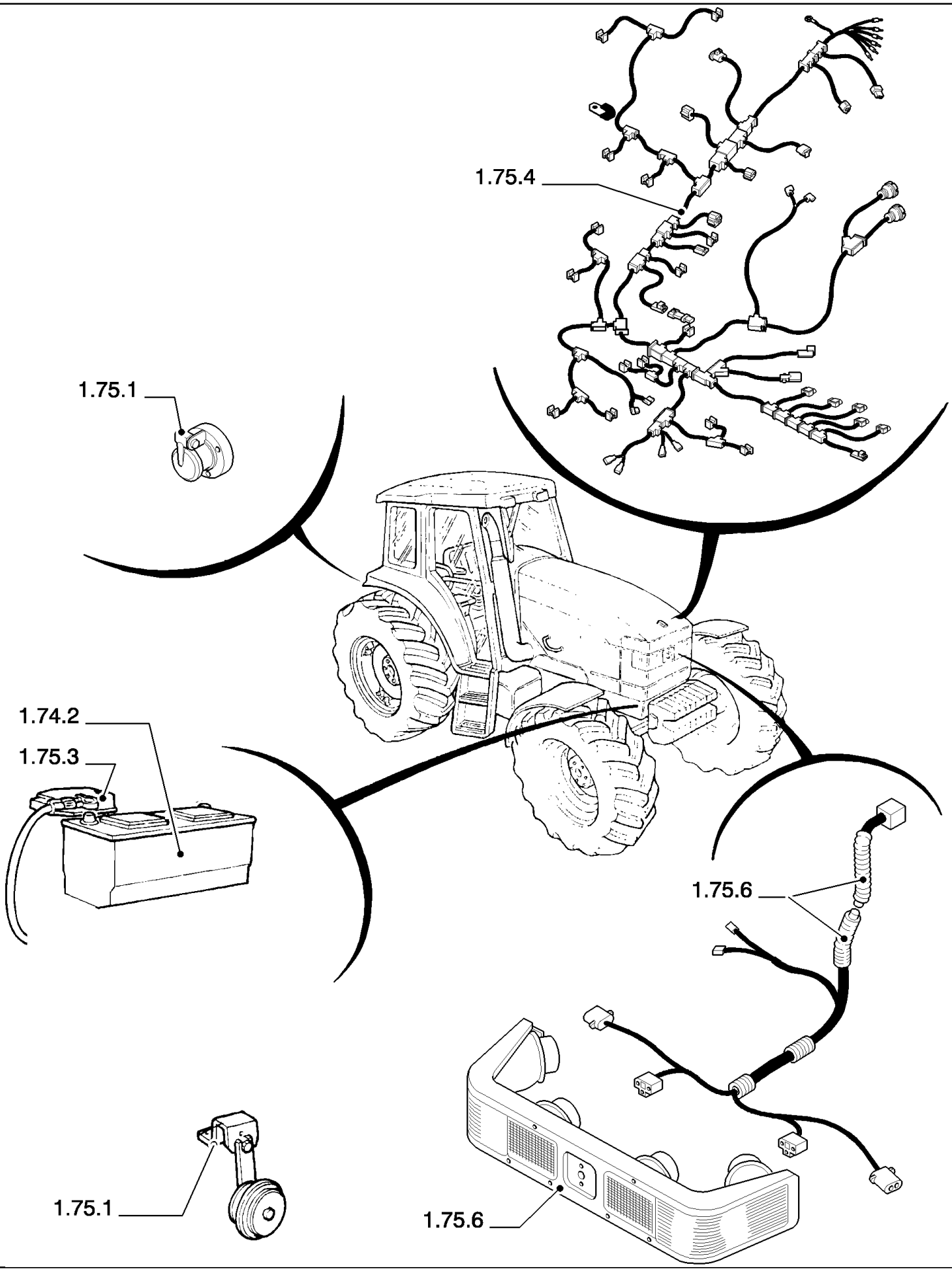
TM120 TM130 TM140 TM155



TM190 TRACTOR (6/02-) - Rear Axle

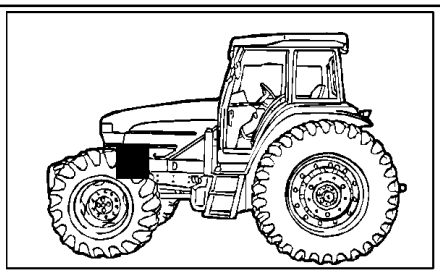
1.68.6/03(12) (VAR.385/2) TRAILER AIR BRAKE ITALY - BRACKETS

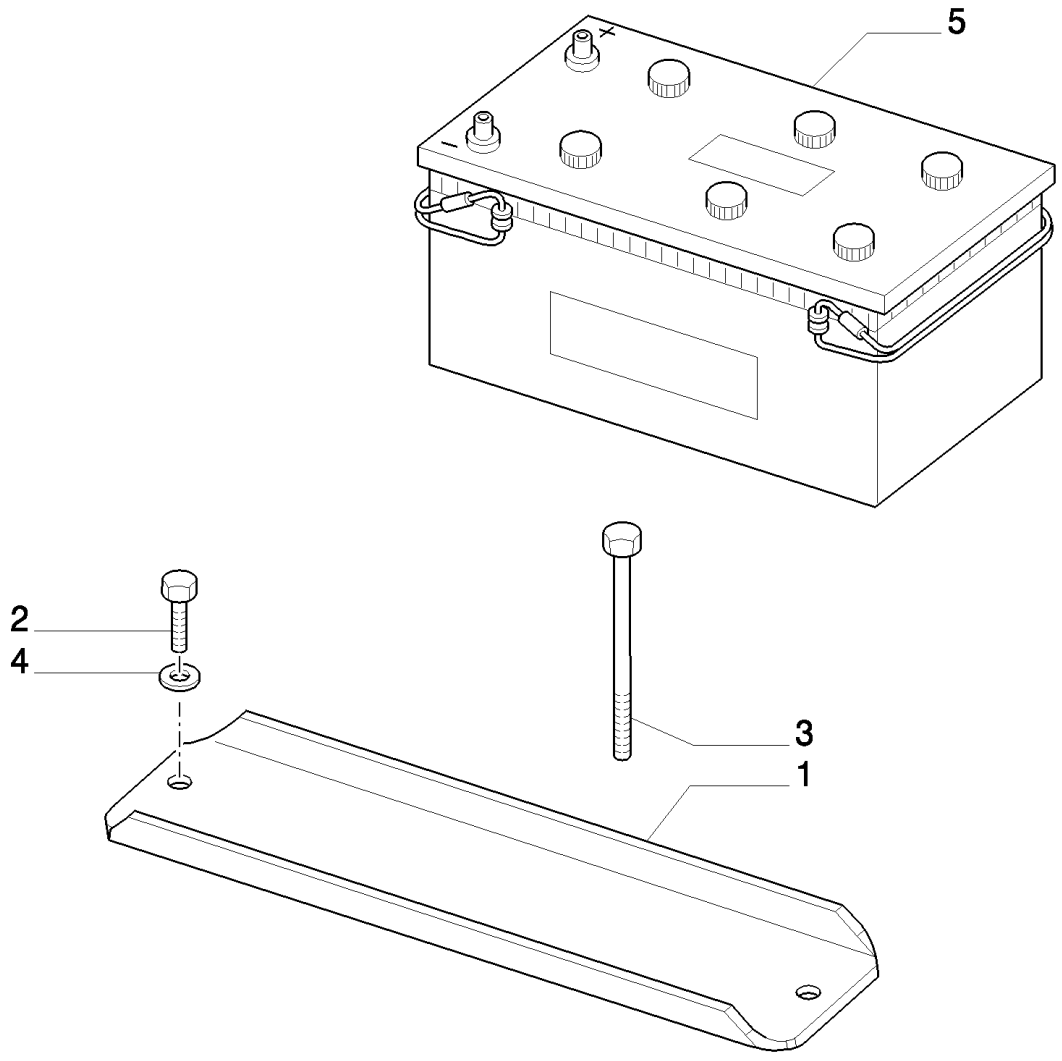
Ref	Part Number	Qty	Description
1	11106424	3	BOLT, Hex, M10 x 30, 8.8, Full Thd,
2	82020681	1	COUPLING,
3	82019878	1	BRACKET,
4	82017722	2	CONNECTOR, HYD.,
5	11701721	3	NUT, M10, Cl 10,
6	82029900	1	BRACKET,
7	11106221	2	BOLT, Hex, M10 x 25, 8.8, Full Thd,
8	14496621	2	WASHER, M10 x 21 x 2,
9	82030230	1	COUPLING, INCL. 4
10	87308094	1	BRACKET,
11	82030587	1	BRACKET,
12	14496404	2	WASHER, LOCK,
13	10902424	2	BOLT, Hex, M6 x 20, 8.8, Full Thd,


1.75.4
1.75.1
1.74.2
1.75.3
1.75.6
1.75.1
1.75.6

Ref	Part Number	Qty	Description

1.74.2 BATTERY & BATTERY MOUNTING

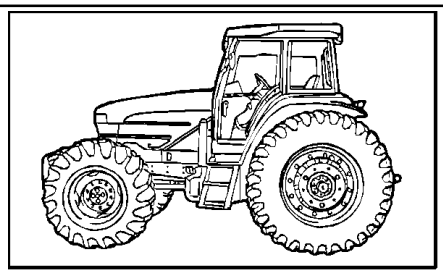


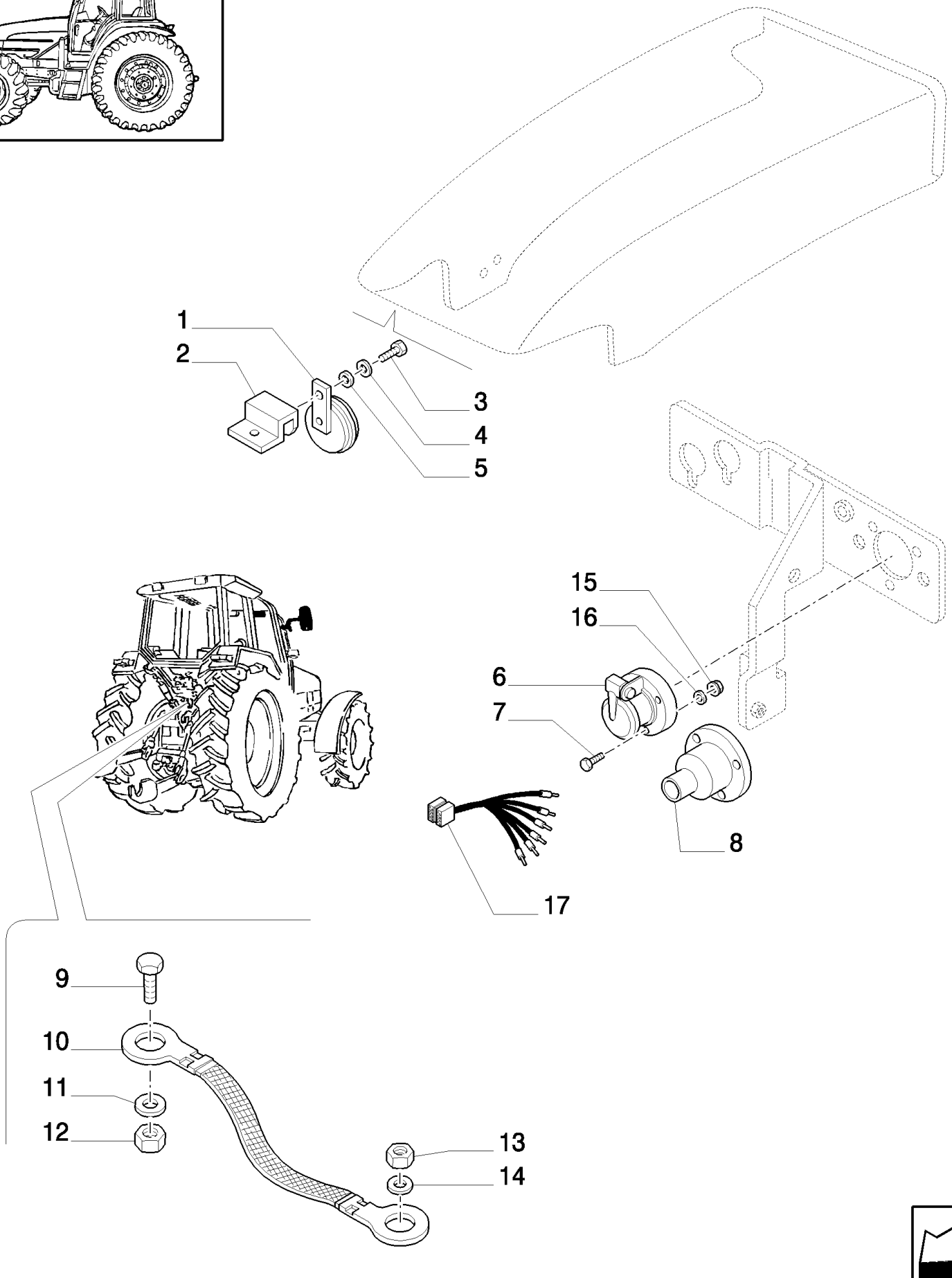


1.74.2 BATTERY & BATTERY MOUNTING

Ref	Part Number	Qty	Description
1	82028784	1	BRACKET,
2	16044224	2	BOLT, Hex, M8 x 50, 8.8,
3	82024611	2	SCREW, M8X190
4	43730	4	WASHER, LOCK,
5	82027430	1	BATTERY, WET,
5	F950DS	1	BATTERY, DRY, U.S.
5	F950DSW	1	BATTERY, WET, U.S.
5	86109297DS	1	BATTERY, DRY, Canada
5	86109297WDS	1	BATTERY, WET, Canada

1.75.1 ELECTRIC SYSTEM, HORN & HORN MOUNTING

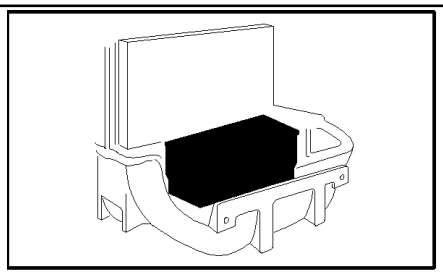


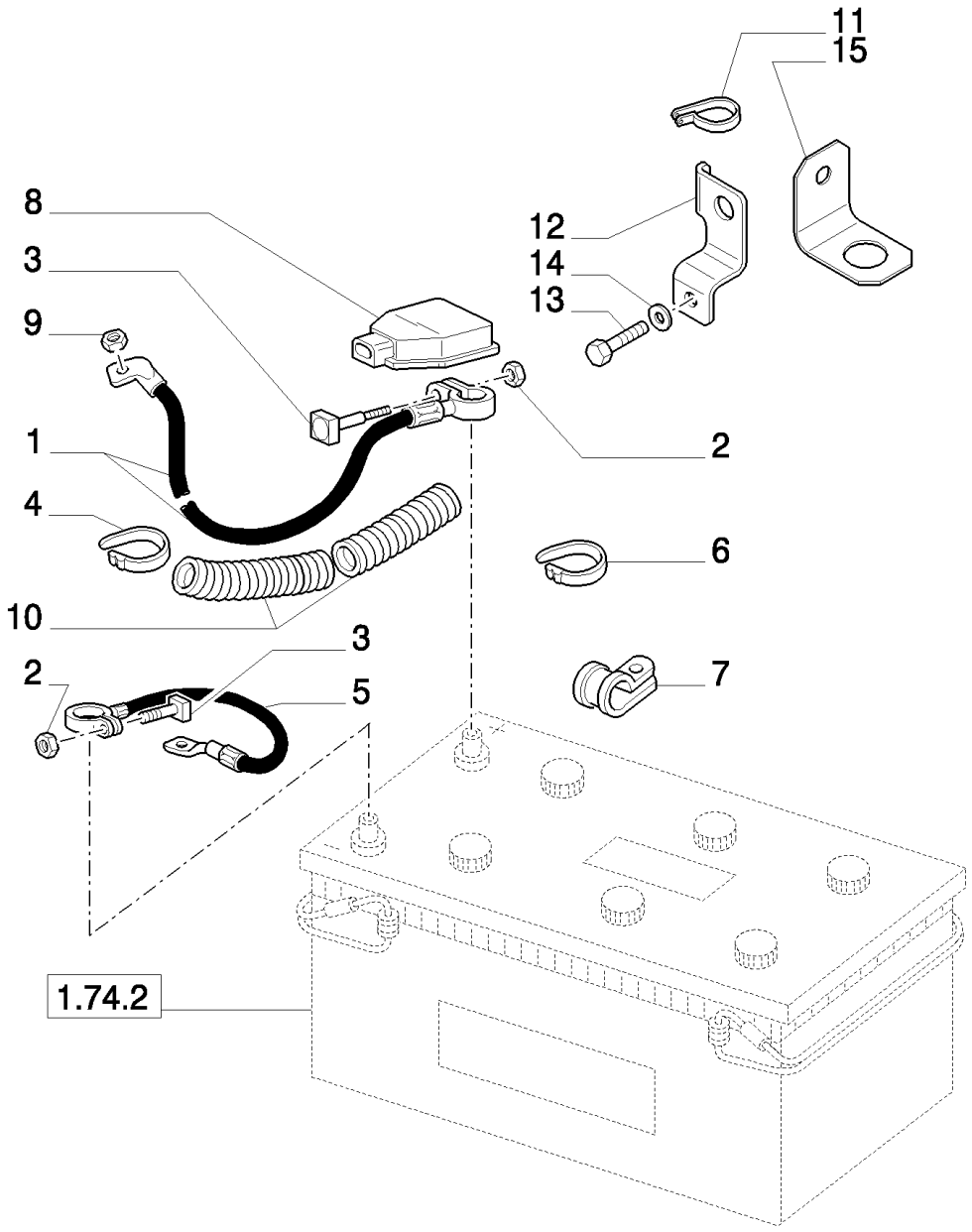


1.75.1 ELECTRIC SYSTEM, HORN & HORN MOUNTING

Ref	Part Number	Qty	Description
1	82000694	1	HORN, , BSN ACP275531
1	87551747	1	HORN, , BSN ACP275531
2	82001658	1	GUIDE,
3	16043224	1	BOLT, Hex, M8 x 16, 8.8, Full Thd,
4	86517328	1	WASHER, LOCK, M6,
5	10519604	1	WASHER, M8 x 17 x 2,
6	83959716	1	SOCKET, POWER,
7	82021071	3	SCREW,
8	82013268	1	BOOT,
9	11106021	1	BOLT, Hex, M10 x 20, 8.8, Full Thd,
10	82024742	1	CABLE, GROUND
11	14499521	1	WASHER,
12	11701721	1	NUT, M10, Cl 10,
13	12164021	1	NUT, M14 x 1.5, Cl 10,
14	12644904	1	WASHER,
15	15896421	3	NUT, M5, Cl 10,
16	85700057	3	WASHER, LOCK, Serr, M5,
17	82023144	1	CABLE, ELECTRIC,

1.75.3 BATTERY, CABLES

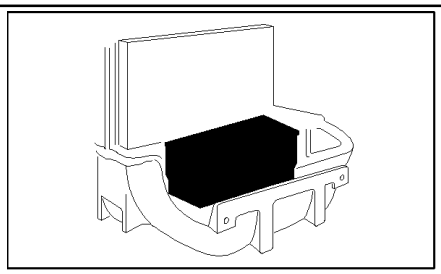


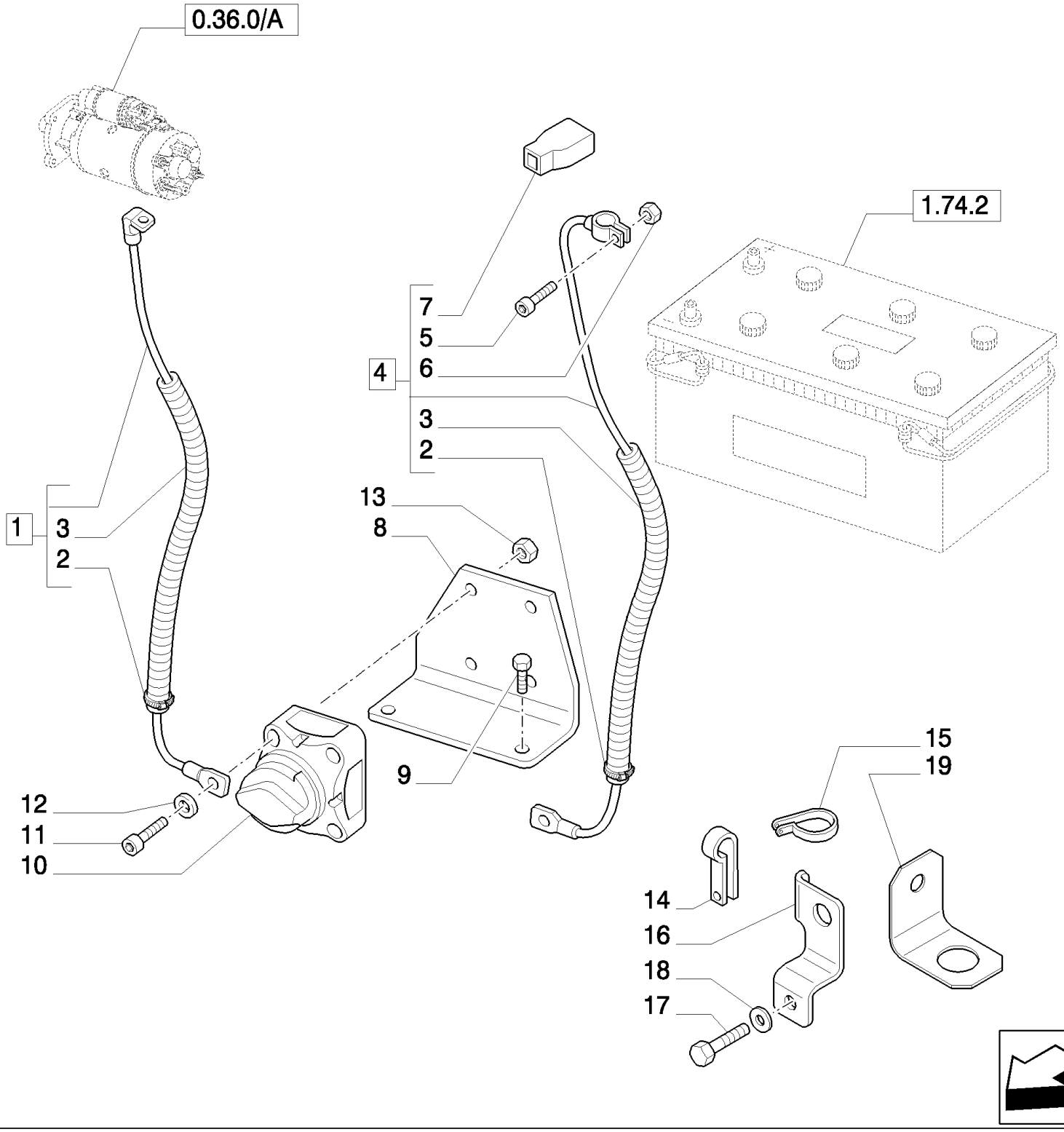


1.75.3 BATTERY, CABLES

Ref	Part Number	Qty	Description
1	82030173	1	CABLE, ELECTRIC, Incl. Ref. 2,3,4,8,10
2	82879527	AR	NUT,
3	81869762	AR	BOLT,
4	5112712	AR	STRAP, CABLE, M4.8 x 283, 11.4"
5	82018975	1	CABLE, ELECTRIC, Incl. Ref. 2,3
6	529070	1	STRAP, CABLE, .30" x 14.5", 5/16" x 14-1/2"
6	263117	2	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
7	10450690	2	CLAMP,
8	82002797	AR	COVER, CAP,
9	16100811	1	NUT, M8, Cl 8,
10	82918747	AR	SHIELD,
11	10441890	1	CLAMP, D=22, ASN ACM253609
12	87329673	1	BRACKET, , ASN ACM253609
13	86977726	1	BOLT, Hex, M6 x 12, 8.8, , ASN ACM253609
14	17094714	1	WASHER, LOCK, 6x12.5, ASN ACM253609
15	87306036	1	BRACKET, , ASN ACM253609

1.75.3/01 (VAR.753/1) BATTERY INSULATION

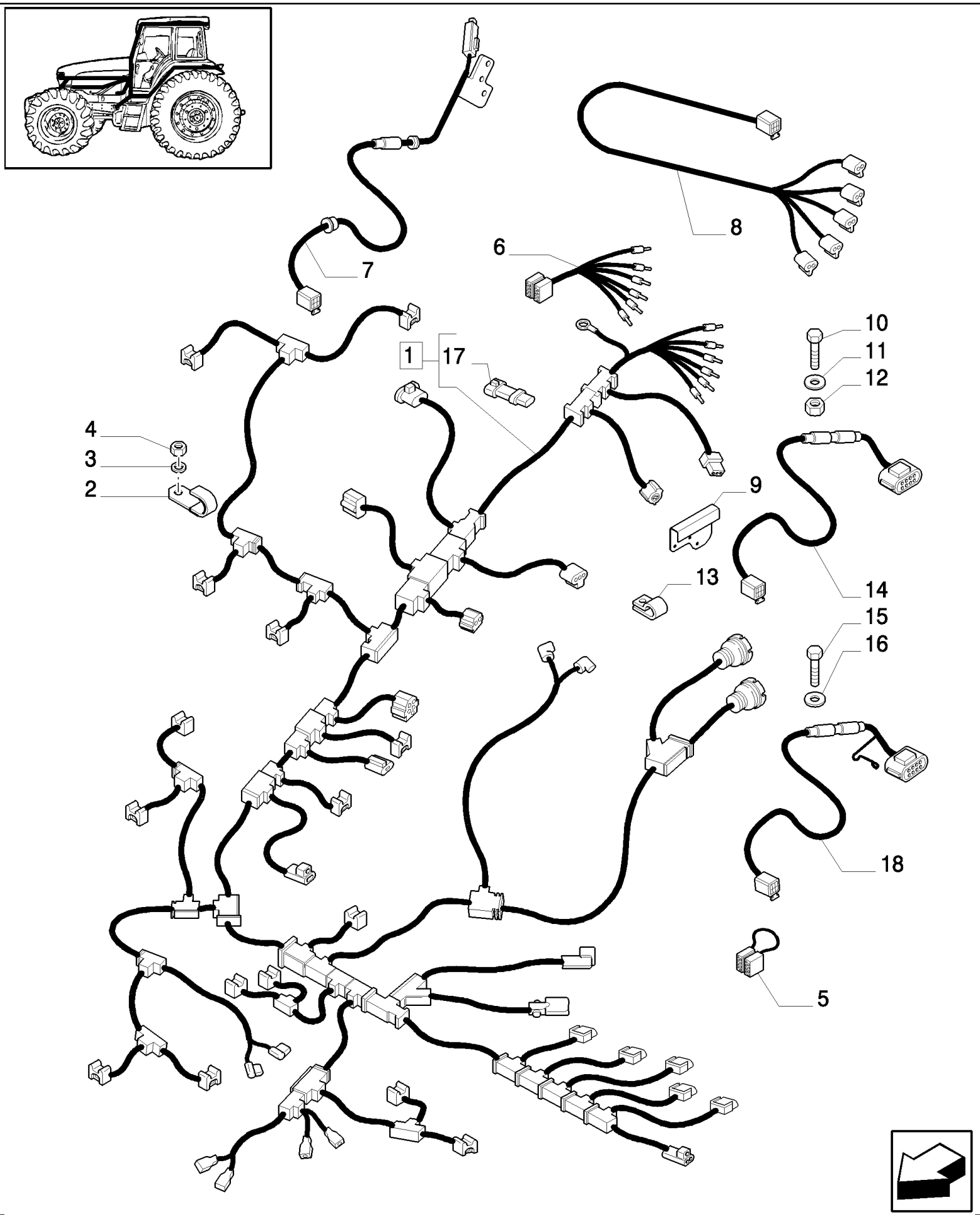




1.75.3/01 (VAR.753/1) BATTERY INSULATION

Ref	Part Number	Qty	Description
1	82033356	1	CABLE, ELECTRIC, ASSY, Incl. Ref. 2,3, BSN ACM253608
1	87308487	1	CABLE, ELECTRIC, ASSY, Incl. Ref. 2,3, ASN ACM253609
2	5112712	2	STRAP, CABLE, M4.8 x 283,
3	82918747	1	SHIELD,
4	82033355	1	CABLE, ELECTRIC, ASSY, Incl. Ref. 2,3,5,6,7
5	81869762	1	BOLT,
6	82879527	1	NUT, M8
7	82002797	1	COVER, CAP,
8	82026210	1	CONSOLE,
9	10902224	2	BOLT, Hex, M6 x 16, 8.8, Full Thd,
10	82022881	1	SWITCH, ASSY
11	10390211	4	SCREW, Slotted, Pan Hd, M5 x 35, 5.8,
12	10615371	4	WASHER, LOCK, Ext Tooth, M5,
13	15896421	4	NUT, M5, Cl 10,
14	82033477	1	CLIP, Only For TM175, TM190, BSN ACM253608
15	10441890	1	CLAMP, D=22, ASN ACM253609
16	87329673	1	BRACKET, , ASN ACM253609
17	86977726	1	BOLT, Hex, M6 x 12, 8.8, , ASN ACM253609
18	17094714	1	WASHER, LOCK, 6x12.5, ASN ACM253609
19	87306036	1	BRACKET, , ASN ACM253609

1.75.4(01) ELECTRICAL SYSTEM CABLES - C5443



D4868 Serial N.230124 D4883 After Date 01/11/2003 D4993 Serial N.ACM247565 D5212 Serial N.ACM263458 D5265 Serial N.ACM267461 D5322 Serial N.ACM267876 D5324 Serial N.ACM274951 C5443 Serial N.ACM276396

TM190 TRACTOR (6/02-) - Electrical System

1.75.4(01) ELECTRICAL SYSTEM CABLES - C5443

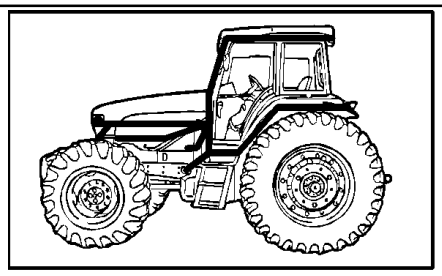
Ref	Part Number	Qty	Description
1	82028415	1	CABLE, ELECTRIC, TM175,TM190, BSN 230123
1	82021032	1	CABLE, ELECTRIC, TM120, TM130, TM140, TM155, BSN ACM247564
1	87301857	1	HARNESS, WIRE, TM175,TM190, BTW ACM247565 & ACM263457
1	82028255	1	CABLE, ELECTRIC, TM120, TM130, TM140, W/Mec. trans. 20x16 , BSN ACM247564
1	87301859	1	HARNESS, WIRE, , W/FULL POWER SHIFT TRANS. 18x6(40KPH) AND 17x6(30KPH) EQUIP.281, BTW ACM247565 & ACM263457
1	82021031	1	CABLE, ELECTRIC, , BSN ACM247564
1	87301860	1	HARNESS, WIRE, TM120, TM130, TM140, TM155, BTW ACM247565 & ACM263457
1	82021033	1	CABLE, ELECTRIC, TM120, TM130, TM140, W/HI-LO trans. 24x12(40kph-4wd)Equip.272, BSN ACM247564
1	87301861	1	HARNESS, WIRE, TM120, TM130, TM140, W/HI-LO trans. 24x12(40kph-4wd)Equip.272, BTW ACM247565 & ACM263457
1	82034565	1	HARNESS, WIRE, TM175, TM190, BTW 230124 & ACM247564
1	87301862	1	HARNESS, WIRE, TM120, TM130, TM140, W/Mec. trans. 20x16 , BTW ACM247565 & ACM263457
1	87301858	1	HARNESS, WIRE, TM175, TM190, W/FULL POWER SHIFT TRANS. AND WITH 4TH AND 5TH REMOTE VALVE EQUIP. 252-718, 230124-C5324
1	87330799	1	HARNESS, WIRE, TM175, TM190, ASN ACM263458
1	87330803	1	HARNESS, WIRE, , W/FULL POWER SHIFT TRANS. 18x6(40KPH) AND 17x6(30KPH) EQUIP.281, BTW ACM263458 & ACM274950
1	87399673	1	HARNESS, WIRE, , W/FULL POWER SHIFT TRANS. 18x6(40KPH) AND 17x6(30KPH) EQUIP.281, ASN ACM274951
1	87330804	1	HARNESS, WIRE, TM120, TM130, TM140, TM155, W/Semi power shift., BTW ACM263458 & ACM267460
1	87345961	1	HARNESS, WIRE, TM120, TM130, TM140, TM155, W/Semi power shift., BTW ACM267461 & ACM274950
1	87399648	1	HARNESS, WIRE, TM120, TM130, TM140, TM155, W/Semi power shift., ASN ACM267461
1	87330805	1	HARNESS, WIRE, TM120, W/HI-LO trans. 24x12(40kph-4wd)Equip.272, BTW ACM263458 & ACM274950
1	87399674	1	TM120, TM130, TM140, TM155, W/HI-LO trans. 24x12(40kph-4wd)Equip.272, ASN ACM274951
1	87330806	1	HARNESS, WIRE, TM120, TM130, TM140, W/Mec. trans. 20x16 , BTW ACM263458 & ACM274950
1	87399675	1	HARNESS, WIRE, TM120, TM130, TM140, TM155, W/Mec. trans. 20x16 , ASN ACM274951
1	87306215	1	HARNESS, WIRE, TM175, TM190, W/FULL POWER SHIFT TRANS. AND WITH 4TH AND 5TH REMOTE VALVE EQUIP. 252-718, D5324-C5212
1	87330802	1	HARNESS, WIRE, TM175, TM190, W/FULL POWER SHIFT TRANS. AND WITH 4TH AND 5TH REMOTE VALVE EQUIP. 252-718, D5212-
2	5171792	1	COLLAR, RETAINER,
3	82879382	1	WASHER,
4	89706690	1	NUT, M8, Cl 8,
5	82014331	1	CABLE, ELECTRIC, Ground Speed PTO Link
6	82023144	1	CABLE, ELECTRIC,
7	82036227	1	CABLE, ELECTRIC, TM120, TM130, TM140, TM155, Viscotronic Fan Harness., -C4883
7	82036228	1	CABLE, ELECTRIC, TM175, TM190, Viscotronic Fan Harness., -C4883
8	82026063	1	CABLE, ELECTRIC, , W/EQUIP.900 HYDR.ADJUST. FOR TOP LINK AND RIGHTHAND LIFT-ROD FOR CCLS
9	82038676	1	SHIELD, , Viscotronic Fan Harness., D4883-

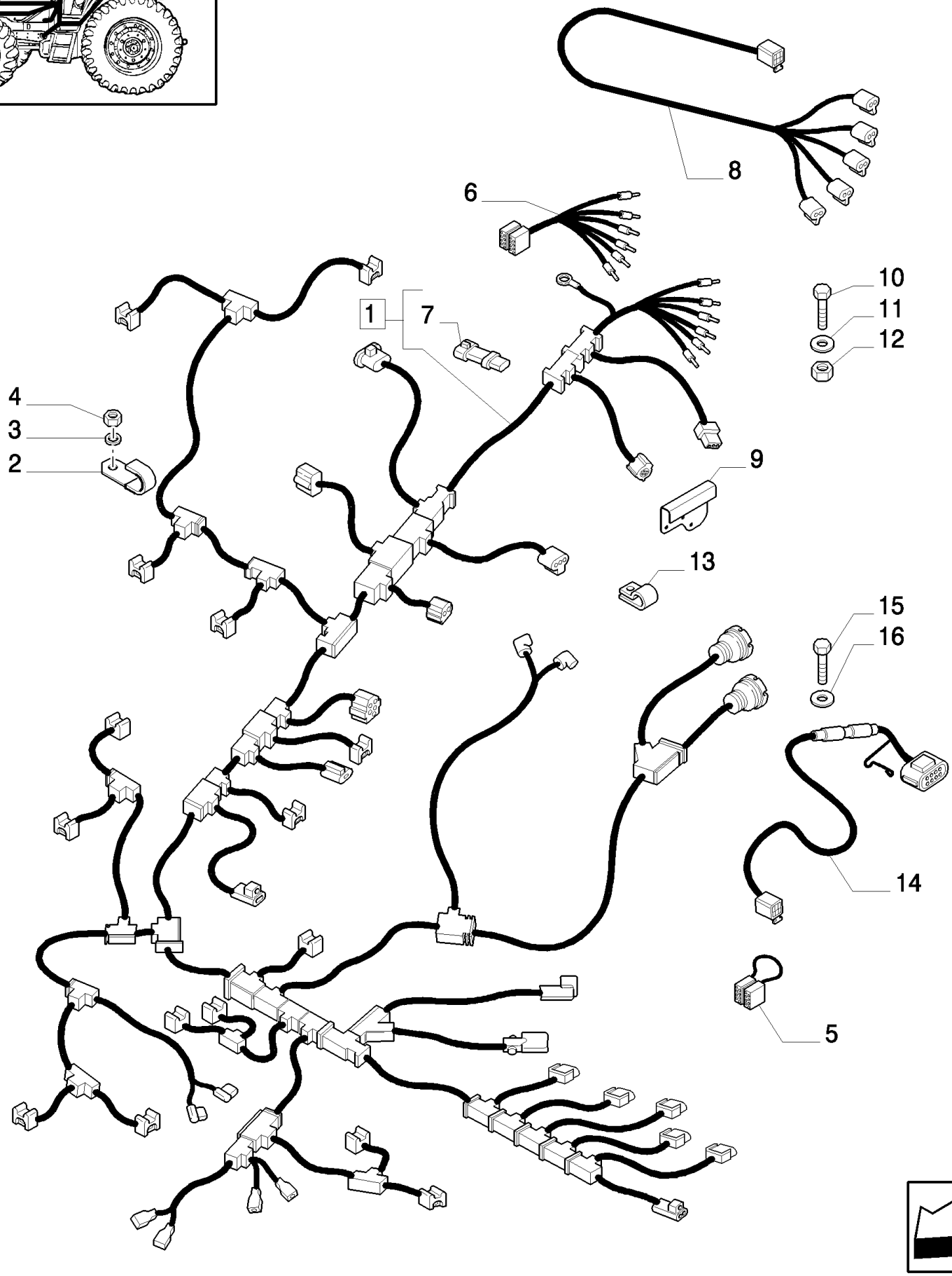
D4868 Serial N.230124 D4883 After Date 01/11/2003 D4993 Serial N.ACM247565 D5212 Serial N.ACM263458 D5265 Serial N.ACM267461 D5322 Serial N.ACM267876 D5324 Serial N.ACM274951 C5443 Serial N.ACM276396

1.75.4(01) ELECTRICAL SYSTEM CABLES - C5443

Ref	Part Number	Qty	Description
10	10902424	1	BOLT, Hex, M6 x 20, 8.8, Full Thd, , Viscotronic Fan Harness., D4883-
11	12640604	2	WASHER, M6 x 25 x 2, , Viscotronic Fan Harness., D4883-
12	10789611	1	NUT, M6, Viscotronic Fan Harness., D4883-
13	10418405	1	RETAINER, , Viscotronic Fan Harness., D4883-
14	82038674	1	CABLE, ELECTRIC, , Viscotronic Fan Harness., D4883-ACM267875
15	10902421	2	BOLT, Hex, M6 x 20, 8.8,
16	10519401	2	WASHER, M6 x 11.95 x 1.6,
17	82036572	2	HARNESS, WIRE,
18	87398532	1	CABLE, ELECTRIC, , ASN ACM267876

1.75.4(01A) ELECTRICAL SYSTEM CABLES - D5443

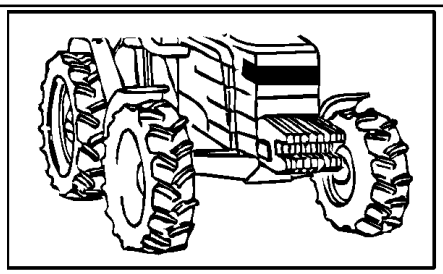


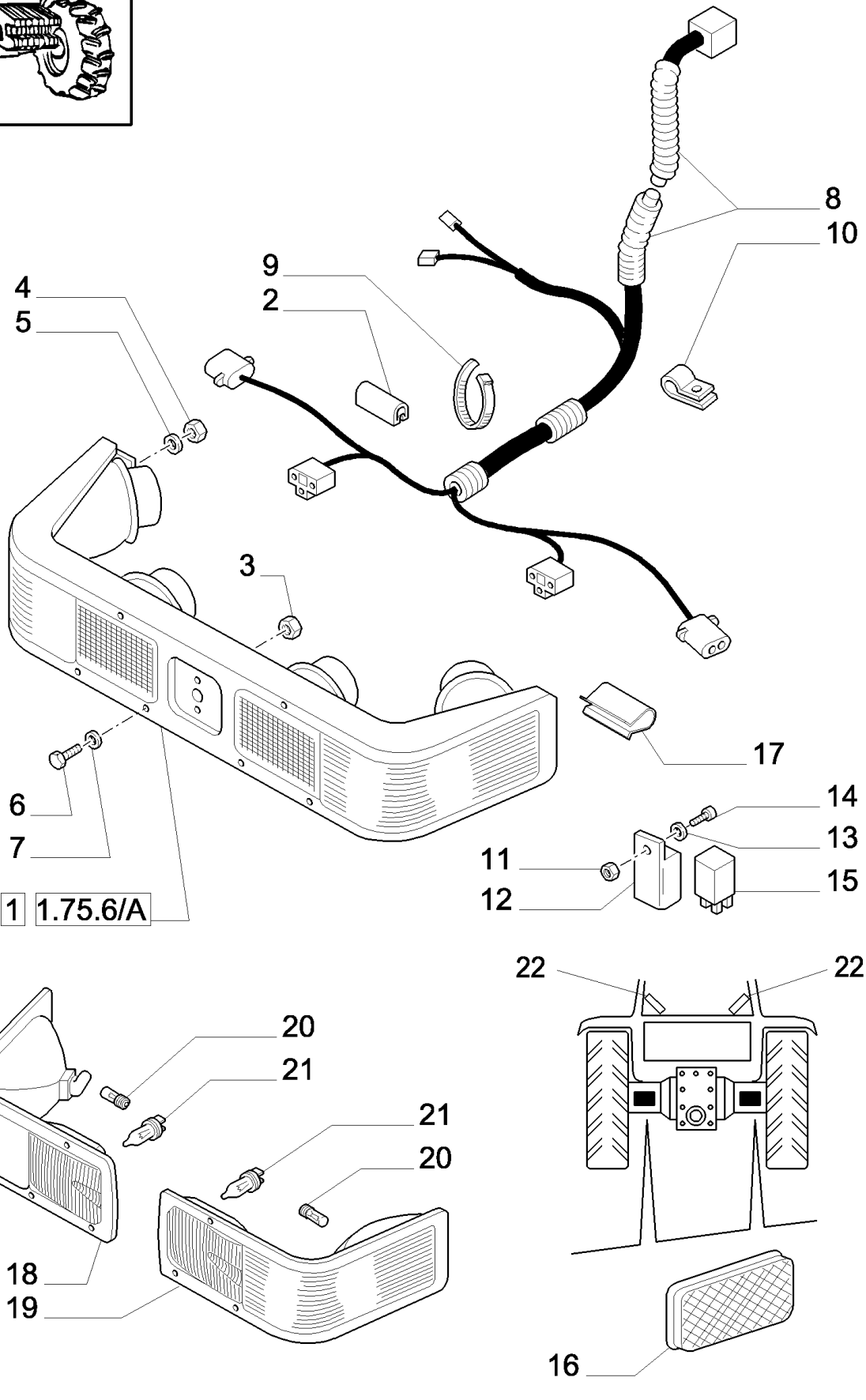


1.75.4(01A) ELECTRICAL SYSTEM CABLES - D5443

Ref	Part Number	Qty	Description
1	87520235	1	HARNESS, WIRE, TM120, TM130,TM140, TM155 , W/Semi Power Shift, ASN ACM276397
1	87520237	1	HARNESS, WIRE, TM175, TM190
1	87520238	1	HARNESS, WIRE, TM175, TM190, W/FULL POWER SHIFT TRANS. AND WITH 4TH AND 5TH REMOTE VALVE EQUIP. 252-718
1	87520240	1	HARNESS, WIRE, , W/FULL POWER SHIFT TRANS. 18X6(40KPH) AND 17X6(30KPH) EQUIP.281, ASN ACM276397
1	87399675	1	HARNESS, WIRE, TM120, TM130, TM140, TM155, W/Mec. trans. 20x16
1	87520243	1	HARNESS, WIRE, TM120, TM130, TM140, TM155, W/HI-LO TRANS.24x12 (40KPH-4KW) Equip.272
2	5171792	1	COLLAR, RETAINER,
3	82879382	1	WASHER,
4	89706690	1	NUT, M8, Cl 8,
5	82014331	1	CABLE, ELECTRIC, Ground Speed PTO Link
6	82023144	1	CABLE, ELECTRIC,
7	82036572	2	HARNESS, WIRE,
8	82026063	1	CABLE, ELECTRIC, , W/EQUIP.900 HYDR.ADJUST. FOR TOP LINK AND RIGHTHAND LIFT-ROD FOR CCLS
9	82038676	1	SHIELD, , VISCOTRONIC FAN HARNESS
10	10902424	1	BOLT, Hex, M6 x 20, 8.8, Full Thd, , VISCOTRONIC FAN HARNESS
11	12640604	2	WASHER, M6 x 25 x 2, , VISCOTRONIC FAN HARNESS
12	10789611	1	NUT, M6, VISCOTRONIC FAN HARNESS
13	10418405	1	RETAINER, , VISCOTRONIC FAN HARNESS
14	87398532	1	CABLE, ELECTRIC,
15	10902421	2	BOLT, Hex, M6 x 20, 8.8,
16	10519401	2	WASHER, M6 x 11.95 x 1.6,

1.75.6 HEADLAMP - REFLECTOR





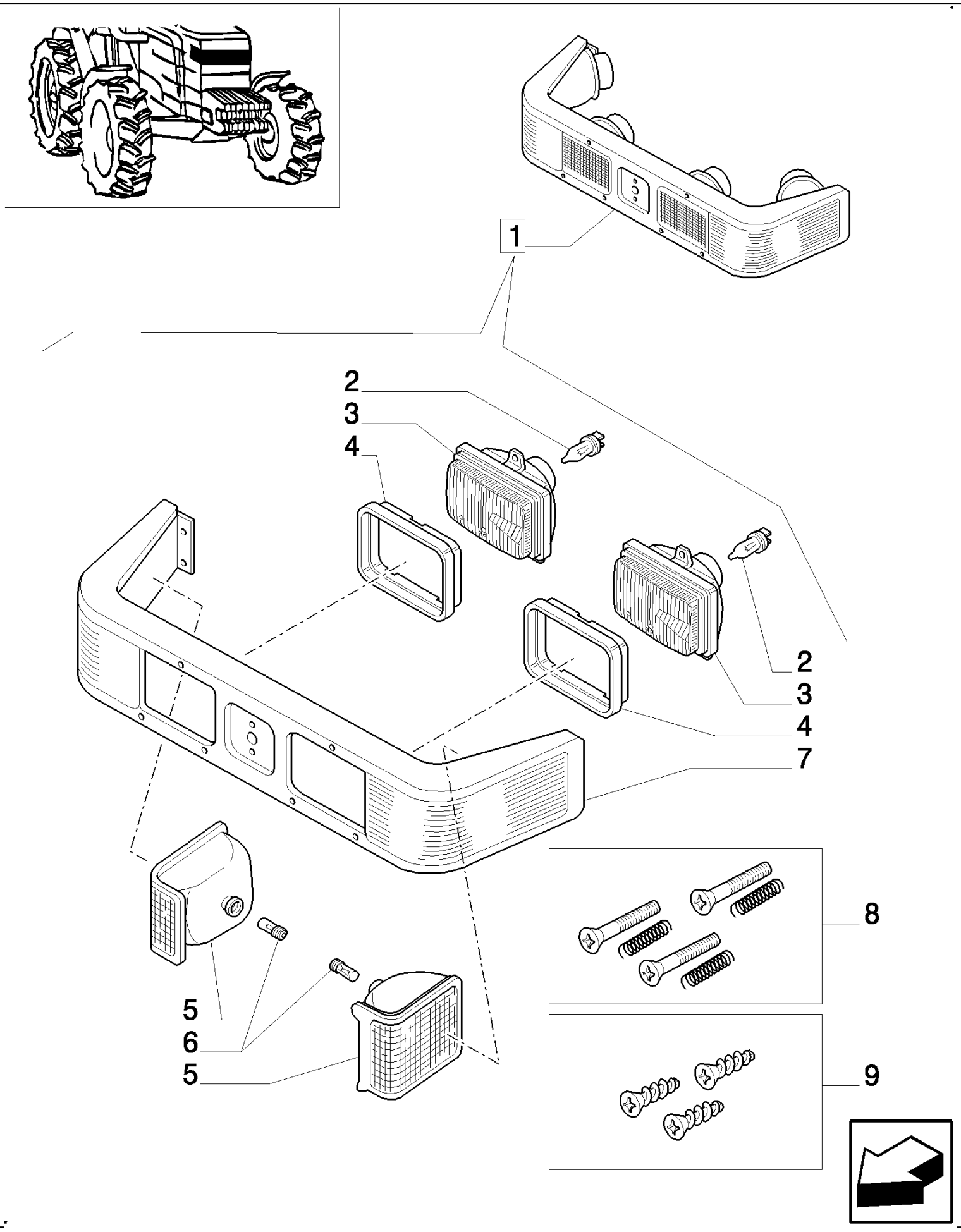
Var.521 Only for TM120, TM130, TM140

1.75.6 HEADLAMP - REFLECTOR

Ref	Part Number	Qty	Description
1	82011931	1	HEADLAMP, STD - RH DIP
1	82011932	1	HEADLAMP, EQUIP. 760 - LH DIP
2	81816009	1	BUMPER,
3	15896221	1	NUT, M6, Cl 10,
4	14371774	4	NUT, M6, U, 12mm long,
5	12647604	5	WASHER, M6 x 16 x 2,
6	10902224	4	BOLT, Hex, M6 x 16, 8.8, Full Thd,
7	12035670	5	WASHER, LOCK,
8	82006938	1	HARNESS, WIRE,
8	82019856	1	CABLE, ELECTRIC, , W/SuperSteer front axle (Var.416, Var.659, Var.521)
9	80263117	4	STRAP, SECURING, 3/32" x 11-1/2" L
9	80529070	2	STRAP, CABLE, 5/16" x 14-1/2"
10	81866030	2	CLIP,
11	15896421	1	NUT, M5, Cl 10,
12	81864737	1	COVER,
13	12605279	1	WASHER,
14	81864749	1	SCREW, M5X12
15	82017871	1	RELAY,
16	82002957	2	REFLECTOR,
17	82007724	8	CLIP,
18	82019787	1	LAMP, RH (LH DIP) (20,21), (Var.659), W/SuperSteer front axle
18	82019785	1	LAMP, RH (RH DIP) (20,21), W/SuperSteer front axle (Var.416, Var.521)
19	82019788	1	LAMP, LH (LH DIP) (20,21), (Var.659), W/SuperSteer front axle
19	82019786	1	LAMP, LH (RH DIP) (20,21), W/SuperSteer front axle (Var.416, Var.521)
20	82004449	AR	BULB, 12V 55W
21	83952123	AR	BULB, 12V 55/60W
22	5198373	2	REFLECTOR,

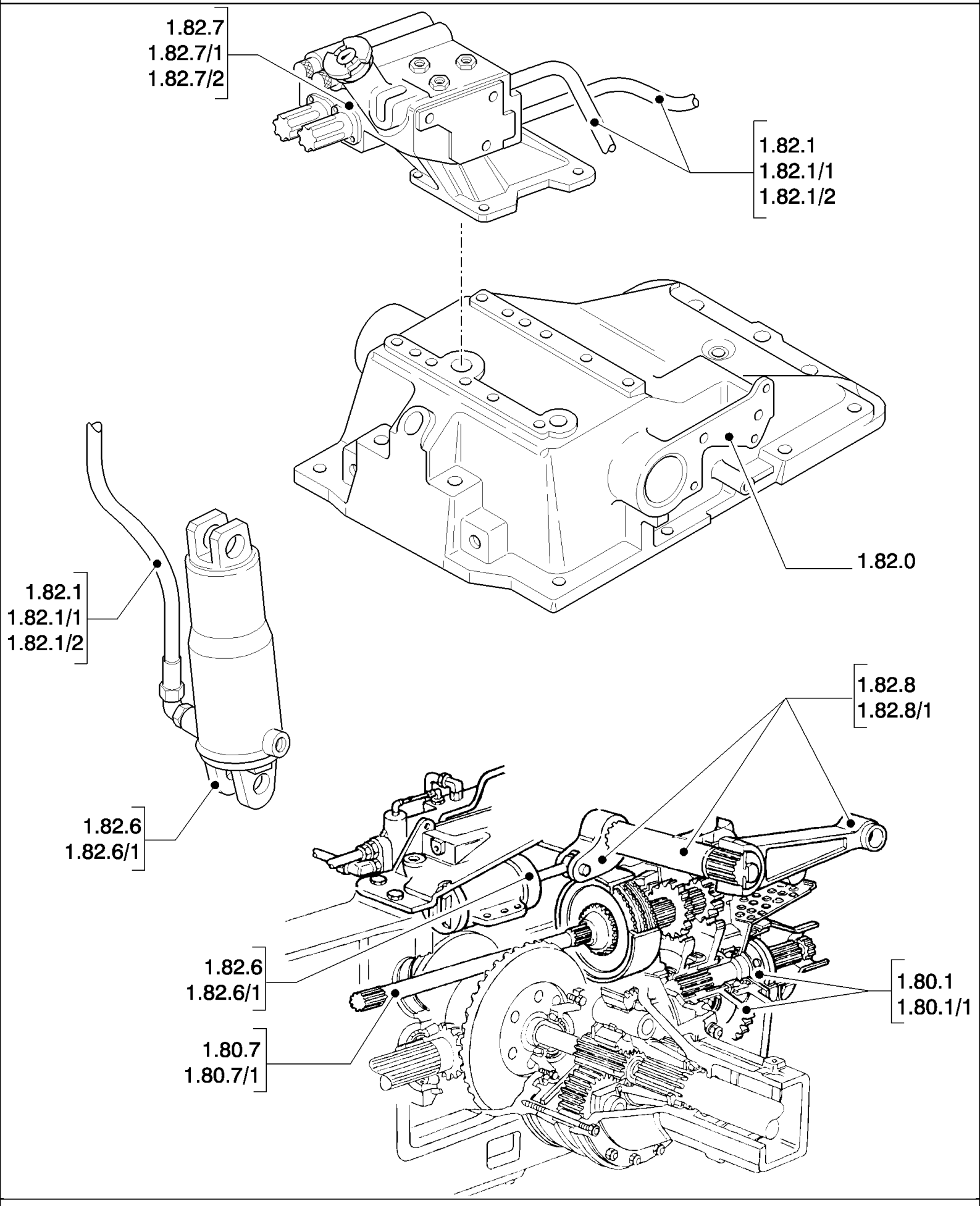
Var.521 Only for TM120, TM130, TM140

1.75.6/ A HEADLAMP



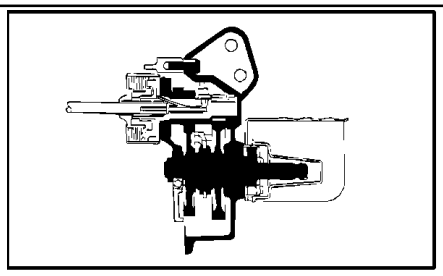
1.75.6/ A HEADLAMP

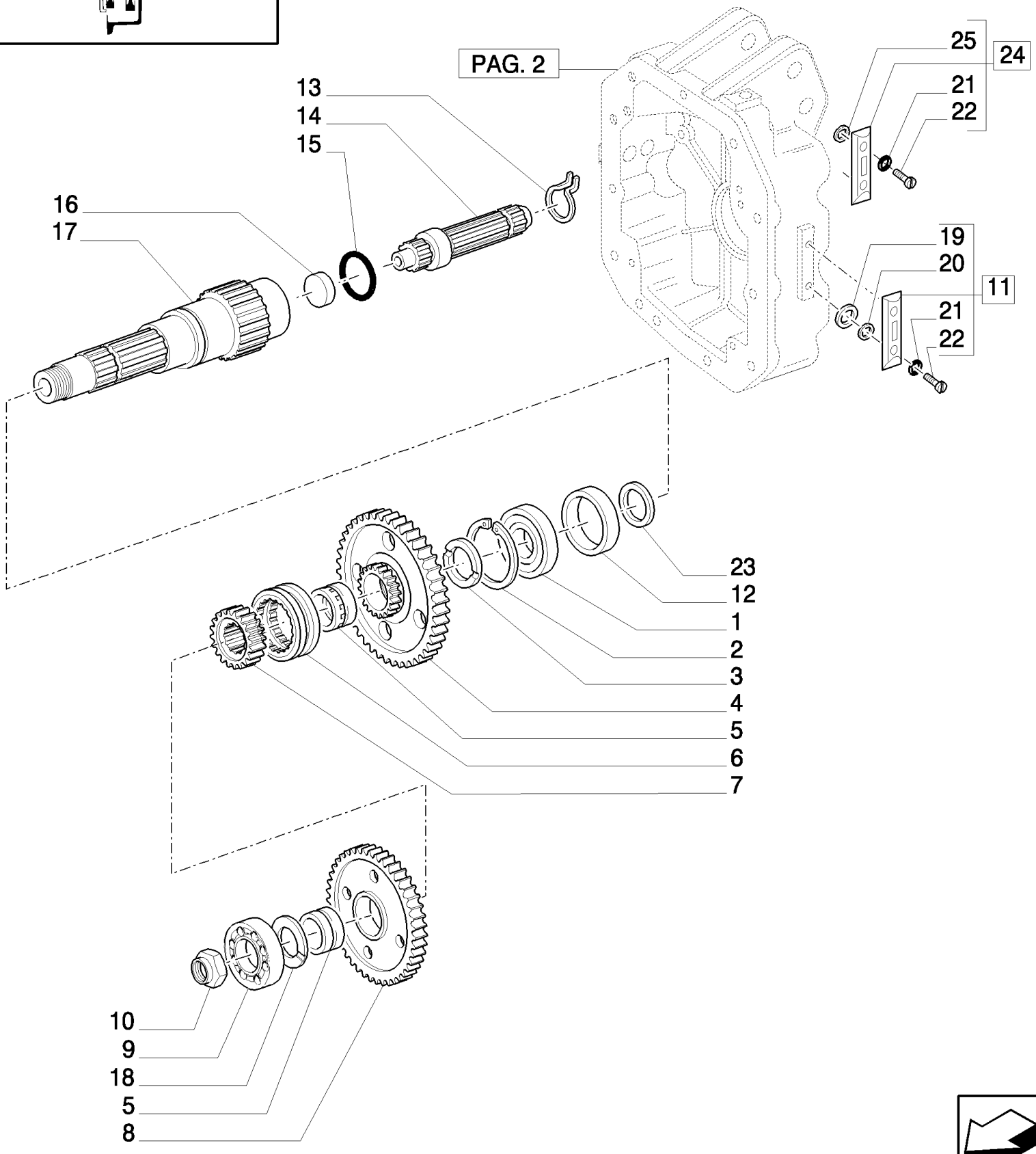
Ref	Part Number	Qty	Description
1	82011931	1	HEADLAMP, STD - RH DIP
1	82011932	1	HEADLAMP, EQUIP. 760 - LH DIP
2	87283179	2	BULB,
3	82014129	2	HEADLAMP, RH DIP
3	82014128	2	HEADLAMP, LH DIP
4	82011936	2	GASKET,
5	82014130	2	BULB,
6	82004449	2	BULB,
7	9969130	1	CAPPING,
8	9970123	2	KIT, HEAD LAMP FIXINGS
9	9970124	2	KIT, WORK LAMP FIXINGS


1.82.7
1.82.7/1
1.82.7/2
1.82.1
1.82.1/1
1.82.1/2
1.82.0
1.82.1
1.82.1/1
1.82.1/2
1.82.8
1.82.8/1
1.82.6
1.82.6/1
1.82.6
1.82.6/1
1.80.1
1.80.1/1
1.80.7
1.80.7/1

Ref	Part Number	Qty	Description

1.80.1/01(01) POWER TAKE-OFF 750/1000 RPM





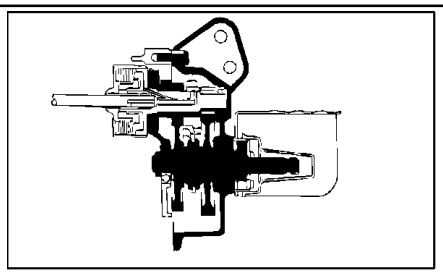
TM190 TRACTOR (6/02-) - Hydraulic System

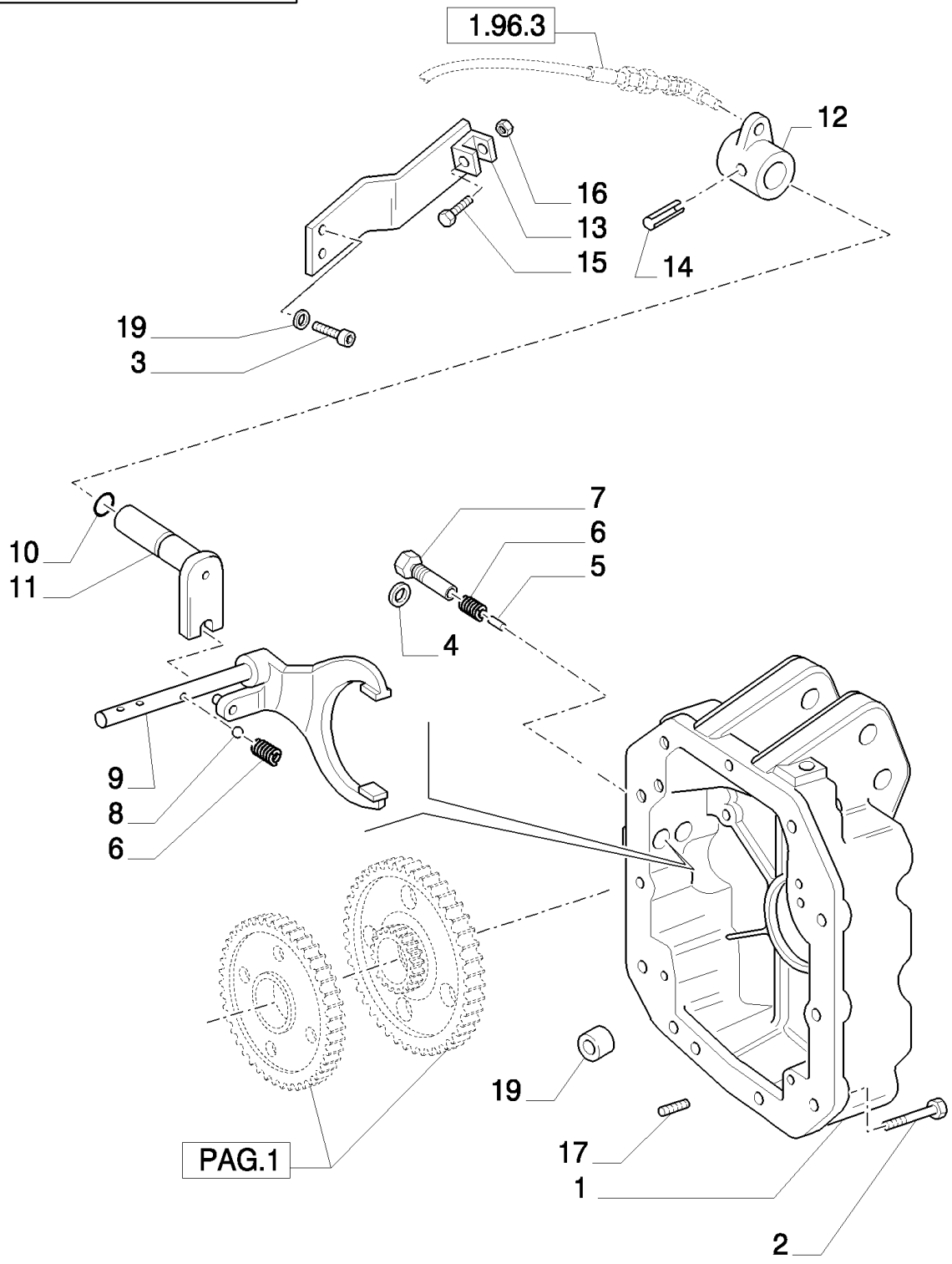
1.80.1/01(01) POWER TAKE-OFF 750/1000 RPM

Ref	Part Number	Qty	Description
1	26794680	1	BEARING, ROLLER, TAPERED, 70 x 125 x 24
2	11076176	1	RING, SNAP, M125, Int,
3	11070376	2	RING, SNAP, M70, Ext, , -C4943
3	47132124	2	RING, SNAP, D=70, D4943-
4	5196855	1	GEAR, DRIVING,
5	5151437	2	RING,
6	5129513	1	SLEEVE,
7	5151488	1	SLEEVE,
8	5182636	1	GEAR, DRIVING,
9	5182627	1	BEARING ASSY, 40X90X23
10	5123114	1	NUT, RING, M36X17
11	47124536	1	INDICATOR, Assy, -C5171
12	5196487	1	SEAL, 80 x 100 x 10
13	87347166	1	CIRCLIP,
14	47130743	1	SHAFT, PTO, 540 RPM, 1"3/8 6 Teeth
14	47130744	1	SHAFT, PTO, 1000 RPM, 1"3/8 21 Teeth
14	47132584	1	SHAFT, PTO, 1000 RPM, 1-3/4" 20 teeth
15	14459881	1	SEAL,
16	5179204	1	PLUG,
17	5196858	1	SHAFT, , -C4943
17	47131841	1	SHAFT, , D4943-
18	5182629	1	PLATE, ANTI-WRAP,
19	47130061	1	WASHER, , -C5171
20	47130190	2	GASKET, , -C5171
21	47130060	2	GASKET,
22	47130059	2	SCREW,
23	47131852	1	RETAINER, D=70, D4943-
24	87348844	1	INDICATOR, , D5171-
25	87349969	2	GASKET, , D5171-

D4943 From Date 14/04/03 11070376+5196858=47132124+47131841+47131852 D5171 After Date 03 March 2006

1.80.1/01(02) POWER TAKE-OFF 750/1000 RPM





D4943 After Date 11/04/03 5196862=47132057+47132140+47131825+47125899 D5291 Serial N. ACM252703 D5378 Serial N. ACM269446

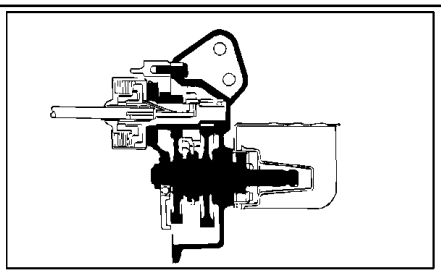
TM190 TRACTOR (6/02-) - Hydraulic System

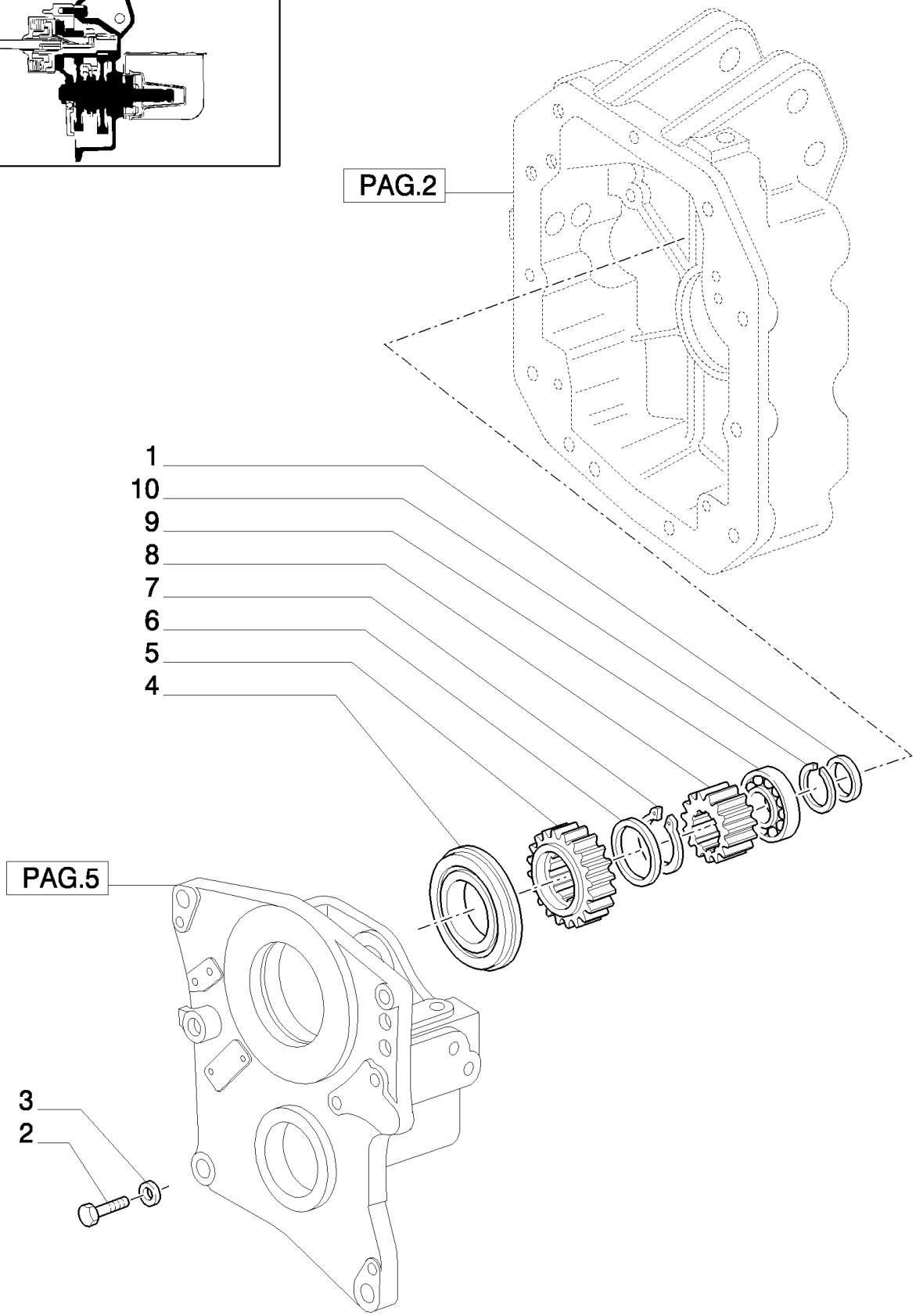
1.80.1/01(02) POWER TAKE-OFF 750/1000 RPM

Ref	Part Number	Qty	Description
1	5196862	1	HOUSING, Incl. 17, -C4943
1	47132057	1	HOUSING, Incl. 19, D4943-ACM252702
1	87358975	1	HOUSING, , ASN ACM252703
2	15981121	14	BOLT, Hex, M16 x 1.5 x 60, 8.8, Full Thd,
3	11306924	2	BOLT, Hex, M10 x 1.25 x 30, 8.8, Full Thd,
4	10259960	1	WASHER, SEALING, M18.3 x 24 x 1.5,
5	5159011	1	PAWL,
6	4994342	2	SPRING,
7	5182673	1	CASE,
8	20063390	1	BALL,
9	5182677	1	YOKE,
10	14457281	1	O-RING, -114, Cl 7, .612" ID x .103" Thk,
11	5182672	1	PIN,
12	5182658	1	LEVER,
13	87339200	1	BRACKET, , ASN ACM269446
13	5199006	1	BRACKET, , BSN ACM269945
14	14607270	1	PIN, LOCK, M8 x 40, Slotted,
15	10903221	1	BOLT, Hex, M6 x 40, 8.8,
16	12574211	1	NUT, LOCK, M6 x 1, Cl 8,
17	10839710	2	DOWEL, M10X15, -C4943
18	11190574	2	WASHER, SPRING, Belleville, M10.5,
19	44908048	2	PIN, ROLL, , D4943-

D4943 After Date 11/04/03□□5196862=47132057+47132140+47131825+47125899□□D5291 Serial N. ACM252703□□D5378 Serial N. ACM269446□□□□

1.80.1/01(03) POWER TAKE-OFF 750/1000 RPM



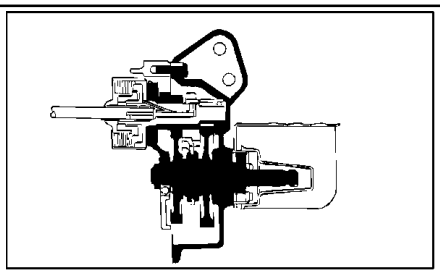


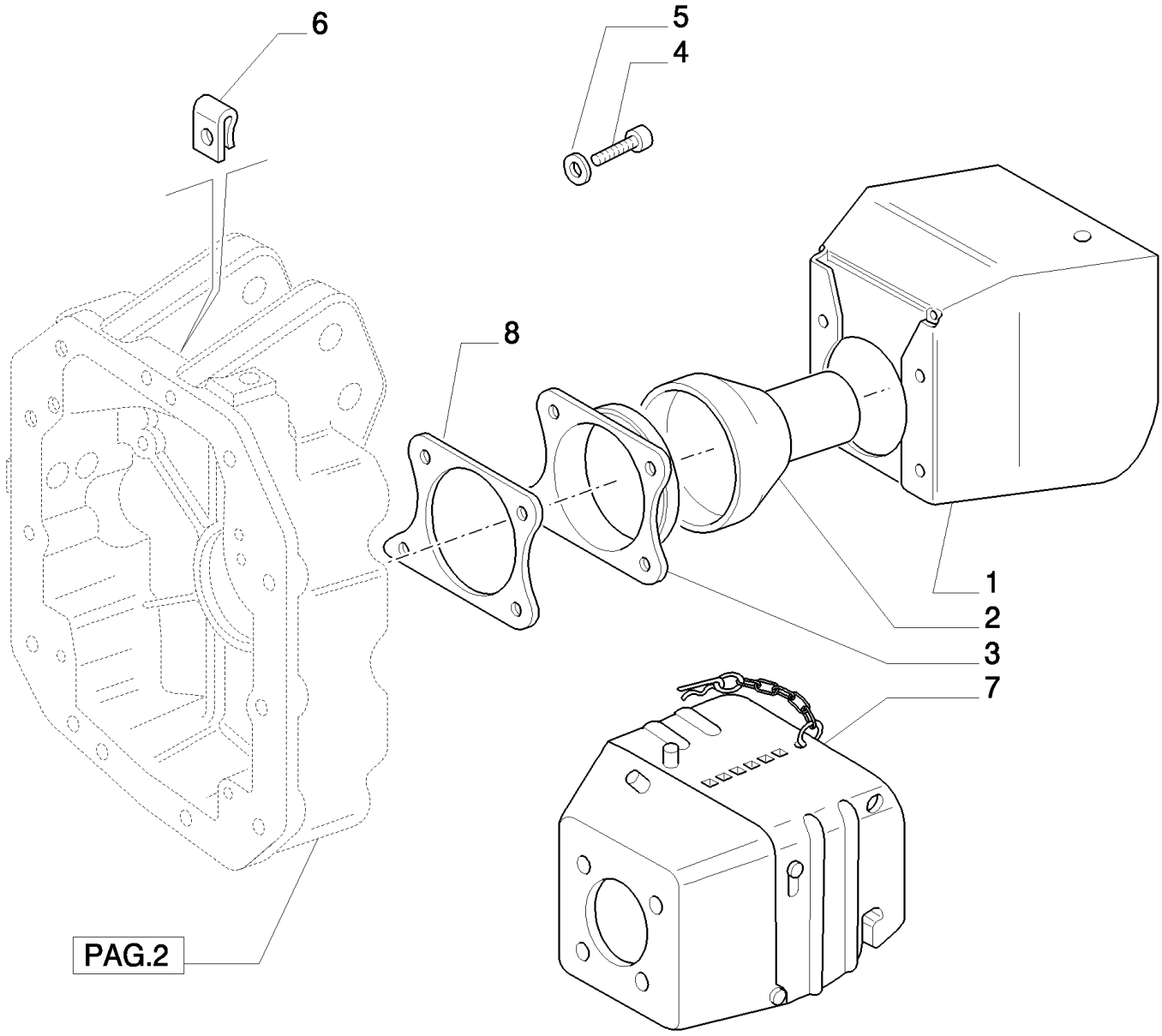
TM190 TRACTOR (6/02-) - Hydraulic System

1.80.1/01(03) POWER TAKE-OFF 750/1000 RPM

Ref	Part Number	Qty	Description
1	5154308	1	WASHER, THRUST, 35,1X43X2
2	15540724	4	BOLT, Hex, M12 x 1.25 x 45, 8.8,
3	11190774	4	WASHER, SPRING, Belleville, M13,
4	5182640	1	BEARING, BALL, 65X120X23
5	5182639	1	GEAR, DRIVING,
6	5151457	1	WASHER, THRUST,
7	5138419	1	RING, SNAP,
8	5196856	1	GEAR, DRIVING,
9	5182641	1	BEARING ASSY,
10	5154307	1	RING, LOCKING, M35

1.80.1/01(04) POWER TAKE-OFF 750/1000 RPM

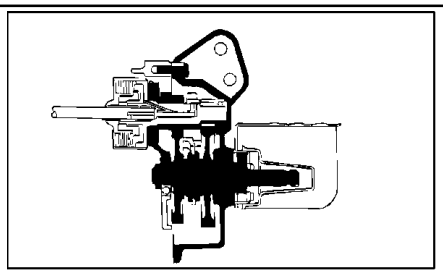


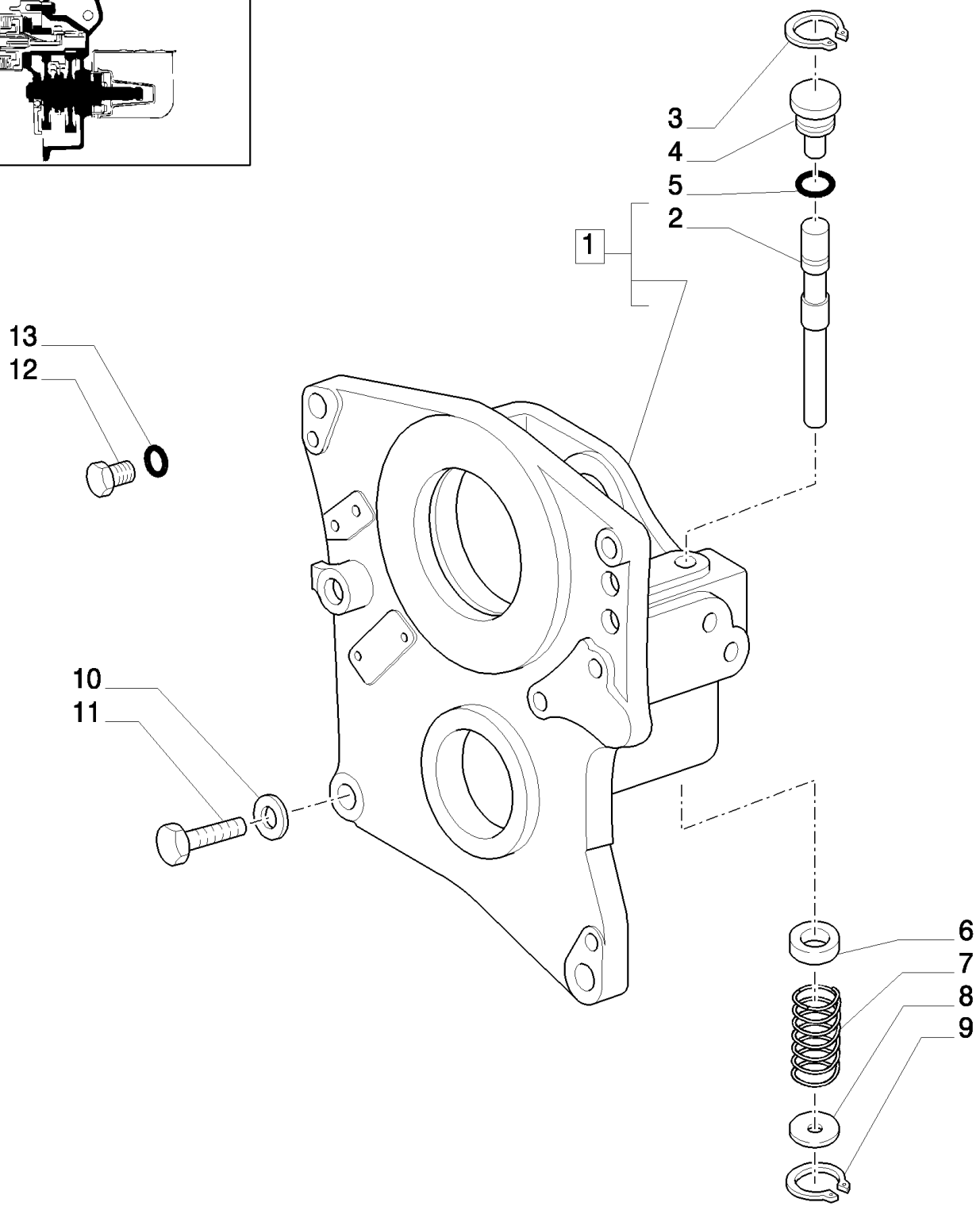


1.80.1/01(04) POWER TAKE-OFF 750/1000 RPM

Ref	Part Number	Qty	Description
1	5171516	1	SHIELD,
2	5171520	1	SHIELD,
3	5155332	1	GUARD,
4	14306424	4	SCREW, Hex Soc Hd, M8 x 25, 8.8,
5	10569374	4	WASHER, LOCK, M8
6	10449890	1	CLAMP,
7	82024034	1	SHIELD, (EQUIP. 816)
8	47131825	1	SEAL,

1.80.1/01(05) POWER TAKE-OFF 750/1000 RPM





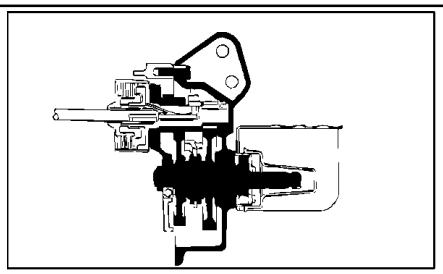
TM190 TRACTOR (6/02-) - Hydraulic System

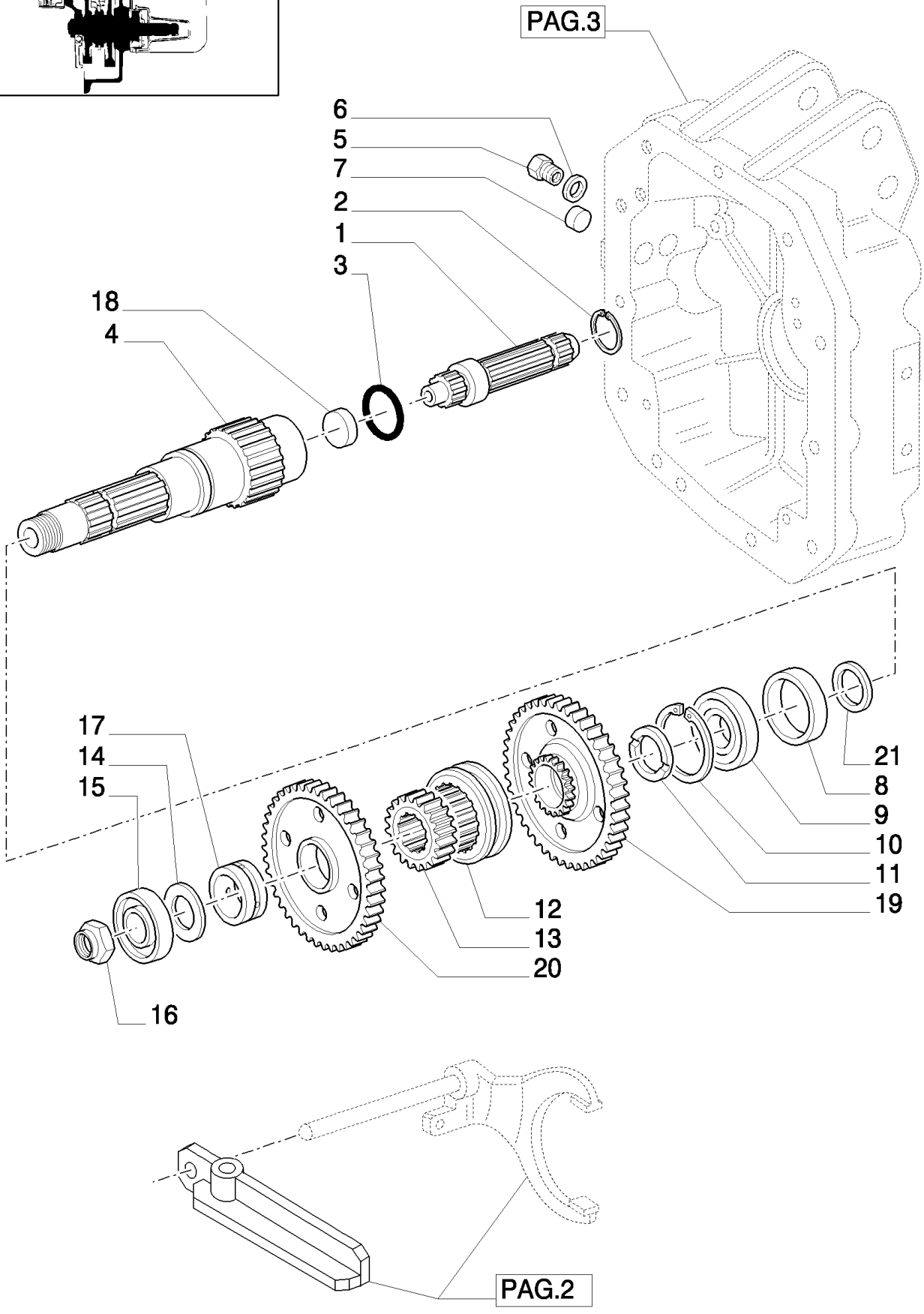
1.80.1/01(05) POWER TAKE-OFF 750/1000 RPM

Ref	Part Number	Qty	Description
1	5196031	1	SUPPORT, , -C4943
1	47132140	1	SUPPORT, , D4943-C4943
2	82990908	1	VALVE, HYDRAULIC, D= 11,986/11,990 MM, -C4943
2	82990909	1	VALVE, HYDRAULIC, D= 11,991/11,995 MM, -C4943
2	82990910	1	VALVE, HYDRAULIC, D= 11,996/12,000 MM, -C4943
2	82990911	1	VALVE, HYDRAULIC, D= 12,000/12,005 MM, -C4943
2	47128616	1	VALVE, , D4943-
3	11057876	1	RING, SNAP, M20, Int,
4	5196030	1	PIN,
5	14453181	1	O-RING, -014, Cl 7, .489" ID x .070" Thk,
6	5196032	1	SPACER,
7	47123788	1	SPRING,
8	5196034	1	CUP,
9	11057476	1	RING, SNAP, M16, Int,
10	11190774	4	WASHER, SPRING, Belleville, M13,
11	15540724	4	BOLT, Hex, M12 x 1.25 x 45, 8.8, , -C4943
11	15540924	4	BOLT, Hex, M12 x 1.25 x 55, 8.8, , D4943-
12	10118540	2	PLUG, M10 x 1 x 11, Brass,
13	14437585	2	O-RING, 8MM ID x 1.5 Thk,

D4943 After Date 11/04/03

1.80.1/03(01) (VAR.809/1) PTO 540/1000 RPM - SHAFTS AND RELEVANT PARTS





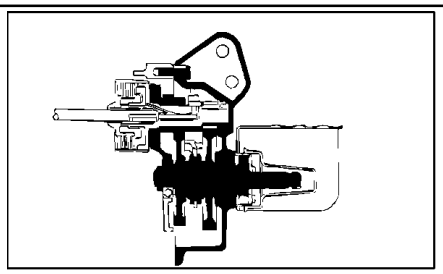
TM190 TRACTOR (6/02-) - Hydraulic System

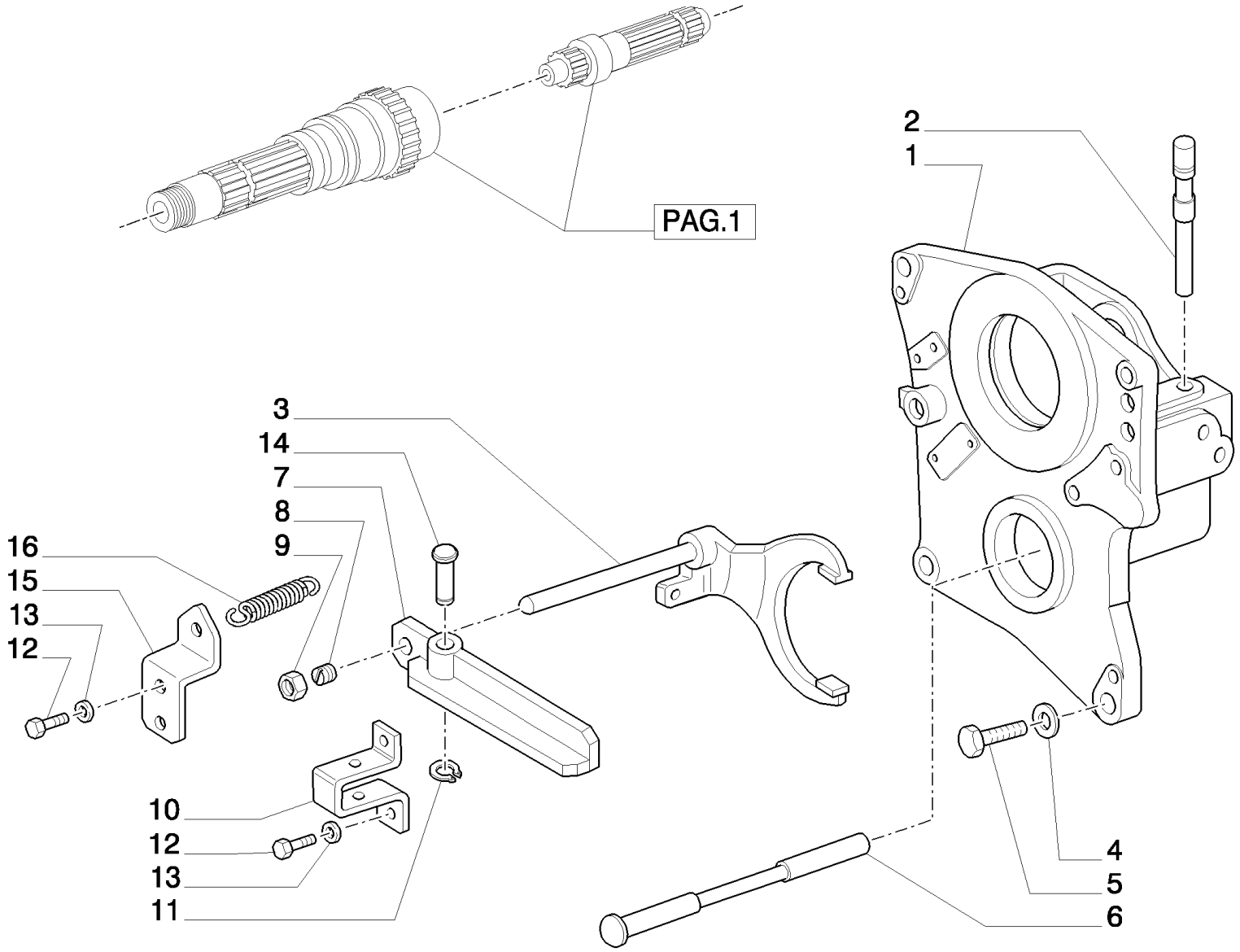
1.80.1/03(01) (VAR.809/1) PTO 540/1000 RPM - SHAFTS AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	47130743	1	SHAFT, PTO, 540 RPM
1	47130744	1	SHAFT, PTO, 1000 RPM
2	47131547	1	CIRCLIP,
3	14459881	1	SEAL,
4	5196858	1	SHAFT, , -C4943
4	47131841	1	SHAFT, , D4943-
5	10300811	1	PLUG, M18 x 1.5 x 14, Cl5.8,
6	10259960	1	WASHER, SEALING, M18.3 x 24 x 1.5,
7	14328701	1	PLUG, M20, Tapered,
8	5196487	1	SEAL, 80 x 100 x 10
9	26794680	1	BEARING, ROLLER, TAPERED, 70 x 125 x 24
10	11076176	1	RING, SNAP, M125, Int,
11	11070376	1	RING, SNAP, M70, Ext, , -C4943
11	47132124	2	RING, SNAP, D=70, D4943-
12	5145798	1	SLEEVE,
13	5145826	1	SLEEVE,
14	5182629	1	PLATE, ANTI-WRAP, 45,1X70X8
15	5182627	1	BEARING ASSY, 40X90X23
16	5123114	1	NUT, RING, M36X17
17	5151437	1	RING,
18	5179204	1	PLUG,
19	5196857	1	GEAR, 540 RPM
20	5182636	1	GEAR, DRIVING, 1000 RPM
21	47131852	1	RETAINER, D=70, D4943-

D4943 After Date 14/04/03 11070376+5196858=47132124+47131841+47131852

1.80.1/03(02) (VAR.809/1) PTO 540/1000 RPM - SUPPORT AND FORK



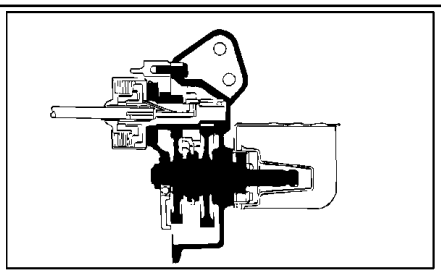


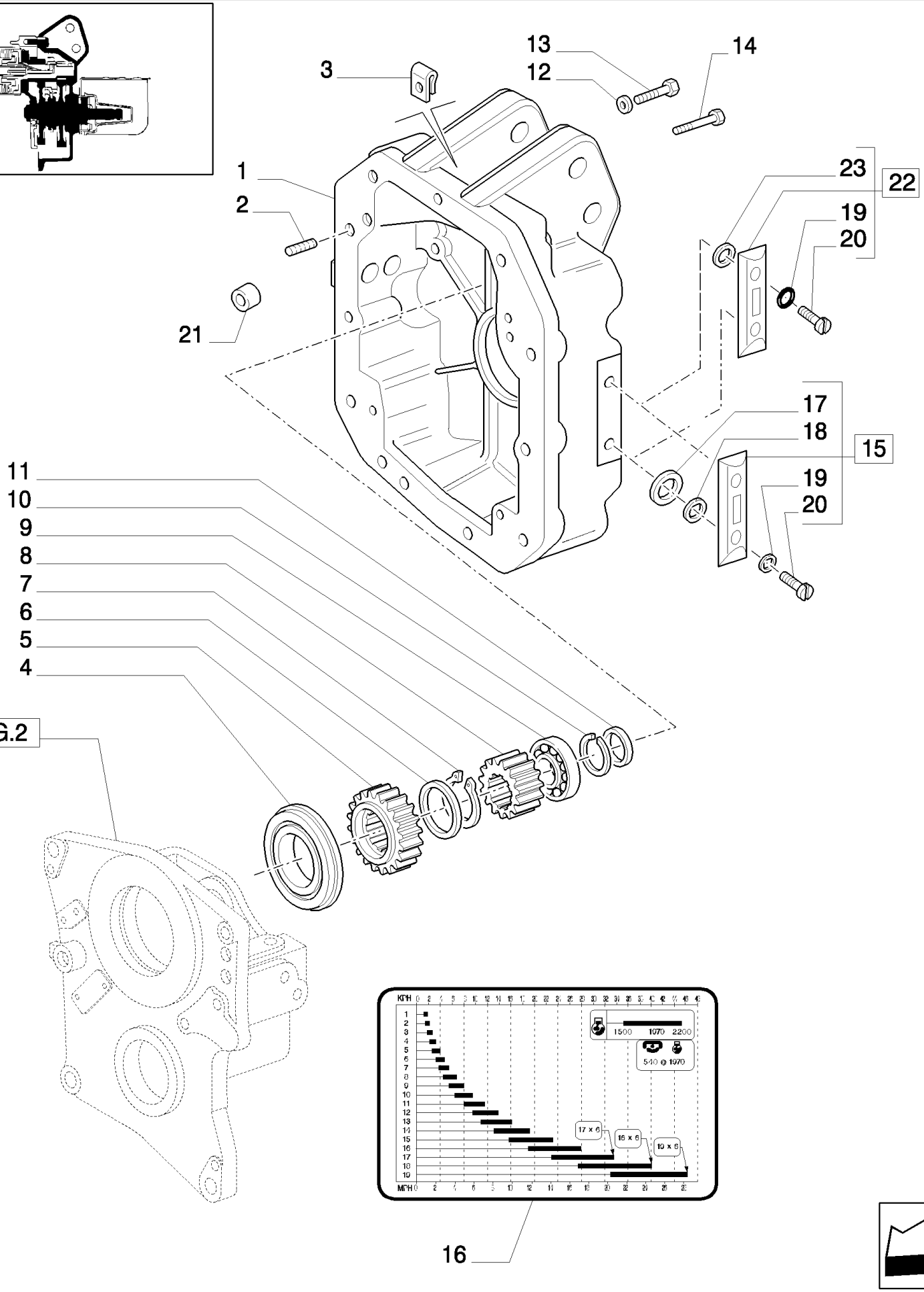
1.80.1/03(02) (VAR.809/1) PTO 540/1000 RPM - SUPPORT AND FORK

Ref	Part Number	Qty	Description
1	47127956	1	SUPPORT, , -C4943
1	47132140	1	SUPPORT, Incl. 2, D4943-
2	82990908	1	VALVE, HYDRAULIC, D=11,986, -C4943
2	82990909	1	VALVE, HYDRAULIC, D=11,991, -C4943
2	82990910	1	VALVE, HYDRAULIC, D=11,996, -C4943
2	82990911	1	VALVE, HYDRAULIC, D=12,000, -C4943
2	47128616	1	VALVE, , D4943-
3	5182695	1	YOKE,
4	11190771	4	WASHER, D=12
5	15540724	4	BOLT, Hex, M12 x 1.25 x 45, 8.8, , -C4943
5	15540924	4	BOLT, Hex, M12 x 1.25 x 55, 8.8, , D4943-
6	5196863	1	PIN,
7	5171261	1	LEVER,
8	5171363	1	PIN,
9	16103614	1	NUT, Thin, M12 x 1.25, Cl 04,
10	5179750	1	SUPPORT,
11	11065976	1	RING, SNAP, M10, Ext,
12	14305724	4	SCREW, Hex Soc Hd, M6 x 14, 8.8,
13	11197774	4	WASHER, SPRING, Belleville, M6.4,
14	5179749	1	PIN,
15	87345949	1	SUPPORT,
16	4983677	1	SPRING,

D4943 After Date 11/04/03

1.80.1/03(03) (VAR.809/1) PTO 540/1000 RPM - BOX AND RELEVANT GEARS





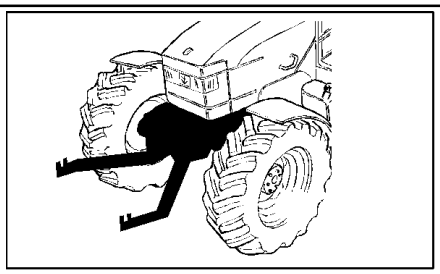
D4943 After Date 11/04/03 5196862=47132057+47132140+47131825+47125899 D5291 Serial N.ACM252703 D5171 After Date 03 March 2006

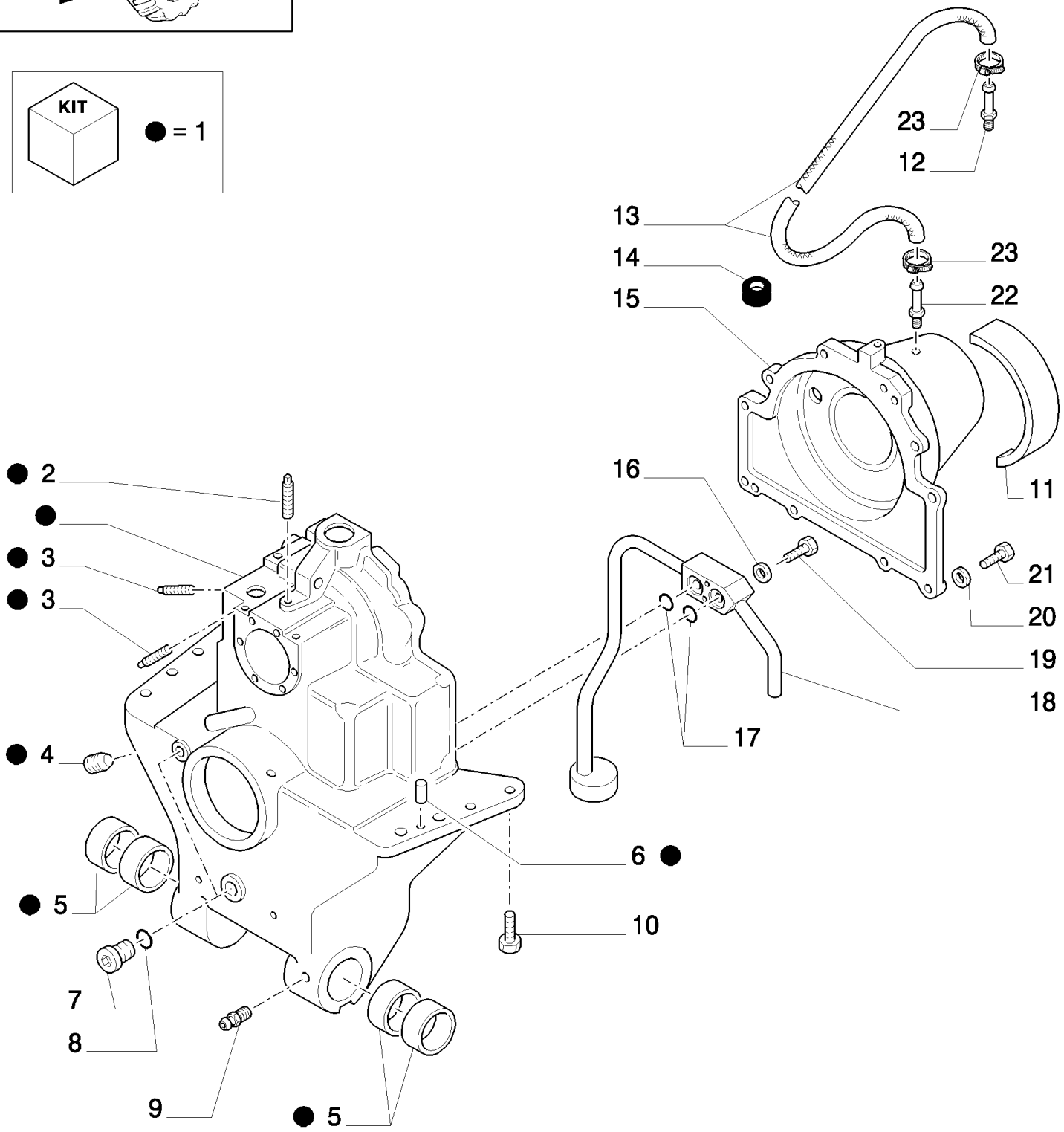
1.80.1/03(03) (VAR.809/1) PTO 540/1000 RPM - BOX AND RELEVANT GEARS

Ref	Part Number	Qty	Description
1	5196861	1	GEARBOX, Incl. 2, -C4943
1	47132057	1	HOUSING, Incl. 21, D4943-ACM252702
1	87358975	1	HOUSING, , ASN ACM252703
2	10839710	2	DOWEL, M10X15, -C4943
3	10449890	1	CLAMP,
4	5182640	1	BEARING, BALL, 65X120X23
5	5182639	1	GEAR, DRIVING, 1000 RPM
6	5151457	1	WASHER, THRUST, D=50,1X62X2
7	5138419	1	RING, SNAP, D=45,8
8	5182638	1	GEAR, 540 RPM
9	5182641	1	BEARING ASSY, 35X80X21
10	5154307	1	RING, LOCKING, M35
11	5154308	1	WASHER, THRUST, 35,1X43X2
12	10569374	4	WASHER, LOCK, M8
13	14306824	4	SCREW, Hex Soc Hd, M8 x 45, 10.9,
14	15981121	14	BOLT, Hex, M16 x 1.5 x 60, 8.8, Full Thd,
15	47124536	1	INDICATOR, Assy, -C5171
16	82023827	1	DECAL,
17	47130061	1	WASHER, , -C5171
18	47130190	2	GASKET, , -C5171
19	47130060	2	GASKET,
20	47130059	2	SCREW,
21	44908048	2	PIN, ROLL, , D4943-
22	87348844	1	INDICATOR, , D5171-
23	87349969	2	GASKET, , D5171-

D4943 After Date 11/04/03□5196862=47132057+47132140+47131825+47125899□D5291 Serial N.ACM252703□D5171 After Date 03 March 2006□

1.80.5(01) (VAR.780-781) LIFT AND FRONT PTO (6 -21 SPLINES) CCLS - POWER TAKE OFF BOX

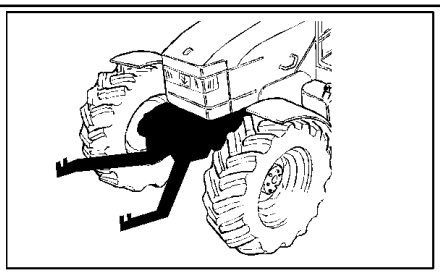


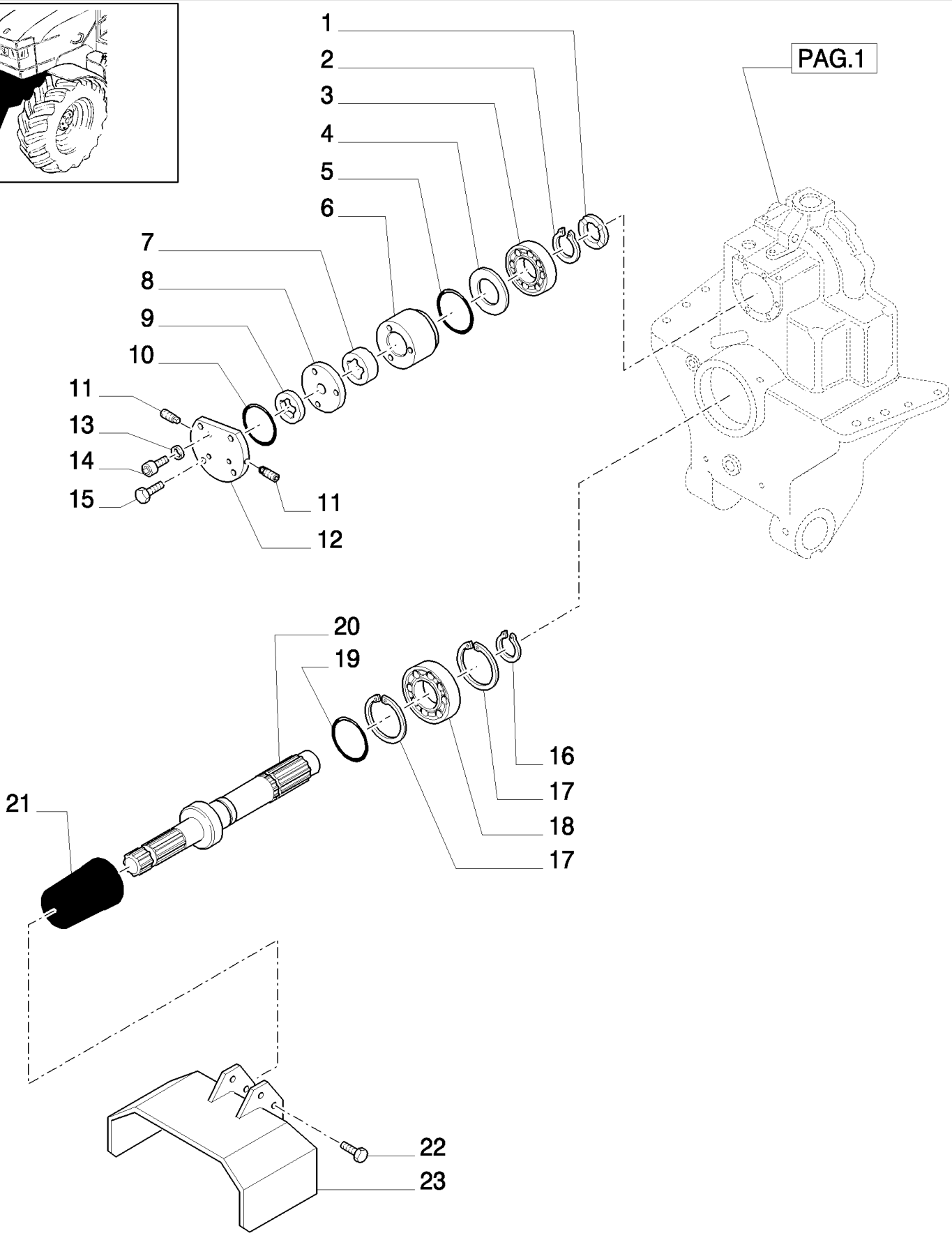


1.80.5(01) (VAR.780-781) LIFT AND FRONT PTO (6 -21 SPLINES) CCLS - POWER TAKE OFF BOX

Ref	Part Number	Qty	Description
1	82024068	1	HOUSING,
2	10269150	1	PLUG, M6X1
3	10269350	7	PLUG, M10X1,25
4	10269404	2	PLUG, M12 x 1.5
5	5165094	4	BUSHING,
6	10837710	2	DOWEL, M10 x 25,
7	10118811	2	PLUG, M22 x 1.5 x 14, Cl5.8,
8	14438085	2	O-RING, 19.3MM ID x 2.4 Thk,
9	13407811	2	NIPPLE, LUBE,
10	82020153	8	SCREW, Self Locking, M20 x 2.5 x 58, 12.9
11	5180127	1	GASKET,
12	5171030	1	CONNECTOR, HYD.,
13	5180263	1	HOSE, FLEXIBLE, , BSN ACM258608
13	87364774	1	PIPE, 3200 MM, ASN ACM258609
14	10403780	1	RING, INSULATING,
15	5171038	1	COVER,
16	11197774	2	WASHER, SPRING, Belleville, M6.4,
17	14456981	2	O-RING, -111, Cl 7, .424" ID x .103" Thk,
18	5167892	1	TUBE, RIGID,
19	10902824	2	BOLT, Hex, M6 x 30, 8.8,
20	11193874	10	WASHER, SPRING, Belleville, M8.4,
21	16043824	10	BOLT, Hex, M8 x 30, 8.8, Full Thd,
22	82016971	1	CONNECTOR, HYD.,
23	82039341	2	CLAMP, HOSE,

1.80.5(02) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 -21 SPLINES) CCLS - POWER TAKE OFF SHAFT

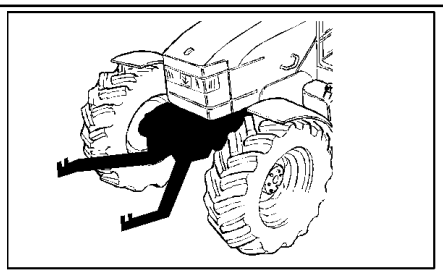


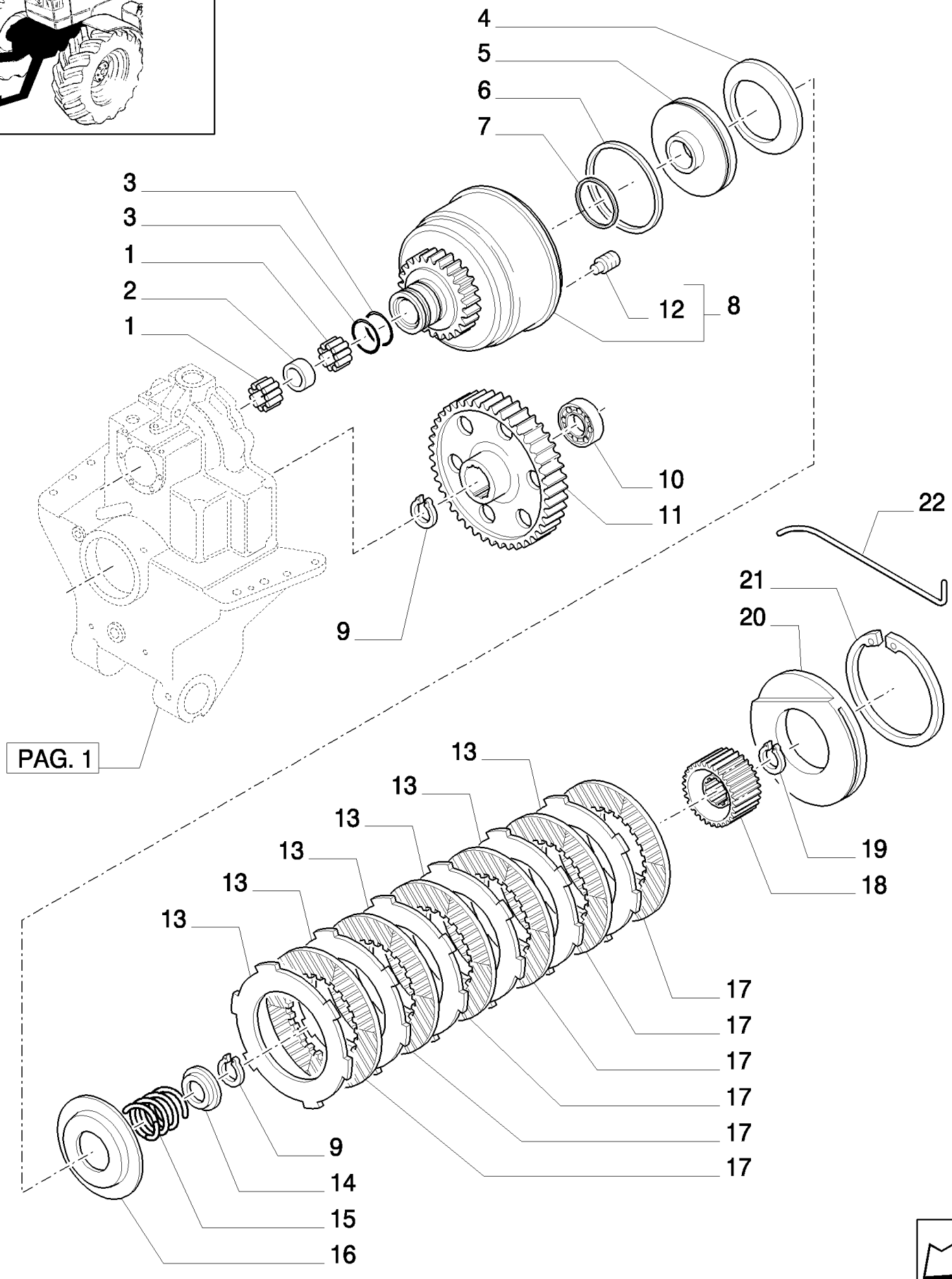


1.80.5(02) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 -21 SPLINES) CCLS - POWER TAKE OFF SHAFT

Ref	Part Number	Qty	Description
1	5167802	1	PLATE, ANTI-WRAP,
2	11068376	1	RING, SNAP, M35, Ext,
3	20705250	1	BEARING, BALL, 35X2X17
4	5171029	1	WASHER, THRUST,
5	14460080	1	O-RING, -142, 90 Duro, 2.362" ID x .103" Thk,
6	5171041	1	SEAT/SLOT,
7	5167911	1	ROTOR,
8	5171043	1	CAP, WASHER,
9	5167910	1	ROTOR,
10	14460580	1	O-RING, -147, 90 Duro, 2.675" ID x .103" Thk,
11	10269150	2	PLUG, M6X1
12	5171049	1	FLANGE,
13	5162313	3	WASHER, SEALING,
14	14305524	3	SCREW, Hex Soc Hd, M6 x 30, 8.8,
15	10902524	4	BOLT, Hex, M6 x 22, 8.8, Full Thd,
16	11069376	1	RING, SNAP, M50, Ext,
17	11062476	2	RING, SNAP, M90, Int,
18	26794660	1	BEARING, BALL, 50X90X20
19	5112290	1	GASKET,
20	5173722	1	SHAFT DRIVEN, 1000 RPM, 21 TEETH, (VAR.780)
20	5173721	1	SHAFT DRIVEN, 540 RPM, 6 TEETH, (VAR.781)
21	5165104	1	SHIELD,
22	15970424	4	BOLT, Hex, M10 x 1.25 x 18, 8.8, Full Thd,
23	82037039	1	SHIELD,

1.80.5(03) (VAR.780-781) LIFT AND FRONT PTO (6 -21 SPLINES) CCLS - CLUTCH COVER PLATE AND RELEVANT PARTS



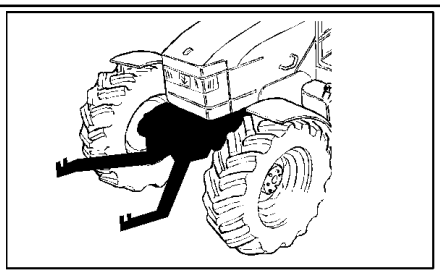


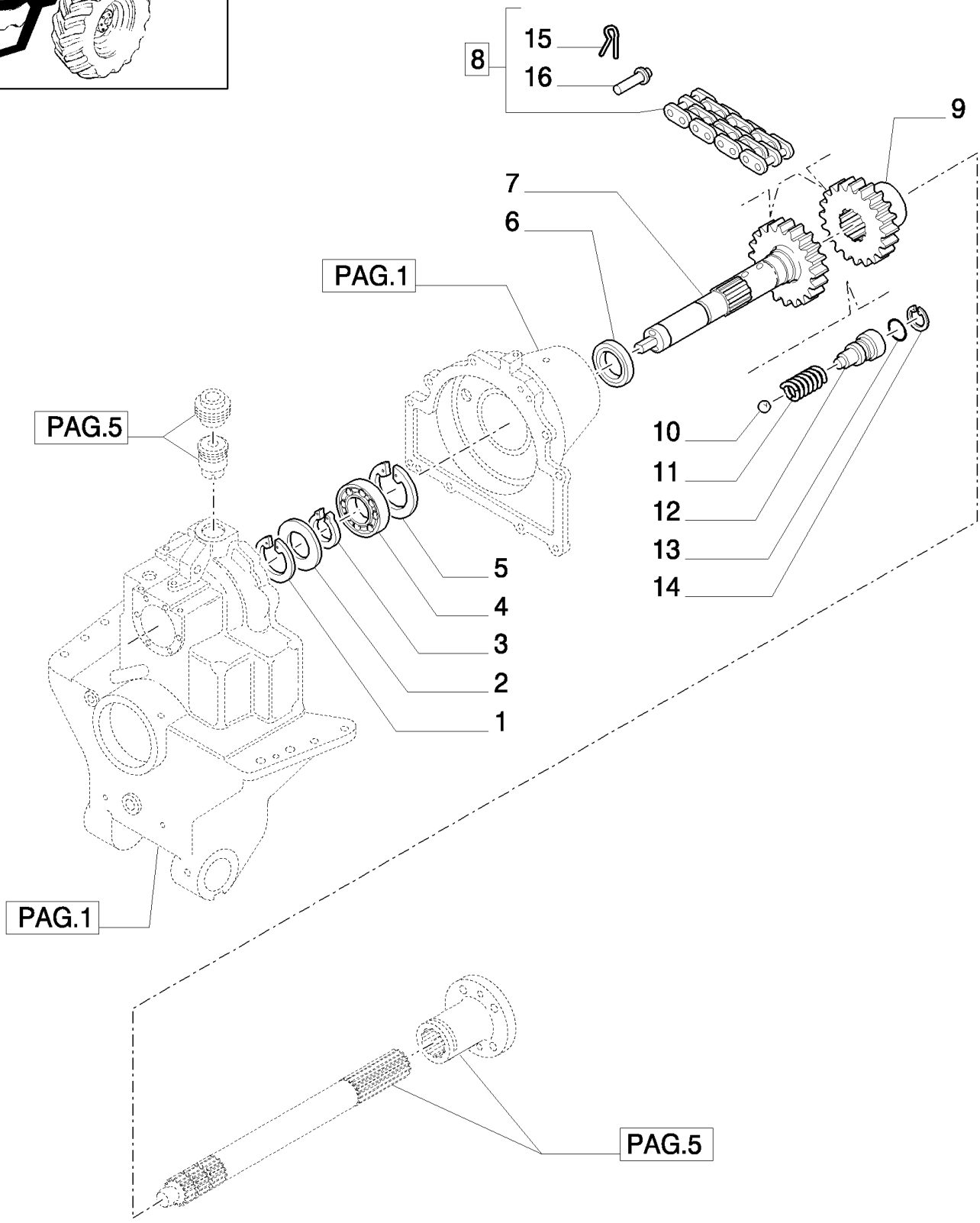
TM190 TRACTOR (6/02-) - Hydraulic System

1.80.5(03) (VAR.780-781) LIFT AND FRONT PTO (6 -21 SPLINES) CCLS - CLUTCH COVER PLATE AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	5119556	2	BEARING ASSY, 35X42X20
2	5171031	1	SPACER,
3	83911795	2	SEAL,
4	5171035	1	SPRING,
5	5179025	1	PISTON,
6	5143775	1	SEAL,
7	5137564	1	SLIPPER,
8	5185545	1	BELL HOUSING,
9	11069276	4	RING, SNAP, M48, Ext,
10	20915780	1	BEARING, BALL, 40 x 80 x 18
11	5173737	1	GEAR, DRIVEN,
12	5171508	1	RESTRICTOR,
13	5163840	6	PLATE, DRIVE,
14	5171573	1	CAP, WASHER,
15	5140906	1	SPRING,
16	5171048	1	CAP, WASHER,
17	5158919	6	DISC,
18	5171046	1	HUB,
19	11068876	1	RING, SNAP, M40, Ext,
20	5181016	1	DISC,
21	5179073	1	RING, LOCKING,
22	5179138	1	WIRE, RETAINING,

1.80.5(04) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 -21 SPLINES) CCLS - DRIVE SHAFT AND RELEVANT PARTS

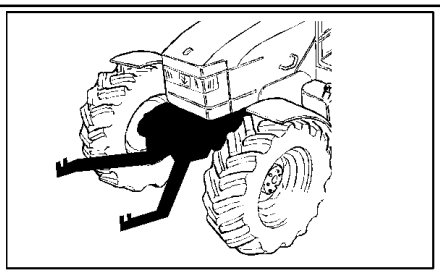


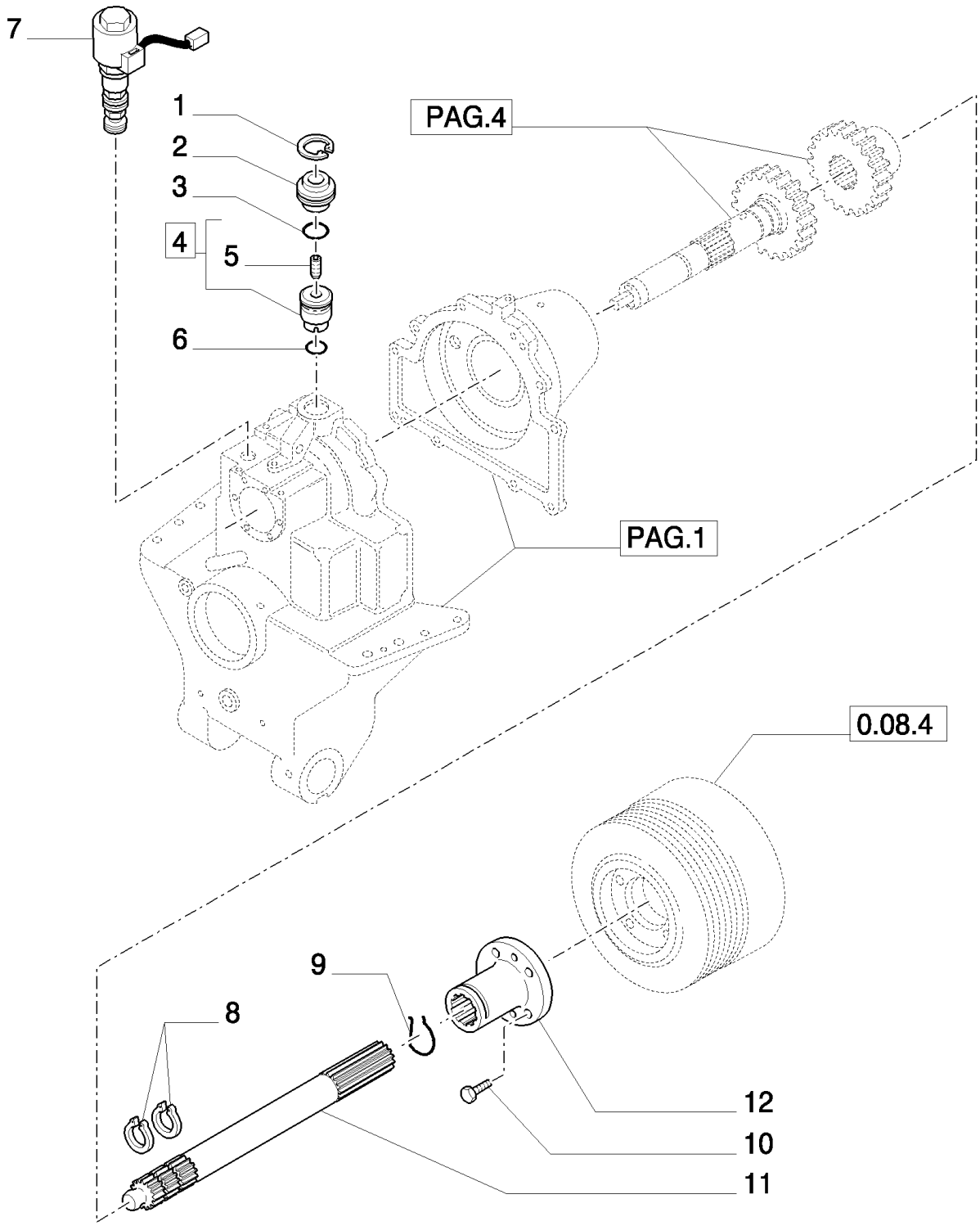


1.80.5(04) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 -21 SPLINES) CCLS - DRIVE SHAFT AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	11061876	1	RING, SNAP, M78, Int,
2	5171034	1	CAP, WASHER,
3	11068876	1	RING, SNAP, M40, Ext,
4	28042480	1	BEARING, BALL, 40 x 68 x 15
5	11061376	1	RING, SNAP, M68, Int,
6	5105948	1	SEAL, 45X68X12
7	5171045	1	SHAFT, MAIN,
8	5165823	1	CHAIN,
9	5171535	1	GEAR, DRIVING,
10	20063510	1	BALL, 9/16
11	5171032	1	SPRING,
12	5171033	1	PLUG,
13	14456981	1	O-RING, -111, Cl 7, .424" ID x .103" Thk,
14	11057876	1	RING, SNAP, M20, Int,
15	5179524	1	PIN, SPLIT (COTTER),
16	5179522	1	PIN,

1.80.5(05) (VAR.780-781) LIFT AND FRONT PTO (6 - 21 SPLINES) CCLS - TRANSMISSION SHAFT AND POWER TAKE OFF

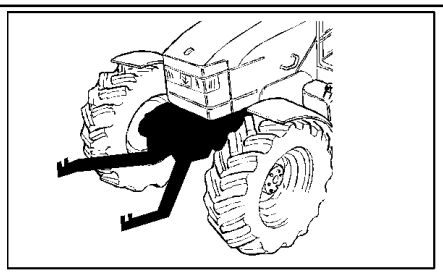


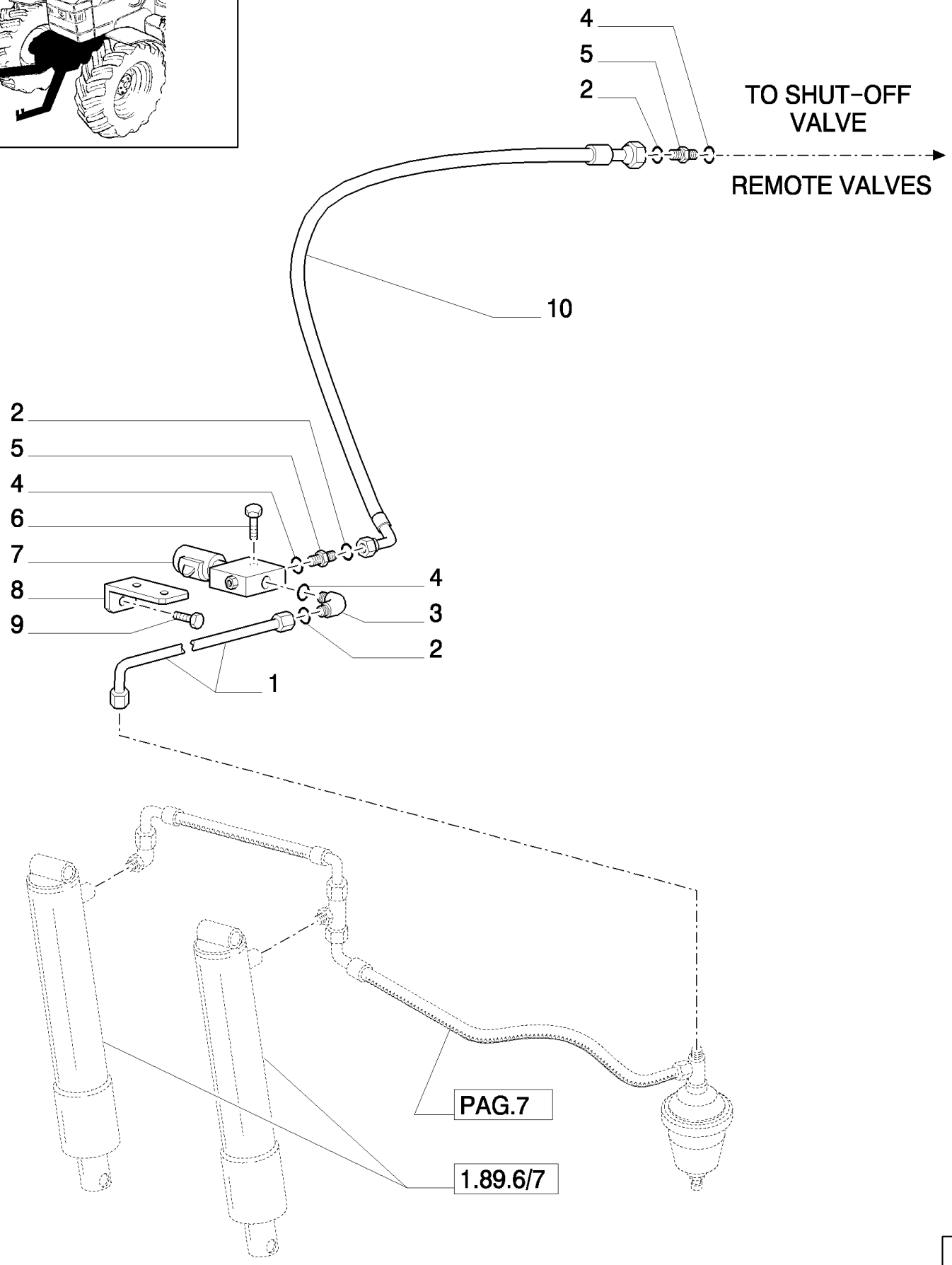


1.80.5(05) (VAR.780-781) LIFT AND FRONT PTO (6 - 21 SPLINES) CCLS - TRANSMISSION SHAFT AND POWER TAKE OFF

Ref	Part Number	Qty	Description
1	11059476	1	RING, SNAP, M35, Int,
2	5167804	1	PLUG,
3	14458180	1	O-RING, -123, 70 Duro, 1.174" ID x .103" Thk,
4	5173978	1	PLUNGER,
5	5171509	1	SET SCREW, Hex Soc, M8 x 10, Cup Pt,
6	14463281	1	O-RING, -214, Cl 7, .984" ID x .139" Thk,
7	82011026	1	ELECTRO-VALVE,
8	11068376	2	RING, SNAP, M35, Ext,
9	5171525	1	CIRCLIP,
10	15540424	4	BOLT, Hex, M12 x 1.25 x 30, 8.8, Full Thd,
11	82022727	1	SHAFT, PROPELLOR, LENGTH=MM.343
11	82019065	1	SHAFT DRIVEN, LENGTH=MM.383, W/4WD axle w/suspension
12	5186931	1	SLEEVE,

1.80.5(06) (VAR.780-781) LIFT AND FRONT PTO (6 - 21 SPLINES) CCLS - VALVE AND PIPES



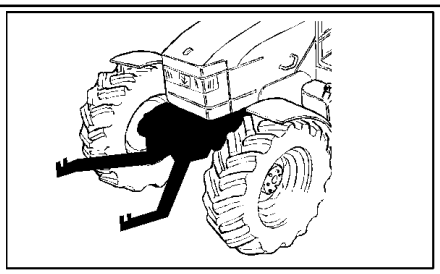


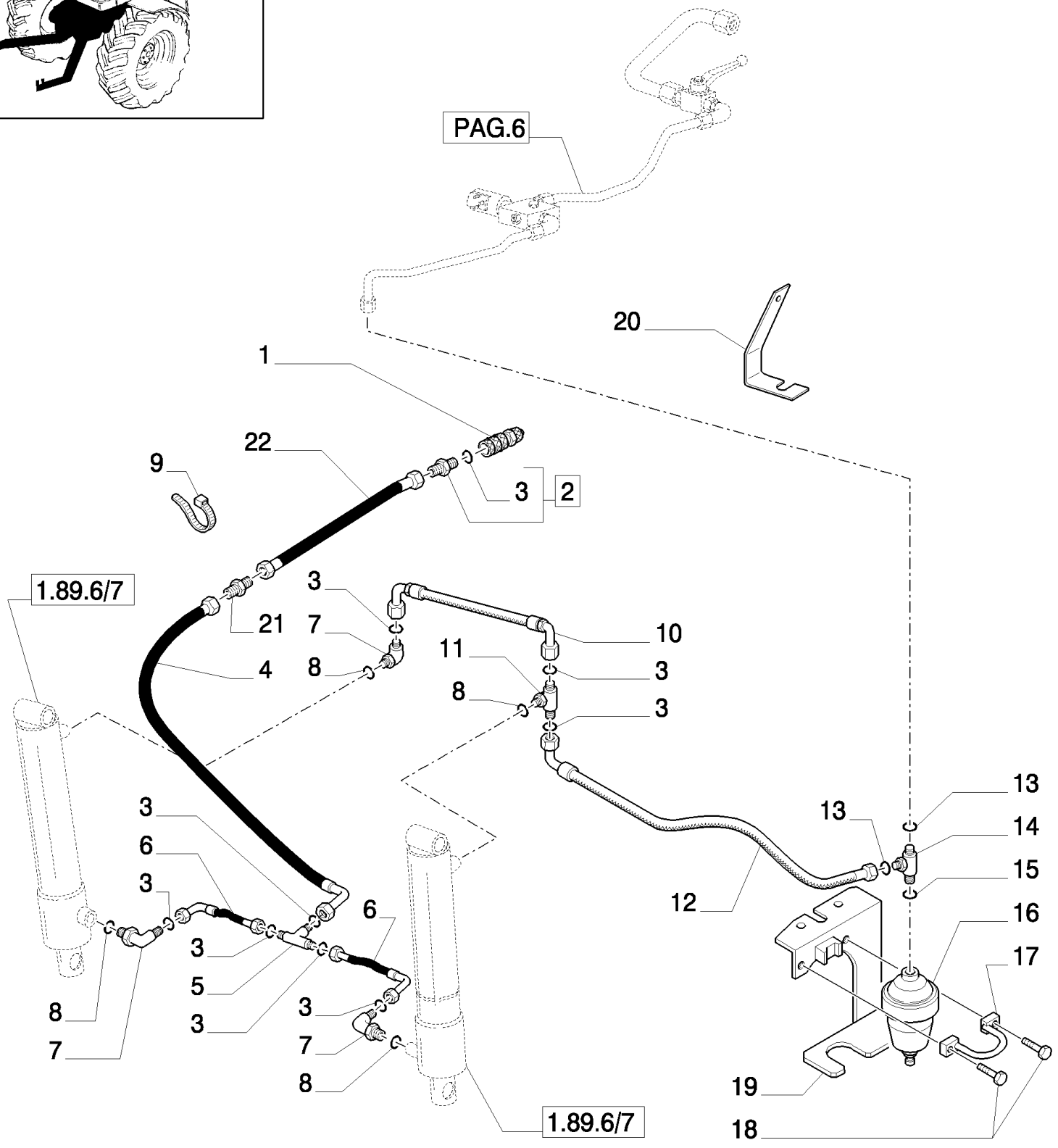
TM190 TRACTOR (6/02-) - Hydraulic System

1.80.5(06) (VAR.780-781) LIFT AND FRONT PTO (6 - 21 SPLINES) CCLS - VALVE AND PIPES

Ref	Part Number	Qty	Description
1	82026039	1	TUBE, RIGID, TM120, TM130, TM140, TM155
1	82028008	1	TUBE, RIGID, TM175, TM190
2	5185512	3	O-RING, 15,6 ID x 1,78 Thk
3	5185563	1	CONNECTOR, HYD.,
4	5135738	3	O-RING, -115, Cl 9, .674" ID x .103" Thk,
5	5185524	2	CONNECTOR, HYD.,
6	10903424	2	BOLT, Hex, M6 x 45, 8.8,
7	5141295	1	VALVE, HYDRAULIC,
8	82004159	1	SUPPORT, TM120, TM130, TM140, TM155
8	82027925	1	BRACKET, TM175, TM190
9	16207524	1	SCREW,
10	82027629	1	HOSE, FLEXIBLE,

1.80.5(07) (VAR.780-781) LIFT AND FRONT PTO (6 - 21 SPLINES) CCLS - BATTERY AND PIPES



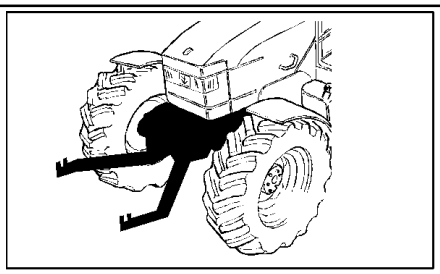


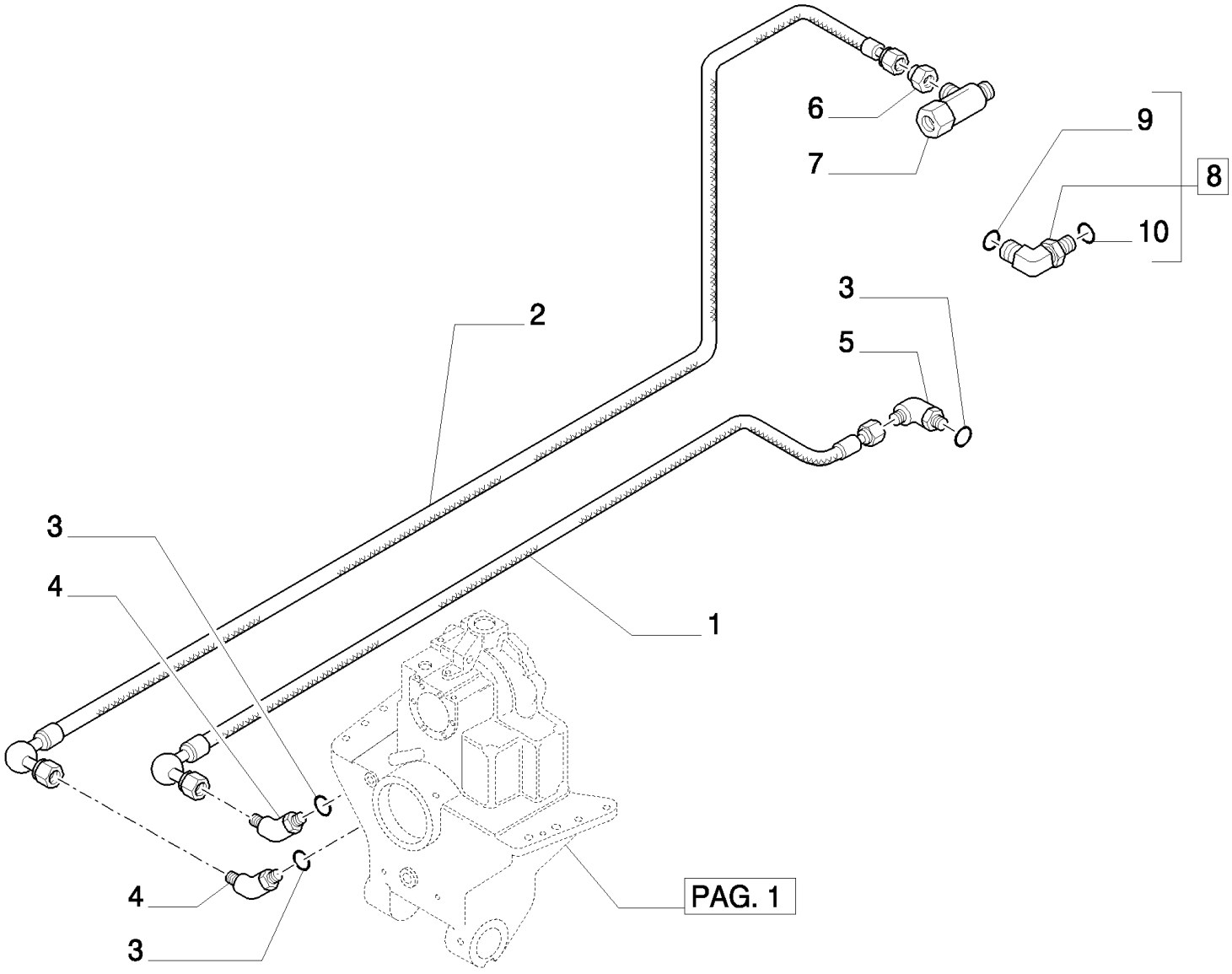
TM190 TRACTOR (6/02-) - Hydraulic System

1.80.5(07) (VAR.780-781) LIFT AND FRONT PTO (6 - 21 SPLINES) CCLS - BATTERY AND PIPES

Ref	Part Number	Qty	Description
1	E8NNB964BA	1	COUPLING,
2	82015960	1	CONNECTOR, HYD., Incl. Ref. 3,11/16,16
3	5185510	12	O-RING, 1,78 x 9,25
4	82027628	1	HOSE, FLEXIBLE, 11/16"-16, LENGTH=1500MM
5	82015685	1	CONNECTOR, HYD.,
6	82015687	2	HOSE, FLEXIBLE, 11/16"-16, LENGTH=240MM
7	82015686	3	ELBOW, 11/16"-16, M16X1,5, Incl. Ref. 3,8
8	14437885	7	O-RING, 13.3MM ID x 2.4 Thk,
9	263117	10	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
10	82033663	1	HOSE, FLEXIBLE,
11	82016863	1	CONNECTOR, HYD., M16X1,5, 11/16"-16, Incl. Ref. 3,8
12	87302067	1	HOSE, FLEXIBLE, 1" -14, 11/16"-16, LENGTH=1425MM
13	5185512	3	O-RING, 15,6 ID x 1,78 Thk
14	5185569	1	CONNECTOR, HYD., 1/2-14, 1" -14, Incl. Ref. 13,15
15	5135738	1	O-RING, -115, Cl 9, .674" ID x .103" Thk,
16	82007621	1	ACCUMULATOR,
17	82008081	1	CLIP, HOSE,
18	82880843	2	SCREW, Cap, HH, M8 x 1.25 x 25
19	82019942	1	BRACKET,
20	82027305	1	COLLAR, RETAINER,
21	82018702	1	CONNECTOR, HYD., 11/16"-16
22	82027640	1	HOSE, FLEXIBLE, 11/16"-16, LENGTH=2850MM

1.80.5(08) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 -21 SPLINES) CCLS - PIPES

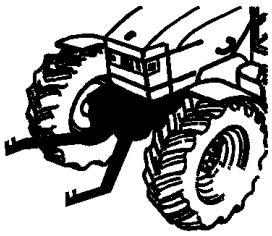


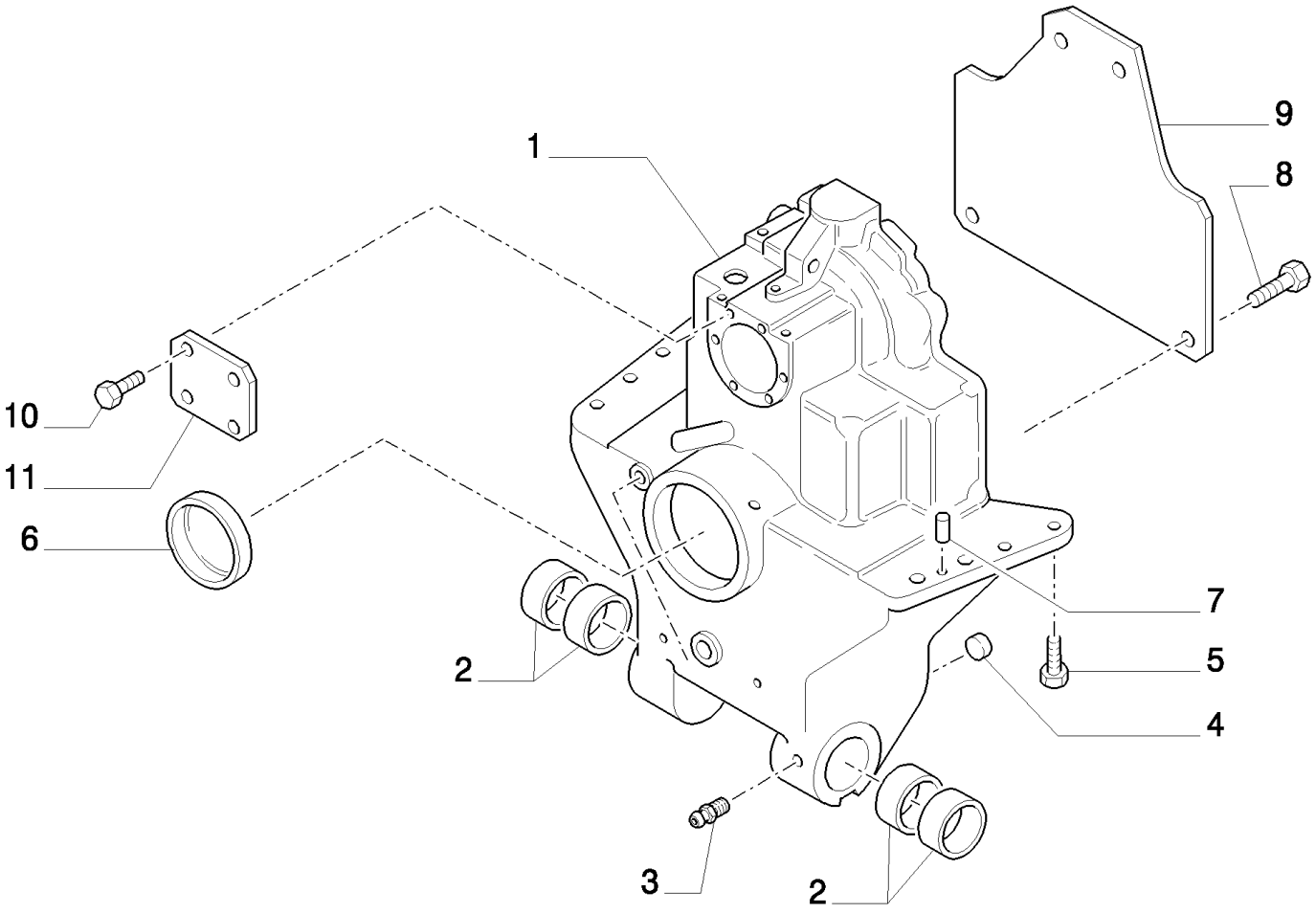


1.80.5(08) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 -21 SPLINES) CCLS - PIPES

Ref	Part Number	Qty	Description
1	82030630	1	HOSE, FLEXIBLE, LENGTH=MM2650
2	82016665	1	HOSE, FLEXIBLE, LENGTH=MM3000, TM120, TM130, TM140, TM155
2	82030631	1	HOSE, FLEXIBLE, LENGTH=MM2870, TM175, TM190
3	14437885	3	O-RING, 13.3MM ID x 2.4 Thk,
4	5169357	2	CONNECTOR, HYD.,
5	5158418	1	CONNECTOR, HYD.,
6	82018568	1	CONNECTOR, HYD., TM120, TM130, TM140, TM155
7	5158234	1	CONNECTOR, HYD., TM120, TM130, TM140, TM155
8	5194068	1	CONNECTOR, HYD., TM175, TM190
9	5185511	1	O-RING, 12.42 x 1.78
10	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,

1.80.5/01(01) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - FRONT LIFT BOX

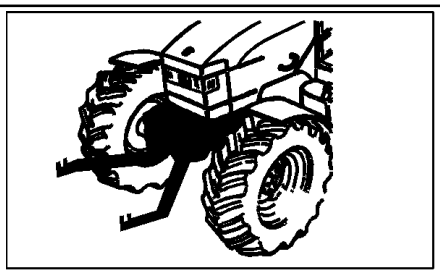


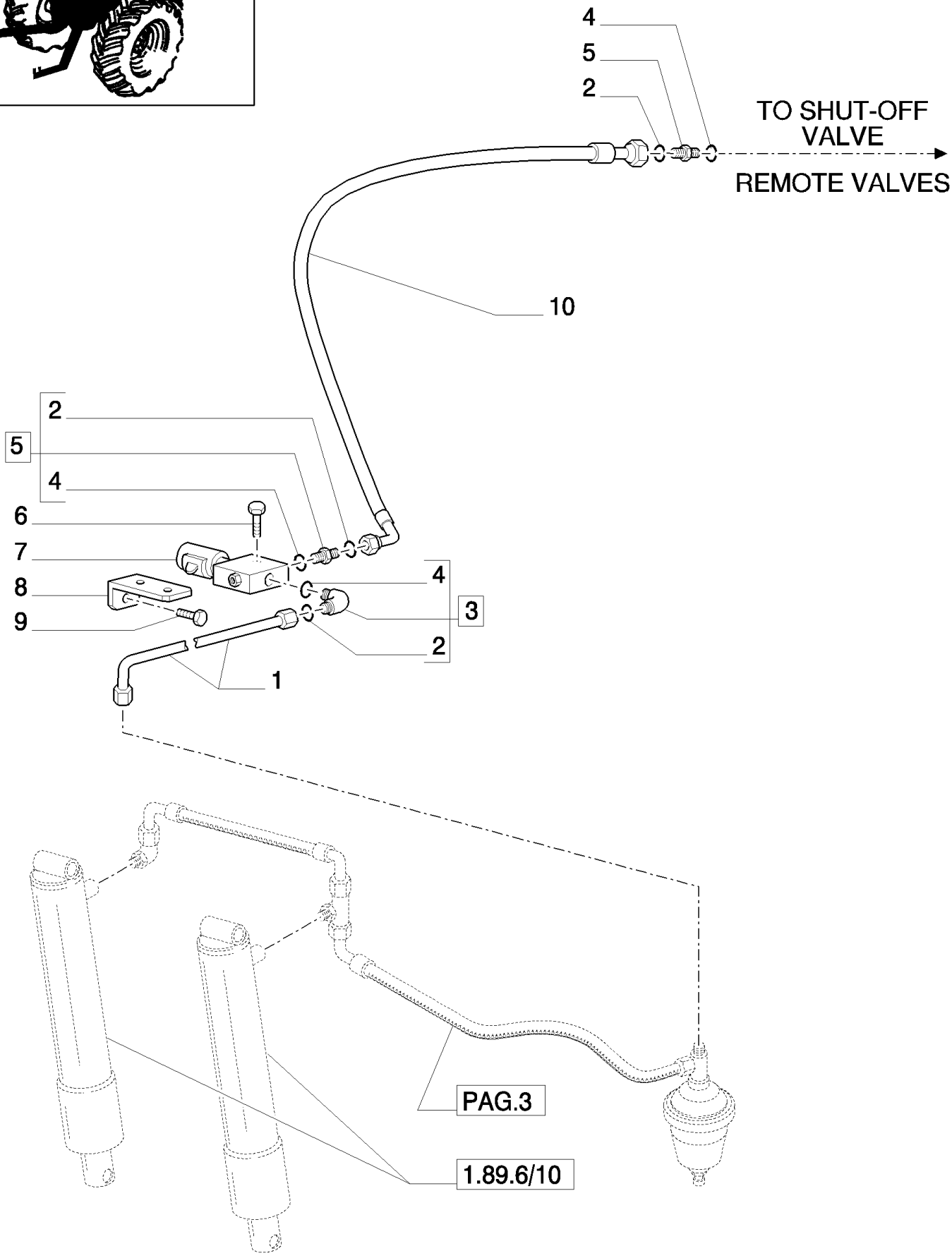


1.80.5/01(01) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - FRONT LIFT BOX

Ref	Part Number	Qty	Description
1	82024066	1	BODY, Incl. Ref. 2,3,4,6 thru 12
2	5165094	4	BUSHING,
3	13407811	2	NIPPLE, LUBE,
4	14329101	2	PLUG, M30, Tapered,
5	82020153	8	SCREW, Self Locking, M20 x 2.5 x 58, 12.9
6	5177573	1	PLUG,
7	10837710	2	DOWEL, M10 x 25,
8	16043024	4	BOLT, Hex, M8 x 12, 8.8, Full Thd,
9	5177538	1	COVER,
10	10979424	4	BOLT, Hex, M6 x 10, 8.8, Full Thd,
11	5177554	1	COVER,

1.80.5/01(02) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - VALVE AND PIPES



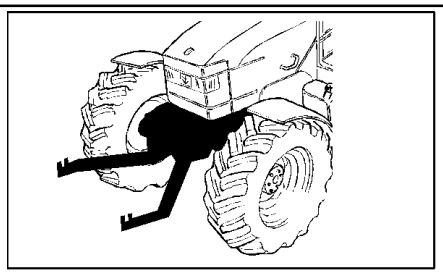


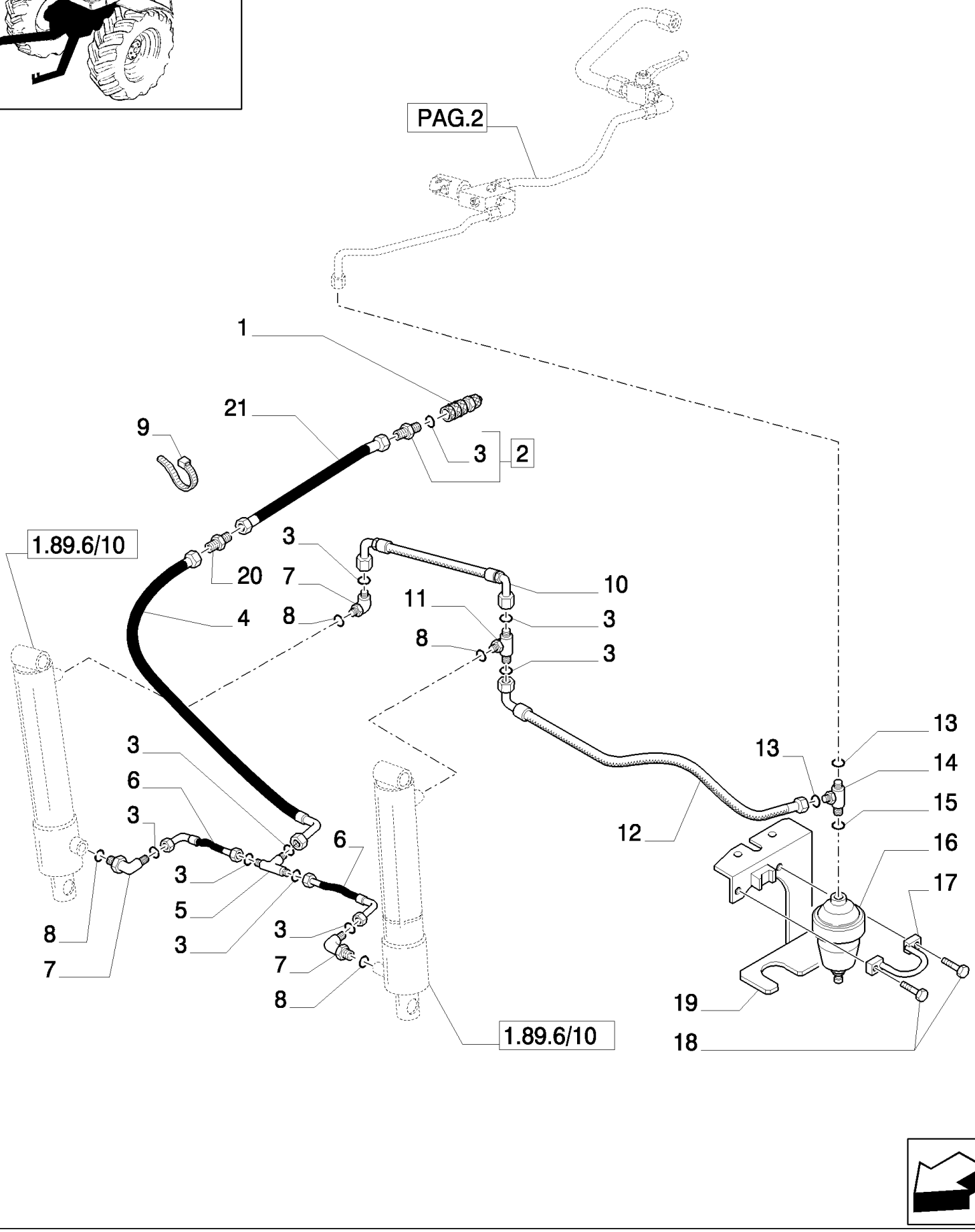
TM190 TRACTOR (6/02-) - Hydraulic System

1.80.5/01(02) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - VALVE AND PIPES

Ref	Part Number	Qty	Description
1	82026039	1	TUBE, RIGID, 1"-14, TM120, TM130, TM140, TM155
1	82028008	1	TUBE, RIGID, TM175, TM190
2	5185512	3	O-RING, 15,6 ID x 1,78 Thk
3	5185563	1	CONNECTOR, HYD.,
4	5135738	3	O-RING, -115, Cl 9, .674" ID x .103" Thk,
5	5185524	2	CONNECTOR, HYD.,
6	10903424	2	BOLT, Hex, M6 x 45, 8.8,
7	5141295	1	VALVE, HYDRAULIC,
8	82004159	1	SUPPORT, TM120, TM130, TM140, TM155
8	82027925	1	BRACKET, TM175, TM190
9	16207524	1	SCREW,
10	82027629	1	HOSE, FLEXIBLE,

1.80.5/01(03) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - ACCUMULATOR AND PIPES



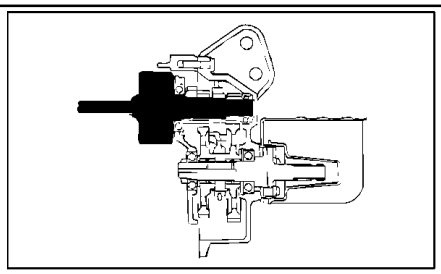


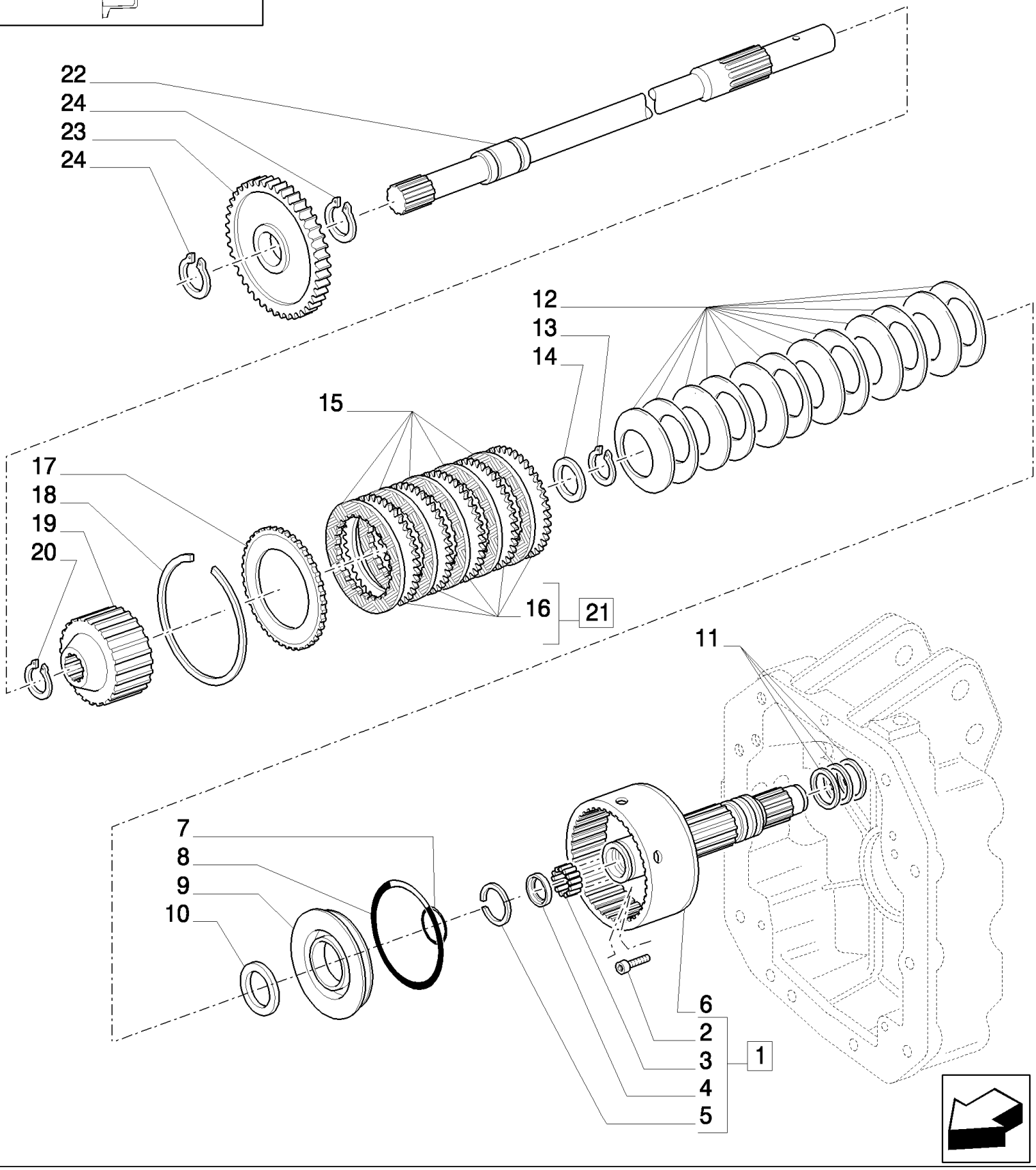
TM190 TRACTOR (6/02-) - Hydraulic System

1.80.5/01(03) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - ACCUMULATOR AND PIPES

Ref	Part Number	Qty	Description
1	E8NNB964BA	1	COUPLING,
2	82015960	1	CONNECTOR, HYD.,
4	82027628	1	HOSE, FLEXIBLE,
3	5185510	12	O-RING, 1,78 x 9,25
5	82015685	1	CONNECTOR, HYD.,
6	82015687	2	HOSE, FLEXIBLE,
7	82015686	3	ELBOW,
8	14437885	7	O-RING, 13.3MM ID x 2.4 Thk,
9	263117	10	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
10	82033663	1	HOSE, FLEXIBLE,
11	82016863	1	CONNECTOR, HYD.,
12	87302067	1	HOSE, FLEXIBLE,
13	5185512	3	O-RING, 15,6 ID x 1,78 Thk
14	5185569	1	CONNECTOR, HYD.,
15	5135738	1	O-RING, -115, Cl 9, .674" ID x .103" Thk,
16	82007621	1	ACCUMULATOR,
17	82008081	1	CLIP, HOSE,
18	82880843	2	SCREW, Cap, HH, M8 x 1.25 x 25
19	82019942	1	BRACKET,
20	82018702	1	CONNECTOR, HYD., 11/16"-16
21	82027640	1	HOSE, FLEXIBLE,

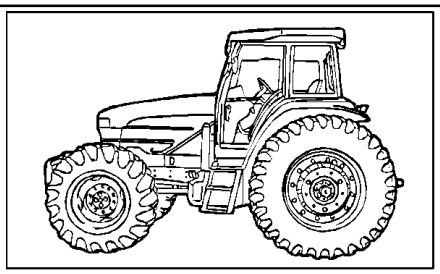
1.80.7/01(01) PTO, CLUTCH

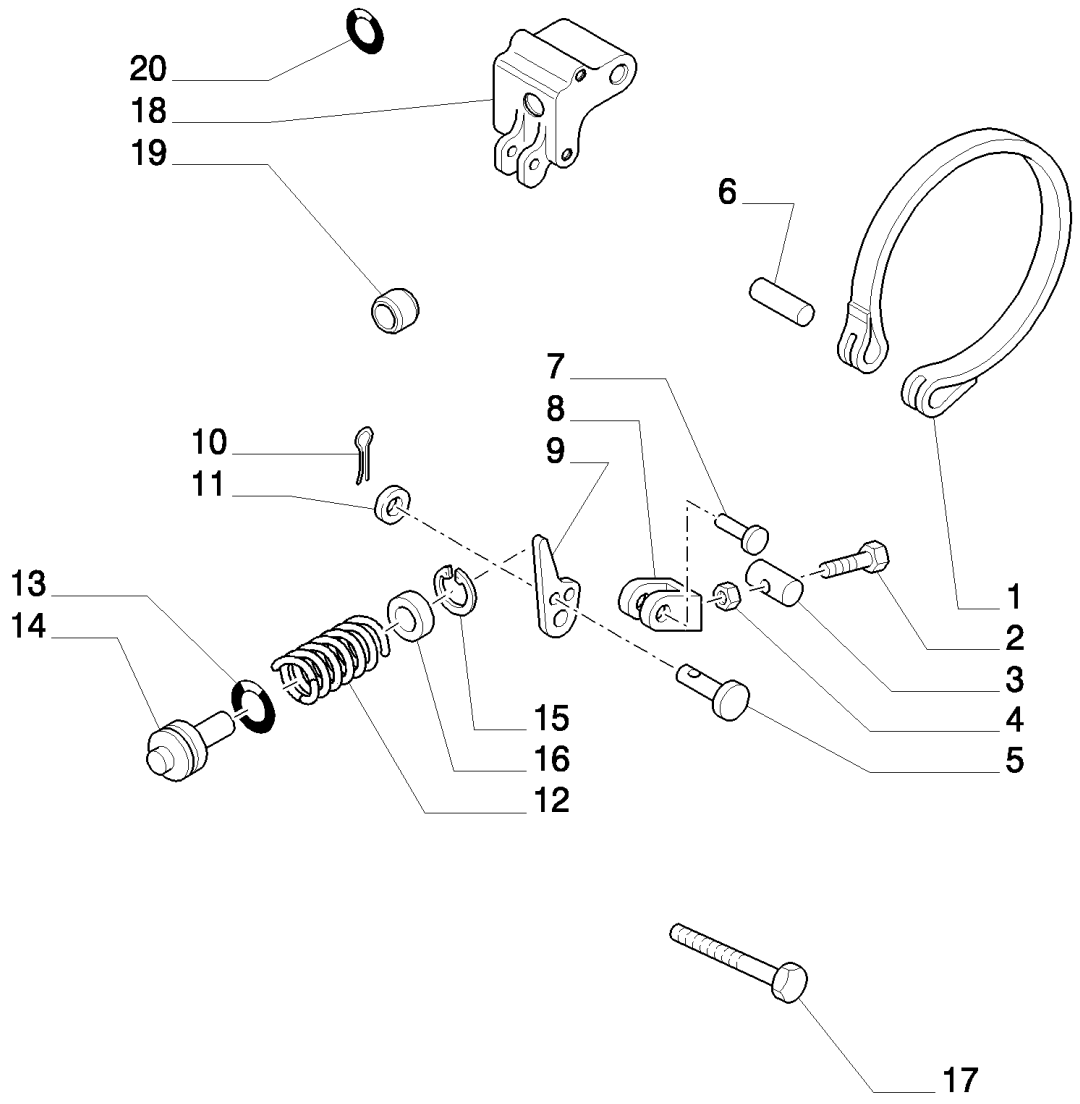




1.80.7/01(01) PTO, CLUTCH

Ref	Part Number	Qty	Description
1	5182713	1	SHAFT,
2	5182714	1	TUBE, RIGID,
3	5138952	1	BEARING, ROLLER,
4	5182702	1	GASKET,
5	5182717	1	RING, LOCKING,
6	5182712	1	SHAFT,
7	5162252	1	GASKET,
8	5182703	1	GASKET,
9	5182697	1	PISTON,
10	5182696	1	RING,
11	5175983	3	SEALRING,
12	5168346	12	SPRING,
13	5191305	1	RING, LOCKING,
14	5191304	1	CUP,
15	5163844	8	CLUTCH, PLATE,
16	5173294	AR	PLATE, CLUTCH, DRIVING, Thick mm. 2
16	5173295	AR	CLUTCH, PLATE, Thick mm. 2.2
17	5198772	1	CLUTCH, PLATE,
18	5162251	1	RING, LOCKING,
19	5182704	1	HUB,
20	11068076	1	RING, SNAP, M32, Ext,
21	5198796	1	CLUTCH,
22	5195188	1	SHAFT,
23	5195207	1	RING, SPLINED,
24	11068876	2	RING, SNAP, M40, Ext,



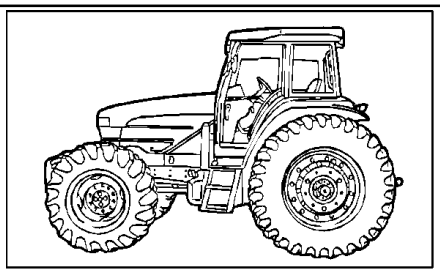

20
18
19
6
7
8
9
10
11
13
14
15
16
12
1
2
3
4
5
17

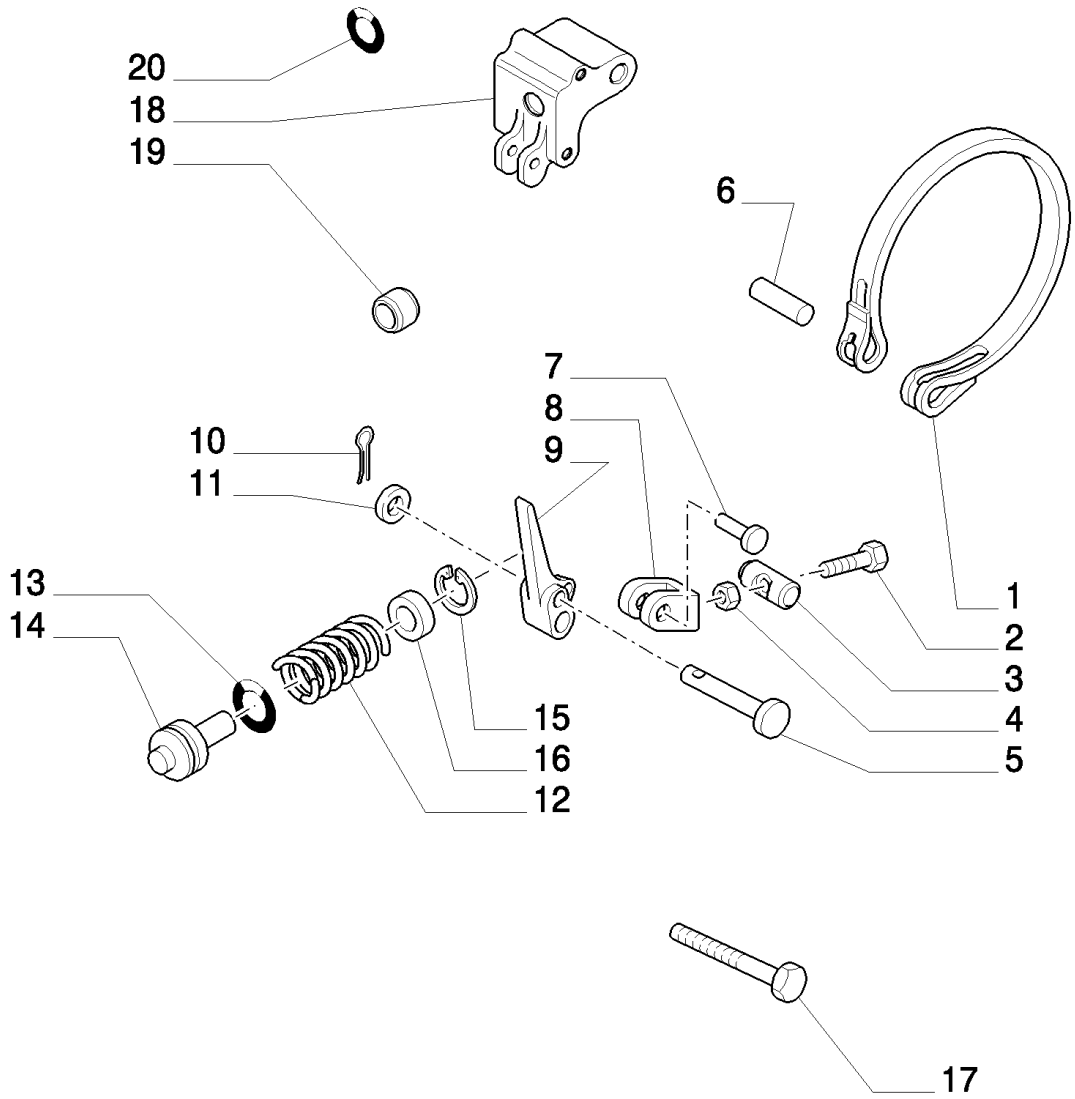
1.80.7/01(02) PTO, CLUTCH - C5351

Ref	Part Number	Qty	Description
1	83956644	1	BAND,
2	83905941	1	SCREW, Fillister HD, W/Washer, #10-32 x 1"
3	81819797	1	ANCHOR,
4	9635646	1	NUT, LOCK,
5	76250S36	1	PIN, CLEVIS,
6	81820593	1	PIN, 3/16 x 5/8"
7	280651	1	PIN, Dowel, 5/16" x 5/8"
8	83956645	1	CLEVIS,
9	81819791	1	ARM,
10	280236	1	PIN, SPLIT (COTTER), 1/16" x 1/2",
11	5189401	1	SPACER,
12	81866141	1	SPRING,
13	89827059	1	O-RING, .551" ID x .070" Thk
14	83999379	1	PISTON,
15	81871263	1	RING, SNAP, INT.750"
16	83999364	1	GUIDE,
17	16044524	2	BOLT, Hex, M8 x 65, 8.8,
18	47130809	1	SUPPORT,
19	5168157	1	BUSHING,
20	5146468	1	O-RING, -113, Cl 9, .549" ID x .103" Thk,

C5351 Before Date 14 February 2006

1.80.7/01(02A) PTO, CLUTCH - D5351



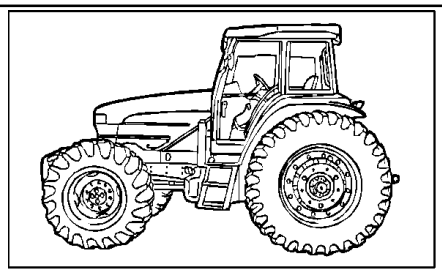


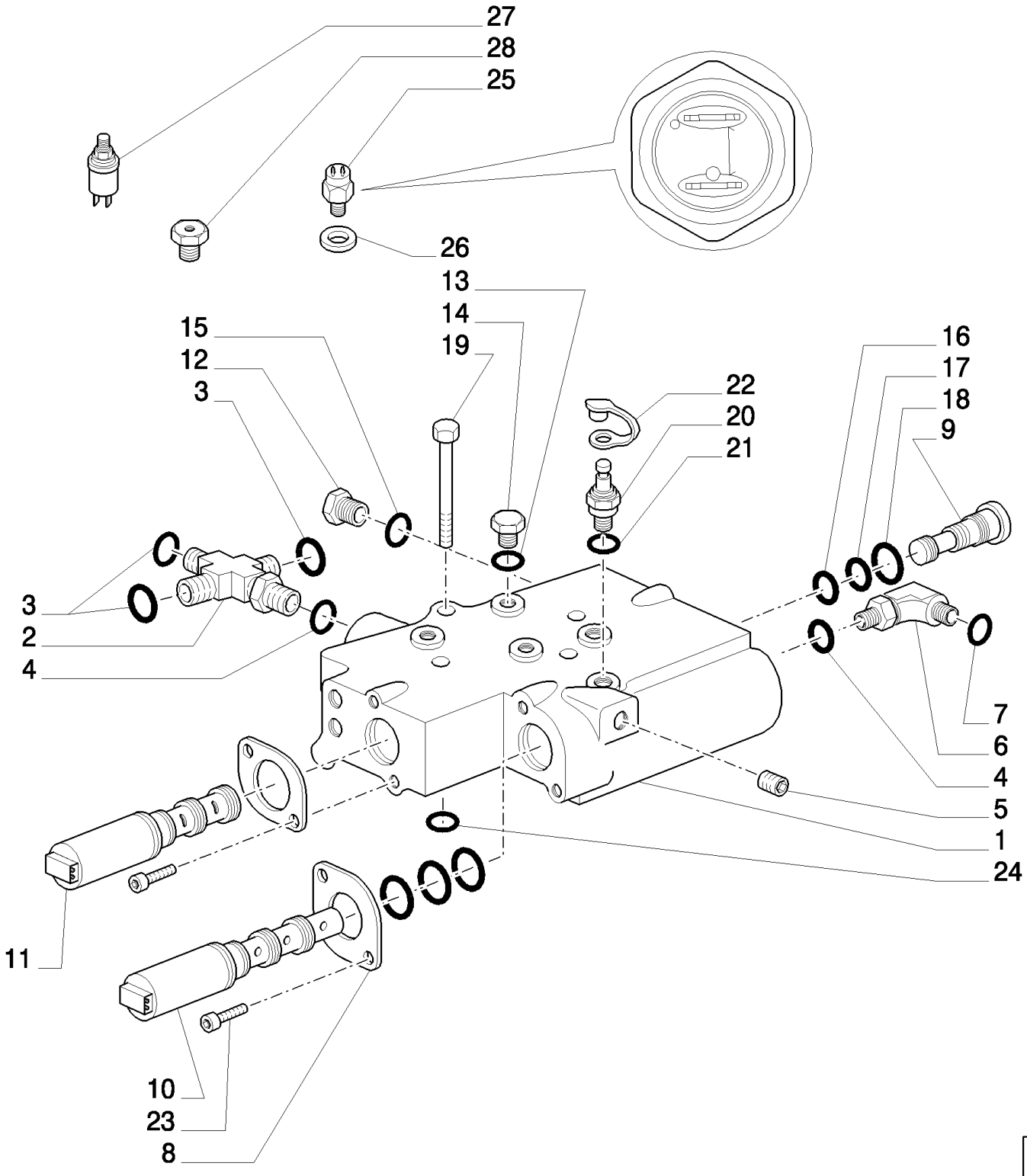
1.80.7/01(02A) PTO, CLUTCH - D5351

Ref	Part Number	Qty	Description
1	87391136	1	BRAKE BAND,
2	87016469	1	SCREW, Hex Soc Hd, M5 x 25, 8.8, Fillister HD, W/Washer, #10-32 x 1"
3	87518195	1	PIN,
4	13831801	1	NUT,
5	87518200	1	PIN,
6	10335010	1	DOWEL, M5 x 22,
7	10337610	1	DOWEL, M8 x 22, DOWEL, 5/16"X5/8"
8	87518169	1	CLEVIS COUPLING,
9	87518170	1	LEVER,
10	80280236	1	PIN, SPLIT (COTTER),
11	5189401	1	SPACER,
12	81866141	1	SPRING,
13	89827059	1	O-RING, .551" ID x .070" Thk
14	83999379	1	PISTON,
15	81871263	1	RING, SNAP, INT.750"
16	83999364	1	GUIDE,
17	16044524	2	BOLT, Hex, M8 x 65, 8.8,
18	87518135	1	HOUSING,
19	5168157	1	BUSHING,
20	5146468	1	O-RING, -113, Cl 9, .549" ID x .103" Thk,

D5351 After Date 14 February 2006

1.80.7/01(03) PTO, CLUTCH - (2WD)



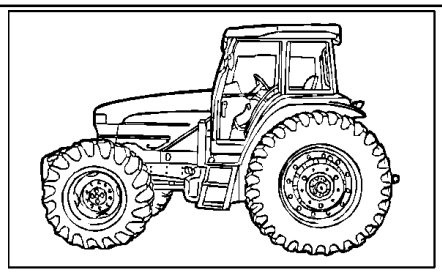


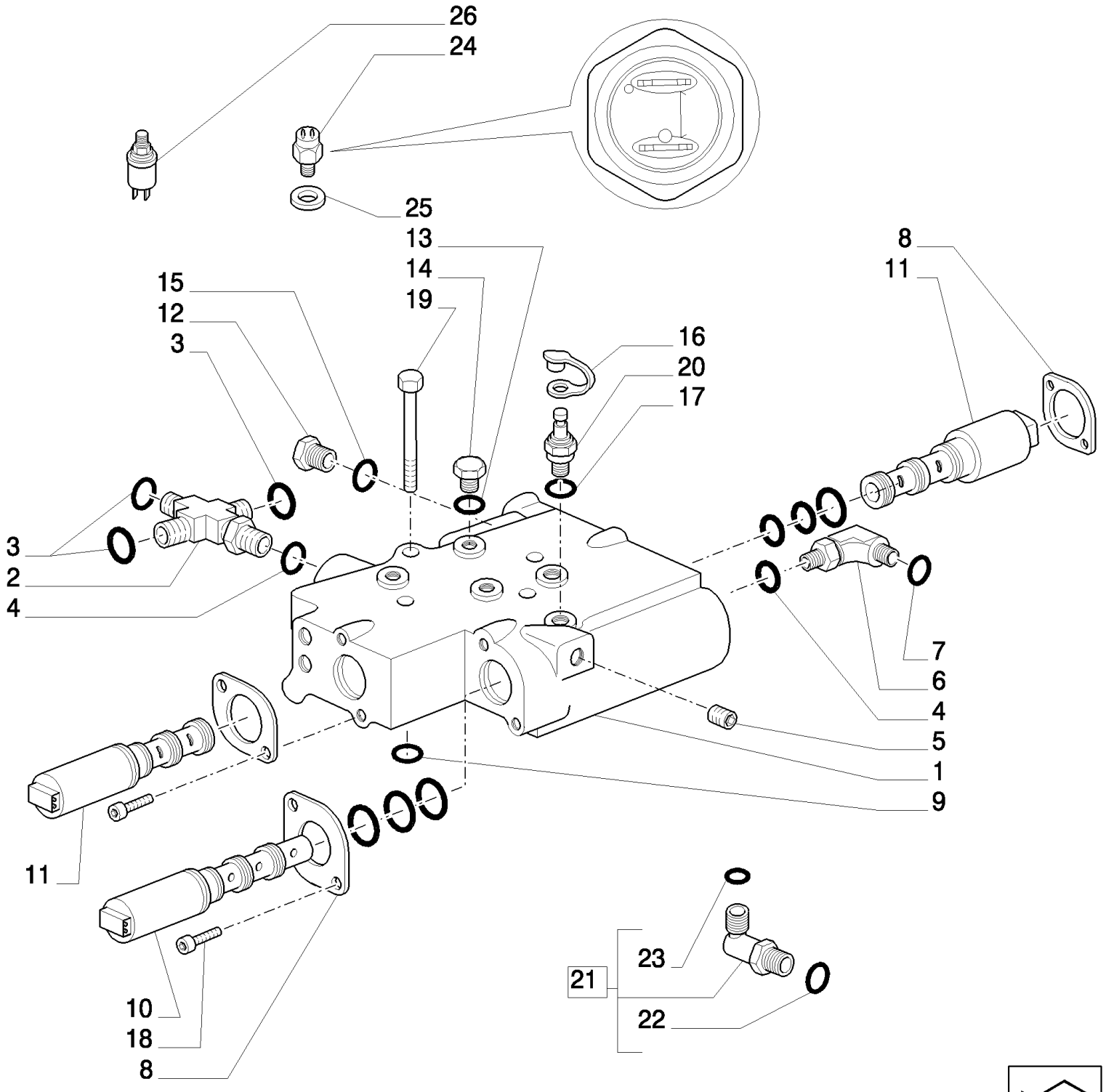
TM190 TRACTOR (6/02-) - Hydraulic System

1.80.7/01(03) PTO, CLUTCH - (2WD)

Ref	Part Number	Qty	Description
1	5196078	1	VALVE, CONTROL,
2	5187063	1	CONNECTOR, HYD.,
3	5185512	3	O-RING, 15,6 ID x 1,78 Thk
4	14438085	2	O-RING, 19.3MM ID x 2.4 Thk,
5	14326004	5	PLUG, M10 x 1.25
6	5194068	1	CONNECTOR, HYD.,
7	5185511	1	O-RING, 12.42 x 1.78
8	5194826	4	BRACKET,
9	5195316	1	PLUG,
10	5196873	1	VALVE, SOLENOID, 132 mm
11	5196874	2	VALVE, SOLENOID, 114 mm
12	10119311	1	PLUG, M16 x 1.5 x 12, Cl5.8,
13	4858606	4	GASKET,
14	11903011	4	PLUG, M10 x 1 x 11, Cl5.8,
15	14437885	2	O-RING, 13.3MM ID x 2.4 Thk,
16	14453181	1	O-RING, -014, Cl 7, .489" ID x .070" Thk,
17	89827059	1	O-RING, .551" ID x .070" Thk
18	5135736	1	O-RING, -019, Cl 9, .801" ID x .070" Thk,
19	15888824	4	BOLT, Hex, M10 x 1.25 x 70, 8.8,
20	5185423	1	COUPLING,
21	14437785	1	O-RING, 11.3MM ID x 2.4 Thk,
22	5185424	1	PLUG,
23	14305124	8	SCREW, Hex Soc Hd, M6 x 12, 8.8,
24	14457081	7	O-RING, -112, Cl 7, .487" ID x .103" Thk,
25	87395493	1	SWITCH, PRESSURE, Trans. Oil
26	2854292	1	GASKET,
27	82008236	1	SWITCH, PRESSURE, Trans. Oil, 51mm L.
28	5195455	1	CONNECTOR, HYD.,

1.80.7/01(04) PTO, CLUTCH - (4WD)



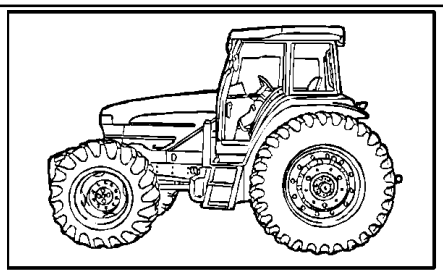


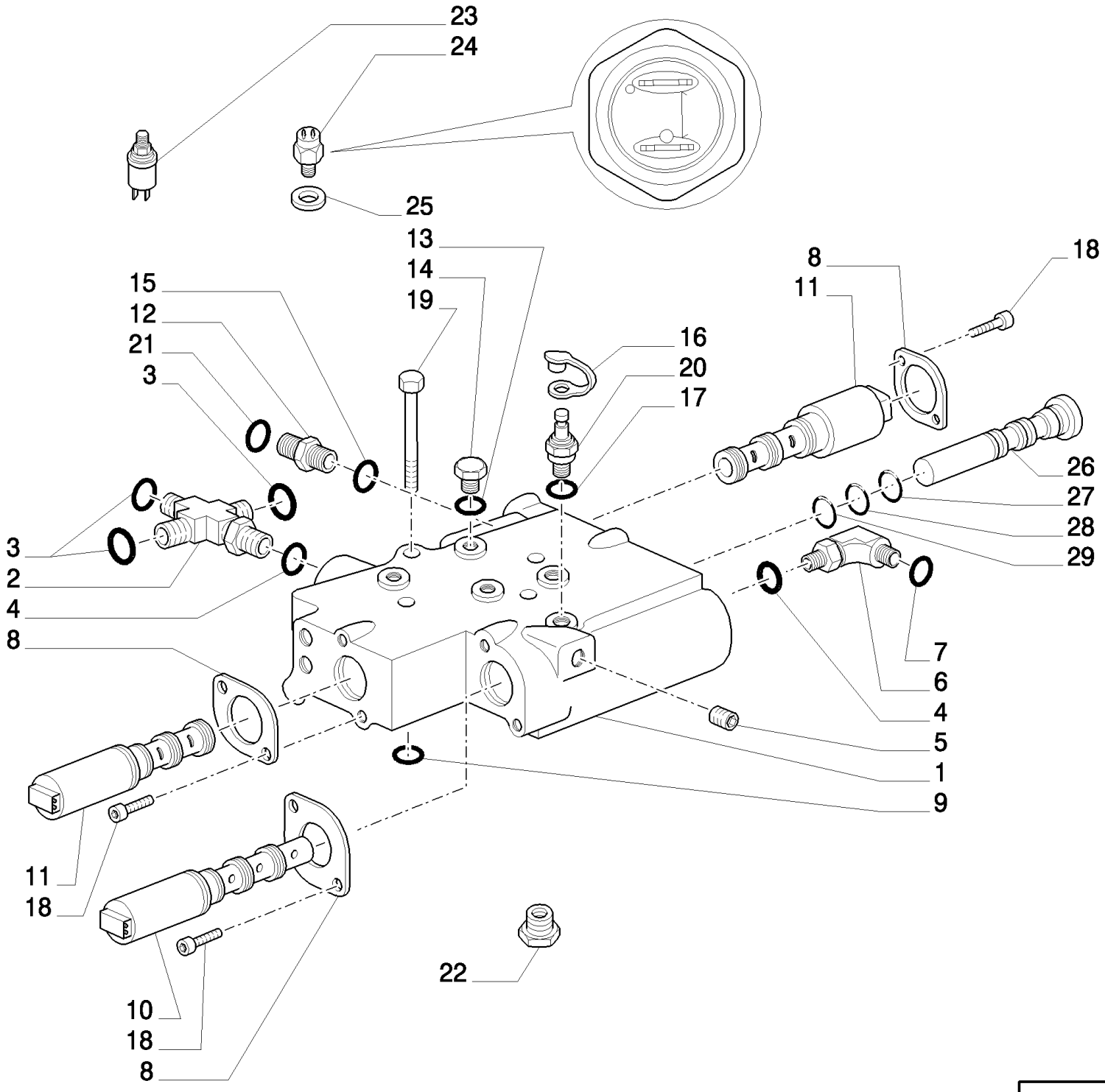
TM190 TRACTOR (6/02-) - Hydraulic System

1.80.7/01(04) PTO, CLUTCH - (4WD)

Ref	Part Number	Qty	Description
1	5196077	1	VALVE, CONTROL,
2	5187063	1	CONNECTOR, HYD.,
3	5185512	3	O-RING, 15,6 ID x 1,78 Thk
4	14438085	2	O-RING, 19.3MM ID x 2.4 Thk,
5	14326004	5	PLUG, M10 x 1.25
6	5194068	1	CONNECTOR, HYD.,
7	5185511	1	O-RING, 12.42 x 1.78
8	5194826	4	BRACKET,
9	14457081	1	O-RING, -112, Cl 7, .487" ID x .103" Thk,
10	5196873	1	VALVE, SOLENOID, 132 mm
11	5196874	3	VALVE, SOLENOID, 114 mm
12	10119311	1	PLUG, M16 x 1.5 x 12, Cl5.8,
13	4858606	4	GASKET,
14	11903011	4	PLUG, M10 x 1 x 11, Cl5.8,
15	14437885	2	O-RING, 13.3MM ID x 2.4 Thk,
16	5185424	1	PLUG,
17	14437785	1	O-RING, 11.3MM ID x 2.4 Thk,
18	14305124	8	SCREW, Hex Soc Hd, M6 x 12, 8.8,
19	15888824	4	BOLT, Hex, M10 x 1.25 x 70, 8.8,
20	5185423	1	COUPLING,
21	5195456	1	CONNECTOR, HYD.,
22	14437885	1	O-RING, 13.3MM ID x 2.4 Thk,
23	5185510	1	O-RING, 1,78 x 9,25
24	87395493	1	SWITCH, PRESSURE, Trans. Oil
25	2854292	1	GASKET,
26	82008236	1	SWITCH, PRESSURE, Trans. Oil, 51mm L.

1.80.7/06 (VAR.146/1) SUPP. GEAR REDUCTION UNIT FOR FULL POWER SHIFT - PTO CLUTCH

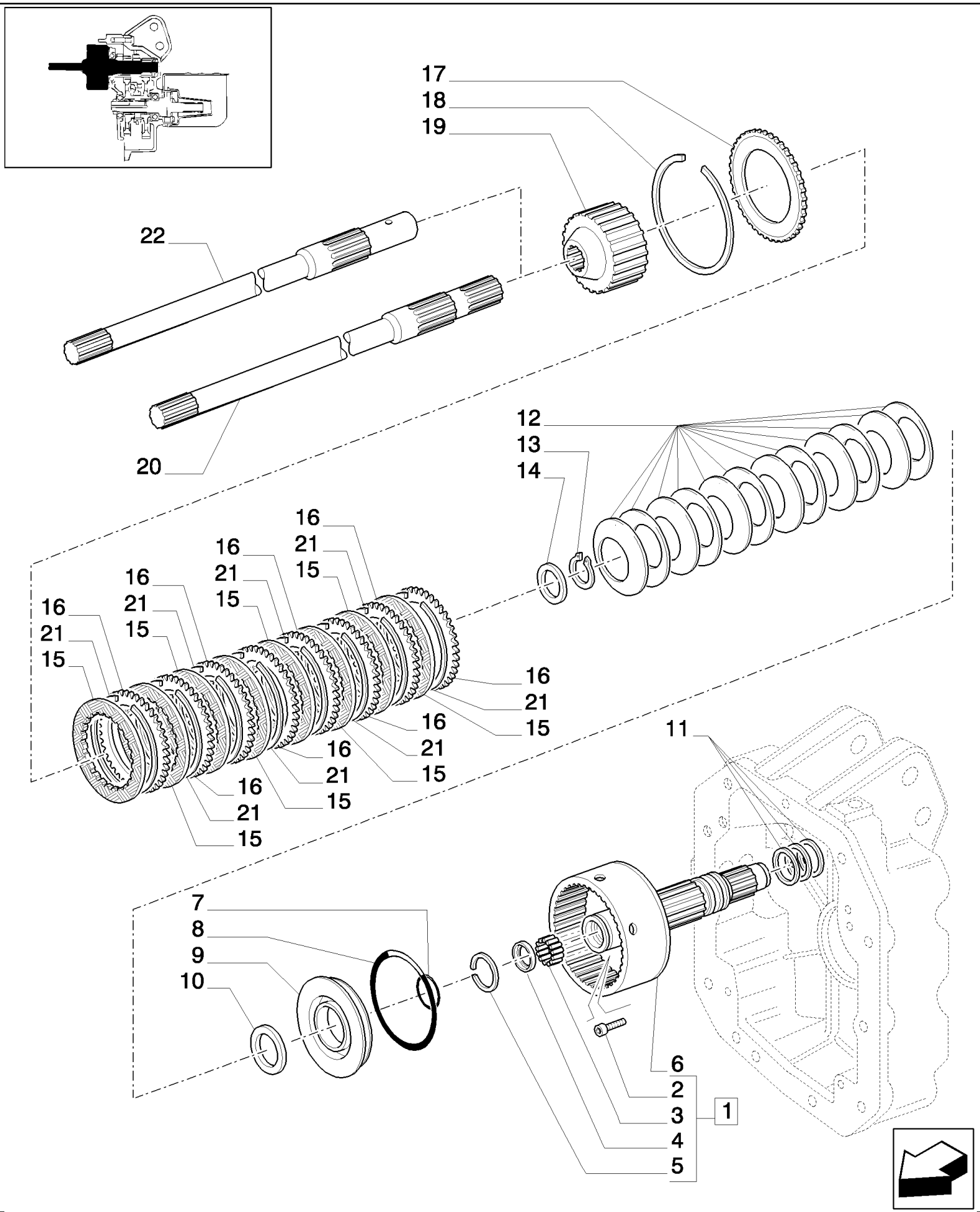




1.80.7/06 (VAR.146/1) SUPP. GEAR REDUCTION UNIT FOR FULL POWER SHIFT - PTO CLUTCH

Ref	Part Number	Qty	Description
1	5196069	1	DISTRIBUTOR, ASSY
2	5187063	1	CONNECTOR, HYD., 1"-14, M22X1,5, Incl.3,4
3	5185512	3	O-RING, 15,6 ID x 1,78 Thk
4	14438085	2	O-RING, 19.3MM ID x 2.4 Thk,
5	14326004	5	PLUG, M10 x 1.25
6	5194068	1	CONNECTOR, HYD., 13/16"-16, M22X1,5, Incl.4,7
7	5185511	1	O-RING, 12.42 x 1.78
8	5194826	4	BRACKET,
9	14457081	7	O-RING, -112, Cl 7, .487" ID x .103" Thk,
10	5196873	1	VALVE, SOLENOID, 132 mm
11	5196874	3	VALVE, SOLENOID, 114 mm
12	5192374	1	CONNECTOR, HYD., 11/16"-16, M16X1,5, Incl.15,21
13	4858606	4	GASKET,
14	11903011	4	PLUG, M10 x 1 x 11, Cl5.8,
15	14437885	2	O-RING, 13.3MM ID x 2.4 Thk,
16	5185424	1	PLUG,
17	14437785	1	O-RING, 11.3MM ID x 2.4 Thk,
18	14305124	8	SCREW, Hex Soc Hd, M6 x 12, 8.8,
19	15888824	4	BOLT, Hex, M10 x 1.25 x 70, 8.8,
20	5185423	1	COUPLING,
21	5185510	1	O-RING, 1,78 x 9,25
22	5195455	1	CONNECTOR, HYD., M16X1,5
23	82008236	1	SWITCH, PRESSURE, Trans. Oil, 51mm L.
24	87395493	1	SWITCH, PRESSURE, Trans. Oil
25	2854292	1	GASKET,
26	5195316	1	PLUG,
27	14453680	1	O-RING, -019, 70 Duro, .801" ID x .070" Thk,
28	14453280	1	O-RING, -015, 70 Duro, .551" ID x .070" Thk,
29	14453180	1	O-RING, 12.42MM ID x 1.78 Thk,

1.80.7/07 (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - PTO CLUTCH



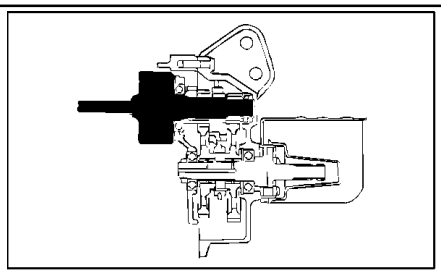
D5021 After Date 20/04/04, see also Sgr. 1.21.0/01, 1.32.0/01, 1.32.5

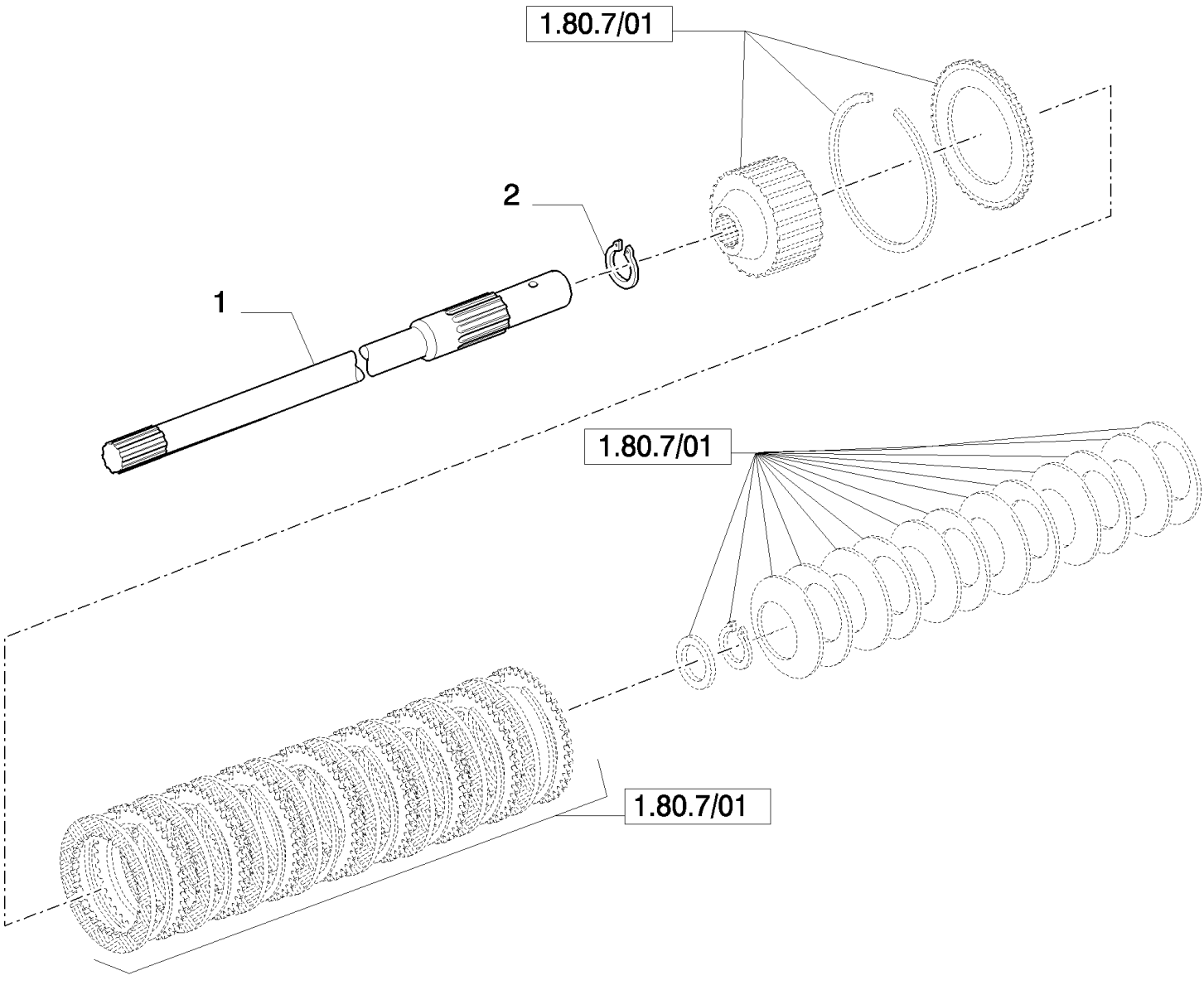
1.80.7/07 (VAR.147/1) FULL POWER SHIFT GEAR CHANGE 19X6 (50 KM/H) - PTO CLUTCH

Ref	Part Number	Qty	Description
1	5182713	1	SHAFT,
2	5182714	1	TUBE, RIGID,
3	5138952	1	BEARING, ROLLER,
4	5182702	1	GASKET,
5	5182717	1	RING, LOCKING,
6	5182712	1	SHAFT,
7	5162252	1	GASKET,
8	5182703	1	GASKET,
9	5182697	1	PISTON,
10	5182696	1	RING,
11	5175983	3	SEALRING,
12	5168346	12	SPRING,
13	5191305	1	RING, LOCKING,
14	5191304	1	CUP,
15	5159755	8	CLUTCH, PLATE,
16	5173295	8	CLUTCH, PLATE, THICK 2,2 MM
17	5178984	1	DISC,
18	5162251	1	RING, LOCKING,
19	5182704	1	HUB,
20	5195116	1	SHAFT, , -C5021
21	81864341	8	SPRING,
22	47136139	1	SHAFT, , D5021-

D5021 After Date 20/04/04, see also Sgr. 1.21.0/01, 1.32.0/01, 1.32.5

1.80.7/08 (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - PTO CLUTCH

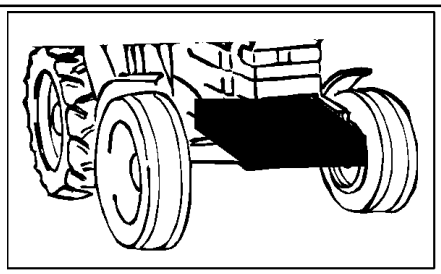


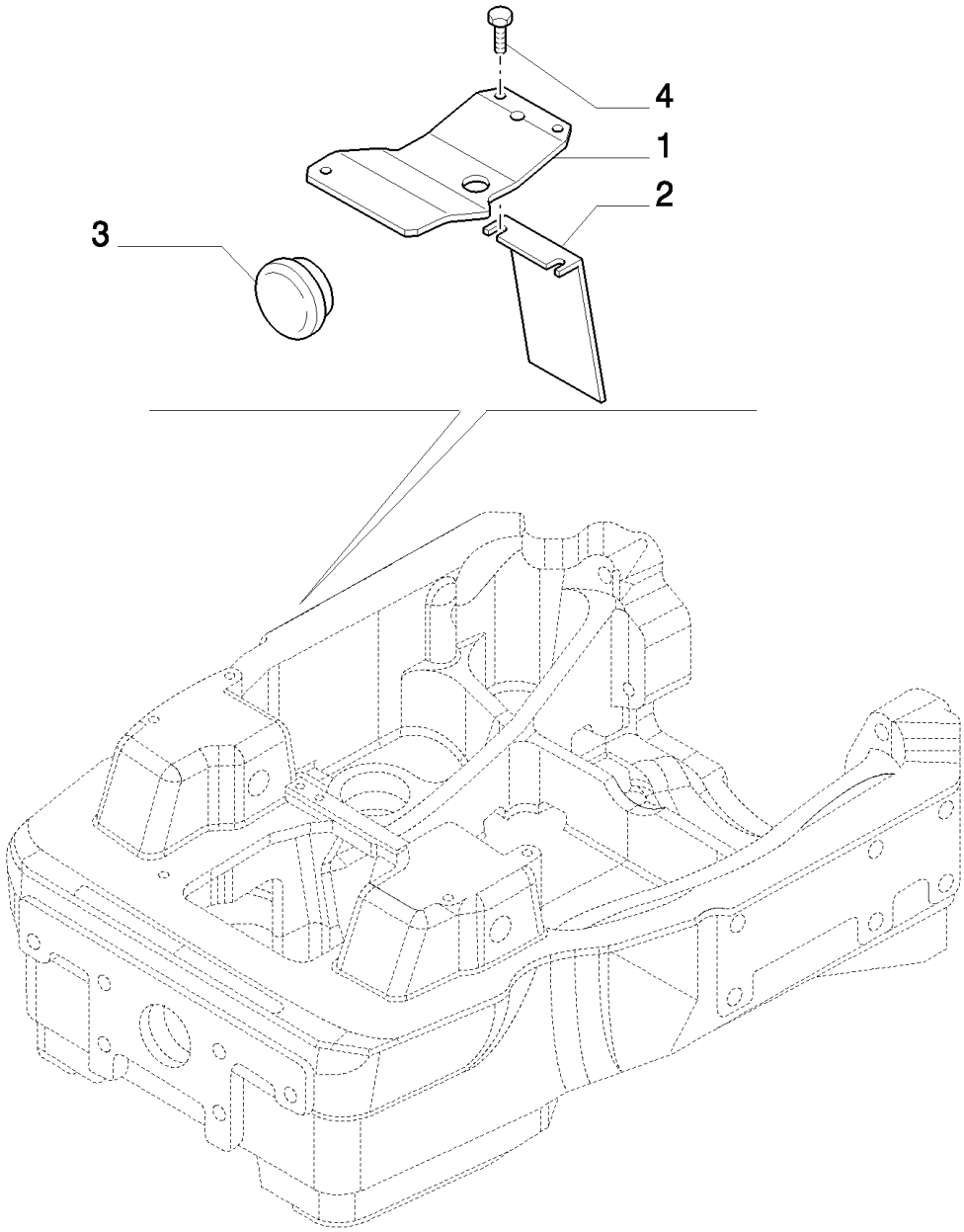


1.80.7/08 (VAR.571) FULL POWER SHIFT GEAR CHANGE 19X6 (40 KM/H) - PTO CLUTCH

Ref	Part Number	Qty	Description
1	47136139	1	SHAFT,
2	11068076	1	RING, SNAP, M32, Ext,

1.81.9 GUARD FOR ELECTRONIC LIFT IMPLEMENT ATTACHMENT

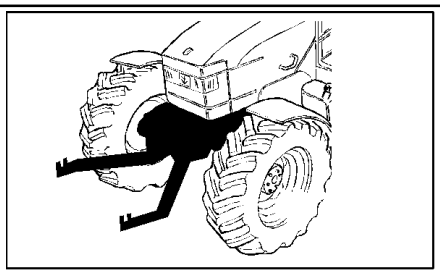


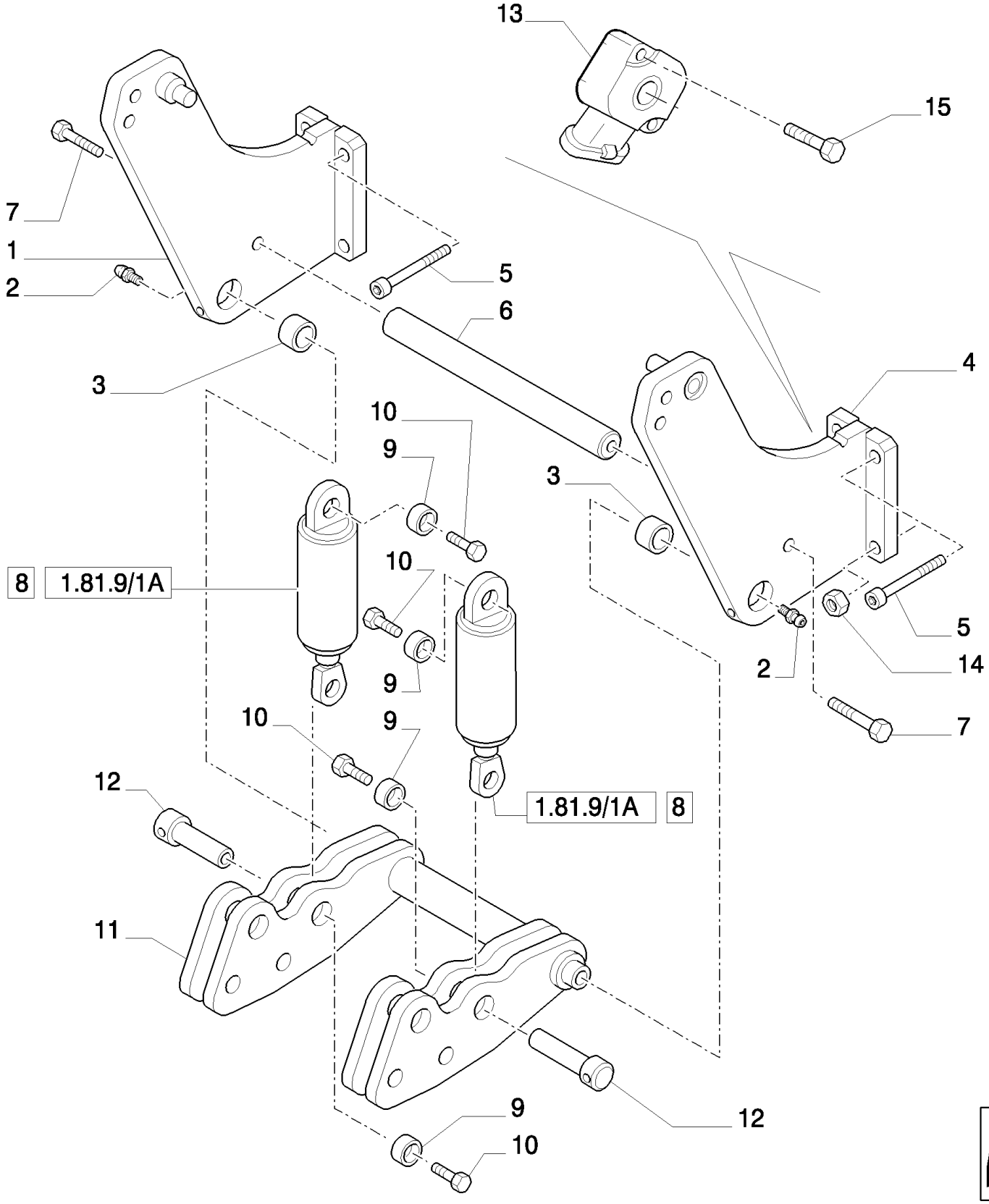


1.81.9 GUARD FOR ELECTRONIC LIFT IMPLEMENT ATTACHMENT

Ref	Part Number	Qty	Description
1	82026161	1	GUARD,
2	5169749	1	GUARD,
3	5175030	4	PLUG, D=31,5X10
3	5175031	2	PLUG, D=50,8X25,4
4	10979224	3	BOLT, Hex, M10 x 16, 8.8, Full Thd,

1.81.9/01(01) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - LIFT CYLINDERS AND SUPPORTS

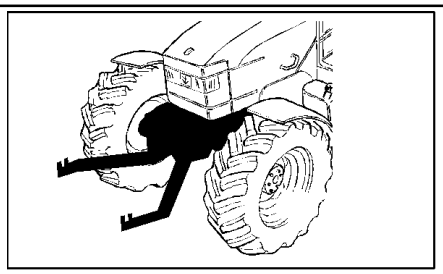


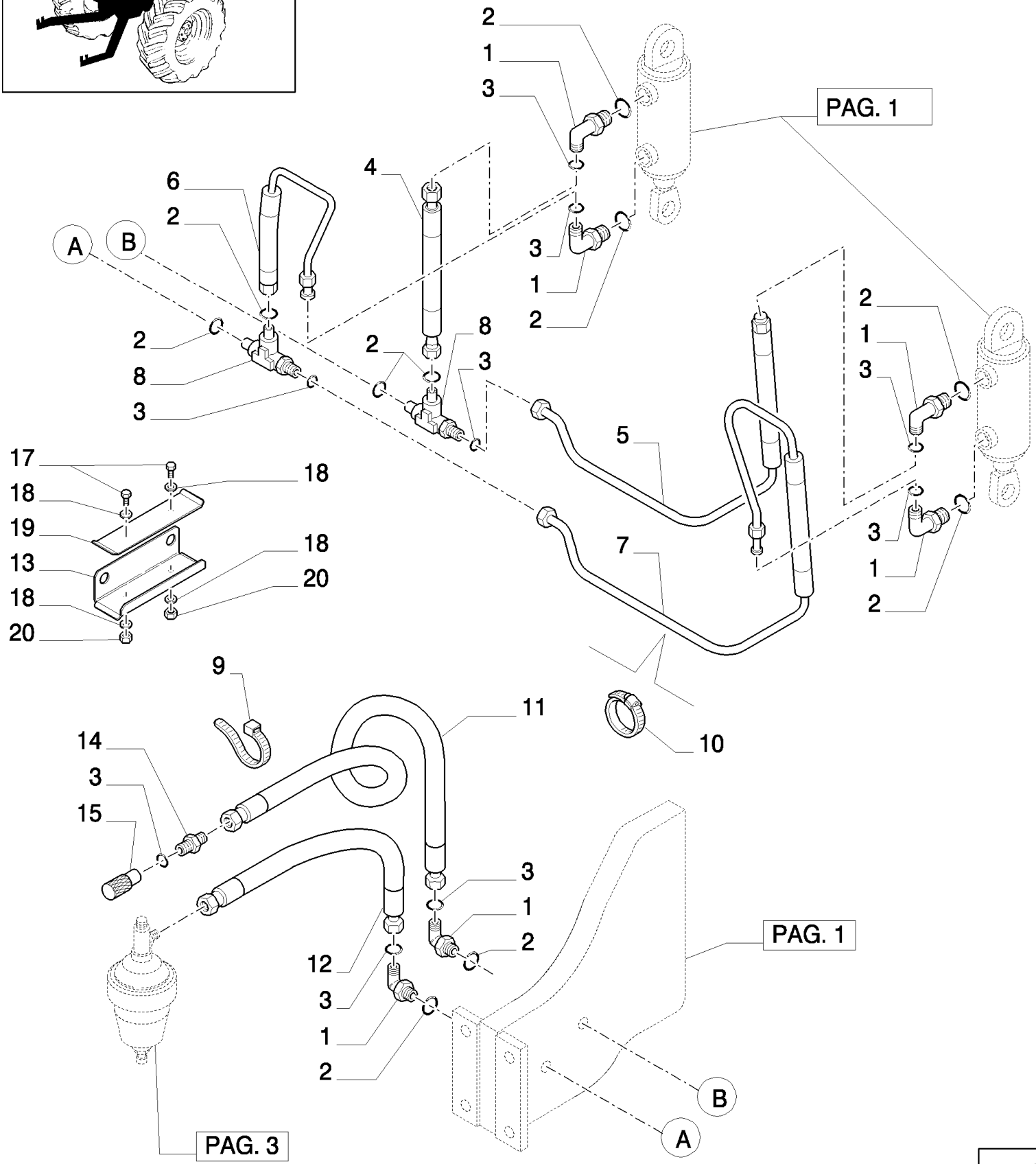


1.81.9/01(01) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - LIFT CYLINDERS AND SUPPORTS

Ref	Part Number	Qty	Description
1	82025262	1	SUPPORT, Incl. Ref. 2,3
2	13407211	2	NIPPLE, LUBE, M10 x 1,
3	5192032	2	BUSHING, 50X55X30
4	5191946	1	SUPPORT, LH, Incl. Ref. 2,3
5	14376374	8	SCREW, Hex Soc Hd, M24 x 150, 12.9,
6	5192048	1	TIE-ROD,
7	15988621	2	BOLT, Hex, M20 x 1.5 x 75, 8.8, Full Thd,
8	5191942	2	HYDRAULIC CYLINDER, ASSY
9	5192680	4	PLUG,
10	11376221	4	BOLT, Hex, M16 x 1.5 x 35, 8.8, Full Thd,
11	5191945	1	YOKE, 50X90X10
12	5192031	4	PIN,
13	87543715	1	POTENTIOMETER, Rotary Position Sensor
14	12575321	2	NUT, LOCK, M24 x 2, Cl 10,
15	10978521	2	BOLT, Hex, M5 x 35, 8.8,

1.81.9/01(02) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - LIFT CYLINDER PIPES



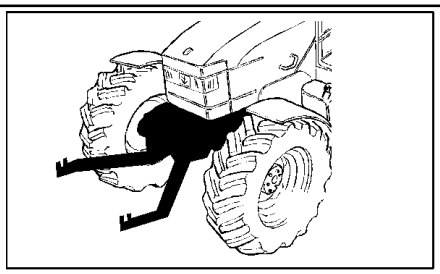


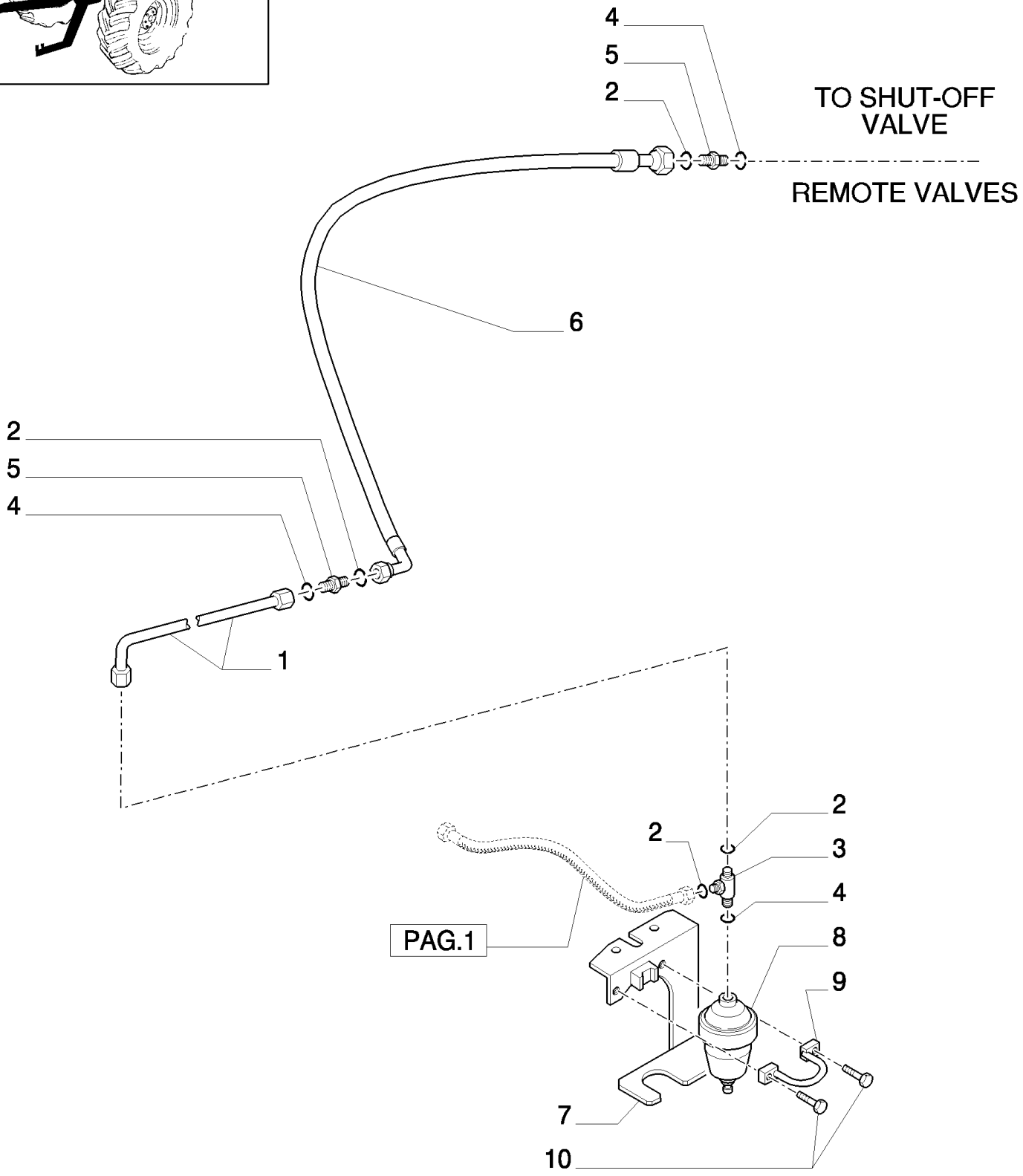
TM190 TRACTOR (6/02-) - Hydraulic System

1.81.9/01(02) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - LIFT CYLINDER PIPES

Ref	Part Number	Qty	Description
1	82015686	6	ELBOW, 11/16"-16 UNF - M16X1,5, Incl. Ref. 2,3
2	14437885	8	O-RING, 13.3MM ID x 2.4 Thk,
3	5185510	11	O-RING, 1,78 x 9,25
4	5191955	1	HOSE, FLEXIBLE, LOWER
5	5191953	1	HOSE, FLEXIBLE, LOWER
6	5191954	1	HOSE, FLEXIBLE, LIFT
7	5191952	1	HOSE, FLEXIBLE, LIFT
8	5192058	2	CONNECTOR, HYD., 11/16"-16 - M16X1,5
9	263117	10	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
10	13000690	1	CLAMP, HOSE,
11	5195834	1	HOSE, FLEXIBLE, LOWER(LENGTH=MM.5230) 11/16"
12	5195833	1	HOSE, FLEXIBLE, LIFT(LENGTH=MM.2070) 11/16"-16 - 1" -14
13	5195848	1	SUPPORT,
14	82015960	1	CONNECTOR, HYD., 11/16"-16 - 1/2
15	E8NNB964BA	2	COUPLING,
16	5193517	2	GUARD,
17	15212521	2	BOLT, Hex, M6 x 35, 8.8, Full Thd,
18	14496404	4	WASHER, LOCK, 6X12,5
19	5195847	1	PLIERS,
20	353308	2	NUT, LOCK, M6 x 1, Cl 8,

1.81.9/01(03) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - PIPES

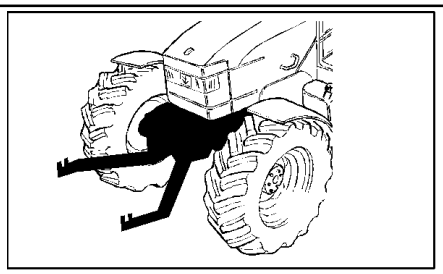


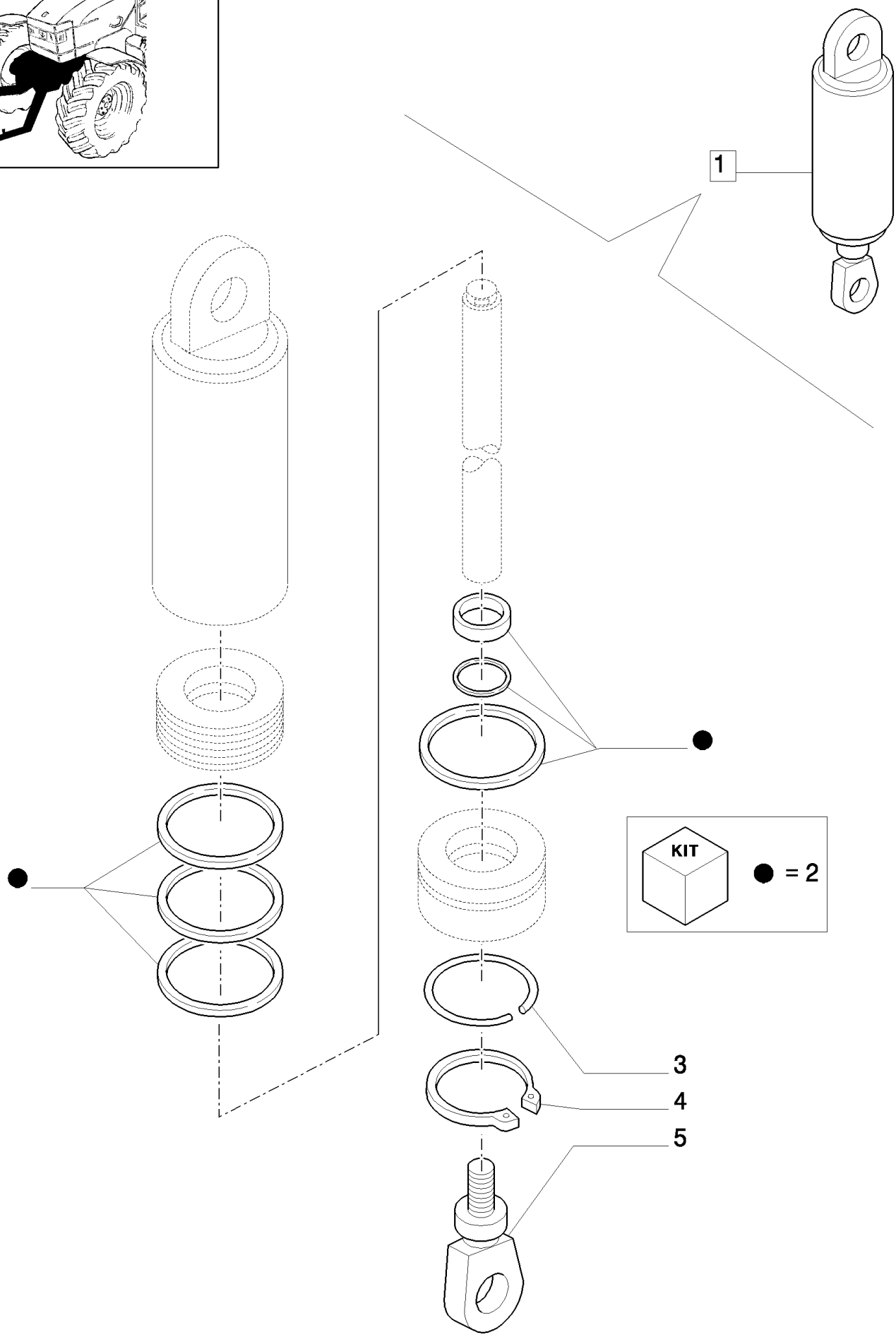


1.81.9/01(03) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - PIPES

Ref	Part Number	Qty	Description
1	82026039	1	TUBE, RIGID, 1"-14
2	5185512	3	O-RING, 15,6 ID x 1,78 Thk
3	5185569	1	CONNECTOR, HYD., 1"-14 - G1/2-14, Incl. Ref. 2,4
4	5135738	2	O-RING, -115, Cl 9, .674" ID x .103" Thk,
5	5185524	1	CONNECTOR, HYD.,
6	5195099	1	HOSE, FLEXIBLE, 1"-14
7	82019942	1	BRACKET,
8	82007621	1	ACCUMULATOR,
9	82008081	1	CLIP, HOSE,
10	82880843	2	SCREW, Cap, HH, M8 x 1.25 x 25

1.81.9/01A (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - HYDRAULIC CYLINDER BREAKDOWN

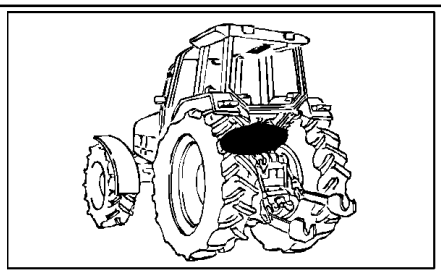


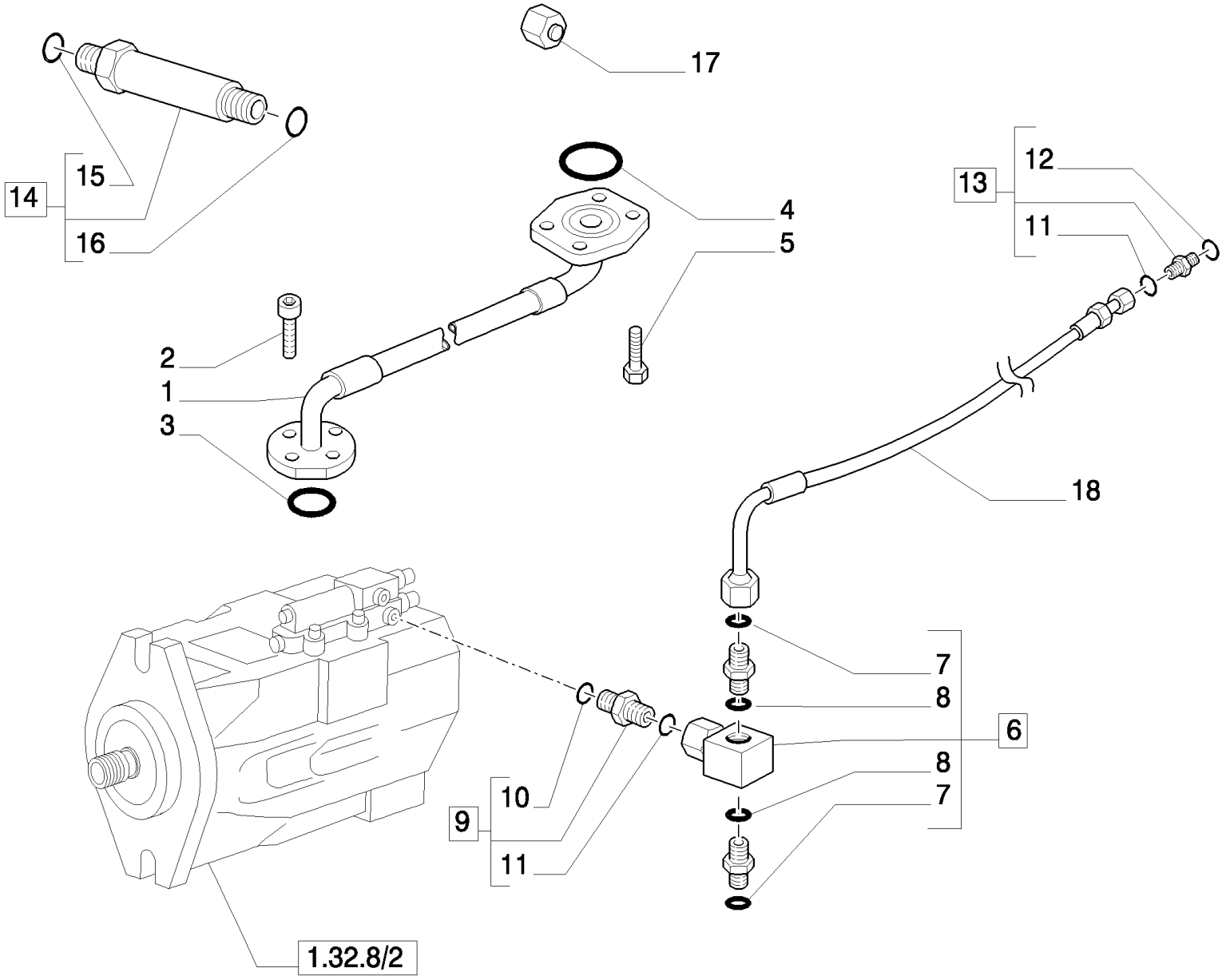


1.81.9/01A (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - HYDRAULIC CYLINDER BREAKDOWN

Ref	Part Number	Qty	Description
1	5191942	1	HYDRAULIC CYLINDER,
2	5192128	1	KIT,
3	5192132	1	RING, RUBBER,
4	5192129	1	RING, LOCKING,
5	5192131	1	END ASSY, TRACK ROD,

1.82.1/02(01) LIFTER, LINES



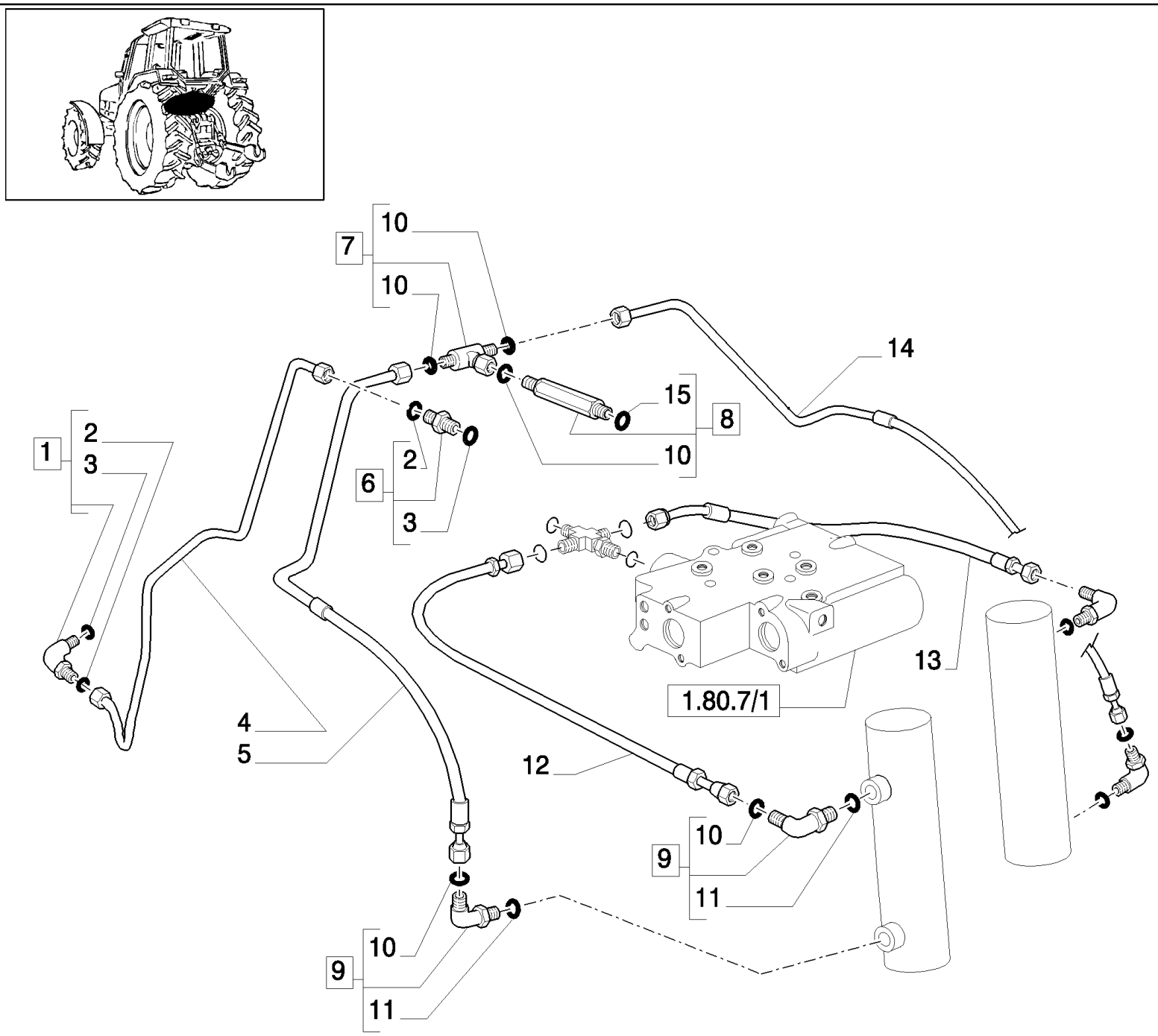


TM190 TRACTOR (6/02-) - Hydraulic System

1.82.1/02(01) LIFTER, LINES

Ref	Part Number	Qty	Description
1	47124579	1	HOSE, FLEXIBLE,
2	14432234	4	SCREW, Hex Soc Hd, M6 x 22, 10.9,
3	5135739	1	O-RING, -116, Cl 9, .737" ID x .103" Thk,
4	14463780	1	O-RING, -219, 70 Duro, 1.296" ID x .139" Thk,
5	14420221	4	SCREW, Hex Soc Hd, M10 x 30, 8.8,
6	82018814	1	VALVE,
7	9825770	2	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
8	165202	2	O-RING, 4-1, 90 Duro, .351" ID x .072" Thk,
9	5185523	1	CONNECTOR, HYD.,
10	5185507	1	O-RING,
11	5185509	1	O-RING,
12	14437685	1	O-RING, 9.3MM ID x 2.4 Thk,
13	5185045	1	CONNECTOR, HYD.,
14	5196956	1	CONNECTOR, HYD.,
15	5185512	1	O-RING, 15,6 ID x 1,78 Thk
16	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
17	5189973	1	PLUG, 9/16"-18
18	87302783	1	HOSE, FLEXIBLE,

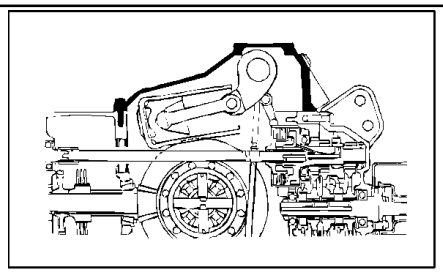
1.82.1/02(02) LIFTER, LINES

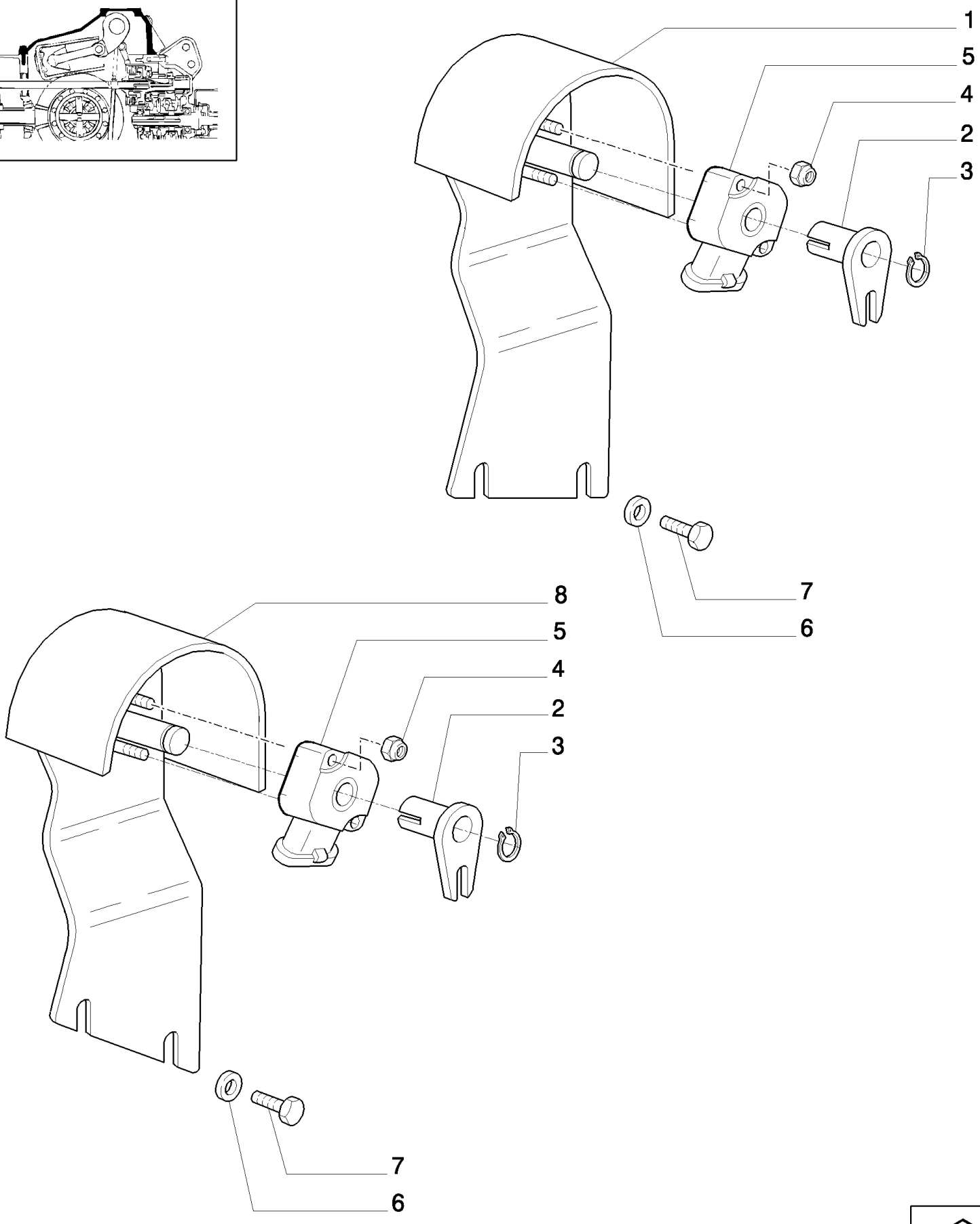


1.82.1/02(02) LIFTER, LINES

Ref	Part Number	Qty	Description
1	5197118	1	CONNECTOR, HYD.,
2	5185513	2	O-RING,
3	14438185	2	O-RING, 24MM ID x 3.0 Thk,
4	47125293	1	TUBE, RIGID, LH
5	5197112	1	PIPE, LH
6	5197215	1	CONNECTOR, HYD., 1-3/16"-12, M27 x 2
7	5197110	1	CONNECTOR, HYD.,
8	5185048	1	CONNECTOR, HYD.,
9	5185562	4	ELBOW,
10	5185512	6	O-RING, 15,6 ID x 1,78 Thk
11	14437985	4	O-RING, 15.3MM ID x 2.4 Thk,
12	5197113	1	HOSE,
13	5199672	1	HOSE, FLEXIBLE, RH
14	5197111	1	TUBE, RIGID, RH
15	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,

1.82.5/01 CONTROL DISTRIBUTOR





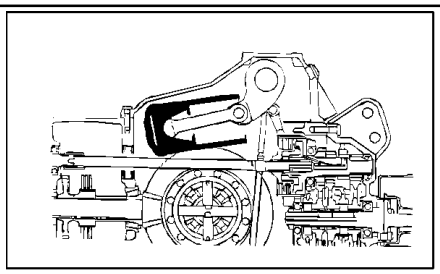
TM190 TRACTOR (6/02-) - Hydraulic System

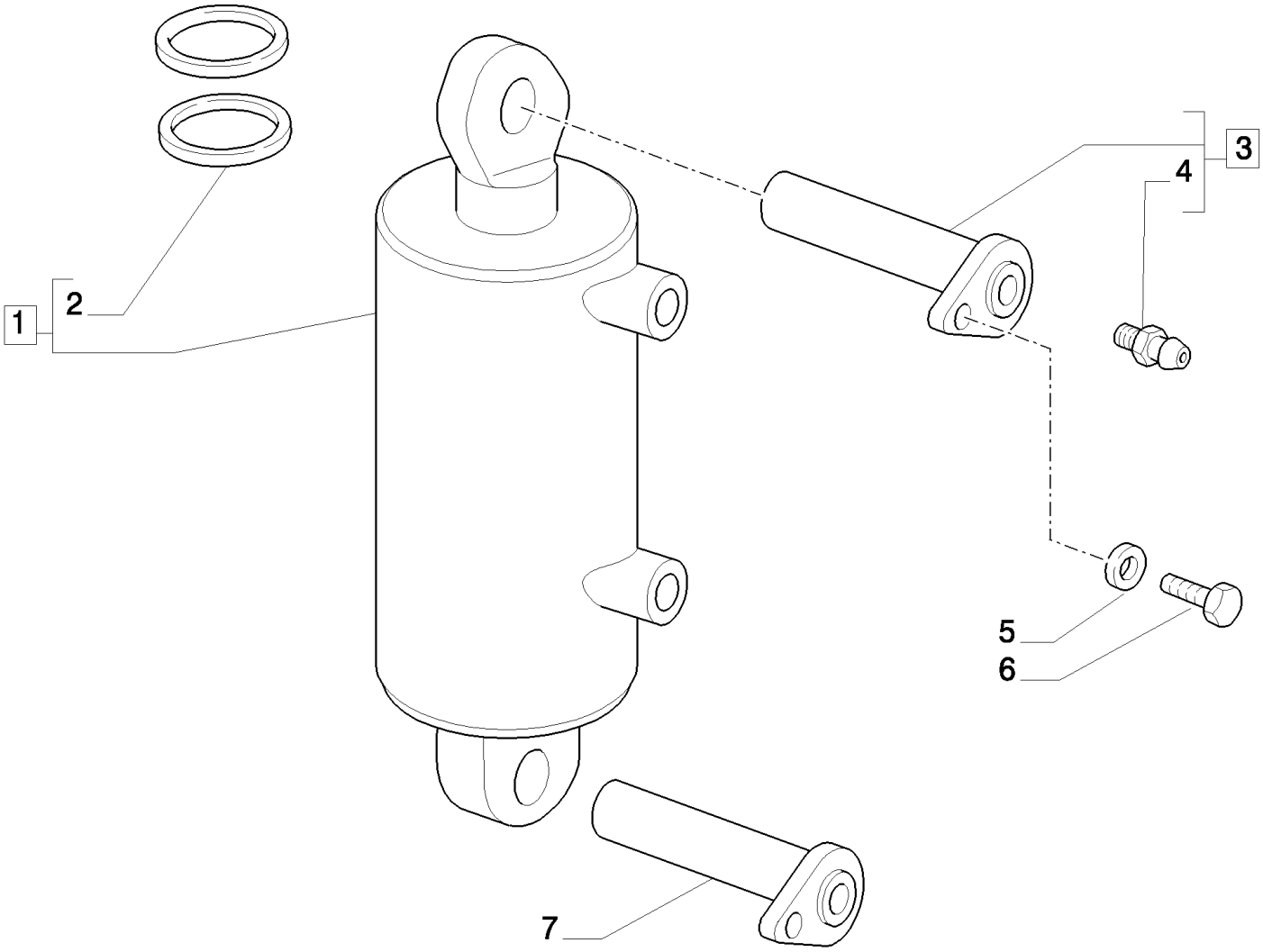
1.82.5/01 CONTROL DISTRIBUTOR

Ref	Part Number	Qty	Description
1	47130992	1	SUPPORT, , -C5267
2	47129141	1	LEVER,
3	11087976	1	CIRCLIP, M8,
4	14048511	2	NUT, LOCK, M4 x .7, Cl 8,
5	87543715	1	POTENTIOMETER, Rotary Position Sensor
6	14496621	2	WASHER, M10 x 21 x 2,
7	15970624	2	BOLT, Hex, M10 x 1.25 x 22, 8.8, Full Thd,
8	87379477	1	, D5267-

D5267 After Date 15 November 2005

1.82.6/01 LIFTER, PISTON AND CYLINDER

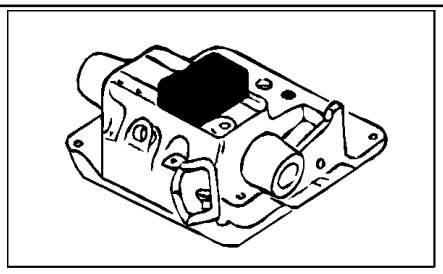


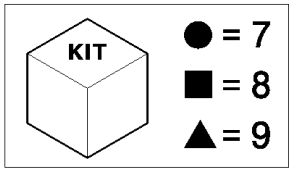


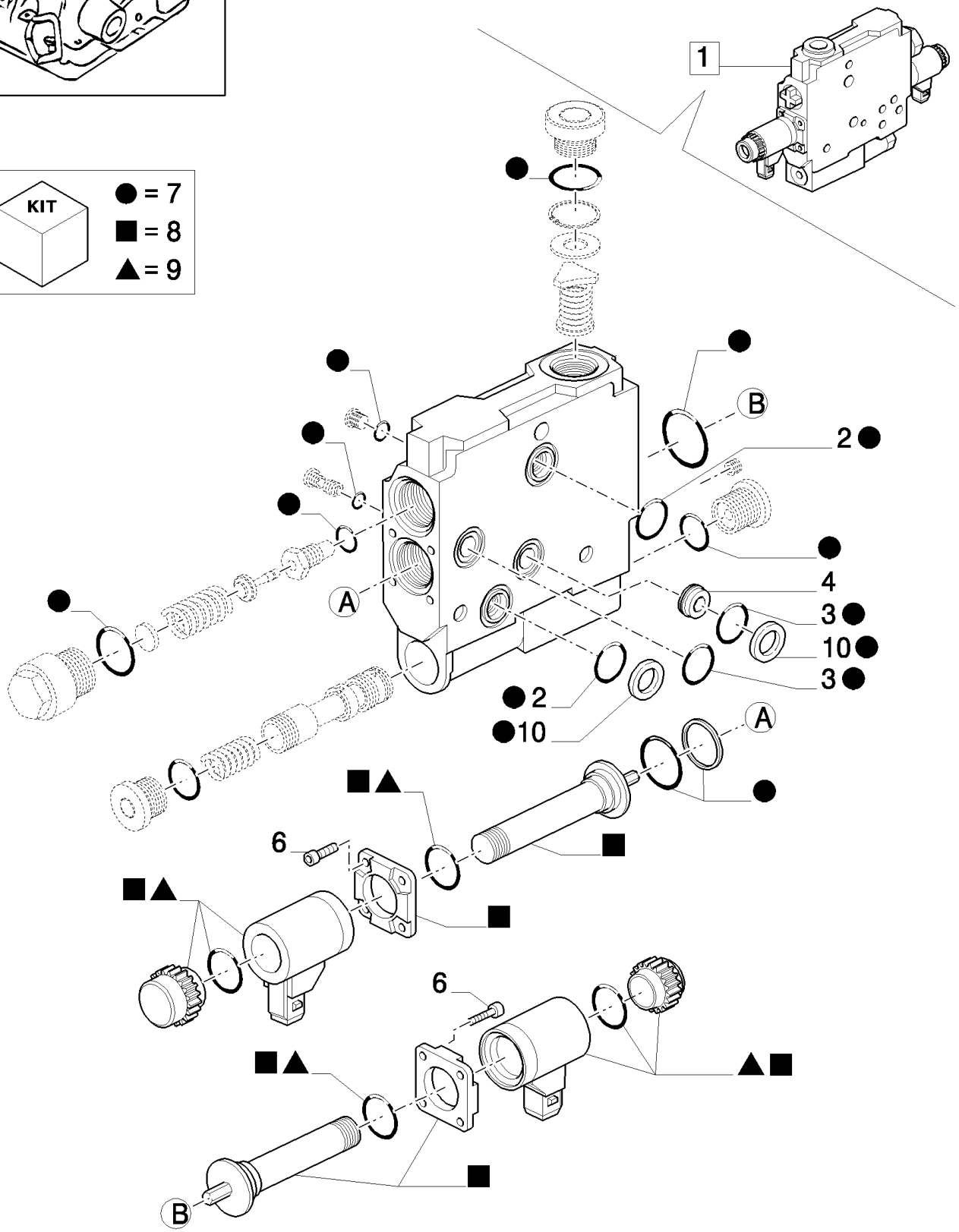
1.82.6/01 LIFTER, PISTON AND CYLINDER

Ref	Part Number	Qty	Description
1	47130987	2	CYLINDER, LIFT,
2	47131008	1	KIT, FIP,
3	5186171	2	PIN,
4	87414	1	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
5	12601471	4	WASHER, LOCK, M10
6	15970624	4	BOLT, Hex, M10 x 1.25 x 22, 8.8, Full Thd,
7	5185964	2	PIN, 2,62X15,54

1.82.7/ B REMOTE CONTROL VALVE BREAKDOWN (EDC VALVE)





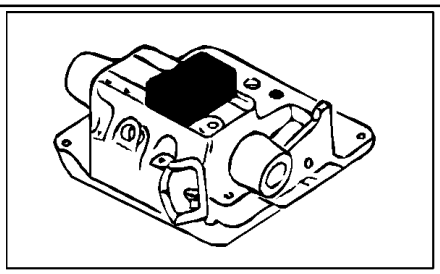


1.82.7/ B REMOTE CONTROL VALVE BREAKDOWN (EDC VALVE)

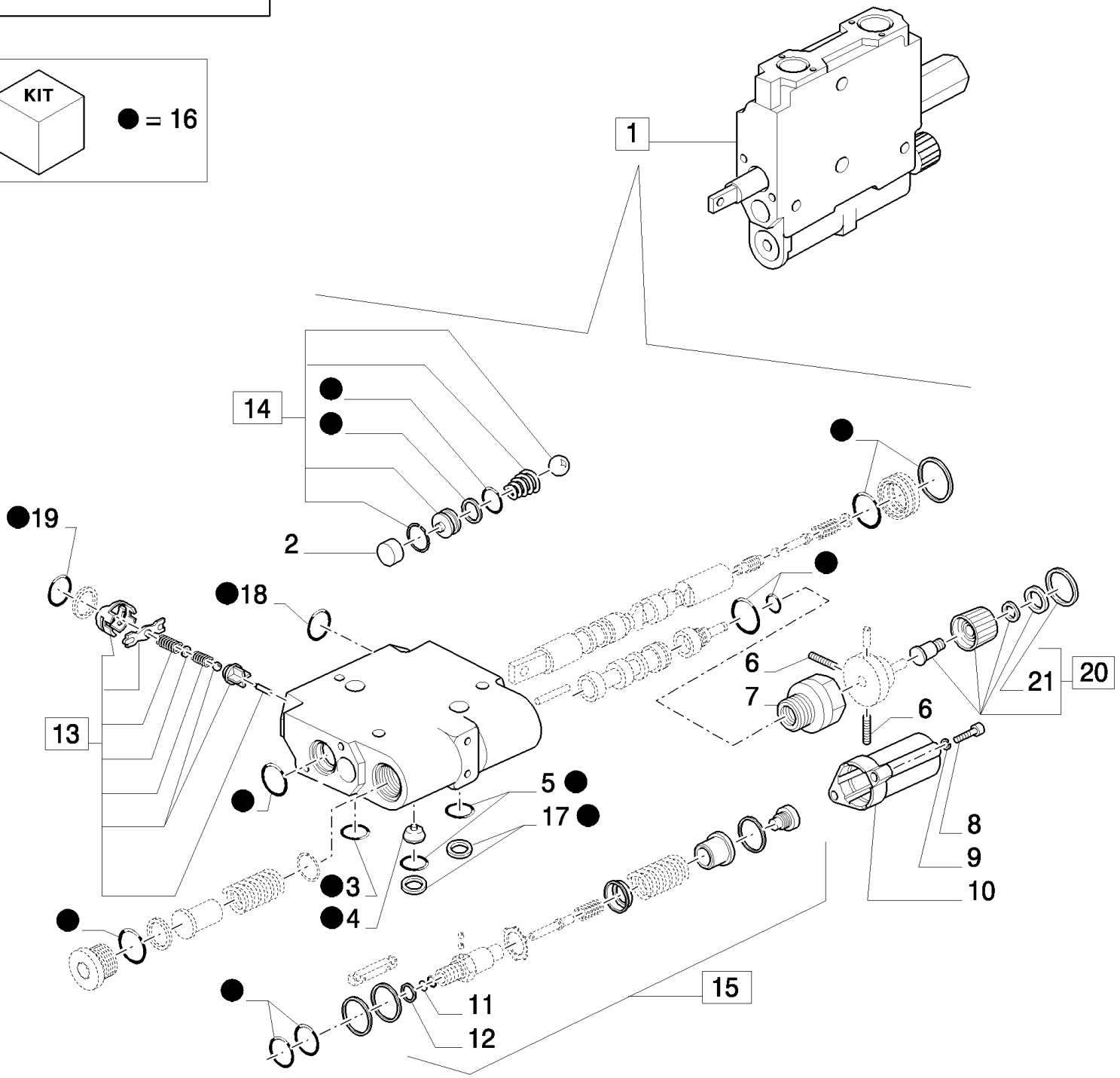
Ref	Part Number	Qty	Description
1	5195159	1	VALVE, CONTROL, Assy, (EDC VALVE)
2	81862872	1	SEAL, 20 x 2,5
3	5190751	2	O-RING, 18 x 2,5
4	5191776	1	SELECTOR, , -C5029
4	47127006	1	SELECTOR, , D5029-
5	5190769	1	RING, RUBBER, 17 x 2.5
6	5190770	8	SCREW,
7	5190771	1	KIT,
8	5190767	1	KIT,
9	5188024	1	KIT,
10	5195150	2	SEAL,

D5029 After Date 04/02/05

1.82.7/ C(01) REMOTE CONTROL VALVE - BREAKDOWN - C5029



KIT ● = 16



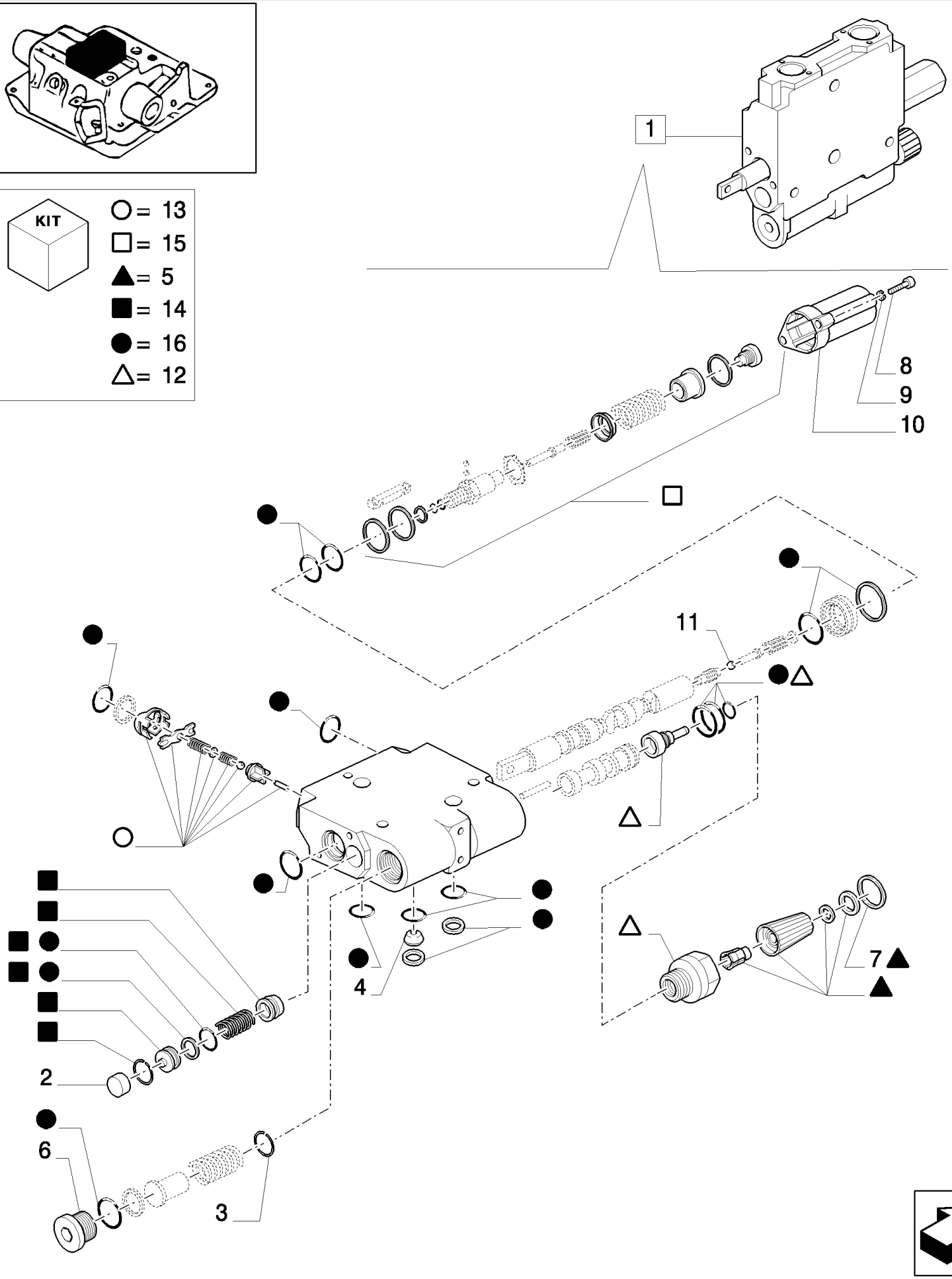
1.82.7/ C(01) REMOTE CONTROL VALVE - BREAKDOWN - C5029

Ref	Part Number	Qty	Description
1	5195165	1	VALVE, HYDRAULIC, ASSY
2	5191775	1	PLUG,
3	81862872	1	SEAL, 20X1,5
4	5191776	1	SELECTOR,
5	5190751	2	O-RING, 18X2,5
6	5191778	2	STUD,
7	5191779	1	PLUG,
8	5191782	2	SCREW, M6X28
9	5191783	2	RING, LOCKING,
10	5191784	1	CAP,
11	5191781	1	RING, RUBBER, 2,5X1,5
12	5191780	1	RING, RUBBER, 10X2
13	5191720	1	KIT, REPAIR,
14	5191773	1	KIT,
15	5191762	1	KIT, REPAIR,
16	5195167	1	KIT, SEALS,
17	5195150	2	SEAL,
18	5195166	1	SEAL, 15 x 2.5
19	5190769	1	RING, RUBBER, 17 x 2.5
20	5196927	1	PUSH BUTTON,
21	5196928	1	DISC,

1.82.7/ C(01A) REMOTE CONTROL VALVE - BREAKDOWN - D5029

KIT

○ = 13
□ = 15
▲ = 5
■ = 14
● = 16
△ = 12

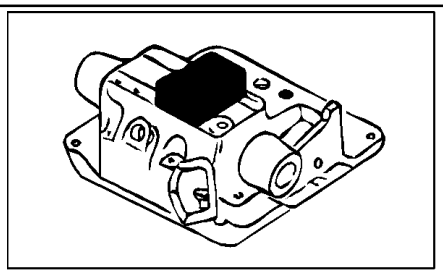


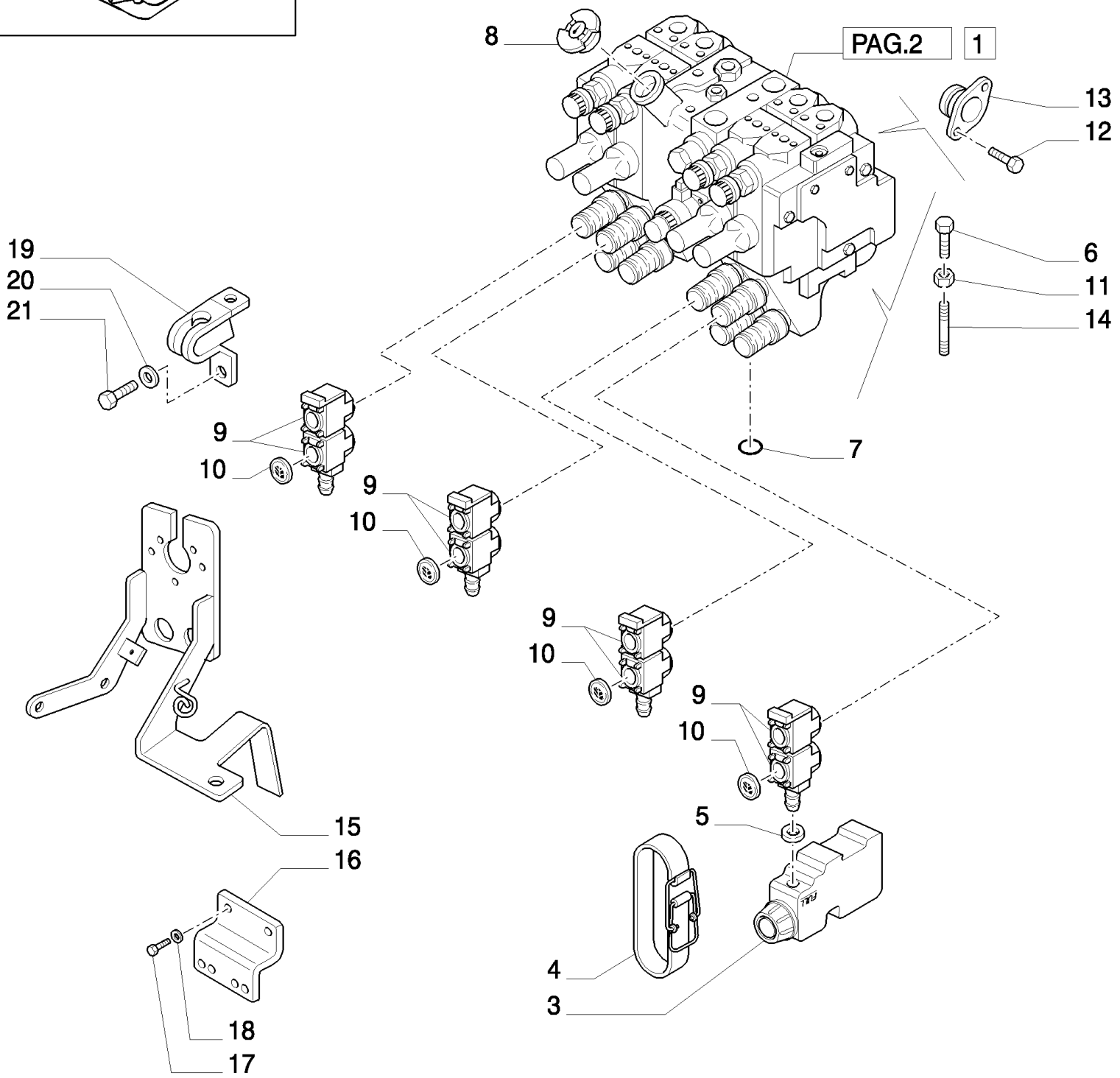
1.82.7/ C(01A) REMOTE CONTROL VALVE - BREAKDOWN - D5029

Ref	Part Number	Qty	Description
1	5195165	1	VALVE, HYDRAULIC, ASSY
2	5191775	1	PLUG,
3	47129463	1	RETAINER,
4	47127006	1	SELECTOR,
5	87319988	1	PUSH BUTTON,
6	47129438	1	PLUG,
7	87319989	1	CAP,
8	5191782	2	SCREW, M6X28
9	5191783	2	RING, LOCKING,
10	5191784	1	CAP,
11	47129462	1	BALL,
12	47130767	2	REGULATOR,
13	5191720	1	KIT, REPAIR,
14	87376020	1	KIT, SERVICE,
15	87384898	1	KIT, SERVICE,
16	5195167	1	KIT, SEALS,

D5029 After Date 04/02/05

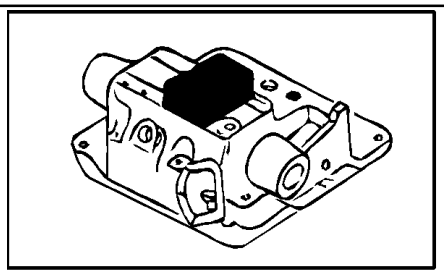
1.82.7/02(01) 4-CONTROL VALVE UNIT



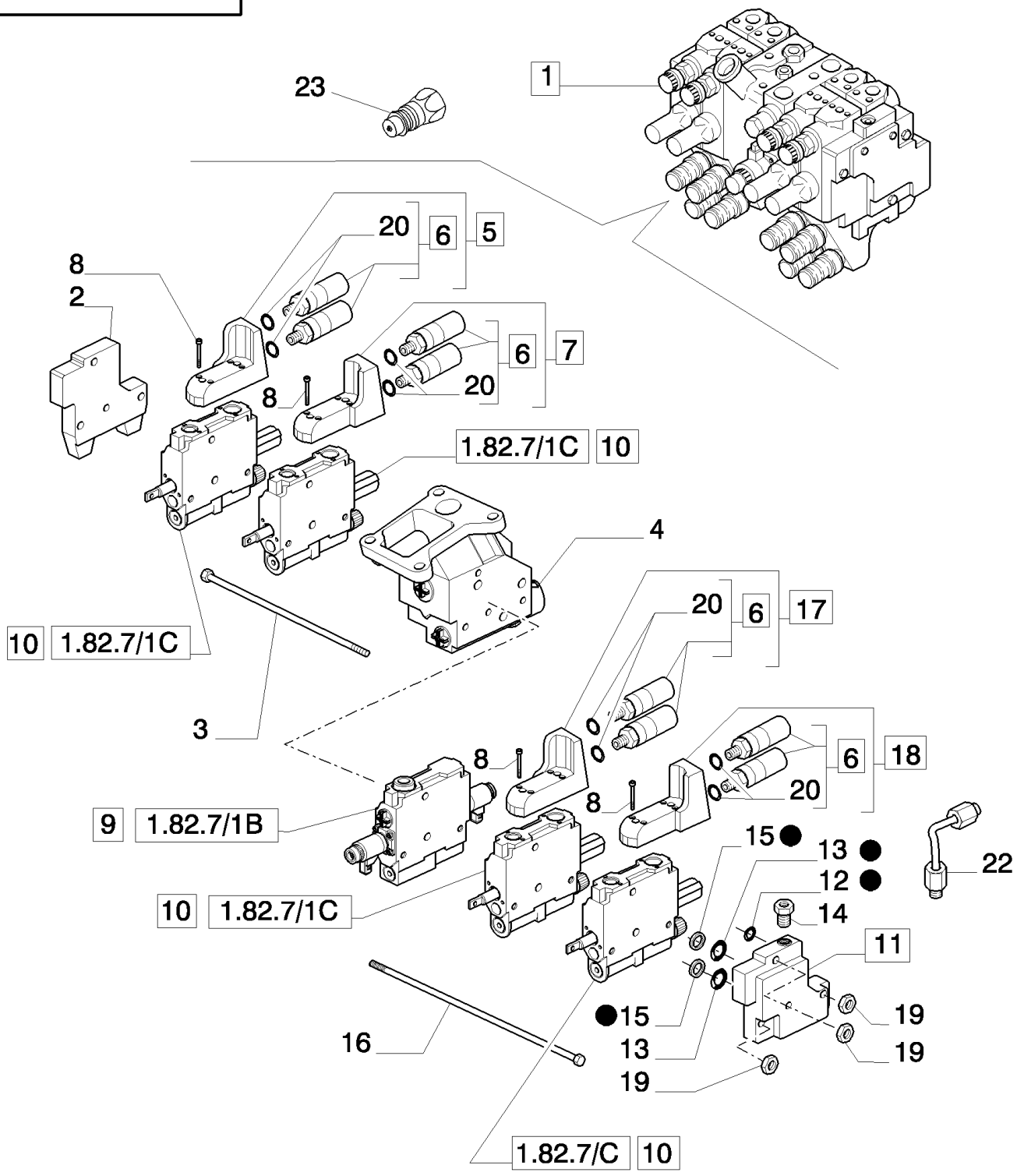


1.82.7/02(01) 4-CONTROL VALVE UNIT

Ref	Part Number	Qty	Description
1	47123175	1	VALVE, CONTROL, ASSY. (BOSCH)
3	82029231	4	BOTTLE,
4	82032061	4	CLIP,
5	82029356	4	SEAL,
6	16204524	2	BOLT, Hex, M10 x 35,
7	14463780	1	O-RING, -219, 70 Duro, 1.296" ID x .139" Thk,
8	82005372	1	COVER,
9	5188836	4	DUST CAP, , BSN ACM199911
9	82033220	4	DUST CAP, , ASN ACM199912
10	82029892	2	DISC, Green
10	82029893	2	DISC, Blue
10	82029894	2	DISC, Brown
10	82029895	2	DISC, Black
11	12164714	2	NUT, M10 x 1.25, Cl 8,
12	14305221	8	SCREW, Hex Soc Hd, M6 x 16, 8.8,
13	5189606	4	SUPPORT,
14	13449724	2	STUD, M10X1,25X30
15	87308094	1	BRACKET,
16	82030587	1	BRACKET,
17	10902424	2	BOLT, Hex, M6 x 20, 8.8, Full Thd,
18	14496404	2	WASHER, LOCK, 6X12,5
19	5189351	1	BRACKET,
20	14496721	2	WASHER, M12 x 24 x 2.5,
21	15540321	1	BOLT, Hex, M12 x 1.25 x 25, 8.8, Full Thd,
21	15540824	1	BOLT, Hex, M12 x 1.25 x 50, 8.8,



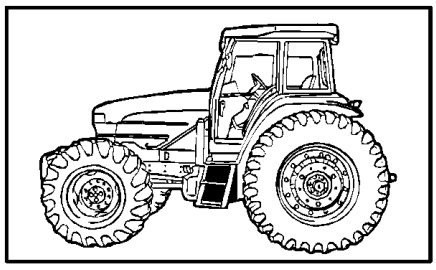
KIT ● = 21


23
1
20
6
5
8
2
6
7
20
8
1.82.7/1C
10
4
10
1.82.7/1C
20
6
17
3
8
6
18
20
8
9
1.82.7/1B
15 ●
13 ●
12 ●
22
10
1.82.7/1C
14
11
16
15 ●
19
13
19
19
1.82.7/C
10

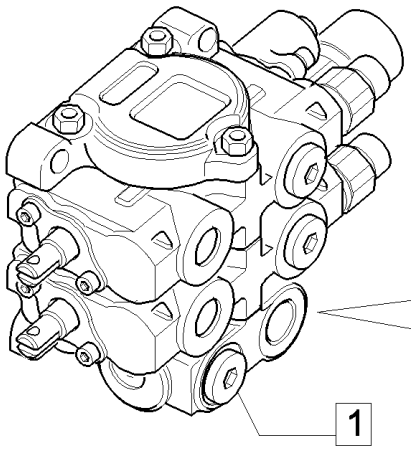
1.82.7/02(02) 4-CONTROL VALVE UNIT

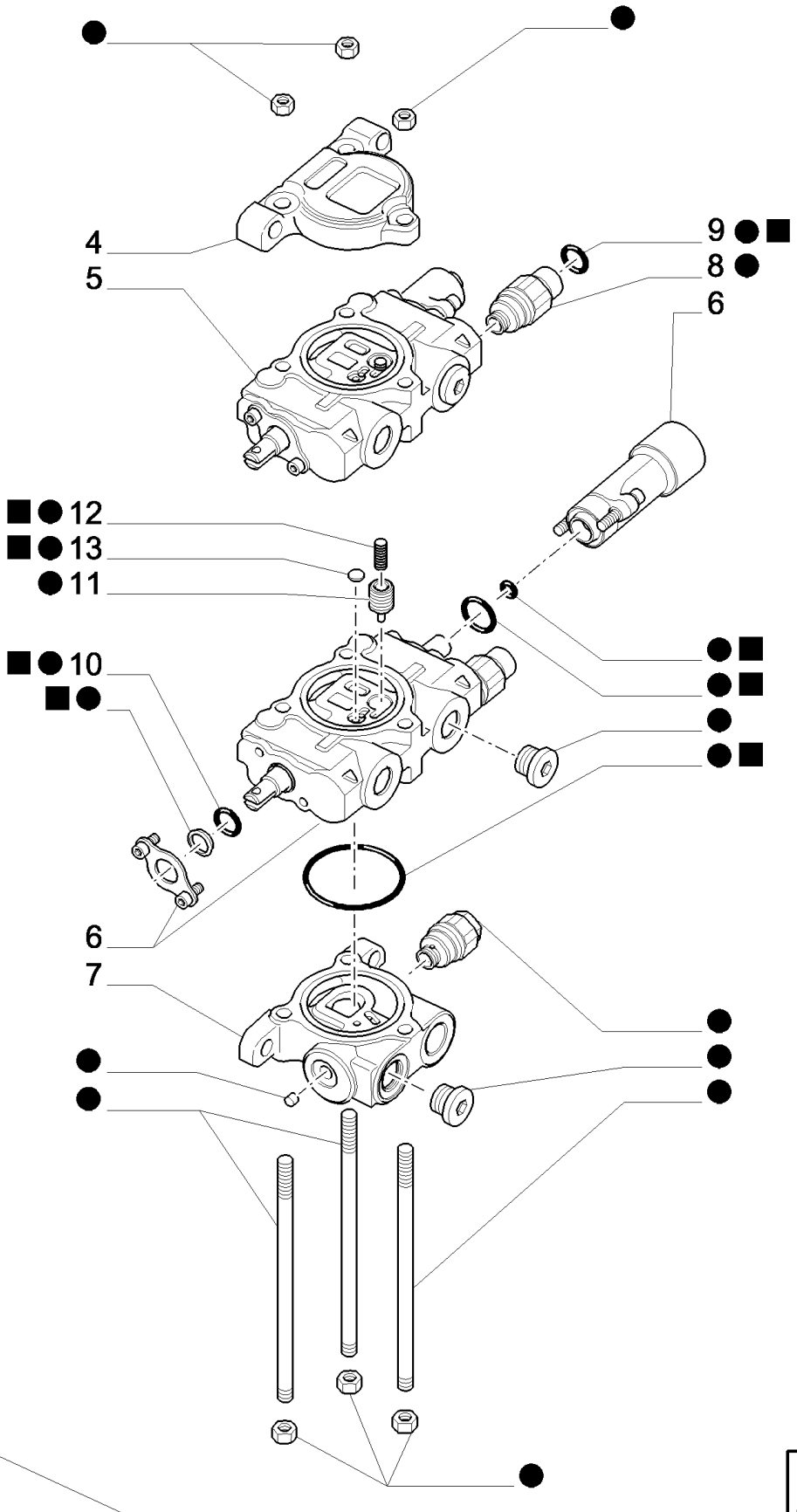
Ref	Part Number	Qty	Description
1	47123175	1	VALVE, CONTROL, ASSY., BOSCH
2	5190710	1	PLATE, END,
3	5195170	3	SCREW,
4	47123177	1	BODY, ASSY
5	5191811	1	VALVE, HYDRAULIC, , BSN 293075
5	87381984	1	VALVE, HYDRAULIC, , ASN 293076
6	5190882	8	COUPLING, QUICK, FEMALE, Incl. Ref. 20, BSN 293075
6	87381944	8	COUPLING, PUSH-PULL, , ASN 293076
7	5191808	1	VALVE, HYDRAULIC, , BSN 293075
7	87381983	1	COUPLING, PUSH-PULL, , ASN 293076
8	14305971	16	SCREW, Hex Soc Hd, M6 x 45, 12.9,
9	5195159	1	VALVE, CONTROL, ASSY
10	5195165	4	VALVE, HYDRAULIC, ASSY
11	5195157	1	BODY, Incl. Ref. 12,13, 15
12	81862872	1	SEAL, 2,5X20
13	5190751	2	O-RING, 2,5X18
14	47123176	1	VALVE, HYDRAULIC,
15	5195150	2	SEAL,
16	47123183	3	STUD,
17	5191806	1	VALVE, HYDRAULIC, , BSN 293075
17	87381982	1	COUPLING, PUSH-PULL, , ASN 293076
18	5191803	1	VALVE, HYDRAULIC, , BSN 293075
18	87381981	1	COUPLING, PUSH-PULL, , ASN 293076
19	16100821	3	NUT, M8, Cl 10,
20	14438085	4	O-RING, 19.3MM ID x 2.4 Thk,
21	47126963	1	KIT, SEALS,
22	47126998	1	TUBE, RIGID,
23	5101741	AR	COUPLING, QUICK, MALE,

1.82.7/04A (VAR.440,440/1,440/2) 2 CONTROL VALVES WITH MECHANICAL JOYSTICK FOR LOADER - PARTS COMPONENTS



KIT
● = 2
■ = 3

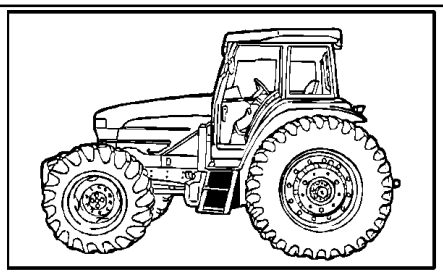


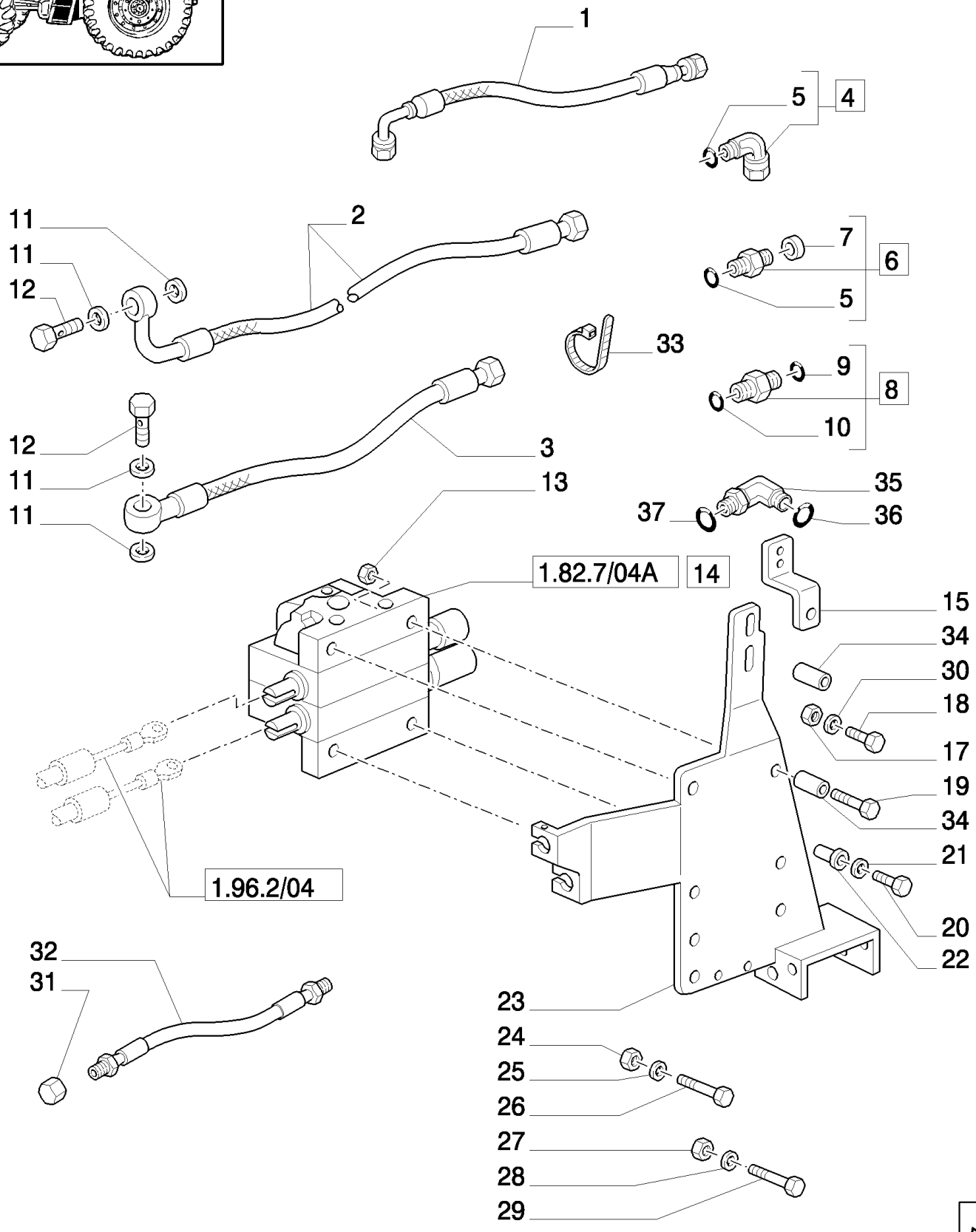


1.82.7/04A (VAR.440,440/1,440/2) 2 CONTROL VALVES WITH MECHANICAL JOYSTICK FOR LOADER - PARTS COMPONENTS

Ref	Part Number	Qty	Description
1	82019733	1	VALVE, CONTROL, ASSY
2	82039635	1	KIT, SERVICE,
3	82034757	1	KIT, SEALS,
4	82030637	1	VALVE, HYDRAULIC, End Cap
5	82030635	1	VALVE, HYDRAULIC, No Float
6	82030634	1	VALVE, HYDRAULIC, Float Detent
7	82030632	1	VALVE, HYDRAULIC, Inlet Section
8	86582451	2	CONNECTOR, HYD., ASSY
9	14453181	2	O-RING, -014, Cl 7, .489" ID x .070" Thk,
10	14457180	4	O-RING, -113, 70 Duro, .549" ID x .103" Thk,
11	75289566	2	SPOOL,
12	75289565	2	SPRING,
13	75312804	1	DISC,

1.82.7/06 (VAR.440/2) CONTROL VALVES WITH JOYSTICK FOR LOADER WITH SPRUNG CAB AND PIPES





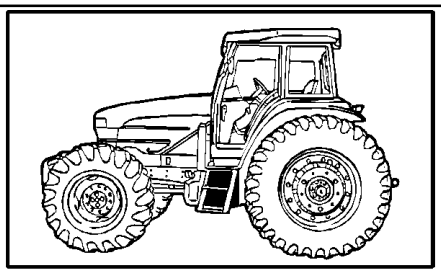
1.82.7/06 (VAR.440/2) CONTROL VALVES WITH JOYSTICK FOR LOADER WITH SPRUNG CAB AND PIPES

Ref	Part Number	Qty	Description
1	82021012	1	HOSE, FLEXIBLE, HYDR. PUMP LOAD SENSE, LENGTH=MM.1700, BSN ACM259775
1	87312861	1	HOSE, HYDR. PUMP LOAD SENSE, LENGTH=MM.1700, ASN ACM259776
2	82023455	1	HOSE, FLEXIBLE, VALVE RETURN, LENGTH=MM.1680, BSN ACM259775
2	87312890	1	HOSE, VALVE RETURN, LENGTH=MM.1680, ASN ACM259776
3	82028272	1	HOSE, FLEXIBLE, VALVE SUPPLY, LENGTH=MM.735, TM120, TM130, TM140, TM155
3	82028168	1	HOSE, FLEXIBLE, LENGTH=1360MM, TM175, TM190
4	82020198	1	CONNECTOR, HYD., 9/16"-18
5	9825770	2	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
6	82016839	1	CONNECTOR, HYD., 9/16"-18 UN-2A/M10 x 1
7	82016610	1	SEAL,
8	82019638	1	CONNECTOR, HYD., M22X1,5 1"-14UN-2A, TM120, TM130, TM140, TM155
9	14438085	1	O-RING, 19.3MM ID x 2.4 Thk, TM120, TM130, TM140, TM155
10	9992069	1	O-RING, -016, 90 Duro, .614" ID x .070" Thk, TM120, TM130, TM140, TM155
11	5165897	4	WASHER, SEALING, 22,7X30X2
12	5112588	2	BOLT, BANJO, M22X1,5X40
13	11701721	3	NUT, M10, Cl 10,
14	82019733	1	VALVE, CONTROL,
15	82027947	1	BRACKET,
16	82020123	1	SPACER, 11X25X30
17	16102311	2	NUT, Thin, M8 x 1.25, Cl 04,
18	15213321	2	BOLT, Hex, M8 x 35, 8.8, TM120, TM130, TM140, TM155
18	16043624	2	BOLT, Hex, M8 x 25, 8.8, Full Thd,
19	11106424	4	BOLT, Hex, M10 x 30, 8.8, Full Thd,
19	16040821	1	BOLT, Hex, M10 x 40, 8.8, Full Thd,
19	82022265	1	SCREW, M10X1,5X30
20	15971424	1	BOLT, Hex, M10 x 1.25 x 80, 8.8,
20	15971624	1	BOLT, Hex, M10 x 1.25 x 90, 8.8,
21	12626204	2	WASHER, M10 x 25 x 3,
22	82009429	1	BUSHING,
23	82022295	1	BRACKET, TM 120,TM 130, TM140,TM 155
23	82022245	1	BRACKET, TM 175, TM 190
24	100038	1	NUT, LOCK, M12 x 1.75, Cl 8,
25	86511324	1	WASHER, M12 x 24 x 2.5,
26	11114231	1	BOLT, Hex, M12 x 100, 10.9,
27	14048221	1	NUT, LOCK, M8 x 1.25, Cl 10,
28	12646704	1	WASHER, M8 x 20 x 2,
29	16046131	1	BOLT, Hex, M8 x 100, 10.9,
30	14496504	2	WASHER, M8 x 17 x 1.6,
31	83987627	1	CAP, 1"
32	82028309	1	HOSE, FLEXIBLE, 1"-14UNF - M22 x 1,5 LENGTH=400MM, -C5145
32	87312886	1	HOSE, Valve Supply, Rear, 1"-14 UNF - M22 x 1.5, Lenght 470 MM, D5145-
33	263117	1	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
34	5120607	1	SPACER, 10 x 20 x 12, TM120, TM130, TM140, TM155
35	86579697	1	ELBOW, 90є, 1 3/16"-12 ORFS x M27 x 2 ORB,
36	9991976	1	O-RING, -018, 90 Duro, .739" ID x .070" Thk,

1.82.7/06 (VAR.440/2) CONTROL VALVES WITH JOYSTICK FOR LOADER WITH SPRUNG CAB AND PIPES

Ref	Part Number	Qty	Description
37	86598103	1	O-RING, CI 6, 23.6MM ID x 2.9 Thk,

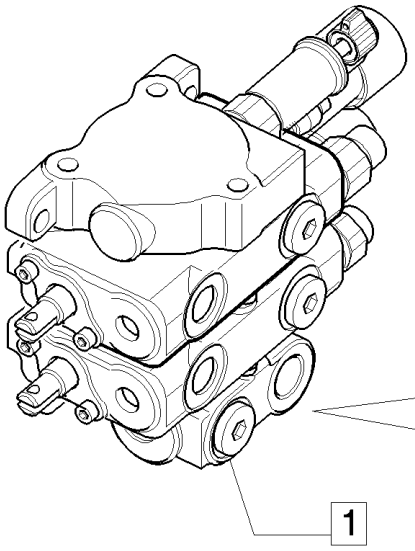
1.82.7/07A (VAR.444,714,714/1) 2 CONTROL VALVES WITH MECHANICAL JOYSTICK FOR FRONT LIFT - PARTS COMPONENTS

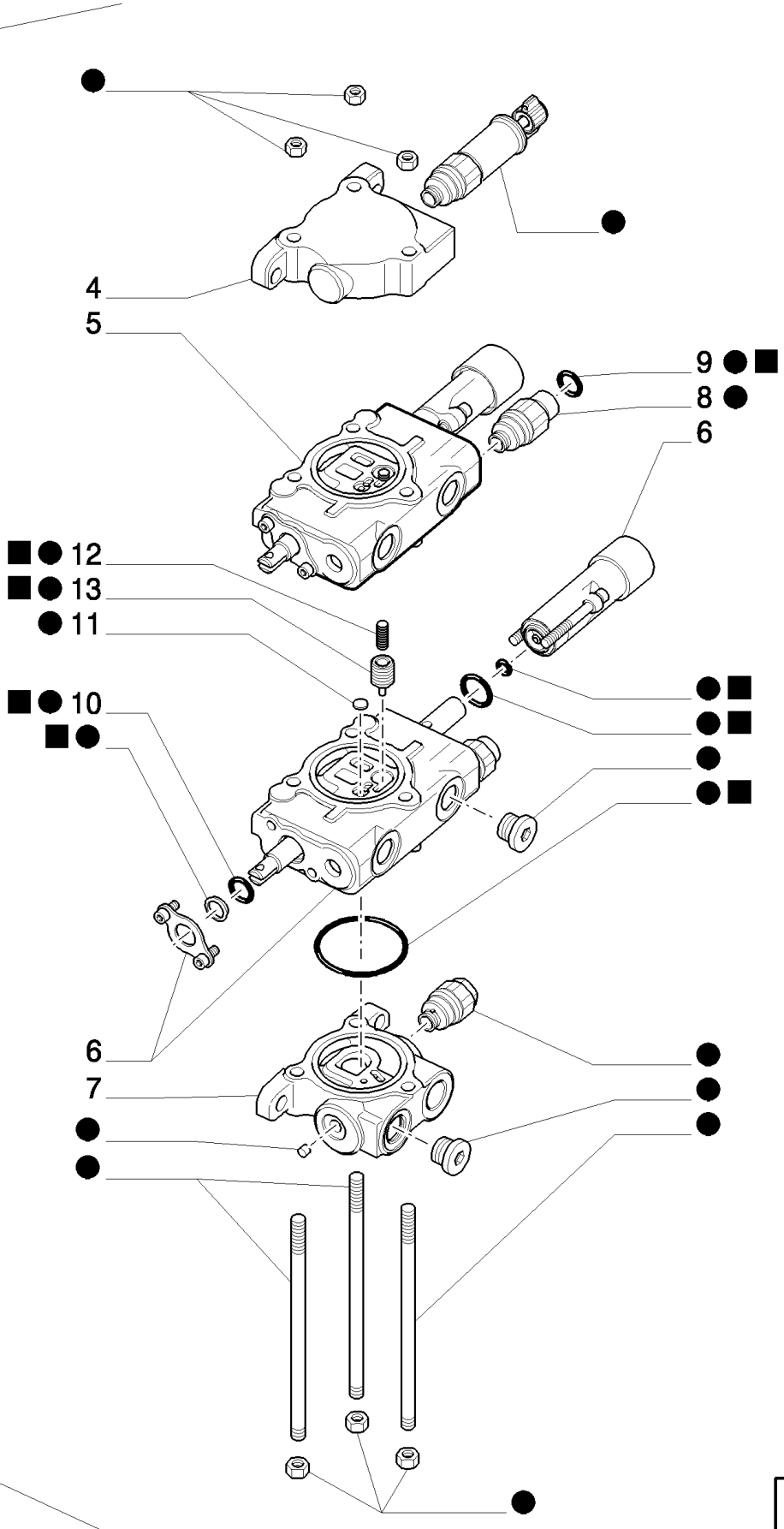


KIT

● = 2

■ = 3

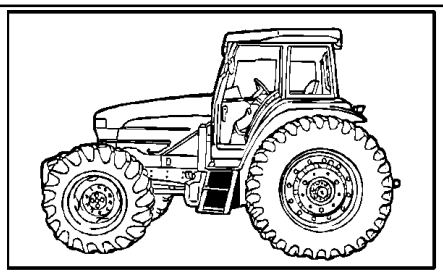


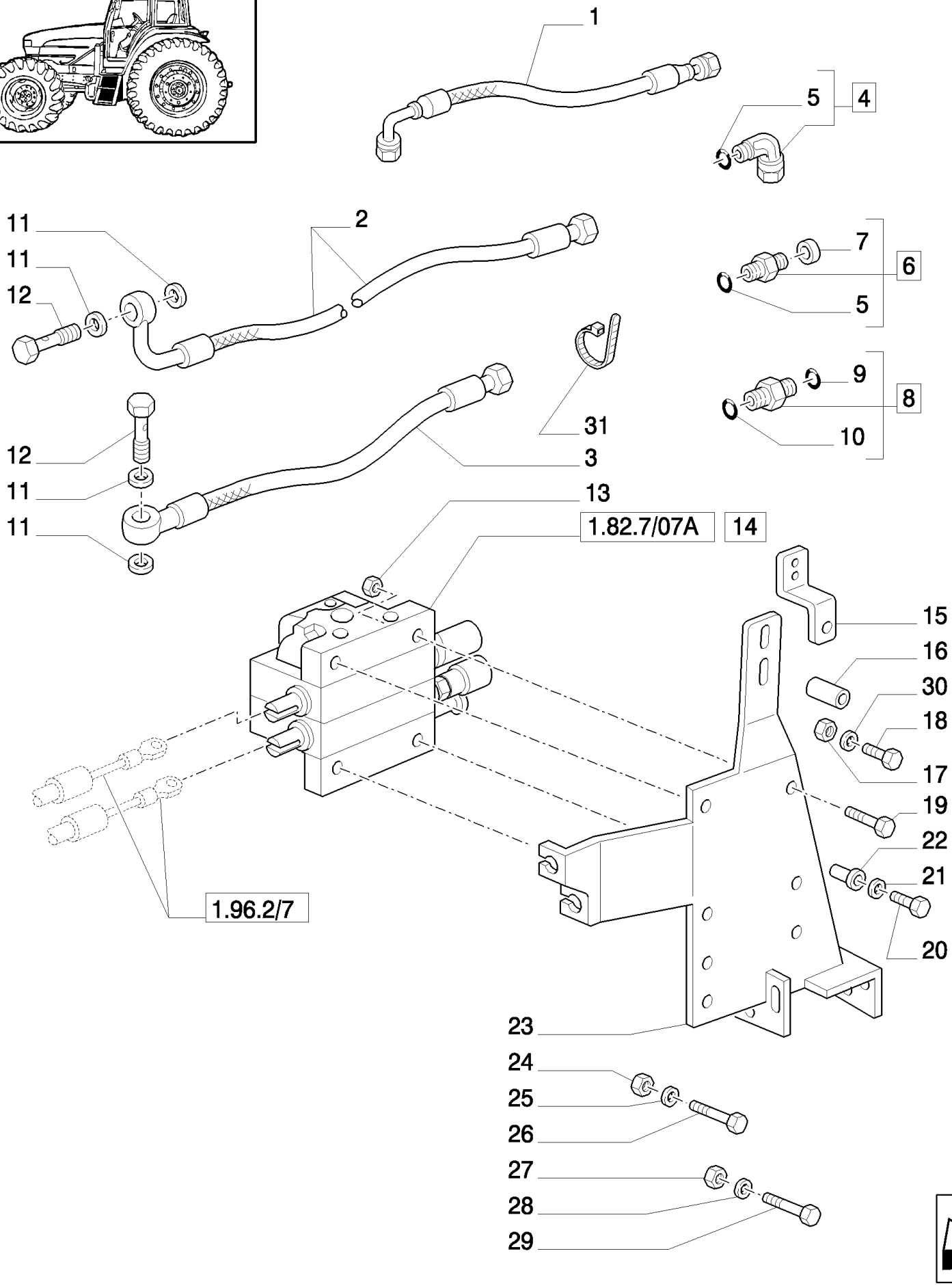


1.82.7/07A (VAR.444,714,714/1) 2 CONTROL VALVES WITH MECHANICAL JOYSTICK FOR FRONT LIFT - PARTS COMPONENTS

Ref	Part Number	Qty	Description
1	82019734	1	VALVE, CONTROL, ASSY
2	82039634	1	KIT, REPAIR,
3	82034759	1	KIT, HYD PUMP REPAIR,
4	82039640	1	VALVE, CONTROL, ASSY
5	82039639	1	ASSY
6	82039638	1	VALVE, CONTROL, ASSY
7	82039637	1	End Cap
8	86582451	2	CONNECTOR, HYD., ASSY
9	14453181	2	O-RING, -014, Cl 7, .489" ID x .070" Thk,
10	14457180	4	O-RING, -113, 70 Duro, .549" ID x .103" Thk,
11	75312804	1	DISC,
12	75289565	1	SPRING,
13	75289566	1	SPOOL,

1.82.7/09(02) (VAR.714/1) CONTROL VALVES WITH JOYSTIC FOR FRONT LIFT WITH CAB AND SUSPENSIONS - PIPES

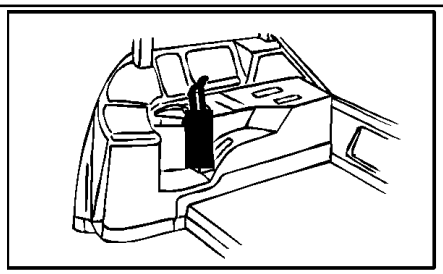


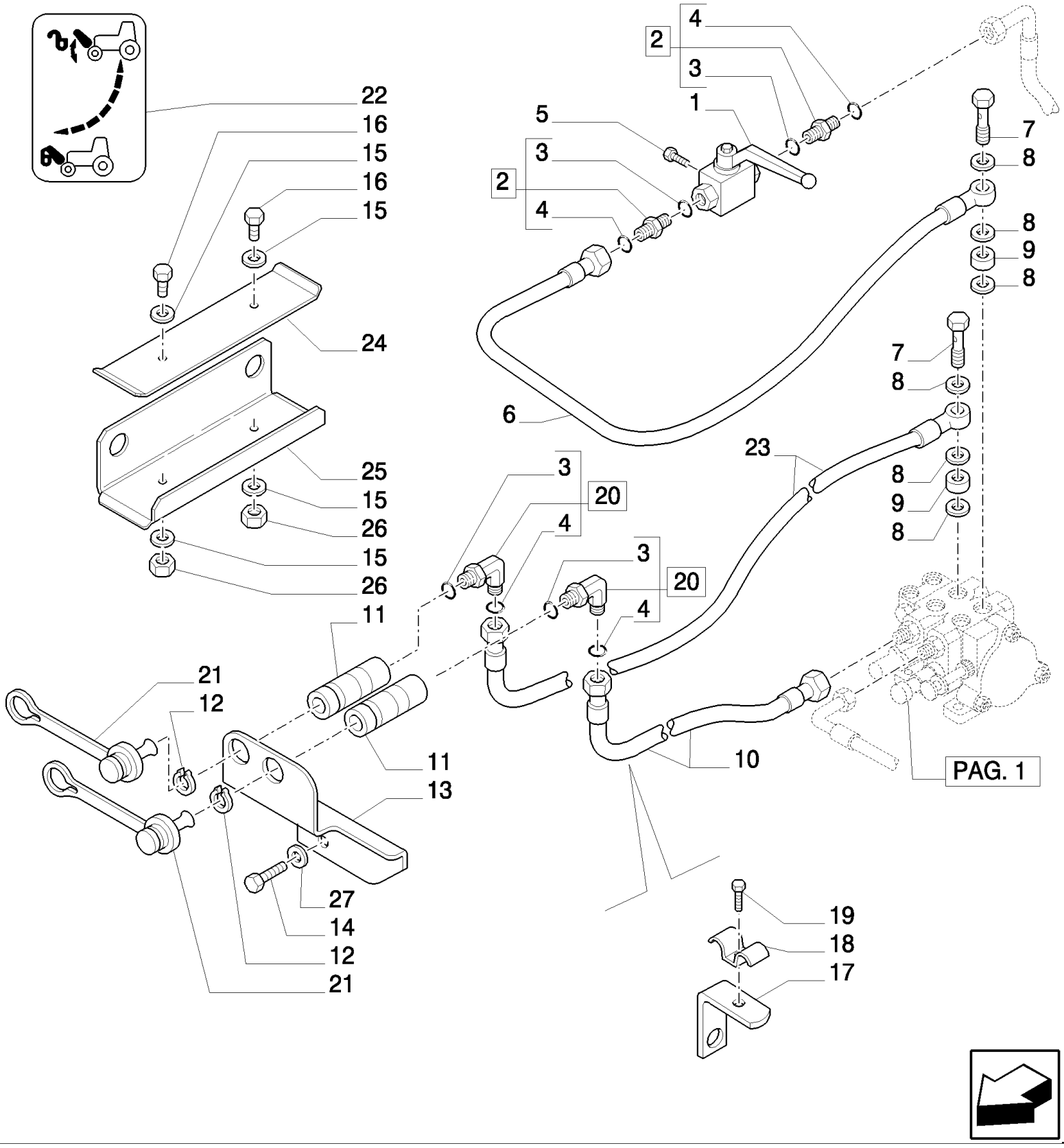


1.82.7/09(02) (VAR.714/1) CONTROL VALVES WITH JOYSTIC FOR FRONT LIFT WITH CAB AND SUSPENSIONS - PIPES

Ref	Part Number	Qty	Description
1	82021012	1	HOSE, FLEXIBLE, HYDR.PUMP LOAD SENSE,LENGTH=MM.1700, BSN ACM259775
1	87312861	1	HOSE, HYDR.PUMP LOAD SENSE,LENGTH=MM.1700, ASN ACM259776
2	82023455	1	HOSE, FLEXIBLE, VALVE RETURN,LENGTH=MM.1680, BSN ACM259775
2	87312890	1	HOSE, VALVE RETURN,LENGTH=MM.1680, ASN ACM259776
3	82028168	1	HOSE, FLEXIBLE, VALVE SUPPLY,LENGTH=MM.1360
4	82020198	1	CONNECTOR, HYD., 9/16"-18
5	9825770	2	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
6	82016839	1	CONNECTOR, HYD., 9/16"-18 UN-2A/M10 x 1
7	82016610	1	SEAL,
8	82019638	1	CONNECTOR, HYD., M22X1,5 1"-14UN-2A
9	9992069	1	O-RING, -016, 90 Duro, .614" ID x .070" Thk,
10	14438085	1	O-RING, 19.3MM ID x 2.4 Thk,
11	5165897	4	WASHER, SEALING, 22,7X30X2
12	5112588	2	BOLT, BANJO, M22X1,5X40
13	11701721	3	NUT, M10, Cl 10,
14	82019734	1	VALVE, CONTROL,
15	82027947	1	BRACKET,
16	82020123	1	SPACER, 11X25X30
17	16102311	2	NUT, Thin, M8 x 1.25, Cl 04,
18	16043624	4	BOLT, Hex, M8 x 25, 8.8, Full Thd,
19	11106424	4	BOLT, Hex, M10 x 30, 8.8, Full Thd,
19	82022265	2	SCREW, M10X1,5X30
20	15971424	1	BOLT, Hex, M10 x 1.25 x 80, 8.8,
20	15971624	1	BOLT, Hex, M10 x 1.25 x 90, 8.8,
21	12626204	2	WASHER, M10 x 25 x 3,
22	82009429	1	BUSHING,
23	82022295	1	BRACKET,
24	100038	1	NUT, LOCK, M12 x 1.75, Cl 8,
25	86511324	1	WASHER, M12 x 24 x 2.5,
26	11114231	1	BOLT, Hex, M12 x 100, 10.9,
27	14048221	1	NUT, LOCK, M8 x 1.25, Cl 10,
28	12646704	1	WASHER, M8 x 20 x 2,
29	16046131	1	BOLT, Hex, M8 x 100, 10.9,
30	14496504	4	WASHER, M8 x 17 x 1.6,
31	263117	1	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L

1.82.7/09(03) (VAR.714/1) CONTROL VALVES WITH JOYSTIC FOR FRONT LIFT WITH CAB AND SUSPENSIONS - PIPES

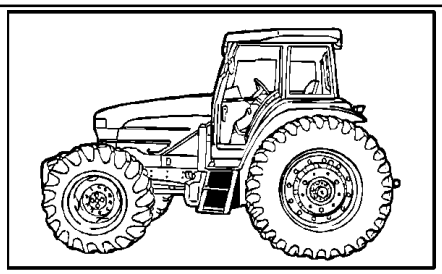


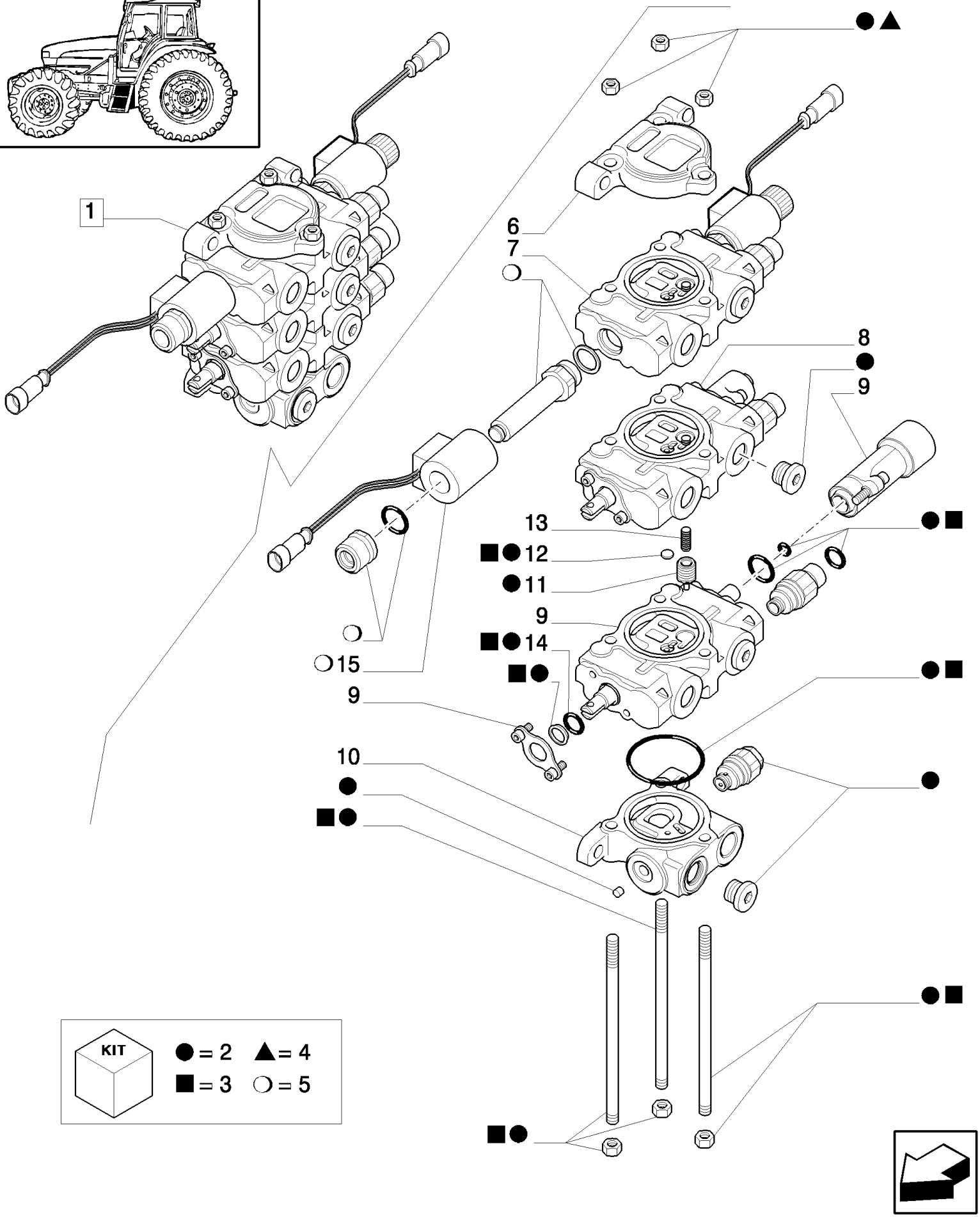


1.82.7/09(03) (VAR.714/1) CONTROL VALVES WITH JOYSTIC FOR FRONT LIFT WITH CAB AND SUSPENSIONS - PIPES

Ref	Part Number	Qty	Description
1	82021833	1	DRAINCOCK/TAP, SUPPLY,
2	5185524	2	CONNECTOR, HYD.,
3	5135738	4	O-RING, -115, Cl 9, .674" ID x .103" Thk,
4	5185512	4	O-RING, 15,6 ID x 1,78 Thk
5	10977821	2	BOLT, Hex, M5 x 16, 8.8, Full Thd,
6	82020489	1	HOSE, FLEXIBLE, MID MOUNT VALVE TO SHUT OFF
7	82020490	2	BOLT, BANJO, M18X1,5
8	5167640	6	WASHER, SEALING,
9	82020496	2	SPACER, 18X26X6
10	82023616	1	HOSE, FLEXIBLE, MID MOUNT VALVE TO COUPLER
11	82020499	2	COUPLING, QUICK, MALE,
12	82854996	4	SPRING,
13	82027407	1	BRACKET,
14	11124421	1	BOLT, Hex, M20 x 40, 8.8,
15	14496404	4	WASHER, LOCK, 6X12,5
16	15212521	2	BOLT, Hex, M6 x 35, 8.8, Full Thd,
17	82023661	1	BRACKET,
18	82020602	3	BRACKET,
19	10902224	3	BOLT, Hex, M6 x 16, 8.8, Full Thd,
20	5185563	2	CONNECTOR, HYD.,
21	5179576	2	PLUG, Green, Std.
22	82022067	1	DECAL,
23	82023630	1	HOSE, FLEXIBLE, MID MOUNT VALVE TO COUPLER
24	5195847	1	PLIERS,
25	5195848	1	SUPPORT,
26	353308	4	NUT, LOCK, M6 x 1, Cl 8,
27	14497101	1	WASHER, M20 x 37 x 3,

1.82.7/11A (VAR.244-245/1) VALVE, LOADER MID MOUNT 3 SPOOL - PARTS

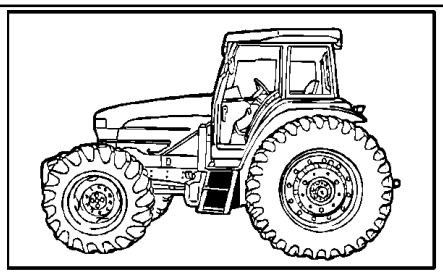


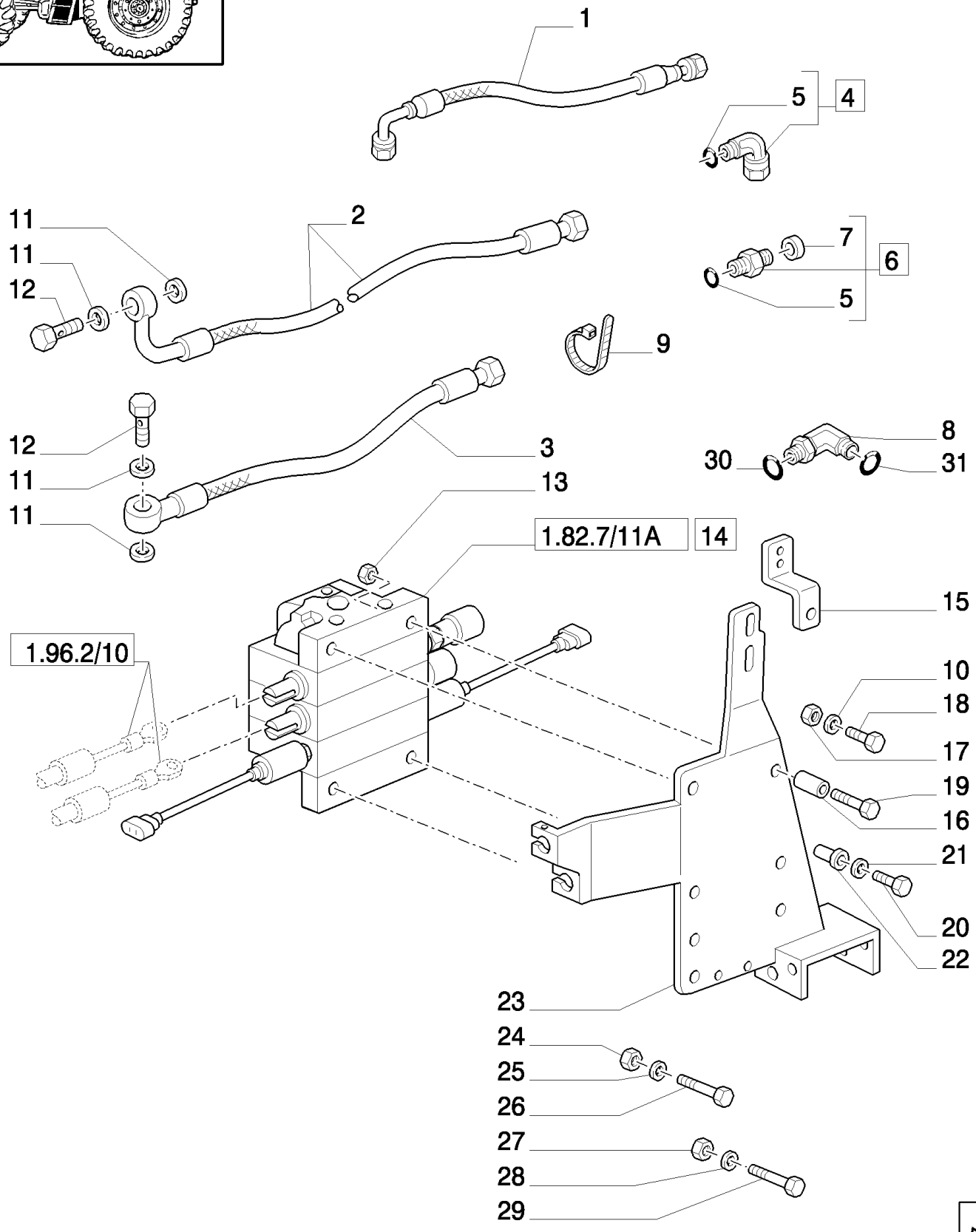


1.82.7/11A (VAR.244-245/1) VALVE, LOADER MID MOUNT 3 SPOOL - PARTS

Ref	Part Number	Qty	Description
1	82030383	1	VALVE, HYDRAULIC, ASSY
2	82039636	1	KIT, SERVICE,
3	82034760	1	KIT, SEALS,
4	86582440	1	KIT,
5	86582449	1	SOLENOID,
6	82030637	1	VALVE, HYDRAULIC, End Cap
7	82030636	1	VALVE, HYDRAULIC, ASSY
8	82030635	1	VALVE, HYDRAULIC, No Float
9	82030634	1	VALVE, HYDRAULIC, Float Detent
10	82030632	1	VALVE, HYDRAULIC, Inlet Section
11	75289566	3	SPOOL,
12	75312804	2	DISC,
13	75289565	3	SPRING,
14	14457180	4	O-RING, -113, 70 Duro, .549" ID x .103" Thk,
15	86582450	1	COIL,

1.82.7/12(02) (VAR.245/1) 3 CONTROL VALVES WITH JOYSTICK WITH SPRUNG CAB - PIPES

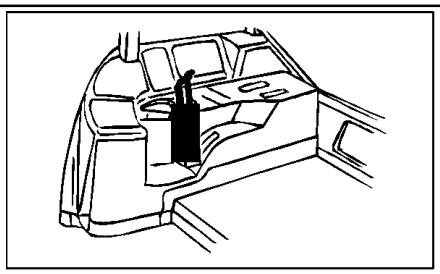


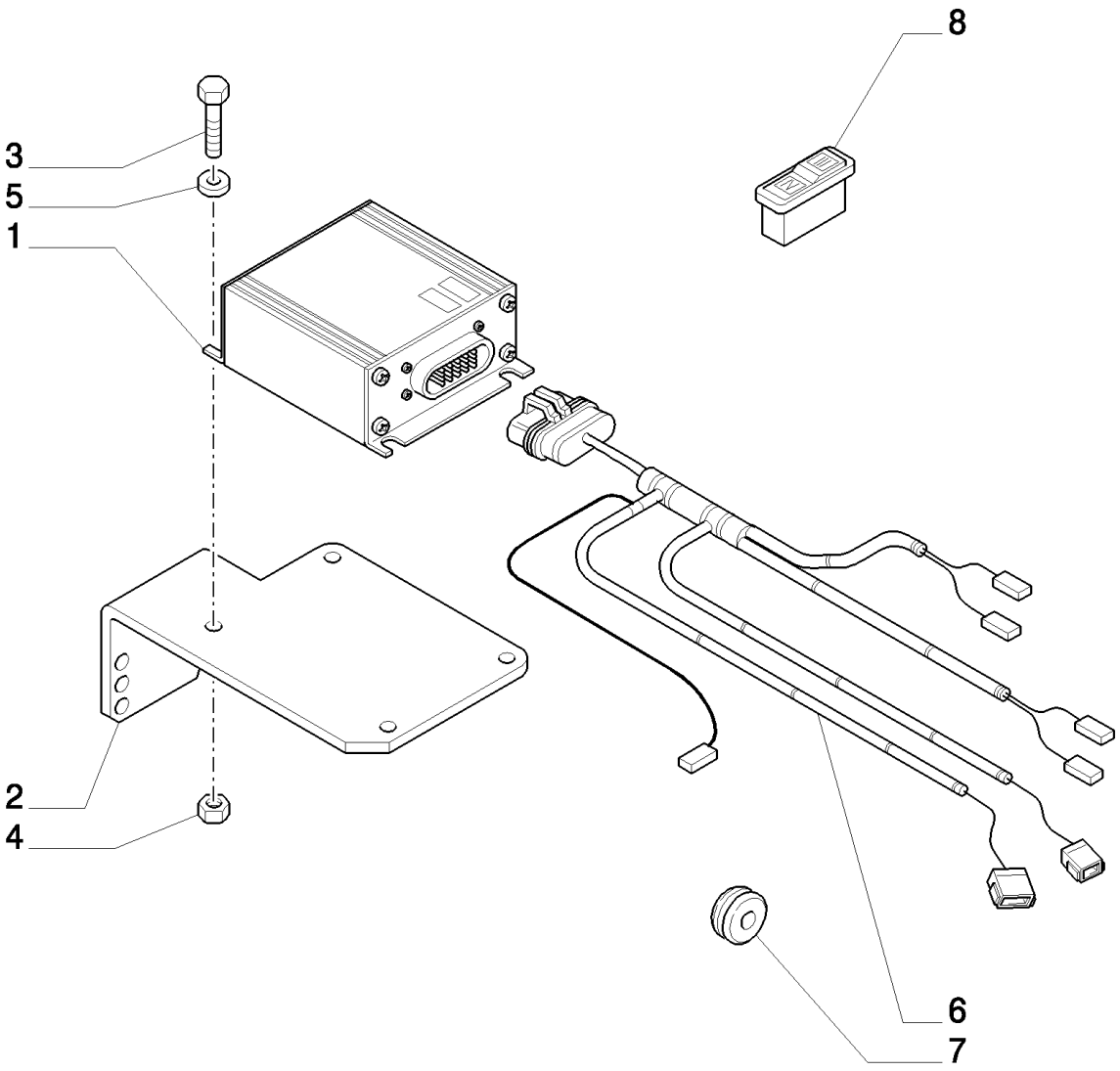


1.82.7/12(02) (VAR.245/1) 3 CONTROL VALVES WITH JOYSTICK WITH SPRUNG CAB - PIPES

Ref	Part Number	Qty	Description
1	82021012	1	HOSE, FLEXIBLE, HYDR.PUMP LOAD SENSE, LENGTH=MM.1700, BSN ACM259775
1	87312861	1	HOSE, HYDR.PUMP LOAD SENSE, LENGTH=MM.1700, ASN ACM259776
2	82023455	1	HOSE, FLEXIBLE, VALVE RETURN, LENGTH=MM.1680, BSN ACM259775
2	87312890	1	HOSE, VALVE RETURN, LENGTH=MM.1680, ASN ACM259776
3	82028168	1	HOSE, FLEXIBLE, LENGTH=1360MM
4	82020198	1	CONNECTOR, HYD., 9/16"-18
5	9825770	2	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
6	82016839	1	CONNECTOR, HYD., 9/16"-18 UN-2A/M10 x 1
7	82016610	1	SEAL,
8	86579697	1	ELBOW, 90є, 1 3/16"-12 ORFS x M27 x 2 ORB,
9	263117	1	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
10	14496504	4	WASHER, M8 x 17 x 1.6,
11	5165897	4	WASHER, SEALING, 22,7X30X2
12	5112588	2	BOLT, BANJO, M22X1,5X40
13	11701721	3	NUT, M10, Cl 10,
14	82030383	1	VALVE, HYDRAULIC,
15	82027947	1	BRACKET,
16	82020123	1	SPACER, 11X25X30
17	16102311	2	NUT, Thin, M8 x 1.25, Cl 04,
18	16043624	4	BOLT, Hex, M8 x 25, 8.8, Full Thd,
19	11106424	1	BOLT, Hex, M10 x 30, 8.8, Full Thd,
19	16040821	1	BOLT, Hex, M10 x 40, 8.8, Full Thd,
19	82022265	1	SCREW, M10X1,5X30
20	15971424	1	BOLT, Hex, M10 x 1.25 x 80, 8.8,
20	15971624	1	BOLT, Hex, M10 x 1.25 x 90, 8.8,
21	12626204	2	WASHER, M10 x 25 x 3,
22	82009429	1	BUSHING,
23	82022245	1	BRACKET,
24	100038	1	NUT, LOCK, M12 x 1.75, Cl 8,
25	86511324	1	WASHER, M12 x 24 x 2.5,
26	11114231	1	BOLT, Hex, M12 x 100, 10.9,
27	14048221	1	NUT, LOCK, M8 x 1.25, Cl 10,
28	12646704	1	WASHER, M8 x 20 x 2,
29	16046131	1	BOLT, Hex, M8 x 100, 10.9,
30	86598103	1	O-RING, Cl 6, 23.6MM ID x 2.9 Thk,
31	9991976	1	O-RING, -018, 90 Duro, .739" ID x .070" Thk,

1.82.7/12(03) (VAR.245/1) 3 CONTROL VALVES WITH JOYSTICK WITH SPRUNG CAB - SWITCH

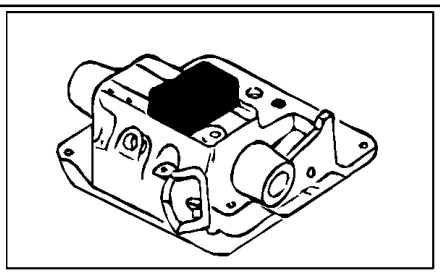




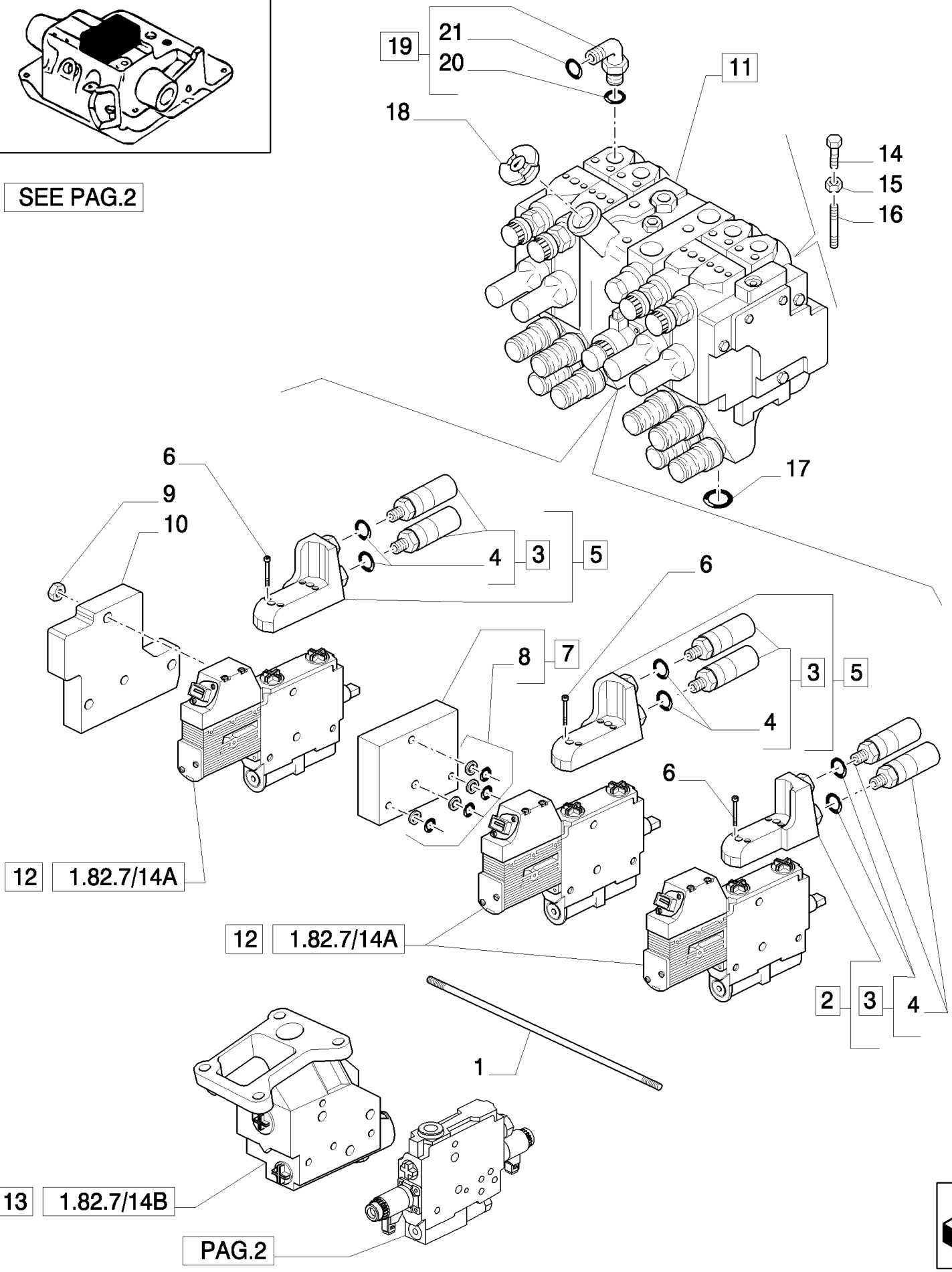
1.82.7/12(03) (VAR.245/1) 3 CONTROL VALVES WITH JOYSTICK WITH SPRUNG CAB - SWITCH

Ref	Part Number	Qty	Description
1	82031402	1	ELECTRONIC UNIT, CONTROL,
2	82031404	1	BRACKET,
3	10902424	4	BOLT, Hex, M6 x 20, 8.8, Full Thd,
4	15896221	4	NUT, M6, Cl 10,
5	14496404	4	WASHER, LOCK, D=6
6	82031403	1	CABLE, ELECTRIC,
7	82031396	2	GROMMET,
8	82031399	1	SWITCH,

1.82.7/14(01) (VAR.252) BATTERY WITH FIVE CONTROL VALVES WITH ELECTRONIC CONTROL



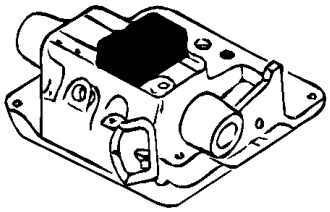
SEE PAG.2



1.82.7/14(01) (VAR.252) BATTERY WITH FIVE CONTROL VALVES WITH ELECTRONIC CONTROL

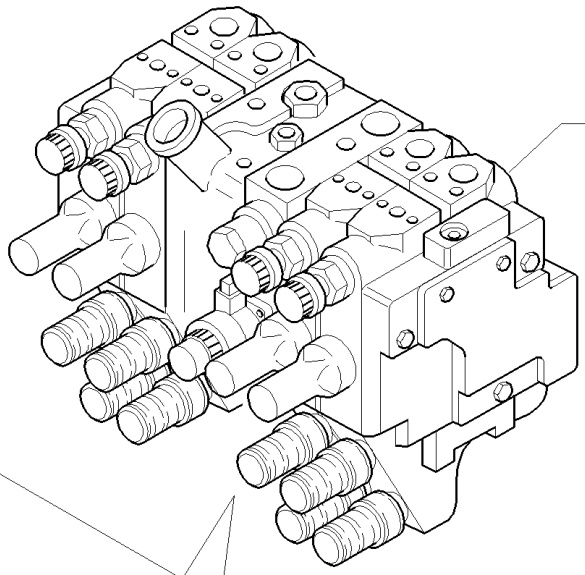
Ref	Part Number	Qty	Description
1	47127002	3	TIE-ROD,
2	5191808	1	VALVE, HYDRAULIC, , BSN 293075
2	87381983	1	COUPLING, PUSH-PULL, , ASN 293076
3	5190882	6	COUPLING, QUICK, FEMALE, , BSN 293075
3	87381944	6	COUPLING, PUSH-PULL, , ASN 293076
4	14438085	6	O-RING, 19.3MM ID x 2.4 Thk,
5	5191811	2	VALVE, HYDRAULIC, , BSN 293075
5	87381984	2	VALVE, HYDRAULIC, , ASN 293076
6	14305971	12	SCREW, Hex Soc Hd, M6 x 45, 12.9,
7	47123182	1	SPACER,
8	47127019	1	KIT, SEALS,
9	16100821	3	NUT, M8, Cl 10,
10	5190710	1	PLATE, END,
11	47123181	1	VALVE, CONTROL,
12	47123179	3	VALVE SECTION, HYD,
13	47123177	1	BODY,
14	16204524	2	BOLT, Hex, M10 x 35,
15	12164714	2	NUT, M10 x 1.25, Cl 8,
16	13449724	1	STUD, M10X1,25X30
17	14463780	1	O-RING, -219, 70 Duro, 1.296" ID x .139" Thk,
18	82005372	1	COVER,
19	47123008	1	ELBOW,
20	14437685	1	O-RING, 9.3MM ID x 2.4 Thk,
21	5185509	1	O-RING,

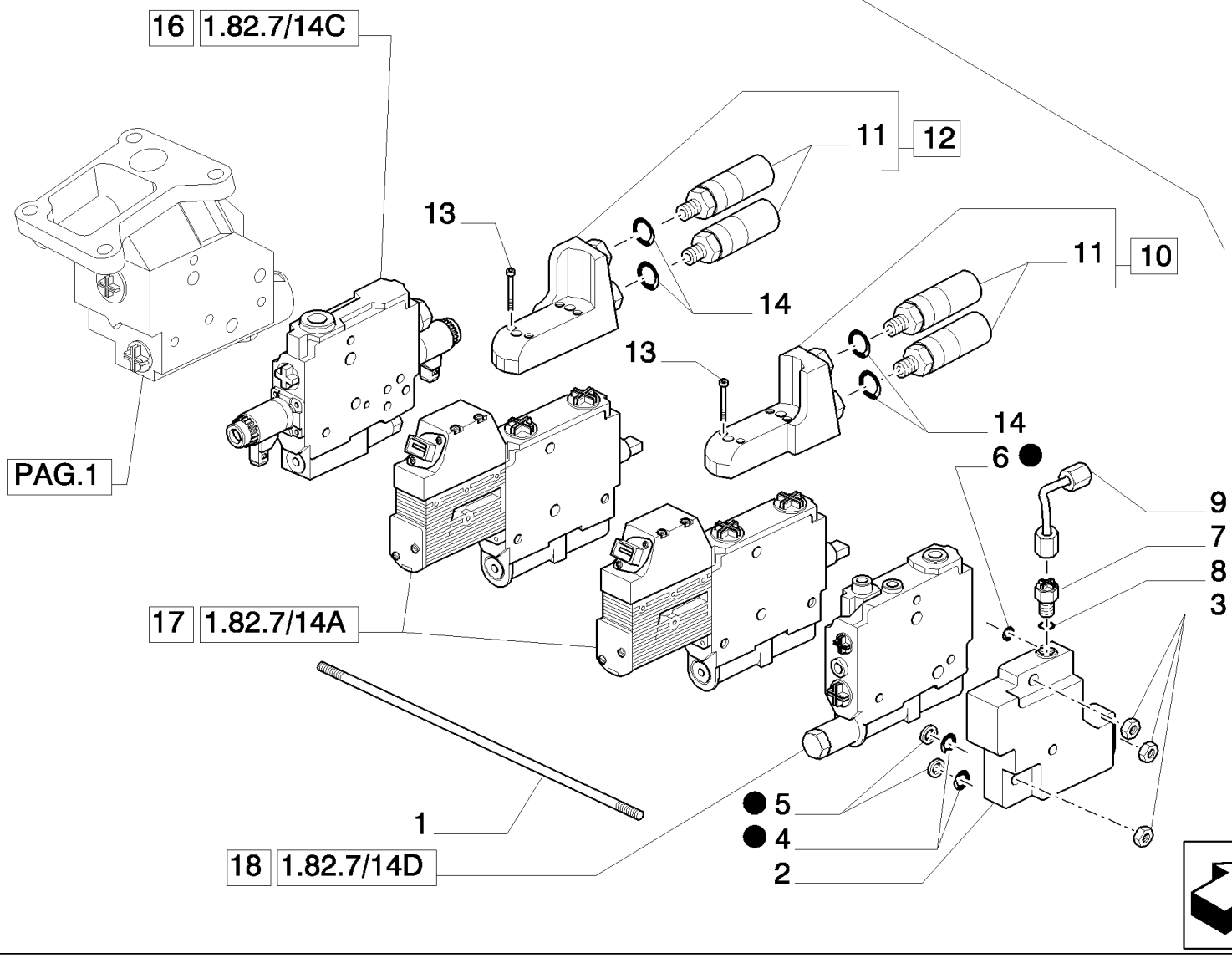
1.82.7/14(02) (VAR.252) BATTERY WITH FIVE CONTROL VALVES WITH ELECTRONIC CONTROL



KIT ● = 19

SEE PAG.1

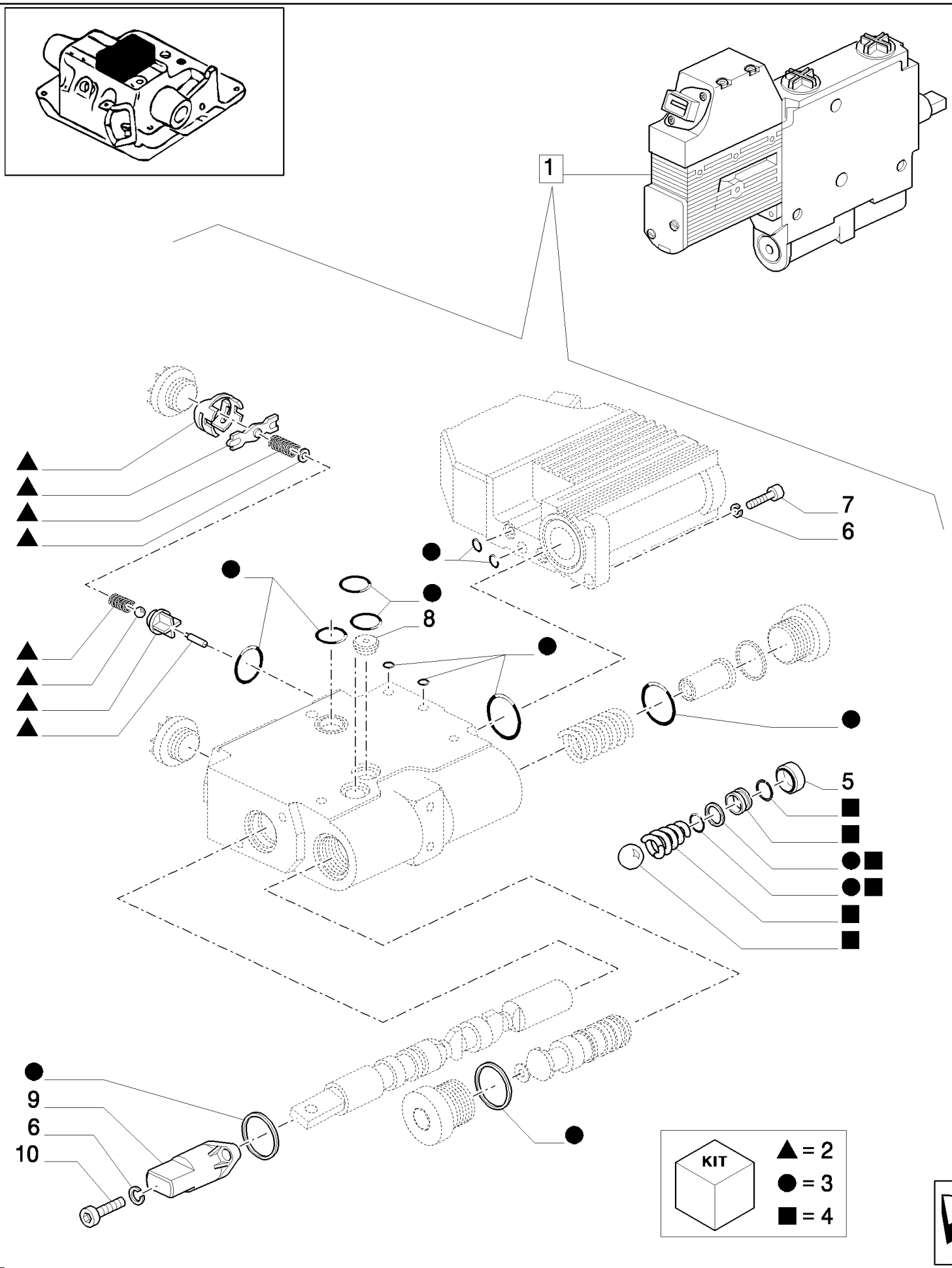




1.82.7/14(02) (VAR.252) BATTERY WITH FIVE CONTROL VALVES WITH ELECTRONIC CONTROL

Ref	Part Number	Qty	Description
1	47123183	3	STUD,
2	5195157	1	BODY, INCL. 4,5,6
3	16100821	3	NUT, M8, Cl 10,
4	5190751	2	O-RING, 2,5X18
5	5195150	2	SEAL,
6	81862872	1	SEAL,
7	5191704	1	VALVE, CHECK,
8	5191705	1	O-RING,
9	47126999	1	TUBE, RIGID,
10	5191803	1	VALVE, HYDRAULIC, , BSN 293075
10	87381981	1	COUPLING, PUSH-PULL, , ASN 293076
11	5190882	4	COUPLING, QUICK, FEMALE, , BSN 293075
11	87381944	4	COUPLING, PUSH-PULL, , ASN 293076
12	5191806	1	VALVE, HYDRAULIC, , BSN 293075
12	87381982	1	COUPLING, PUSH-PULL, , ASN 293076
13	14305971	8	SCREW, Hex Soc Hd, M6 x 45, 12.9,
14	14438085	4	O-RING, 19.3MM ID x 2.4 Thk,
15	47123181	1	VALVE, CONTROL,
16	47123180	1	VALVE, HYDRAULIC,
17	47123179	2	VALVE SECTION, HYD,
18	47123176	1	VALVE, HYDRAULIC,
19	47126963	1	KIT, SEALS,

1.82.7/14A(01) (VAR.252-718) AUXILIARY CONTROL VALVE - COMPONENT PARTS - C5029

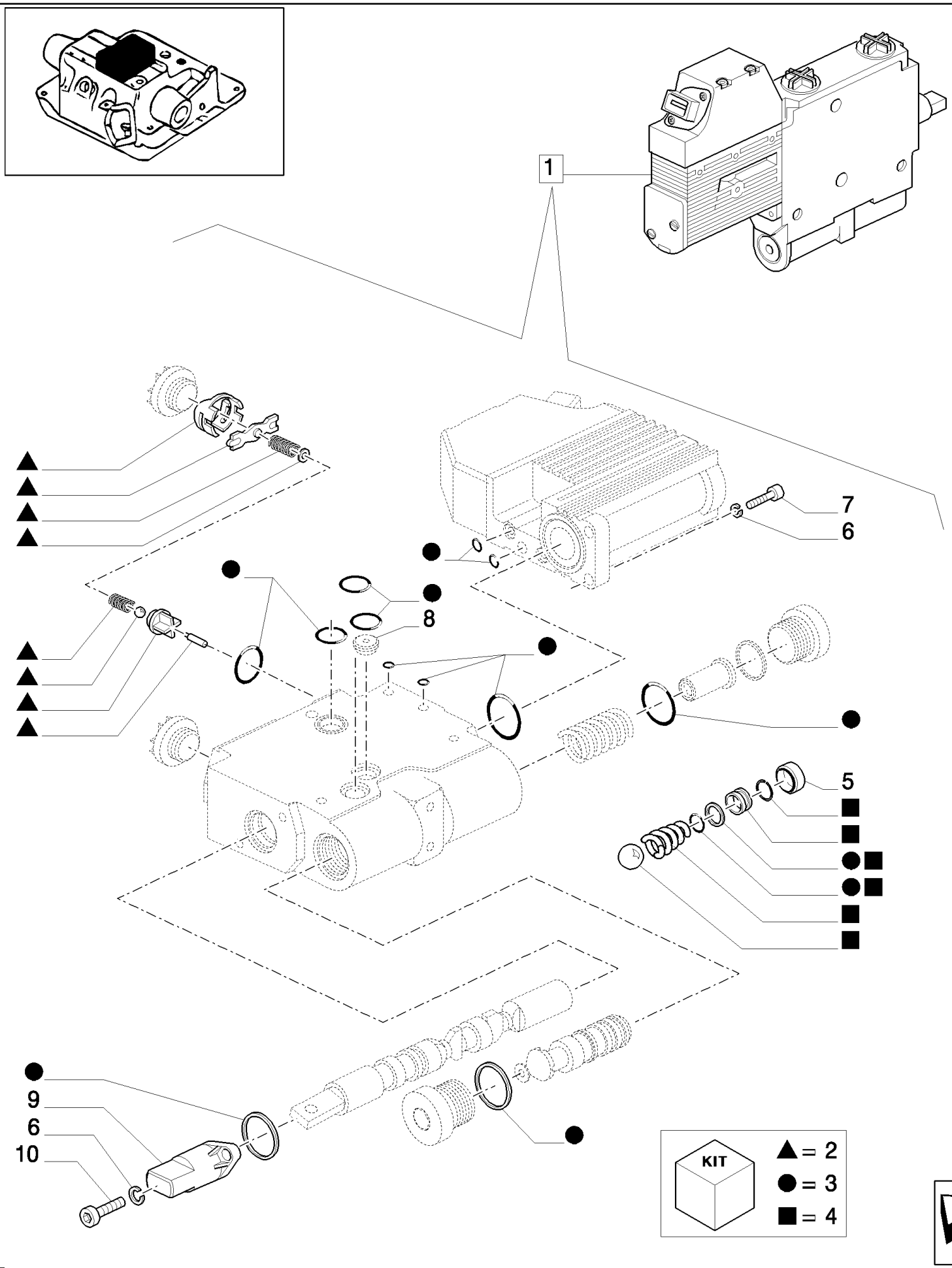


1.82.7/14A(01) (VAR.252-718) AUXILIARY CONTROL VALVE - COMPONENT PARTS - C5029

Ref	Part Number	Qty	Description
1	47123179	5	VALVE SECTION, HYD,
2	5191720	1	KIT, REPAIR,
3	47127009	1	KIT, SEALS,
4	47127010	1	KIT, SERVICE,
5	5191775	1	PLUG,
6	5191783	5	RING, LOCKING,
7	47127008	3	SCREW,
8	47127006	1	SELECTOR,
9	47127007	1	BOOT,
10	47127005	2	SCREW,

C5029 Before Date 04/02/05

1.82.7/14A(01A) (VAR.252-718) AUXILIARY CONTROL VALVE - COMPONENT PARTS - D5029

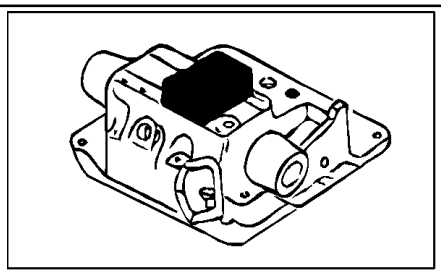


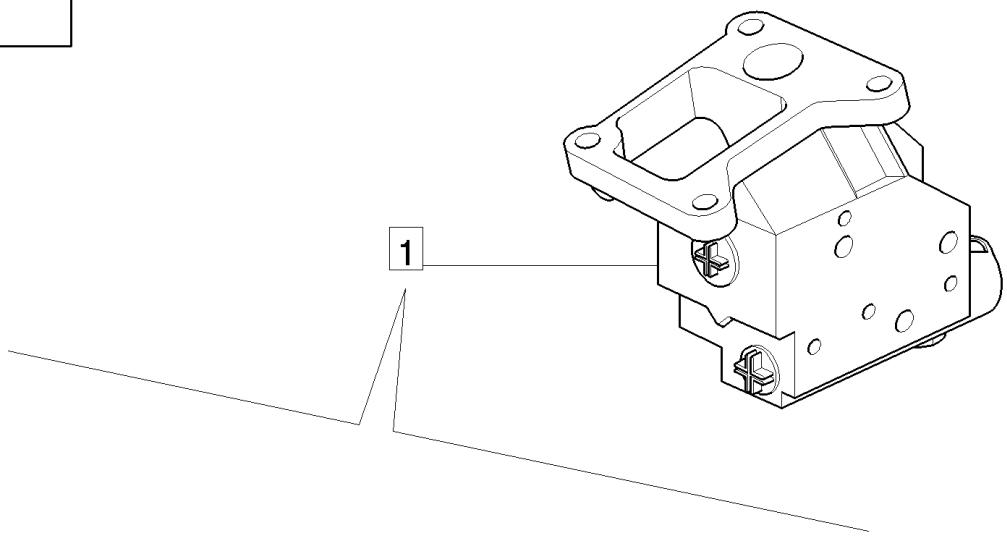
1.82.7/14A(01A) (VAR.252-718) AUXILIARY CONTROL VALVE - COMPONENT PARTS - D5029

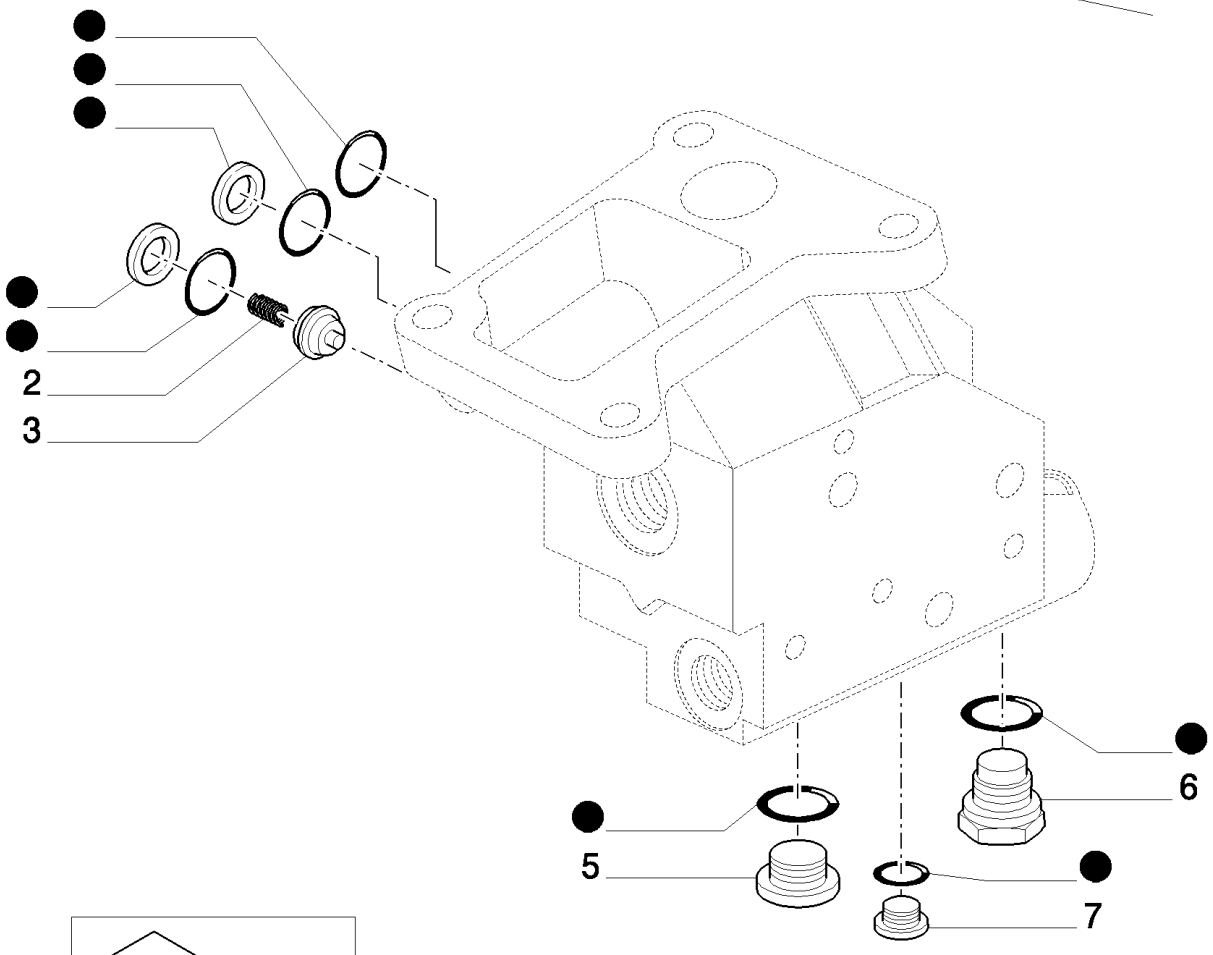
Ref	Part Number	Qty	Description
1	47123179	5	VALVE SECTION, HYD,
2	5191720	1	KIT, REPAIR,
3	47127009	1	KIT, SEALS,
4	87319990	1	KIT, SERVICE,
5	5191775	1	PLUG,
6	5191783	5	RING, LOCKING,
7	47127008	3	SCREW,
8	47127006	1	SELECTOR,
9	47127007	1	BOOT,
10	14305724	2	SCREW, Hex Soc Hd, M6 x 14, 8.8,
11	47129444	1	SPRING,
12	47129443	1	WASHER,
13	47129438	2	PLUG,

D5029 After Date 04/02/05

1.82.7/14B (VAR.252-718) CENTRAL HOUSING BREAKDOWN (REMOTE VALVE)





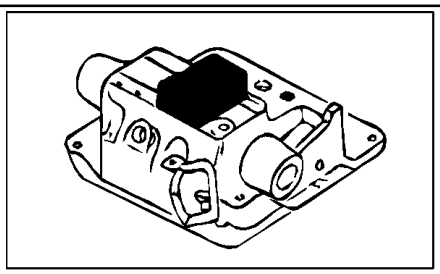


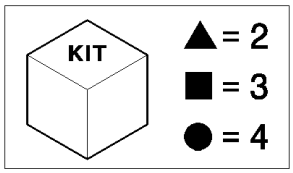
KIT ● = 4

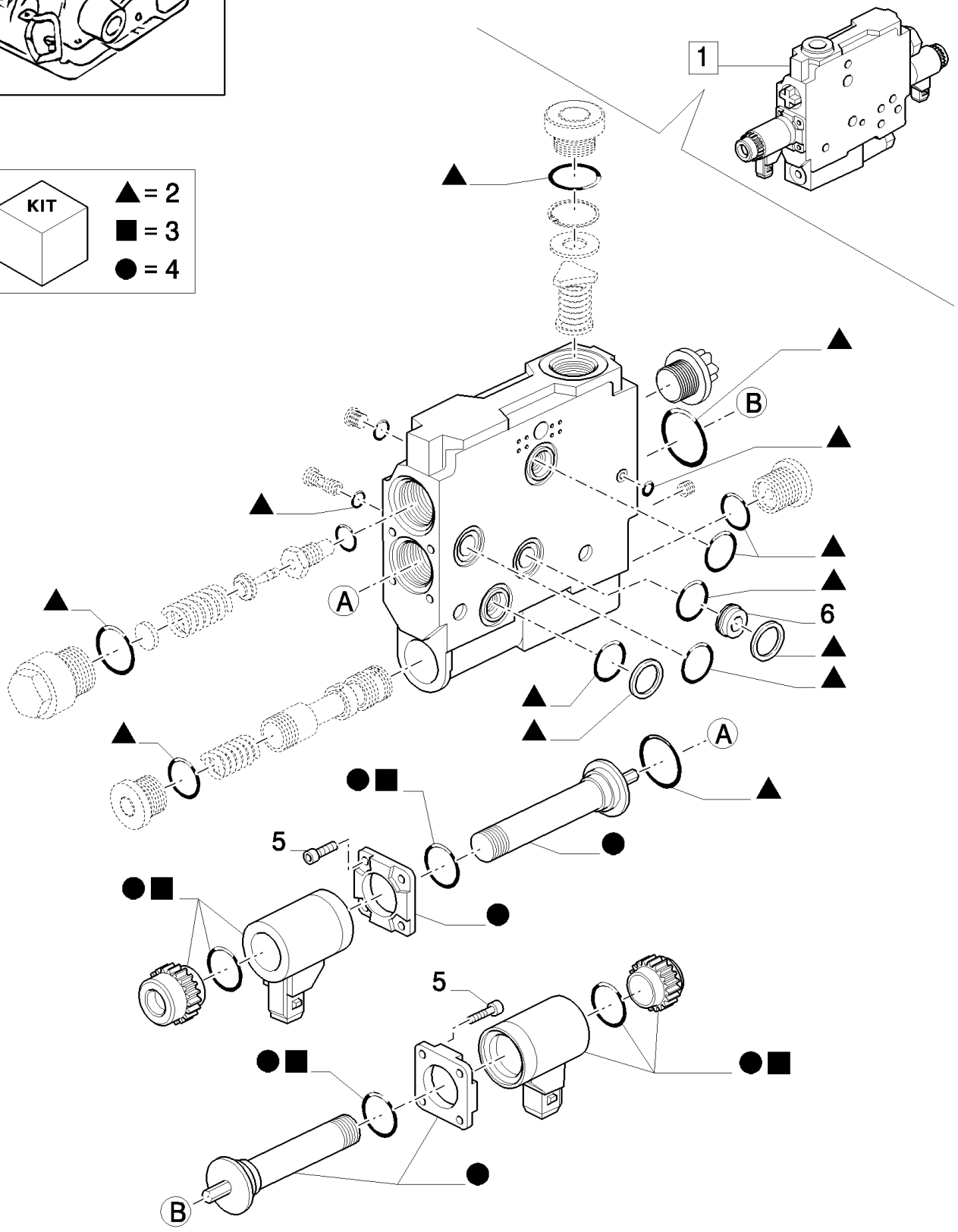
1.82.7/14B (VAR.252-718) CENTRAL HOUSING BREAKDOWN (REMOTE VALVE)

Ref	Part Number	Qty	Description
1	47123177	1	BODY, ASSY., Support Column
2	5191717	1	SPRING,
3	5191716	1	BUSHING,
4	47126955	1	KIT, SEALS,
5	10119011	1	PLUG, M27 x 2 x 20, Cl5.8,
6	5191715	1	PLUG,
7	10118611	1	PLUG, M12 x 1.5 x 15, Cl5.8,

1.82.7/14C (VAR.252-718) AUXILIARY CONTROL VALVE - COMPONENT PARTS





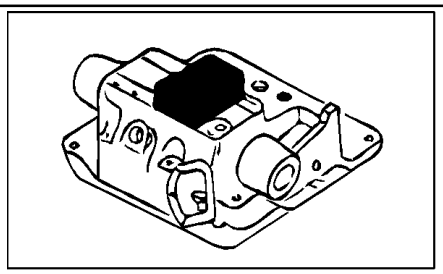


1.82.7/14C (VAR.252-718) AUXILIARY CONTROL VALVE - COMPONENT PARTS

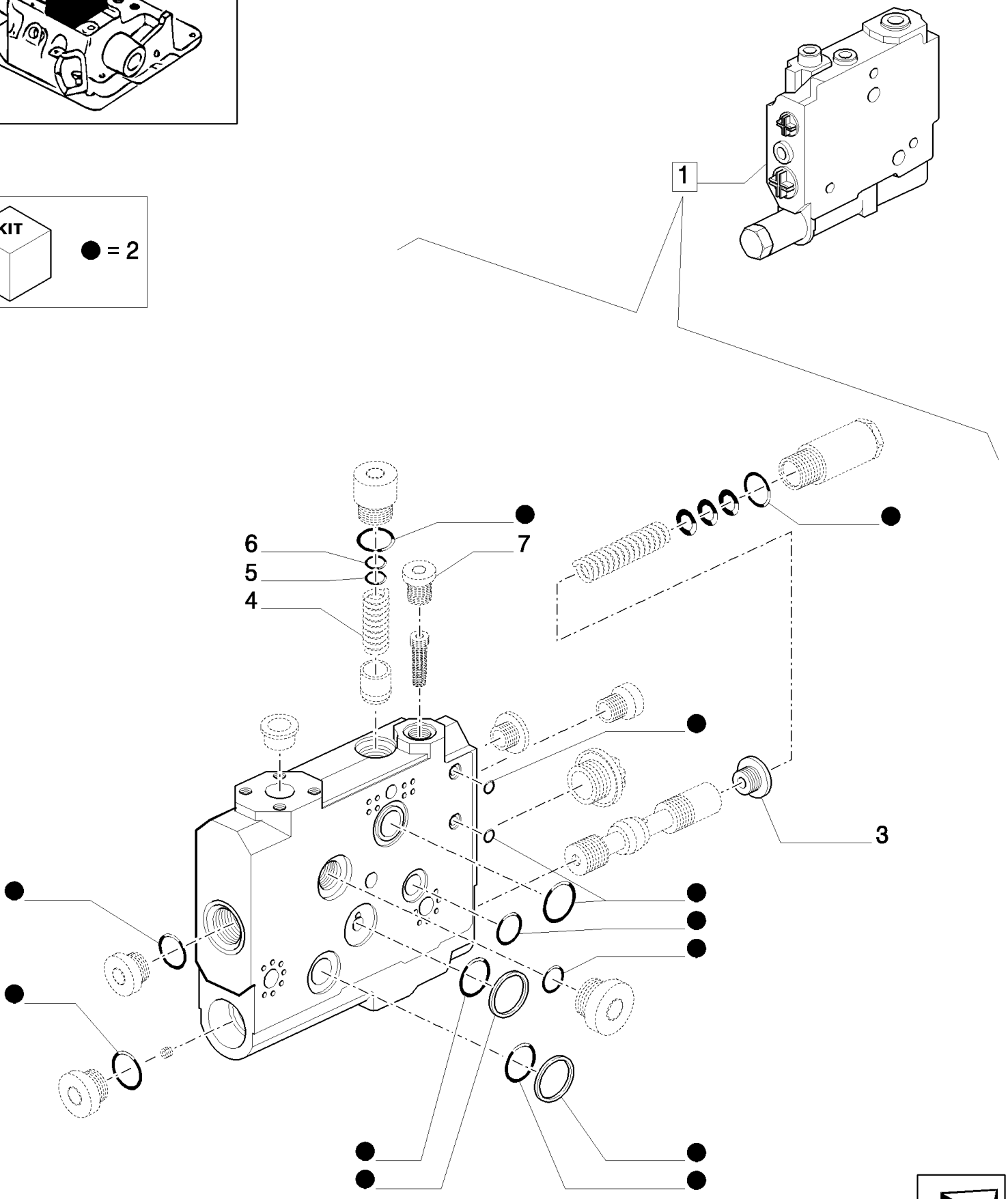
Ref	Part Number	Qty	Description
1	47123180	1	VALVE, HYDRAULIC, EDC Valve
2	47127003	1	KIT, SEALS,
3	5188024	1	KIT,
4	5190767	1	KIT,
5	5190770	8	SCREW,
6	5191776	1	SELECTOR, , -C5029
6	47127006	1	SELECTOR, , D5029-

D5029 After Date 04/02/05

1.82.7/14D (VAR.252-718) PRIORITY VALVE - COMPONENT PARTS



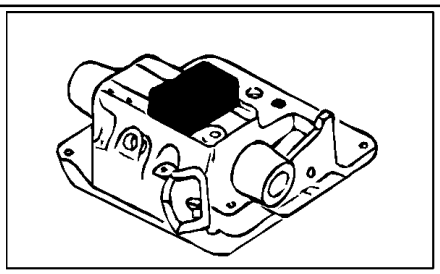
KIT ● = 2



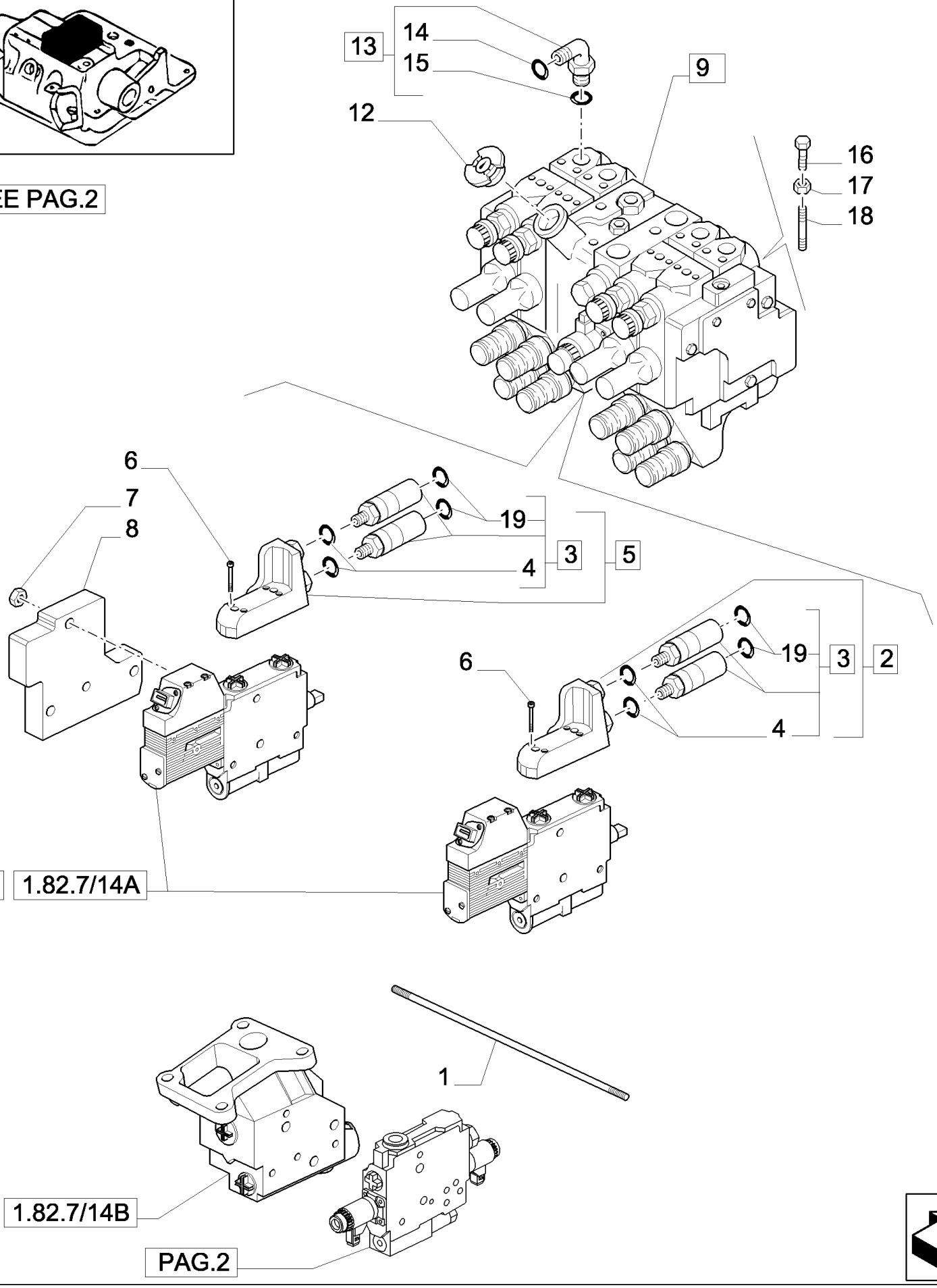
1.82.7/14D (VAR.252-718) PRIORITY VALVE - COMPONENT PARTS

Ref	Part Number	Qty	Description
1	47123176	1	VALVE, HYDRAULIC,
2	47126932	1	KIT, SEALS,
3	47126924	1	PLUG,
4	47126925	1	SPRING,
5	47126929	1	WASHER, LOCK,
6	47126930	1	WASHER, LOCK,
7	47126931	1	PLUG,

1.82.7/15(01) (VAR.718) BATTERY WITH FOUR CONTROL VALVES WITH ELECTRONIC CONTROL



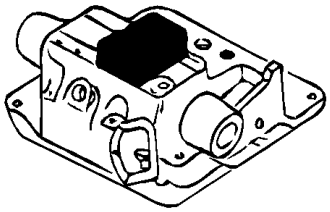
SEE PAG.2



1.82.7/15(01) (VAR.718) BATTERY WITH FOUR CONTROL VALVES WITH ELECTRONIC CONTROL

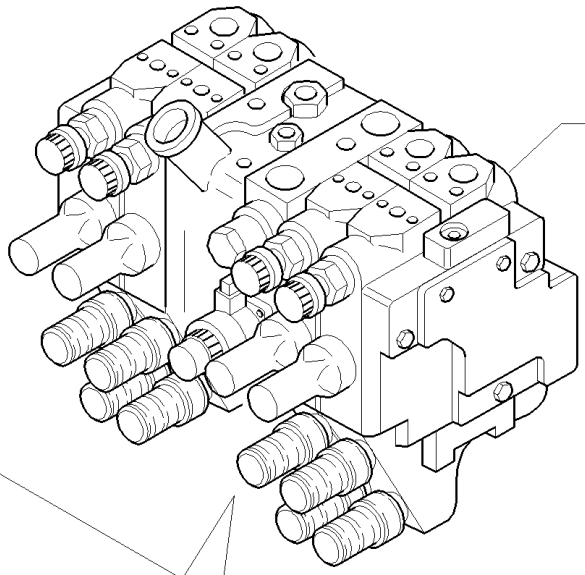
Ref	Part Number	Qty	Description
1	5195170	3	SCREW,
2	5191808	1	VALVE, HYDRAULIC, , BSN 293075
2	87381983	1	COUPLING, PUSH-PULL, , ASN 293076
3	5190882	4	COUPLING, QUICK, FEMALE, , BSN 293075
3	87381944	4	COUPLING, PUSH-PULL, , ASN 293076
4	14438085	4	O-RING, 19.3MM ID x 2.4 Thk,
5	5191811	1	VALVE, HYDRAULIC, , BSN 293075
5	87381984	1	VALVE, HYDRAULIC, , ASN 293076
6	14305971	8	SCREW, Hex Soc Hd, M6 x 45, 12.9,
7	16100821	3	NUT, M8, Cl 10,
8	5190710	1	PLATE, END, LH
9	47123178	1	VALVE, CONTROL,
10	47123179	2	VALVE SECTION, HYD, Auxiliary
11	47123177	1	BODY, Support
12	82005372	1	COVER,
13	47123008	1	ELBOW,
14	5185509	1	O-RING,
15	14437685	1	O-RING, 9.3MM ID x 2.4 Thk,
16	16204524	2	BOLT, Hex, M10 x 35,
17	12164714	2	NUT, M10 x 1.25, Cl 8,
18	13449724	2	STUD, M10 x 1,25 x 30
19	47134601	4	SEAL,

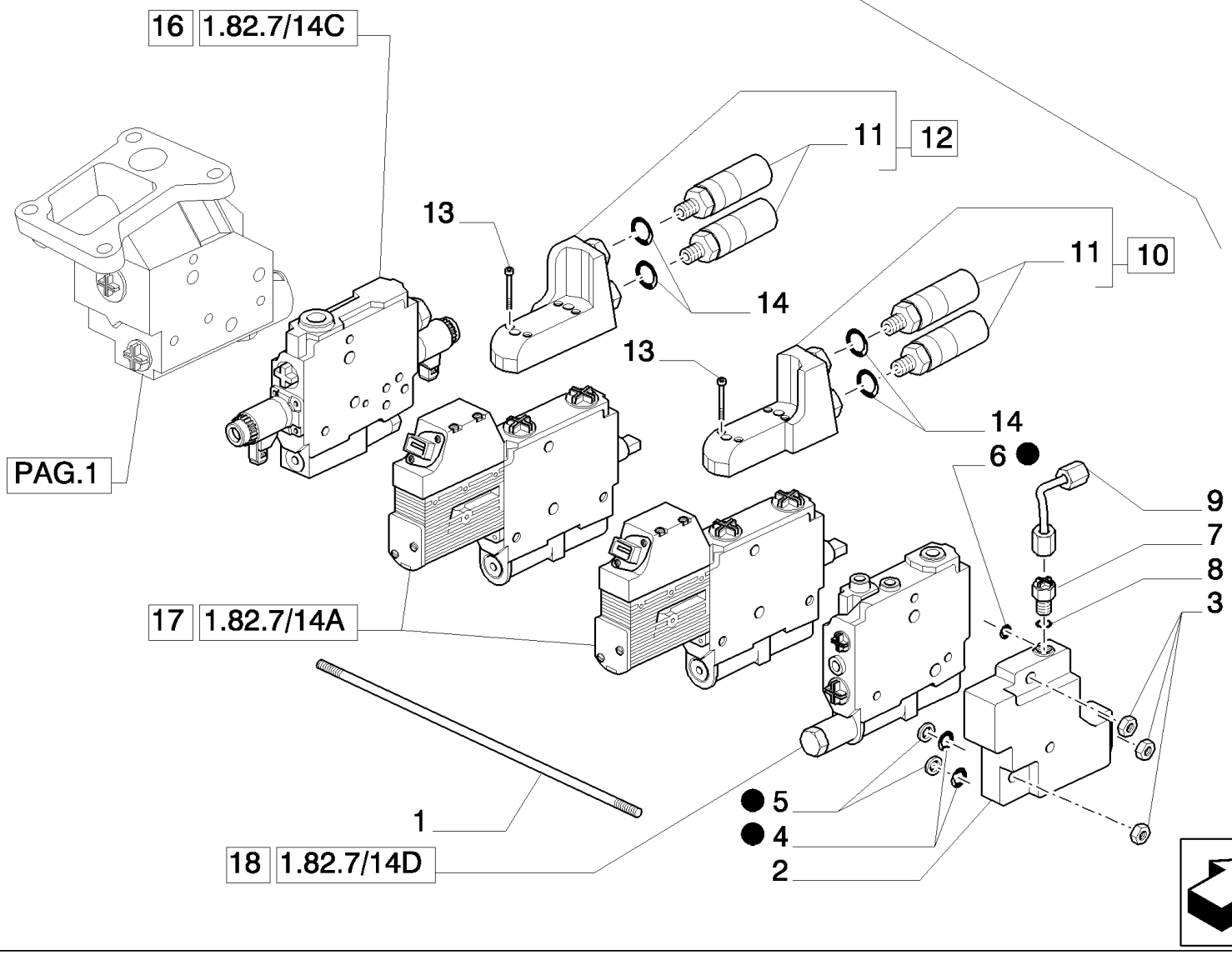
1.82.7/15(02) (VAR.718) BATTERY WITH FOUR CONTROL VALVES WITH ELECTRONIC CONTROL



KIT ● = 19

SEE PAG.1

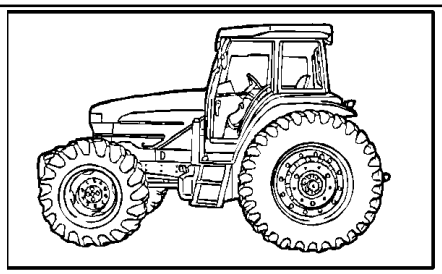


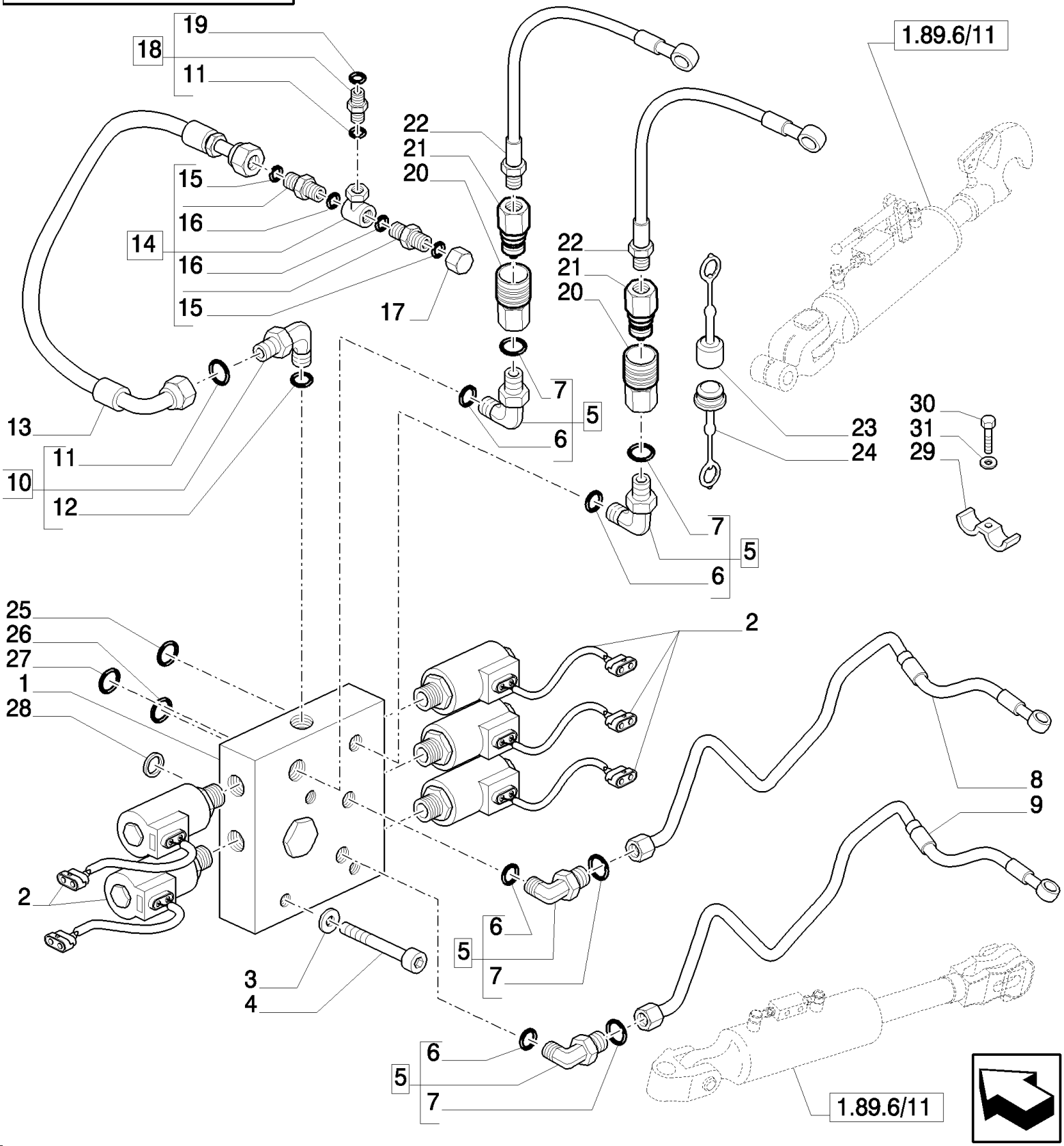


1.82.7/15(02) (VAR.718) BATTERY WITH FOUR CONTROL VALVES WITH ELECTRONIC CONTROL

Ref	Part Number	Qty	Description
1	47123183	3	STUD,
2	5195157	1	BODY, RH, Incl. 4, 5, 6
3	16100821	3	NUT, M8, Cl 10,
4	5190751	2	O-RING, 2,5 x 18
5	5195150	2	SEAL,
6	81862872	1	SEAL,
7	5191704	1	VALVE, CHECK,
8	5191705	1	O-RING,
9	47126999	1	TUBE, RIGID,
10	5191803	1	VALVE, HYDRAULIC, , BSN 293075
10	87381981	1	COUPLING, PUSH-PULL, , ASN 293076
11	5190882	4	COUPLING, QUICK, FEMALE, , BSN 293075
11	87381944	4	COUPLING, PUSH-PULL, , ASN 293076
12	5191806	1	VALVE, HYDRAULIC, , BSN 293075
12	87381982	1	COUPLING, PUSH-PULL, , ASN 293076
13	14305971	8	SCREW, Hex Soc Hd, M6 x 45, 12.9,
14	14438085	4	O-RING, 19.3MM ID x 2.4 Thk,
15	47123178	1	VALVE, CONTROL,
16	47123180	1	VALVE, HYDRAULIC, Auxiliary
17	47123179	2	VALVE SECTION, HYD, Auxiliary
18	47123176	1	VALVE, HYDRAULIC, Priority
19	47126963	1	KIT, SEALS,

1.82.7/16(01) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - PIPES



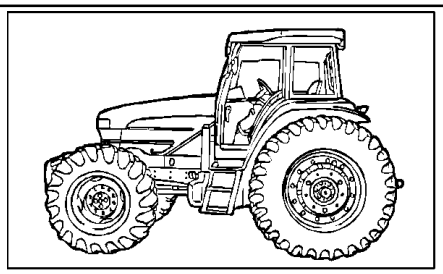


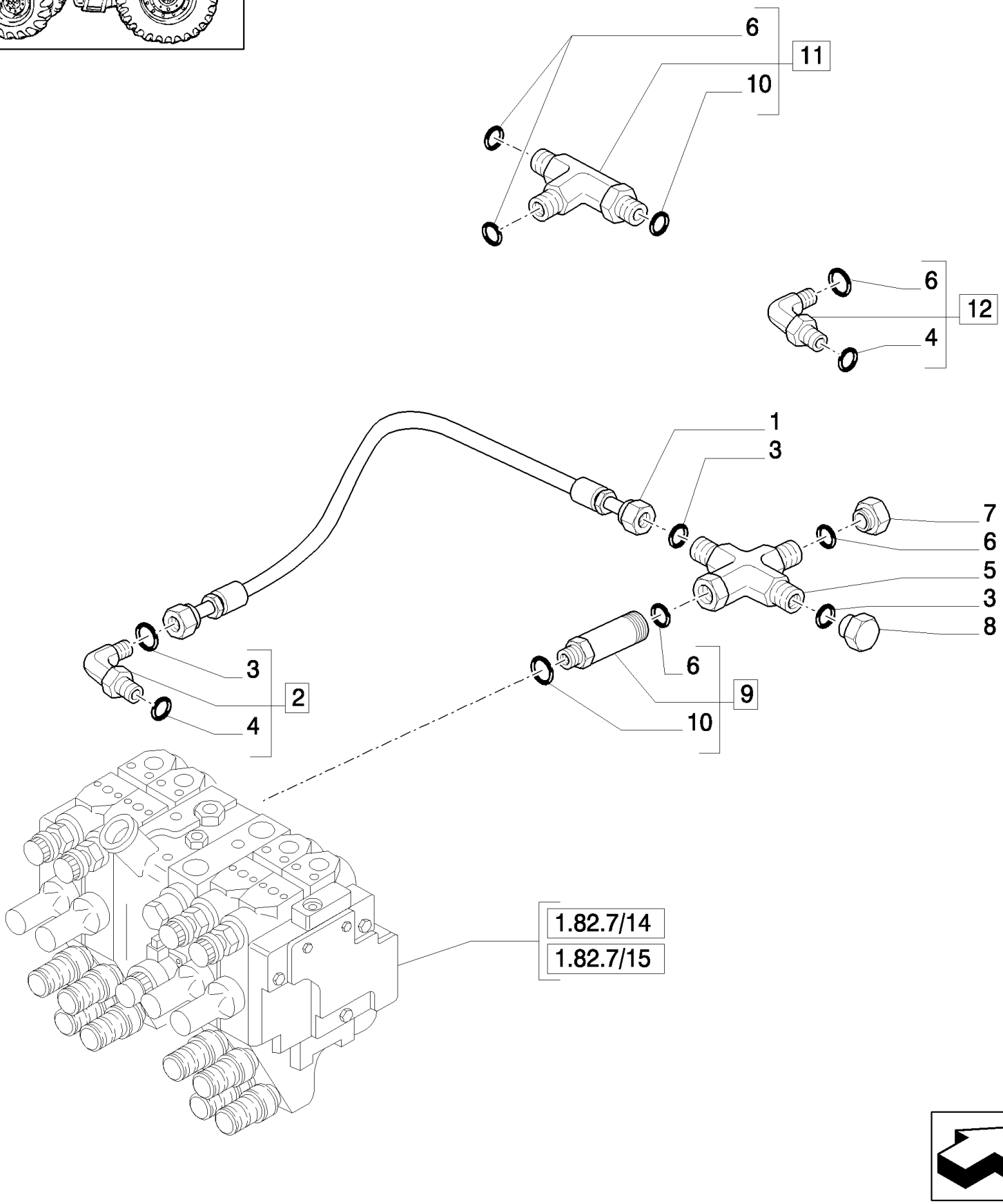
TM190 TRACTOR (6/02-) - Hydraulic System

1.82.7/16(01) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - PIPES

Ref	Part Number	Qty	Description
1	5197134	1	ELECTRO-VALVE, INCL. 2
2	47123023	5	ELECTRO-VALVE,
3	11193974	3	WASHER, SPRING, Belleville, M8.4,
4	14359320	3	SCREW, M8X65
5	5194076	4	ELBOW, 11/16" , M16X1,5
6	14437885	4	O-RING, 13.3MM ID x 2.4 Thk,
7	5185510	4	O-RING, 1,78 x 9,25
8	47130691	1	HOSE, FLEXIBLE, UPPER
9	47130695	1	HOSE, FLEXIBLE, LOWER
10	47123008	1	ELBOW, 9/16" -18, M12X1,5
11	5185509	2	O-RING,
12	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
13	87302784	1	HOSE, FLEXIBLE, LENGTH=MM.645
14	82018814	1	VALVE,
15	9825770	2	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
16	165202	2	O-RING, 4-1, 90 Duro, .351" ID x .072" Thk,
17	5189973	1	PLUG, 9/16"-18
18	5185045	1	CONNECTOR, HYD., 9/16"-18, M12X1,5
19	14437685	1	O-RING, 9.3MM ID x 2.4 Thk,
20	47123022	2	COUPLING, QUICK, MALE,
21	47123021	2	HALF-COUPLING,
22	47123016	2	HOSE, FLEXIBLE, LENGTH=MM.940
23	47123381	1	PLUG, LENGTH=MM.250
24	47123380	1	PLUG, LENGTH=MM.241
25	14456981	1	O-RING, -111, Cl 7, .424" ID x .103" Thk,
26	14457981	1	O-RING, -121, Cl 7, 1.049" ID x .103" Thk,
27	14458181	1	O-RING, -123, Cl 7, 1.174" ID x .103" Thk,
28	47127028	1	GASKET, 16,5X22X1,5
29	85700613	1	CLAMP,
30	10902621	1	BOLT, Hex, M6 x 25, 8.8,
31	83935046	1	DISC,

1.82.7/16(02) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - PIPES



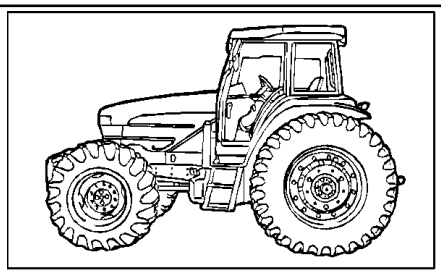


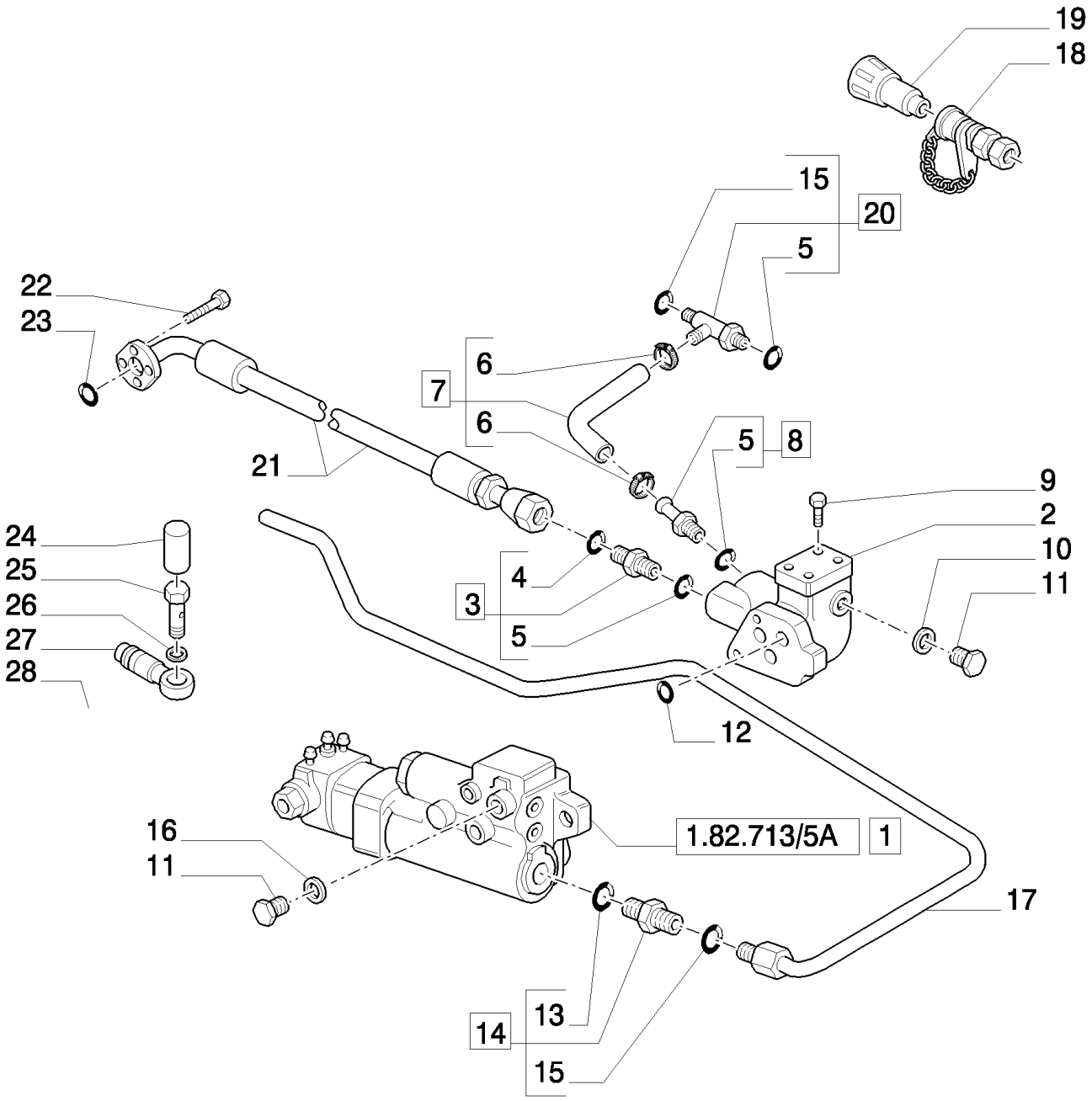
TM190 TRACTOR (6/02-) - Hydraulic System

1.82.7/16(02) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - PIPES

Ref	Part Number	Qty	Description
1	47123014	1	HOSE, FLEXIBLE, LENGTH=MM.485
2	5185052	1	ELBOW, 13/16"-16, M18X1,5
3	5185511	3	O-RING, 12.42 x 1.78
4	14437985	2	O-RING, 15.3MM ID x 2.4 Thk,
5	5199116	1	CONNECTION, 4 WAY, INCL. 3,6, 13/16"-16, 1"-14
6	5185512	5	O-RING, 15,6 ID x 1,78 Thk
7	47123019	1	PLUG, 1"-14
8	47123020	1	PLUG, 13/16"-16
9	5199935	1	CONNECTOR, HYD.,
10	14438085	2	O-RING, 19.3MM ID x 2.4 Thk,
11	5187064	1	CONNECTOR, HYD., 1"-14, M22X1,5
12	5185562	1	ELBOW, 1"-14, M18X1,5

1.82.713/05(01) (VAR.414/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)

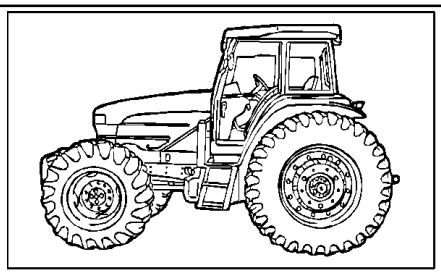


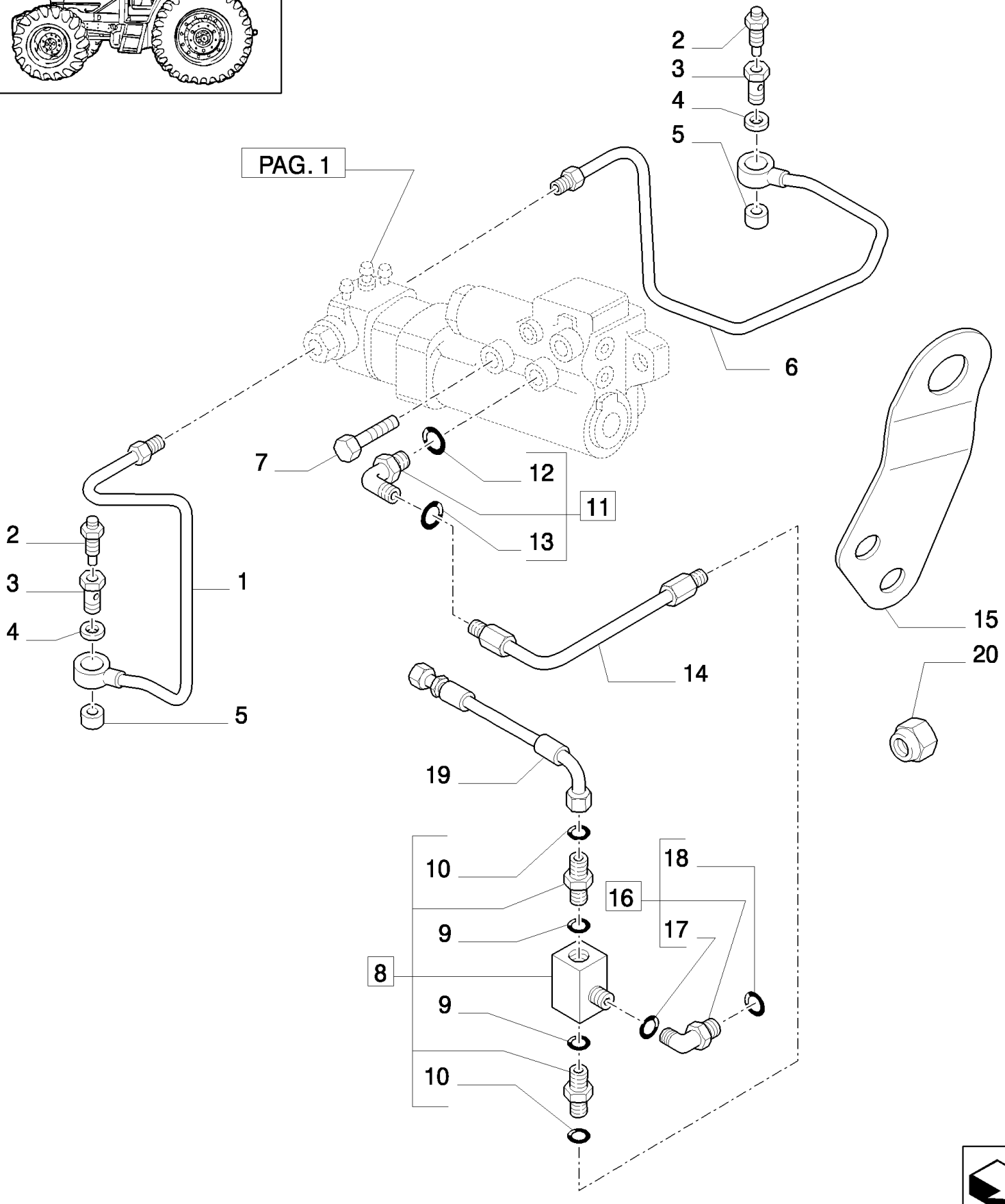


1.82.713/05(01) (VAR.414/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)

Ref	Part Number	Qty	Description
1	47126820	1	VALVE, BRAKE,
2	5198975	1	BLOCK, Incl. Ref. 3,4,5,8,10,11
3	5185041	1	CONNECTOR, HYD., M22X1,5 - 13/16"-12UN 2A
4	5185513	1	O-RING,
5	14438085	3	O-RING, 19.3MM ID x 2.4 Thk,
6	13000390	2	CLAMP, HOSE,
7	5198833	1	SLEEVE,
8	5198832	1	CONNECTOR, HYD.,
9	11108031	4	BOLT, Hex, M10 x 90, 10.9,
10	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
11	10300511	2	PLUG, M12 x 1.5 x 12, Cl5.8,
12	14457981	1	O-RING, -121, Cl 7, 1.049" ID x .103" Thk,
13	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
14	5185561	1	CONNECTOR, HYD., M18X1,5 - 13/16"-16NN 2A
15	5185511	2	O-RING, 12.42 x 1.78
16	2854292	1	GASKET,
17	47123572	1	TUBE, RIGID,
18	44015354	1	COUPLING, QUICK, MALE,
19	62775076	1	COUPLING, QUICK, MALE,
20	5198834	1	CONNECTOR, HYD., M22X1,5 - 13/16"-16UN 2A
21	47124580	1	HOSE, FLEXIBLE,
22	14305831	4	SCREW, Hex Soc Hd, M6 x 40, 10.9,
23	5135739	1	O-RING, -116, Cl 9, .737" ID x .103" Thk,
24	44995074	1	PLUG,
25	5121685	1	BOLT, BANJO, M12X1
26	5183780	1	WASHER, SEALING,
27	82030175	1	VALVE,
28	82030788	1	SHIELD,

1.82.713/05(02) (VAR.414/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)





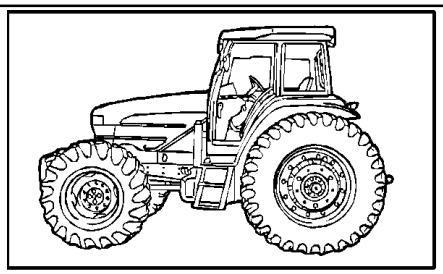
TM190 TRACTOR (6/02-) - Hydraulic System

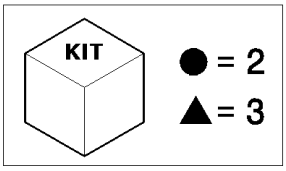
1.82.713/05(02) (VAR.414/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)

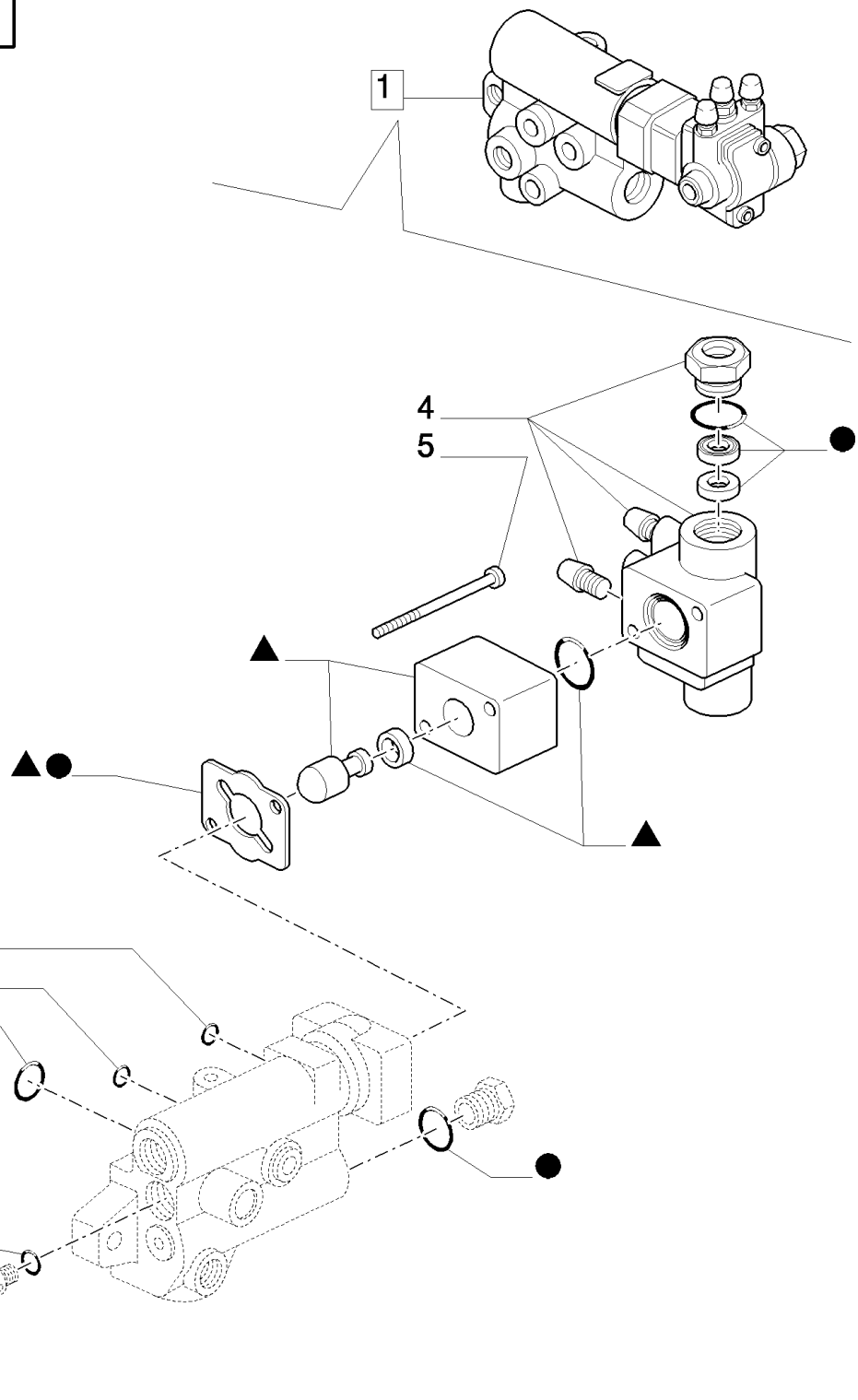
Ref	Part Number	Qty	Description
1	5196323	1	HOSE, FLEXIBLE,
2	5153030	2	SCREW, BLEED,
3	5155679	2	CONNECTOR, HYD.,
4	10261060	2	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
5	5155678	2	GASKET,
6	5196324	1	HOSE, FLEXIBLE,
7	14306631	1	SCREW, Hex Soc Hd, M8 x 35, 10.9,
7	16044721	2	BOLT, Hex, M8 x 75, 8.8,
8	82018814	1	VALVE, 9/16"-18UN 2A
9	165202	2	O-RING, 4-1, 90 Duro, .351" ID x .072" Thk,
10	9825770	2	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
11	5185047	1	CONNECTOR, HYD., M10X1 - 9/16"-18UNF 2A
12	5185509	1	O-RING,
13	14437585	1	O-RING, 8MM ID x 1.5 Thk,
14	5198998	1	TUBE, RIGID,
15	5196322	1	BRACKET,
16	47126659	1	CONNECTOR, HYD., , -C5082
16	47135296	1	CONNECTOR, HYD., , D5082-
17	5185509	1	O-RING, 7.66 x 1.78
18	5185507	1	O-RING, 1,83X8,92, -C5082
18	5185510	1	O-RING, , D5082-
19	87302783	1	HOSE, FLEXIBLE,
20	5189973	2	PLUG, 9/16"-18UNF
20	47123020	1	PLUG, 13/16"-16UN

D5082 After Date 22/10/04

1.82.713/05A (VAR.414/1-418/1) TRAILER BRAKE BREAKDOWN VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)



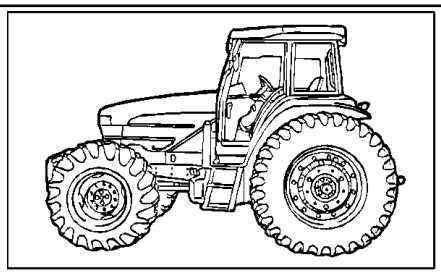


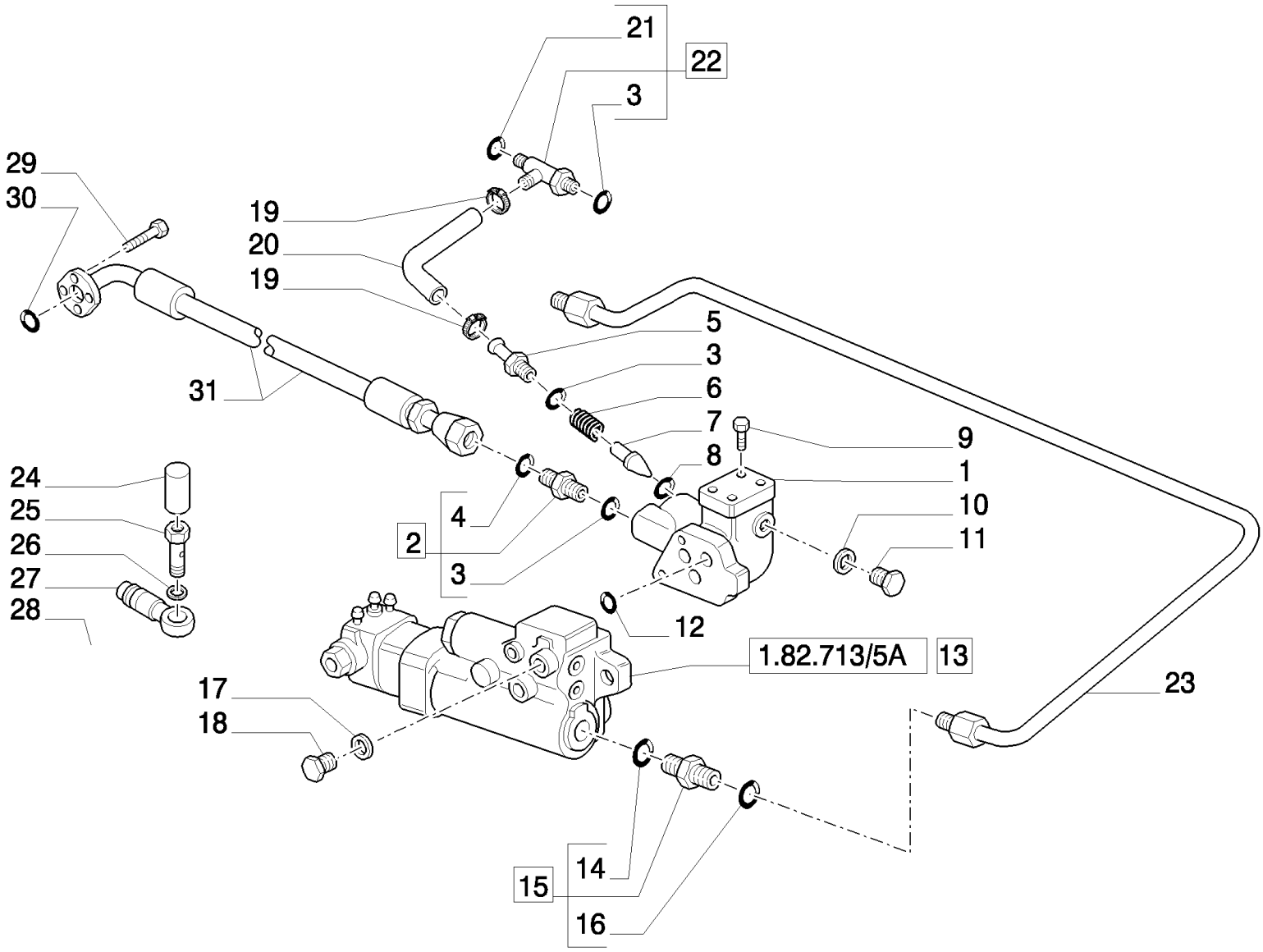


1.82.713/05A (VAR.414/1-418/1) TRAILER BRAKE BREAKDOWN VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)

Ref	Part Number	Qty	Description
1	47126820	1	VALVE, BRAKE,
2	47128438	1	KIT, SEALS,
3	47127013	1	KIT, SEALS,
4	47128437	1	VALVE,
5	5190750	2	SCREW,
6	81862879	1	SEAL,
7	81862872	2	SEAL,

1.82.713/06(01) (VAR.418/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)-ITALY



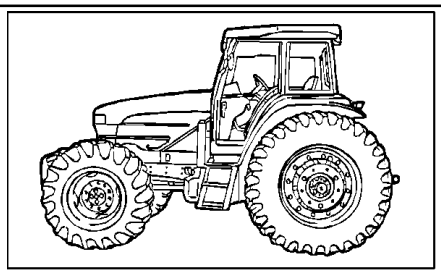


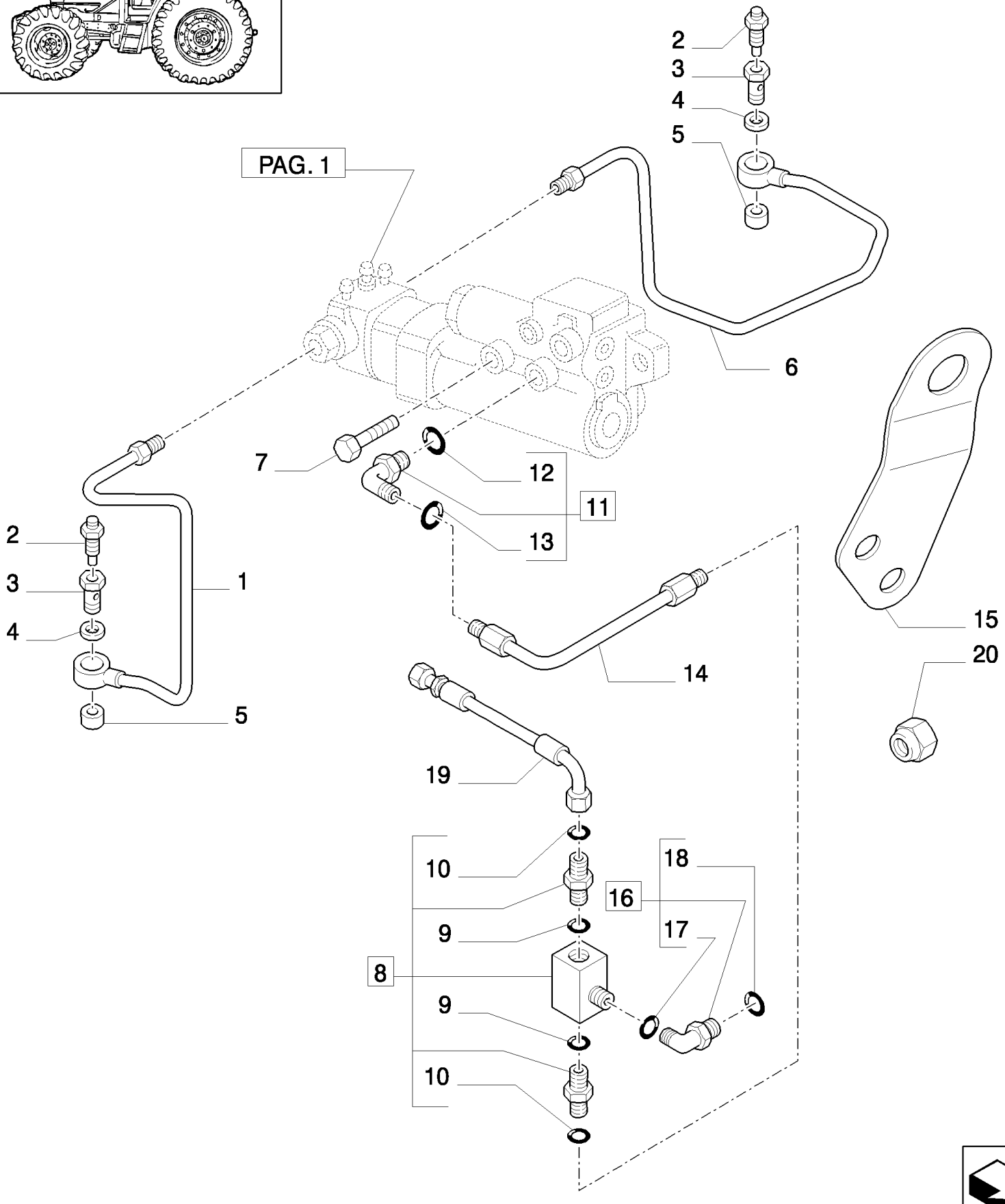
TM190 TRACTOR (6/02-) - Hydraulic System

1.82.713/06(01) (VAR.418/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)-ITALY

Ref	Part Number	Qty	Description
1	5198976	1	BLOCK, Incl. Ref. 2,5,6,7,8,10,11
2	5185041	1	CONNECTOR, HYD., M22X1,5-13/16"-12UN 2A
3	14438085	3	O-RING, 19.3MM ID x 2.4 Thk,
4	5185513	1	O-RING,
5	5198831	1	CONNECTOR, HYD.,
6	5157487	1	SPRING,
7	5187827	1	PIN, GUIDE,
8	5184567	1	RING,
9	11108021	4	BOLT, Hex, M10 x 90, 8.8,
10	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
11	82029539	1	SWITCH,
12	14457981	1	O-RING, -121, Cl 7, 1.049" ID x .103" Thk,
13	47126820	1	VALVE, BRAKE, 1,5X8
14	14437985	1	O-RING, 15.3MM ID x 2.4 Thk,
15	5185561	1	CONNECTOR, HYD., M18X1,5-13/16"-16UN 2A
16	5185511	1	O-RING, 12.42 x 1.78
17	2854292	1	GASKET,
18	10300511	1	PLUG, M12 x 1.5 x 12, Cl5.8,
19	13000390	2	CLAMP, HOSE,
20	5198833	1	SLEEVE,
21	5185511	1	O-RING, 12.42 x 1.78
22	5198834	1	CONNECTOR, HYD., M22X1,5-13/16"-16UN 2A
23	47123574	1	TUBE, RIGID,
24	44995074	1	PLUG,
25	5121685	1	BOLT, BANJO, M12X1
26	5183780	1	WASHER, SEALING,
27	82030175	1	VALVE,
28	82030788	1	SHIELD,
29	14305831	4	SCREW, Hex Soc Hd, M6 x 40, 10.9,
30	5135740	1	O-RING, -119, Cl 9, .924" ID x .103" Thk,
31	47124580	1	HOSE, FLEXIBLE,

1.82.713/06(02) (VAR.418/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)-ITALY





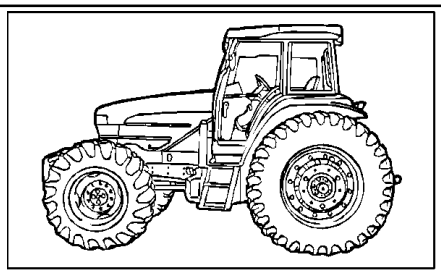
TM190 TRACTOR (6/02-) - Hydraulic System

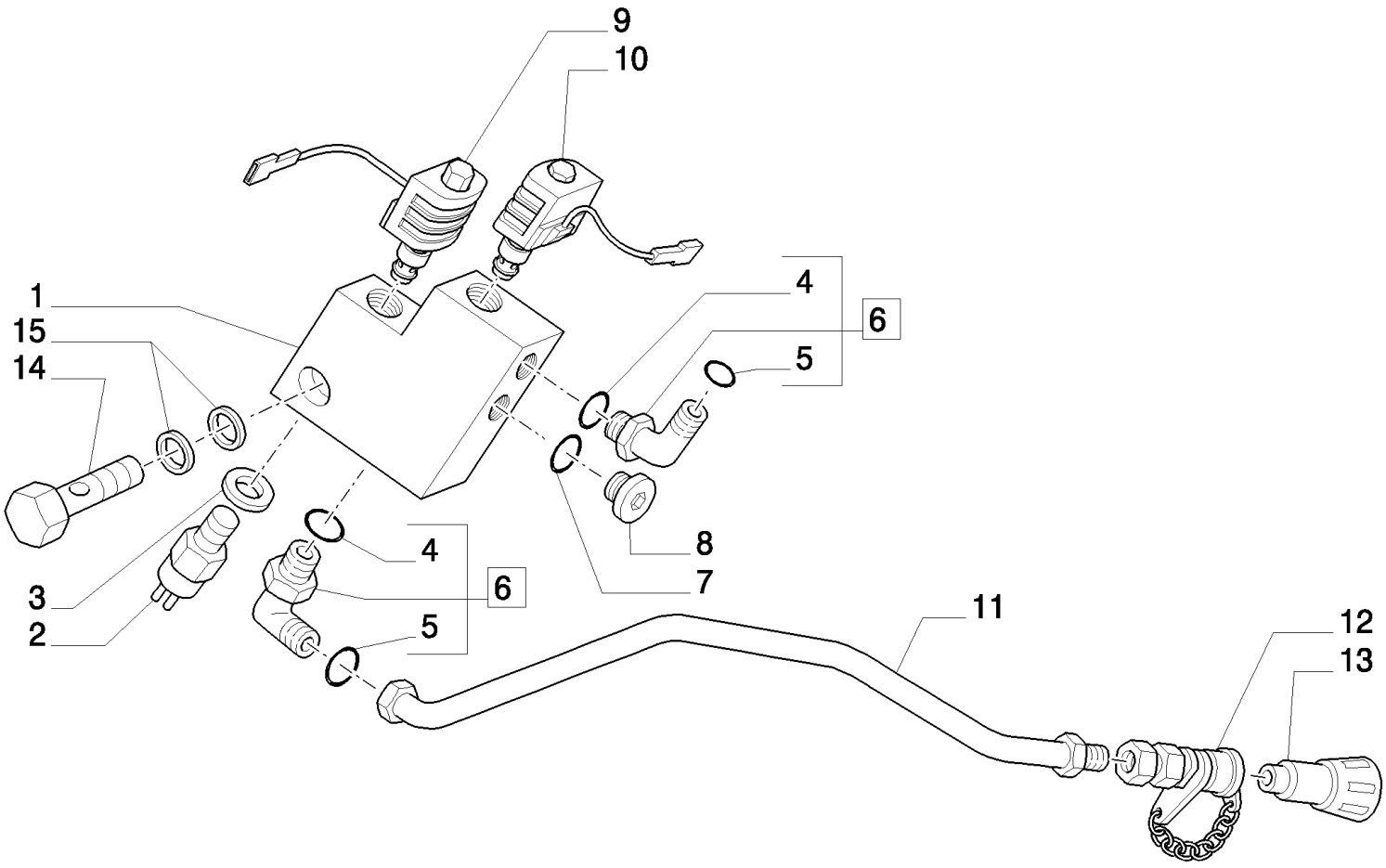
1.82.713/06(02) (VAR.418/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS)-ITALY

Ref	Part Number	Qty	Description
1	5196323	1	HOSE, FLEXIBLE,
2	5153030	2	SCREW, BLEED,
3	5155679	2	CONNECTOR, HYD.,
4	10261060	2	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
5	5155678	2	GASKET,
6	5196324	1	HOSE, FLEXIBLE,
7	14306631	1	SCREW, Hex Soc Hd, M8 x 35, 10.9,
7	16044721	2	BOLT, Hex, M8 x 75, 8.8,
8	82018814	1	VALVE, 9/16"-18UN 2A
9	165202	2	O-RING, 4-1, 90 Duro, .351" ID x .072" Thk,
10	9825770	2	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
11	5185047	1	CONNECTOR, HYD., M10 x 1-9/16"-18UNF 2A
12	5185509	1	O-RING, 7.66 x 1.78
13	14437585	1	O-RING, 8MM ID x 1.5 Thk,
14	5198998	1	TUBE, RIGID,
15	5196322	1	BRACKET,
16	47126659	1	CONNECTOR, HYD., , -C5082
16	47135296	1	CONNECTOR, HYD., , D5082-
17	5185509	1	O-RING, 7.66 x 1.78
18	5185507	1	O-RING, 1,83X8,92, -C5082
18	5185510	1	O-RING, , D5082-
19	87302783	1	HOSE, FLEXIBLE,
20	5189973	2	PLUG, 9/16"-18UNF
20	47123020	1	PLUG, 13/16"-16UN

D5082 After Date 22/10/04

1.82.713/06(03) (VAR.418/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS) - ITALY

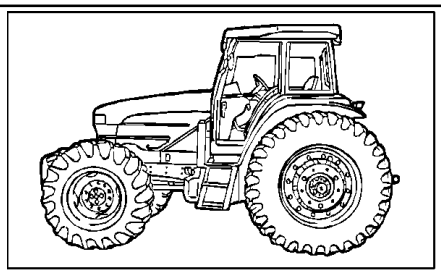


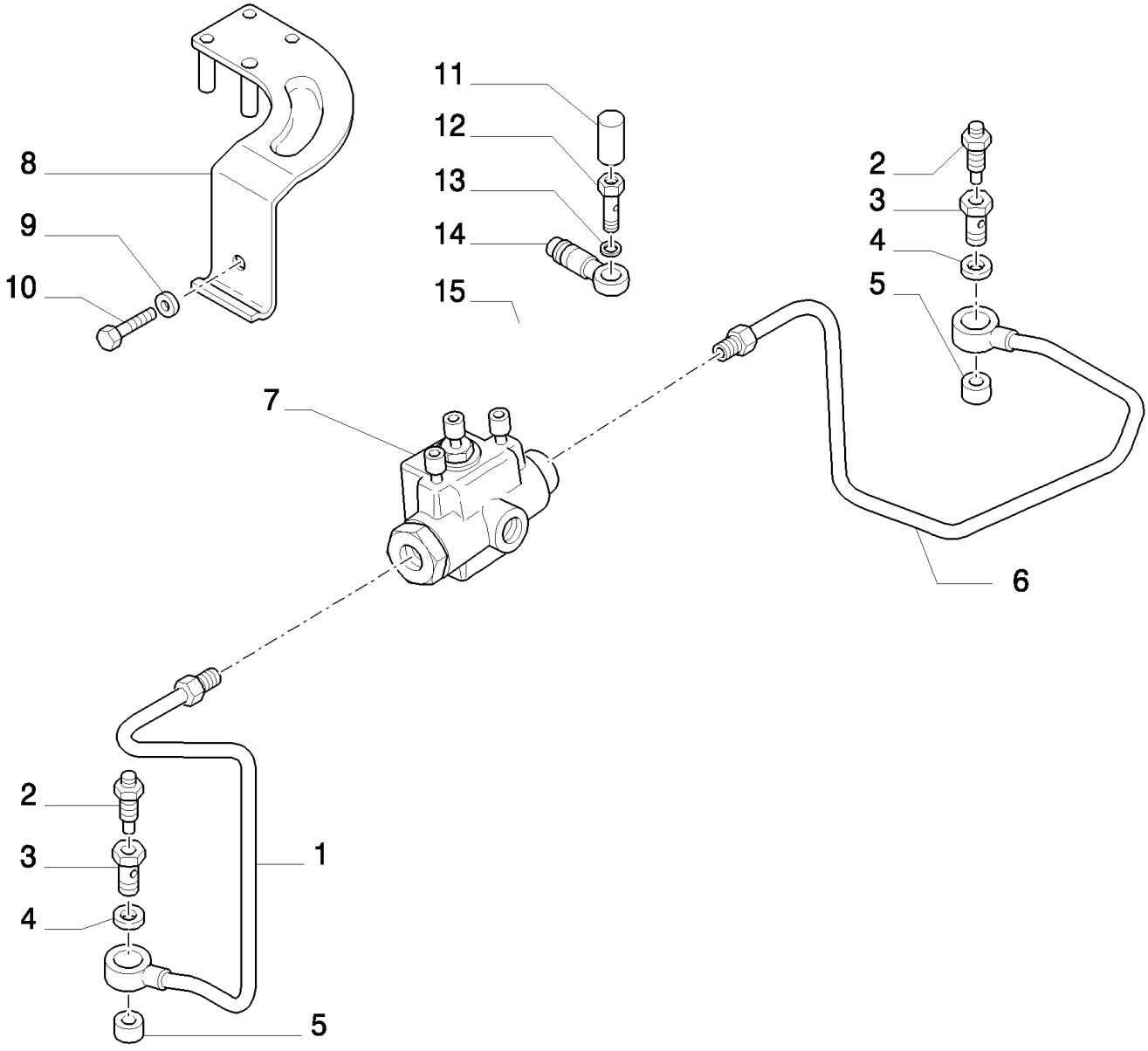


1.82.713/06(03) (VAR.418/1) TRAILER BRAKE VALVE FOR LOAD SENSING CLOSED CENTRE (CCLS) - ITALY

Ref	Part Number	Qty	Description
1	5196175	1	BLOCK, Incl. Ref. 2,3,4,8,9,10
2	5157750	1	SWITCH,
3	10261060	1	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
4	14437985	2	O-RING, 15.3MM ID x 2.4 Thk,
5	5185511	2	O-RING, 12.42 x 1.78
6	5185052	2	ELBOW, M18X1,5 - 13/16"-16NN 2A
7	14437685	1	O-RING, 9.3MM ID x 2.4 Thk,
8	10118611	1	PLUG, M12 x 1.5 x 15, Cl5.8,
9	5177699	1	VALVE, SOLENOID, Trailer Brake
10	5177698	1	VALVE, SOLENOID, Trailer Brake
11	47123576	1	TUBE, RIGID,
12	44015354	1	COUPLING, QUICK, MALE,
13	62775076	1	COUPLING, QUICK, MALE,
14	5197769	1	BOLT, BANJO, M18X1,5X49
15	5167640	2	WASHER, SEALING,

1.82.713/07(02) (VAR.396) BRAKING SYSTEM VALVE



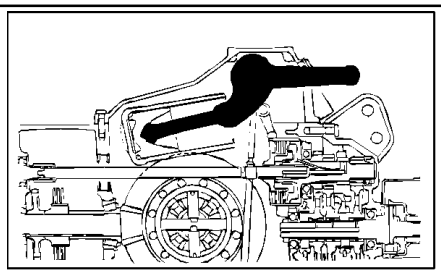


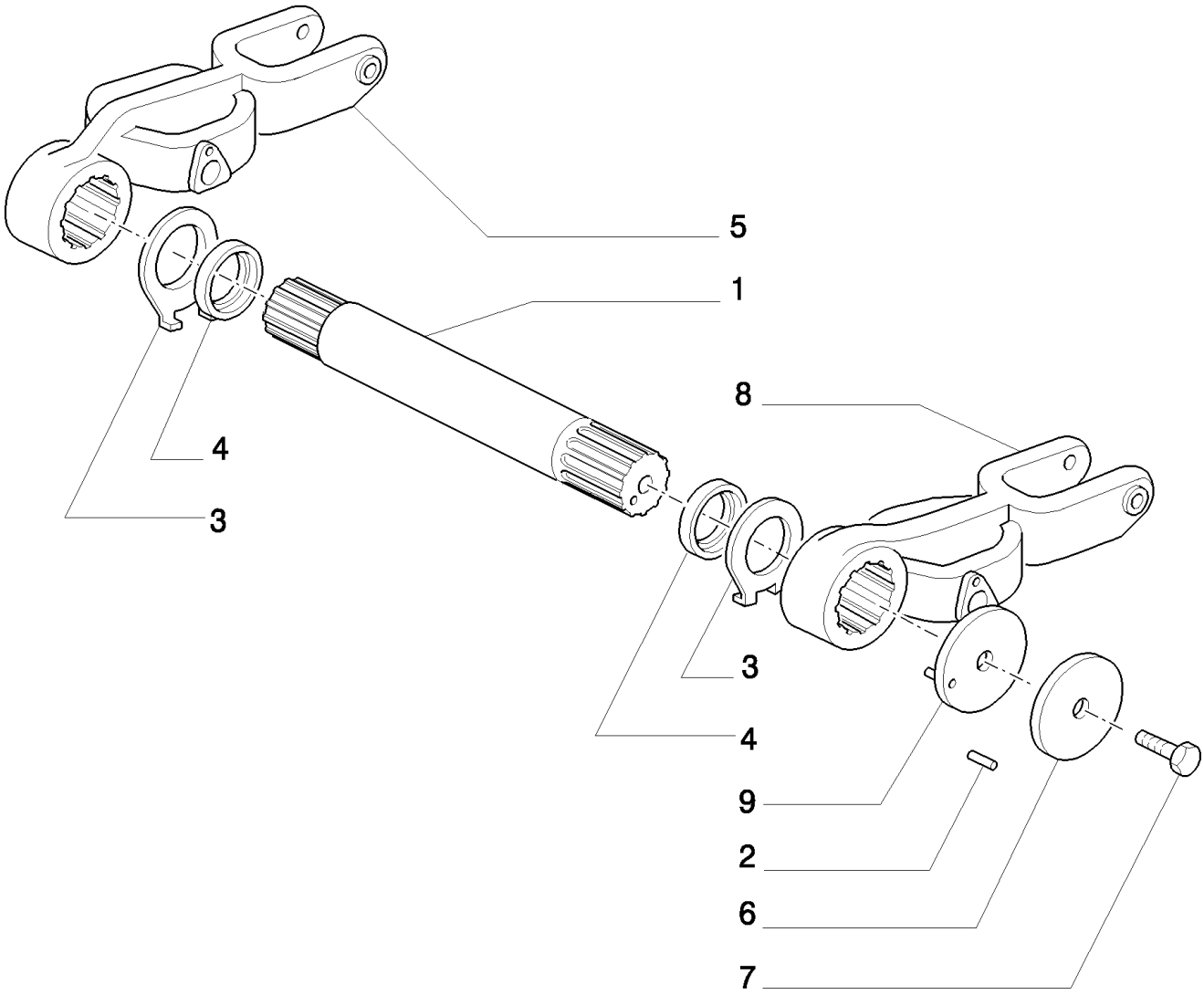
TM190 TRACTOR (6/02-) - Hydraulic System

1.82.713/07(02) (VAR.396) BRAKING SYSTEM VALVE

Ref	Part Number	Qty	Description
1	5196323	1	HOSE, FLEXIBLE, L=MM.460
2	5153030	2	SCREW, BLEED,
3	5155679	2	CONNECTOR, HYD.,
4	10261060	2	WASHER, COPPER, M12.2 x 16 x 1.5, Copper,
5	5155678	2	GASKET,
6	5196324	1	HOSE, FLEXIBLE, L=MM.840
7	47126821	1	VALVE, HYDRAULIC,
8	5198964	1	BRACKET,
9	12601374	1	WASHER, Wave, M8.4,
10	16043124	1	BOLT, Hex, M8 x 14, 8.8, Full Thd,
11	44995074	1	PLUG,
12	5121685	1	BOLT, BANJO, M12X1
13	5183780	1	WASHER, SEALING,
14	82030175	1	VALVE,
15	82030788	1	SHIELD,

1.82.8/01 LIFTER, ROCK SHAFT AND ASSOCIATES

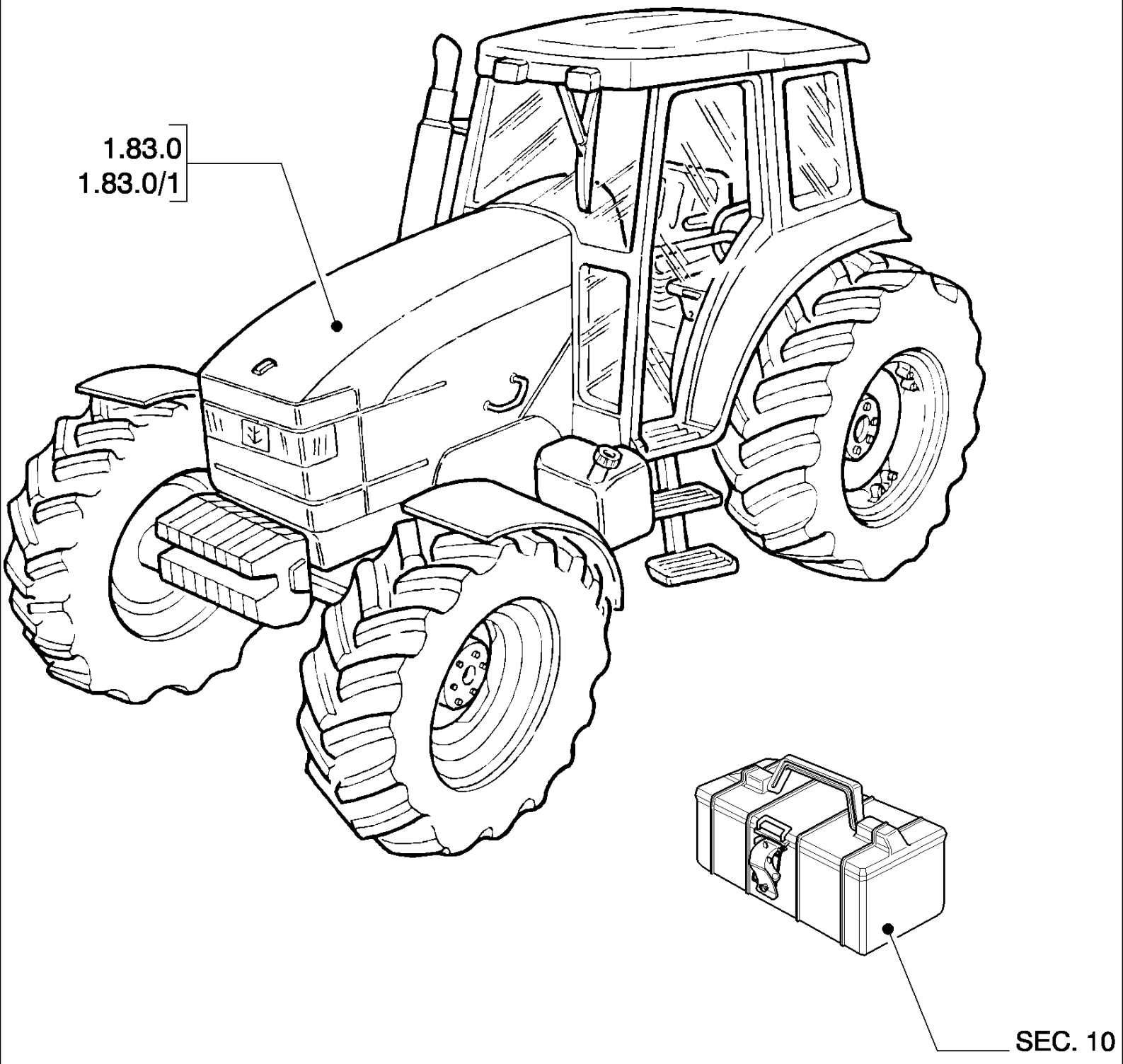




TM190 TRACTOR (6/02-) - Hydraulic System

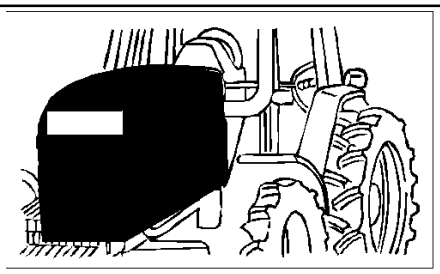
1.82.8/01 LIFTER, ROCK SHAFT AND ASSOCIATES

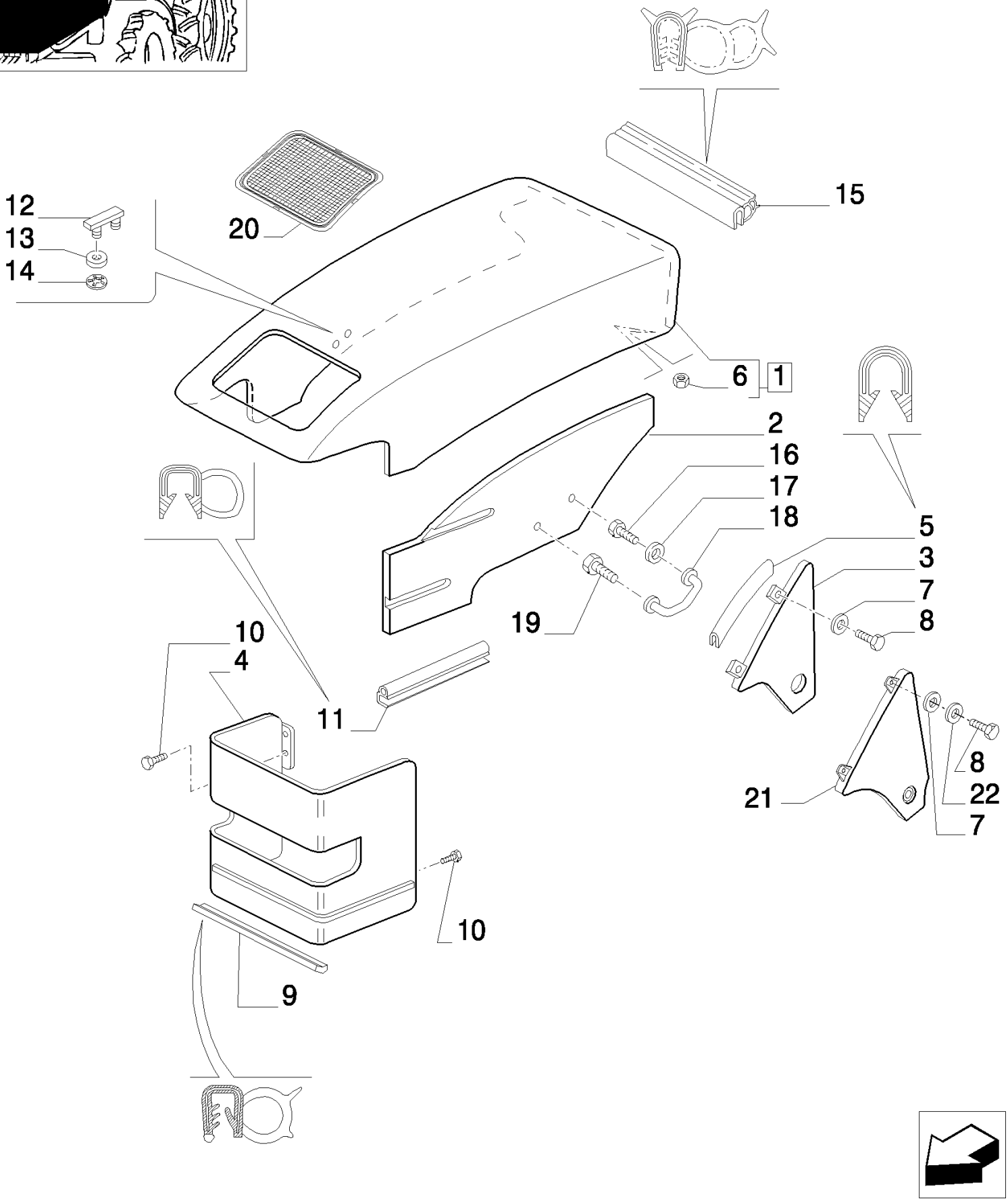
Ref	Part Number	Qty	Description
1	5198501	1	SHAFT,
2	14163970	1	PIN, LOCK, M4 x 20, Slotted,
3	5185953	2	SPACER,
4	5185955	2	GASKET,
5	5198416	1	ARM,
6	5185967	1	WASHER,
7	15987921	2	BOLT, Hex, M20 x 40, 8.8,
8	5198417	1	ARM,
9	5198505	1	WASHER,


1.83.0
1.83.0/1
SEC. 10

Ref	Part Number	Qty	Description

1.83.0/01(01) HOOD





Var.521 Only for TM120, TM130, TM140 D5256 Serial N.ACM267319

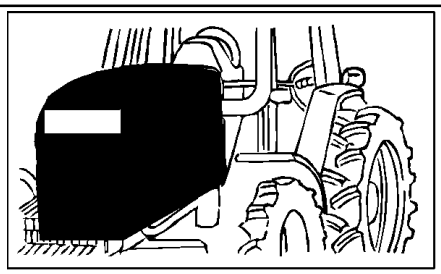
TM190 TRACTOR (6/02-) - Sheet Metal

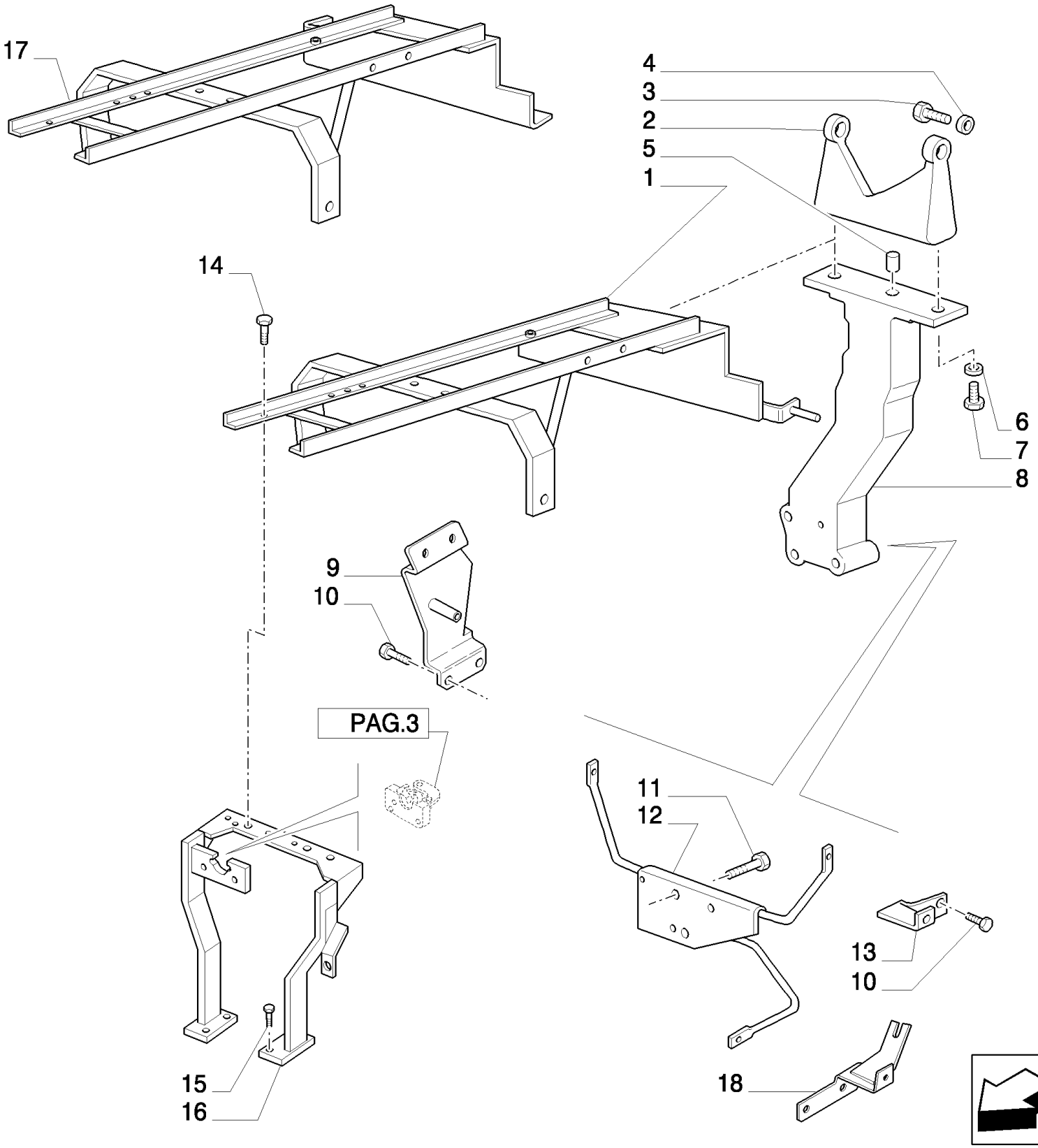
1.83.0/01(01) HOOD

Ref	Part Number	Qty	Description
1	82021791	1	PANEL, Incl. Ref. 6,20
2	82020018	1	PANEL, RH
2	82020019	1	PANEL, LH
3	87336881	1	PANEL, RH, BSN ACM267318
3	87336883	1	PANEL, LH, BSN ACM267318
4	82018261	1	GRILLE,
4	82016884	1	GRILLE, , W/SuperSteer front axle (Equip.416)
5	83964601	1	MOLDING,
6	14089311	19	NUT, M6
7	12640604	6	WASHER, M6 x 25 x 2,
8	82011899	6	SCREW, M6X20
9	82009344	1	GASKET, LENGTH=MM.1150
9	82014847	1	GASKET, LENGTH=MM.1020, W/SuperSteer front axle (Equip.416)
10	E802273S101	23	SCREW, M6 x 12
11	82009976	1	GASKET, RH
11	82009977	1	GASKET, LH
11	82015958	1	GASKET, LENGHT=MM.1215, W/SuperSteer front axle (Equip.416)
12	9846306	1	GUIDE,
13	5138360	2	RING,
14	5135069	2	CLIP,
15	82020599	1	GASKET,
16	11106221	2	BOLT, Hex, M10 x 25, 8.8, Full Thd,
17	12626204	2	WASHER, M10 x 25 x 3,
18	82000454	2	HANDLE,
19	11106424	2	BOLT, Hex, M10 x 30, 8.8, Full Thd,
20	82021804	1	GRILLE,
21	87376530	1	PANEL, RH, ASN ACM267319
21	87376528	1	PANEL, LH, ASN ACM267319
22	87376521	2	WASHER, SPECIAL,

Var.521 Only for TM120, TM130, TM140 D5256 Serial N.ACM267319

1.83.0/01(02) HOOD





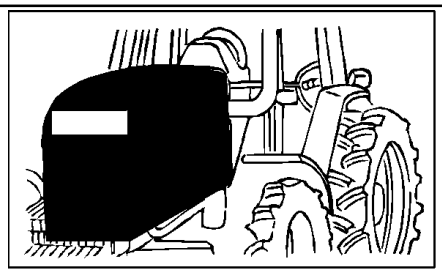
TM190 TRACTOR (6/02-) - Sheet Metal

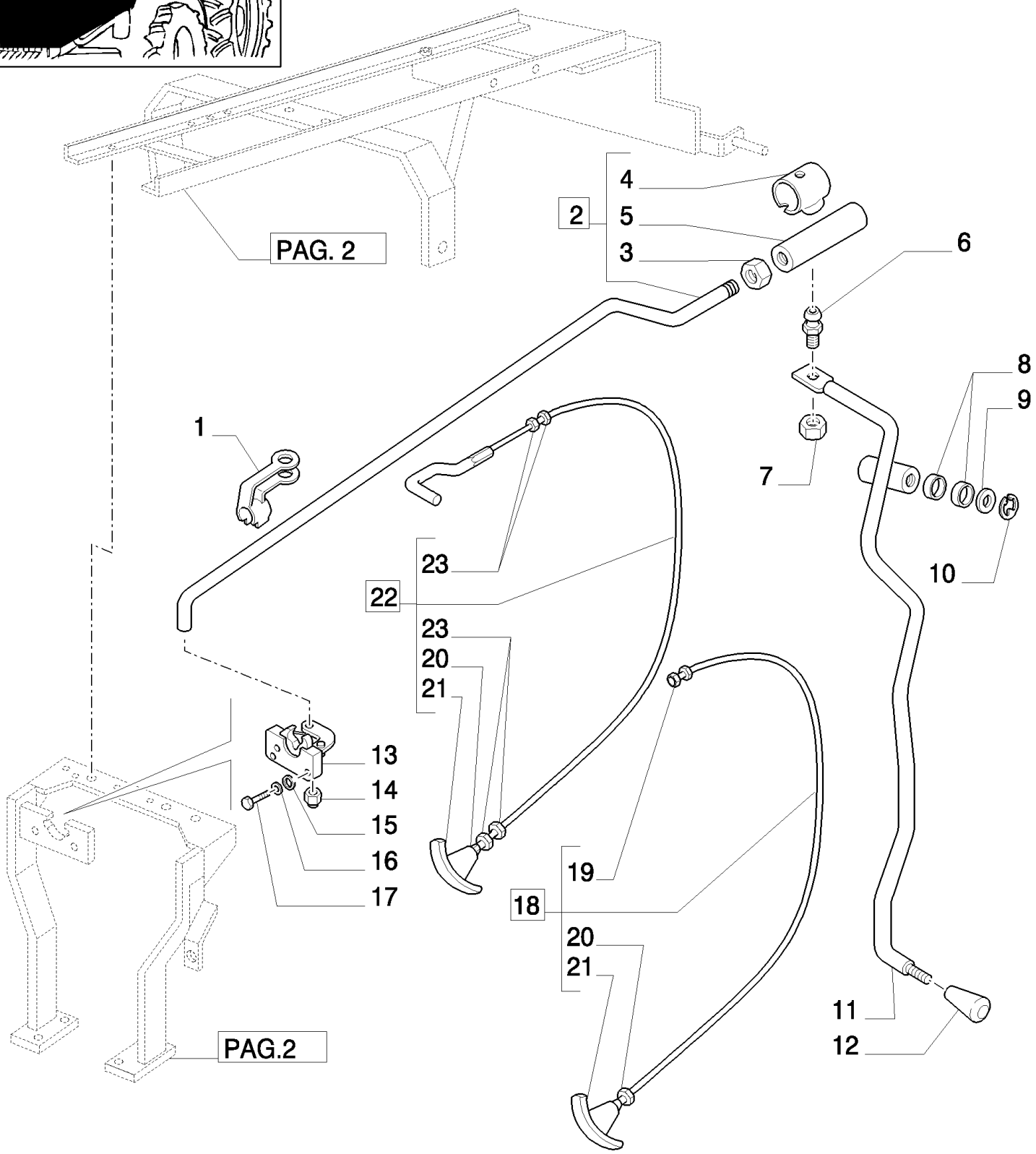
1.83.0/01(02) HOOD

Ref	Part Number	Qty	Description
1	82025463	1	CONSOLE, , BSN 201778
2	82004663	1	HINGE,
3	9845583	2	BOLT,
4	9846307	2	RING,
5	82006056	1	SPINDLE,
6	14496901	2	WASHER, M16 x 30 x 3,
7	412398	2	BOLT, Hex, M16 x 50, 10.9,
8	82033237	1	SUPPORT,
9	82016308	1	BRACKET, RH, BSN 217254
9	82033911	1	BRACKET, RH, 217255-C5255
9	87381145	1	BRACKET, RH, D5255-
10	16204224	4	SCREW, M10X1,25X20
11	81834248	3	BOLT, Cap, HH, G8, 7/16"-14 x 3-1/4"
11	82934377	1	SCREW, 7/16"-14 x 2-1/2"
12	82027383	1	BRACKET,
13	82003747	1	GUIDE, LH, BSN 201778
14	11701721	2	NUT, M10, Cl 10,
15	16043624	4	BOLT, Hex, M8 x 25, 8.8, Full Thd,
16	82030304	1	CONSOLE,
17	87391150	1	SUPPORT, , ASN 201779
18	82035553	1	BRACKET, LH, ASN 201779

D4808 Serial N.201779 D4855 Serial N. 217255 D4859 After Date 22/07/02 D5255 After Date 02 December 2005

1.83.0/01(03) HOOD

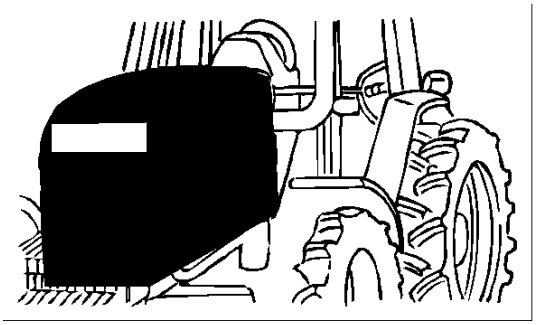


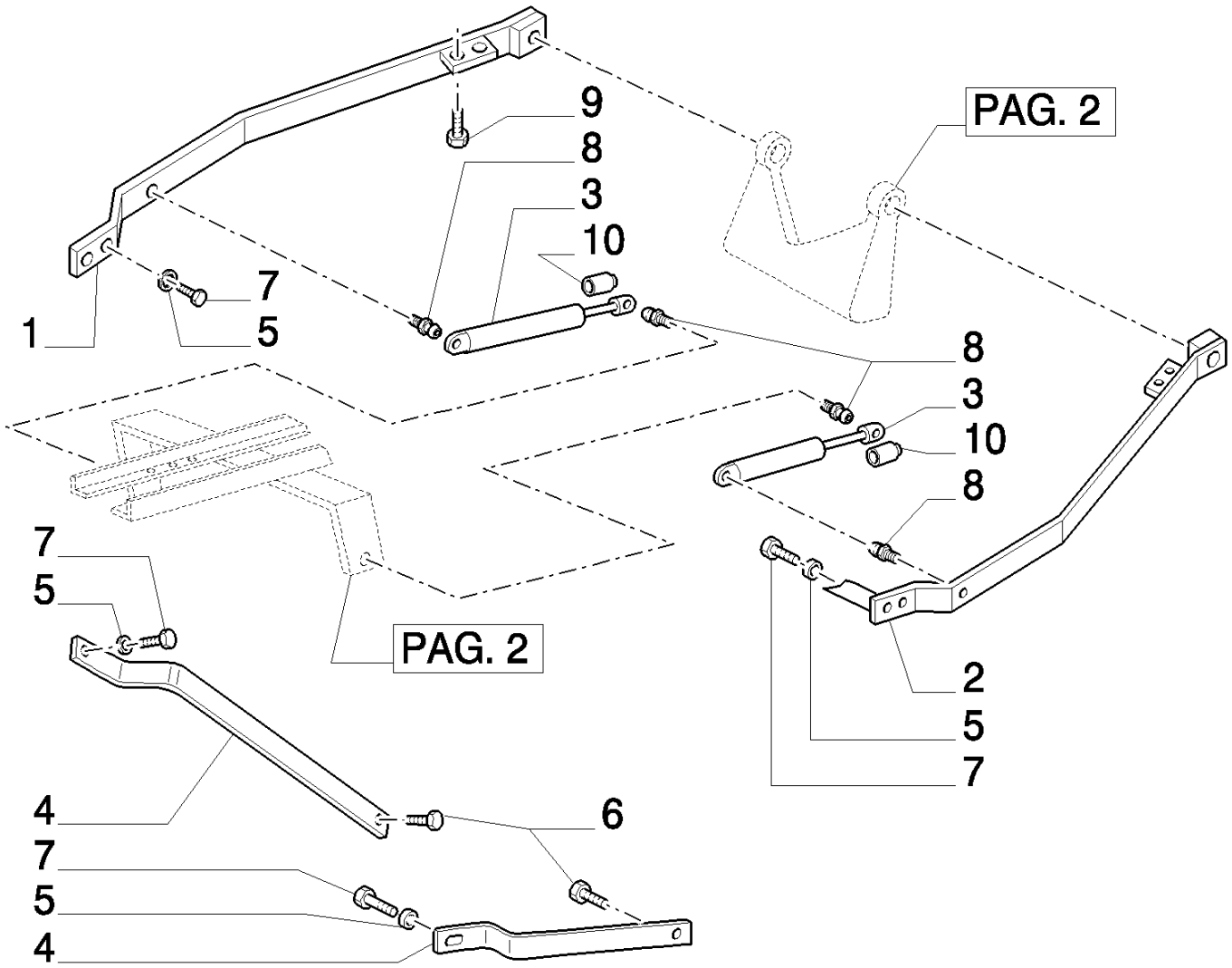


1.83.0/01(03) HOOD

Ref	Part Number	Qty	Description
1	81874177	1	CLIP,
2	82012648	1	LEVER, , BSN 201778
3	15896221	1	NUT, M6, Cl 10, , BSN 201778
4	82007434	1	CLIP, , BSN 201778
5	82007433	1	BLOCK, , BSN 201778
6	82007432	1	BALL,
7	353308	1	NUT, LOCK, M6 x 1, Cl 8,
8	D5NN2N255A	2	BUSHING, , BSN 201778
9	87364	1	WASHER, 1/2", SAE, , BSN 201778
10	9635806	1	CIRCLIP, #50, .392" Dia, E-Type, , BSN 201778
11	82017350	1	LEVER, , BSN 201778
12	E2NN9N961AA	1	KNOB, , BSN 201778
13	9826947	1	LATCH,
14	12574221	2	NUT, LOCK, M6 x 1, Cl 10,
15	86517328	4	WASHER, LOCK, M6,
16	12647601	4	WASHER, M6 x 16 x 2,
17	10902624	4	BOLT, Hex, M6 x 25, 8.8, Full Thd,
18	82031363	1	CABLE, , BTW 201779 & ACM265315
19	399555	3	NUT, Thin, M12 x 1.5, Cl 04, , BTW 201779 & ACM265315
20	15896411	1	NUT, M5, Cl 8, , ASN 201779
21	82038438	1	HANDLE, , ASN 201779
22	87392616	1	CABLE, , ASN ACM265316
23	10791211	1	NUT, Thin, M12 x 1.5, Cl 04, , ASN ACM265316

1.83.0/01(04) HOOD



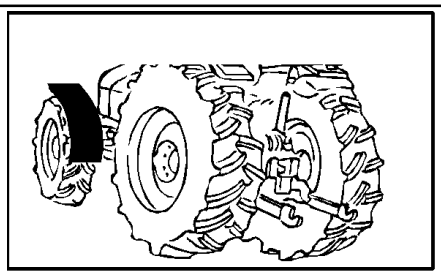


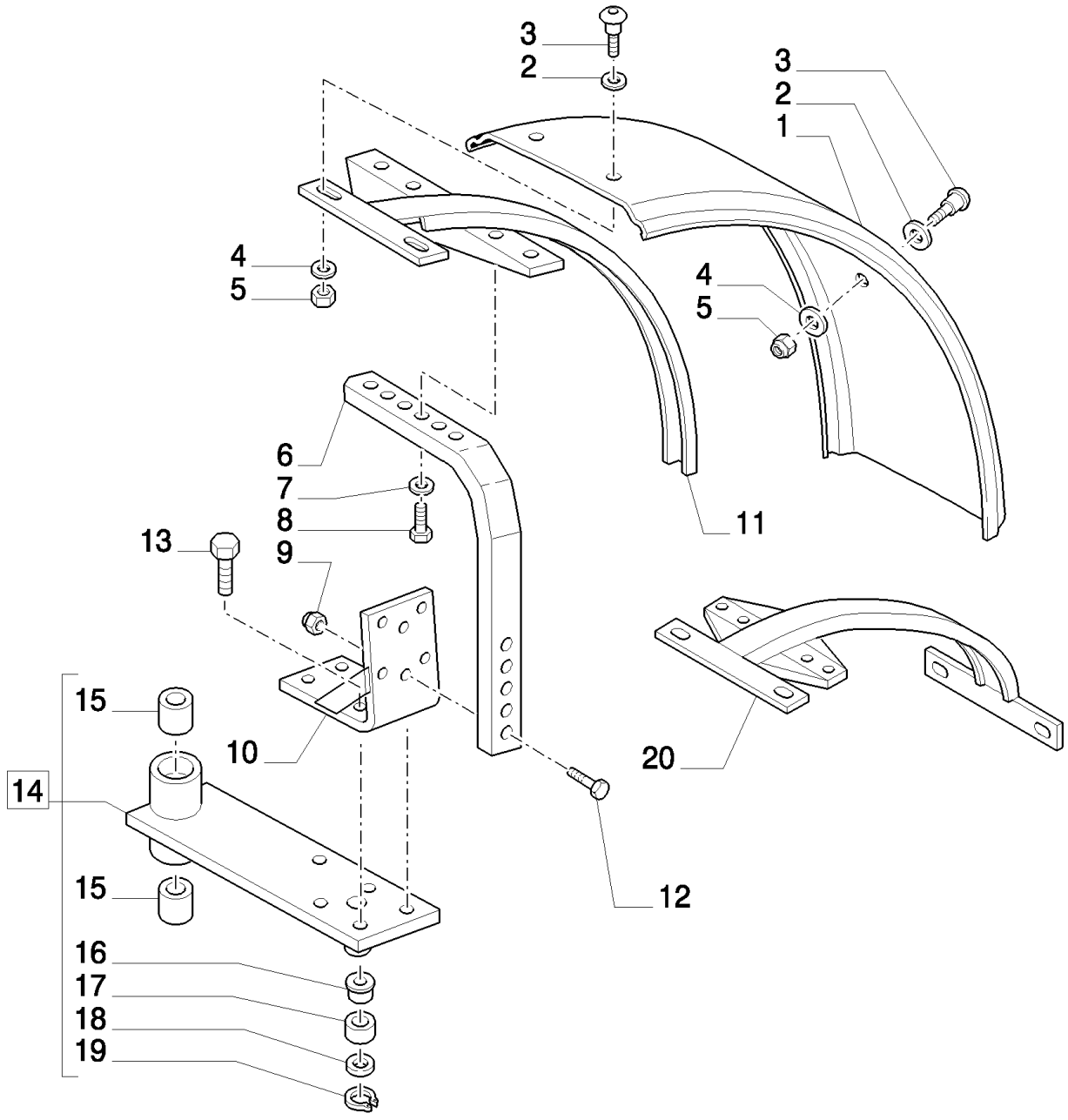
TM190 TRACTOR (6/02-) - Sheet Metal

1.83.0/01(04) HOOD

Ref	Part Number	Qty	Description
1	82011113	1	BRACKET, RH
2	82011114	1	SUPPORT, LH
3	82023977	2	GAS STRUT,
4	82016880	2	REINFORCEMENT,
5	12626204	6	WASHER, M10 x 25 x 3,
6	11106424	2	BOLT, Hex, M10 x 30, 8.8, Full Thd,
7	11106221	6	BOLT, Hex, M10 x 25, 8.8, Full Thd,
8	83952214	4	PIN, BALL,
9	11106021	4	BOLT, Hex, M10 x 20, 8.8, Full Thd,
10	82019394	4	SEAL,

1.87.4(01) (VAR.497) DYNAMIC FRONT FENDERS (4WD)

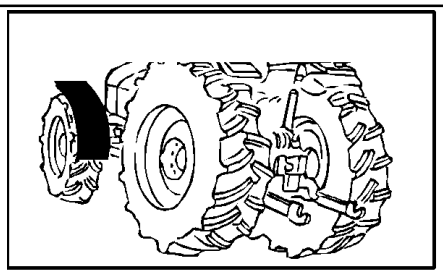


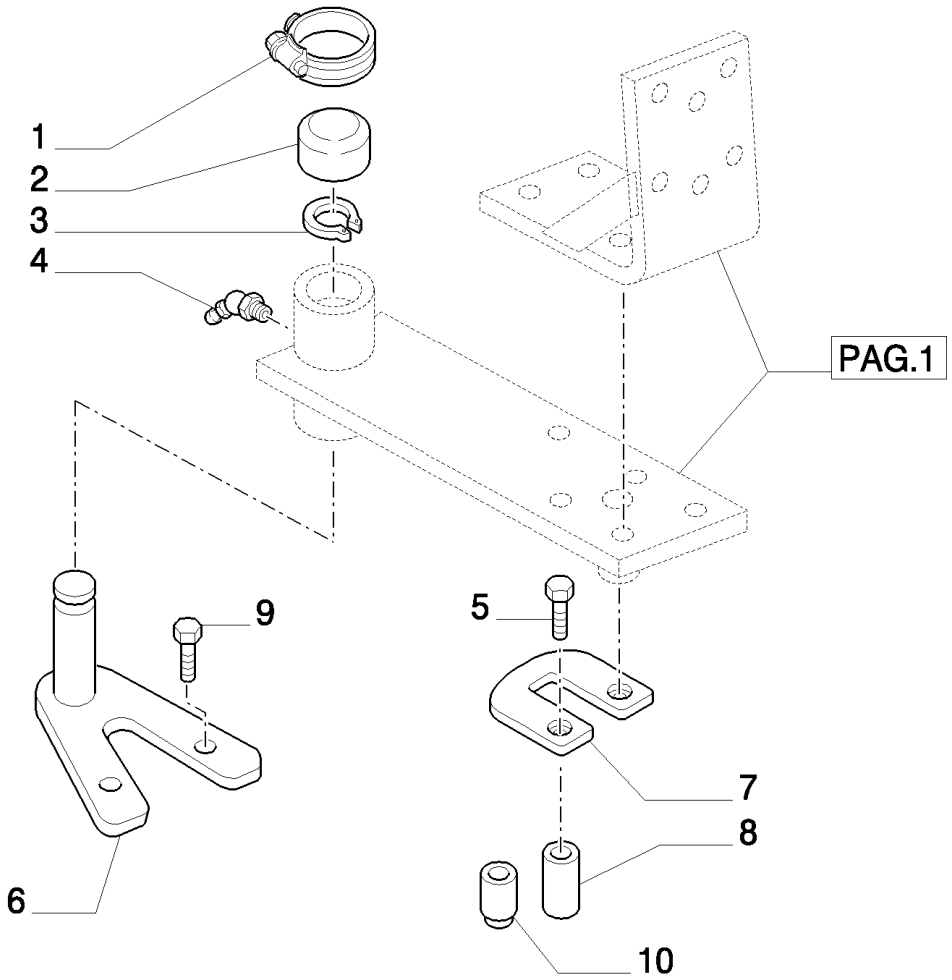


1.87.4(01) (VAR.497) DYNAMIC FRONT FENDERS (4WD)

Ref	Part Number	Qty	Description
1	82030645	2	FENDER, FRONT, TM140, TM155, TM175, TM190, 4 mounting holes, BSN ACM251705
1	82018339	2	FENDER, FRONT, TM120, TM130, 4 mounting holes, BSN ACM251705
1	87308124	2	FENDER, FRONT, TM120, TM130, 4 mounting holes, ASN ACM251706
1	87308125	2	FENDER, FRONT, TM140, TM155, TM175, TM190, 4 mounting holes, ASN ACM251706
2	81872600	AR	WASHER, 7/16"
3	83990985	AR	BOLT, Carriage, G4.6, M8 x 1.25 x 25
4	12646704	AR	WASHER, M8 x 20 x 2,
5	16104511	AR	NUT, LOCK, M8 x 1.25, Cl 8.8,
6	82027308	2	ARM, TM120, TM130, TM140, TM155
6	82031781	1	ARM, SUPPORTING, LH, TM175, TM190
6	82032818	1	ARM, SUPPORTING, RH, TM175, TM190
7	82879352	4	WASHER,
8	15215721	4	BOLT, Hex, M12 x 50, 8.8, Full Thd,
9	12574811	4	NUT, LOCK, M14 x 1.5, Cl 8,
10	82027411	2	BRACKET,
11	82025941	2	BRACKET, , BSN ACM251705
12	16214921	4	BOLT, Hex, M14 x 65,
13	82037607	8	SCREW, M14 x 1.5 x 35
14	82025926	1	LEVER, RH, TM120, TM130, TM140
14	82025927	1	LEVER, LH,TM120, TM130, TM140
14	82025925	2	LEVER, TM155, TM175, TM190
15	82025920	4	BUSHING,
16	D5NN2N255A	2	BUSHING,
17	82013749	2	GUIDE,
18	14499601	2	WASHER, M12 x 20 x 2.5,
19	11066076	2	RING, SNAP, M12, Ext,
20	87308121	2	SUPPORT, , ASN ACM251706

1.87.4(02) (VAR.497) DYNAMIC FRONT FENDERS (4WD)

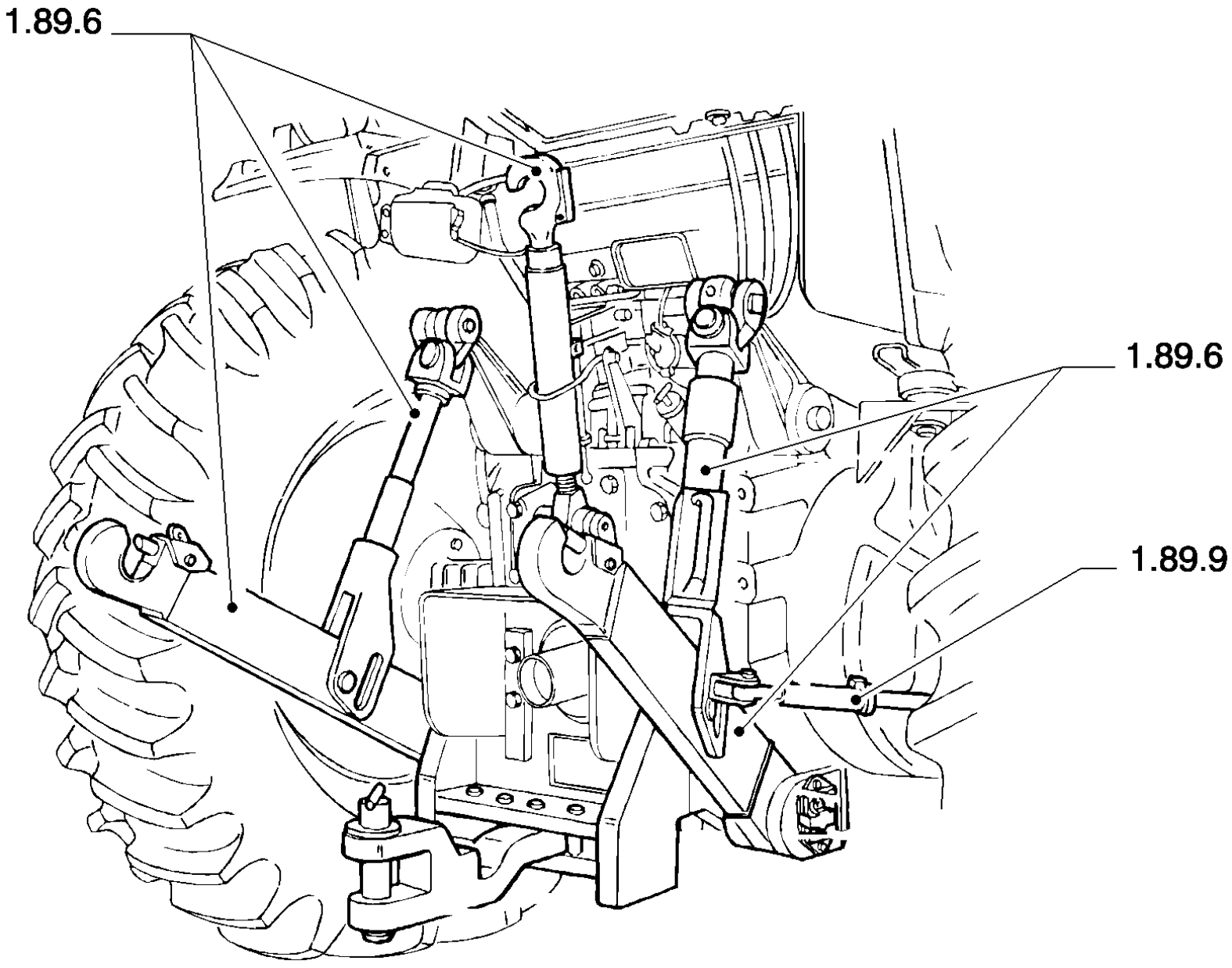




TM190 TRACTOR (6/02-) - Sheet Metal

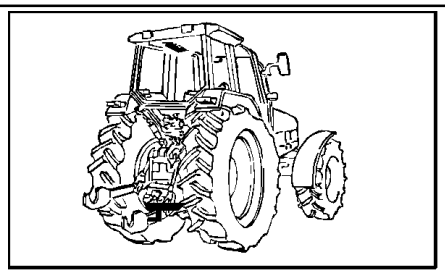
1.87.4(02) (VAR.497) DYNAMIC FRONT FENDERS (4WD)

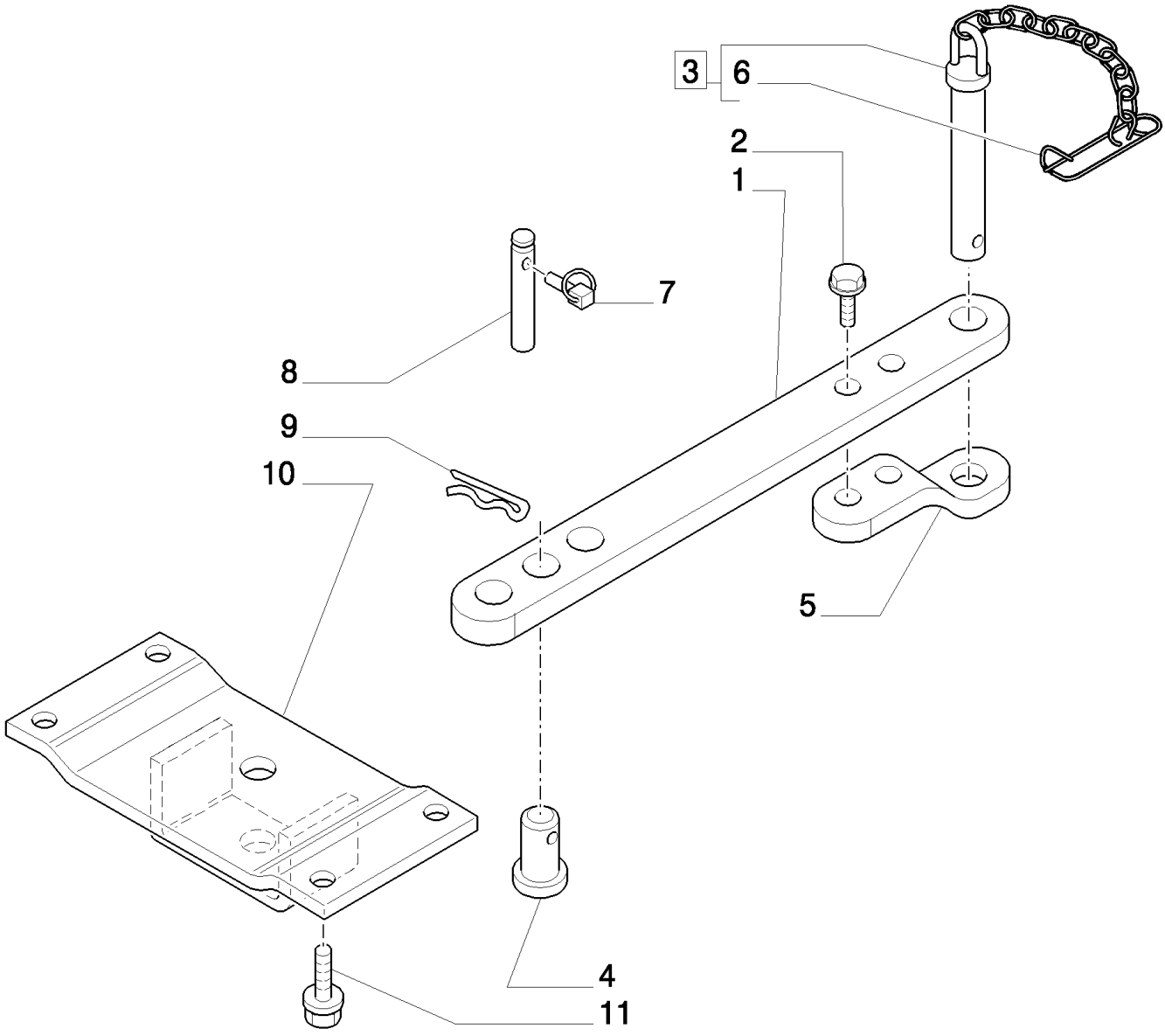
Ref	Part Number	Qty	Description
1	82039346	2	CLAMP, HOSE,
2	82019114	2	CAP,
3	11067871	2	RING, SNAP, M30, Ext,
4	13407811	2	NIPPLE, LUBE,
5	14837634	4	BOLT, Hex, M12 x 1.25 x 110, TM120, TM130, TM140
5	14837734	4	BOLT, Hex, M12 x 1.25 x 120, TM155, TM175, TM190
6	82025924	2	SUPPORT, TM120, TM130, TM140
6	82025922	2	SUPPORT, TM155, TM175, TM190
7	82023851	2	SUPPORT,
8	5184935	4	SPACER, 13X25X20, TM120, TM130, TM140
8	5182910	4	SPACER, 13X25X32, TM155, TM175, TM190
9	82037606	4	SCREW, M12X55, TM120, TM130, TM140
9	82037608	4	SCREW, M14X1,5X55, TM155, TM175, TM190
10	82023852	4	SPACER, 13X25X65


1.89.6
1.89.6
1.89.9

Ref	Part Number	Qty	Description

1.89.0 (VAR.907) DRAWBAR FOR SLIDING SUPPORT



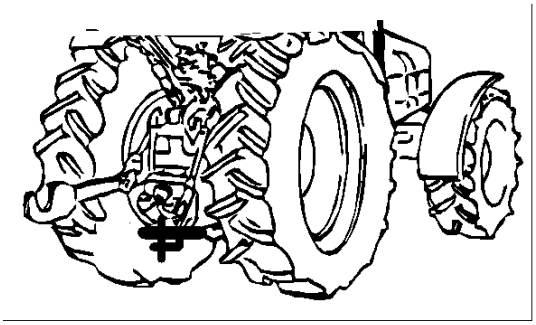


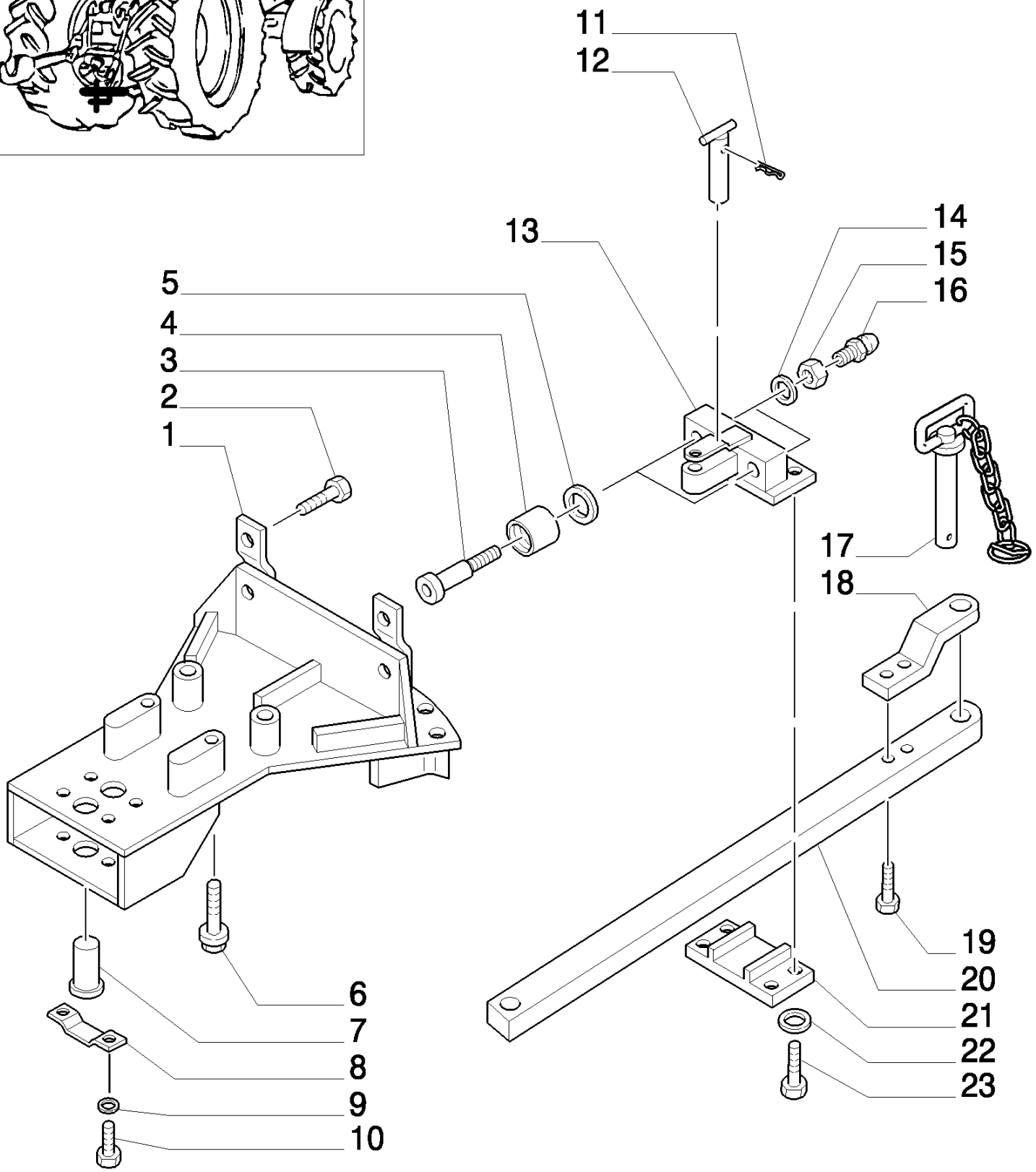
TM190 TRACTOR (6/02-) - Implement Lift

1.89.0 (VAR.907) DRAWBAR FOR SLIDING SUPPORT

Ref	Part Number	Qty	Description
1	82028263	1	DRAWBAR, Incl. 2,5, TM120, TM130, TM140, TM155
1	82028264	1	DRAWBAR, Incl. 2,5, TM175, TM190
2	11125234	2	BOLT, Hex, M20 x 75, 10.9,
3	5163732	1	PIN, HITCH,
4	82014781	1	PIN, TM120, TM130, TM140, TM155
4	81866935	1	SPINDLE, TM175, TM190
5	82026931	1	CLEVIS,
6	5152004	1	PIN, LOCK,
7	82014909	2	PIN, LOCK,
8	82015207	2	PIN,
9	82000094	1	PIN, SPLIT (COTTER),
10	82019203	1	PLATE, TM120, TM130, TM140, TM155
10	82028927	1	BRACKET, TM175, TM190
11	82011127	4	SCREW, M18X1,5X115, TM120, TM130, TM140, TM155
11	82018940	1	SCREW, Hex Flg, Usr, M18 x 1.5 x 40, Full Thd, TM175, TM190

1.89.0/01 (VAR.910) TOW-BAR WITH ROLLERS



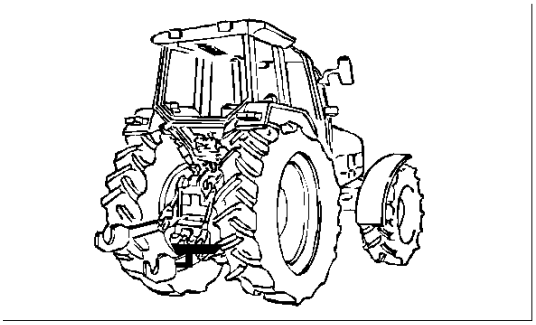


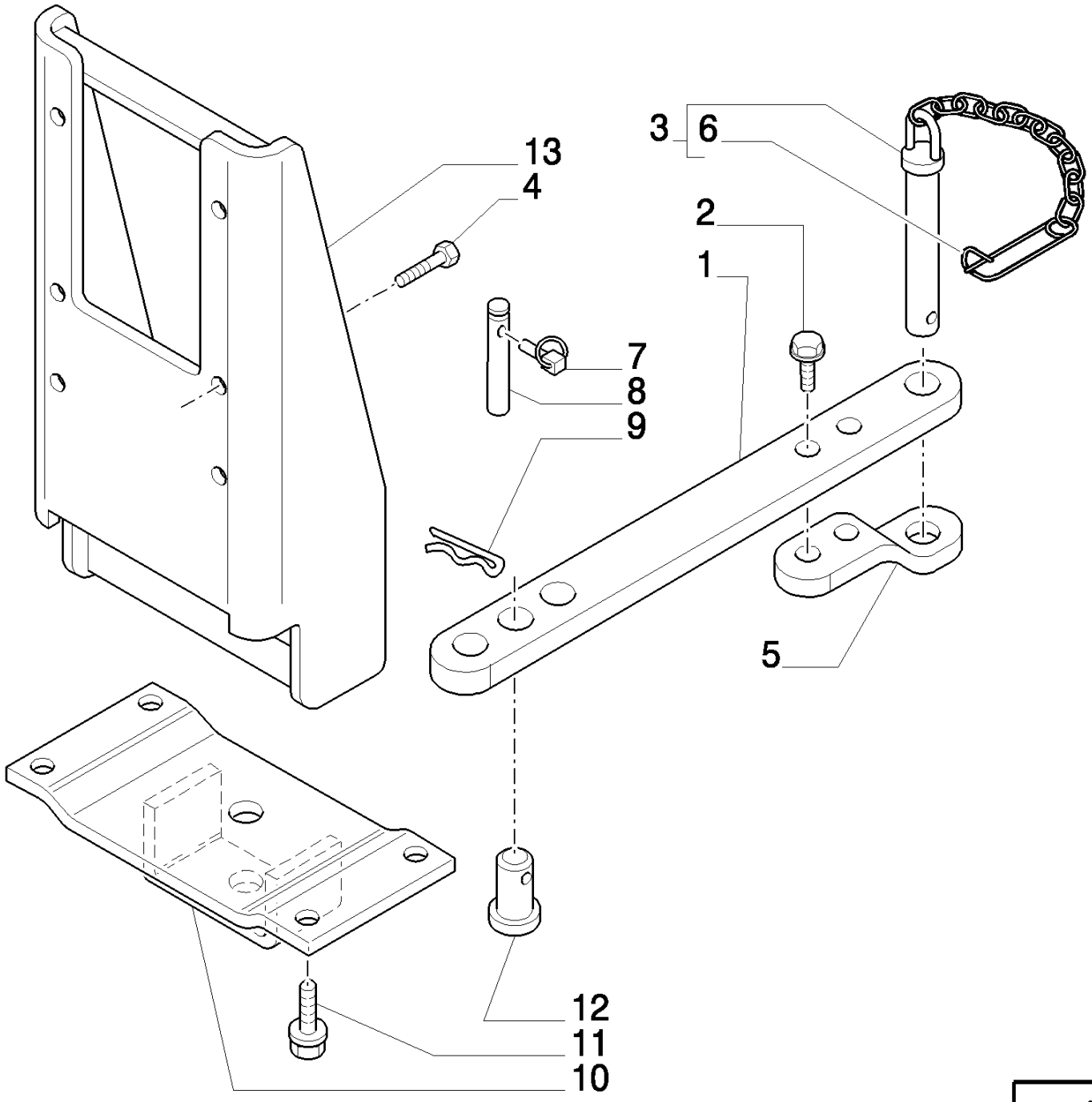
TM190 TRACTOR (6/02-) - Implement Lift

1.89.0/01 (VAR.910) TOW-BAR WITH ROLLERS

Ref	Part Number	Qty	Description
1	82027757	1	SUPPORT, TM120, TM130, TM140, TM155
1	82028925	1	SUPPORT, TM175, TM190
2	11244634	4	BOLT, Hex, M18 x 1.5 x 60, 10.9,
2	15984124	2	BOLT, Hex, M18 x 1.5 x 45, 8.8, Full Thd,
3	83954368	2	BOLT,
4	83954370	2	ROLLER,
5	390094S36	2	WASHER,
6	82011127	4	SCREW, M18X1,5X115, TM120, TM130, TM140, TM155
6	82001975	4	SCREW, M18X1,5X80, TM175, TM190
7	82014774	1	PIN, TOWBAR,
8	82021060	1	PLATE,
9	88542	2	BOLT, Hex, 1/4"-20 x 1/2", G5, Full Thd,
10	9707580	2	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd,
11	82026318	1	PIN, SPLIT (COTTER), Spring Retainer, 1/8" x 2-5/16"
12	82029383	1	PIN, SPLIT (COTTER),
13	82027972	1	SUPPORT,
14	87340	2	WASHER, LOCK, 3/4",
15	1689	2	NUT, 3/4"-16, G5,
16	80710	2	NIPPLE, LUBE, 1/8"-27 x .66 lg,
17	83954379	1	PIN, HITCH,
18	82026931	1	CLEVIS,
19	11125234	2	BOLT, Hex, M20 x 75, 10.9,
20	82027758	1	DRAWBAR, Incl. Ref. 18,19
21	82027968	1	PLATE,
22	10517274	4	WASHER, LOCK,
23	280119	4	BOLT, Hex, 5/8"-11 x 3 1/2", G5,

1.89.0/02 (VAR.912) SWAY-BAR (EUROPE)



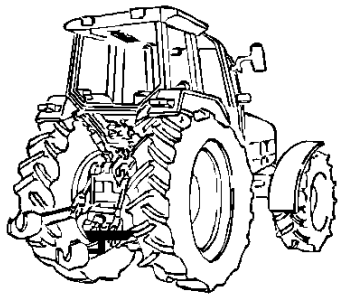


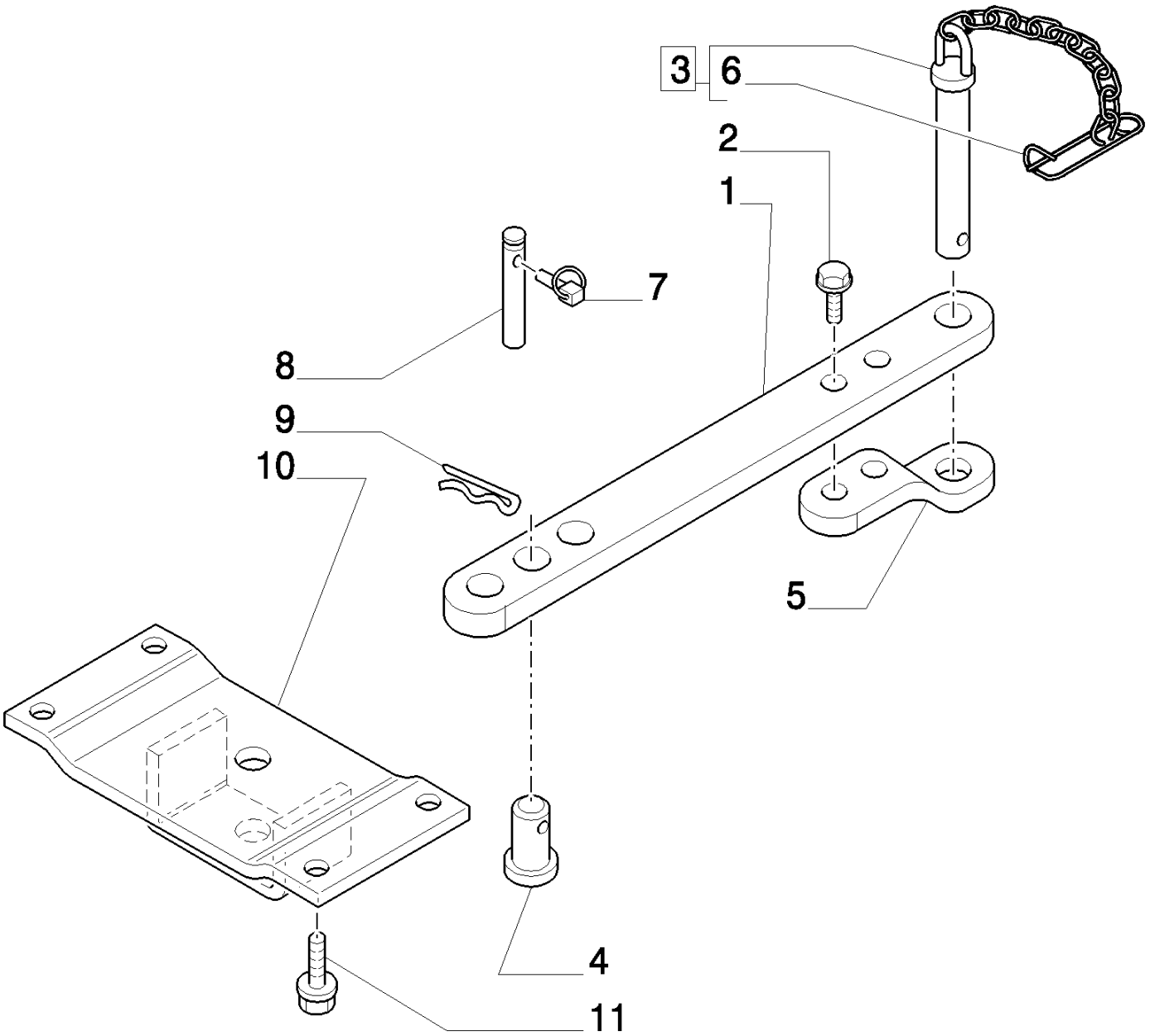
TM190 TRACTOR (6/02-) - Implement Lift

1.89.0/02 (VAR.912) SWAY-BAR (EUROPE)

Ref	Part Number	Qty	Description
1	82028263	1	DRAWBAR, Incl. Ref. 2,5, TM120, TM130, TM140, TM155
1	82028264	1	DRAWBAR, Incl. Ref. 2,5, TM175, TM190
2	11125234	2	BOLT, Hex, M20 x 75, 10.9,
3	5163732	1	PIN, HITCH,
4	16220874	6	BOLT, Hex, M18 x 45,
5	82026931	1	CLEVIS,
6	5152004	1	PIN, LOCK,
7	82014909	2	PIN, LOCK,
8	82015207	4	PIN,
9	82000094	1	PIN, SPLIT (COTTER),
10	82019203	1	PLATE, TM120, TM130, TM140, TM155
10	82028927	1	BRACKET, TM175, TM190
11	82011127	4	SCREW, M18X1,5X115, TM120, TM130, TM140, TM155
11	82018940	1	SCREW, Hex Flg, Usr, M18 x 1.5 x 40, Full Thd, TM175, TM190
12	82014781	1	PIN, TM120, TM130, TM140, TM155
12	81866935	1	SPINDLE, TM175, TM190
13	82014785	1	SUPPORT,

1.89.0/03 (VAR.913) DRAWBAR (29MM) FOR ITALY



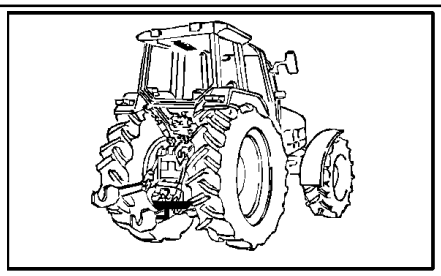


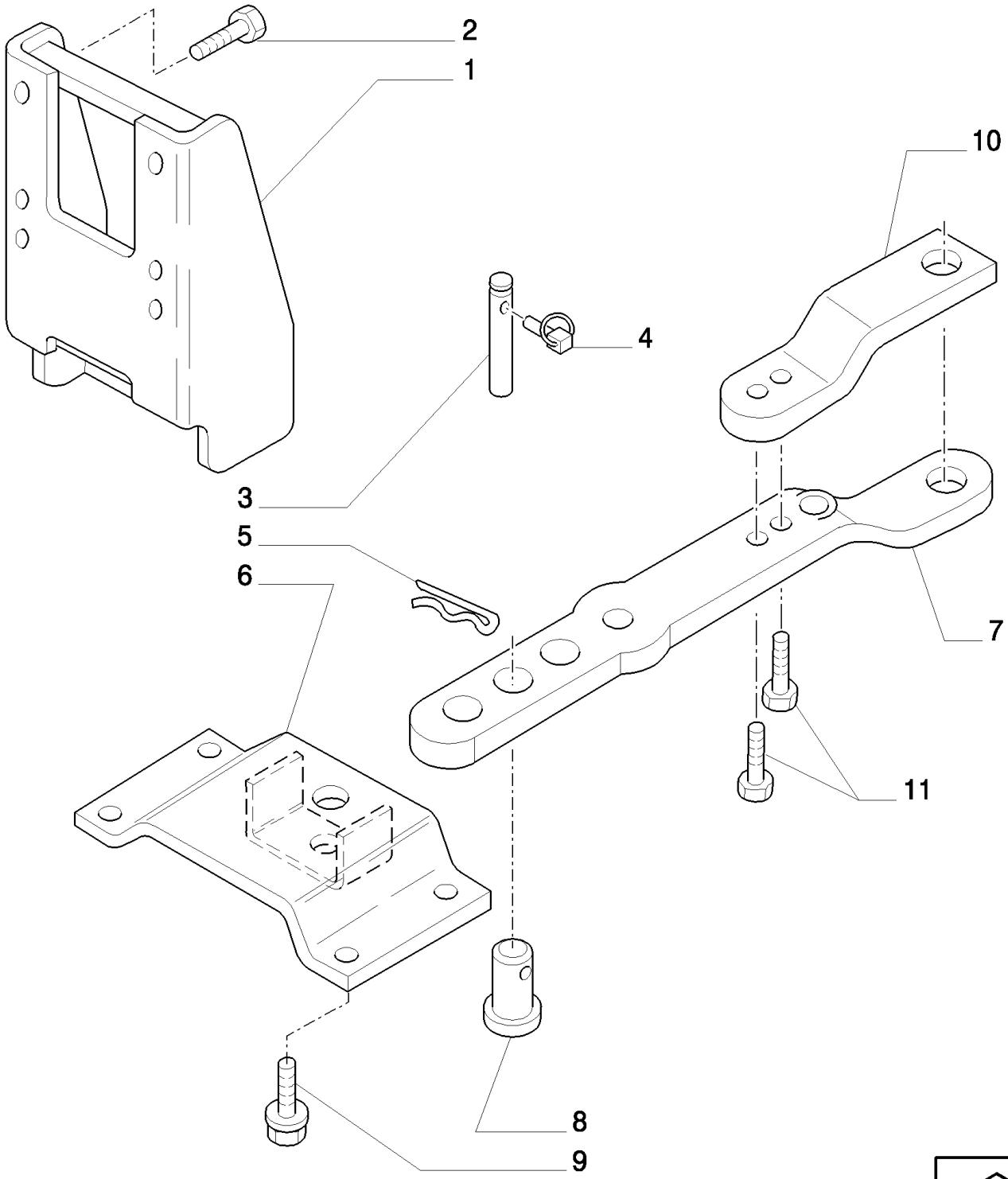
TM190 TRACTOR (6/02-) - Implement Lift

1.89.0/03 (VAR.913) DRAWBAR (29MM) FOR ITALY

Ref	Part Number	Qty	Description
1	82028265	1	DRAWBAR, Incl. Ref. 2,5, TM120, TM130, TM140, TM155
1	82028266	1	DRAWBAR, Incl. Ref. 2,5, TM175, TM190
2	11125234	2	BOLT, Hex, M20 x 75, 10.9,
3	5162713	1	PIN, HITCH,
4	82014781	1	PIN, TM120, TM130, TM140, TM155
4	81866935	1	SPINDLE, TM175, TM190
5	82026909	1	SUPPORT,
6	5152004	1	PIN, LOCK,
7	82014909	2	PIN, LOCK,
8	82015207	4	PIN,
9	82000094	1	PIN, SPLIT (COTTER),
10	82019203	1	PLATE, TM120, TM130, TM140, TM155
10	82028927	1	BRACKET, TM175, TM190
11	82011127	4	SCREW, M18X1,5X115, TM120, TM130, TM140, TM155
11	82018940	4	SCREW, Hex Flg, Usr, M18 x 1.5 x 40, Full Thd, TM175, TM190

1.89.0/04 (VAR.839-914) SWAY-BAR (NASO)



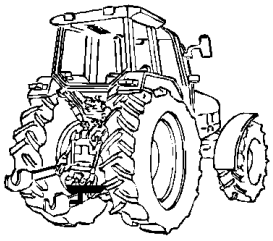


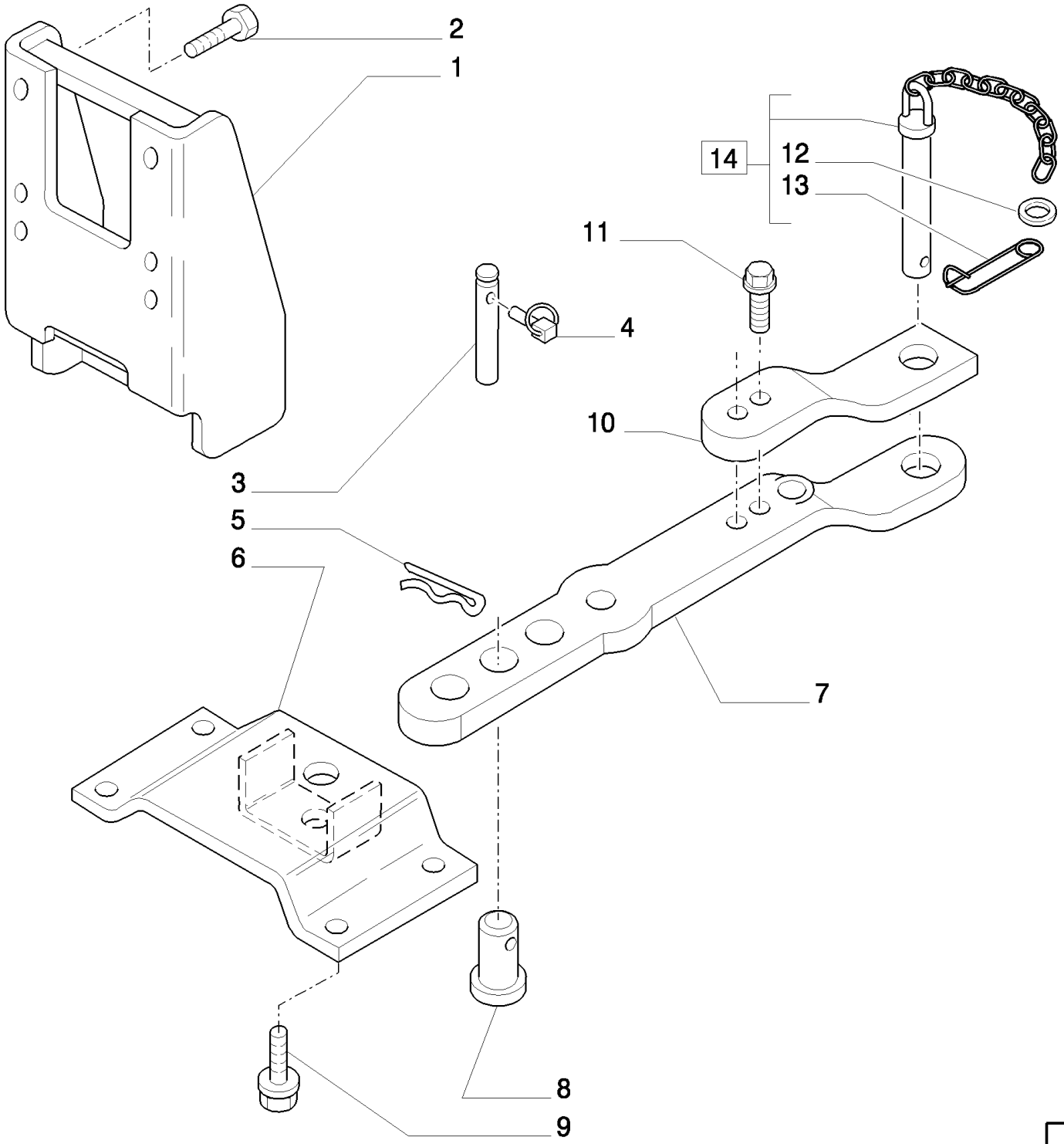
TM190 TRACTOR (6/02-) - Implement Lift

1.89.0/04 (VAR.839-914) SWAY-BAR (NASO)

Ref	Part Number	Qty	Description
1	82027759	1	SUPPORT,
2	16220874	4	BOLT, Hex, M18 x 45,
3	82015207	2	PIN,
4	82014909	2	PIN, LOCK,
5	82000094	1	PIN, SPLIT (COTTER),
6	82027398	1	BRACKET, TM120, TM130, TM140, TM155
6	82028926	1	BRACKET, TM175, TM190
7	82027760	1	DRAWBAR, TM120, TM130, TM140, TM155
7	82028979	1	DRAWBAR, TM175, TM190
8	82014781	1	PIN, TM120, TM130, TM140, TM155
8	81866935	1	SPINDLE, TM175, TM190
9	82011127	4	SCREW, M18X1,5X115, TM120, TM130, TM140, TM155
9	82018940	4	SCREW, Hex Flg, Usr, M18 x 1.5 x 40, Full Thd, TM175, TM190
10	82027418	1	SUPPORT,
11	11125234	1	BOLT, Hex, M20 x 75, 10.9,

1.89.0/05 (VAR.839) SWAY-BAR (NASO)



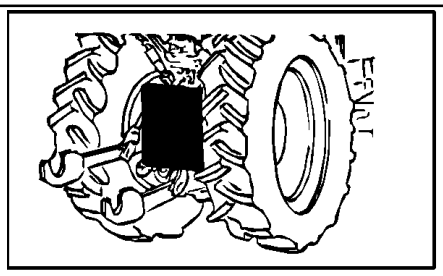


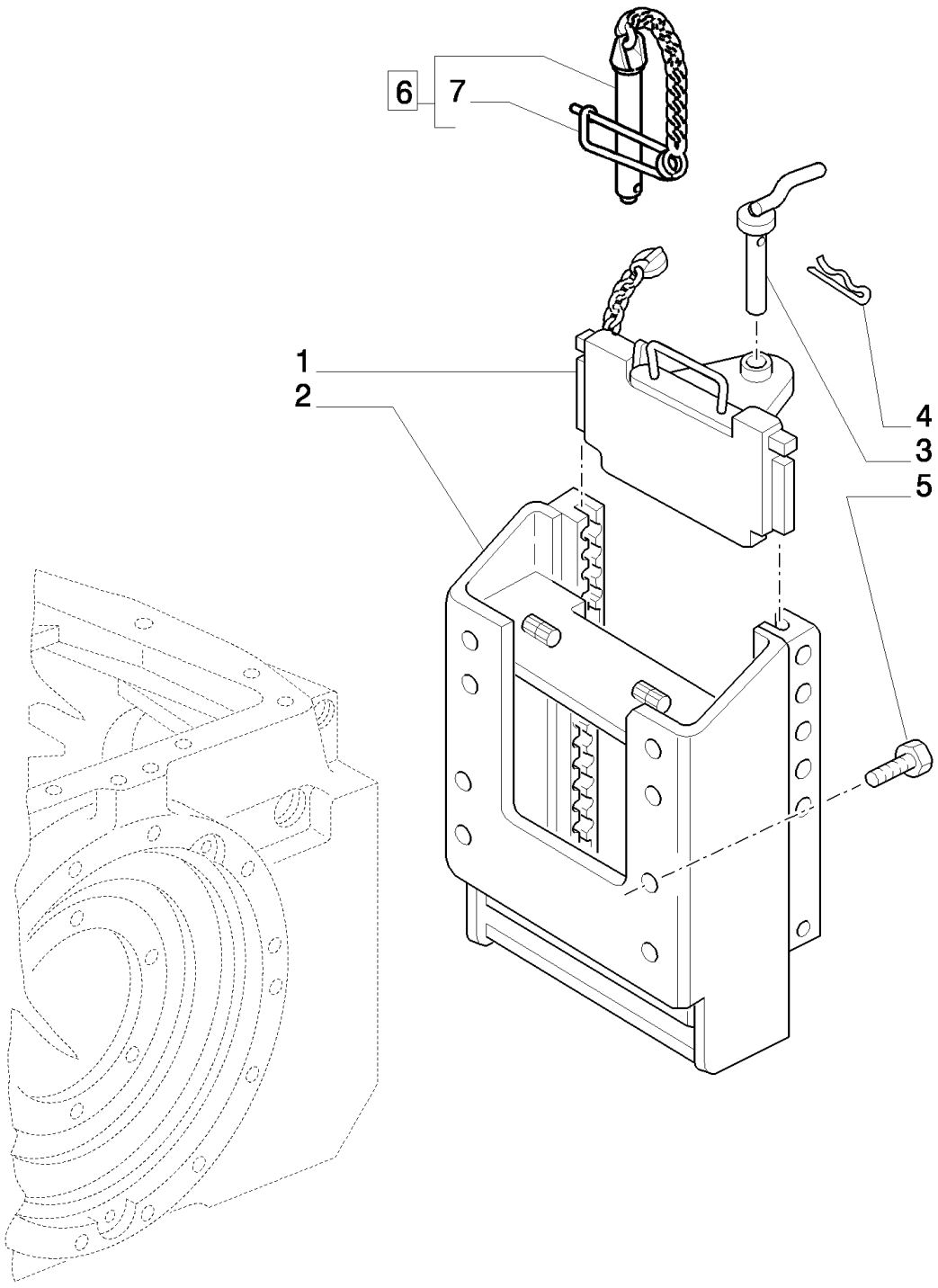
TM190 TRACTOR (6/02-) - Implement Lift

1.89.0/05 (VAR.839) SWAY-BAR (NASO)

Ref	Part Number	Qty	Description
1	82027759	1	SUPPORT,
2	16220874	6	BOLT, Hex, M18 x 45,
3	82015207	2	PIN,
4	82014909	2	PIN, LOCK,
5	82000094	1	PIN, SPLIT (COTTER),
6	82027398	1	BRACKET, TM120, TM130, TM140, TM155
6	82035743	1	BRACKET, TM175, TM190
7	82027760	1	DRAWBAR, TM120, TM130, TM140, TM155
7	82028979	1	DRAWBAR, TM175, TM190
8	82014781	1	PIN, TM120, TM130, TM140, TM155
8	82035745	1	PIN, TM175, TM190
9	82011127	4	SCREW, M18X1,5X115, TM120, TM130, TM140, TM155
9	82018940	4	SCREW, Hex Flg, Usr, M18 x 1.5 x 40, Full Thd, TM175, TM190
10	82027418	1	SUPPORT,
11	11125234	2	BOLT, Hex, M20 x 75, 10.9,
12	44901192	1	CLIP,
13	5152004	1	PIN, LOCK,
14	5163732	1	PIN, HITCH,

1.89.1 (VAR.926-928) SLIDING HITCH WITHOUT DRAWBAR



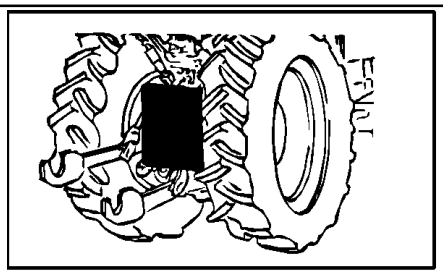


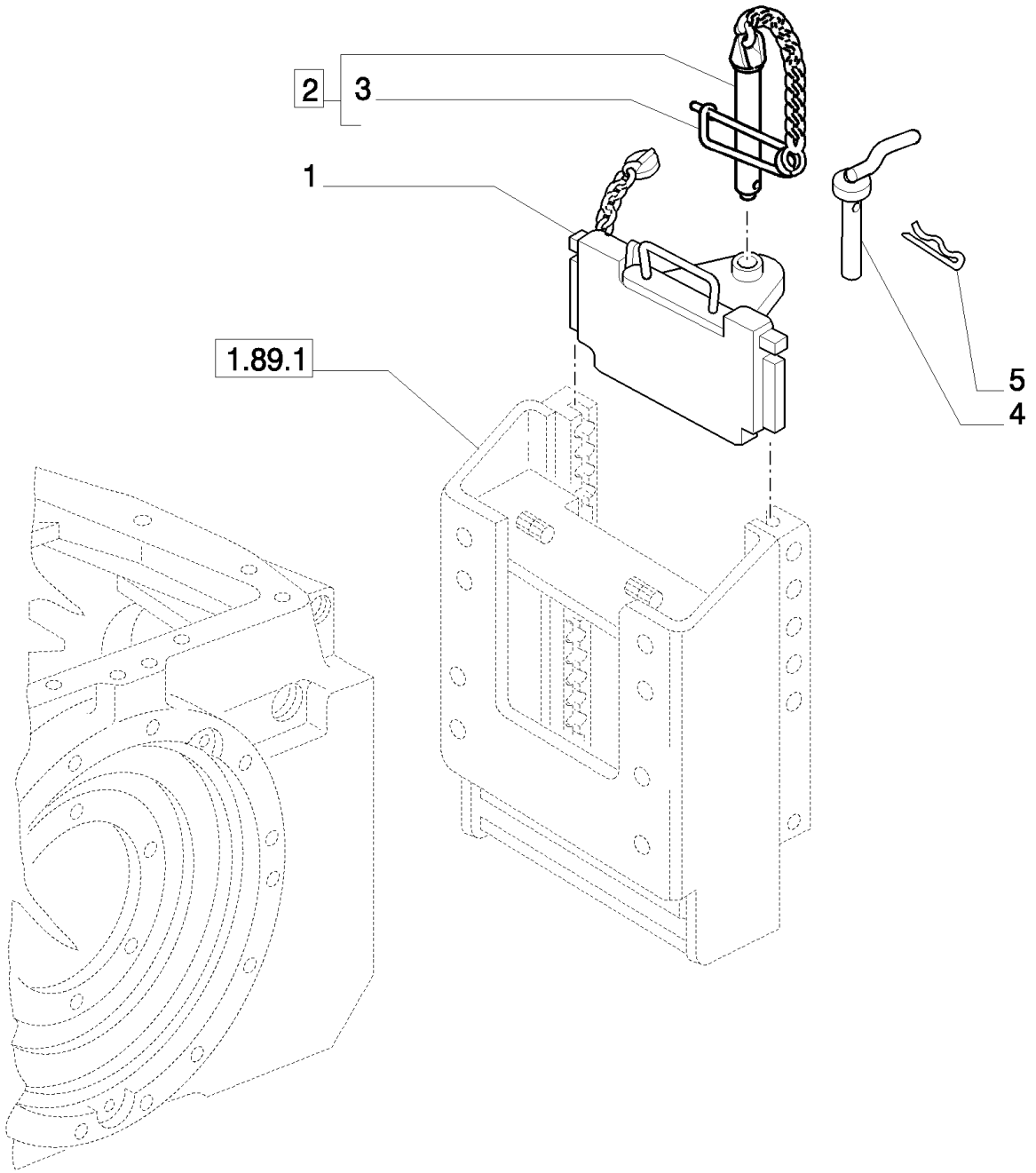
TM190 TRACTOR (6/02-) - Implement Lift

1.89.1 (VAR.926-928) SLIDING HITCH WITHOUT DRAWBAR

Ref	Part Number	Qty	Description
1	5199458	1	TOW HOOK, TM120, TM130, TM140, TM155
1	5199451	1	HOOK, TM175, TM190
2	82038061	1	FRAME,
3	82016898	1	PIN, HITCH, TM120, TM130, TM140, TM155
4	82000094	1	PIN, SPLIT (COTTER), TM120, TM130, TM140, TM155
5	16220874	8	BOLT, Hex, M18 x 45,
6	5159486	1	PIN, TM175, TM190
7	5152004	1	PIN, LOCK, TM175, TM190

1.89.1/01 (VAR.932) TOW-BAR, (ITALY) FOR SLIDING SUPPORT



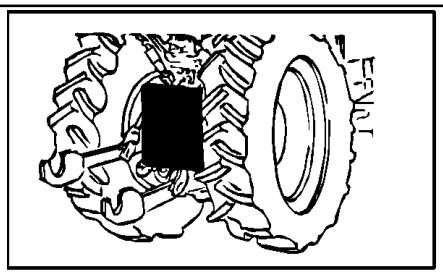


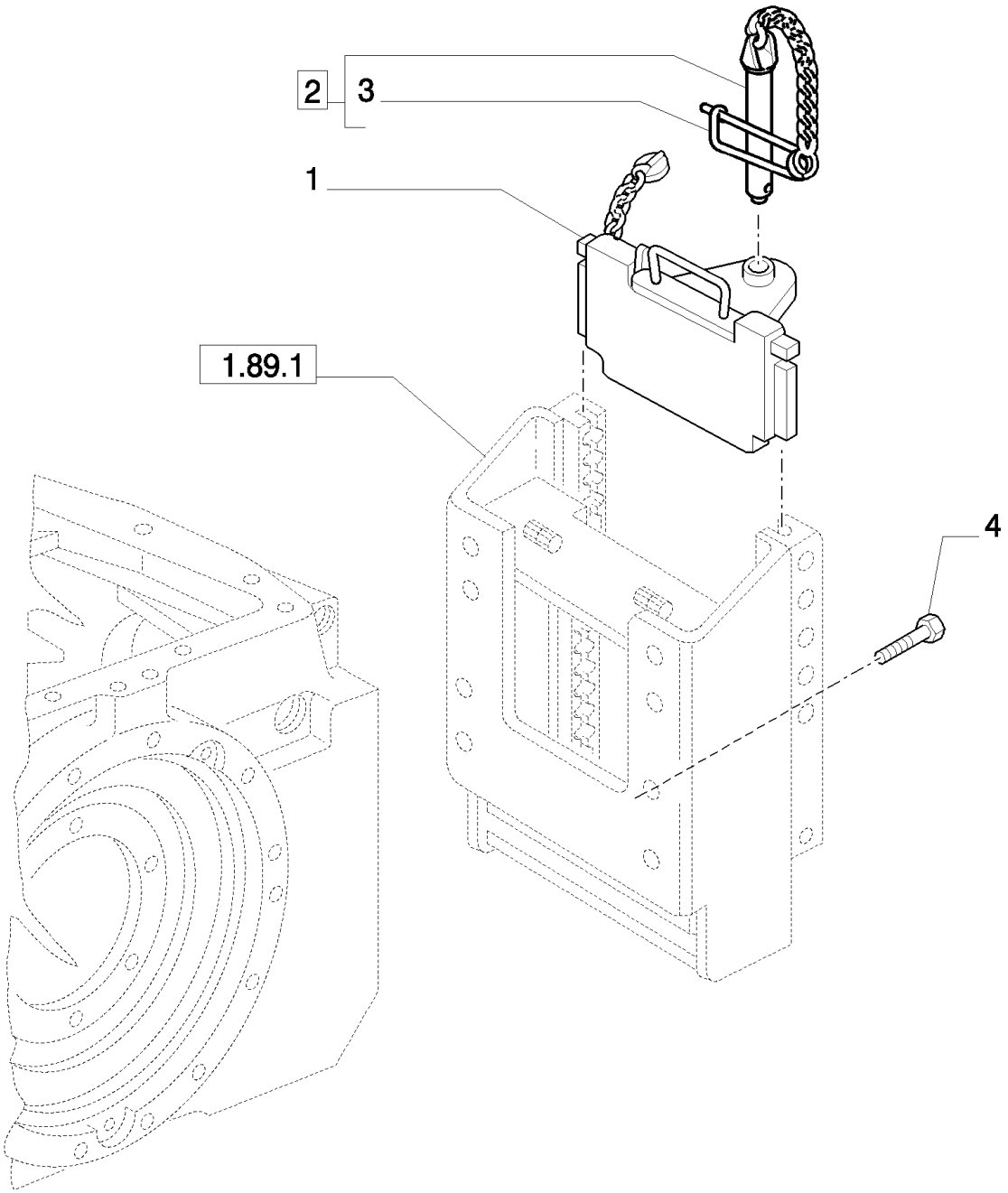
TM190 TRACTOR (6/02-) - Implement Lift

1.89.1/01 (VAR.932) TOW-BAR, (ITALY) FOR SLIDING SUPPORT

Ref	Part Number	Qty	Description
1	5199451	1	HOOK, , FOR TOW HOOK CATEGORY "D2"
1	5199458	1	TOW HOOK, , FOR TOW HOOK CATEGORY "C2"
2	5159486	1	PIN, , FOR TOW HOOK CATEGORY "D2"
3	5152004	1	PIN, LOCK, , FOR TOW HOOK CATEGORY "D2"
4	82016898	1	PIN, HITCH, , FOR TOW HOOK CATEGORY "C2"
5	82000094	1	PIN, SPLIT (COTTER), , FOR TOW HOOK CATEGORY "C2"

1.89.1/02 (VAR.947) TOW-BAR, CATEGORY "D3" FOR SLIDING SUPPORT



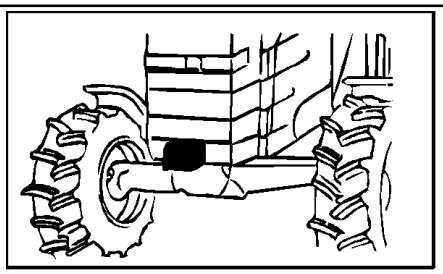


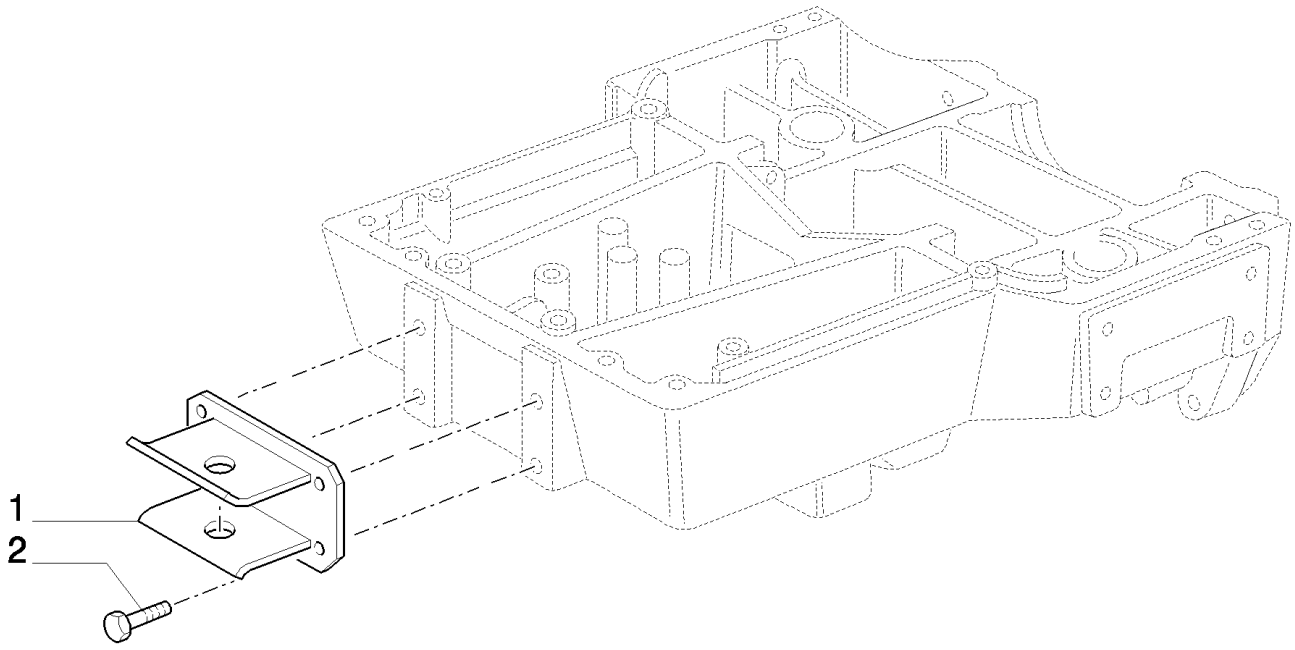
TM190 TRACTOR (6/02-) - Implement Lift

1.89.1/02 (VAR.947) TOW-BAR, CATEGORY "D3" FOR SLIDING SUPPORT

Ref	Part Number	Qty	Description
1	82027419	1	TOW HOOK,
2	5158870	1	PIN,
3	5152004	1	PIN, LOCK,
4	16220874	8	BOLT, Hex, M18 x 45,

1.89.2 (VAR.892) PULL HOOK

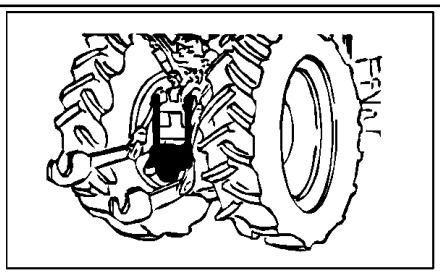


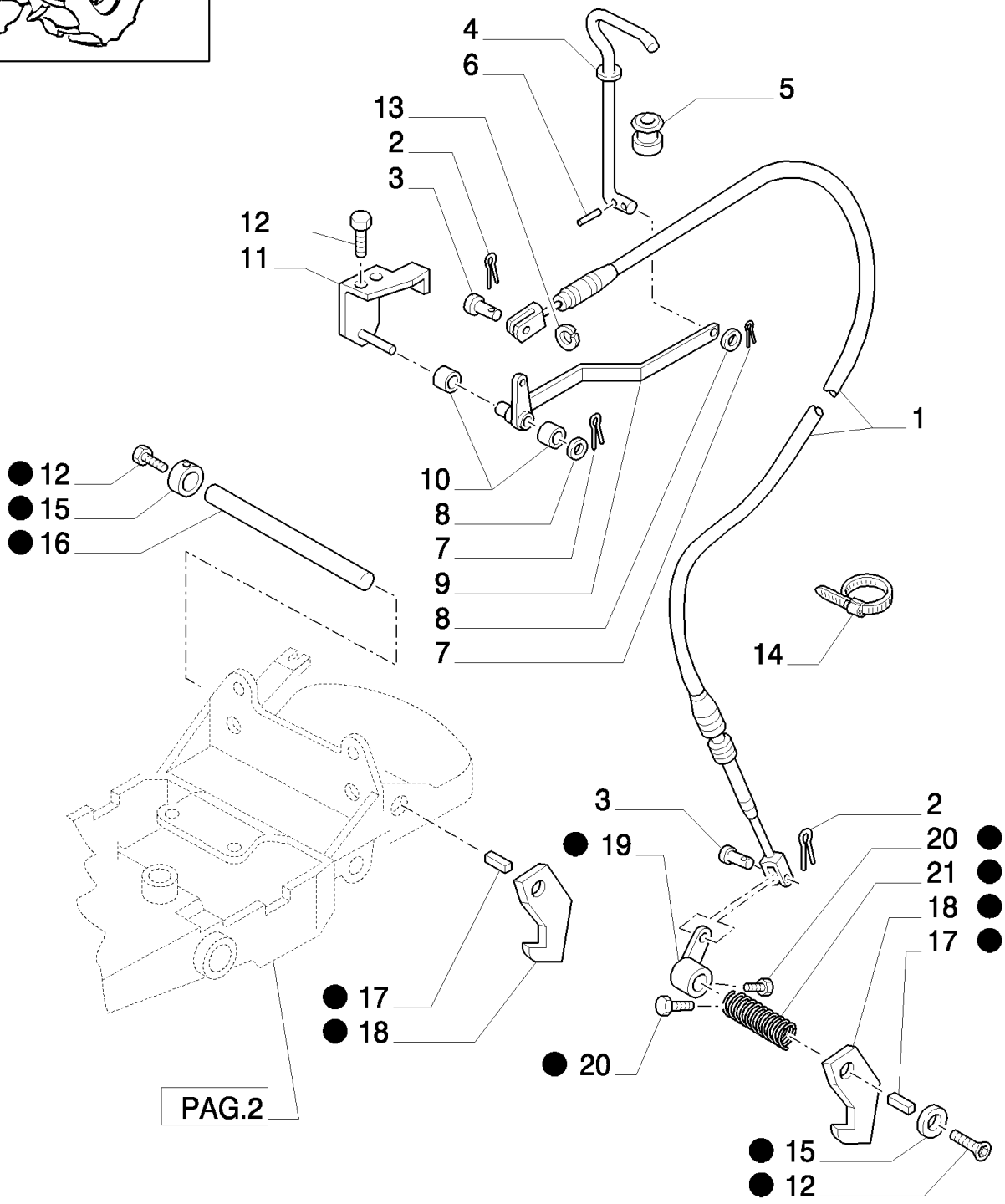


1.89.2 (VAR.892) PULL HOOK

Ref	Part Number	Qty	Description
1	82022185	1	TOW HOOK,
2	81863249	4	BOLT,

1.89.3/03(01) (VAR.898/2) AUTOMATIC HITCH - (WITH 2 ADDITIONAL JACKS)





KIT

● = 22

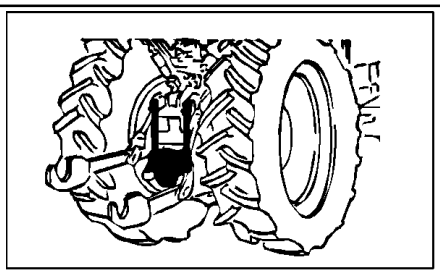
SEE ALSO PAG.2

TM190 TRACTOR (6/02-) - Implement Lift

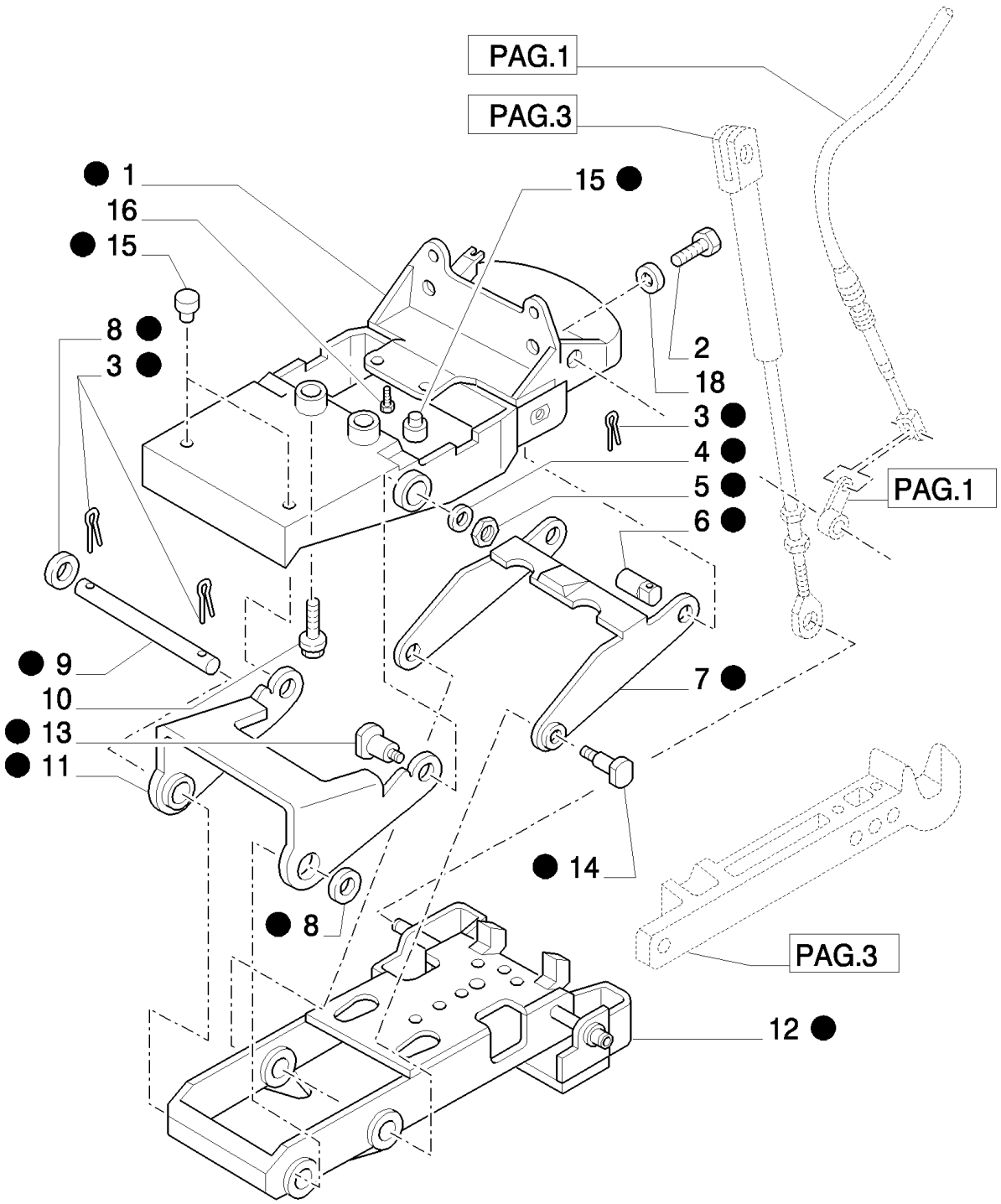
1.89.3/03(01) (VAR.898/2) AUTOMATIC HITCH - (WITH 2 ADDITIONAL JACKS)

Ref	Part Number	Qty	Description
1	82011893	1	CABLE,
2	82033370	2	PIN,
3	81868749	2	PIN, 15/16" x 19/32"
4	82003523	1	LEVER,
5	81865572	1	EYELET,
6	82000865	1	PIN,
7	80756	2	PIN, SPLIT (COTTER), 1/8" x 3/4",
8	83909861	2	WASHER, Hardened, G8, 1/2"
9	82003522	1	LEVER,
10	D5NN2N255A	2	BUSHING,
11	82003521	1	BRACKET,
12	16043424	4	SCREW, Hex, M8 x 20, 8.8, Full Thd,
13	9635806	1	CIRCLIP, #50, .392" Dia, E-Type,
14	263117	1	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
15	81870094	2	SPACER,
16	82006865	1	PIN,
17	82002862	2	KEY,
18	82008309	1	LATCH, LH
18	82008310	1	LATCH, RH
19	81863641	1	RING,
20	14442021	2	SCREW, Hex Soc Flat Hd, M8 x 20, 8.8,
21	81872300	1	SPRING,
22	82036494	1	HITCH,

1.89.3/03(02) (VAR.898/2) AUTOMATIC HITCH - (WITH 2 ADDITIONAL JACKS)



KIT ● = 17 SEE ALSO PAG.1

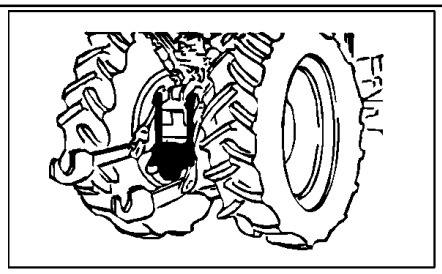


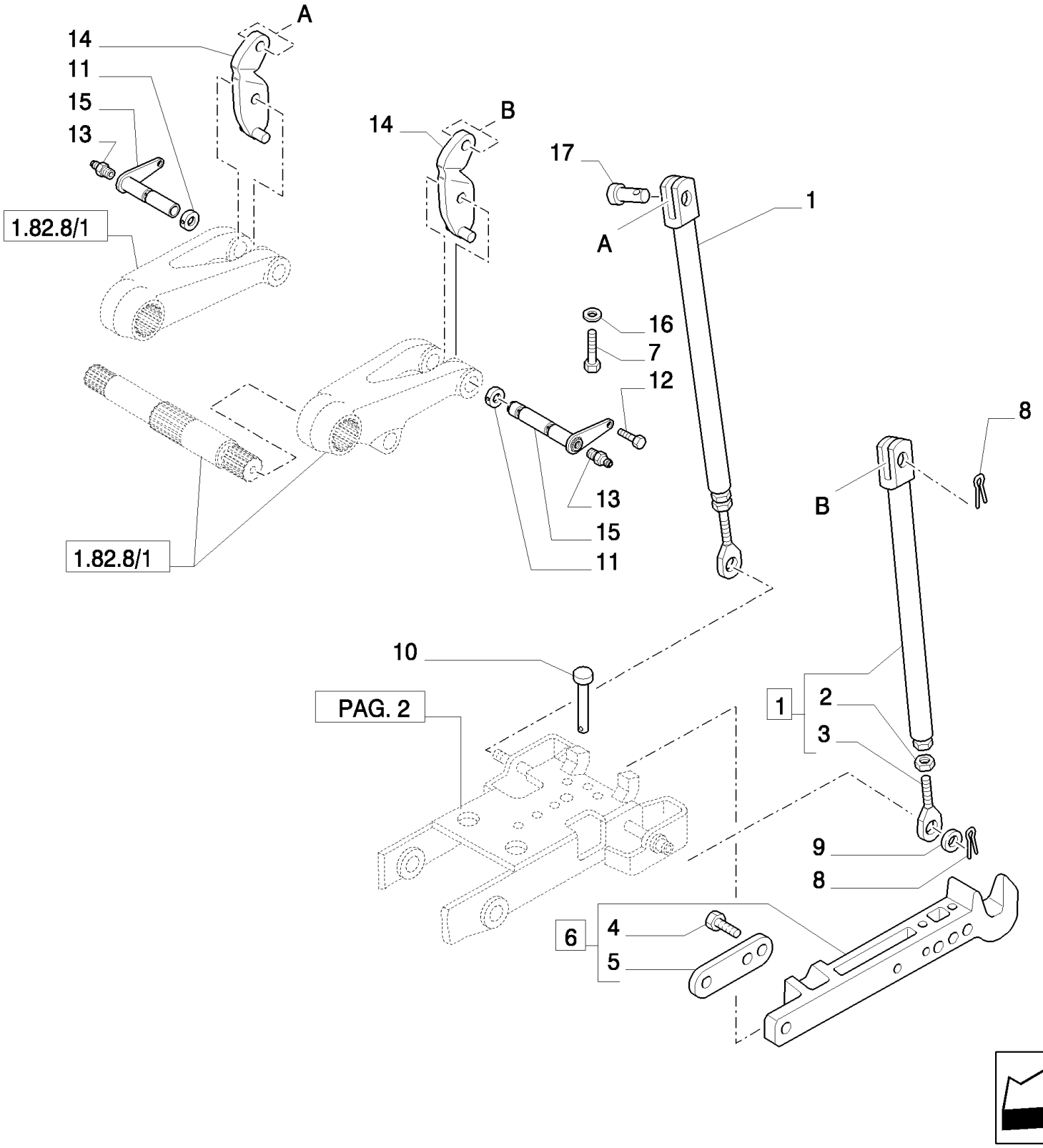
TM190 TRACTOR (6/02-) - Implement Lift

1.89.3/03(02) (VAR.898/2) AUTOMATIC HITCH - (WITH 2 ADDITIONAL JACKS)

Ref	Part Number	Qty	Description
1	82036493	1	BRACKET,
2	11244634	4	BOLT, Hex, M18 x 1.5 x 60, 10.9,
2	15984134	2	BOLT, Hex, M18 x 1.5 x 45, 10.9, Full Thd,
3	81868739	4	PIN, SPLIT (COTTER),
4	10520421	4	WASHER, M16 x 30 x 3,
5	12577721	4	NUT, LOCK, M20 x 2.5, Cl 10,
6	82006909	2	PIN,
7	82006898	1	LEVER,
8	81863620	2	WASHER,
9	82006849	1	PIN,
10	82018941	4	SCREW, M18X1,5X100
11	82028084	1	LEVER,
12	82029000	1	BRACKET, HITCH,
13	82011738	2	BOLT,
14	82014761	2	SCREW,
15	81869718	2	GROMMET,
15	82006638	1	GROMMET,
16	82001975	2	SCREW, M18X1,5X80
17	82036494	1	HITCH,
18	82014658	4	WASHER, D=18

1.89.3/03(03) (VAR.898/2) AUTOMATIC HITCH - (WITH 2 ADDITIONAL JACKS)





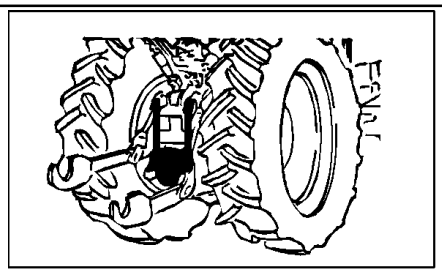
TM190 TRACTOR (6/02-) - Implement Lift

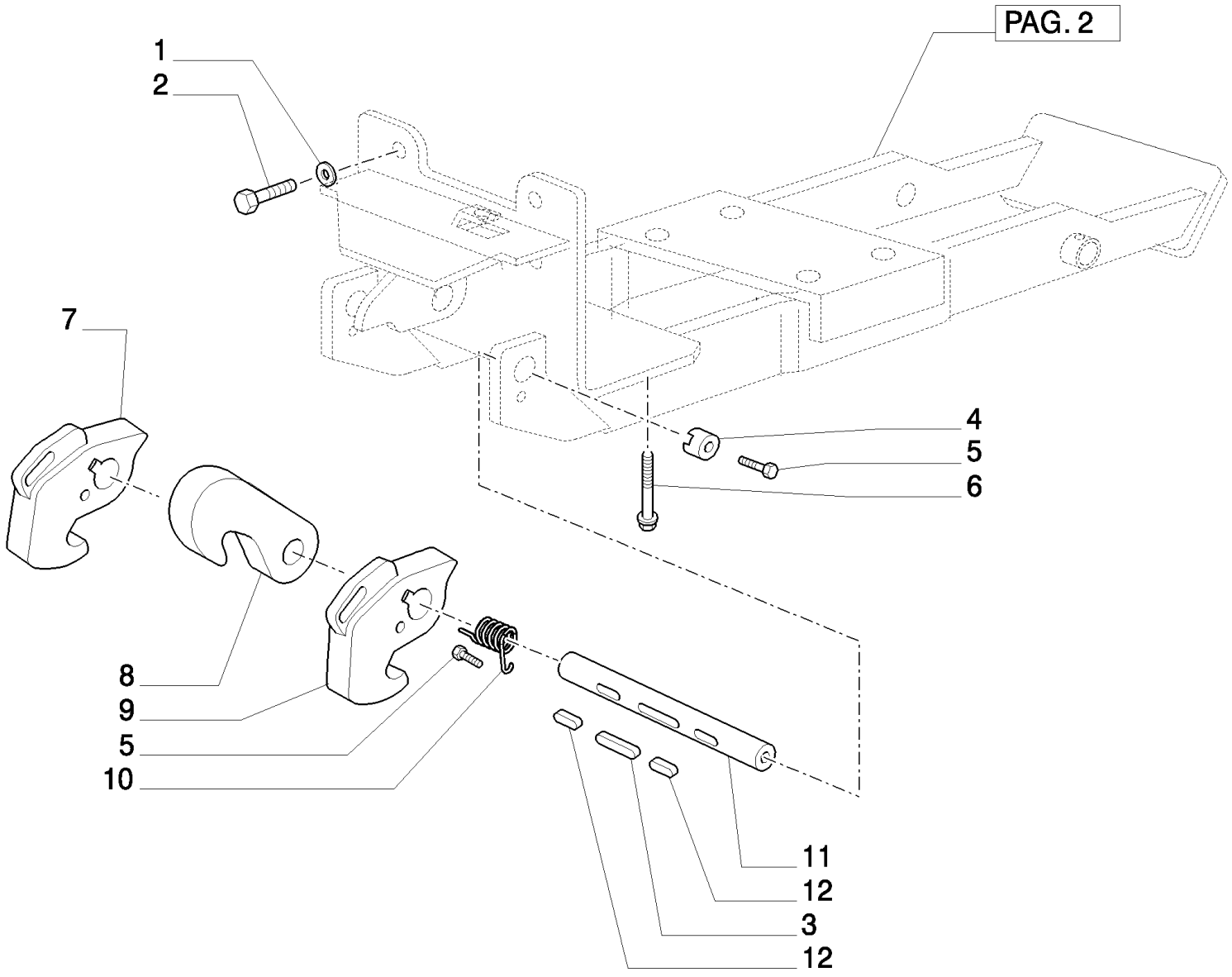
1.89.3/03(03) (VAR.898/2) AUTOMATIC HITCH - (WITH 2 ADDITIONAL JACKS)

Ref	Part Number	Qty	Description
1	82029002	2	TIE-ROD,
2	10703211	2	NUT, Thin, M18 x 1.5, Cl R04,
3	82012780	2	CLEVIS, M18
4	412641	2	BOLT, Hex, M20 x 70, 10.9,
5	82004633	1	PLATE,
6	82027753	1	DRAWBAR,
7	82880929	2	SCREW, M6 x 1 x 45
8	81868739	4	PIN, SPLIT (COTTER),
9	9825305	2	WASHER, 1"
10	82013258	2	PIN, , -C5352
10	87397139	2	PIN, , D5352-
11	82026564	2	SPACER, LH
12	15970721	2	BOLT, Hex, M10 x 1.25 x 25, 8.8, Full Thd,
13	87414	2	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive,
14	82025938	1	SUPPORT, LH
14	82026555	1	SUPPORT, RH
15	47131014	2	PIN,
16	353308	2	NUT, LOCK, M6 x 1, Cl 8,
17	82001701	2	PIN,

D5352 After Date 03 March 2006

1.89.3/04(01) (VAR.080-248) HYDRAULIC AUTOMATIC PICK UP HITCH FOR 1/2 AUXILIARY RAM





VAR.080 is valid for TM120, TM130 only

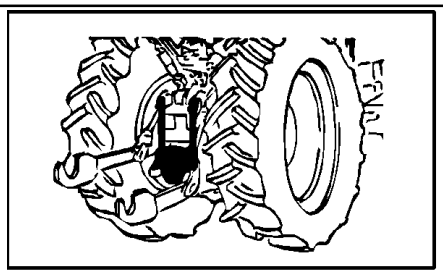
TM190 TRACTOR (6/02-) - Implement Lift

1.89.3/04(01) (VAR.080-248) HYDRAULIC AUTOMATIC PICK UP HITCH FOR 1/2 AUXILIARY RAM

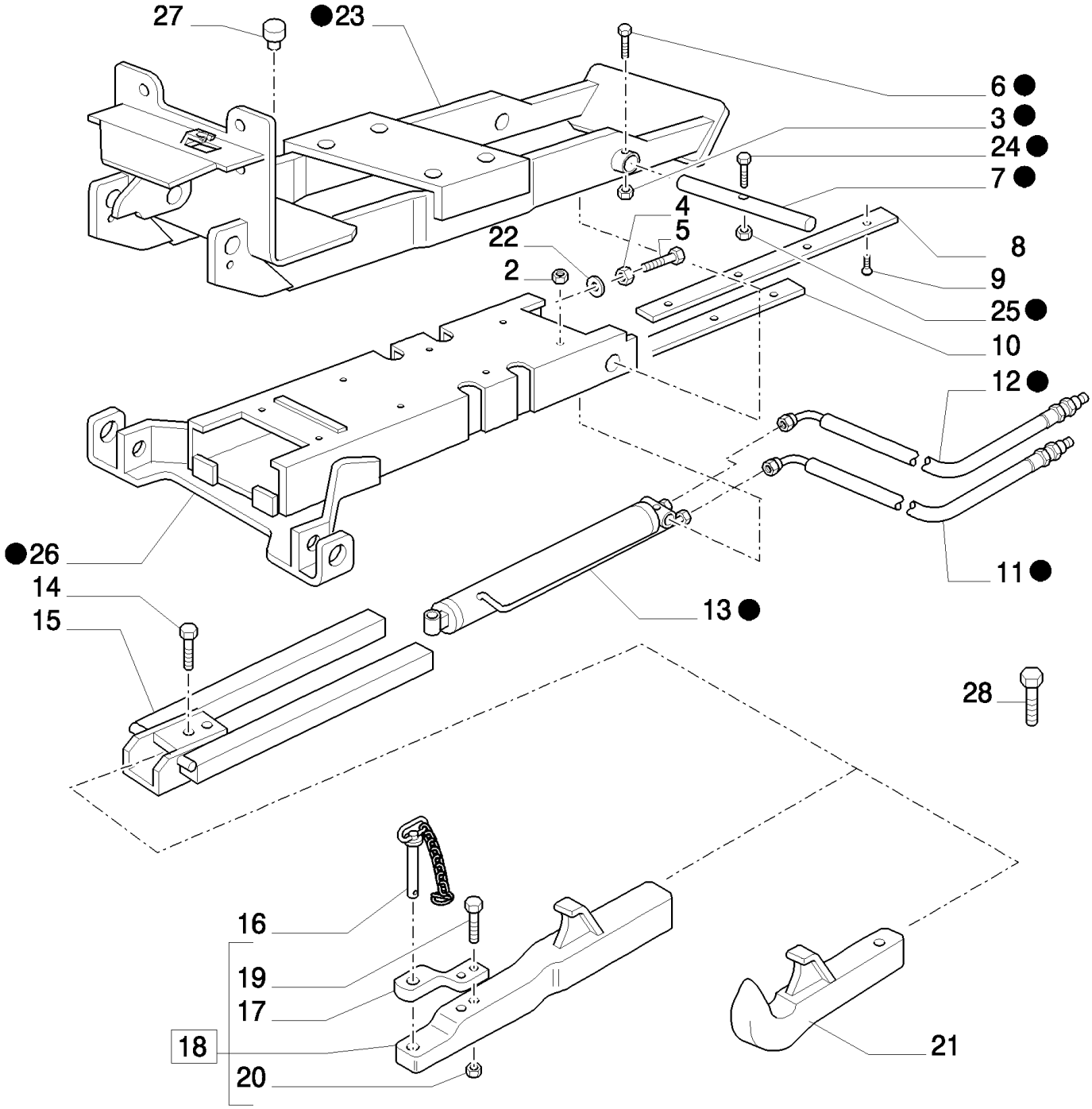
Ref	Part Number	Qty	Description
1	82014658	4	WASHER,
2	15984334	4	BOLT, Hex, M18 x 1.5 x 50, 10.9, Full Thd,
3	82036616	1	KEY,
4	81870094	2	SPACER,
5	16043424	4	SCREW, Hex, M8 x 20, 8.8, Full Thd,
6	87306653	4	SCREW,
7	82036617	1	LATCH, LH
8	82036615	1	LATCH,
9	82036618	1	LATCH, RH
10	82036621	1	SPRING, RH
10	82036620	1	SPRING, LH
11	82036619	1	SHAFT,
12	82039566	2	KEY,

VAR.080 is valid for TM120, TM130 only

1.89.3/04(02) (VAR.080-248) HYDRAULIC AUTOMATIC PICK UP HITCH FOR 1/2 AUXILIARY RAM



KIT ● = 1



VAR.080 is valid for TM120, TM130 only

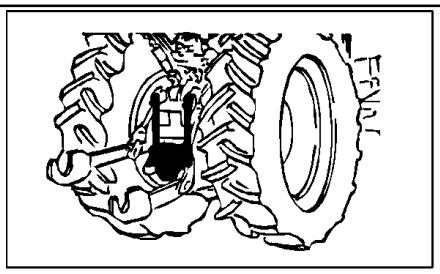
TM190 TRACTOR (6/02-) - Implement Lift

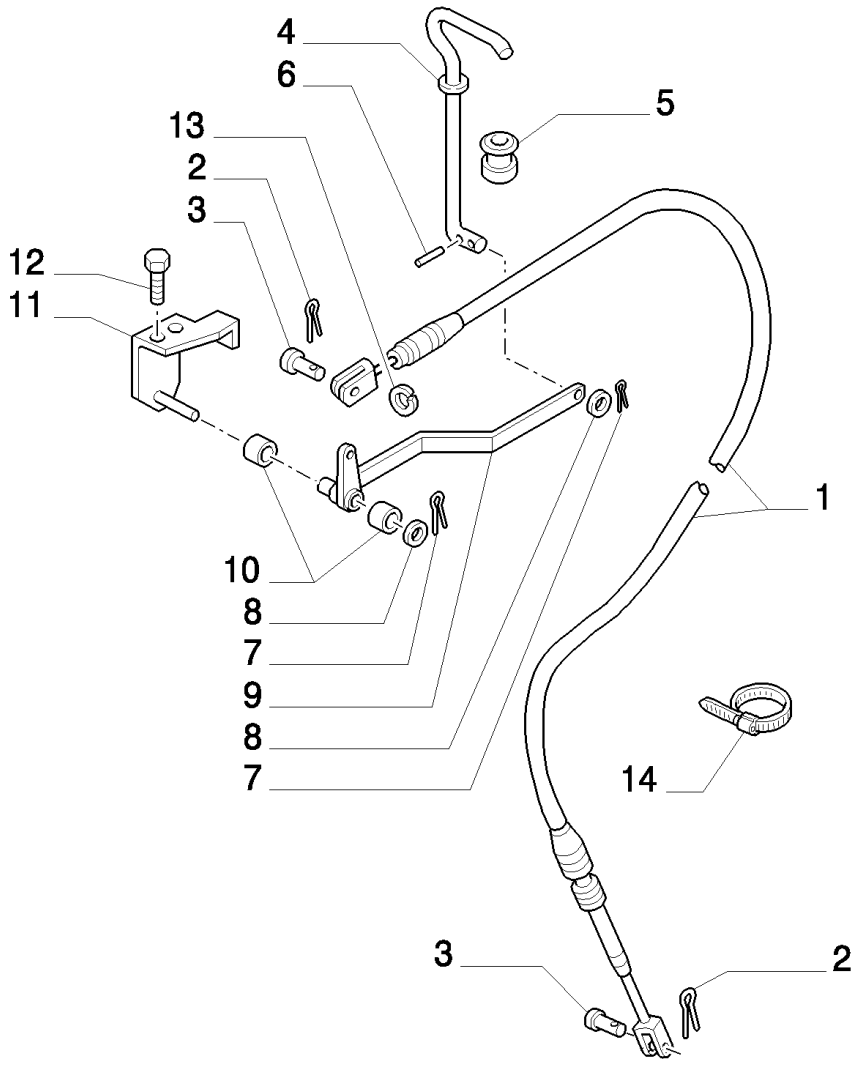
1.89.3/04(02) (VAR.080-248) HYDRAULIC AUTOMATIC PICK UP HITCH FOR 1/2 AUXILIARY RAM

Ref	Part Number	Qty	Description
1	87352522	1	FIXED HITCH, , TM175, TM190 W/VAR.248 only
1	82036538	1	HITCH, , TM120, TM130 W/VAR.080 only, TM140, TM155 W/VAR.248 only
2	82038798	16	NUT,
3	16104131	2	NUT,
4	12163321	2	NUT, M16, Cl 10,
5	82036610	2	
6	16040231	2	SCREW,
7	82036622	1	PIN, CLEVIS,
8	82036613	1	GUIDE, SLIDE, RH
8	82036612	1	GUIDE, SLIDE, LH
9	10356321	8	SCREW,
10	82036279	1	GUIDE, SLIDE, RH
10	82036278	1	GUIDE, SLIDE, LH
11	82036629	1	HOSE,
12	82036628	1	HOSE,
13	82036196	1	CYLINDER,
14	82036199	2	PIN,
15	82036537	1	DRAWBAR,
16	82025933	1	PIN,
17	82036534	1	BAR,
18	82036191	1	DRAWBAR,
19	15985434	2	SCREW,
20	10721034	2	NUT,
21	82036536	1	DRAW HOOK,
22	10053921	2	WASHER, THRUST,
23	82036535	1	FRAME, , TM175, TM190 W/VAR.248 only
23	82036647	1	FRAME, , TM120, TM130 W/VAR.080 only, TM140, TM155 W/VAR.248 only
24	11107431	1	BOLT, Hex, M10 x 60, 10.9,
25	12577221	1	NUT, LOCK, M10 x 1.5, Cl 10,
26	87352521	1	BRACKET, HITCH, , TM175, TM190 W/VAR.248 only
26	82036644	1	HANGER, , TM120, TM130 W/VAR.080 only, TM140, TM155 W/VAR.248 only
27	81869718	2	GROMMET, , TM175, TM190 W/VAR.248 only
28	87379299	2	SCREW, , TM175, TM190 W/VAR.248 only

VAR.080 is valid for TM120, TM130 only

1.89.3/05 (VAR.080-248) HYDRAULIC AUTOMATIC PICK UP HITCH FOR 1/2 AUXILIARY RAM



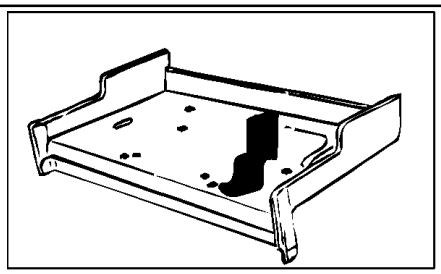


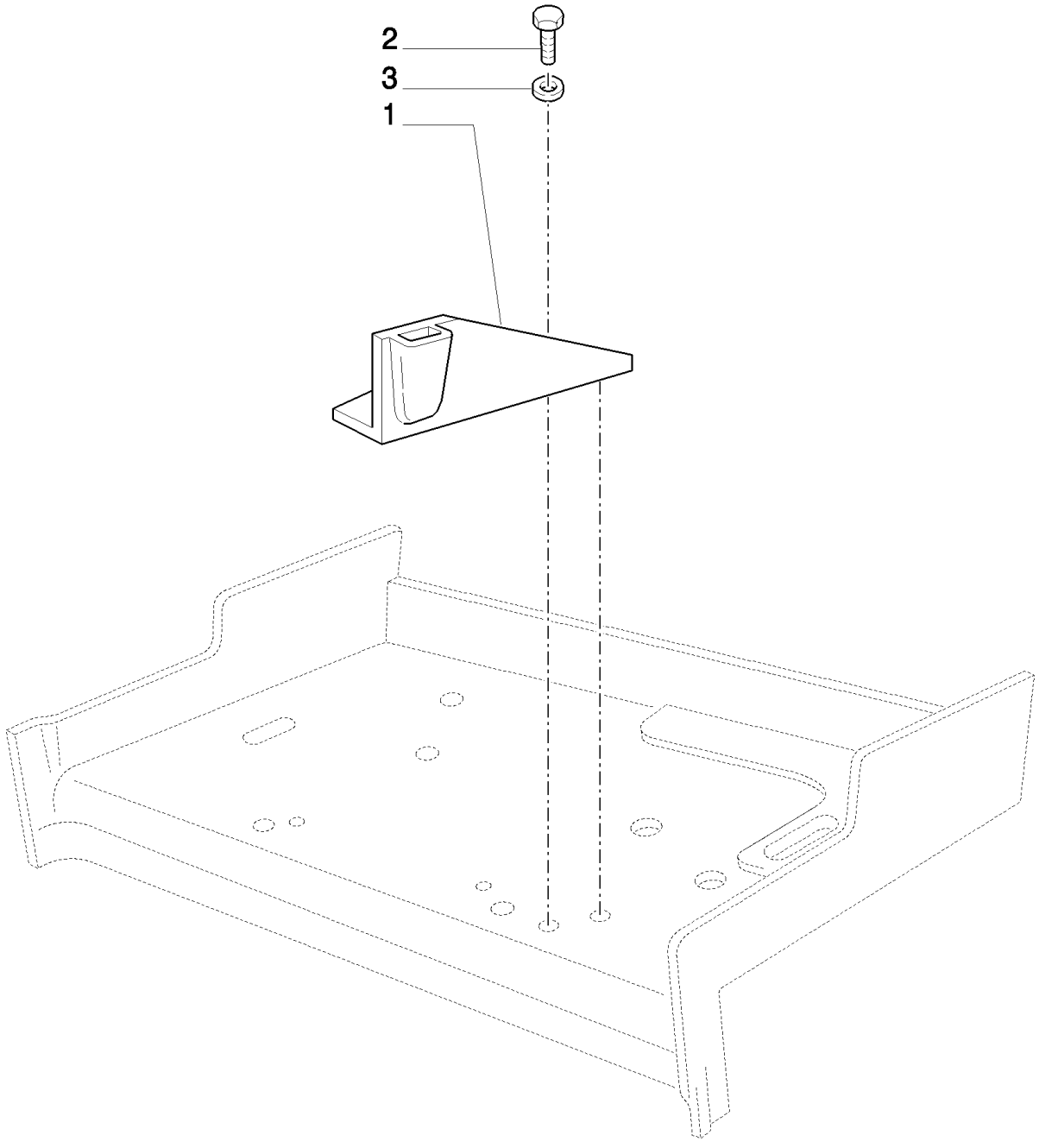
TM190 TRACTOR (6/02-) - Implement Lift

1.89.3/05 (VAR.080-248) HYDRAULIC AUTOMATIC PICK UP HITCH FOR 1/2 AUXILIARY RAM

Ref	Part Number	Qty	Description
1	82011893	1	CABLE,
2	82033370	2	PIN,
3	81868749	2	PIN, 15/16" x 19/32"
4	82003523	1	LEVER,
5	81865572	1	EYELET,
6	82000865	1	PIN,
7	83415765	2	PIN, SPLIT (COTTER),
8	83909861	2	WASHER, Hardened, G8, 1/2"
9	82003522	1	LEVER,
10	83904673	2	BUSHING,
11	82003521	1	BRACKET,
12	16043421	4	SCREW, Hex, M8 x 20, 8.8,
13	81822628	1	RING, SNAP,
14	82001041	1	STRAP, CABLE, .190" x 7", 3/32" x 11-1/2" L

1.89.4 (VAR.895) TRAILER BRAKE LEVER SUPPORT (FOR ITALY)

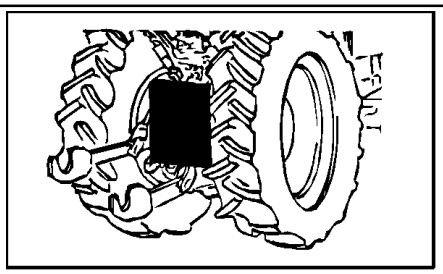


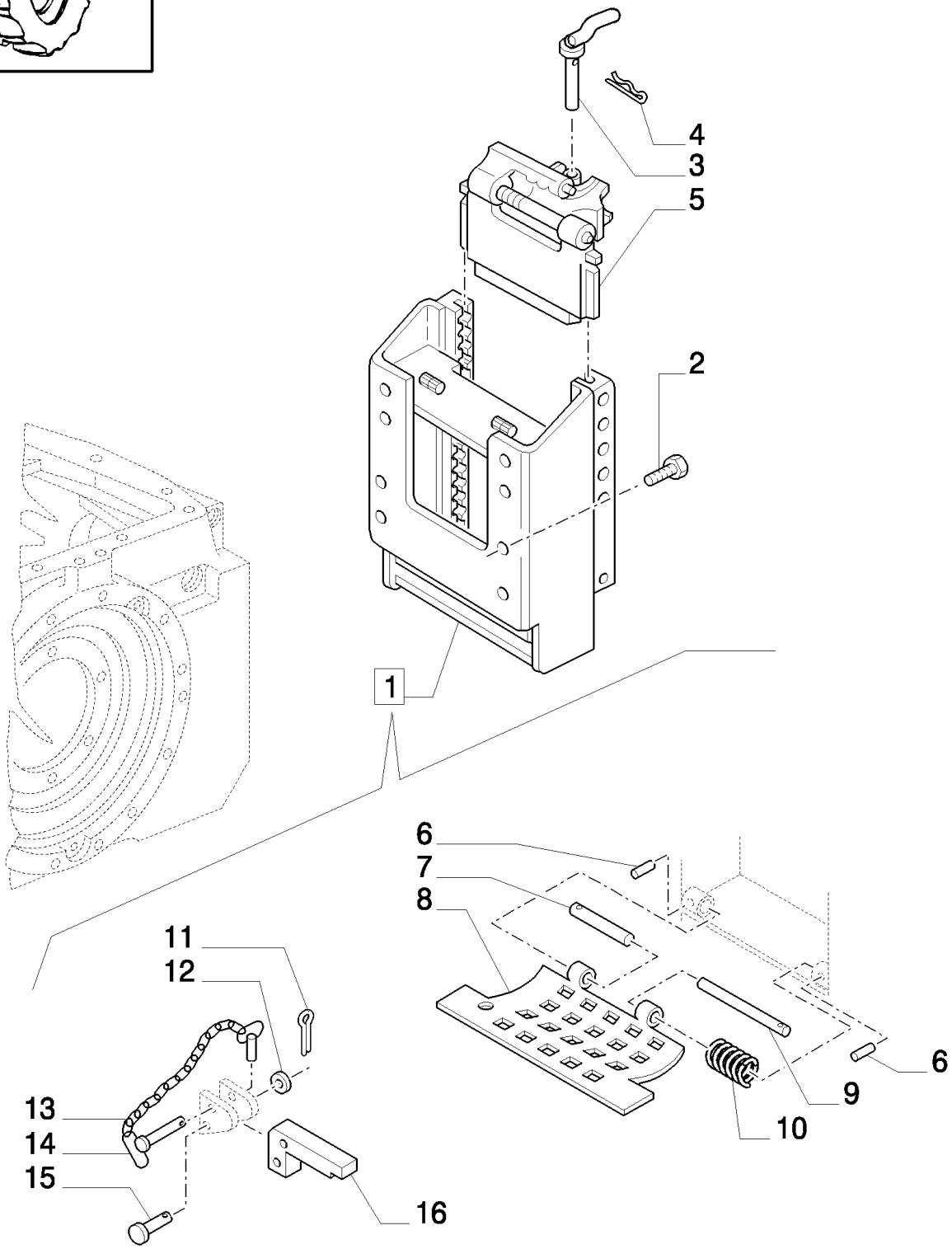


1.89.4 (VAR.895) TRAILER BRAKE LEVER SUPPORT (FOR ITALY)

Ref	Part Number	Qty	Description
1	82016085	1	BRACKET,
2	11106624	2	BOLT, Hex, M10 x 35, 8.8, Full Thd,
3	12641004	2	WASHER, M10 x 20 x 3,

1.89.5 (VAR.887) ROTARY HITCH SUPPORT ON PITON SKIDS



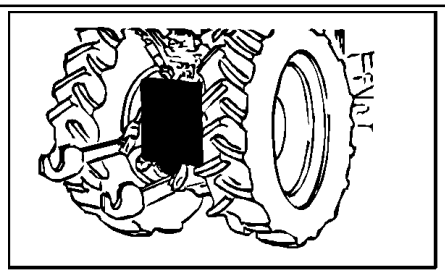


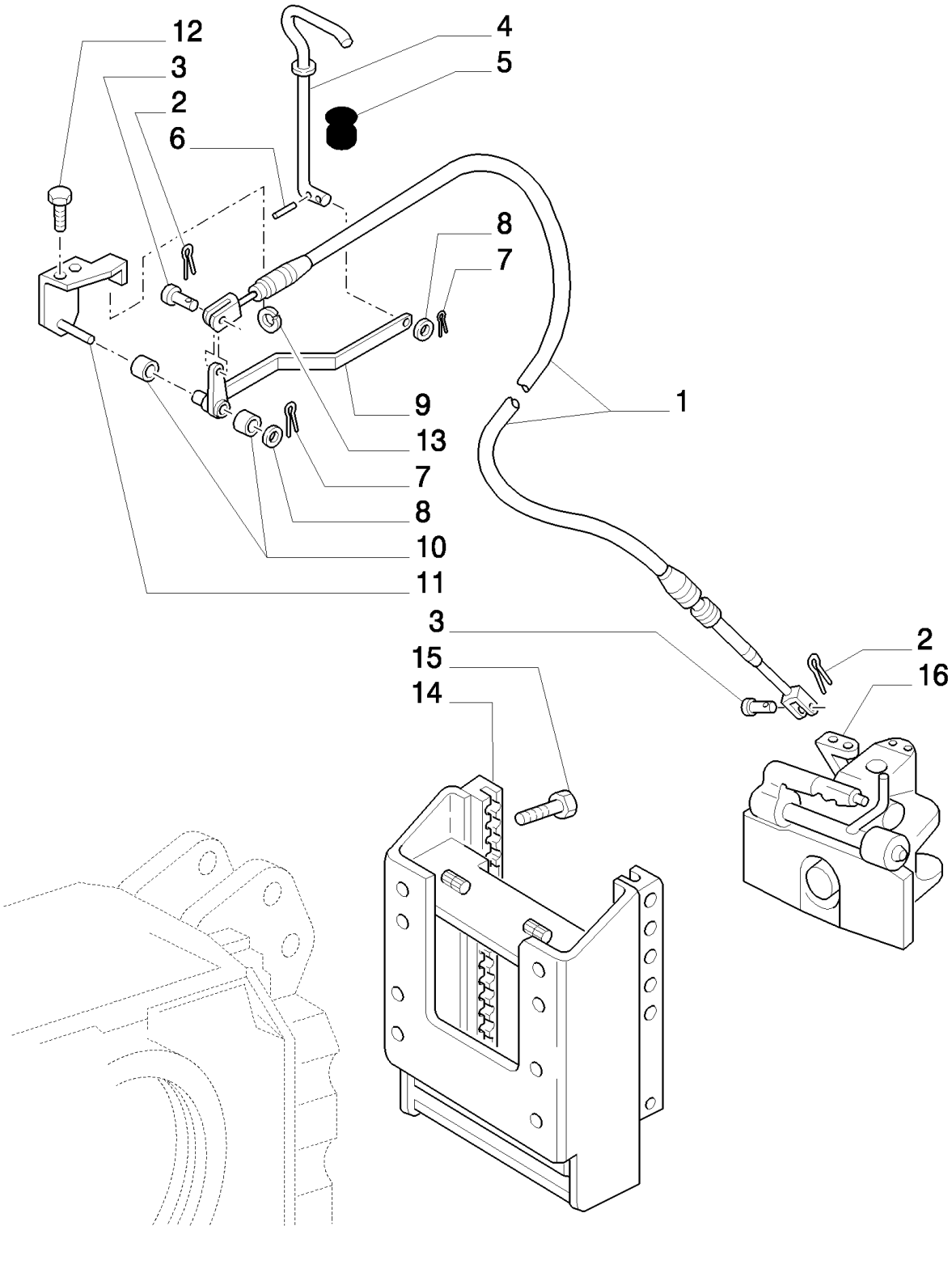
TM190 TRACTOR (6/02-) - Implement Lift

1.89.5 (VAR.887) ROTARY HITCH SUPPORT ON PITON SKIDS

Ref	Part Number	Qty	Description
1	82028802	1	SUPPORT,
2	16220874	8	BOLT, Hex, M18 x 45,
3	82018421	1	PIN,
4	82003071	1	PIN, SPLIT (COTTER),
5	82027298	1	COUPLING,
6	86002498	2	PIN, ROLL,
7	86002496	1	PIN, LH
8	86002494	1	GUARD,
9	86002495	1	PIN, RH
10	86002497	1	SPRING,
11	86516225	1	PIN, SPLIT (COTTER),
12	86516224	1	WASHER,
13	86516227	1	PIN,
14	86516226	1	PIN,
15	86516223	1	PIN,
16	9970451	1	LATCH,

1.89.5/01 (VAR.897) AUTOMATIC HITCH, SLIDING SUPPORT



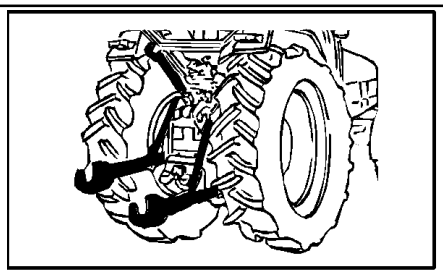


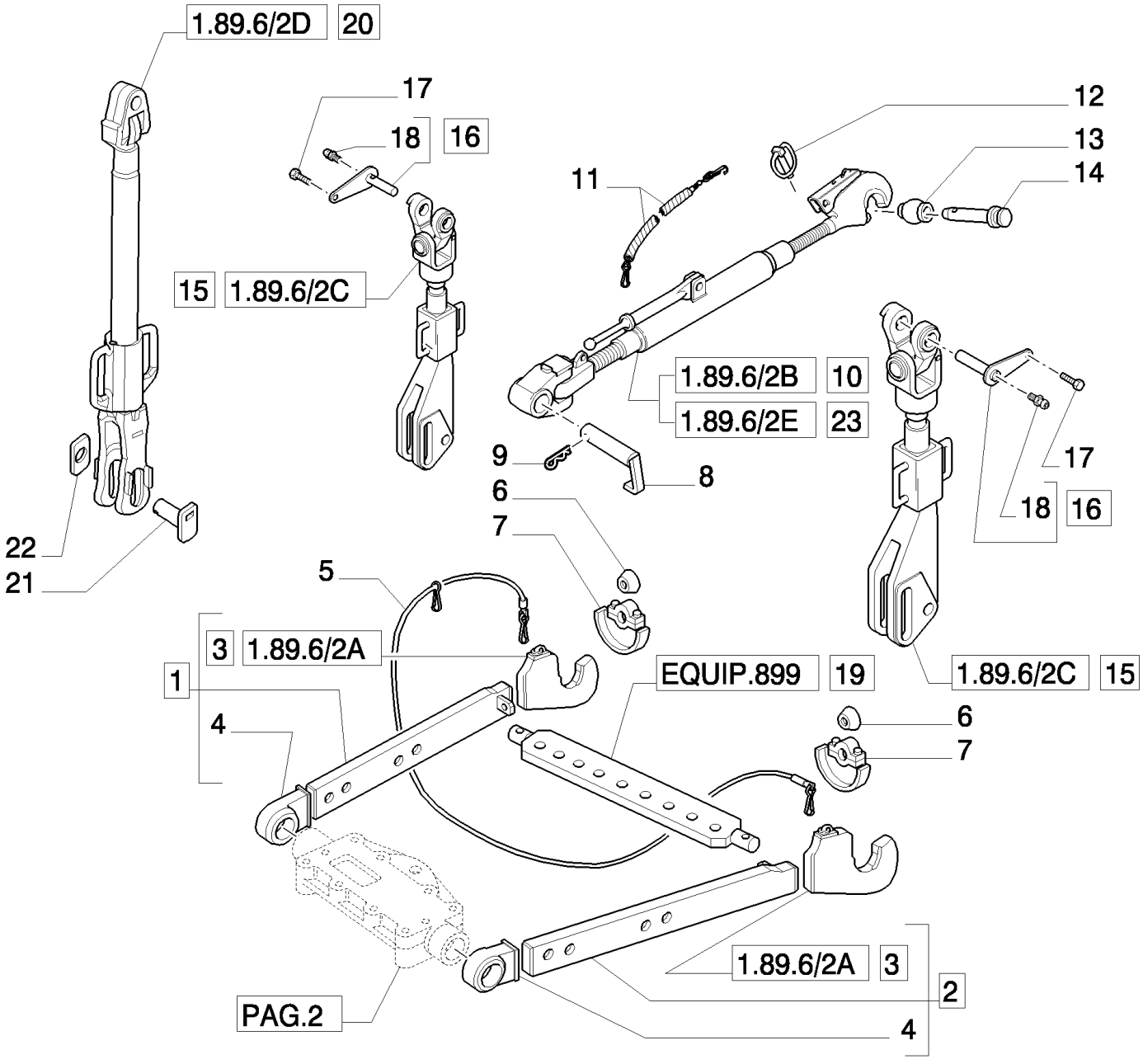
TM190 TRACTOR (6/02-) - Implement Lift

1.89.5/01 (VAR.897) AUTOMATIC HITCH, SLIDING SUPPORT

Ref	Part Number	Qty	Description
1	82011893	1	CABLE, TM120, TM130, TM140, TM155
1	82021307	1	CABLE, TM175, TM190
2	82033370	2	PIN,
3	81868749	2	PIN, 15/16" x 19/32"
4	82011892	1	LEVER,
5	81865572	1	EYELET,
6	82000865	1	PIN,
7	80756	2	PIN, SPLIT (COTTER), 1/8" x 3/4",
8	83909861	2	WASHER, Hardened, G8, 1/2"
9	82003522	1	LEVER,
10	D5NN2N255A	2	BUSHING,
11	82003521	1	BRACKET,
12	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
13	9635806	1	CIRCLIP, #50, .392" Dia, E-Type,
14	82038061	1	FRAME, ASSY
15	16220874	8	BOLT, Hex, M18 x 45,
16	82028805	1	COUPLING, ASSY, TM120, TM130, TM140, TM155
16	82029387	1	COUPLING, TM175, TM190

1.89.6/02(01) IMPLEMENT CARRIER





D4820 Serial N.230153□5188140=47133934+5197820+5197822+47125579□D5104 After Date 26/01/05□D5290 Serial N.228935□D5291 Serial N.ACM252703

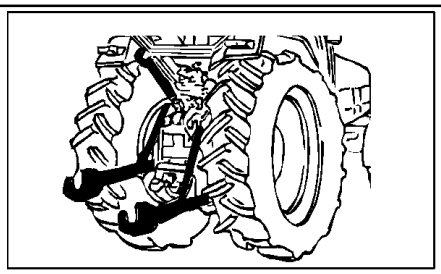
TM190 TRACTOR (6/02-) - Implement Lift

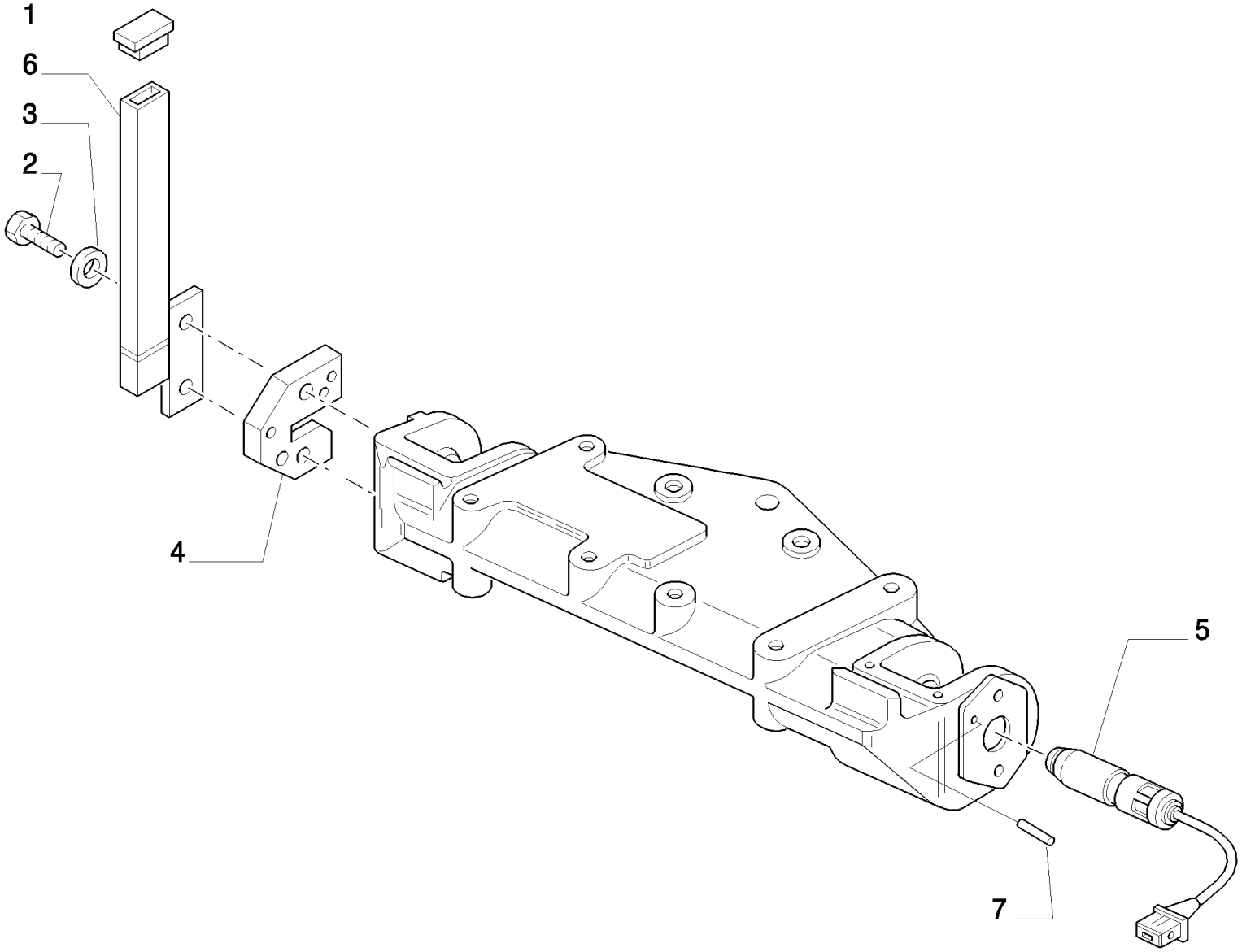
1.89.6/02(01) IMPLEMENT CARRIER

Ref	Part Number	Qty	Description
1	5188138	1	ARM, LIFT, RH
2	5188139	1	ARM, LIFT, LH
3	5189332	2	HOOK,
4	5197833	2	END ASSY, LIFT LINK,
5	5116063	1	ROPE,
6	44017710	2	BUSHING, CAT.3
6	44017819	2	BUSHING, CAT.2
7	5130779	2	ECCENTRIC, CAT.2
7	5130780	2	ECCENTRIC, CAT.3
8	5188179	1	PIN, , BSN 228935
8	87355020	1	PIN, , ASN ACM252703
9	578668	1	PIN, SPLIT (COTTER),
10	5188142	1	LINK, TOP, , BSN 228935
11	5174402	1	LINK, CHAIN,
12	5166585	1	PIN, LOCK,
13	5116059	1	BUSHING, CAT.2
13	5116060	1	BUSHING, CAT.3
14	822483	1	PIN, CAT.2
14	44015196	1	PIN, CAT.3
15	5188140	2	LINK, TOP, , BSN 230152
16	47123009	2	PIN, , -C5104
16	87317296	2	PIN, , D5104-
17	15970624	2	BOLT, Hex, M10 x 1.25 x 22, 8.8, Full Thd,
18	87414	2	NIPPLE, LUBE, 1/4"-28 x .56" lg, Drive, , -C5104
18	13406911	2	NIPPLE, LUBE, 1/4"-28, , D5104-
19	595441	1	CROSSRAIL,
20	47133994	2	LINK, TOP, , ASN 230153
21	5197820	1	PIN, , ASN 230153
22	5197822	2	PLATE, COVER, , ASN 230153
23	82032559	1	LINK, TOP, , BTW 228935 & 228935
23	87358970	1	LINK, TOP, , ASN ACM252703

D4820 Serial N.230153□□5188140=47133934+5197820+5197822+47125579□□D5104 After Date 26/01/05□□D5290 Serial N.228935□□D5291 Serial N.ACM252703

1.89.6/02(02) IMPLEMENT CARRIER



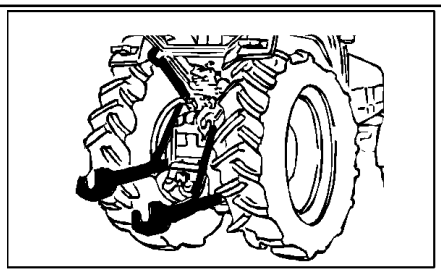


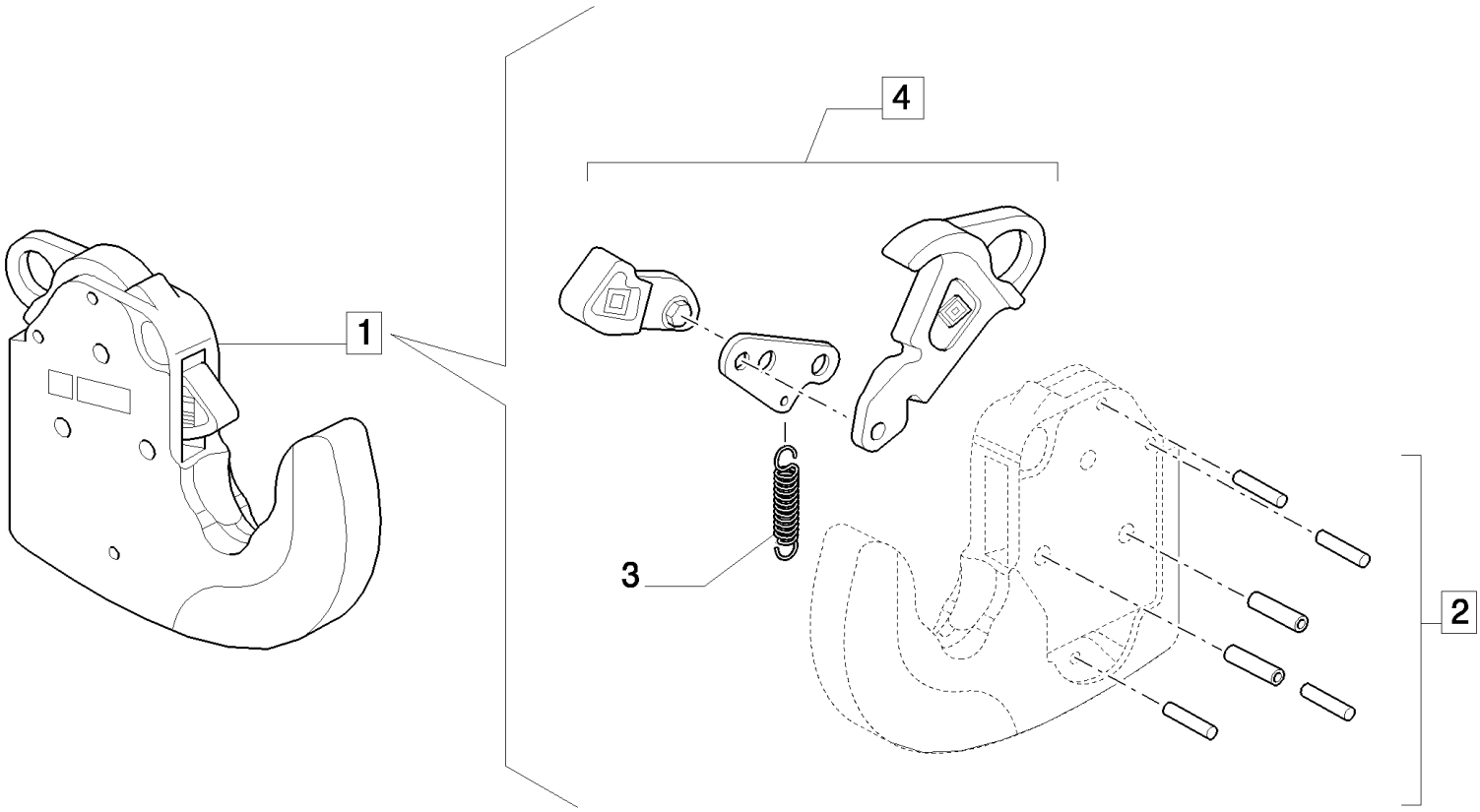
TM190 TRACTOR (6/02-) - Implement Lift

1.89.6/02(02) IMPLEMENT CARRIER

Ref	Part Number	Qty	Description
1	5170226	1	PLUG,
2	14307731	1	SCREW, Hex Soc Hd, M10 x 1.25 x 40, 10.9,
3	47130824	1	WASHER,
4	5191331	2	PLATE,
5	47137576	2	SENSOR,
6	5170164	1	SHIELD, RH
6	5170190	1	SHIELD, LH
7	14606470	2	PIN, LOCK, M8 x 20, Slotted,

1.89.6/02A END ASSEMBLY BREAKDOWN



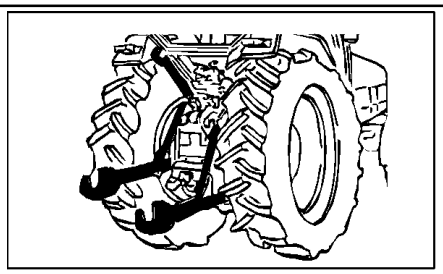


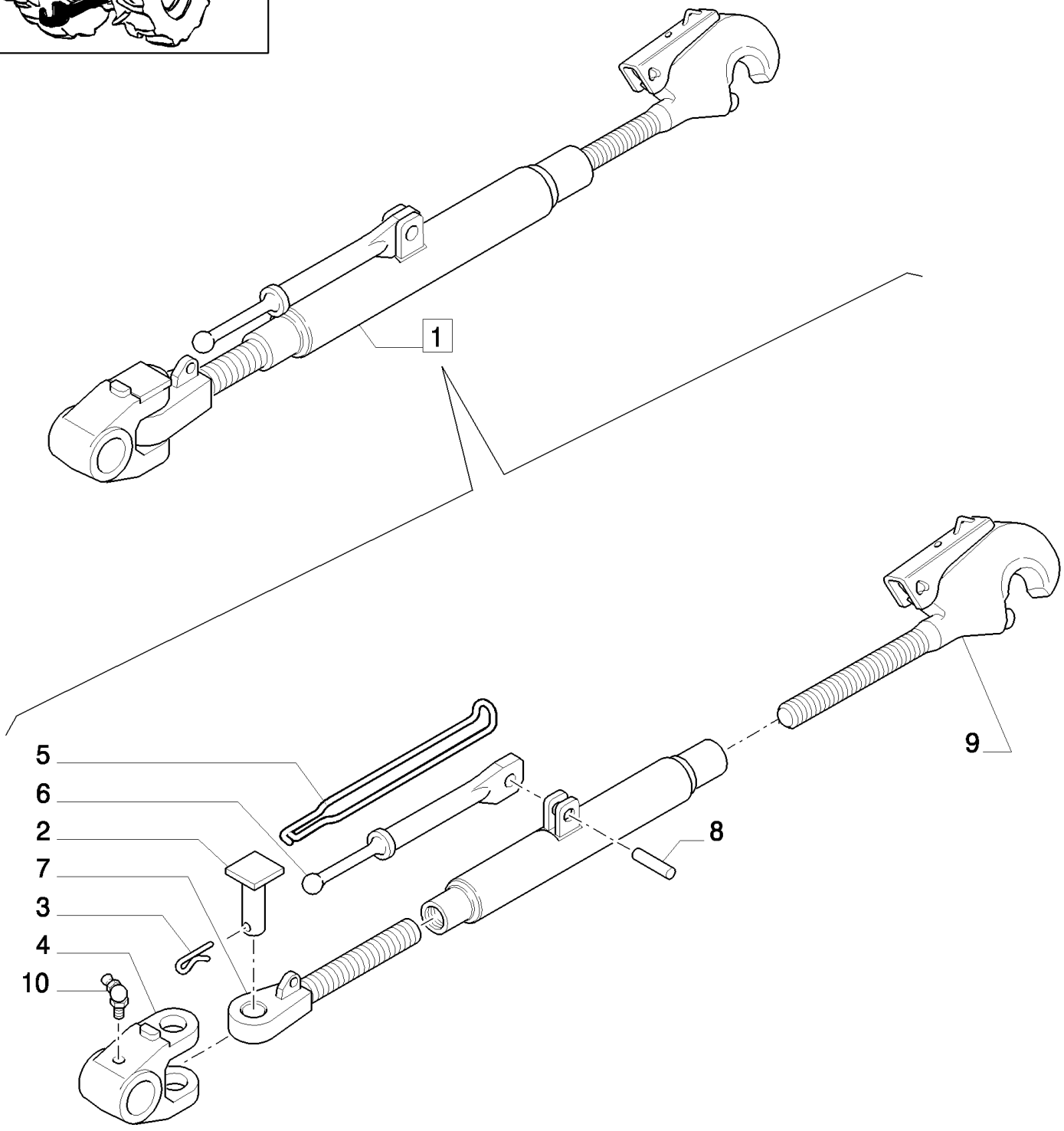
TM190 TRACTOR (6/02-) - Implement Lift

1.89.6/02A END ASSEMBLY BREAKDOWN

Ref	Part Number	Qty	Description
1	5189332	1	HOOK,
2	5189338	1	KIT,
3	5189340	1	SPRING,
4	5189343	1	KIT,

1.89.6/02B TOP LINK ASSEMBLY BREAKDOWN



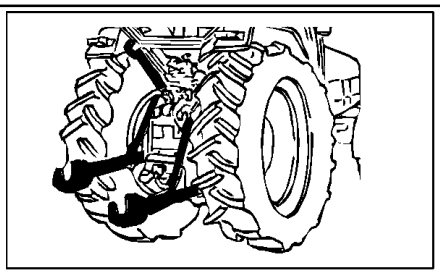


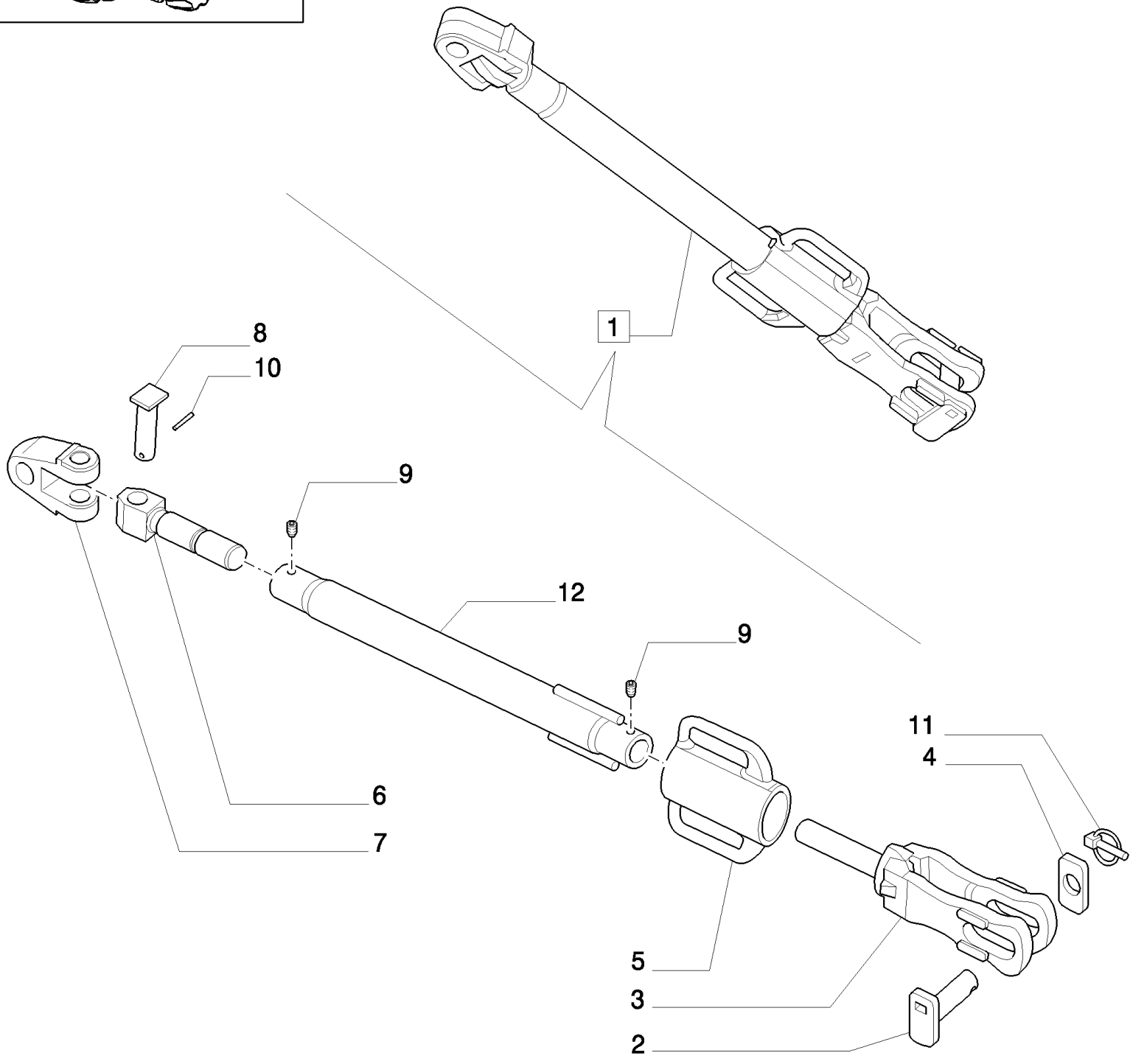
TM190 TRACTOR (6/02-) - Implement Lift

1.89.6/02B TOP LINK ASSEMBLY BREAKDOWN

Ref	Part Number	Qty	Description
1	5188142	1	LINK, TOP,
2	5161789	1	PIN,
3	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
4	5161787	1	YOKE,
5	5140619	1	SPRING,
6	5172394	1	LEVER,
7	5197814	1	END ASSY, LIFT LINK,
8	14174371	1	PIN, LOCK, M12 x 30, Slotted,
9	5197819	1	HOOK,
10	13407811	1	NIPPLE, LUBE,

1.89.6/02C LIFT LINK ASSEMBLY BREAKDOWN - C4820

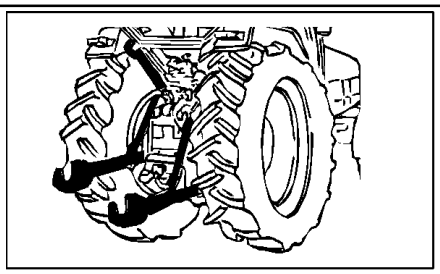


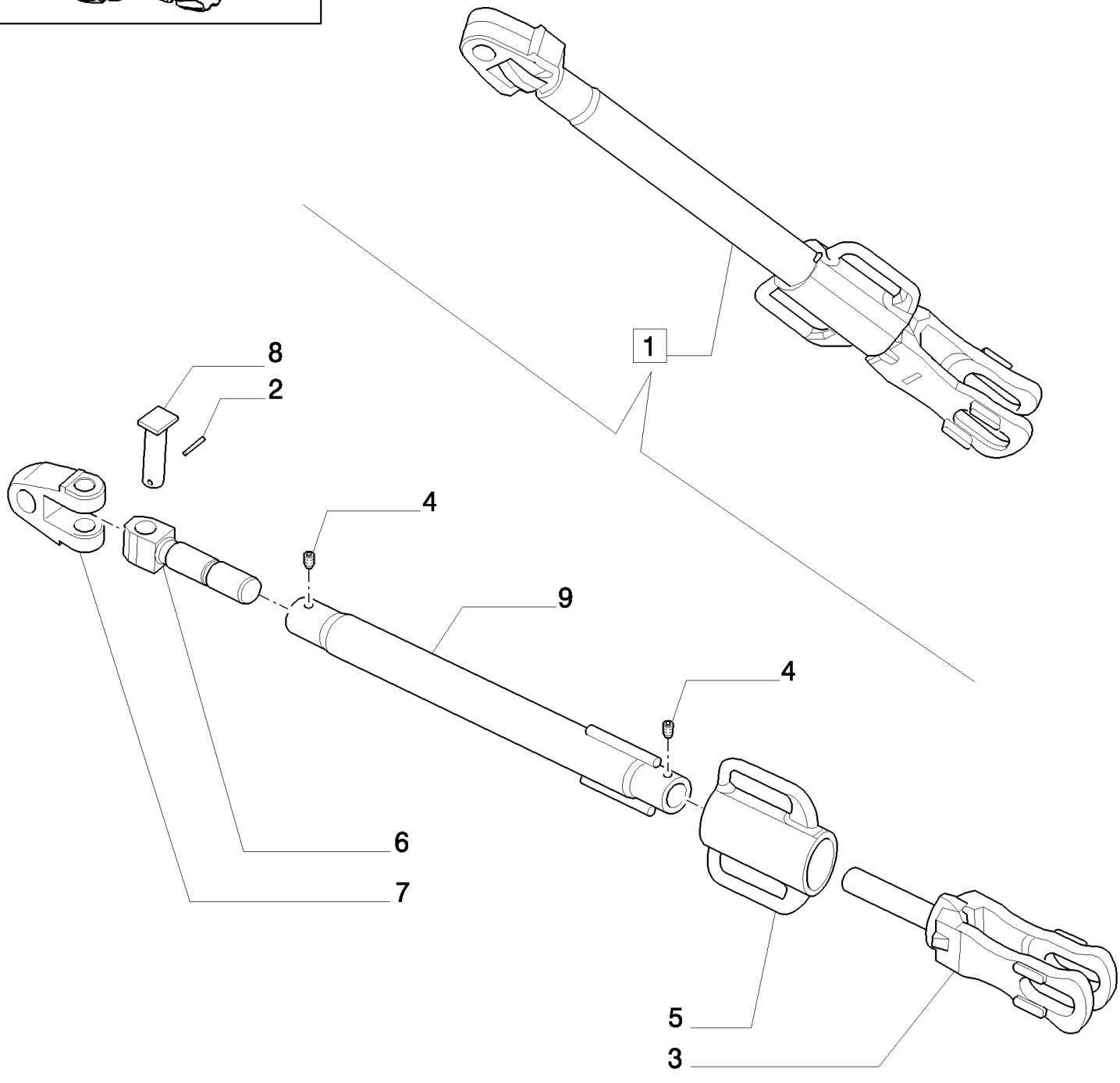


1.89.6/02C LIFT LINK ASSEMBLY BREAKDOWN - C4820

Ref	Part Number	Qty	Description
1	5188140	1	LINK, TOP,
2	5197820	1	PIN,
3	5197821	1	YOKE,
4	5197822	1	PLATE, COVER,
5	5197823	1	HANDLE,
6	5197825	1	TIE-ROD,
7	5197826	1	SPIDER,
8	5197827	1	PIN,
9	5197863	2	NIPPLE, LUBE, M6X1
10	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
11	47125579	1	PIN, ROLL,
12	5197824	1	TUBE,

1.89.6/02D LIFT LINK ASSEMBLY BREAKDOWN - D4820





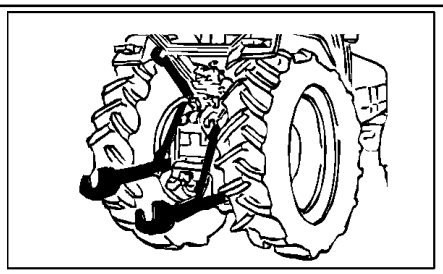
TM190 TRACTOR (6/02-) - Implement Lift

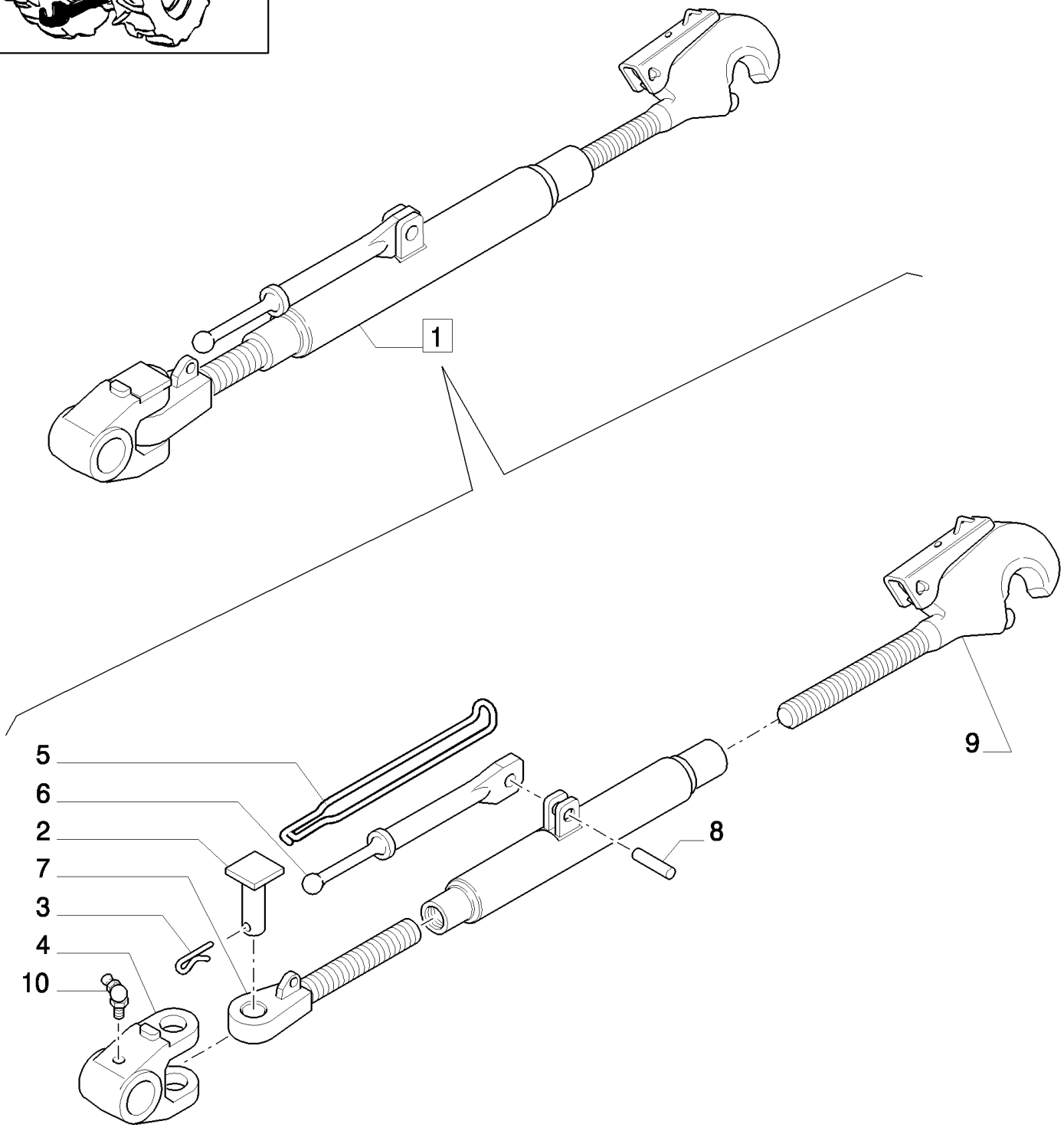
1.89.6/02D LIFT LINK ASSEMBLY BREAKDOWN - D4820

Ref	Part Number	Qty	Description
1	47133994	1	LINK, TOP,
2	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
3	5197821	1	YOKE,
4	5197863	2	NIPPLE, LUBE, M6X1
5	5197823	1	HANDLE,
6	5197825	1	TIE-ROD,
7	5197826	1	SPIDER,
8	5197827	1	PIN,
9	5197824	1	TUBE,

D4820 Serial N.230153

1.89.6/02E TOP LINK ASSEMBLY BREAKDOWN





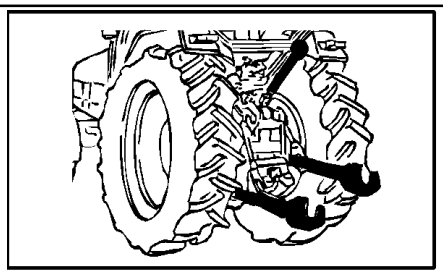
TM190 TRACTOR (6/02-) - Implement Lift

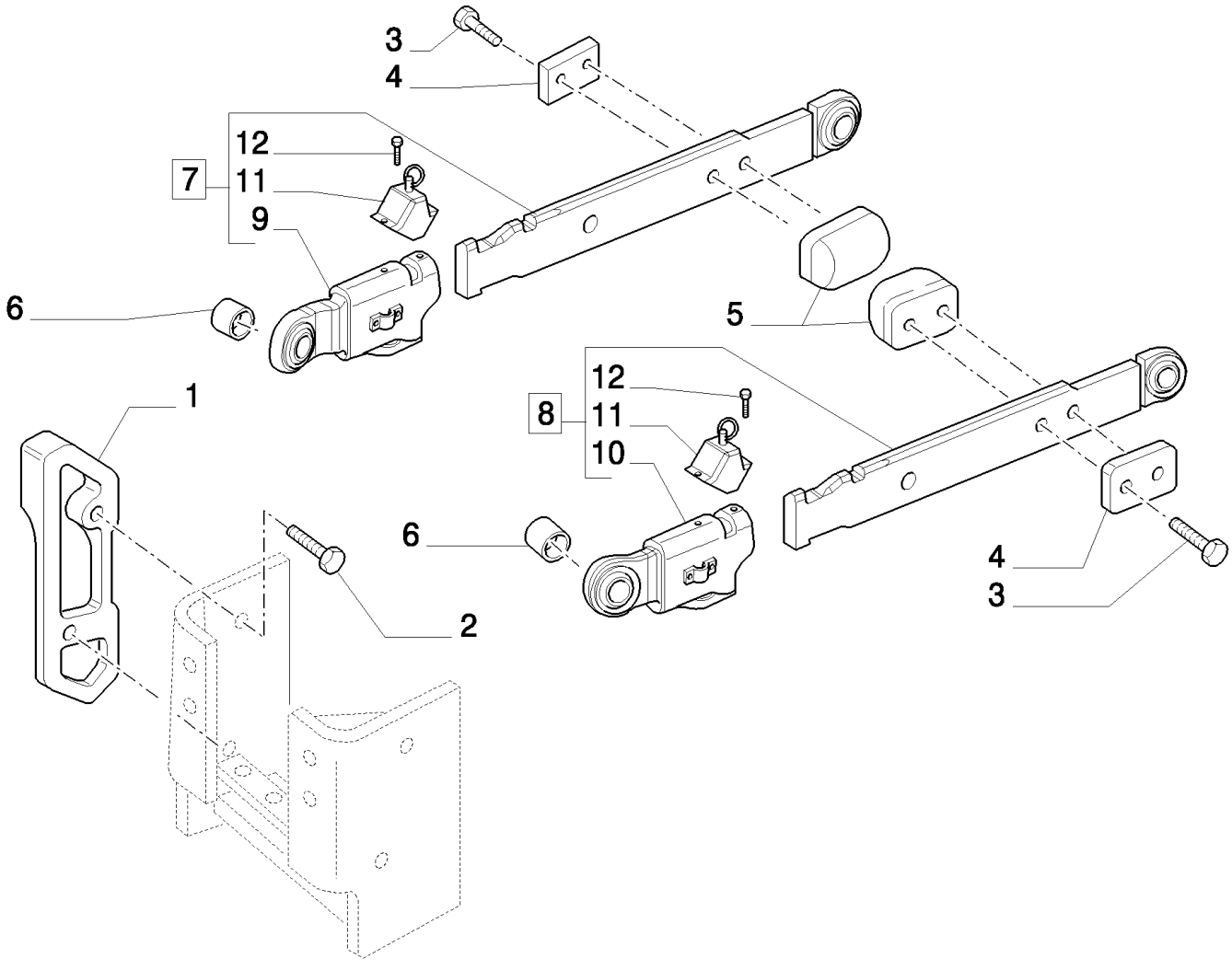
1.89.6/02E TOP LINK ASSEMBLY BREAKDOWN

Ref	Part Number	Qty	Description
1	82032559	1	LINK, TOP, , -C5291
1	87358970	1	LINK, TOP, , D5291-
2	5161789	1	PIN,
3	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
4	5161787	1	YOKE, , -C5291
4	87358968	1	YOKE, , D5291-
5	5140619	1	SPRING,
6	5172394	1	LEVER,
7	5197814	1	END ASSY, LIFT LINK,
8	14613471	1	PIN, ROLL,
9	82033135	1	HOOK,
10	13407811	1	NIPPLE, LUBE,

D5291 After Date 19 September 2005

1.89.6/04(01) (VAR.881/1) IMPLEMENT CARRIER (TELESCOPIC ARMS) 2/3 CAT. AND ANTI-SHACKE PLATES - C5302

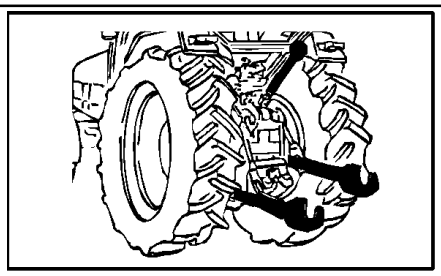


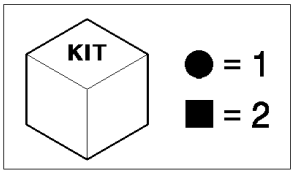


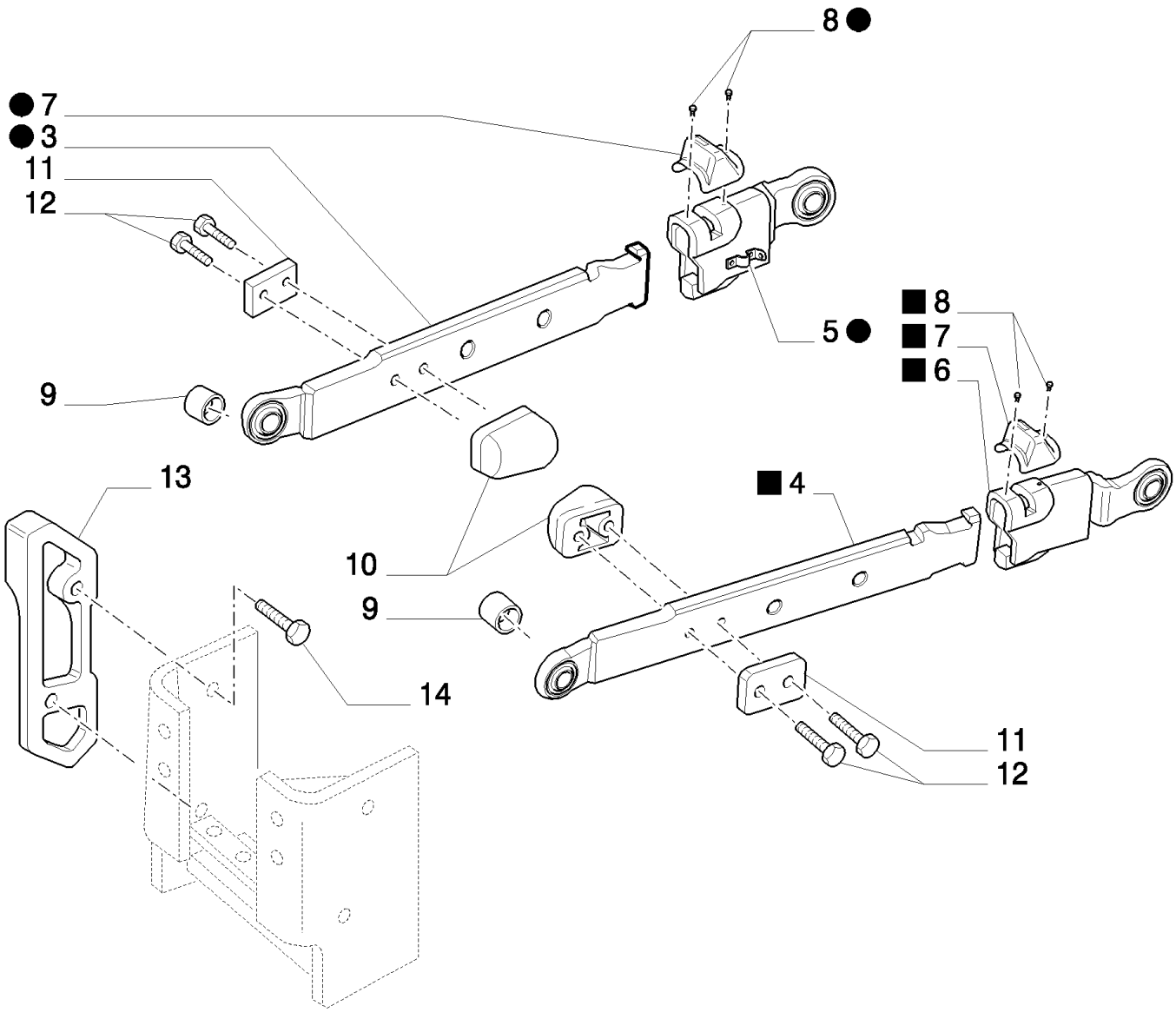
1.89.6/04(01) (VAR.881/1) IMPLEMENT CARRIER (TELESCOPIC ARMS) 2/3 CAT. AND ANTI-SHACKE PLATES - C5302

Ref	Part Number	Qty	Description
1	47125870	1	LIMITER, TRAVEL, RH
1	47125871	1	LIMITER, TRAVEL, LH
2	11376224	4	BOLT, Hex, M16 x 1.5 x 35, 8.8, Full Thd,
3	15541224	4	BOLT, Hex, M12 x 1.25 x 70, 8.8,
4	82027566	2	PLATE, THICK=4MM
4	82030464	2	PLATE, THICK=21MM
5	5158917	2	PLATE,
6	47123096	2	BUSHING,
7	5188972	1	ARM, LIFT, LH
8	5188973	1	ARM, LIFT, RH
9	5197829	1	END ASSY, TRACK ROD, LH
10	5197831	1	END ASSY, TRACK ROD, RH
11	5197861	1	BLOCK,
12	10979421	4	BOLT, Hex, M6 x 10, 8.8, Full Thd,

1.89.6/04(01A) (VAR.881/1) IMPLEMENT CARRIER (TELESCOPIC ARMS) 2/3 CAT. AND ANTI-SHACKE PLATES - D5302



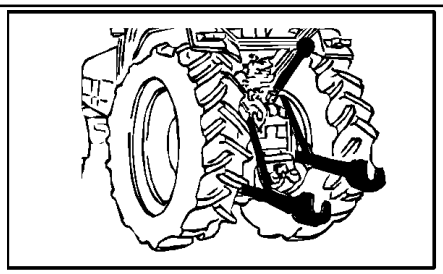


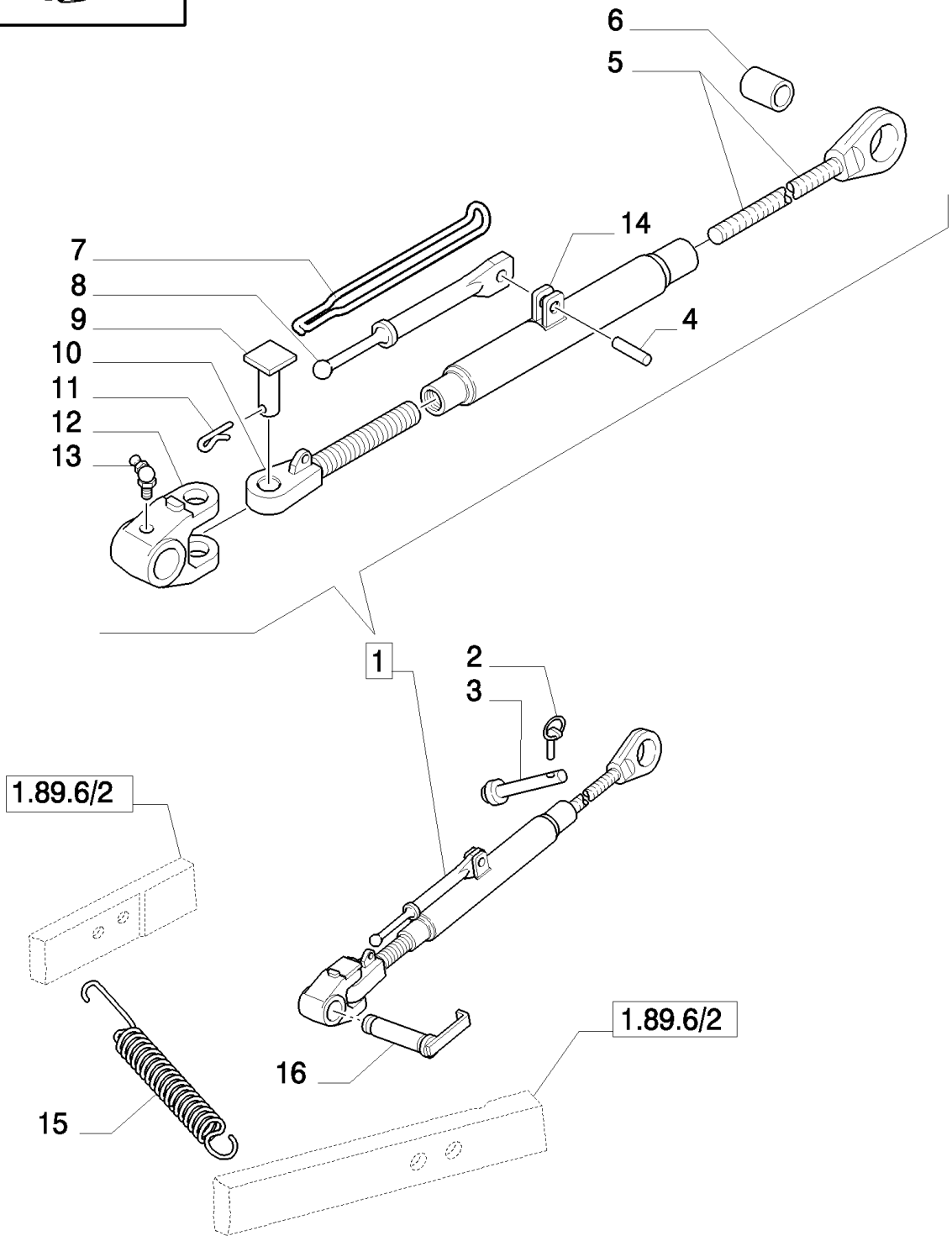


1.89.6/04(01A) (VAR.881/1) IMPLEMENT CARRIER (TELESCOPIC ARMS) 2/3 CAT. AND ANTI-SHACKE PLATES - D5302

Ref	Part Number	Qty	Description
1	47137112	1	ARM, LIFT, RH, ASSY
2	47137109	1	ARM, LIFT, LH, ASSY
3	47137135	1	ARM, LIFT, RH
4	47137110	1	LINK, LOWER, LH
5	47137113	1	END ASSY, TRACK ROD, RH
6	47137111	1	END ASSY, TRACK ROD, LH
7	47137134	2	LATCH,
8	10979421	4	BOLT, Hex, M6 x 10, 8.8, Full Thd,
9	47123096	2	BUSHING,
10	87332357	2	PLATE,
11	87332350	2	PLATE, 4MM THICK
11	87333171	2	PLATE, 21MM THICK
12	15981531	4	BOLT, Hex, M16 x 1.5 x 90, 10.9,
13	47125870	1	LIMITER, TRAVEL, RH
13	47125871	1	LIMITER, TRAVEL, LH
14	11376224	4	BOLT, Hex, M16 x 1.5 x 35, 8.8, Full Thd,

1.89.6/04(02) (VAR.881/1) IMPLEMENT CARRIER (TELESCOPIC ARMS) 2/3 CAT. AND ANTI-SHACKE PLATES



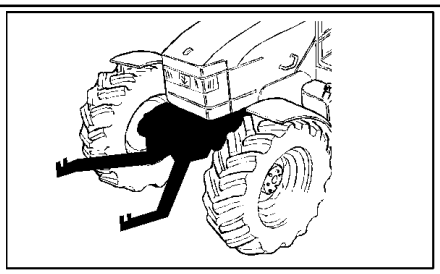


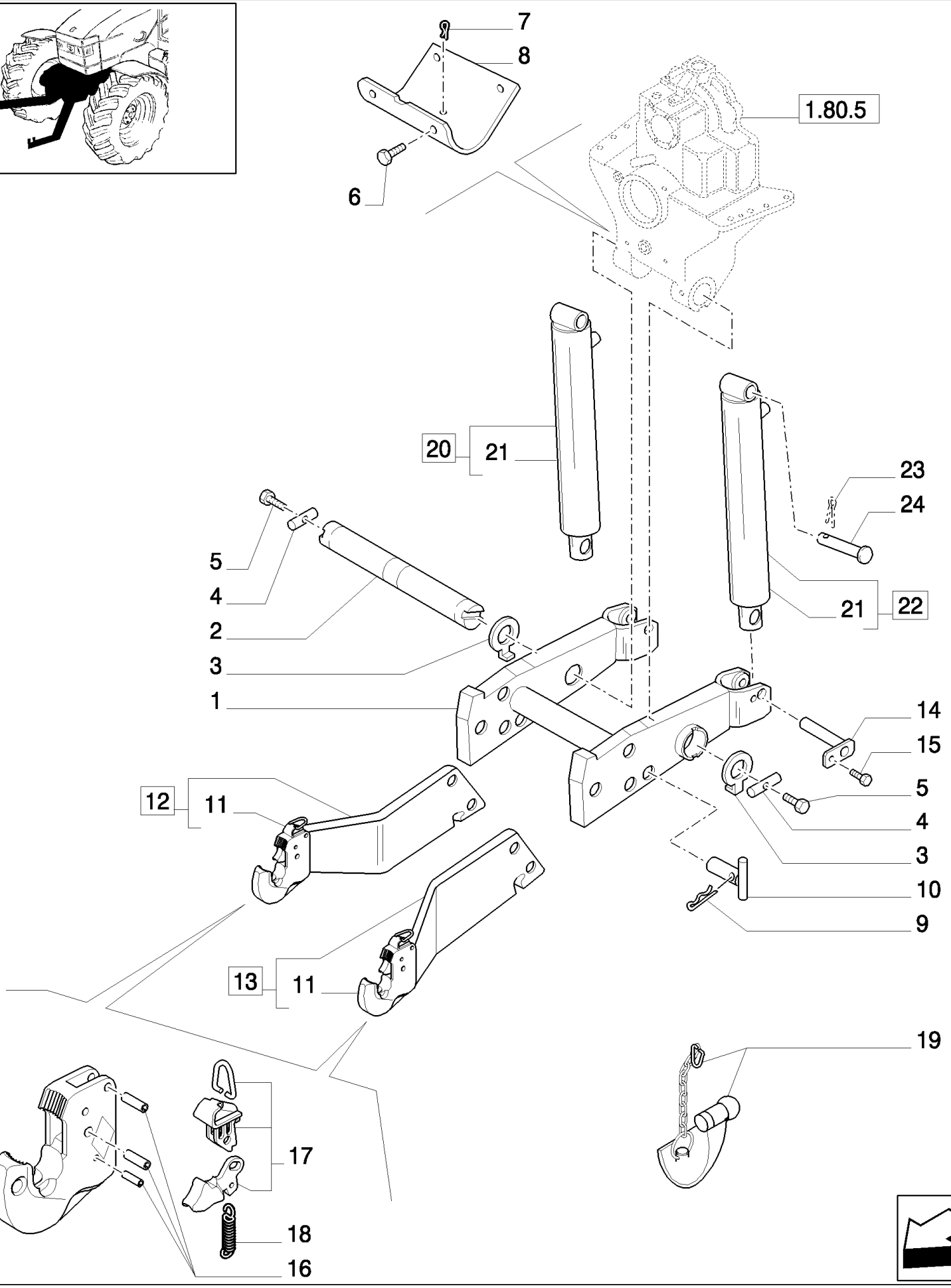
TM190 TRACTOR (6/02-) - Implement Lift

1.89.6/04(02) (VAR.881/1) IMPLEMENT CARRIER (TELESCOPIC ARMS) 2/3 CAT. AND ANTI-SHACKE PLATES

Ref	Part Number	Qty	Description
1	5188974	1	LINK, TOP, ASSY, CAT.3, -C5290
1	87358971	1	LINK, TOP, , D5290-
2	5132146	2	PIN, SPLIT (COTTER),
3	44015196	1	PIN,
4	14174371	1	PIN, LOCK, M12 x 30, Slotted, , -C5290
4	14613471	1	PIN, ROLL, , D5290-
5	5197812	1	TIE-ROD,
6	47123097	1	BUSHING, , -C5290
7	5140619	1	SPRING,
8	5172394	1	LEVER,
9	5161789	1	PIN, , -C5290
9	5197827	1	PIN, , D5290-
10	5197814	1	END ASSY, LIFT LINK,
11	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
12	5161787	1	YOKE, , -C5290
12	87358968	1	YOKE, , D5290-
13	13407811	1	NIPPLE, LUBE,
14	5197813	1	TURNBUCKLE,
15	4959776	1	SPRING,
16	5188179	1	PIN, , -C5290
16	87355020	1	PIN, , D5290-

1.89.6/07(01) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 - 21 SPLINES) CCLS - LIFT BOOMS AND CYLINDERS

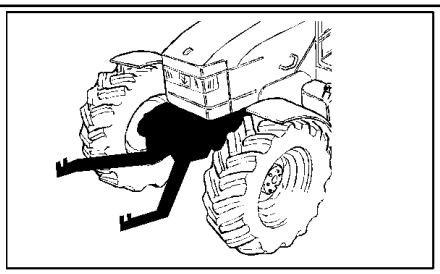


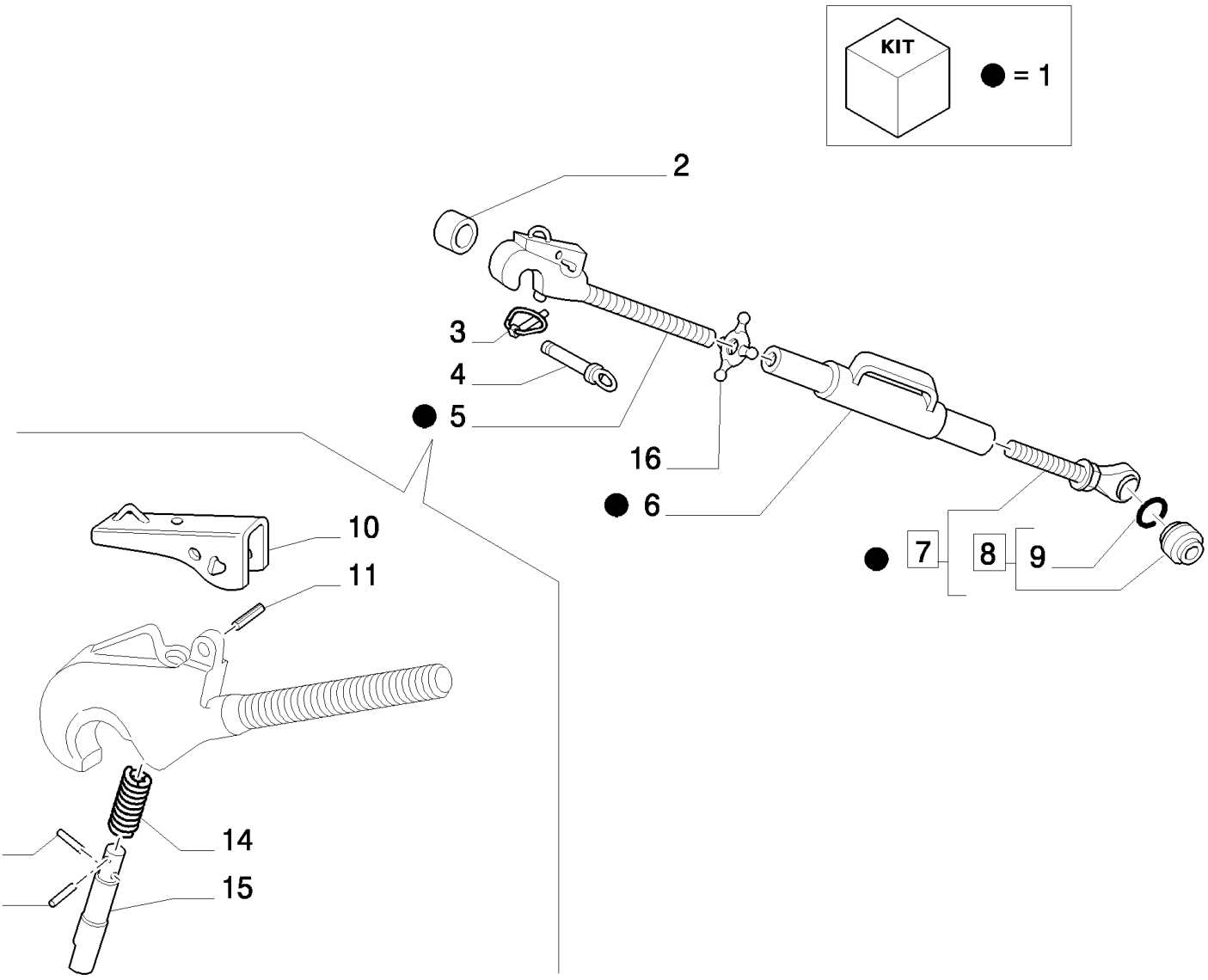


1.89.6/07(01) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 - 21 SPLINES) CCLS - LIFT BOOMS AND CYLINDERS

Ref	Part Number	Qty	Description
1	82015475	1	SUPPORT, , -C5155
1	87359524	1	FRAME, , D5155-
2	82015453	1	SHAFT,
3	5167903	2	PLATE, ANTI-WRAP,
4	5167902	2	BLOCK,
5	11408324	2	BOLT, Hex, M14 x 1.5 x 35, 8.8, Full Thd,
6	15970724	4	BOLT, Hex, M10 x 1.25 x 25, 8.8, Full Thd,
7	81812862	1	PIN, SPLIT (COTTER), 3/16" x 1-1/4"
8	5179043	1	SHIELD,
9	82015901	4	PIN,
10	82015476	4	PIN,
11	5189331	2	HOOK,
12	82021029	1	ARM, LIFT, LH
13	82021030	1	ARM, LIFT, RH
14	5165102	2	PIN,
15	15970524	2	BOLT, Hex, M10 x 1.25 x 20, 8.8, Full Thd,
16	5189337	1	KIT, Spring Pin
17	5189339	1	KIT, Lever
18	5189340	1	SPRING,
19	5127760	2	BALL, CAT.2
20	82015487	1	CYLINDER, RH
21	82015470	2	KIT, SEALS
22	82015486	1	CYLINDER, LH
23	5112606	2	PIN, SPLIT (COTTER),
24	5178459	2	PIN,

1.89.6/07(02) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 - 21 SPLINES) CCLS - SPRAG



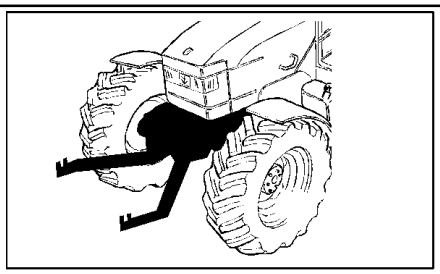


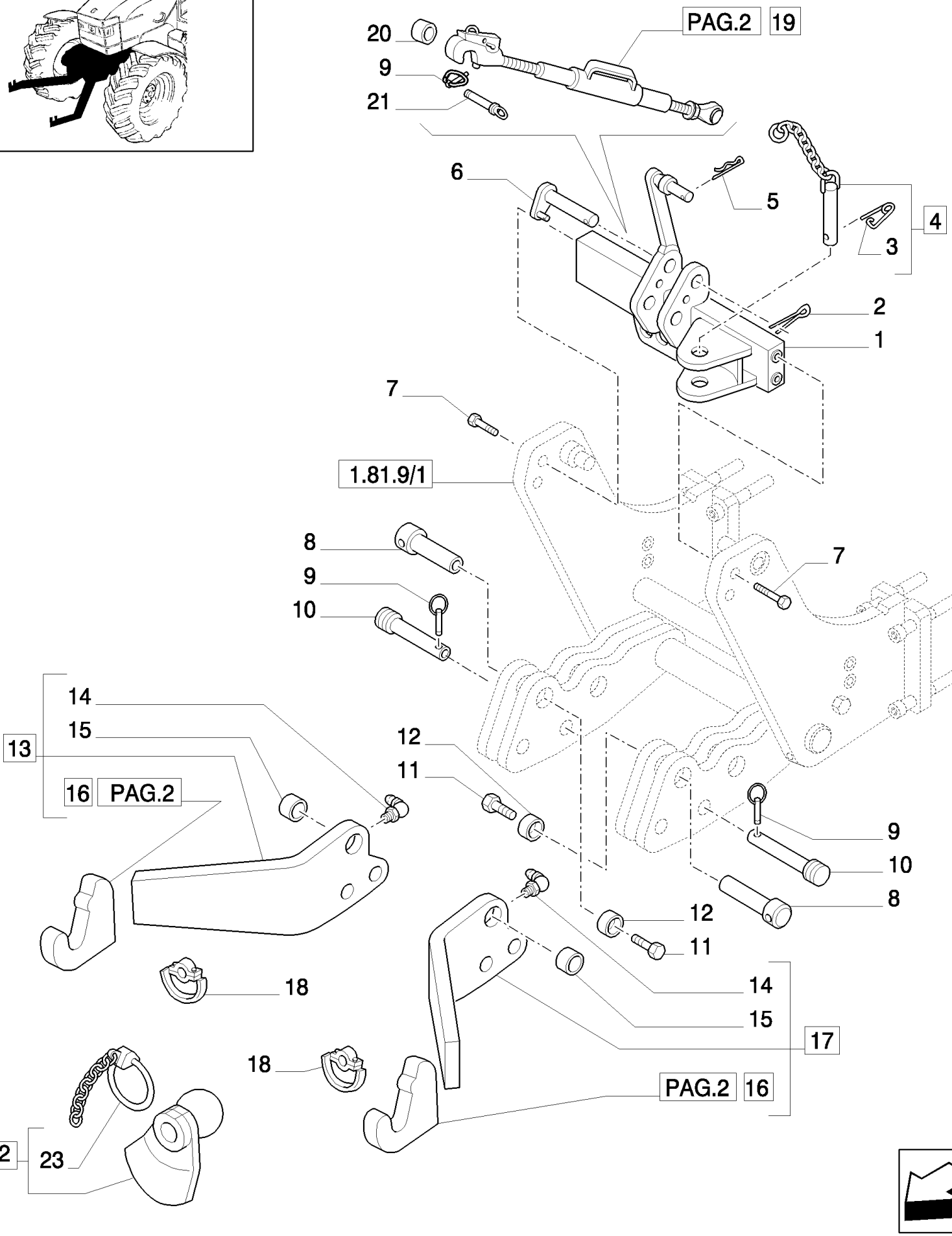
TM190 TRACTOR (6/02-) - Implement Lift

1.89.6/07(02) (VAR.780-781) LIFT AND FRONT PTO (WITH 6 - 21 SPLINES) CCLS - SPRAG

Ref	Part Number	Qty	Description
1	82030225	1	LINK, TOP,
2	5172480	1	BALL, CAT.2
3	5166585	1	PIN, LOCK,
4	822483	1	PIN,
5	82012616	1	HOOK,
6	82030224	1	SLEEVE,
7	5145505	1	LINK, TOP,
8	44017570	1	BUSHING,
9	44015788	1	RING, LOCKING,
10	9966549	1	LEVER,
11	9966523	1	PIN, ROLL,
12	9966521	1	PIN, ROLL,
13	9966522	1	PIN, ROLL,
14	9966524	1	SPRING,
15	9966526	1	PIN, LARGE,
16	86026358	1	NUT,

1.89.6/08(01) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - LIFT BOOMS AND SPRAG



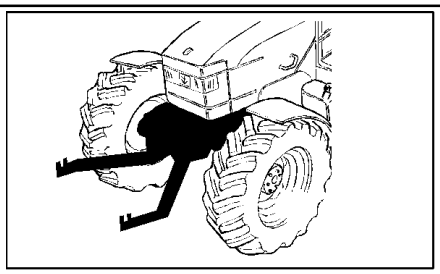


TM190 TRACTOR (6/02-) - Implement Lift

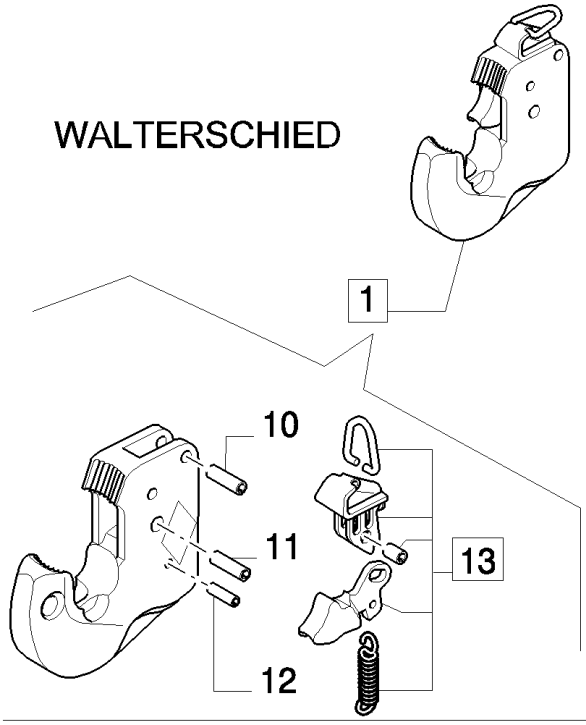
1.89.6/08(01) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - LIFT BOOMS AND SPRAG

Ref	Part Number	Qty	Description
1	5191943	1	BAR,
2	5112606	1	PIN, SPLIT (COTTER),
3	5152004	1	PIN, LOCK,
4	5171214	1	PIN, HITCH,
5	82015901	1	PIN,
6	82017214	1	PIN,
7	15988621	4	BOLT, Hex, M20 x 1.5 x 75, 8.8, Full Thd,
8	5192031	2	PIN,
9	5166585	3	PIN, LOCK,
10	5191950	2	PIN,
11	11376221	2	BOLT, Hex, M16 x 1.5 x 35, 8.8, Full Thd,
12	5192680	3	PLUG,
13	5192238	1	ARM, LIFT, RH - CBM
13	5192028	1	ARM, LIFT, RH - WALTERSCHIED
14	13408411	2	NIPPLE, LUBE, 45є, M10 x1,
15	82015569	2	BUSHING, 40X44X30
16	5189331	2	HOOK, CAT.2 - CBM
16	5176621	2	HOOK, Walterscheid, Cat. 2
17	5192237	1	ARM, LIFT, LH - CBM
17	5192027	1	ARM, LIFT, LH - WALTERSCHIED
18	5130779	2	ECCENTRIC, CAT.2, CBM
18	5128900	2	ECCENTRIC, CAT.2, WALTERSCHIED
19	82030225	1	LINK, TOP,
20	5172480	1	BALL, CAT.2
21	822483	1	PIN, CAT.2
22	5127760	2	BALL, CAT.2
23	9970362	2	PIN,

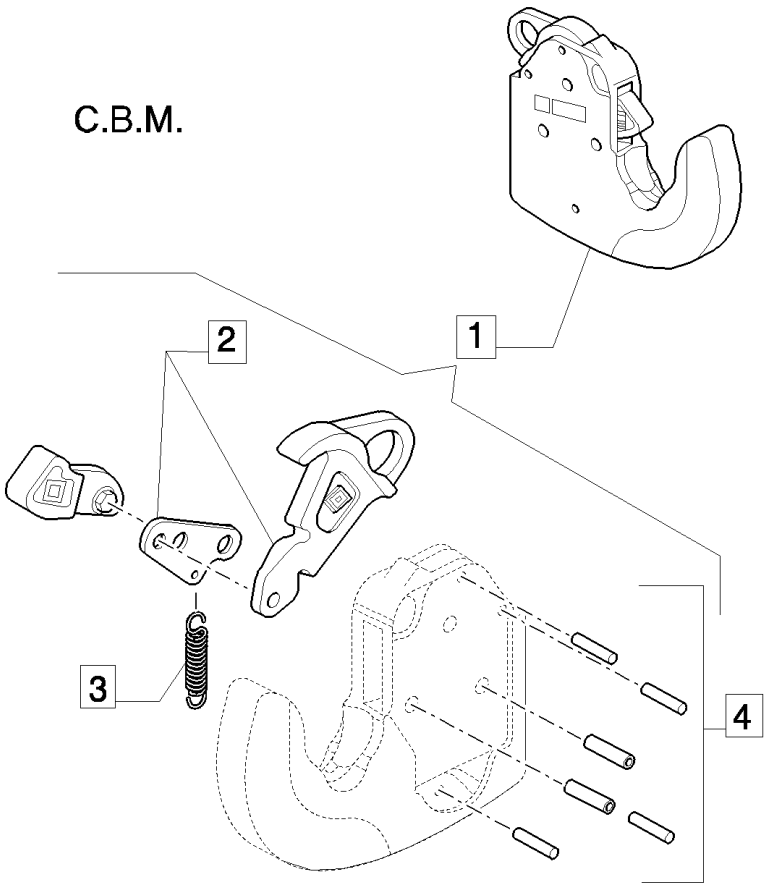
1.89.6/08(02) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - IMPLEMENT ATTACHMENT HOOK AND SPRAG

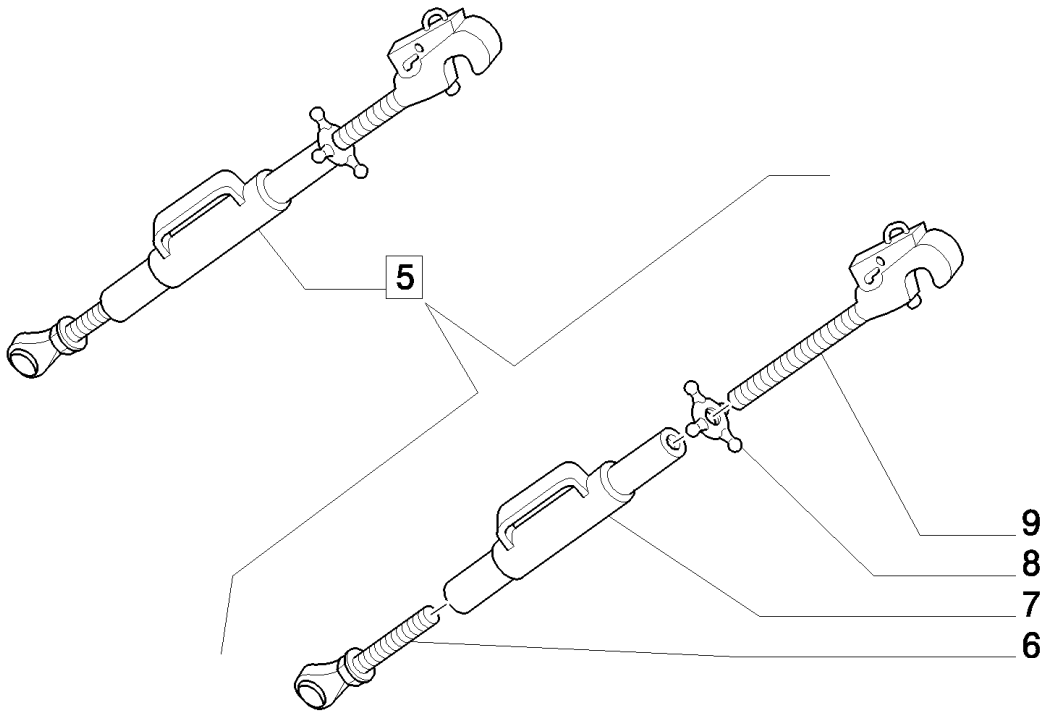


WALTERSCHIED



C.B.M.



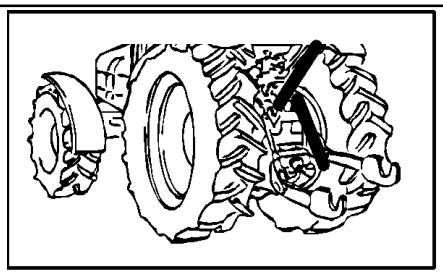


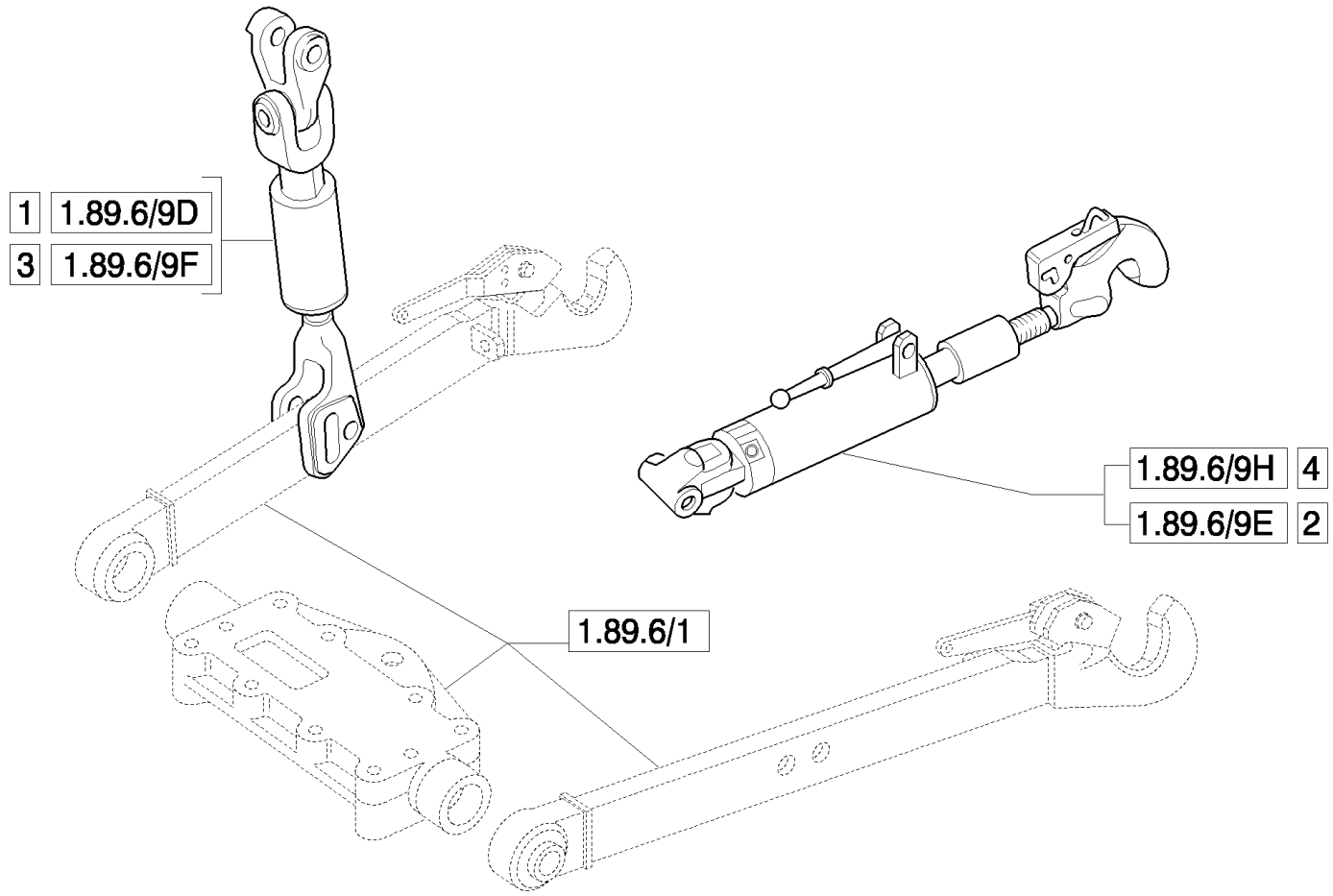
TM190 TRACTOR (6/02-) - Implement Lift

1.89.6/08(02) (VAR.779) FRONT HYDRAULIC LIFT FOR "SUPERSTEER" - IMPLEMENT ATTACHMENT HOOK AND SPRAG

Ref	Part Number	Qty	Description
1	5189331	1	HOOK, CAT.2 - CBM
1	5176621	1	HOOK, Walterscheid, Cat. 2
2	5189339	1	KIT, Lever
3	5189340	1	SPRING, CBM
4	5189337	1	KIT, Spring Pin
5	82030225	1	LINK, TOP, CAT.2
6	5145505	1	LINK, TOP,
7	82030224	1	SLEEVE,
8	86026358	1	NUT,
9	82012616	1	HOOK,
10	86017235	1	PIN, WALTERSCHIED
11	9970119	1	PIN, ROLL, WALTERSCHIED
12	86017081	1	PIN, WALTERSCHIED
13	9970152	1	KIT, WALTERSCHIED

1.89.6/09(02) (VAR.900) HYDRAULIC ADJUSTMENT OF RIGHT TIE-ROD FOR CLOSED CCLS CENTRE - TIE-ROD AND CYLINDER



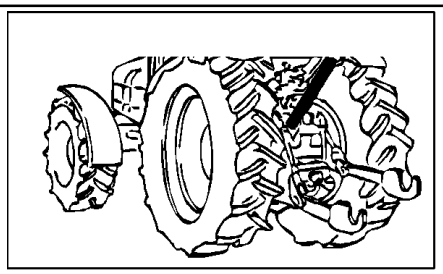


1.89.6/09(02) (VAR.900) HYDRAULIC ADJUSTMENT OF RIGHT TIE-ROD FOR CLOSED CCLS CENTRE - TIE-ROD AND CYLINDER

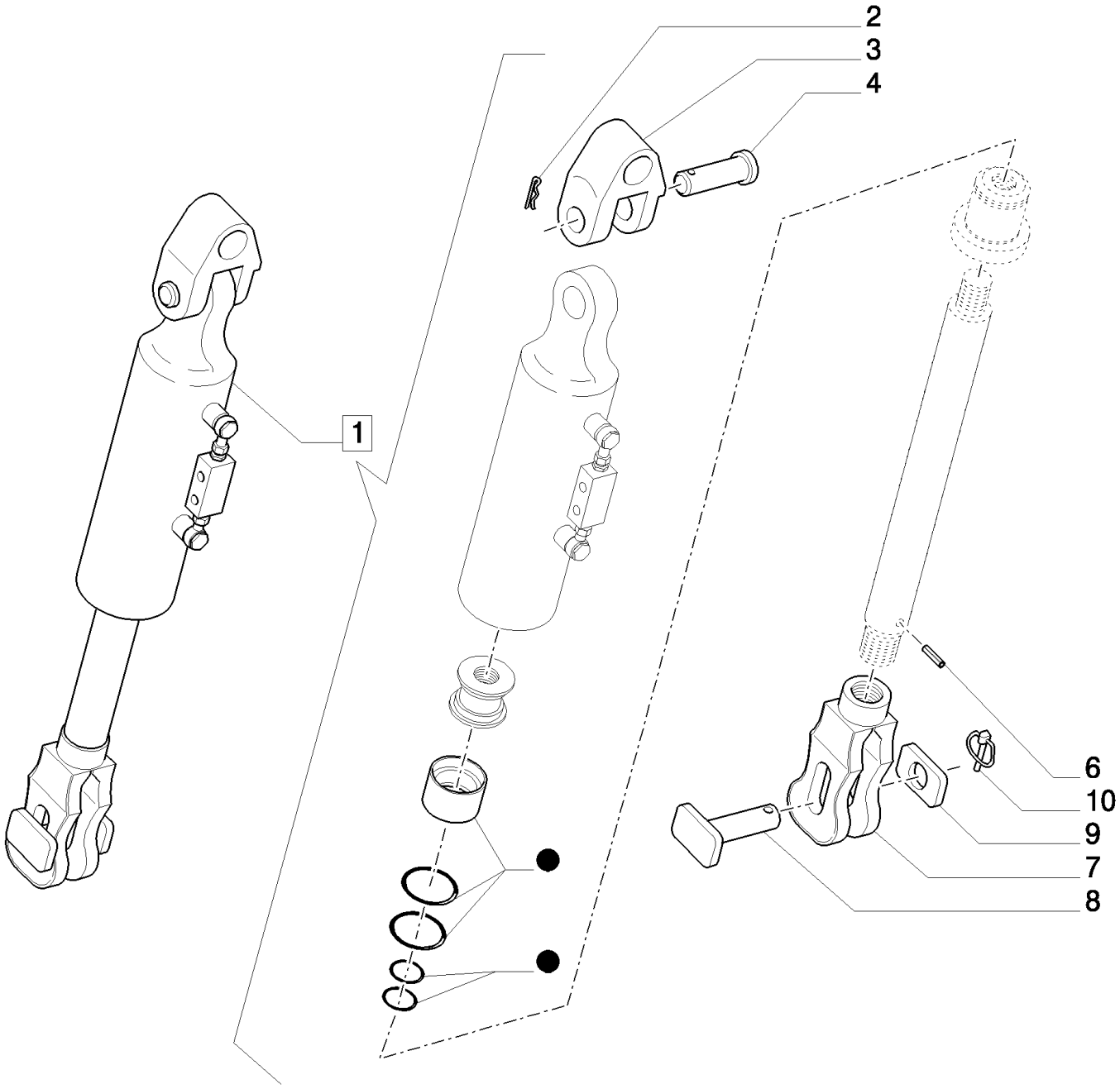
Ref	Part Number	Qty	Description
1	5188141	1	TIE-ROD, , BSN 230152
2	5188143	1	TIE-ROD, , BSN 228934
3	47133995	1	LINK, TOP, , ASN 230153
4	82032582	1	LINK, TOP, , ASN 228935

D4820 Serial N.230153□□5188141=47133995+5197810+5197822+47125579□□D5290 Serial N.228935□□

1.89.6/09D (VAR.900) HYDR. ADJUSTMENT OF RIGHT TIE-ROD AND3 POINT LINK FOR CLOSED CCLS CENTRE - TIE-ROD - C48



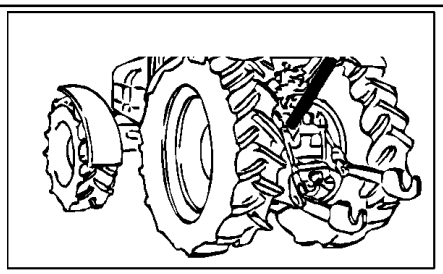
KIT ● = 5



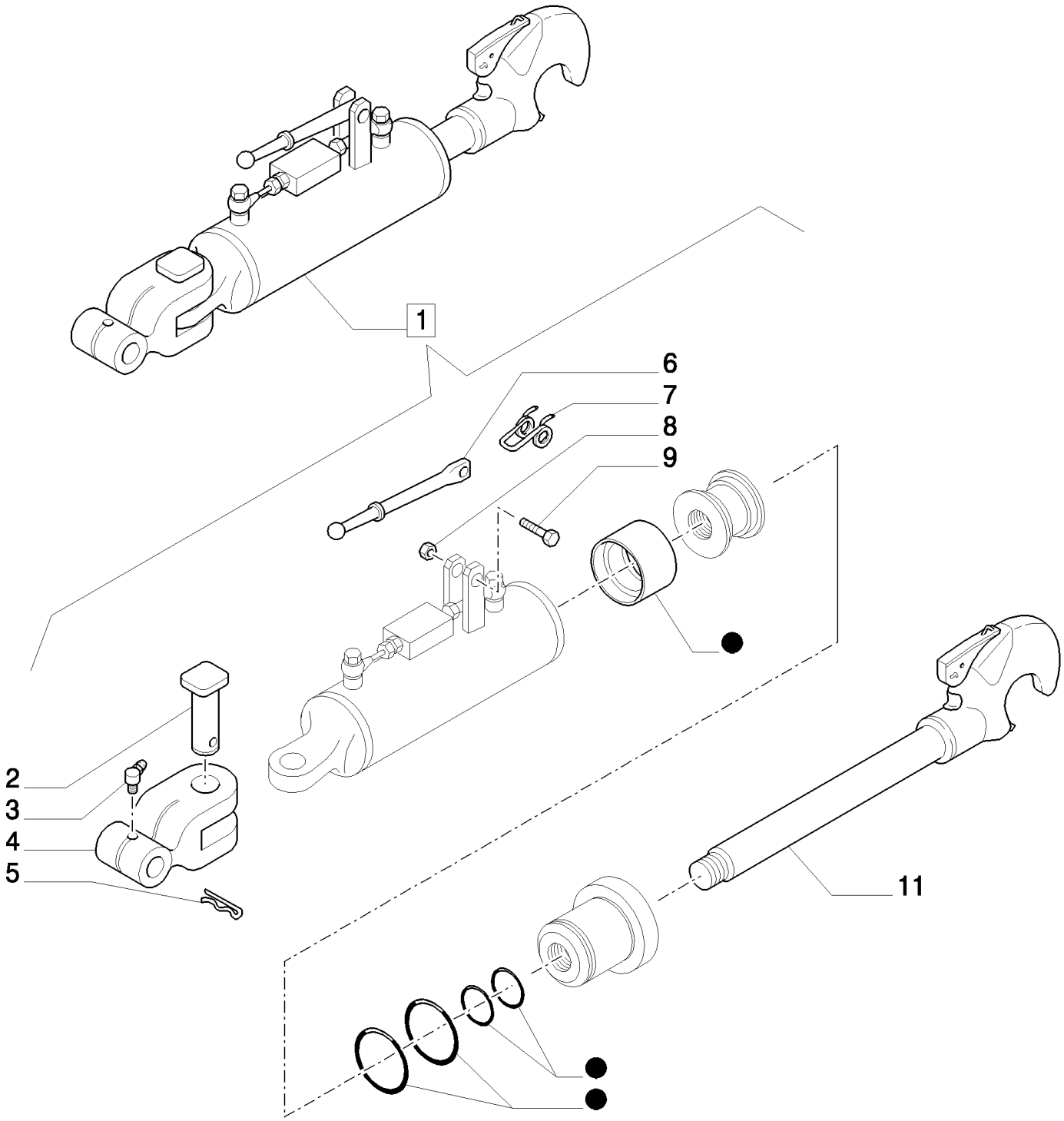
1.89.6/09D (VAR.900) HYDR. ADJUSTMENT OF RIGHT TIE-ROD AND3 POINT LINK FOR CLOSED CCLS CENTRE - TIE-ROD - C48

Ref	Part Number	Qty	Description
1	5188141	1	TIE-ROD,
2	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
3	5197826	1	SPIDER,
4	5197827	1	PIN,
5	5197835	1	KIT, SEALS,
6	14607471	1	PIN, LOCK, M8 x 50, Slotted,
7	5197842	1	COUPLING,
8	5197820	1	PIN,
9	5197822	1	PLATE, COVER,
10	47125579	1	PIN, ROLL,

1.89.6/09E (VAR.900) HYDR. ADJUSTMENT OF RIGHT TIE-ROD AND 3RD POINT LINK FOR CLOSED CCLS CENTRE-3RD POINT



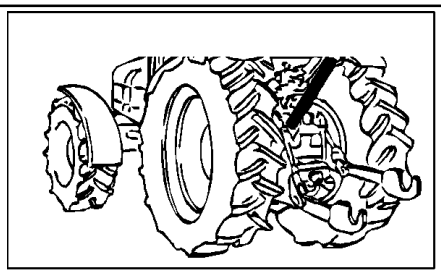
KIT ● = 10



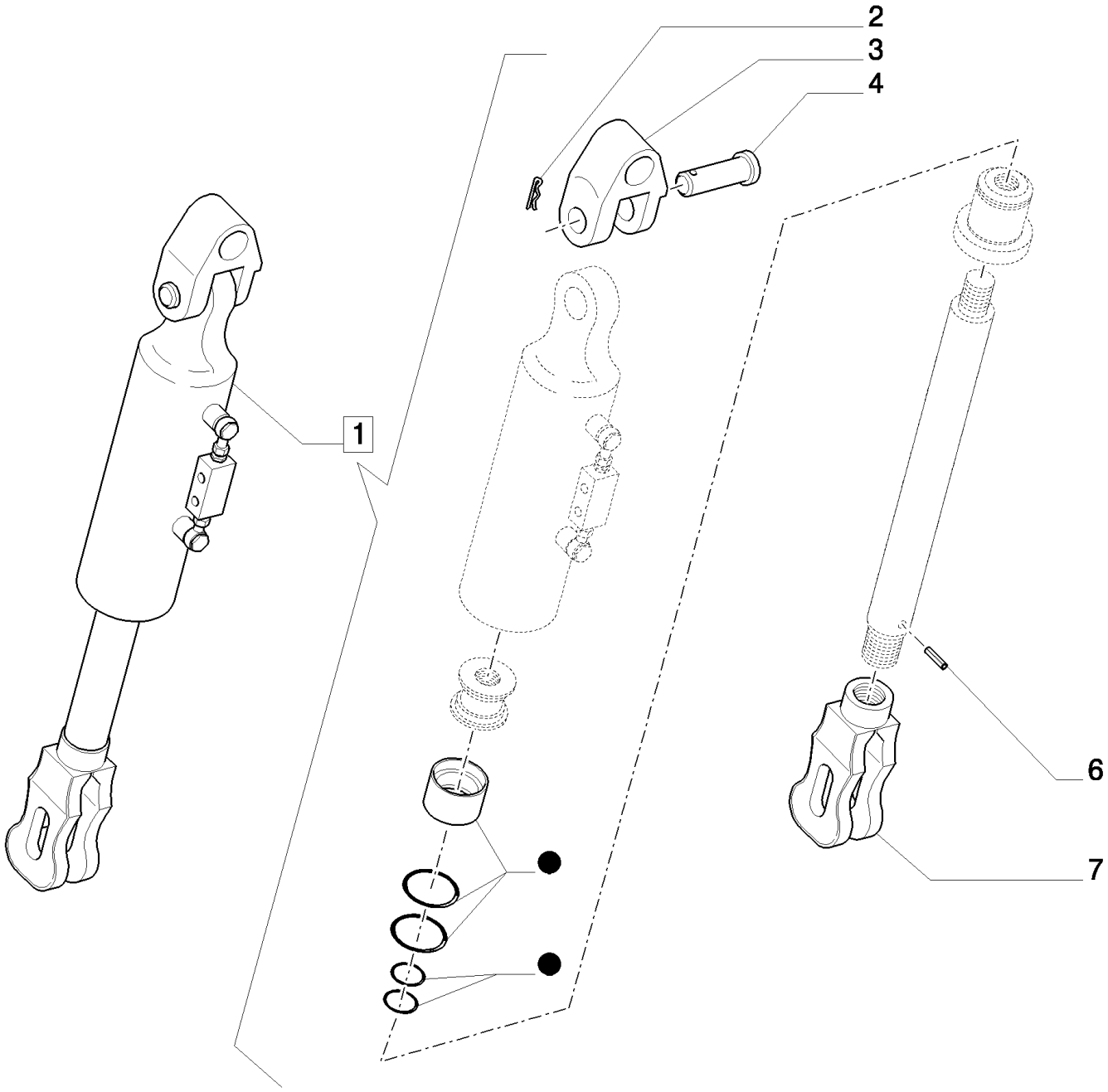
1.89.6/09E (VAR.900) HYDR. ADJUSTMENT OF RIGHT TIE-ROD AND 3RD POINT LINK FOR CLOSED CCLS CENTRE-3RD POINT

Ref	Part Number	Qty	Description
1	5188143	1	TIE-ROD,
2	5161789	1	PIN,
3	13407811	1	NIPPLE, LUBE,
4	5197839	1	YOKE,
5	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
6	5172394	1	LEVER,
7	5197838	1	SPRING,
8	16105021	1	NUT, LOCK, M12 x 1.25, Cl 10,
9	15541224	1	BOLT, Hex, M12 x 1.25 x 70, 8.8,
10	5197835	1	KIT, SEALS,
11	5197837	1	ROD, LIFTING,

1.89.6/09F (VAR.900) HYDR. ADJUSTMENT OF RIGHT TIE-ROD AND3 POINT LINK FOR CLOSED CCLS CENTRE - TIE-ROD - D48



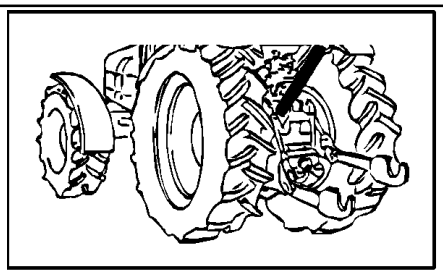
KIT ● = 5



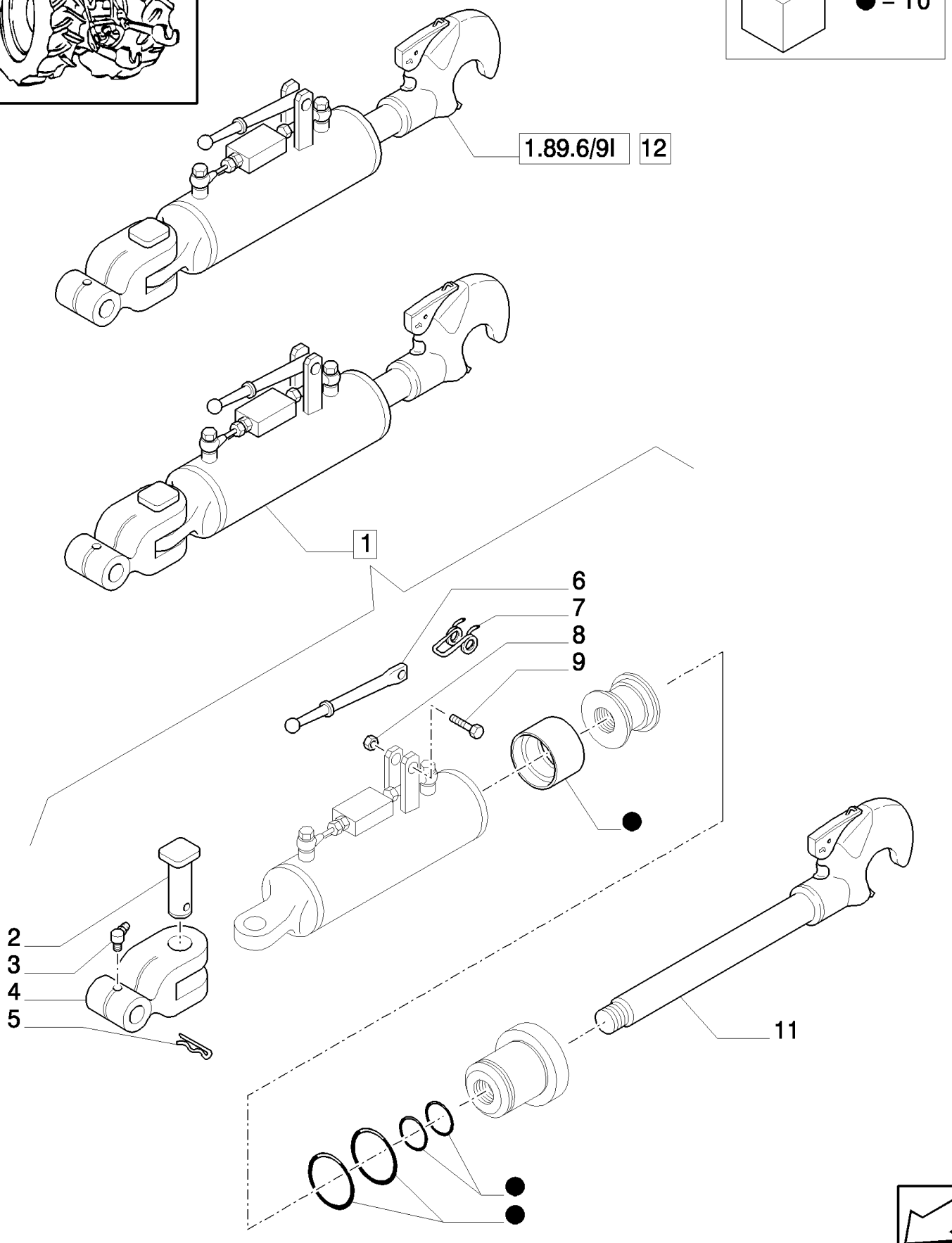
1.89.6/09F (VAR.900) HYDR. ADJUSTMENT OF RIGHT TIE-ROD AND3 POINT LINK FOR CLOSED CCLS CENTRE - TIE-ROD - D48

Ref	Part Number	Qty	Description
1	5188141	1	TIE-ROD,
2	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
3	5197826	1	SPIDER,
4	5197827	1	PIN,
5	5197835	1	KIT, SEALS,
6	14607471	1	PIN, LOCK, M8 x 50, Slotted,
7	5197842	1	COUPLING,

1.89.6/09H SPRAG - BREAKDOWN



KIT ● = 10

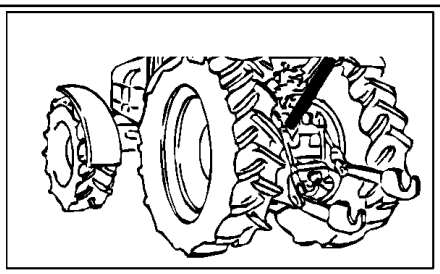


TM190 TRACTOR (6/02-) - Implement Lift

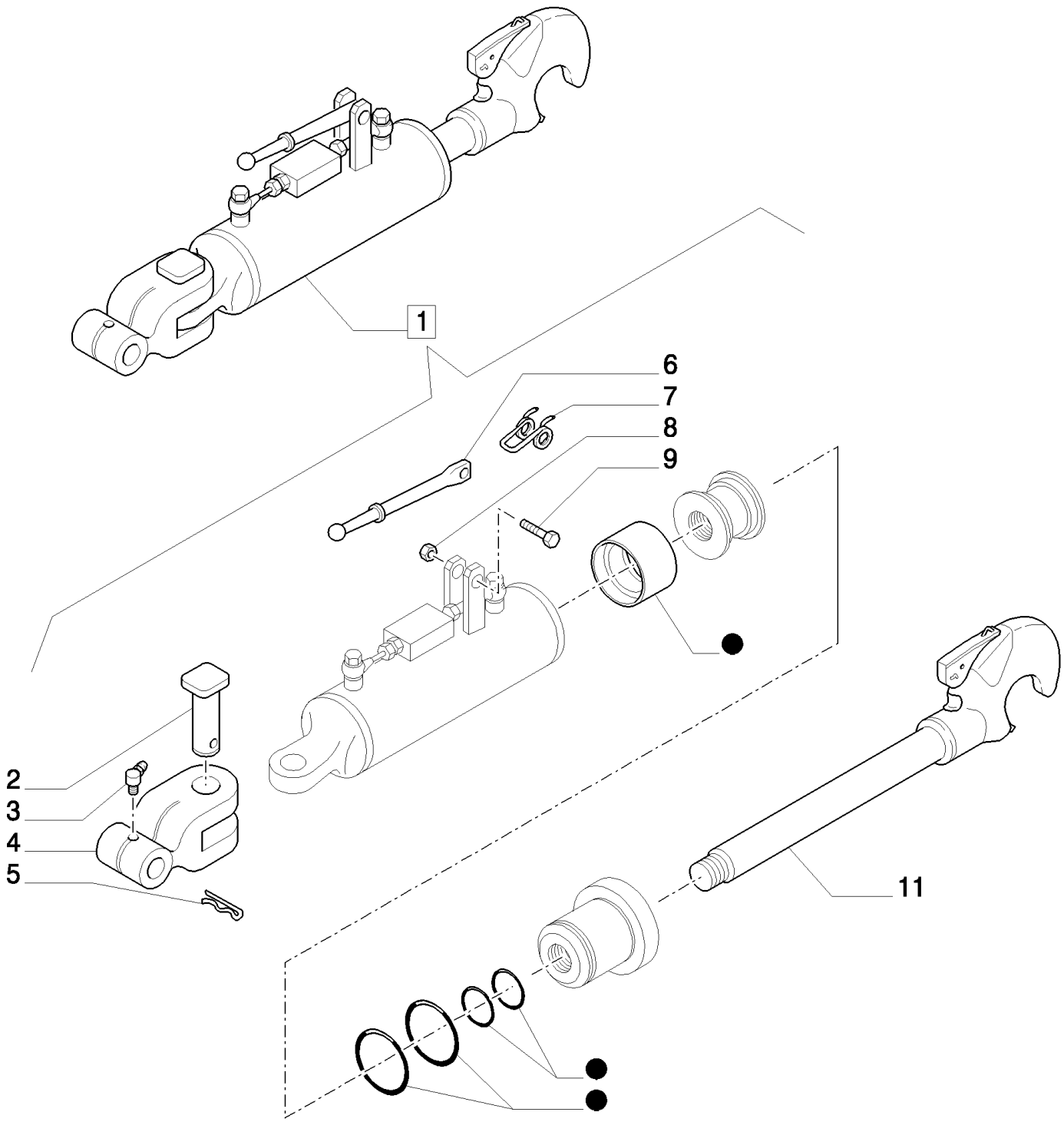
1.89.6/09H SPRAG - BREAKDOWN

Ref	Part Number	Qty	Description
1	82032582	1	LINK, TOP,
2	5161789	1	PIN,
3	13407811	1	NIPPLE, LUBE,
4	5197839	1	YOKE,
5	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
6	5172394	1	LEVER,
7	5197838	1	SPRING,
8	16105021	1	NUT, LOCK, M12 x 1.25, Cl 10,
9	15541224	1	BOLT, Hex, M12 x 1.25 x 70, 8.8,
10	5197835	1	KIT, SEALS,
11	82032587	1	LINK, TOP,

1.89.6/09I 3RD POINT LINK - BREAKDOWN



KIT ● = 10

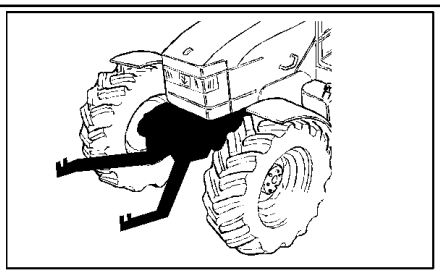


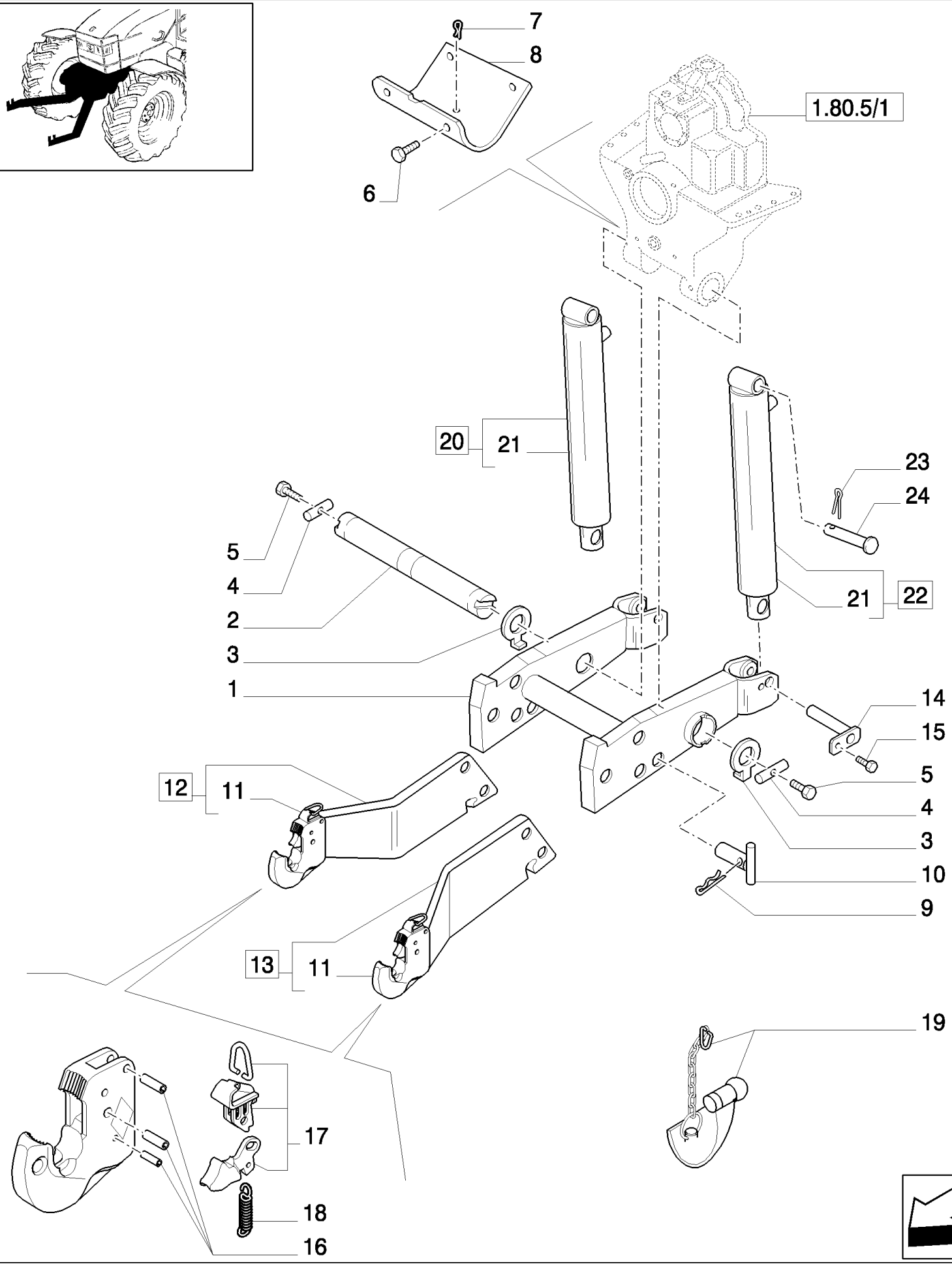
TM190 TRACTOR (6/02-) - Implement Lift

1.89.6/09I 3RD POINT LINK - BREAKDOWN

Ref	Part Number	Qty	Description
1	87358974	1	LINK, TOP,
2	5197827	1	PIN,
3	13407811	1	NIPPLE, LUBE,
4	87358972	1	YOKE,
5	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
6	5172394	1	LEVER,
7	5197838	1	SPRING,
8	16105021	1	NUT, LOCK, M12 x 1.25, Cl 10,
9	15541224	1	BOLT, Hex, M12 x 1.25 x 70, 8.8,
10	5197835	1	KIT, SEALS,
11	82032587	1	LINK, TOP,

1.89.6/10(01) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - LIFT BOOMS AND CYLINDERS

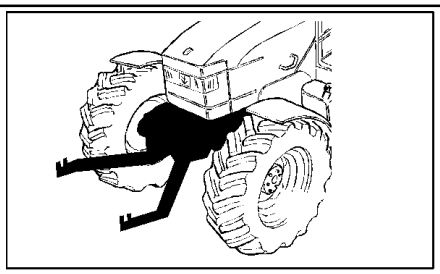


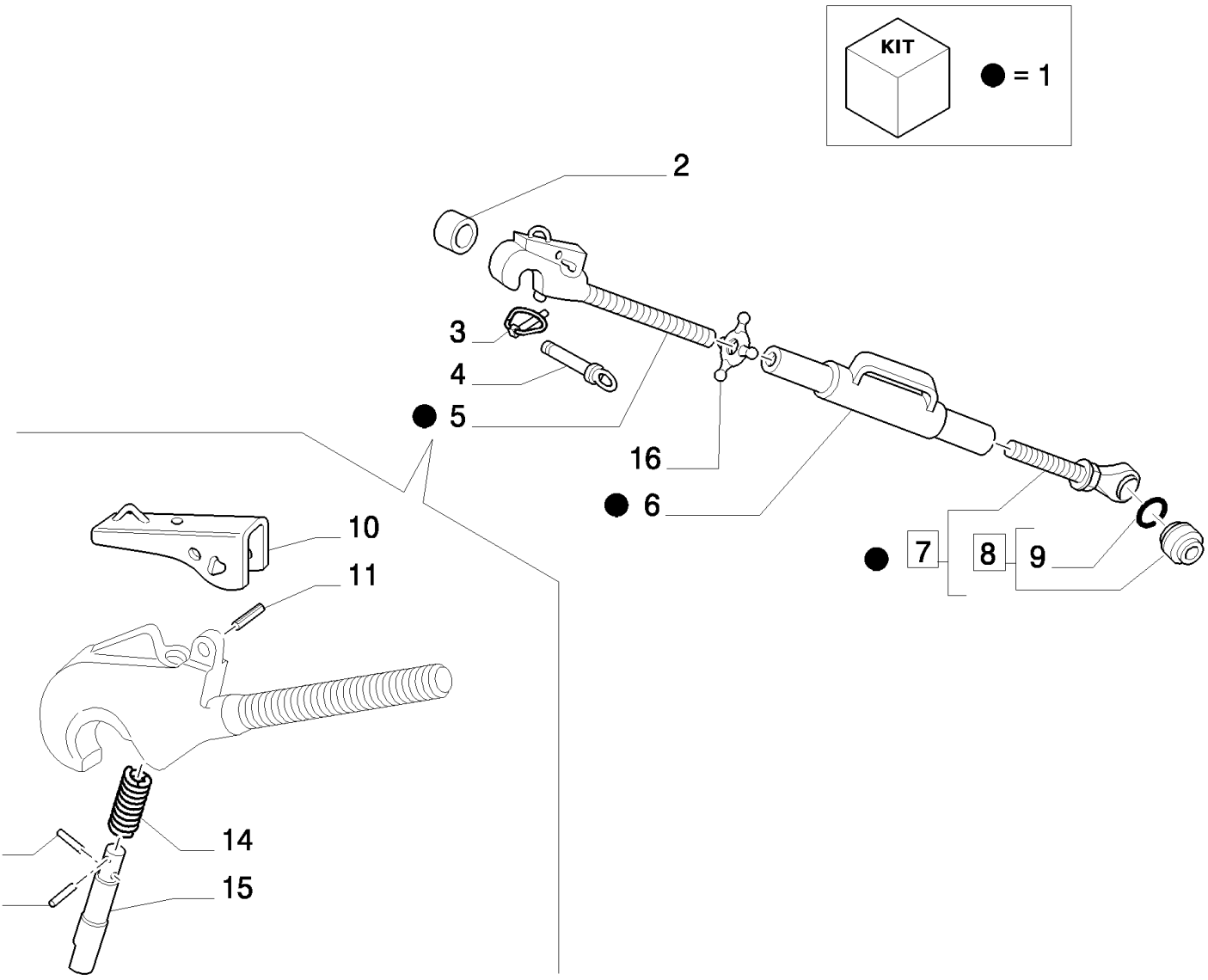


1.89.6/10(01) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - LIFT BOOMS AND CYLINDERS

Ref	Part Number	Qty	Description
1	82015475	1	SUPPORT, , -C5155
1	87359524	1	FRAME, , D5155-
2	82015453	1	SHAFT,
3	5167903	2	PLATE, ANTI-WRAP,
4	5167902	2	BLOCK,
5	11408324	2	BOLT, Hex, M14 x 1.5 x 35, 8.8, Full Thd,
6	15970724	4	BOLT, Hex, M10 x 1.25 x 25, 8.8, Full Thd,
7	81812862	1	PIN, SPLIT (COTTER), 3/16" x 1-1/4"
8	5179043	1	SHIELD,
9	82015901	4	PIN,
10	82015476	4	PIN,
11	5189331	2	HOOK,
12	82021030	1	ARM, LIFT, RH
13	82021029	1	ARM, LIFT, LH
14	5165102	2	PIN,
15	15970524	2	BOLT, Hex, M10 x 1.25 x 20, 8.8, Full Thd,
16	5189337	1	KIT, Spring Pin
17	5189339	1	KIT, Lever
18	5189340	1	SPRING,
19	5127760	2	BALL, CAT.2
20	82015487	1	CYLINDER, RH
21	82015470	2	KIT, SEALS
22	82015486	1	CYLINDER, LH
23	5112606	2	PIN, SPLIT (COTTER),
24	5178459	2	PIN,

1.89.6/10(02) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - SPRAG



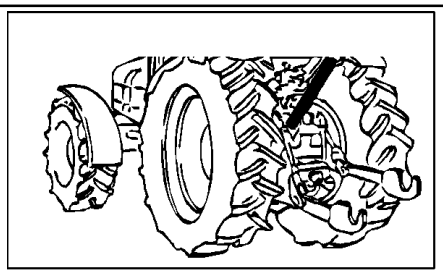


TM190 TRACTOR (6/02-) - Implement Lift

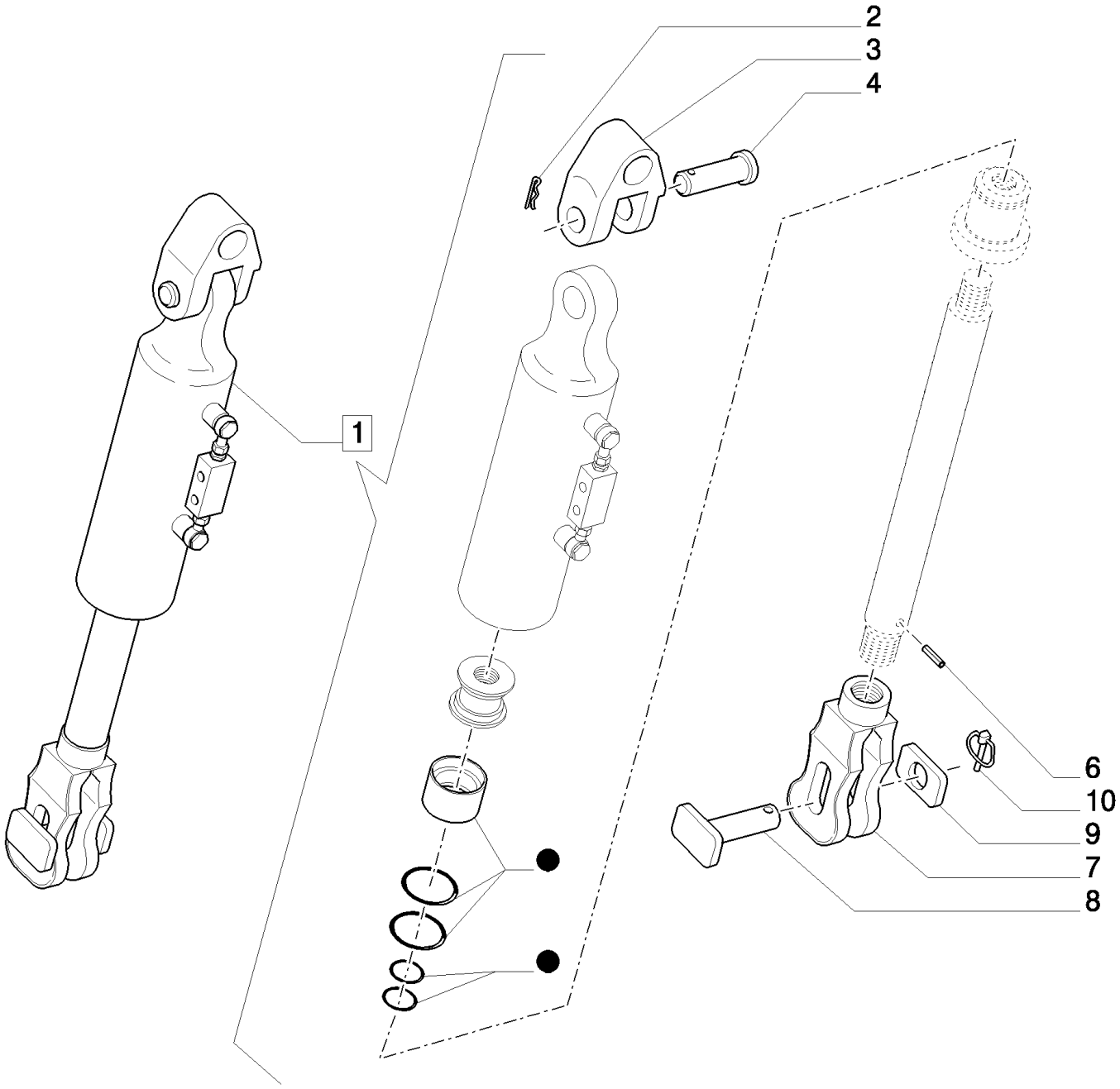
1.89.6/10(02) (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - SPRAG

Ref	Part Number	Qty	Description
1	82030225	1	LINK, TOP,
2	5172480	1	BALL, CAT.2
3	5166585	1	PIN, LOCK,
4	822483	1	PIN,
5	82012616	1	HOOK,
6	82030224	1	SLEEVE,
7	5145505	1	LINK, TOP,
8	44017570	1	BUSHING,
9	44015788	1	RING, LOCKING,
10	9966549	1	LEVER,
11	9966523	1	PIN, ROLL,
12	9966521	1	PIN, ROLL,
13	9966522	1	PIN, ROLL,
14	9966524	1	SPRING,
15	9966526	1	PIN, LARGE,
16	86026358	1	NUT,

1.89.6/11(01) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - TIE-ROD - C



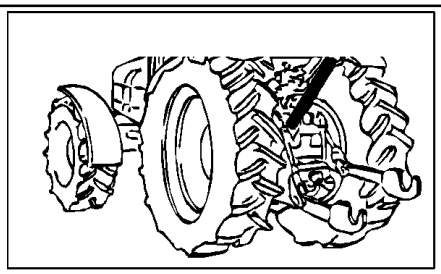
KIT ● = 5



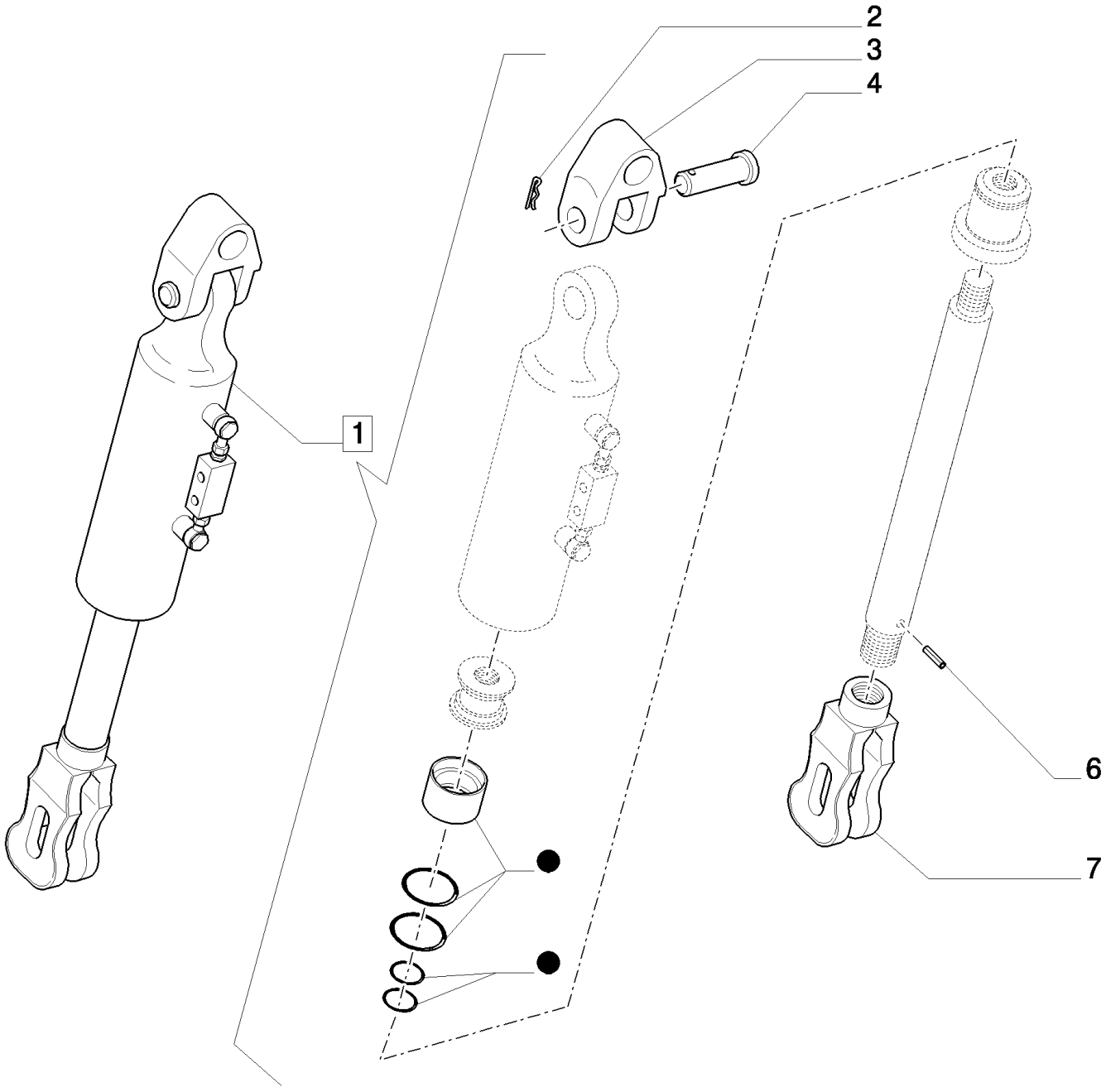
1.89.6/11(01) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - TIE-ROD - C

Ref	Part Number	Qty	Description
1	5188141	1	TIE-ROD,
2	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
3	5197826	1	SPIDER,
4	5197827	1	PIN,
5	5197835	1	KIT, SEALS,
6	14607471	1	PIN, LOCK, M8 x 50, Slotted,
7	5197842	1	COUPLING,
8	5197820	1	PIN,
9	5197822	1	PLATE, COVER,
10	47125579	1	PIN, ROLL,

1.89.6/11(01A) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - TIE-ROD -



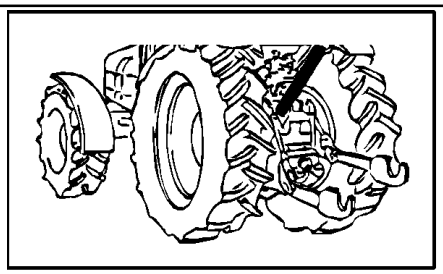
KIT ● = 5



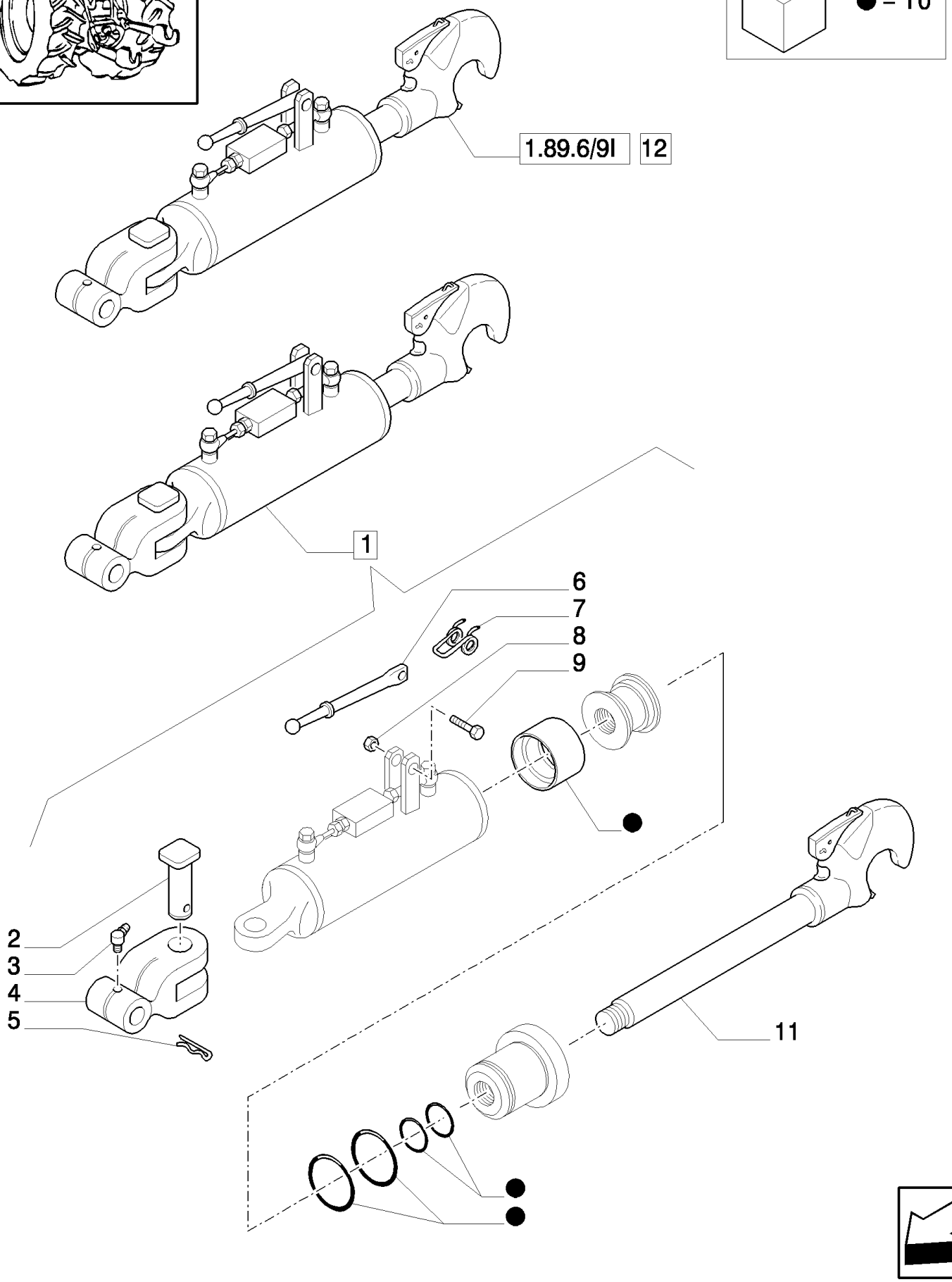
1.89.6/11(01A) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - TIE-ROD -

Ref	Part Number	Qty	Description
1	5188141	1	TIE-ROD,
2	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
3	5197826	1	SPIDER,
4	5197827	1	PIN,
5	5197835	1	KIT, SEALS,
6	14607471	1	PIN, LOCK, M8 x 50, Slotted,
7	5197842	1	COUPLING,

1.89.6/11(02) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - SPRAG



KIT ● = 10



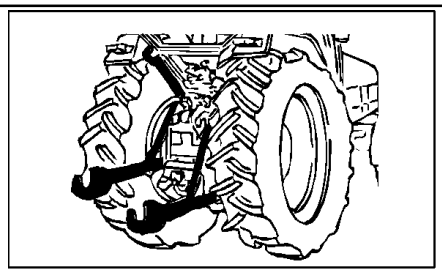
TM190 TRACTOR (6/02-) - Implement Lift

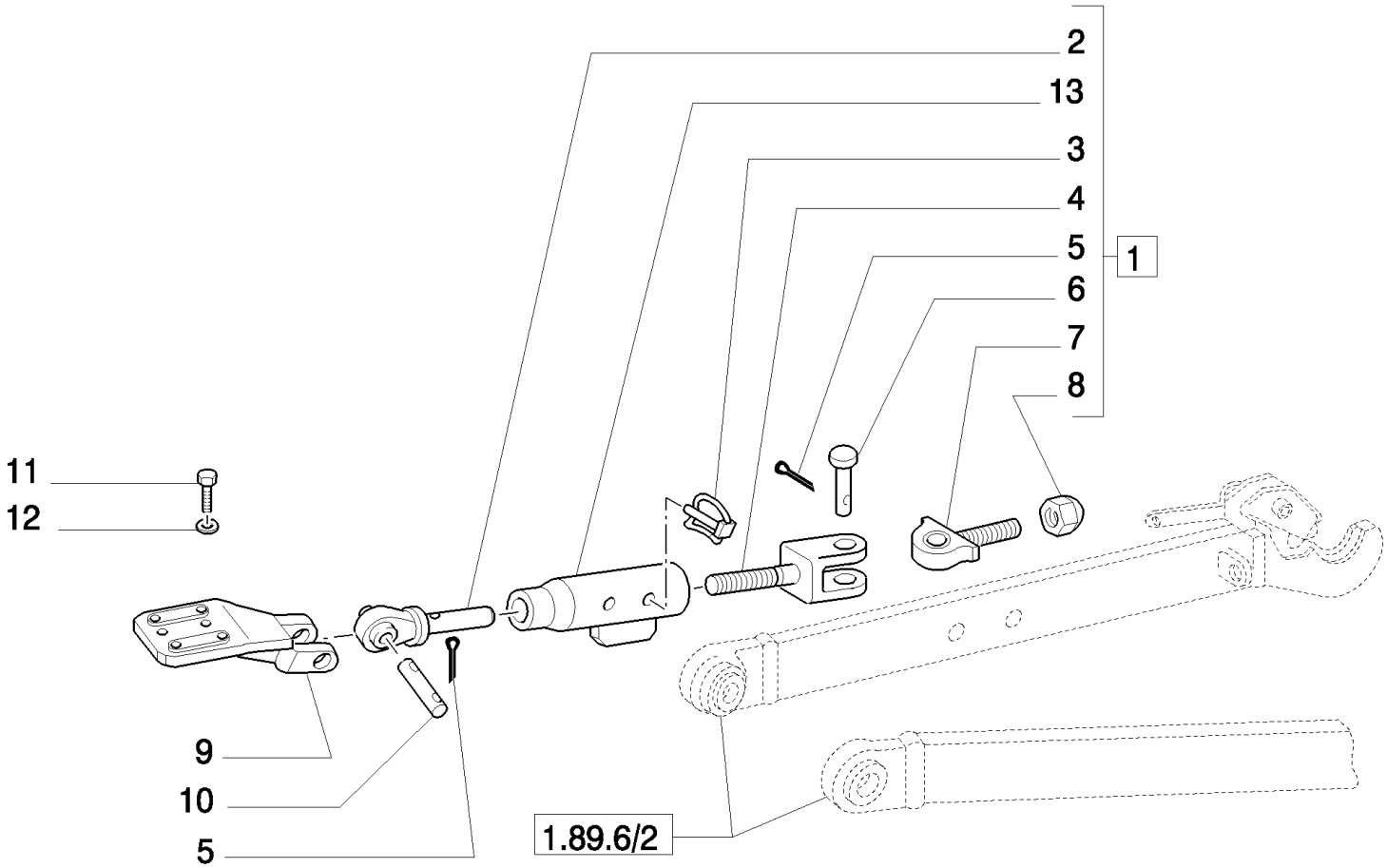
1.89.6/11(02) (VAR.484-496) RIGHT TIE ROD AND SPRAG WITH CONTROL VALVES WITH ELECTRONIC CONTROL - SPRAG

Ref	Part Number	Qty	Description
1	5188143	1	TIE-ROD, , BSN 228934
1	82032582	1	LINK, TOP, , ASN 228935
2	5161789	1	PIN,
3	13407811	1	NIPPLE, LUBE,
4	5197839	1	YOKE,
5	10797801	1	PIN, SPLIT (COTTER), M6.3 x 50,
6	5172394	1	LEVER,
7	5197838	1	SPRING,
8	16105021	1	NUT, LOCK, M12 x 1.25, Cl 10,
9	15541224	1	BOLT, Hex, M12 x 1.25 x 70, 8.8,
10	5197835	1	KIT, SEALS,
11	5197837	1	ROD, LIFTING, , BSN 228934
11	82032587	1	LINK, TOP, , BTW 228935 & ACM252702
12	87358974	1	LINK, TOP, , ASN 228935

D5290 Serial N.228935D5291 Serial N.ACM252703

1.89.9/01 LATERAL STABILIZERS



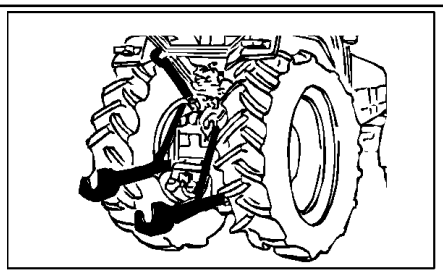


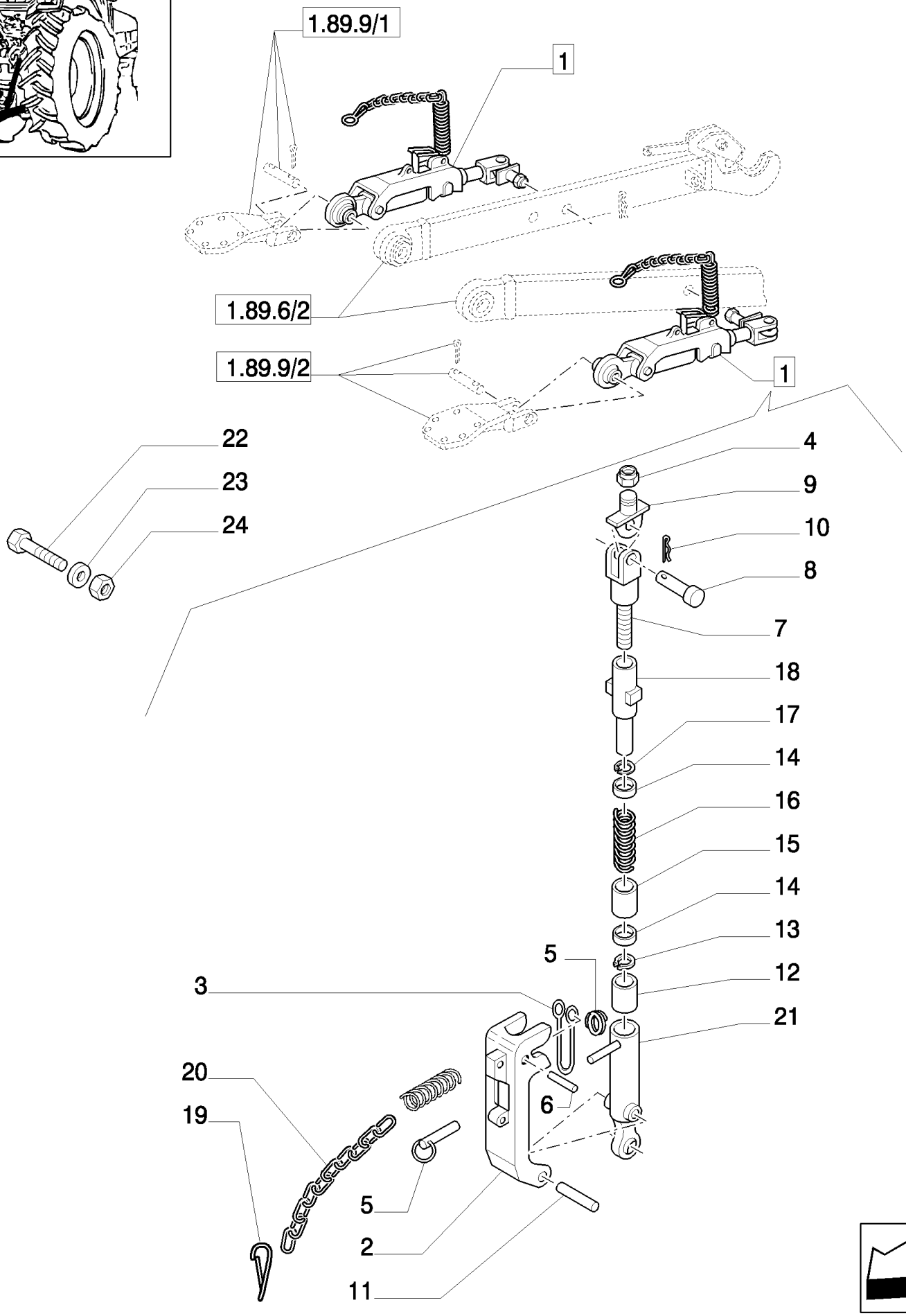
TM190 TRACTOR (6/02-) - Implement Lift

1.89.9/01 LATERAL STABILIZERS

Ref	Part Number	Qty	Description
1	5197252	2	LINK, TOP,
2	5197815	2	TIE-ROD,
3	5197816	2	PIN, ROLL,
4	5197818	2	YOKE,
5	10798401	1	PIN, SPLIT (COTTER), M6.3 x 40,
5	10795401	4	PIN, SPLIT (COTTER), M6.3 x 63,
6	5197809	2	PIN,
7	5197806	2	PIN,
8	5197811	2	NUT,
9	47127308	1	SUPPORT, RH
9	47127307	1	SUPPORT, LH
10	5104570	2	PIN,
11	15984431	12	BOLT, Hex, M18 x 1.5 x 55, 10.9, Full Thd,
12	11191674	12	WASHER, SPRING, Belleville, M19,
13	5197817	1	TURNBUCKLE,

1.89.9/05 (VAR.742/1) AUTOMATIC STABILISERS FOR CAB WITH SUSPENSIONS

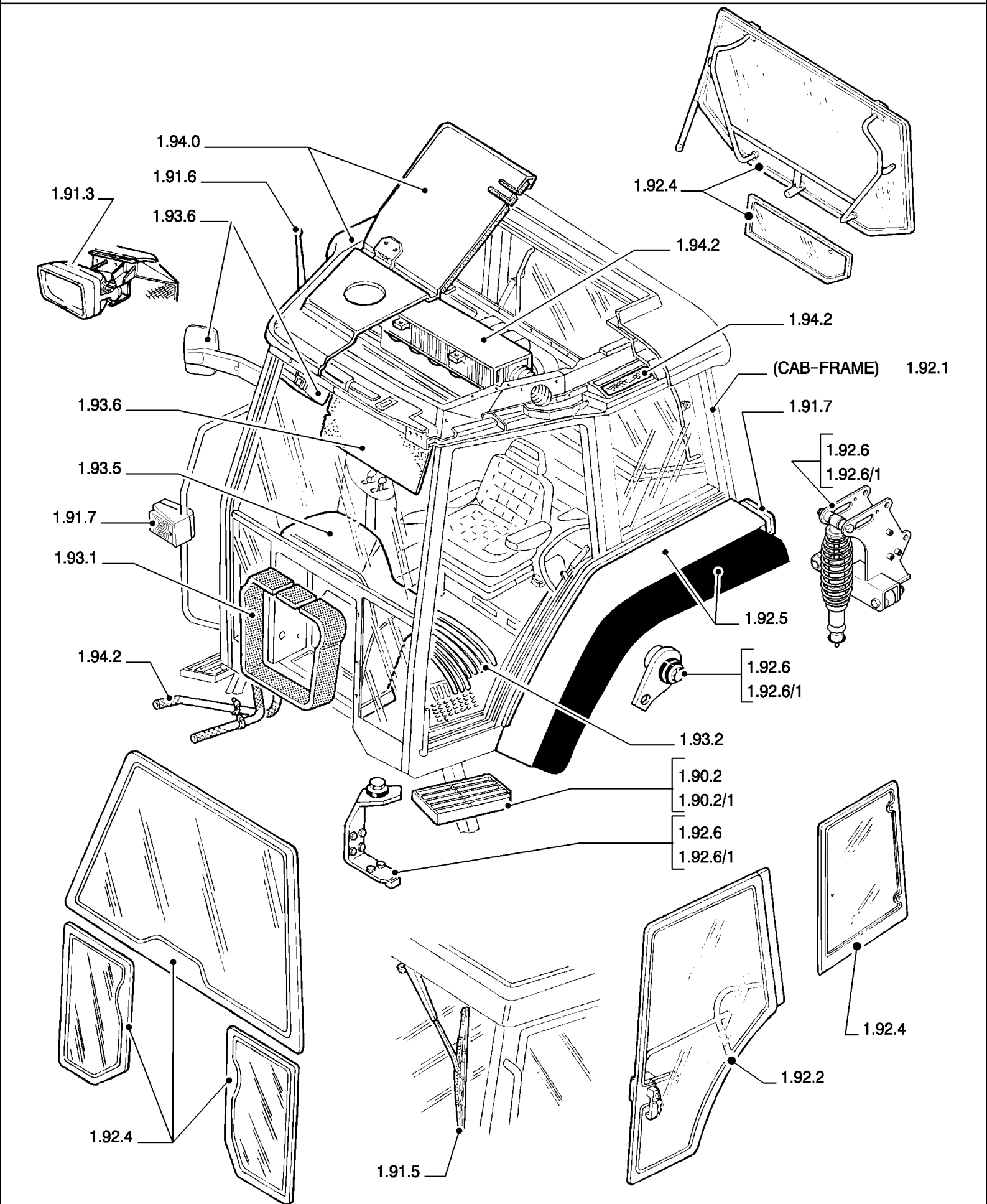




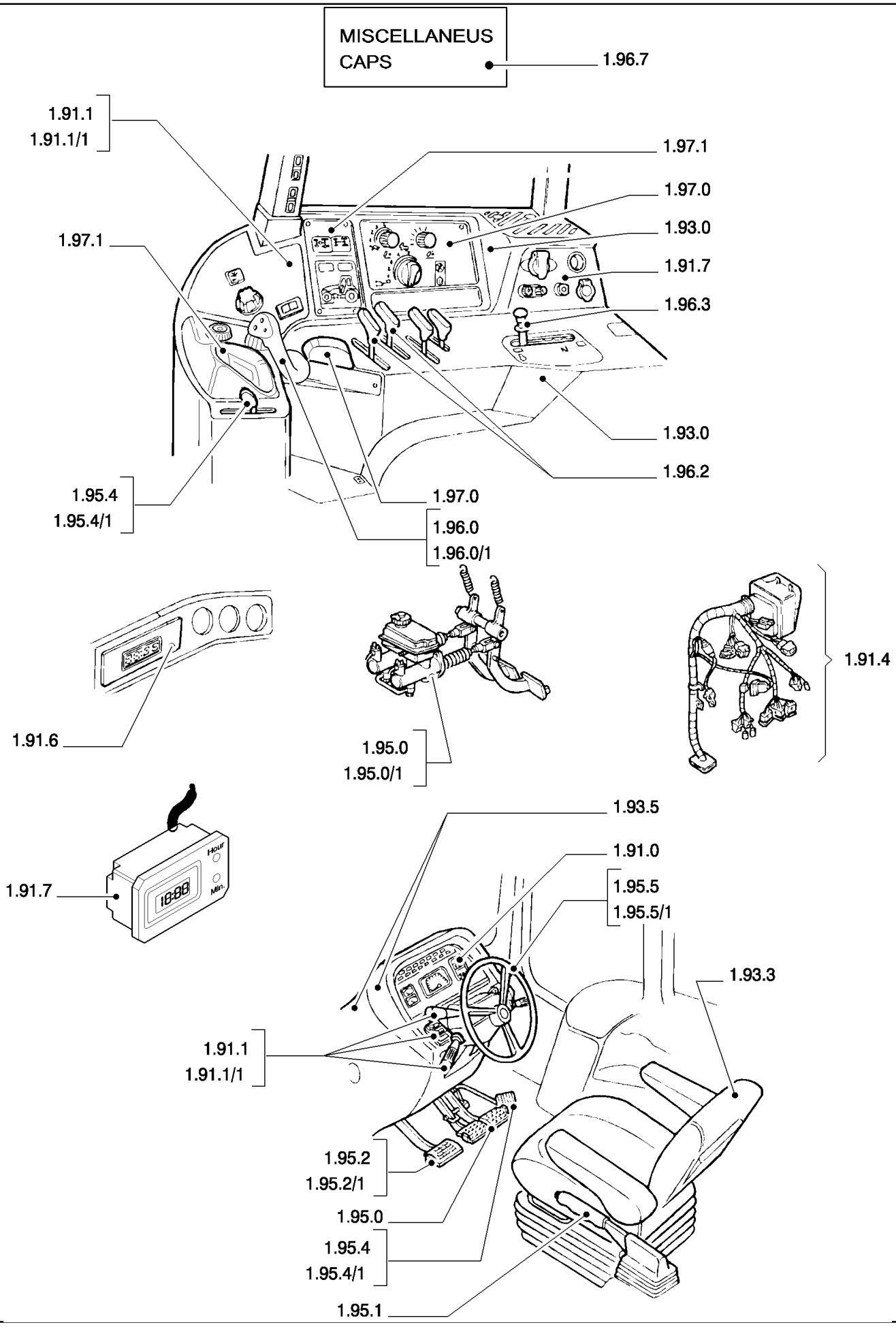
TM190 TRACTOR (6/02-) - Implement Lift

1.89.9/05 (VAR.742/1) AUTOMATIC STABILISERS FOR CAB WITH SUSPENSIONS

Ref	Part Number	Qty	Description
1	5198235	2	LINK, TOP,
2	86010956	1	LEVER,
3	86010951	1	CLIP,
4	47124338	1	NUT,
5	86010945	1	RING,
6	86011031	1	PIN, ROLL,
7	47124335	1	SLEEVE,
8	47124336	1	PIN,
9	47124337	1	PIN,
10	89515820	1	PIN, SPLIT (COTTER),
11	86011032	1	PIN,
12	86010948	1	SLEEVE,
13	86011042	1	RING, SNAP,
14	86010946	2	RING,
15	47124339	1	SPACER,
16	86010950	1	SPRING,
17	86011043	1	RING, SNAP,
18	47124340	1	SLEEVE,
19	5184533	1	CLIP,
20	47124341	1	CHAIN,
21	47124334	1	SLEEVE,
22	16043321	2	BOLT, Hex, M8 x 18, 8.8, Full Thd,
23	11193874	2	WASHER, SPRING, Belleville, M8.4,
24	16100811	2	NUT, M8, Cl 8,

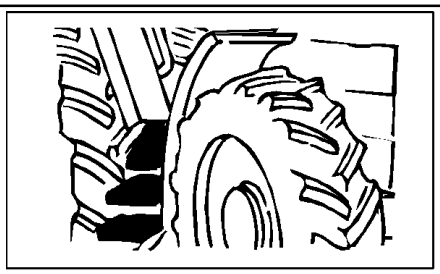

1.94.0
1.91.6
1.91.3
1.93.6
1.92.4
1.94.2
1.94.2
(CAB–FRAME) 1.92.1
1.93.6
1.91.7
1.92.6
1.92.6/1
1.93.5
1.91.7
1.93.1
1.92.5
1.94.2
1.92.6
1.92.6/1
1.93.2
1.90.2
1.90.2/1
1.92.6
1.92.6/1
1.92.4
1.92.4
1.92.2
1.91.5

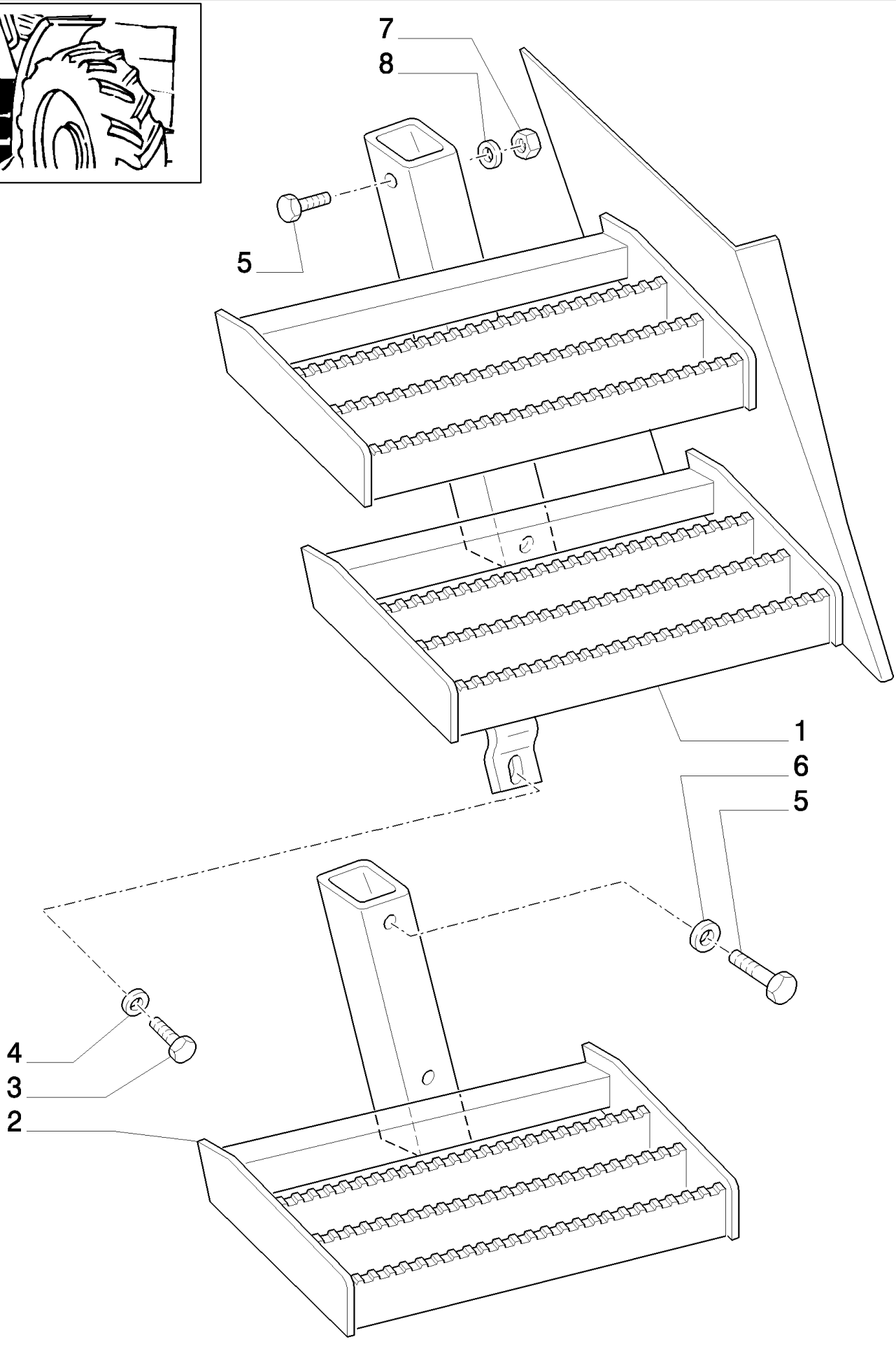
Ref	Part Number	Qty	Description


MISCELLANEUS
CAPS
1.96.7
1.91.1
1.91.1/1
1.97.1
1.97.0
1.93.0
1.91.7
1.96.3
1.93.0
1.96.2
1.95.4
1.95.4/1
1.97.0
1.96.0
1.96.0/1
1.91.6
1.95.0
1.95.0/1
1.91.4
1.91.7
Hour
Min.
1.93.5
1.91.0
1.95.5
1.95.5/1
1.93.3
1.91.1
1.91.1/1
1.95.2
1.95.2/1
1.95.0
1.95.4
1.95.4/1
1.95.1

Ref	Part Number	Qty	Description

1.90.2/01(01) FOOT STEP - C5406





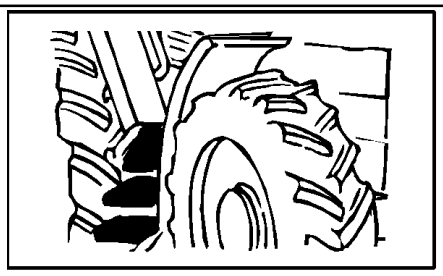
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

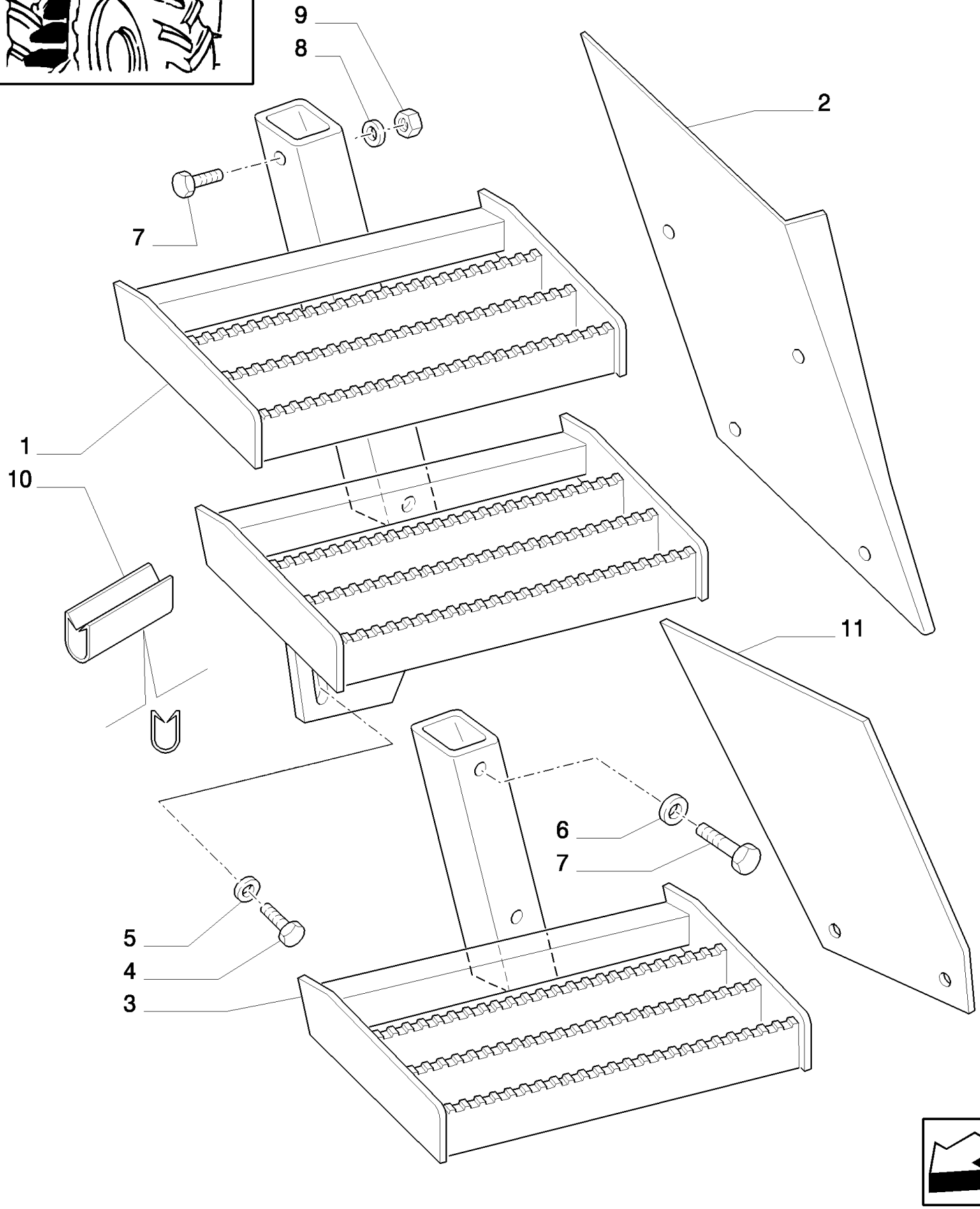
1.90.2/01(01) FOOT STEP - C5406

Ref	Part Number	Qty	Description
1	82025821	1	LADDER, LH
1	82025823	1	LADDER, RH
2	82018971	2	LADDER,
3	82010490	2	SCREW, M12X1,75X40
4	86511324	2	WASHER, M12 x 24 x 2.5,
5	11113821	2	BOLT, Hex, M12 x 80, 8.8,
5	11113831	2	BOLT, Hex, M12 x 80, 10.9,
6	83995286	2	BUSHING, 12,5X35
7	100038	2	NUT, LOCK, M12 x 1.75, Cl 8,
8	14496721	2	WASHER, M12 x 24 x 2.5,

C5406 Before Date 14 July 2004

1.90.2/01(01A) FOOT STEP - D5406





D5406 After Date 14 July 2004 D5407 After Date 17 July 2005

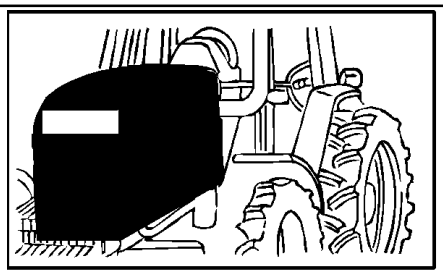
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

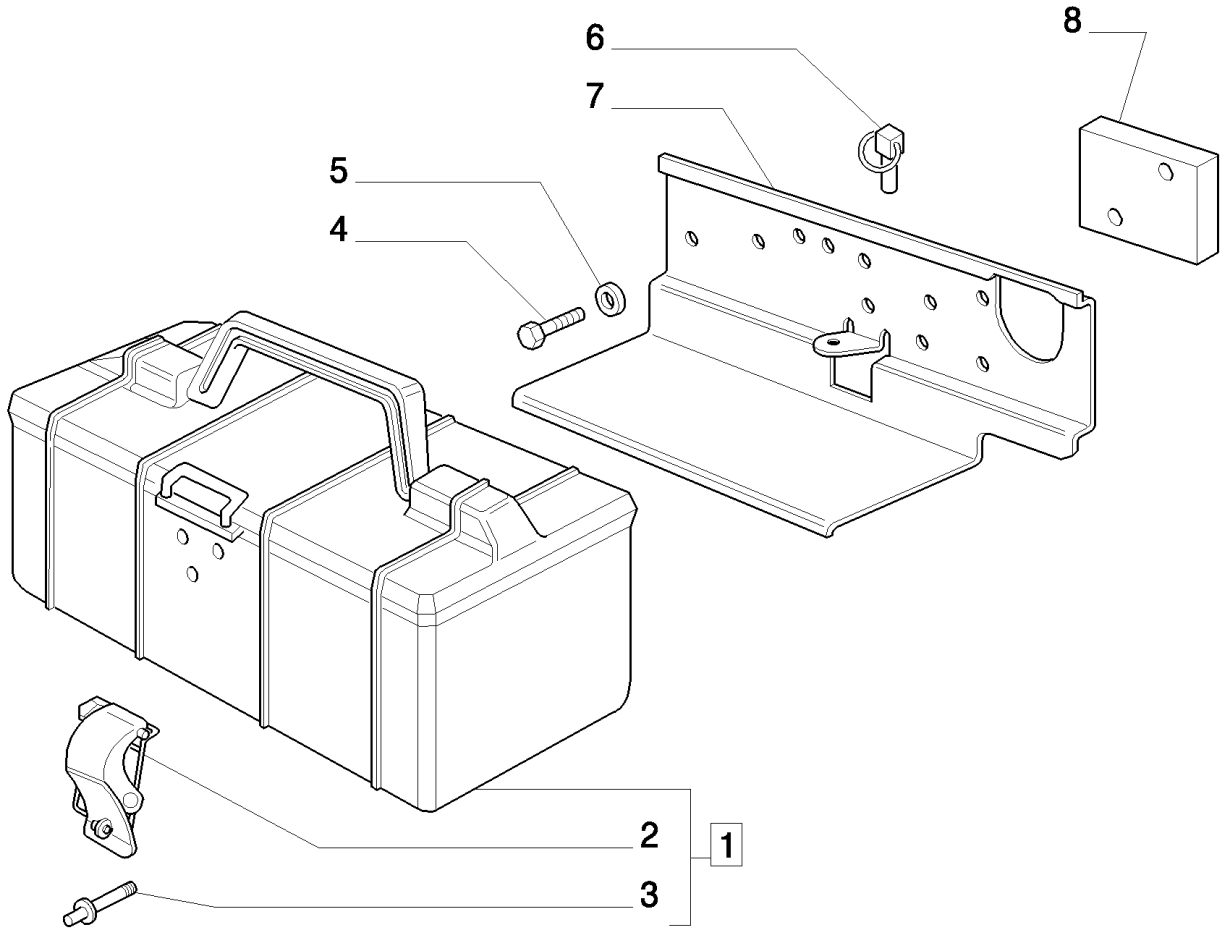
1.90.2/01(01A) FOOT STEP - D5406

Ref	Part Number	Qty	Description
1	82036803	1	FOOT BOARD, LH, Incl.2
1	82036805	1	FOOT BOARD, RH, Incl.2
2	82036810	1	PROTECTION PLATE, RH, Black
2	82035659	1	PROTECTION PLATE, LH, Black
3	82036807	2	FOOT BOARD, Black
4	82010490	2	SCREW, M12x1.75x40
5	14496701	2	WASHER, M12 x 24 x 2.5,
6	83995286	2	BUSHING,
7	11113821	2	BOLT, Hex, M12 x 80, 8.8,
7	11113834	2	BOLT, Hex, M12 x 80, 10.9, Full Thd,
8	81865231	2	WASHER, M12
9	100038	2	NUT, LOCK, M12 x 1.75, Cl 8,
10	83964601	2	MOLDING, 164-166MM, D5407-
11	87309788	2	PROTECTION PLATE, Black, D5407-

D5406 After Date 14 July 2004 D5407 After Date 17 July 2005

1.90.5 TOOL BOX



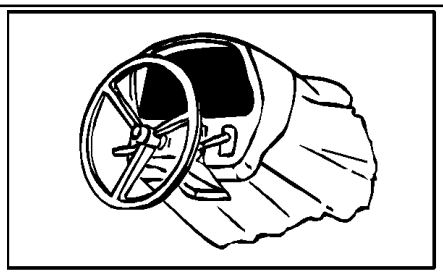


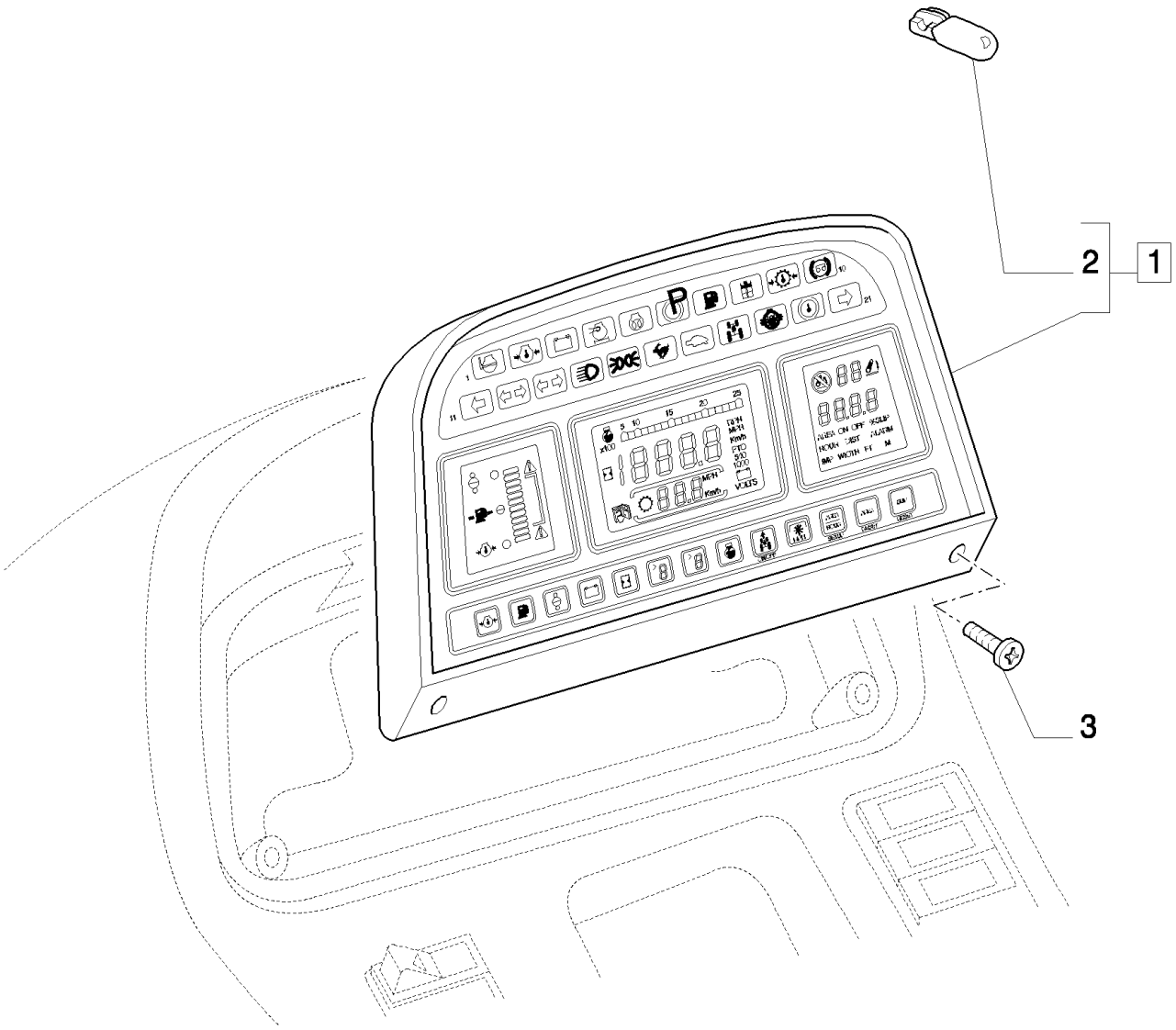
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.90.5 TOOL BOX

Ref	Part Number	Qty	Description
1	5135060	1	BOX, TOOL,
2	5135576	1	LATCH,
3	14641391	3	RIVET, Tr Hd, M3.2 x 8, Aluminum,
4	16043824	3	BOLT, Hex, M8 x 30, 8.8, Full Thd,
5	10516674	3	WASHER, LOCK,
6	82013836	1	PIN, LOCK,
7	87352406	1	SUPPORT,
8	82014586	1	PLATE,

1.91.0(03) INSTRUMENT CLUSTER, DIGITAL



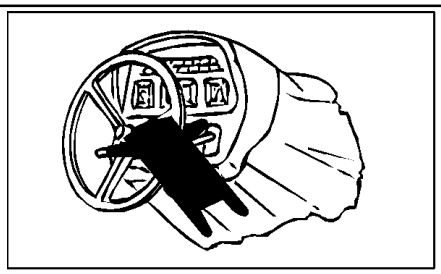


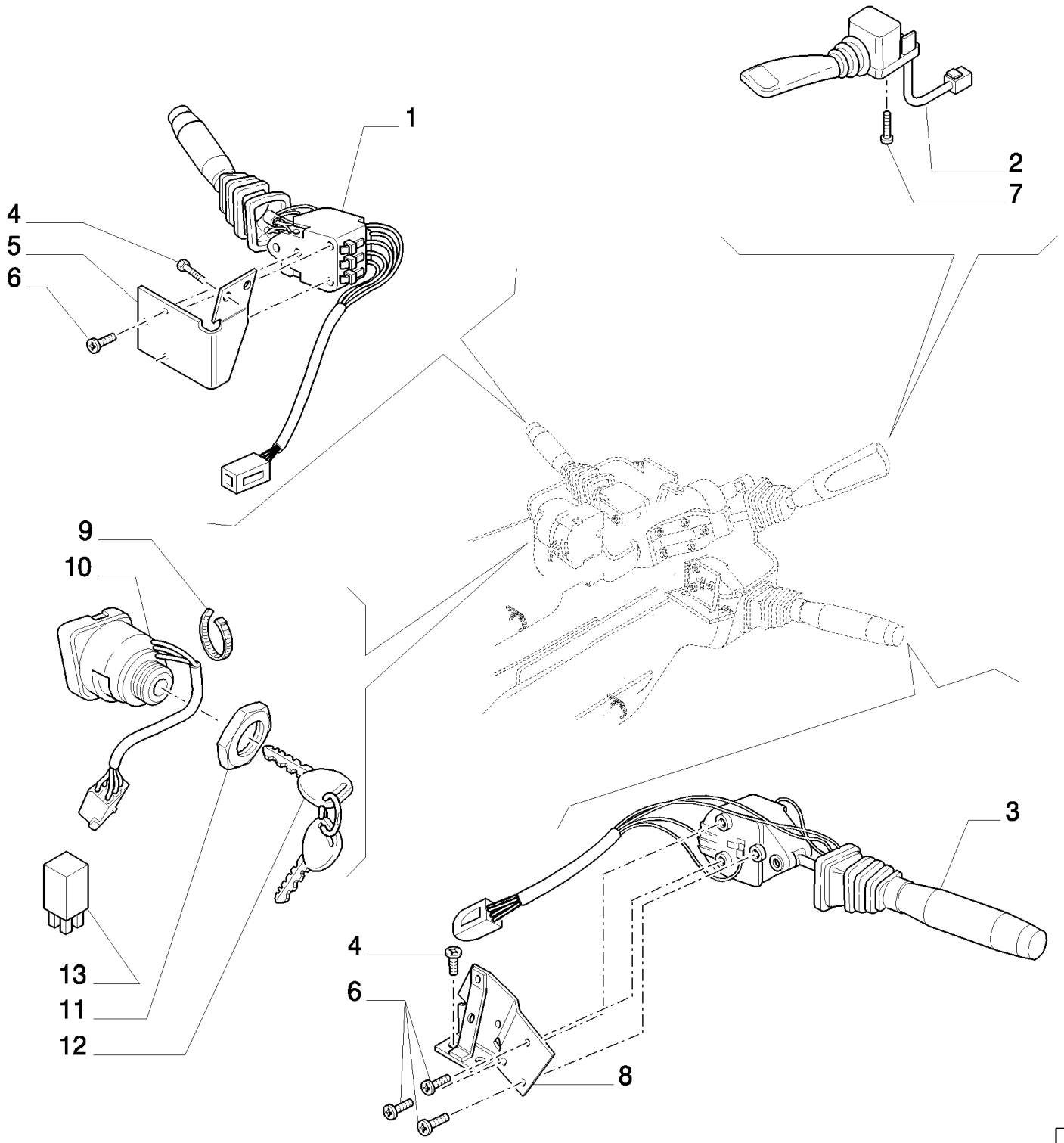
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.0(03) INSTRUMENT CLUSTER, DIGITAL

Ref	Part Number	Qty	Description
1	82035717	1	INSTRUMENT CLUSTER, MILES, A.D.I.C.
2	81864686	AR	BULB,
3	13272424	AR	SCREW, Cross Pan Hd, M4 x 20, 8.8,

1.91.1/01(01) SWITCH





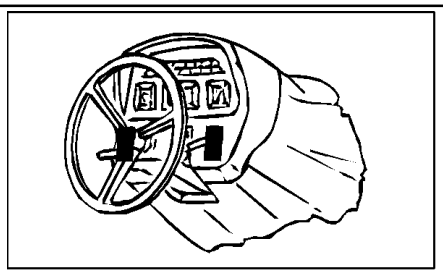
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

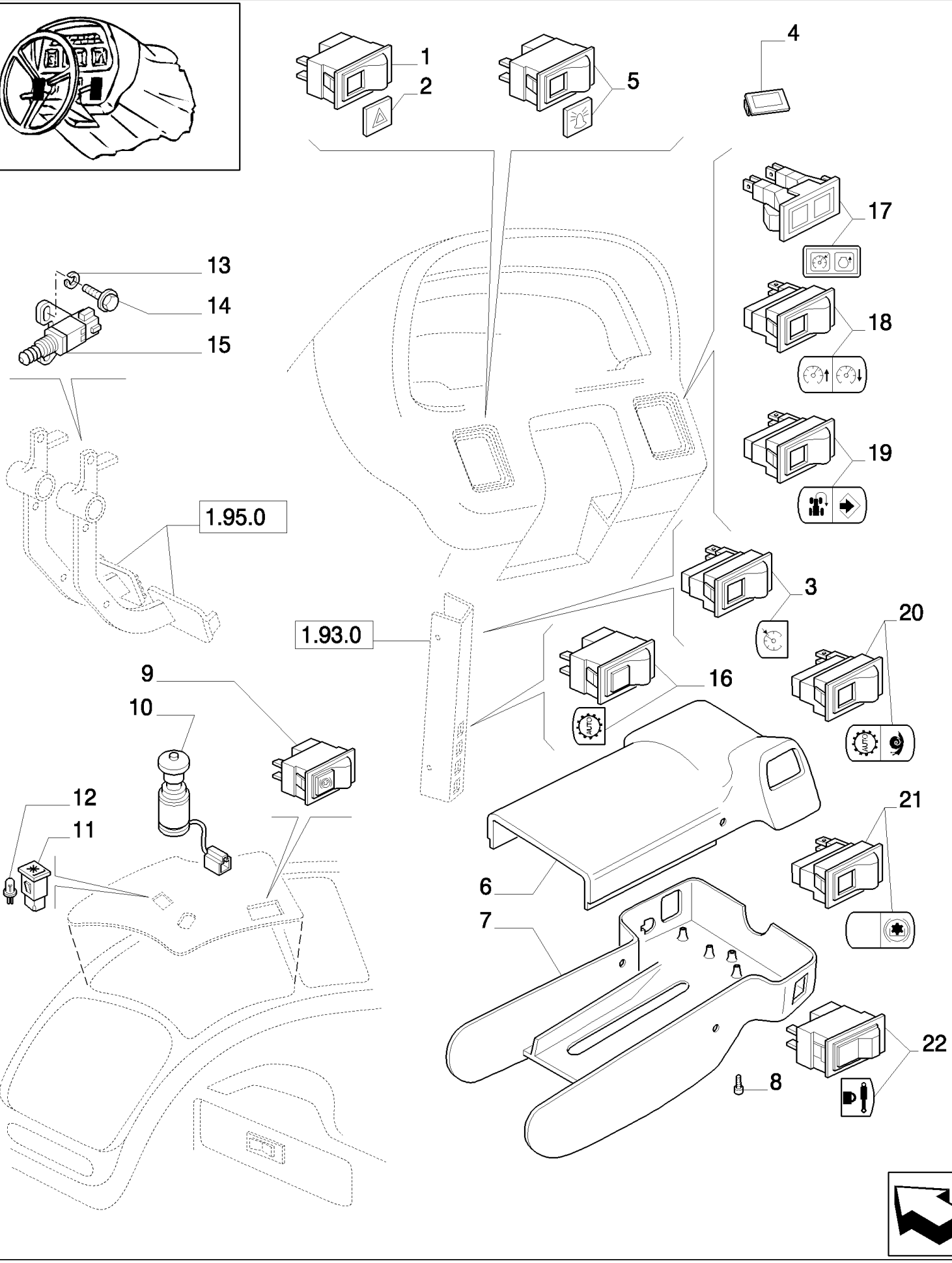
1.91.1/01(01) SWITCH

Ref	Part Number	Qty	Description
1	82011624	1	MODULE,
2	82034514	1	SWITCH, Forward/Reverse, BSN 223199
2	82034516	1	SWITCH, Forward/Reverse, ASN 223200
3	82015276	1	SWITCH, Flash
4	10979424	4	BOLT, Hex, M6 x 10, 8.8, Full Thd,
5	82005258	1	BRACKET, , BSN ACM254041
5	87313462	1	BRACKET, , ASN ACM254042
6	15902807	6	SCREW, SELF TAPPING, Cross Pan Hd, M3.5 x 22,
6	83912337	3	SCREW, SELF TAPPING, 6X22
7	82880745	3	SCREW, Pan Hd, W/Washer, M4X12, BSN 223199
7	82880745	1	SCREW, , ASN 223200
8	82015434	1	BRACKET, , BSN 223199
8	82034513	1	SUPPORT, , ASN 223200
9	529070	4	STRAP, CABLE, .30" x 14.5", 5/16" x 14-1/2"
10	82025888	1	SWITCH, Ignition
11	81864297	1	NUT,
12	82030143	2	KEY, IGNITION,
13	82003697	1	RELAY, Ignition Load

D4853 Serial N.223200 D5054 Serial N.ACM254042

1.91.1/01(02) SWITCH

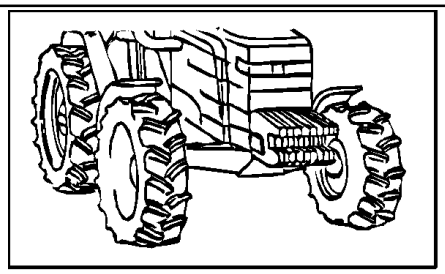


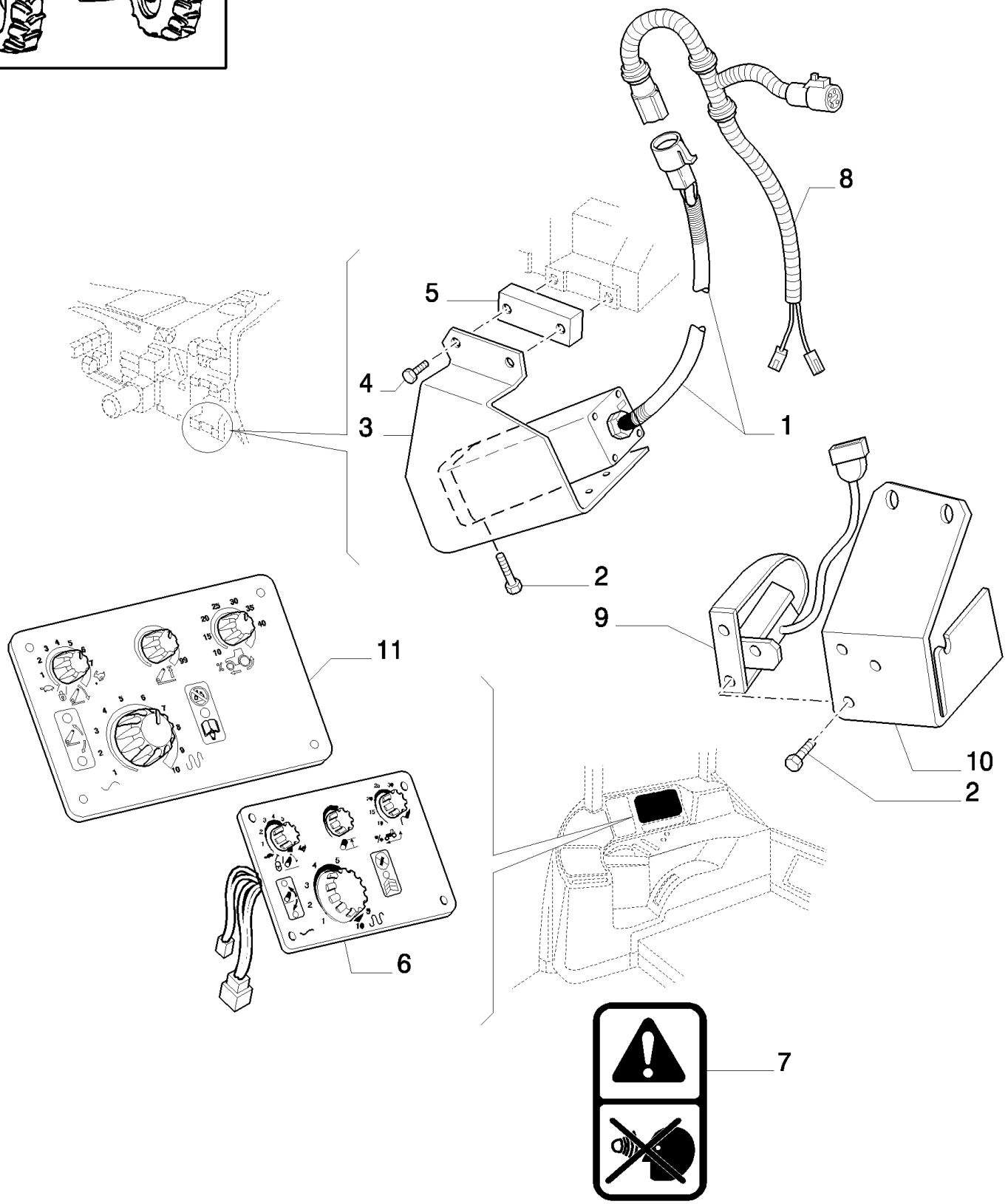


1.91.1/01(02) SWITCH

Ref	Part Number	Qty	Description
1	5150954	1	SWITCH, FLASHER,
2	5150933	1	PLATE, COVER, Emergency Lights
3	82024584	1	SWITCH, Constant RPM
4	5151033	3	BLANK-OFF PLUG,
5	82007618	1	SWITCH, Beacon
6	82014494	1	COVER, Upper, BSN 223199
6	82034647	1	COVER, Upper, ASN 223200
7	82007773	1	COVER, Lower
8	86511830	6	SCREW, Cross Pan Hd, M6 x 20,
9	82007112	1	SWITCH, PTO Brake
10	82022771	1	SWITCH, PTO
11	81869846	1	LAMP, PTO Speed Selector
12	14143990	1	BULB, 12V-3W
13	89824840	4	WASHER, M4
14	14303324	4	SCREW, Hex Soc Hd, M4 x 20, 8.8, Full Thd,
15	82026949	2	SWITCH, Brake
16	82026205	1	SWITCH, Trans Auto Function
17	82029423	1	BULB, ERPM/Boost
18	82018923	1	SWITCH, ERPM Up/Down
19	82024574	1	SWITCH, Headland Turn
20	82024591	1	SWITCH, Auto/Creeper, W/EQUIP.146/1 AUTO/CREEPER
21	82036257	1	SWITCH, , ASN 238973
22	87302806	1	SWITCH, EHR Lock, W/EQUIP.481, HI FLOW PUMP

1.91.1/02 (VAR.743) RADAR UNIT - JAPAN





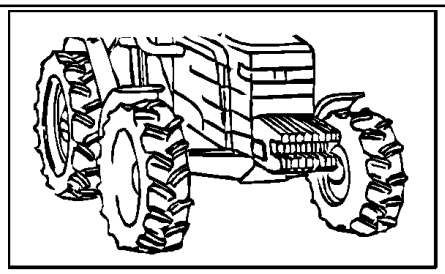
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

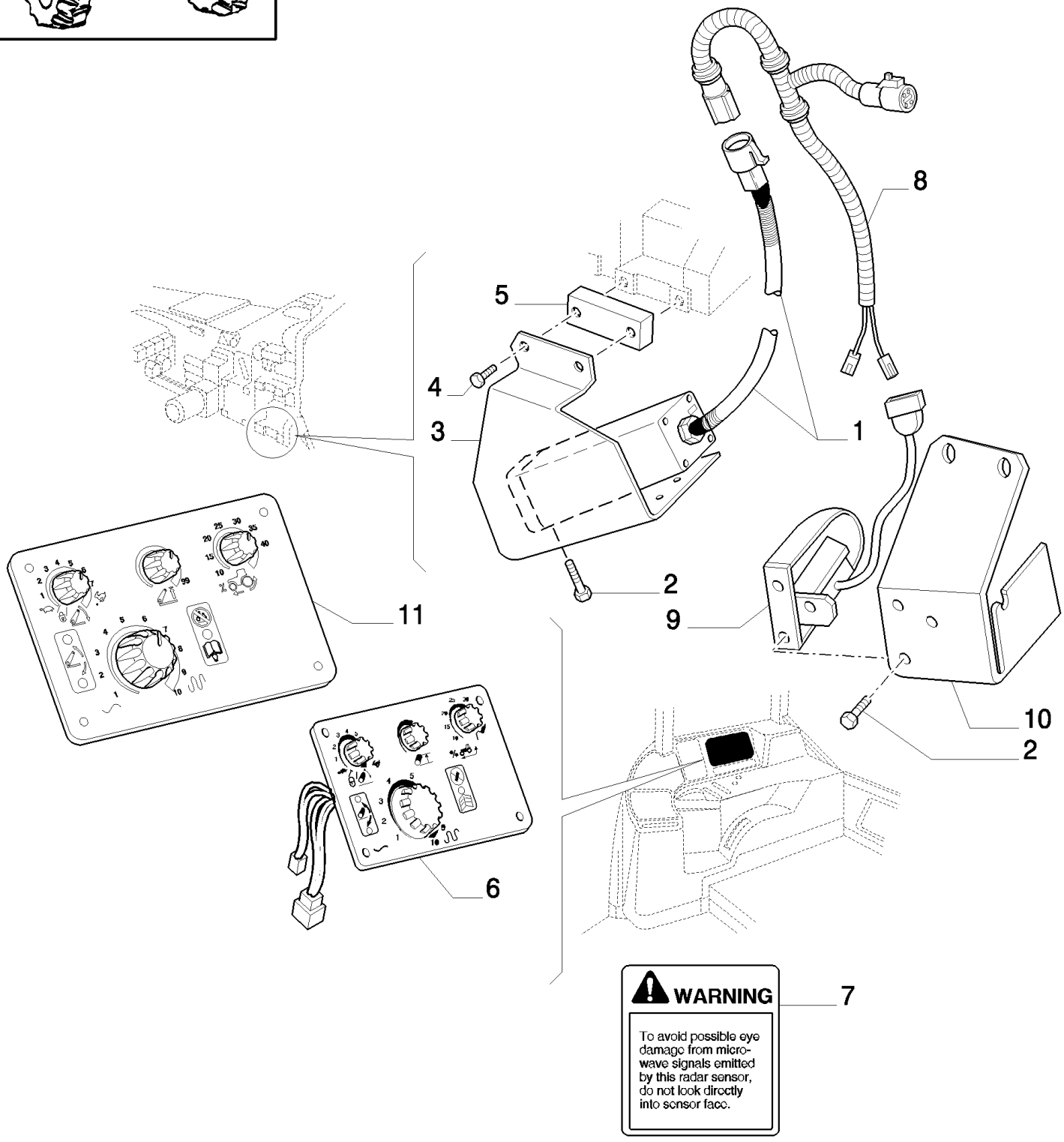
1.91.1/02 (VAR.743) RADAR UNIT - JAPAN

Ref	Part Number	Qty	Description
1	82021164	1	RADAR, , BSN ACM272692
2	88542	4	BOLT, Hex, 1/4"-20 x 1/2", G5, Full Thd,
3	82017858	1	BRACKET, TM120-TM130-TM140-TM155, BSN ACM272692
3	82012458	1	SUPPORT, TM175-TM190, BSN ACM272692
4	11124921	2	BOLT, Hex, M20 x 60, 8.8,
5	82017860	1	SPACER,
6	82024843	1	PANEL, , -C5321
7	82002071	1	DECAL, WARNING, Radar
8	86513451	1	HARNESS, WIRE, Radar Adapter (Equip.464)
9	87367899	1	RADAR, , ASN ACM272693
10	87367907	1	BRACKET, TM120-TM130-TM140-TM155, ASN ACM272693
10	87367905	1	BRACKET, TM175-TM190, ACM272693-C5415
10	87565942	1	BRACKET, TM175-TM190, D5415-
11	87397176	1	PANEL, , D5321-C5425
11	87530850	1	PANEL, , D5425-

D5306 Serial N.ACM272693 D5321 After Date 17 January 2006 D5415 After Date 20 July 2006 D5425 After Date 12 January 2007

1.91.1/03 (VAR.743/1) RADAR UNIT - NHA





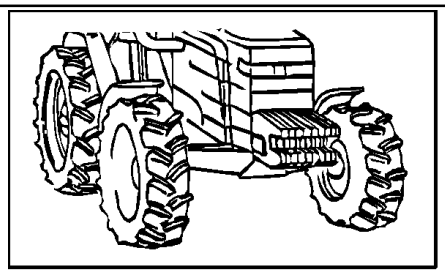
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

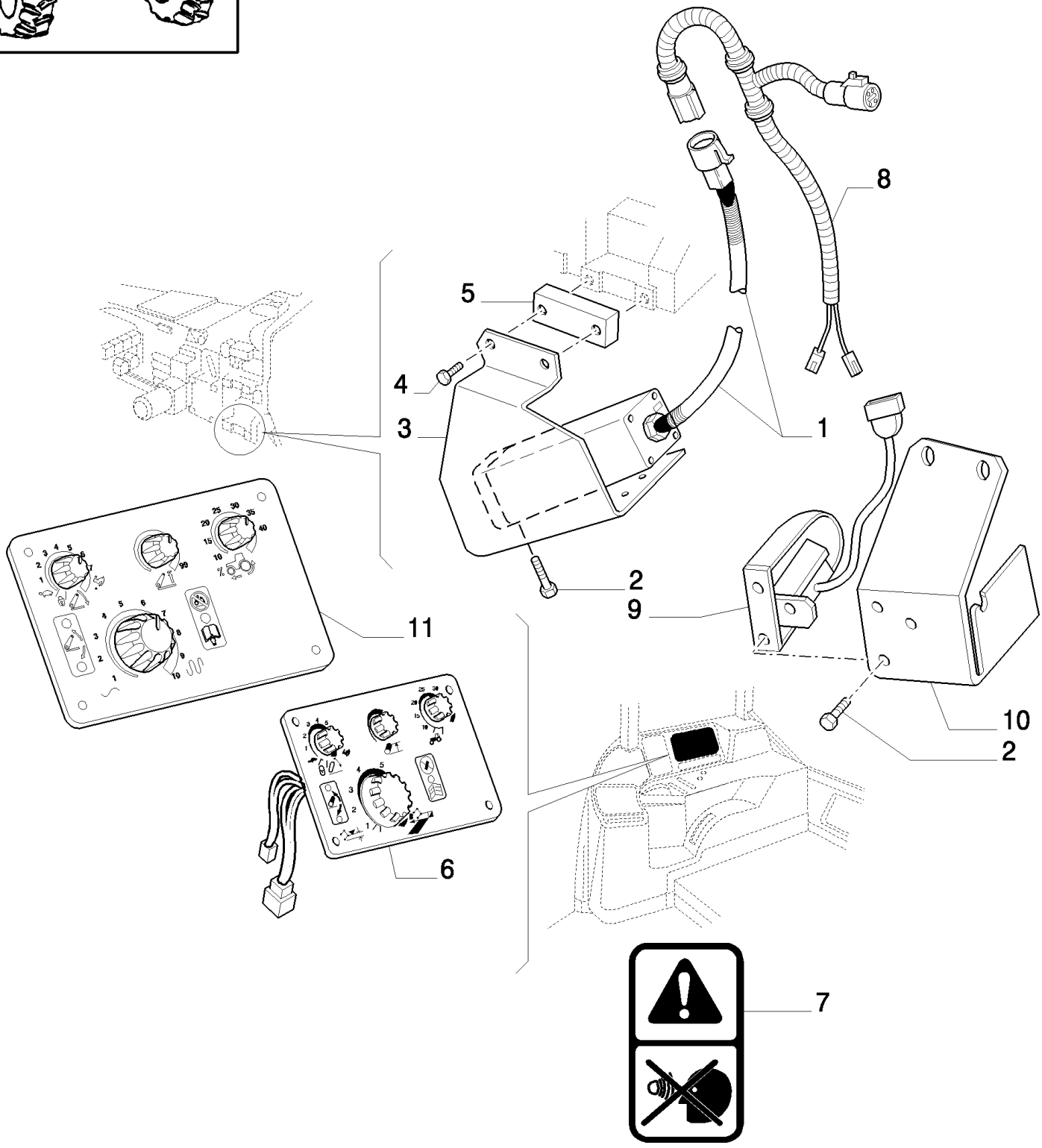
1.91.1/03 (VAR.743/1) RADAR UNIT - NHA

Ref	Part Number	Qty	Description
1	82021163	1	RADAR, , BSN ACM272692
2	88542	4	BOLT, Hex, 1/4"-20 x 1/2", G5, Full Thd,
3	82017858	1	BRACKET, TM120-TM130-TM140-TM155, BSN ACM272692
3	82012458	1	SUPPORT, TM175-TM190, BSN ACM272692
4	11124921	2	BOLT, Hex, M20 x 60, 8.8,
5	82017860	1	SPACER,
6	82024843	1	PANEL, , C5321-
7	82029314	1	DECAL, WARNING, Radar
7	82025618	1	DECAL, Radar, French, D5415-
7	82025619	1	DECAL, Radar, Spanish, D5415-
8	86513451	1	HARNESS, WIRE, Radar Adapter (Equip.464)
9	87367901	1	RADAR, , ASN ACM272693
10	87367903	1	BRACKET, TM120-TM130-TM140-TM155, ASN ACM272693
10	87367905	1	BRACKET, TM175-TM190, ACM272693-C5415
10	87565942	1	BRACKET, TM175-TM190, D5415-
11	87397176	1	PANEL, , D5321-C5425
11	87530850	1	PANEL, , D5425-

D5306 Serial N.ACM272693 D5321 After Date 17 January 2006 D5415 After Date 20 July 2006 D5425 After Date 12 January 2007

1.91.1/04 (VAR.749) RADAR UNIT - UK





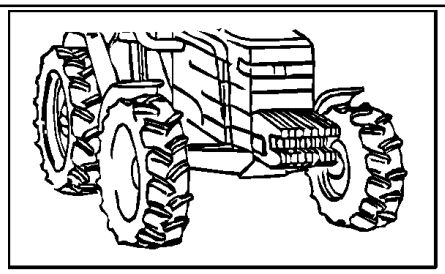
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

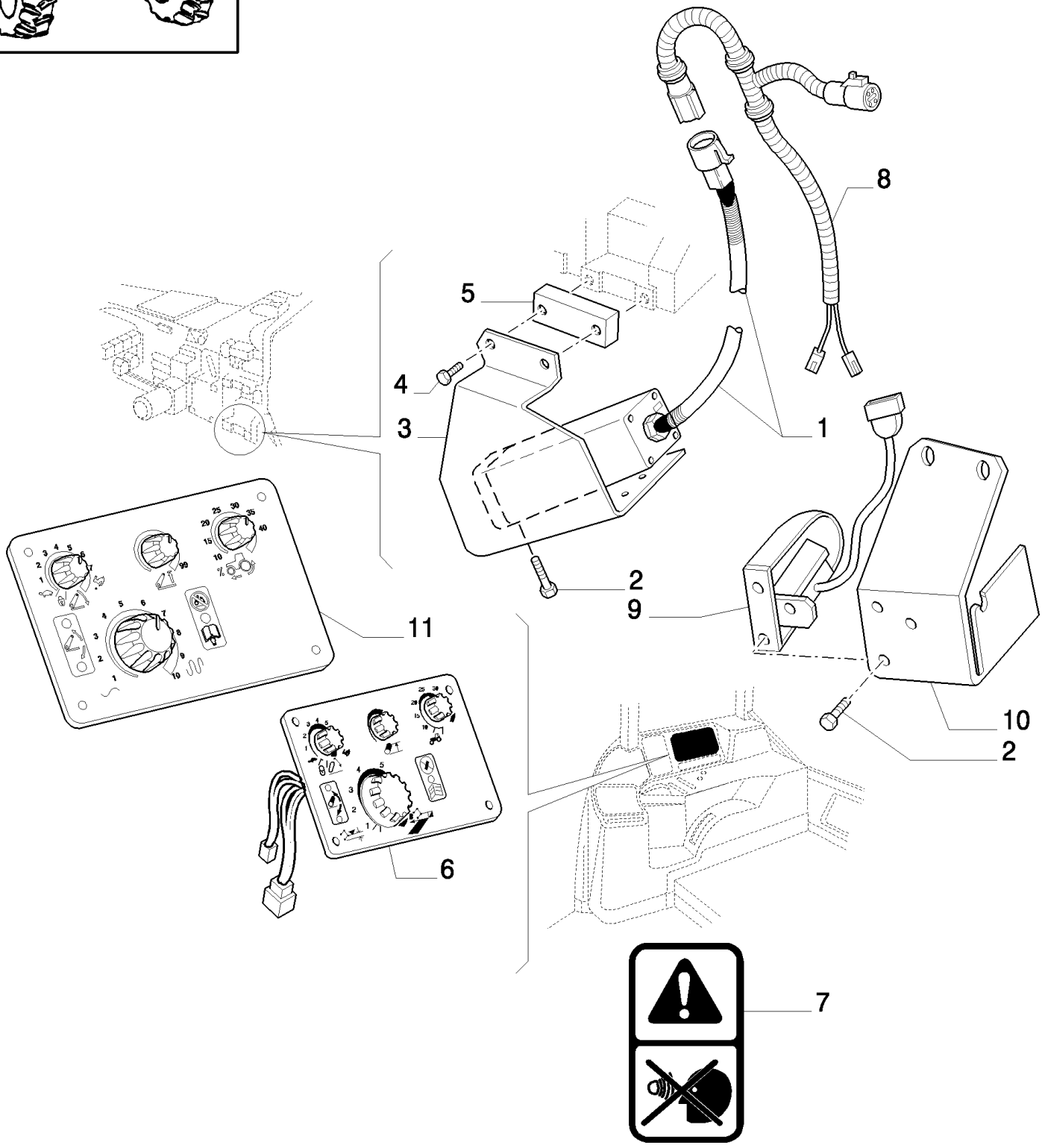
1.91.1/04 (VAR.749) RADAR UNIT - UK

Ref	Part Number	Qty	Description
1	82021162	1	RADAR, , BSN ACM272692
2	88542	4	BOLT, Hex, 1/4"-20 x 1/2", G5, Full Thd,
3	82017858	1	BRACKET, TM120-TM130-TM140-TM155, BSN ACM272692
3	82012458	1	SUPPORT, TM175-TM190, BSN ACM272692
4	11124921	2	BOLT, Hex, M20 x 60, 8.8,
5	82017860	1	SPACER,
6	82024843	1	PANEL, , -C5321
7	82002071	1	DECAL, WARNING, Radar
8	86513451	1	HARNESS, WIRE, Radar Adapter (Equip.464)
9	87367898	1	RADAR, , ASN ACM272693
10	87367903	1	BRACKET, TM120-TM130-TM140-TM155, ASN ACM272693
10	87367905	1	BRACKET, TM175-TM190, ACM272693-C5415
10	87565942	1	BRACKET, TM175-TM190, D5415-
11	87397176	1	PANEL, , D5321-C5425
11	87530850	1	PANEL, , D5425-

D5306 Serial N.ACM272693 D5321 After Date 17 January 2006 D5415 After Date 20 July 2006 D5425 After Date 12 January 2007

1.91.1/05 (VAR.753) RADAR FOR ALL COUNTRIES EXCEPT UK/AMERICA/JAPAN





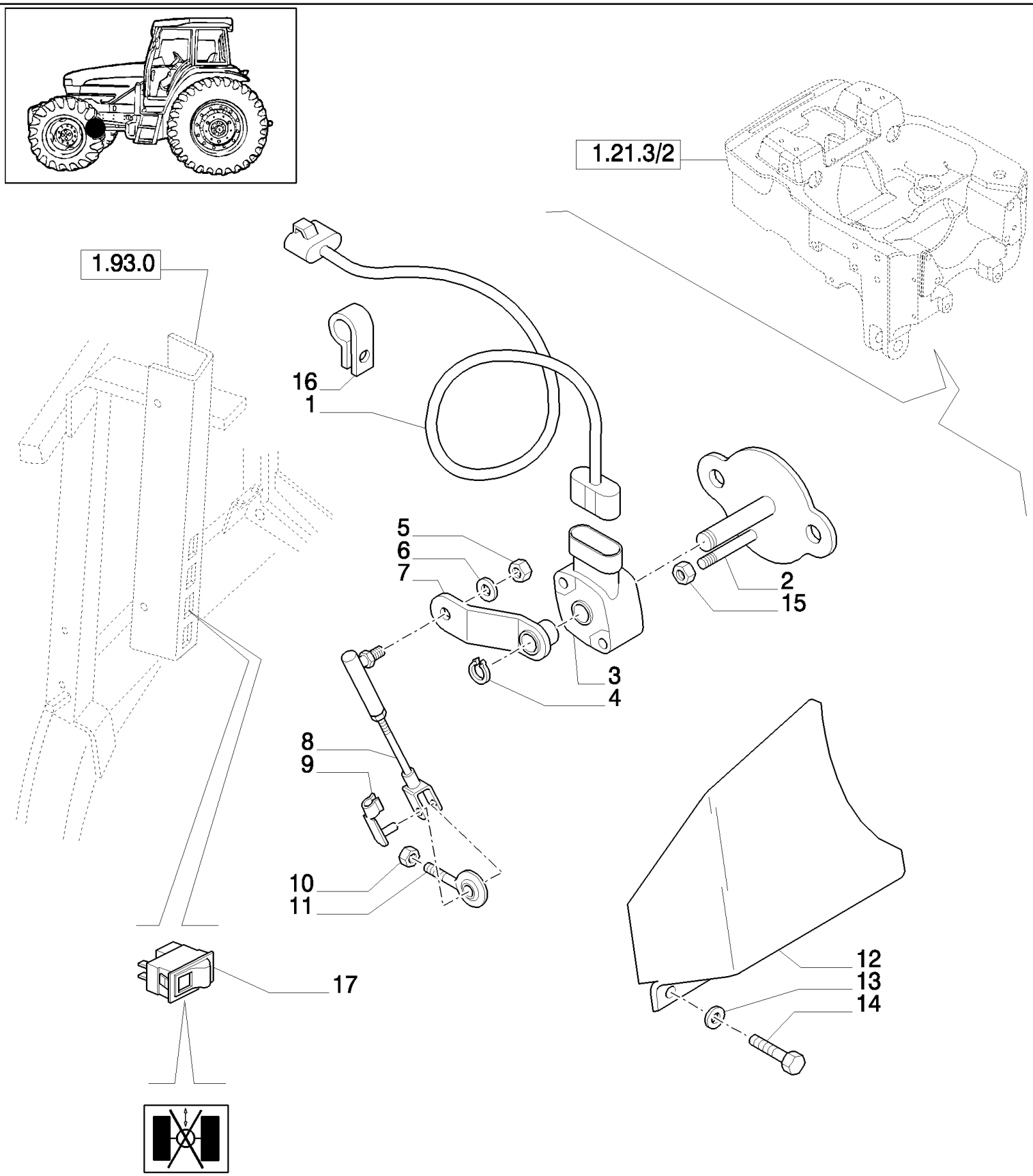
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.1/05 (VAR.753) RADAR FOR ALL COUNTRIES EXCEPT UK/AMERICA/JAPAN

Ref	Part Number	Qty	Description
1	82021163	1	RADAR, , BSN ACM272692
2	88542	4	BOLT, Hex, 1/4"-20 x 1/2", G5, Full Thd,
3	82017858	1	BRACKET, TM120-TM130-TM140-TM155, BSN ACM272692
3	82012458	1	SUPPORT, TM175-TM190, BSN ACM272692
4	11124921	2	BOLT, Hex, M20 x 60, 8.8,
5	82017860	1	SPACER,
6	82024843	1	PANEL, , -C5321
7	82002071	1	DECAL, WARNING, Radar
7	82025618	1	DECAL, Radar, French, D5415-
7	82025619	1	DECAL, Radar, Spanish, D5415-
8	86513451	1	HARNESS, WIRE, Radar Adapter (Equip.464)
9	87367901	1	RADAR, , ASN ACM272693
10	87367903	1	BRACKET, TM120-TM130-TM140-TM155, ASN ACM272693
10	87367905	1	BRACKET, TM175-TM190, ACM272693-C5415
10	87565942	1	BRACKET, , D5415-
11	87397176	1	PANEL, , D5321-C5425
11	87530850	1	PANEL, , D5425-

D5306 Serial N.ACM272693 D5321 After Date 17 January 2006 D5415 After Date 20 July 2006 D5425 After Date 12 January 2007

1.91.1/08 (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - SWITCH

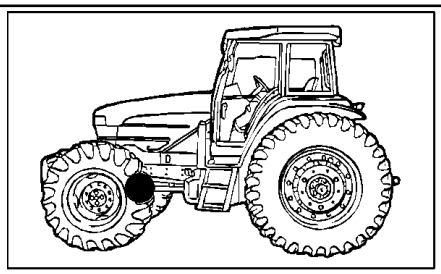


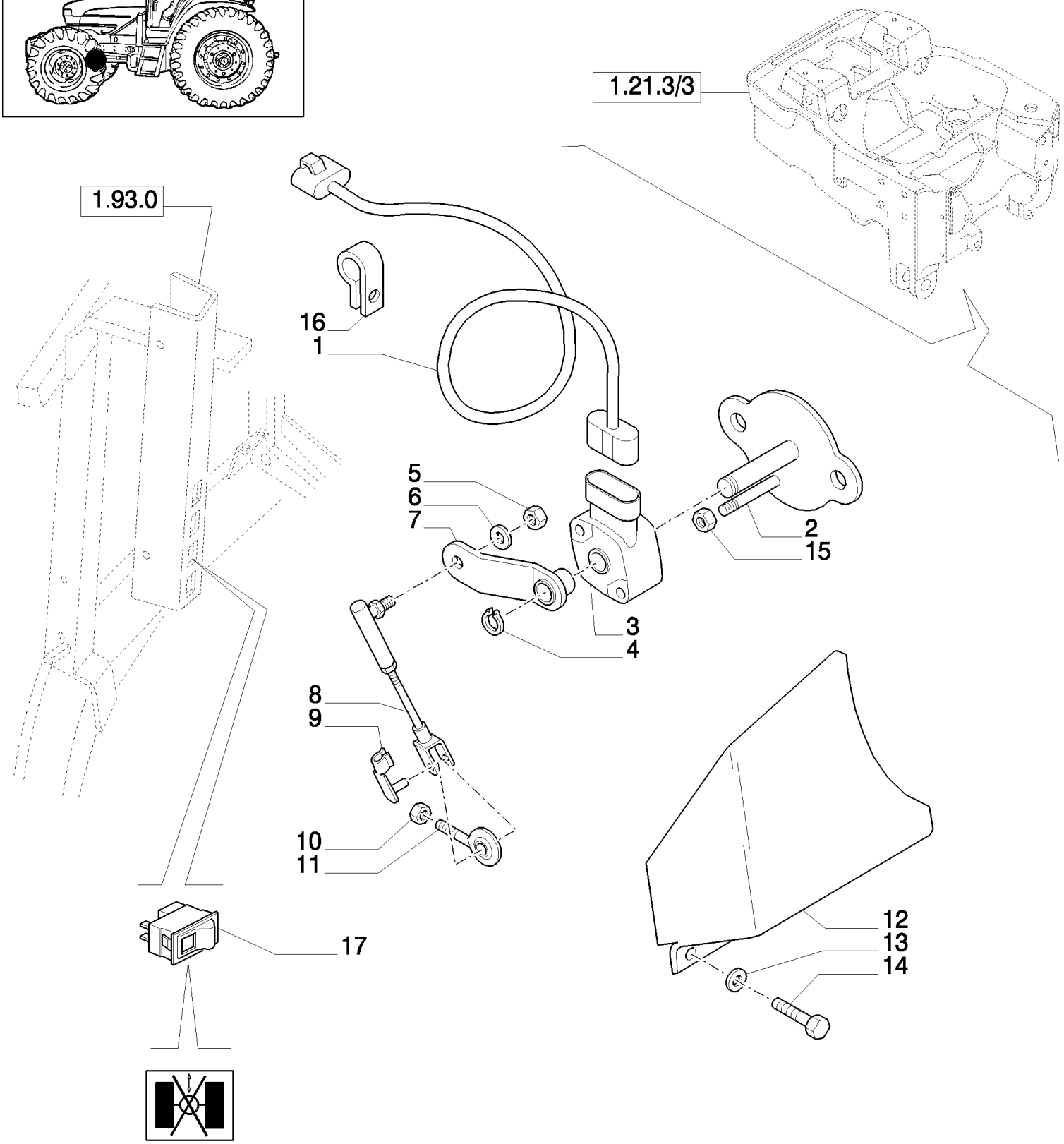
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.1/08 (VAR.463) 4WD FRONT AXLE WITH SUSPENSIONS, FULL POWER SHIFT - SWITCH

Ref	Part Number	Qty	Description
1	82022099	1	HARNESS, WIRE,
2	82016941	1	BRACKET,
3	87543715	1	POTENTIOMETER, Rotary Position Sensor
4	11087871	1	CIRCLIP, M7,
5	12574211	1	NUT, LOCK, M6 x 1, Cl 8,
6	9824259	1	WASHER, M6 x 12 x 1.6,
7	82016939	1	ARM,
8	82016945	1	LINK,
9	82016944	1	PIN,
10	82879533	1	NUT, M6
11	82016943	1	BALL JOINT,
12	82022043	1	GUARD,
13	10615474	6	WASHER, LOCK, Ext Tooth, M6,
14	10902124	6	BOLT, Hex, M6 x 14, 8.8, Full Thd,
15	12574111	1	NUT, LOCK, M5 x .8, Cl 8,
16	10441490	2	RETAINER,
17	82020403	1	SWITCH, Suspension Lock

1.91.1/09 (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - SWITCH



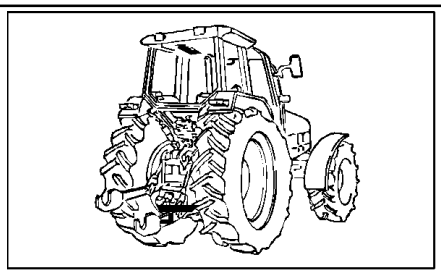


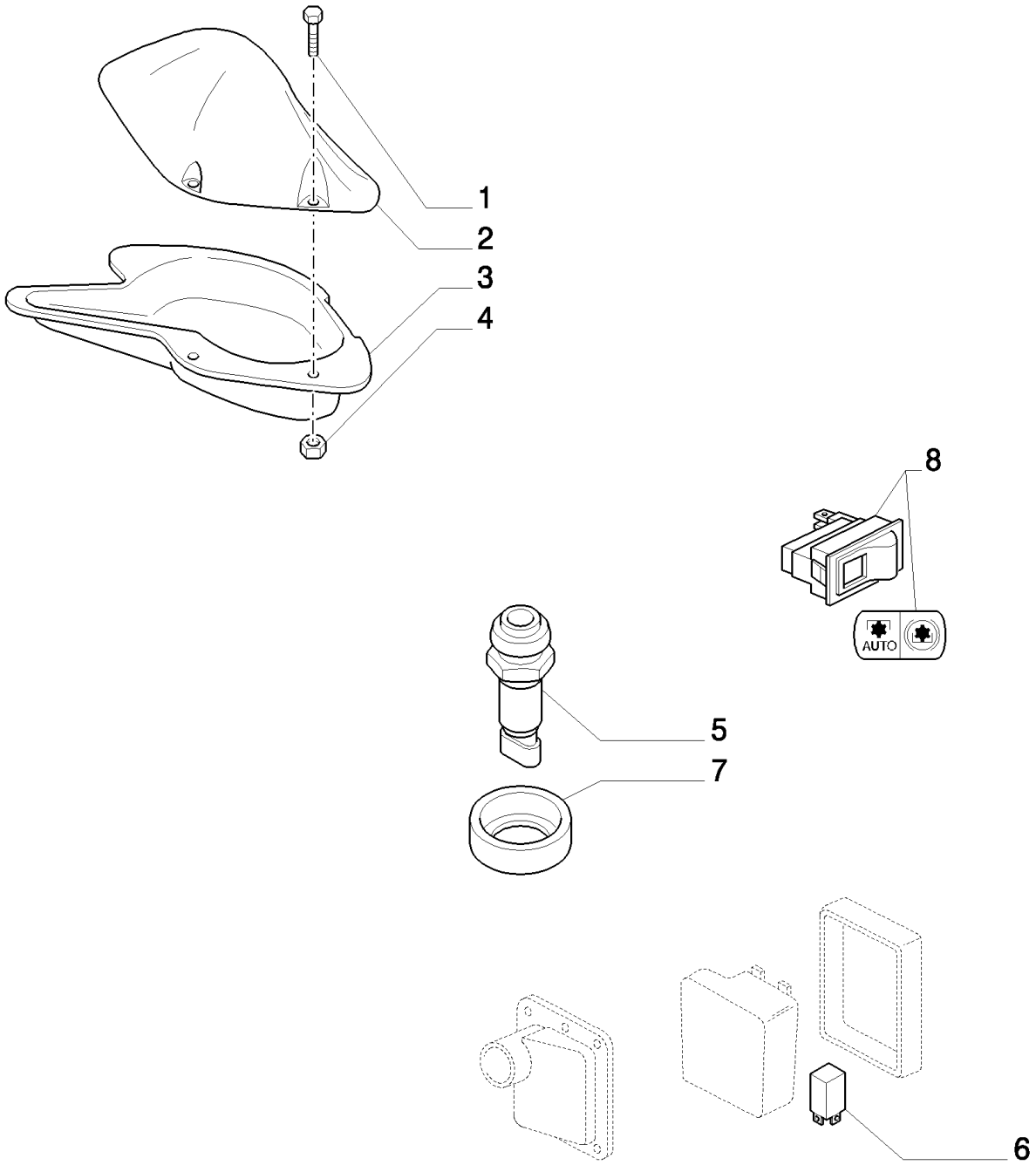
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.1/09 (VAR.463/1) 4WD FRONT AXLE WITH SUSPENSIONS, BRAKE, TERRALOCK, F.P.S. - SWITCH

Ref	Part Number	Qty	Description
1	82022099	1	HARNESS, WIRE,
2	82016941	1	BRACKET,
3	87543715	1	POTENTIOMETER, Rotary Position Sensor
4	11087871	1	CIRCLIP, M7,
5	12574211	1	NUT, LOCK, M6 x 1, Cl 8,
6	9824259	1	WASHER, M6 x 12 x 1.6,
7	82016939	1	ARM,
8	82016945	1	LINK,
9	82016944	1	PIN,
10	82879533	1	NUT, M6
11	82016943	1	BALL JOINT,
12	82022043	1	GUARD,
13	10615474	6	WASHER, LOCK, Ext Tooth, M6,
14	10902124	6	BOLT, Hex, M6 x 14, 8.8, Full Thd,
15	12574111	1	NUT, LOCK, M5 x .8, Cl 8,
16	10441490	2	RETAINER,
17	82020403	1	SWITCH, Suspension Lock

1.91.1/10(02) (VAR.838) OUTER PTO CONTROL MOUNTED ON MUDGUARDS

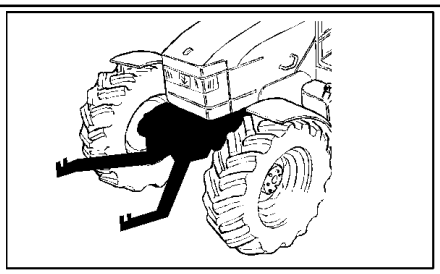


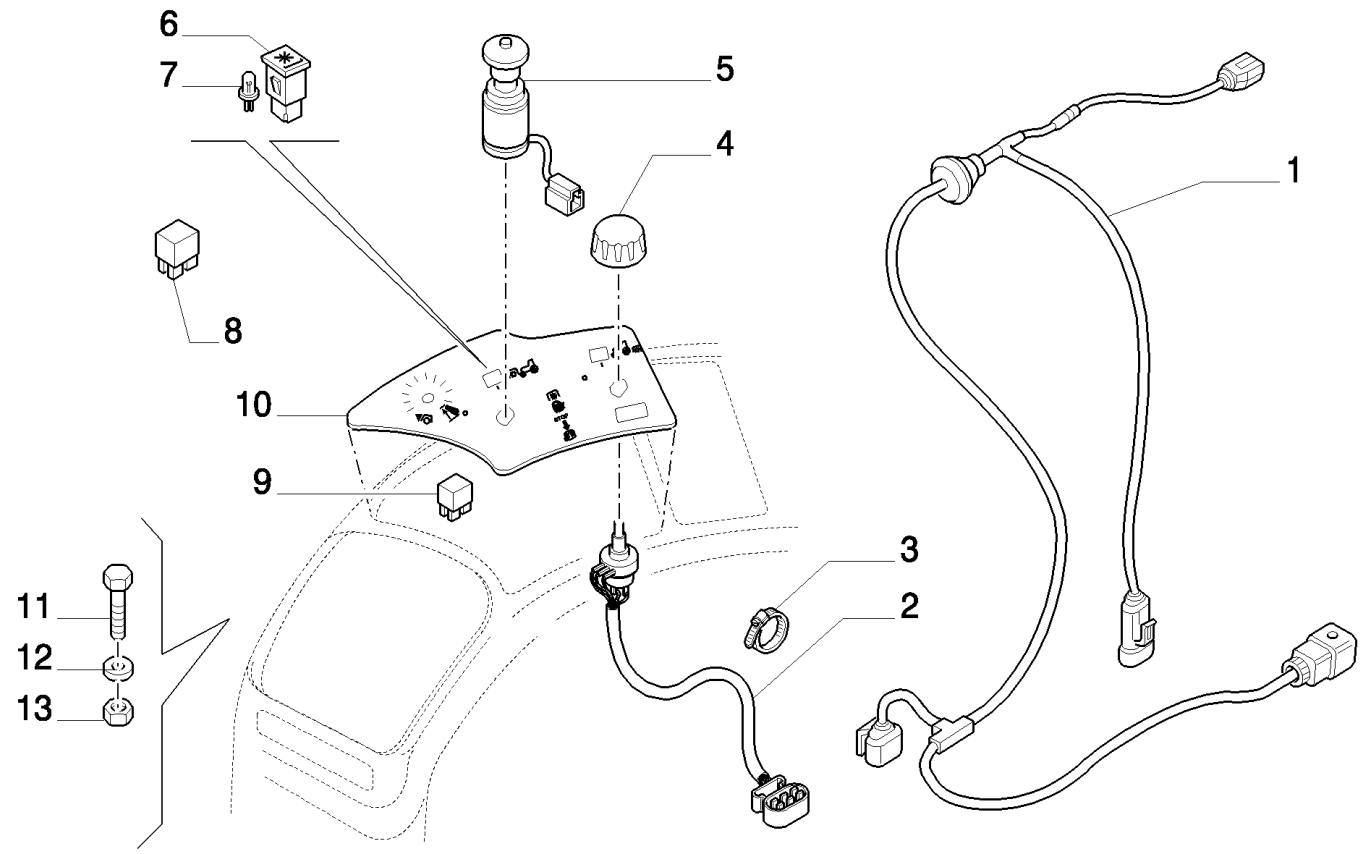


1.91.1/10(02) (VAR.838) OUTER PTO CONTROL MOUNTED ON MUDGUARDS

Ref	Part Number	Qty	Description
1	9636705	6	SCREW,
2	82034392	1	COVER, RH
2	82034393	1	COVER, LH
3	82019040	1	COVER, RH
3	82019041	1	COVER, LH
4	81872135	6	NUT,
5	82025543	2	SWITCH, External PTO
6	82003697	1	RELAY, Ignition Load
7	82013932	2	PANEL,
8	82036041	1	SWITCH, , ASN 238973

1.91.1/11 (VAR.780-781) LIFT AND FRONT PTO (WITH 6 - 21 SPLINES) CCLS - SWITCH AND WIRES

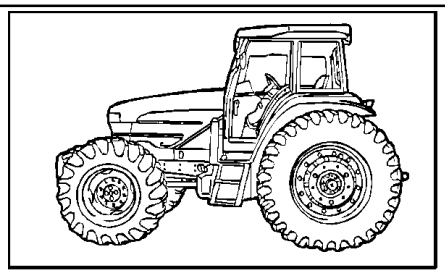


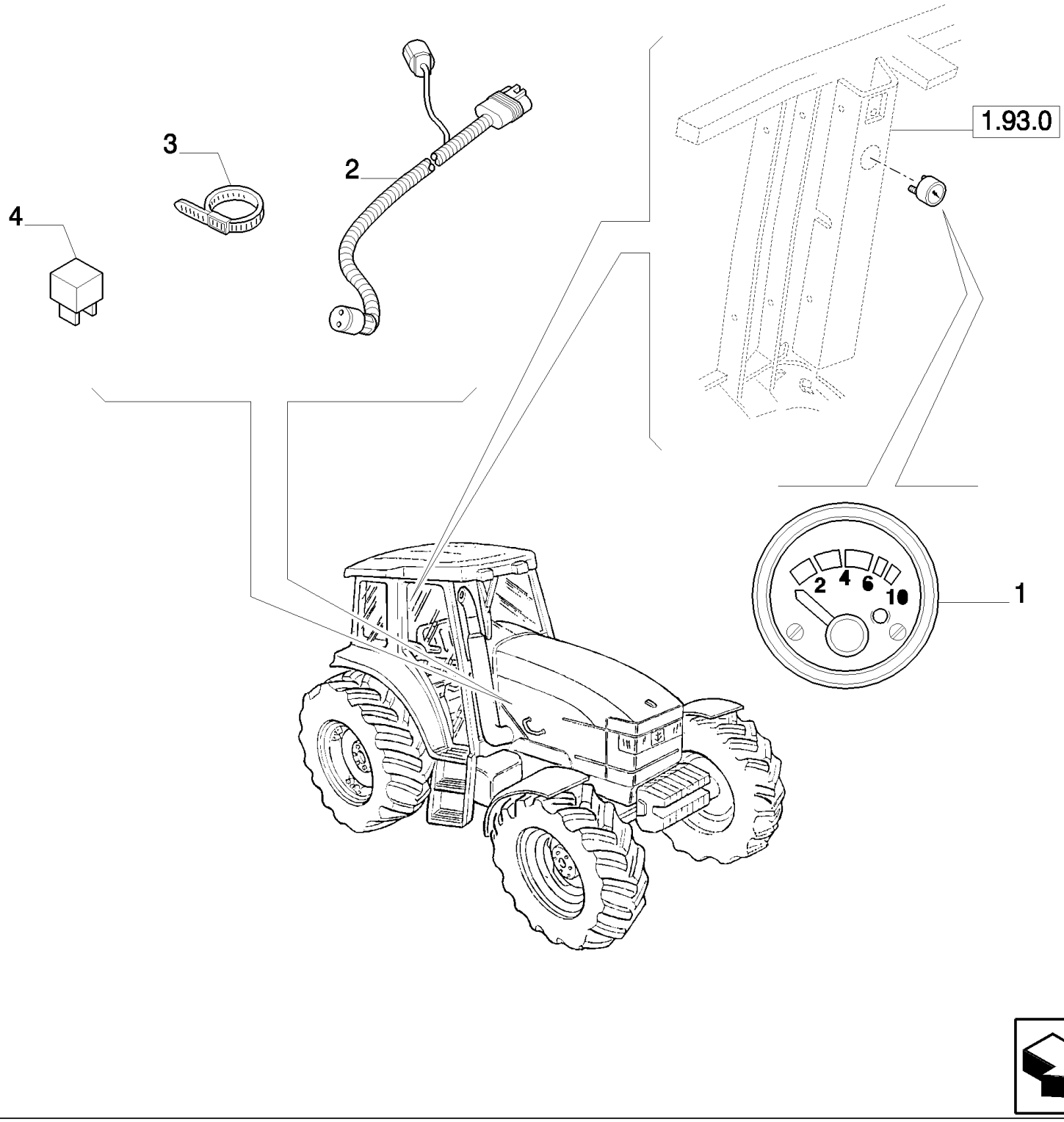


1.91.1/11 (VAR.780-781) LIFT AND FRONT PTO (WITH 6 - 21 SPLINES) CCLS - SWITCH AND WIRES

Ref	Part Number	Qty	Description
1	82019939	1	CABLE, ELECTRIC,
2	82006115	1	POTENTIOMETER,
3	263117	7	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
4	82018916	1	KNOB,
5	82024183	1	SWITCH, Front PTO
6	81869846	1	LAMP,
7	14143990	1	BULB, 12V-3W
8	82011707	1	MODULE, PTO Control
9	82006159	1	SWITCH, REMOTE CONTROL,
10	82014262	1	DECAL, , BSN ACM265008
10	87363484	1	DECAL, , ASN ACM265009
11	13274877	2	SCREW, Cross Pan Hd, M5 x 30,
12	14496301	2	WASHER, 5X10
13	12574111	2	NUT, LOCK, M5 x .8, Cl 8,

1.91.1/12 (VAR.178-385-385/1-385/2) TRAILER AIR BRAKE UK - PRESSURE GAUGE AND RELEVANT PARTS



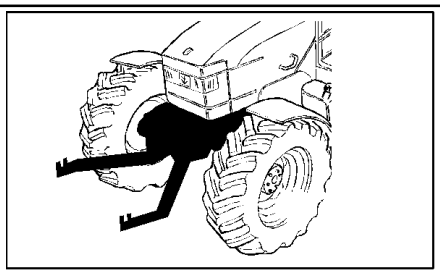


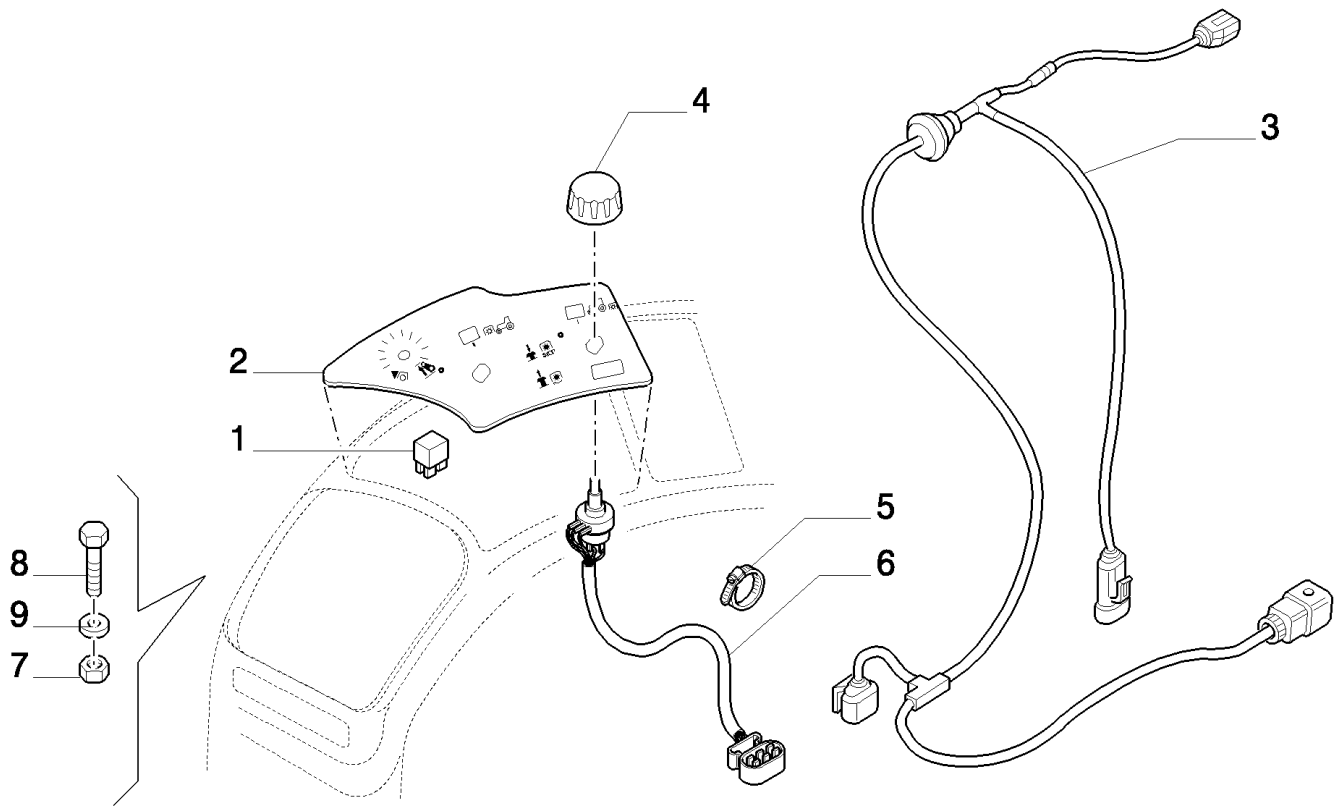
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.1/12 (VAR.178-385-385/1-385/2) TRAILER AIR BRAKE UK - PRESSURE GAUGE AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	82011332	1	INSTRUMENT, MEASURING,
2	82018861	1	CABLE, ELECTRIC,
3	5112712	10	STRAP, CABLE, M4.8 x 283, 3"
4	83990086	1	RELAY, 20 AMP

1.91.1/13 (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - SWITCH AND CABLES

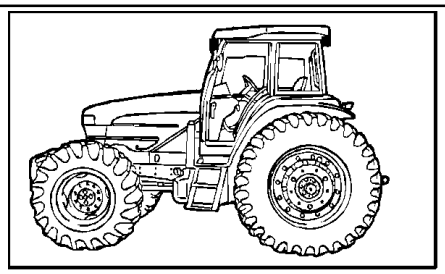


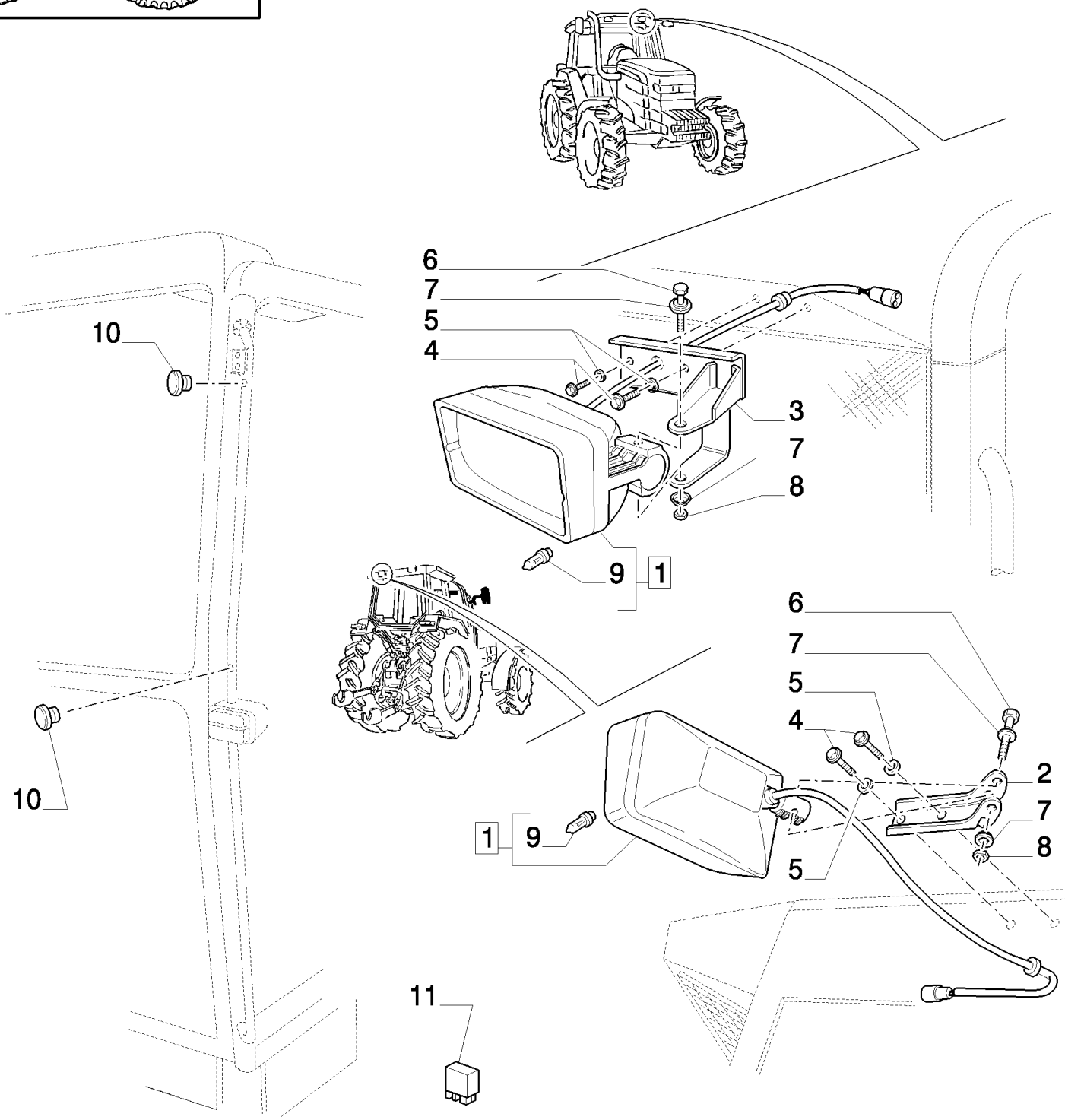


1.91.1/13 (VAR.789) FRONT HYDRAULIC LIFT FOR CCLS - SWITCH AND CABLES

Ref	Part Number	Qty	Description
1	82006159	1	SWITCH, REMOTE CONTROL,
2	82014260	1	DECAL, , BSN ACM265008
2	87363486	1	DECAL, , ASN ACM265009
3	82019939	1	CABLE, ELECTRIC,
4	82018916	1	KNOB,
5	263117	7	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
6	82006115	1	POTENTIOMETER,
7	13274877	2	SCREW, Cross Pan Hd, M5 x 30,
8	12574111	2	NUT, LOCK, M5 x .8, Cl 8,
9	14496301	2	WASHER, 5X10

1.91.3(01) WORKLAMPS



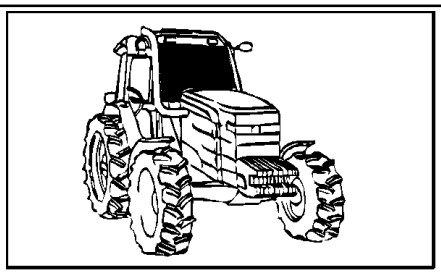


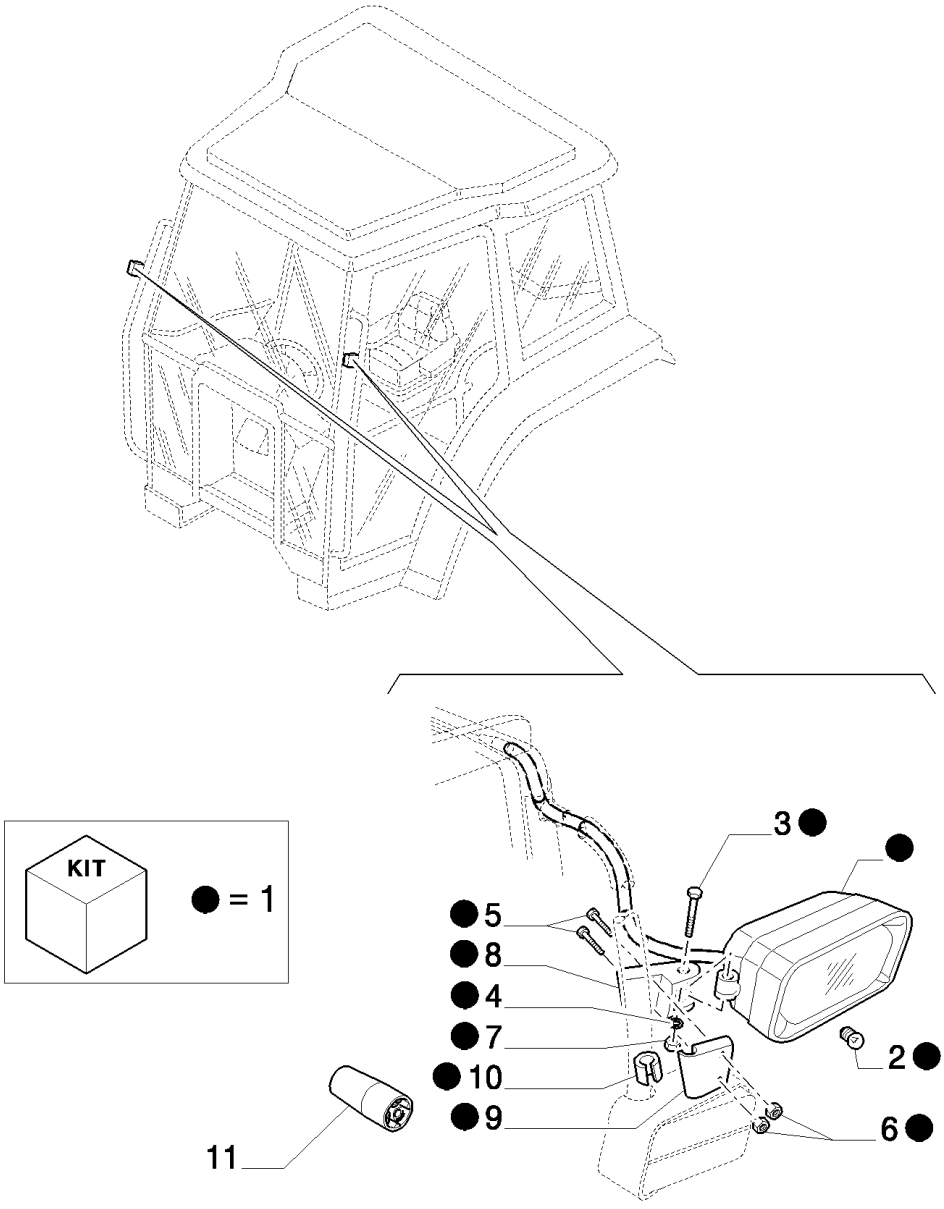
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.3(01) WORKLAMPS

Ref	Part Number	Qty	Description
1	82026141	2	LAMP, WORK, LH
1	82026139	2	LAMP, WORK, RH
2	82025464	2	BRACKET,
3	82003650	1	BRACKET, LH
3	82003651	1	BRACKET, RH
4	13632821	8	SCREW, M8X25
5	14496504	8	WASHER, M8 x 17 x 1.6,
6	16044224	4	BOLT, Hex, M8 x 50, 8.8,
7	11193874	8	WASHER, SPRING, Belleville, M8.4,
8	14048221	4	NUT, LOCK, M8 x 1.25, Cl 10,
9	14151590	4	BULB, 12V
10	82003283	4	PLUG, D=8.15
11	83990084	1	RELAY, 40A
11	83990086	2	RELAY, 20A

1.91.3(02) APPLICATION OF WORK SPOT-LIGHTS ON EXTERIOR CAB HANDLE



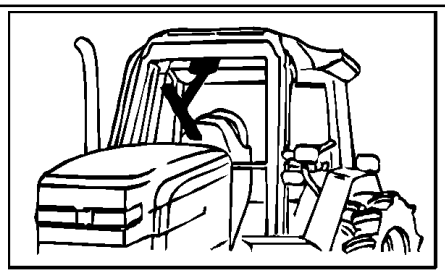


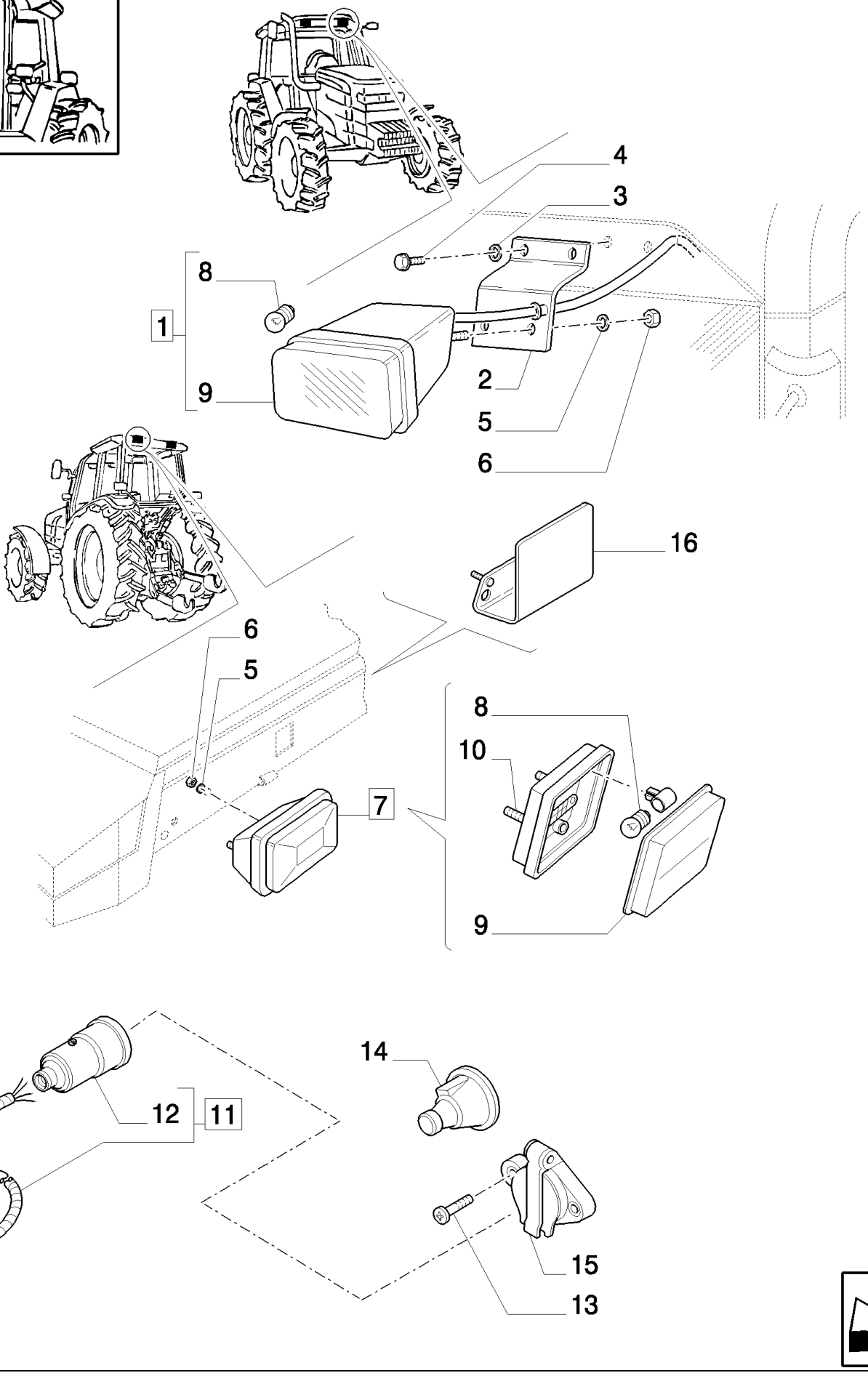
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.3(02) APPLICATION OF WORK SPOT-LIGHTS ON EXTERIOR CAB HANDLE

Ref	Part Number	Qty	Description
1	82014951	1	LAMP, LH
1	82014950	1	LAMP, RH
2	14151590	2	BULB, 12V
3	16044424	2	BOLT, Hex, M8 x 60, 8.8,
4	80681	2	WASHER, LOCK, 5/16",
5	10903221	4	BOLT, Hex, M6 x 40, 8.8,
6	14048111	4	NUT, LOCK, M6 x 1, Cl 8,
7	14048221	2	NUT, LOCK, M8 x 1.25, Cl 10,
8	82008228	2	CLAMP,
9	82008229	2	CLAMP,
10	82006433	2	INSERT, PVC
11	82000578	2	CONNECTOR, ELEC,

1.91.3/01 (VAR.007) NORTH AMERICA VERSION - NASO - WORK LIGHTS



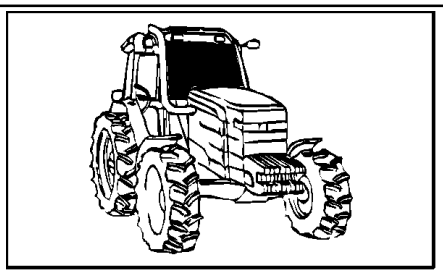


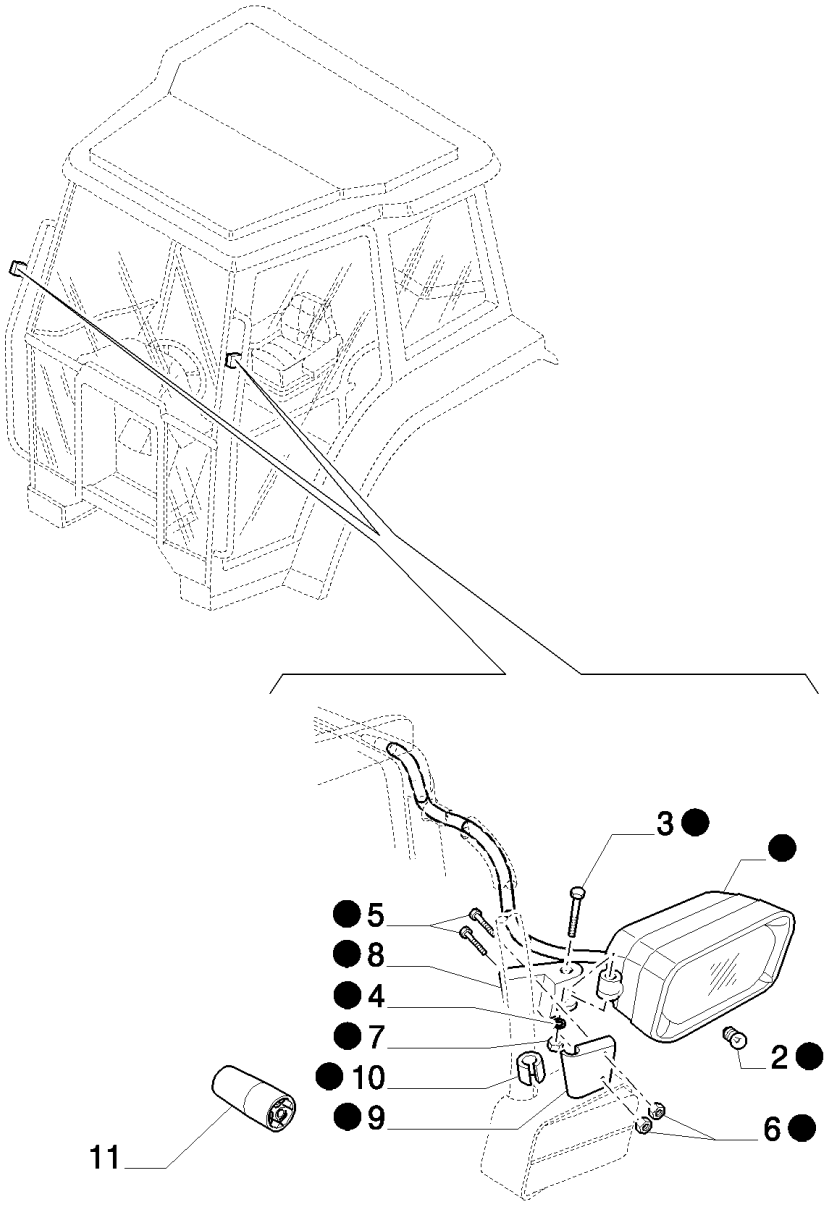
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.3/01 (VAR.007) NORTH AMERICA VERSION - NASO - WORK LIGHTS

Ref	Part Number	Qty	Description
1	82002833	2	LAMP, Turn Signal
2	82004329	2	BRACKET,
3	10519604	2	WASHER, M8 x 17 x 2,
4	13632827	2	SCREW, M8X25
5	10615474	8	WASHER, LOCK, Ext Tooth, M6,
6	15896221	8	NUT, M6, Cl 10,
7	F0NN13368AA	2	LAMP, Turn Signal
8	529068	4	BULB, #1156, 12V, 21W
9	81862912	4	LENS, Amber, 124mm x 82mm
10	86508568	4	BOLT, Hex, M6 x 16, 8.8,
11	82015690	1	CABLE, ELECTRIC, , Mating female plug is 86511459.
12	81864735	1	SOCKET, Male, 4 Pin
13	40949S36	2	SCREW, SELF TAPPING, Screw, Self-Tapping, HWH, 5/16"-18X3/4"
14	83990207	1	BOOT,
15	82001021	1	SOCKET, POWER, 7 POLE
16	82025488	2	BRACKET,

1.91.3/02 (VAR.766) APPLICATION OF WORK SPOT-LIGHTS ON EXTERIOR CAB HANDLE





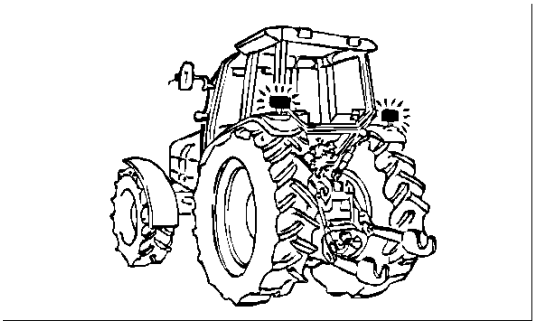
KIT ● = 1

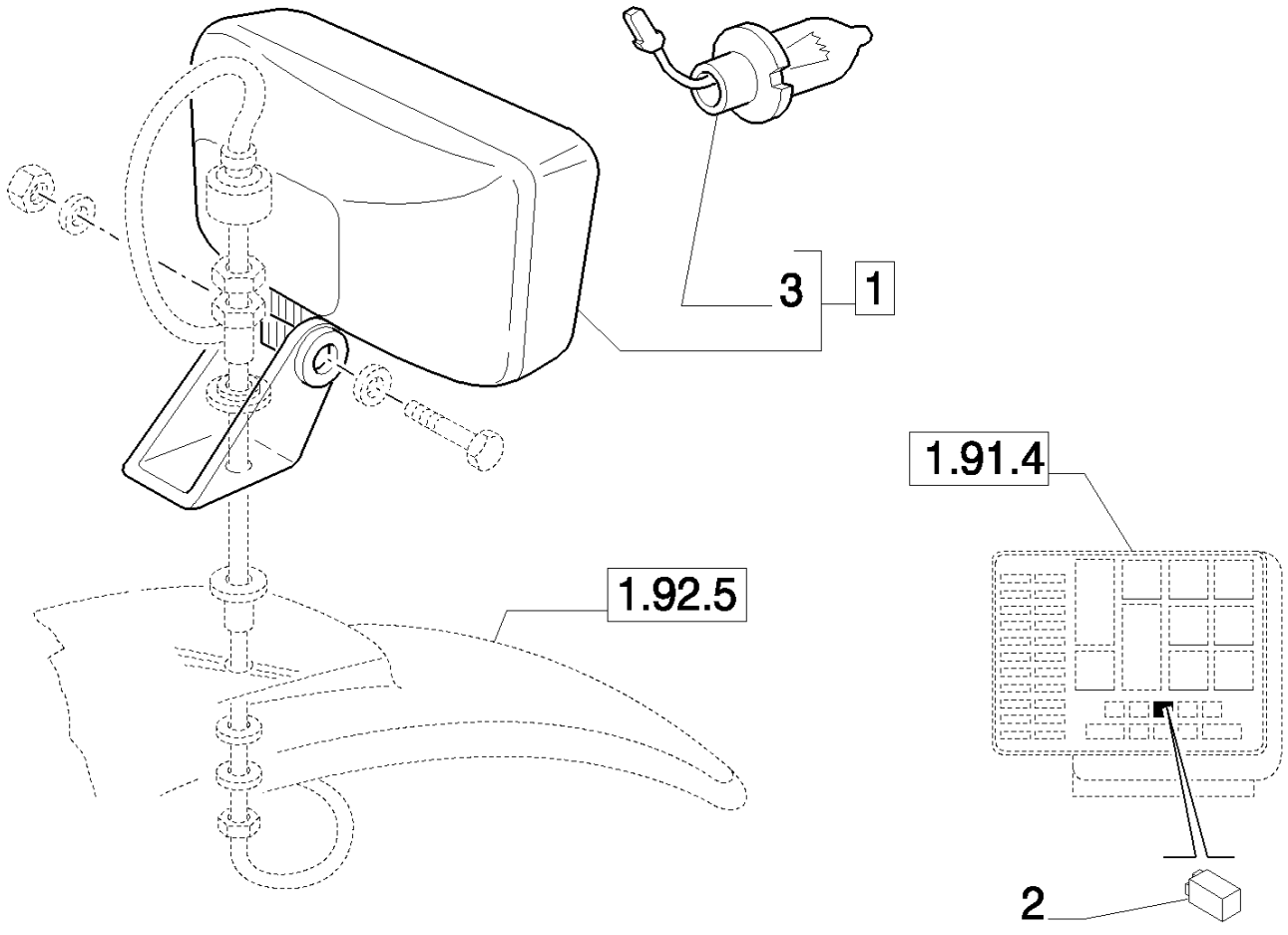
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.3/02 (VAR.766) APPLICATION OF WORK SPOT-LIGHTS ON EXTERIOR CAB HANDLE

Ref	Part Number	Qty	Description
1	82014951	1	LAMP, LH
1	82014950	1	LAMP, RH
2	14151590	2	BULB, 12V
3	16044424	2	BOLT, Hex, M8 x 60, 8.8,
4	80681	2	WASHER, LOCK, 5/16",
5	10903221	4	BOLT, Hex, M6 x 40, 8.8,
6	14048111	4	NUT, LOCK, M6 x 1, Cl 8,
7	14048221	2	NUT, LOCK, M8 x 1.25, Cl 10,
8	82008228	2	CLAMP,
9	82008229	2	CLAMP,
10	82006433	2	INSERT, PVC
11	82000578	2	CONNECTOR, ELEC,

1.91.3/03 (VAR.766/1) APPLICATION OF WORK SPOT-LIGHTS ON MUDGUARDS



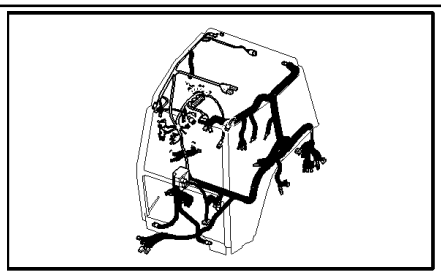


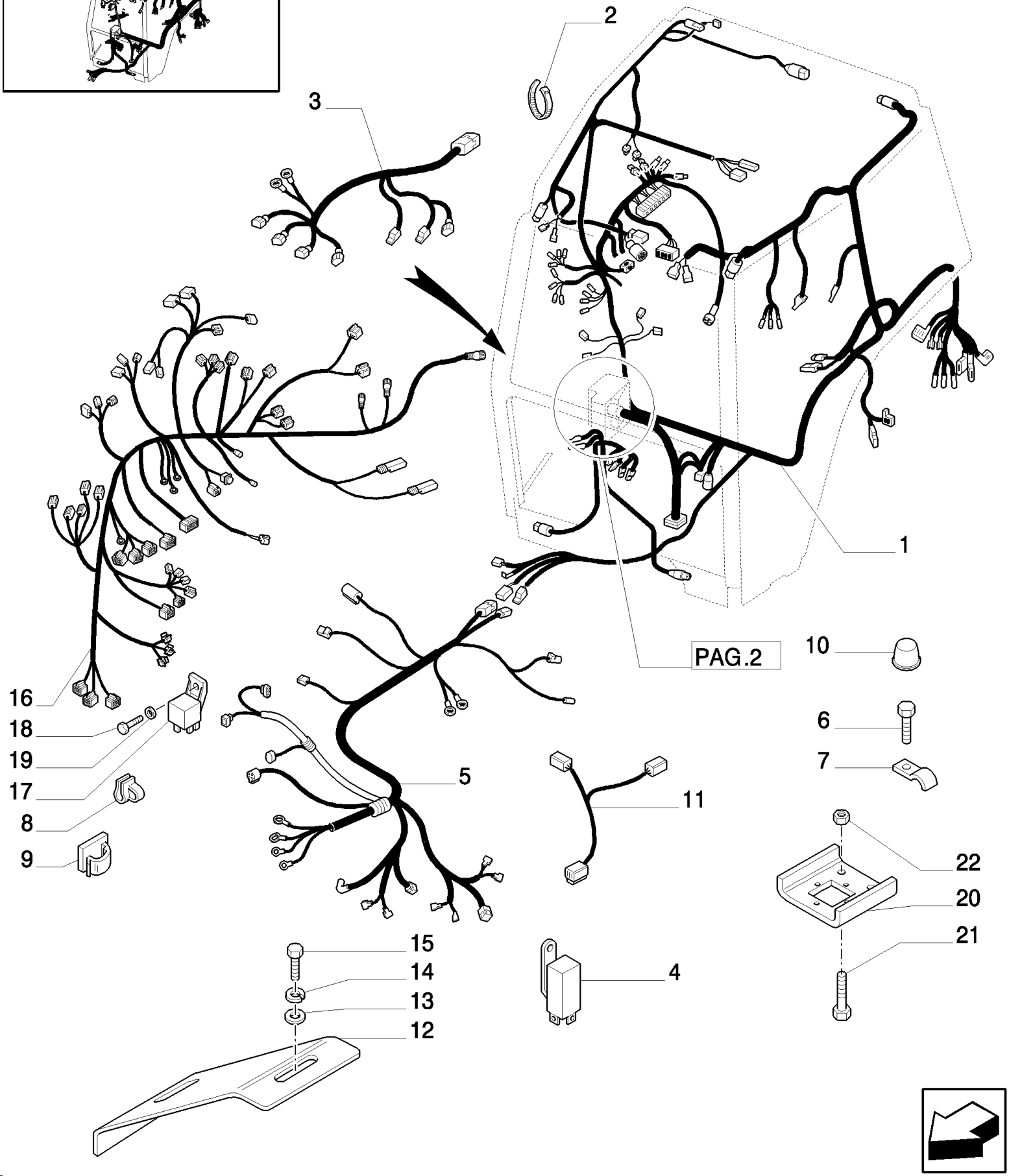
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.3/03 (VAR.766/1) APPLICATION OF WORK SPOT-LIGHTS ON MUDGUARDS

Ref	Part Number	Qty	Description
1	82014949	AR	HEADLAMP,
2	83990086	1	RELAY, 20 AMP
3	14151590	AR	BULB, 12V

1.91.4(01) CABLES AND FUSE BOX - C4868

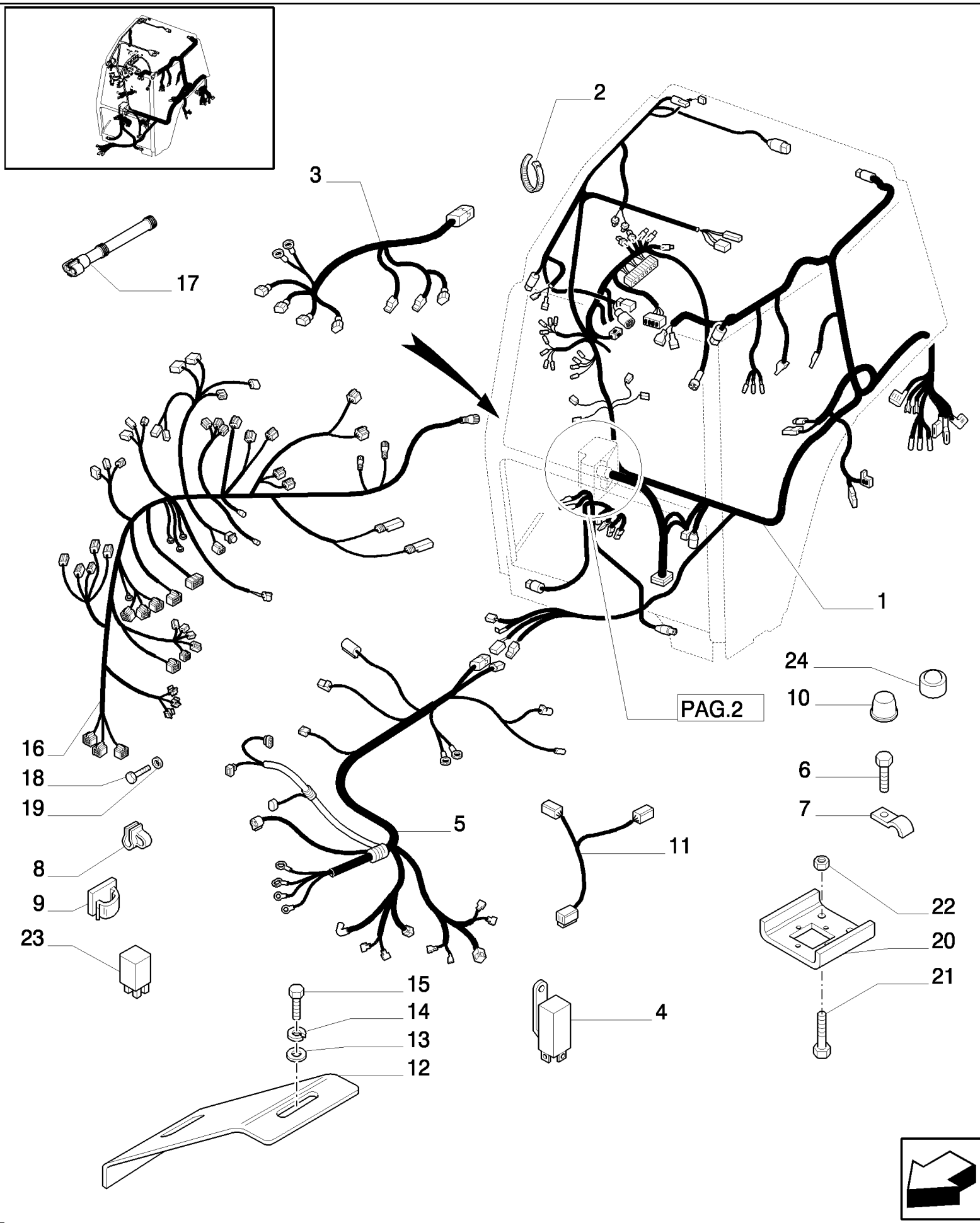




1.91.4(01) CABLES AND FUSE BOX - C4868

Ref	Part Number	Qty	Description
1	82028409	1	CABLE, ELECTRIC, MAIN REAR, TM120, TM130, TM140, TM155
1	82028253	1	CABLE, ELECTRIC, MAIN REAR, TM120, TM130, TM140, W/Mec. trans. 20x16
1	82028414	1	CABLE, ELECTRIC, MAIN REAR, TM175, TM190
1	82028410	1	CABLE, ELECTRIC, MAIN REAR, TM120,TM130,TM140, W/HI-LO trans. 24x12(40kph-4wd)Equip.272
1	82028408	1	CABLE, ELECTRIC, MAIN REAR, TM120, TM130, TM140, TM155, W/full power shift trans.18X6 (40 Kph-4WD) and 17X6 (30 Kph) Equip.281
2	80263117	4	STRAP, SECURING, 3/32" x 11-1/2" L
2	5112712	3	STRAP, CABLE, M4.8 x 283, 11.4"
3	82011886	1	CABLE, ELECTRIC, CONSOLE, RH
4	82015353	1	RELAY, Turn Indicator
5	82028411	1	CABLE, ELECTRIC, TM175, TM190
5	82028412	1	CABLE, ELECTRIC, TM120, TM130, TM140, TM155
6	81872099	3	SCREW, Cap, HH, CL 8.8, M8X1.25X16
7	83976853	1	CLIP,
8	81813738	1	CLIP,
9	83918745	4	CLIP,
10	81864706	3	BOOT,
11	82015068	1	CABLE, ELECTRIC, TM120, TM130, TM140, W/Mec. trans. 20x16
12	82015352	2	PLATE,
13	10523401	4	WASHER, M6 x 18 x 2,
14	12035670	4	WASHER, LOCK,
15	10902224	4	BOLT, Hex, M6 x 16, 8.8, Full Thd,
16	82028413	1	CABLE, ELECTRIC, TM175, TM190, Main Electronic Full Power shift
17	82004463	3	RELAY, Starter, 12V/ 30AMP, TM175, TM190
18	16043824	4	BOLT, Hex, M8 x 30, 8.8, Full Thd,
19	14496504	4	WASHER, M8 x 17 x 1.6,
20	82031360	1	BRACKET, TM175, TM190
21	15687201	4	SCREW, SELF TAPPING, Cross Pan Hd, M3.5 x 13,
21	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
22	16100811	2	NUT, M8, Cl 8,

1.91.4(01A) CABLES AND FUSE BOX - D4868



D4868 Serial N.230124 D4993 Serial N.ACM247565 D5212 Serial N.ACM263458 D5265 Serial N.ACM267461 D5281 Serial N.ACM265009

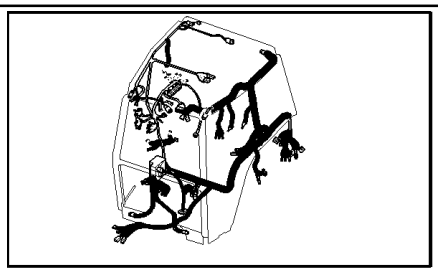
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

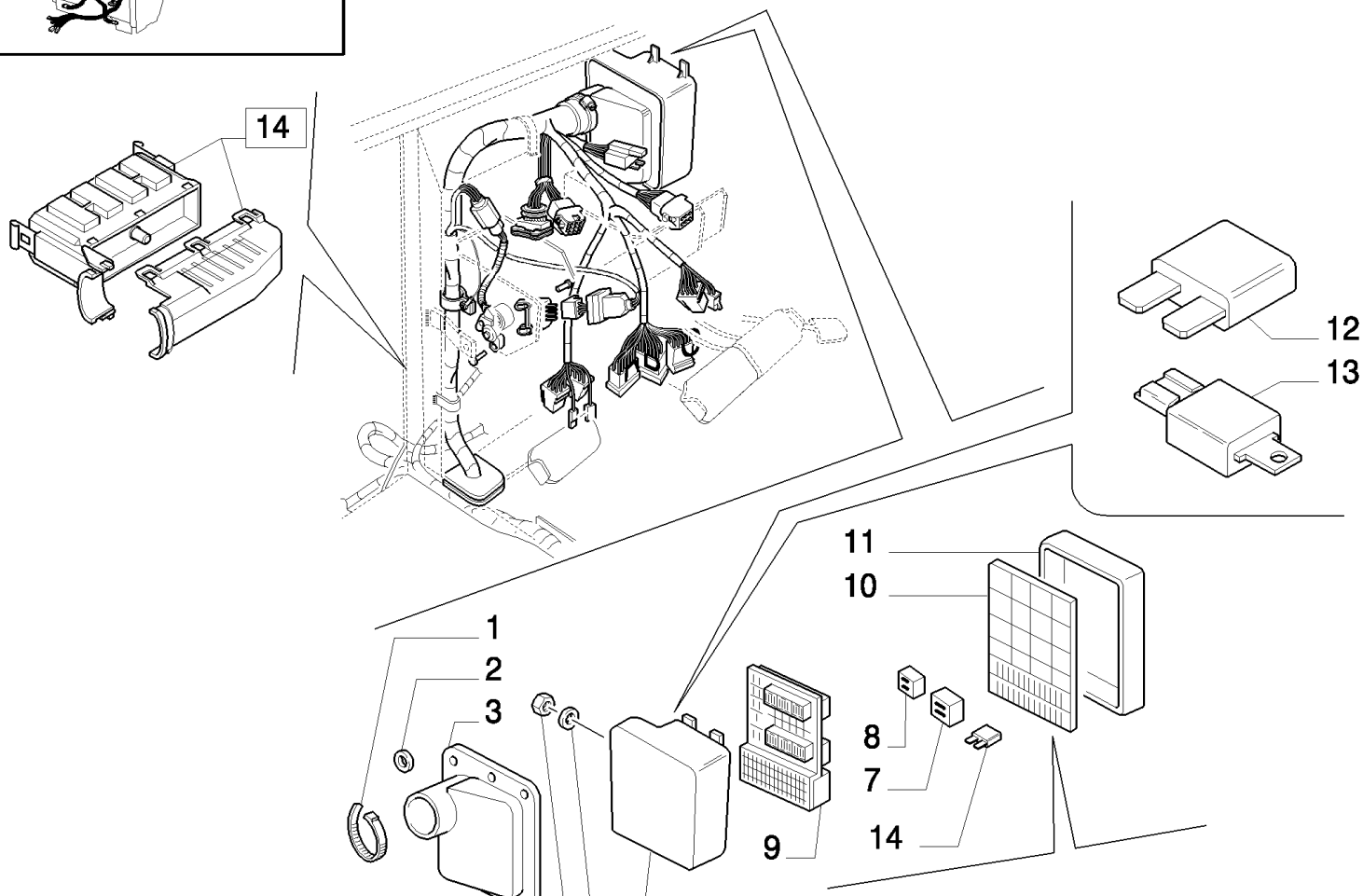
1.91.4(01A) CABLES AND FUSE BOX - D4868

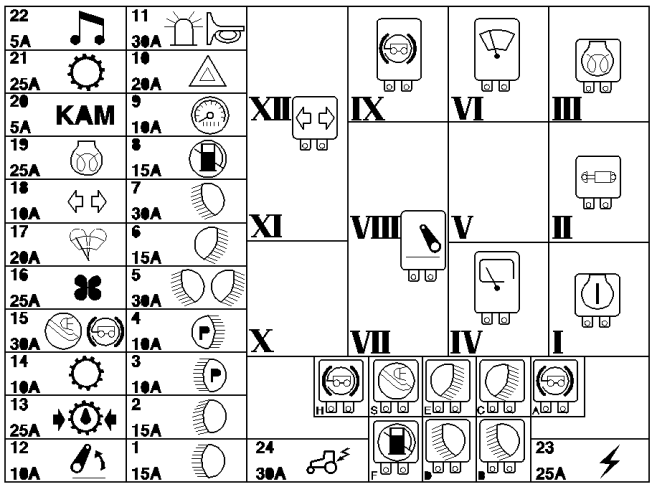
Ref	Part Number	Qty	Description
1	82034549	1	HARNESS, WIRE, MAIN REAR, TM120, TM130, TM140, TM155, BSN ACM263457
1	82034561	1	HARNESS, WIRE, MAIN REAR, TM120, TM130, TM140, W/Mec. Trans. 20x16, BSN ACM263457
1	82034547	1	HARNESS, WIRE, MAIN REAR, TM175, TM190, BSN ACM263457
1	82034560	1	HARNESS, WIRE, MAIN REAR, TM120, TM130, TM140, 1"3/4 20 teeth, BSN ACM263457
1	82034548	1	HARNESS, WIRE, MAIN REAR, TM120, TM130, TM140, TM155, W/Full Power Shift Trans. 18X6(40KPH 4WD) AND 17X6(30KPH) Equip. 281, BSN ACM263457
1	87301852	1	HARNESS, WIRE, MAIN REAR, TM175, TM190, W/Full Power Shift, BTW ACM263458 & ACM267460
1	87537902	1	HARNESS, WIRE, TM175, TM190, W/Full Power Shift, ASN ACM267461
1	87301853	1	HARNESS, WIRE, MAIN REAR, TM120, TM130, TM140, TM155, W/Full Power Shift Trans. 18X6(40KPH 4WD) AND 17X6(30KPH) Equip. 281, ASN ACM263458
1	87301854	1	HARNESS, WIRE, MAIN REAR, TM120, TM130, TM140, TM155, BTW ACM263458 & ACM265008
1	87309545	1	HARNESS, WIRE, MAIN REAR, TM120, TM130, TM140, TM155, ASN ACM265009
1	87301855	1	HARNESS, WIRE, MAIN REAR, TM120, TM130, TM140, W/HI-LO trans. 24x12(40kph)Equip.272, ASN ACM263458
1	87301856	1	HARNESS, WIRE, MAIN REAR, TM120, TM130, TM140, W/Mec. Trans. 20x16, ASN ACM263458
2	80263117	4	STRAP, SECURING, 3/32" x 11-1/2" L
3	82011886	1	CABLE, ELECTRIC, CONSOLE RH
4	82015353	1	RELAY, Turn Indicator
5	82034545	1	HARNESS, WIRE, MAIN FRONT, TM175, TM190, BSN ACM247564
5	87301849	1	HARNESS, WIRE, MAIN FRONT, TM175, TM190, ACM247565-C5212
5	82034546	1	HARNESS, WIRE, MAIN FRONT, TM120, TM130, TM140, TM155, BSN ACM247564
5	87301850	1	HARNESS, WIRE, MAIN FRONT, TM120, TM130, TM140, TM155, ACM247565-C5212
5	87331323	1	HARNESS, WIRE, MAIN FRONT, TM120, TM130, TM140, TM155, ASN ACM263458
5	87331324	1	HARNESS, WIRE, MAIN FRONT, TM175, TM190, ASN ACM263458
6	81872099	3	SCREW, Cap, HH, CL 8.8, MX1.25X16
7	83976853	1	CLIP,
8	81813738	1	CLIP,
9	83918745	4	CLIP,
10	81864706	3	BOOT,
11	82015068	1	CABLE, ELECTRIC, TM120, TM130, TM140, W/Mec. Trans. 20x16
12	82015352	2	PLATE,
13	10523401	4	WASHER, M6 x 18 x 2,
14	12035670	4	WASHER, LOCK,
15	10902224	4	BOLT, Hex, M6 x 16, 8.8, Full Thd,
16	82034562	1	HARNESS, WIRE, TM175, TM190, Main Electronic Full Power shift, BSN ACM263457
16	87301851	1	HARNESS, WIRE, TM175, TM190, Main Electronic Full Power shift, ASN ACM263458
17	82036572	1	HARNESS, WIRE,
18	16043824	4	BOLT, Hex, M8 x 30, 8.8, Full Thd,
19	14496504	4	WASHER, M8 x 17 x 1.6,
20	82035501	1	BRACKET, TM175, TM190
21	15687201	4	SCREW, SELF TAPPING, Cross Pan Hd, M3.5 x 13,
21	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
22	16100811	2	NUT, M8, Cl 8,
23	82017871	1	RELAY, Sterter Relay, W/Mec. Trans. 20x16
24	87533425	2	NUT,

D4868 Serial N.230124 D4993 Serial N.ACM247565 D5212 Serial N.ACM263458 D5265 Serial N.ACM267461 D5281 Serial N.ACM265009

1.91.4(02) CABLES AND FUSE BOX





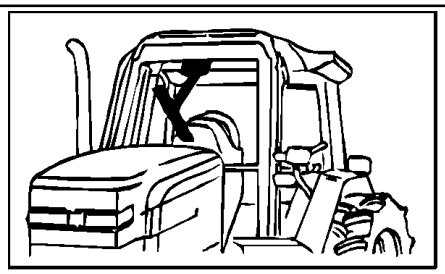


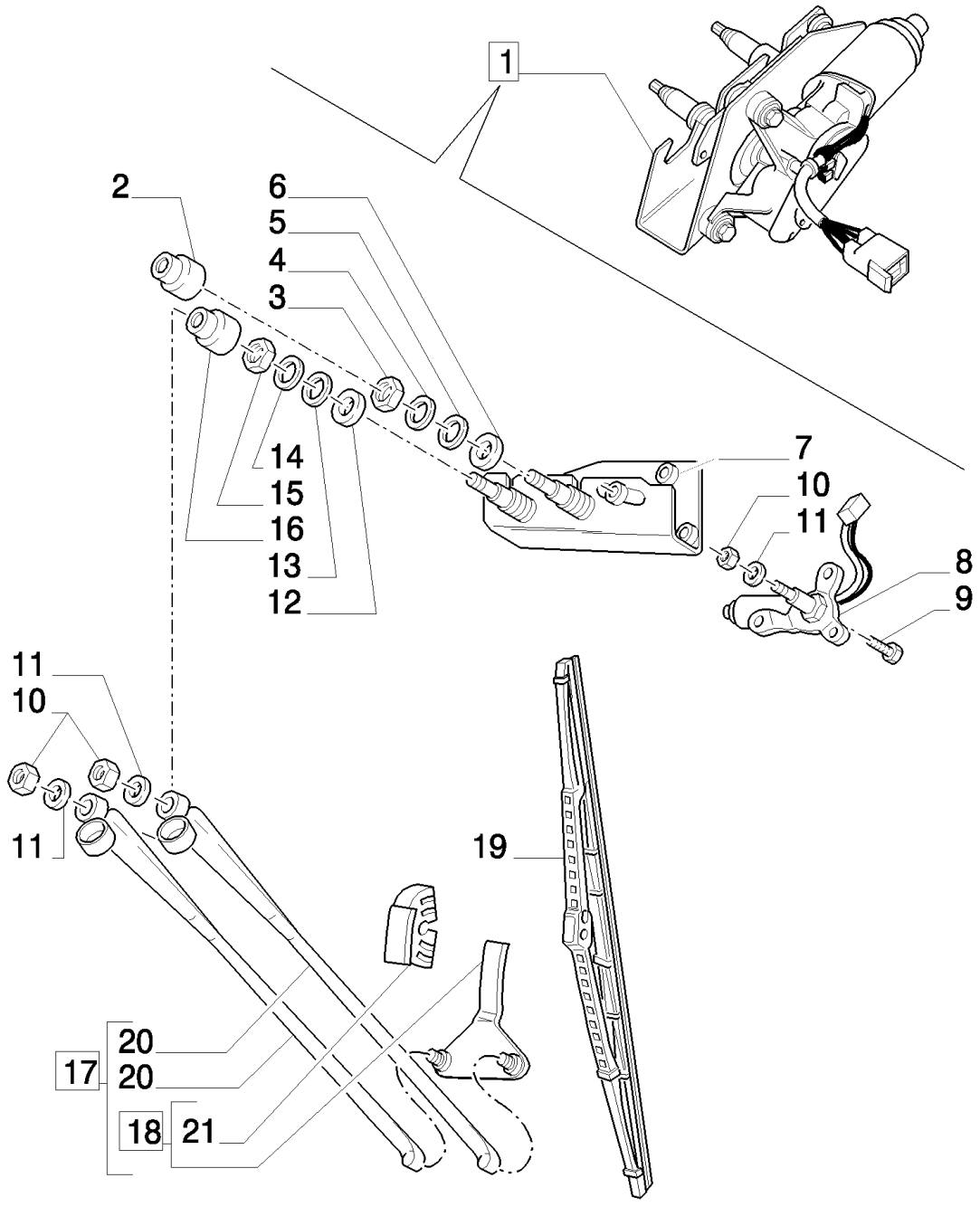
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.4(02) CABLES AND FUSE BOX

Ref	Part Number	Qty	Description
1	263117	1	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
2	E866227S71	6	CLIP,
3	81864246	1	COVER,
4	15896221	2	NUT, M6, Cl 10,
5	10569274	2	WASHER, LOCK,
6	81864244	1	COVER,
7	82012872	1	RELAY, 70 AMP
8	83990084	1	RELAY, 40 AMP
8	83990086	1	RELAY, 20 AMP
9	82866276	1	FUSE HOLDER,
10	82028827	1	DECAL, TM120, TM130, TM140, TM155
10	82028828	1	PLAQUE, DATA, TM175, TM190
11	82003266	1	COVER,
12	11055490	AR	FUSE, 40 AMP
12	5173263	AR	FUSE, 50 AMP
12	11055690	AR	FUSE, 60 AMP
12	5173264	AR	FUSE, 30 AMP
12	9623774	AR	FUSE, 15 AMP
12	9811773	AR	FUSE, 10 AMP
12	9804895	AR	FUSE, 20 AMP
12	83932926	AR	FUSE, 25 AMP
12	9623775	AR	FUSE, 5 AMP
13	81878921	AR	DIODE, Circuit Protecting
14	82859586	1	CONNECTOR, ELEC,

1.91.5(01) FRONT WINDSHIELD WIPER



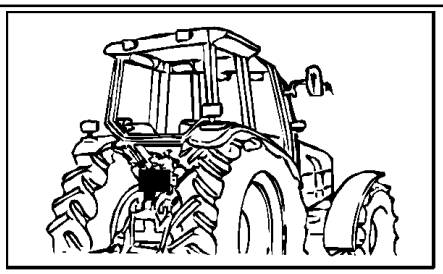


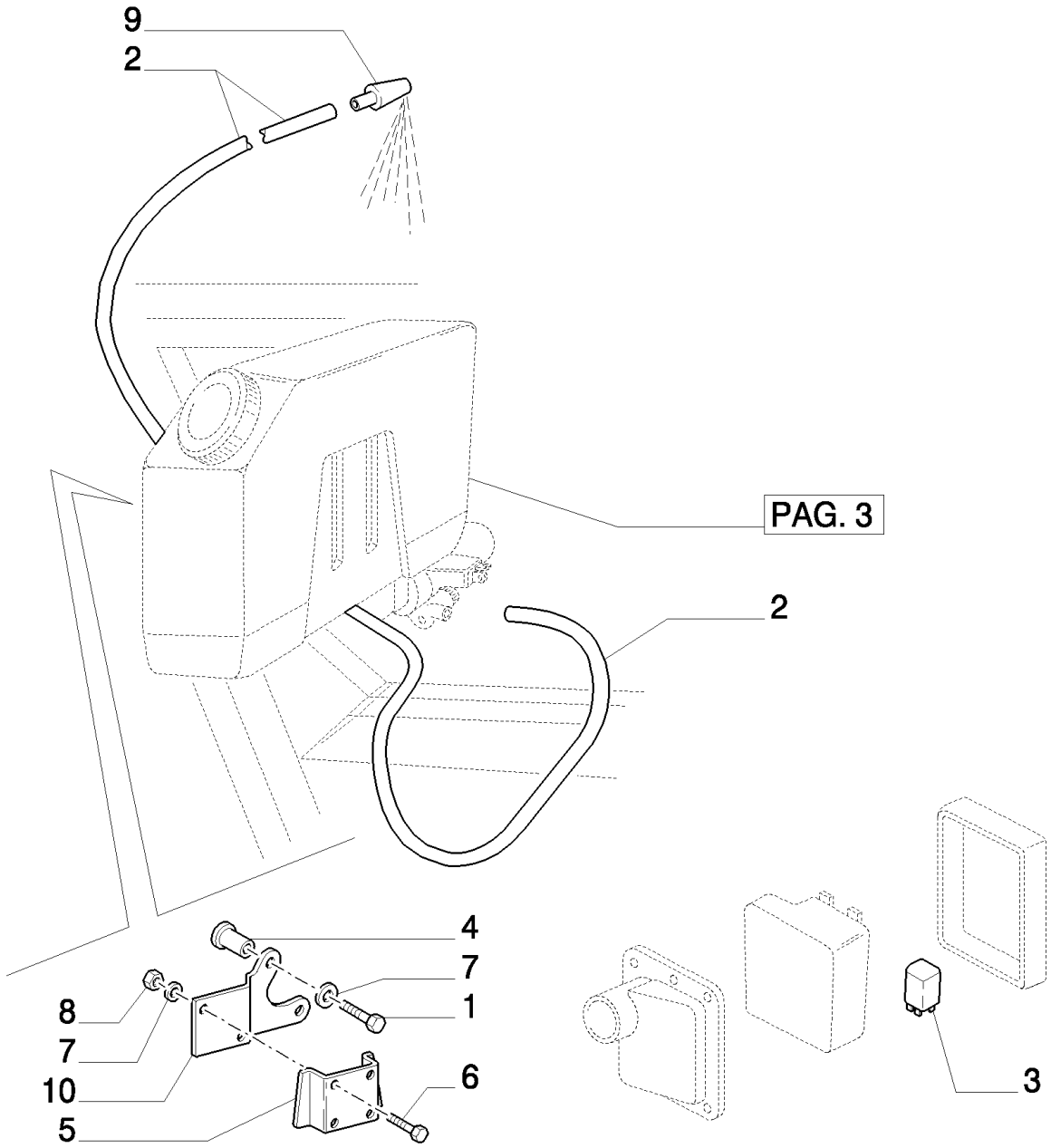
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.5(01) FRONT WINDSHIELD WIPER

Ref	Part Number	Qty	Description
1	82016930	1	MOTOR, ELECTRIC, SMALL, Incl. Ref. 2-16
2	83994900	1	COVER, CAP,
3	F0NN17K468BA	1	NUT, M6
4	83994892	1	WASHER,
5	F0NN17N430FA	1	WASHER,
6	F0NN17N430EA	1	WASHER,
7	82024730	1	BRACKET,
8	82024725	1	MOTOR, ELECTRIC, SMALL,
9	120100	3	BOLT, Hex, M6 x 20, 8.8,
10	89706690	2	NUT, M8, Cl 8,
11	140160	2	WASHER, LOCK, Int T, M8
12	83994869	1	WASHER,
13	F0NN17N430CA	1	WASHER,
14	83994895	1	WASHER,
15	83994880	1	NUT, M20
16	83994874	1	PLUG,
17	83994998	1	ARM,
18	81875804	1	CLIP,
19	82008813	1	WIPER BLADE, MM 551
19	82034373	1	WIPER BLADE, MM 500
20	82942149	2	WIPER ARM,
21	9971672	1	ADAPTER,

1.91.5(02) FRONT WINDSHIELD WIPER



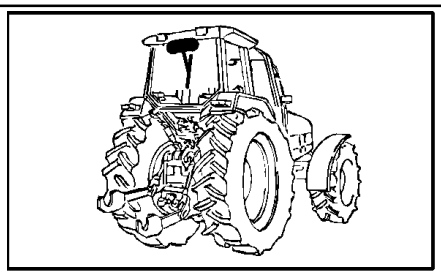


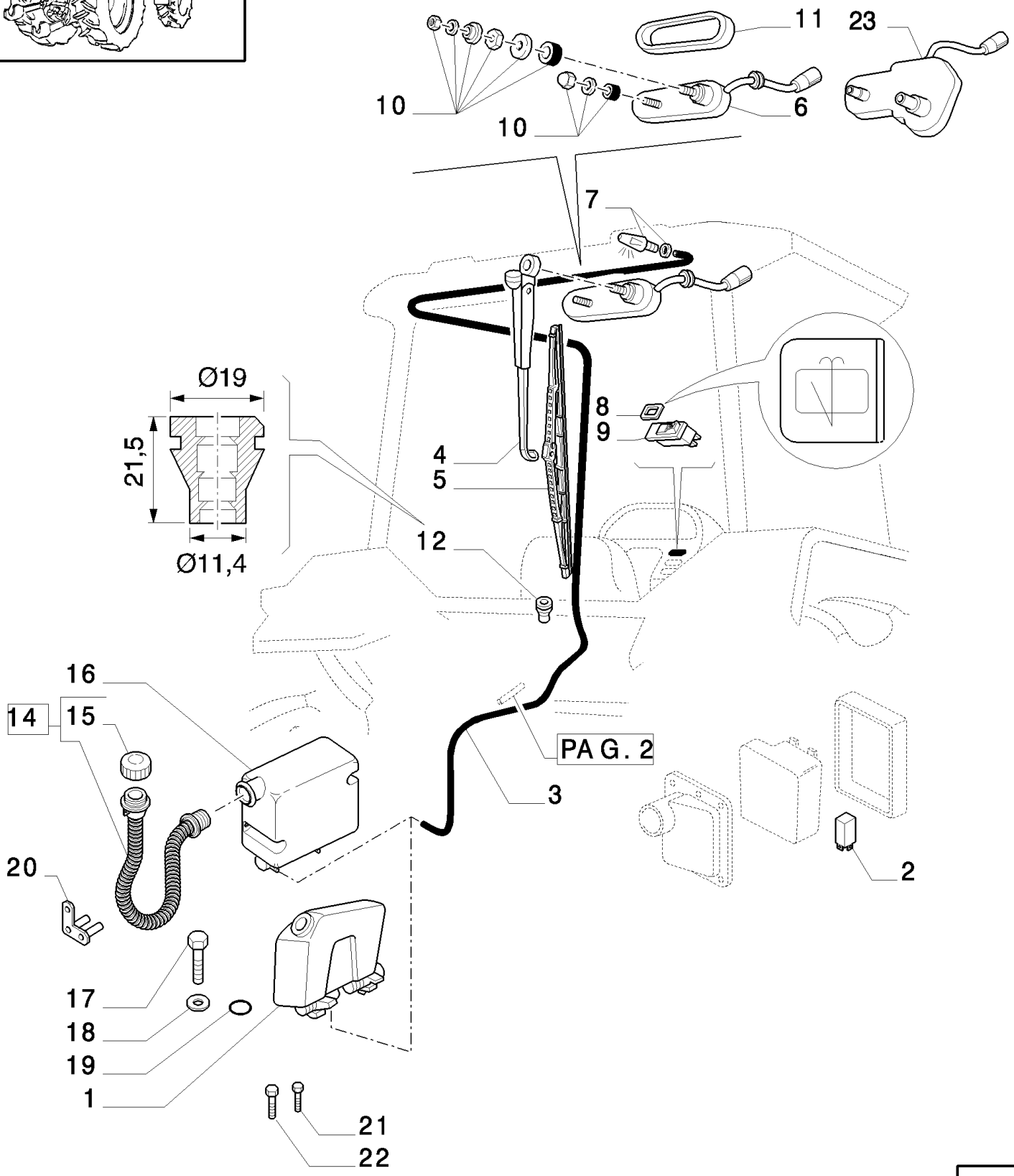
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.5(02) FRONT WINDSHIELD WIPER

Ref	Part Number	Qty	Description
1	10902624	2	BOLT, Hex, M6 x 25, 8.8, Full Thd,
2	81868334	1	HOSE,
3	82011380	1	RELAY, Intermittent Wipe, Front
4	81869659	2	INSERT, THREADED, M6
5	85155855	1	BRACKET,
6	10902124	2	BOLT, Hex, M6 x 14, 8.8, Full Thd,
7	12035670	4	WASHER, LOCK,
8	15896221	2	NUT, M6, Cl 10,
9	82006204	1	NOZZLE,
10	82016122	1	BRACKET,

1.91.5(03) REAR WINDSHIELD WIPER





D4908 After Date 8 June 2003. D5264 After Date 18 November 2005.

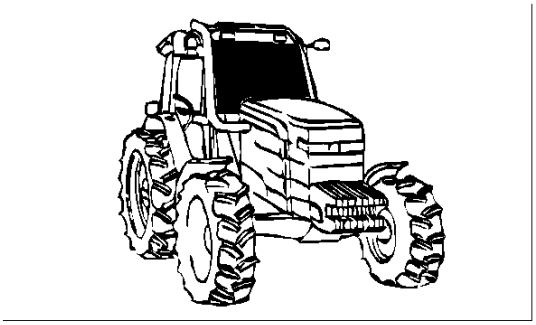
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

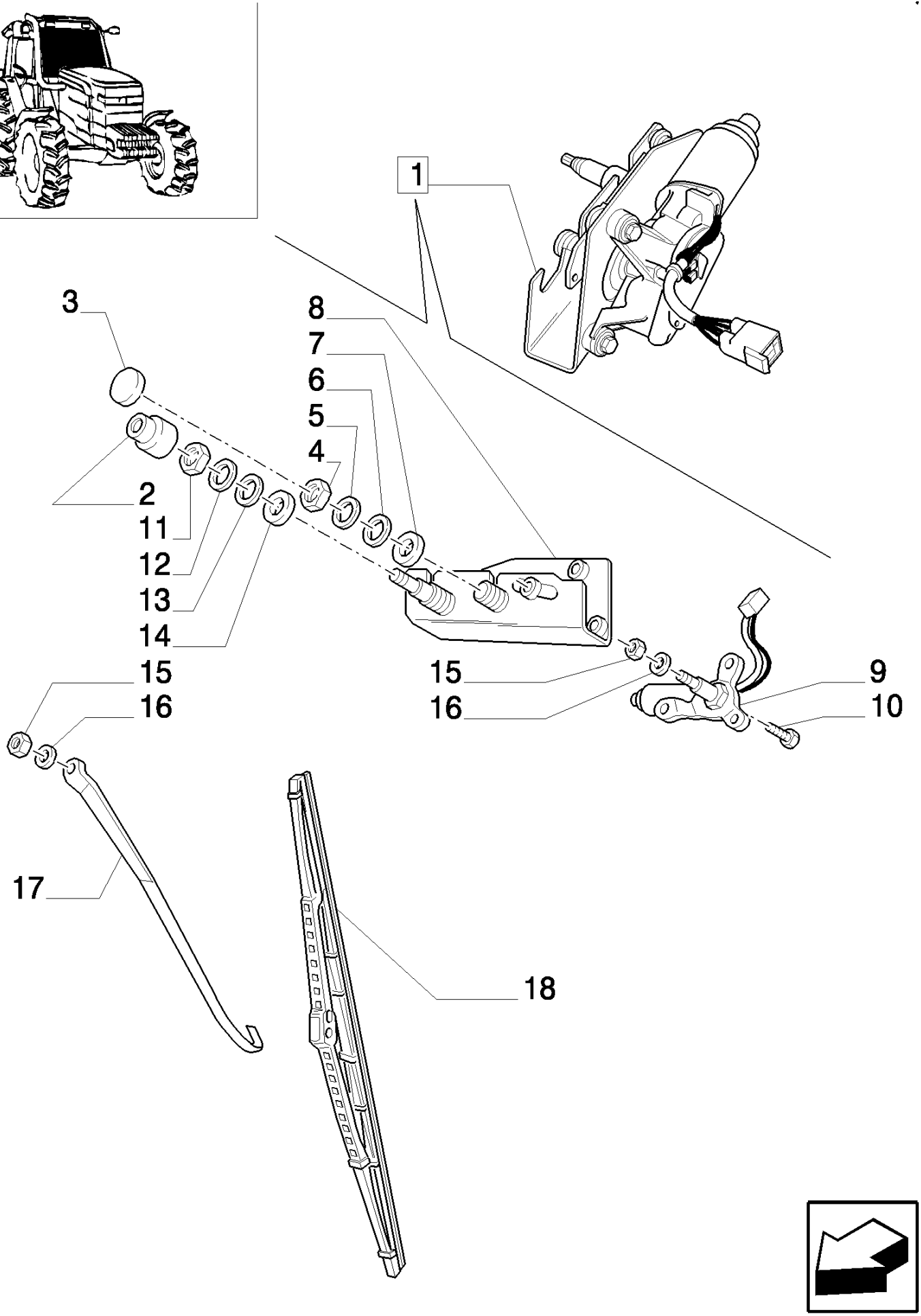
1.91.5(03) REAR WINDSHIELD WIPER

Ref	Part Number	Qty	Description
1	5155411	1	RESERVOIR, WINDSH. WASH, Incl. Ref. 13, TM120, TM130, TM140, TM155, 2 pumps and grommets are included, -C4908
1	82016434	1	RESERVOIR, WINDSH. WASH, , Only for cab w/suspension (Equip.635), -C4908
2	82011381	1	MODULE,
3	82014060	1	HOSE,
4	82001912	1	WIPER ARM,
5	82003345	1	WIPER BLADE,
6	82009353	1	WIPER MOTOR, Incl. Ref. 10,11, -C5264
7	82008335	1	NOZZLE,
8	5157932	1	PLATE, COVER,
9	5150956	1	SWITCH, ASSY,
10	9967810	1	KIT, Lift Arm Fit
11	9969365	1	COVER,
12	82012309	1	PLUG,
13	9972147	1	PLUG,
14	82036914	1	NECK FILLER, L=468, D4908-
15	82036769	1	CAP, FILLER, , D4908-
16	82036768	1	TANK, , D4908-
17	86511829	4	SCREW, Cross Pan Hd, M6 x 16, , D4908-
18	17094714	4	WASHER, LOCK, D=6, D4908-
19	14454480	2	O-RING, -027, 70 Duro, 1.301" ID x .070" Thk, , D4908-
20	82036794	1	BRACKET, , D4908-
21	16043024	2	BOLT, Hex, M8 x 12, 8.8, Full Thd, , D4908-
22	16043224	2	BOLT, Hex, M8 x 16, 8.8, Full Thd, , D4908-
23	87380358	1	MOTOR, ELECTRIC, SMALL, , D5264-

D4908 After Date 8 June 2003. D5264 After Date 18 November 2005.

1.91.5/01 (VAR.007-640) FRONT WINDSHIELD WIPER



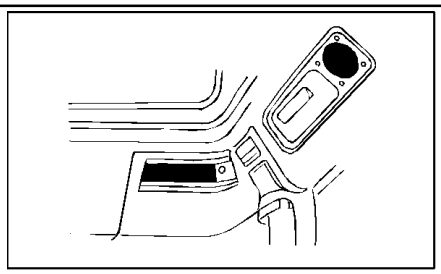


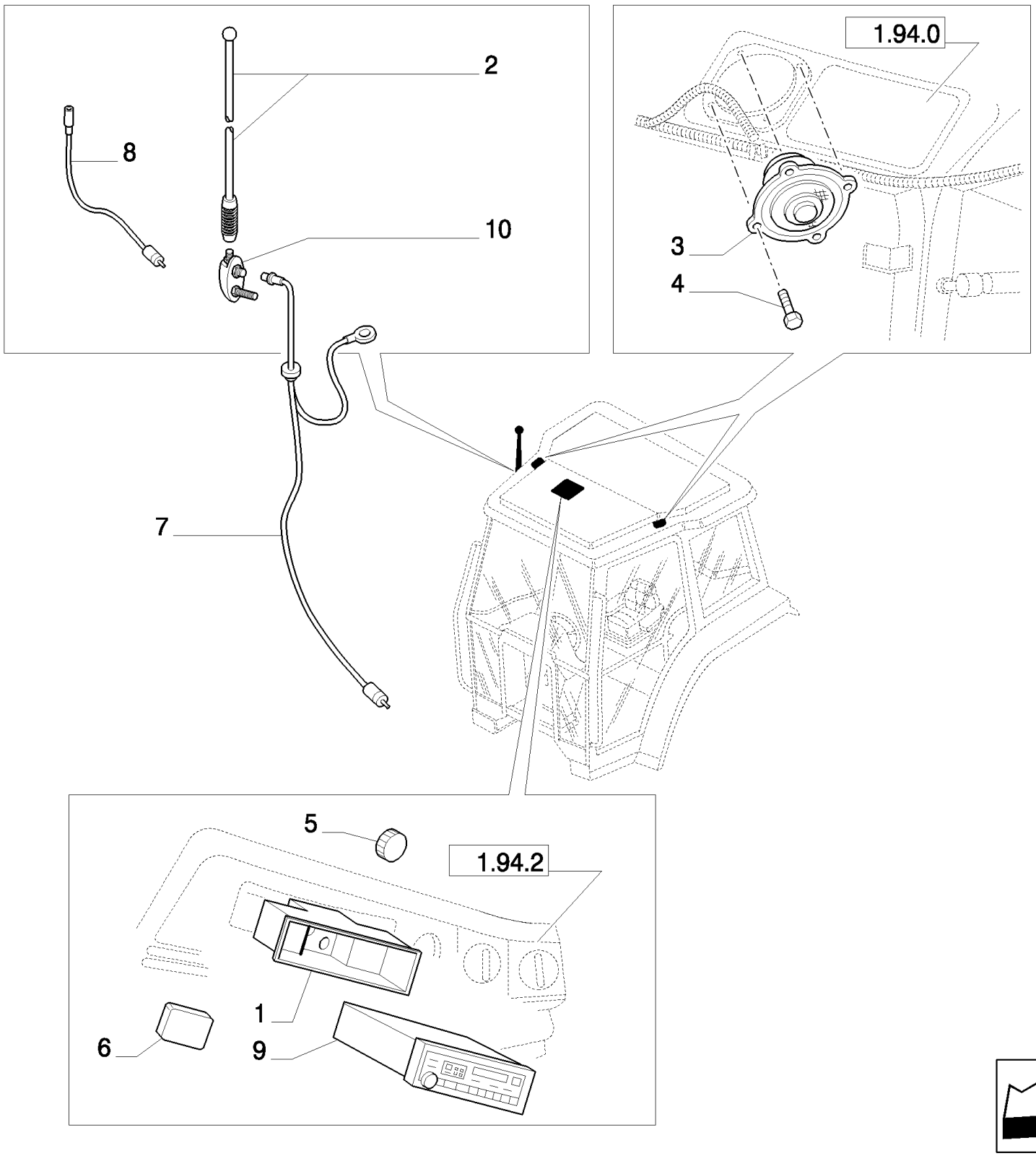
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.5/01 (VAR.007-640) FRONT WINDSHIELD WIPER

Ref	Part Number	Qty	Description
1	82016927	1	MOTOR, ELECTRIC, SMALL, ASSY, Incl. Ref. 2-16
2	83994874	1	PLUG,
3	83994902	1	CAP,
4	F0NN17K468BA	1	NUT, M16
5	83994892	1	WASHER,
6	F0NN17N430FA	1	WASHER,
7	F0NN17N430EA	1	WASHER,
8	82024729	1	BRACKET,
9	82024725	1	MOTOR, ELECTRIC, SMALL,
10	10902424	3	BOLT, Hex, M6 x 20, 8.8, Full Thd,
11	83994880	1	NUT, M20
12	83994895	1	WASHER,
13	F0NN17N430CA	1	WASHER,
14	83994869	1	WASHER,
15	89706690	1	NUT, M8, Cl 8,
16	140160	1	WASHER, LOCK, Int T, M8
17	82015773	1	WIPER ARM,
18	82003345	1	WIPER BLADE,

1.91.6 INTENDED FOR RADIO INSTALLATION, CLOCK





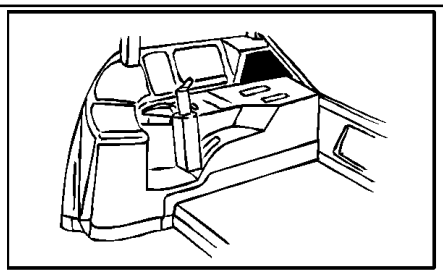
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

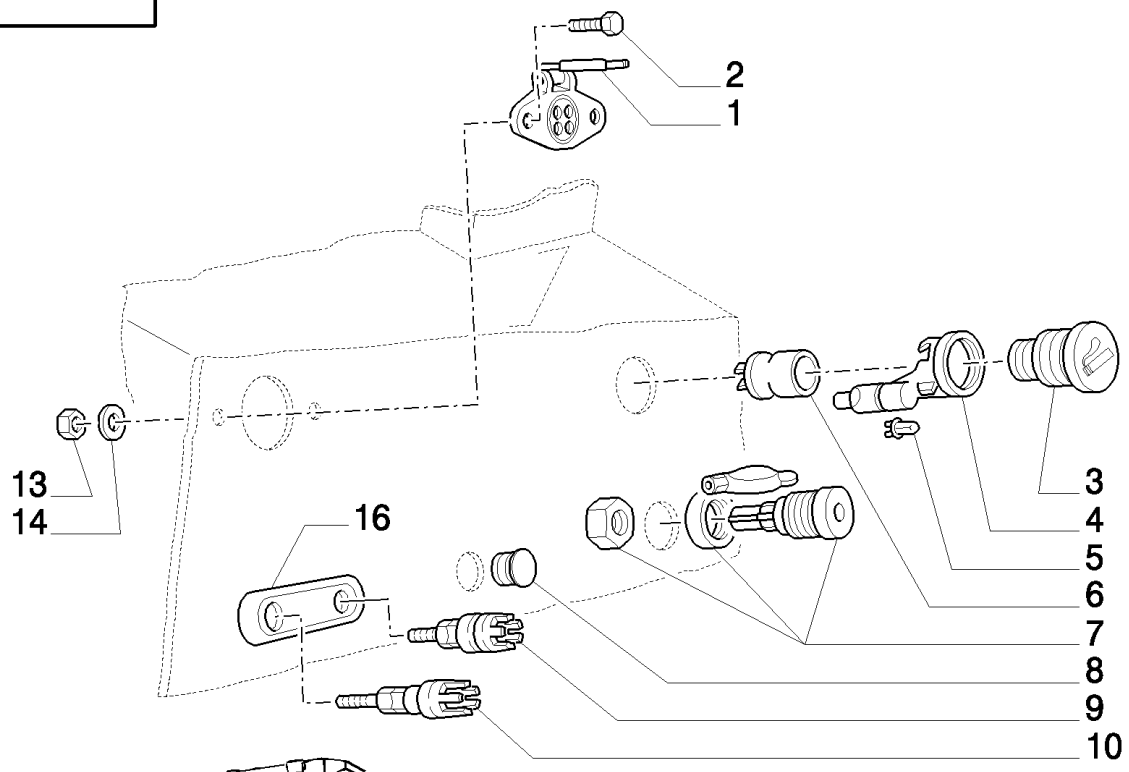
1.91.6 INTENDED FOR RADIO INSTALLATION, CLOCK

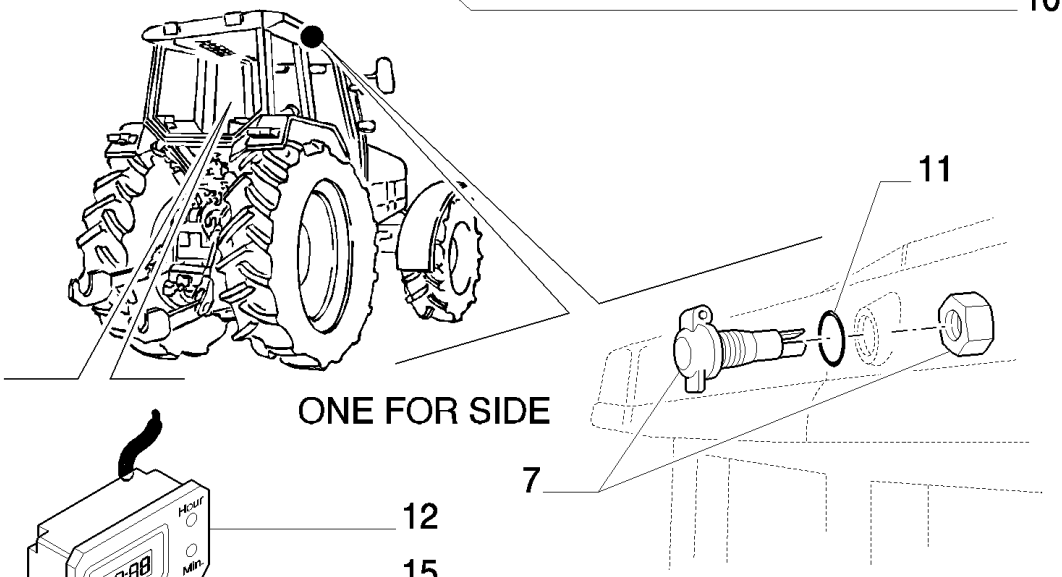
Ref	Part Number	Qty	Description
1	82026194	1	DASHBOARD,
2	82037610	1	ANTENNA, , -C5224
2	87363131	1	ANTENNA, , D5224-
3	82014952	2	SPEAKER,
4	15644001	8	SCREW, SELF TAPPING, Cross Pan Hd, M4.2 x 13,
5	390030S2	1	NUT,
6	82025862	1	DECAL,
7	82026196	1	CABLE,
8	82026197	1	CABLE, ELECTRIC,
9	82028195	1	RADIO, (EQUIP..758)
10	82031724	1	SUPPORT, , -C5224
10	87363130	1	SUPPORT, , D5224-

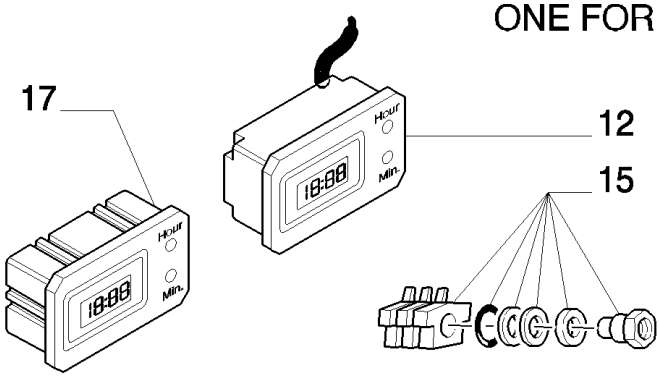
D5224 After Date 05 August 2005

1.91.7(01) LIGHTING



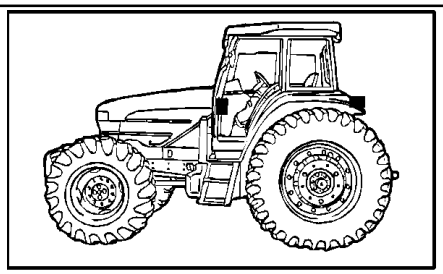


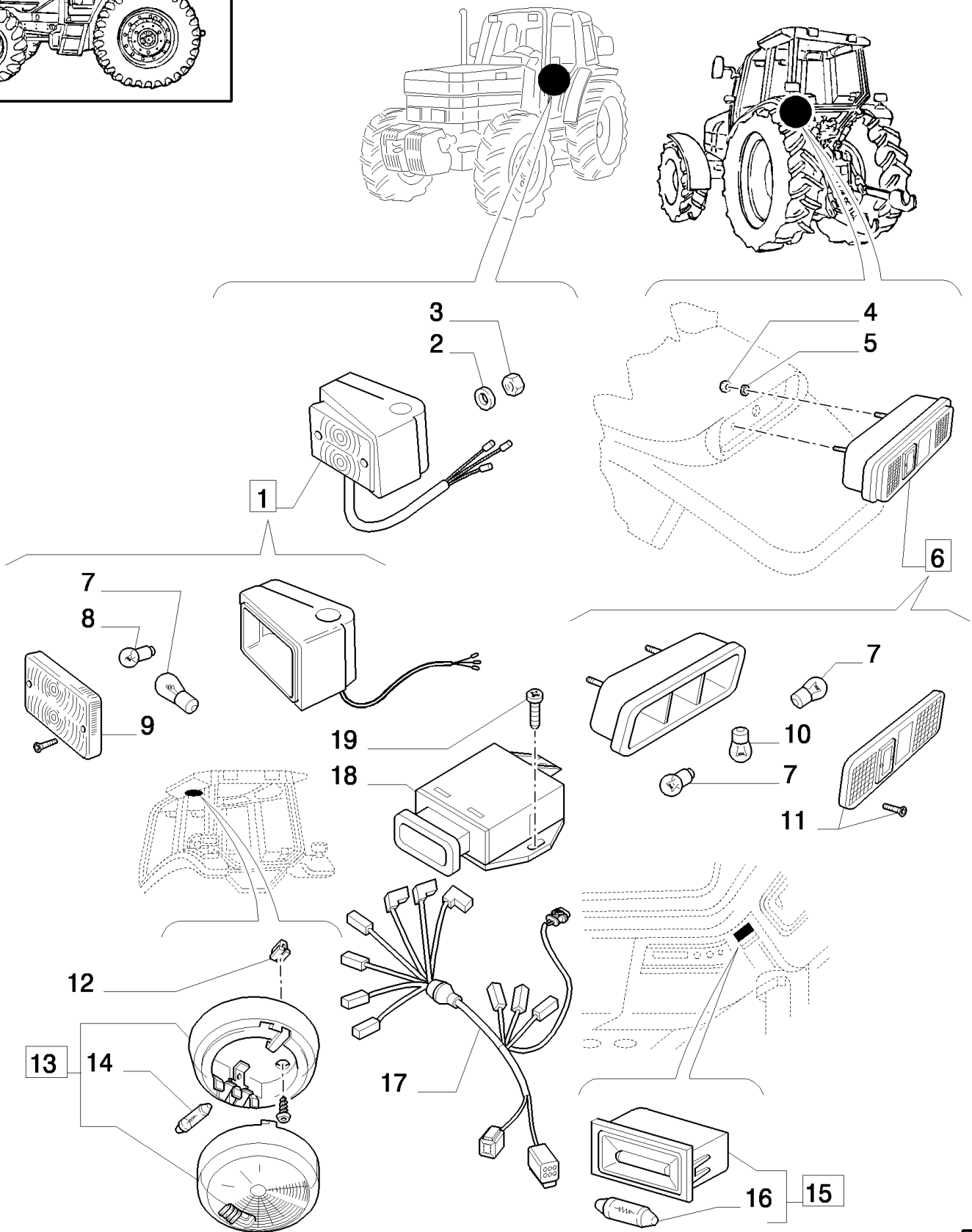




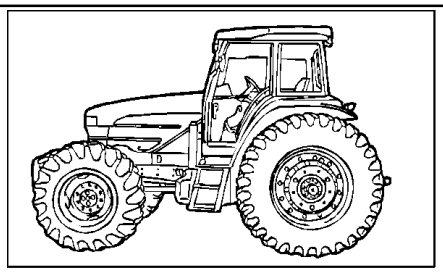
1.91.7(01) LIGHTING

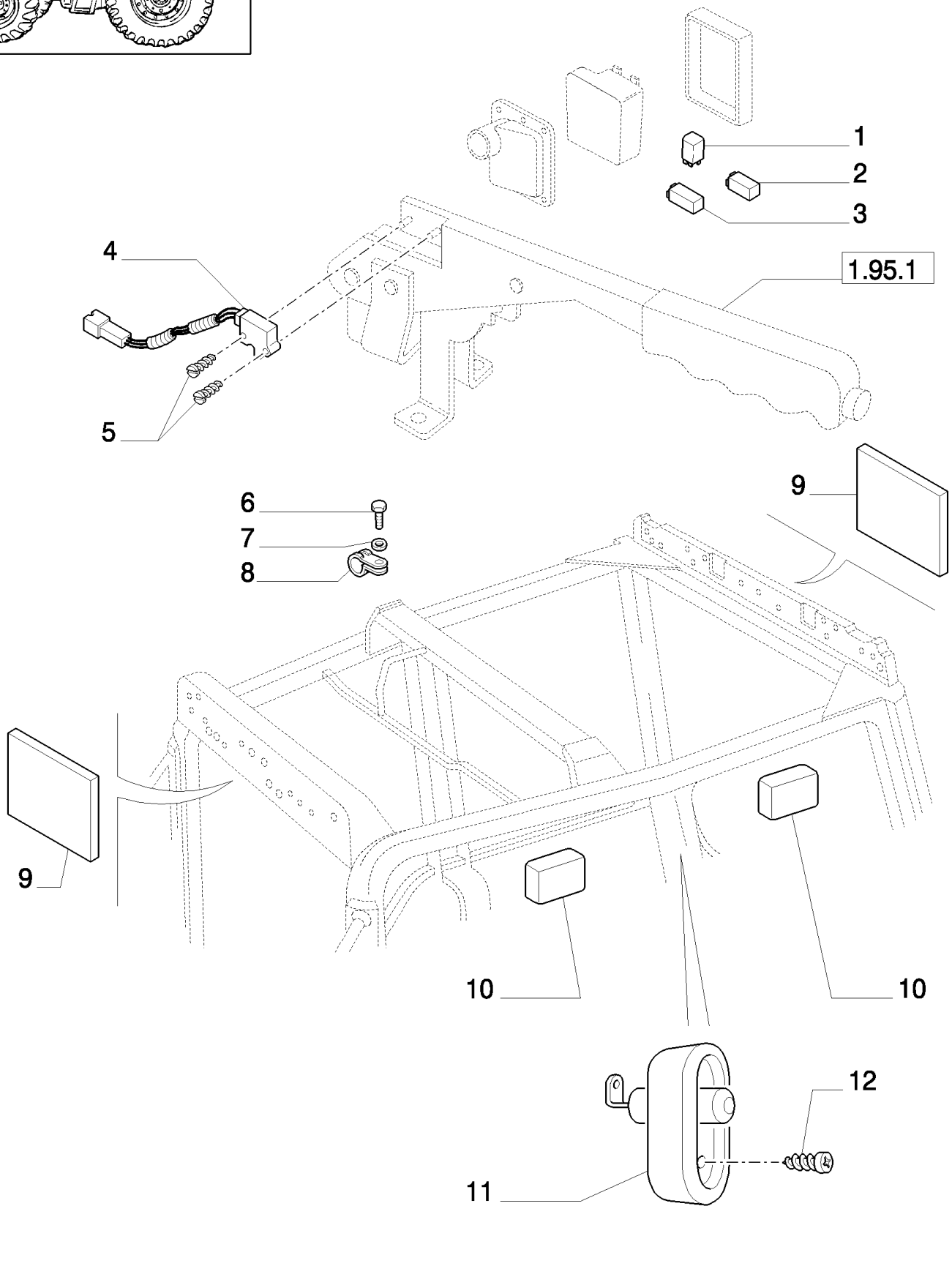
Ref	Part Number	Qty	Description
1	83982634	1	SOCKET, POWER,
2	13272617	2	SCREW, Cross Pan Hd, M4 x 25,
3	5148133	1	LIGHTER, CIGARETTE,
4	5148132	1	NUT, LOCK, Incl. Ref. 5
5	14143790	1	BULB, 1,2W
6	5148131	1	HOUSING,
7	82002966	1	SOCKET, POWER,
8	82001272	1	PLUG,
9	82003172	1	TERMINAL, BLACK
10	82003171	1	TERMINAL, RED
11	82016322	2	GASKET,
12	5187801	1	CLOCK, , BSN ACM266631
13	10794014	2	NUT, M4, Cl 8,
14	14496201	2	WASHER, 4X9
15	82001273	1	CONNECTOR, ELEC, TM175, TM190
16	82003173	1	BEZEL,
17	87379338	1	CLOCK, , ASN ACM266632




3
2
1
4
5
6
7
8
9
19
18
7
10
7
11
12
13
14
17
16
15

Ref	Part Number	Qty	Description
1	82009121	1	LAMP, FRONT, LH
1	82009122	1	LAMP, FRONT, RH
2	12605279	4	WASHER,
3	14084114	4	NUT, M5 x .8, Flg,
4	15896221	4	NUT, M6, Cl 10,
5	10615474	4	WASHER, LOCK, Ext Tooth, M6,
6	82007634	2	LAMP, TM120, TM130, TM140, TM155, W/Full power shift 18x6 (40kph) and 17x6(30kph)
6	82007635	2	LAMP, TM120, TM130, TM140, W/MECH. TRANS 20X16 AND TM175, TM190
7	14148190	AR	BULB, 21W
8	10857790	AR	BULB, 5W
9	71316700	2	LENS,
10	14149590	AR	BULB, 10W
11	82004330	2	LENS, , Includes Lens W/Switch, Gasket and Screws
11	82004451	2	LENS, TM120, TM130, TM140, W/MECH. TRANS 20X16 AND TM175, TM190, Includes Lens, Gasket and Screws
12	D5NN94500R26A	2	NUT,
13	83990551	1	LAMP,
14	470016	1	BULB,
15	82003144	1	LAMP,
16	82003147	1	BULB,
17	82024892	2	HARNESS, WIRE, TM120, TM130, TM140, TM155, BSN ACM265008
17	87366043	2	HARNESS, WIRE, , ASN ACM265009
17	82024893	2	HARNESS, WIRE, TM175, TM190
18	87373529	1	FLASHER UNIT, Turn Indicator
19	15931011	2	SCREW, SELF TAPPING, Pan Hd, M8 x 13,



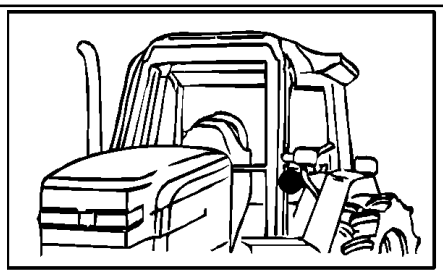

1
2
3
4
5
1.95.1
6
7
8
9
9
10
10
11
12

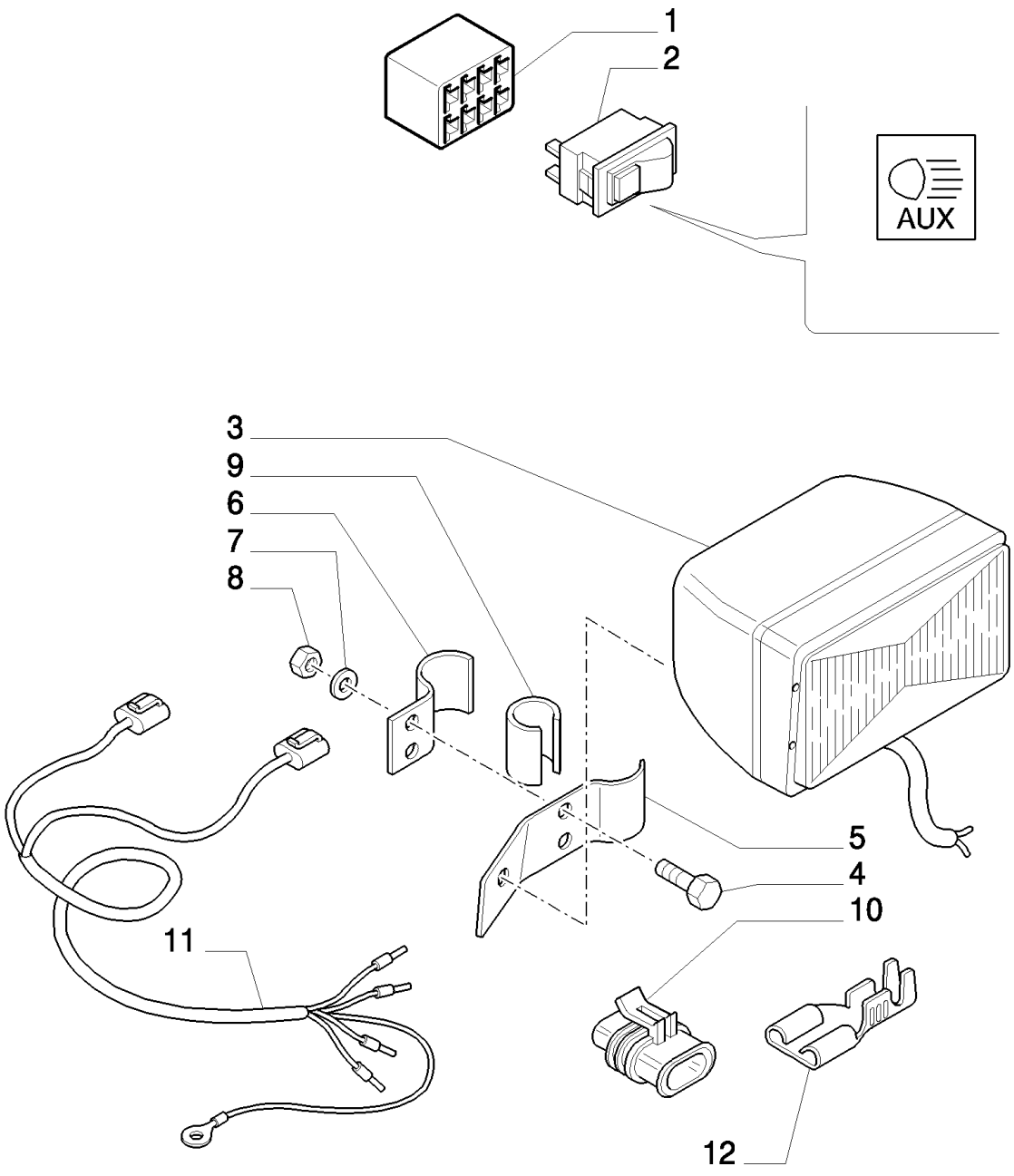
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.7(03) LIGHTING

Ref	Part Number	Qty	Description
1	83982680	1	RELAY, Turn Signal (ISO)
2	83990084	1	RELAY, 40A
3	83990086	1	RELAY, 20A
4	82005257	1	SWITCH, WARNING, Handbrake, 3 wires, TM120, TM130, TM140, W/Mec. trans. 20x16
4	87364942	1	SWITCH, Handbrake Warning
5	82007240	2	SCREW,
6	16043024	2	BOLT, Hex, M8 x 12, 8.8, Full Thd,
7	14496504	2	WASHER, M8 x 17 x 1.6,
8	82010899	2	STAPLE,
9	82004409	4	DECAL,
10	82002126	2	INSULATOR,
11	83961521	2	SWITCH, Interior Lamp
12	15903804	2	SCREW, SELF TAPPING, Cross Pan Hd, M4.8 x 13,

1.91.7/01 (VAR.177) AUXILIARY LIGHTS KIT (LEFT-HAND DRIVE)



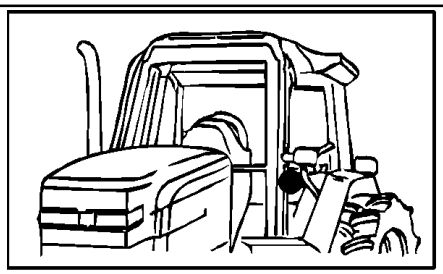


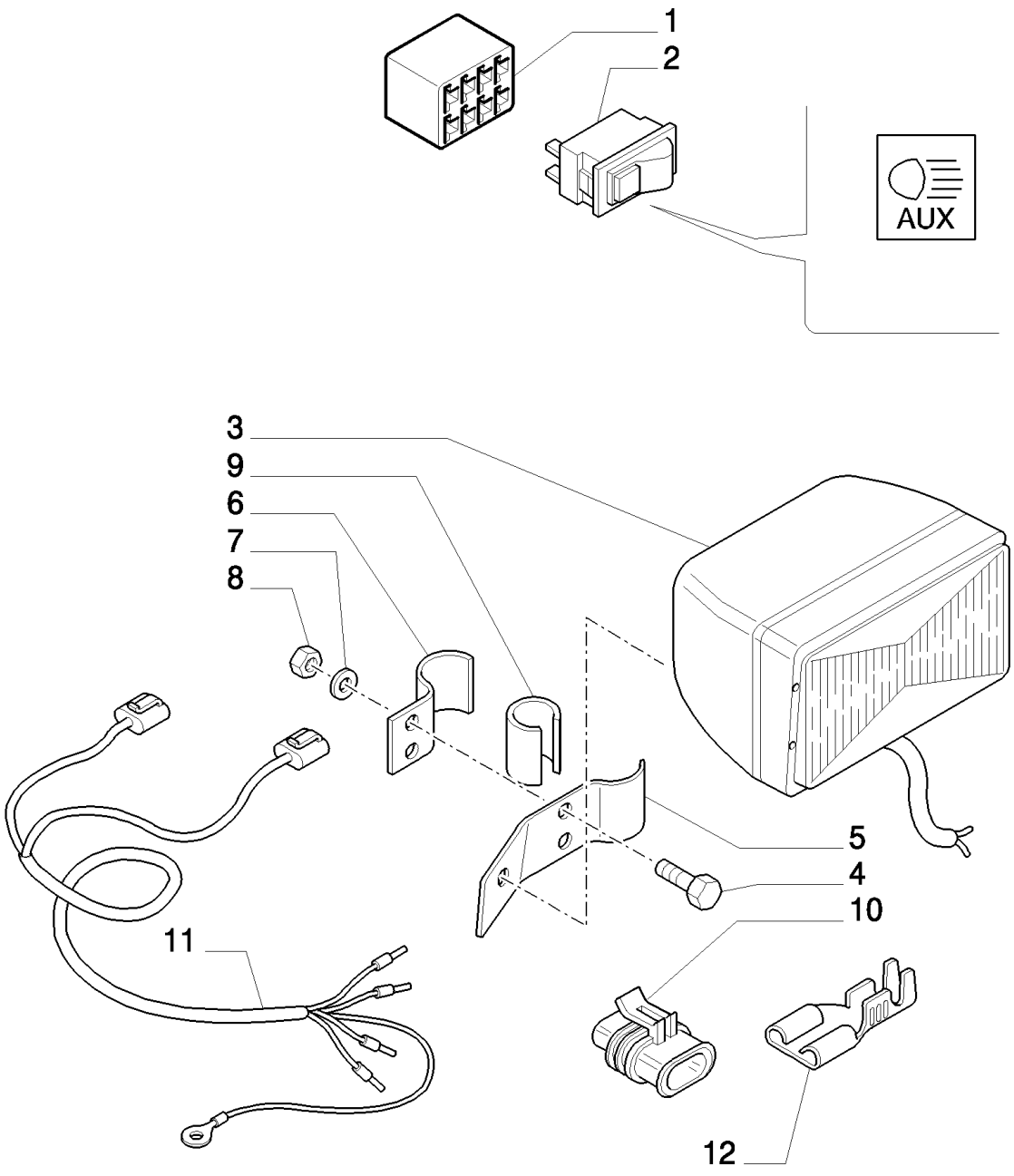
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.7/01 (VAR.177) AUXILIARY LIGHTS KIT (LEFT-HAND DRIVE)

Ref	Part Number	Qty	Description
1	5148448	1	CONNECTOR, ELEC,
2	82019845	1	SWITCH,
3	82019850	2	HEADLAMP, LH, ASSY
4	16043424	4	SCREW, Hex, M8 x 20, 8.8, Full Thd,
5	82020406	1	BRACKET, LH
5	82020407	1	BRACKET, RH
6	82020408	2	BRACKET,
7	14496504	4	WASHER, M8 x 17 x 1.6,
8	16104121	4	NUT, LOCK, M8 x 1.25, Cl 10,
9	82019994	2	CLAMP, COLLAR,
10	12453287	2	CONNECTOR, WIRE,
11	82019667	1	HARNESS, WIRE,
12	12062644	4	CABLE TERMINAL,

1.91.7/02 (VAR.177/1) AUXILIARY LIGHTS KIT (RIGHT-HAND DRIVE)

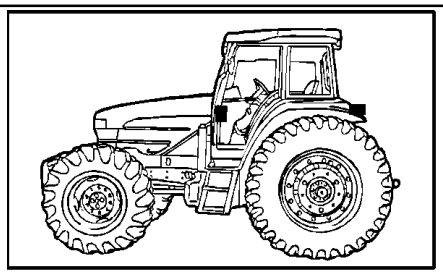


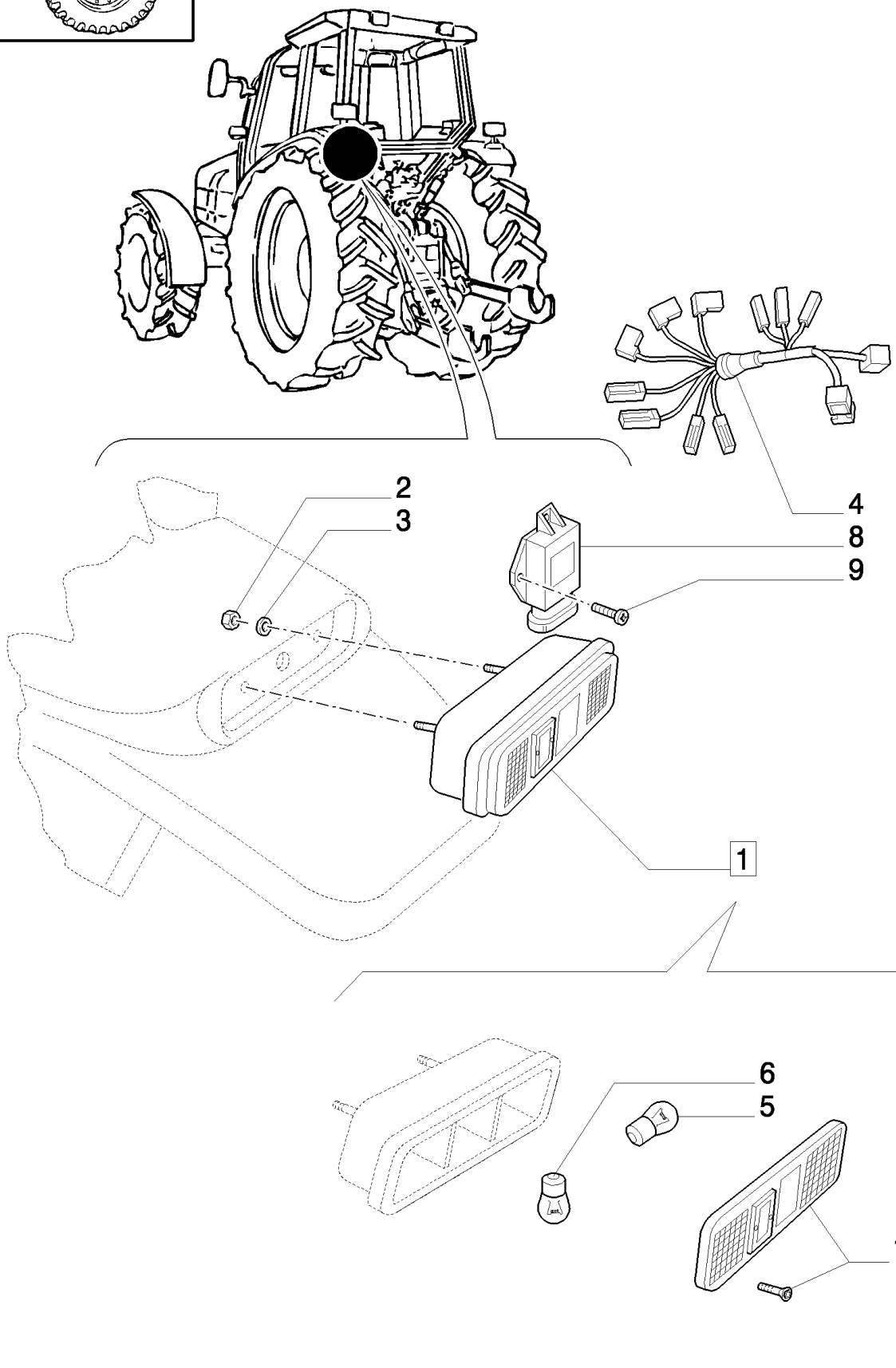


TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.7/02 (VAR.177/1) AUXILIARY LIGHTS KIT (RIGHT-HAND DRIVE)

Ref	Part Number	Qty	Description
1	5148448	1	CONNECTOR, ELEC,
2	82019845	1	SWITCH,
3	82019521	2	HEADLAMP, RH,
4	16043424	4	SCREW, Hex, M8 x 20, 8.8, Full Thd,
5	82020406	1	BRACKET, LH
5	82020407	1	BRACKET, RH
6	82020408	2	BRACKET,
7	14496504	4	WASHER, M8 x 17 x 1.6,
8	16104121	4	NUT, LOCK, M8 x 1.25, Cl 10,
9	82019994	2	CLAMP, COLLAR,
10	12453287	2	CONNECTOR, WIRE,
11	82019667	1	HARNESS, WIRE,
12	12062644	4	CABLE TERMINAL,




2
3
4
8
9
1
6
5
7

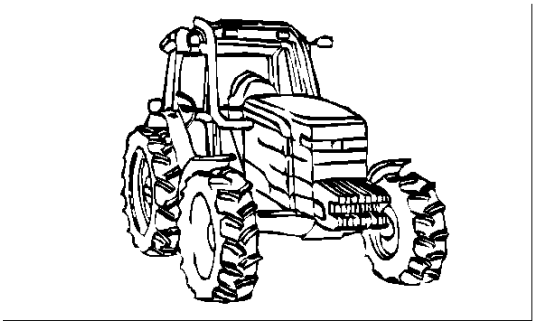
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

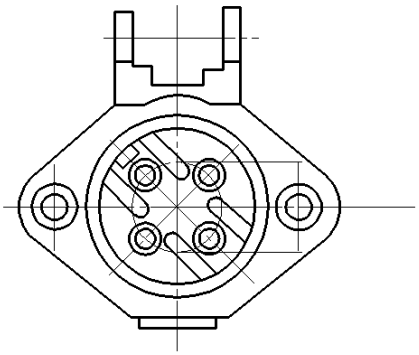
1.91.7/03 (VAR.007) NORTH AMERICA VERSION - NASO - LIGHTING

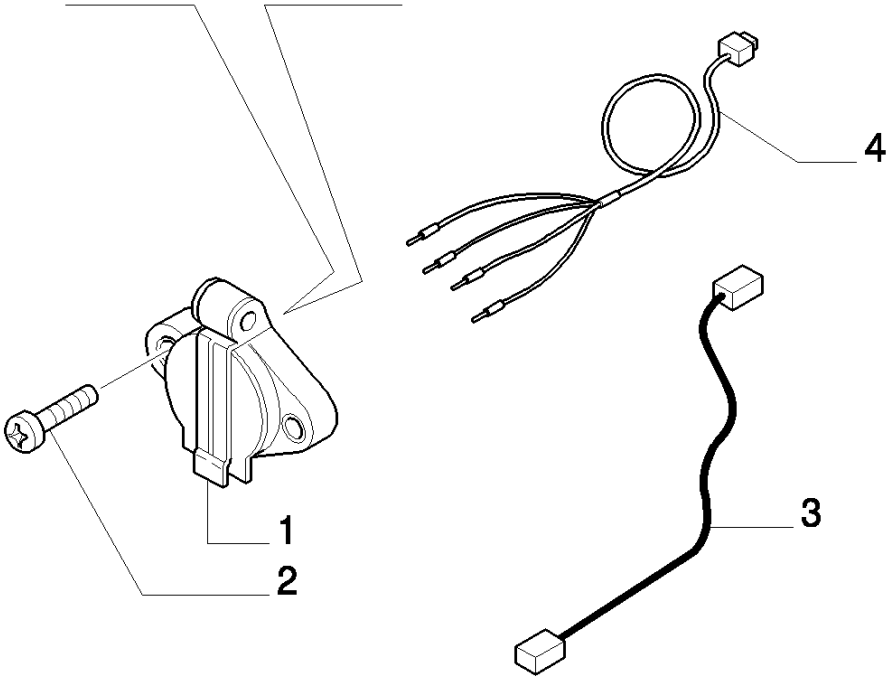
Ref	Part Number	Qty	Description
1	82026304	2	LAMP, TM120, TM130, TM140, TM155
1	82026305	2	BULB, TM175, TM190
2	15896221	4	NUT, M6, Cl 10,
3	10615474	4	WASHER, LOCK, Ext Tooth, M6,
4	82024892	2	HARNESS, WIRE, TM120, TM130, TM140, TM155, BSN ACM265008
4	87366043	2	HARNESS, WIRE, TM120, TM130, TM140, TM155, ASN ACM265009
4	82024893	2	HARNESS, WIRE, TM175, TM190
5	82AG13464AA	1	BULB, 21/5W
6	14148190	1	BULB, 12V-21W
7	82027023	1	LENS, TM120, TM130, TM140, TM155
7	82027022	1	LENS, TM175, TM190
8	47127173	1	FLASHER UNIT, 24 Pin, -C5453
8	82038684	1	FLASHER UNIT, , D5453-
9	15644001	2	SCREW, SELF TAPPING, Cross Pan Hd, M4.2 x 13,

D5281 Serial N.ACM265009 D5453 After Date 12 December 2003

1.91.7/04 (VAR.774) 40 AMP FRONT IMPLEMENT SOCKET





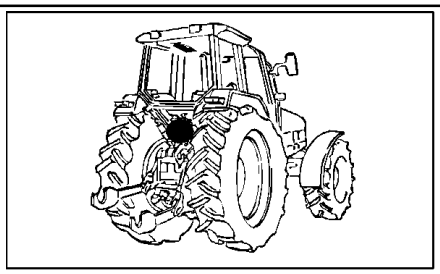


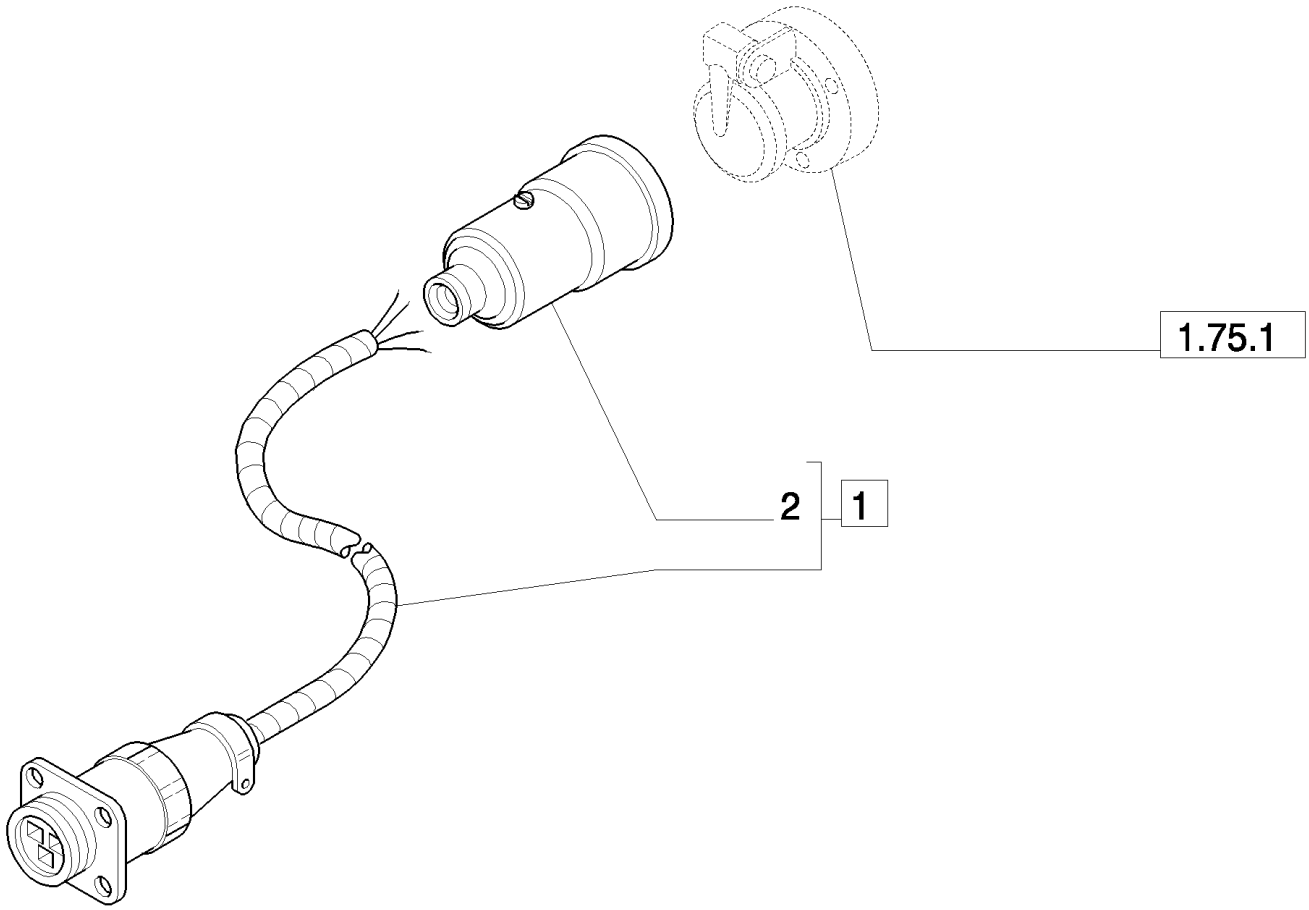
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.7/04 (VAR.774) 40 AMP FRONT IMPLEMENT SOCKET

Ref	Part Number	Qty	Description
1	83982634	1	SOCKET, POWER,
2	13272617	2	SCREW, Cross Pan Hd, M4 x 25,
3	82014359	1	CABLE, ELECTRIC, Implement Socket, Front
4	82014246	1	CABLE, ELECTRIC, Implement Socket

1.91.7/05 (VAR.628) AUXILIARY "SAE" POWER SOCKET ADAPTOR



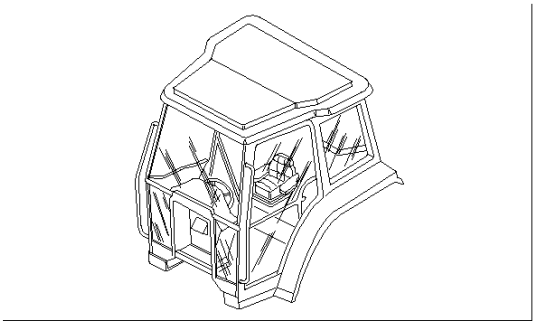


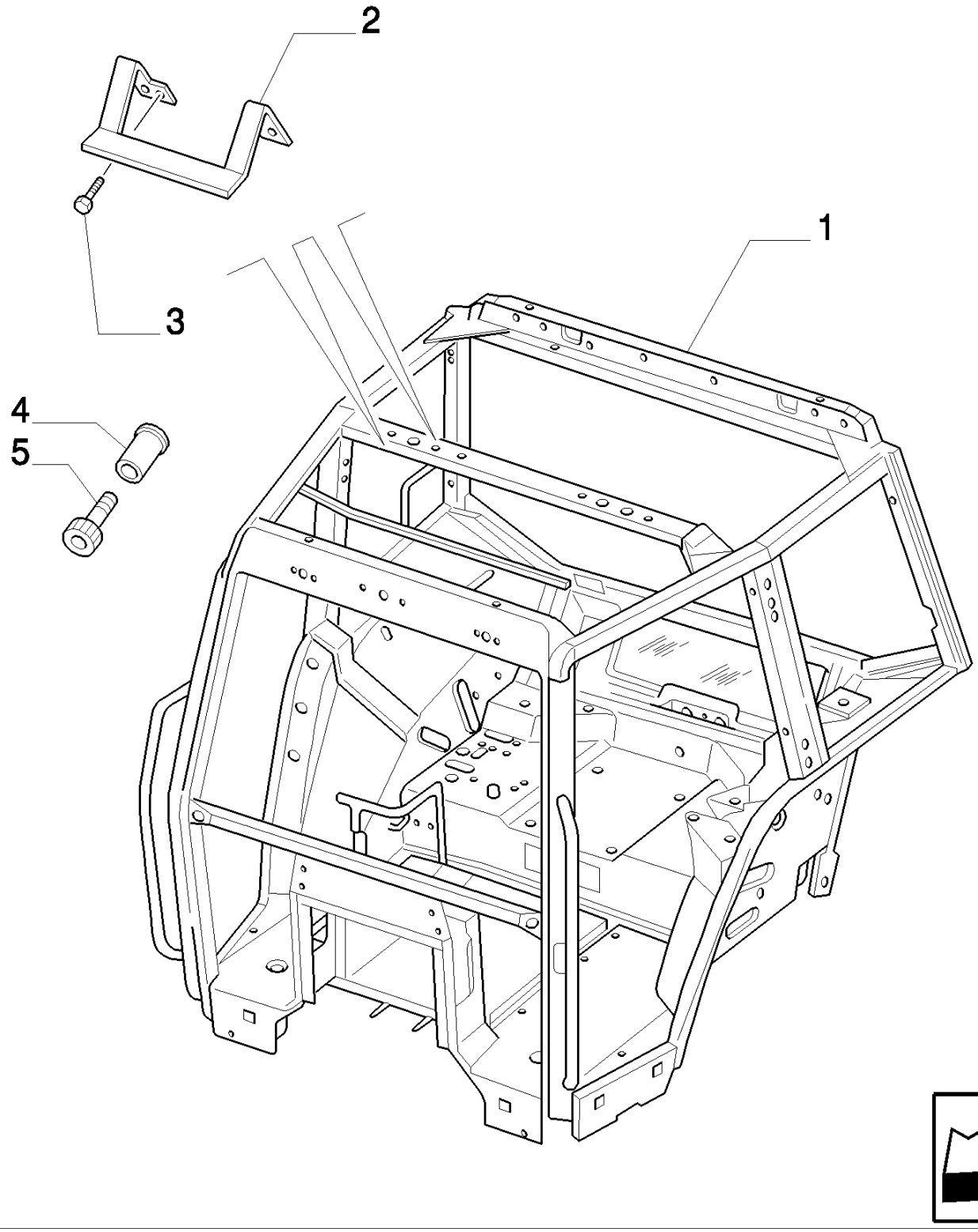
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.91.7/05 (VAR.628) AUXILIARY "SAE" POWER SOCKET ADAPTOR

Ref	Part Number	Qty	Description
1	82015690	1	CABLE, ELECTRIC, , Mating female plug is 86511459.
2	81864735	1	SOCKET, Male, 4 Pin

1.92.1 CAB FRAME

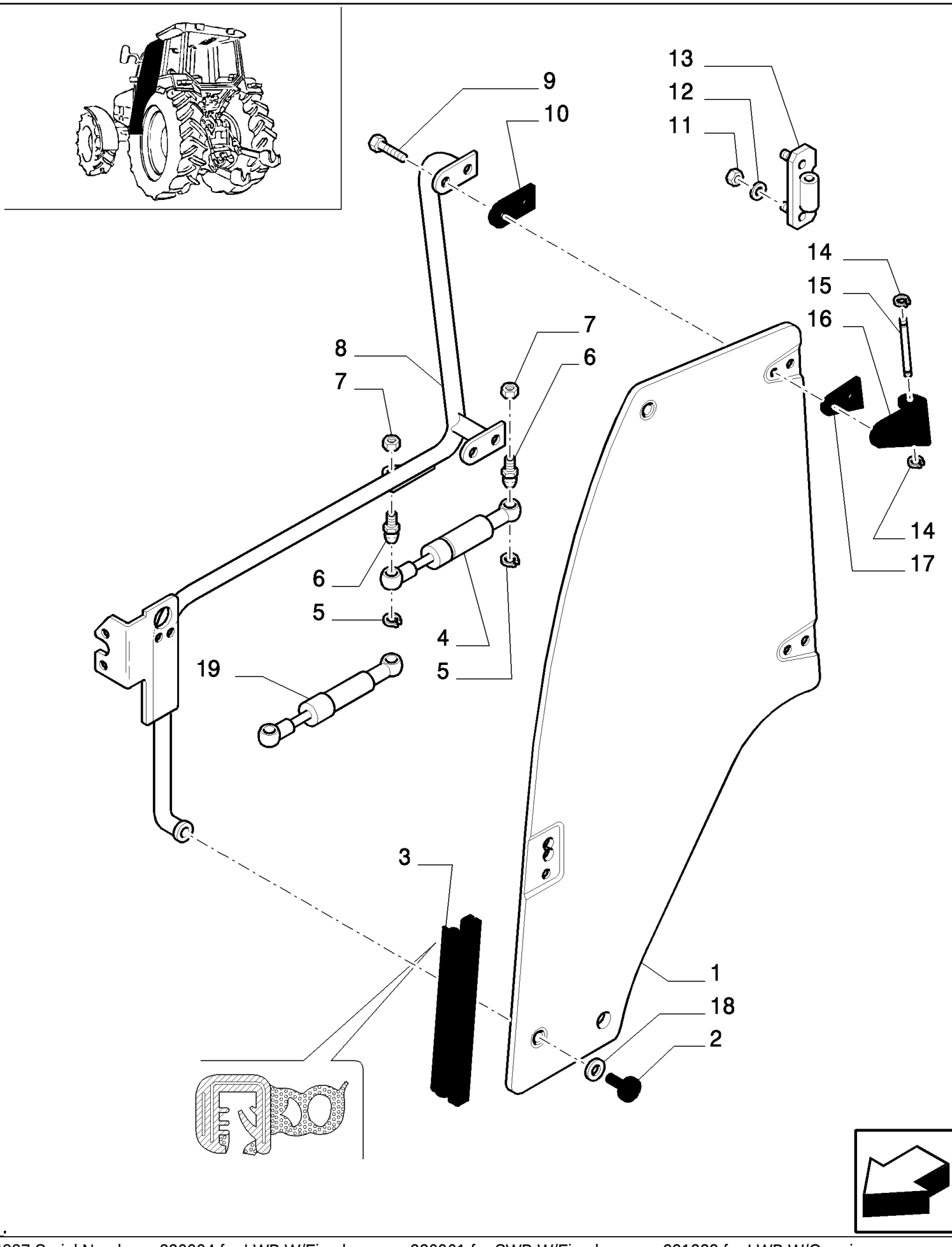




1.92.1 CAB FRAME

Ref	Part Number	Qty	Description
1	87302916	1	FRAME, CAB, TM120, TM130, TM140, TM155, BSN ACM263457
1	87350751	1	FRAME, CAB, TM120, TM130, TM140, TM155, BTW ACM263458 & ACM267842
1	87302914	1	FRAME, CAB, TM175, TM190, BSN ACM263457
1	87350745	1	FRAME, CAB, TM175, TM190, BTW ACM263458 & ACM267842
1	87341127	1	FRAME, CAB, TM120, TM130, TM140, TM155, ASN ACM267843
1	87341093	1	FRAME, CAB, TM175, TM190, ASN ACM267843
2	82013926	1	SUPPORT, TM175, TM190
3	13274411	2	SCREW, Cross Pan Hd, M5 x 20, TM175, TM190
4	82014551	3	NUT, M10 x 1.5
5	14420121	3	SCREW, Hex Soc Hd, M10 x 25, 8.8,

1.92.2(01) DOORS



D4887 Serial Numbers: 220994 for LWB W/Fixed screen, 220961 for SWB W/Fixed screen, 221222 for LWB W/Opening screen, 220942 for SWB W/Opening screen D5258 After Date 07 December 2005

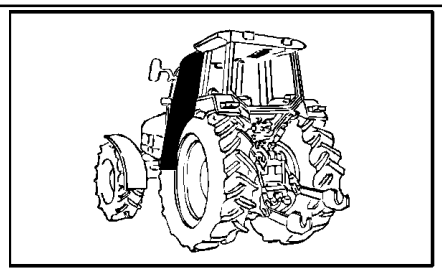
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

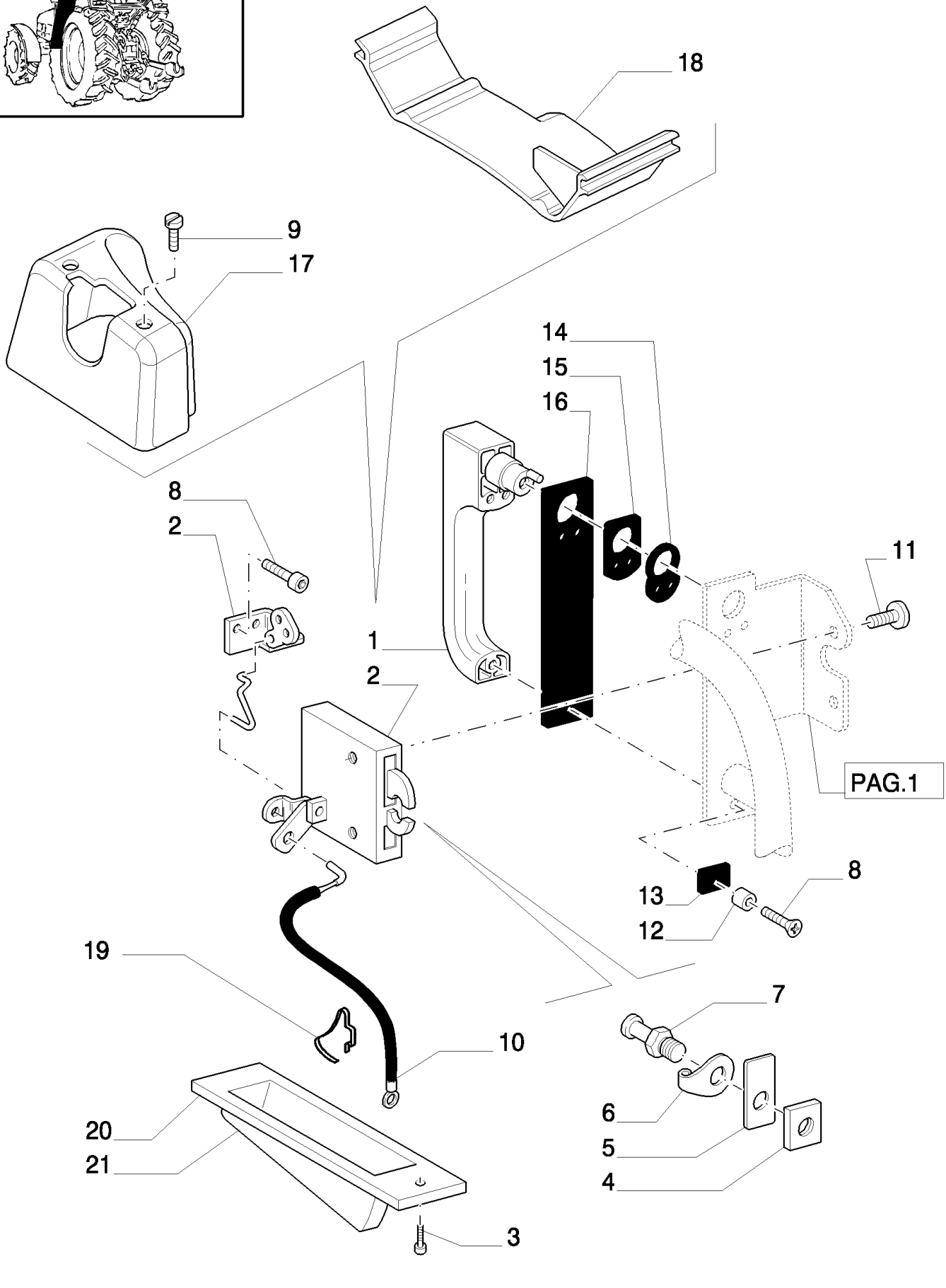
1.92.2(01) DOORS

Ref	Part Number	Qty	Description
1	82036000	1	GLASS, RH
1	82036001	1	GLASS, LH
2	82013304	2	SCREW, M8X1,25
3	82016385	2	WEATHERSTRIP, LENGTH=MM.4220
4	82027922	2	GAS STRUT, , -C5258
5	81869714	4	CLIP,
6	82000409	4	PIN, BALL,
7	16100811	4	NUT, M8, Cl 8,
8	82018982	1	FRAME, RH
8	82018984	1	FRAME, LH
9	82025029	8	SCREW,
10	82016389	4	GASKET,
11	14048221	8	NUT, LOCK, M8 x 1.25, Cl 10,
12	83984751	8	WASHER, M8
13	82018444	2	HINGE, Lower, Upper for rh door and lower for lh door
13	82018445	2	HINGE, Upper, Lower for rh door and upper for lh door
14	9990741	8	RING, SNAP, M8, Ext,
15	83994405	4	PIN,
16	82016386	2	HINGE, Upper, -C4887
16	82035978	2	HINGE, Upper, Lower for rh door and upper for lh door, D4887-
16	82016387	2	HINGE, Lower, -C4887
16	82035979	2	HINGE, Lower, Upper for rh door and lower for lh door, D4887-
17	82016391	4	GASKET, , -C4887
17	82035977	4	GASKET, , D4887-
18	81868323	2	WASHER,
19	87378324	1	GAS STRUT, , D5258-

D4887 Serial Numbers: 220994 for LWB W/Fixed screen, 220961 for SWB W/Fixed screen, 221222 for LWB W/Opening screen, 220942 for SWB W/Opening screen D5258 After Date 07 December 2005

1.92.2(02) DOORS



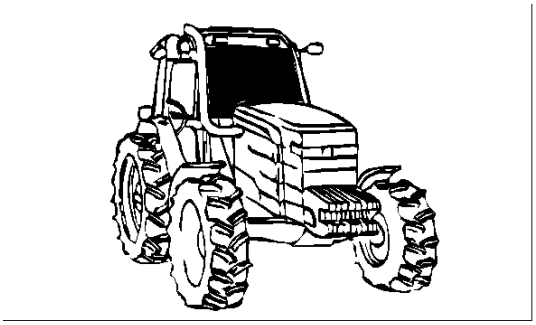


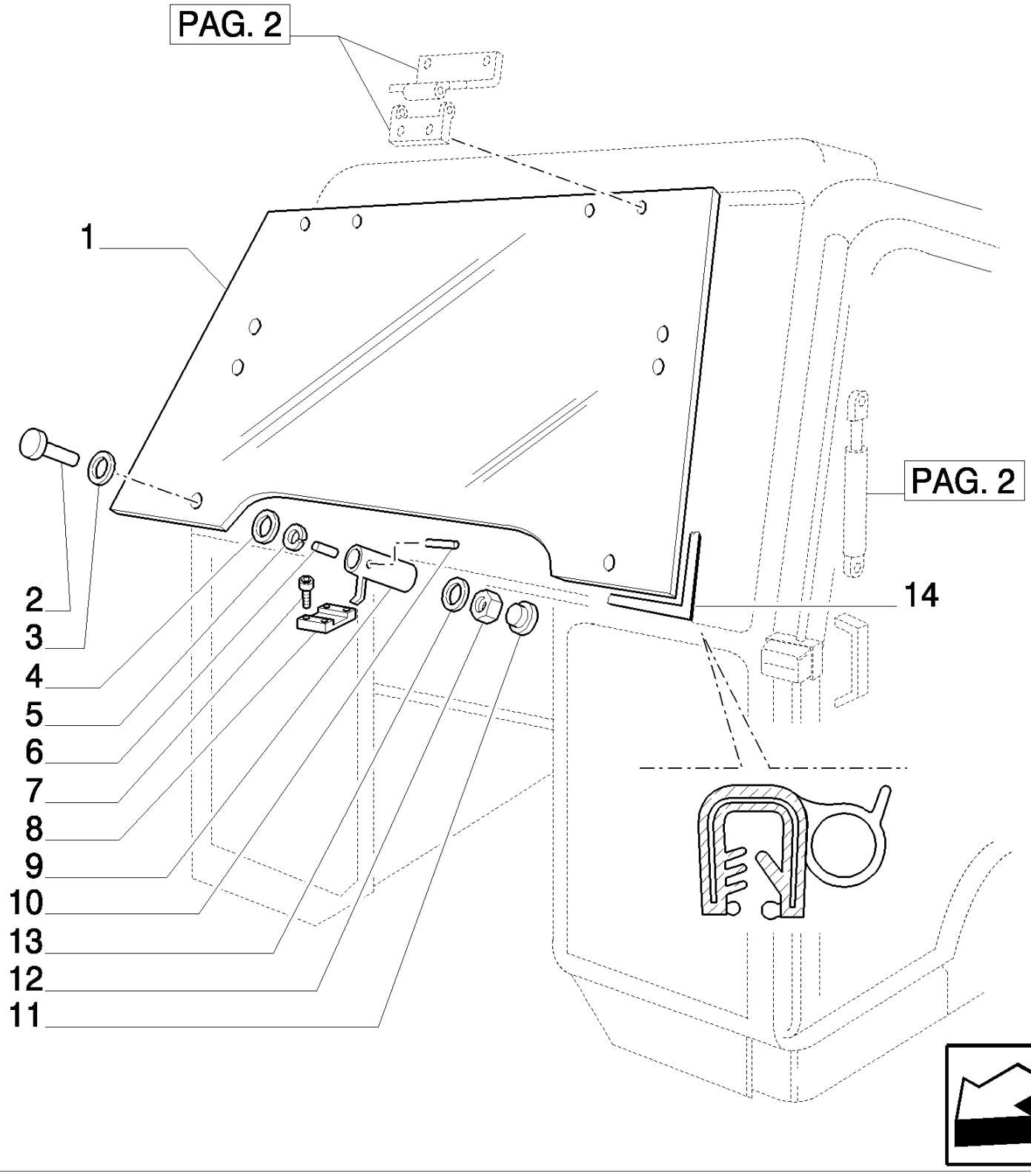
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.92.2(02) DOORS

Ref	Part Number	Qty	Description
1	82019604	2	HANDLE,
2	82016379	1	LOCK, RH, Incl. 10,19,20,21
2	82016412	1	LOCK, LH, Incl. 10,19,20,21
3	15688001	2	SCREW, SELF TAPPING, Cross Pan Hd, M4.2 x 13,
4	83994378	2	NUT, M12X1
5	82018460	2	PLATE,
6	82019370	2	COVER,
7	83969563	2	LATCH,
8	10902824	6	BOLT, Hex, M6 x 30, 8.8,
9	83956457	4	SCREW, Hex Flat Hd, M4 x 10, 4.8,
10	82016403	2	CABLE,
11	14442031	4	SCREW, Hex Soc Flat Hd, M8 x 20, 10.9,
12	83961987	2	SPACER, 6,2X12,5X10
13	5183634	2	GASKET,
14	83994024	2	GASKET,
15	82010403	2	GASKET,
16	82016392	2	GASKET,
17	82016380	1	COVER, Door Latch, RH
17	82016450	1	COVER, Door Latch, LH
18	82018465	1	COVER, Infill Door Cover, RH
18	82018466	1	COVER, Infill Door Cover, LH
19	82035974	2	SPRING,
20	82016408	2	HOUSING,
21	82016406	2	LEVER,

1.92.3(01) (VAR.640) HINGED WINDSHIELD



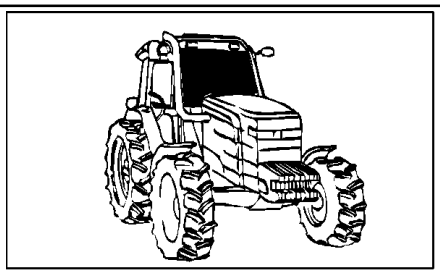


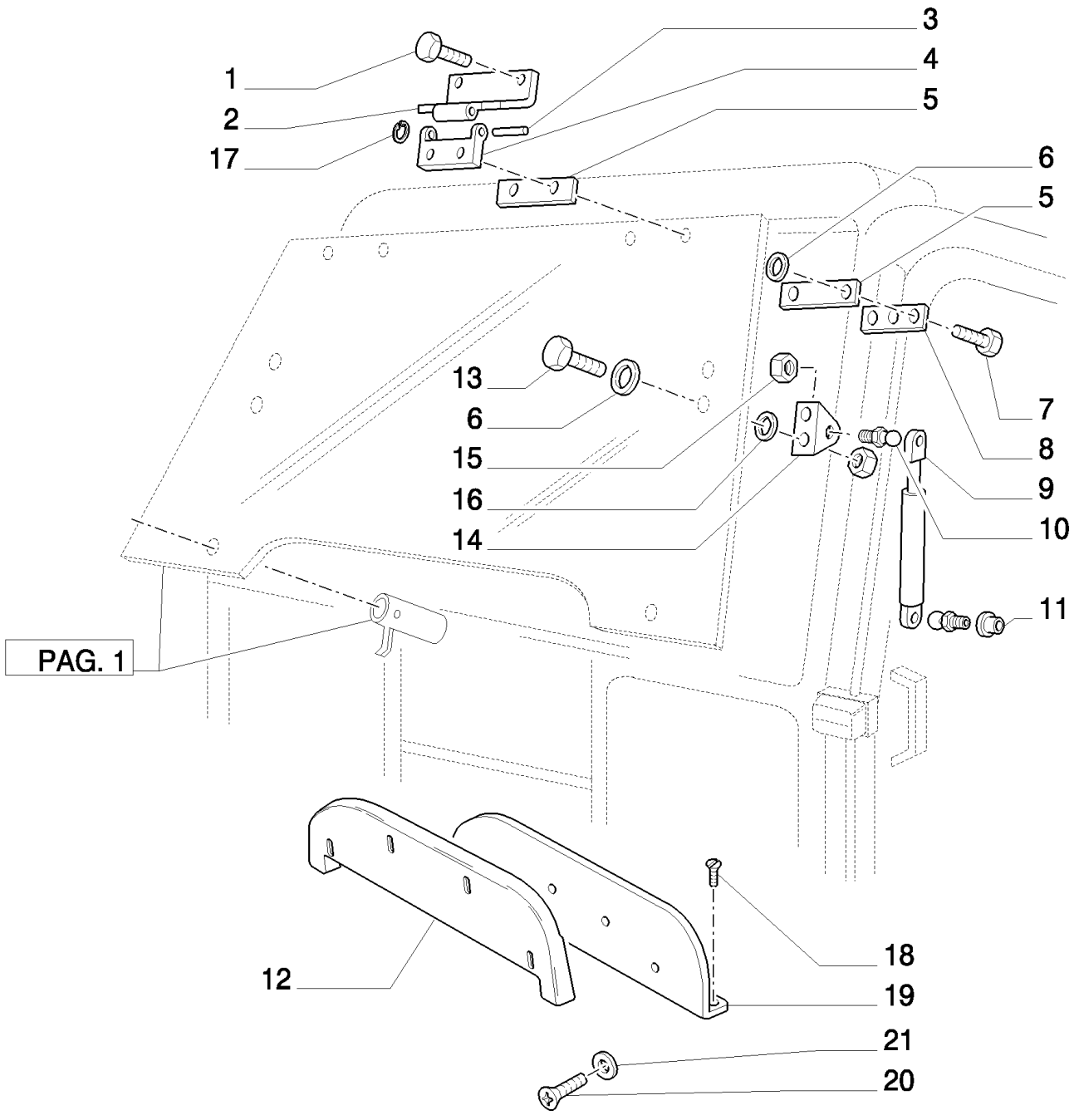
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.92.3(01) (VAR.640) HINGED WINDSHIELD

Ref	Part Number	Qty	Description
1	82000488	1	WINDGUARD,
2	83995345	2	SCREW,
3	81865223	6	WASHER,
4	83995356	2	BUSHING,
5	83995286	2	BUSHING,
6	83995351	2	SPACER,
7	15688607	4	SCREW, SELF TAPPING, Cross Pan Hd, M4.8 x 25,
8	82000919	2	BLOCK,
9	81868309	2	HANDLE,
10	81865250	2	PIN,
11	83961986	2	PLUG,
12	11702921	2	NUT, M12, Cl 10,
13	14499604	2	WASHER, M12 x 20 x 2.5,
14	82008625	1	WEATHERSTRIP,

1.92.3(02) (VAR.640) HINGED WINDSHIELD



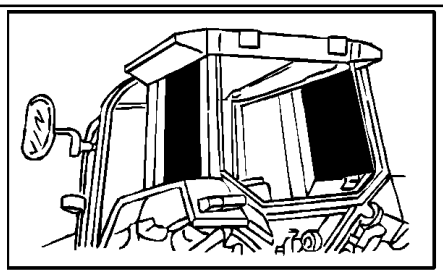


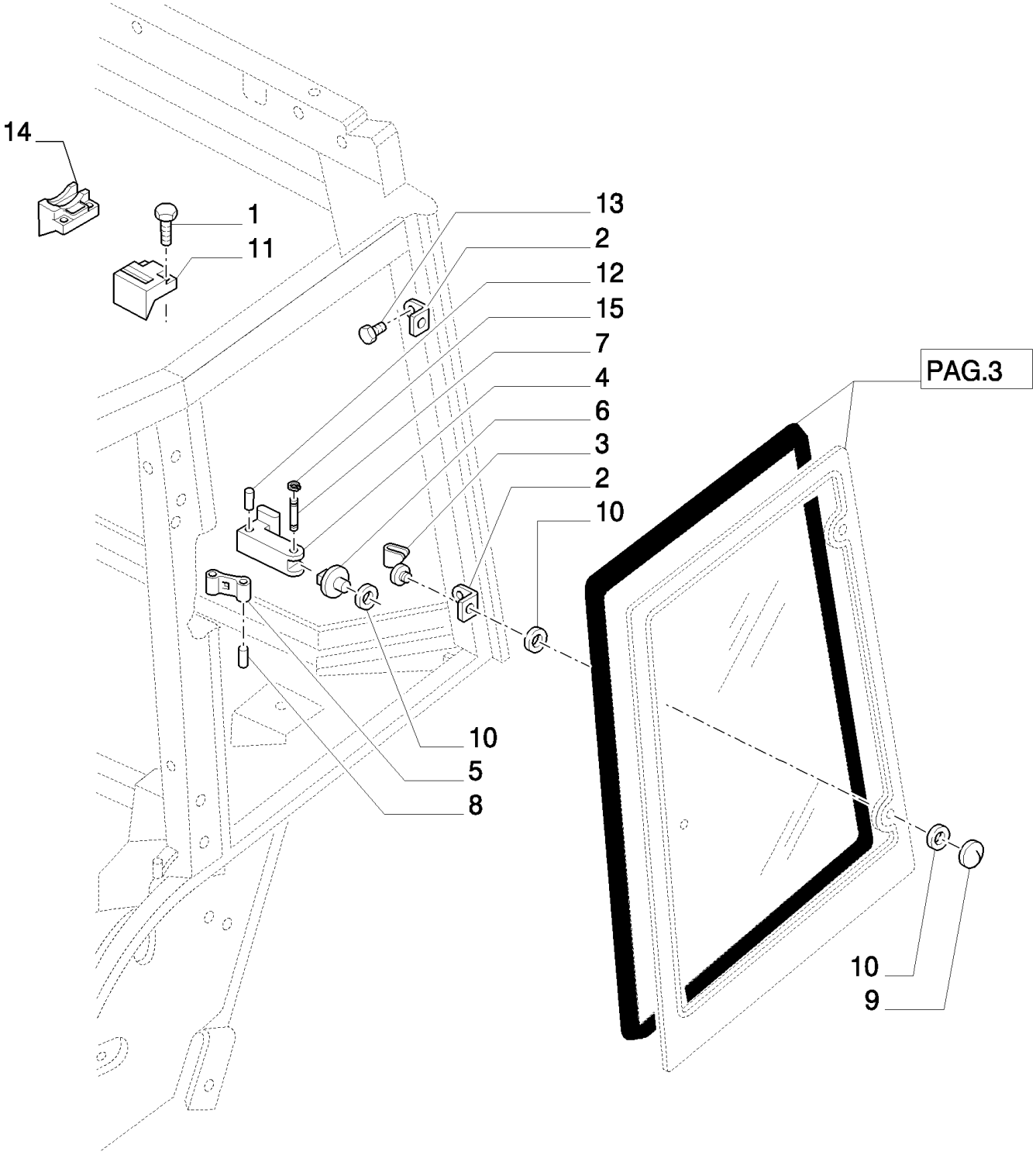
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.92.3(02) (VAR.640) HINGED WINDSHIELD

Ref	Part Number	Qty	Description
1	16200624	4	BOLT, Hex Lock, M8 x 25,
2	82001003	2	BRACKET,
3	82014487	2	PIN,
4	82000317	2	HINGE,
5	81865253	4	SEAL,
6	81865261	4	WASHER,
7	82007919	4	SCREW, M6X20
8	F0NN94440N41AA	2	HINGE,
9	82001505	2	GAS STRUT,
10	83952214	4	PIN, BALL,
11	82850542	2	NUT,
12	82009503	1	PANEL,
12	82030387	1	PANEL, , Only for suspension cab.
13	82013304	4	SCREW,
14	82001004	2	BRACKET,
15	14048221	6	NUT, LOCK, M8 x 1.25, Cl 10,
16	81872309	4	SPACER,
17	11087871	2	CIRCLIP, M7,
18	83929012	AR	SCREW,
19	82006735	1	BRACKET,
20	15687901	4	SCREW, SELF TAPPING, Cross Pan Hd, M4.2 x 9.5,
21	14496301	4	WASHER, 5X10

1.92.4(01) CAB GLASS AND RELEVANT PARTS

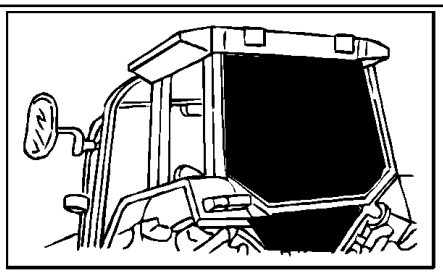


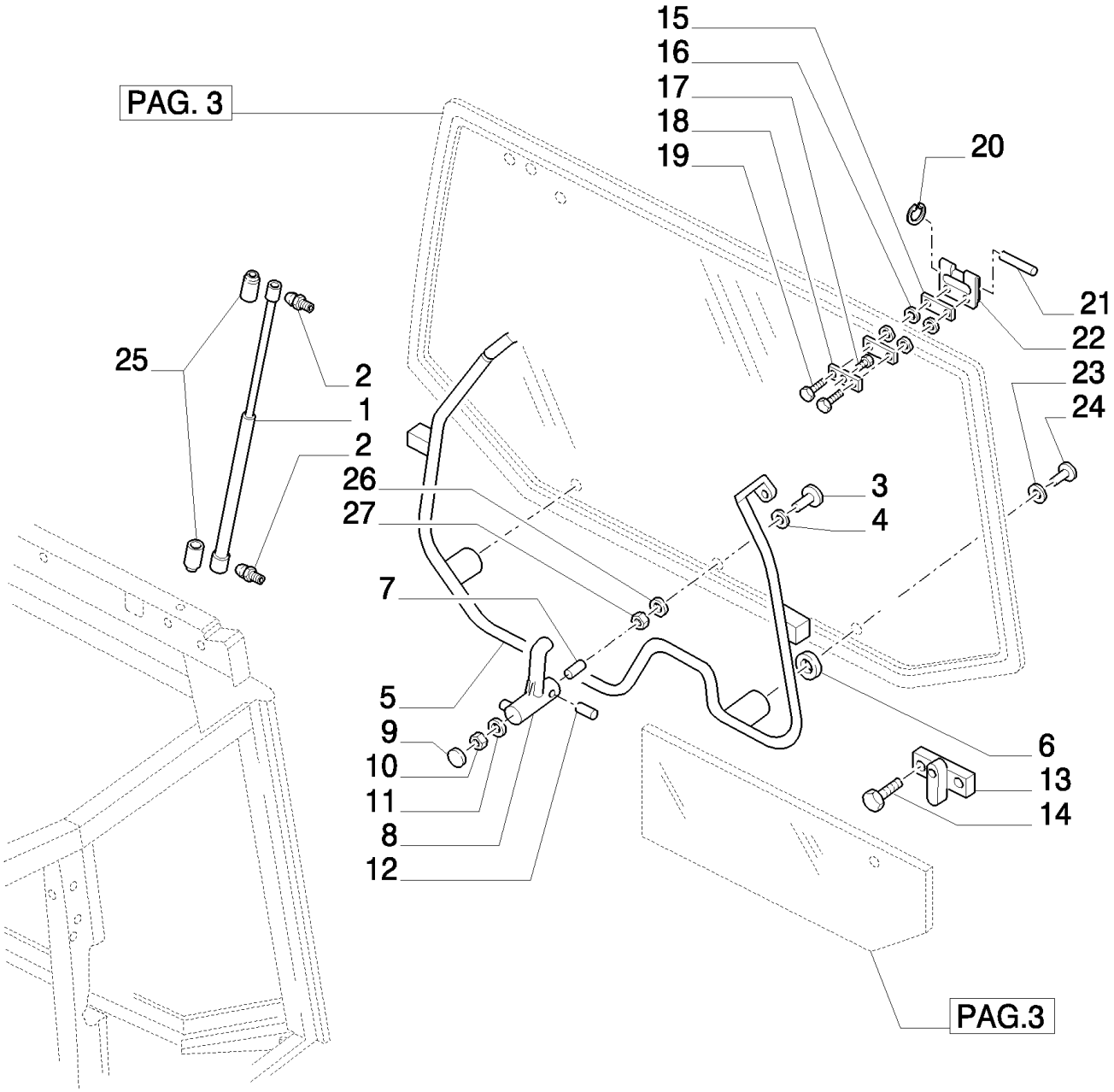


1.92.4(01) CAB GLASS AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	15688607	2	SCREW, SELF TAPPING, Cross Pan Hd, M4.8 x 25,
2	83994424	2	HINGE, RH
2	83994426	2	HINGE, LH
3	81865241	2	COVER, LH
3	81865242	2	COVER, RH
4	81871681	2	HANDLE,
5	81869863	2	ARM,
6	81865236	2	BRACKET,
7	87367620	2	PIN,
8	82012892	2	PIN,
9	83995335	6	RETAINER,
10	83995300	12	RING,
11	81866997	1	BRACKET, , -C4990
12	82012893	2	PIN,
13	81875681	8	SCREW, M6X16
14	87306541	1	BRACKET, , D4990-
15	11087671	4	CIRCLIP, M5,

1.92.4(02) CAB GLASS AND RELEVANT PARTS



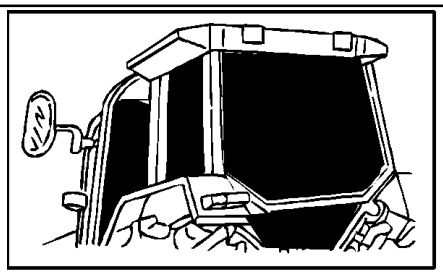


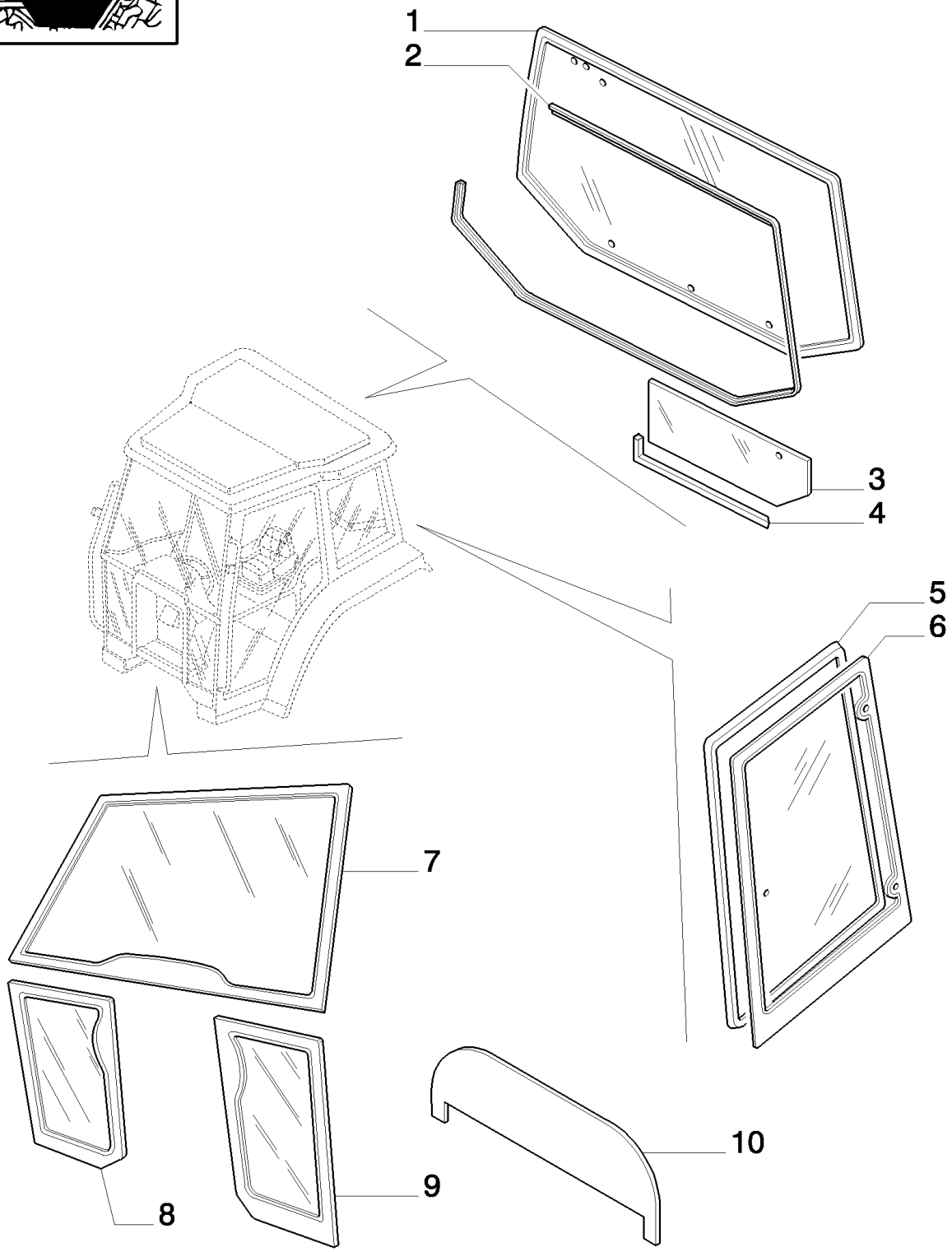
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.92.4(02) CAB GLASS AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	82019393	2	GAS STRUT,
2	83952214	2	PIN, BALL,
3	83995345	1	SCREW, M12X50
4	81865223	2	WASHER,
5	82013085	1	HANDLE,
6	83995286	1	BUSHING,
7	83995351	1	SPACER,
8	87541759	1	HANDLE,
9	83961986	1	PLUG,
10	81853287	1	NUT, LOCK, M12 x 1.75, Cl 8,
11	14499604	1	WASHER, M12 x 20 x 2.5,
12	81865250	1	PIN,
13	82000487	2	LATCH,
14	15909401	4	SCREW, SELF TAPPING, Cross Oval Hd, M3.5 x 19,
15	81865253	4	SEAL,
16	81865261	4	WASHER,
17	13303514	2	SCREW, Phil Flat Hd, M8 x 20, 5.8,
18	F0NN94440N41AA	2	HINGE,
19	82007919	4	SCREW, M6X20
20	11087871	2	CIRCLIP, M7,
21	82014487	2	PIN,
22	82000317	2	HINGE,
23	81868323	4	WASHER,
24	82013304	2	SCREW,
25	82019395	4	GASKET,
26	83995356	1	BUSHING,
27	83995286	1	BUSHING,

1.92.4(03) CAB GLASS AND RELEVANT PARTS



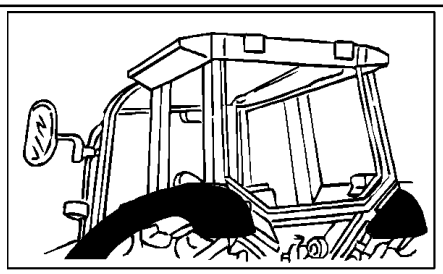


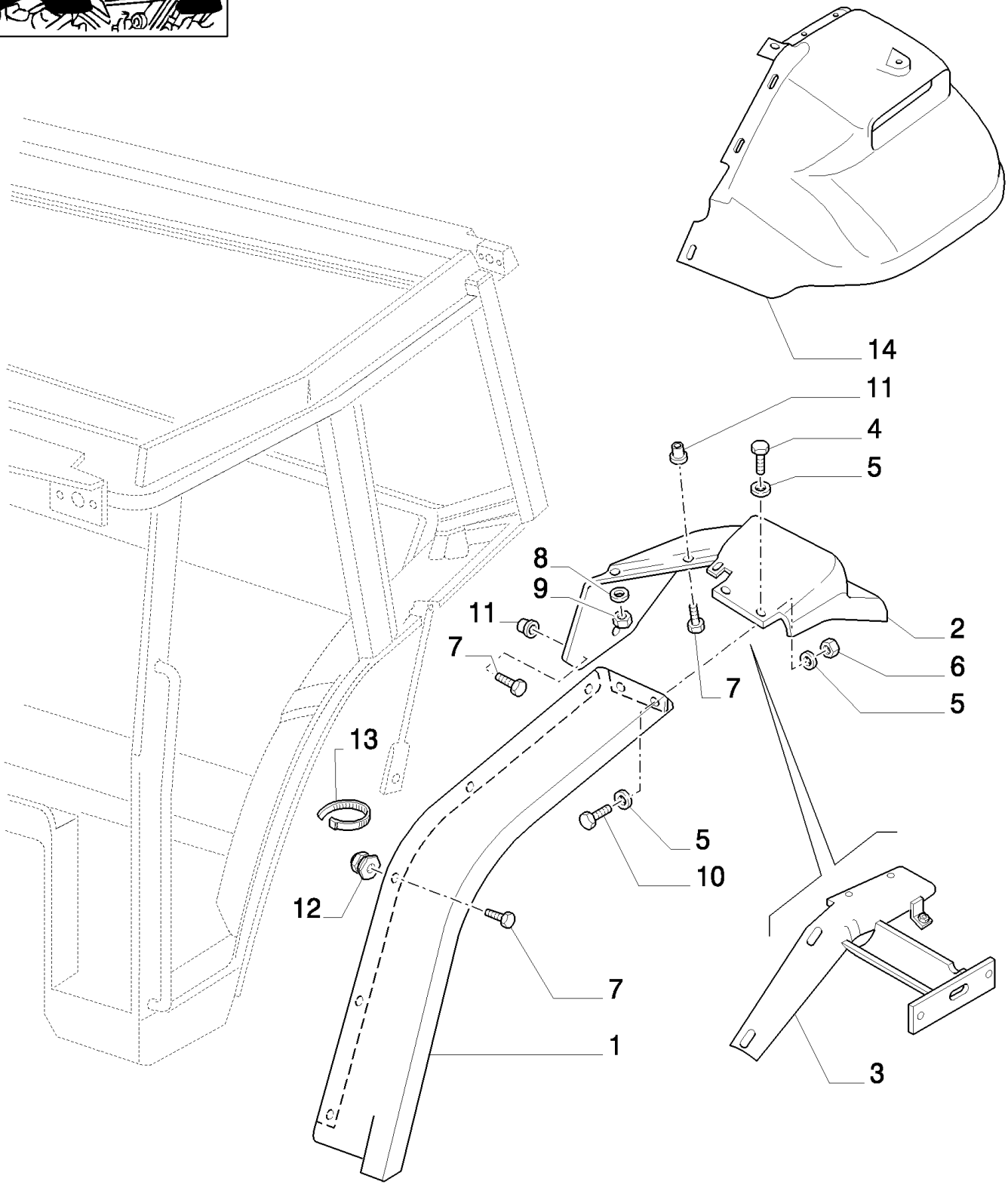
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.92.4(03) CAB GLASS AND RELEVANT PARTS

Ref	Part Number	Qty	Description
1	82014988	1	GLASS,
2	82012294	1	GASKET,
3	82000485	1	GLASS,
4	82008627	1	GASKET,
5	82009814	2	GASKET,
6	82029320	1	GLASS ASSY, CAB, RH
6	82029321	1	GLASS ASSY, CAB, LH
7	82000296	1	GLASS,
8	82001924	1	GLASS ASSY, CAB, RH
9	82001923	1	GLASS ASSY, CAB, LH
10	82030770	1	SOFT TRIM,

1.92.5 REAR FENDERS



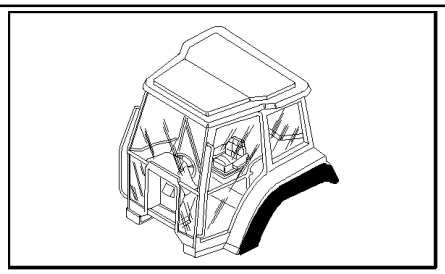


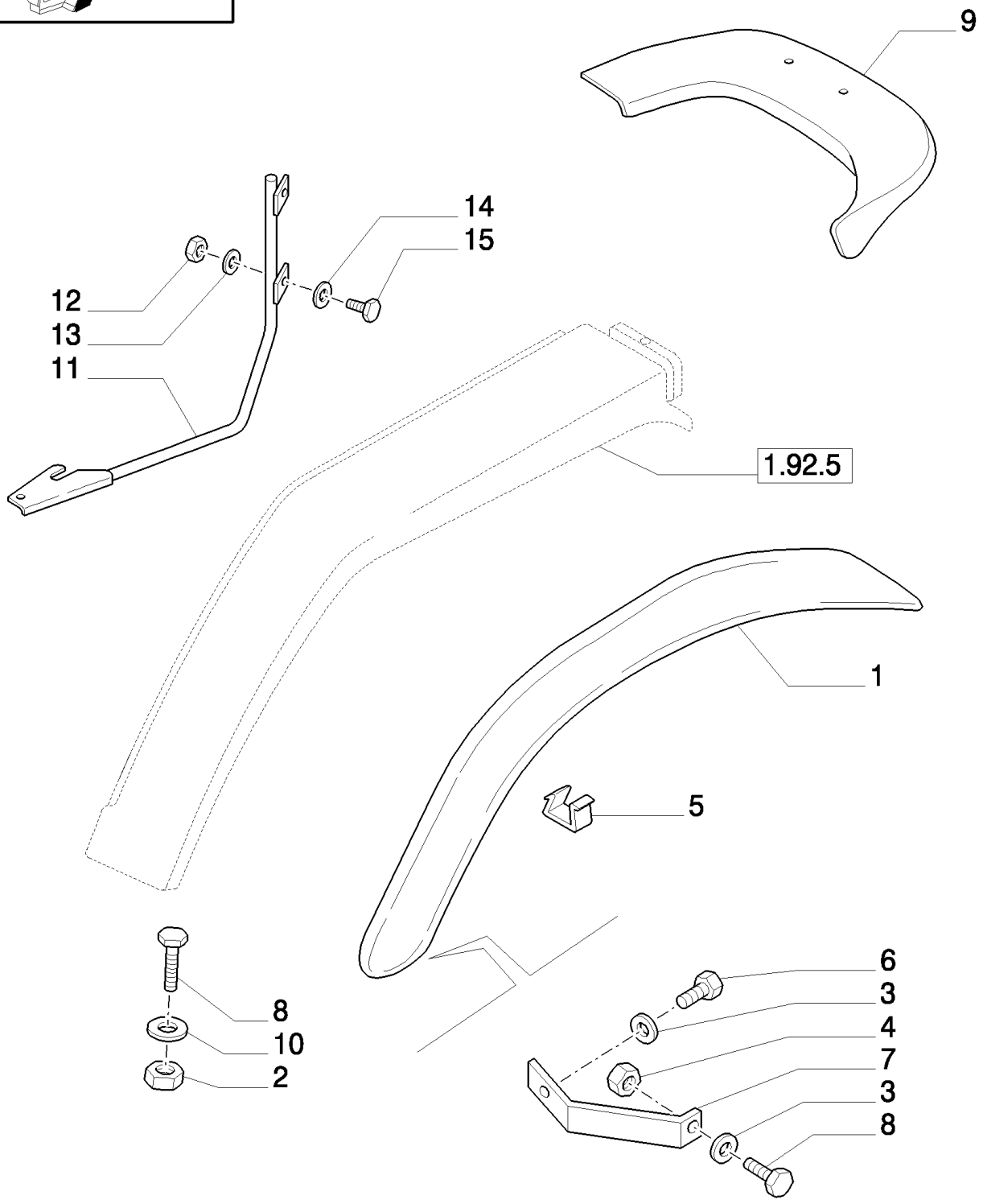
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.92.5 REAR FENDERS

Ref	Part Number	Qty	Description
1	82020942	1	FENDER, REAR, RH, BLUE
1	82020943	1	FENDER, REAR, LH, BLUE
1	82013935	1	PANEL, RH, BLACK
1	82013936	1	PANEL, LH, BLACK
2	82028341	1	FENDER, REAR, RH, BLUE, TM120, TM130, TM140, TM155
2	82028342	1	FENDER, REAR, LH, BLUE, TM120, TM130, TM140, TM155
2	82028336	1	FENDER, REAR, RH, Black, TM120, TM130, TM140, TM155
2	82028337	1	FENDER, REAR, LH, Black, TM120, TM130, TM140, TM155
3	82029122	1	SUPPORT, RH
3	82029123	1	SUPPORT, LH
4	86511830	4	SCREW, Cross Pan Hd, M6 x 20,
5	12647601	12	WASHER, M6 x 16 x 2,
6	15896221	4	NUT, M6, Cl 10,
7	N606689S36B	12	SCREW, HH, W/Washer, M8X1.25X25
8	D4NN3578A	4	SPACER,
9	16104511	4	NUT, LOCK, M8 x 1.25, Cl 8.8,
10	10902424	4	BOLT, Hex, M6 x 20, 8.8, Full Thd,
11	82850542	6	NUT, M8
12	81864782	8	RETAINER, M8
13	5112712	4	STRAP, CABLE, M4.8 x 283, 11.4"
14	82035286	1	EXTENSION, FENDER, RH, BLUE TM175, TM190
14	82035287	1	EXTENSION, FENDER, LH, BLUE TM175, TM190
14	82035282	1	EXTENSION, FENDER, RH, BLACK, TM175, TM190
14	82035283	1	EXTENSION, FENDER, LH, BLACK, TM175, TM190

1.92.5/01(02) (VAR. 869) MUDGUARDS SIDE SHIELD



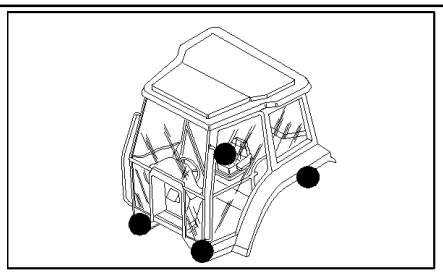


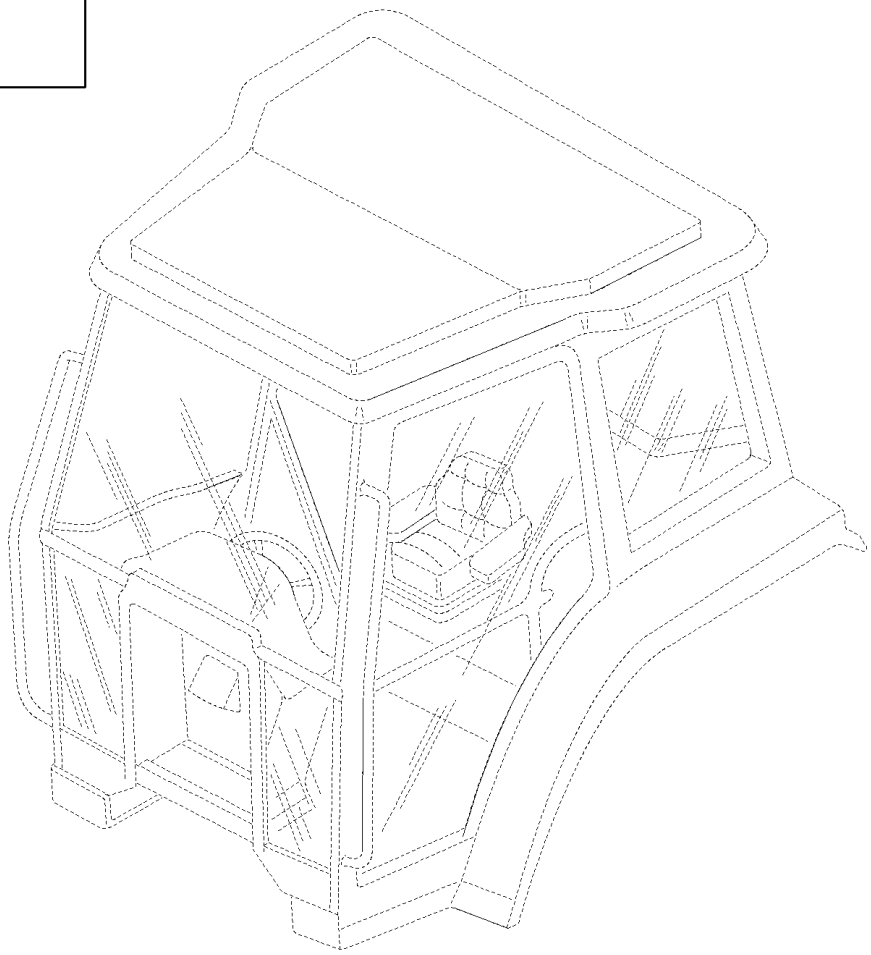
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

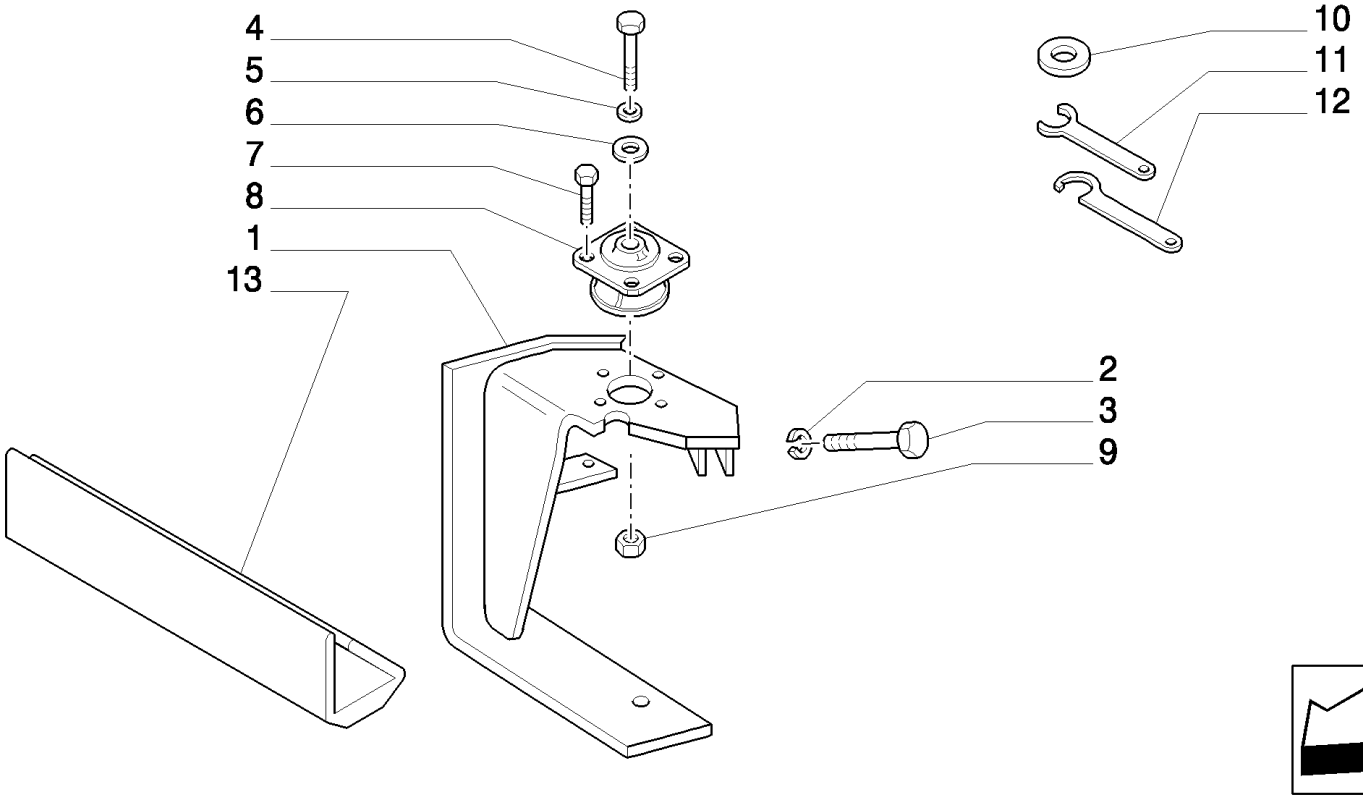
1.92.5/01(02) (VAR. 869) MUDGUARDS SIDE SHIELD

Ref	Part Number	Qty	Description
1	82028809	1	FENDER, REAR, RH
1	82028810	1	FENDER, REAR, LH
2	15896211	1	NUT, M6, Cl 8,
3	12647601	4	WASHER, M6 x 16 x 2,
4	15896221	3	NUT, M6, Cl 10,
5	82010838	38	CLIP,
6	86511830	2	SCREW, Cross Pan Hd, M6 x 20,
7	82008692	1	BRACKET, RH
7	82008693	1	BRACKET, LH
8	10902424	2	BOLT, Hex, M6 x 20, 8.8, Full Thd,
9	82031845	1	FENDER, REAR, RH
9	82028935	1	FENDER, REAR, LH
10	10519404	2	WASHER, M6 x 11.95 x 1.6,
11	82031576	1	SUPPORT, RH
11	82031578	1	SUPPORT, LH
12	12646704	4	WASHER, M8 x 20 x 2,
13	16104511	4	NUT, LOCK, M8 x 1.25, Cl 8.8,
14	81872600	4	WASHER, 7/16"
15	83990985	4	BOLT, Carriage, G4.6, M8 x 1.25 x 25

1.92.6/01(01) CAB SUPPORTS





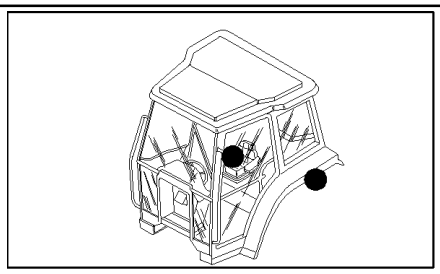


TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.92.6/01(01) CAB SUPPORTS

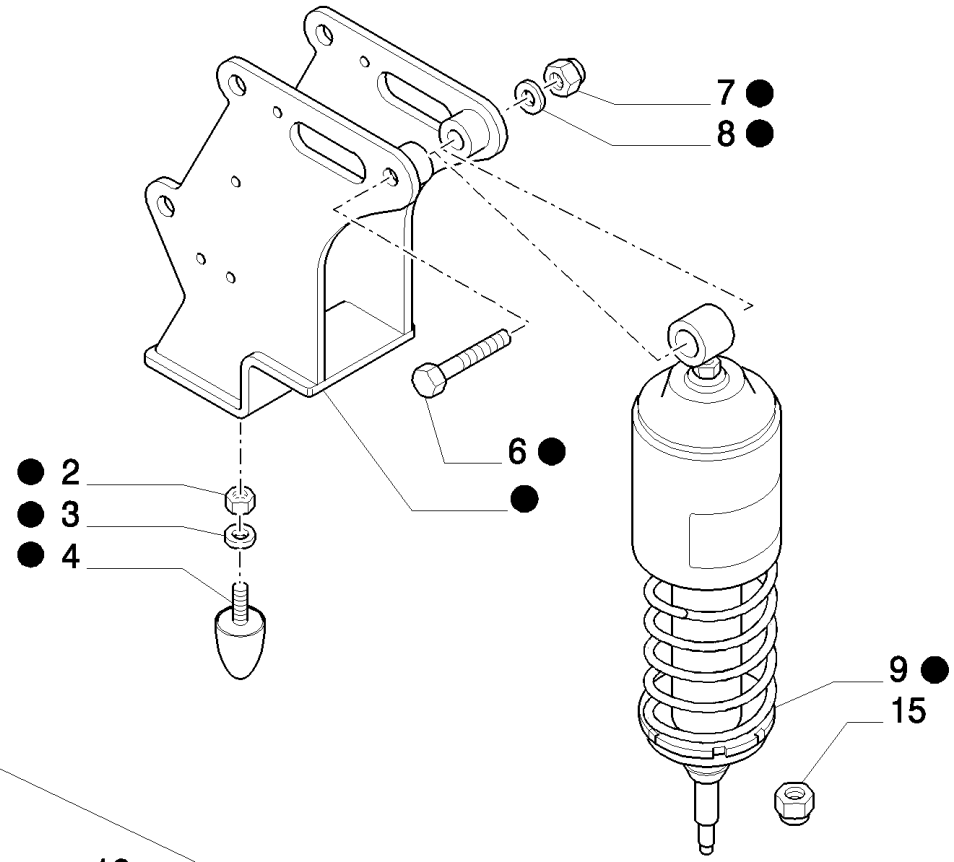
Ref	Part Number	Qty	Description
1	82025414	1	SUPPORT, LH
1	82025416	1	SUPPORT, RH
2	10517174	8	WASHER,
3	16214621	8	BOLT, Hex, M14 x 50,
4	88007	2	BOLT, Hex, 3/4"-10 x 4 1/2", G5,
4	9602203	4	BOLT, Hex, 3/4"-10 x 5", G8,
5	87381	2	WASHER, 3/4", SAE,
6	82021079	2	SPACER, 20X120X11
7	11112124	8	BOLT, Hex, M12 x 20, 8.8, Full Thd,
8	82021655	2	SHOCK ABSORBER,
8	87314164	4	NUT, 3/4-10
9	280375	2	NUT, LOCK, 3/4"-10, GC,
10	82030853	4	WASHER,
11	82035160	1	KEY, LOCK,
12	82034842	1	KEY, LOCK,
13	87316325	1	LINING,

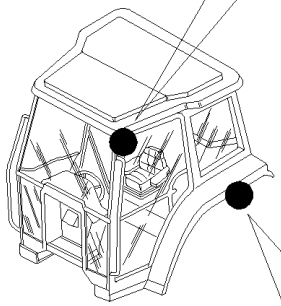
1.92.6/01(02) CAB SUPPORTS

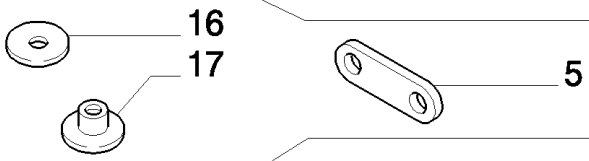


KIT ● = 1

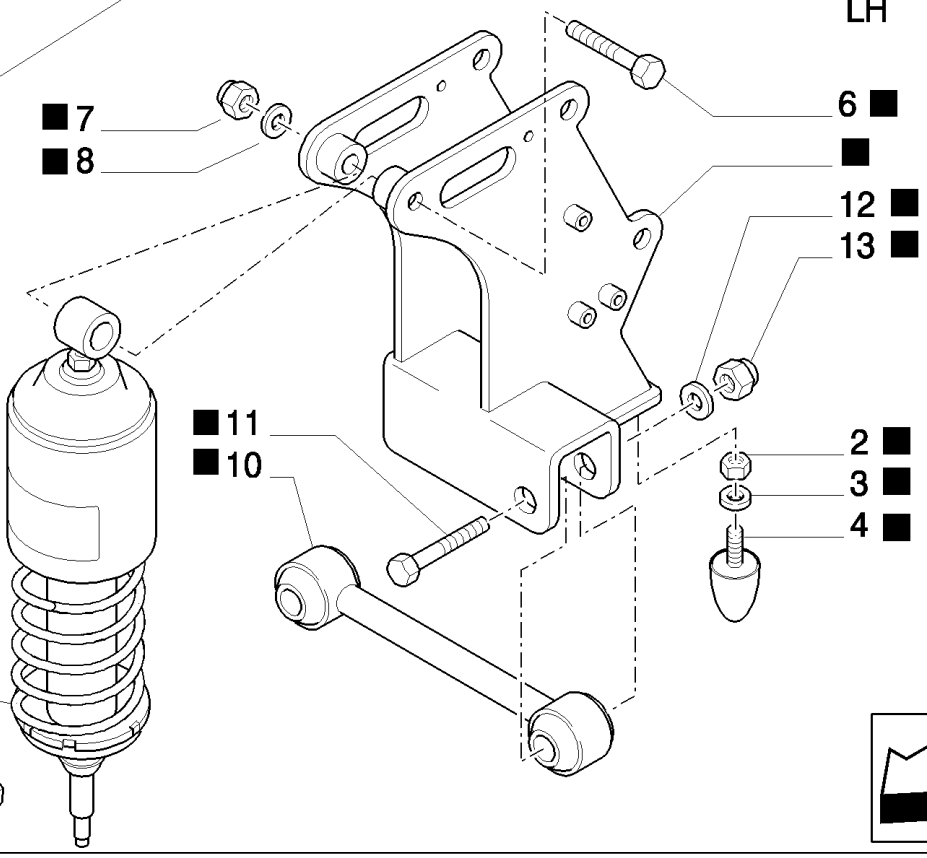
RH







LH



KIT ■ = 14

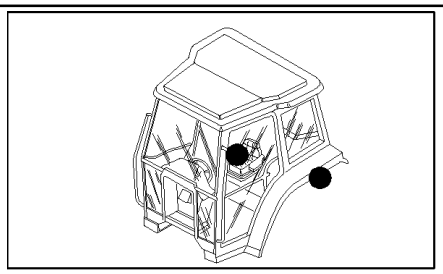
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.92.6/01(02) CAB SUPPORTS

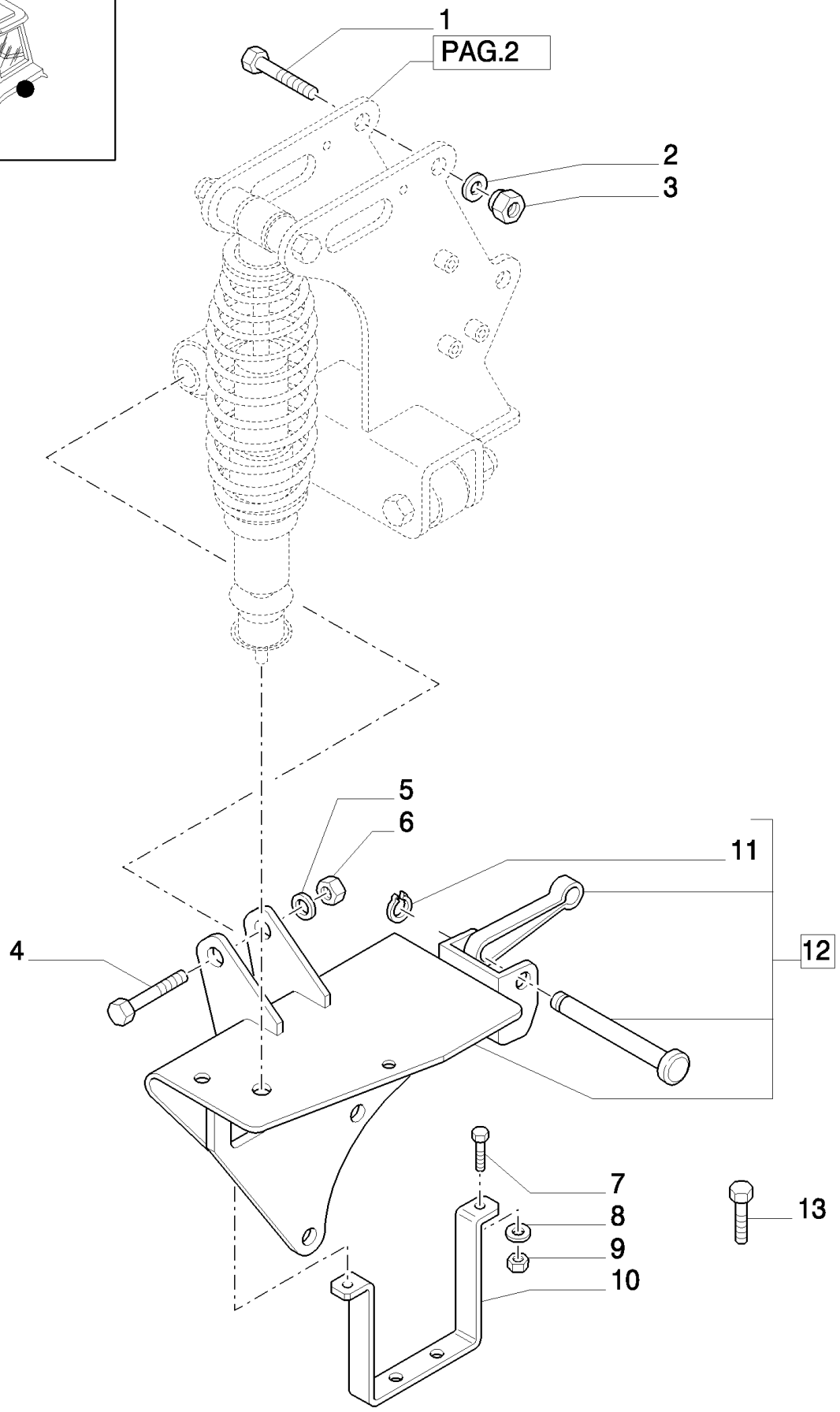
Ref	Part Number	Qty	Description
1	82033878	1	SUSPENSION,
2	16104121	2	NUT, LOCK, M8 x 1.25, Cl 10,
3	14496504	2	WASHER, M8 x 17 x 1.6,
4	44995061	2	SHOCK ABSORBER,
5	82020480	4	SPACER,
6	11114631	1	BOLT, Hex, M12 x 120, 10.9,
7	12577511	2	NUT, LOCK, M12 x 1.25, Cl 8,
8	14496721	2	WASHER, M12 x 24 x 2.5,
9	82033876	2	DAMPER,
10	87302101	1	TIE-ROD,
11	11125721	1	BOLT, Hex, M20 x 100, 8.8,
12	14497101	1	WASHER, M20 x 37 x 3,
13	82020635	1	NUT, M20
14	82036343	1	SUSPENSION, , -C4908
14	82036822	1	SUSPENSION, , D4908-
15	16105021	2	NUT, LOCK, M12 x 1.25, Cl 10,
16	82030853	4	WASHER,
17	82019063	4	RING, RUBBER,

D4908 After Date 06/08/03

1.92.6/01(03) CAB SUPPORTS



LH

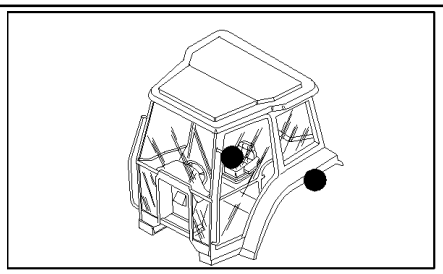


TM190 TRACTOR (6/02-) - Operator's Platform / Cab

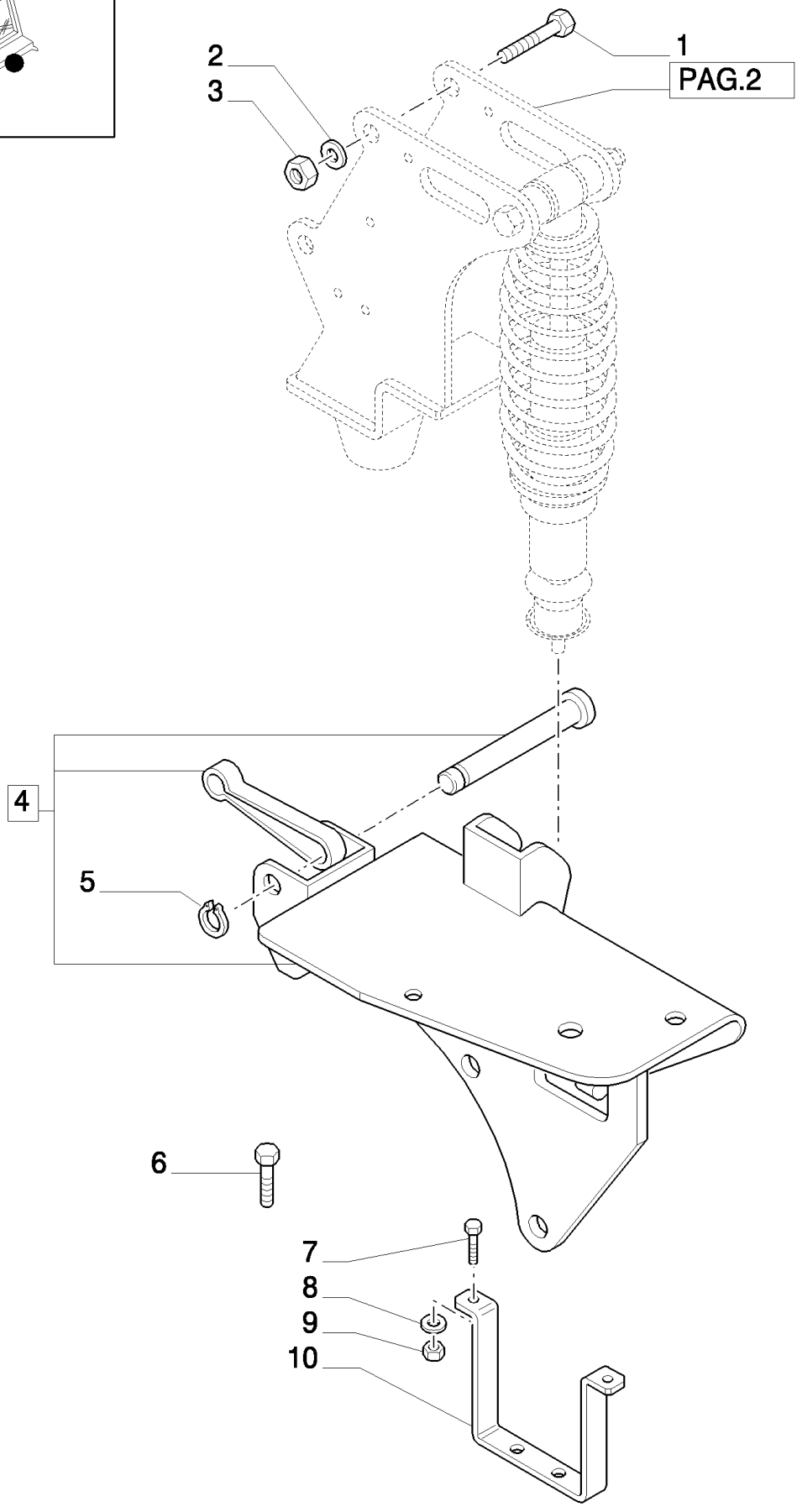
1.92.6/01(03) CAB SUPPORTS

Ref	Part Number	Qty	Description
1	11120321	1	BOLT, Hex, M16 x 120, 8.8,
2	14496901	1	WASHER, M16 x 30 x 3,
3	12577411	1	NUT, LOCK, M16 x 2, Cl 8,
4	11125721	1	BOLT, Hex, M20 x 100, 8.8,
5	82018535	1	SPRING-CHECK, 20X37
6	82020635	1	NUT, M20
7	86629541	2	BOLT, Hex, M12 x 40, 8.8, Full Thd,
8	14496721	2	WASHER, M12 x 24 x 2.5,
9	11702921	2	NUT, M12, Cl 10,
10	82016466	2	BRACKET,
11	82018535	1	SPRING-CHECK,
12	82027592	1	BRACKET,
13	11126121	2	BOLT, Hex, M20 x 120, 8.8,
13	11126521	2	BOLT, Hex, M20 x 140, 8.8,

1.92.6/01(04) CAB SUPPORTS



RH



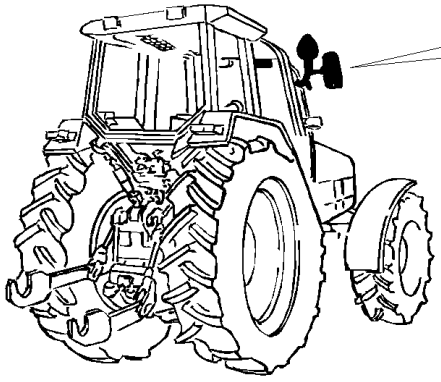
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

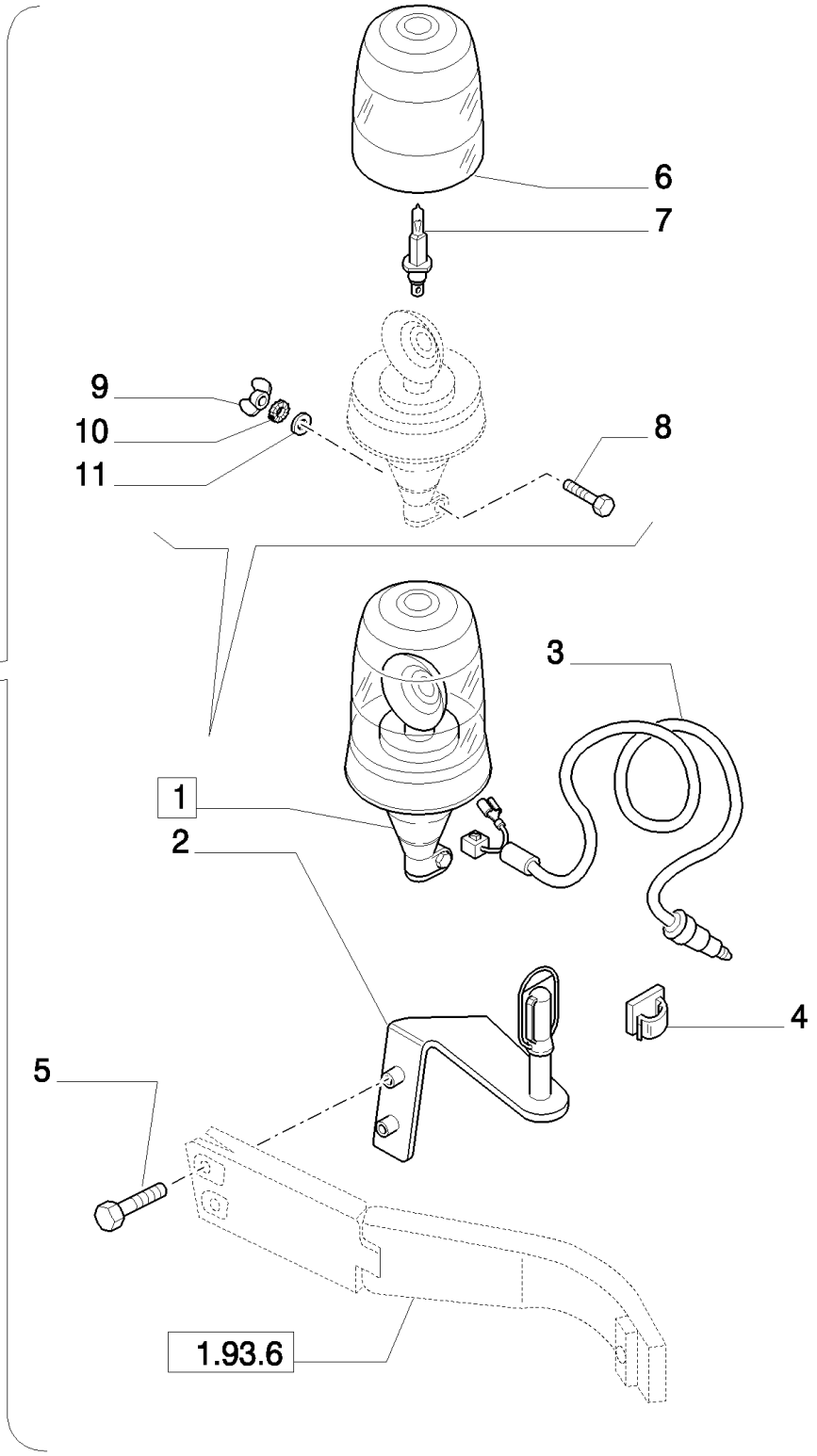
1.92.6/01(04) CAB SUPPORTS

Ref	Part Number	Qty	Description
1	11120321	1	BOLT, Hex, M16 x 120, 8.8,
2	14496901	1	WASHER, M16 x 30 x 3,
3	12577411	1	NUT, LOCK, M16 x 2, Cl 8,
4	82027593	1	BRACKET,
5	82018535	1	SPRING-CHECK,
6	11126121	2	BOLT, Hex, M20 x 120, 8.8,
6	11126521	2	BOLT, Hex, M20 x 140, 8.8,
7	86629541	2	BOLT, Hex, M12 x 40, 8.8, Full Thd,
8	14496721	2	WASHER, M12 x 24 x 2.5,
9	11702921	2	NUT, M12, Cl 10,
10	82016466	1	BRACKET,

1.92.762 (VAR.762) ROTARY BEACON





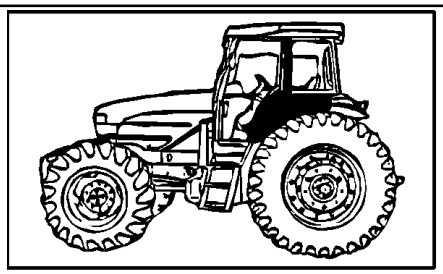


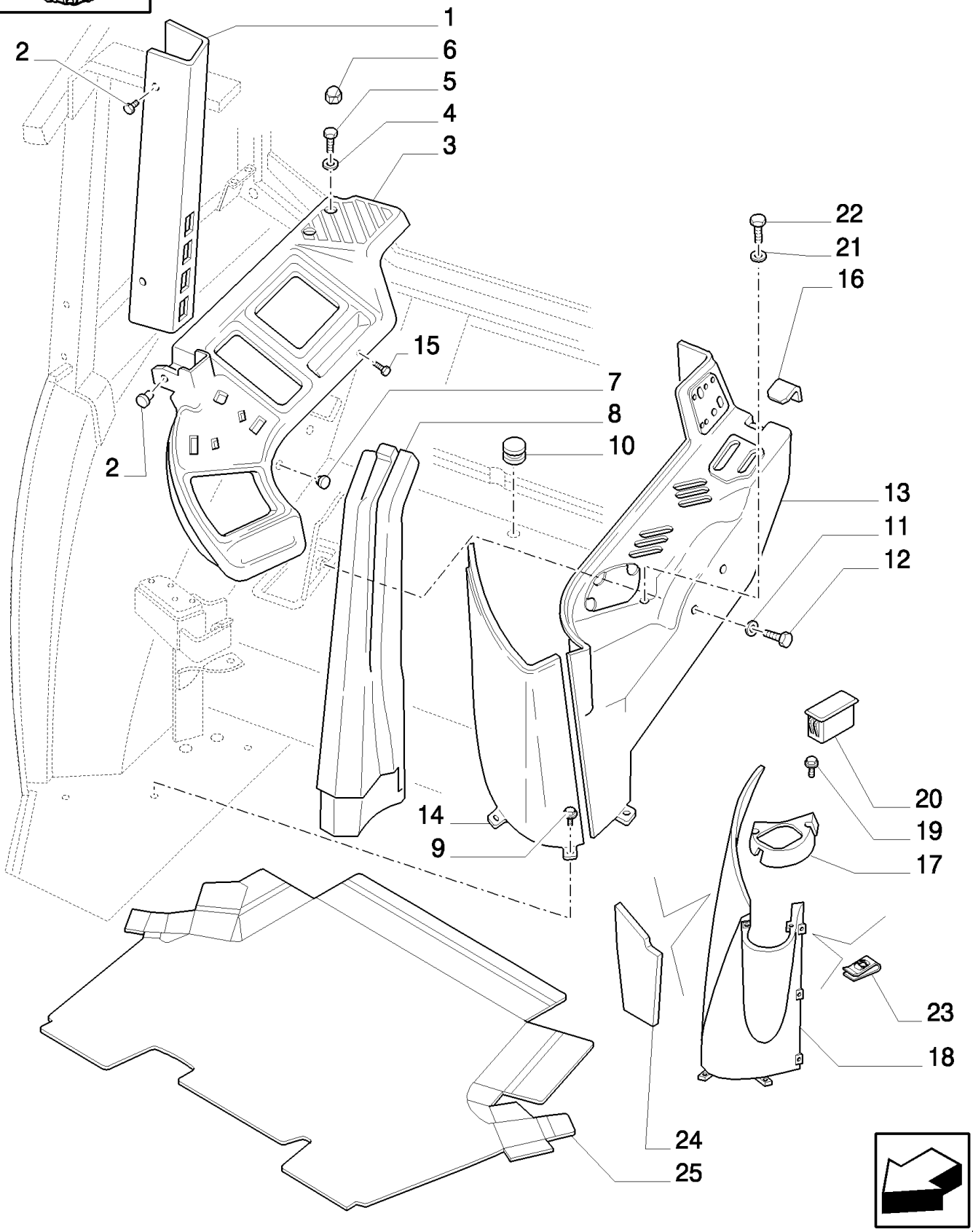
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.92.762 (VAR.762) ROTARY BEACON

Ref	Part Number	Qty	Description
1	82018390	1	BEACON,
2	82027651	1	BRACKET, RH
2	82027652	1	BRACKET, LH
3	82028208	1	CABLE, ELECTRIC,
4	83918745	4	CLIP,
5	14420631	2	SCREW, Hex Soc Hd, M10 x 50, 10.9,
6	82020775	1	LENS,
7	14151095	1	BULB, 12V-55W
8	11106624	1	BOLT, Hex, M10 x 35, 8.8, Full Thd,
9	10101901	1	NUT, M10
10	12605671	1	WASHER, LOCK, Int Tooth, M10,
11	14496621	1	WASHER, M10 x 21 x 2,

1.93.0(01) CONTROLS COVER





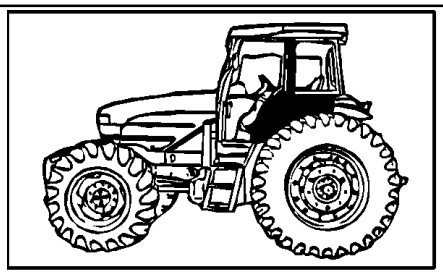
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.93.0(01) CONTROLS COVER

Ref	Part Number	Qty	Description
1	82017218	1	SOFT TRIM, RH
2	83998841	5	STUD,
3	82009009	1	PANEL, RH
4	14496621	4	WASHER, M10 x 21 x 2,
5	11106221	4	BOLT, Hex, M10 x 25, 8.8, Full Thd,
6	82012814	4	CAP,
7	81873232	2	PLUG,
8	82003606	1	PANEL, RH
9	82023989	3	SCREW,
10	D5NN14603K	5	GROMMET,
11	12638104	4	WASHER, M5 x 14 x 1,
12	10977624	2	BOLT, Hex, M5 x 12, 8.8, Full Thd,
13	82025196	1	SOFT TRIM, RH
13	82027661	1	SOFT TRIM, RH,TM120, TM130, TM140, W/Mec. trans. 20x16
14	82009013	1	PANEL, RH, -C5073
14	87301785	1	SOFT TRIM, RH, D5073-
15	15909401	6	SCREW, SELF TAPPING, Cross Oval Hd, M3.5 x 19,
16	82007725	1	PLUG, TM120, TM130, TM140, W/Mec. trans. 20x16
17	82033857	1	COWLING, , W/EQUIP. 244, 245/1, 440, 440/1, 440/2, 444, 714, 714/1, 723, JOYSTICK W/LOADER
18	82033859	1	PANEL, INCL 23., W/EQUIP. 244, 245/1, 440, 440/1, 440/2, 444, 714, 714/1, 723, JOYSTICK W/LOADER, -C5073
18	87301784	1	PANEL, Incl.23, 24, W/EQUIP. 244, 245/1, 440, 440/1, 440/2, 444, 714, 714/1, 723, JOYSTICK W/LOADER, D5073-
19	15687201	3	SCREW, SELF TAPPING, Cross Pan Hd, M3.5 x 13, , W/EQUIP. 244, 245/1, 440, 440/1, 440/2, 444, 714, 714/1, 723, JOYSTICK W/LOADER
20	82022763	1	PLUG, , W/EQUIP. 244, 245/1, 440, 440/1, 440/2, 444, 714, 714/1, 723, JOYSTICK W/LOADER
21	89824840	2	WASHER, M4
22	86511824	2	SCREW, Cross Pan Hd, M4 x 20,
23	14372171	AR	NUT, , W/EQUIP. 244, 245/1, 440, 440/1, 440/2, 444, 714, 714/1, 723, JOYSTICK W/LOADER
24	82019598	1	INSULATION, FOAM, , W/EQUIP. 244, 245/1, 440, 440/1, 440/2, 444, 714, 714/1, 723, JOYSTICK W/LOADER, D5073-
25	87313046	1	MAT,

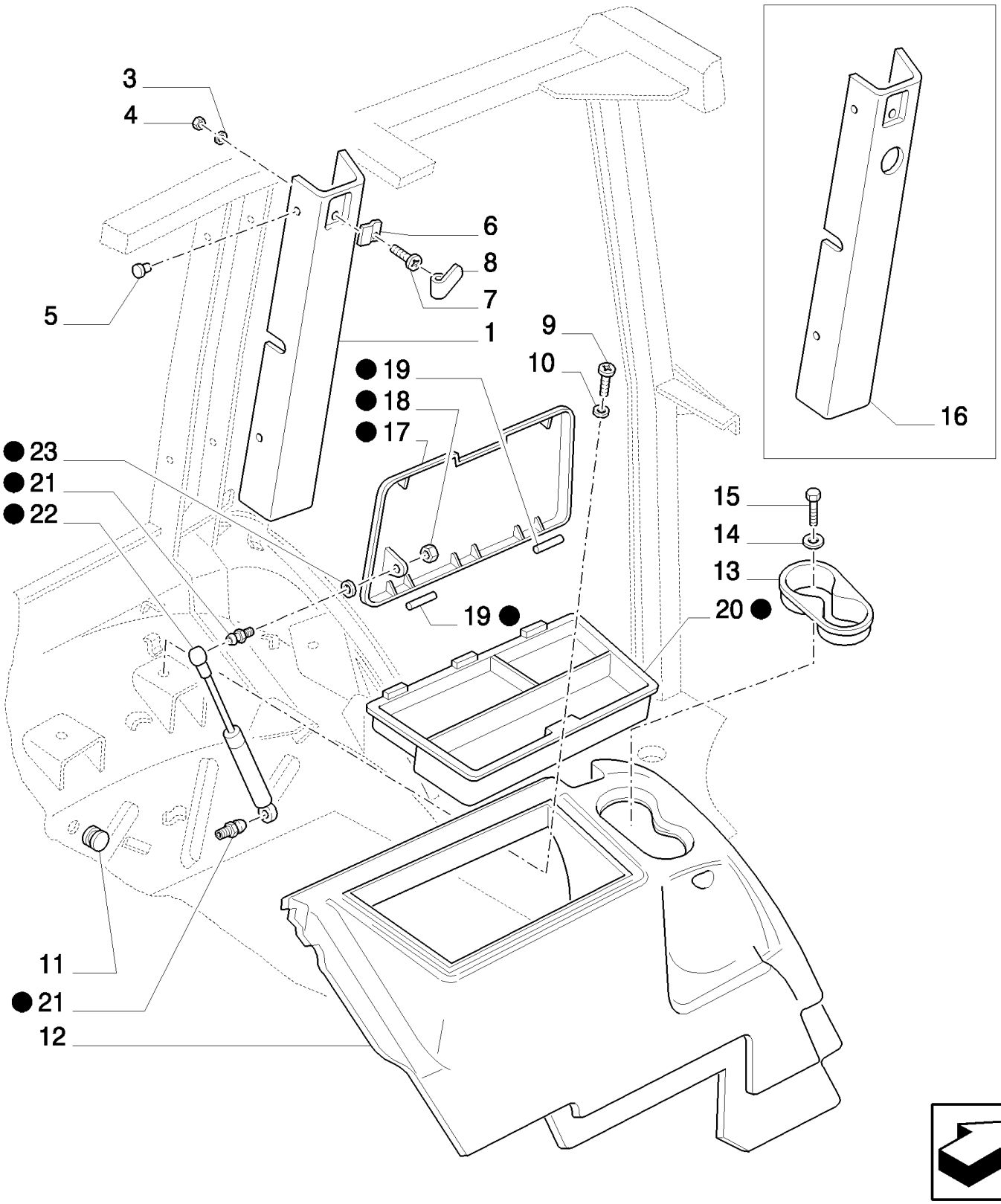
D5073 After Date 04/10/04

1.93.0(02) CONTROLS COVER



KIT ● = 2

LH SIDE

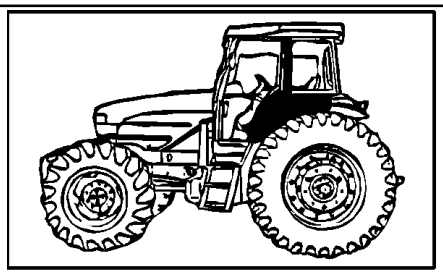


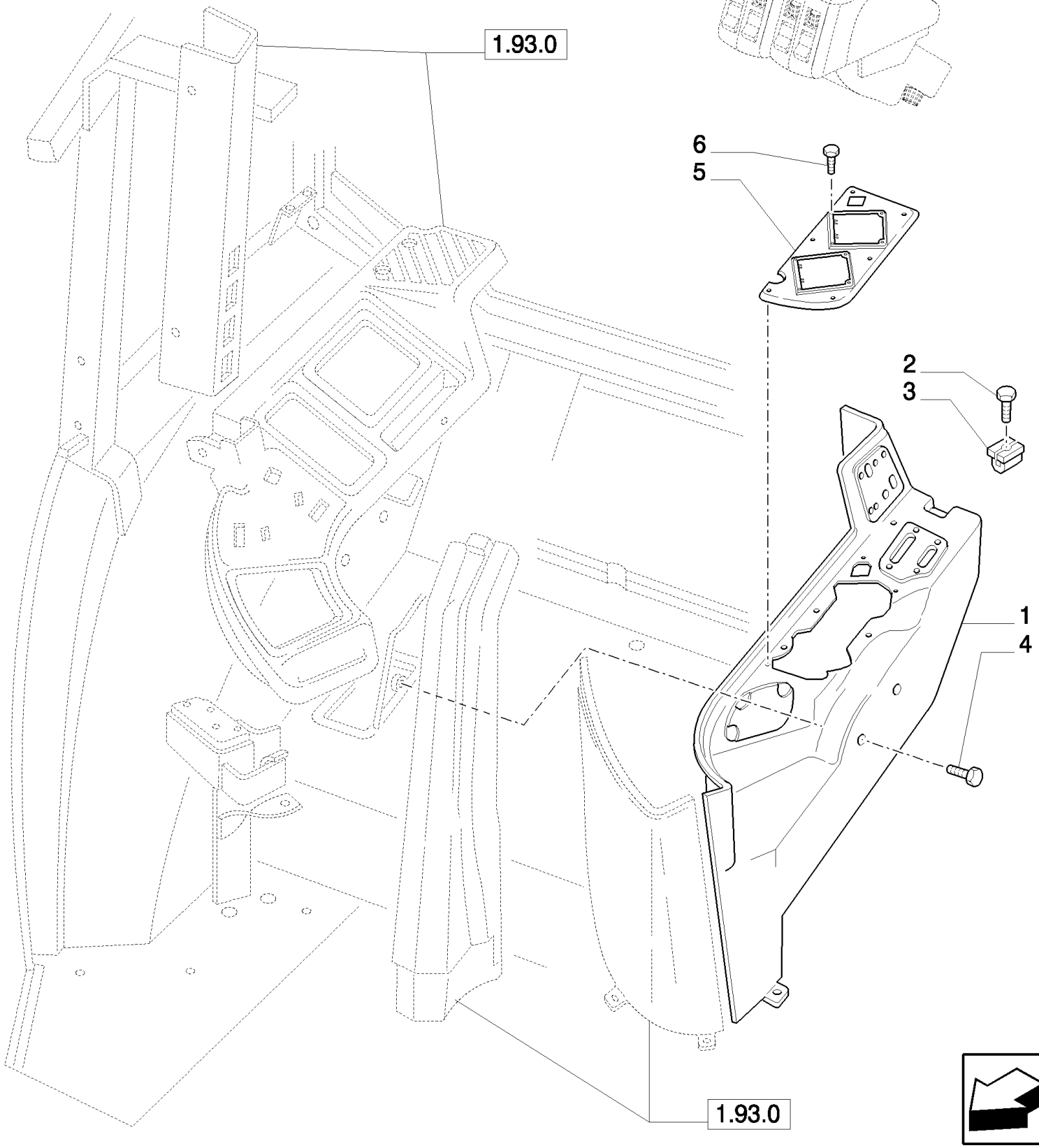
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.93.0(02) CONTROLS COVER

Ref	Part Number	Qty	Description
1	82018824	1	SOFT TRIM,
2	87304956	1	BOX, ASSY
3	12642804	1	WASHER, M4 x 12 x 1,
4	10794014	1	NUT, M4, Cl 8,
5	83998841	4	STUD,
6	83904461	1	RETAINER,
7	82880745	1	SCREW,
8	82861281	1	CLIP, Grey
8	82872313	1	COAT HOOK, Black
9	16043624	4	BOLT, Hex, M8 x 25, 8.8, Full Thd,
10	14496504	4	WASHER, M8 x 17 x 1.6,
11	D5NN14603K	5	GROMMET,
12	82018697	1	PANEL, LH, L/holes for passenger seat
13	82015547	1	PAN,
14	17094714	2	WASHER, LOCK, 6X12,5
15	82011899	2	SCREW, M6X20
16	82018826	1	SOFT TRIM, , W/Pneumatic trailer brakes(Equip.385)
17	82014619	1	COVER,
18	16100811	1	NUT, M8, Cl 8,
19	82014621	2	PIN,
20	87304952	1	CONTAINER,
21	83952214	2	PIN, BALL,
22	82014620	1	CYLINDER,
23	14496504	1	WASHER, M8 x 17 x 1.6,

1.93.0/01 (VAR.252-718) BATTERY WITH FOUR OR FIVE CONTROL VALVES WITH ELECTRONIC CONTROL - LINING



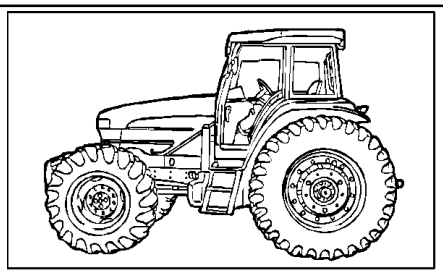


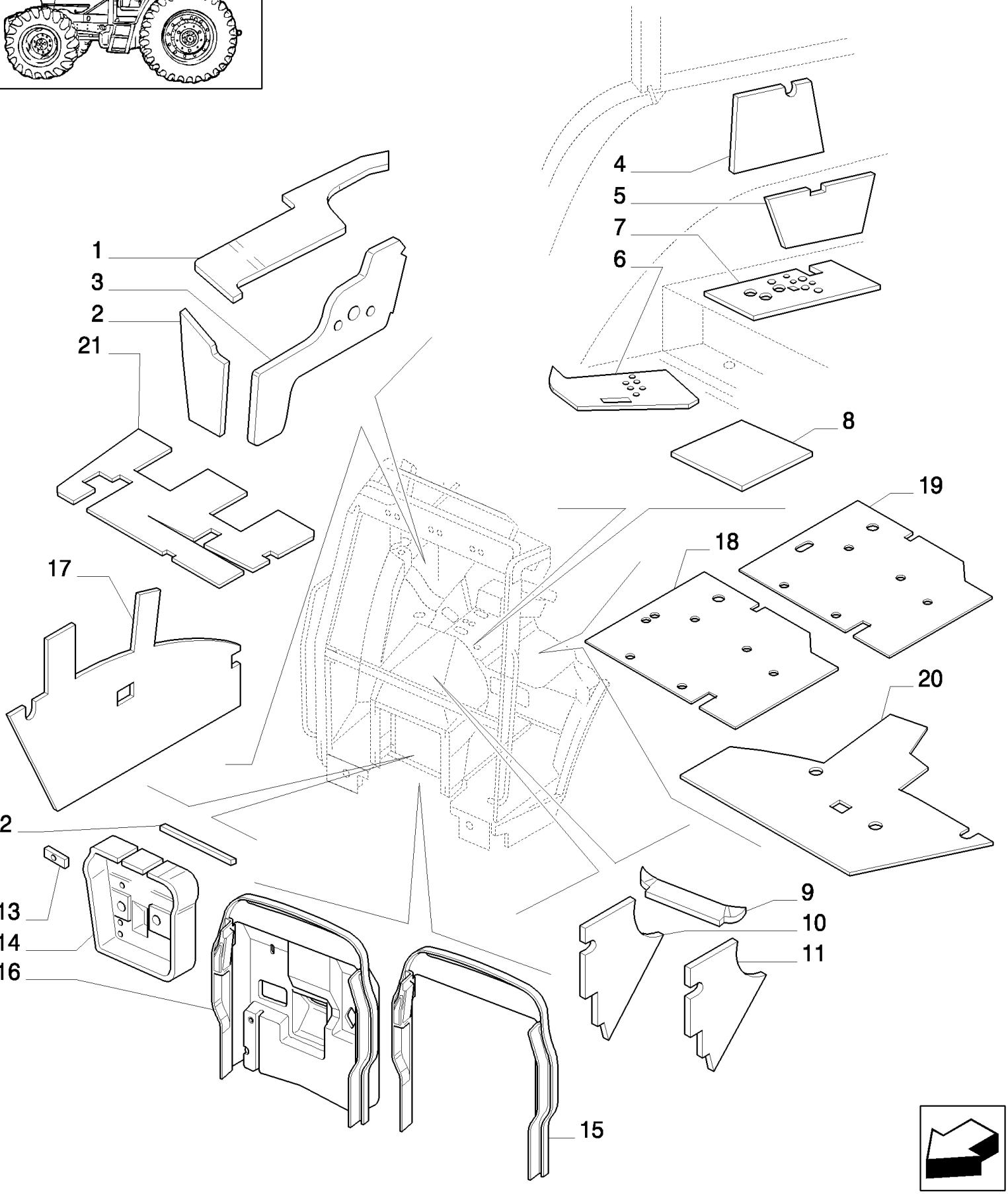
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.93.0/01 (VAR.252-718) BATTERY WITH FOUR OR FIVE CONTROL VALVES WITH ELECTRONIC CONTROL - LINING

Ref	Part Number	Qty	Description
1	82027663	1	SOFT TRIM,
2	15910001	6	SCREW, SELF TAPPING, Cross Oval Hd, M4.2 x 25,
3	83907330	6	NUT, D=8
4	15644001	2	SCREW, SELF TAPPING, Cross Pan Hd, M4.2 x 13,
5	82023471	1	PANEL,
6	82016959	8	SCREW, M3,5X12

1.93.1 SOUNDPROOFING

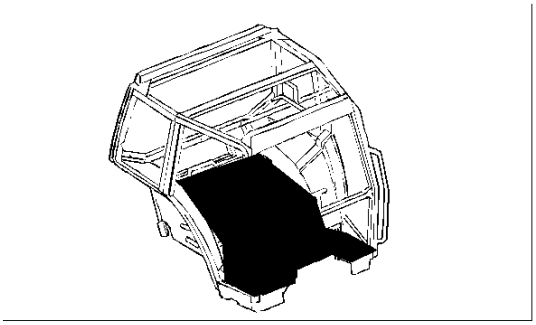


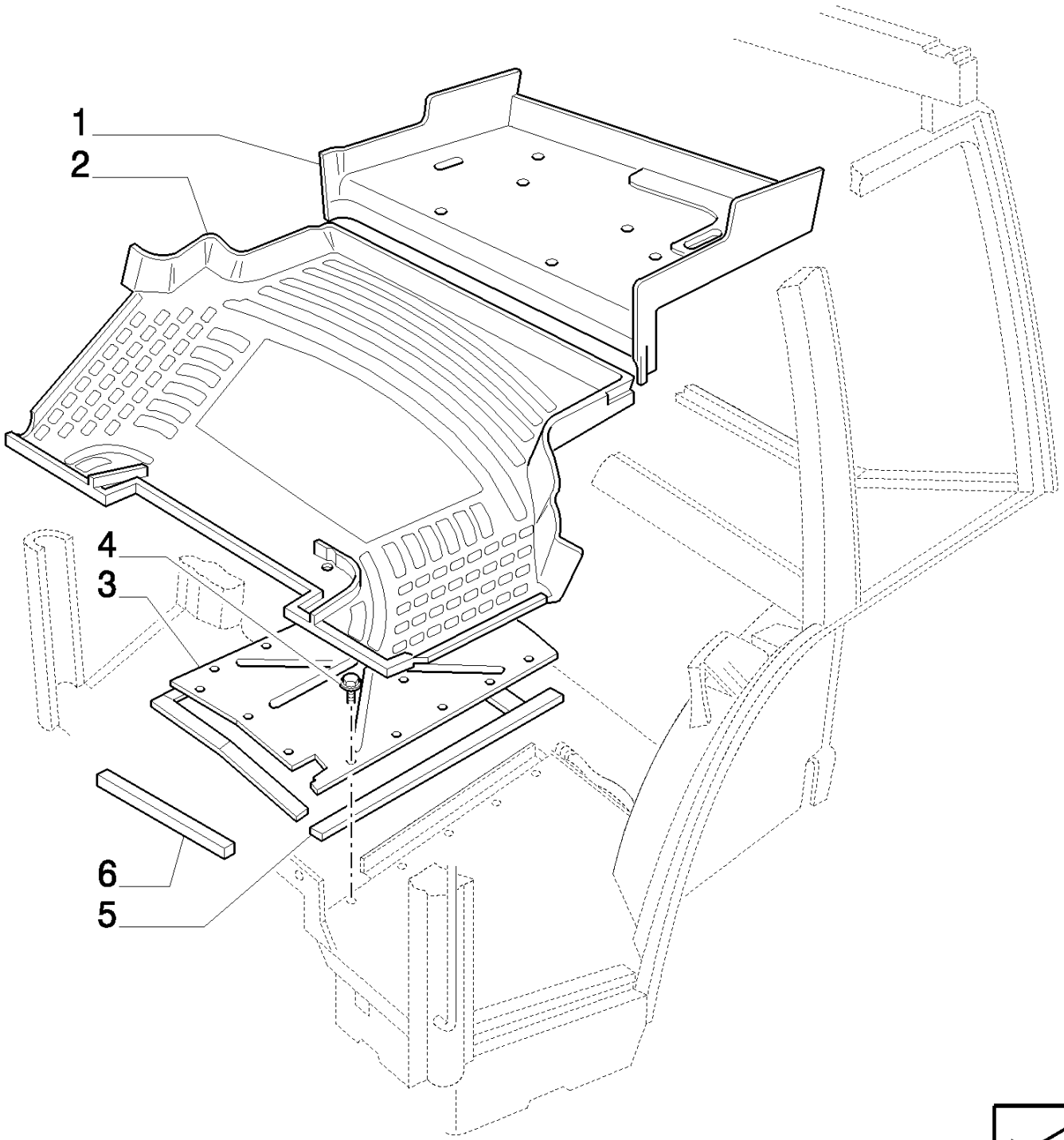


1.93.1 SOUNDPROOFING

Ref	Part Number	Qty	Description
1	82014656	1	INSULATOR, Console, Rear, Upper
2	82014657	1	INSULATOR, Console, Front
3	82003542	1	INSULATOR, Console, Rear, Lower
4	82019852	1	INSULATOR, RH Side, Upper
5	82003547	1	INSULATOR, RH Side, Lower
6	82018644	1	INSULATOR, Console, Floor Front
7	82018701	1	INSULATOR, Console, Floor Rear
8	81871523	1	INSULATION, FOAM, Floor, Front
9	82002659	1	INSULATOR, Upper
10	82006278	1	INSULATOR, Lower, RH
11	82006277	1	INSULATOR, Lower, LH
12	82007176	1	INSULATOR, Front Floor
13	D5NN94001N00A	2	NUT,
14	82028464	1	INSULATOR, TM120, TM130, TM140, TM155
14	82028463	1	INSULATOR, TM120, TM130, TM140, TM155, ONLY FOR CAB W/SUSPENSION
14	82035970	1	INSULATOR, TM175, TM190, BSN ACM252489
15	82027402	1	COWLING, TM175, TM190, BSN ACM252489
16	87311676	1	PARTITION, , ASN ACM252490
17	82037474	1	LINING,
18	82037475	1	LINING,
19	82037477	1	LINING,
20	82037476	1	LINING,
21	82037478	1	LINING,

1.93.2 MATS

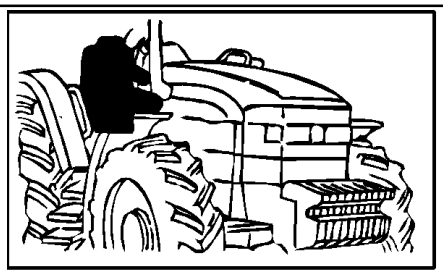


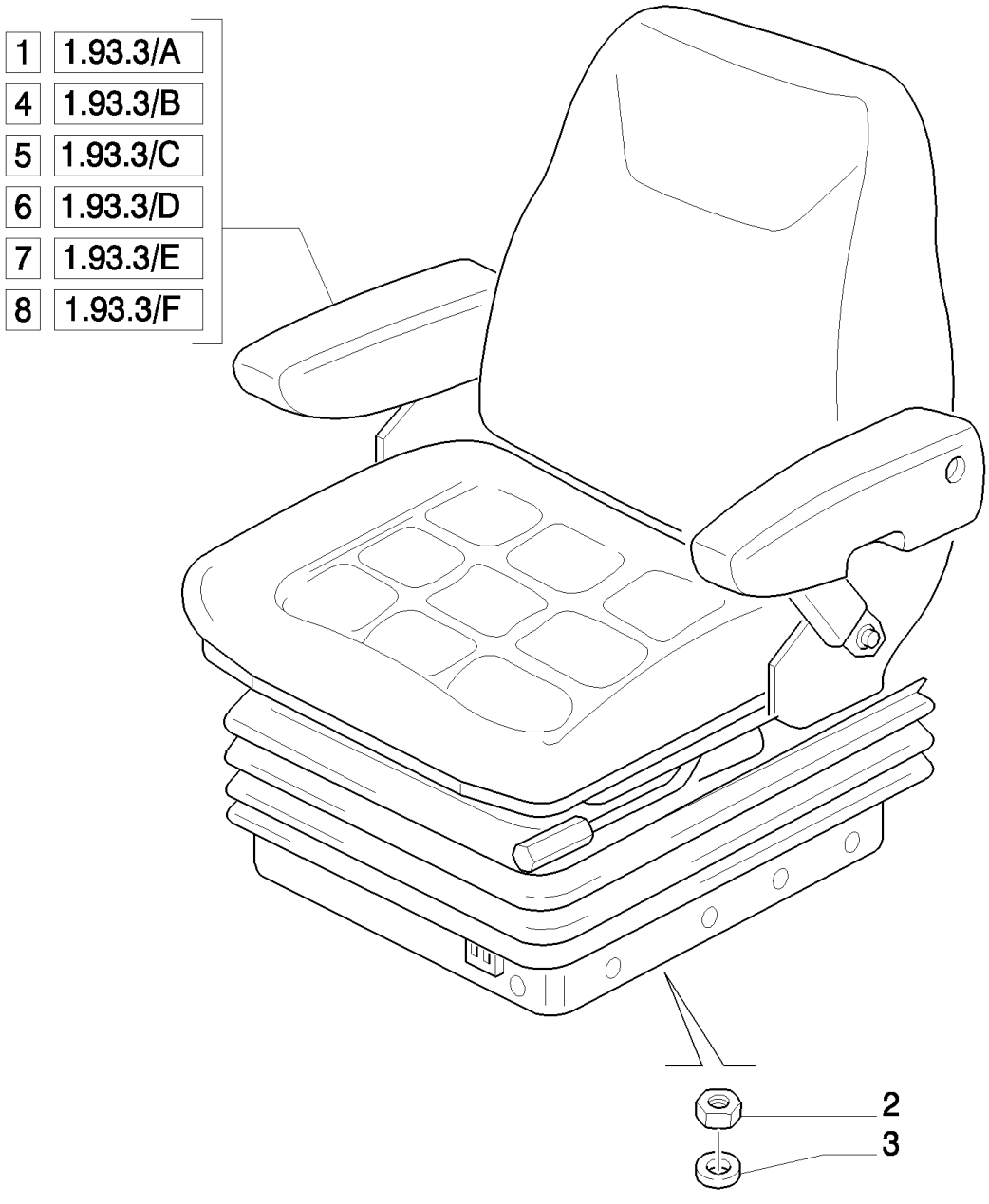


TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.93.2 MATS

Ref	Part Number	Qty	Description
1	82020004	1	MAT,
2	82003589	1	MAT,
3	82013026	1	PLATE,
3	82013024	1	PLATE, , W/EQUIP.779 FRONT HPL FOR SUPER STEER
4	83929012	13	SCREW,
5	82000180	2	BAND,
6	82009094	2	PAD, RUBBER,



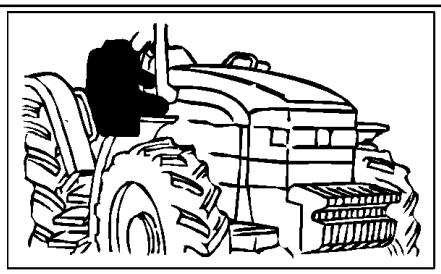

1 1.93.3/A
4 1.93.3/B
5 1.93.3/C
6 1.93.3/D
7 1.93.3/E
8 1.93.3/F
2
3

1.93.3 SEAT

Ref	Part Number	Qty	Description
1	82023936	1	SEAT, DRIVER, TM120, TM130, TM140, TM155, Air seat with seat belt (std version), -C5227
2	16100811	4	NUT, M8, Cl 8,
3	12646204	4	WASHER, M8 x 35 x 3,
4	82027642	1	SEAT, DRIVER, , Deluxe air seat with reeling seat belt (std version for TM175, TM190), var.963 for TM120, TM130, TM140, TM155, BSN ACM262223
5	82023938	1	SEAT, DRIVER, VAR.964, Deluxe air seat with reeling seat belt and heated cushion , BSN ACM26222
6	87342441	1	SEAT, DRIVER, TM120, TM130, TM140, TM155, Air seat with seat belt (std version), D5227-
7	87363493	1	SEAT, DRIVER, , Deluxe air seat with reeling seat belt (std version for TM175, TM190), var.963 for TM120, TM130, TM140, TM155, D5248-
8	87363495	1	SEAT, DRIVER, VAR.964, Deluxe air seat with reeling seat belt and heated cushion , D5248-

D5227 After Date 16 August 2005 D5248 Serial N.ACM262223

1.93.3/ B(01) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

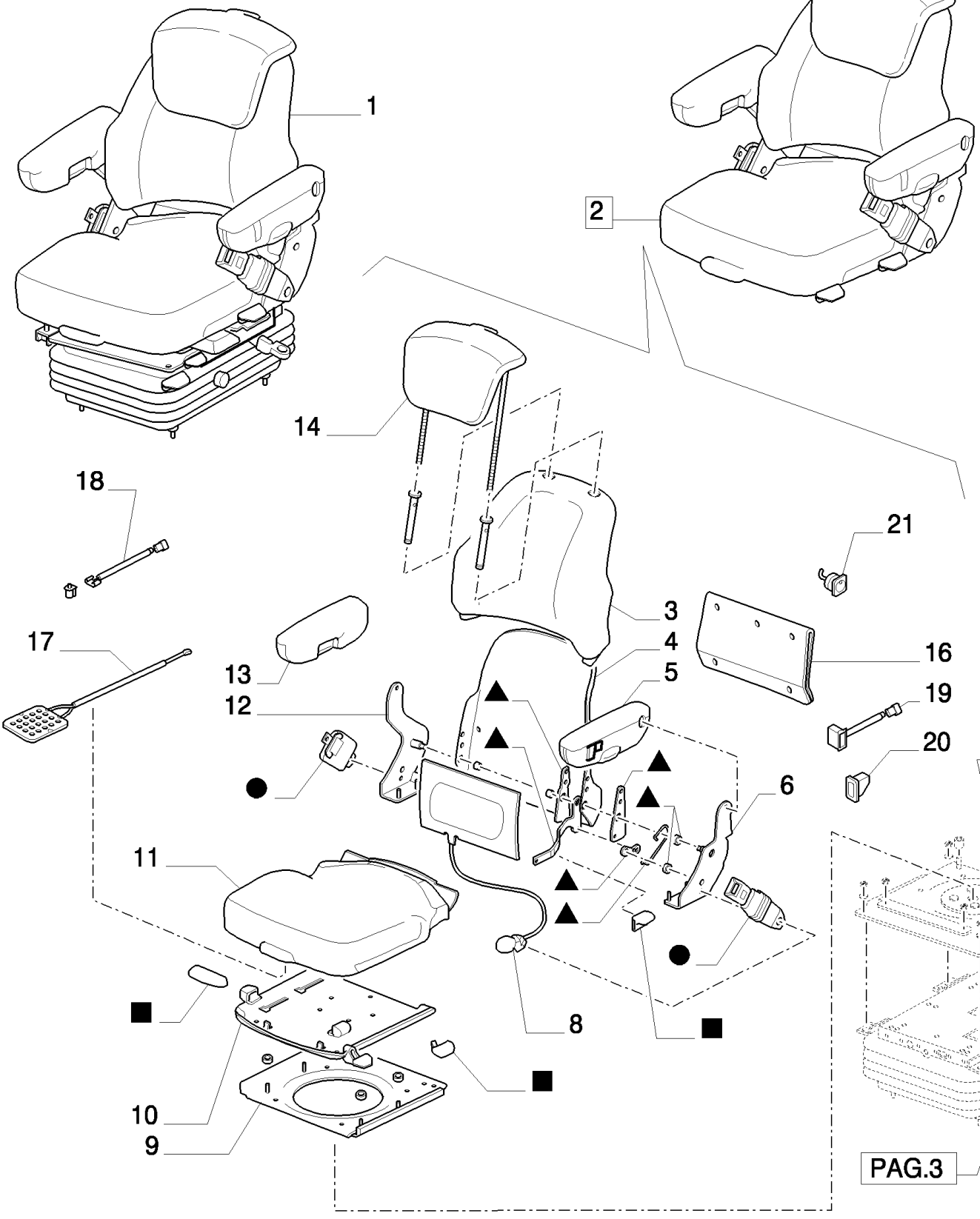


KIT

▲ = 7

● = 15

■ = 22



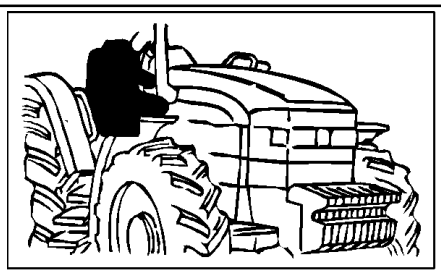
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.93.3/ B(01) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

Ref	Part Number	Qty	Description
1	82027642	1	SEAT, DRIVER, ASSY
2	82020832	1	SEAT, DRIVER, Assy., W/Armrests
3	82030776	1	BACKREST, Back
4	82020834	1	KIT, Back Pan
5	82020837	1	ARMREST, LH
6	82020804	1	BRACKET, LH Armrest
7	82020808	1	KIT, Recliner
8	82030802	1	KIT, Lumbar
9	82020836	1	KIT, Seat Pan
10	82020828	1	KIT, Cushion Extension
11	82020835	1	CUSHION, SEAT, , -C5141
11	87308596	1	CUSHION, SEAT, , D5141-
12	82020806	1	BRACKET, RH Armrest
13	82020807	1	ARMREST, RH
14	82020829	1	HEADREST, SEAT, Upper, Include two plastic tubes
15	82020831	1	KIT, Seat Belt
16	82030777	1	HOLDER,
17	82020813	1	KIT, Operator Presence Switch, -C5141
18	87308594	1	SWITCH, Operator Presence Switch, D5141-
19	87308603	1	SWITCH, Height Control, -C5141
20	87308605	1	SWITCH, Height Control, D5141-
21	87308609	1	SWITCH, Heater
22	87308611	1	KIT, SERVICE,

D5141 After Date 13/12/04

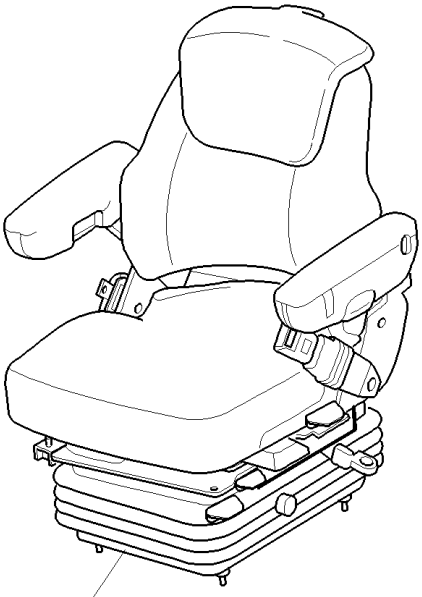
1.93.3/ B(02) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN



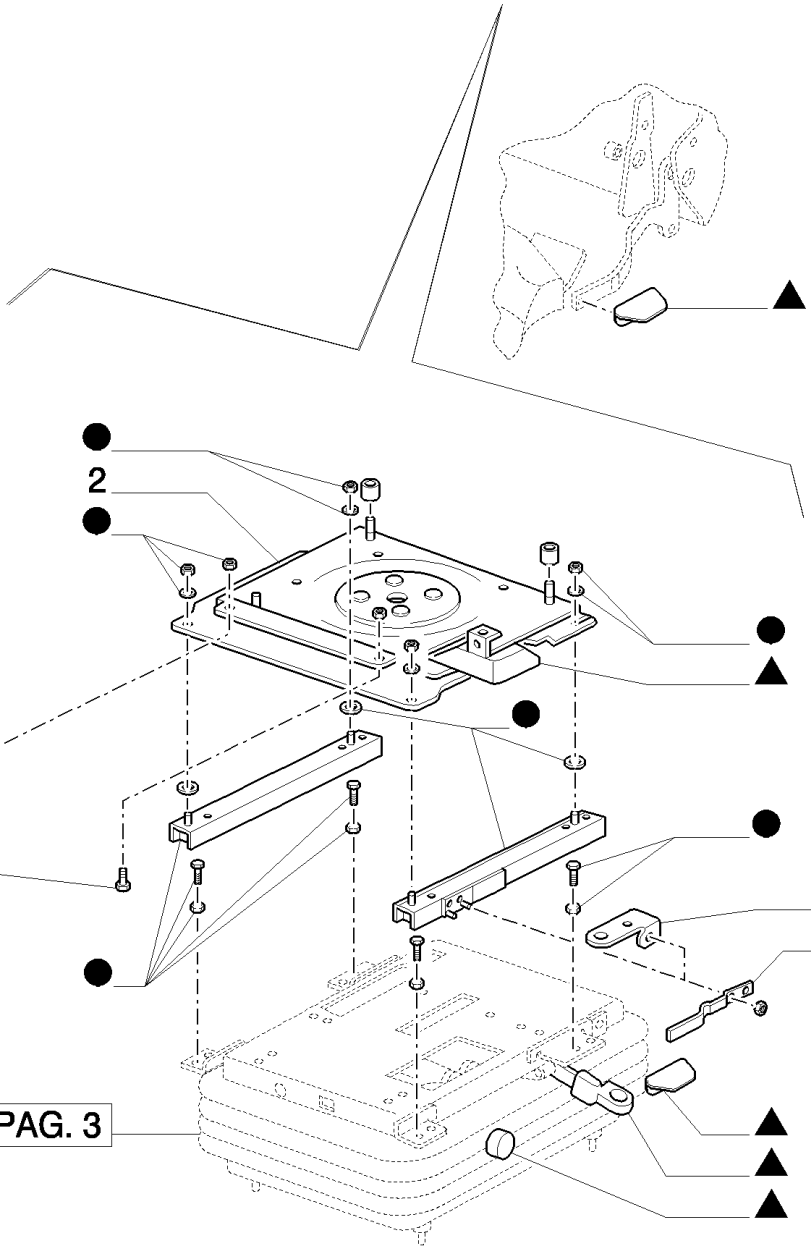
KIT

▲ = 3

● = 6



1

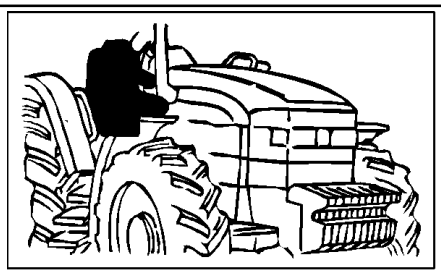


PAG. 3

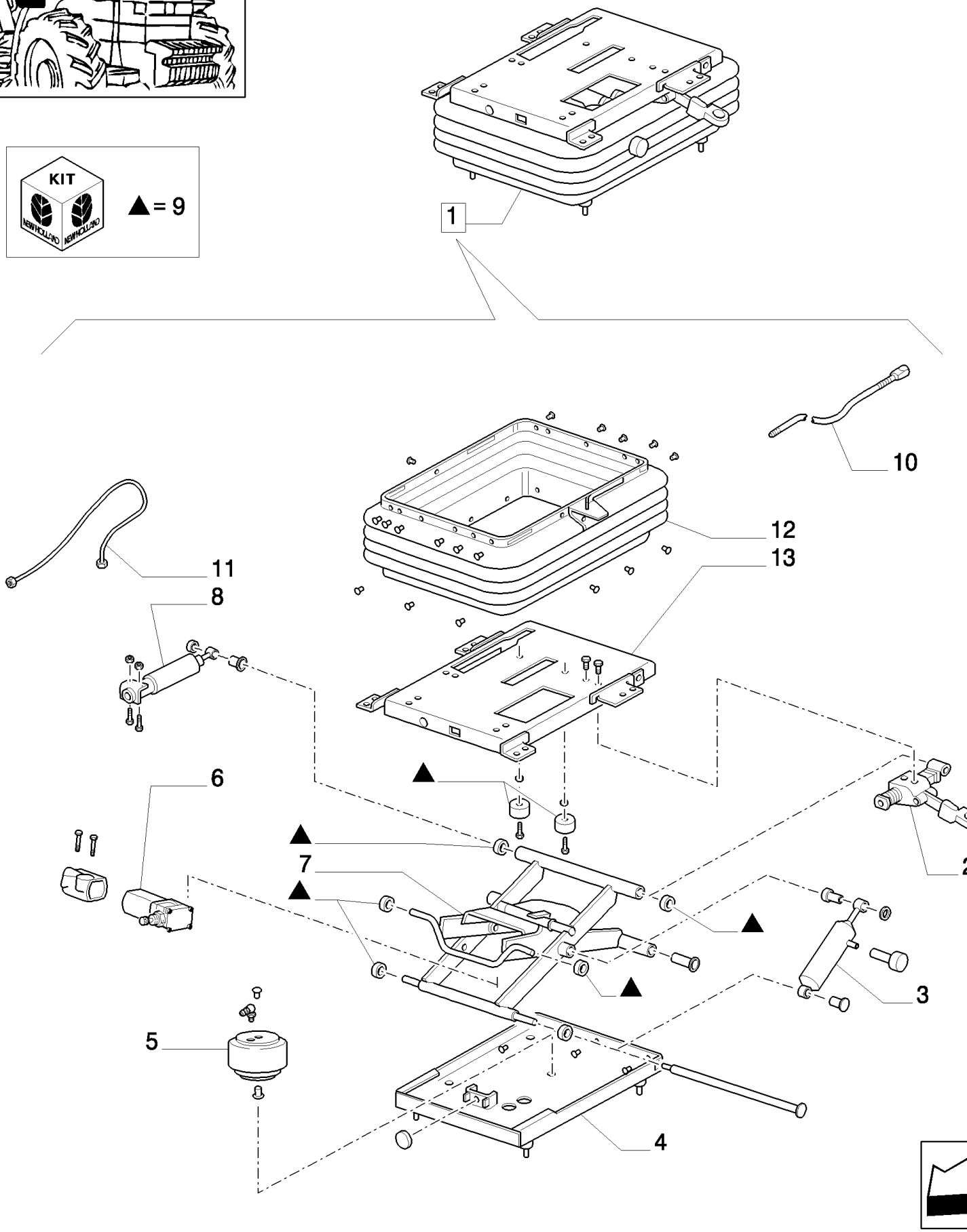
1.93.3/ B(02) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

Ref	Part Number	Qty	Description
1	82027642	1	SEAT, DRIVER, ASSY
2	82020840	1	KIT, Swivel
3	82020812	1	KIT, Knobs
4	82020809	1	KIT, Slide Lever
5	82020923	1	BRACKET, Lever Support
6	82020814	1	KIT, Slide

1.93.3/ B(03) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN



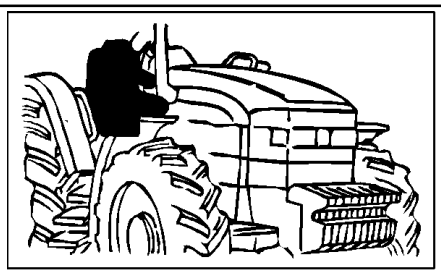
KIT ▲= 9



1.93.3/ B(03) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

Ref	Part Number	Qty	Description
1	82020841	1	KIT, Suspension Assy.
2	82021020	1	KIT, Fore/Aft Insolator
3	82020847	1	KIT, Suspension Shock Absorber
4	82020821	1	KIT, Lower Housing
5	82020819	1	KIT, Air Spring
6	82030804	1	KIT, Compressor
7	82020846	1	KIT, Suspension Scissors
8	82020830	1	KIT, Fore/Aft Shock Absorber
9	82020845	1	KIT, Bumper and Roller
10	82030805	1	CABLE, ELECTRIC,
11	82030806	1	KIT, Air Line
12	82020843	1	KIT, Suspension Boot
13	82020844	1	KIT, Upper Housing

1.93.3/ C(01) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN

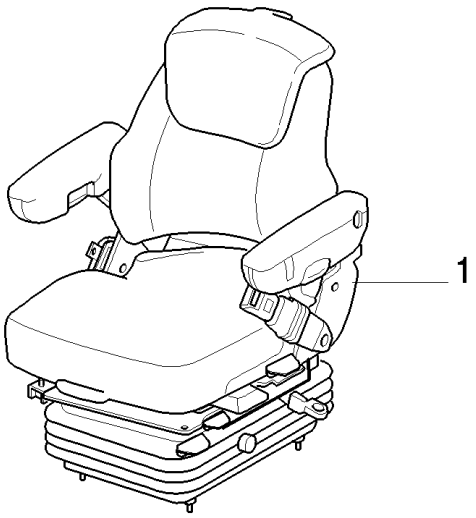


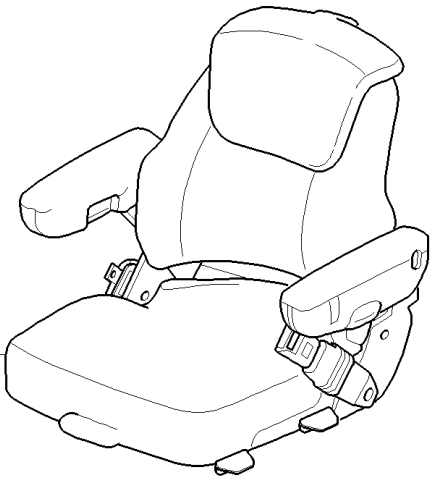
KIT

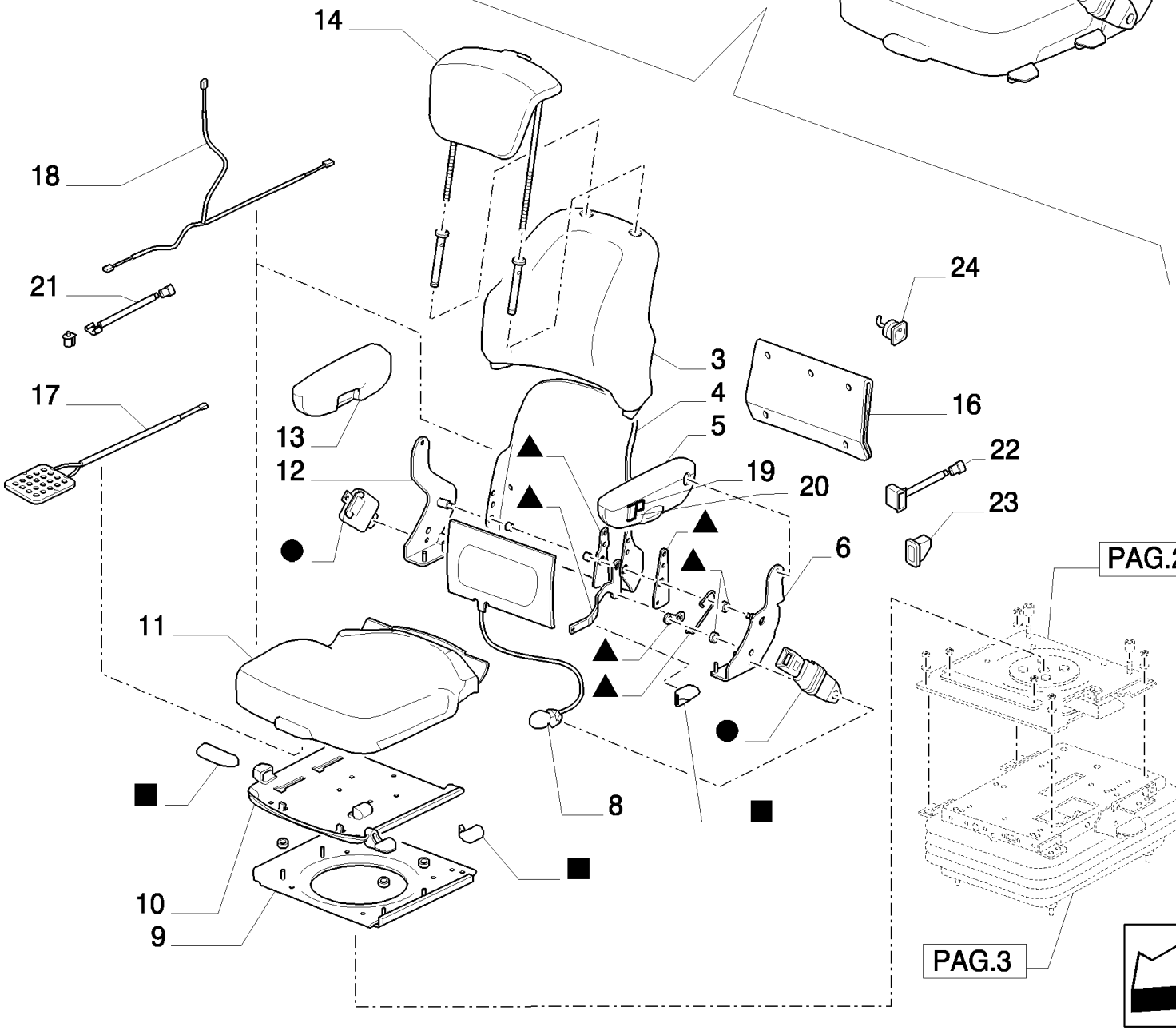
▲ = 7

● = 15

■ = 25







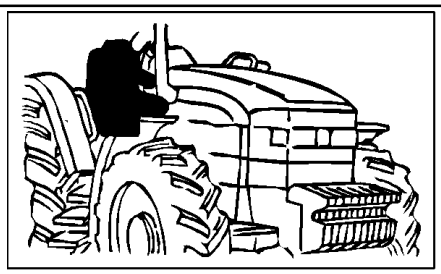
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.93.3/ C(01) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN

Ref	Part Number	Qty	Description
1	82023938	1	SEAT, DRIVER, ASSY
2	82030799	1	SEAT, DRIVER, ASSY
3	82030800	1	CUSHION, SEAT,
4	82020834	1	KIT, Back Pan
5	82030801	1	ARMREST, LH
6	82020804	1	BRACKET, LH Armrest
7	82020808	1	KIT, Recliner
8	82030802	1	KIT, Lumbar
9	82020836	1	KIT, Seat Pan
10	82020828	1	KIT, Cushion Extension
11	82030803	1	CUSHION, SEAT, , -C5141
11	87308598	1	CUSHION, SEAT, , D5141-
12	82020806	1	BRACKET, RH Armrest
13	82020807	1	ARMREST, RH
14	82020829	1	HEADREST, SEAT, Upper, Include two plastic tubes
15	82020831	1	KIT, Seat Belt
16	82030777	1	HOLDER,
17	82020813	1	KIT, Operator Presence Switch
17	87308594	1	SWITCH, Operator Presence Switch, From seat sn 043835, -C5141
18	87308594	1	SWITCH,
19	87308609	1	SWITCH, Heater
20	87308603	1	SWITCH, Height Control, Up to seat sn 058136
20	87308605	1	SWITCH, Height Control, From seat sn 0518136
21	87308594	1	SWITCH, Operator Presence Switch, D5141-
22	87308603	1	SWITCH, Height Control, -C5141
23	87308605	1	SWITCH, Height Control, D5141-
24	87308609	1	SWITCH, Heater
25	87308611	1	KIT, SERVICE,

D5141 After Date 13/12/04

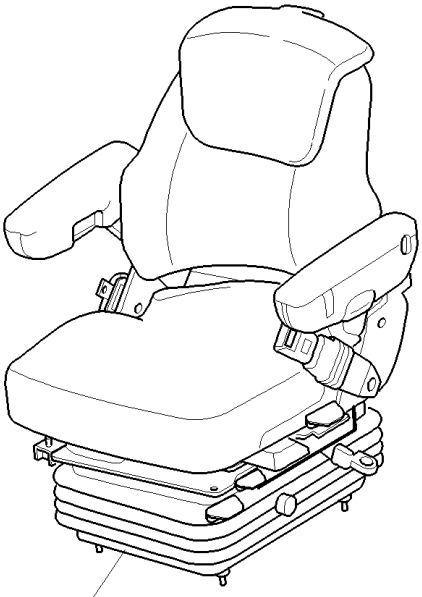
1.93.3/ C(02) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN



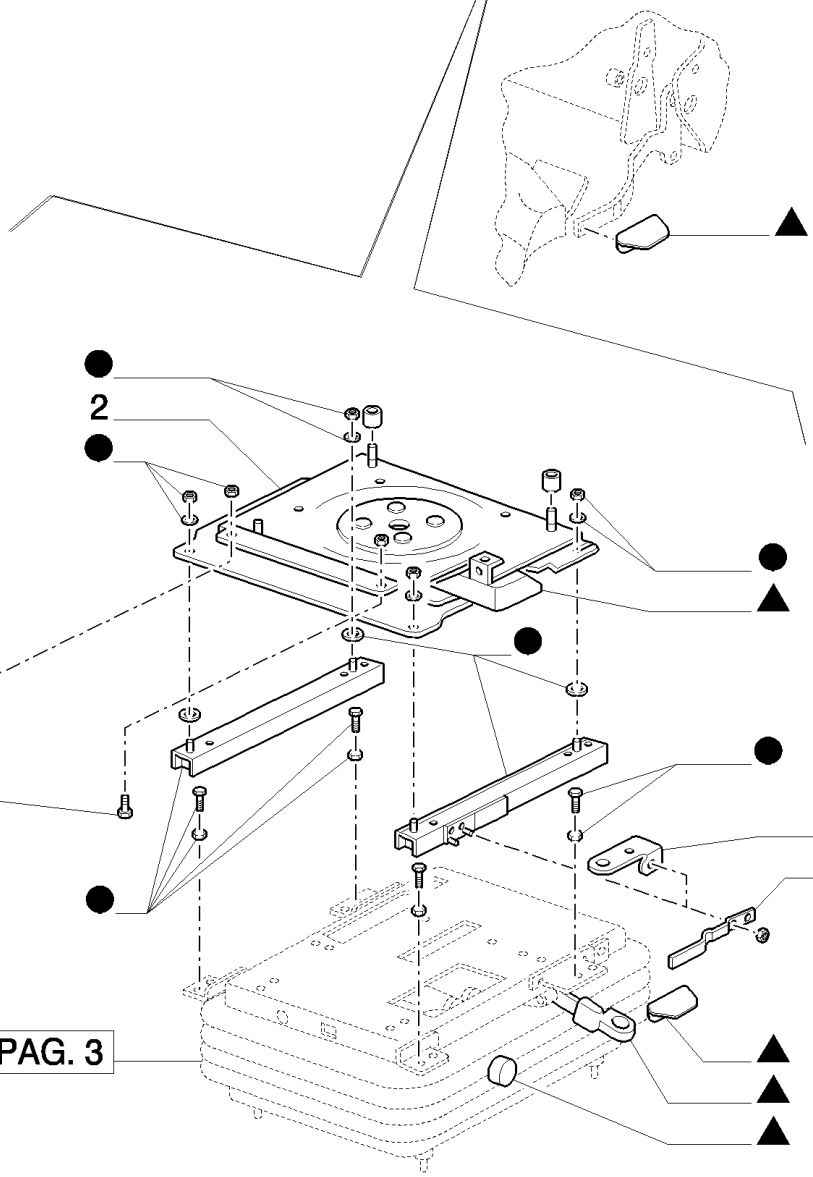
KIT

▲ = 3

● = 6



1

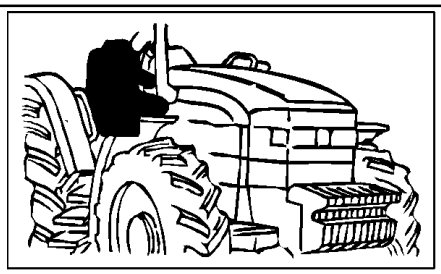


PAG. 3

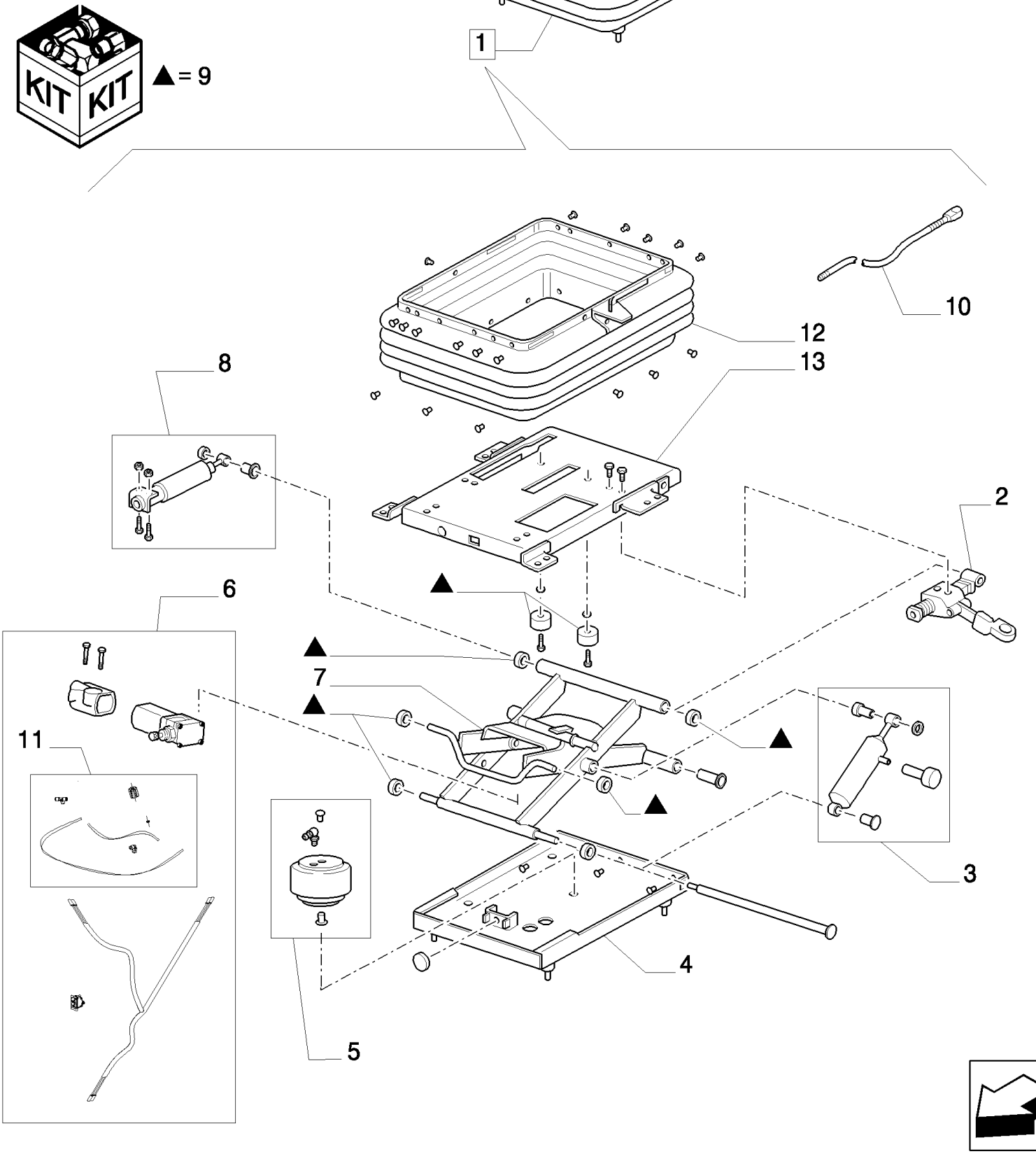
1.93.3/ C(02) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN

Ref	Part Number	Qty	Description
1	82023938	1	SEAT, DRIVER, ASSY
2	82020840	1	KIT, Swivel
3	82020839	1	KIT, Knobs
4	82020809	1	KIT, Slide Lever
5	82020923	1	BRACKET, Lever Support
6	82020814	1	KIT, Slide

1.93.3/ C(03) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN



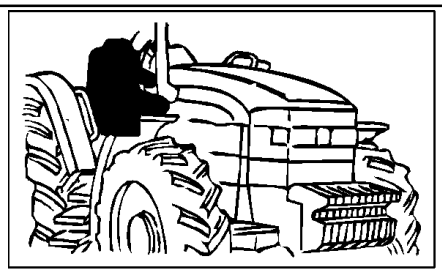
KIT KIT ▲= 9



1.93.3/ C(03) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN

Ref	Part Number	Qty	Description
1	82020841	1	KIT, Suspension Assy.
2	82021020	1	KIT, Fore/Aft Insolator
3	82020847	1	KIT, Suspension Shock Absorber
4	82020821	1	KIT, Lower Housing
5	82020819	1	KIT, Air Spring
6	87308627	1	COMPRESSOR, Compressor
7	82020846	1	KIT, Suspension Scissors
8	82020830	1	KIT, Fore/Aft Shock Absorber
9	82020845	1	KIT, Bumper and Roller
10	82030805	1	CABLE, ELECTRIC,
11	82030806	1	KIT, Air Line
12	82020843	1	KIT, Suspension Boot
13	82020844	1	KIT, Upper Housing

1.93.3/ E(01) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

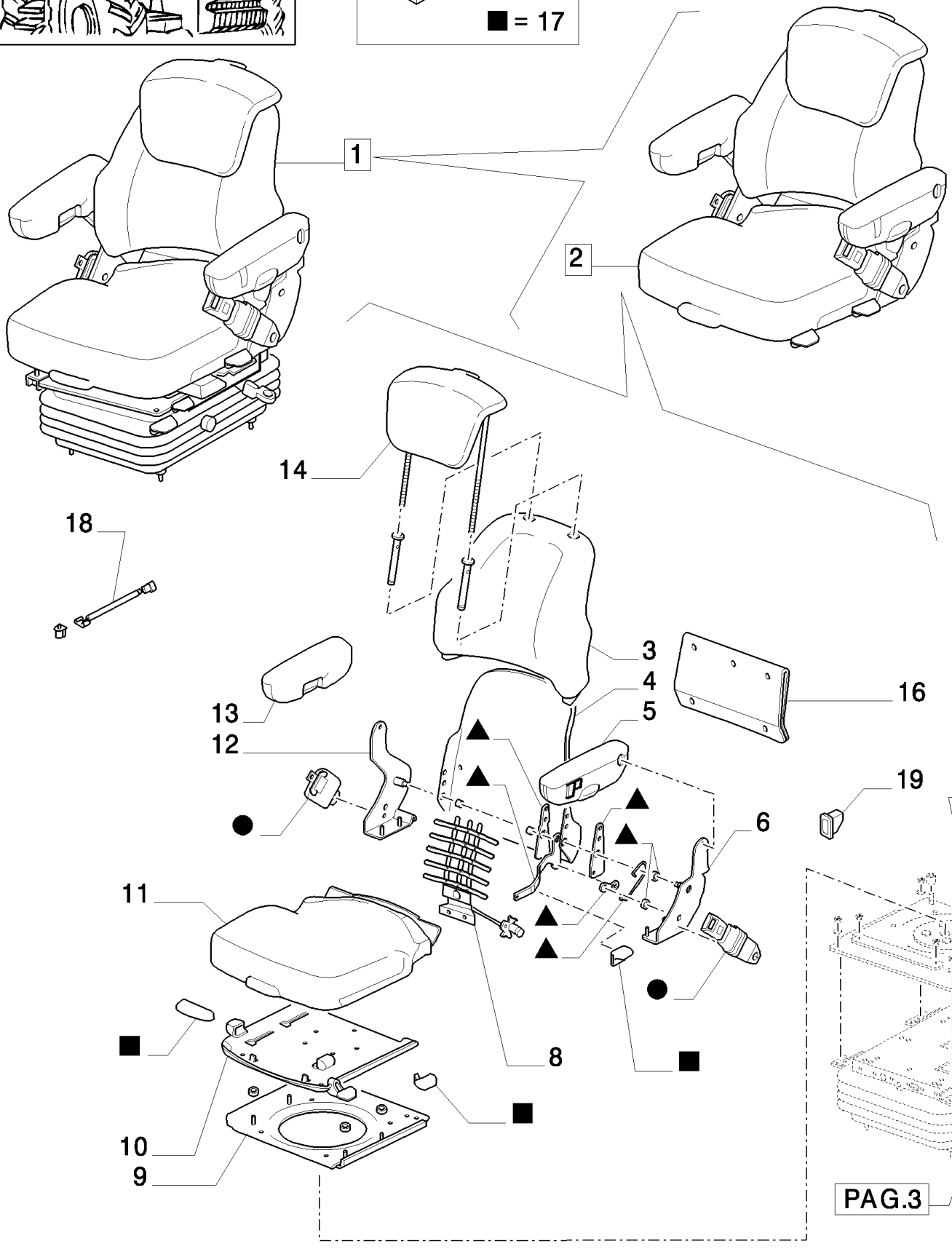


KIT

▲ = 7

● = 15

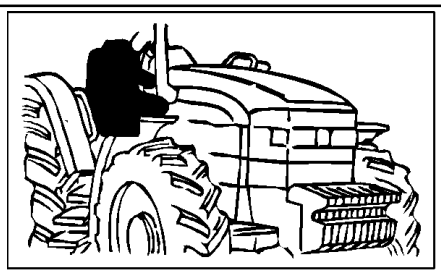
■ = 17



1.93.3/ E(01) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

Ref	Part Number	Qty	Description
1	87363493	1	SEAT, DRIVER, ASSY
2	87515364	1	SEAT, DRIVER, ASSY, W/Armrests
3	82030776	1	BACKREST, Back
4	87367813	1	KIT, SERVICE, Back Pan
5	82020837	1	ARMREST, LH
6	82020804	1	BRACKET, LH Armrest
7	82020808	1	KIT, Recliner
8	87367816	1	KIT, Lumbar
9	82020836	1	KIT, Seat Pan
10	82020828	1	KIT, Cushion Extension
11	87308596	1	CUSHION, SEAT,
12	82020806	1	BRACKET, RH Armrest
13	82020807	1	ARMREST, RH
14	82020829	1	HEADREST, SEAT, Upper, Include two plastic tubes
15	82020831	1	KIT, Seat Belt
16	82030777	1	HOLDER,
17	87308611	1	KIT, SERVICE,
18	87308594	1	SWITCH, Operator Presence Switch
19	87308605	1	SWITCH, Height Control

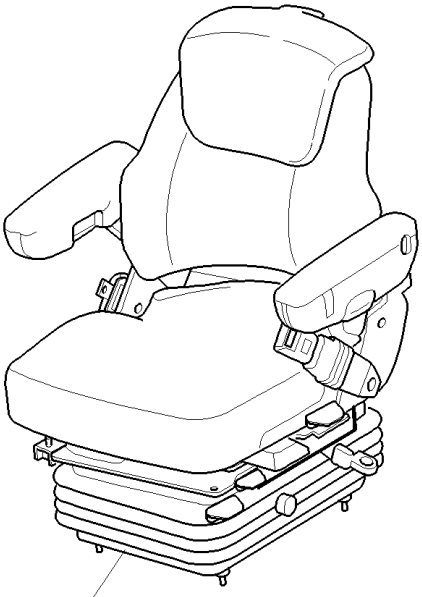
1.93.3/ E(02) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

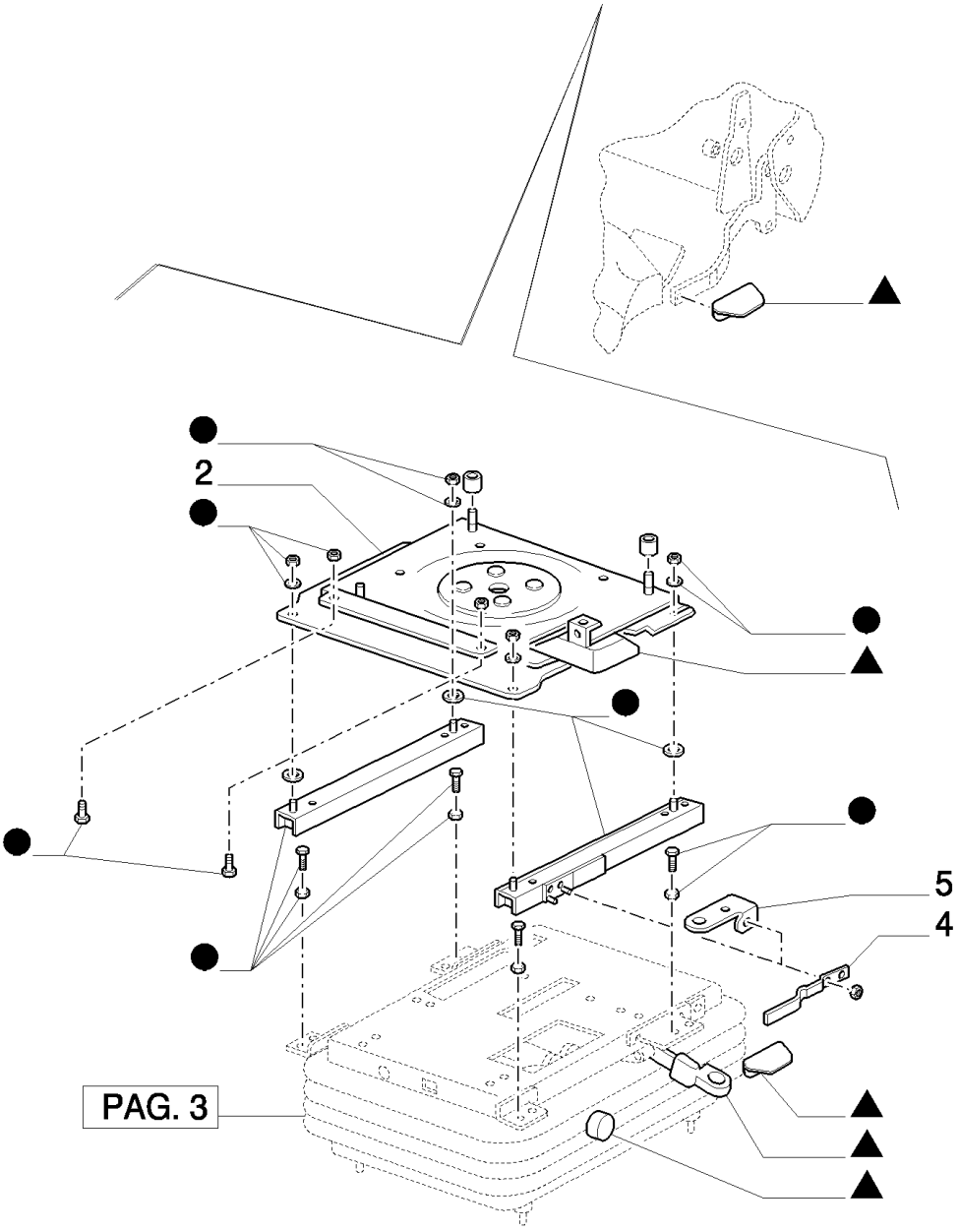


KIT

▲ = 3

● = 6

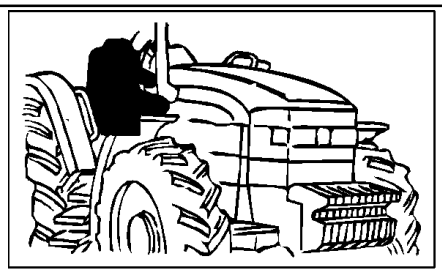




1.93.3/ E(02) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

Ref	Part Number	Qty	Description
1	87363493	1	SEAT, DRIVER, ASSY
2	82020840	1	KIT, Swivel
3	82020839	1	KIT, Lever Support
4	82020809	1	KIT, Slide Lever
5	82020923	1	BRACKET, Lever Support
6	82020814	1	KIT, Slide

1.93.3/ E(03) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

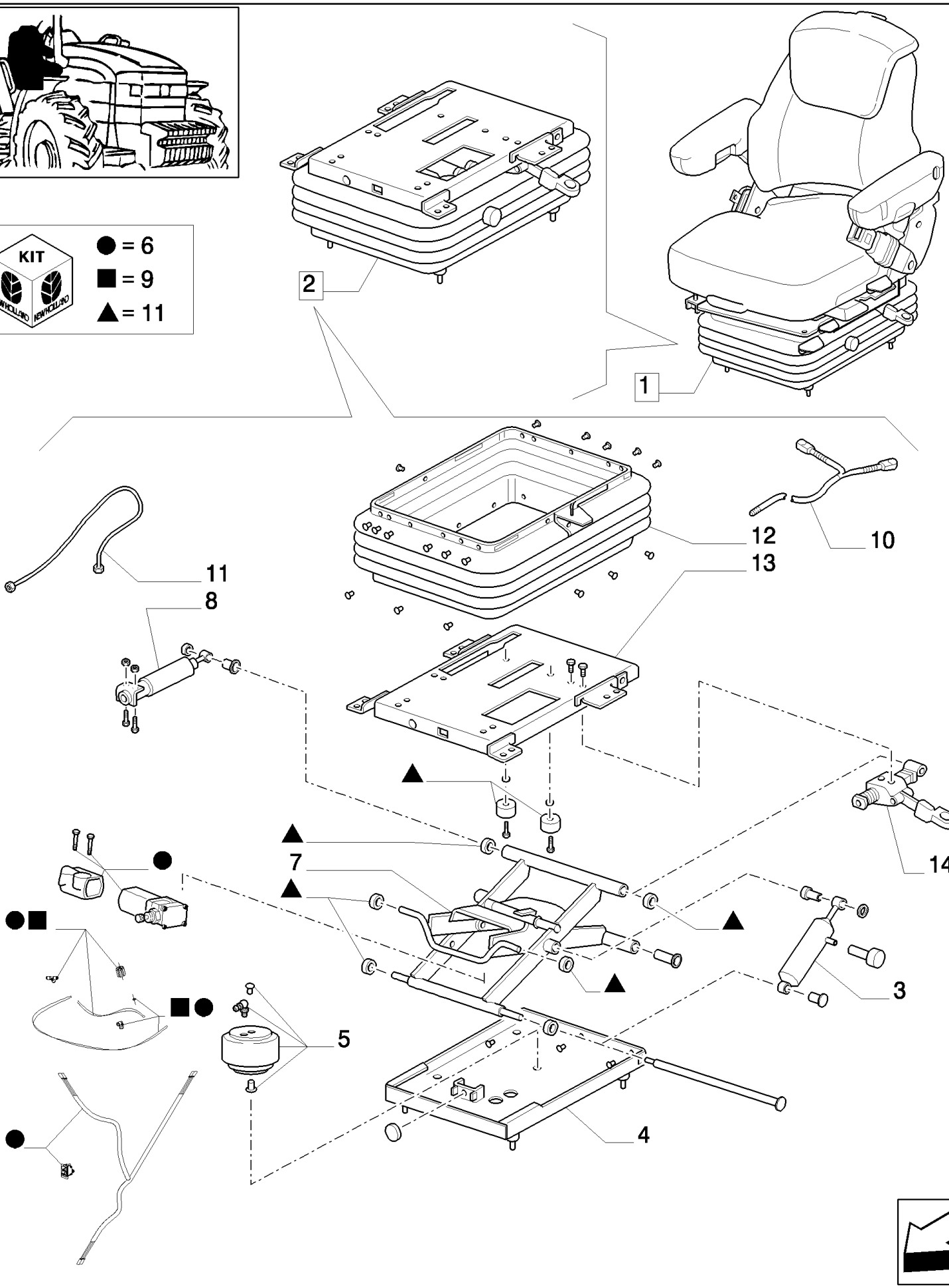


KIT

● = 6

■ = 9

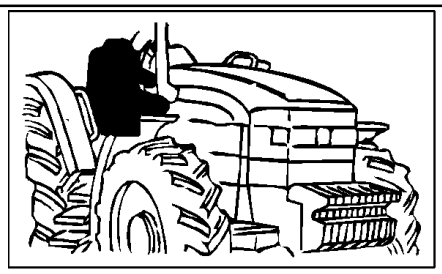
▲ = 11



1.93.3/ E(03) DELUXE AIR SEAT WITH REELING SEAT BELT - BREAKDOWN

Ref	Part Number	Qty	Description
1	87363493	1	SEAT, DRIVER, ASSY
2	82039689	1	SUSPENSION, Suspension ASSY
3	82020847	1	KIT, Suspension Shock Absorber
4	82020821	1	KIT, Lower Housing
5	82020819	1	KIT, Air Spring
6	87515350	1	KIT, Compressor
7	82020846	1	KIT, Suspension Scissors
8	82020830	1	KIT, Fore/Aft Shock Absorber
9	82020845	1	KIT, Bumper and Roller
10	87363510	1	
11	87352578	1	KIT, SERVICE, Air line
12	82020843	1	KIT, Suspension Boot
13	82020844	1	KIT, Upper Housing
14	82021020	1	KIT, Fore/Aft Insolator

1.93.3/ F(01) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN

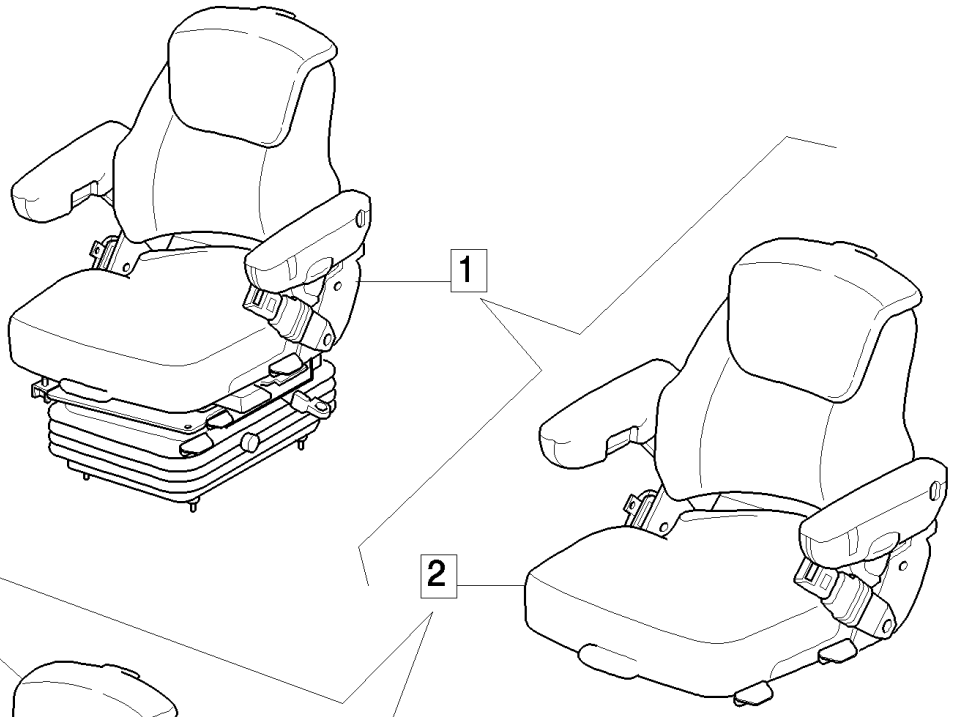


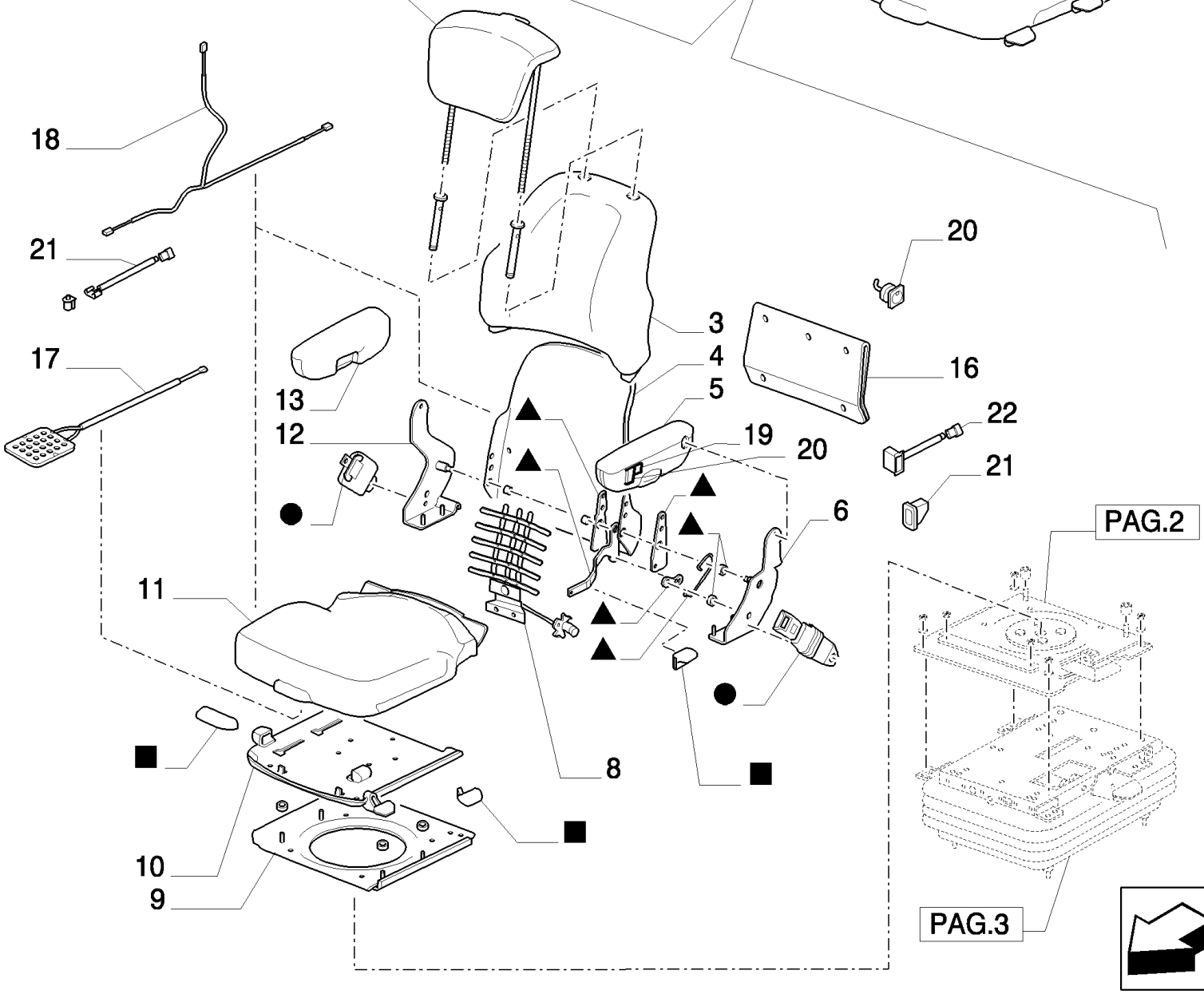
KIT

▲ = 7

● = 15

■ = 19

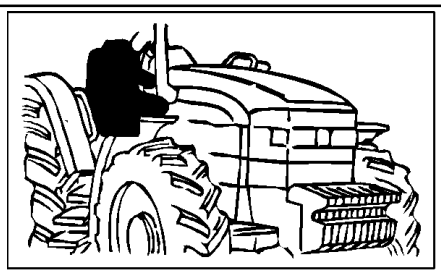




1.93.3/ F(01) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN

Ref	Part Number	Qty	Description
1	87363495	1	SEAT, DRIVER, ASSY
2	87515371	1	SEAT, DRIVER, ASSY
3	82030800	1	CUSHION, SEAT,
4	87367813	1	KIT, SERVICE, Back Pan
5	82030801	1	ARMREST, LH
6	82020804	1	BRACKET, LH Armrest
7	82020808	1	KIT, Recliner
8	87367816	1	KIT, Lumbar
9	82020836	1	KIT, Seat Pan
10	82020828	1	KIT, Cushion Extension
11	87308598	1	CUSHION, SEAT,
12	82020806	1	BRACKET, RH Armrest
13	82020807	1	ARMREST, RH
14	82020829	1	HEADREST, SEAT, Upper, Include two plastic tubes
15	82020831	1	KIT, Seat Belt
16	82030777	1	HOLDER,
17	87308594	1	SWITCH, Operator Presence Switch
18	87367527	1	HARNESS, WIRE,
19	87308611	1	KIT, SERVICE,
20	87308609	1	SWITCH, Heater
21	87308605	1	SWITCH, Height Control

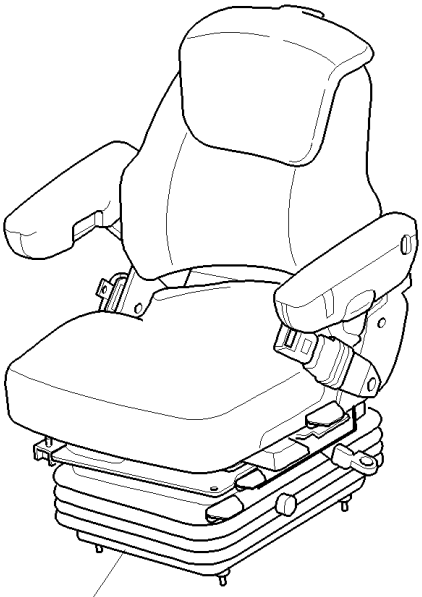
1.93.3/ F(02) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN



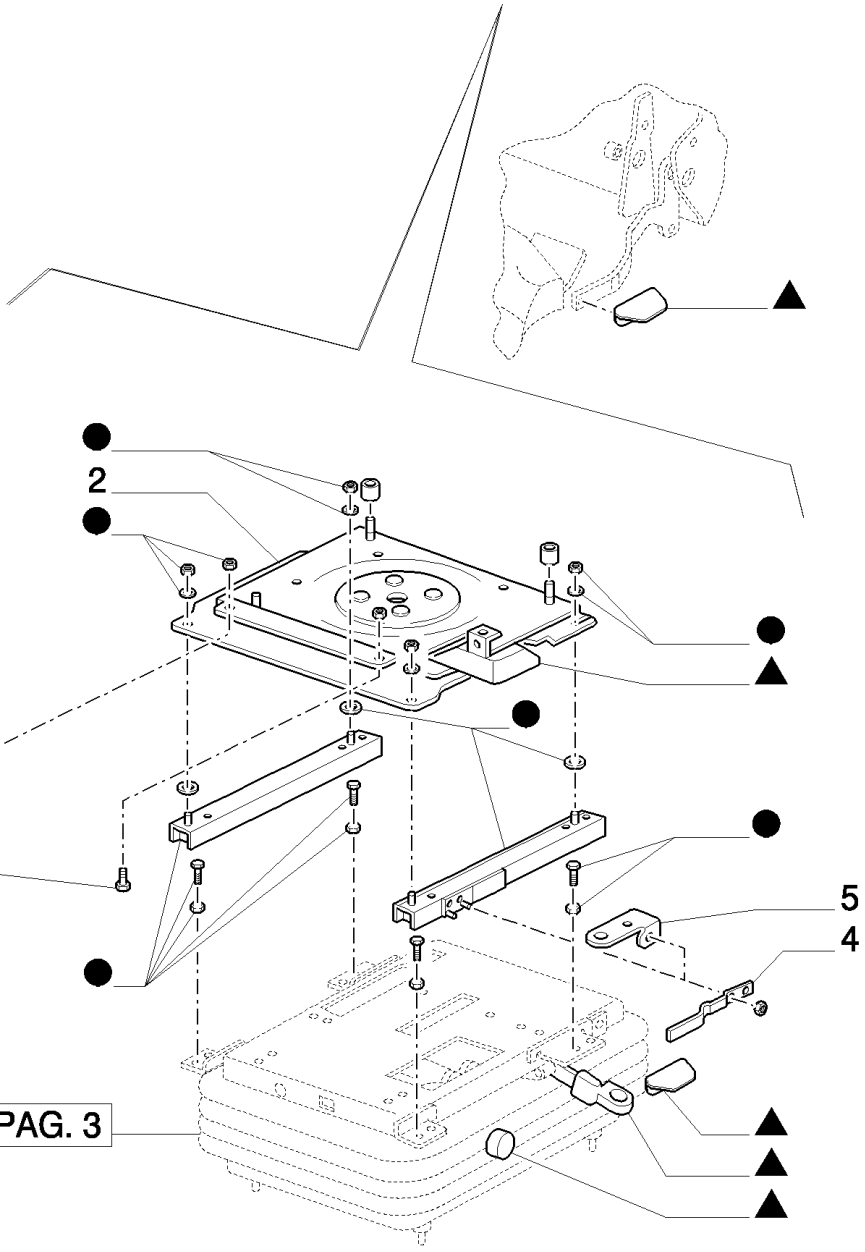
KIT

▲ = 3

● = 6



1

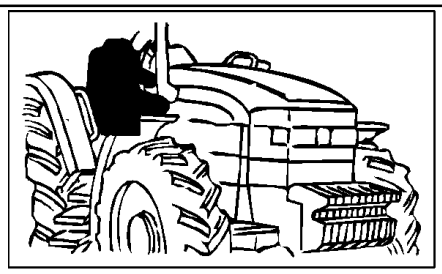


PAG. 3

1.93.3/ F(02) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN

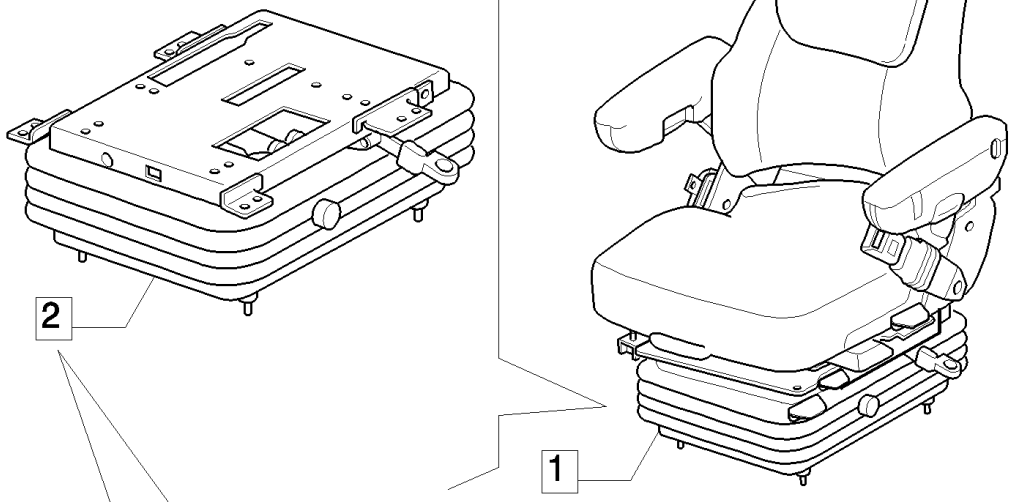
Ref	Part Number	Qty	Description
1	87363495	1	SEAT, DRIVER, ASSY
2	82020840	1	KIT, Swivel
3	82020839	1	KIT, Knobs
4	82020809	1	KIT, Slide Lever
5	82020923	1	BRACKET, Lever Support
6	82020814	1	KIT, Slide

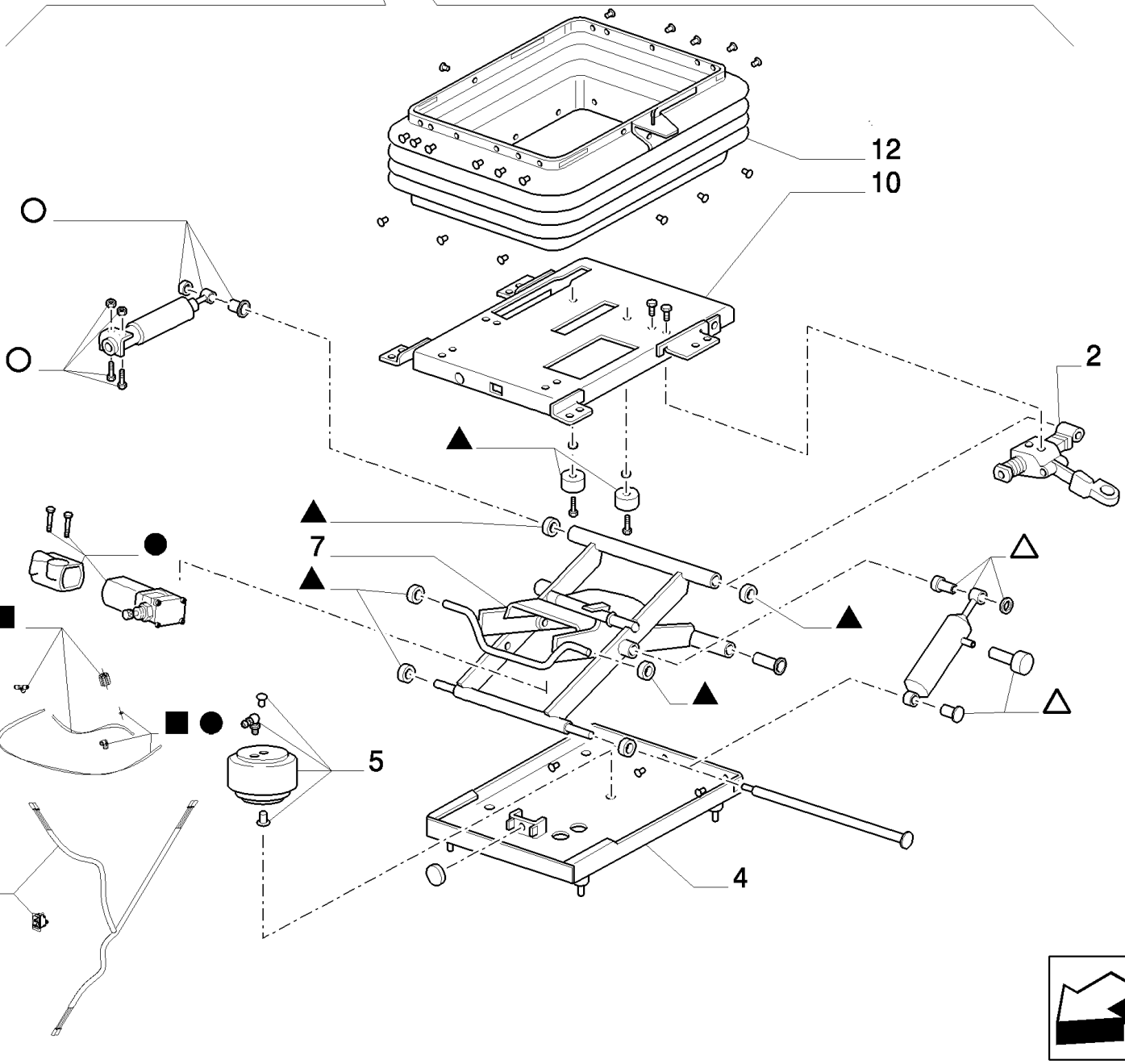
1.93.3/ F(03) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN



KIT

● = 6 ○ = 8
▲ = 9 △ = 3
■ = 11

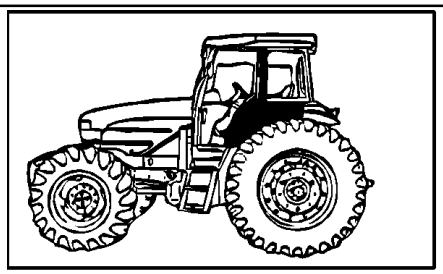




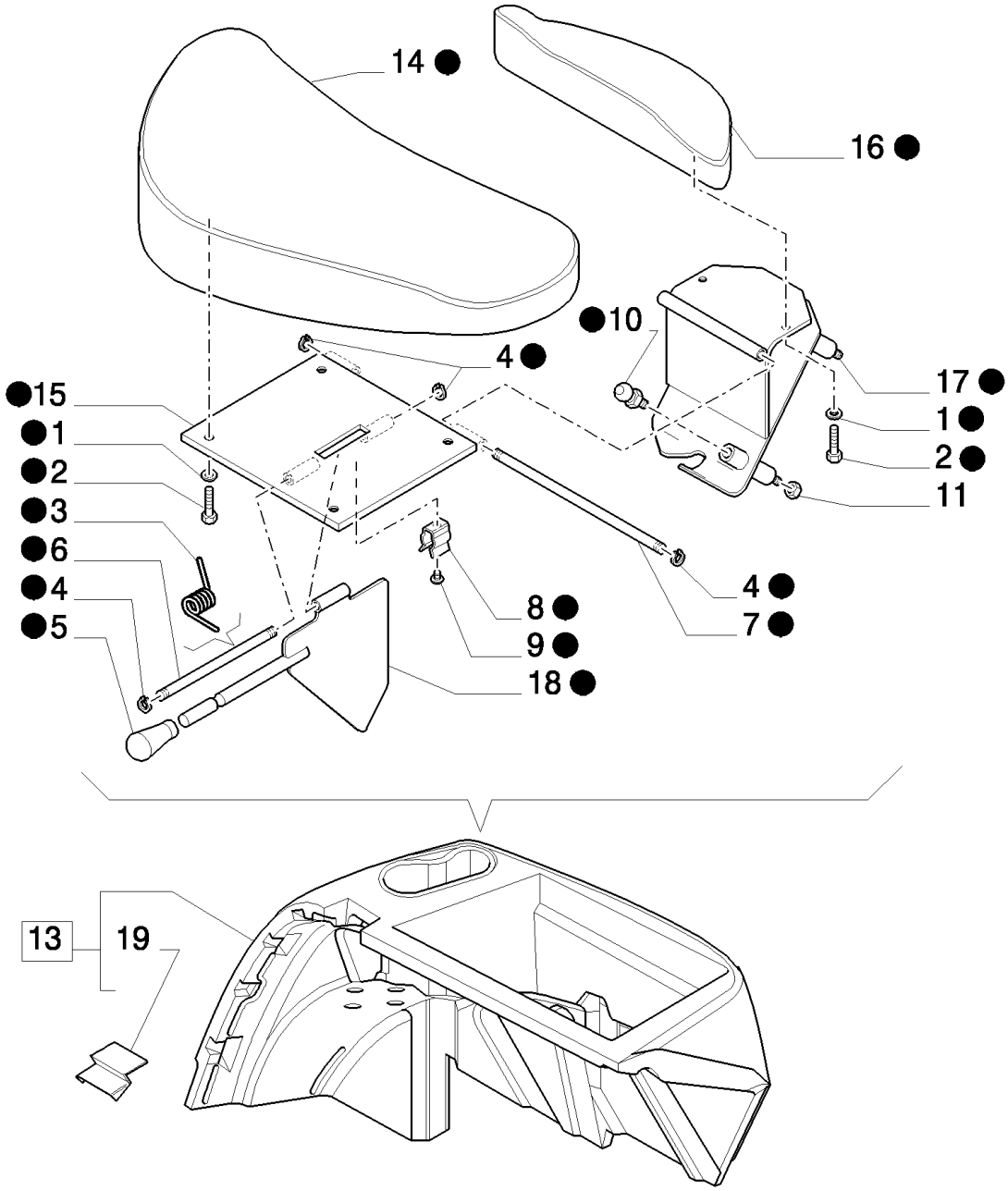
1.93.3/ F(03) (VAR.964) DELUXE AIR SEAT WITH REELING SEAT BELT AND HEATED CUSHION - BREAKDOWN

Ref	Part Number	Qty	Description
1	87363495	1	SEAT, DRIVER, ASSY
1	82039689	1	SUSPENSION, Suspension ASSY
2	82021020	1	KIT, Fore/Aft Insolator
3	82020847	1	KIT, Suspension Shock Absorber
4	82020821	1	KIT, Lower Housing
5	82020819	1	KIT, Air Spring
6	87367817	1	KIT, Compressor W/Heating
7	82020846	1	KIT, Suspension Scissors
8	82020830	1	KIT, Fore/Aft Shock Absorber
9	82020845	1	KIT, Bumper and Roller
10	82020844	1	KIT, Upper Housing
11	87352578	1	KIT, SERVICE, Air Line
12	82020843	1	KIT, Suspension Boot

1.93.3/01 (VAR.865) PASSENGER SEAT



KIT ● = 12

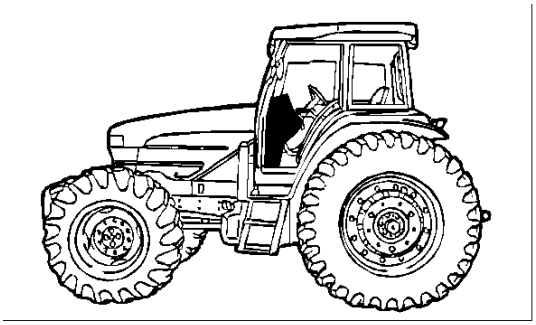


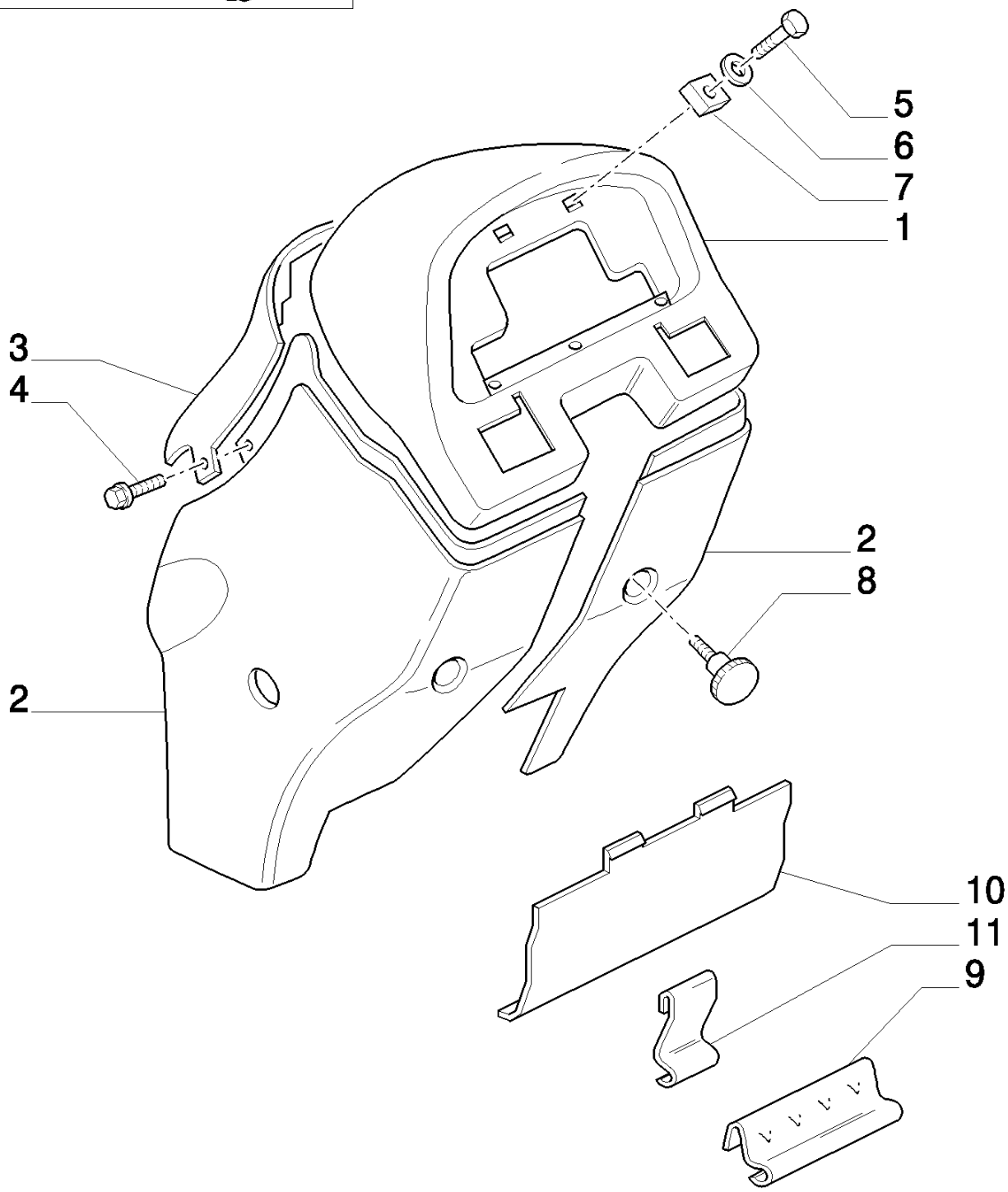
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.93.3/01 (VAR.865) PASSENGER SEAT

Ref	Part Number	Qty	Description
1	10523401	6	WASHER, M6 x 18 x 2,
2	10902024	6	BOLT, Hex, M6 x 12, 8.8, Full Thd,
3	82014654	1	SPRING,
4	11087676	4	CIRCLIP, M5,
5	E2NN9N961AA	1	KNOB,
6	82014652	1	PIN,
7	82014653	1	PIN,
8	82014655	1	CLIP, SPRING,
9	81863119	1	SCREW,
10	82000409	1	PIN, BALL,
11	14059311	4	NUT, M8 x 1.25, Flg, Cl 8,
12	82018627	1	SEAT, DRIVER, ASSY - Not for NA market
13	87305128	1	SOFT TRIM, LH, w/holes for passenger seat
14	82014631	1	CUSHION, SEAT,
15	82014634	1	HINGE,
16	82014638	1	CUSHION, SEAT,
17	82014641	1	BRACKET,
18	82018625	1	SUPPORT,
19	82001632	3	CLIP,

1.93.5 FRONT CONSOLE TRIM



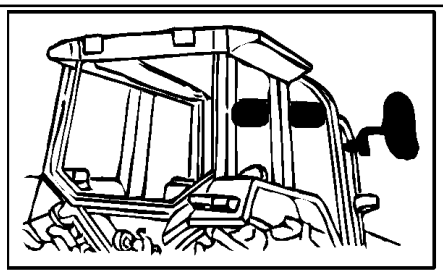


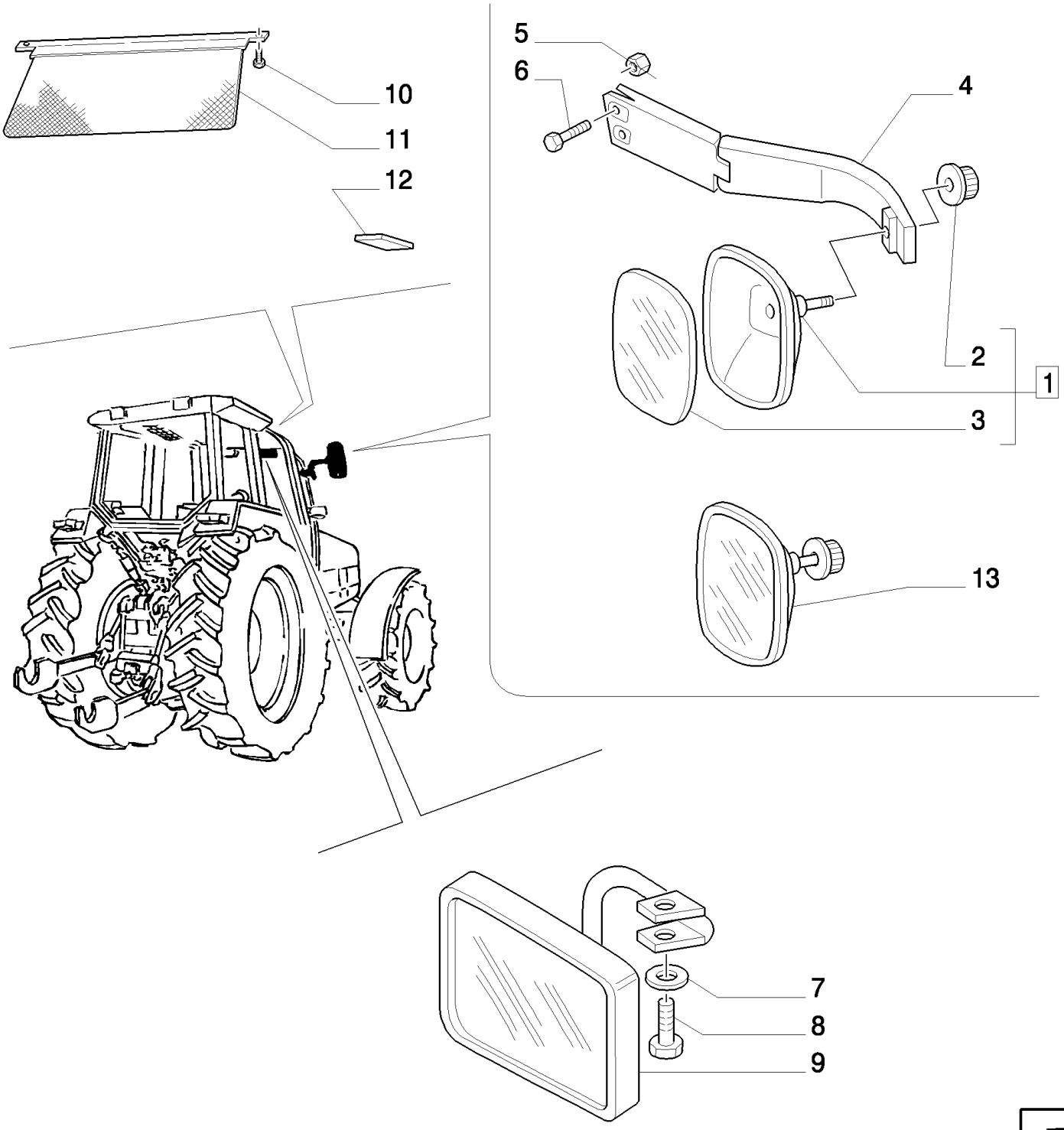
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.93.5 FRONT CONSOLE TRIM

Ref	Part Number	Qty	Description
1	82006097	1	PANEL,
2	82025191	1	PANEL, RH
2	82027677	1	PANEL, LH
3	82025193	1	PANEL,
4	83929012	2	SCREW,
5	10902424	6	BOLT, Hex, M6 x 20, 8.8, Full Thd,
6	12647601	6	WASHER, M6 x 16 x 2,
7	N623342S2	3	NUT, Speed, M6X1
8	82000463	4	KNOB, M6
9	82010681	1	CLIP,
10	82007688	1	COVER,
11	81869650	1	TUBE,

1.93.6 REAR MIRROR - SUN SCREEN



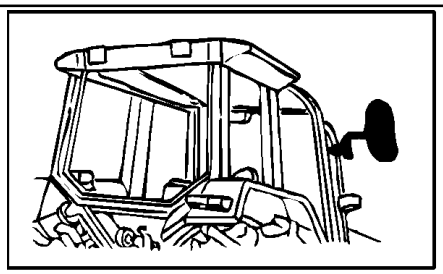


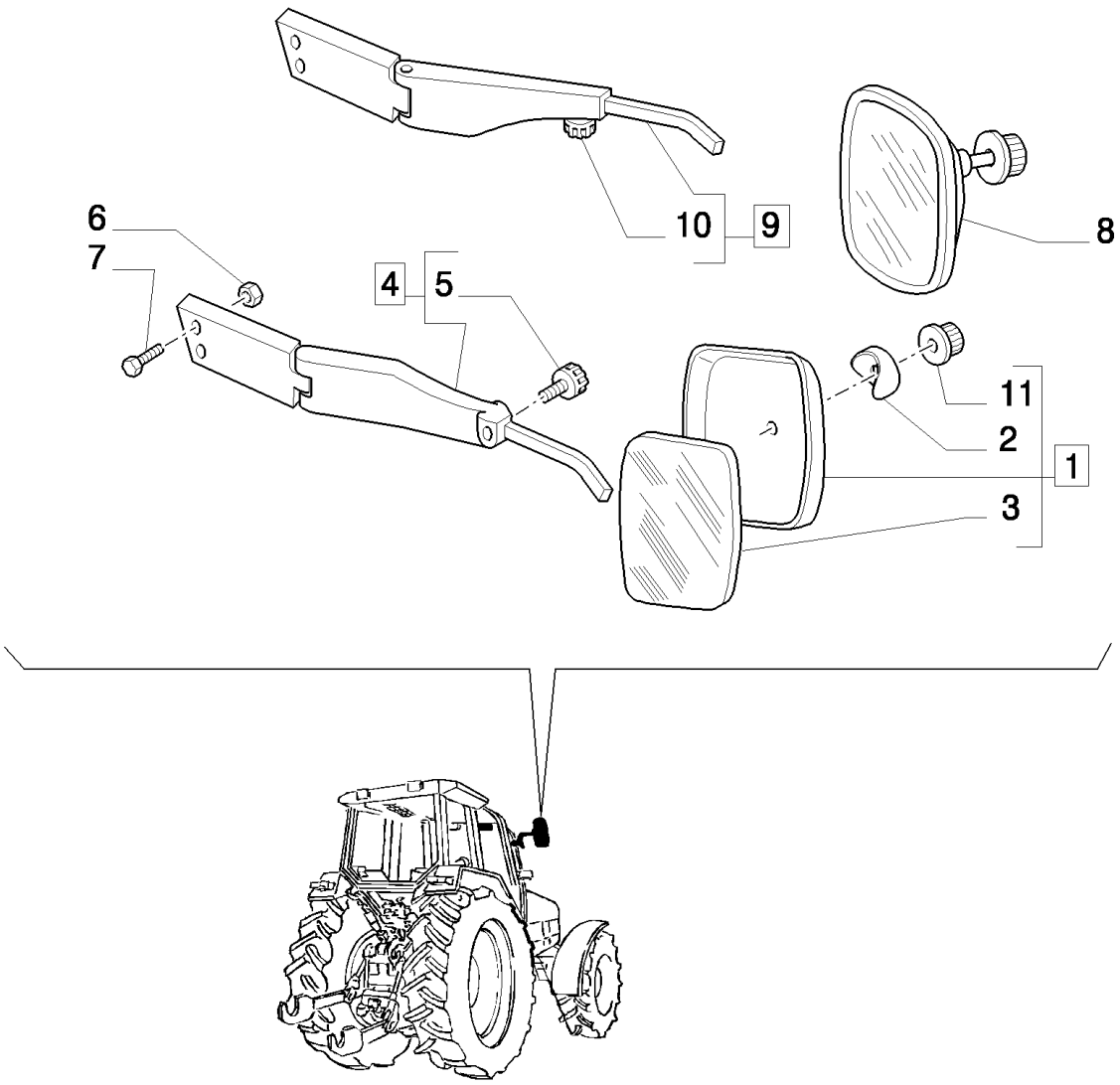
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.93.6 REAR MIRROR - SUN SCREEN

Ref	Part Number	Qty	Description
1	82014840	2	MIRROR, REAR-VIEW, BRITAX # 02*1113
2	82016257	2	KNOB,
3	82015244	2	MIRROR, REPLACEMENT, 253mm x 152mm, " not telescopic "
4	82014838	1	ARM, RH
4	82014839	1	ARM, LH
5	12577211	4	NUT, LOCK, M10 x 1.5, Cl 8,
6	81869630	4	SCREW, Hex Soc Hd, M10 x 35, 8.8,
7	12647601	1	WASHER, M6 x 16 x 2,
8	16050621	1	BOLT, Hex, M6 x 30, 8.8, Full Thd,
9	82018819	1	MIRROR, REAR-VIEW, Inside, 195mm x 144mm
10	15902707	4	SCREW, SELF TAPPING, Cross Pan Hd, M3.5 x 19,
11	5176441	1	SUN CURTAIN,
12	82000080	2	INSULATOR,
13	87339177	1	MIRROR ASSY., 300mm x 200mm (VAR.053)

1.93.6/01 (VAR.879) TELESCOPIC REAR VIEW MIRROR





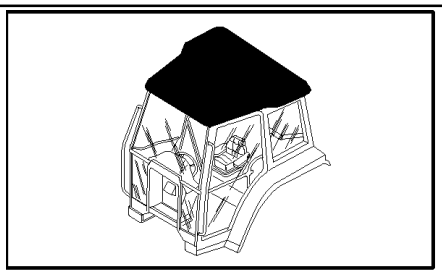
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

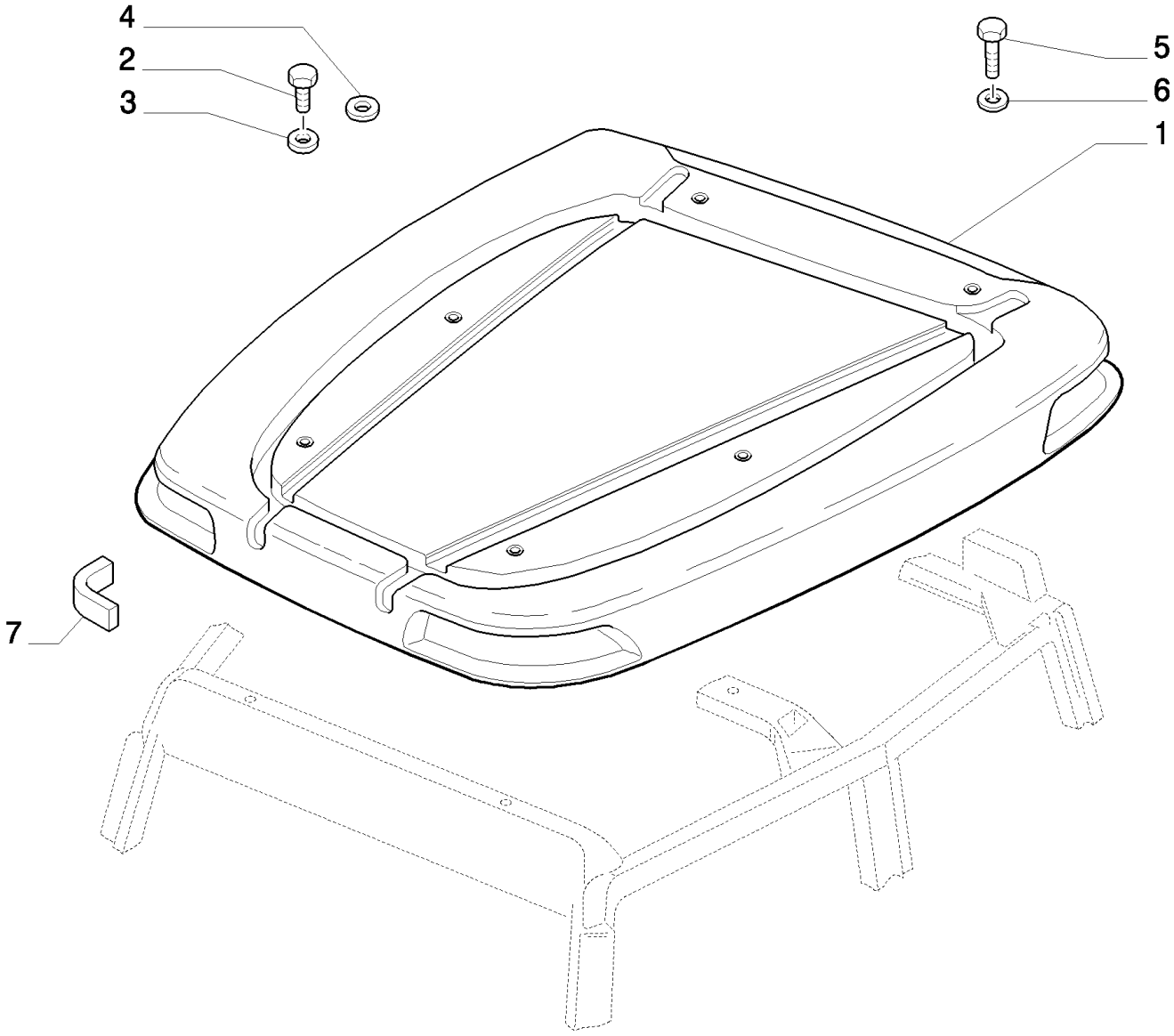
1.93.6/01 (VAR.879) TELESCOPIC REAR VIEW MIRROR

Ref	Part Number	Qty	Description
1	82014587	2	MIRROR, REAR-VIEW, BRITAX # 02*5481, -C4878
2	82035908	2	WASHER,
3	82015243	2	MIRROR, REPLACEMENT, , -C4878
4	82029422	1	MIRROR, REAR-VIEW, RH, -C5239
4	82014589	1	ARM, LH, -C5239
5	82015245	2	KNOB, , -C5239
6	12577211	4	NUT, LOCK, M10 x 1.5, Cl 8,
7	81869630	4	SCREW, Hex Soc Hd, M10 x 35, 8.8,
8	87339177	1	MIRROR ASSY., , D4878-
9	87339174	1	ARM, RH, D5239-
9	87339173	1	ARM, LH, D5239-
10	87365131	1	KNOB, , D5239-
11	82016257	2	KNOB, , -C4878

D4878 After Date 04/11/2003 D5239 After Date 8 September 2005

1.94.0(01) ROOF



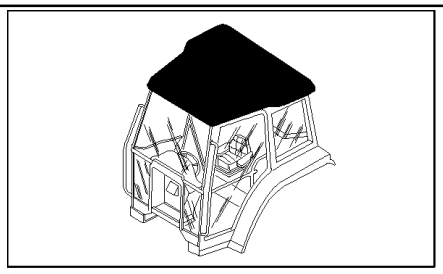


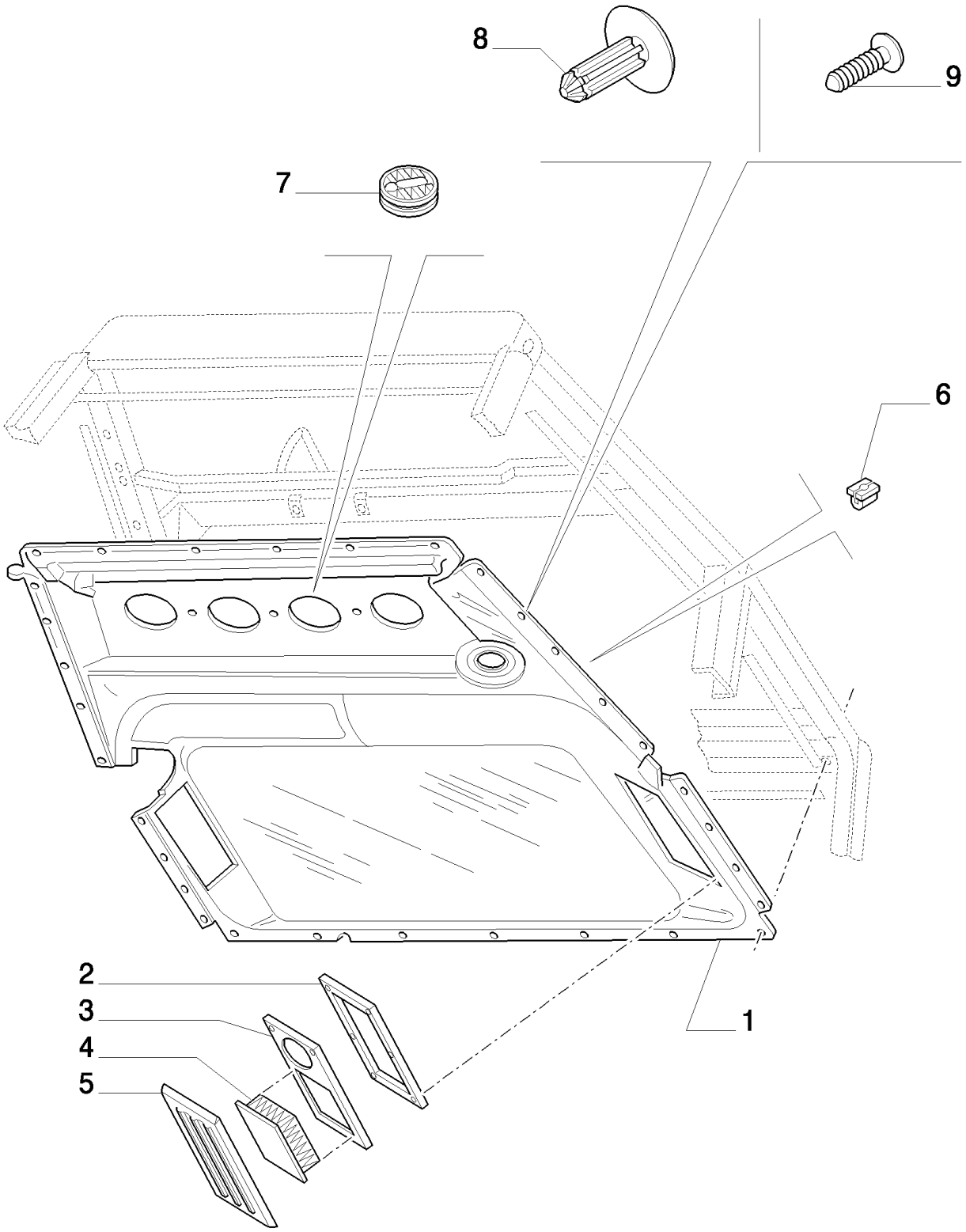
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.94.0(01) ROOF

Ref	Part Number	Qty	Description
1	82024651	1	ROOF, WHITE
1	87354940	1	ROOF, BLUE
2	11114221	2	BOLT, Hex, M12 x 100, 8.8,
3	83994544	2	WASHER,
4	82014155	4	WASHER, 7X20
5	16043824	2	BOLT, Hex, M8 x 30, 8.8, Full Thd,
5	16044524	2	BOLT, Hex, M8 x 65, 8.8,
5	82031699	4	SCREW, M8X90
6	12647004	4	WASHER, M8 x 25 x 2.5,
7	82000733	1	SEAL, RUBBER, One piece=a lenght of 6 metres

1.94.0(02) ROOF



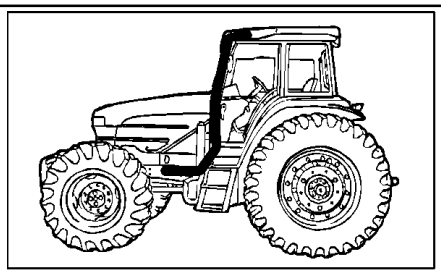


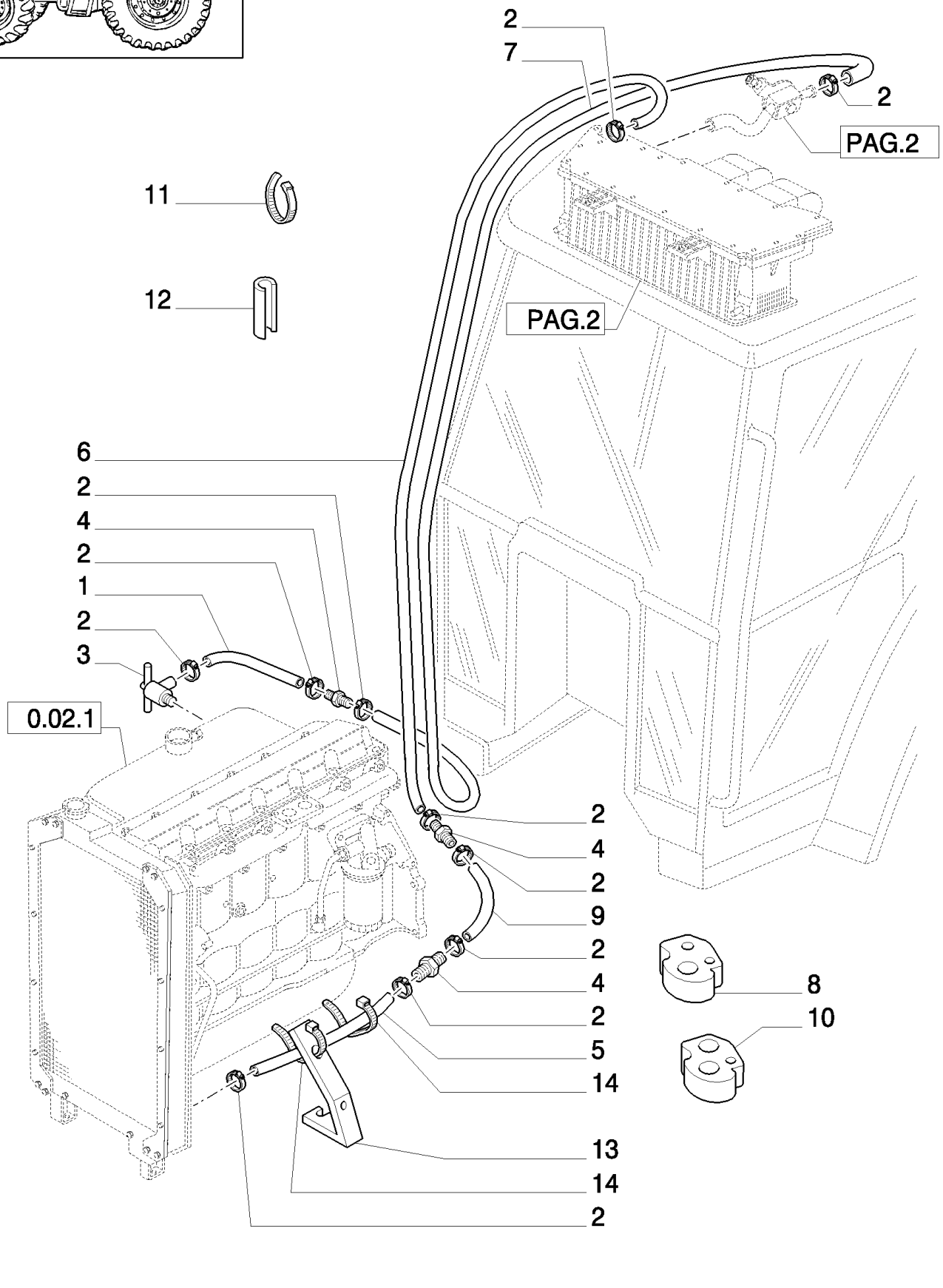
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.94.0(02) ROOF

Ref	Part Number	Qty	Description
1	82014976	1	SOFT TRIM,
2	82016788	2	CAPPING,
3	82016736	2	SUPPORT,
4	82018373	2	FILTER, CAB,
5	82016735	2	GRILLE, Filter & Speaker
6	83907330	2	NUT,
7	83994728	4	VENT,
8	81870829	21	RETAINER,
9	83998841	15	STUD,

1.94.2(01) AIR CONDITIONER

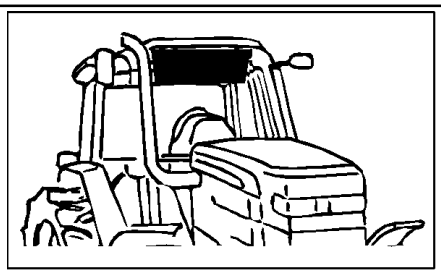


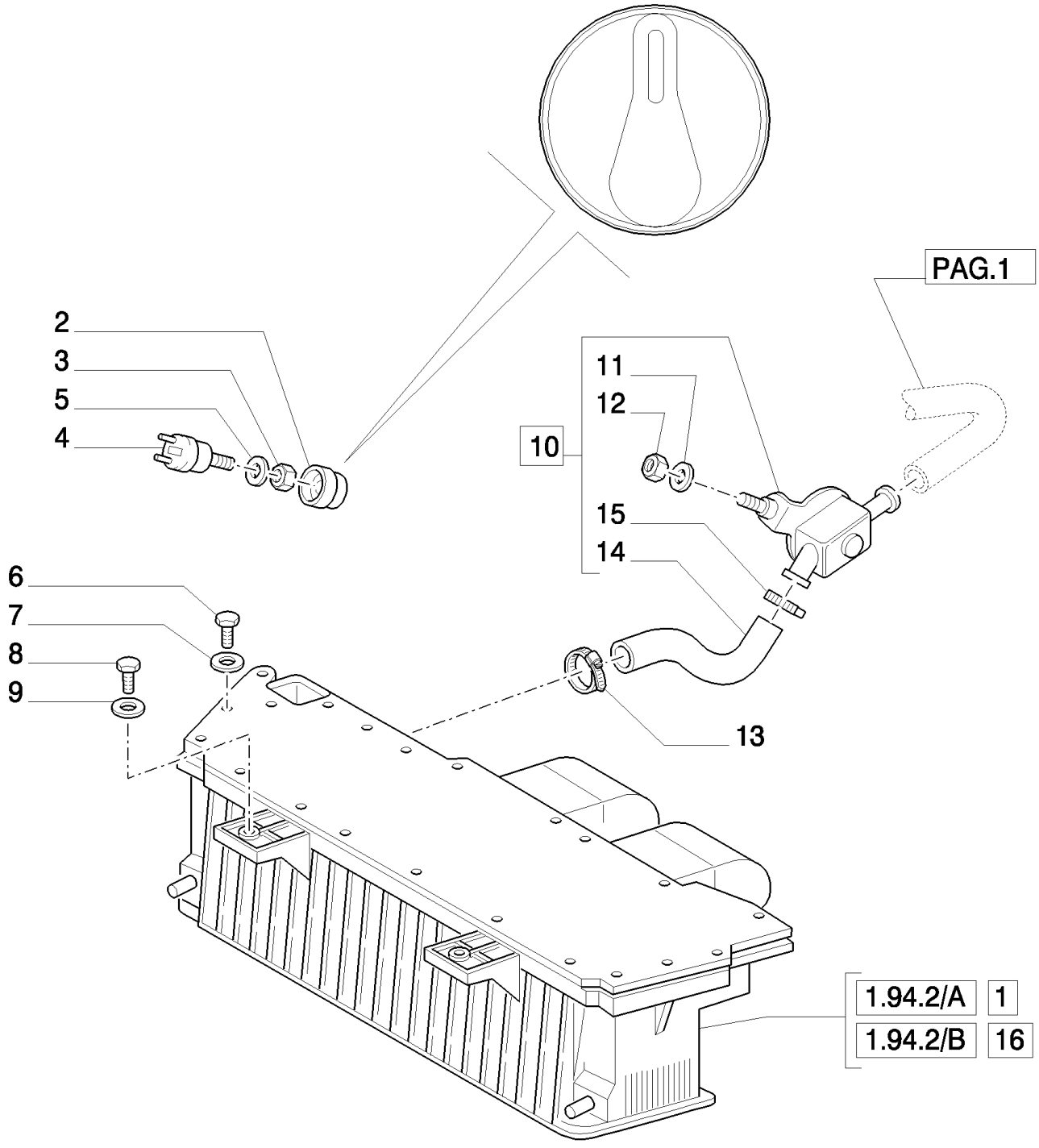


1.94.2(01) AIR CONDITIONER

Ref	Part Number	Qty	Description
1	82020608	1	HOSE,
2	82019905	8	CLAMP, HOSE,
3	83961305	1	VALVE, SHUT-OFF,
4	83954537	3	CONNECTOR, HYD.,
5	82036149	1	HOSE, FLEXIBLE, L=2415
6	83994769	1	HOSE, FLEXIBLE, , BSN ACM269617
6	87382947	1	HOSE, FLEXIBLE, , ASN ACM269618
7	82014535	1	HOSE, FLEXIBLE, , BSN ACM269617
7	87382945	1	HOSE, FLEXIBLE, , ASN ACM269618
8	82031690	1	INSULATOR, W/Air Cond.
9	82010787	1	HOSE,
10	82001902	1	INSULATION, FOAM, W/Air Cond.
11	7707763	1	STRAP,
12	82015330	1	BUMPER,
13	82027305	1	COLLAR, RETAINER,
14	263117	2	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L

1.94.2(02) AIR CONDITIONER





D4994 From Date 15/07/02 D4995 Serial N.ACM210478 D5270 Serial N.ACM280644

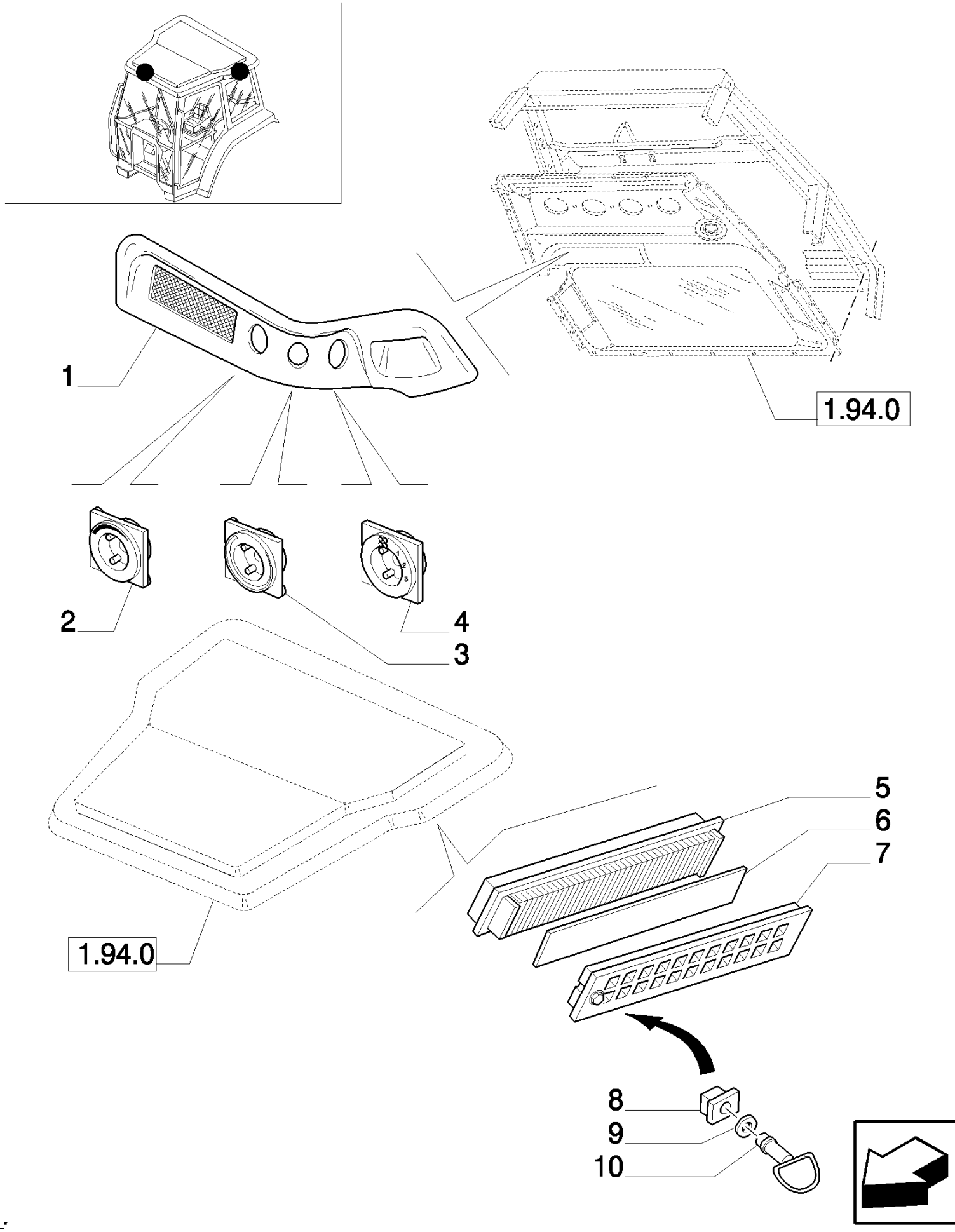
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.94.2(02) AIR CONDITIONER

Ref	Part Number	Qty	Description
1	82024427	1	AIR CONDITIONING, , -C4994
1	82027127	1	AIR CONDITIONING, , D4994-ACM210477
2	81867238	2	KNOB,
2	81867241	1	KNOB, W/Air Cond.
3	80274562	1	NUT,
4	83907434	1	SWITCH,
5	89715503	1	WASHER, LOCK,
6	10903221	2	BOLT, Hex, M6 x 40, 8.8,
7	12035670	4	WASHER, LOCK,
8	10902424	2	BOLT, Hex, M6 x 20, 8.8, Full Thd,
9	17094714	2	WASHER, LOCK,
10	82020530	1	VALVE, CONTROL, , BSN ACM280643
10	87380762	1	CONTROL UNIT, , ASN ACM280644
11	83925303	1	WASHER, LOCK, Ext Tooth, M12, , BSN ACM280643
12	81868671	1	NUT, , BSN ACM280643
13	80263117	2	STRAP, SECURING, 3/32" x 11-1/2" L
14	82014536	1	HOSE, FLEXIBLE,
15	82019905	1	CLAMP, HOSE,
16	82034850	1	AIR CONDITIONING, , ASN ACM210478

D4994 From Date 15/07/02 D4995 Serial N.ACM210478 D5270 Serial N.ACM280644

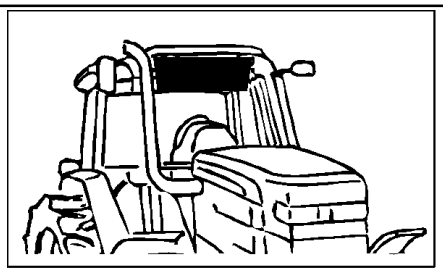
1.94.2(03) AIR CONDITIONER

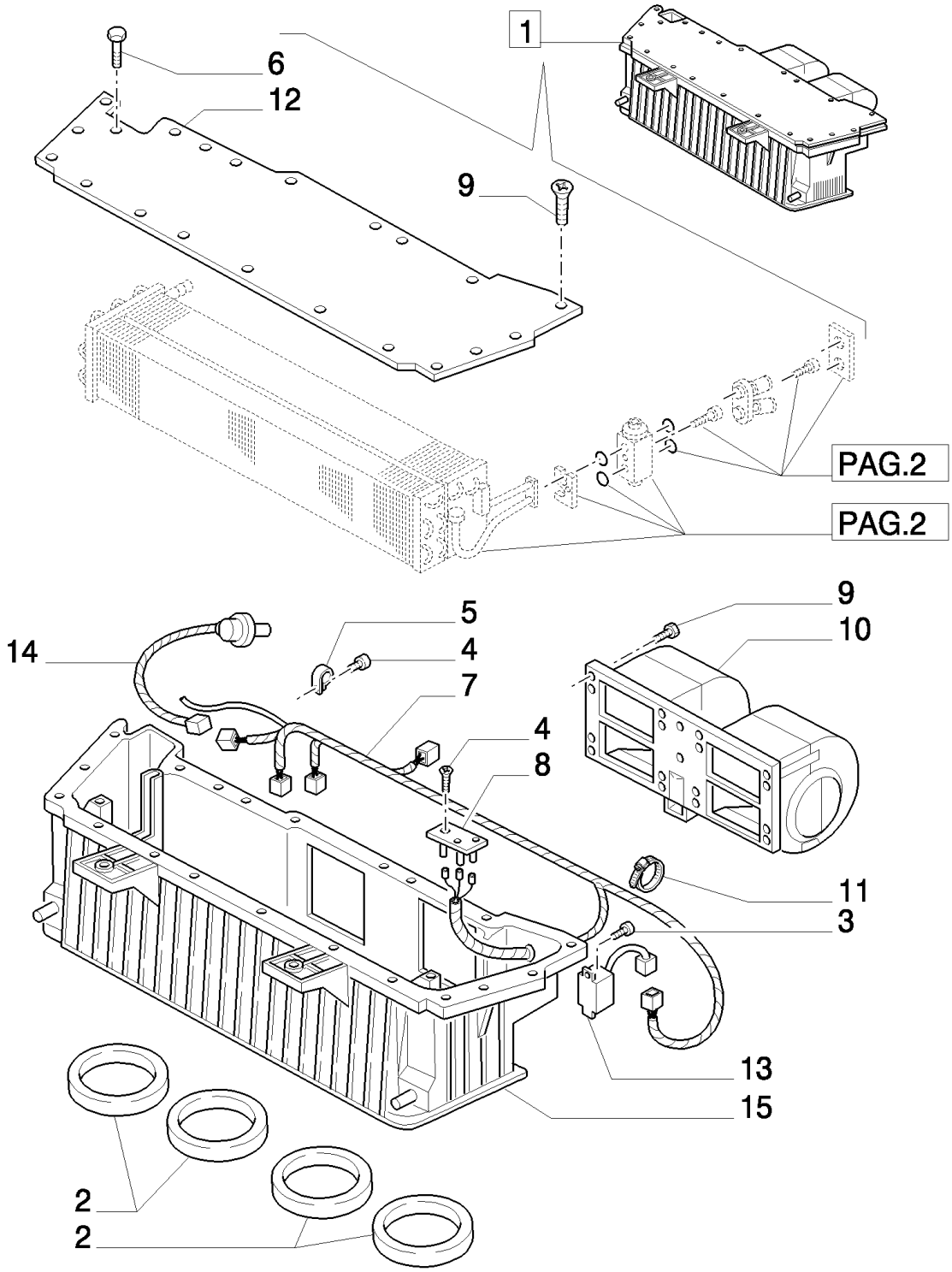


TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.94.2(03) AIR CONDITIONER

Ref	Part Number	Qty	Description
1	82026504	1	PANEL, W/AIR COND, Incl. Ref. 2,3,4
2	82857756	1	CONTAINER,
3	82026502	1	CONTAINER,
4	82000047	1	CONTAINER,
5	87385322	2	FILTER, CAB,
6	82033107	2	FILTER, AIR, Single pkg qty. For multi pkg [qty.2] order 82033107MP,
7	81871634	2	SUPPORT, Incl. Ref. 9 & 10
8	83994515	2	RETAINER,
9	F0NN94549N07BA	4	RETAINER,
10	81875580	2	PIN,

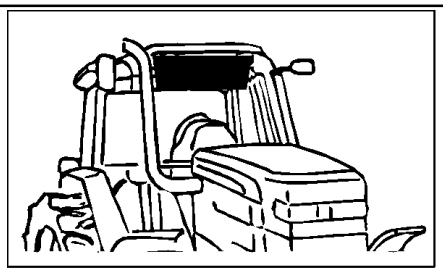


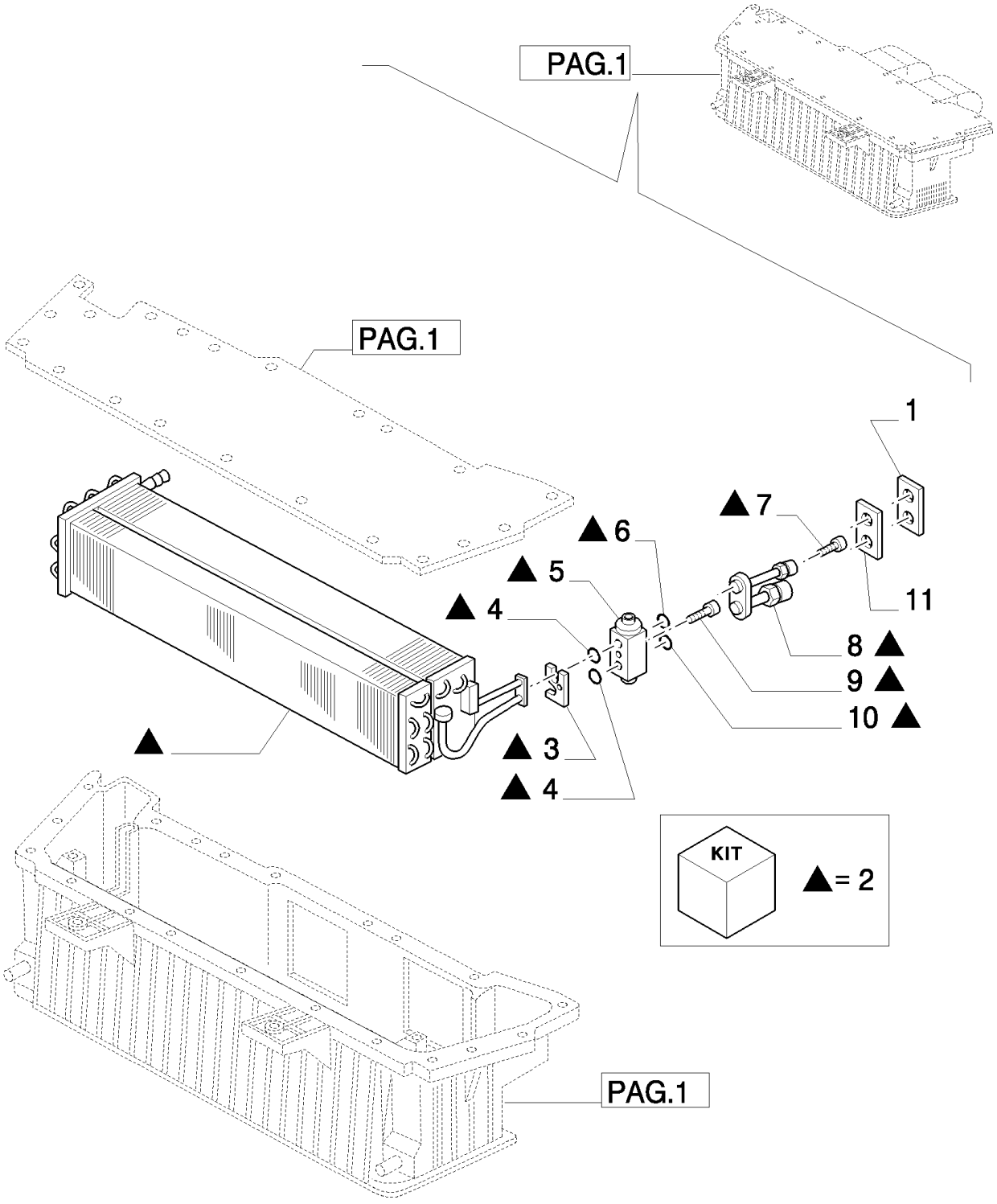

1
6
12
9
PAG.2
PAG.2
14
5
4
7
4
8
9
10
11
3
13
15
2
2

1.94.2/ A(01) AIR CONDITIONING BREAKDOWN - C4995

Ref	Part Number	Qty	Description
1	82024427	1	AIR CONDITIONING, , -C4994
1	82027127	1	AIR CONDITIONING, , D4994-
2	F0NN18N358AB	4	SEAL,
3	82000559	2	SCREW,
4	82000560	4	SCREW,
5	82000564	3	CLIP,
6	82866253	5	SCREW,
7	82024425	1	CABLE, ELECTRIC,
8	81870363	1	RESISTOR,
9	82001934	23	SCREW,
10	82034854	1	BLOWER,
11	263117	16	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
12	82000581	1	COVER,
13	82034877	1	THERMOSTAT, , -C4994
13	82024945	1	THERMOSTAT, , D4994-
14	82024042	1	SWITCH, ASSY, , -C4994
14	82027128	1	SWITCH, ASSY, , D4994-
15	82000550	1	PANEL,

1.94.2/ A(02) AIR CONDITIONING BREAKDOWN - C4995

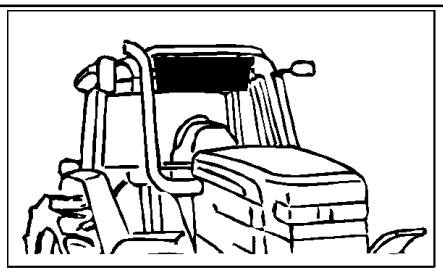


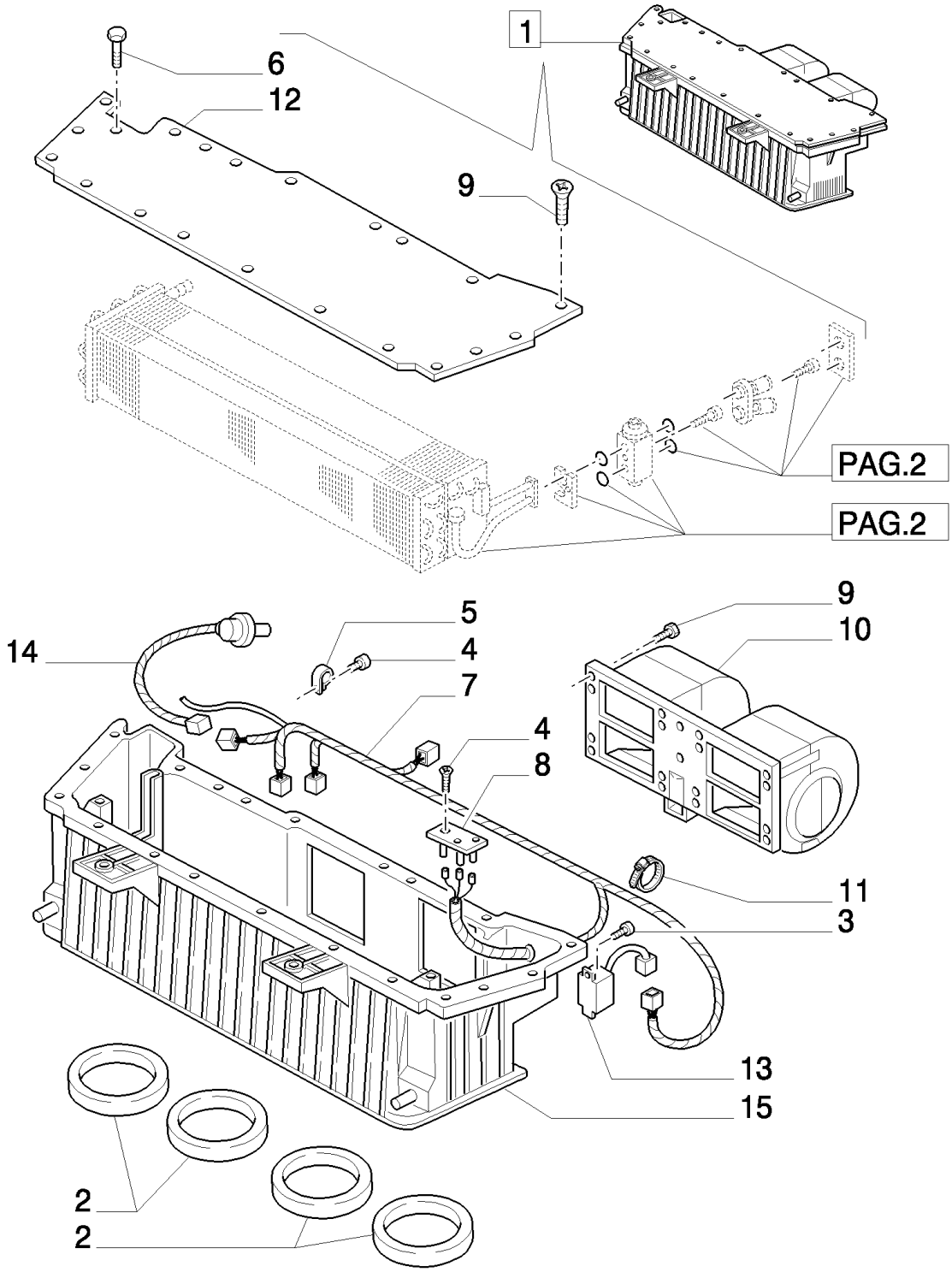


1.94.2/ A(02) AIR CONDITIONING BREAKDOWN - C4995

Ref	Part Number	Qty	Description
1	81872757	1	SEAL, 118X58
2	82009238	1	EVAPORATOR,
3	81874723	1	PLATE,
4	9827058	2	O-RING, .426" ID x .070" Thk
5	82000932	1	VALVE, HYDRAULIC, HIDR. Expansion
6	89827059	1	O-RING, .551" ID x .070" Thk
7	F0NN19N731AA	1	SCREW,
8	82009113	1	TUBE,
9	81874721	2	SCREW,
10	82000793	1	O-RING, 5/16" ID x .070" Thk, Green
11	82009242	1	SEAL, 114,5X37

1.94.2/ B(01) AIR CONDITIONING BREAKDOWN - D4995

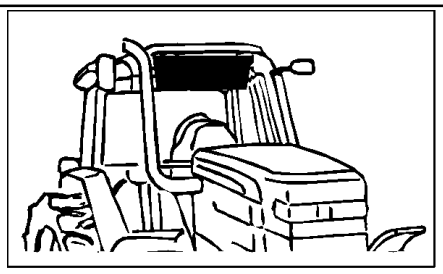


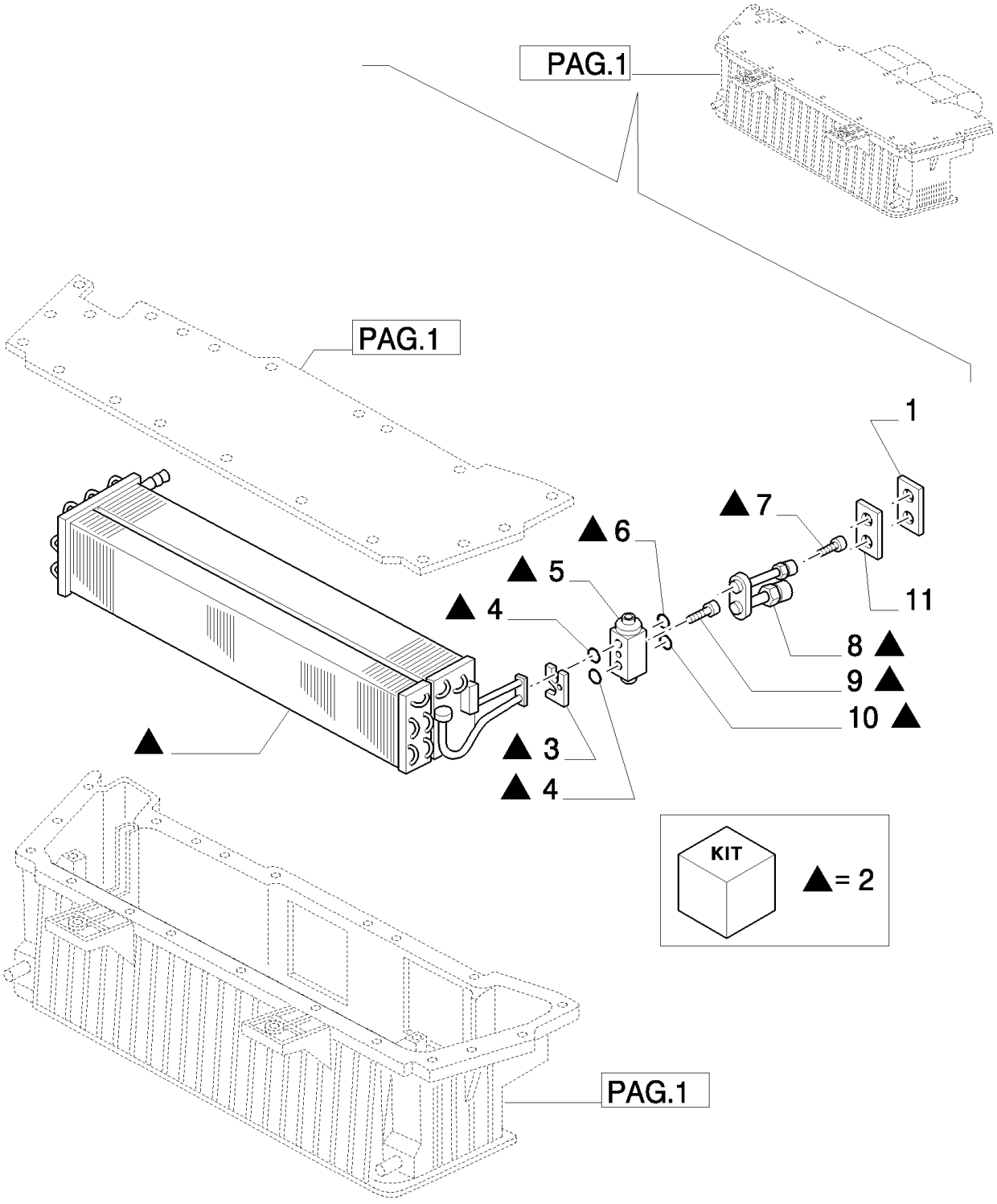


1.94.2/ B(01) AIR CONDITIONING BREAKDOWN - D4995

Ref	Part Number	Qty	Description
1	82034850	1	AIR CONDITIONING,
2	F0NN18N358AB	4	SEAL,
3	82000559	2	SCREW,
4	82000560	4	SCREW,
5	82000564	3	CLIP,
6	82866253	5	SCREW,
7	82034871	1	CABLE, ELECTRIC,
8	81870363	1	RESISTOR,
9	82001934	23	SCREW,
10	82034852	1	BLOWER,
11	263117	16	STRAP, CABLE, .14" x 11 1/2", 3/32" x 11-1/2" L
12	82000581	1	COVER,
13	82034877	1	THERMOSTAT,
14	82027128	1	SWITCH, ASSY,
15	82000550	1	PANEL,

1.94.2/ B(02) AIR CONDITIONING BREAKDOWN - D4995

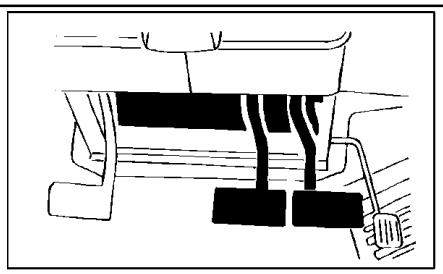


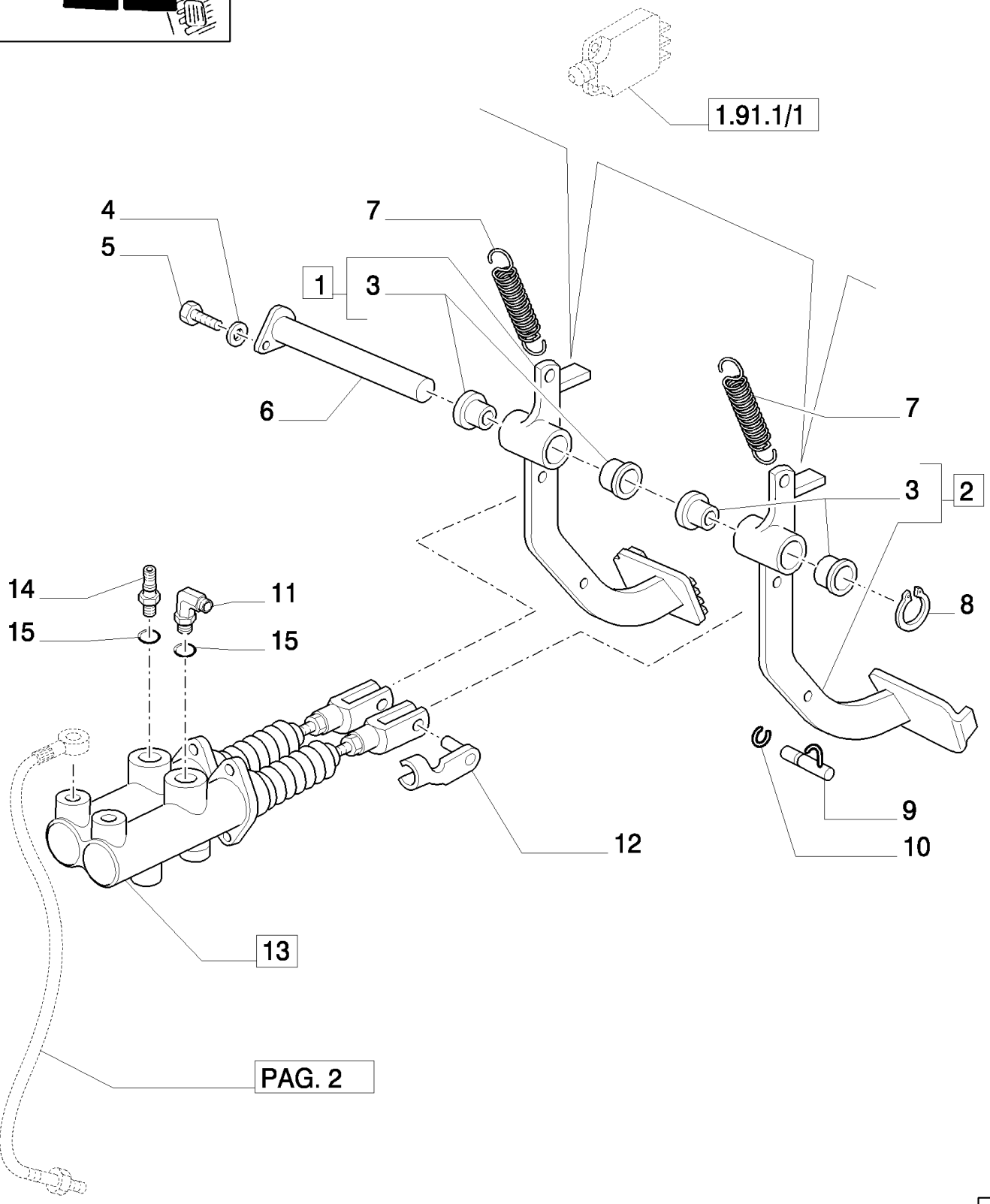


1.94.2/ B(02) AIR CONDITIONING BREAKDOWN - D4995

Ref	Part Number	Qty	Description
1	81872757	1	SEAL, 118 x 58
2	82034855	1	EVAPORATOR,
3	81874723	1	PLATE,
4	9827058	2	O-RING, .426" ID x .070" Thk
5	82034858	1	VALVE, HIDR. Expansion
6	89827059	1	O-RING, .551" ID x .070" Thk
7	F0NN19N731AA	1	SCREW,
8	82034859	1	TUBE,
9	81874721	2	SCREW, M5 x 45
10	82000793	1	O-RING, 5/16" ID x .070" Thk, Green
11	82027128	1	SWITCH, ASSY, 114,5 x 37

1.95.0/01(01) BRAKE PEDALS - C4879

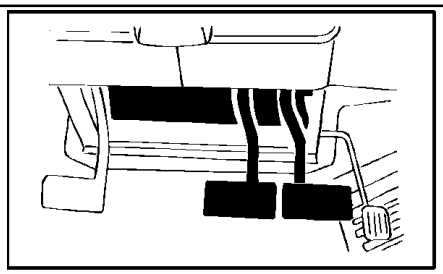


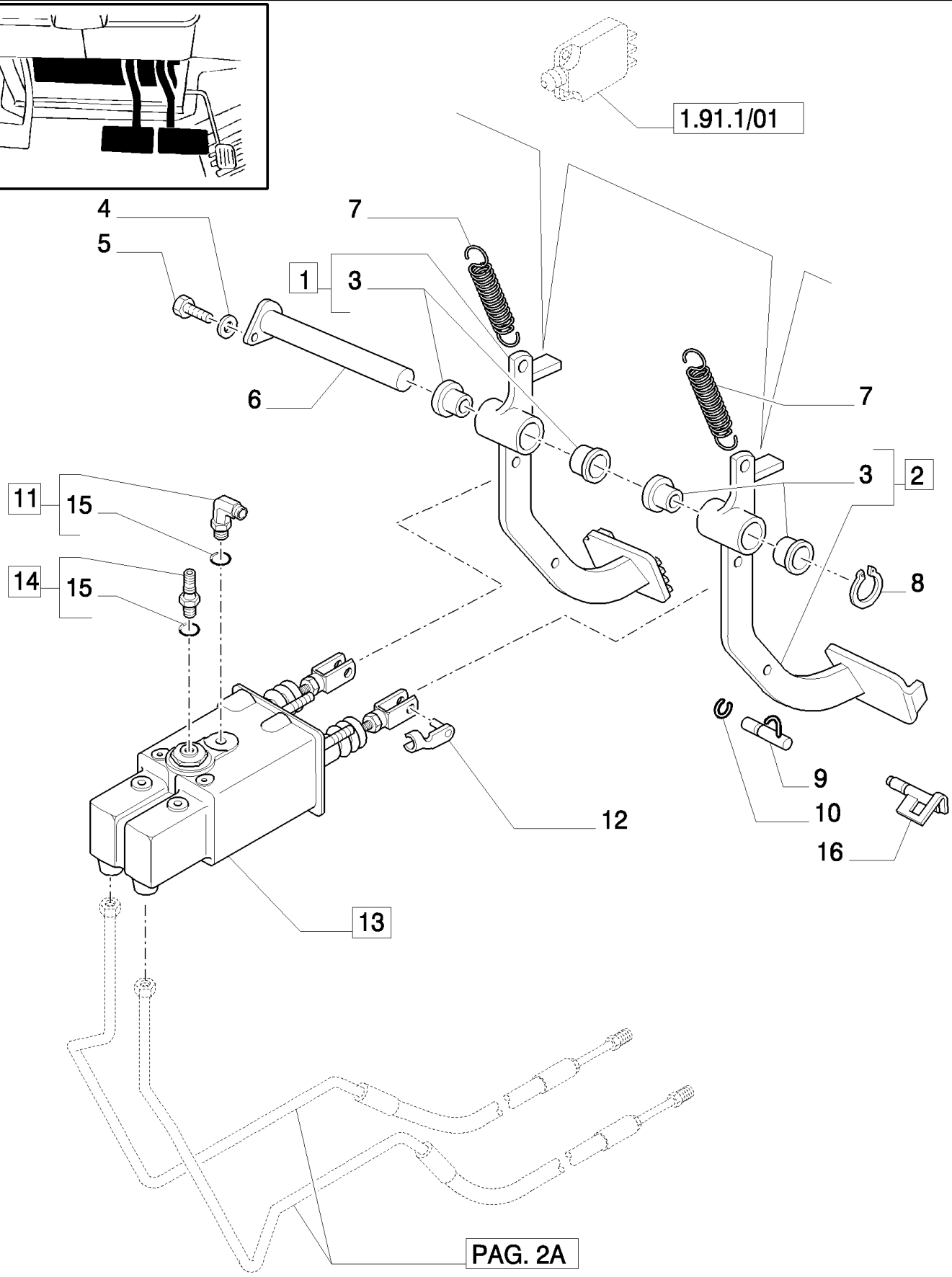


1.95.0/01(01) BRAKE PEDALS - C4879

Ref	Part Number	Qty	Description
1	82026227	1	PEDAL, RH
2	82026260	1	PEDAL, LH
3	5155548	4	BUSHING,
4	85700573	1	WASHER, LOCK, Ext Tooth, M6,
5	10902024	1	BOLT, Hex, M6 x 12, 8.8, Full Thd,
6	82030041	1	PIN,
7	5153180	2	SPRING,
8	V36698	1	RING, SNAP,
9	82019442	1	PIN,
10	11088171	1	RING, SNAP, M11,
11	5158418	1	CONNECTOR, HYD., Incl. 15
12	87316560	2	PIN,
13	82024410	2	MASTER CYLINDER,
14	82029114	1	CONNECTOR, WIRE, Incl. 15
15	14437885	2	O-RING, 13.3MM ID x 2.4 Thk,

1.95.0/01(01A) BRAKE PEDALS - D4879





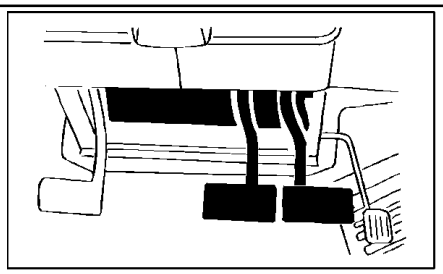
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

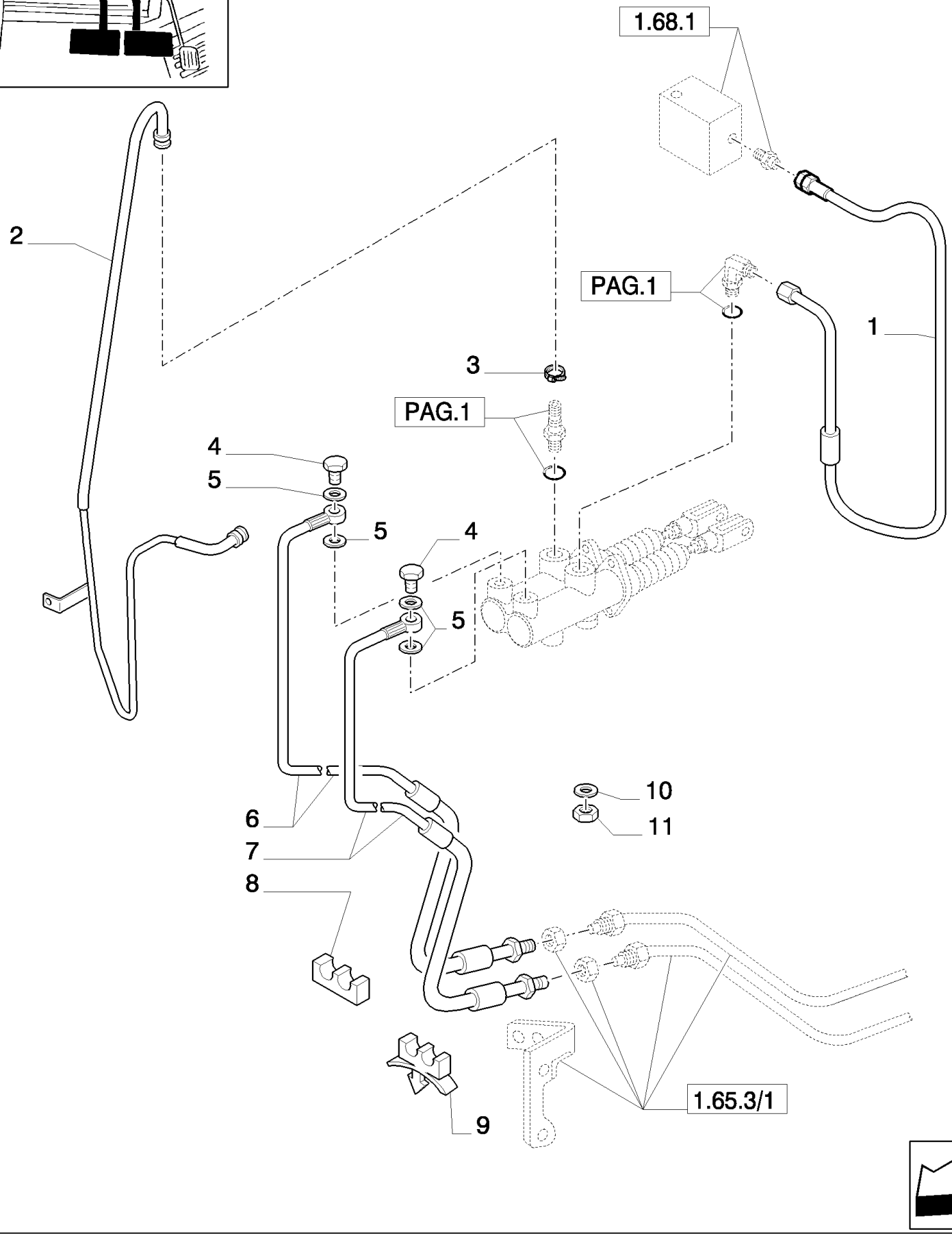
1.95.0/01(01A) BRAKE PEDALS - D4879

Ref	Part Number	Qty	Description
1	82026227	1	PEDAL, RH
2	82026260	1	PEDAL, LH
3	5155548	4	BUSHING,
4	85700573	1	WASHER, LOCK, Ext Tooth, M6,
5	10902024	1	BOLT, Hex, M6 x 12, 8.8, Full Thd,
6	82030041	1	PIN,
7	5153180	2	SPRING,
8	V36698	1	RING, SNAP,
9	82036476	1	PIN, , -C5133
10	11088171	1	RING, SNAP, M11,
11	5158418	1	CONNECTOR, HYD., Incl. 15
12	87316560	2	PIN,
13	82037485	2	BRAKE CYLINDER,
14	82029114	1	CONNECTOR, WIRE, Incl. 15
15	14437885	2	O-RING, 13.3MM ID x 2.4 Thk,
16	87325895	1	PIN, , D5133-

D4879 Serial N.230926 D5133 After Date 30/03/2005

1.95.0/01(02) BRAKE PEDALS - C4879



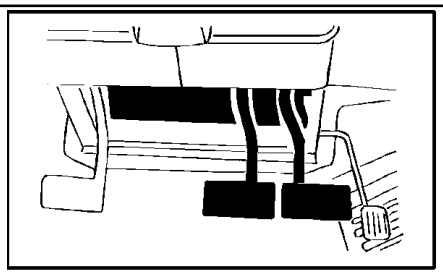


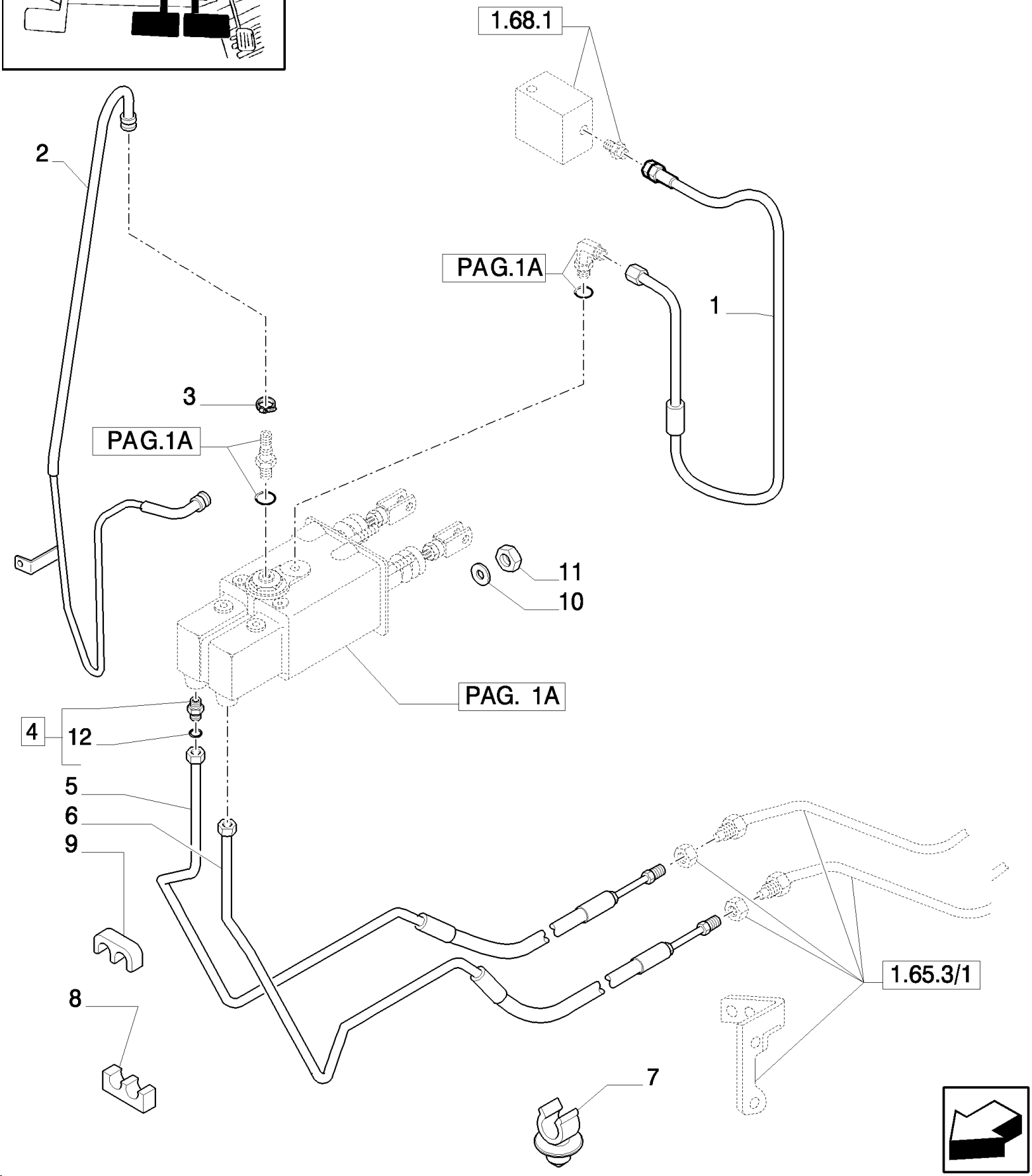
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.95.0/01(02) BRAKE PEDALS - C4879

Ref	Part Number	Qty	Description
1	82031537	1	HOSE, FLEXIBLE,
2	82036847	1	HOSE, FLEXIBLE,
3	82013031	1	STRAP, CABLE, M4.8 x 193,
4	5121685	2	BOLT, BANJO,
5	5183780	4	WASHER, SEALING,
6	82031680	1	HOSE, FLEXIBLE,
7	82031681	1	HOSE, FLEXIBLE,
8	81863753	2	CLIP,
9	81863745	2	CLIP,
10	10516674	4	WASHER, LOCK, D=8
11	16100811	4	NUT, M8, Cl 8,

C4879 Serial N.230925




1.68.1
2
PAG.1A
1
3
PAG.1A
11
10
PAG. 1A
4
12
5
6
9
1.65.3/1
8
7

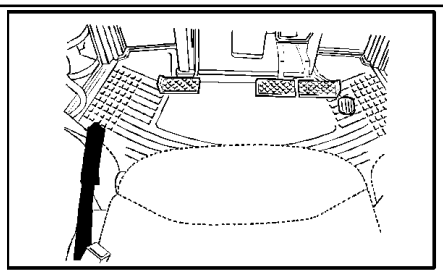
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

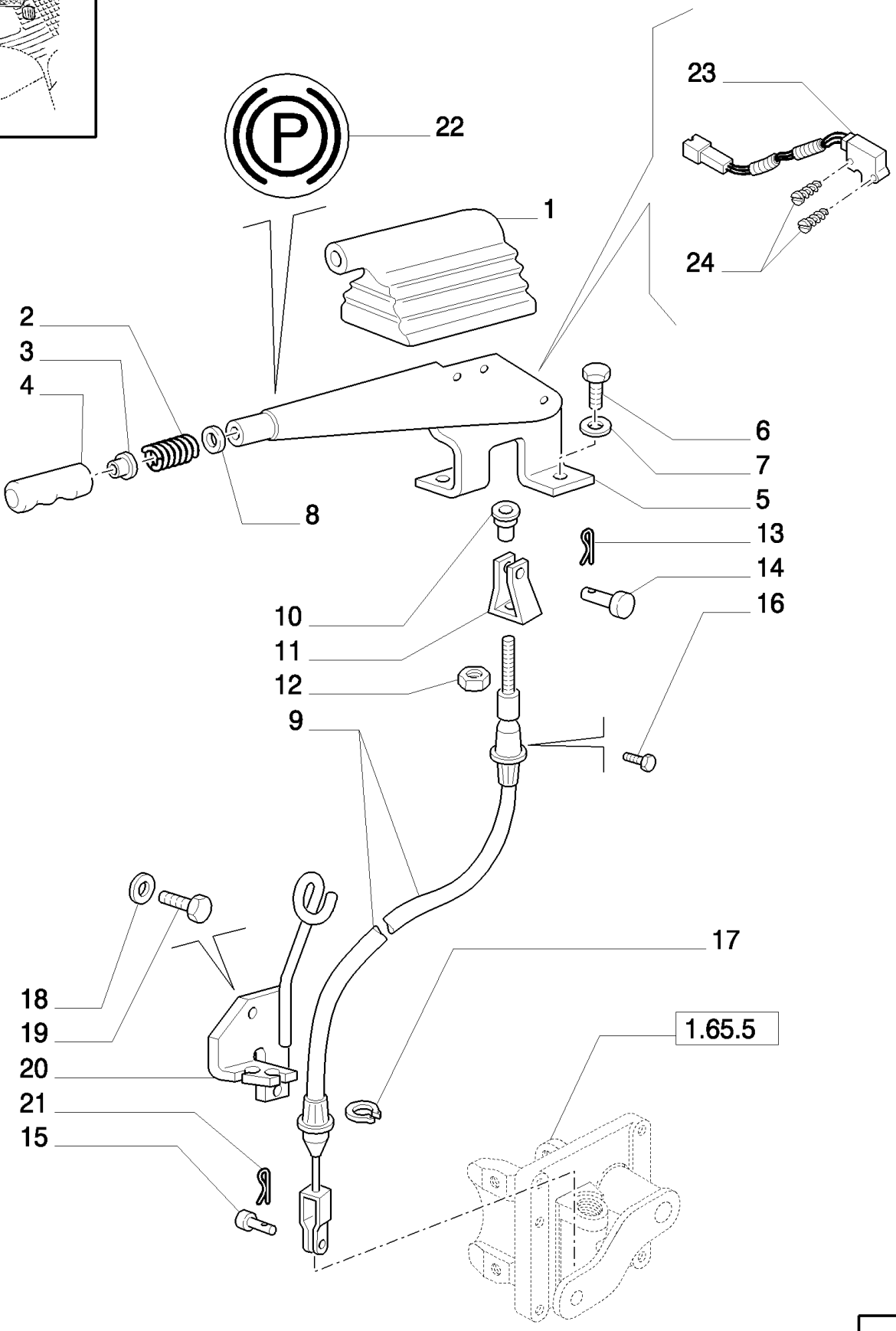
1.95.0/01(02A) BRAKE PEDALS - D4879

Ref	Part Number	Qty	Description
1	82031537	1	HOSE, FLEXIBLE, Return
2	82036847	1	HOSE, FLEXIBLE, Feed, -C5091
2	87310379	1	TUBE, Feed, D5091-
3	82013031	1	STRAP, CABLE, M4.8 x 193,
4	82019693	2	CONNECTOR, HYD., M14-11/16
5	87301553	1	TUBE, To RH Brake
6	87301552	1	TUBE, To LH Brake
7	82038909	2	CLIP, HOSE,
8	81863753	2	CLIP,
9	82035645	2	CLIP, HOSE, F/8MM Pipe
10	10516674	4	WASHER, LOCK, D=8
11	16100811	4	NUT, M8, Cl 8,
12	81844851	2	O-RING,

D4879 Serial N.230926 D5091 After Date 01 November 2005

1.95.1 HANDBRAKE CONTROL



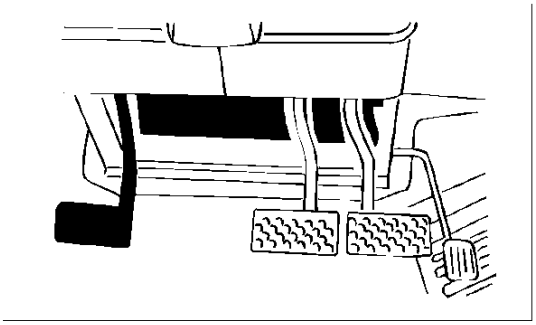


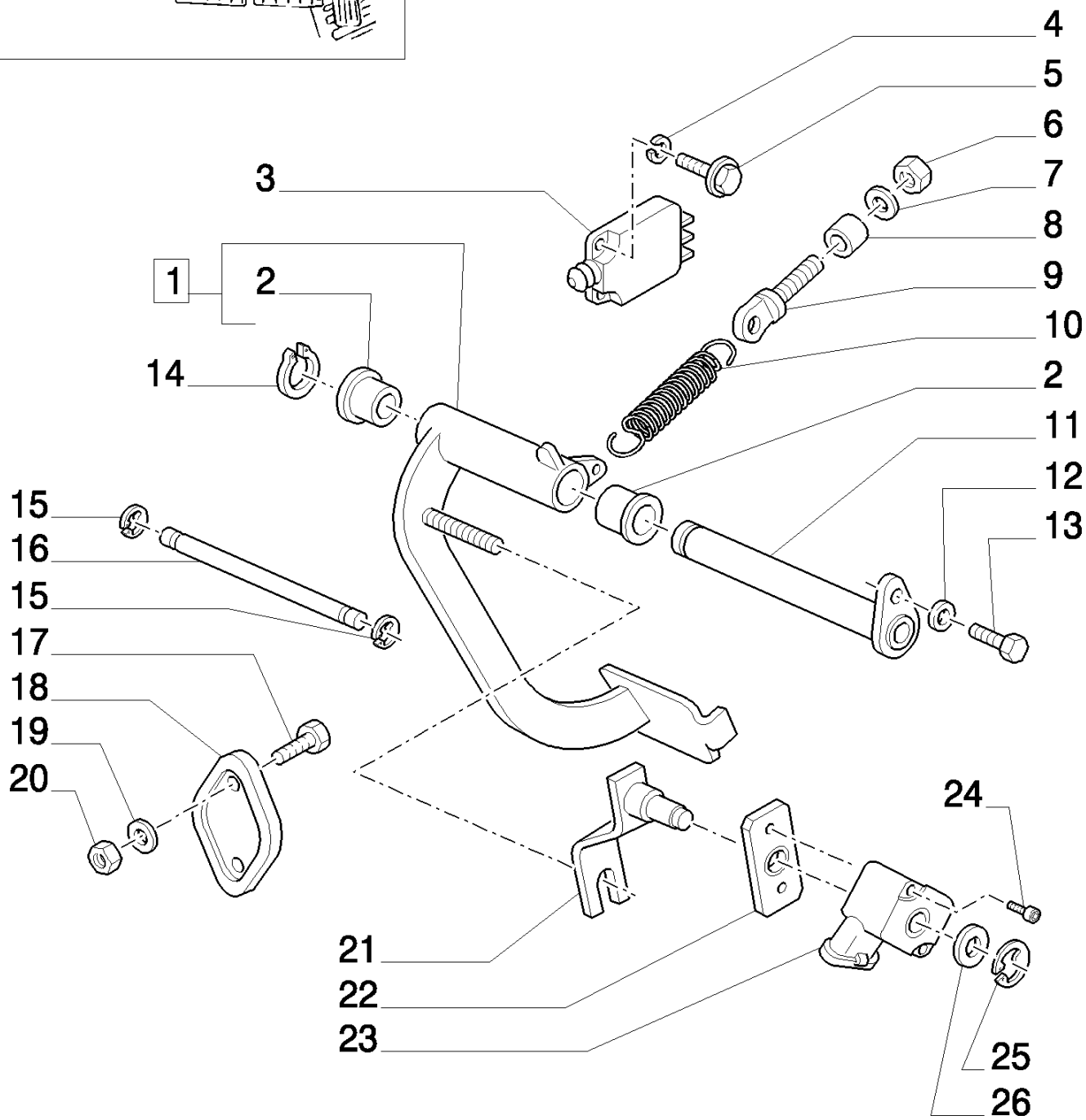
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.95.1 HANDBRAKE CONTROL

Ref	Part Number	Qty	Description
1	81866095	1	BOOT,
2	81866091	1	SPRING,
3	81870377	1	BUTTON,
4	81866090	1	HANDLE GRIP,
5	82006245	1	LEVER, Incl. Ref. 2,3,4,8
6	11106221	2	BOLT, Hex, M10 x 25, 8.8, Full Thd,
7	14496621	2	WASHER, M10 x 21 x 2,
8	81866092	1	WASHER,
9	87531704	1	CABLE, TM120, TM130, TM140, TM155
9	87531705	1	CABLE, TM175, TM190
10	82000974	1	NUT,
11	82000975	1	YOKE,
12	16100811	1	NUT, M8, Cl 8,
13	280250	1	PIN, SPLIT (COTTER), 3/32" x 3/4",
14	76031S36	1	PIN, 3/8"X1-5/16"
15	10033411	1	PIN,
16	82007631	1	SCREW, M5X12
17	11087376	1	CIRCLIP, M13,
18	82879352	2	WASHER,
19	15540424	2	BOLT, Hex, M12 x 1.25 x 30, 8.8, Full Thd,
20	82019554	1	BRACKET, TM120, TM130, TM140, TM155
20	82031225	1	BRACKET, TM175, TM190
21	10766901	1	PIN, SPLIT (COTTER), M3.2 x 25,
22	82016114	1	DECAL, Parking Brake
23	82005257	1	SWITCH, 3 wires, W/Mec. trans. 20x16
23	87364942	1	SWITCH, Handbrake Warning
24	82007240	2	SCREW,

1.95.2 CLUTCH PEDAL



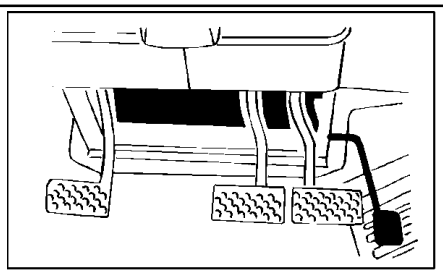


TM190 TRACTOR (6/02-) - Operator's Platform / Cab

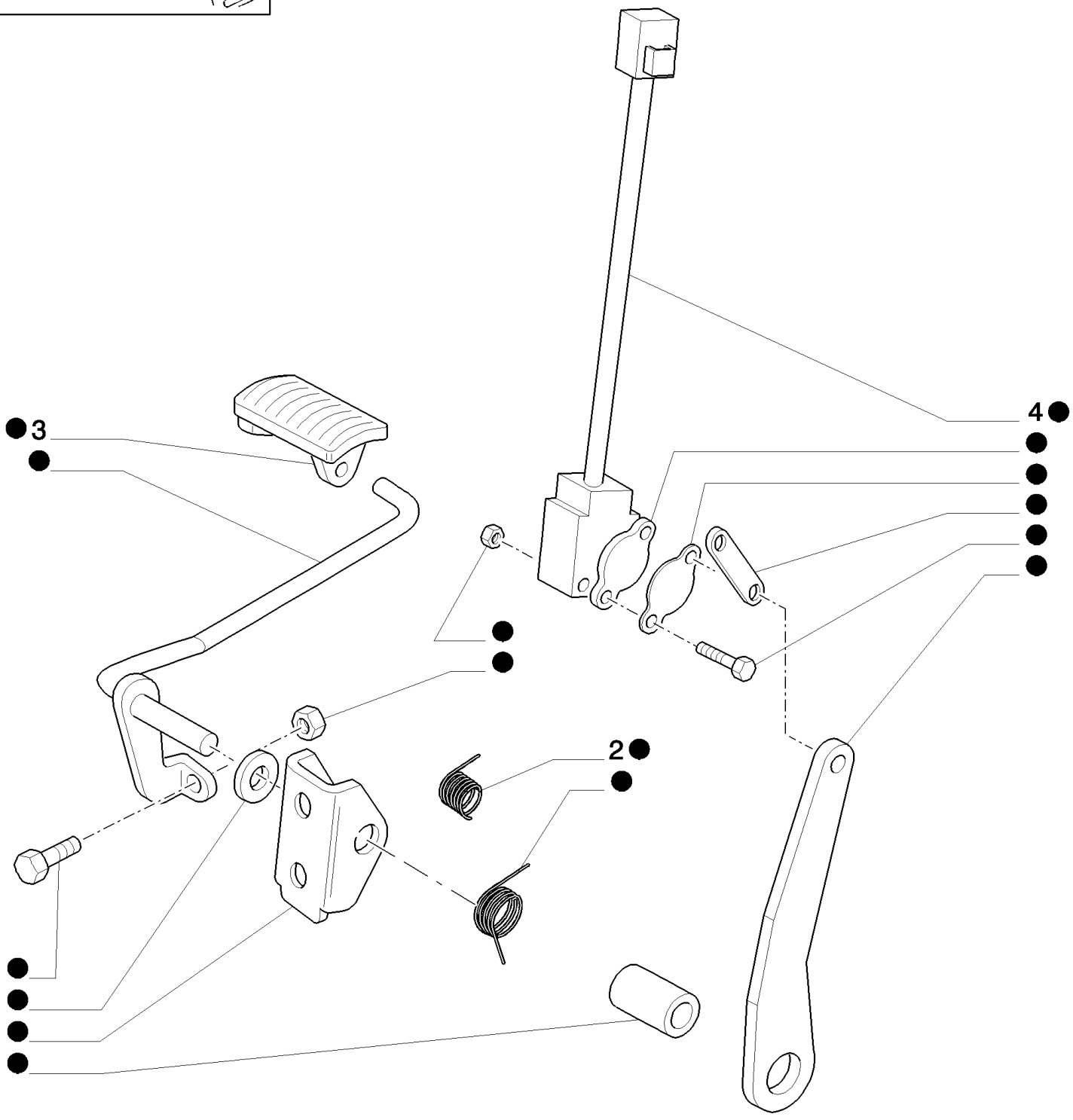
1.95.2 CLUTCH PEDAL

Ref	Part Number	Qty	Description
1	82000797	1	PEDAL, ASSY
2	5155548	2	BUSHING,
3	82026949	1	SWITCH, Brake
4	14496204	2	WASHER, LOCK,
5	82880745	2	SCREW, Pan Hd, W/Washer, M4X12
6	12164721	1	NUT, M10 x 1.25, Cl 10,
7	10516874	1	WASHER, LOCK,
8	5120607	1	SPACER,
9	5121612	1	HOOK,
10	82008879	1	SPRING,
11	82030041	1	PIN,
12	85700573	1	WASHER, LOCK, Ext Tooth, M6,
13	10902024	1	BOLT, Hex, M6 x 12, 8.8, Full Thd,
14	V36698	1	RING, SNAP,
15	11087976	2	CIRCLIP, M8,
16	82000806	1	PIN,
17	16043424	2	SCREW, Hex, M8 x 20, 8.8, Full Thd,
18	82000826	1	RETAINER,
19	10516674	2	WASHER, LOCK,
20	16100811	2	NUT, M8, Cl 8,
21	82014694	1	LEVER,
22	82015543	1	PLATE, COVER,
23	87543715	1	POTENTIOMETER, Rotary Position Sensor
24	15211521	2	BOLT, Hex, M5 x 32, 8.8, Full Thd,
25	11087871	1	CIRCLIP, M7,
26	10519604	1	WASHER, M8 x 17 x 2,

1.95.4/01(01) ACCELERATOR PEDAL



KIT = 1

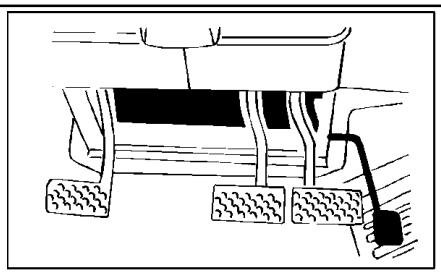


TM190 TRACTOR (6/02-) - Operator's Platform / Cab

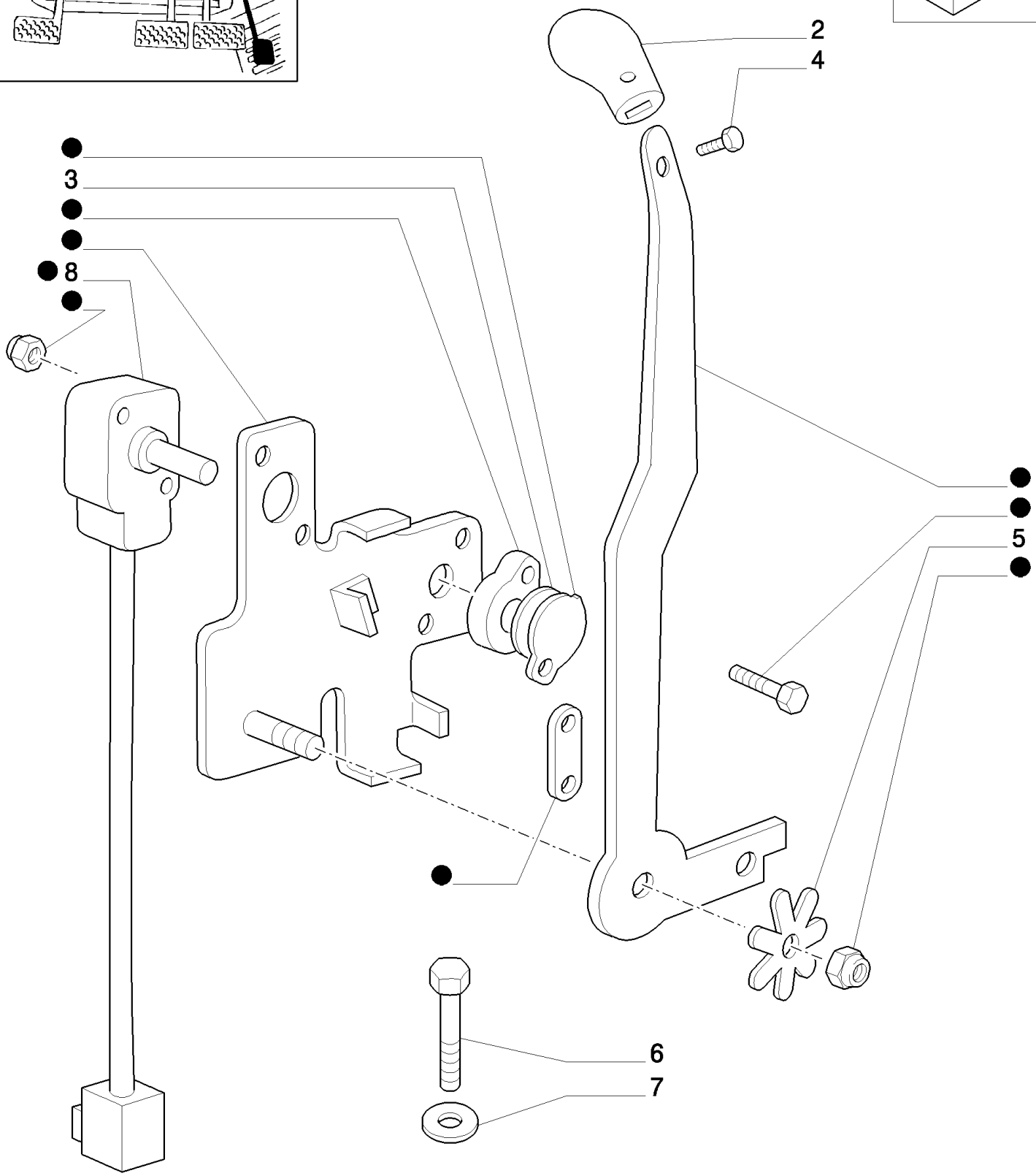
1.95.4/01(01) ACCELERATOR PEDAL

Ref	Part Number	Qty	Description
1	82035616	1	THROTTLE CONTROL,
2	5148906	1	SPRING,
3	5148933	1	PAD,
4	87306920	1	HARNESS, WIRE,

1.95.4/01(02) ACCELERATOR HAND CONTROL LINKAGE



KIT ● = 1



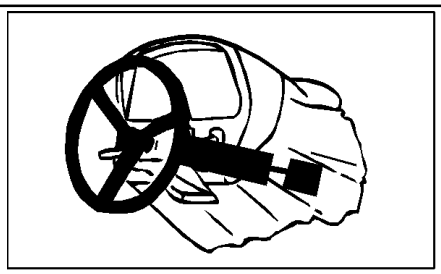
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

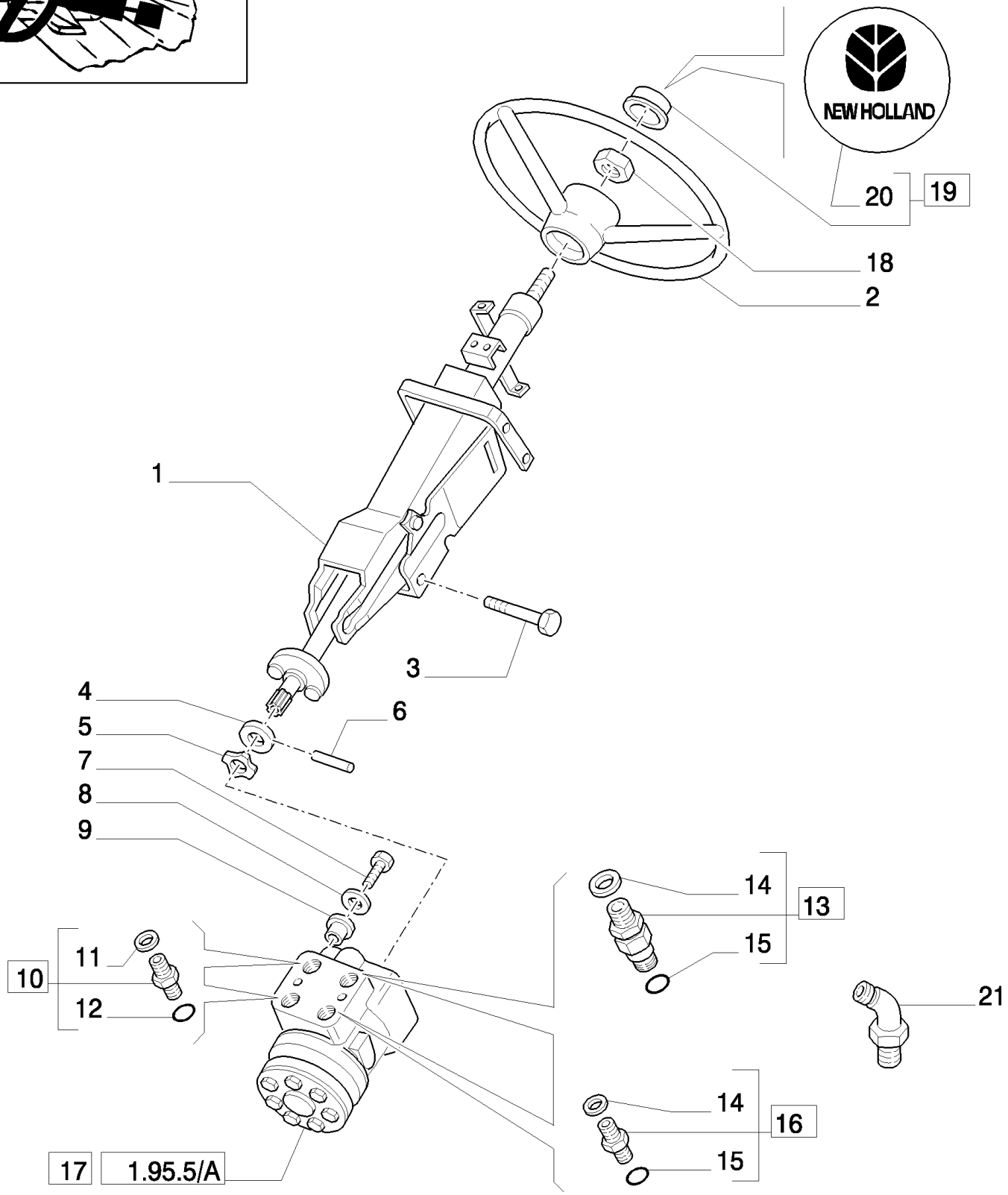
1.95.4/01(02) ACCELERATOR HAND CONTROL LINKAGE

Ref	Part Number	Qty	Description
1	82029075	1	THROTTLE CONTROL, , -C4880
1	82038433	1	THROTTLE CONTROL, , D4880-
2	9841607	1	KNOB, , -C4880
2	82034589	1	KNOB, , D4880-
3	83924272	1	DISC,
4	13308714	1	SCREW, Cross Oval Hd, M4 x 8, , -C4880
4	13308714	1	SCREW, Cross Oval Hd, M4 x 8, , D4880-
5	87347331	1	WASHER, LOCK,
6	120104	2	BOLT, Hex, M8 x 20, 8.8, , D4880-
7	80681	2	WASHER, LOCK, 5/16", , D4880-
8	87306921	1	HARNESS, WIRE, , -C4880

D4880 After Date 22 July 2004

1.95.5(01) HYDROSTATIC STEERING WHEEL AND STEERING COLUMN



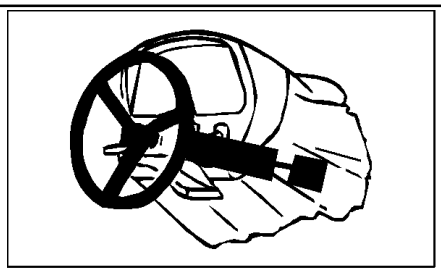


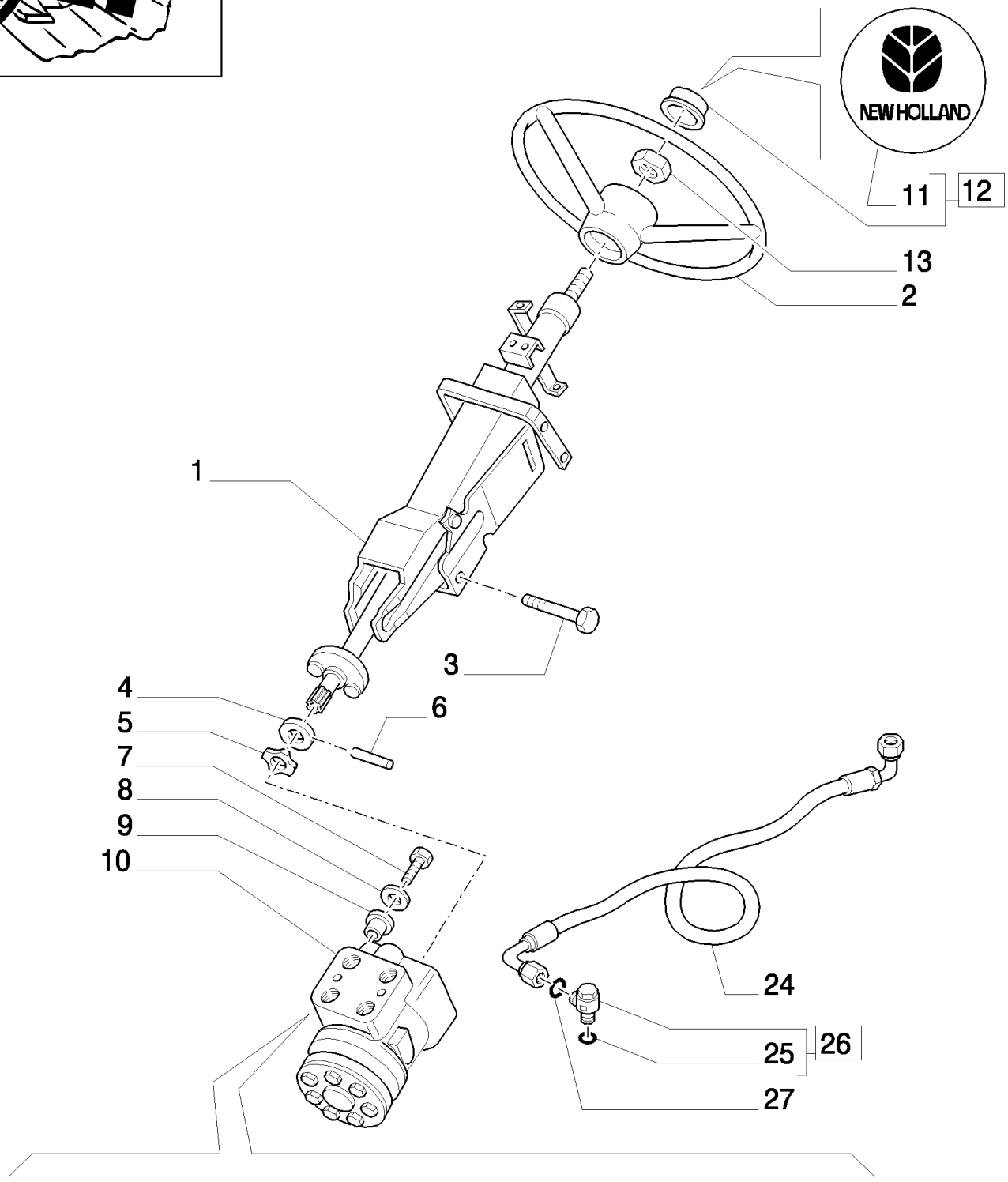
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.95.5(01) HYDROSTATIC STEERING WHEEL AND STEERING COLUMN

Ref	Part Number	Qty	Description
1	87308090	1	STEERING COLUMN,
2	82016844	1	STEERING WHEEL,
3	82008760	4	SCREW,
4	81862874	1	COLLAR,
5	81873344	1	SUPPORT,
6	81862880	1	PIN,
7	11106624	4	BOLT, Hex, M10 x 35, 8.8, Full Thd,
8	83904166	4	WASHER, M10
9	82009429	4	BUSHING,
10	82016498	2	CONNECTOR, HYD., M22X1,5/1-14UN-2A
11	82016732	1	SEAL, 19,6X24,3X1,5
12	9992069	1	O-RING, -016, 90 Duro, .614" ID x .070" Thk,
13	82016471	1	VALVE, PRESSURE RELIEF, M18X1,5-11/16-16UN-2A,2WD
14	83999938	2	SEAL, 15.7 x 20.9 x 1.5
15	9993141	2	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
16	82016499	AR	CONNECTOR, HYD., M18X1,5-11/16UN-2A, 2WD q.ty = 1; 4WD q.ty = 2
17	82001250	1	STEERING HYDRAULIC, 2WD, TM120, TM130, TM140, TM155
17	82016413	1	STEERING HYDRAULIC, 2WD, TM175, TM190
17	82001471	1	STEERING HYDRAULIC, 4WD, TM120, TM130, TM140, TM155
17	47126025	1	STEERING HYDRAULIC, 4WD, TM175, TM190
18	83908148	1	NUT, 5/8"-18, Thin,
19	82002602	1	CAP,
20	5167540	1	EMBLEM,
21	82035268	1	CONNECTOR, HYD.,

1.95.5(02) HYDROSTATIC STEERING WHEEL AND STEERING COLUMN W/SUPERSTEER FRONT AXLE

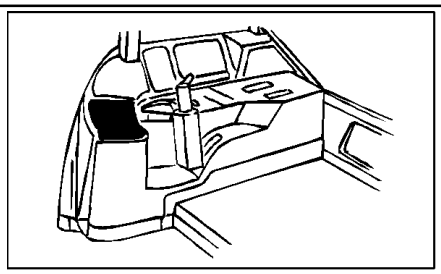


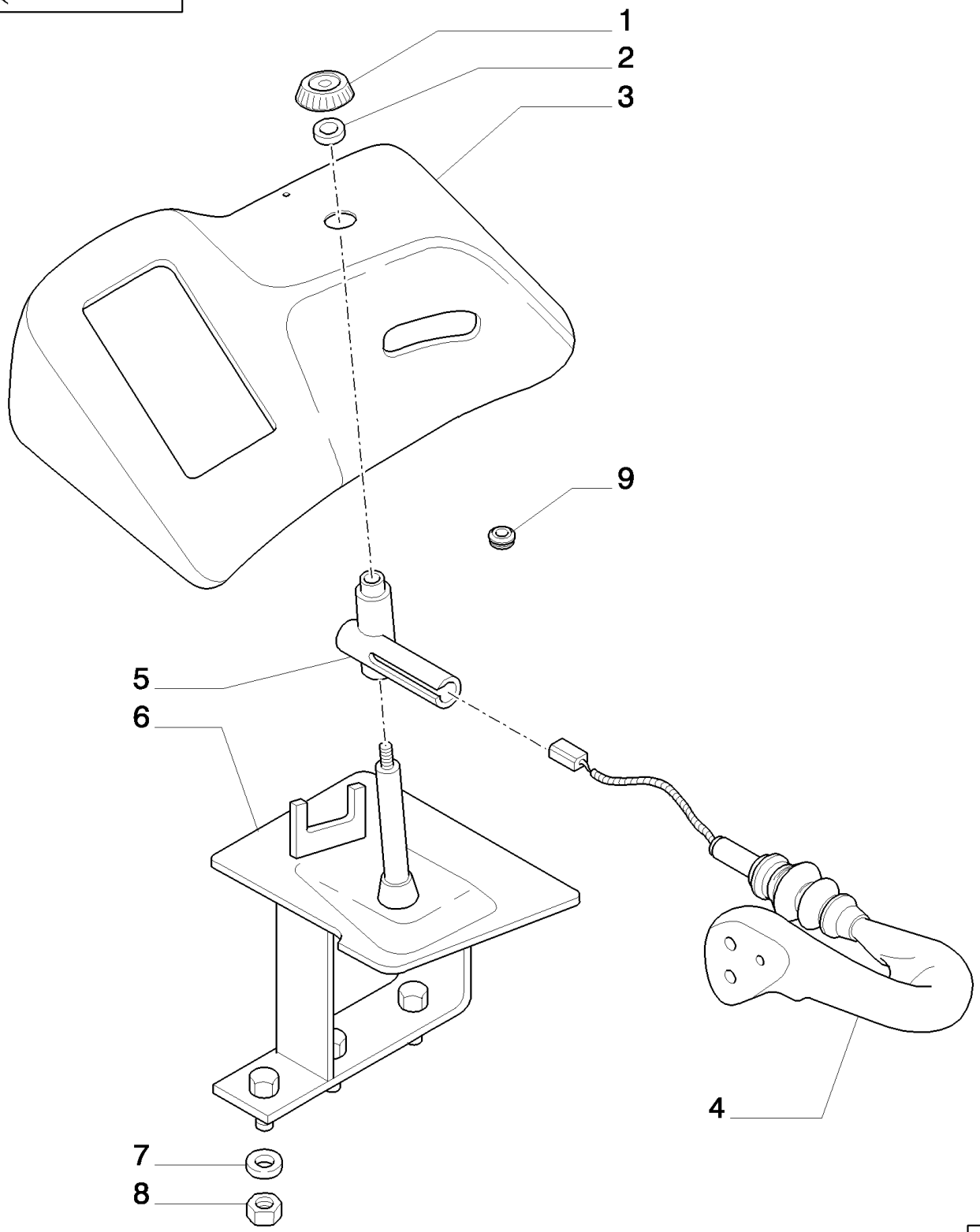


1.95.5(02) HYDROSTATIC STEERING WHEEL AND STEERING COLUMN W/SUPERSTEER FRONT AXLE

Ref	Part Number	Qty	Description
1	87308090	1	STEERING COLUMN,
2	82016844	1	STEERING WHEEL,
3	82008760	4	SCREW,
4	81862874	1	COLLAR,
5	81873344	1	SUPPORT,
6	81862880	1	PIN,
7	11106624	4	BOLT, Hex, M10 x 35, 8.8, Full Thd,
8	83904166	4	WASHER, M10
9	82009429	4	BUSHING,
10	82016413	1	STEERING HYDRAULIC,
10	47135668	1	STEERING HYDRAULIC, VAR.416, For TM175 4WD and TM190 4WD only, ASN ACM254118
11	5167540	1	EMBLEM,
12	82002602	1	CAP,
13	83908148	1	NUT, 5/8"-18, Thin,
14	82016498	1	CONNECTOR, HYD., M22X1,5/1-14UN-2A
15	82016732	1	SEAL, 19,6X24,3X1,5
16	9992069	3	O-RING, -016, 90 Duro, .614" ID x .070" Thk,
17	82016499	3	CONNECTOR, HYD., M18X1,5-11/16UN-2A
18	83999938	5	SEAL, 15.7 x 20.9 x 1.5
19	9993141	3	O-RING, -012, 90 Duro, .364" ID x .070" Thk,
20	82016839	1	CONNECTOR, HYD., 9/16"-18 /M10 x 1
21	82016610	1	SEAL, 8,4X11,9X1
22	9825770	1	O-RING, -011, 90 Duro, .301" ID x .070" Thk,
23	82016760	2	CONNECTOR, HYD., M18X1,5/1-14
24	82033352	1	HOSE, FLEXIBLE, M12x1,5,9/16-18 1780MMLoad Sensing
25	82016851	1	GASKET,
26	82016838	1	CONNECTOR, HYD., M10x1,M12x1,5
27	82016850	1	O-RING,

1.96.0 GEARBOX CONTROL



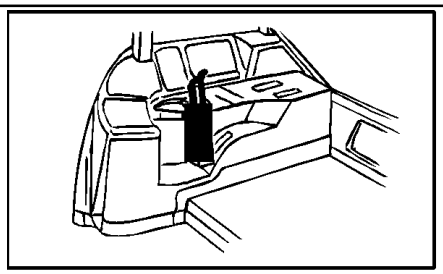


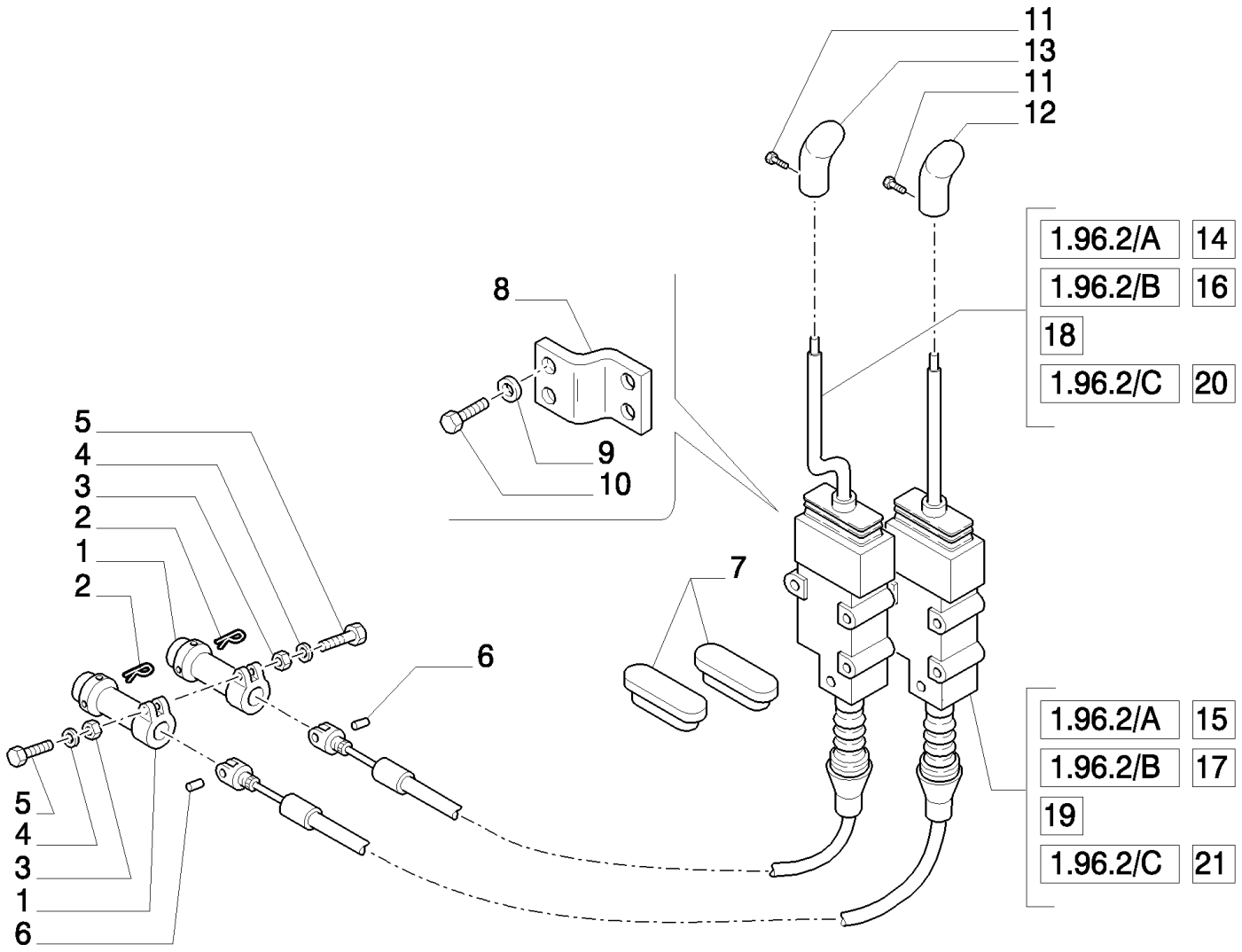
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.96.0 GEARBOX CONTROL

Ref	Part Number	Qty	Description
1	82016257	1	KNOB,
2	14496504	1	WASHER, M8 x 17 x 1.6,
3	82014823	1	COVER,
4	82026406	1	CONTROL, TM120, TM130, TM140, TM155, For semi power shift transmission
4	82026404	1	CONTROL, TM175, TM190
4	82026405	1	CONTROL, TM120, TM130, TM140, TM155, W/full power shift trans.18X6 (40 Kph-4WD) and 17X6 (30 Kph) Equip.281
4	82026404	1	CONTROL, TM175, TM190, W/5 Electronic Remotes Valve, Equip.252
5	87304944	1	PIN,
6	82014799	1	SUPPORT,
7	10569374	5	WASHER, LOCK, M8
8	16100811	5	NUT, M8, Cl 8,
9	81862738	1	PLUG,

1.96.2(02) CONTROL VALVES





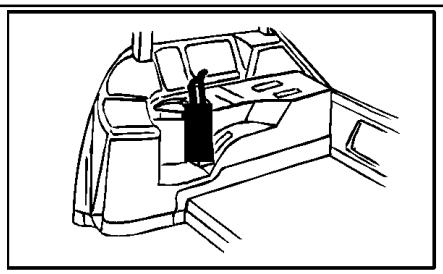
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

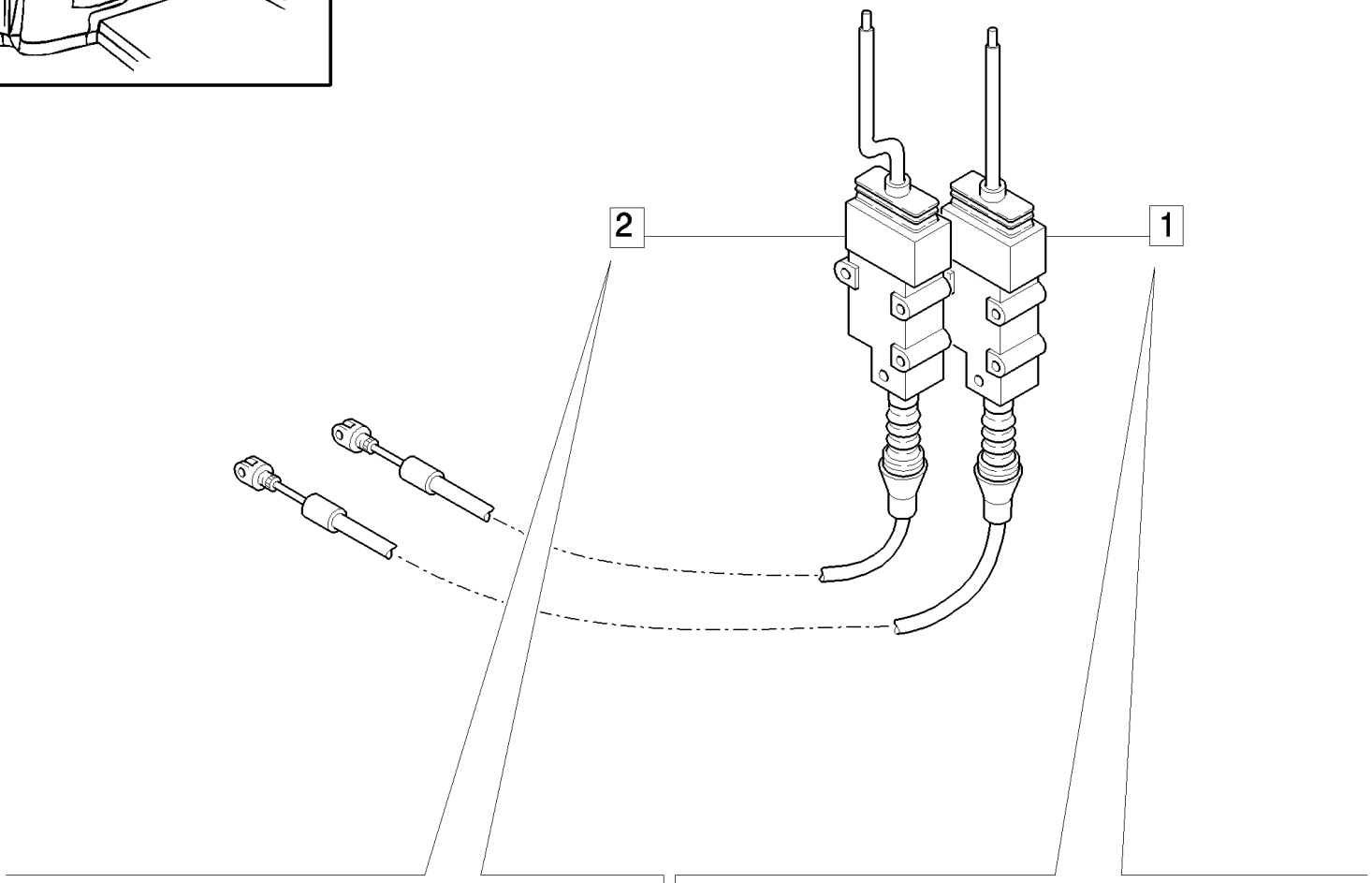
1.96.2(02) CONTROL VALVES

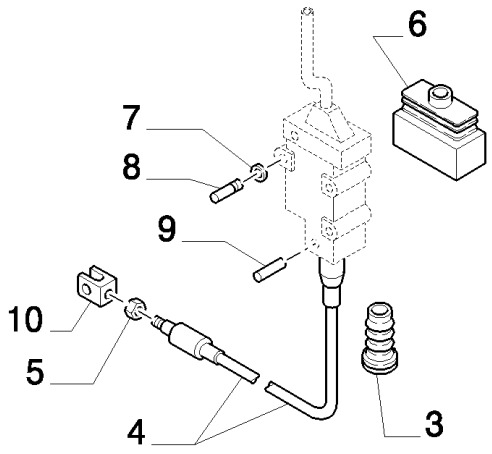
Ref	Part Number	Qty	Description
1	87356033	4	SLEEVE,
2	82026318	8	PIN, SPLIT (COTTER), Spring Retainer, 1/8" x 2-5/16"
3	15896221	4	NUT, M6, Cl 10,
3	15896224	2	NUT,
4	85700573	4	WASHER, LOCK, Ext Tooth, M6,
5	120101	4	BOLT, Hex, M6 x 30, 8.8, Full Thd,
5	10903034	2	SCREW,
6	82001332	4	PIN,
7	82006646	2	PLUG,
8	82006519	2	PLATE,
9	252687	4	WASHER, .344" x 1" x .098", HDN,
10	16044331	8	BOLT, Hex, M8 x 55, 10.9,
11	13309117	4	SCREW, Cross Oval Hd, M4 x 14,
12	81865933	1	KNOB, Blue
12	86504534	1	KNOB, Black
13	81865932	1	KNOB, Green
13	9823686	1	KNOB, Brown
14	82030045	1	FLEXIBLE CONTROL, , C5167-
15	82030044	1	FLEXIBLE CONTROL, , C5167-
16	82035846	1	FLEXIBLE CONTROL, , D5167-ACM243986
17	82035845	1	FLEXIBLE CONTROL, , D5167-ACM243986
18	87309770	1	CONTROL, , BTW ACM243987 & ACM257211
19	87309769	1	CONTROL, , BTW ACM243987 & ACM257211
20	87335760	1	FLEXIBLE CONTROL, , ASN ACM257212
21	87335759	1	CONTROL, , ASN ACM257212

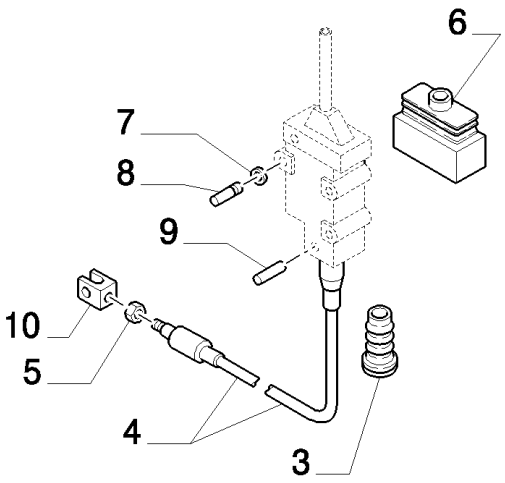
D5167 After Date 04 March 2003 D5168 Serial N.ACM243987 D5169 Serial N.ACM257212

1.96.2/ A CONTROL VALVES - BREAKDOWN





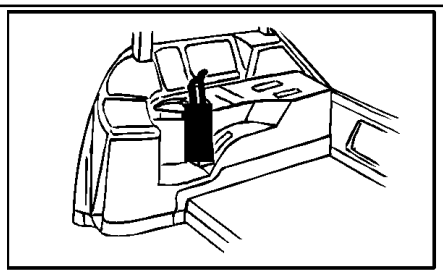


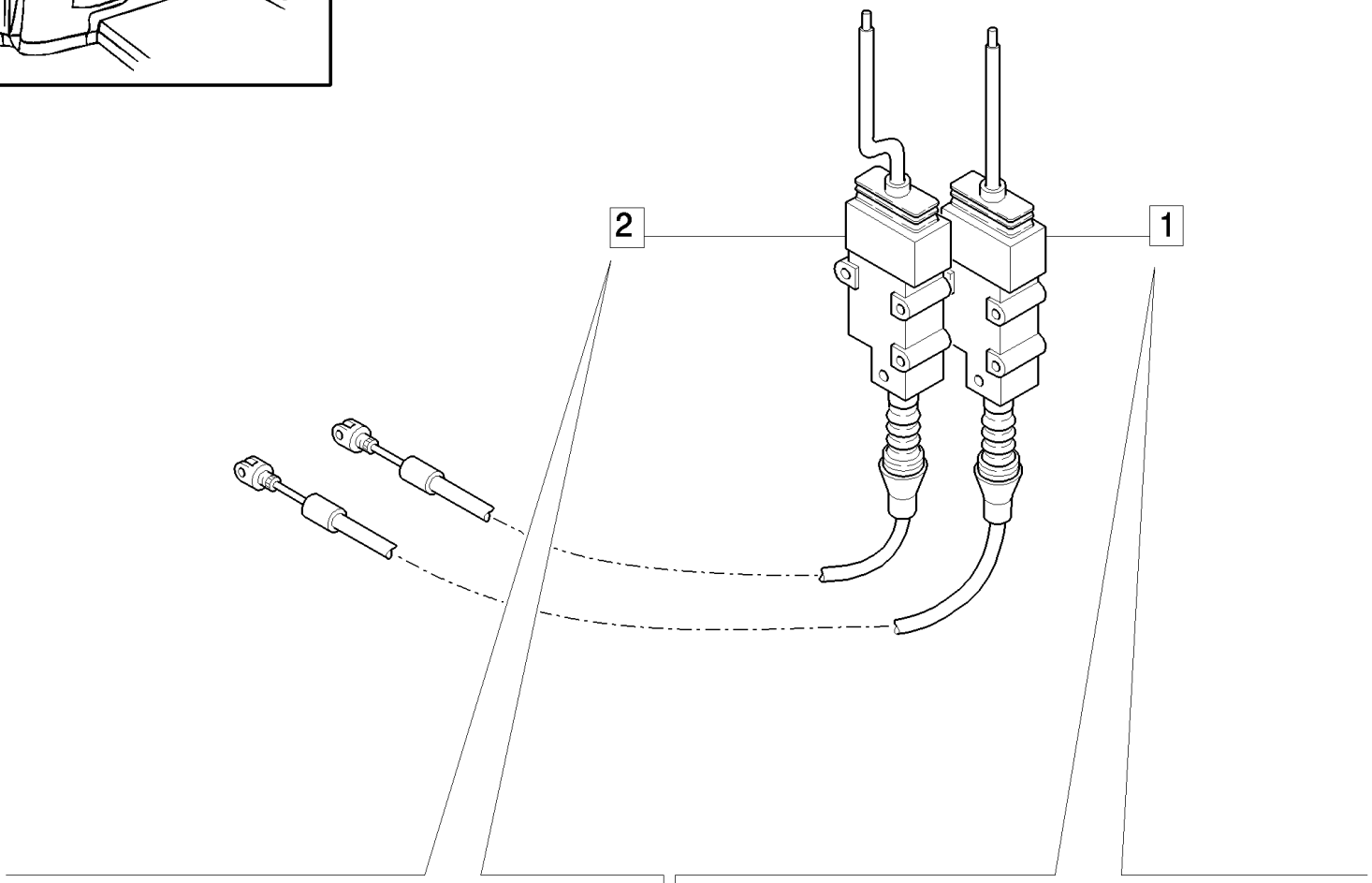


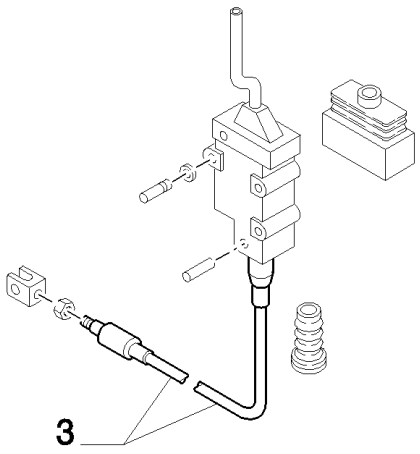
1.96.2/ A CONTROL VALVES - BREAKDOWN

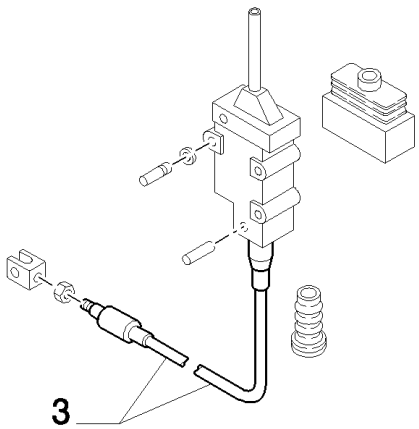
Ref	Part Number	Qty	Description
1	82030044	1	FLEXIBLE CONTROL,
2	82030045	1	FLEXIBLE CONTROL,
3	82006917	2	BOOT,
4	82030042	2	CABLE,
5	83999895	2	NUT, LOCK,
6	83999894	2	BOOT,
7	83999888	2	CLIP,
8	83999891	2	PIN,
9	83999889	2	PIN,
10	82019690	2	CLEVIS,

1.96.2/ B CONTROL VALVES - BREAKDOWN





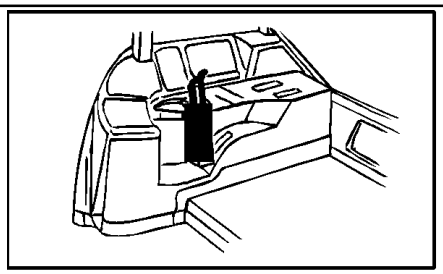


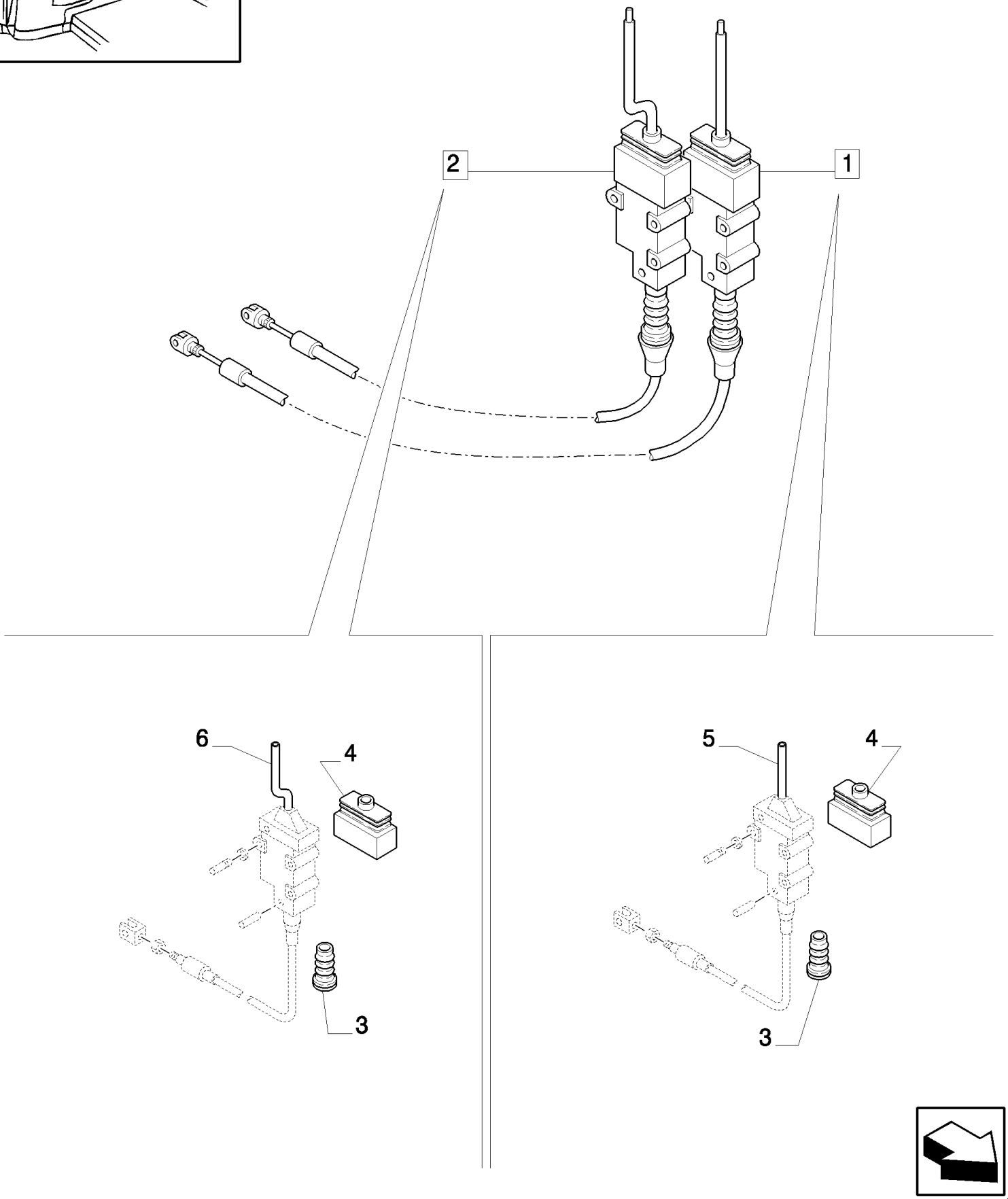


1.96.2/ B CONTROL VALVES - BREAKDOWN

Ref	Part Number	Qty	Description
1	82035845	1	FLEXIBLE CONTROL,
2	82035846	1	FLEXIBLE CONTROL,
3	82030042	2	CABLE,

1.96.2/ C CONTROL VALVES - BREAKDOWN

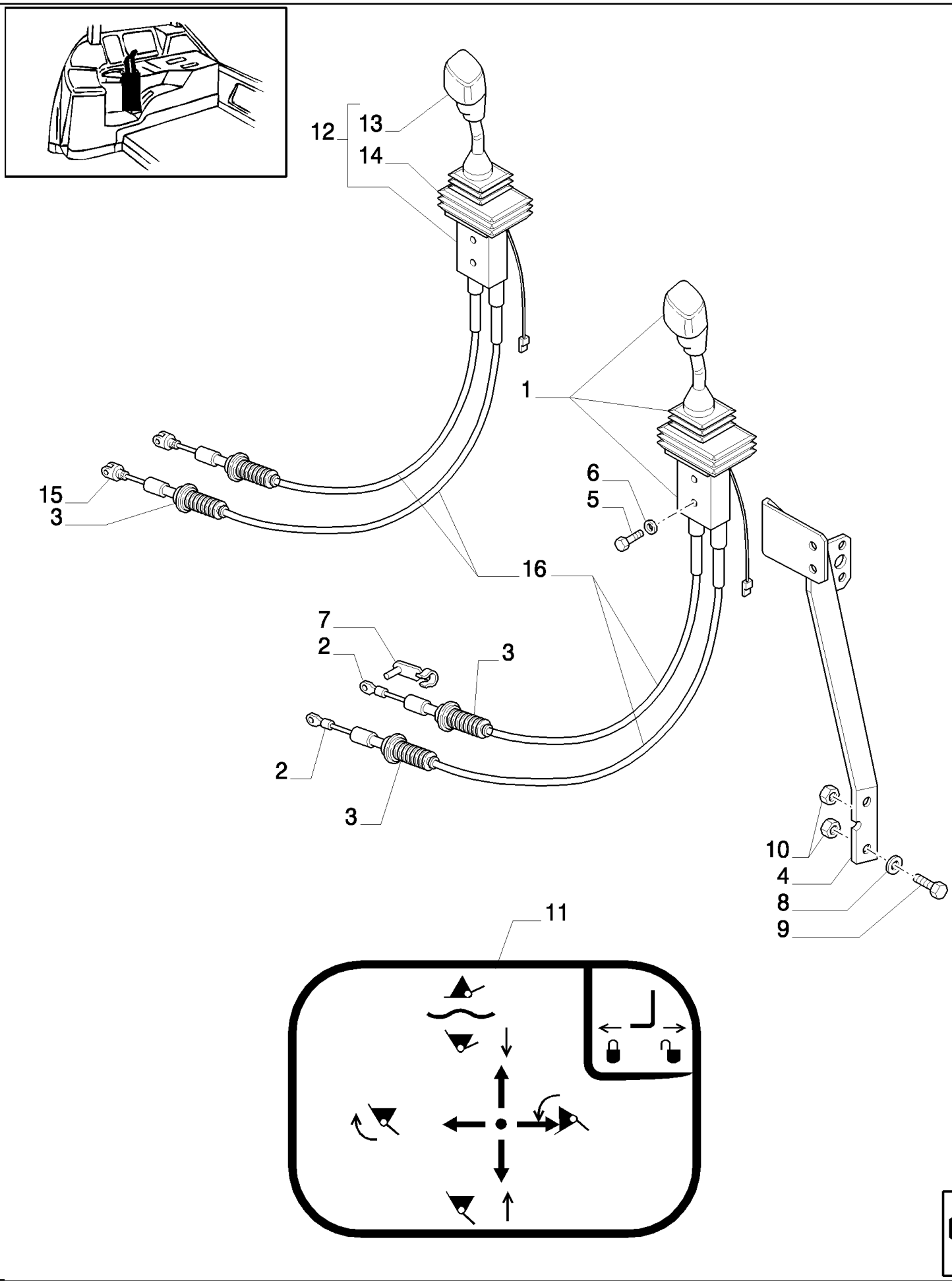




1.96.2/ C CONTROL VALVES - BREAKDOWN

Ref	Part Number	Qty	Description
1	87335759	1	CONTROL,
2	87335760	1	FLEXIBLE CONTROL,
3	82006917	2	BOOT,
4	87335764	2	BELLOWS,
5	87335765	1	LEVER,
6	87335767	1	LEVER,

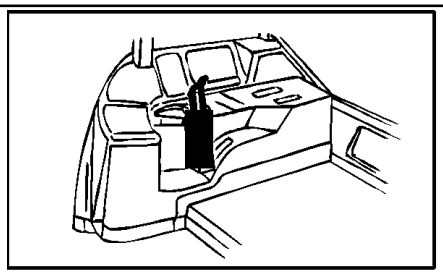
1.96.2/04 (VAR.440/2) VALVE CONTROL UNIT WITH JOYSTICK FOR LOADER W/CAB SUSP.

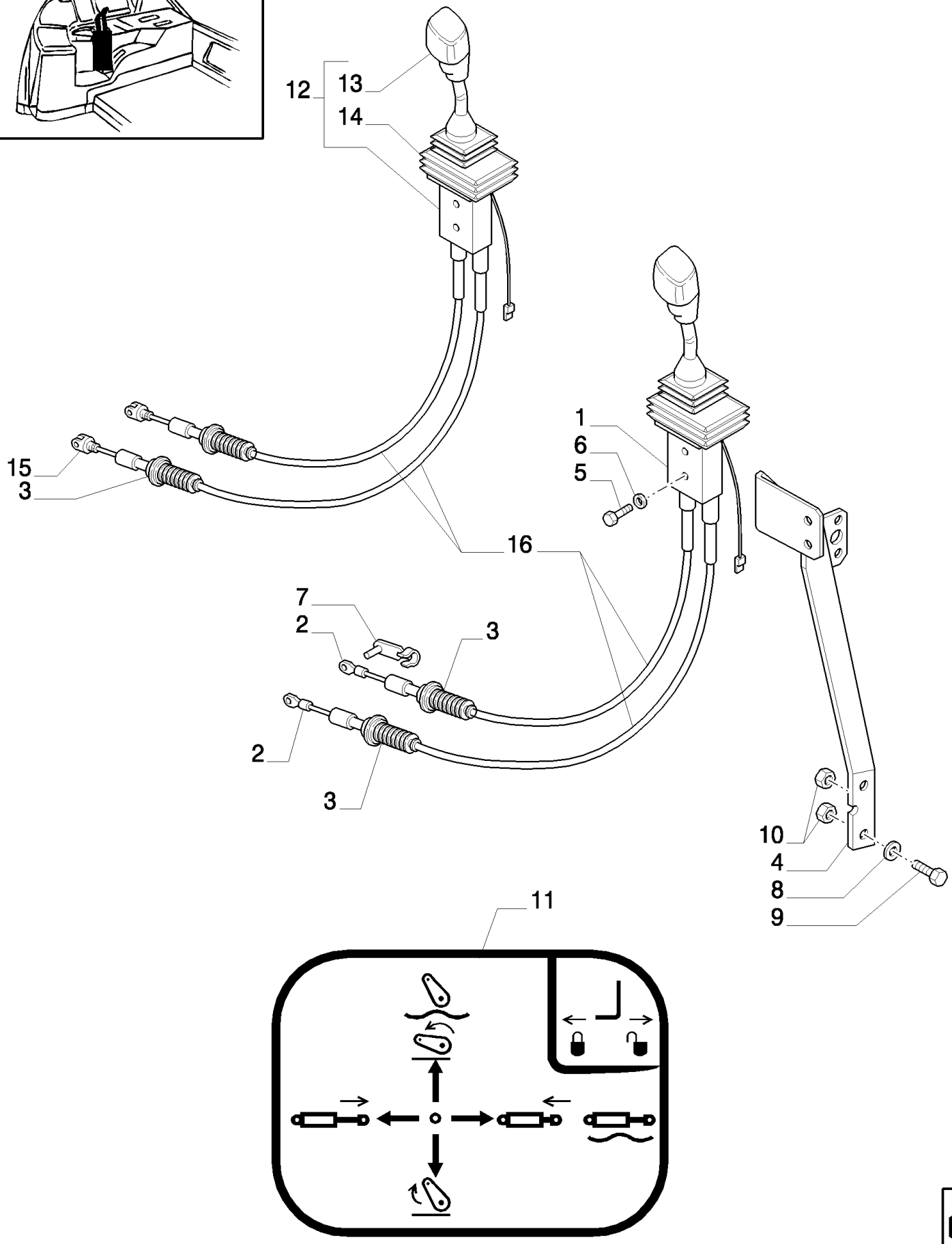


1.96.2/04 (VAR.440/2) VALVE CONTROL UNIT WITH JOYSTICK FOR LOADER W/CAB SUSP.

Ref	Part Number	Qty	Description
1	82022178	1	CONTROL, Incl. Ref. 2,3, BSN 200704
2	82019805	2	CLEVIS, , BSN 200704
3	82006917	2	BOOT,
4	82022498	1	BRACKET,
5	16044321	2	BOLT, Hex, M8 x 55, 8.8,
6	14496504	2	WASHER, M8 x 17 x 1.6,
7	82022510	2	CLIP, SPRING,
8	86511315	4	WASHER, M8 x 16 x 1.6,
9	81872099	4	SCREW, M8X1,25X15
10	16100811	2	NUT, M8, Cl 8,
11	82025300	1	DECAL, Joystick Control
12	82019806	1	CONTROL, Incl. Ref. 3,13,14,15, ASN 200705
13	82020869	1	KNOB, , ASN 200705
14	82020870	1	BELLOWS, , ASN 200705
15	82019675	2	CLEVIS, , ASN 200705
16	82033062	2	CABLE,

1.96.2/07 (VAR.714/1) CONTROL VALVES WITH JOYSTICK FOR FRONT LIFT WITH CAB AND SUSPENSIONS

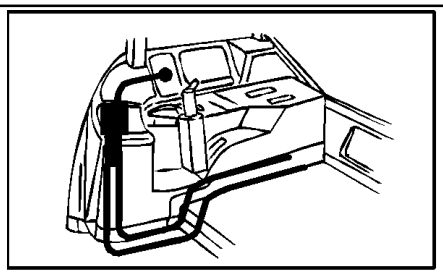


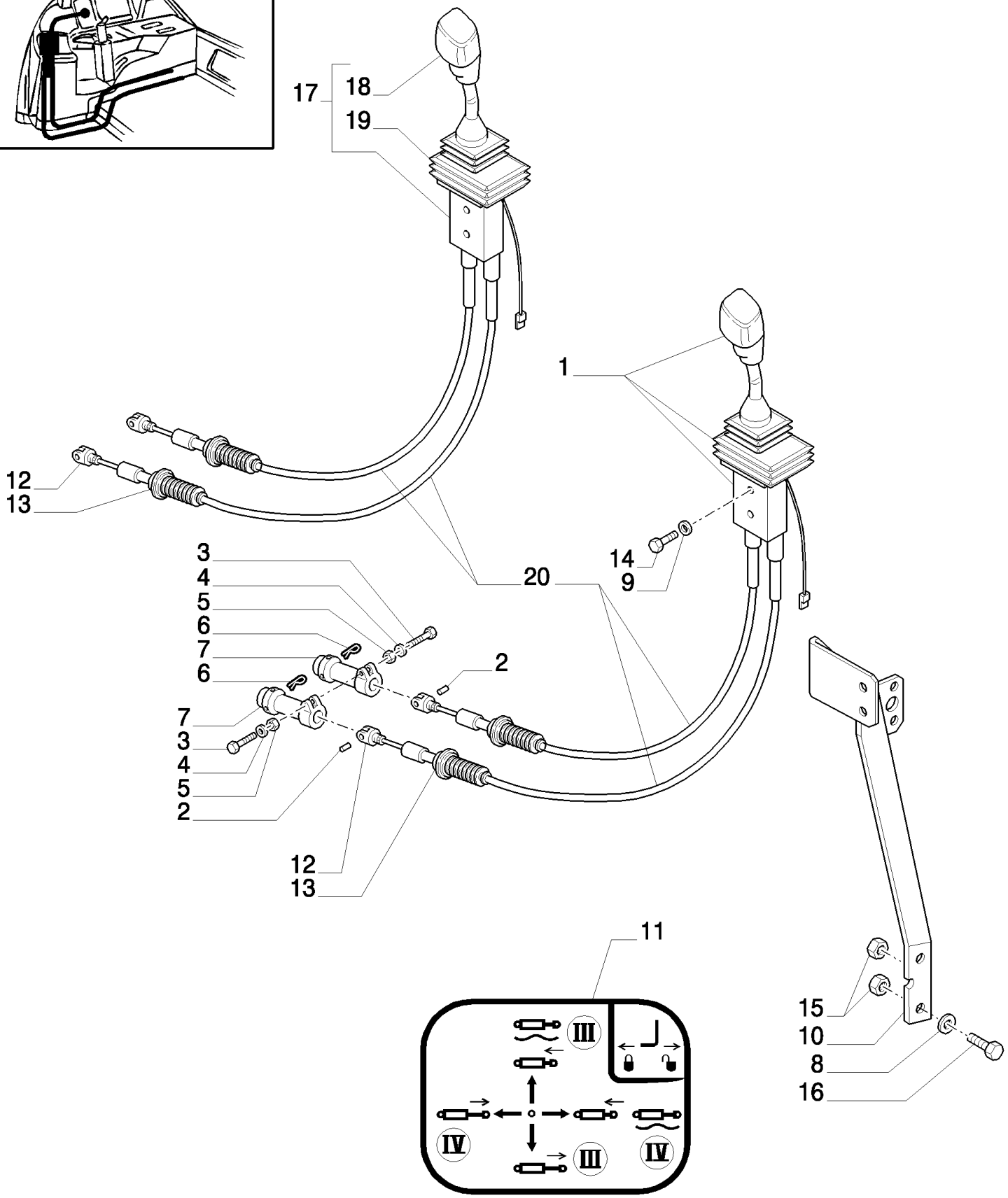


1.96.2/07 (VAR.714/1) CONTROL VALVES WITH JOYSTICK FOR FRONT LIFT WITH CAB AND SUSPENSIONS

Ref	Part Number	Qty	Description
1	82022178	1	CONTROL, Incl. Ref. 2,3, BSN 200704
2	82019805	2	CLEVIS, , BSN 200704
3	82006917	2	BOOT,
4	82022498	1	BRACKET,
5	16044321	4	BOLT, Hex, M8 x 55, 8.8,
6	14496504	2	WASHER, M8 x 17 x 1.6,
7	82022510	2	CLIP, SPRING,
8	86511315	4	WASHER, M8 x 16 x 1.6,
9	81872099	4	SCREW, M8X1,25X16
10	16100811	2	NUT, M8, Cl 8,
11	82020577	1	PLAQUE, DATA,
12	82019806	1	CONTROL, Incl. Ref. 3,13,14,15, ASN 200705
13	82020869	1	KNOB, , ASN 200705
14	82020870	1	BELLOWS, , ASN 200705
15	82019675	1	CLEVIS, , ASN 200705
16	82033062	2	CABLE,

1.96.2/08 (VAR.723) 4-CONTROL-VALVE BATTERY WITH JOYSTICK

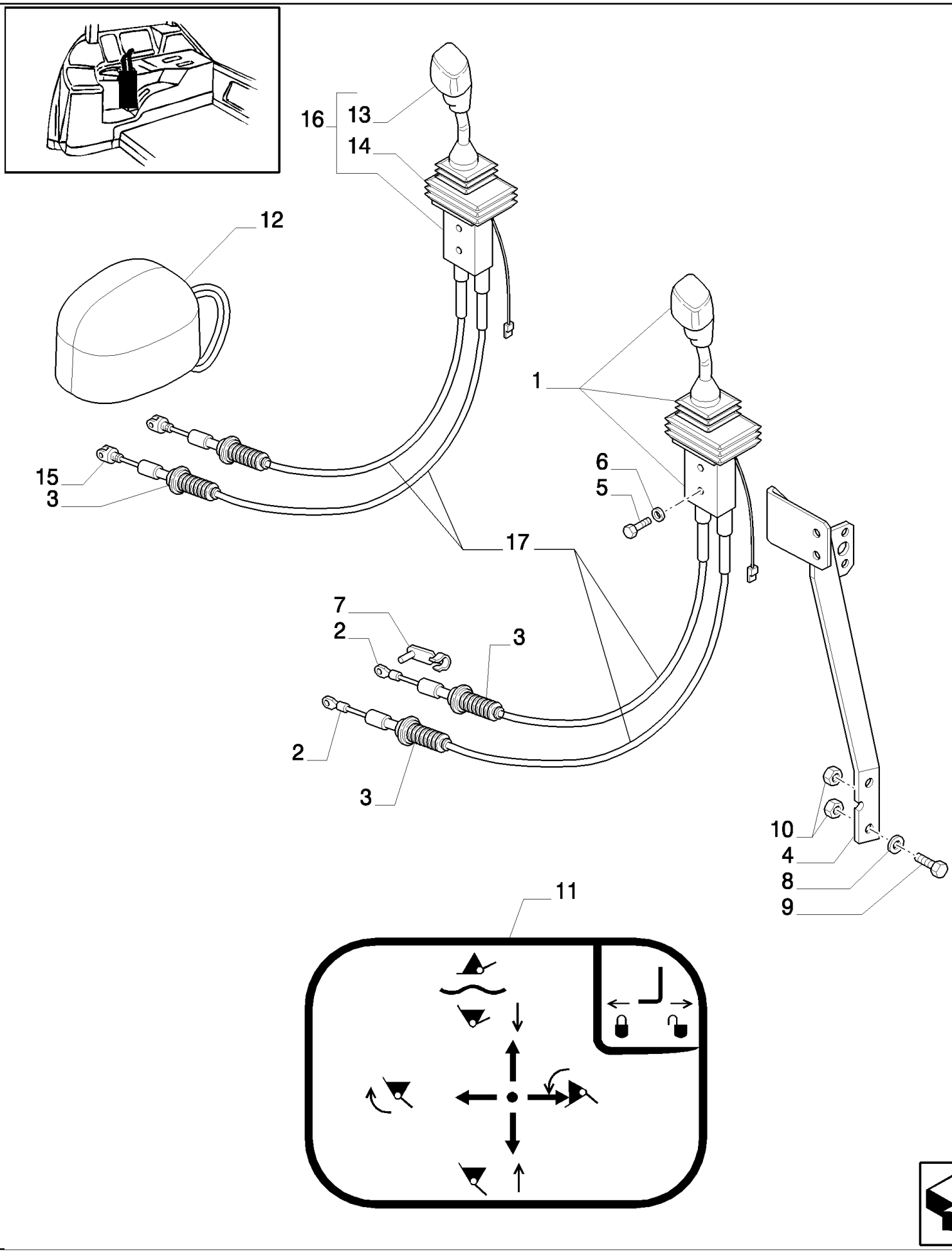




1.96.2/08 (VAR.723) 4-CONTROL-VALVE BATTERY WITH JOYSTICK

Ref	Part Number	Qty	Description
1	82022514	1	CONTROL, Incl. Ref. 12,13, BSN 200704
2	82001332	2	PIN,
3	120101	2	BOLT, Hex, M6 x 30, 8.8, Full Thd,
3	10903034	2	SCREW,
4	85700573	2	WASHER, LOCK, Ext Tooth, M6,
5	15896221	2	NUT, M6, Cl 10,
5	15896224	2	NUT,
6	82026318	2	PIN, SPLIT (COTTER), Spring Retainer, 1/8" x 2-5/16"
7	87356033	2	SLEEVE,
8	86511315	4	WASHER, M8 x 16 x 1.6,
9	14496504	2	WASHER, M8 x 17 x 1.6,
10	82022498	1	BRACKET,
11	82020574	1	DECAL,
12	82019675	2	CLEVIS,
13	82006917	2	BOOT,
14	16044321	2	BOLT, Hex, M8 x 55, 8.8,
15	16100811	2	NUT, M8, Cl 8,
16	81872099	4	SCREW, M8X1,25X16
17	82019722	1	JOYSTICK, Incl. Ref. 12,13,18,19, ASN 200705
18	82020869	1	KNOB, , ASN 200705
19	82020870	1	BELLOWS, , ASN 200705
20	82020872	AR	CABLE,

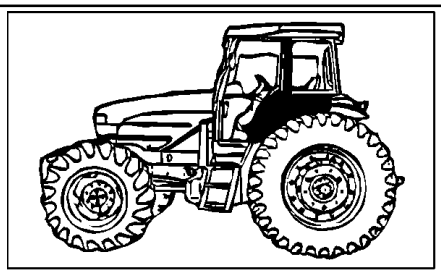
1.96.2/10 (VAR.245/1) 3 CONTROL VALVES WITH JOYSTICK WITH SPRUNG CAB

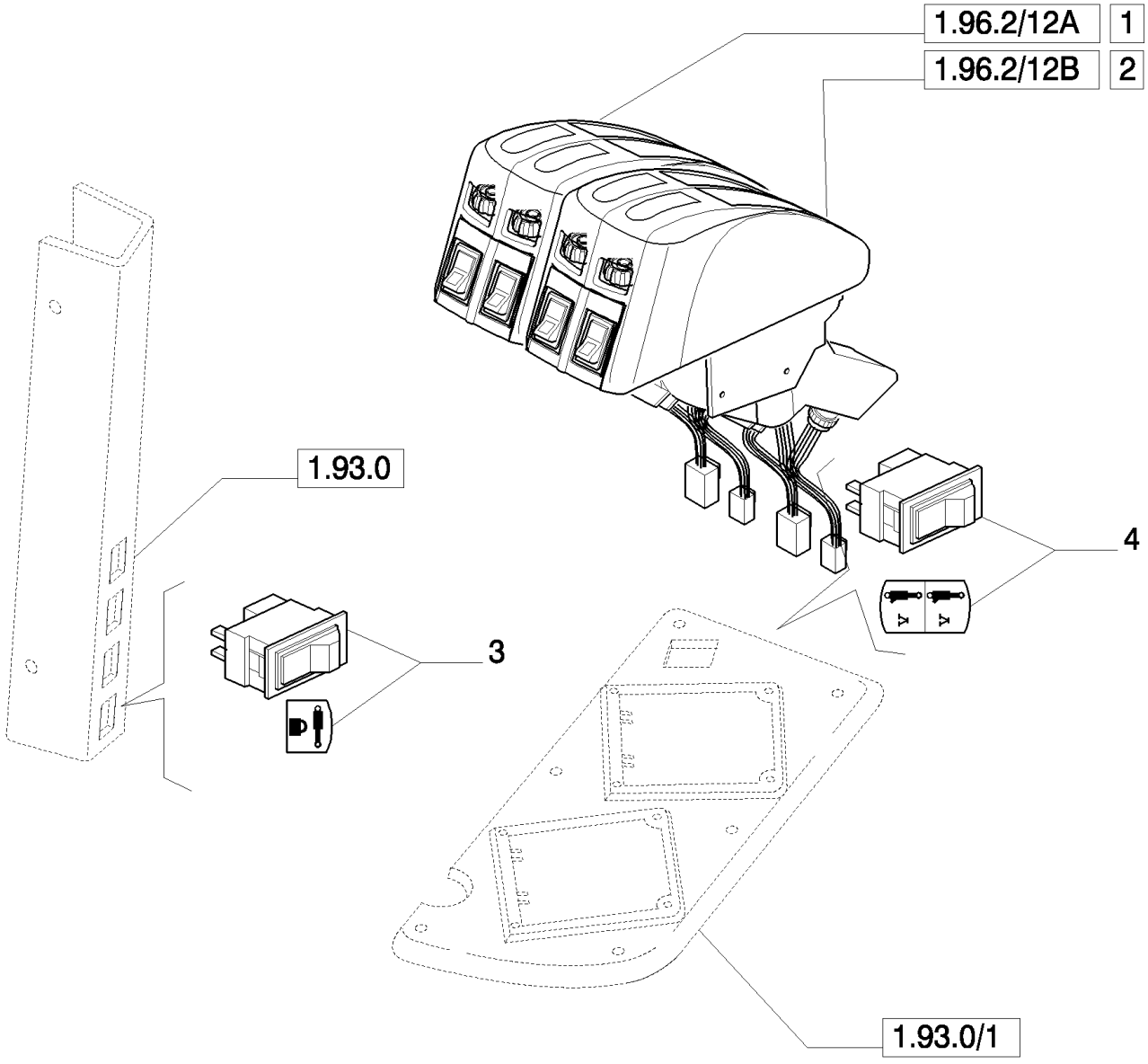


1.96.2/10 (VAR.245/1) 3 CONTROL VALVES WITH JOYSTICK WITH SPRUNG CAB

Ref	Part Number	Qty	Description
1	82022178	1	CONTROL, Incl. Ref. 2,3, BSN 200704
2	82019805	2	CLEVIS, , BSN 200704
3	82006917	2	BOOT,
4	82022498	1	BRACKET,
5	16044321	2	BOLT, Hex, M8 x 55, 8.8,
6	14496504	2	WASHER, M8 x 17 x 1.6,
7	82022510	2	CLIP, SPRING,
8	86511315	4	WASHER, M8 x 16 x 1.6,
9	81872099	4	SCREW, M8X1,25X16
10	16100811	2	NUT, M8, Cl 8,
11	82025300	1	DECAL, Joystick Control
12	82032501	1	KNOB,
13	82020869	1	KNOB, , ASN 200705
14	82020870	1	BELLOWS, , ASN 200705
15	82019675	1	CLEVIS, , ASN 200705
16	82019806	1	CONTROL, , ASN 200705
17	82033062	AR	CABLE,

1.96.2/12 (VAR.252-718) BATTERY WITH FOUR OR FIVE CONTROL VALVES WITH ELECTRONIC CONTROL - SWITCHES



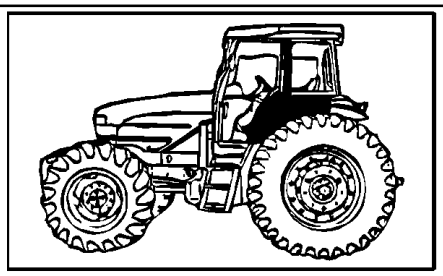


TM190 TRACTOR (6/02-) - Operator's Platform / Cab

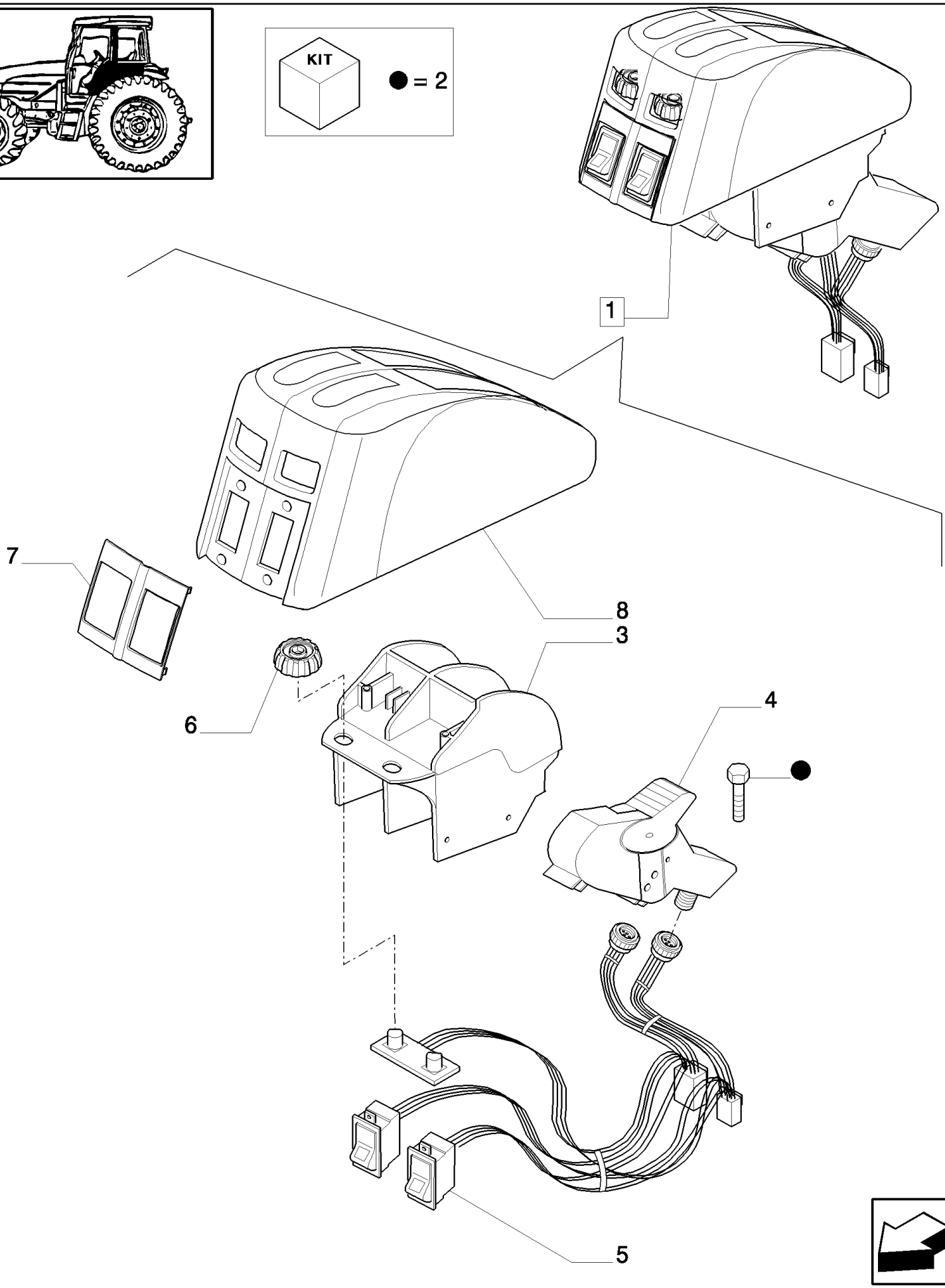
1.96.2/12 (VAR.252-718) BATTERY WITH FOUR OR FIVE CONTROL VALVES WITH ELECTRONIC CONTROL - SWITCHES

Ref	Part Number	Qty	Description
1	82024131	1	POTENTIOMETER, , 1 AND 2 REMOTE VALVE
2	82024132	1	POTENTIOMETER, , 3 AND 4 REMOTE VALVE
3	82030975	1	SWITCH, EHR Lock
4	82024599	1	SWITCH, No. 5 Remote, EQUIP.252, 5 REMOTE VALVE

1.96.2/12A (VAR.252-718) ELECTRONIC CONTROL VALVE 1 AND 2 - SWITCHES - PARTS



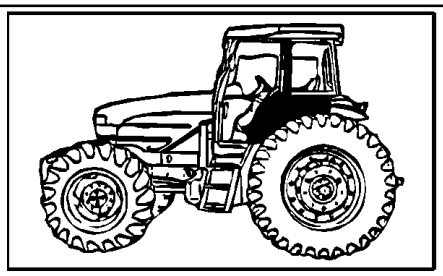
KIT ● = 2



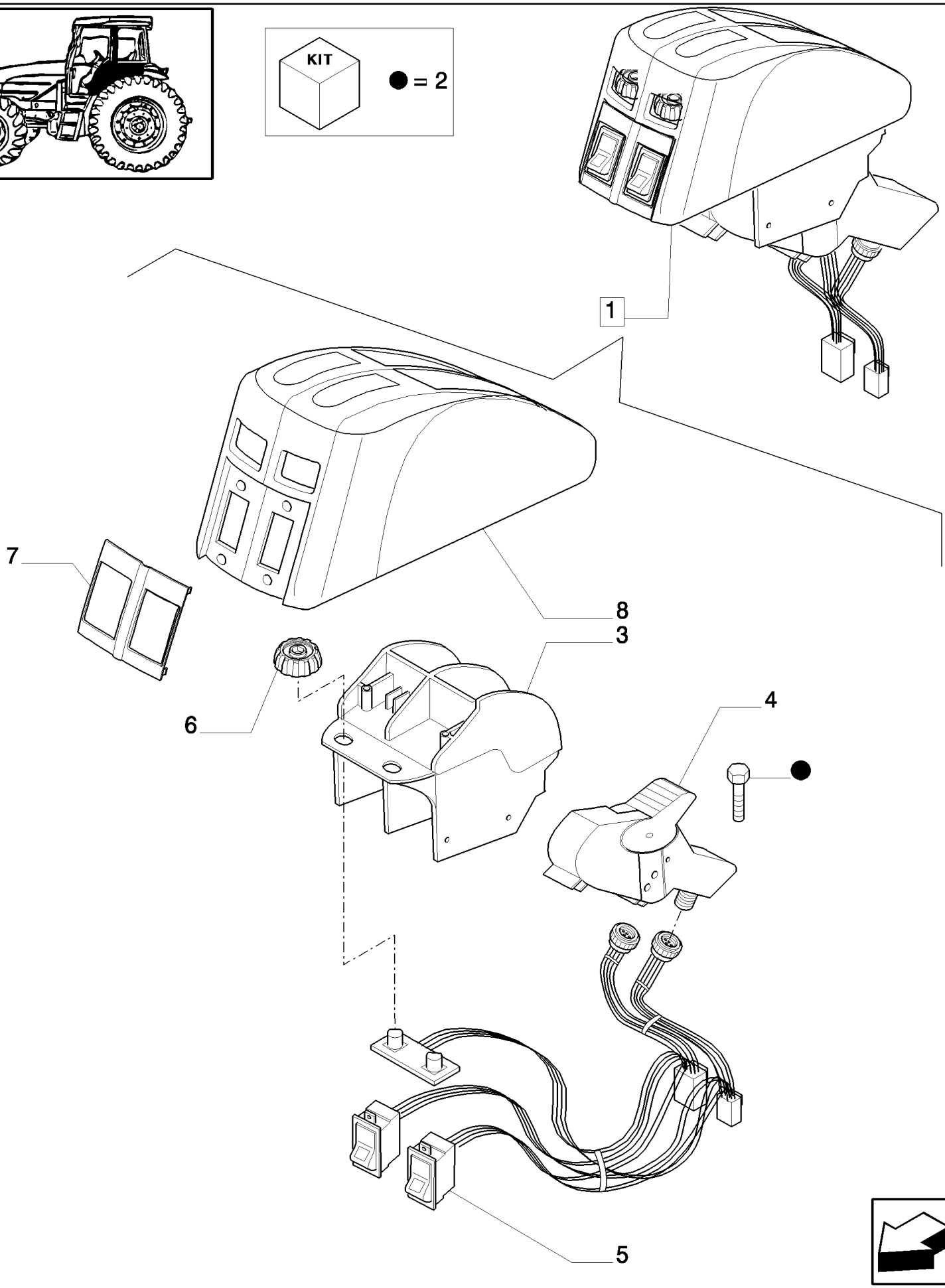
1.96.2/12A (VAR.252-718) ELECTRONIC CONTROL VALVE 1 AND 2 - SWITCHES - PARTS

Ref	Part Number	Qty	Description
1	82024131	1	POTENTIOMETER, Assy, Incl. 2-8
2	87307419	1	KIT, SERVICE,
3	87307413	1	FRAME,
4	82024121	1	POTENTIOMETER, Green
4	82024122	1	POTENTIOMETER, Blue
5	82024136	1	CABLE,
6	87307416	2	BUTTON,
7	87307417	1	COVER,
8	87307408	1	COVER,

1.96.2/12B (VAR.252-718) ELECTRONIC CONTROL VALVE 3 AND 4 - SWITCHES - PARTS



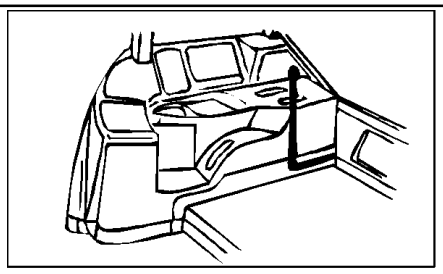
KIT ● = 2

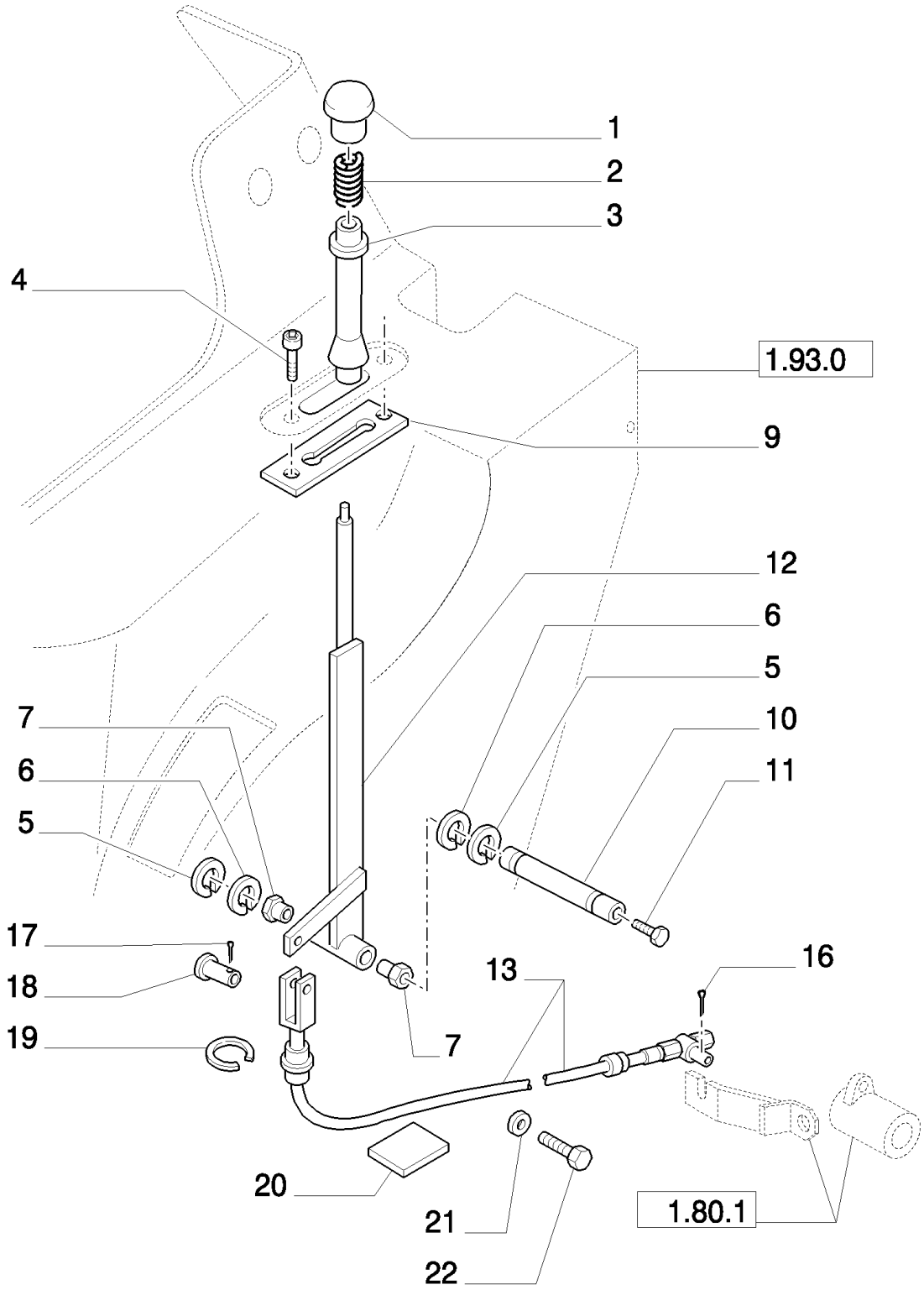


1.96.2/12B (VAR.252-718) ELECTRONIC CONTROL VALVE 3 AND 4 - SWITCHES - PARTS

Ref	Part Number	Qty	Description
1	82024132	1	POTENTIOMETER, Assy, Incl. 2-8
2	87307419	1	KIT, SERVICE,
3	87307413	1	FRAME,
4	82024123	1	POTENTIOMETER, Ginger
4	82024124	1	POTENTIOMETER, Black
5	82024136	1	CABLE,
6	87307416	2	BUTTON,
7	87307417	1	COVER,
8	87307409	1	COVER,

1.96.3 PTO CONTROL



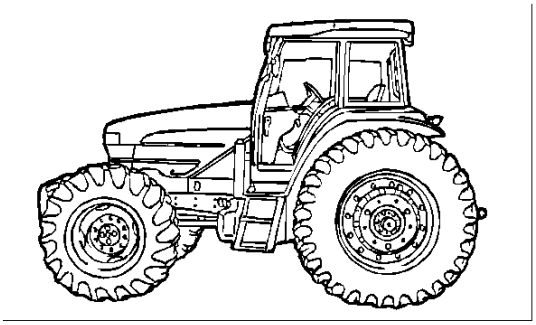


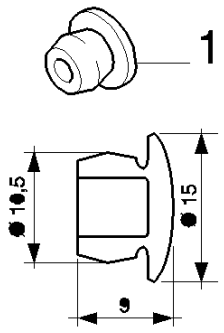
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

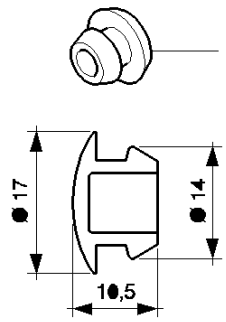
1.96.3 PTO CONTROL

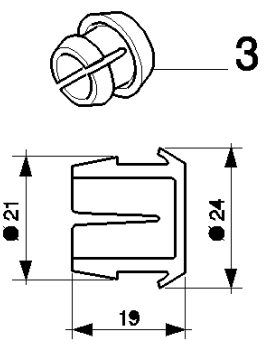
Ref	Part Number	Qty	Description
1	81862957	1	HANDLE,
2	81862963	1	SPRING,
3	82010111	1	CONNECTOR, HYD.,
4	5122813	2	SCREW, M5X14
5	11088176	1	CIRCLIP, M11,
6	14496704	1	WASHER,
7	82002289	2	BUSHING,
9	82010878	1	BRACKET, TM175, TM190
9	82012549	1	BRACKET, TM120, TM130, TM140, TM155
10	82002370	1	SPINDLE,
11	10902024	1	BOLT, Hex, M6 x 12, 8.8, Full Thd,
12	82006560	1	LEVER,
13	82030043	1	CABLE, Incl. Ref. 14,15
16	353467S36	2	PIN, SPLIT (COTTER),
17	10734301	1	PIN, SPLIT (COTTER), M2 x 18,
17	10766901	1	PIN, SPLIT (COTTER), M3.2 x 25,
18	83949897	1	PIN, CLEVIS, M8X14
19	81865873	1	CLIP,
20	82003103	1	STRIP-GASKET,
21	12574211	1	NUT, LOCK, M6 x 1, Cl 8,
22	10903221	1	BOLT, Hex, M6 x 40, 8.8,

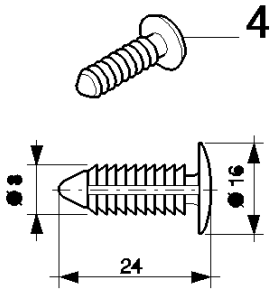
1.96.7 MISCELLANEOUS CAPS

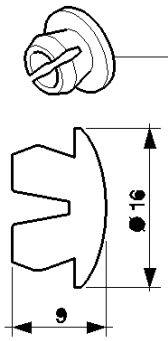


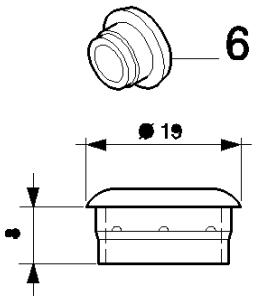


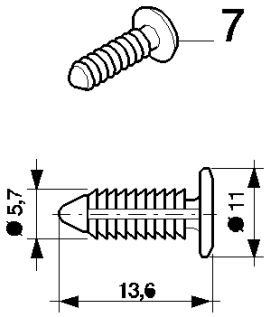


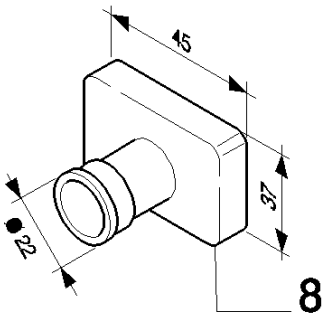


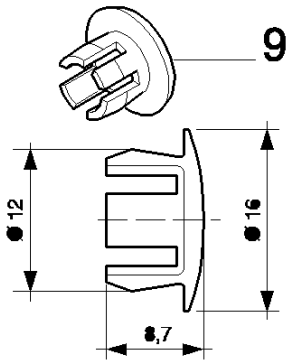


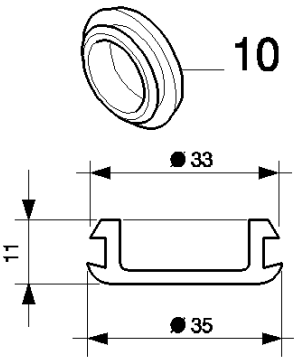


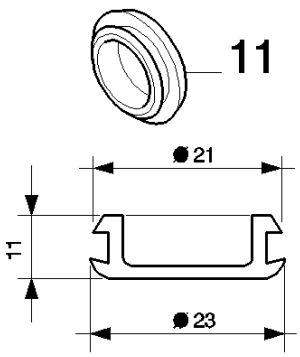


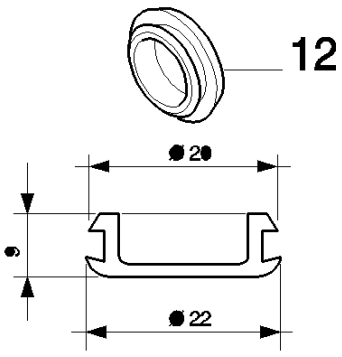


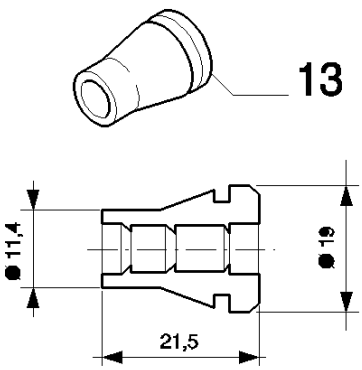


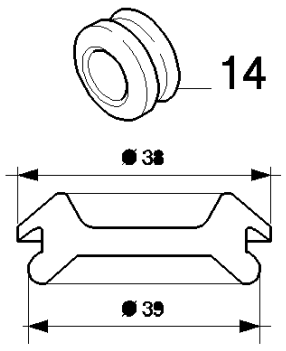


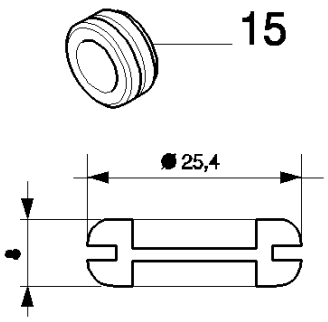


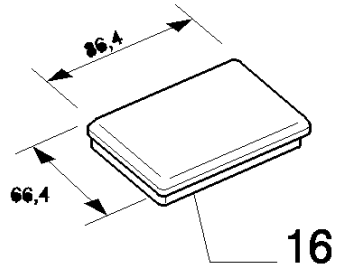


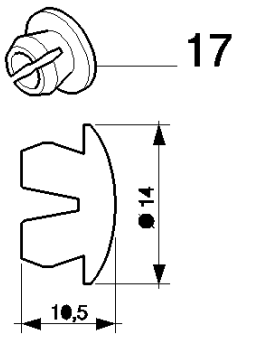


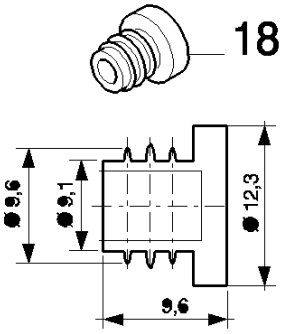


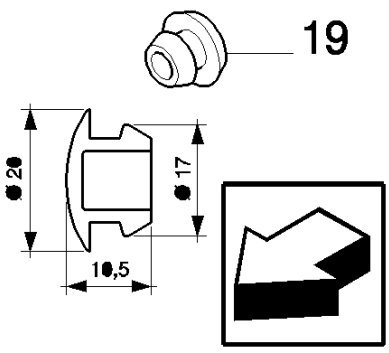






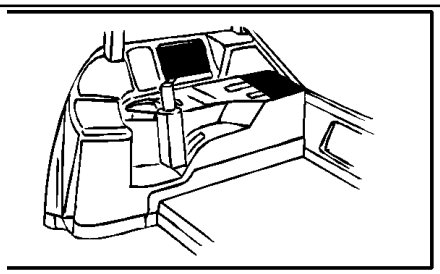


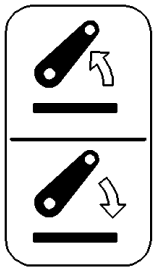


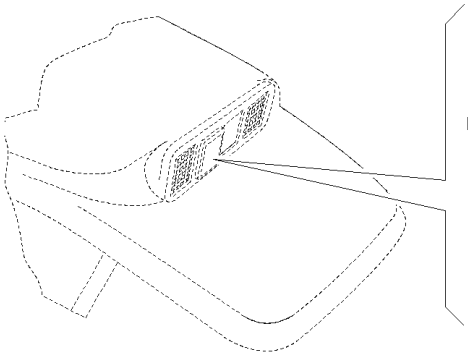


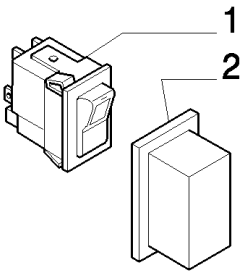
1.96.7 MISCELLANEOUS CAPS

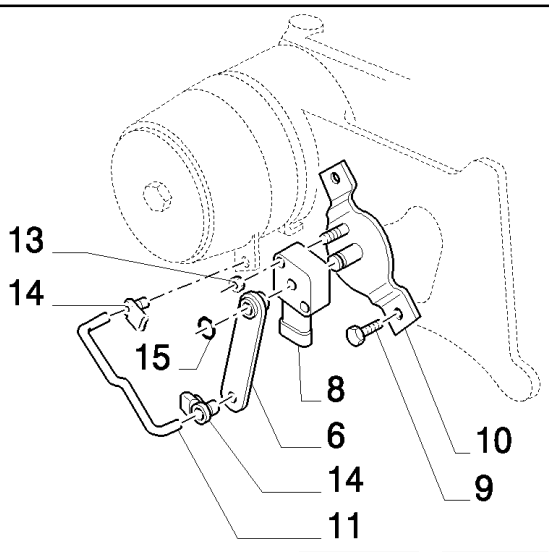
Ref	Part Number	Qty	Description
1	82003283	AR	PLUG, D=8.15
2	81865592	AR	PLUG,
3	81865567	AR	PLUG,
4	F1NN94000Z36AA	AR	DRAWBAR, SWINGING,
5	82001272	AR	PLUG,
6	F0NN94000R89CA	AR	PLUG,
7	83994150	AR	FASTENER,
8	83995035	AR	GROMMET,
9	81865132	AR	PLUG,
10	82001909	AR	GROMMET,
11	82001910	AR	GROMMET,
12	82002491	AR	PLUG,
13	82012309	AR	PLUG,
14	81862738	AR	PLUG,
15	81819333	AR	GROMMET,
16	82011934	AR	PLUG,
17	83954770	AR	PLUG,
18	D6NN94543N03A	AR	GROMMET,
19	81864869	AR	PLUG,

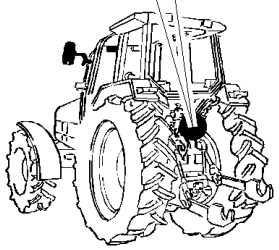


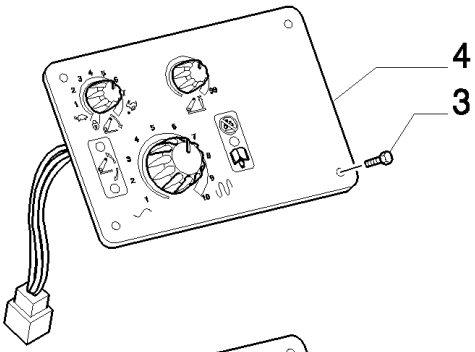


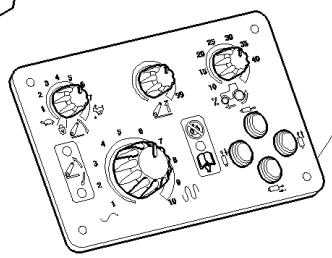


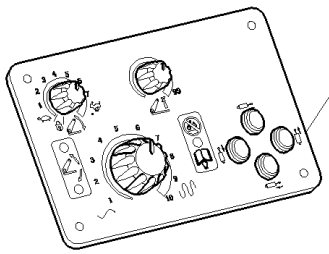

1
2

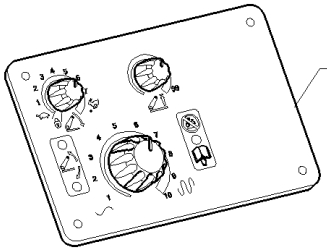

13
14
15
3
8
6
10
14
9
11

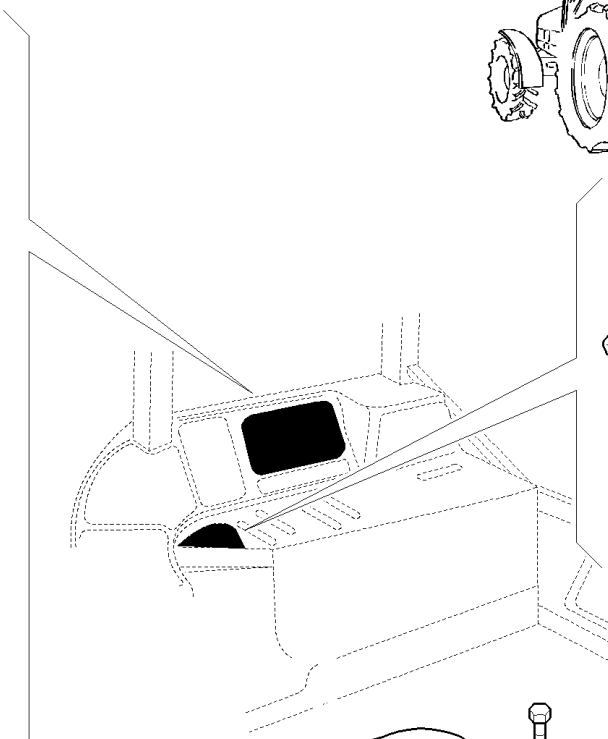


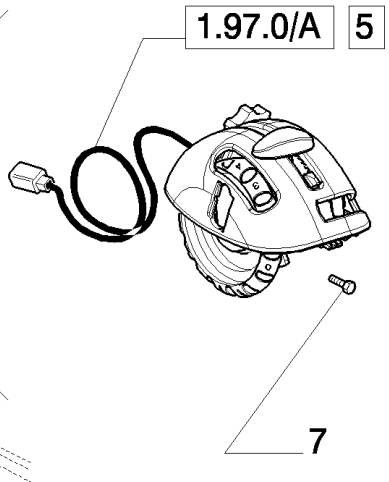

4
3

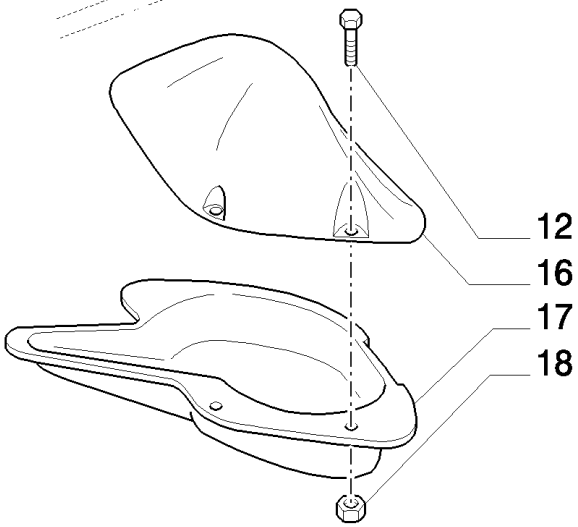

19


20


21




1.97.0/A
5
7


12
16
17
18

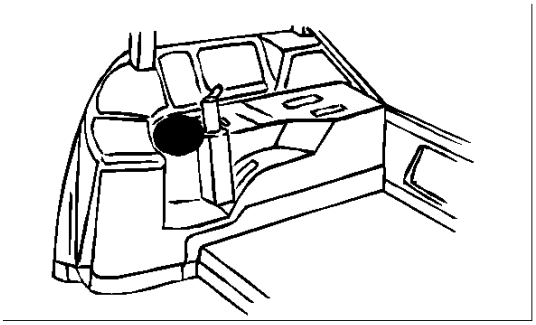


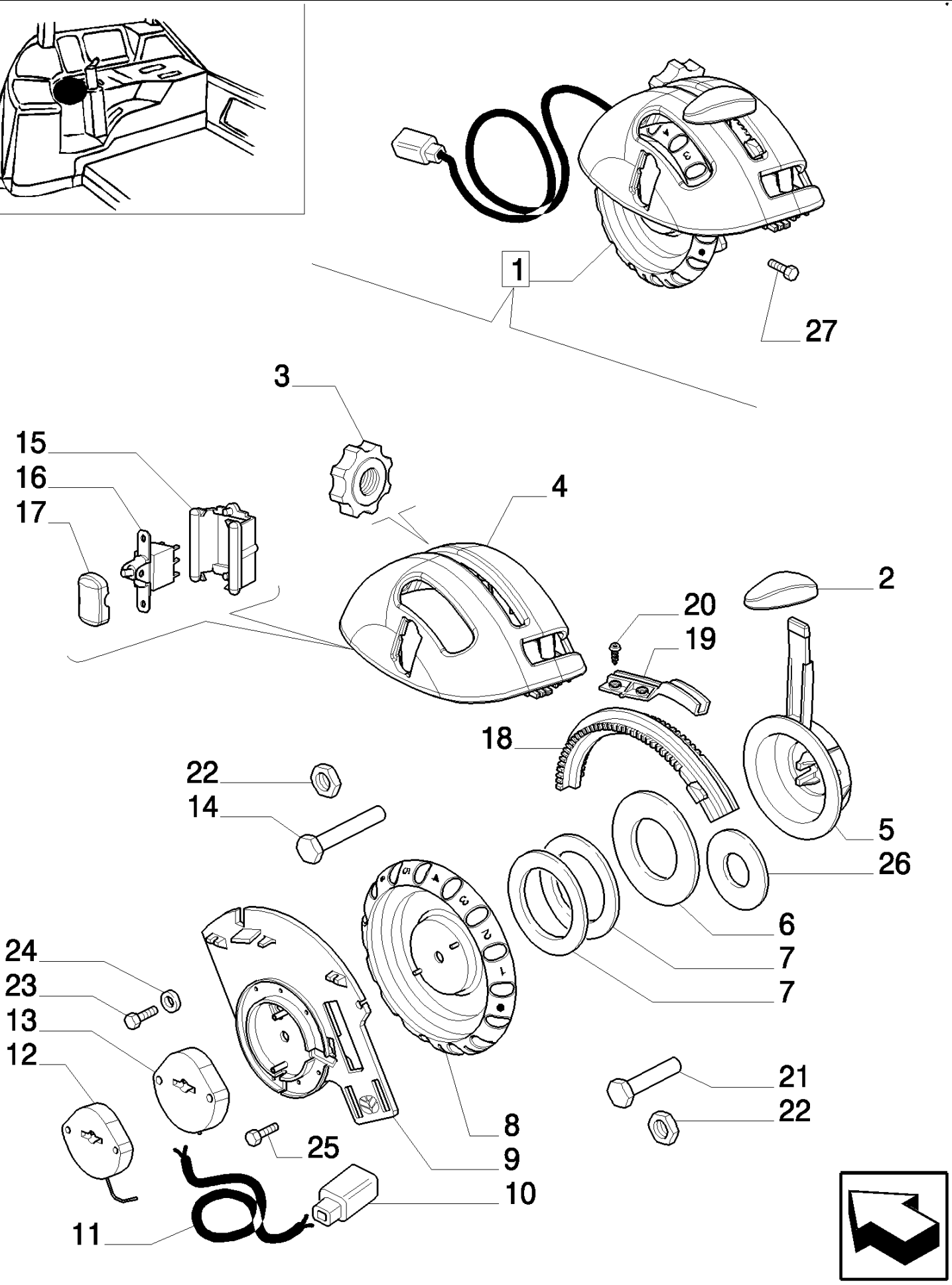
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.97.0(02) ELECTRONIC UNIT CONTROL

Ref	Part Number	Qty	Description
1	82020694	2	SWITCH,
2	E9NN15R575AA	2	COVER,
3	15691301	4	SCREW, SELF TAPPING, Cross Oval Hd, M4.2 x 13,
4	82024840	1	PANEL, , -C5321
4	82024844	1	PANEL, , W/Equip.900 Hydr.Adjust. for Top Link and Right Hand Lift-Rod for CCLS and W/Equip.484 Hydr.Adjust. Top Link and RH Lift Rod for Electronic Remotes, -C5321
4	82024845	1	PANEL, , W/Equip.496 Hydr.Adjust. Top Link and RH Lift Rod for Electronic Remotes W/Radar, -C5321
5	82034652	1	ELECTRONIC UNIT, CONTROL, EDC
6	81864634	1	LEVER,
7	82016959	4	SCREW, 3,5X12
8	87543715	1	POTENTIOMETER, Rotary Position Sensor
9	16043124	2	BOLT, Hex, M8 x 14, 8.8, Full Thd,
10	82015234	1	BRACKET,
11	82014120	1	ROD,
12	9636705	6	SCREW,
13	12574111	1	NUT, LOCK, M5 x .8, Cl 8,
14	9821714	2	CLIP,
15	83981963	1	WASHER, THRUST, M8,
16	82034390	1	COVER, RH, Switch
16	82034391	1	COVER, LH, Switch
17	82034394	1	PROTECTION, RH, Switch
17	82034395	1	PROTECTION, LH, Switch
18	81872135	6	NUT,
19	87397182	1	PANEL, VAR.496, D5321-C5425
19	87530856	1	PANEL, VAR.496, D5425-
20	87397180	1	PANEL, VAR.484, D5321-C5425
20	87530854	1	PANEL, VAR.484, D5425-
21	87397177	1	PANEL, , D5321-C5425
21	87530851	1	PANEL, , D5425-

D5321 After Date 17 January 2006 D5425 After Date 12 January 2007



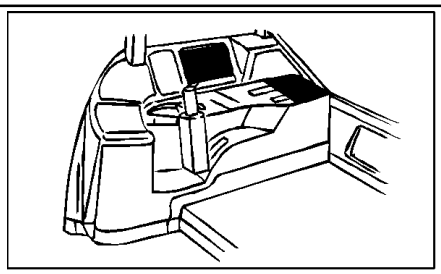

1
27
3
15
16
17
4
2
20
19
18
22
14
5
26
6
7
7
24
23
13
12
21
22
8
25
9
10
11

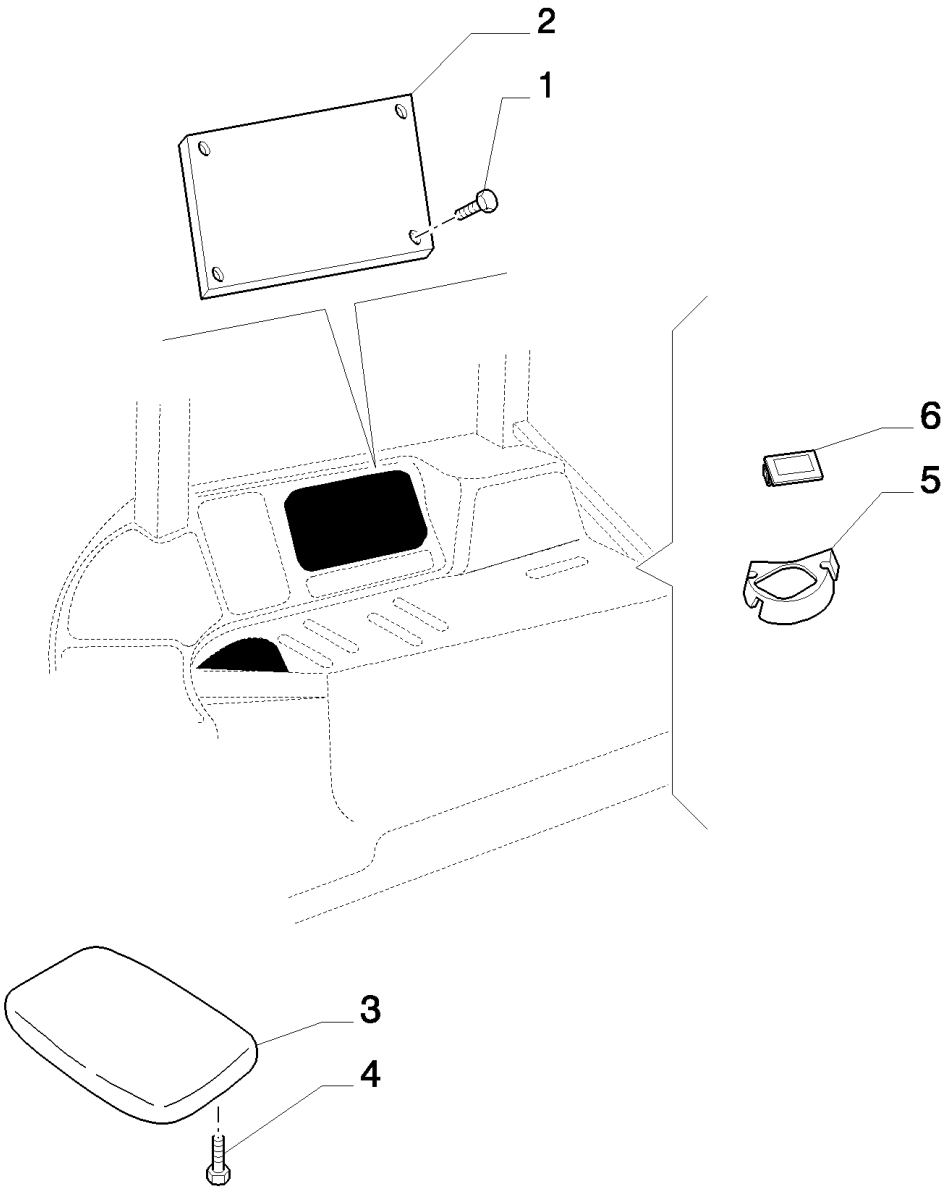
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.97.0/ A(02) ELECTRONIC CONTROL UNIT - BREAKDOWN

Ref	Part Number	Qty	Description
1	82034652	1	ELECTRONIC UNIT, CONTROL, EDC
2	82016801	1	KNOB,
3	82016803	1	NUT, RING,
4	82034649	1	COVER,
5	82016800	1	LEVER,
6	82018842	2	NUT, 0.25"X1"
6	82018844	1	NUT, 0.25"X0.5"
7	82016804	2	LINING, CLUTCH, 2.125"X2.875"X0.125"
8	82016799	1	KNOB, DRAFT CONTROL
9	82016806	1	SUPPORT,
10	82016812	1	CONNECTOR, ELEC, 8 WAY
11	82016807	1	CABLE, ELECTRIC, INCL.REF.12,13,16
12	82016809	1	POTENTIOMETER, POSN CONTROL
13	82016808	1	POTENTIOMETER, DRAFT CONTROL
14	82016805	1	SHAFT, LENGTH=1.750"
15	82016811	1	INSERT,
16	82016810	1	SWITCH, RAISE/LOWER
17	82016813	1	SWITCH,
18	82016802	1	SCREW,
19	82018672	1	GUIDE,
20	82018700	2	SCREW,
21	82018788	1	SPINDLE, DRAFT WHEEL,LENGTH=1.250"
22	82010052	2	NUT,
23	82018841	4	SCREW, Cross Pan Hd, #2-56 x 1/4",
24	82018843	4	WASHER,
25	82018700	4	SCREW, 2.5X10
26	82018845	1	SPRING-DISC, LEVER WHEEL
26	82018846	1	SPRING-DISC, DRAFT
27	82016959	4	SCREW, 3.5X12

1.97.0/01 (VAR.819) VERSION WITHOUT HYDRAULIC LIFT - CONSOLE COVER



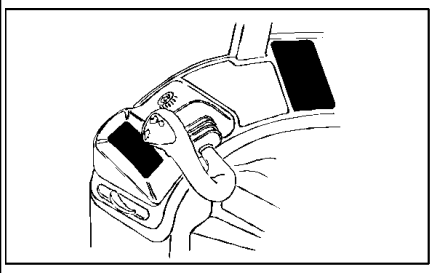


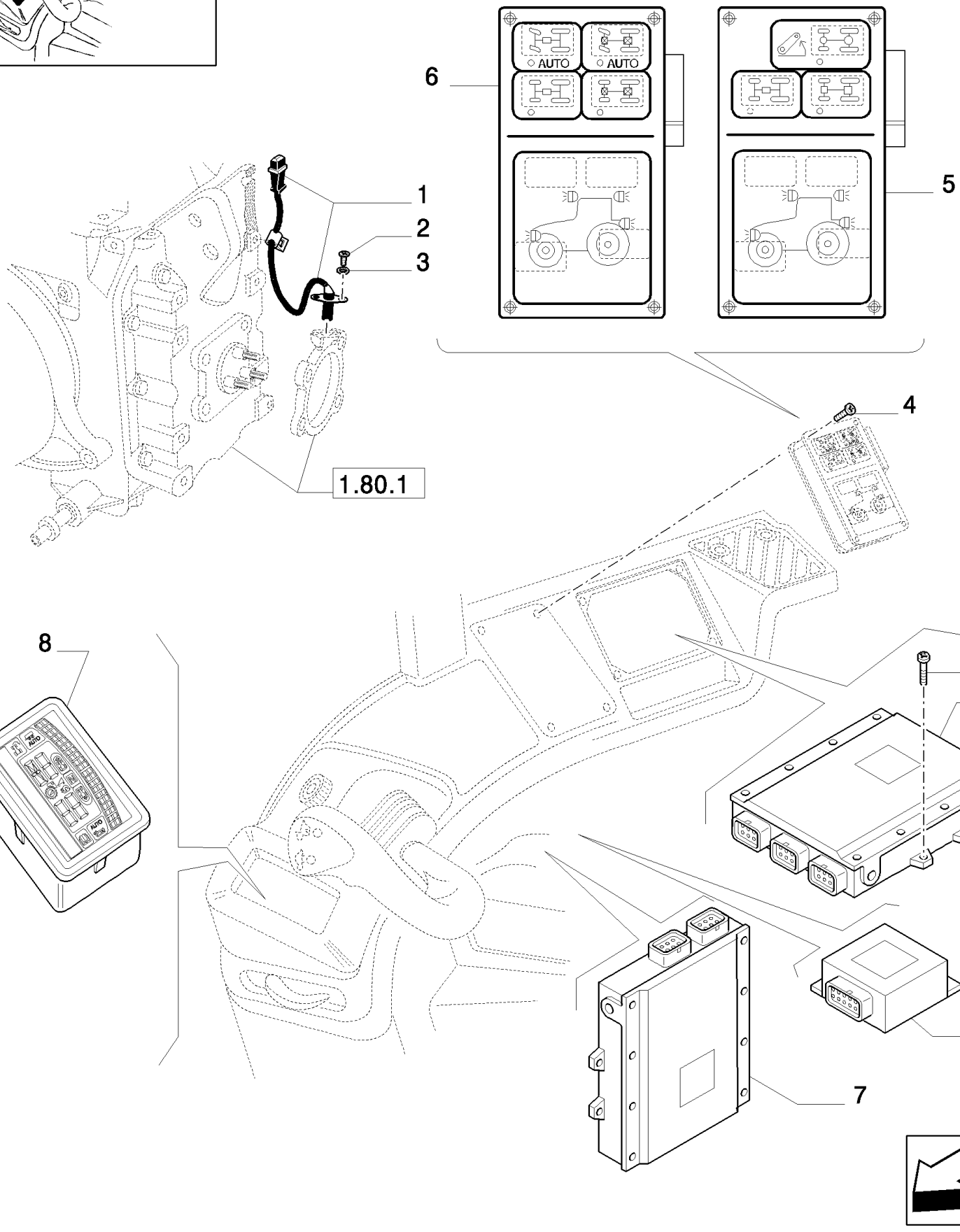
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.97.0/01 (VAR.819) VERSION WITHOUT HYDRAULIC LIFT - CONSOLE COVER

Ref	Part Number	Qty	Description
1	15691301	4	SCREW, SELF TAPPING, Cross Oval Hd, M4.2 x 13,
2	F0NNU892AB	1	PANEL,
3	82031749	1	PANEL,
4	82016959	4	SCREW, 3,5X12
5	82022763	2	PLUG,
6	5151033	2	BLANK-OFF PLUG,

1.97.1(01) ELECTRONIC CONTROL UNIT - TRANSMISSION CONTROL MODULE - C5345





D5000 After Date 04/08/04 D5065 After Date 16/09/04 D5108 Serial N.ACM261856 D5247 Serial N.ACM268731 D5281 Serial N.ACM265009 C5345 Before Date 04 May 2006

TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.97.1(01) ELECTRONIC CONTROL UNIT - TRANSMISSION CONTROL MODULE - C5345

Ref	Part Number	Qty	Description
1	5150991	1	SENSOR, PTO Speed, -C5000
1	82036589	1	SENSOR, Speed, D5000-
2	10977524	2	BOLT, Hex, M5 x 10, 8.8, Full Thd,
3	10571474	2	WASHER, LOCK,
4	15691301	4	SCREW, SELF TAPPING, Cross Oval Hd, M4.2 x 13,
5	82029202	1	ELECTRONIC UNIT, CONTROL, 2WD, Electronic Management Unit, Touch Panel for Worklamps (W/CAB), -C5065
5	87307885	1	ELECTRONIC UNIT, CONTROL, 2WD, Electronic Management Unit, Touch Panel for Worklamps (W/CAB), D5065-ACM268730
5	87374226	1	ELECTRONIC UNIT, CONTROL, 2WD, Electronic Management Unit, Touch Panel for Worklamps (W/CAB), ASN ACM268731
6	82029203	1	ELECTRONIC UNIT, CONTROL, 4WD, L/SuperSteer, Electronic Management Unit L/Super Steer, -C5065
6	82029204	1	ELECTRONIC UNIT, CONTROL, 4WD, W/SuperSteer, Electronic Management Unit W/Super Steer W/SuperSteer front axle VAR.416 & VAR.521, -C5065
6	87307886	1	ELECTRONIC UNIT, CONTROL, 4WD, L/SuperSteer, Electronic Management Unit L/Super Steer, D5065-ACM268730
6	87307887	1	ELECTRONIC UNIT, CONTROL, 4WD, W/SuperSteer, Electronic Management Unit W/Super Steer W/SuperSteer front axle VAR.416 & VAR.521, D5065-
6	87374227	1	ELECTRONIC UNIT, CONTROL, 4WD, W/SuperSteer, Electronic Management Unit L/Super Steer, ASN ACM268731
7	47130663	1	ELECTRONIC UNIT, CONTROL, , Controller Full Power Shift II (30KPH)W/HI-LO trans. 24x12(40kph-4wd)Equip.272, EDC
7	47130673	1	ELECTRONIC UNIT, CONTROL, , Controller Full Power Shift II (40KPH)W/FULL POWER SHIFT 18X6(30KPH 4WD)
7	47130683	1	ELECTRONIC UNIT, CONTROL, TM175, TM190, Controller Full Power Shift II (50KPH)W/FULL POWER SHIFT 19X6 (50KPH) EQUIP.147/1,TRASMISSION MODULE
7	47133123	1	ELECTRONIC UNIT, CONTROL, TM175, TM190, Controller Full Power Shift II (30KPH) (Japan)
7	87373974	1	ELECTRONIC UNIT, CONTROL, TM175, TM190, Controller Full Power Shift II (40KPH) EconomyW/FULL POWER SHIFT 19X6(40KPH 4WD)
8	82013047	1	ELECTRONIC UNIT, CONTROL, 2WD, TM120, TM130, TM140, TM155, BSN ACM265008
8	82013048	1	ELECTRONIC UNIT, CONTROL, 4WD, TM120, TM130, TM140, TM155, BSN ACM265008
8	87313811	1	ELECTRONIC UNIT, CONTROL, TM120, TM130, TM140, TM155, ASN ACM265009
8	47130171	1	DISPLAY, TM175, TM190, DISPLAY OF GEARS - ADVANCED, Display of Gears, Advanced, W/SEMI POWER SHIFT 17x6 (30KPH 4WD) EQUIP.147 AND W/FULL POWER SHIFT TRANS.18X6(40KPH 4WD) AND 17X6(30KPH) EQUIP.281 IS USED FOR TM120, TM130, TM140, TM155
8	87313811	1	ELECTRONIC UNIT, CONTROL, TM120, TM130, TM140, TM155, Display of Gears L/HTS, Advanced, W/SEMI POWER SHIFT 17X6(30KPH 4WD) EQUIP.147 AND W/FULL POWER SHIFT TRANS.18X6(40KPH 4WD) AND 17X6(30KPH) EQUIP.281 IS USED FOR TM120,TM130,TM140, TM155, ASN ACM261856
9	82033641	1	ELECTRONIC UNIT, CONTROL, TM120, TM130, TM140, TM155, Small Control Module FOR VISCTRONIC FAN
10	87304731	1	ELECTRONIC UNIT, CONTROL, TM175, TM190, Central Control Module (XCM 1.5) FOR ENGINE, SUSPENSION AND VISCTRONIC FAN

D5000 After Date 04/08/04 D5065 After Date 16/09/04 D5108 Serial N.ACM261856 D5247 Serial N.ACM268731 D5281 Serial N.ACM265009 C5345 Before Date 04 May 2006

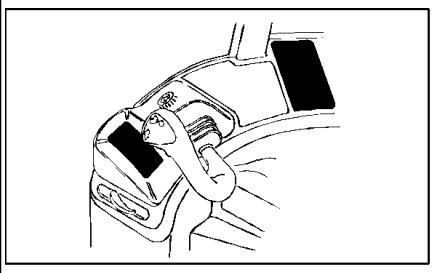
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

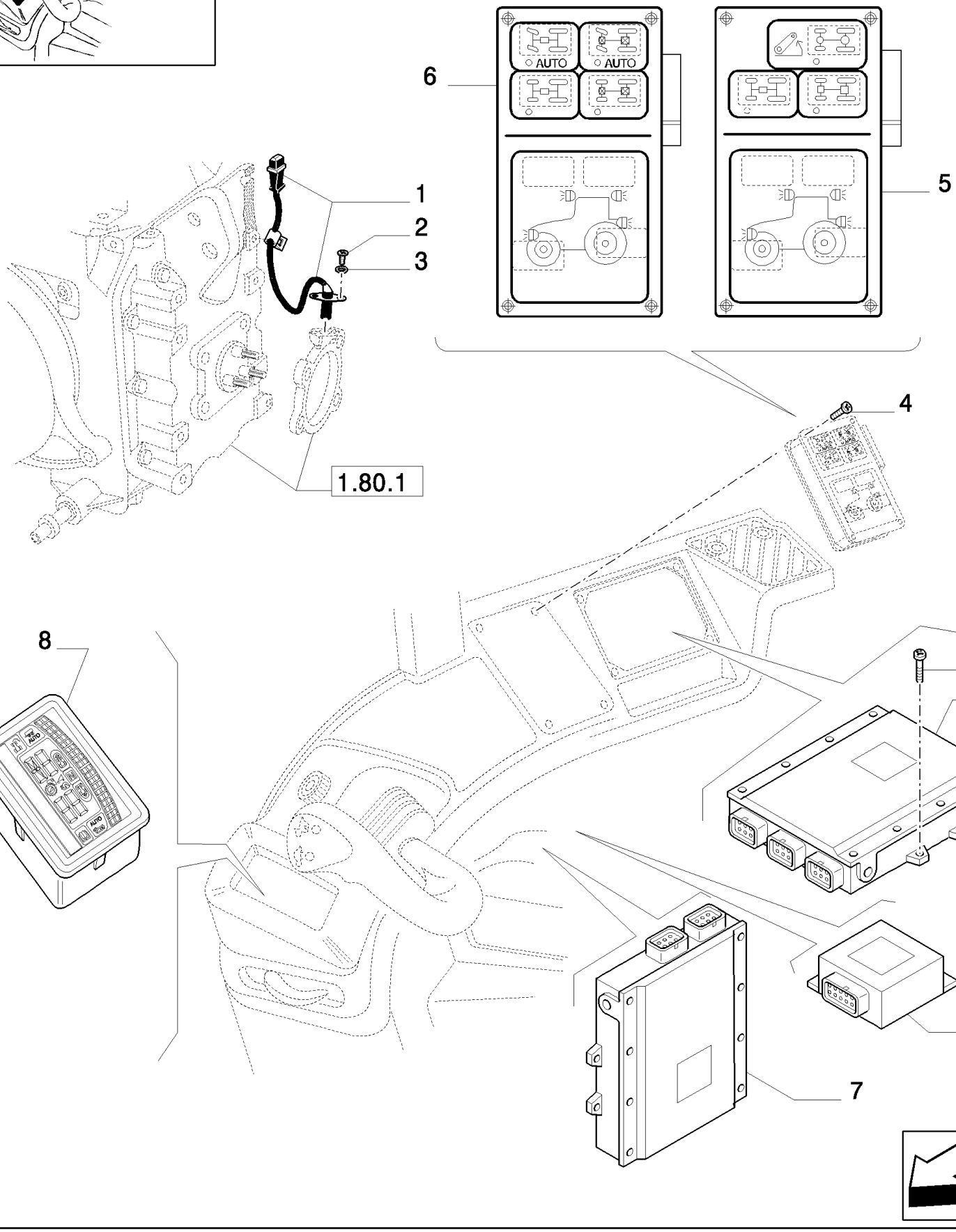
1.97.1(01) ELECTRONIC CONTROL UNIT - TRANSMISSION CONTROL MODULE - C5345

Ref	Part Number	Qty	Description
10	82033580	1	ELECTRONIC UNIT, CONTROL, 2WD, TM120, TM130, TM140, TM155, General Control Unit W/SEMI POWER SHIFT 17X6(30KPH), BSN ACM265008
10	87356940	1	MODULE, 2WD, TM120, TM130, TM140, TM155, XCM - W/SEMI POWER SHIFT (30KPH), EDC, FSA PTO AND VISCTRONIC FAN, ASN ACM265009
10	82033630	1	ELECTRONIC UNIT, CONTROL, 4WD, TM120, TM130, TM140, TM155, General Control Unit W/SEMI POWER SHIFT 18X6(40KPH), BSN ACM265008
10	87356939	1	MODULE, 4WD, TM120, TM130, TM140, TM155, XCM - W/SEMI POWER SHIFT (40KPH), EDC, FSA PTO AND VISCTRONIC FAN, ASN ACM265009
10	87384495	1	ELECTRONIC UNIT, CONTROL, TM120,TM130,TM140, W/HI-LO trans. 24x12(40kph-4wd)Equip.272, EDC
11	15643904	3	SCREW, SELF TAPPING, Cross Pan Hd, M4.2 x 9.5,

D5000 After Date 04/08/04 D5065 After Date 16/09/04 D5108 Serial N.ACM261856 D5247 Serial N.ACM268731 D5281 Serial N.ACM265009 C5345 Before Date 04 May 2006

1.97.1(02) ELECTRONIC CONTROL UNIT - TRANSMISSION CONTROL MODULE - D5345





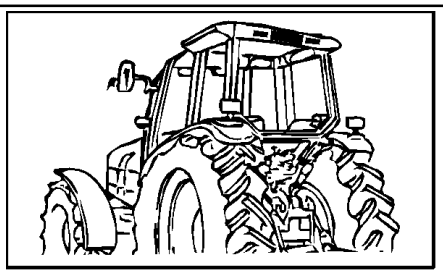
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

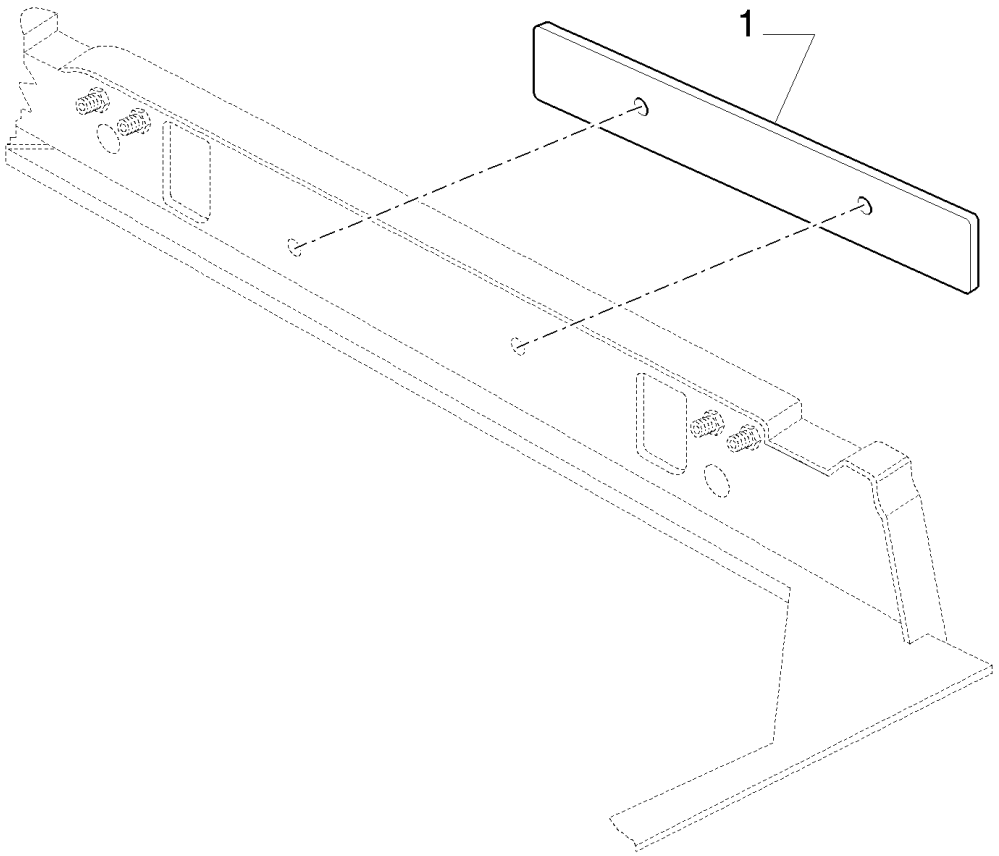
1.97.1(02) ELECTRONIC CONTROL UNIT - TRANSMISSION CONTROL MODULE - D5345

Ref	Part Number	Qty	Description
1	82036589	1	SENSOR,
2	10977524	2	BOLT, Hex, M5 x 10, 8.8, Full Thd,
3	10571474	2	WASHER, LOCK,
4	15691301	4	SCREW, SELF TAPPING, Cross Oval Hd, M4.2 x 13,
5	87374226	1	ELECTRONIC UNIT, CONTROL, 2WD, Worklamps, Electronic Management Unit, Touch Panel for Worklamps (W/CAB)
6	87374227	1	ELECTRONIC UNIT, CONTROL, 4WD, W/SuperSteer, Electronic Management Unit L/SuperSteer
7	47130664	1	ELECTRONIC UNIT, CONTROL, , Controller Full Power Shift 17x6 (30KPH), Equip.281, Electronic Module
7	47130674	1	ELECTRONIC UNIT, CONTROL, TM120, TM130, TM140, TM155, Controller Full Power Shift 18x6 (40KPH), Equip.281, Electronic Module
7	47130684	1	ELECTRONIC UNIT, CONTROL, TM175, TM190, Controller Full Power Shift 19x6(50DPH), Equip.147, Electronic Module
7	47133124	1	ELECTRONIC UNIT, CONTROL, TM175, TM190, Controller Full Power Shift (30KPH), Japan only, Electronic Module, Equip.570
7	87528659	1	ELECTRONIC UNIT, CONTROL, TM175, TM190, Controller Full Power Shift (40KPH) Energy Saving, Electronic Module, Equip.571
8	87313811	1	ELECTRONIC UNIT, CONTROL, TM120, TM130, TM140, TM155
8	47130171	1	DISPLAY, TM175, TM190, DISPLAY OF GEARS - ADVANCED, Controller Semi Power Shift 17x6 (30KPH 4WD) EQUIP.147 AND FULL POWER SHIFT 18X6 (40KPH - 4WD) AND 17X6 (30KPH) EQUIP.281 IS USED FOR TM120, TM130, TM140, TM155
9	82033641	1	ELECTRONIC UNIT, CONTROL, TM120, TM130, TM140, TM155, Small Control Module FOR VISCTRONIC FAN
10	87304731	1	ELECTRONIC UNIT, CONTROL, TM175, TM190, Central Control Module (XCM 1.5) FOR ENGINE, SUSPENSION AND VISCTRONIC FAN
10	87356939	1	MODULE, 4WD, TM120, TM130, TM140, TM155, XCM - W/SEMI POWER SHIFT (40KPH), EDC, FSA PTO AND VISCTRONIC FAN
10	87384495	1	ELECTRONIC UNIT, CONTROL, TM120,TM130,TM140, W/HI-LO trans. 24x12(40kph-4wd)Equip.272, EDC
11	15643904	3	SCREW, SELF TAPPING, Cross Pan Hd, M4.2 x 9.5,

D5345 After Date 04 May 2006

1.98.3 (VAR.001) FRANCE VERSION - LICENSE PLATE & LAMP



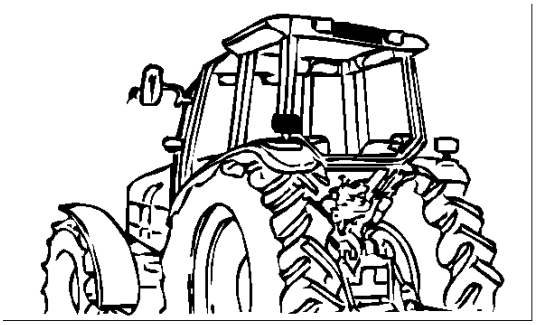


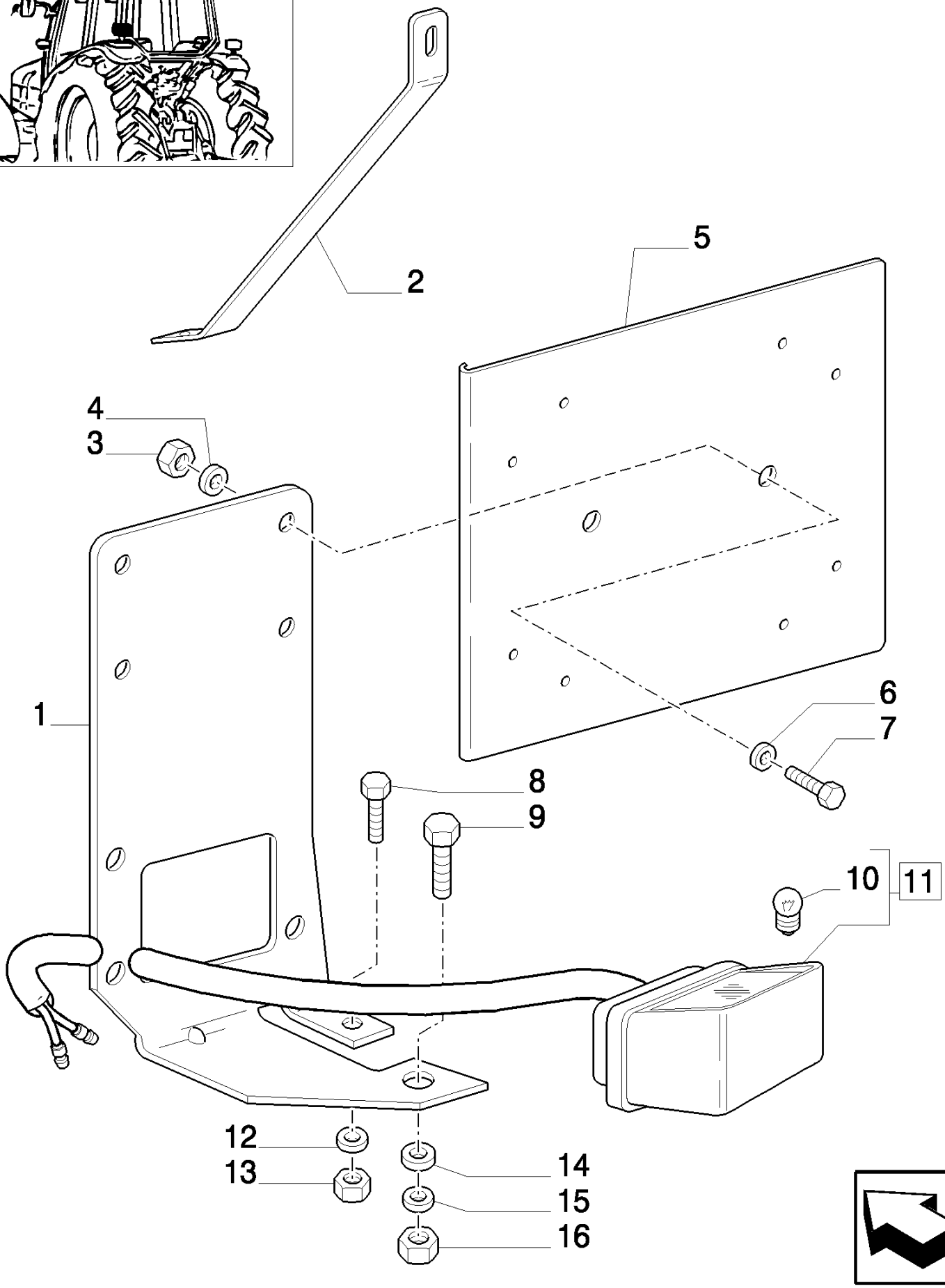
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.98.3 (VAR.001) FRANCE VERSION - LICENSE PLATE & LAMP

Ref	Part Number	Qty	Description
1	82027119	1	PLATE,

1.98.3/01 (VAR.965) LICENSE PLATE LAMP & SUPPORT, MOUNTING ON MUDGUARD



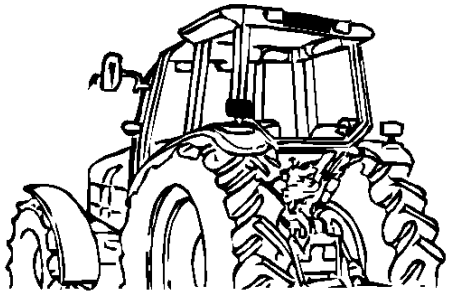


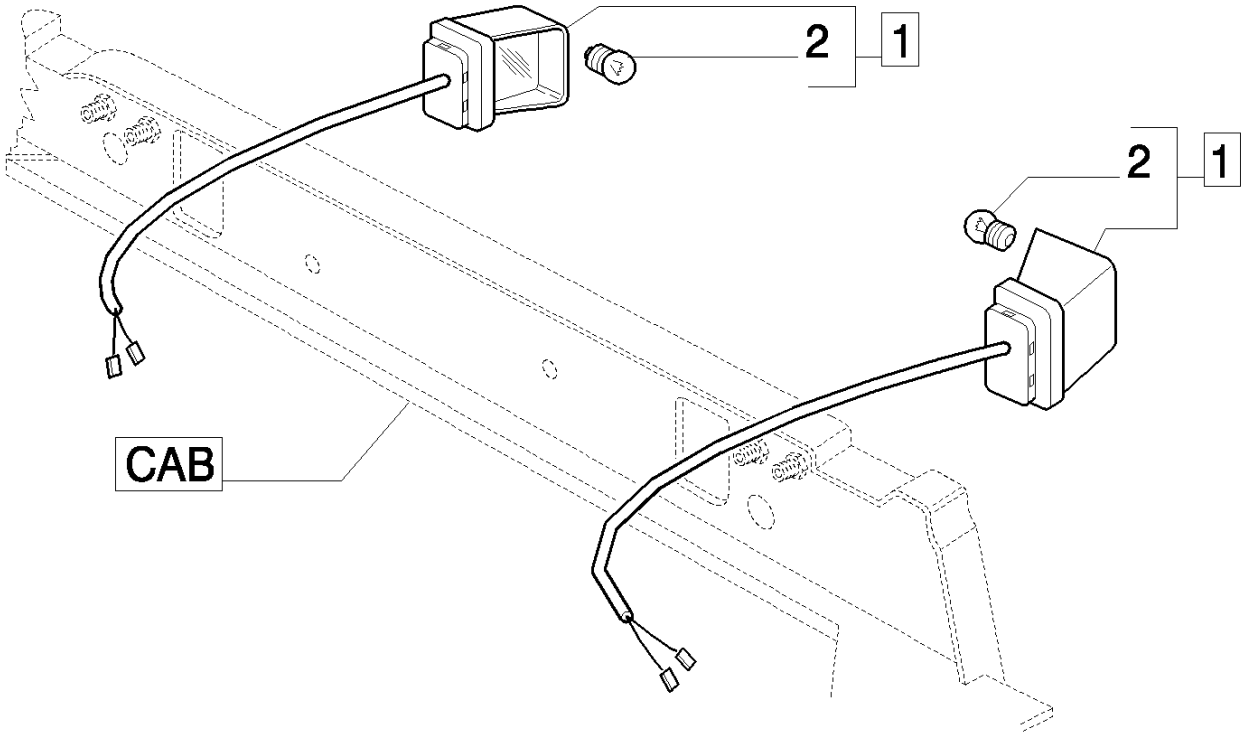
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.98.3/01 (VAR.965) LICENSE PLATE LAMP & SUPPORT, MOUNTING ON MUDGUARD

Ref	Part Number	Qty	Description
1	82015041	1	BRACKET,
2	82009275	1	BRACKET,
3	15896221	2	NUT, M6, Cl 10,
4	12035670	2	WASHER, LOCK,
5	5170366	1	PLATE,
6	12647601	2	WASHER, M6 x 16 x 2,
7	86511830	2	SCREW, Cross Pan Hd, M6 x 20,
8	16043624	1	BOLT, Hex, M8 x 25, 8.8, Full Thd,
9	300388	1	BOLT, Hex, M12 x 25, 8.8,
10	81867061	1	BULB,
11	82000705	1	LAMP, NUMBER PLATE,
12	10516674	1	WASHER, LOCK,
13	16100811	1	NUT, M8, Cl 8,
14	82011888	1	WASHER,
15	10517074	1	WASHER, LOCK,
16	11702921	1	NUT, M12, Cl 10,

1.98.3/02 (VAR.966) LICENSE PLATE LAMP & SUPPORT, MOUNTING ON CAB ROOF



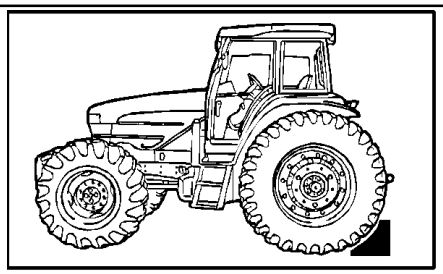


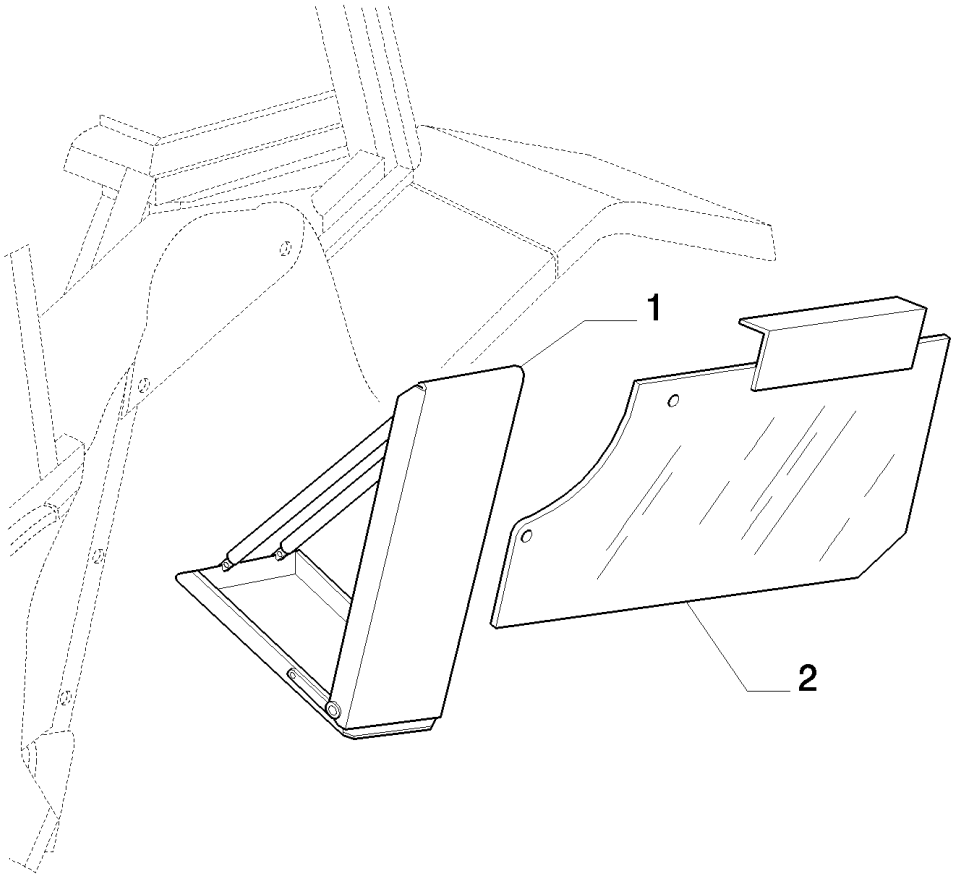
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.98.3/02 (VAR.966) LICENSE PLATE LAMP & SUPPORT, MOUNTING ON CAB ROOF

Ref	Part Number	Qty	Description
1	82011933	2	LAMP, NUMBER PLATE,
2	81867061	2	BULB,

1.99.1/01 (VAR.863/1) DOUBLE CHOCK



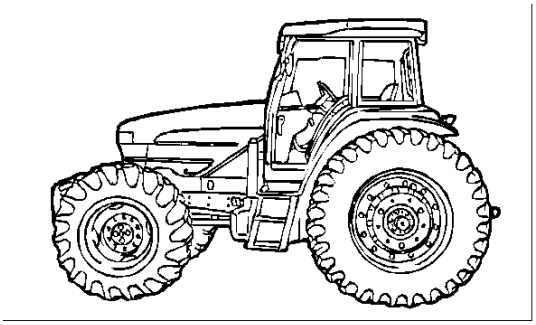


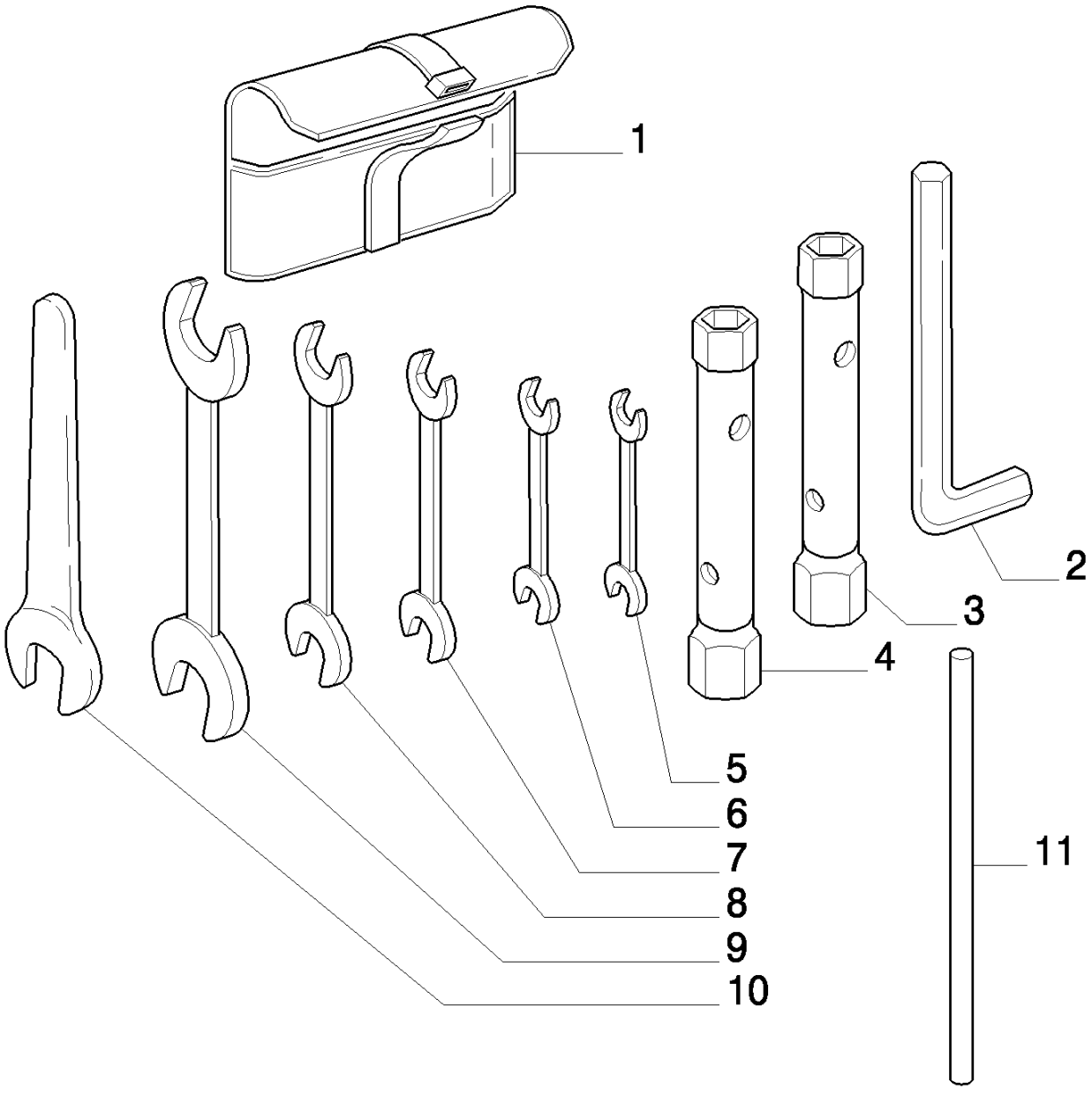
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.99.1/01 (VAR.863/1) DOUBLE CHOCK

Ref	Part Number	Qty	Description
1	81869660	2	WHEEL CHOCK,
2	82030241	1	SUPPORT, LH
2	82030243	1	SUPPORT, RH

1.99.2 (VAR.996) SET OF TOOLS



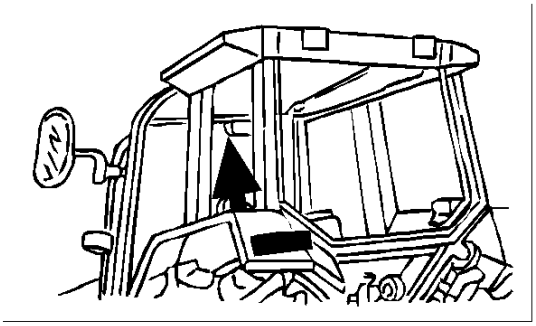


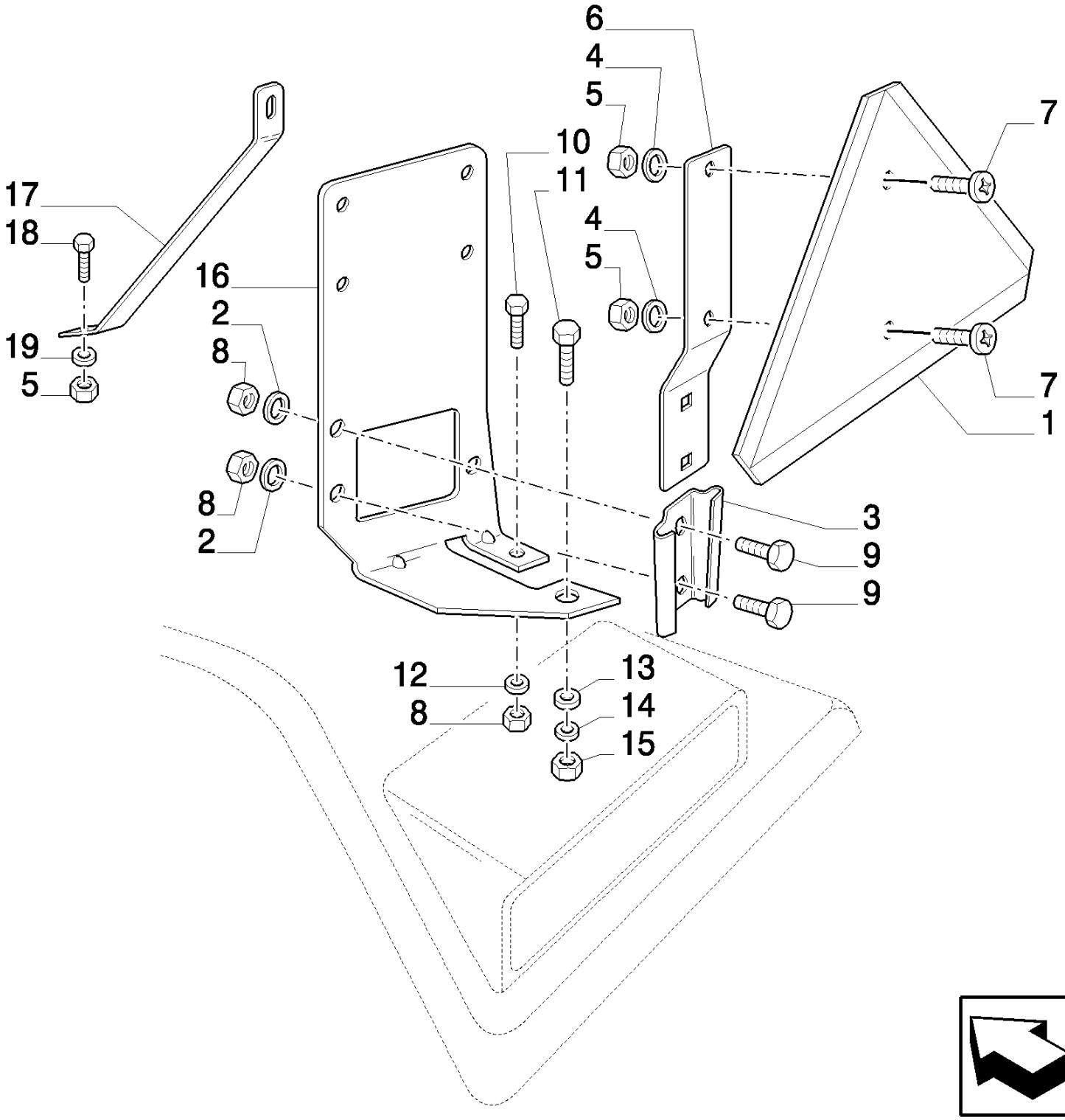
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.99.2 (VAR.996) SET OF TOOLS

Ref	Part Number	Qty	Description
1	4960158	1	TOOL BAG,
2	5121429	1	WRENCH, SPECIAL, MM.12
3	5121423	1	SOCKET WRENCH, MM.24/MM.27
4	5121422	1	SOCKET WRENCH, MM.22/MM.24
5	5121417	1	WRENCH, OPEN END, MM.6X7
6	5121418	1	WRENCH, OPEN END, MM.10X13
7	5121419	1	WRENCH, OPEN END, MM.11X14
8	5121420	1	WRENCH, OPEN END, MM.17X19
9	5121421	1	WRENCH, OPEN END, MM.22X24
10	5121426	1	WRENCH, OPEN END, MM.27
11	5121440	1	PIN,

1.99.3 (VAR.759) SLOW MOVING VEHICLE SIGN

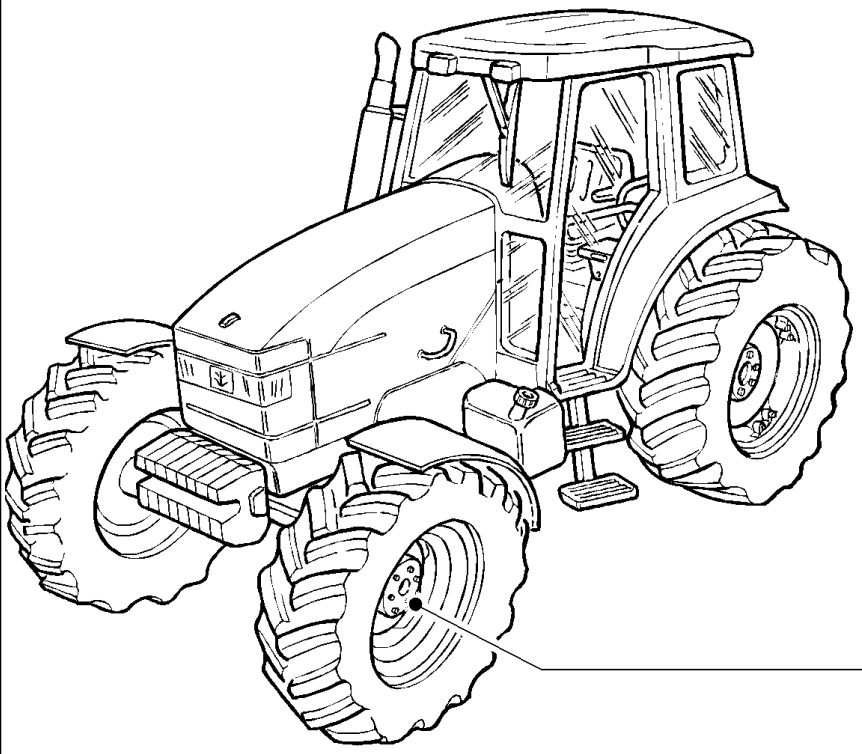




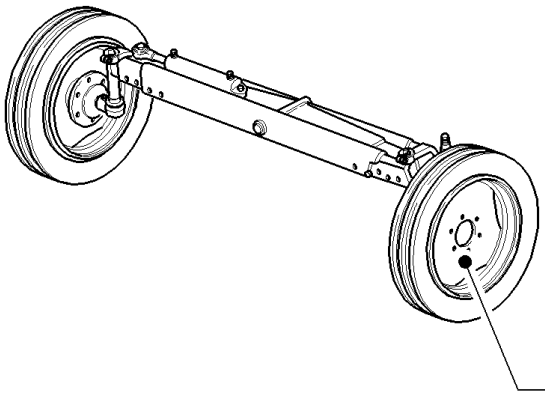
TM190 TRACTOR (6/02-) - Operator's Platform / Cab

1.99.3 (VAR.759) SLOW MOVING VEHICLE SIGN

Ref	Part Number	Qty	Description
1	5144870	1	REFLECTOR,
2	14496504	2	WASHER, M8 x 17 x 1.6,
3	5148517	1	SUPPORT,
4	14499304	2	WASHER, M6 x 11 x 1.6,
5	15896221	5	NUT, M6, Cl 10,
6	81864740	1	BRACKET,
7	10376724	2	SCREW, Slotted, Pan Hd, M6 x 16,
8	16100811	3	NUT, M8, Cl 8,
9	16043224	2	BOLT, Hex, M8 x 16, 8.8, Full Thd,
10	16043624	1	BOLT, Hex, M8 x 25, 8.8, Full Thd,
11	300388	1	BOLT, Hex, M12 x 25, 8.8,
12	10516674	1	WASHER, LOCK,
13	82011888	1	WASHER,
14	10517074	1	WASHER, LOCK,
15	11702921	1	NUT, M12, Cl 10,
16	82015041	1	BRACKET,
17	82009275	1	BRACKET,
18	86511830	2	SCREW, Cross Pan Hd, M6 x 20,
19	12647601	2	WASHER, M6 x 16 x 2,

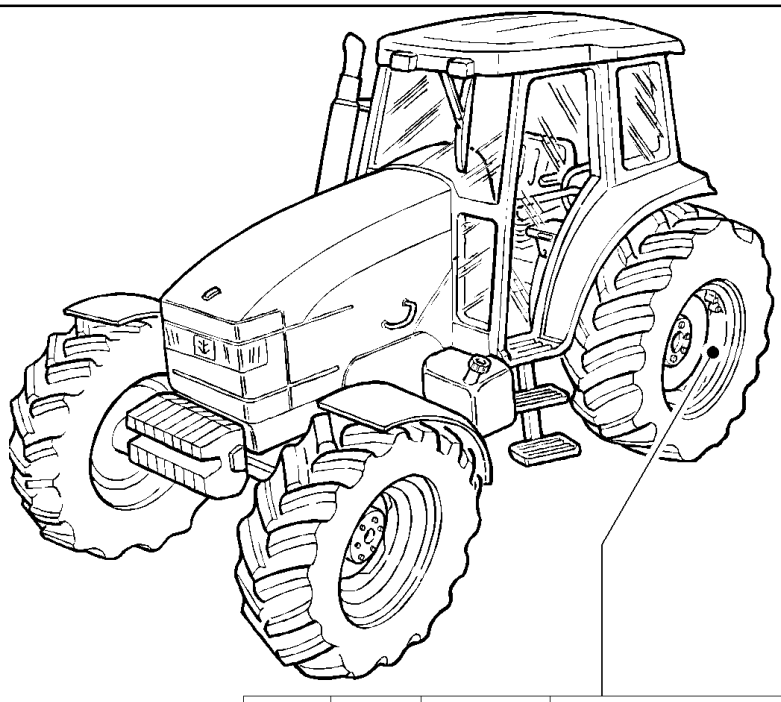


GROUP	EQUIP	RIM	TIRE SIZE
82.00	82.41	W12X28	14.9/28 A8
	82.41/1	W12X28	14.9/28 10PR-R1
	82.41/2	W12X28	14.9/28 R1
	82.41/3	W12X28	380/85 R28
	82.41/4	W12X28	380/85 R28 133A8
	82.50	W12X28	13.6/28-6PR-R1
	82.50/1	W12X28	13.6/28 A8
	82.50/2	W12X28	13.6/28 R1
	82.51	W12X28	14.9 R28 R1
	82.53	W15X28	16.9 R28 R1
	82.55	W15LX28	16.9 R28 A8 R1
	82.55/1	W15LX28	16.9 R28 R1
	82.55/2	W15LX28	16.9X28 8PR R1
	82.55/3	W15X28	16.9/28 A8
	82.55/4	W15X28	16.9/28 8PR R1
	82.55/5	W15X28	16.9/28 R1
	82.55/6	W15X28	16.9 R28 (420/85 R28)
	82.58	DW13X30	14.9 R30 A8
	82.58/1	DWW13X30	14.9 R30 R1
	82.58/2	W13X30	14.9 R30 (380/85 R30)
	82.74	W15X30	16.9 R30 420/85 R30 A8
	82.85	W13x34	14.9 R34 R1
	82.95	W10X38	320/85 R38 R1W
	82.95/1	W10X28	320/85 R38
	88.13	W15LX28	480/70 R28 A8 R1
	88.13/1	W15X28	480/70 R28 A8
	88.15	W15X28	480/65 R28 A8
	88.15/1	W14X28	480/65 R28 A8
	88.25	W14X28	480/65 R28 A8
	88.33	W15X28	480/70 R28
	88.50	W12X28	380/70 R28 A8
	88.51	W12X28	420/70 R28 A8
	88.52	W14X28	420/70 R28 A8
	88.52/1	W14X28	420/70 R28 DT812
	88.54	W14X28	480/70 R30 A8
	88.57	W14X28	540/65 R30 A8
	88.58	W15X28	540/65 R28
	88.58/1	W12X28	420/70 R28 DT812
	88.68	W15LX28	540/65 R28 A8 R1
	88.68/1	W15LX28	540/65 R28 A8
	88.69	W15X30	540/65 R30
	88.75	W18X28	600/65 R28 A8
	88 77	W20AX28	600/65 R28



GROUP	EQUIP	RIM	TIRE SIZE
81.00	81.14	W8X16 - W8LX16	10.00 - 16 8PR
	81.15	W8X16 - W8LX16	11.00 - 16 8PR
	81.15/1	W8LX16	11.00 - 16 10PR
	81.32	W11CX16.1	14L - 16 10PR
	81.32/1	W11X16.1	14L - 16 1 12PR

Ref	Part Number	Qty	Description

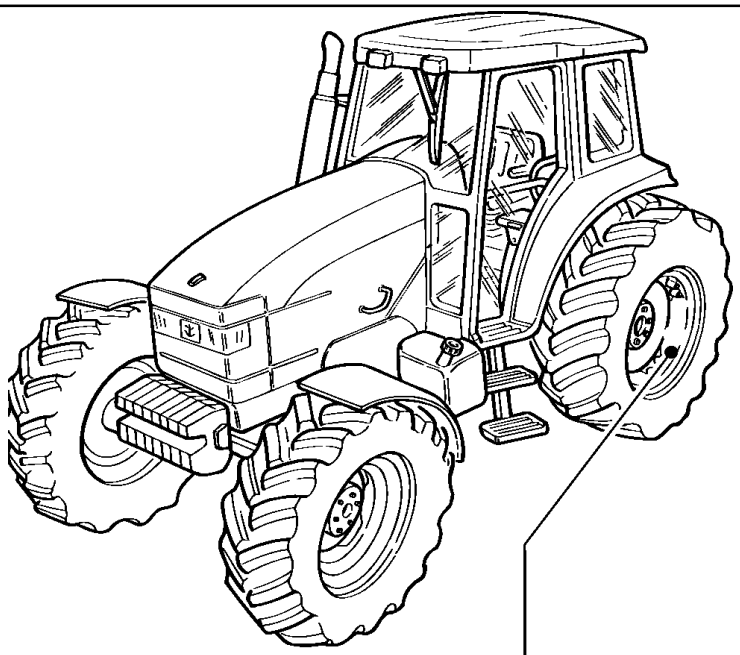


GROUP	EQUIP	RIM	TIRE SIZE
83.00	83.24	W18x38	20.8 R38
	83.28	W15X38	18.4 R38 (460/85) R38 A8
	83.28/1	W15X38	18.4 R38
	83.28/2	W15X38	18.4 38 8PR
	83.31	W18X38	20.8 R38 A8 R1
	83.33	W18X38	20.8 R38
	83.33/1	W18X38	20.8 R38
	83.33/2	W18X38	20.8 38 10PR
	83.34	W16X38	18.4 R38
	83.44	W10X54	320/90 R54 R1W
	83.65	DW15X34	18.4/34 8PR R1 C
	83.66	W16X46	18.4 R46 R1W
	83.70	W12X46	14.9 R46
	83.75	DWL15X38	16.9/38 8PR R1
	83.75/2	W15X38	16.9R38 (420/85) R38 A8
	83.75/1	DWL15X38	16.9 R38 R1
	83.76	DW15LX38	16/38 A8
	83.76/1	DW15LX38	16.9/38 A8 C
	83.76/2	DW15LX38	16.9/38 8PR R1 C
	83.76/3	DW15LX38	16.9/38 R1 C
	83.76/4	W15X38	16.9 R38 A8
	83.77	DW15LX38	18.4/38 R1 C
	83.77/1	DW15LX38	18.4/38 8PR R1 C
	83.77/2	W15X38	18.4 R38 A8
	83.77/3	W15X38	18.4 R38 R1
	83.77/4	W15X38	18.4/38 8PR R1
	83.80	W18X38	20.8 R38 (520/85 R38) A8
	83.80/1	W18X38	20.8 38 10PR
	83.80/2	W18X38	20.8 R38
	83.80/3	W18LX38	20.8/38 10PR R1 C
	83.80/4	W18LX38	20.8 R38 R1 C
	83.80/5	W18LX38	20.8/38 A8 F/N.L.
	83.81	W18X38	20.8 R38 A8 R1
	83.83	W16LX38	18.4 R38 R1 C
	83.83/1	W16LX38	18.4 38 8PR R1 C
	83.83/2	W16LX38	18.4/38 A8 F/N L
	83,84	W15x42	18.4 R42 R1
	83.88	W16X42	18.4 R42

GROUP	EQUIP	RIM	TIRE SIZE
83.00	83.88/1	W15x42	18.4 R42 R1
	83.89	W18x42	20.8 R42
	83.89/1	W18X42	20.8 R42 (520/85 R42)
	83.90	W15X42	18.4 R42
	84.24	W18X38	20.8 R38
	84.28	DW15LX38	18.4/38 8PR R1
	84.34	DW15LX38	18.4 R38 R1
	84.34/1	DW15LX38	18.4/38 8PR R1
	84.34/2	DW15LX38	18.4/38 8PR R2
	84.40	W18X42	20.8 R42
	84.61	W10X54	320/90 R54 R1W
	84.66	W16X46	18.4 R46 R1W
	84.70	W12X46	14.9 R46
	84.77	DW15LX38	18.4 R38 A8
	84.80	W18X38	20.8 R38
	84.80/1	W18X38	20.8 R38 (520/85 R38) A8
	84.88	W15X42	18.4 R42
	84.88/1	W16x42	18.4 R42 R1
	84.89	W18X42	20.8 R42 R1
	84.91	W15X42	18.4 R42
	84.95	W18X42	20.8 R42
	85.80	W18X38	20.8 R38 R2
	88,59	DW28Ax28	600-60 R28
	88,70	DW20Ax30	600-60 R30
	89,91	DW25Ax38	710/60 R38
	89,94	DW25Ax42	710/60 R42
	89.14	W23X38	650/75 R38
	89.26	W18X38	580/70 R38
	89.33	W18LX38	580/70 R38 A8 C
	89.34	W18LX38	650/65 R38 (S.L.) A8
	89.34/1	DW12X46	16.9 R46
	89.34/2	DW12X46	420/80 R46
	89.34/3	DW12X46	420/80 R46
	89.49	W18X38	600/65 R38 A8
	89.53	W18X42	620/70 R42
	89.69	W18X38	600/65 R38 A8
	89.71	W18X42	580/70 R42
	89.74	W18X38	600/65 R38 A8
	89.75	W18X38	520/70 R38 A8
	89.76	W15X38	480/70 R38 A8
	89.78	W15X38	520/70 R38 A8
	89.79	DW15LX38	520/70 R38 A8
	89.79/1	W15X38	520/70 R38 A8
	89.83	W16LX38	520/70 R38 A8
	89.84	W18X38	560/70 R38 A8
	89.84/1	DW18LX38	580/70 R38 A8
	89.85	W18X42	650/65 R42
	89.86	W18X38	650/65 R38 A8
	89.88	DW23X38	710/70 R38
	89.89	W18X42	580/70 R42
	89.97	W18X42	650/65 R42
	89.98	W18X38	650/65 R38
	89.99	W23X38	710/70 R38

Ref	Part Number	Qty	Description

81.00(02) 2WD FRONT WHEELS



GROUP	EQUIP	RIM	TIRE SIZE
83.00	83.24	W18x38	20.8 R38
	83.28	W15X38	18.4 R38 (460/85) R38 A8
	83.28/1	W15X38	18.4 R38
	83.28/2	W15X38	18.4 38 8PR
	83.31	W18X38	20.8 R38 A8 R1
	83.33	W18X38	20.8 R38
	83.33/1	W18X38	20.8 R38
	83.33/2	W18X38	20.8 38 10PR
	83.34	W16X38	18.4 R38
	83.44	W10X54	320/90 R54 R1W
	83.65	DW15X34	18.4/34 8PR R1 C
	83.65/1	DW15X34	18.4 R34 A8
	83.66	W16X46	18.4 R46 R1W
	83.70	W12X46	14.9 R46
	83.75	DWL15X38	16.9/38 8PR R1
	83.75/2	W15X38	16.9R38 (420/85) R38 A8
	83.75/1	DWL15X38	16.9 R38 R1
	83.76	DW15LX38	16/38 A8
	83.76/1	DW15LX38	16.9/38 A8 C
	83.76/2	DW15LX38	16.9/38 8PR R1 C
	83.76/3	DW15LX38	16.9/38 R1 C
	83.76/4	W15X38	16.9 R38 A8
	83.77	DW15LX38	18.4/38 R1 C
	83.77/1	DW15LX38	18.4/38 8PR R1 C
	83.77/2	W15X38	18.4 R38 A8
	83.77/3	W15X38	18.4 R38 R1
	83.77/4	W15X38	18.4/38 8PR R1
	83.80	W18X38	20.8 R38 (520/85 R38) A8
	83.80/1	W18X38	20.8 38 10PR
	83.80/2	W18X38	20.8 R38
	83.80/3	W18LX38	20.8/38 10PR R1 C
	83.80/4	W18LX38	20.8 R38 R1 C
	83.80/5	W18LX38	20.8/38 A8 F/N.L.
	83.81	W18X38	20.8 R38 A8 R1
	83.83	W16LX38	18.4 R38 R1 C
	83.83/1	W16LX38	18.4 38 8PR R1 C
	83.83/2	W16LX38	18.4/38 A8 F/N L
	83.88	W16X42	18.4 R42
	83.89	W18X42	20.8 R42

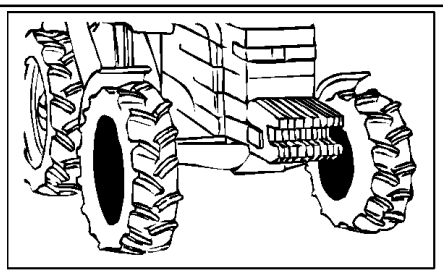
GROUP	EQUIP	RIM	TIRE SIZE
83.00	83.89/1	W18X42	20.8 R42 (520/85 R42)
	83.90	W15X42	18.4 R42
	84.24	W18X38	20.8 R38
	84.28	DW15LX38	18.4/38 8PR R1
	84.34	DW15LX38	18.4 R38 R1
	84.34/1	DW15LX38	18.4/38 8PR R1
	84.34/2	DW15LX38	18.4/38 8PR R2
	84.40	W18X42	20.8 R42
	84.61	W10X54	320/90 R54 R1W
	84.66	W16X46	18.4 R46 R1W
	84.70	W12X46	14.9 R46
	84.77	DW15LX38	18.4 R38 A8
	84.80	W18X38	20.8 R38
	84.80/1	W18X38	20.8 R38 (520/85 R38) A8
	84.88	W16X42	18.4 R42
	84.89	W18X42	20.8 R42 R1
	84.91	W15X42	18.4 R42
	84.95	W18X42	20.8 R42
	85.80	W18X38	20.8 R38 R2
	89.14	W23X38	650/75 R38
	89.26	W18X38	580/70 R38
	89.33	W18LX38	580/70 R38 A8 C
	89.34	W18LX38	650/65 R38 (S.L.) A8
	89.34/1	DW12X46	16.9 R46
	89.34/2	DW12X46	420/80 R46
	89.49	W18X38	600/65 R38 A8
	89.53	W18X42	620/70 R42
	89.69	W18X38	600/65 R38 A8
	89.71	W18X42	580/70 R42
	89.74	W18X38	600/65 R38 A8
	89.75	W18X38	520/70 R38 A8
	89.76	W15X38	480/70 R38 A8
	89.78	W15X38	520/70 R38 A8
	89.79	DW15LX38	520/70 R38 A8
	89.79/1	W15X38	520/70 R38 A8
	89.83	W16LX38	520/70 R38 A8
	89.84	W18X38	560/70 R38 A8
	89.84/1	DWW18LX38	DW18LX38 580/70 R38 A8
	89.85	W18X42	650/65 R42
	89.86	W18X38	650/65 R38 A8
	89.88	DW23X38	710/70 R38
	89.89	W18X42	580/70 R42
	89.97	W18X42	650/65 R42
	89.98	W18X38	650/65 R38
	89.99	W23X38	710/70 R38

TM190 TRACTOR (6/02-) - Wheels/Tracks

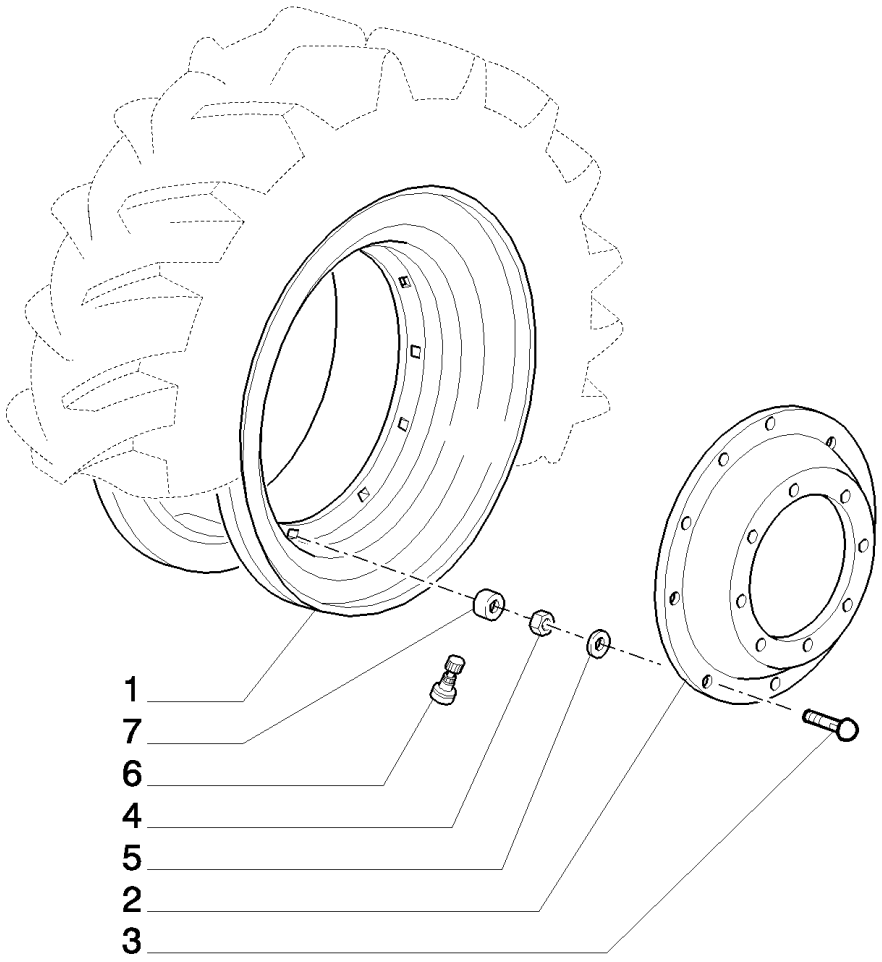
81.00(02) 2WD FRONT WHEELS

Ref	Part Number	Qty	Description
1	82029043	2	WHEEL, W8L x 16, 8 Stud
1	82029046	2	RIM, W11 x 16,1
2	85700224	2	VALVE STEM,

82.00(04) 4WD DRIVING WHEELS



EQUIP.	TIRE SIZE	RIM
82.53	16.9 R28 R1	W15X28
82.55/3	16.9/28 A8	W15X28
82.55/4	16.9/28 8PR R1	W15X28
82.55/5	16.9/28 R1	W15X28
82.55/6	16.9 R28 (420/85 R28)	W15X28
88.13/1	480/70 R28 A8	W15X28
88.15	480/65 R28 A8	W15X28
88.68	540/65 R28 A8	W15X28



Equip. 82.53, 82.55/6 Only For TM120, TM130, TM140

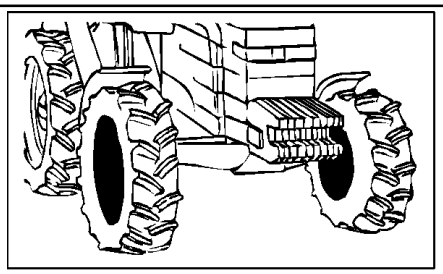
TM190 TRACTOR (6/02-) - Wheels/Tracks

82.00(04) 4WD DRIVING WHEELS

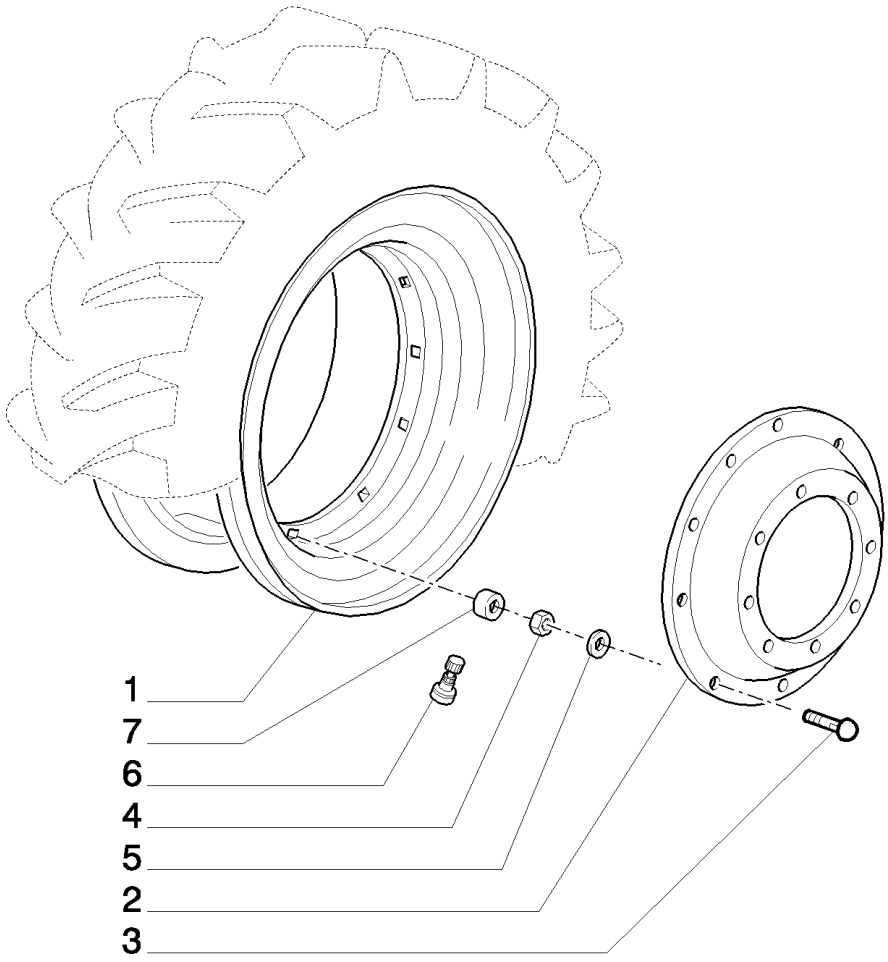
Ref	Part Number	Qty	Description
1	82031124	2	RIM, W15X28
2	82031106	2	DISC, WHEEL,
3	82022305	24	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	24	NUT, M16 x 1.5, Cl 10,
5	82011967	24	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	24	SPACER,

Equip. 82.53, 82.55/6 Only For TM120, TM130, TM140

82.00(05) 4WD DRIVING WHEELS



EQUIP.	TIRE SIZE	RIM
82.58	14.9 R30 A8	W13X30
82.58/1	14.9 R30 R1	W13X30
82.58/2	14.9 R30 (380/85 R30)	W13X30



Equip. 82.58/2 Only For TM120, TM130, TM140

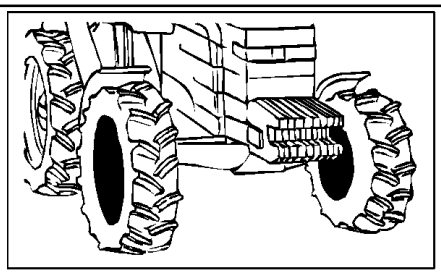
TM190 TRACTOR (6/02-) - Wheels/Tracks

82.00(05) 4WD DRIVING WHEELS

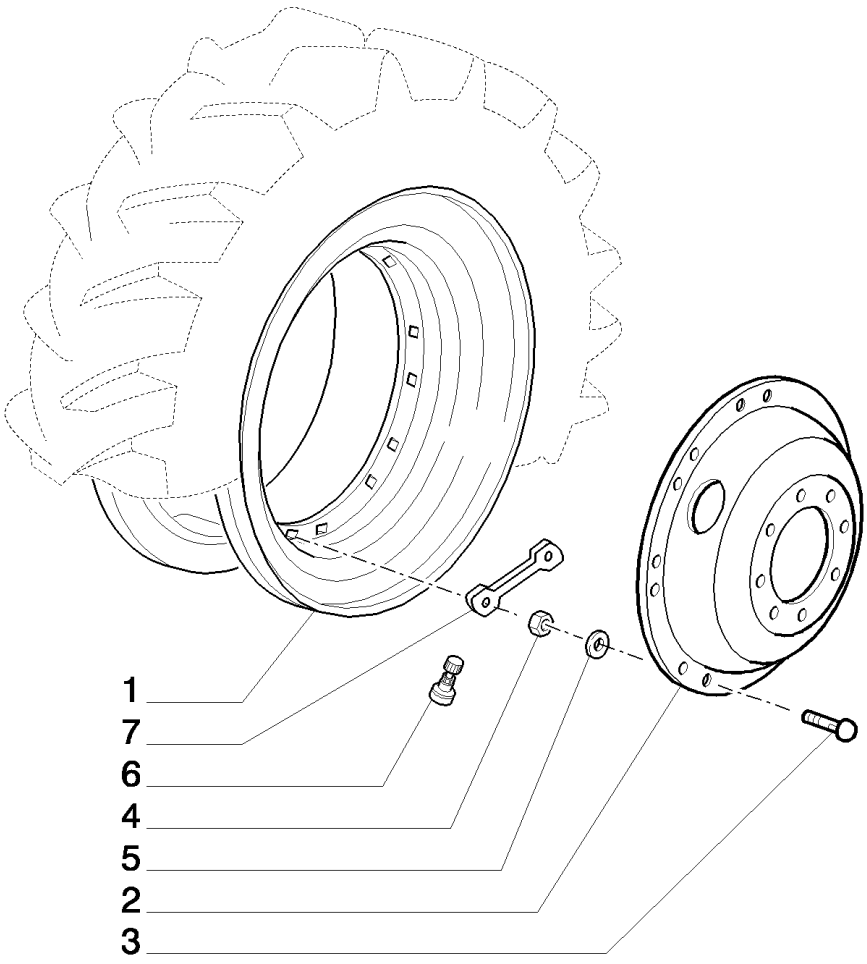
Ref	Part Number	Qty	Description
1	82031128	2	RIM, W13X30
2	82031106	2	DISC, WHEEL,
3	82022305	24	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	24	NUT, M16 x 1.5, Cl 10,
5	82011967	24	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	24	SPACER,

Equip. 82.58/2 Only For TM120, TM130, TM140

82.00(07) 4WD DRIVING WHEELS



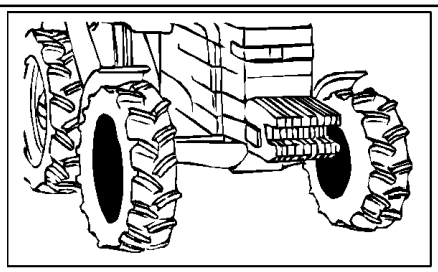
EQUIP.	TIRE SIZE	RIM
82.95	320/85 R38 R1W	W10X38
82.95/1	320/85 R38	W10X38



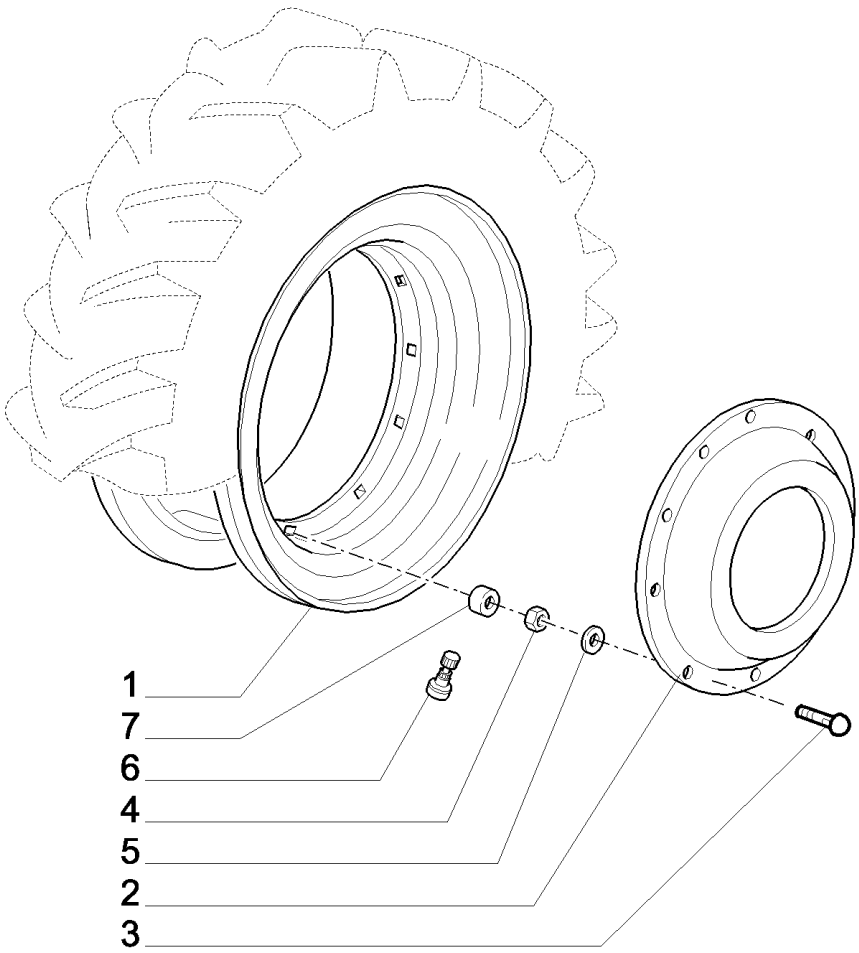
TM190 TRACTOR (6/02-) - Wheels/Tracks

82.00(07) 4WD DRIVING WHEELS

Ref	Part Number	Qty	Description
1	82031120	2	RIM, TM120, TM130, TM140, 16 Lug, 8 Stud
1	82018746	2	RIM, TM155, TM175, TM190, 16 Lug, 8 Stud
1	82031134	2	W10x38, Equip. 82.95/1 Only For TM120, TM130, TM140
2	82031104	2	DISC, WHEEL, TM120, TM130, TM140, 290mm center hole
2	82018752	2	DISC, WHEEL, TM155, TM175, TM190, 362.5mm center hole
2	82031136	2	DISC, WHEEL, , Equip. 82.95/1 Only For TM120, TM130, TM140
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9, TM120, TM130, TM140, Equip. 82.95/1 Only For TM120, TM130, TM140
3	82018741	32	BOLT, SPECIAL, TM155, TM175, TM190
4	12164121	32	NUT, M16 x 1.5, Cl 10, TM120, TM130, TM140, Equip. 82.95/1 Only For TM120, TM130, TM140
4	82018747	32	NUT, M16X1,5, TM155, TM175, TM190
5	82011967	32	WASHER, TM120, TM130, TM140, Equip. 82.95/1 Only For TM120, TM130, TM140
5	82018751	32	WASHER, TM155, TM175, TM190
6	85700224	2	VALVE STEM,
7	82031069	16	SPACER, TM120, TM130, TM140, Equip. 82.95/1 Only For TM120, TM130, TM140
7	82018743	16	SPACER, TM155, TM175, TM190



EQUIP.	TIRE SIZE	RIM
82.74	16.9 R30 420/85 R30 A8	W15X30
88.57	540/65 R30	W15X30



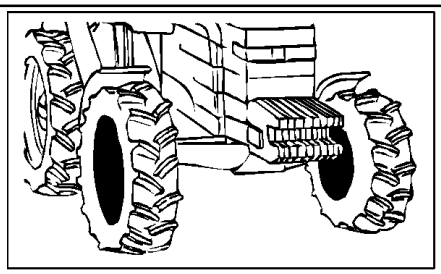
TM190 TRACTOR (6/02-) - Wheels/Tracks

82.00(08) 4WD DRIVING WHEELS

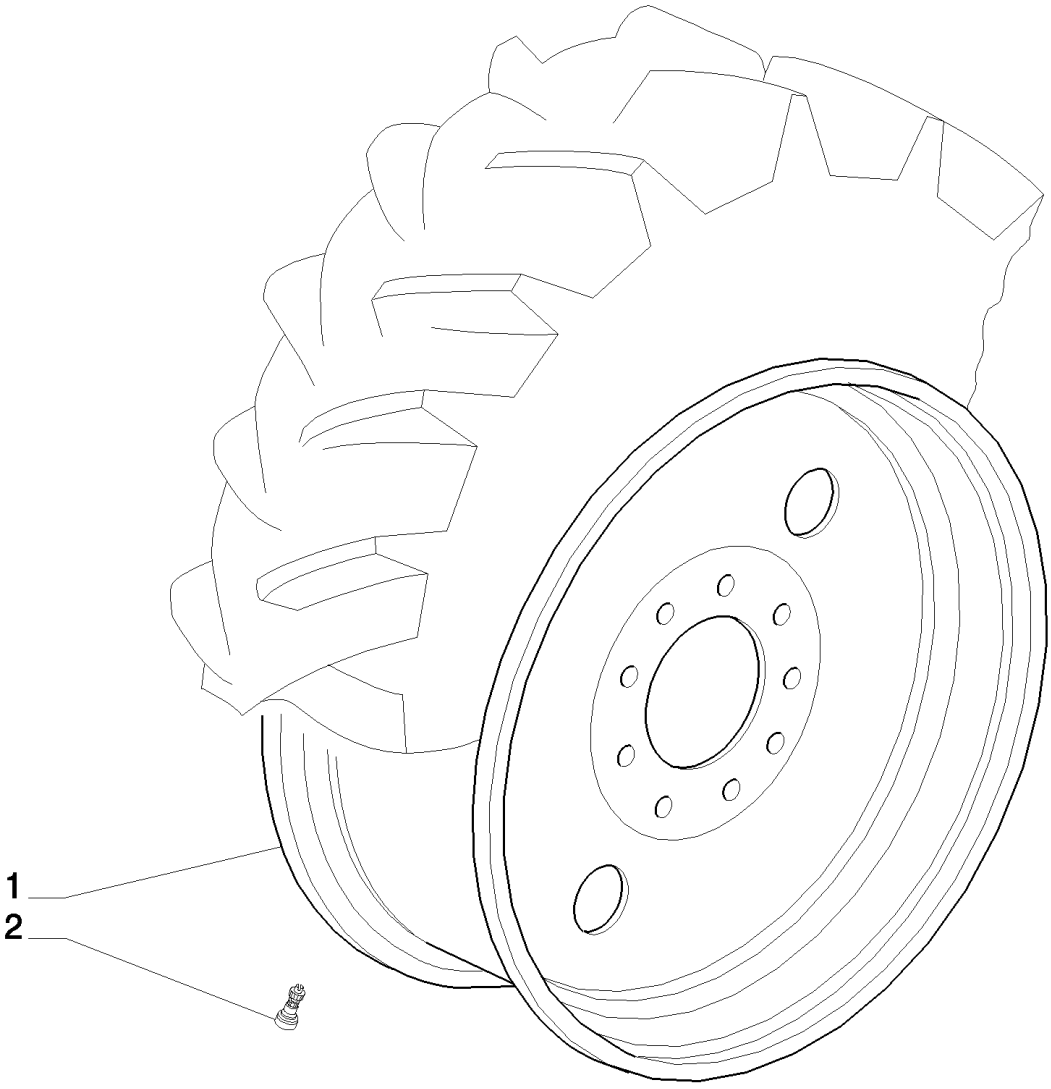
Ref	Part Number	Qty	Description
1	82031130	2	RIM, , -C5449
1	87537794	2	RIM, , D5449-
2	82031106	2	DISC, WHEEL,
3	82022305	24	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	24	NUT, M16 x 1.5, Cl 10,
5	82011967	24	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	24	SPACER,

D5449 After Date 06 June 2006

82.00(12) 4WD DRIVING WHEELS



EQUIP.	TIRE SIZE	RIM
88.33	480/70 R28	W15X28
88.58	540/65 R28	W15X28

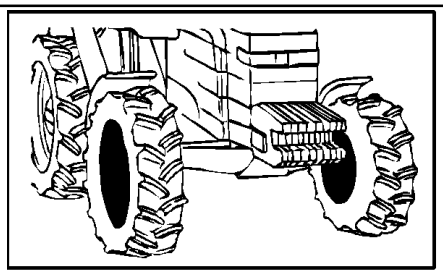


TM190 TRACTOR (6/02-) - Wheels/Tracks

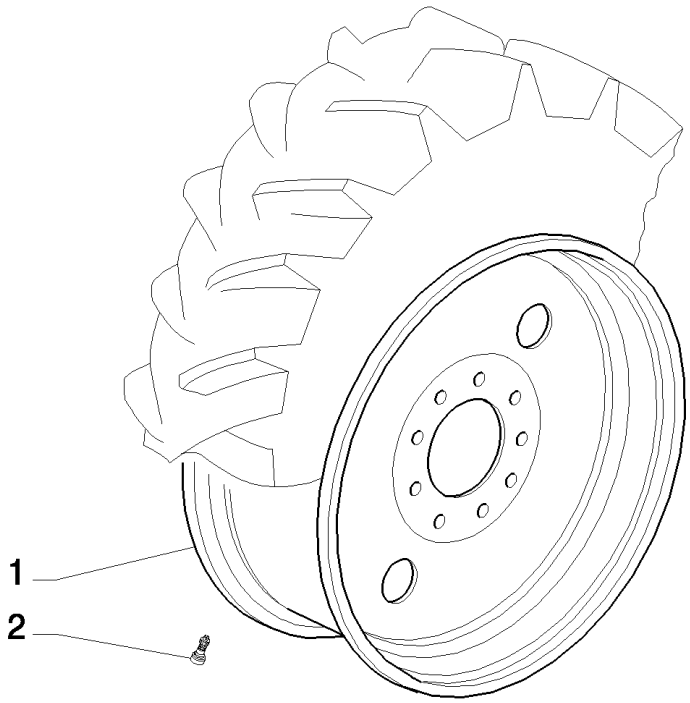
82.00(12) 4WD DRIVING WHEELS

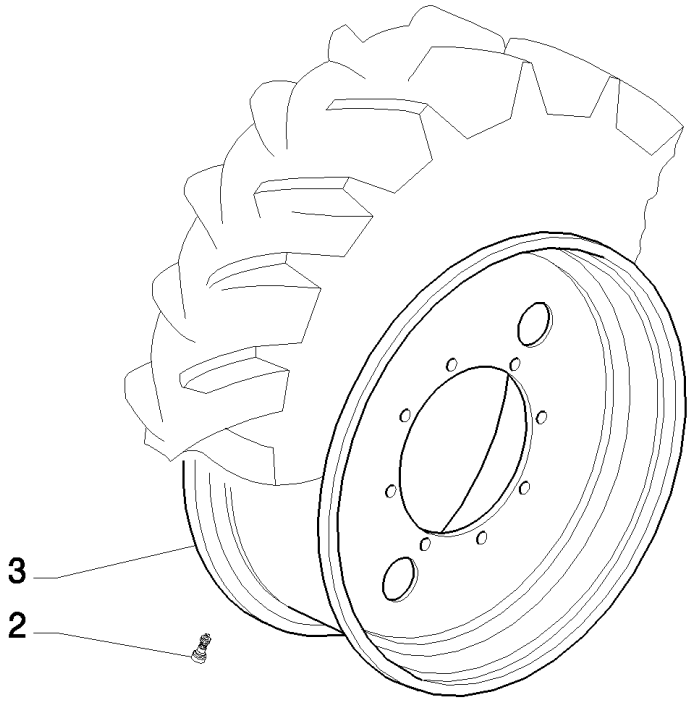
Ref	Part Number	Qty	Description
1	82018721	2	WHEEL, TM155
1	82018719	2	WHEEL, TM140
1	82024636	2	RIM, TM175, TM190
2	85700224	2	VALVE STEM,

82.00(13) 4WD DRIVING WHEELS



EQUIP.	TIRE SIZE	RIM
88.69	540/65 R30	W15X30





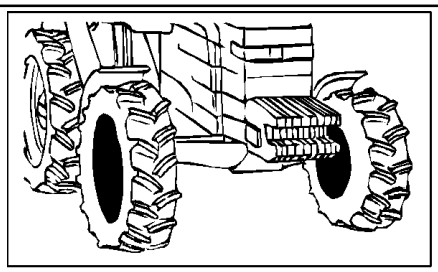
TM190 TRACTOR (6/02-) - Wheels/Tracks

82.00(13) 4WD DRIVING WHEELS

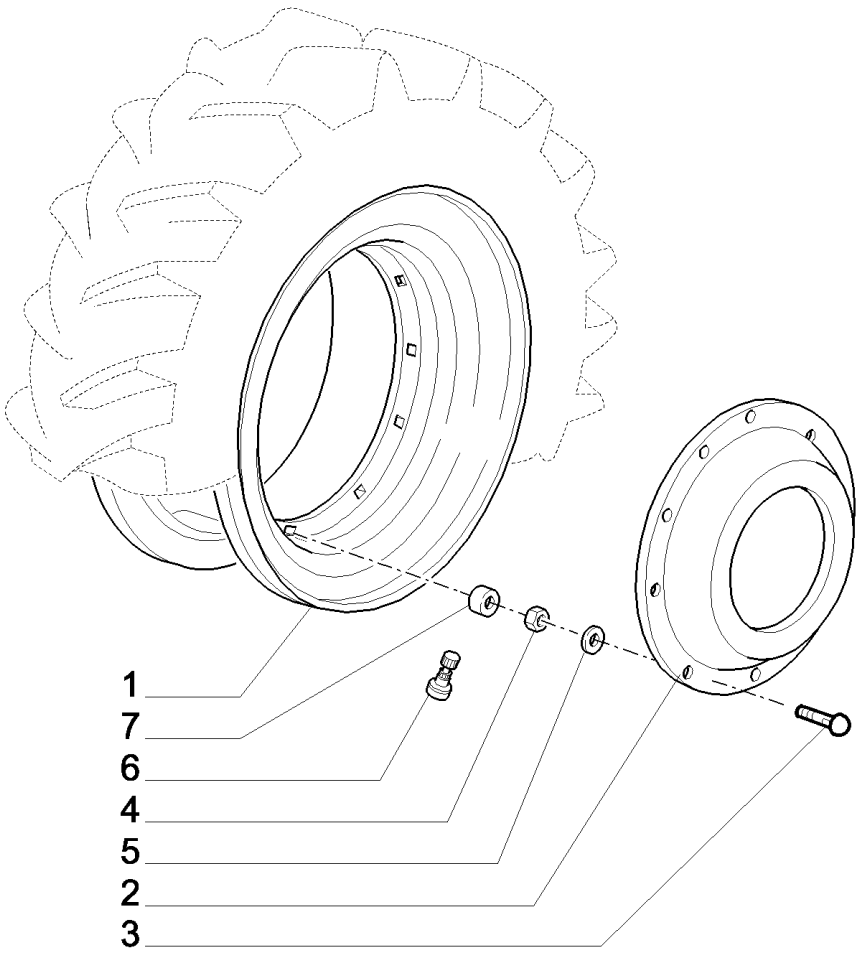
Ref	Part Number	Qty	Description
1	82024641	2	RIM, , -C5449
2	85700224	2	VALVE STEM,
3	87537832	2	RIM, DW15L x 30, D5449-

D5449 After Date 06 June 2006

82.00(14) 4WD DRIVING WHEELS



EQUIP.	TIRE SIZE	RIM
88.75	600/65 R28 A8	W18X28

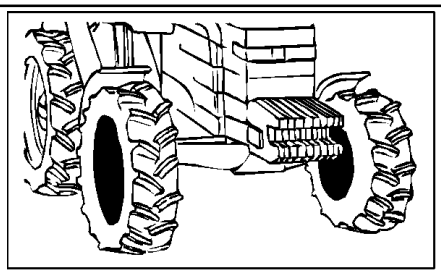


TM190 TRACTOR (6/02-) - Wheels/Tracks

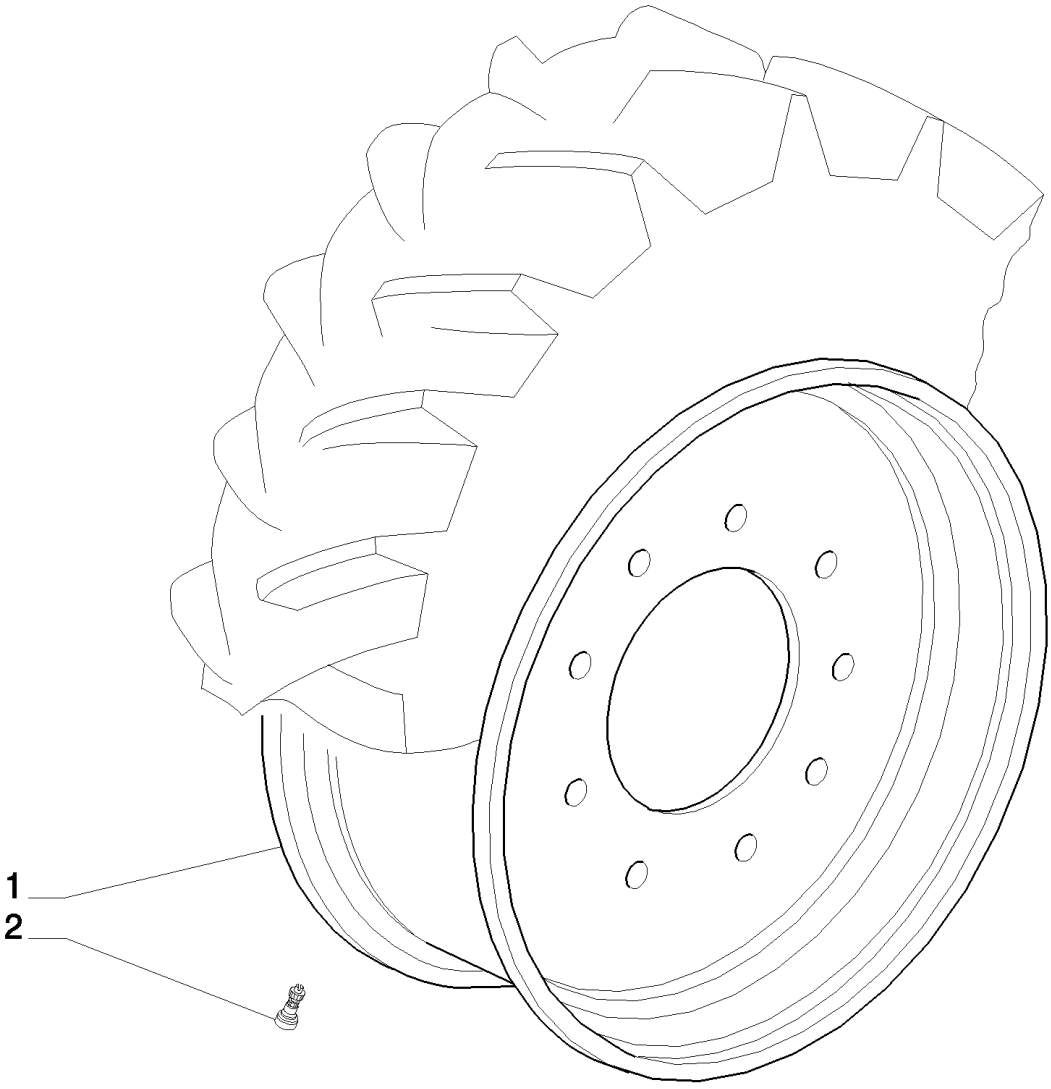
82.00(14) 4WD DRIVING WHEELS

Ref	Part Number	Qty	Description
1	82031126	2	RIM,
2	82031106	2	DISC, WHEEL,
3	82022305	24	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	24	NUT, M16 x 1.5, Cl 10,
5	82011967	24	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	24	SPACER,

82.00(15) 4WD DRIVING WHEELS



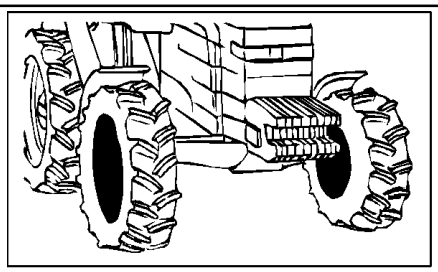
EQUIP.	TIRE SIZE	RIM
88.77	600/65 R28	W20AX28



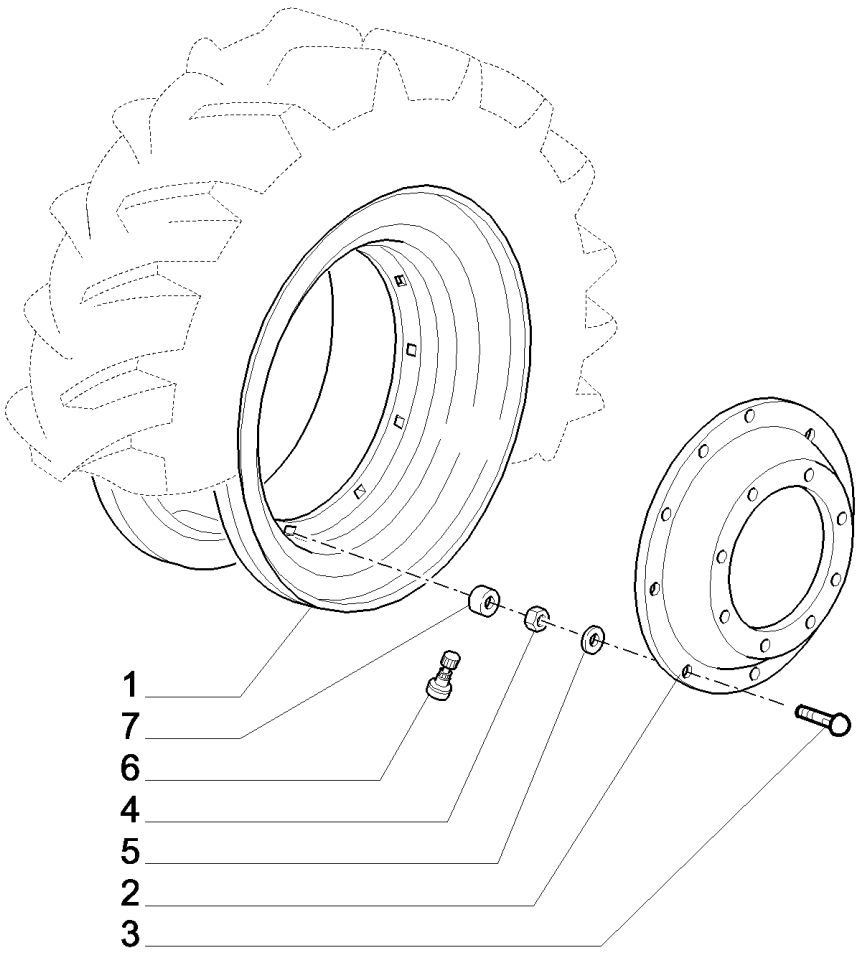
82.00(15) 4WD DRIVING WHEELS

Ref	Part Number	Qty	Description
1	82024638	2	RIM,
2	85700224	2	VALVE STEM,

82.00(16) 4WD DRIVING WHEELS



EQUIP.	TIRE SIZE	RIM
82.85	14.9 R34R1	W13x34

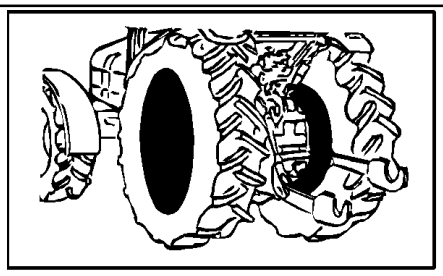


TM190 TRACTOR (6/02-) - Wheels/Tracks

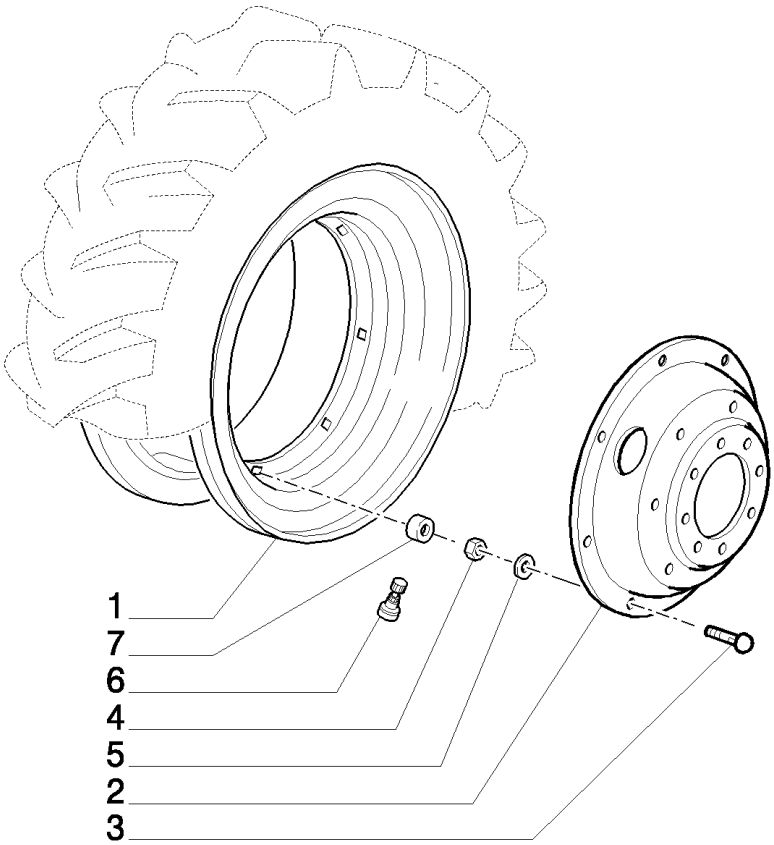
82.00(16) 4WD DRIVING WHEELS

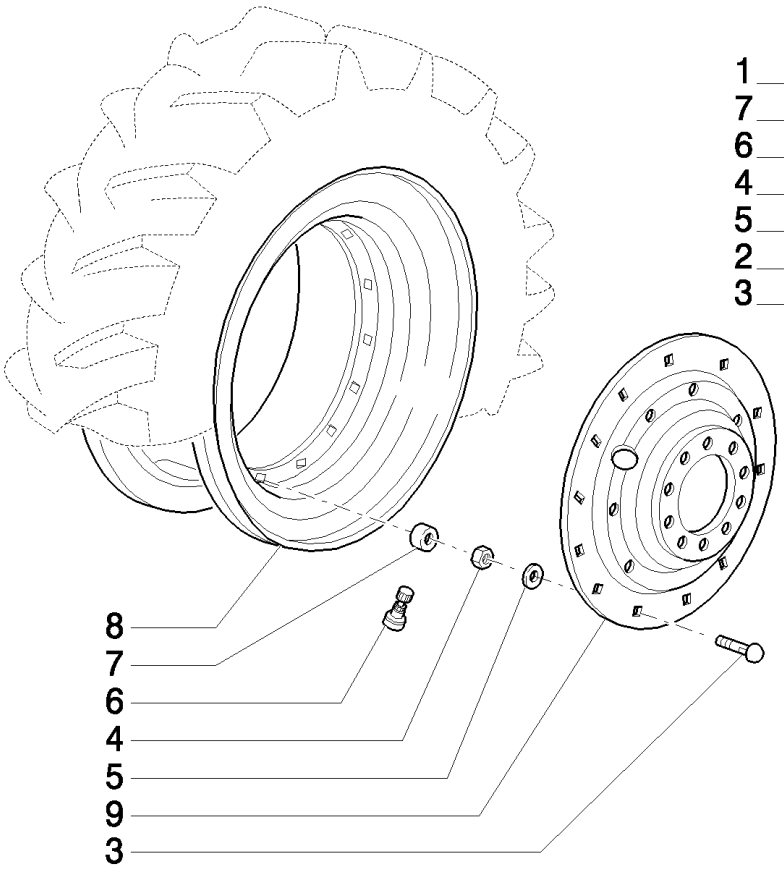
Ref	Part Number	Qty	Description
1	82031108	2	DISC, WHEEL,
2	82031132	2	RIM,
3	82022305	12	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164124	12	NUT, M16 x 1.5, Cl 8,
5	82011967	12	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	12	SPACER,

83.00(07) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
83.80	20.8 R38 (520/85 R38) A8	W18X38
83.80/1	20.8 38 10PR	W18X38
83.80/2	20.8 R38	W18X38
84.80	20.8 R38	W18X38
84.80/1	20.8 R38 (520/85 R38) A8	W18X38
85.80	20.8 R38 R2	W18X38
89.69	600/65 R38 A8	W18X38
89.84	580/70 R38 A8	W18X38
89.86	650/65 R38 A8	W18X38



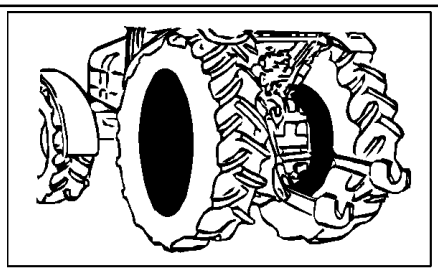


TM190 TRACTOR (6/02-) - Wheels/Tracks

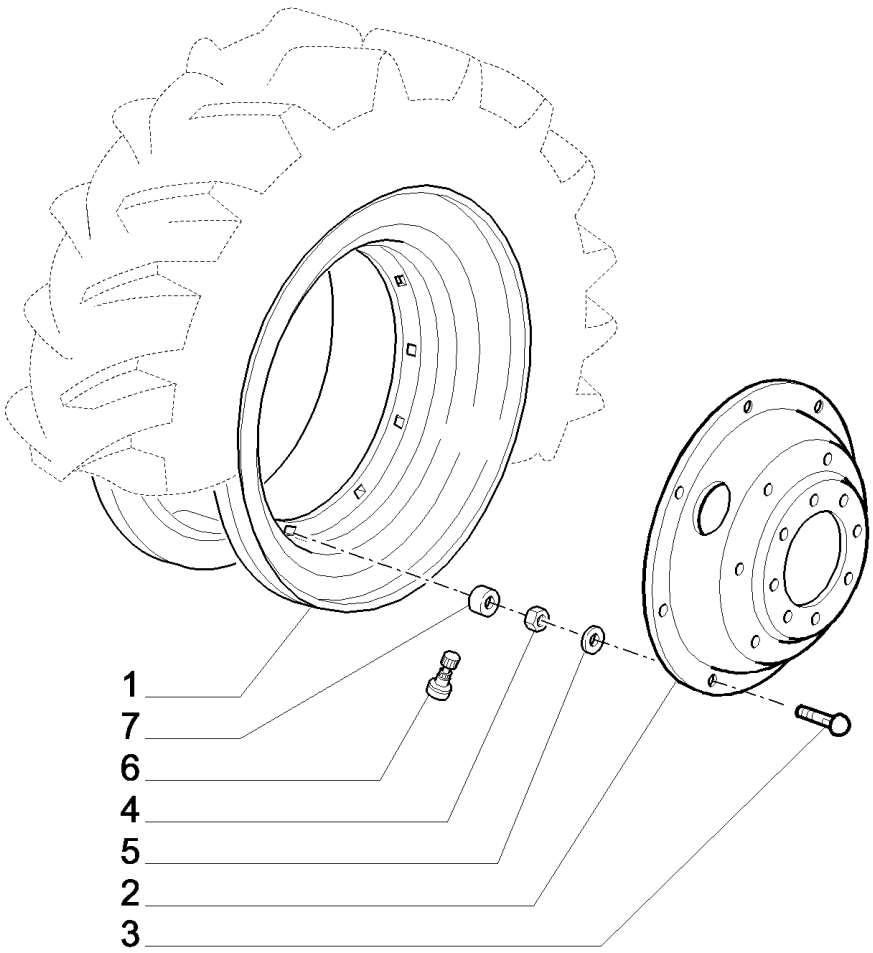
83.00(07) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031158	2	RIM, W18 x 38, 179.8mm offset
2	82031194	2	DISC, WHEEL,
3	82031138	32	SCREW,
4	12164124	32	NUT, M16 x 1.5, Cl 8,
5	82011967	16	WASHER,
6	87323751	2	VALVE STEM,
7	82031090	24	SPACER,
8	82031180	2	RIM, W18x38, only For TM175, TM190 W/Equip 89.84
9	82031204	2	DISC, WHEEL, , only For TM175, TM190 W/Equip 89.84

83.00(08) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
83.70	14.9 R46	W12X46
84.70	14.9 R46	W12X46

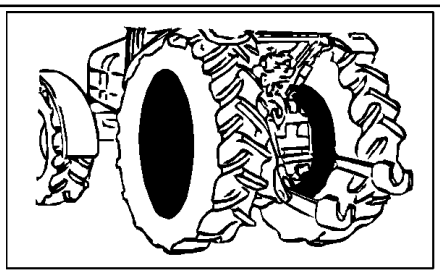


TM190 TRACTOR (6/02-) - Wheels/Tracks

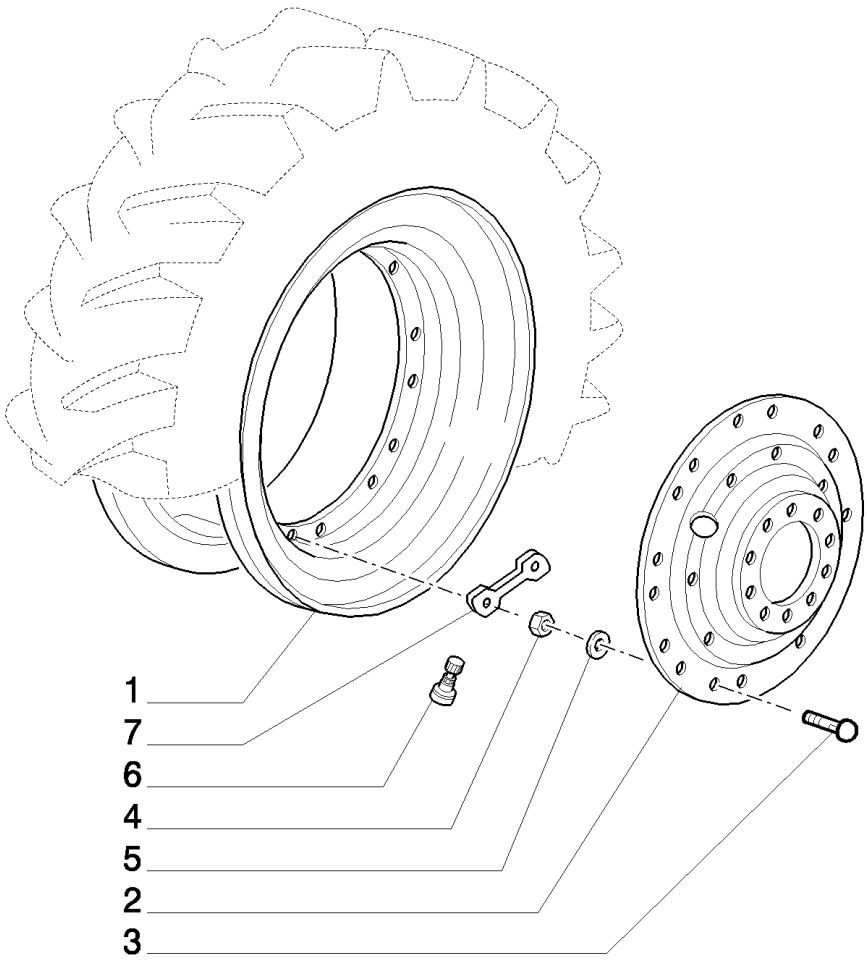
83.00(08) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031176	2	RIM, W12 x 46
2	82031204	2	DISC, WHEEL, 10 Holes
3	82022305	16	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	16	NUT, M16 x 1.5, Cl 10,
5	82011967	16	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	16	SPACER,

83.00(09) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
83.44	320/90 R54 R1W	W10X54

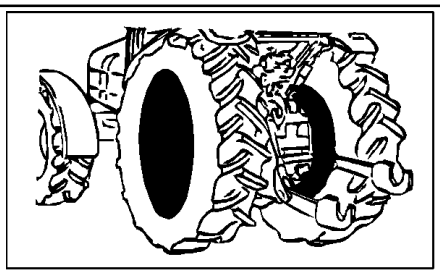


TM190 TRACTOR (6/02-) - Wheels/Tracks

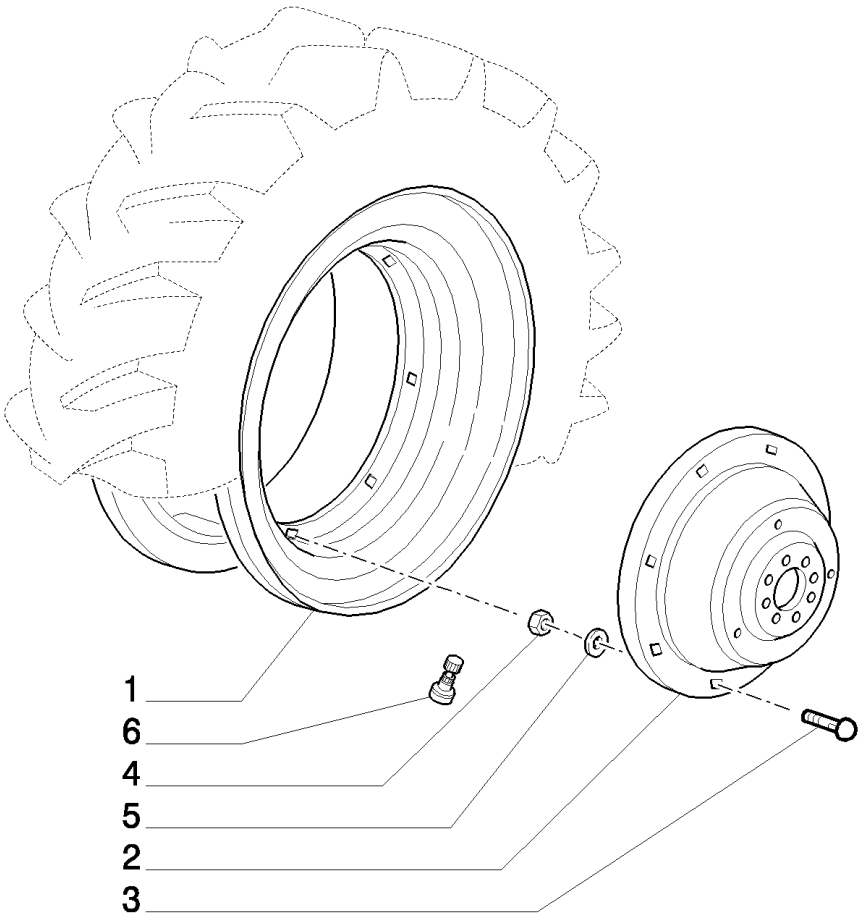
83.00(09) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031178	2	RIM,
2	82031202	2	DISC, WHEEL,
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164124	32	NUT, M16 x 1.5, Cl 8,
5	82011967	32	WASHER,
6	85700224	2	VALVE STEM,
7	82018745	32	SPACER,

83.00(11) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
83.33	20.8 R38	W18X38
83.33/1	20.8 R38	W18X38
83.33/2	20.8 38 10PR	W18X38
84.24	20.8 R38	W18X38

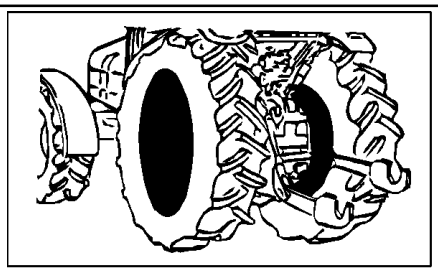


TM190 TRACTOR (6/02-) - Wheels/Tracks

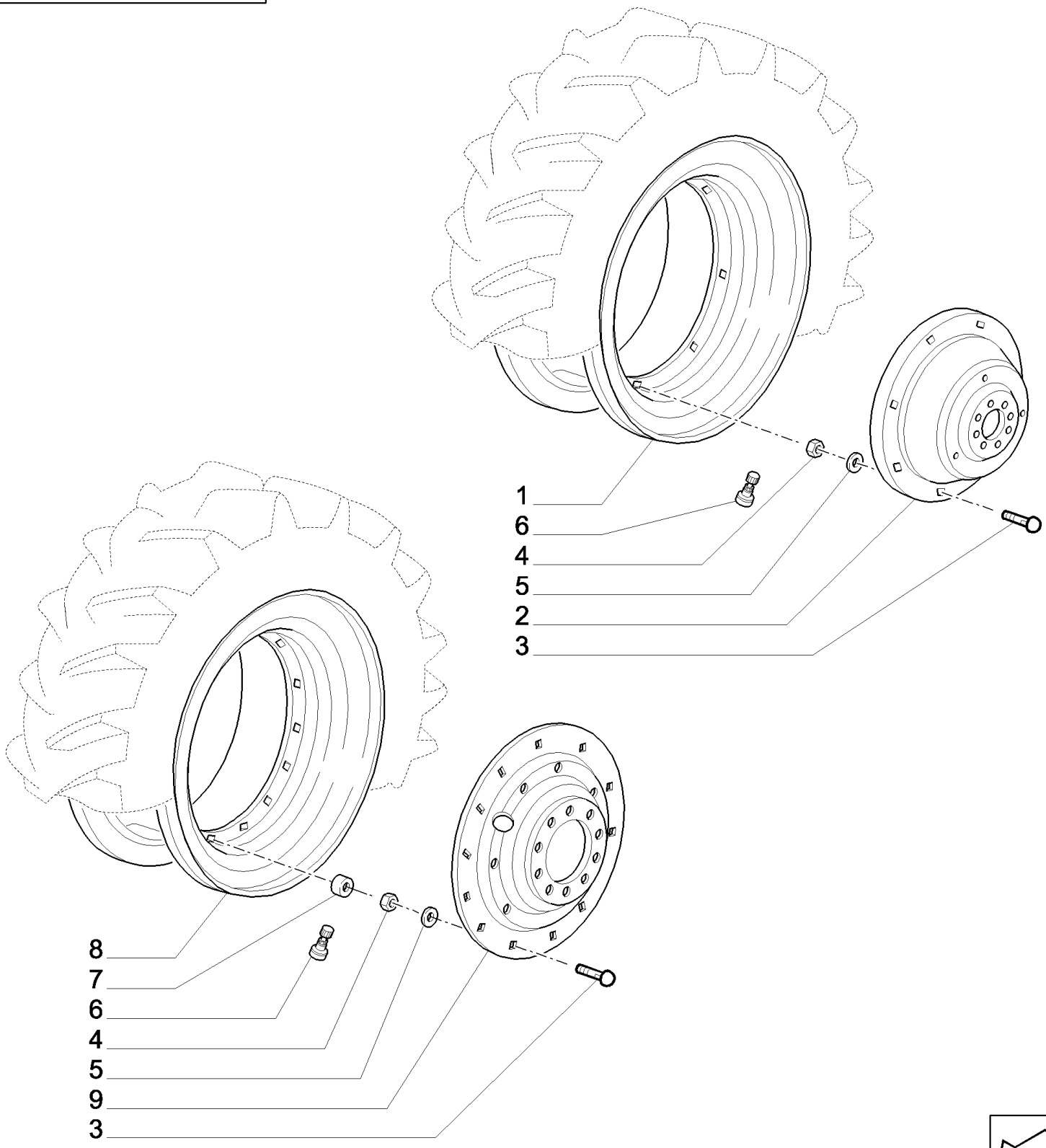
83.00(11) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031166	2	RIM, W18 x 38, 134.3mm offset
2	5198657	2	DISC, WHEEL,
3	82031138	16	SCREW, Sg. Hd., Cl 10.9, M16 x 74
4	12164121	16	NUT, M16 x 1.5, Cl 10,
5	82011967	16	WASHER,
6	85700224	2	VALVE STEM,

83.00(12) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
84.80	20.8 R38	W18X38

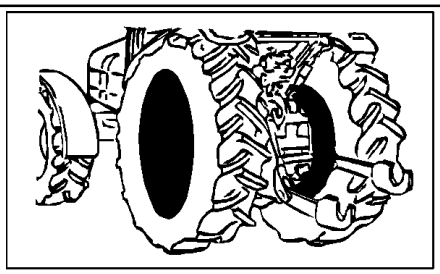


TM190 TRACTOR (6/02-) - Wheels/Tracks

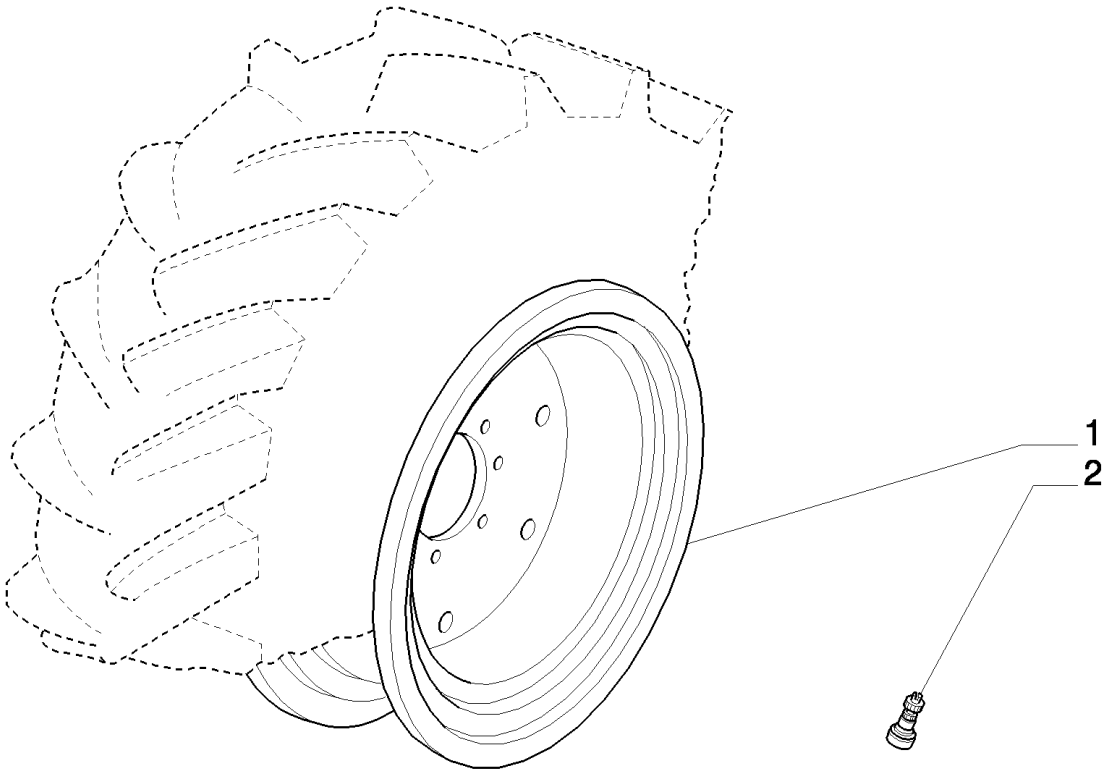
83.00(12) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031166	2	RIM, W18 x 38, 134.3mm offset
2	5198657	2	DISC, WHEEL, Cast
3	82031138	16	SCREW, Sg. Hd., Cl 10.9, M16 x 74
4	12164121	16	NUT, M16 x 1.5, Cl 10,
5	82011967	16	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	32	SPACER,
8	82031180	2	RIM, W18 x 38, 16 Lug, 10 Stud
9	82031204	2	DISC, WHEEL, Pressed, 10 Holes

83.00(13) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
83.90	18.4 R42	W15X42

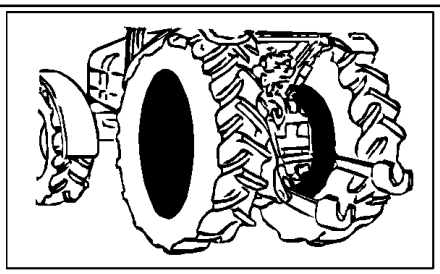


TM190 TRACTOR (6/02-) - Wheels/Tracks

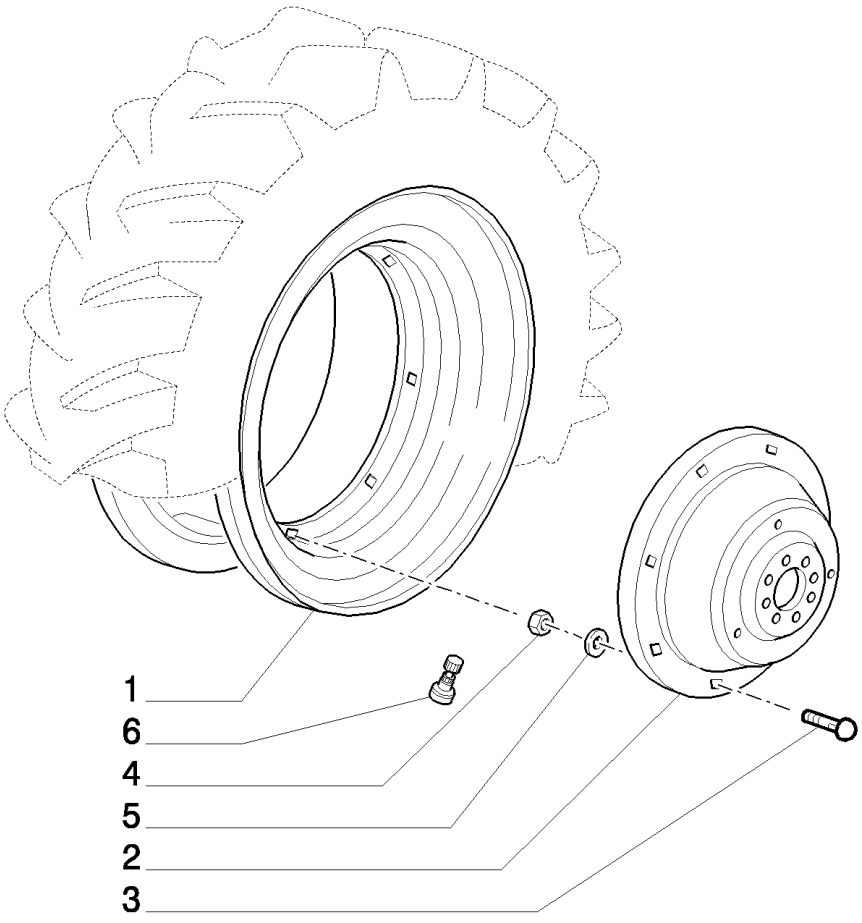
83.00(13) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82030684	2	RIM, W15 x 42
2	85700224	2	VALVE STEM,

83.00(15) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
89.88	710/70 R38	DW23X38

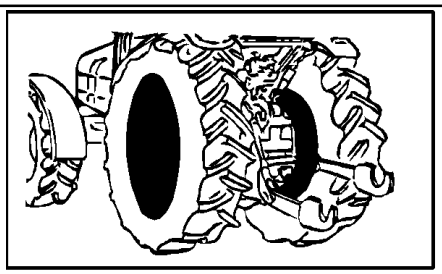


TM190 TRACTOR (6/02-) - Wheels/Tracks

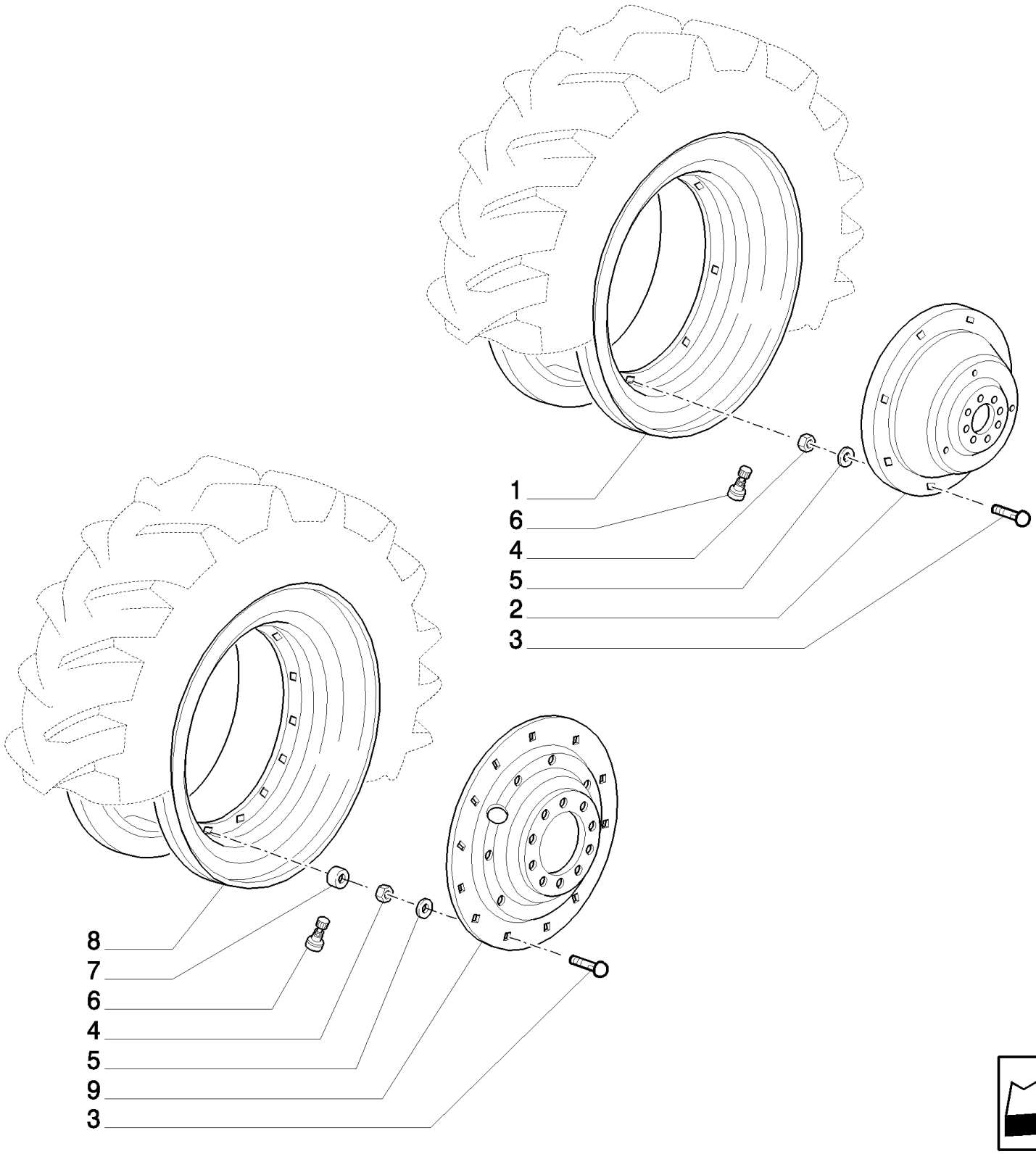
83.00(15) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031170	2	RIM, DW23 x 38
2	5198657	2	DISC, WHEEL,
3	82031138	16	SCREW, Sg. Hd., Cl 10.9, M16 x 74
4	12164121	16	NUT, M16 x 1.5, Cl 10,
5	82011967	16	WASHER,
6	85700224	2	VALVE STEM,

83.00(16) DRIVE WHEELS



EQUIP.	TYRE SIZE	RIM
83.84	18.4 R42 R1	W15X42
83.88/1	18.4 R42	W15X42
83.90	18.4 R42	W15X42
84.88	18.4 R42	W15X42
84.91	18.4 R42	W15X42

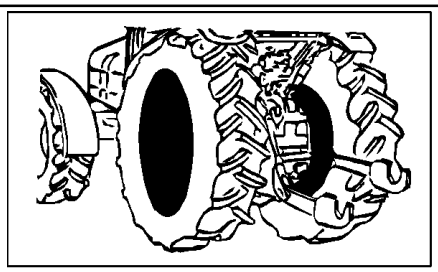


TM190 TRACTOR (6/02-) - Wheels/Tracks

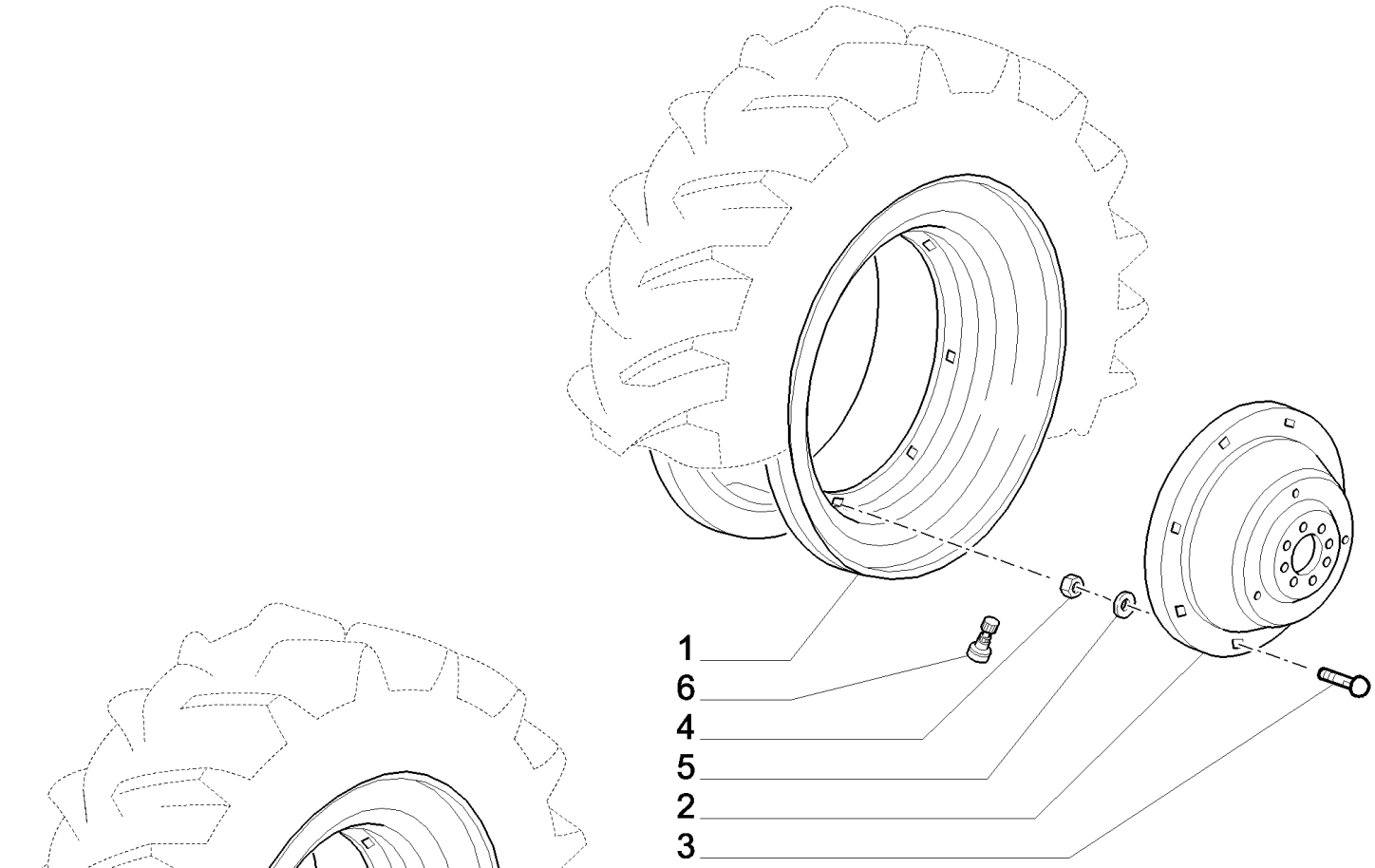
83.00(16) DRIVE WHEELS

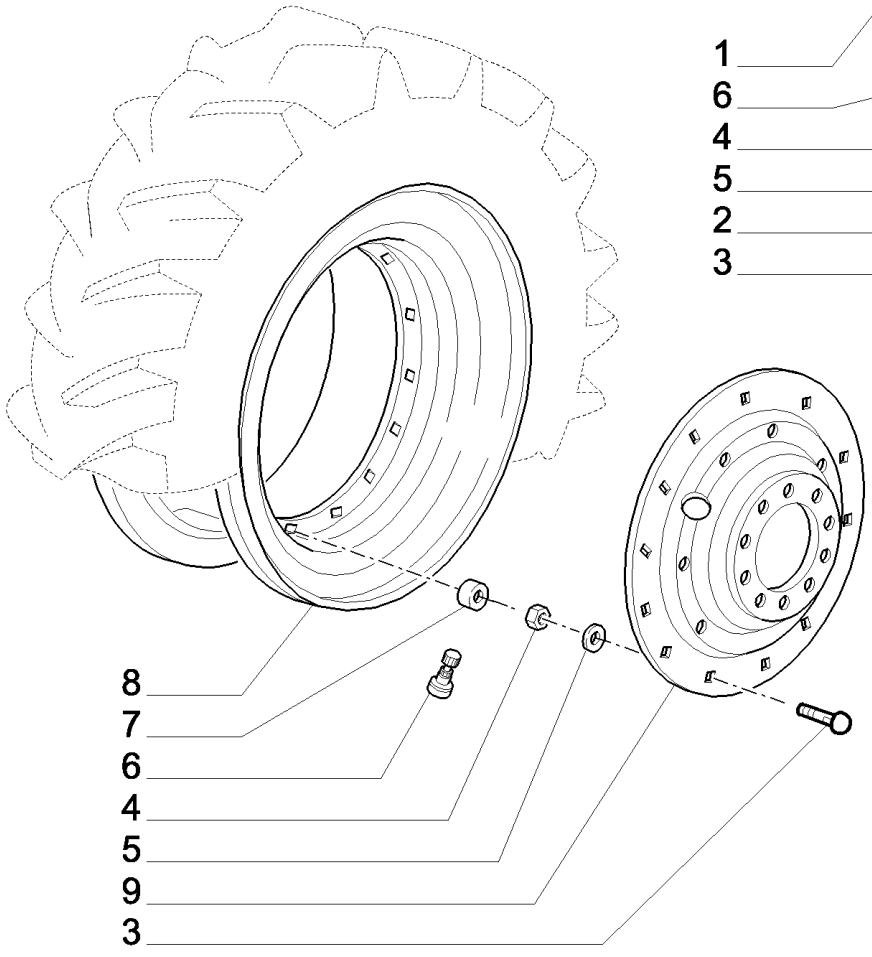
Ref	Part Number	Qty	Description
1	82031172	2	RIM, W15 x 42, 8 Lug, 6 Stud
2	5198657	2	DISC, WHEEL, Cast
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9,
3	82031138	16	SCREW, Sg. Hd., Cl 10.9, M16 x 74
4	12164121	16	NUT, M16 x 1.5, Cl 10,
5	82011967	16	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	32	SPACER,
8	82031182	2	RIM, W15 x 42, 16 Lug, 10 Stud
9	82031204	2	DISC, WHEEL, Pressed, 10 Holes

83.00(17) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
83.40	20.8 R42 R1	W18X42
83.89	20.8 R42	W18X42
84.89	20.8 R42 R1	W18X42
84.95	20.8 R42	W18X42
89.89	580/70 R42	W18X42
89.97	650/65 R42	W18X42



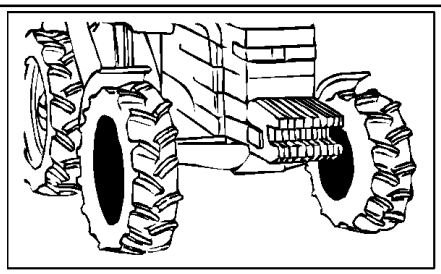


TM190 TRACTOR (6/02-) - Wheels/Tracks

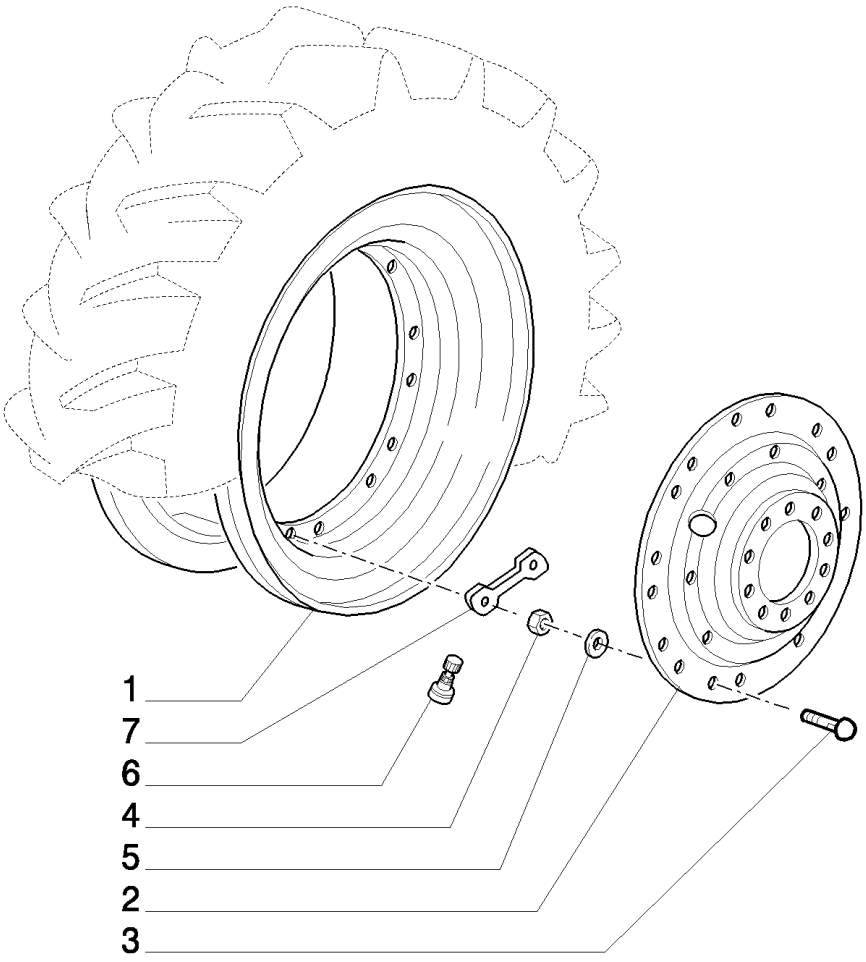
83.00(17) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031174	2	RIM, W18 x 42, 8 Lug, 6 Stud
2	5198657	2	DISC, WHEEL, Cast
3	82031138	16	SCREW, Sg. Hd., Cl 10.9, M16 x 74
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	16	NUT, M16 x 1.5, Cl 10,
5	82011967	16	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	24	SPACER,
8	82031184	2	RIM, W18 x 42, 16 Lug, 10 Stud
9	82031204	2	DISC, WHEEL, Pressed, 10 Holes

83.00(18) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
84.61	320/90 R54 R1W	W10X54

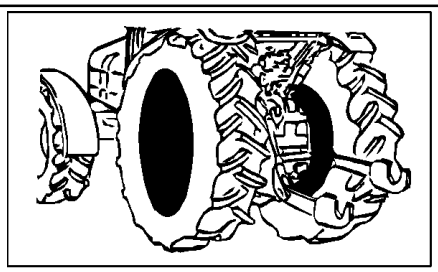


TM190 TRACTOR (6/02-) - Wheels/Tracks

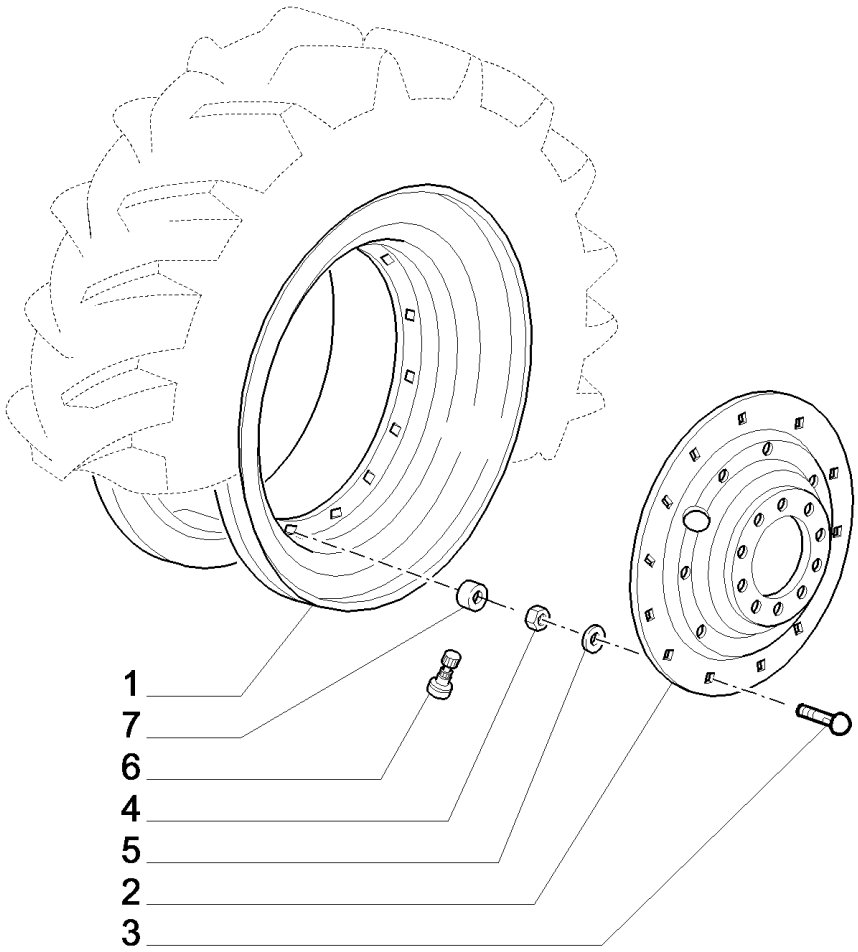
83.00(18) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031178	2	RIM, W10 x 54
2	82031202	2	DISC, WHEEL,
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	32	NUT, M16 x 1.5, Cl 10,
5	82011967	32	WASHER,
6	85700224	2	VALVE STEM,
7	82018745	16	SPACER,

83.00(19) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
83.80/2	20.8 R38	W18X38
84.80	20.8 R38	W18X38

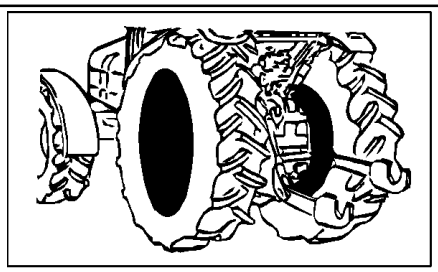


TM190 TRACTOR (6/02-) - Wheels/Tracks

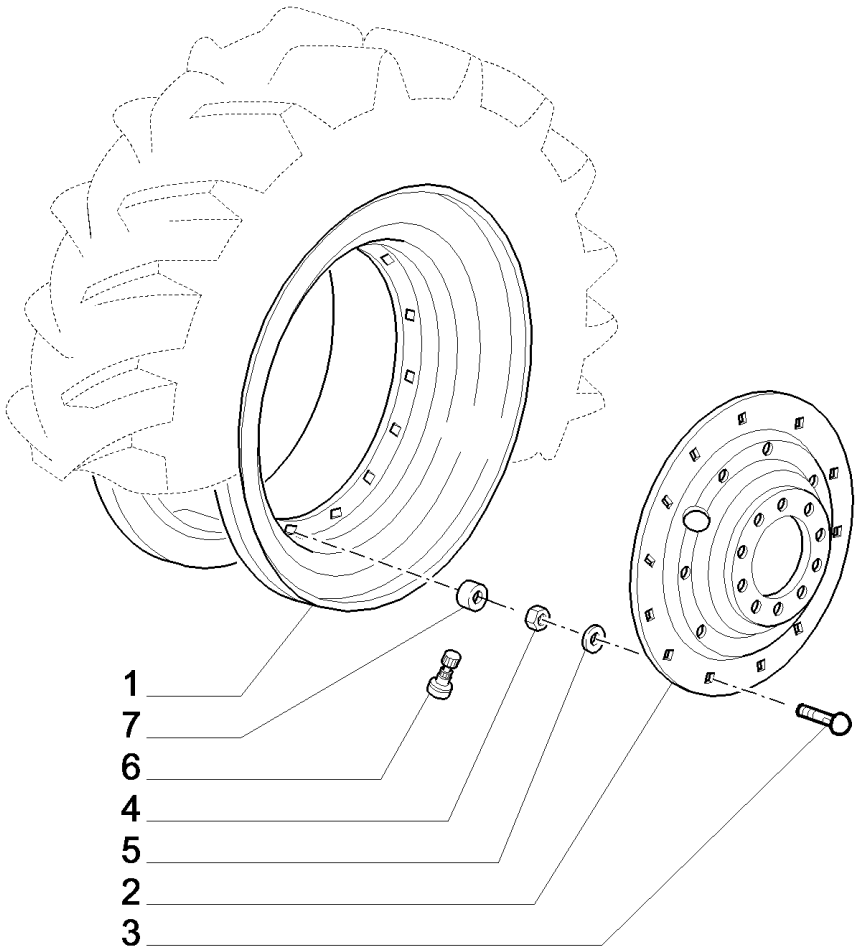
83.00(19) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031180	2	RIM, W18 x 38
2	82031204	2	DISC, WHEEL, 10 Holes
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	32	NUT, M16 x 1.5, Cl 10,
5	82011967	32	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	32	SPACER,

83.00(20) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
84.91	18.4 R42	W15X42

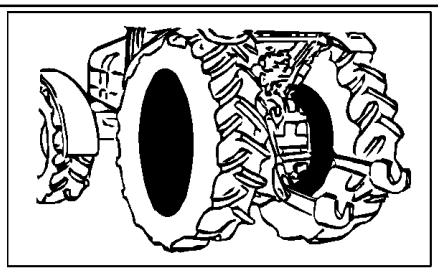


TM190 TRACTOR (6/02-) - Wheels/Tracks

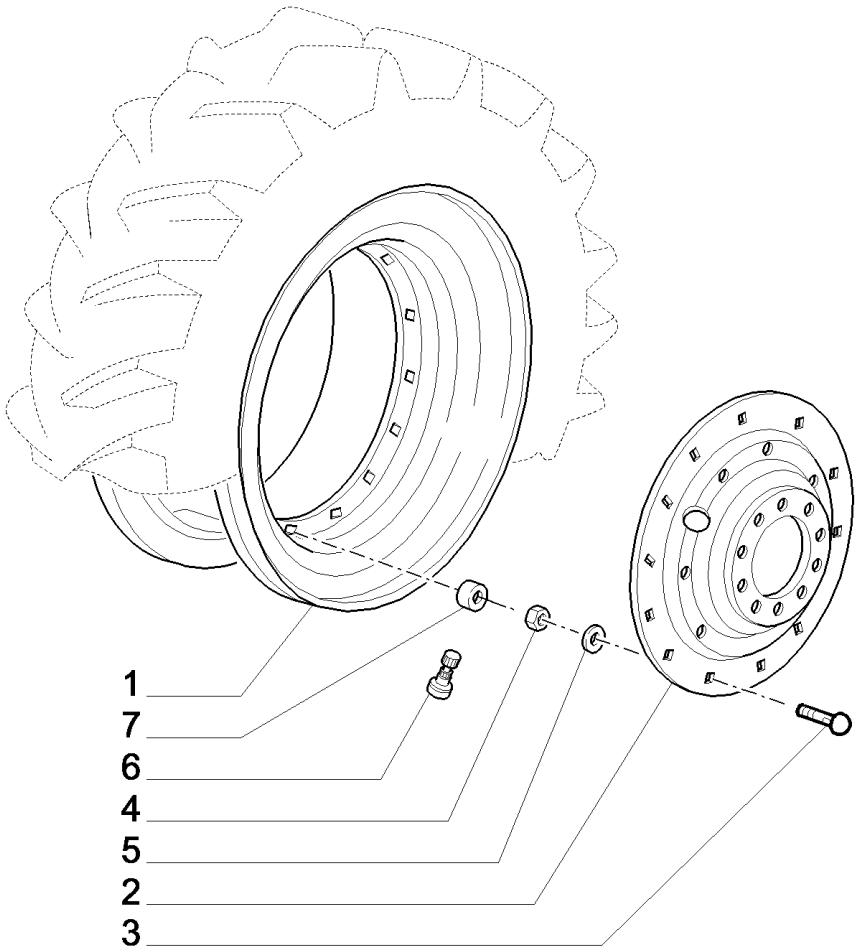
83.00(20) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031182	2	RIM, W15 x 42
2	82031204	2	DISC, WHEEL, 10 Holes
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	32	NUT, M16 x 1.5, Cl 10,
5	82011967	32	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	32	SPACER,

83.00(21) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
84.40	20.8 R42	W18X42
84.95	20.8 R42	W18X42

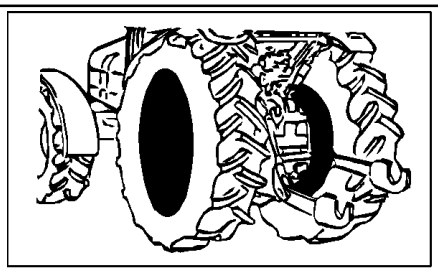


TM190 TRACTOR (6/02-) - Wheels/Tracks

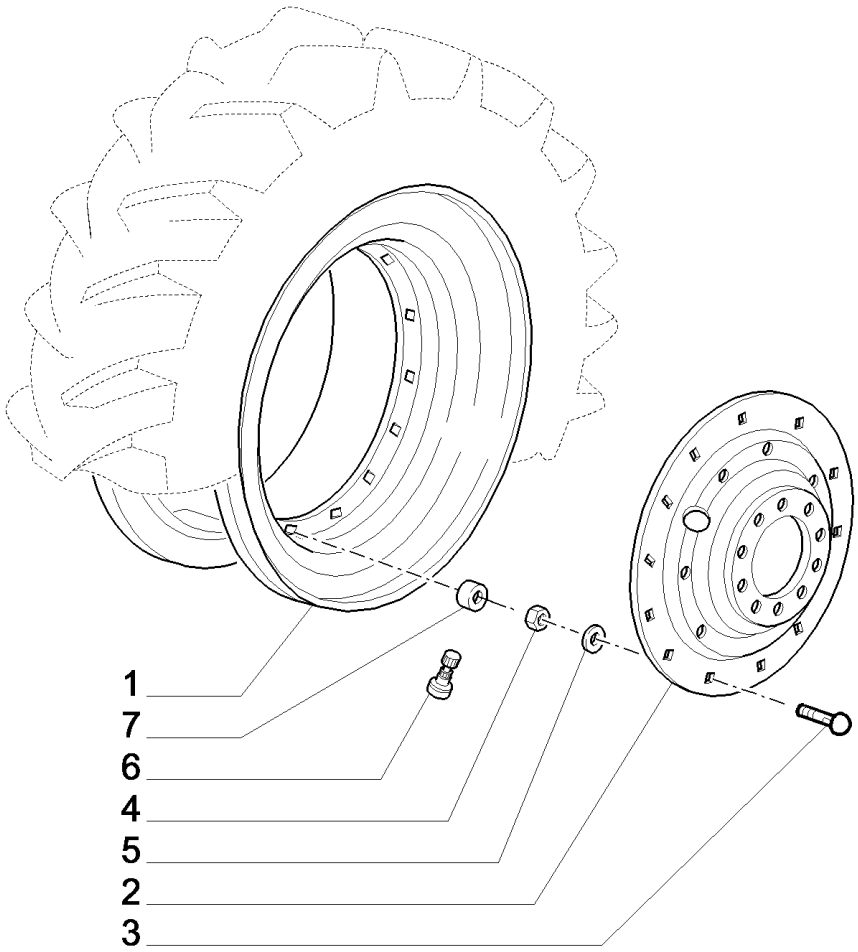
83.00(21) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031184	2	RIM, W18 x 42
2	82031204	2	DISC, WHEEL, 10 Holes
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	32	NUT, M16 x 1.5, Cl 10,
5	82011967	32	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	32	SPACER,

83.00(22) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
83.66	18.4 R46 R1W	W16X46
84.66	18.4 R46 R1W	W16X46

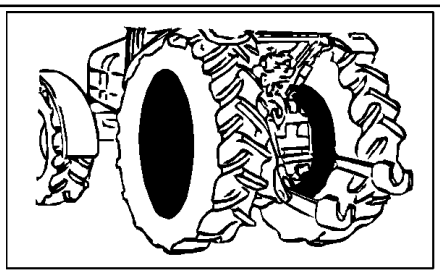


TM190 TRACTOR (6/02-) - Wheels/Tracks

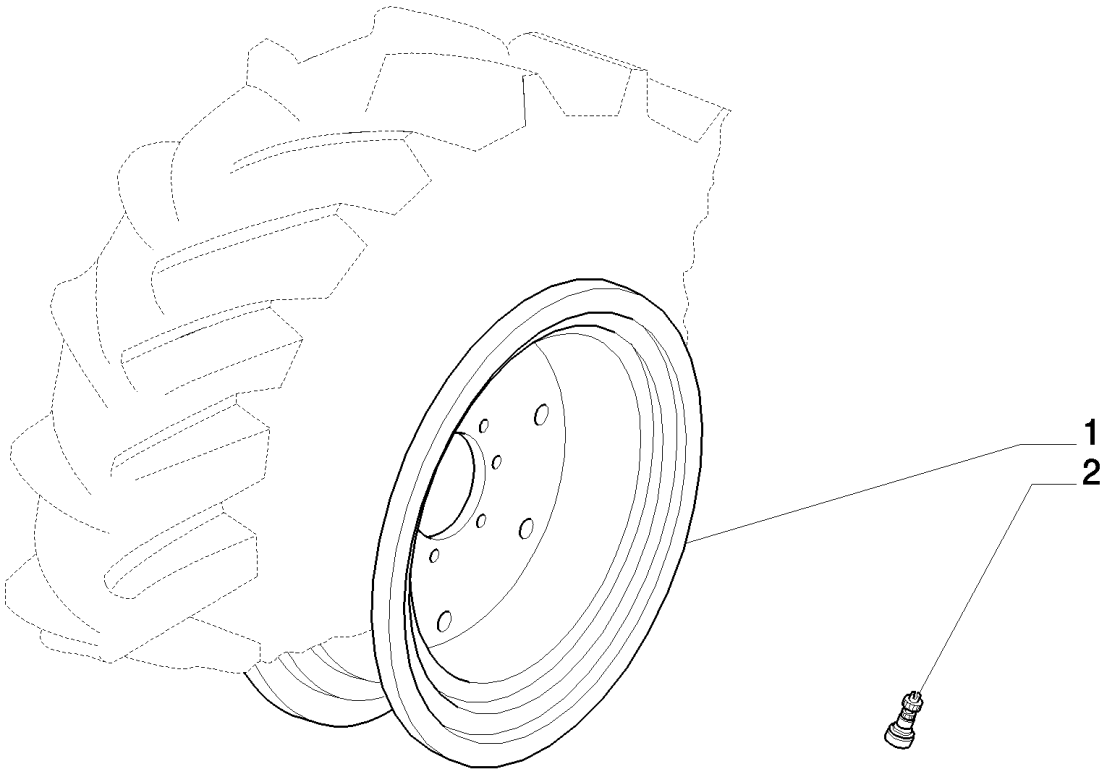
83.00(22) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82031186	2	RIM, W16 x 46
2	82031204	2	DISC, WHEEL, 10 Holes
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164121	32	NUT, M16 x 1.5, Cl 10,
5	82011967	32	WASHER,
6	85700224	2	VALVE STEM,
7	82031090	32	SPACER,

83.00(28) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
89.49	600/65 R38 A8	W18X38
89.75	520/70 R38 A8	W18X38

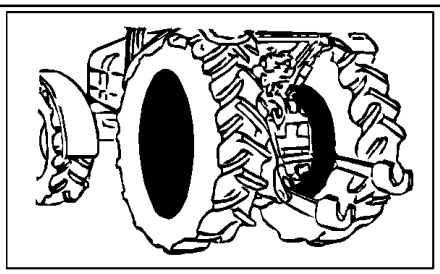


TM190 TRACTOR (6/02-) - Wheels/Tracks

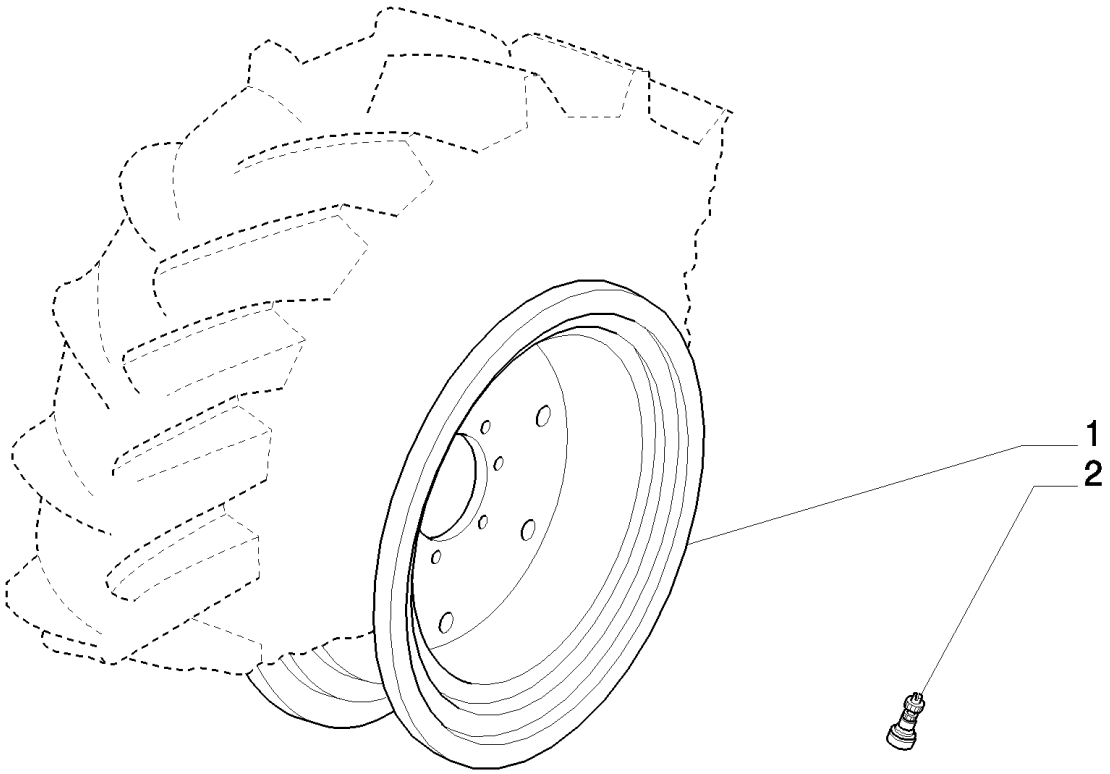
83.00(28) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82024655	2	RIM, 18 x 38
2	85700224	2	VALVE STEM,

83.00(29) DRIVE WHEELS



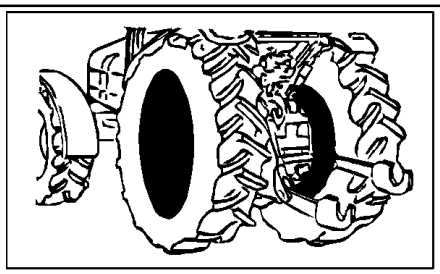
EQUIP.	TIRE SIZE	RIM
89.14	650/75 R38	W23X38
89.99	710/70 R38	W23X38



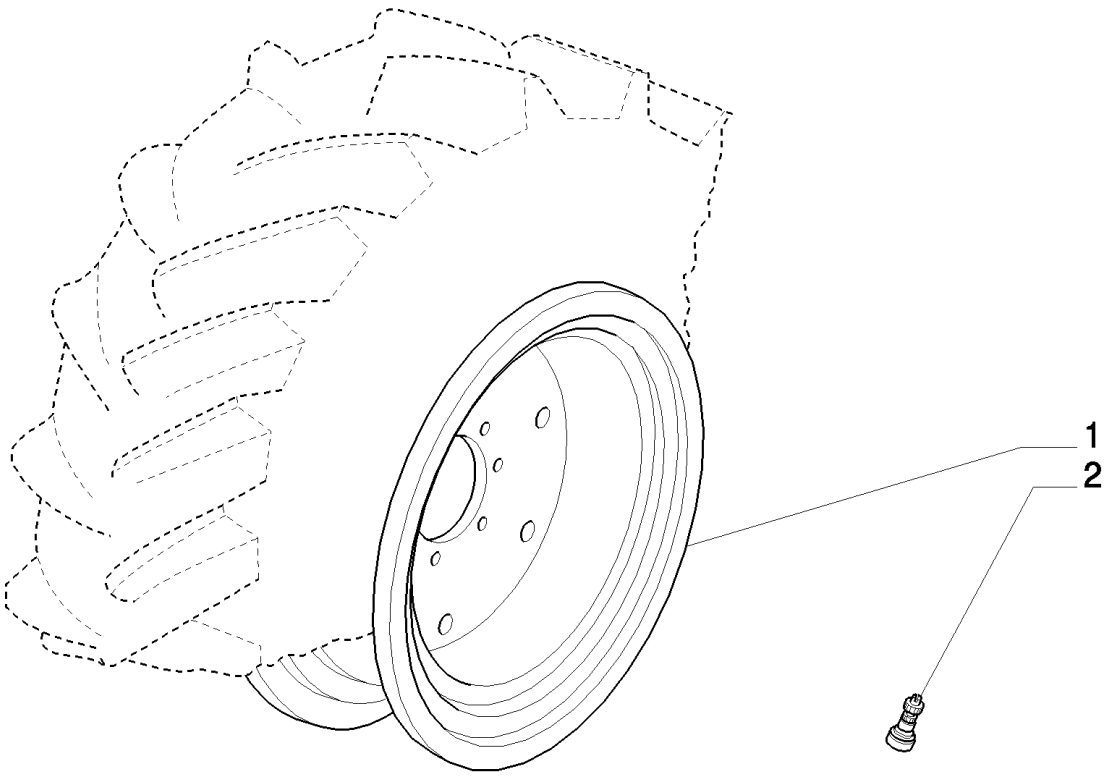
TM190 TRACTOR (6/02-) - Wheels/Tracks

83.00(29) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82030678	2	RIM, W23 x 38
2	85700224	2	VALVE STEM,



EQUIP.	TIRE SIZE	RIM
83.89/1	20.8 R42 (520/85 R42)	W18X42
89.53	620/70 R42	W18X42
89.71	580/70 R42	W18X42
89.85	650/65 R42	W18X42

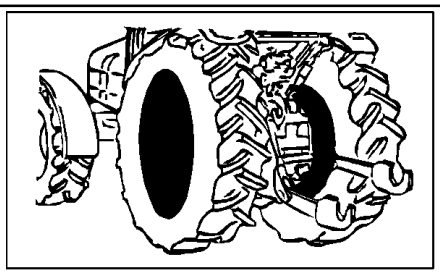


83.00(30) DRIVE WHEELS

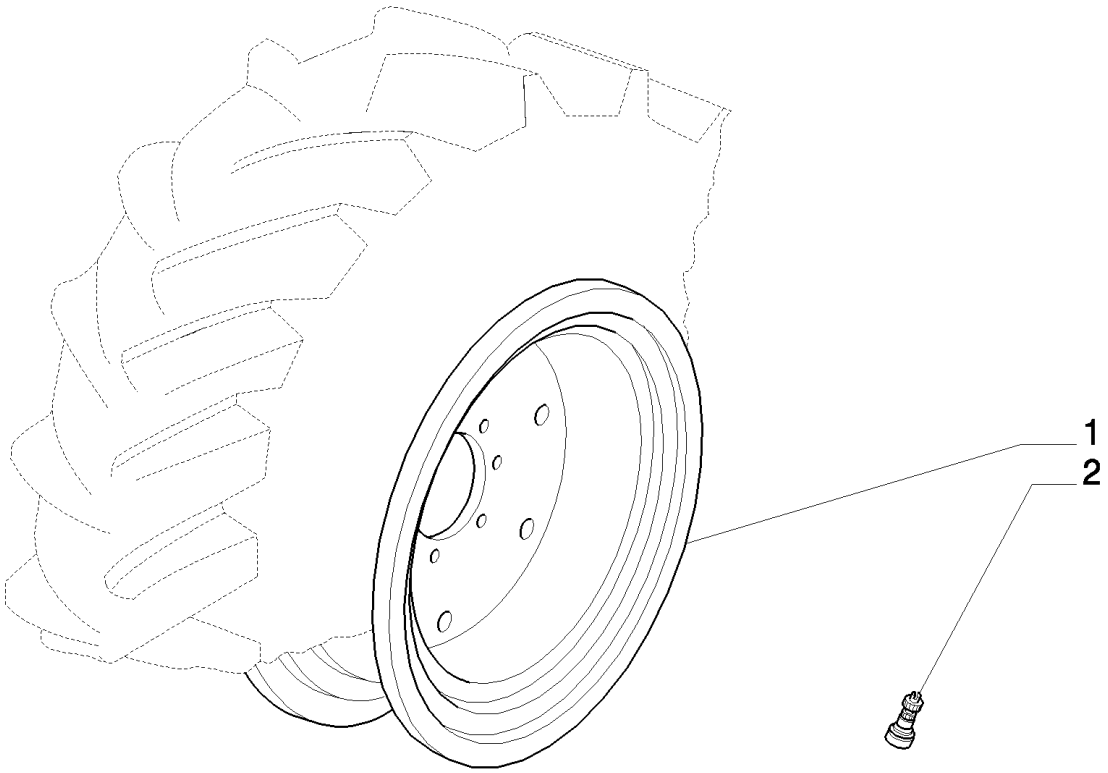
Ref	Part Number	Qty	Description
1	82030690	2	RIM, W18 x 42, -C5268
1	87382429	2	RIM, , D5268-
2	85700224	2	VALVE STEM,
2	87323751	2	VALVE STEM, VAR. 83.89

D5268 After Date 17 January 2006

83.00(31) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
83.24	20.8 R38	W18X38
83.81	20.8 R38 A8 R1	W18X38
89.26	580/70 R38	W18X38
89.98	650/65 R38	W18X38

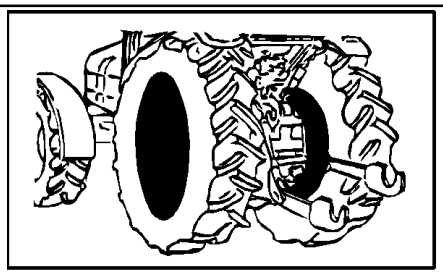


TM190 TRACTOR (6/02-) - Wheels/Tracks

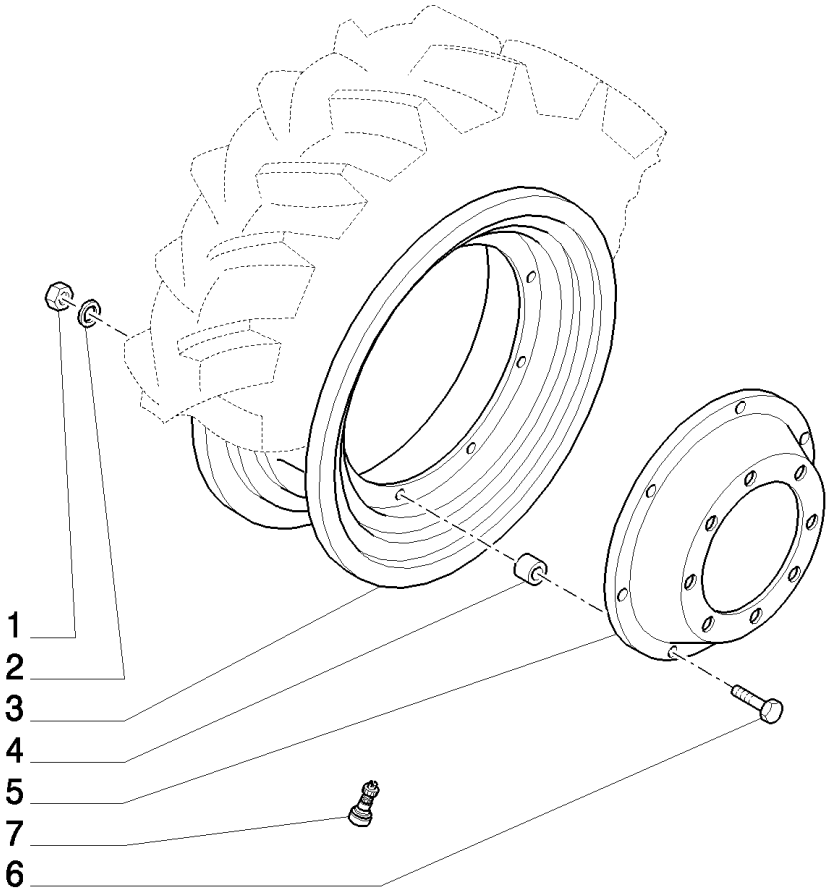
83.00(31) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	82030672	2	RIM, W18 x 38
2	85700224	2	VALVE STEM,

83.00(34) DRIVE WHEELS



EQUIP.	TIRE SIZE	RIM
88.70	600-60 R30	DW20AX30

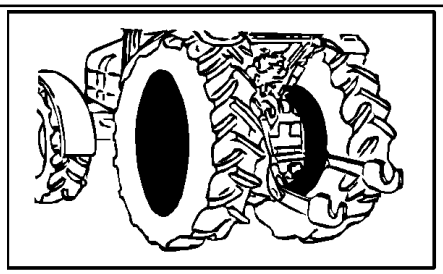


TM190 TRACTOR (6/02-) - Wheels/Tracks

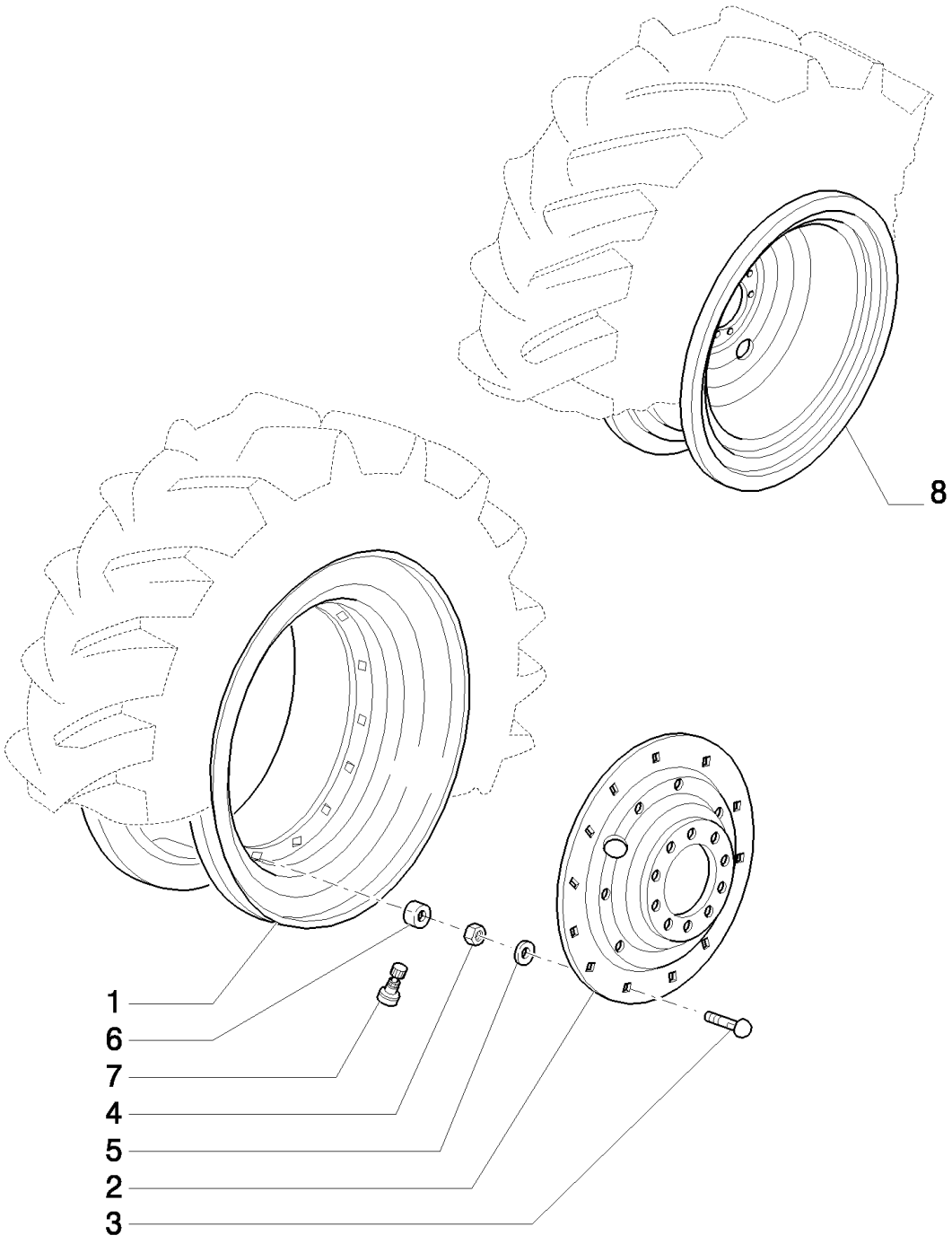
83.00(34) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	12164124	12	NUT, M16 x 1.5, Cl 8, M18 x 2
2	82011967	12	WASHER,
3	87374975	2	RIM, DW20Ax30
4	82031090	12	SPACER,
5	82031106	2	DISC, WHEEL,
6	82022305	12	BOLT, Coach, M16 x 1.5 x 58, 10.9, 10.9, M18 x 2 x 65
7	87323751	2	VALVE STEM,

83.00(37) DRIVE WHEELS



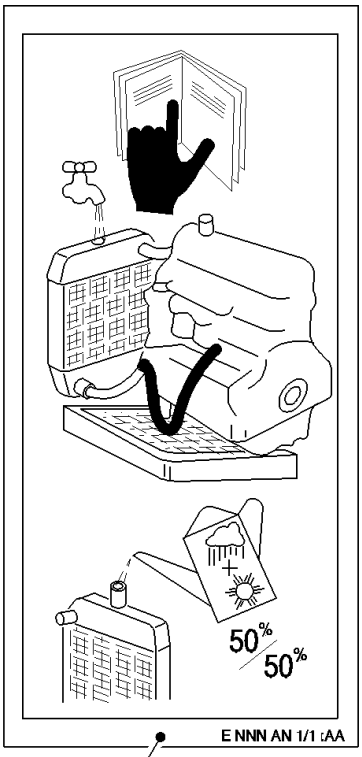
EQUIP.	TYRE SIZE	RIM
89.94	710/60 R42	DW25AX42



TM190 TRACTOR (6/02-) - Wheels/Tracks

83.00(37) DRIVE WHEELS

Ref	Part Number	Qty	Description
1	87392102	2	RIM, DW25A x 42
2	82031204	2	DISC, WHEEL,
3	82022305	32	BOLT, Coach, M16 x 1.5 x 58, 10.9,
4	12164124	32	NUT, M16 x 1.5, Cl 8,
5	82011967	32	WASHER,
6	82031090	32	SPACER,
7	87323751	2	VALVE STEM,
8	87374973	2	RIM,



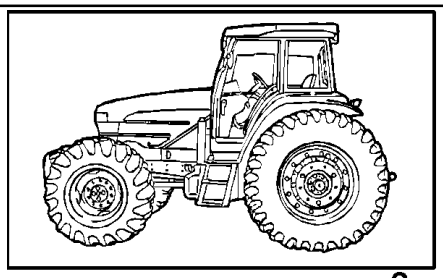
1.98.0



1.98.2

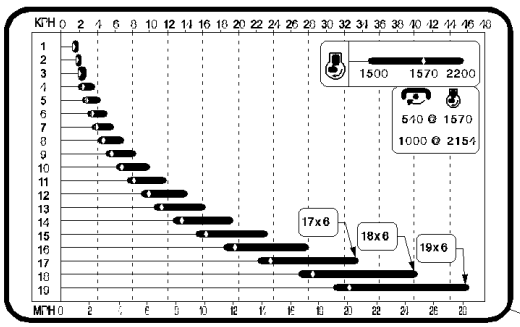
Ref	Part Number	Qty	Description

1.98.0(03) DECALS



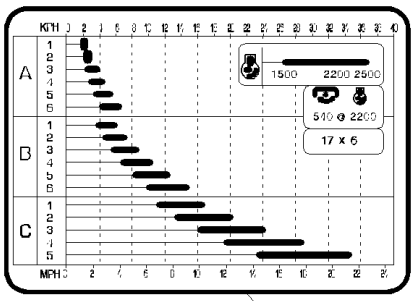
3





13

1

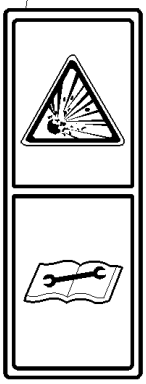


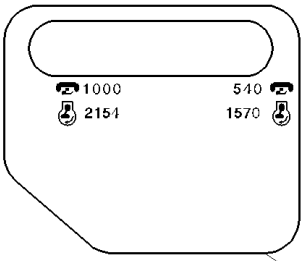
8



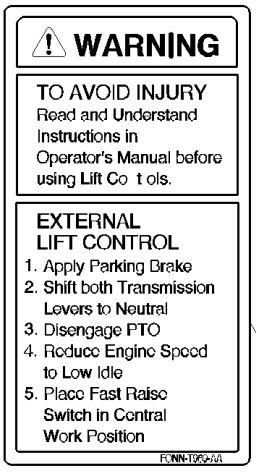
10

9





12



4



2

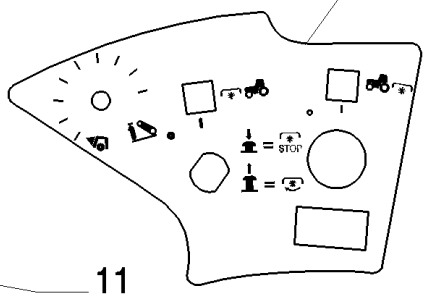
5

6





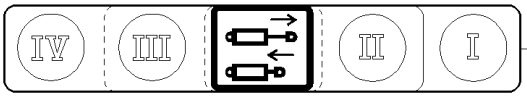
7



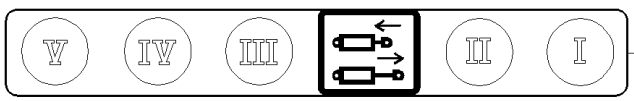


11

15



16

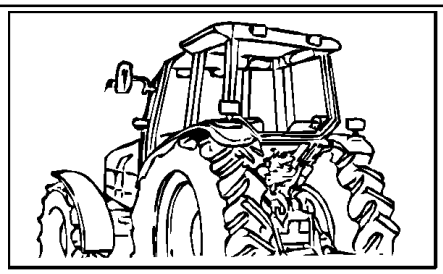


17



1.98.0(03) DECALS

Ref	Part Number	Qty	Description
1	82002664	1	DECAL, PTO Blanking
2	82029313	1	DECAL, Brake Instructions
3	82030429	1	DECAL, WARNING, Operator Instructions
4	82030541	1	DECAL, WARNING, EDC
5	82030732	1	DECAL, WARNING, External Switch, EDC
6	83982553	1	DECAL, WARNING, Ext Switch F/HPL - W/EDC
7	82014261	1	DECAL, PTO Control, Rear, BSN ACM265008
7	87363485	1	DECAL, Control Rear, ASN ACM265009
8	82016108	1	DECAL, Vehicle Speed
9	82029751	1	DECAL, Hydraulic
10	82029751	1	DECAL,
11	81871702	1	DECAL, WARNING, TM120, TM130, TM140, TM155
12	82030859	1	DECAL, PTO Control (2 Spd)
13	82030858	1	DECAL, Vehicle Speed, TM175, TM190
14	82000658	1	DECAL,
15	81863548	1	DECAL,
16	87311413	1	DECAL,
17	82039939	1	DECAL, TM175, TM190, W/VAR. 252 only



1



3



2

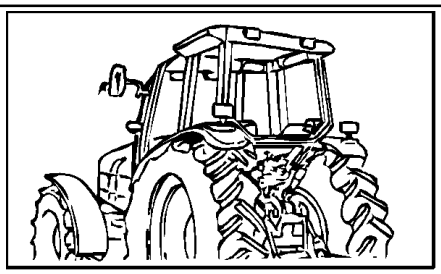
"Die Beförderung von Personen
ohne geeignete Sitzgelegenheit
ist verboten".
(vgl. § 2l StVO)

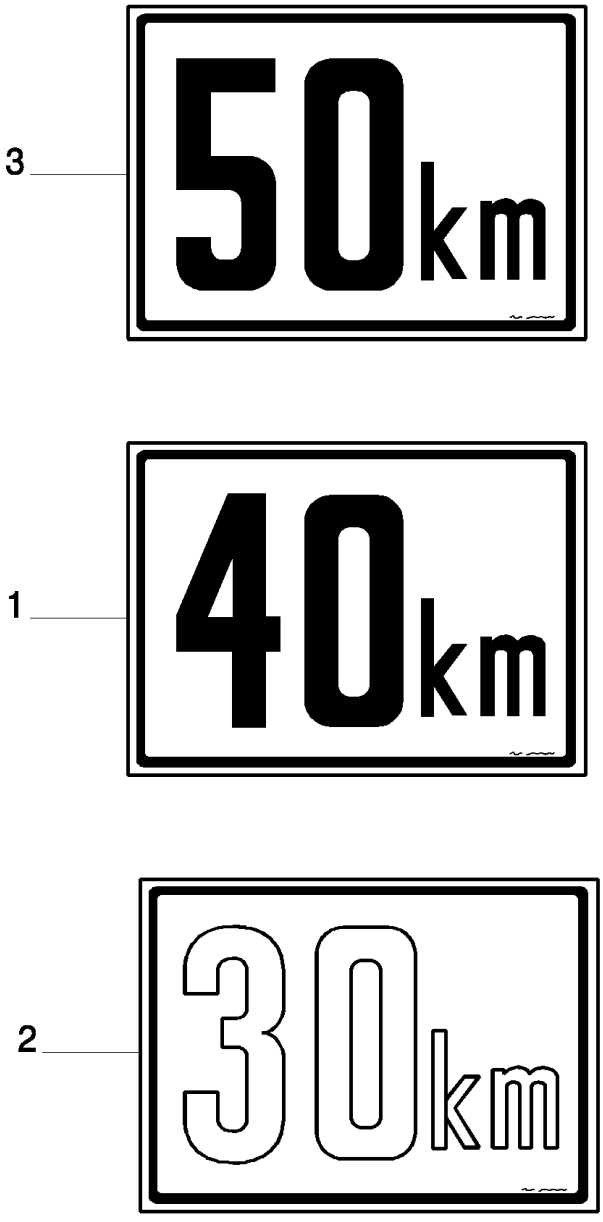
82016187

TM190 TRACTOR (6/02-) - Decals

1.98.0/01 (VAR.002) GERMAN VERSION - DECALS

Ref	Part Number	Qty	Description
1	83992508	1	DECAL, 40 KPH - 200mm Diameter (Speed Indicator)
2	82016187	1	DECAL,
3	82029770	1	DECAL,

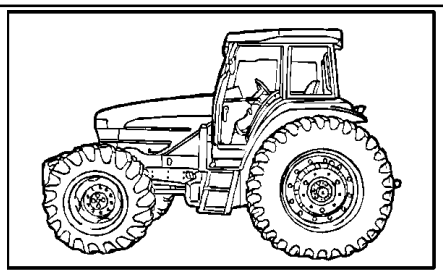



3
50km
1
40km
2
30km

TM190 TRACTOR (6/02-) - Decals

1.98.0/02 (VAR.034) AUSTRIA VERSION - DECALS

Ref	Part Number	Qty	Description
1	83992507	1	DECAL, Speed Indicator - 40KPH
2	83933622	1	DECAL,
3	82029769	1	DECAL,



1

2

EMERGENCY STOPPING
AND PARKING BRAKE

3

⚠ WARNING

- Before starting and operating:

  Know the operating and safety instructions in the operators manual and on the tractor.

  Clear the area of bystanders. Locate and know operation of controls.

  Fasten your seat belt.
- Start engine only from operators seat with transmission in neutral, PTO disengaged and hydraulic controls in lowered position.
- Avoid accidental contact with gear shift lever while the engine is running. Unexpected tractor movement can result.
- Slow down on turns, rough ground and slopes to avoid upset.
- Do not permit anyone but the operator to ride on the tractor. Unless on instructional seat has been fitted.

  Lock brakes together, use warning lights and SMV emblem while driving on roads.

  Lower equipment, place gear shift levers in neutral, stop engine and apply parking brake before leaving tractor seat.
- Always engage parking brake before dismounting. Transmission will not prevent tractor from rolling when engine is shut off.
- Keep safety shields in place for your protection.

FAILURE TO FOLLOW ANY OF THE INSTRUCTIONS ABOVE CAN CAUSE SERIOUS INJURY TO THE OPERATOR OR OTHER PERSONS.

ATTENTION

- Do not tow tractor unless all transmission levers are in neutral.
- To prevent cab damage:

  Place tractor hydraulic system in position control before attaching implement.

  Raise the implement slowly and ensure 4" (10cm) cab to implement clearance.
- To protect the engine and hydraulic components:

  1) Idle engine for one minute before shutdown after full load operation.

  2) Do not exceed half throttle for first five minutes of operation.
- Do not use creeper gears for high draft loads.
- With units equipped with creeper gears. Do not stop engine with transmission in "creeper gear" to avoid starting difficulties.

See Operators Manual for complete instructions.

4

5

⚠ WARNING

TO AVOID INJURY
Read and Understand Instructions in Operators Manual before using Lift Controls

EXTERNAL LIFT CONTROL

1. Apply Parking Brake
2. Shift all Transmission Levers to Neutral.
3. Disengage PTO
4. Reduce Engine Speed to Low Idle
5. Place Fast Raise Switch in Central Work Position

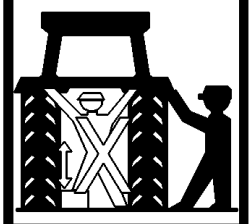
6

⚠ WARNING

TO JUMP START
(Negative Grounded Battery)

1. Shield eyes. 2. Connect one end of one cable to positive (+) terminals of each battery
3. Connect one end of other cable to negative (-) terminal of "Good" battery.
4. Connect other end to engine block of vehicle being started. TO PREVENT DAMAGE to other electrical components on vehicle being started, make certain that engine is at idle speed before disconnecting jumper cables.

⚠ WARNING



TO AVOID INJURY,
DO NOT STAND ON IMPLEMENT OR BETWEEN IMPLEMENT AND TRACTOR WHILE OPERATING LIFT CONTROL

E6NN-T970-AB

7

DISTRIBUTED BY FORD NEW HOLLAN INC. NEW HOLLAND, PA 17357

DANGER—EXPLOSIVE CAN CAUSE BLINDNESS OR SEVERE INJURY PROTECT EYES SPARKS, FLAMES, CIGARETTES CAN CAUSE EXPLOSIONS: TOOLS AND CABLE CLAMPS CAN CAUSE SPARKS, DO NOT USE WITHOUT INSTRUCTION. KEEP VENT CAPS TIGHT AND LEVEL.

ACID—POISON CAUSES SEVERE BURNS CONTAINS SULFURIC ACID. IN EVENT OF CONTACT. FLUSH WITH WATER AND SEE A DOCTOR. KEEP OUT OF THE REACH OF CHILDREN.

REPLACE WITH TRACTOR BATTERY F-770 FINN-10X004-AA

8

⚠ DANGER

EXPLOSIVE CAN CAUSE BLINDNESS OR SEVERE INJURY PR TECT EYES. SPARKS, FLAMES, CIGARETTES CAN CAUSE EXPLOSION, TOOLS AND CABLE CLAMPS CAN CAUSE SPARKS. DO NOT USE WITHOUT INSTRUCTION KEEP VENTS TIGHT AND LEVEL.

ACID-POISON CAUSES SEVERE BURNS. CONT INS SULPHURIC ACID. IN THE EVENT OF CONTACT. FLUSH WITH WATER AND SEE A DOCTOR. KEEP OUT OF REACH OF CHILDREN.

9

⚠ WARNING

- Start engine only from operators seat. If safety start switch is bypassed engine can start with transmission in gear.
- Do not connect or short across terminals on starter solenoid.
- Attach booster cables as shown on battery decal.

Starting in gear causing runaway can result in serious injury.

E1NN-16A901-EA

10

⚠ WARNING

AIR CONDITIONING SYSTEM

FLUID UNDER HIGH PRESSURE. DO NOT DISCONNECT ANY LINES.

SERVICE REPAIR OR RECHARGING MUST BE PERFORMED ONLY BY A TRAINED SERVICE TECHNICIAN.

REFRIGERANT: R134a

CHARGE: 3.0lbs (1.4kg.)

11



⚠ WARNING

Hydraulic accumulator contains gas and oil under pressurs. For removal and repair, instructions in technical manual must be followed.

12

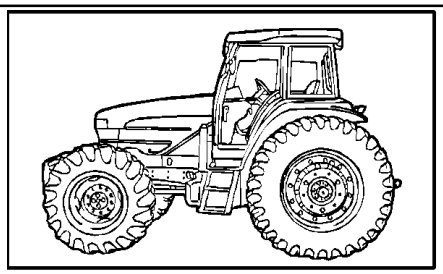
NOTE

WARRANTY ON THIS ENGINE AND OR POWER TRAIN COMPONENTS SHALL NOT APPLY TO ANY FAILURE RESULTING FROM UNSPECIFIED ADJUSTMENTS OF THE FUEL INJECTION SYSTEM

TM190 TRACTOR (6/02-) - Decals

1.98.0/03(01) (VAR. 007) DECALS

Ref	Part Number	Qty	Description
1	82002664	2	DECAL, PTO Blanking
2	82029313	1	DECAL, Brake Instructions
3	82030429	2	DECAL, WARNING, Operator Instructions
4	82030541	3	DECAL, WARNING, EDC
5	82030732	2	DECAL, WARNING, External Switch, EDC
6	82029311	1	DECAL, WARNING, Battery Instructions
7	82008859	1	DECAL, DANGER, Battery Safety Instructions
8	82029312	1	DECAL, DANGER, Battery Safety Instructions
9	87311609	1	DECAL, DANGER, Operating Instructions
10	82029315	1	DECAL, WARNING, A/C
11	82029752	1	DECAL, WARNING, Hydraulic
12	82029238	1	DECAL, Fuel Inj. Pump Warning



MADE IN ENGLAND

3

WARNING

TO AVOID INJURY, DO NOT STAND ON IMPLEMENT OR BETWEEN IMPLEMENT AND TRACTOR WHILE OPERATING LIFT CONTROL

E8NN-T970-AB

5

WARNING

Cooling system operates under pressure. Do not remove radiator pressure cap while system is hot. See Operators Manual.

2

WARNING

KEEP HANDS AND CLOTHING AWAY FROM MOVING PARTS.

1

WARNING

NO STEP

6

WARNING

- Pull only from drawbar. Pulling from any other point can cause rear overturn.
- Do not operate with un-shielded PTO.
- Disengage PTO and stop engine before servicing tractor or implements or attaching and detaching implements.
- Position drawbar at 14" from end of PTO shaft to drawbar hole for 540 and 16" for 1000 PTO RPM.
- When towing equipment use a safety chain.

FAILURE TO FOLLOW ANY OF THE INSTRUCTIONS ABOVE CAN CAUSE SERIOUS INJURY TO THE OPERATOR OR OTHER PERSONS.

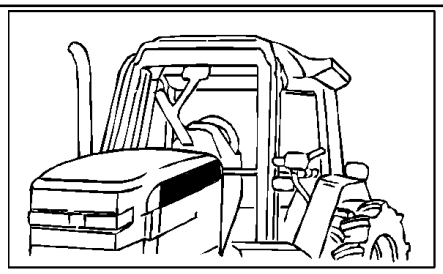
4

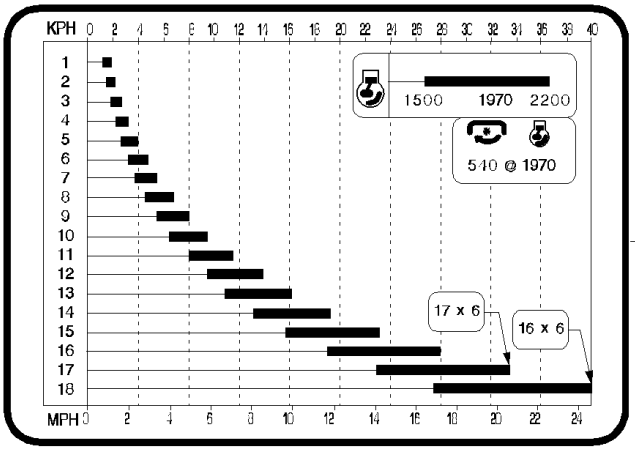
TM190 TRACTOR (6/02-) - Decals

1.98.0/03(02) (VAR. 007) DECALS

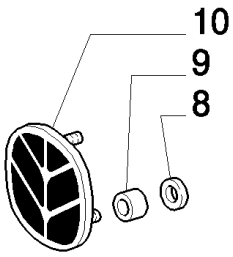
Ref	Part Number	Qty	Description
1	82029538	2	DECAL, WARNING, Fan
2	82029421	2	DECAL, WARNING, Radiator Pressure
3	81858824	1	DECAL, Country of Origin
4	82030526	1	DECAL, WARNING, PTO Instructions
5	82030732	2	DECAL, WARNING, External Switch, EDC
6	82029420	1	DECAL, WARNING, No Step

1.98.2(01) MODEL IDENTIFICATION DECALS

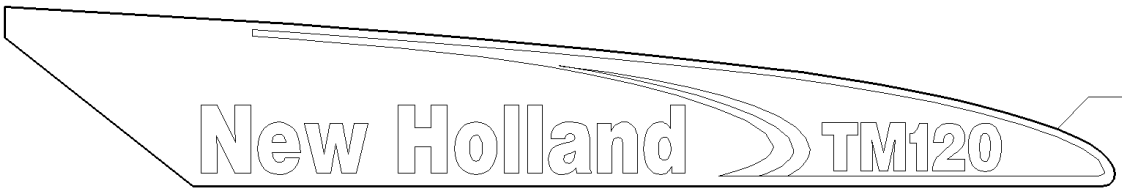




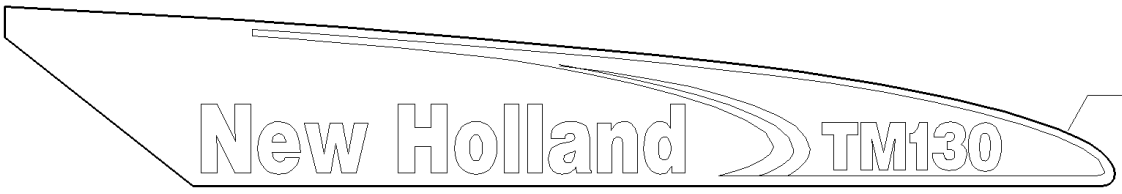
7



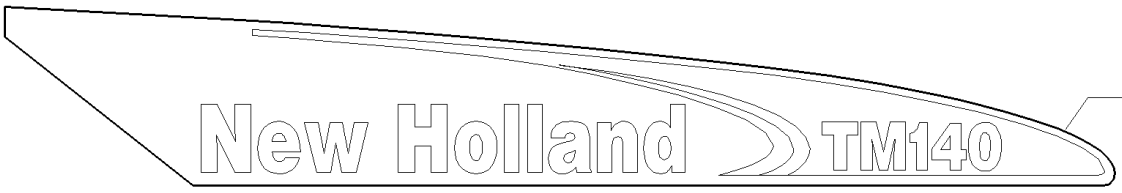
10
9
8



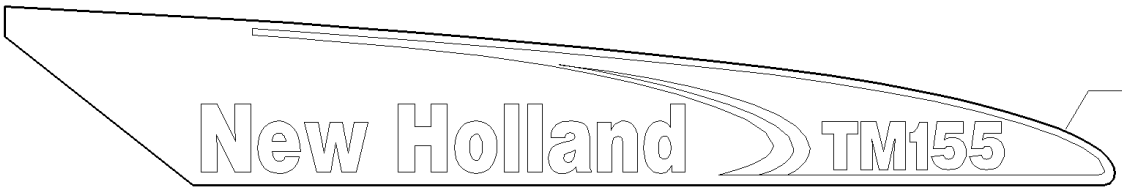
1



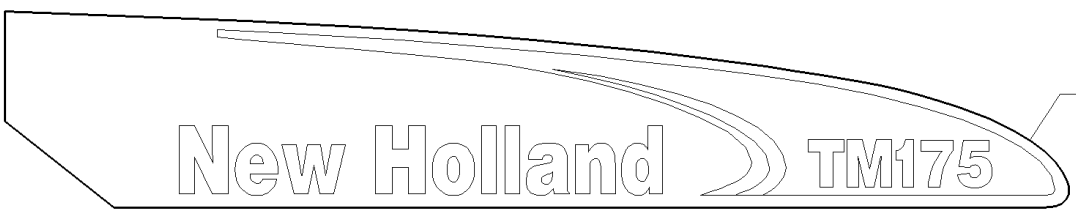
2



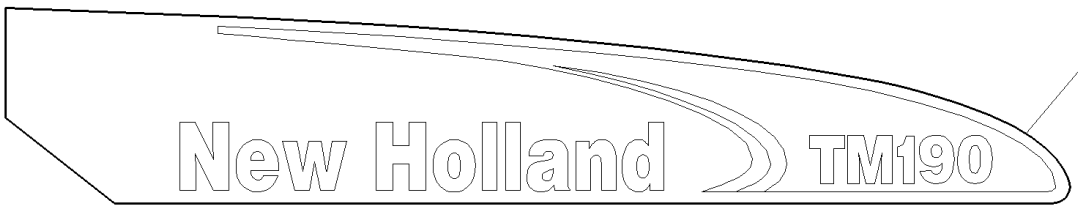
3



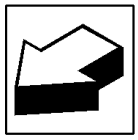
4



5



6

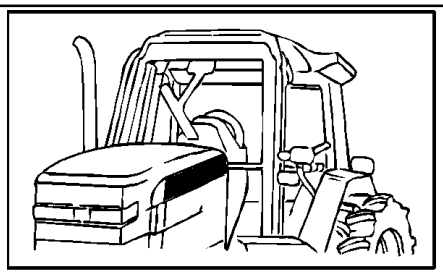


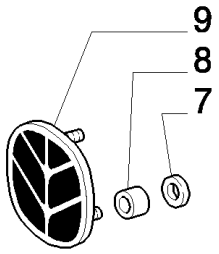
TM190 TRACTOR (6/02-) - Decals

1.98.2(01) MODEL IDENTIFICATION DECALS

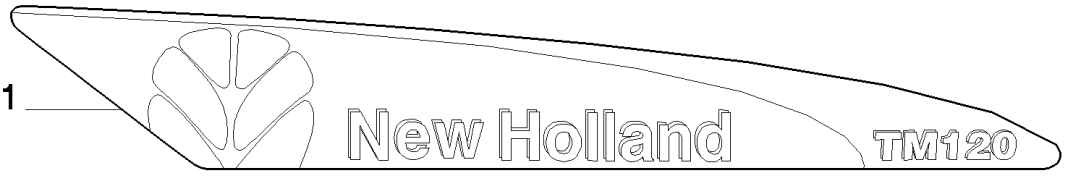
Ref	Part Number	Qty	Description
1	82030890	1	DECAL, TM120, LH
1	82030891	1	DECAL, TM120, RH
2	82030892	1	DECAL, TM130, LH
2	82030893	1	DECAL, TM130, RH
3	82030894	1	DECAL, TM140, LH
3	82030895	1	DECAL, TM140, RH
4	82030896	1	DECAL, TM155, LH
4	82030897	1	DECAL, TM155, RH
5	82030898	1	DECAL, TM175, LH
5	82030899	1	DECAL, TM175, RH
6	82030900	1	DECAL, TM190, LH
6	82030901	1	DECAL, TM190, RH
7	82020497	1	DECAL, Vehicle Speed, W/full power shift trans.18x6(40 Kph-4WD)and 17x6(30 Kph-2WD)Equ ip.281
8	5135069	2	CLIP,
9	5138360	2	RING,
10	82005611	1	EMBLEM,

1.98.2(02) MODEL IDENTIFICATION DECALS - EXCEPT NORTH AMERICA

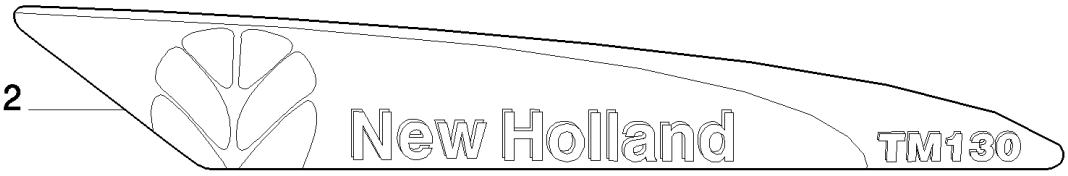




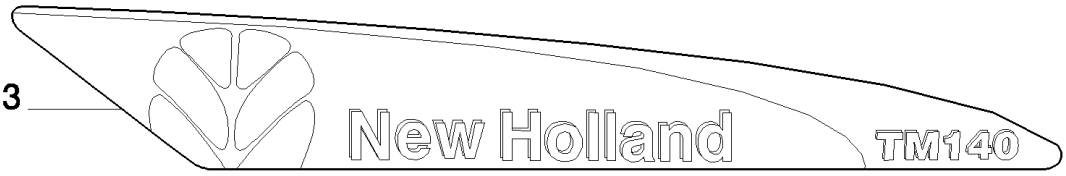
1



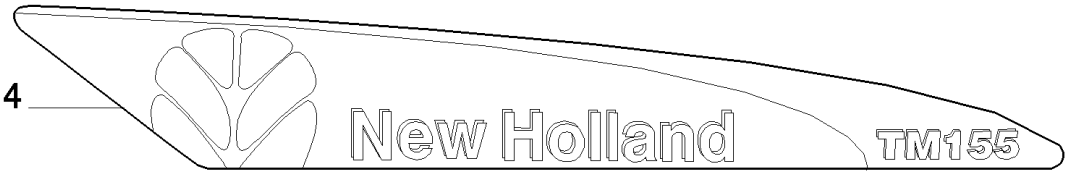
2



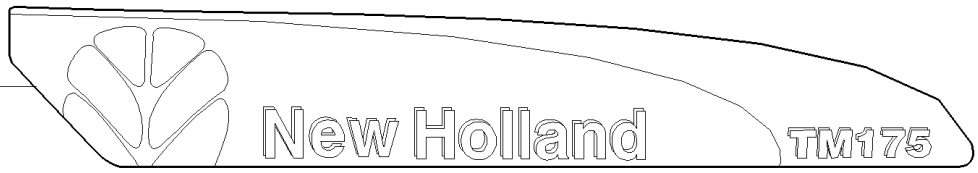
3



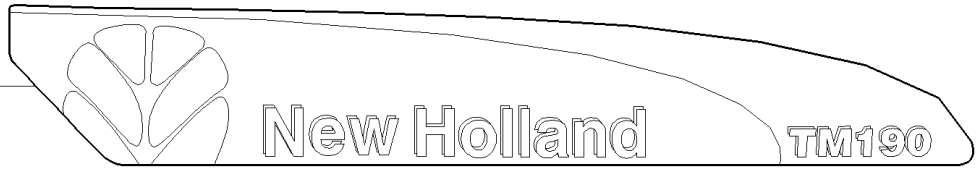
4



5



6





TM190 TRACTOR (6/02-) - Decals

1.98.2(02) MODEL IDENTIFICATION DECALS - EXCEPT NORTH AMERICA

Ref	Part Number	Qty	Description
1	82039455	1	DECAL, TM120, RH
1	82039454	1	DECAL, TM120, LH
2	82039457	1	DECAL, TM130, RH
2	82039456	1	DECAL, TM130, LH
3	82039459	1	DECAL, TM140, RH
3	82039458	1	DECAL, TM140, LH
4	82039461	1	DECAL, TM155, RH
4	82039460	1	DECAL, TM155, LH
5	82039463	1	DECAL, TM175, RH
5	82039462	1	DECAL, TM175, LH
6	82039465	1	DECAL, TM190, RH
6	82039464	1	DECAL, TM190, LH
7	5135069	2	CLIP,
8	5138360	2	RING,
9	82005611	1	EMBLEM,