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Parts Manual 101 Stats, Model 75I

Grid	Description	Illustration	Writing
1A1	Index	None	Yes
1A5	--	TP1018	No
1A6	Accelerator Pedal & Linkage	None	Yes
1A7	--	TP1023	No
1A8	Accelerator Pedal & Linkage	None	Yes
1A9	--	TP1300	No
1A10	Accelerator Pedal & Linkage	None	Yes
1A11	Accelerator Pedal & Linkage	None	Yes
1A12	--	TP1314	No
1A13	Accelerator Pedal & Linkage	None	Yes
1A14	Air Cleaner & Attaching Parts	TP1013	No
1B1	Air Cleaner & Attaching Parts	None	Yes
1B2	--	TP1292	No
1B3	Air Cleaner & Attaching Parts	None	Yes
1B4	Axle Assembly - Front Drive	--	No
1B5	Axle Assembly - Front Drive	None	Yes
1B6	Axle Assembly - Front Drive	--	No
1B7	Axle Assembly - Front Drive	None	Yes
1B8	--	TS136-P1	No
1B9	Axle Assembly - Rear Drive Steer	None	Yes
1B10	Axle Assembly - Rear Drive Steer	None	Yes
1B11	--	TS136-P1	No
1B12	Axle Assembly - Rear Drive Steer	None	Yes
1B13	Axle Assembly - Rear Drive Steer	None	Yes
1B14	Differential & Carrier Assembly	2592-P-43-54	No
1C1	Differential & Carrier Assembly	None	Yes
1C2	Differential & Carrier Assembly	2592-P-43-54	No
1C3	Differential & Carrier Assembly	None	Yes
1C4	Planet Spider Assembly	TS-59-1	Yes
1C5	Boom & Guide Bar Assembly	TS-286-P	Yes
1C6	Tie Rod Assembly	TS-1559-P	Yes
1C7	Tie Rod End Assembly	TS-9-P1	Yes
1C8	Push Rod Assembly - Bellcrank	TP1214	Yes
1C9	Drag Link Assembly	TS-6-P	Yes
1C10	Brake Assembly - Front	TS-141-P1	Yes
1C11	Brake Assembly - Front	TS-141-P1	Yes
1C12	Brake Assembly - Rear	TS-140-P	Yes
1C13	Brake Assembly - Rear	TS-140-P	Yes
1C14	Brake Controls	TP1330	Yes
1D1	Master Cylinder - Brake System	TP1343	Yes
1D2	Brake Lines & Fittings	TP1028	Yes
1D3	Brake Lines & Fittings	None	Yes
1D4	Parking Brake Controls	TS-20-P	Yes
1D5	Bucket & Carrier Assembly	TS-285-P	Yes
1D6	Bucket Indicator	TS-18-P1	Yes

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Grid	Description	Illustration	Writing
1D7	--	TP1147	No
1D8	Cab Assembly	None	Yes
1D9	Torque Converter	3609-P-87-56	No
1D10	Torque Converter Assembly	None	Yes
1D11	Torque Converter Assembly	None	Yes
1D12	Torque Converter Assembly	None	No
1D13	Torque Converter Assembly	TS1566	No
1D14	Torque Converter Assembly	None	Yes
1E1	Torque Converter Assembly	None	Yes
1E2	Pressure Regulator Valve	TS1534	Yes
1E3	Boom Cylinder Assembly	TS-12-P3	Yes
1E4	Bucket Cylinder Assembly	TS-13-P3	Yes
1E5	Engine Assembly	None	Yes
1E6	Engine Support Parts	None	Yes
1E7	Engine Assembly	None	Yes
1E9	Frame Assembly	TS-284-P	Yes
1E10	--	TP1016	No
1E11	Fuel Lines	None	Yes
1E12	--	TP1017	No
1E13	Fuel Lines	None	Yes
1E14	--	TP1291	No
1F1	Fuel Lines	None	Yes
1F2	Fuel Lines	None	Yes
1F3	--	TP1310	No
1F4	Fuel Lines	None	Yes
1F5	--	TP1031	No
1F6	Floorboard, Horn & Fuel Tank	None	Yes
1F7	Grille, Counterweight & Body Panel	TP1027	No
1F8	Grille, Counterweight & Body Panel	None	Yes
1F9	Hydraulic Oil Reservoir & Parts	TS205	Yes
1F10	Hydraulic System - Bucket & Boom	TP1026	Yes
1F11	Hydraulic System - Bucket & Boom	None	Yes
1F12	Hydraulic System - Bucket & Boom	TP1252	No
1F13	Hydraulic System - Bucket & Boom	None	Yes
1F14	Hydraulic System - Bucket & Boom	TP1252	No
1G1	Hydraulic System - Bucket & Boom	None	Yes
1G2	Hydraulic System - Steering	TP1024	Yes
1G3	Hydraulic System - Steering	TP1246	Yes
1G4	--	TP1029	No
1G5	Instrument Panel Assembly	None	Yes
1G6	Instrument Panel	None	Yes
1G7	--	TP1030	No
1G8	Instrument Panel Assembly	None	Yes
1G9	--	TP1309	No
1G10	Instrument Panel Assembly	None	Yes

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Parts Manual 101 Stats, Model 75I

Grid	Description	Illustration	Writing
1G11	Propeller Shaft Assembly	TP1033	Yes
1G12	Propeller Shaft Assembly	TP1033	Yes
1G13	Hydraulic Pump-Converter Charging	TS-264-P	Yes
1G14	Hydraulic Pump-Converter Charging	Yes	Yes
2A5	Hydraulic Pump-Converter Charging	TS2732P	Yes
2A6	Hydraulic Pump-Bucket & Boom	TP1054	Yes
2A7	Hydraulic Pump-Bucket & Boom	TP1287	Yes
2A8	Hydraulic Pump-Bucket & Boom	TP1287	Yes
2A9	Hydraulic Pump-Steering Booster	TP1053	Yes
2A10	Hydraulic Pump-Steering Booster	TP1053	Yes
2A11	Radiator & Parts	TP1015	Yes
2A12	Radiator & Parts	TP1313	Yes
2A13	Radiator & Parts	TP1315	Yes
2A14	--	TP1338	No
2B1	Steering Gear Assembly	None	Yes
2B2	--	TS176-P	No
2B3	Steering Booster Assembly	None	Yes
2B4	--	TP1120	No
2B5	Steering Booster Assembly	None	Yes
2B6	Steering Linkage - Booster To Axle	TP1333	Yes
2B7	Steering Linkage - Booster To Axle	TP1334	Yes
2B8	Transmission	3810-P-48-53A	No
2B10	Transmission Assembly	None	Yes
2B11	Transmission Assembly	None	Yes
2B12	Transmission Assembly	None	Yes
2B13	--	TS1617	No
2B14	--	TS1617	No
2C1	Transmission Assembly	None	Yes
2C2	Transmission Assembly	None	Yes
2C3	Transmission Assembly	None	Yes
2C4	Control Valve & Cover	3816-P-48-55G	No
2C5	Transmission Control Cover Parts	None	Yes
2C6	Gear Shift Levers & Linkage	TS-22-P	Yes
2C7	Transmission Control Levers & Linkage	TS-24-P2	Yes
2C8	Transmission Control Levers & Linkage	None	Yes
2C9	Hydraulic System, Transmission & Converter	TP1025	Yes
2C10	Hydraulic System, Transmission & Converter	None	Yes
2C11	Hydraulic System, Transmission & Converter	TP1045	Yes
2C12	Hydraulic System, Transmission & Converter	None	Yes

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Grid	Description	Illustration	Writing
2C13	Hydraulic System, Transmission & Converter	TP1251	No
2C14	Hydraulic System, Transmission & Converter	None	Yes
2D1	Hydraulic System - Transmission	None	Yes
2D2	Control Valve	TS-14-P	No
2D3	Control Valve Assembly	None	Yes
2D4	--	TP1328	No
2D5	Control Valve Assembly	None	Yes
2D6	Valve Control Lever & Linkage	TS-15-P	Yes
2D7	Battery, Holder, Wiring & Parts	None	Yes
2D8	Battery, Holder, Wiring & Parts	None	Yes
2D9	Lights & Mountings	None	Yes
2D10	Cold Start & Horn Panel	TP1032	Yes
2D11	Wheel Assembly & Tyre Data	None	Yes

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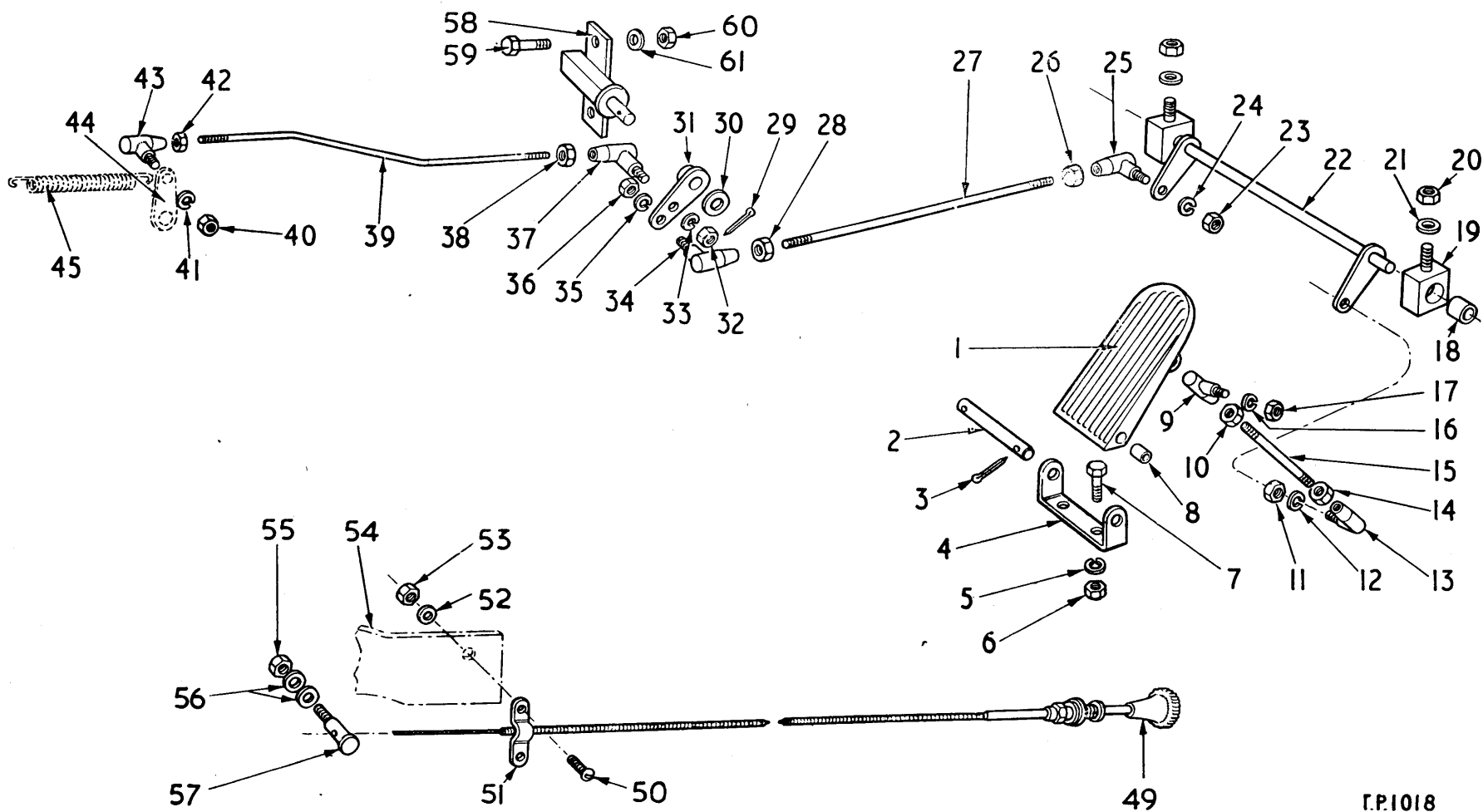
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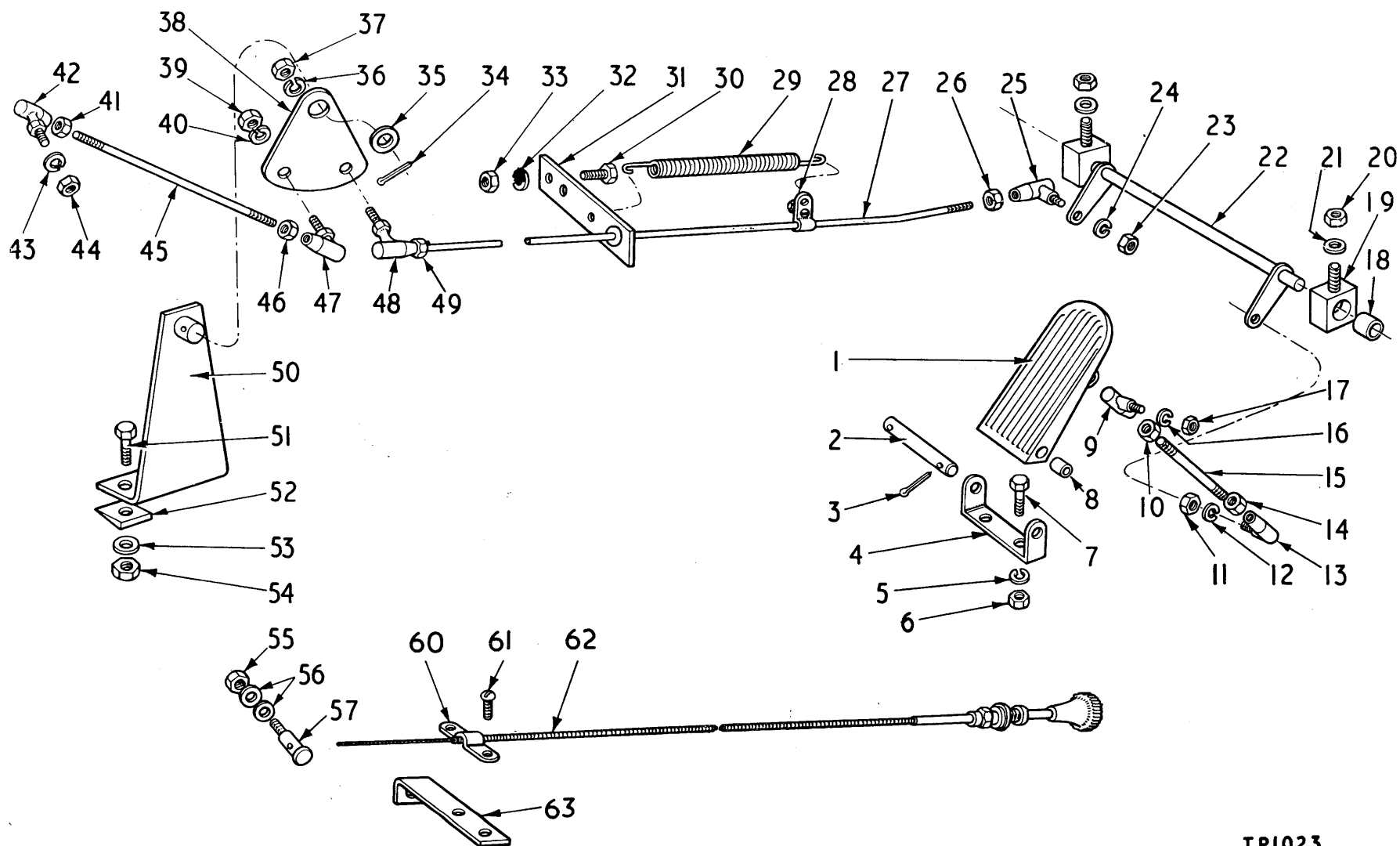
ACCELERATOR PEDAL AND LINKAGE (LEYLAND)

(effective with serials OSI22/I and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200526	Pedal, Accelerator.....	1	37	AW65/1	Ball Joint.....	1
2	AW200068	Pivot Pin, Pedal.....	1	38	UFN204/A	Nut, Ball Joint to Control Rod	1
3	AW5/58	Split Pin.....	1	39	AW200237	Control Rod, Bell Crank to Engine.....	1
4	AW200065	Bracket, Pivot.....	1	40	AW6/65	Nut, Control Rod to Engine Lever.....	1
5	AW36/4	Washer, Bracket to Floor.....	2	41	AW36/4	Lockwasher, Control Rod to Engine Lever.....	1
6	AW6/65	Nut, Bracket to Floor.....	2	42	UFN204/A	Nut, Ball Joint to Control Rod	1
7	AW54/304	Bolt, Bracket to Floor.....	2	43	AW65/1	Ball Joint.....	1
8	AW200064	Bush, Accelerator Pedal.....	2	44		Lever (see Engine List)	
9	AW65/2	Ball Joint.....	1	45		Return Spring (see Engine List)	
10	UCN205/A	Nut, Ball Joint to Rod.....	1	46	AW13/309	†Bolt, Pedal Stop.....	1
11	AW6/98	Nut, Control Rod to Relay Shaft	1	47	AW6/66	†Nut, Pedal Stop Bolt.....	1
12	AW36/6	Lockwasher, Control Rod to Relay Shaft.....	1	48	AW36/6	†Washer, Pedal Stop Bolt.....	1
13	AW65/2	Ball Joint.....	1	58	AW200238	†Pivot Bracket; Bell Crank.....	1
14	UCN205/A	Nut, Ball Joint to Rod.....	1	59	AW55/306	†Bolt, Bracket to Frame.....	2
15	AW200069	Control Rod, Pedal to Relay.....	1	60	AW6/66	†Nut, Bracket to Frame.....	2
16	AW36/6	Lockwasher, Control Rod to Pedal.....	1	61	AW4/5	†Washer, Bracket to Frame.....	2
17	AW6/98	Nut, Control Rod to Pedal.....	1				
18	AW200076	Bush, Bearing Block.....	2				
19	AW200074	Bearing Block, Relay (including Item 18).....	2				
20	AW25/95	Nut, Bearing Block to Floor.....	2				
21		Omit					
22	AW200070	Relay Shaft.....	1				
22A	AW4/35	†Thackeray Washer, Relay Shaft	1				
23	AW6/65	Nut, Control Rod to Relay.....	1				
24	AW36/4	Lockwasher, Control Rod to Relay.....	1				
25	AW65/1	Ball Joint.....	1				
26	UFN204/A	Nut, Ball Joint to Rod.....	1				
27	AW200236	Control Rod, Relay to Bell Crank.....	1				
28	UFN204/A	Nut, Ball Joint to Rod.....	1				
29	AW5/58	Split-pin, Bell Crank to Pivot.....	1				
30	AW2/107	Washer Bell Crank to Pivot.....	1				
31	AW200240	Bell Crank (including Item 31A)	1				
31A	AW200064	†Bush, Bell Crank.....	2				
32	AW6/65	Nut, Control Rod to Bell Crank	1				
33	AW36/4	Lockwasher, Control Rod to Bell Crank.....	1				
34	AW65/1	Ball Joint.....	1				
35	AW36/4	Lockwasher, Control Rod to Bell Crank.....	1				
36	AW6/65	Nut, Control Rod to Bell Crank	1				

ENGINE STOP			
49	AW200094	Stop Control Cable, Engine.....	1
50	AW22/9	Screw, Cable Clip.....	2
51	411-117	Clip, Engine Stop Cable.....	1
52	AW4/51	Washer, Cable Clip.....	2
53	AW23/3	Nut, Cable Clip.....	2
54		See Engine List	
55	UFN104/A	Nut, Cable Adaptor.....	1
56	AW2/6	Washer, Cable Adaptor.....	2
57	AW200095	Adaptor, Stop Cable to Engine	1
62	AW202968	†Bracket, Stop Control Cable to Upper Pivot Assembly.....	1
63	AEC511-45	†Clip, Stop Control Cable to Bracket.....	1
64	AW22/10	†2BA Screw, Bracket to Upper Pivot Assembly.....	1
65	AW22/7	†2 BA Screw, Clip to Bracket....	1
66	AW23/3	†2 BA Nut.....	2
67	AW4/3	†Springwasher.....	2

† — Not Illustrated



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ACCELERATOR PEDAL AND LINKAGE (PERKINS)

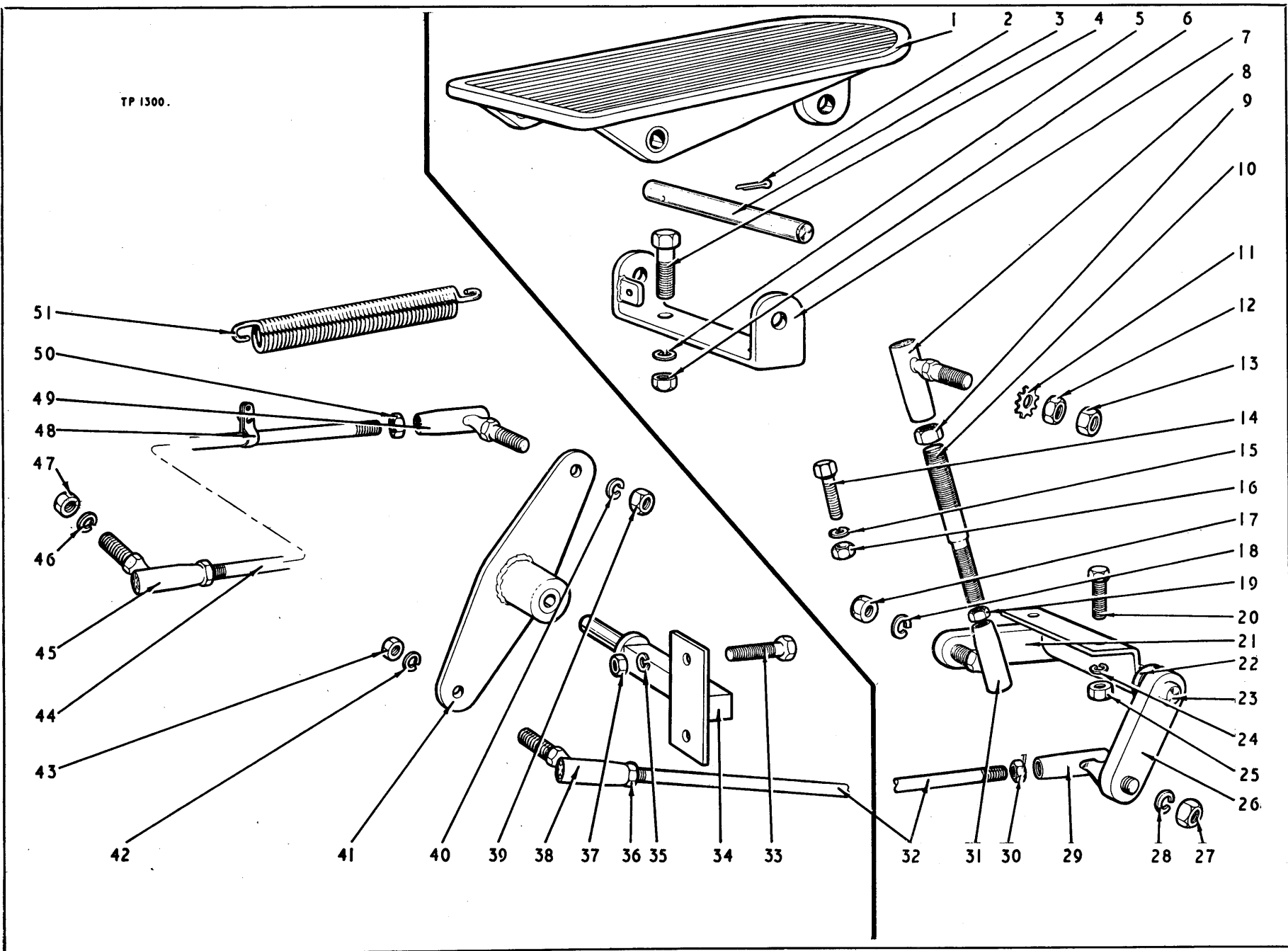
(effective with serials OS119/1 and thereafter. OS199/1 and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200526	Pedal, Accelerator.....	1	32	AW36/4	Washer, Guide to Frame	
2	AW200068	Pivot Pin, Pedal.....	1	33	AW6/97	Nut, Guide to Frame.....	2
3	AW5/58	Split Pin	1	34	AW5/58	Split Pin, Bell-crank to Bracket	1
4	AW200065	Bracket, Pivot.....	1	35	AW2/107	Washer, Bell-crank to Bracket	1
5	AW36/4	Washer, Bracket to Floor.....	2	36	AW6/97	Washer, Control Rod to Bell-crank.....	1
6	AW6/65	Nut, Bracket to Floor.....	2	37	AW36/4	Nut, Control Rod to Bell-crank	1
7	AW54/304	Bolt, Bracket to Floor	2	38	AW200080	Bell-crank.....	1
8	AW200064	Bush, Accelerator Pedal.....	2	38A	AW200064	†Bush, Bell-crank.....	1
9	AW65/2	Ball Joint.....	1	39	AW36/4	Nut, Control Rod to Bell-crank	1
10	UCN205/A	Nut, Ball Joint to Rod.....	1	40	AW6/97	Washer Control Rod to Bell-crank.....	1
11	AW6/98	Nut, Control Rod to Relay Shaft	1	41	UFN204/A	Nut, Ball Joint to Rod.....	1
12	AW36/6	Lockwasher, Control Rod to Relay Shaft.....	1	42	AW65/1	Ball Joint	1
13	AW65/2	Ball Joint.....	1	43	AW36/4	Washer, Control Rod to Bell-crank.....	1
14	UCN205/A	Nut, Ball Joint to Rod.....	1	44	AW6/97	Nut, Control Rod to Bell-crank	1
15	AW200069	Control Rod, Pedal to Relay	1	45	AW200086	Control Rod.....	1
16	AW36/6	Lockwasher, Control Rod to Pedal	1	46	UFN204/A	Nut, Ball Joint to Control Rod	1
17	AW6/98	Nut, Control Rod to Pedal.....	1	47	AW65/1	Ball Joint	1
18	AW200076	Bush, Bearing Block.....	2	48	AW65/1	Ball Joint	1
19	AW200074	Bearing Block, Relay (including Item 18)	2	49	UFN204/A	Nut, Ball Joint to Control Rod	1
20	AW25/95	Nut, Bearing Block to Floor.....	2	50	AW200083	Bracket, Bell-crank.....	1
21		Omit		51	AW14/301	Bolt, Bracket to Frame.....	2
22	AW200070	Relay Shaft.....	1	52	AW3/33	Taper Washer, Bracket to Frame	2
22A	AW4/35	†Thackeray Washer, Relay Shaft	1	53	AW36/7	Washer, Bracket to Frame.....	2
23	AW6/97	Nut, Control Rod to Relay.....	1	54	AW8/67	Nut, Bracket to Frame.....	2
24	AW36/4	Lockwasher, Control Rod to Relay	1				
25	AW65/1	Ball Joint	1				
26	UFN204/A	Nut, Ball Joint to Rod.....	1				
27	AW200078	Control Rod, Relay to Bell Crank	1				
28	AW200196	Clip, Pull-off Spring.....	1				
28A	AW22/9	†Screw, Clip.....	2				
28B	AW23/3	†Nut, Clip	2				
28C	AW5/51	†Lockwasher, Clip.....	2				
29	M551644	Spring, Pull-off.....	1				
30	AW12/301	Bolt, Control Rod Guide to Frame	2				
31	AW200079	Guide, Control Rod.....	1				
31A	AW67/2	†Grommet	1				

ENGINE STOP

55	UFN104/A	Nut, Cable Adaptor.....	1
56	AW2/6	Washer, Cable Adaptor.....	2
57	AW200095	Adaptor, Stop Cable to Engine	1
58	AW23/3	†Nut, Cable Clip.....	2
59	AW4/51	†Washer, Cable Clip.....	2
60	411-117	Clip, Engine Stop Cable	2
61	AW22/9	Screw, Cable Clip.....	2
62	AW200094	Stop Control Cable, Engine.....	1
63	AW200197	Bracket, Stop Cable Abutment	1
64	AW13/309	†Bolt, Pedal Stop, Accelerator....	1
65	AW6/66	†Nut, Pedal Stop Bolt.....	2
66	AW36/6	†Washer, Pedal Stop Bolt.....	1

† — Not Illustrated



ACCELERATOR PEDAL AND LINKAGE (CUMMINS AND DAF)

(effective with serials OS201/I and thereafter. OS 220A/I and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200526	Accelerator Pedal (including Item 1A)	1	28	AW36/4	Lockwasher, Ball Joint	1
1A	AW200064	†Oilite Bush	2	29		Ball Joint, Front Control Rod	
2	AW5/58	Split Pin, Pivot Pin	1		AW65/1	for Cummins Powered M/c's	1
3	AW200068	Pivot Pin, Pivot Bracket	1		M941484	for DAF Powered M/c's	1
4	AW54/304	Setscrew, Pivot Bracket to Floorboard	2	30	UFN204/A	Locknut, Front Control Rod	1
5	AW36/6	Washer, Pivot Bracket to Floorboard	2	31	AW65/1	Ball Joint, Pedal Control Rod to Relay	1
6	AW6/65	Nut, Pivot Bracket to Floorboard	2	32		Front Control Rod	
7	AW200065	Pivot Bracket Assembly	1		AW206312	for Cummins Powered M/c's	1
8	AW65/2	Ball Joint, Pedal Control Rod to Pedal	1		AW206061	for DAF Powered M/c's	1
9	UFN205/A	Locknut, Pedal Control Rod to Pedal	1	33	AW55/306	Setscrew, Pivot Assembly to Frame	2
10		Control Rod, Pedal to Relay		34	AW200238	Setscrew, Pivot Assembly to Frame	2
	AW205313	for Cummins Powered M/c's	1	34A	AW2/107	†Washer, Plain	1
	AW200069	for DAF Powered M/c's	1	34B	AW5/58	†Split Pin	1
11	AW36/6	Washer, Control Rod to Pedal	1	35	AW4/5	Springwasher, Pivot Assembly to Frame	2
12	AW8/66	Locknut, Control to Pedal	1	36	UFN204/A	Locknut—Front Control Rod	1
13	AW6/66	Nut, Control Rod to Pedal	1	37	AW6/66	Nut, Pivot Assembly to Frame	2
14	AW13/317	Bolt, Pedal Stop	1	38		Ball Joint, Front Control Rod	
15	AW36/6	Washer, Shakeproof, Pedal Stop	2		AW65/1	for Cummins Powered M/c's	1
16	AW6/66	Nut, Pedal Stop	1		M941484	for DAF Powered M/c's	1
17	AW6/97	Nut, Ball Joint	1	39		Nut, Ball Joint	
18	AW36/4	Lockwasher, Ball Joint	1		AW6/97	for Cummins Powered M/c's	1
19	UFN204/A	Locknut, Pedal Control Rod to Relay	1		AW6/65	for DAF Powered M/c's	1
20	AW54/304	Setscrew, Relay Bracket to Floorboard	2	40	AW36/4	Lockwasher, Ball Joint	1
21		see Item 22		41	AW206062	Relay Assembly, Front Control Rod to Rear Control Rod (including Item 41A)	1
22	M550616	Pedal Relay Assembly (including Items 21, 23 and 26)	1	41A	AW200064	†Oilite Bush	2
23		See Item 22		42	AW36/4	Lockwasher, Ball Joint	1
24	AW4/4	Springwasher, Relay Bracket to Floorboard	2	43		Nut, Ball Joint	
25	AW6/65	Nut, Relay Bracket to Floorboard	2		AW6/97	for Cummins Powered M/c's	1
26		See Item 22			AW6/65	for DAF Powered M/c's	1
27	AW6/97	Nut, Ball Joint	1	44		Rear Control Rod, Relay to Engine	
					AW206313	for Cummins Powered M/c's	1
					AW206066	for DAF Powered M/c's	1
				45		Ball Joint, Rear Control Rod	
					AW65/1	for Cummins Powered M/c's	1
					M941484	for DAF Powered M/c's	1

†—Not Illustrated

ACCELERATOR PEDAL AND LINKAGE (CUMMINS AND DAF)—(continued)

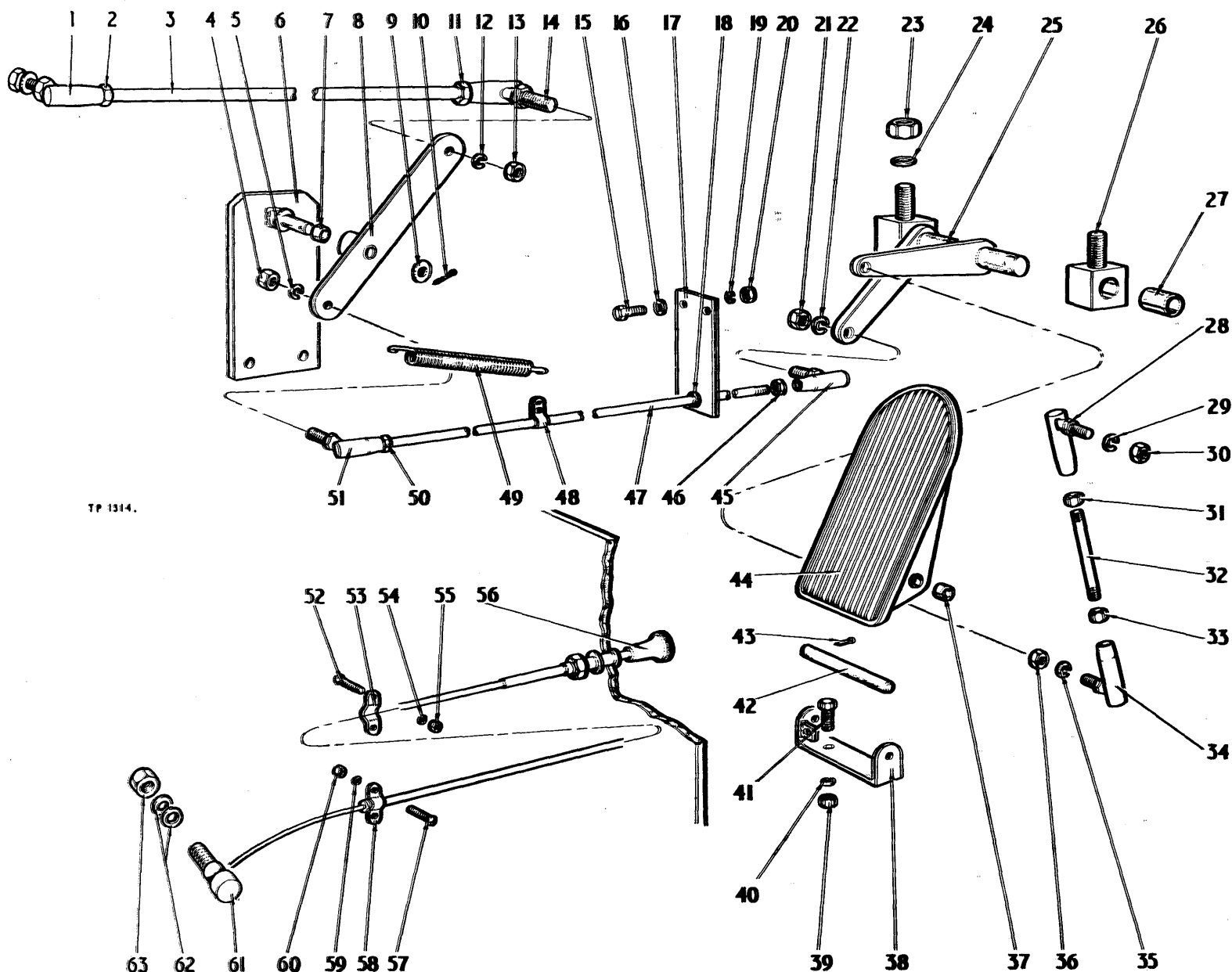
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
46	AW36/4	Lockwasher, Ball Joint.....	1	53	AW202968	†Bracket for Stop Control Cable Clip (including Items 53A, 53B and 53C)	1
47		Nut, Ball Joint					
	AW6/97	for Cummins Powered M/c's	1				
	AW6/65	for DAF Powered M/c's.....	1	53A	AW22/10	†Screw—Bracket to Upper Pivot Assembly	1
48	AW200196	Retaining Clip, Pull-off Spring (including Items 48A, 48B and 48C)	1	53B	AW4/3	†Springwasher, Bracket to Upper Pivot Assembly	1
48A		Screw, Retaining Clip					
	AW22/9	for Cummins Powered M/c's	1	53C	AW23/3	†Nut, Bracket to Upper Pivot Assembly	1
	AW22/7	for DAF Powered M/c's.....	1				
48B	AW23/3	Nut, Retaining Clip	1	54	411-145	†Clip to Bracket	1
48C		Washer, Retaining Clip		54A	AW22/7,	†Screw, Clip to Bracket	1
	AW36/2	for Cummins Powered M/c's	1	54B	AW4/3	†Springwasher, Clip to Bracket	1
	AW4/3	for DAF Powered M/c's	1	54C	AW23/3	†Nut, Clip to Bracket	1
49		Ball Joint, Rear Control Rod		55	UFN104/A	†Nut, Cable Adaptor	1
	AW65/1	for Cummins Powered M/c's	1				
	M941484	for DAF Powered M/c's	1	56	AW2/6	†Washer, Cable Adaptor	2
50	UFN204/A	Locknut, Rear Control Rod	1	57	AW200095	†Adaptor, Stop Cable to Engine	1
51	M551644	Pull-off Spring	1	58	AW23/3	†Nut, Cable Clip	2
				59	AW4/51	†Washer, Cable Clip	2
				60	AW22/9	†Screw, Cable Clip	2

**ENGINE STOP
(CUMMINS JF-6-BI)**

(effective with serials OS.201/1 & thereafter)

52 AW200094 †Stop Control Cable, Engine..... 1

†—Not Illustrated



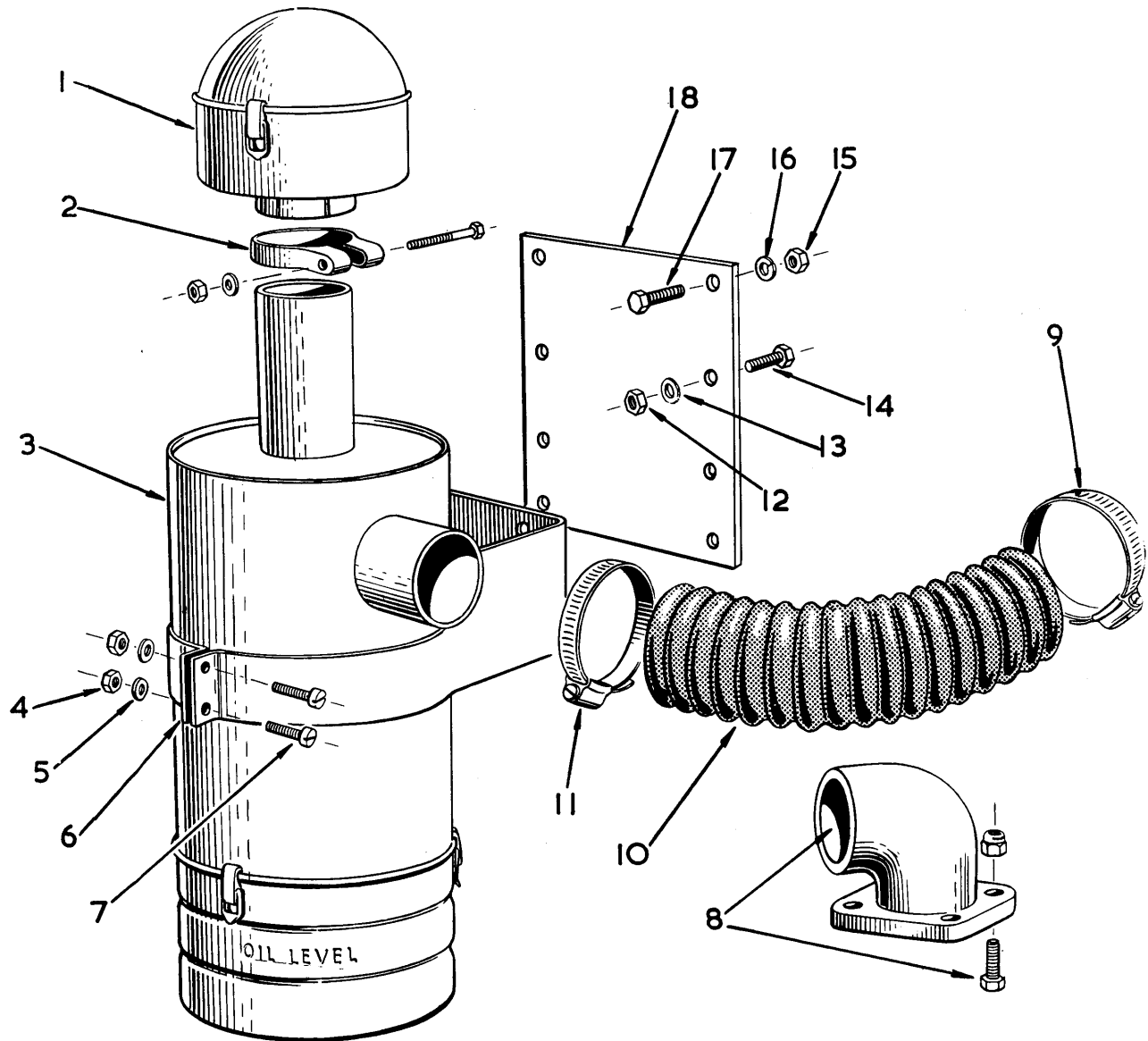
TP 1314.

ACCELERATOR PEDAL AND LINKAGE (VOLVO)

(effective with serials OSI76/1 and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW65/3	Ball Joint, Engine to Relay.....	1	32	AW200069	Control Rod, Pedal to Relay	1
1A	AW6/67	Nut, Ball Joint	1	33	UFN204/A	Nut, Lock Ball Joint	1
1B	AW36/7	Washer, Ball Joint	1	34	AW65/1	Ball Joint, Control Rod	1
2	UFN206/A	Nut, Lock Ball Joint, Relay Pivot to Engine	1	35	AW36/4	Washer, Ball Joint	1
3	AW206005	Control Rod, Relay Pivot to Engine	1	36	AW6/65	Nut, Ball Joint.....	1
4	AW6/66	Nut, Ball Joint, Control Rod, Relay Shaft to Relay Pivot.....	1	37	AW200064	Oilite Bush, Accelerator Pedal	2
5	AW36/6	Washer, Ball Joint	1	38	AW200065	Pivot Bracket Assembly	1
6	AW206006	Relay Lever Pivot Assembly	1	39	AW6/65	Nut, Bracket to Floorboards.....	2
6A	AW206200	†Packing Plate	1	40	AW36/4	Washer, Bracket to Floorboards	2
6B	FBI06/11R	†Bolt, Relay Lever Pivot to Engine Mtg. Bracket.....	2	41	AW54/304	Setscrew, Bracket to Floorboards	2
6C	AW4/6	†Washer, Spring	2	42	AW200068	Pivot Pin.....	1
6D	FN106/A	†Nut	2	43	AW5/58	Split Pin	1
7	AW200064	Bushing, Relay Arm	2	44	AW200526	Accelerator Pedal	1
8	AW206009	Relay Arm	1	44A	AW13/317	†Bolt, Pedal Stop	1
9	AW2/107	Plain Washer, Relay Arm.....	1	44B	AW6/66	†Nut, Pedal Stop	2
10	AW5/58	Split Pin, Relay Arm	1	44C	AW36/6	†Washer, Pedal Stop	2
11	UFN206/A	Nut, Lock Ball Joint, Relay Pivot to Engine	1	45	AW65/2	Ball Joint, Control Rod	1
12	AW36/7	Washer, Ball Joint	1	46	UFN205/A	Nut, Lock, Ball Joint	1
13	AW6/67	Nut, Ball Joint	1	47	AW206004	Control Rod, Relay Shaft to Relay Pivot.....	1
14	AW65/3	Ball Joint, Engine to Relay	1	48	AW200196	Clip, Spring Anchor	1
15	AW54/303	Belt, Guide Bracket	2	48A	AW22/9	†Screw, Clip	1
16	AW2/6	Washer, Plain, Guide Bracket.....	2	48B	AW23/3	†Nut, Clip	1
17	AW206011	Guide Bracket for Relay Shaft.....	1	48C	AW36/2	†Lockwasher, Clip	1
18	AW67/2	Grommet, Guide Bracket	1	49	M551644	Spring	1
19	AW4/4	Springwasher, Guide Bracket.....	2	50	UFN205/A	Nut, Lock, Ball Joint.....	1
20	AW6/65	Nut, Guide Bracket	2	51	AW65/2	Ball Joint, Control Rod	1
21	AW6/66	Nut, Ball Joint to Relay Shaft Assembly	1	ENGINE STOP			
22	AW36/6	Washer, Ball Joint	1	52	AW22/9	Screw, Clip to Frame	2
23	AW25/95	Nut, Bearing Block.....	2	53	411-45	Clip, Cable to Frame	1
24	AW2/10	Washer, Bearing Block	2	54	AW4/51	Washer, Clip to Frame	2
25	AW206002	Relay Shaft Assembly	1	55	AW23/3	Nut, Clip to Frame	2
26	AW200074	Bearing Block	2	56	AW201742	Stop Control Cable	1
27	AW200076	Oilite Bush, Bearing Block	2	57	AW22/9	Screw, Clip to Frame	2
28	AW65/1	Ball Joint Control Rod	1	58	411-45	Clip, Cable to Frame	1
29	AW36/4	Washer, Ball Joint	1	59	AW4/51	Washer, Clip to Frame.....	2
30	AW6/65	Nut, Ball Joint	1	60	AW23/3	Nut, Clip to Frame	2
31	UFN204/A	Nut, Lock Ball Joint.....	1	61	AW200095	Adaptor, Stop Cable	1
				62	AW2/6	Washer, Stop Cable	1
				63	UFN104/A	Nut, Stop Control Cable	1

†—Not Illustrated



TP 1013

AIR CLEANER AND ATTACHING PARTS

AIR CLEANER AND ATTACHING PARTS
(LEYLAND ENGINE 0350, DAF ENGINE DD575A AND VOLVO)

(effective with serials: OS.122/1 & thereafter, OS.220A/1 & thereafter, OS.176/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
1	AW200302	Pre-Cleaner	1
2	AW200304	"C" Clip	1
3		Air Cleaner	
	AW200301	Models OS.122/11 and after, OS.220A/1 and after and OS.176/1 and after	1
	AW200433	Models OS.122/1/thru 10	1
4	UFN105/A	Nut, Mounting Bracket	2
5	AW4/5	Lockwasher, Mounting Bracket	2
6	AW200303	Mounting Bracket, Air Cleaner	1
7	UFB105/12R	Bolt, Mounting Bracket	2
8		Air Horn, supplied with Engine	1
9		Clip, Air Hose	
	AW53/13	Models OS.122/11 and after	1
	AW53/14	Models OS.122/1/thru 10	1
10		Hose	
	AW200403	3" Bore (Models OS.122/11 and after, OS.220A/1 and after and OS.176/1 and after)	1
	AW200336	3½" Bore (Models OS.122/1/thru 10)	1
11		Clip Air Hose	
	AW53/13	Models OS.122/11 and after, OS.220A/1 and after, and OS.176/1 and after	1
	AW53/14	Models to OS.122/1/thru 10	1
12	AW6/66	Nut, Air Cleaner to Mtg. Plate	4
13	AW4/5	Washer, Air Cleaner to Mtg. Plate	4
14	AW55/304	Bolt, Air Cleaner to Mtg. Plate	4
15	AW6/66	Nut, Mounting Plate to Reservoir	4
16	AW4/5	Washer, Mounting Plate to Reservoir	4
17	AW55/304	Bolt, Mounting Plate to Reservoir	4
18	AW200279	Mounting Plate, Air Cleaner	1
19	AW206060	†Elbow (DAF Powered)	1
20	AW53/13	†Jubilee Clip (Size 4) (DAF Powered)	1

† — Not Illustrated

AIR CLEANER AND ATTACHING PARTS (PERKINS ENGINE)

Refer to Perkins Spares List

EXHAUST SYSTEM (LEYLAND ENGINE)

(effective with serials OS.122/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
1	AW201483	Silencer, Exhaust	1
1A	AW200300	Packing Washer	2
2	AW25/93	Nut, Silencer to Hood	1
3	AW2/8	Washer, Silencer to Hood	1
4	AW14/303	Bolt, Silencer to Hood	1
5		Nut, Silencer to Manifold (see Engine)	3
6		Washer, Silencer to Manifold (see Engine)	3
7		Bolt, Silencer to Manifold (see Engine)	3

EXHAUST SYSTEM (PERKINS ENGINE)

(effective with serials OS.119/1 & thereafter, OS.199/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
1	AW200178	†Exhaust Silencer	1
2	AW200179	†Clip, Silencer to Manifold Flange	1
3	AW200205	†Flange, Exhaust Manifold	1
4	AW200201	†Clip, Silencer to Hood	2
5	AW56/305	†Bolt, Clip	2
6	AW6/67	†Nut, Clip	2
7	AW4/6	†Lockwasher, Clip	2

EXHAUST SYSTEM (DAF ENGINE)

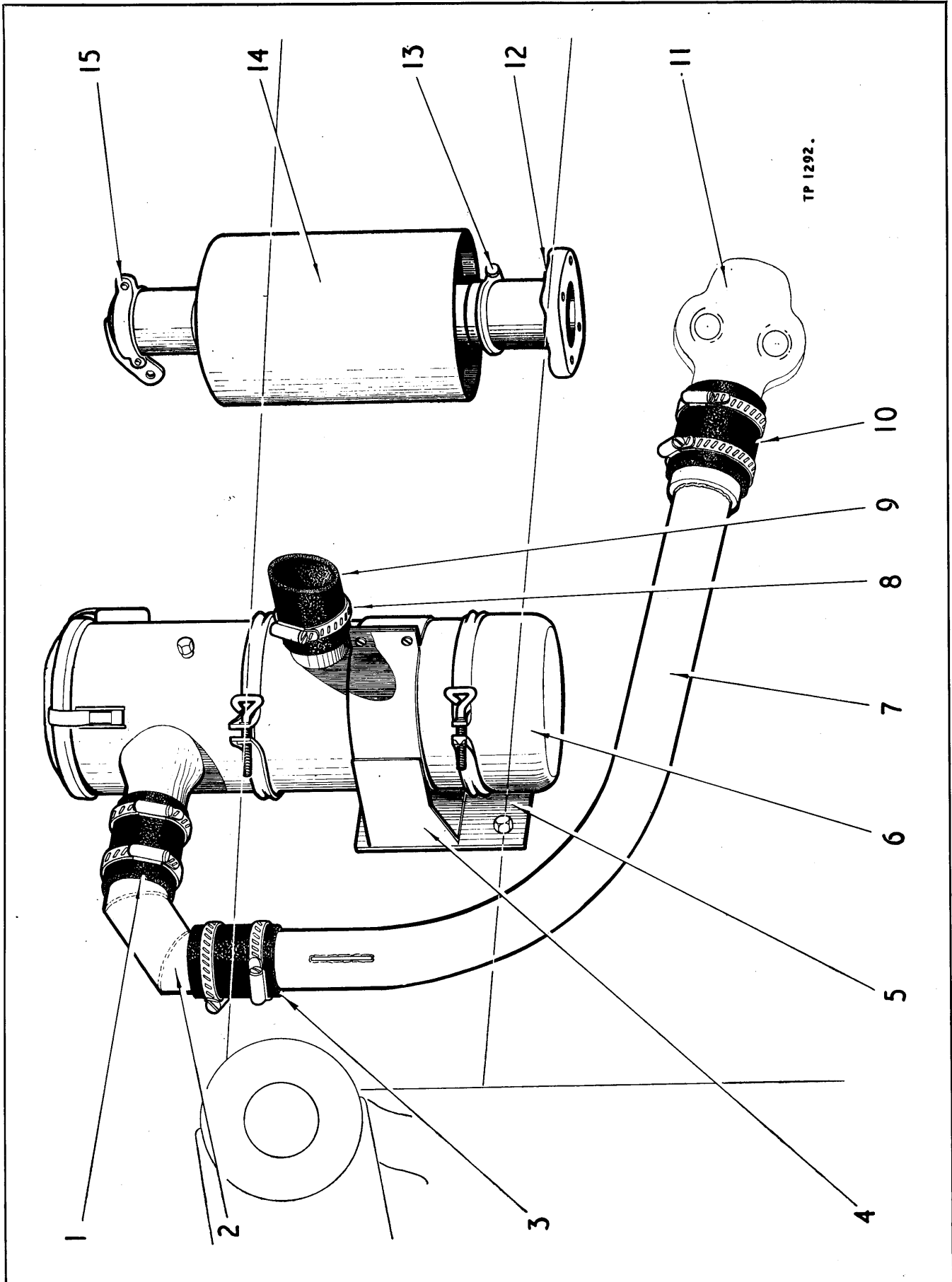
(effective with serials OS.220A/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
1	AW206058	†Exhaust Silencer and Manifold Assembly	1
2	AW206059	†Elbow, Exhaust Silencer	1
3	AW200299	†Clip, Silencer Support	1
4	AW206152	†Flange, Exhaust Manifold	1
5	AW200300	†Packing Washer	2
6	AW14/303	†Bolt, Silencer to Hood	1
7	AW25/93	†Nut, Nyloc	1
8	AW2/8	†Plain Washer	1

EXHAUST SYSTEM (VOLVO ENGINE)

(effective with serials OS.176/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
1	AW205004	†Silencer Assembly	1
2	AW206041	†Exhaust Bend Assembly	1
3	UFB106/8R	†Bolt, Silencer to Hood	4
4	AW6/67	†Nut	4
5	AW4/6	†Springwasher	4
6	AW200179	†Clip	1
7	AW202455	†Raincap	1



**AIR CLEANER AND ATTACHING
PARTS (CUMMINS)**

(effective with serials OS.201/I & thereafter)

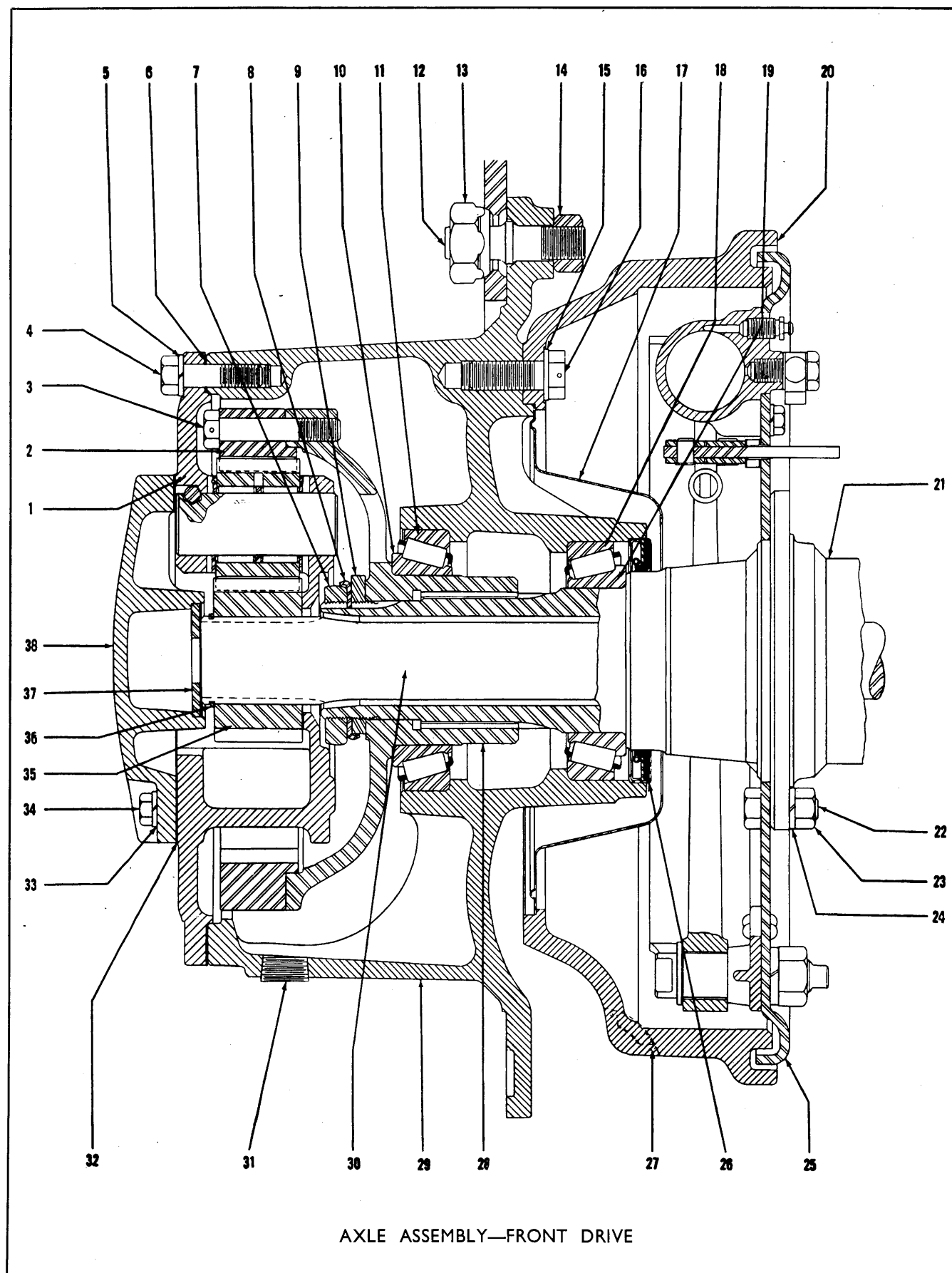
Item No.	Part No.	Description	No. Req'd.
1	AW66/15	Hose, Filter to Elbow	1
1A	AW53/14	Jubilee Clip	2
2	AW205419	Elbow, Hose to Hose	1
3	AW66/15	Hose, Elbow to Tube Assembly	1
3A	AW53/14	Jubilee Clip	2
4	AW204969	Bracket Mounting	1
5	AW205418	Plate Mounting	1
5A	AW55/303	†Setscrew	8
5B	AW4/5	†Springwasher	8
5C	AW6/66	†Nut	8
6	AW204968	Air Cleaner	1
6A	AW207321	†Filter Kit	
7	AW205417	Tube Assembly, Hose to Hose	1
8	AW53/14	Jubilee Clip	1
9	AW204973	Intake Hose	1
10	AW66/11	Hose, Tube Assembly to Hood	1
10A	AW53/15	Jubilee Clip	2

+ Not Illustrated

**EXHAUST SYSTEM
(CUMMINS)**

(effective with serials OS.201/I & thereafter)

Item No.	Part No.	Description	No. Req'd.
11		Hood, Hose to Induction Manifold (supplied with Engine) (including Items 11A, 11B, 11C and 11D)	1
11A	AW55/303	†Setscrew	2
11B	AW4/5	†Springwasher	2
11C	AW2/107	†Plain Washer	2
11D	AW6/66	†Nut	2
12	AW205612	Exhaust Flange Assembly	1
12A		†Gasket (supplied with Engine)	1
12B		†Capscrew (supplied with Engine)	4
12C		†Lockwasher (supplied with Engine) ..	4
13	AW206465	Clip, Complete with Bolt, Nut and Washer	1
14	AW205403	Silencer	1
15	AW203139	Raincap	1

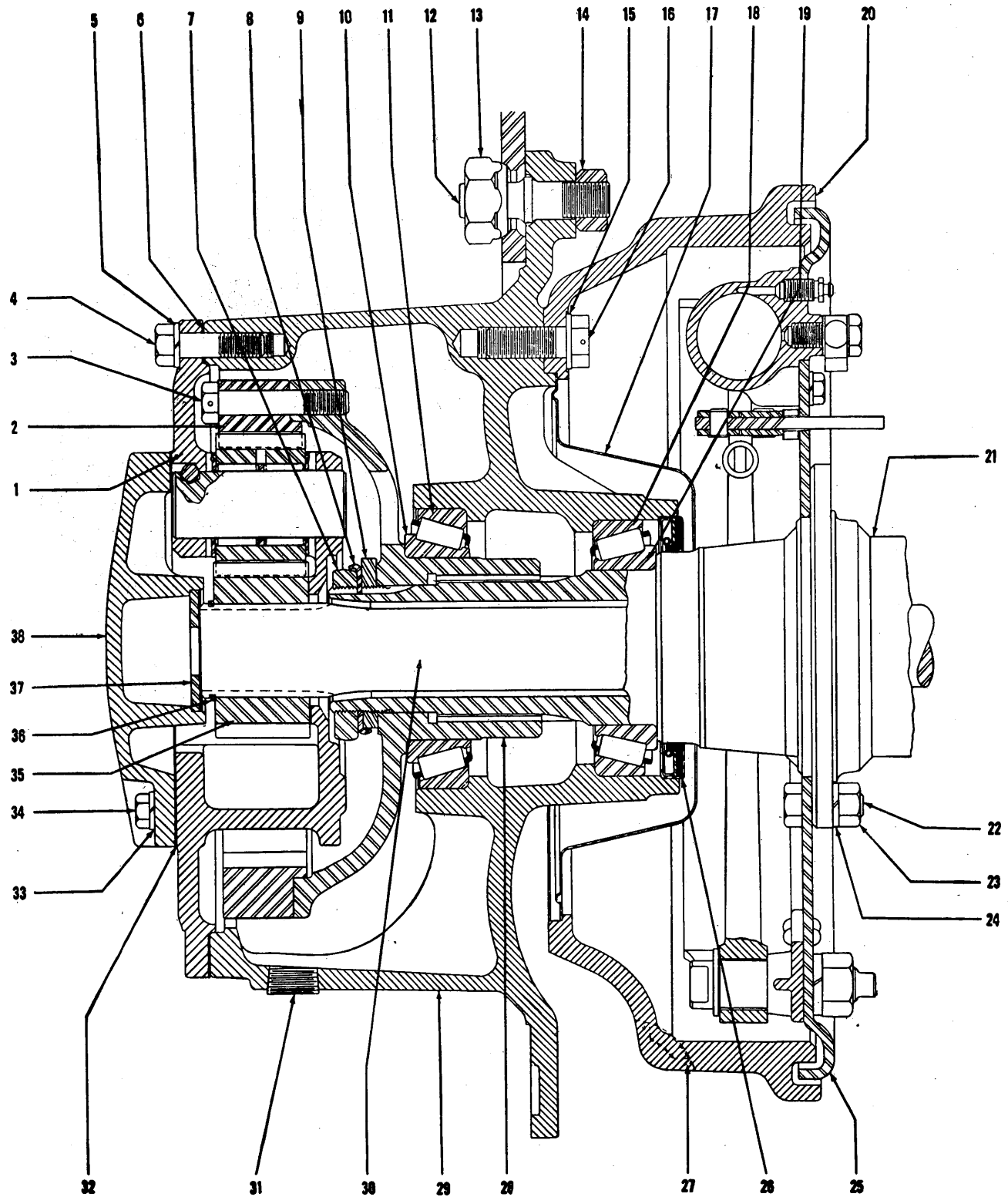


AXLE ASSEMBLY—FRONT DRIVE

AXLE ASSEMBLY—FRONT DRIVE (FDA 19 & FDA 19/1)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		Front Drive Axle Assembly—Complete (Inc. items 1 thru 49)		25		Brake Assembly—L.H. (see Index)	1
	FDA19	With Input Flange Tapped	1	25A		Brake Assembly—R.H. (see Index)	1
	FDA19/1	With Input Flange Drilled	1	26	M106092	Seal, Hub Oil	2
1	M106346	Planet Spider Assembly (see Index)	2	27	M107608	Clip, Inspection Hole Cover	2
2	M106059	Gear, Internal	2	28	M940330	Internal Gear Hub and Bolt Kit (including Item 3)	2
3	M106880	Bolt, Internal Gear	16	29	M110114	Hub and Cup Assembly (including Items 11 and 18)	2
3A		Lockwire—18 gauge	8	30	M106087	Shaft, Axle	2
4	M100970	Bolt, Planet Spider	20	31	M11F-12	Plug, Hub Drain and Filler	2
5	AW36/29	Lockwasher, Planet Spider	20	32	M106068	Gasket, Thrust Cap	2
6	M106066	Gasket, Planet Spider	2	33	AW4/7	Lockwasher, Thrust Cap	12
7	M100966	Nut, Housing Tube—Outer	2	34	UCB107/10R	Bolt, Thrust Cap	12
8	M100967	Lock, Housing Tube Nut	2	35	M106058	Sun Gear	2
9	M100965	Nut, Housing Tube—Inner	2	36	M224028	Snap Ring, Sun Gear	2
10	M675256	Cone, Hub Bearing—Outer	2	37	M106455	Washer, Sun Gear Thrust Cap	2
11	M675255	Cup, Hub Bearing—Outer	2	38	M106067	Cap, Sun Gear Thrust	2
12	M103445	Stud, Wheel	20	38A	M106454	Sun Gear Thrust Cap Assembly (including Items 37 and 38)	2
13	M103522	Nut, Wheel	20	39	M14F-12	†Plug, Housing Drain	1
14	M103076	Nut, Wheel Stud	20	40	M13F-12	†Plug, Housing Filler	1
15	M104412	Washer, Brake Drum	12	41	UCS108/4R	†Bolt, Puller Hole	4
16	M107256	Bolt, Brake Drum	12	42	AW4/77	†Lockwasher, Puller Hole Bolt	4
17	M101597	Oil Throw	2	43	M106656	†Breather Assembly	1
18	M675252	Cup, Hub Bearing—Inner	2	44	UCB107/11R	†Bolt, Differential Carrier	6
19	M675253	Cone, Hub Bearing—Inner	2	45	UCB107/14R	†Bolt, Differential Carrier	8
20	M106344	Brake Drum	2	46	AW4/7	†Lockwasher, Differential Carrier	14
21	M105422	Housing, Axle	1	47	AW200141	†Tee, Brake Line	1
22	M101092	Bolt, Brake Attaching	16	48		†Differential and Carrier Assembly (see Index)	
23	UFN108/A	Nut, Brake Attaching	16		M106102	For use with FDA19	1
24	AW4/8	Lockwasher, Brake Attaching	16		AW201193	For use with FDA19/1	1

† — Not Illustrated

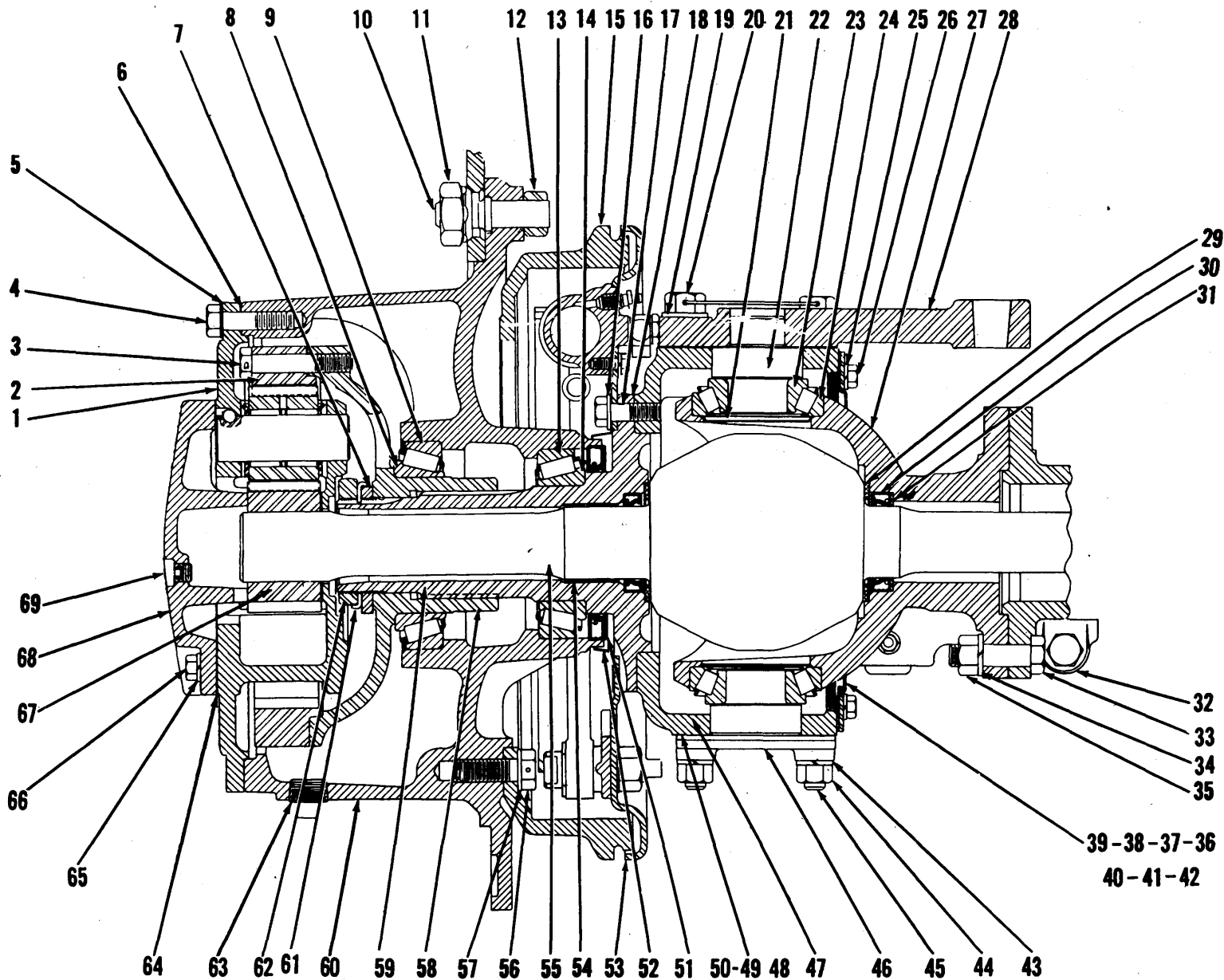


AXLE ASSEMBLY—FRONT DRIVE

AXLE ASSEMBLY—FRONT DRIVE (FDA52 & FDA54)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		Front Drive Axle Assembly—Complete (including Items 1 thru 49)	1	25		Brake Assembly—L.H. (see Index)	1
	FDA52	With Input Flange Tapped	1	25A		Brake Assembly—R.H. (see Index)	1
	FDA54	With Input Flange Drilled	1	26	MI11719	Seal, Hub Oil	2
1	MI06346	Planet Spider Assembly (see Index)	2	27	MI07608	Clip, Inspection Hole Cover	2
2	MI06059	Gear, Internal	2	28	M940330	Internal Gear Hub and Bolt Kit (including Item 3)	2
3	MI06880	Bolt, Internal Gear	16	29	MI10114	Hub and Cup Assembly (including Items 11 and 18)	2
3A		Lockwire—18 gauge	8	30	MI06087	Shaft, Axle	2
4	MI00970	Bolt, Planet Spider	20	31	MI1F-12	Plug, Hub Drain and Filler	2
5	AW36/29	Lockwasher, Planet Spider	20	32	MI06068	Gasket, Thrust Cap	2
6	MI06066	Gasket, Planet Spider	2	33	AW4/7	Lockwasher, Thrust Cap	12
7	MI00966	Nut, Housing Tube—Outer	2	34	UCB107/10R	Bolt, Thrust Cap	12
8	MI00967	Lock, Housing Tube Nut	2	35	MI06058	Sun Gear	2
9	MI00965	Nut, Housing Tube—Inner	2	36	M224028	Snap Ring, Sun Gear	2
10	M675256	Cone, Hub Bearing—Outer	2	37	MI06455	Washer, Sun Gear Thrust Cap	2
11	M675255	Cup, Hub Bearing—Outer	2	38	MI06067	Cap, Sun Gear Thrust	2
12	MI03445	Stud, Wheel	20	38A	MI06454	Sun Gear Thrust Cap Assembly (including Items 37 and 38)	2
13	MI03522	Nut, Wheel	20	39	MI4F-12	†Plug, Housing Drain	1
14	MI03076	Nut, Wheel Stud	20	40	MI3F-12	†Plug, Housing Filler	1
15	MI04412	Washer, Brake Drum	12	41	UCS108/4R	†Bolt, Puller Hole	4
16	MI07256	Bolt, Brake Drum	12	42	AW4/77	†Lockwasher, Puller Hole Bolt	4
17	MI01597	Oil Throw	2	43	MI06656	†Breather Assembly	1
18	M675252	Cup, Hub Bearing—Inner	2	44	UCB107/11R	†Bolt, Differential Carrier	6
19	M675253	Cone, Hub Bearing—Inner	2	45	UCB107/14R	†Bolt, Differential Carrier	8
20	MI06344	Brake Drum	2	46	AW4/7	†Lockwasher, Differential Carrier	14
21	MI05422	Housing, Axle	1	47	AW200141	†Tee, Brake Line	1
22	MI01092	Bolt, Brake Attaching	16	48		†Differential and Carrier Assembly (see Index)	1
23	UFN108/A	Nut, Brake Attaching	16		MI06102	For use with FDA52	1
24	AW4/8	Lockwasher, Brake Attaching	16		AW201193	For use with FDA54	1

†—Not Illustrated



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AXLE ASSEMBLY—REAR DRIVE STEER (RDA15 & RDA15/I)

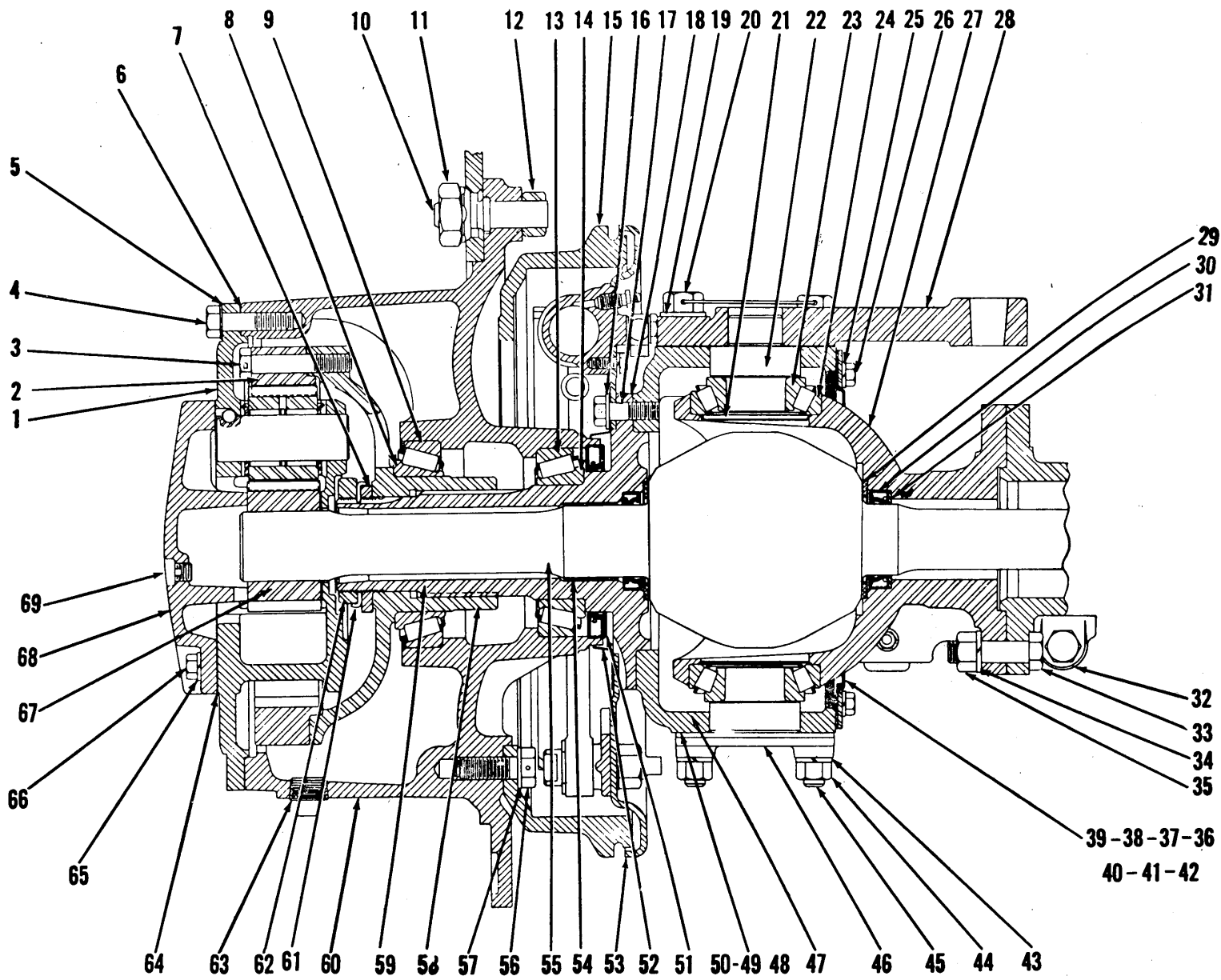
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		Rear Drive and Steer Axle Assembly (including items 1 thru 79)		28	MI06790	Steering Arm.....	1
	RDA15	With Input Flange Tapped.....	1	28A	MI06319	‡Shim, Steering Arm—Thick	
	RDA15/I	With Input Flange Drilled.....	1	28B	MI06320	‡Shim, Steering Arm—Medium	
1		Planet Spider Assembly—see Index.....	2	28C	MI06321	‡Shim, Steering Arm—Thin	
1A	UCS108/4R	Bolt, Puller Hole.....	4	29	MI06129	Washer, Universal Joint Thrust	4
1B	AW4/57	Lockwasher, Puller Hole Bolt.....	4	30	MI06127	Oil Seal, Universal Joint Shaft.....	4
2	MI06059	Gear, Internal.....	2	31	MI06128	Washer, Oil Seal.....	2
3	MI06880	Bolt, Internal Gear.....	16	32		Tie Rod Assembly—see Index	1
3A		Lockwire—18 gauge.....	8	33	MI06735	Bolt, Outer End.....	16
4	MI00970	Bolt, Planet Spider.....	20	34		Omit	
5	AW36/29	Lockwasher, Planet Spider.....	20	35	MI06998	Nut, Outer End.....	16
6	MI06066	Gasket, Planet Spider.....	2	36	MI06130	Retainer, Outer End Oil Seal.....	2
7	MI00965	Nut, Steering Spindle—Inner.....	2	37	MI06131	Gasket, Outer End Oil Seal Retainer.....	2
8	M675256	Cone, Hub Bearing—Outer.....	2	38	MI06132	Seal, Outer End Oil.....	2
9	M675255	Cup, Bearing—Outer.....	2	39	MI06133	Seal, Outer End Dust.....	2
10	MI03445	Stud, Wheel.....	20	40	MI06134	Spring, Outer End Dust Seal.....	2
11	MI03522	Nut, Wheel.....	20	41	MI06135	Retainer, Outer End Dust Seal	2
12	MI03076	Nut, Wheel Stud.....	20	42	MI06136	Ring, Outer End Seal Retainer	4
13	M675250	Cup, Bearing—Inner.....	2	43	AW4/9	Lockwasher, Steering Trunnion Stud.....	12
14	M675253	Cone, Hub Bearing—Inner.....	2	44	UFN109/A	Nut, Steering Trunnion Stud.....	12
15	MI06815	Brake Drum.....	2	45	MI06115	Stud, Steering Trunnion.....	12
16	MI06762	Washer, Steering Spindle.....	20	46	MI06119	Steering Trunnion—Flanged.....	3
17	MI06539	Bolt, Steering Spindle.....	20	47	MI06100	Steering Spindle Support Assembly — R.H. (including Items 45 and 47B).....	1
18	MI06095	Gasket, Steering Spindle.....	2	47A	MI06101	Steering Spindle Support Assembly — L.H. (including Items 45 and 47C).....	1
19	MI02766	Washer, Steering Arm Bolt—Outer.....	2	47B	MI06111	Steering Spindle Support—R.H.	1
19A	MI04549	Washer, Steering Arm Bolt—Inner.....	2	47C	MI06112	Steering Spindle Support—L.H.	1
20	MI06313	Bolt, Steering Arm—Outer.....	2	48	MI06123	‡Shim, Steering Trunnion—Thick	
20A	MI06322	Bolt, Steering Arm—Inner.....	2	49	MI06124	‡Shim, Steering Trunnion—Medium	
20B		Lockwire, Steering Arm Bolt—18 gauge.....	2	50	MI06125	‡Shim, Steering Trunnion—Thin	
21	MI06121	Retainer, Steering Trunnion Oil	2	51	MI06092	Seal, Hub Oil.....	2
22	MI06120	Steering Trunnion.....	1	52	MI06820	Oil Slinger.....	2
23	M675305	Cone, Steering Trunnion Bearing.....	4	53		Brake Assembly—see Index.....	2
24	M675306	Cup, Steering Trunnion Bearing	4	54	MI06099	Bushing, Steering Spindle.....	2
25	AW4/6	Lockwasher, Outer End.....	24	55	MI06096	Axle Shaft and Universal Joint Assembly.....	2
26	UCS106/6R	Bolt, Outer End.....	24	56	MI07256	Bolt, Brake Drum.....	12
27	MI09075	Housing, Outer End.....	2				
27A	MI3F-12	Filler Plug, Outer End Housing	2				

† — Not Illustrated
‡ — As Required

AXLE ASSEMBLY—REAR DRIVE STEER—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
57	M104412	Washer, Brake Drum.....	12	69	M14F-4	Plug, Oil Level.....	2
58	M106879	Hub, Internal Gear.....	2	70	M13F-12	†Plug, Housing Filler.....	1
59	M106821	Steering Spindle Assembly (including Item 54).....	2	71	M14F-12	†Plug, Housing Drain.....	1
60	M106793	Hub and Cup Assembly (including Items 9 and 13).....	2	72	M12F-204	†Plug, Housing Expansion.....	1
60A	M100320	†Clip, Inspection Hole.....	2	73	M106656	†Breather.....	1
61	M100967	Lock, Steering Spindle Nut.....	2	74	M101004	†Gasket, Differential Carrier.....	1
62	M100966	Nut, Steering Spindle—Outer	2	75	UCB107/11R	†Bolt, Differential Carrier.....	6
63	M13F-12	Plug, Wheel Hub Filler.....	2	76	UCB107/14R	†Bolt, Differential Carrier.....	8
64	M106068	Gasket, Sun Gear Thrust Cap.....	2	77	AW4/7	†Lockwasher, Differential Carrier	14
65	AW4/7	Lockwasher, Thrust Cap.....	12	78	M106116	†Housing, Differential Carrier.....	1
66	UCB107/10R	Bolt, Thrust Cap.....	12	79		Differential and Carrier Assembly—see Index	
67	M106058	Sun Gear.....	2		M106075	For use with RDA15.....	1
68	M106183	Cap, Sun Gear Thrust.....	2		AW201194	For use with RDA15/1.....	1

† — Not Illustrated



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AXLE ASSEMBLY—REAR DRIVE STEER (RDA53 & RDA61)

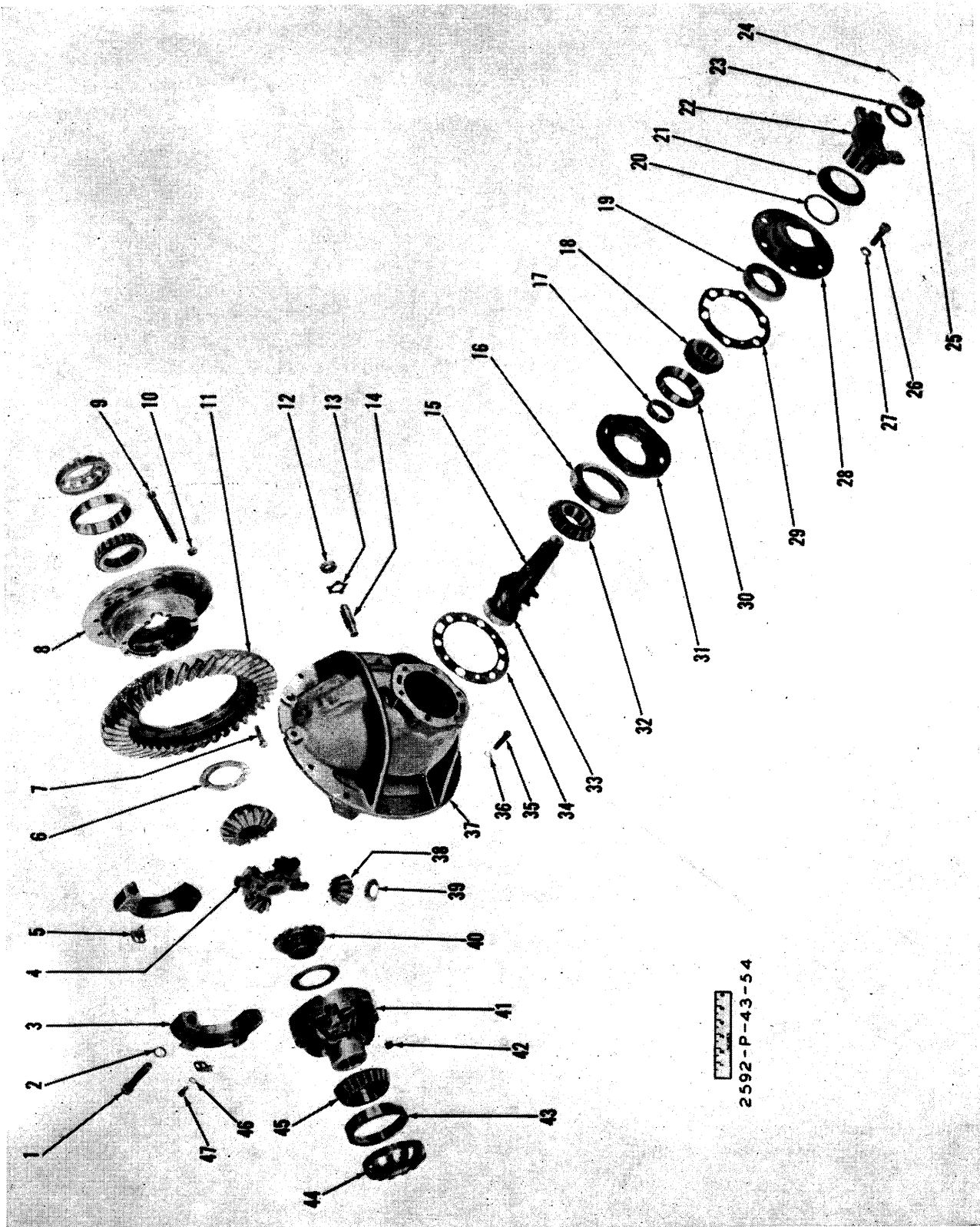
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		Rear Drive and Steer Axle Assembly (including items 1 thru 79)		27	MI09075	Housing, Outer End	2
	RDA53	With Input Flange Tapped.....	1	27A	MI3F-12	Filler, Plug, Outer End Housing	2
	RDA61	With Input Flange Drilled.....	1	28	MI06790	Steering Arm.....	1
1		Planet Spider Assembly (see Index).....	2	28A	MI06319	‡Shim, Steering Arm—Thick	
1A	UCS108/4R	Bolt, Puller Hole.....	4	28B	MI06320	‡Shim, Steering Arm—Medium	
1B	AW4/57	Lockwasher, Puller Hole Bolt.....	4	28C	MI06321	‡Shim, Steering Arm—Thin	
2	MI06059	Gear, Internal	2	29	MI06129	Washer, Universal Joint Thrust	4
3	MI06880	Bolt, Internal Gear	16	30	MI06127	Oil Seal, Universal Joint Shaft.....	4
3A		Lockwire—18 gauge	8	31	MI06128	Washer, Oil Seal.....	2
4	MI00970	Bolt, Planet Spider	20	32		Tie Rod Assembly—see Index.....	1
5	AW36/29	Lockwasher, Planet Spider.....	20	33	MI06735	Bolt, Outer End	16
6	MI06066	Gasket, Planet Spider	2	35		Omit	
7	MI00965	Nut, Steering Spindle—Inner.....	2	35	MI06998	Nut, Outer End	16
8	M675256	Cone, Hub Bearing—Outer	2	36	MI06130	Retainer, Outer End Oil Seal.....	2
9	M675255	Cup, Bearing—Outer.....	2	37	MI06131	Gasket, Outer End Oil Seal Retainer	2
10	MI03445	Stud, Wheel.....	20	38	MI06132	Seal, Outer End Oil	2
11	MI03522	Nut, Wheel	20	39	MI06133	Seal, Outer End Dust.....	2
12	MI03076	Nut, Wheel Stud	20	40	MI06134	Spring, Outer End Dust Seal	2
13	M675250	Cup, Bearing—Inner	2	41	MI06135	Retainer, Outer End Dust Seal	2
14	M675253	Cone, Hub Bearing—Inner	2	42	MI06136	Ring, Outer End Seal Retainer	4
15	MI06815	Brake Drum.....	2	43	AW4/9	Lockwasher, Steering Trunnion Stud	12
16	MI06762	Washer, Steering Spindle	20	44	UFN109/A	Nut, Steering Trunnion Stud.....	12
17	MI06539	Bolt, Steering Spindle	20	45	MI06115	Stud, Steering Trunnion	12
18	MI06095	Gasket, Steering Spindle	2	46	MI06119	Steering Trunnion—Flanged.....	3
19	MI02766	Washer, Steering Arm Bolt—Outer	2	47	MI06100	Steering Spindle Support Assembly — R.H. (including Items 45 and 47B)	1
19A	MI04549	Washer, Steering Arm Bolt—Inner	2	47A	MI06101	Steering Spindle Support Assembly — L.H. (including Items 45 and 47C)	1
20	MI06313	Bolt, Steering Arm—Outer	2	47B	MI06111	Steering Spindle Support—R.H.	1
20A	MI06322	Bolt, Steering Arm—Inner	2	47C	MI06112	Steering Spindle Support—L.H.	1
20B		Lockwire, Steering Arm Bolt—18 gauge	2	48	MI06123	‡Shim, Steering Trunnion—Thick	
21	MI06121	Retainer, Steering Trunnion Oil	2	49	MI06124	‡Shim, Steering Trunnion—Medium	
22	MI06120	Steering Trunnion	1	50	MI06125	‡Shim, Steering Trunnion—Thin	
23	M675305	Cone, Steering Trunnion Bearing	4	51	MI06092	Seal, Hub Oil	2
24	M675306	Cup, Steering Trunnion Bearing	4	52	MI06820	Oil Slinger	2
25	AW4/6	Lockwasher, Outer End	24	53		Brake Assembly—see Index.....	2
26	UCS106/6R	Bolt, Outer End	24				

†—Not Illustrated
‡—As Required

AXLE ASSEMBLY—REAR DRIVE STEER—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
54	M106099	Bushing, Steering Spindle	2	67	M106058	Sun Gear	2
55	M106096	Axle Shaft and Universal Joint Assembly	2	68	M106183	Cap, Sun Gear Thrust	2
56	M107256	Bolt, Brake Drum	12	69	M14F-4	Plug, Oil Level	2
57	M104412	Washer, Brake Drum	12	70	M13F-12	†Plug, Housing Filler	1
58	M106879	Hub, Internal Gear	2	71	M14F-12	†Plug, Housing Drain	1
59	M106821	Steering Spindle Assembly (including Item 54)	2	72	M12F-204	†Plug, Housing Expansion	1
60	M106793	Hub and Cup Assembly (including Items 9 and 13)	2	73	M106656	†Breather	1
60A	M100320	†Clip, Inspection Hole	2	74	M101004	†Gasket, Differential Carrier	1
61	M100967	Lock, Steering Spindle Nut	2	75	UCB107/11R	†Bolt, Differential Carrier	6
62	M100966	Nut, Steering Spindle—Outer	2	76	UCB107/14R	†Bolt, Differential Carrier	8
63	M13F-12	Plug, Wheel Hub Filler	2	77	AW4/7	†Lockwasher, Differential Carrier	14
64	M106068	Gasket, Sun Gear Thrust Cap.....	2	78	M106116	†Housing, Differential Carrier.....	1
65	AW4/7	Lockwasher, Thrust Cap	12	79		Differential and Carrier Assembly (see Index)	
66	UCB107/10R	Bolt, Thrust Cap	12		M106075	For use with RDA53	1
					AW201194	For use with RDA 61	1

†—Not Illustrated



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DIFFERENTIAL AND CARRIER ASSEMBLY

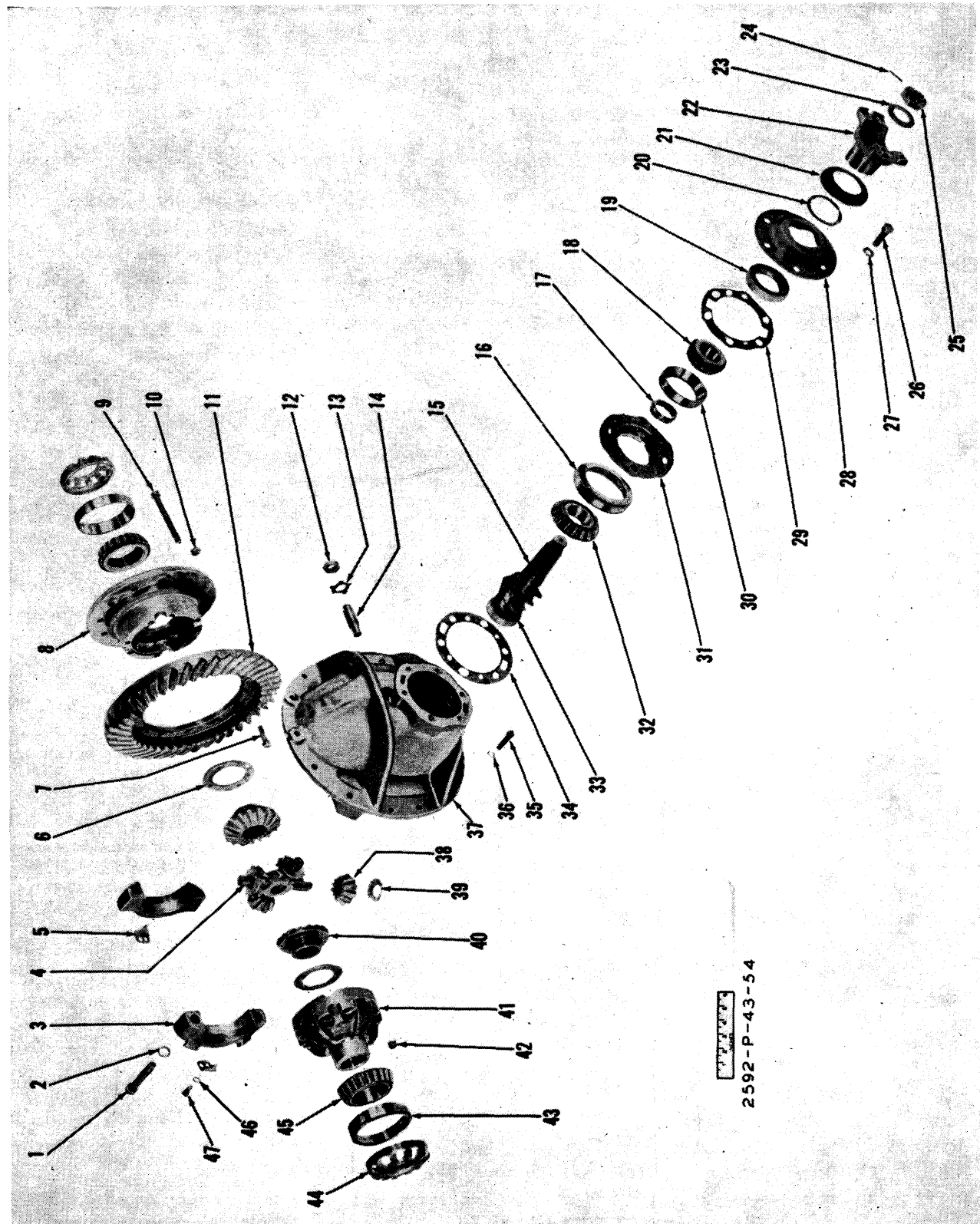
DIFFERENTIAL AND CARRIER ASSEMBLY

For Axles: FDA19, FDA19/I, RDA15 & RDA15/I only

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A*		Differential and Carrier Assembly—Front Drive		27	AW4/9	Lockwasher, Pinion Oil Seal Retainer	5
	M106102	For use with Axle FDA19	1	27A	AW4/8	Lockwasher, Pinion Oil Seal Retainer Locating.....	1
	AW201193	For Use with Axle FDA 19/I.....	1	28	M100942	Retainer, Pinion Oil Seal.....	1
B*		Differential and Carrier Assembly—Rear Drive		29	M100943	Gasket, Pinion Oil Seal Retainer	1
	M106075	For use with Axle RDA15.....	1	30	M675257	Cup, Pinion Outer Bearing.....	1
	AW201194	For use with Axle RDA15/I.....	1	31		§Cage, Outer Pinion Bearing (see Item 48).....	1
* (The Above Assemblies include 1 thru 34 and 37 thru 52)				32	M667277	Cone, Pinion Centre Bearing.....	1
1	M100937	Bolt, Diff. Carrier Cap Mtg.....	4	33	M675536	Bearing, Pinion Inner.....	1
2	M102766	Washer, Diff. Carrier Cap Mtg.	4	34	M100946	‡Shim, Bearing Cage—Thin	
3		Cap, Diff. Carrier (see Item 49)	2	34A	M100947	‡Shim, Bearing Cage—Medium	
4	M100171	Spider, Diff.....	1	34B	M100948	‡Shim, Bearing Cage—Thick	
5	M100941	Lock, Diff. Adjusting Nut.....	2	35	UCB107/11R	Bolt, Carrier to Axle Housing.....	6
6	M100173	Washer, Thrust—Diff. Side Gear	2	35A	UCB107/14R	Bolt, Carrier to Axle Housing.....	8
7	M100176	Bolt, Ring Gear.....	12	36	AW4/7	Lockwasher, Carrier to Axle Housing	14
8		Diff. Case—Flanged Half (see Item 53).....	1	37		Diff. Carrier (see Item 49).....	1
9	M100174	Bolt, Diff. Case.....	8	38	M100169	Pinion, Diff.	4
10	M21D-08	Nut, Ring Gear Bolt.....	12	39	M100172	Washer, Diff. Pinion Thrust.....	4
11		Gear, Ring (see Item 52).....	1	40	M100170	Gear, Side—Diff.....	2
12	UFN114/A	Nut, Diff. Thrust Screw.....	1	41		Plain Half—Diff. Case (see 53)....	1
13	M100954	Lock, Diff. Thrust Screw Nut.....	1	42	M21D-08	Nut, Diff. Case Bolt.....	8
14	M100953	Screw, Diff. Thrust.....	1	43	M675249	Cup, Diff. Bearing.....	2
15		Pinion (see 52).....	1	44	M100940	Nut, Diff. Adjusting.....	2
16	M667278	Cup, Pinion Centre Bearing	1	45	M675248	Cone, Diff. Bearing.....	2
17	M815040	Spacer Kit, Pinion Bearing	1	46	AW4/6	Lockwasher, Diff. Adj. Nut Lock	2
18	M710288	Cone, Pinion Outer Bearing.....	1	47	M204432	Bolt, Diff. Adj. Nut Lock.....	2
19	M100944	Seal, Pinion Oil.....	1	48	M100938	Bearing Cage and Cup Assembly (including Items 30 and 31).....	1
20	M100945	Gasket, Pinion Oil Seal.....	1	49	M106042	Diff. Carrier and Cap Assembly (including Items 1, 2, 3 and 37)	1
21	M100949	Shield, Pinion Dust.....	1	50	M100160	Diff. Body Sub Assembly (including Items 4, 6, 8, 9, 10 and 38 thru 41).....	1
22		Flange, Companion		51		Differential Assembly (including Items 7, 11, 15, 42 and 50)	
	M106081	With Tapped Holes for use with Axles FDA/19 & RDA15	1		M106103	Front Drive.....	1
	AW200943	With Drilled Holes, for use with Axles FDA19/I & RDA15/I	1		M106076	Rear Drive	1
23	M100951	Washer, Pinion Shaft.....	1	52		Ring Gear and Pinion Set (including Items 11 and 15).....	1
24	AW5/93	Cotter, Pinion Shaft.....	1		M815202	Front Drive	
25	M100950	Nut, Pinion Shaft.....	1		M815204	Rear Drive	
26	UCB109/14R	Bolt, Pinion Oil Seal Retainer.....	5	53	M815203	Diff. Case Kit (including Items 8 and 41).....	1
26A	UCB108/14R	Bolt, Pinion Oil Seal Retainer Locating	1				

§ — Not Sold Separately

‡ — As Required



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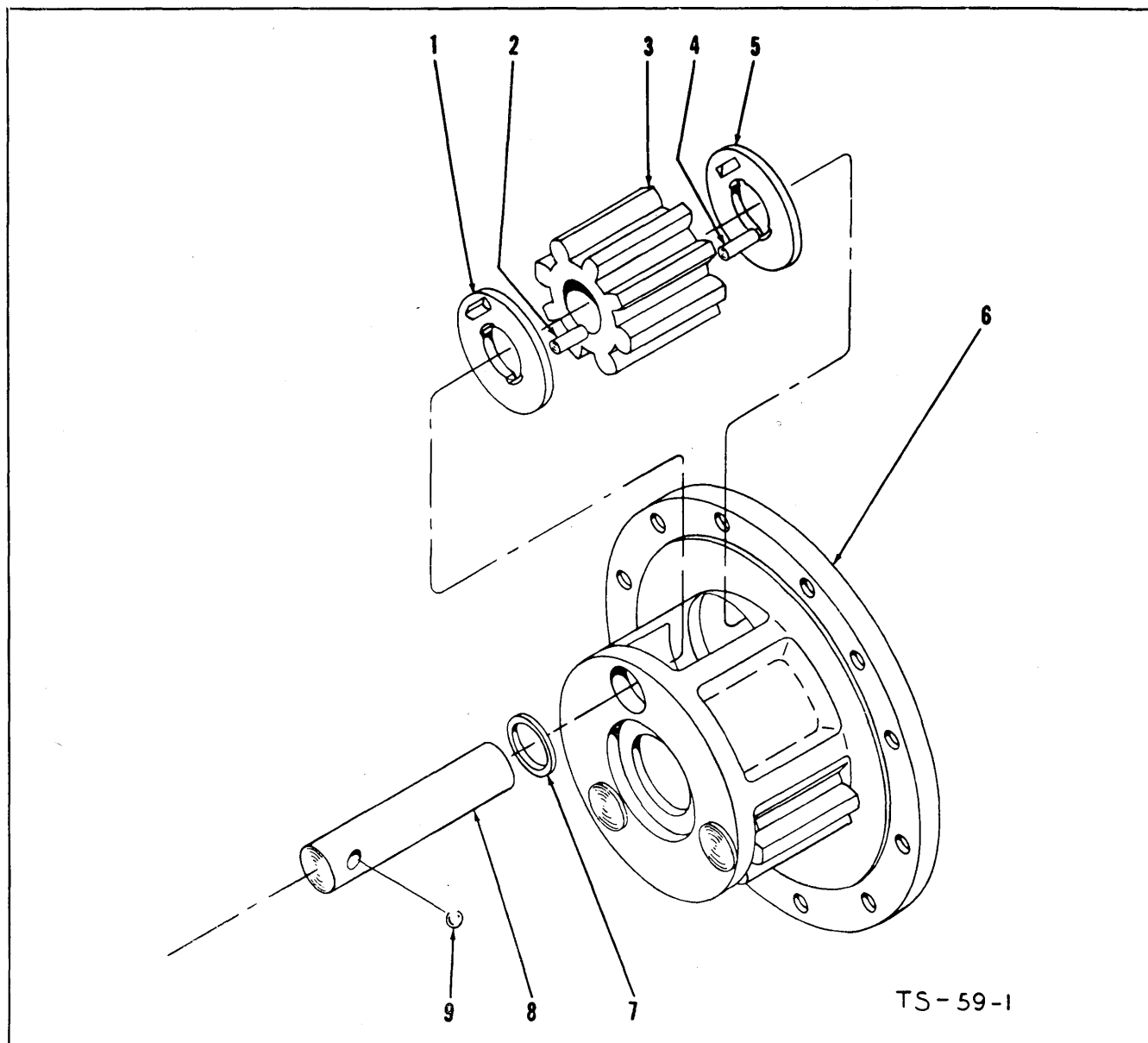
DIFFERENTIAL AND CARRIER ASSEMBLY

DIFFERENTIAL AND CARRIER ASSEMBLY
For Axles: FDA52, FDA54, RDA53 and RDA61 ONLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A*		Differential and Carrier Assembly—Front Drive		27A	AW4/8	Lockwasher, Pinion Oil Seal Retainer Locating	1
	M106102	For use with Axle FDA52.....	1	28	M112352	Retainer, Pinion Oil Seal.....	1
	AW201193	For use with Axle FDA54.....	1	29	M112353	Gasket, Pinion Oil Seal Retainer	1
B*		Differential and Carrier Assembly—Rear Drive		30	M675257	Cup, Pinion Outer Bearing	1
	M106075	For use with Axle RDA 53	1	31		§Cage, Outer Pinion Bearing (see Item 48)	1
	AW201194	For use with Axle RDA 61	1	32	M667277	Cone, Pinion Centre Bearing.....	1
*(The Above Assemblies include 1 thru 34 and 37 thru 52)				33	M675536	Bearing, Pinion Inner	1
1	M100937	Bolt, Diff. Carrier Cap Mtg.	4	34	M112345	‡Shim, Bearing Cage—Thin	
2	M111656	Washer, Diff. Carrier Cap Mtg.	4	34A	M112355	‡Shim, Bearing Cage—Medium	
3		Cap, Diff. Carrier (see Item 49)	2	34B	M112356	‡Shim, Bearing Cage—Thick	
4	M100171	Spider, Diff.	1	35	UCB107/11R	Bolt, Carrier to Axle Housing.....	6
5	M100941	Lock, Diff. Adjusting Nut.....	2	35A	UCB107/14R	Bolt, Carrier to Axle Housing.....	8
6	M100173	Washer, Thrust—Diff. Side Gear	2	36	AW4/7	Lockwasher, Carrier to Axle Housing	14
7	M100176	Bolt, Ring Gear	12	37		Diff. Carrier (see Item 49)	1
8		Diff. Case—Flanged Half (see Item 53)	1	38	M100169	Pinion, Diff.	4
9	M100174	Bolt, Diff. Case	8	39	M100172	Washer, Diff. Pinion Thrust	4
10	M21D-08	Nut, Ring Gear Bolt	12	40	M100170	Gear, Side—Diff.....	2
11		Gear, Ring (see Item 52)	1	41		Plain Half—Diff. Case (see 53) ..	1
12	UFN114/1	Nut, Diff. Thrust Screw.....	1	42	M104182	Nut, Diff. Case Bolt	8
13	M100954	Lock, Diff. Thrust Screw Nut....	1	43	M675249	Cup, Diff. Bearing.....	2
14	M100953	Screw, Diff. Thrust	1	44	M100940	Nut, Diff. Adjusting	2
15		Pinion (see 52).....	1	45	M675248	Cone, Diff. Bearing	2
16	M667278	Cup, Pinion Centre Bearing	1	46	AW4/6	Lockwasher, Diff. Adj. Nut Lock	2
17	M815040	Spacer Kit, Pinion Bearing	1	47	M3C-614C	Bolt, Diff. Adj. Nut lock	2
18	M710288	Cone, Pinion Outer Bearing	1	48	M100938	Bearing Cage and Cup Assembly (including Items 30 and 31).....	1
19	M111720	Seal, Pinion Oil	1	49	M106042	Diff. Carrier and Cap Assembly (including Items 1, 2, 3 and 37)	1
20	M100945	Gasket, Pinion Oil Seal	1	50	M100160	Diff. Body Sub Assembly (including Items 4, 6, 8, 9, 10 and 38 thru 41).....	1
21	M100949	Shield, Pinion Dust.....	1	51		Differential Assembly (including Items 7, 11, 15, 42 and 50)	
22		Flange, Companion			M106103	Front Drive	1
	M106081	With Tapped Holes, for use with Axles FDA52 & RDA53	1		M106076	Rear Drive	1
	AW200943	With Drilled Holes, for use with Axles FDA54 & RDA61	1	52		Ring Gear and Pinion Set (including Items 11 and 15)	
23	M100951	Washer, Pinion Shaft	1		M815202	Front Drive.....	1
24	AW5/93	Cotter, Pinion Shaft	1		M815204	Rear Drive.....	1
25	M100950	Nut, Pinion Shaft	1	53	M815203	Diff. Case Kit (including Items 8 and 41)	1
26	UCB109/14R	Bolt, Pinion Oil Seal Retainer....	5				
26A	UCB108/14R	Bolt, Pinion Oil Seal Retainer Locating	1				
27	AW4/9	Lockwasher, Pinion Oil Seal Retainer	5				

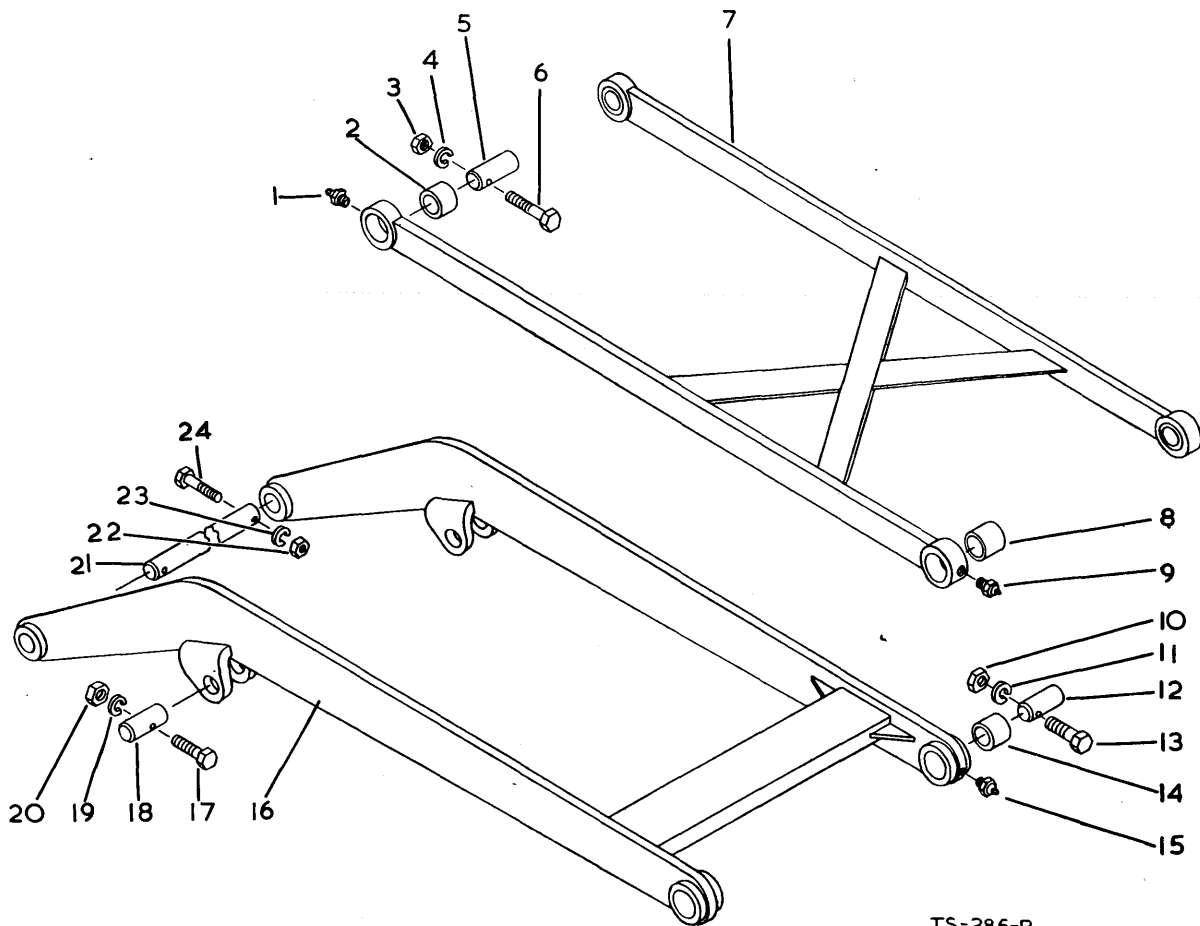
§ — Not Sold Separately

‡ — As Required



PLANET SPIDER ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
	M106346	Planet Spider Assembly (including all of following items)	2	5	M106350	Pinion Thrust Washer.....	6
1	M106350	Pinion Thrust Washer.....	6	6	M106347	Planet Spider.....	2
2	M106351	Roller, Pinion.....	174	7	M106352	Roller Spacer.....	6
3	M109088	Planet Pinion.....	6	8	M106349	Pinion Shaft.....	6
4	M106351	Roller, Pinion.....	174	9	M10J-12	Pinion Shaft Ball.....	6

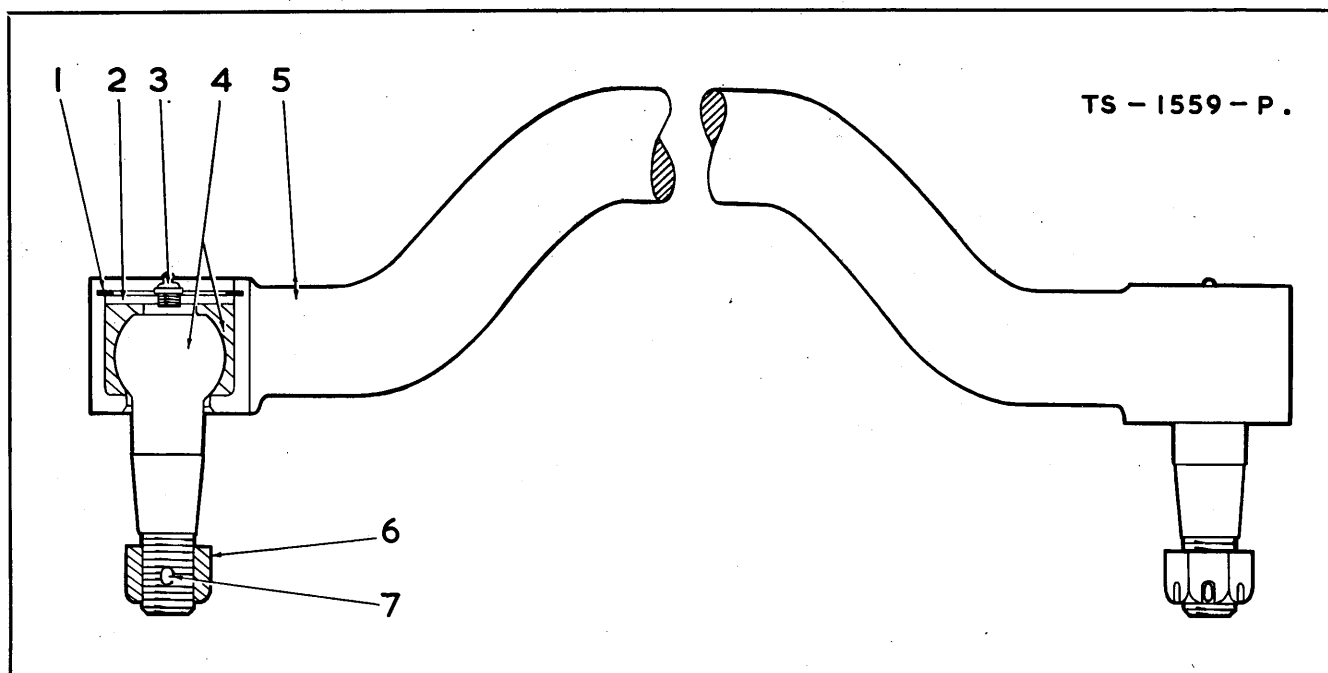


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BOOM AND GUIDE BAR ASSEMBLY

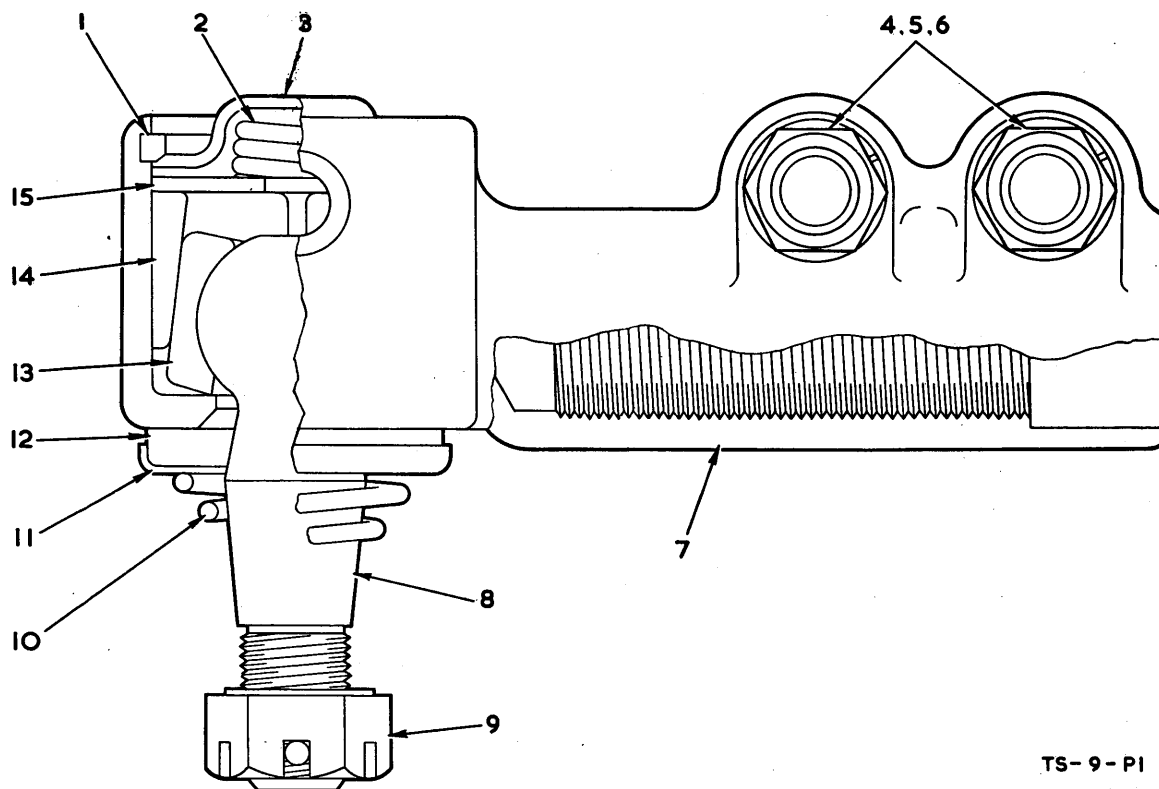
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW32/65	Grease Fitting, Guide Bar.....	2	14	M550143	Bushing, Boom to Carrier	2
2	M550191	Bushing, Guide Bar to Frame.....	2	15	AW32/50	Fitting, Carrier to Boom Grease	2
3	AW6/69	Nut, Pin Retaining.....	2	16	M550130	Boom and Pipe Assembly (in- cluding 14, 16A and 16B)	1
4	AW4/8	Lockwasher, Pin Retaining.....	2	16A	M550144	†Boom Pipe Assembly—R.H.....	1
5	M550188	Pin, Guide Bar to Frame.....	2	16B	M550176	†Boom Pipe Assembly—L.H.....	1
6	AW16/328	Bolt, Pin Retaining.....	2	17	AW14/316	Bolt, Pin Retaining.....	2
7	M512991	Guide Bar Assembly (including Items 2 and 8)	1	18	M550179	Pin, Boom to Cylinder	2
8	M550143	Bushing, Guide Bar to Bucket....	2	19	AW4/6	Lockwasher, Pin Retaining.....	2
9	AW32/64	Fitting, Carrier to Guide Bar Grease	2	20	AW6/67	Nut, Pin Retaining.....	2
10	AW6/67	Nut, Pin Retaining.....	2	21	M550178	Shaft, Boom Pivot.....	1
11	AW4/6	Lockwasher, Pin Retaining.....	2	22	AW6/69	Nut, Shaft Retaining.....	2
12	M550207	Pin, Carrier to Boom.....	2	23	AW4/8	Lockwasher, Shaft Retaining.....	2
13	AW14/316	Bolt, Pin Retaining.....	2	24	AW16/328	Bolt, Shaft Retaining.....	2

† — Not Illustrated



TIE ROD ASSEMBLY (One Piece Assembly)

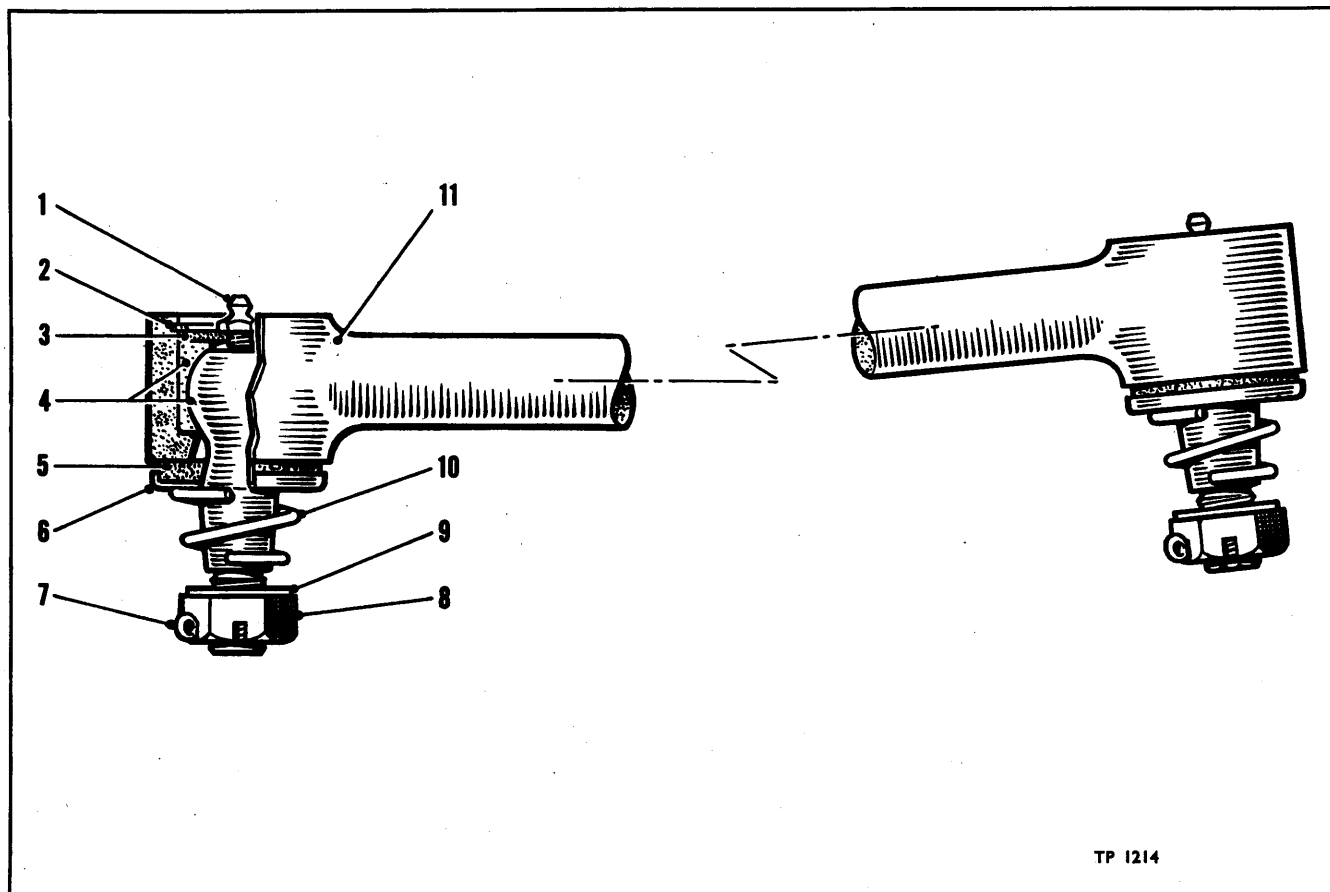
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	M507695	Ring, Ball Stud Retaining	2	5	M525857	Tie Rod Assembly (including Items 1 thru, 4 6 & 7)	1
2	M524066	Plate, Ball Stud Retaining	2	6	M4D-12	Nut, Ball Stud	2
3	M10H-25	Fitting, Ball Stud Grease	2	7	M1F-426	Cotter, Ball Stud	2
4	M524065	Ball Stud Assembly	2				



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TIE ROD END ASSEMBLY

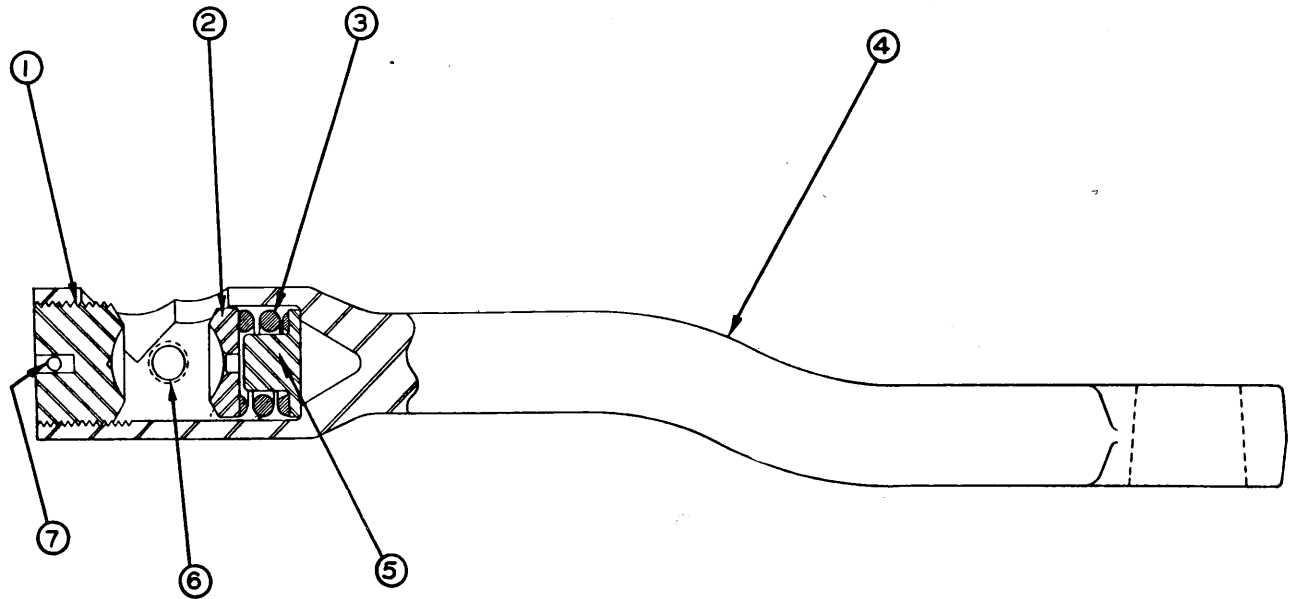
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M106110	Tie Rod End Assembly (including 1 thru 15).....	4	8	M509284	Ball Stud	1
1	M106094	Snap Ring	1	9	UFN410/A	Nut, Ball Stud	1
2	M106091	Spring	1	10	M106182	Spring, Retainer	1
3	M106093	Cap	1	11	M106138	Retainer, Felt.....	1
4	UFB110/20R	Bolt	2	12	M106137	Felt	1
5	AW4/10	Lockwasher	2	13	M106114	Socket, Ball Stud.....	2
6	UFN110/A	Nut	2	14	M106079	Retainer, Ball Stud Socket.....	2
7	M106113	Housing	1	15	M106088	Washer	1



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PUSH ROD ASSEMBLY—BELL-CRANK—AXLE (One Piece Assembly)

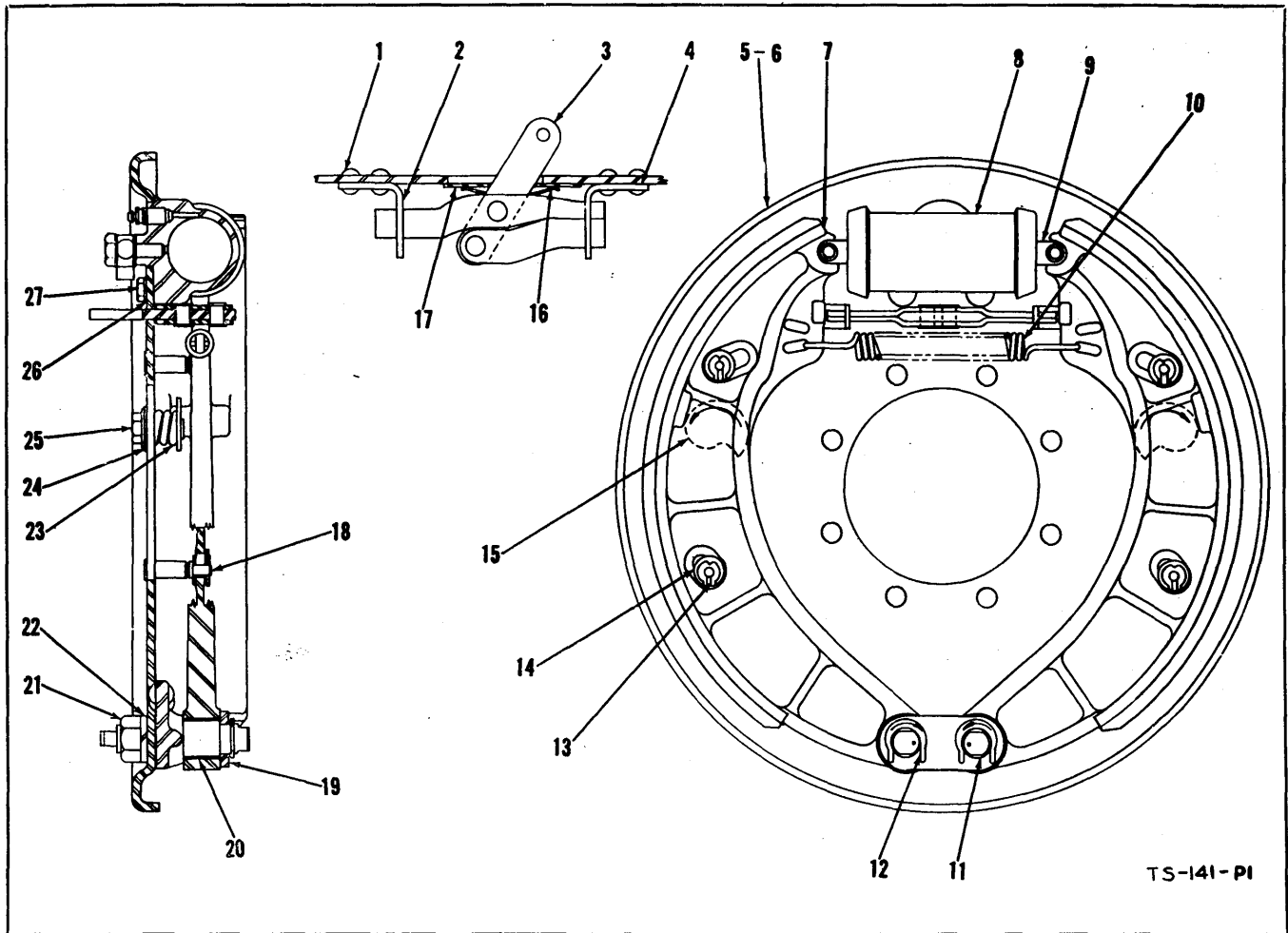
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW32/49	Fitting, Ball Stud Grease.....	2	7	AW5/92	Split Pin	2
2	M507695	Snap Ring, Ball Stud Retaining	2	8	AW7/72	Nut, Ball Stud	2
3	M524066	Plate, Ball Stud Retaining	2	9	M616813	Washer, Ball Stud.....	2
4	M509346	Ball Stud and Socket Assembly	2	10	M106268	Spring, Ball Stud	2
5	M106137	Felt Washer	2	11	M525867	Push Rod Assembly (including Items 1 thru 4).....	1
6	M106138	Retainer Plate	2				



TS-6-P

DRAG LINK ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M550595	Drag Link Assembly (including 1 thru 5).....	1	4		Omit	1
1	M940011	Plug, Ball Seat Adjustment.....	1	5	M940018	Plug, Safety.....	1
2	M940015	Ball Seat	1	6	AW32/49	Fitting, Drag Link Grease.....	1
3	M940016	Spring	1	7	AW5/94	Cotter.....	1

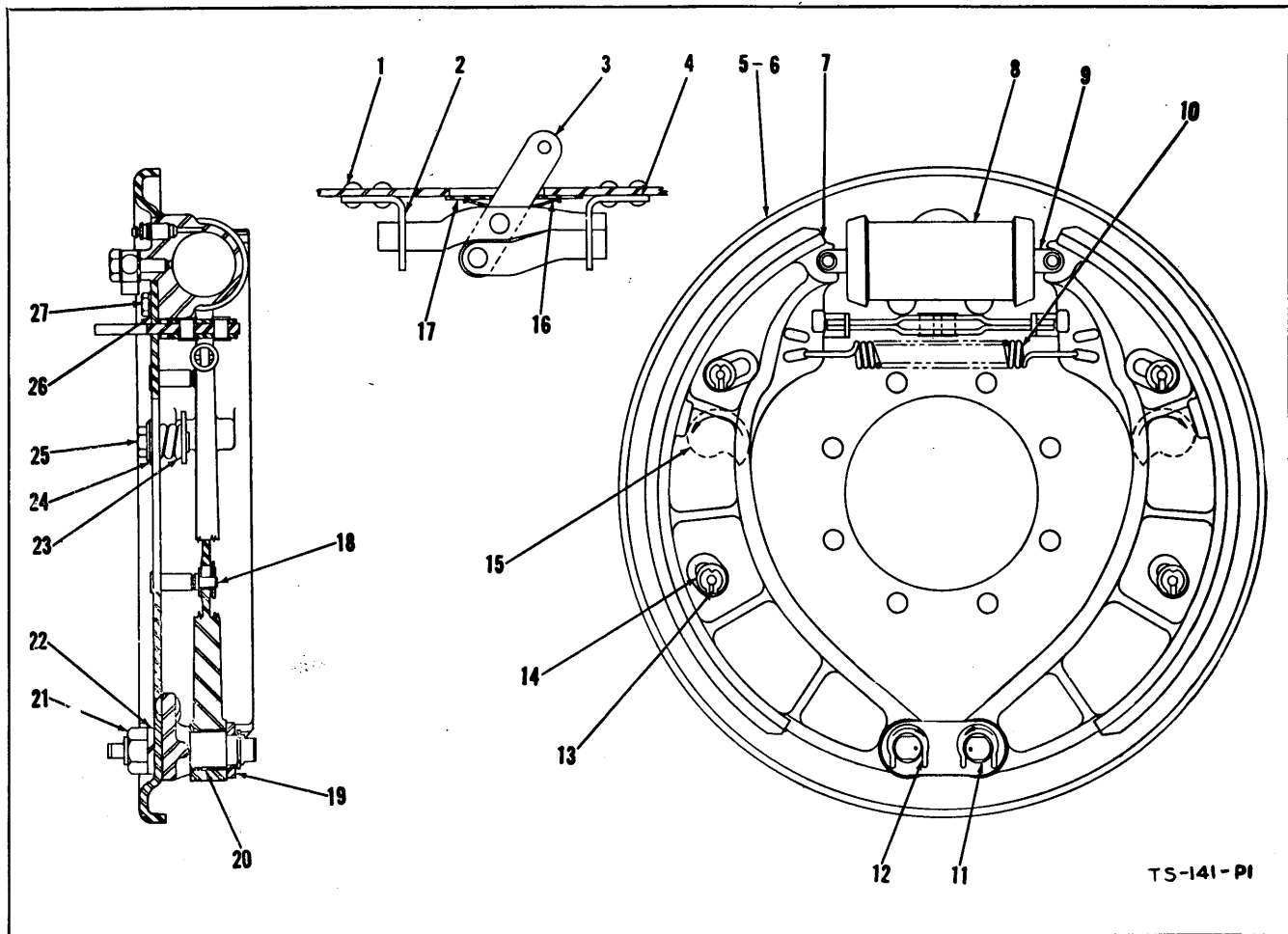


BRAKE ASSEMBLY—FRONT

(with Brake Lining Rivets of $\frac{9}{64}$ " dia. in $\frac{5}{32}$ " dia holes)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M106335	Brake Assembly—R.H. (including Items 1 thru 5 and 7 thru 27)	1	8A	M940130	†Repair Kit, Brake Cylinder	
B	M106336	Brake Assembly—L.H. (including Items 1 thru 4 and 6 thru 27)	1	9	M957212	Connector Link, Brake Cylinder	2
1	MIH-410	Rivet, Link Support	4	10	M106216	Spring, Release	1
2	M106180	Link Support	1	11	M106969	Pin, Anchor	2
3	M106526	Link Assembly	1	12	M101332	"C" Washer, Anchor Pin	2
4	M106179	Link Support	1	13	M100878	"C" Washer, Guide Pin	4
5	M106337	Brake Disc Assembly—R.H. (including Items 1, 2, 4, 15 and 23 thru 25)	1	14	M102322	Washer, Guide Pin	8
6	M106338	Brake Disc Assembly—L.H. (including Items 1, 2, 4, 15 and 23 thru 25)	1	15	M100864	Cam, Shoe Adjusting	2
7	M108145	Brake Shoe Assembly (including Items 7A, 7B and 20)	2	16	M106185	Spring, Shield	1
7A	M108147	Lining, Brake	2	17	M104524	Dust Shield	1
7B	M108434	Rivet, Brake Lining	36	18	M106373	Guide Pin	4
8	M107014	Brake Cylinder (including Item 9)	1	19	M106970	Strut, Anchor Pin	1
				20	M100872	Bushing, Brake Shoe	2
				21	UFN112/A	Nut, Anchor Pin	2
				22	AW4/11	Lockwasher, Anchor Pin	2
				23	M100865	Cam Spring	2
				24	M100867	Washer, Cam Pin	2
				25	M106372	Cam Pin	2
				26	AW4/6	Lockwasher, Brake Cylinder	2
				27	UCS106/5R	Bolt, Brake Cylinder	2

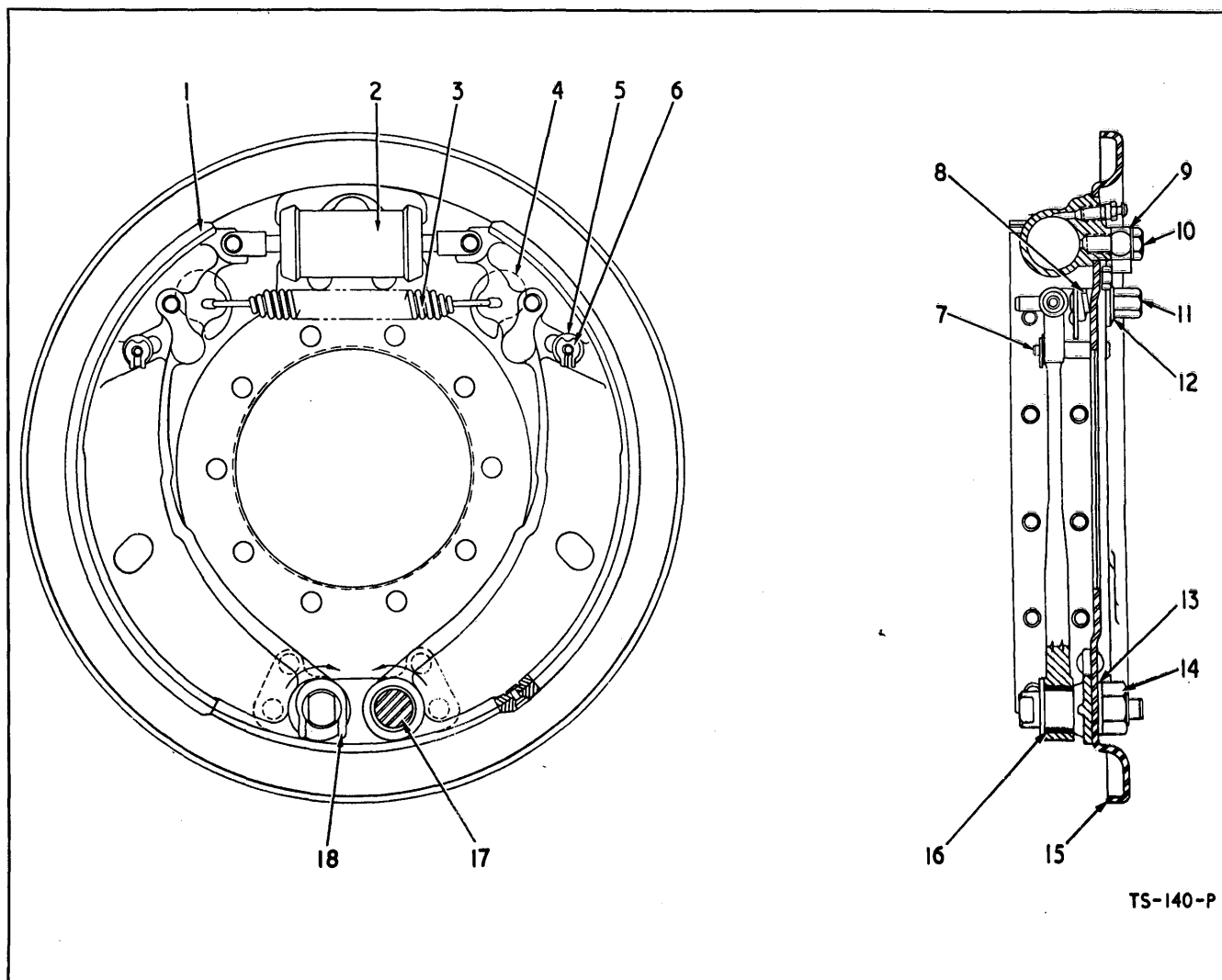
† — As Required



BRAKE ASSEMBLY—FRONT
(with Brake Lining Rivets of $\frac{3}{16}$ " dia. $\times$ $\frac{1}{2}$ " long in $\frac{13}{32}$ " dia. holes)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M110929	Brake Assembly—R.H. (including Items 1 thru 5 and 7 thru 27)	1	8A	M940130	‡Repair Kit, Brake Cylinder	
B	M110930	Brake Assembly—L.H. (including Items 1 thru 4 and 6 thru 27)	1	9	M957212	Connector Link, Brake Cylinder	2
1	MIH-410	Rivet, Link Support	4	10	M106216	Spring, Release	1
2	M106180	Link Support	1	11	M106969	Pin, Anchor	2
3	M106526	Link Assembly	1	12	M101332	"C" Washer, Anchor Pin	2
4	M106179	Link Support	1	13	M100878	"C" Washer, Guide Pin	4
5	M106337	Brake Disc Assembly—R.H. (including Items 1, 2, 4, 15 and 23 thru 25)	1	14	M102322	Washer, Guide Pin	8
6	M106338	Brake Disc Assembly—L.H. (including Items 1, 2, 4, 15 and 23 thru 25)	1	15	M100864	Cam, Shoe Adjusting	2
7	M110922	Brake Shoe Assembly (including Items 7A, 7B and 20)	2	16	M106185	Spring, Shield	1
7A	M110945	Lining, Brake	2	17	M104524	Dust Shield	1
7B	M3H-1216	Rivet, Brake Lining	36	18	M106373	Guide Pin	4
8	M107014	Brake Cylinder (including Item 9)	1	19	M106970	Strut, Anchor Pin	1
				20	M100872	Bushing, Brake Shoe	2
				21	UFN112/A	Nut, Anchor Pin	2
				22	AW4/11	Lockwasher, Anchor Pin	2
				23	M100865	Cam Spring	2
				24	M100867	Washer, Cam Pin	2
				25	M106372	Cam Pin	2
				26	AW4/6	Lockwasher, Brake Cylinder	2
				27	UCS106/5R	Bolt, Brake Cylinder	2

‡—As Required

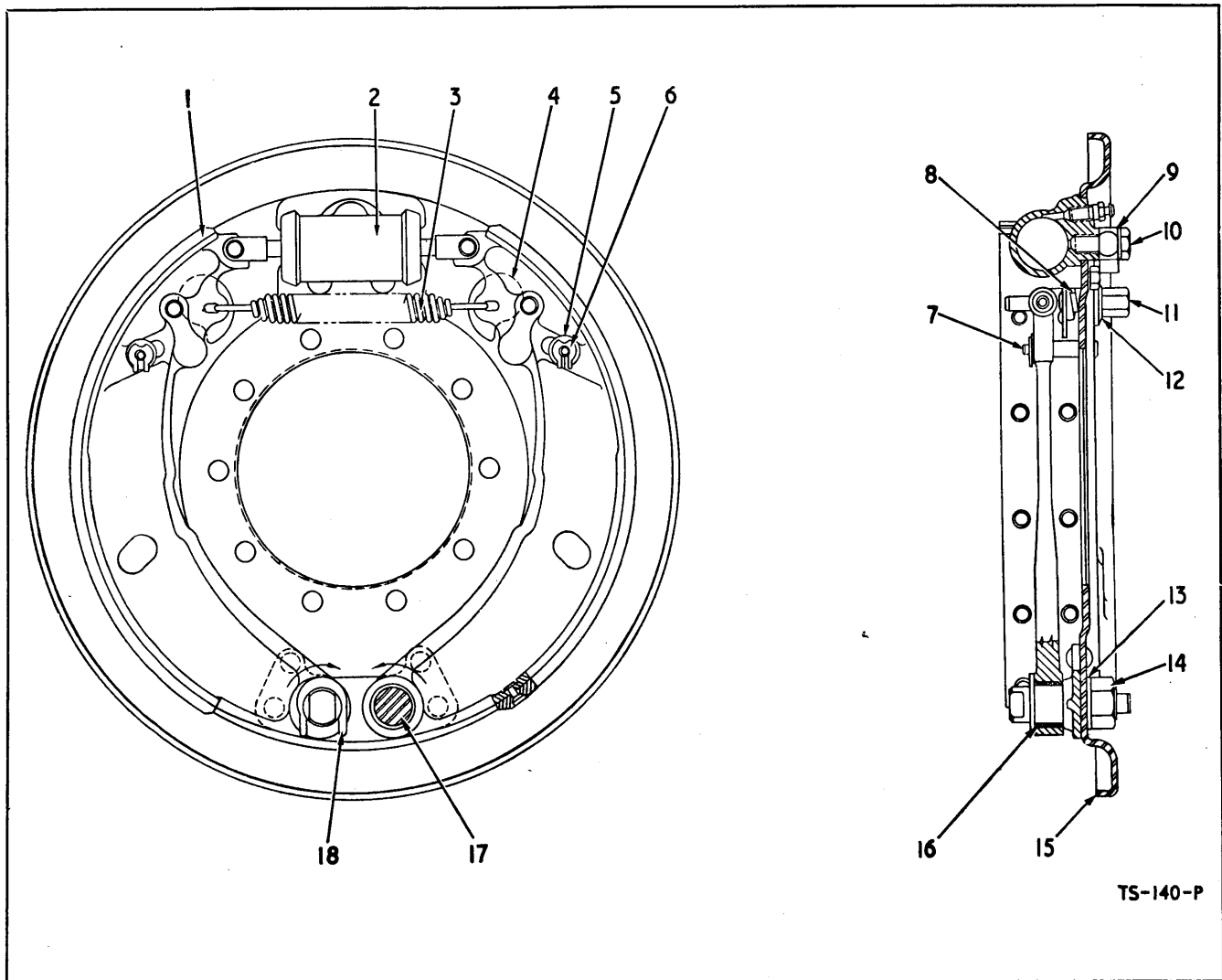


BRAKE ASSEMBLY—REAR

 (with Brake Lining Rivets of $\frac{3}{16}$ " dia. in $\frac{5}{32}$ " dia. holes)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M106816	Brake Assembly (including all following items).....	2	7	M100877	Pin, Guide	4
I	M106824	Brake Shoe Assembly (including items 1A, 1B and 16).....	4	8	M100865	Spring, Brake Shoe Adj. Cam.....	4
1A	M109316	Lining, Brake.....	4	9	AW4/5	Lockwasher, Cylinder Mtg.....	4
1B	M108434	Rivet, Brake Lining.....	48	10	UCS105/5R	Bolt, Cylinder Mtg.....	4
2	M102488	Cylinder, Brake (including item 2A)	2	11	M101012	Pin, Brake Shoe Adj. Cam.....	4
2A	M853402	†Connector Link, Brake Cylinder	4	12	M100867	Washer, Brake Shoe Adj. Cam Pin	4
2B	M853405	‡Brake Cylinder Repair Kit.....		13	AW36/33	Lockwasher, Anchor Pin.....	4
3	M100879	Spring, Release.....	2	14	UFN112/A	Nut, Anchor Pin.....	4
4	M100864	Cam, Shoe Adjusting.....	4	15	M106817	Brake Disc Assembly (including items 4, 8, 11 and 12).....	2
5	M102322	Washer, Guide Pin.....	8	16	M102497	Bushing, Brake Shoe.....	4
6	M100878	"C" Washer, Guide Pin.....	4	17	M102498	Pin, Anchor.....	4
				18	M100613	"C" Washer, Anchor Pin.....	4

 † — Not Illustrated
 ‡ — As Required

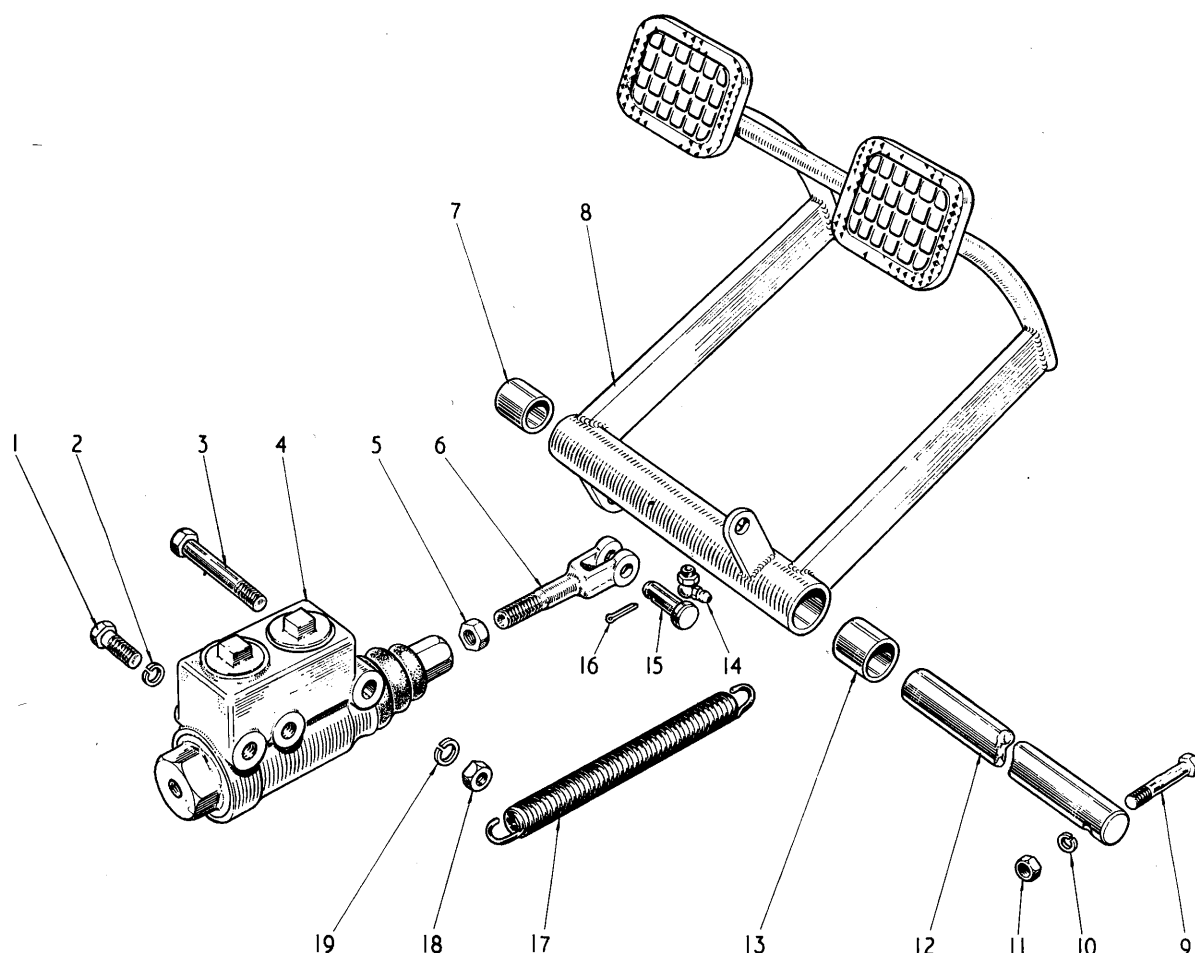


BRAKE ASSEMBLY—REAR

(with Brake Lining Rivets of $\frac{3}{16}$ " dia $\times$ $\frac{7}{16}$ " long in $\frac{11}{16}$ " dia. holes)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M110917	Brake Assembly (including all following items)	2	7	M100877	Pin, Guide	4
I	M111440	Brake Shoe Assembly (including items 1A, 1B and 16)	4	8	M100865	Spring, Brake Shoe Adj. Cam	4
1A	M111442	Lining, Brake	4	9	AW4/5	Lockwasher, Cylinder Mtg.	4
1B	M3H-1214	Rivet, Brake Lining	48	10	UCS105/5R	Bolt, Cylinder Mtg.	4
2	M102488	Cylinder, Brake (including Item 2A)	2	11	M101012	Pin, Brake Shoe Adj. Cam	4
2A	M853402	†Connector Link, Brake Cylinder	4	12	M100867	Washer, Brake Shoe Adj. Cam Pin	4
2B	M853405	‡Brake Cylinder Repair Kit		13	AW36/33	Lockwasher, Anchor Pin	4
3	M100879	Spring, Release	2	14	UFN112/A	Nut, Anchor Pin	4
4	M100864	Cam, Shoe Adjusting	4	15	M106817	Brake Disc Assembly (including Items 4, 8, 11 and 12)	2
5	M102322	Washer, Guide Pin	8	16	M102497	Bushing, Brake Shoe	4
6	M100878	"C" Washer, Guide Pin	4	17	M102498	Pin, Anchor	4
				18	M100613	"C" Washer, Anchor Pin	4

†—Not Illustrated
‡—As Required

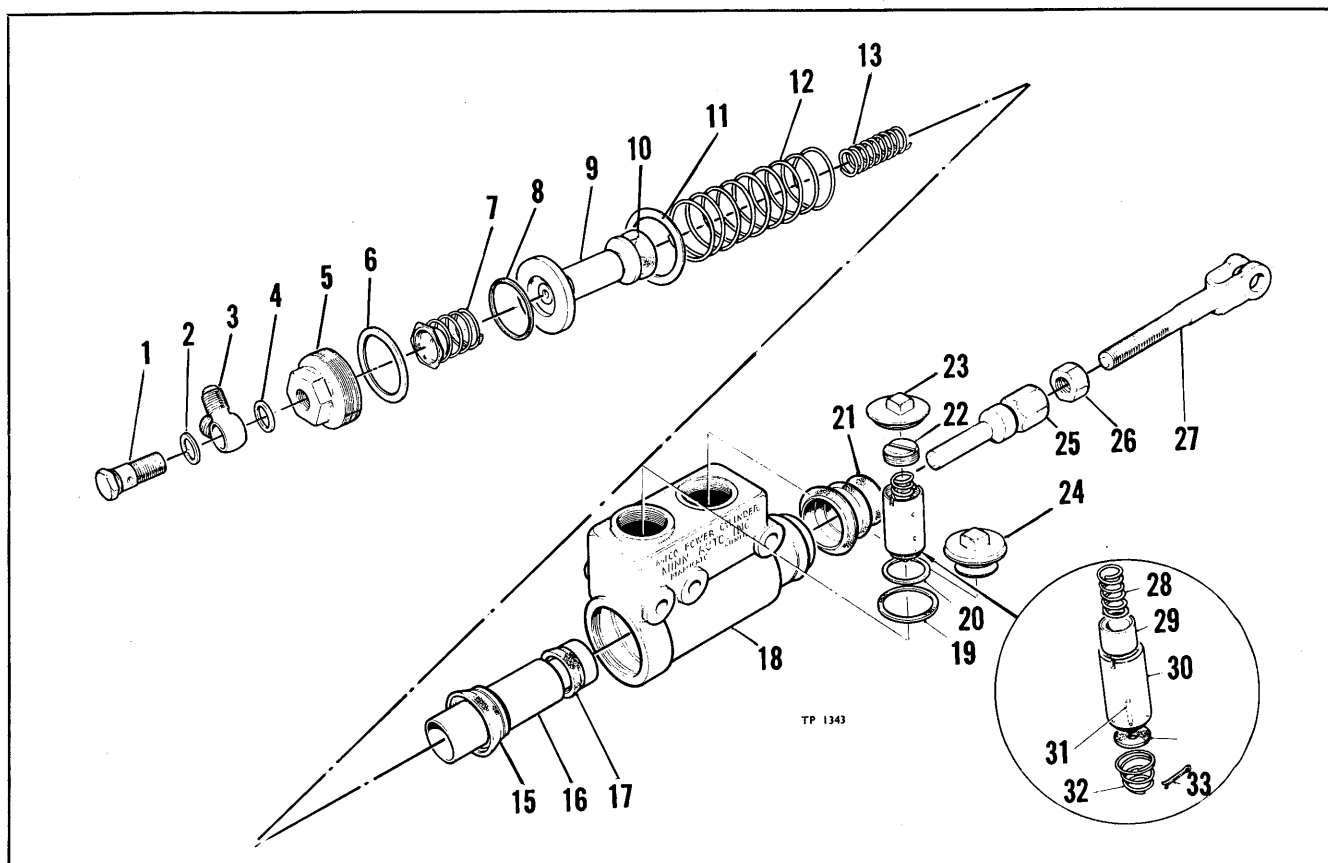


TP 1330

BRAKE CONTROLS MODEL 75A

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW56/604	Bolt, Master Cylinder Mtg.	1	9	AW14/312	Bolt, Shaft Retaining	1
2	AW4/6	Lockwasher	1	10	AW4/6	Lockwasher, Shaft Retaining	1
3	AW15/321	Bolt, Master Cylinder Mtg.	1	11	AW6/67	Nut, Shaft Retaining	1
4	M552373	Master Cylinder	1	12	M550299	Shaft, Brake Pedal	1
4A	M869449	†Repair Kit, Master Cylinder		13	M551373	Bushing, Brake Pedal Mtg.	1
5	AW8/68	Nut, Clevis Jam	1	14	AW32/71	Grease Fitting, Pedal Assembly	1
6	AW200051	Clevis, Master Cylinder Push Rod	1	15	AW52/6	Pin, Clevis	1
7	M551373	Bushing, Brake Pedal Mounting	1	16	AW5/86	Cotter, Clevis Pin	1
8	M550292	Brake Pedal Assembly (Including Items 7 & 13)	1	17	M550301	Spring, Pedal Return	1
				18	AW6/68	Nut, Master Cylinder Mtg.	1
				19	AW4/7	Lockwasher, Master Cylinder Mtg.	1

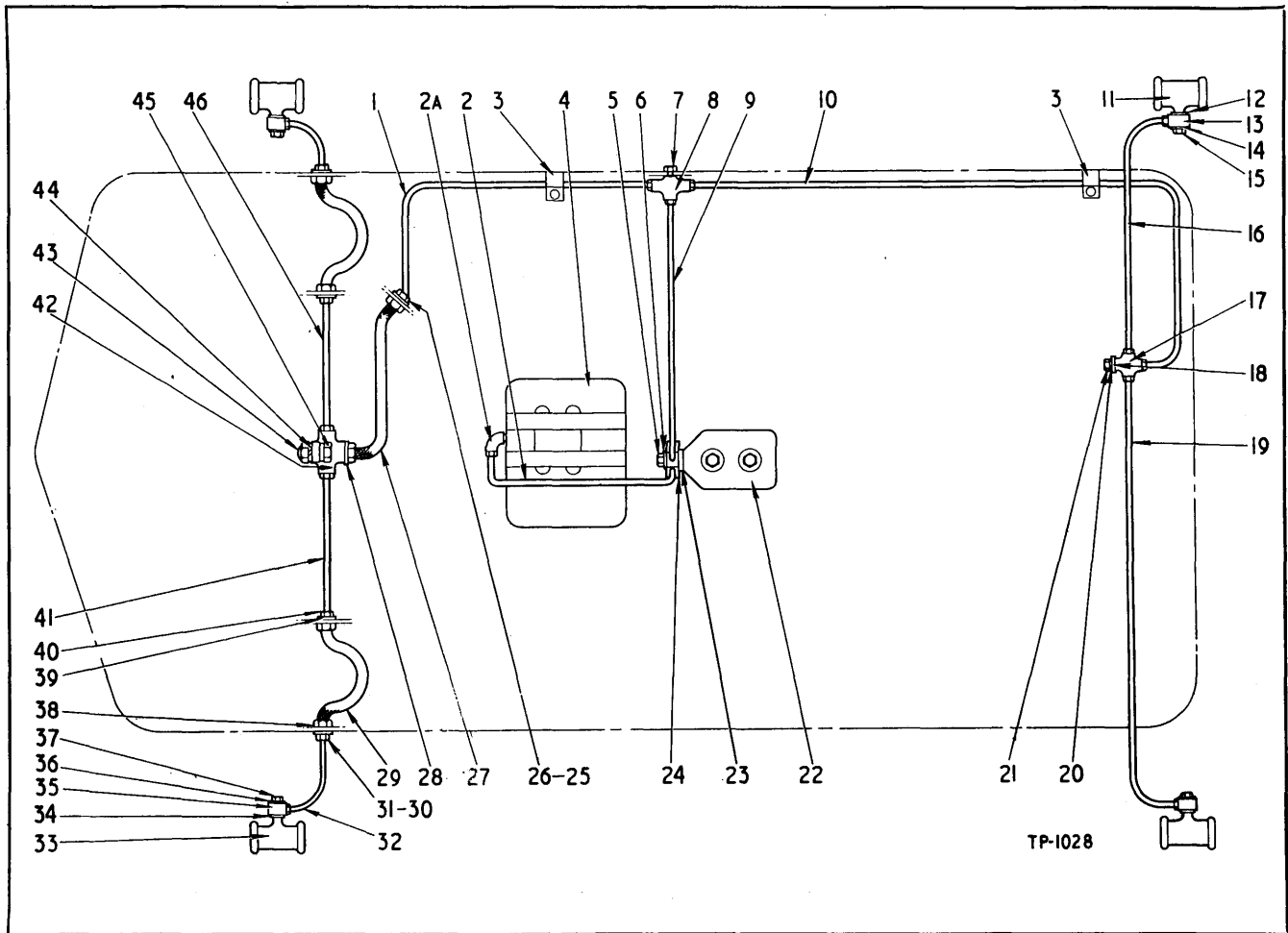
† — As Required



MASTER CYLINDER—BRAKE SYSTEM

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M552373	Master Cylinder	1	18	AW208125	Housing, Cylinder	1
1	AW200140	Bolt, Banjo	1	19	AW208126	Gasket, Filler Plug	1
2	AW200145	Gasket, Copper (Outer)	1	20	AW208127	Gasket, Relief Valve	1
3	AW200138	Banjo Union.....	1	21	AW208129	Rubber Boot	1
4	AW200146	Gasket, Copper (Inner)	1	22	AW208130	Screw, Relief Valve Adjusting....	1
5	AW208110	Plug, End	1	23	AW208131	Plug, Filler	1
6	AW208111	Gasket, End Plug	1	24	AW208132	Plug Assembly, Filler	1
7	AW208112	Spring, Check Valve	1	25	AW208133	Push Rod	1
7A	AW208113	Valve, Check	1	26	AW8/68	Nut, Clevis	1
7B	AW208114	Seat, Check Valve	1	27	AW200051	Clevis	1
8	AW208115	Seat, End Plug	1	28	AW208134	Spring, Relief Valve	1
9	AW208116	Piston, High Pressure	1	29	AW208135	Piston Assembly, Relief Valve....	1
10	AW208117	Cup, High Pressure Piston	1	30	AW208136	Body, Relief Valve	1
11	AW208118	Gasket, End Plug	1	31	AW208137	Metering Needle.....	1
12	AW208119	Spring, Secondary Return	1	32	AW208138	Spring, Check Disc	1
13	AW208120	Spring, Primary Return	1	33	AW208139	Split Pin	1
14		Omit		34	AW208140	†Relief Valve Assembly (Including Items 20, 22, 28 thru 34)	1
15	AW208122	Cup, Low Pressure	1	35	M869449	†Servicing Kit, Master Cylinder	1
16	AW208123	Piston, Low Pressure	1				
17	AW208124	Cup, Secondary	1				

† — Not Illustrated



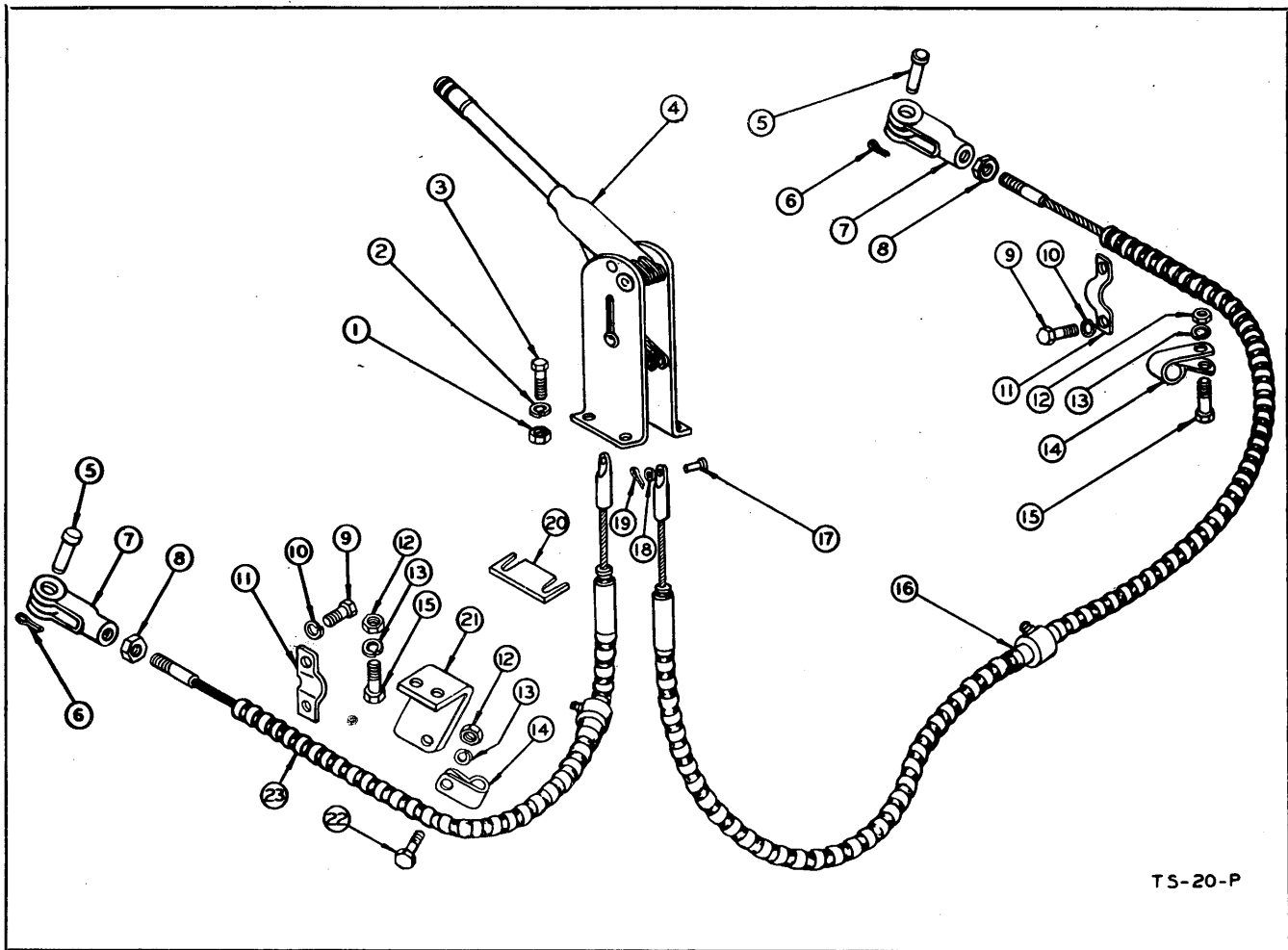
BRAKE LINES AND FITTINGS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200134	Pipe Assembly, Mid 3-Way—Rear Hose.....	1	12	AW200146	Copper Gasket, Inner, Wheel Cyl.	2
2	AW200130	Pipe Assembly, M/Cyl. to Trans.	1	13	AW200139	Banjo, Wheel Cyl.....	2
2A	AW200199	Special Union, M/Cyl. to Trans.	1	14	AW200145	Copper Gasket, Outer, Wheel Cyl.	2
3	M6H-7	Clip, Brake Line.....	2	15	AW200140	Bolt, Wheel Cyl. Banjo.....	2
3A	UFB104/8R	†Bolt, Clip to Frame.....	2	16	AW200133	Pipe Assembly, 3-Way—L.H. Front Brake.....	1
3B	UFN104/A	†Nut, Clip to Frame.....	2	17	AW200141	3-Way Adaptor.....	1
3C	AW4/4	†Spring Washer.....	2	18	AW201662	Anchor Plate, 3-Way Adaptor.....	1
4		Transmission—see Index		19	AW200132	Pipe Assembly, 3-Way—R.H. Front Brake.....	1
5	AW200140	Bolt, M/Cyl. Banjo.....	1	20	AW4/5	Spring Washer, 3-Way Bolt.....	1
6	AW200145	Copper Gasket, Outer, M/Cyl.	1	21	FS105/5R	Bolt, 3-Way to Front Axle.....	1
7	FB105/8R	Bolt, 3-Way to Frame.....	1	22		Master Cyl.—see Index	
8	AW200141	3-Way Adaptor.....	2	23	AW200146	Copper Gasket, Inner, M/Cyl.....	1
9	AW200129	Pipe Assembly, M/Cyl. to 3-Way	1	24	AW200138	Double Banjo, M/Cyl.....	1
10	AW200131	Pipe Assembly, Mid 3-Way—Front 3-Way	1	25	AW200147	Nut, Hose to Anchor Plate.....	1
11	M107014	Wheel Cyl., Front Axle.....	2				

† — Not Illustrated

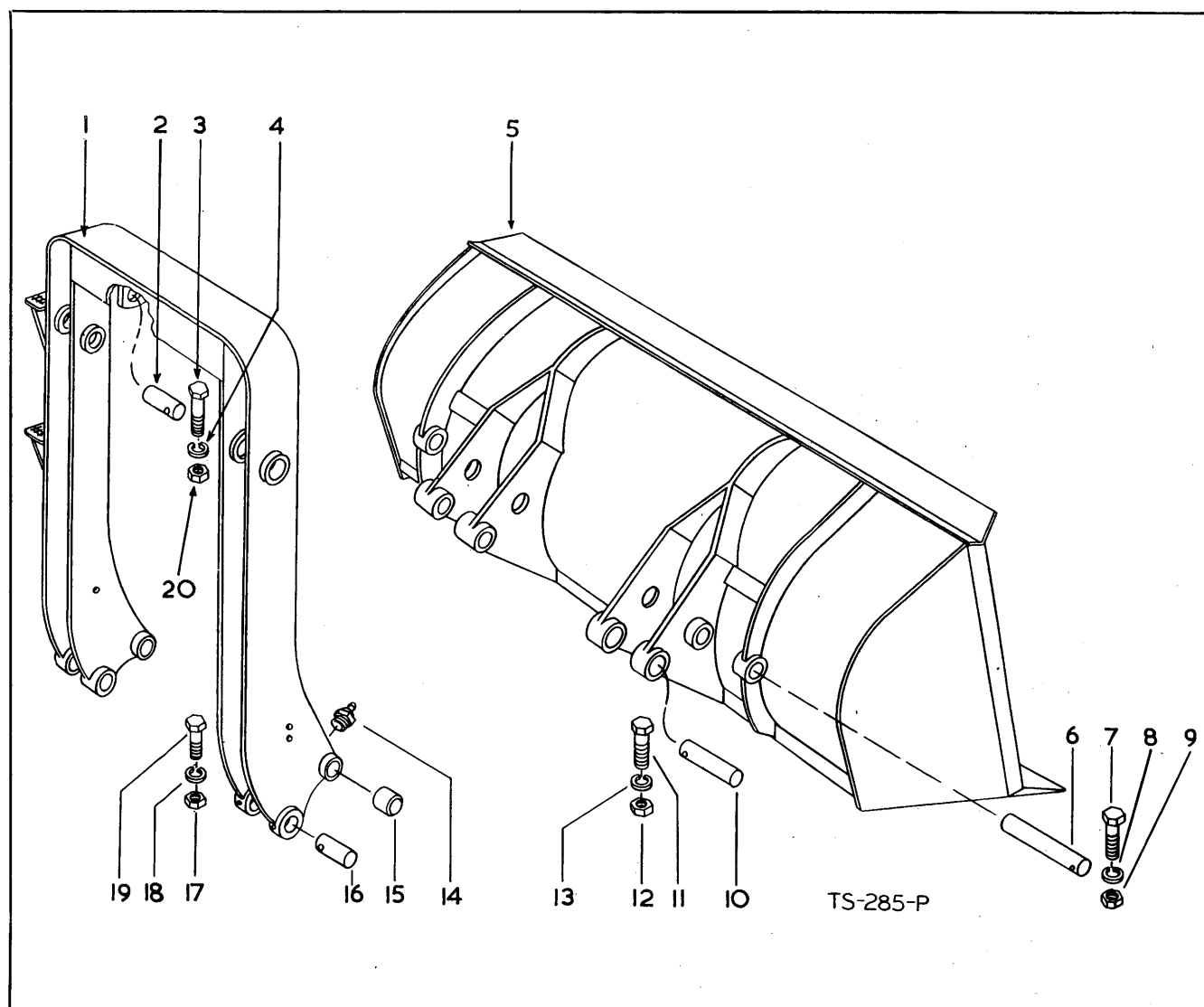
BRAKE LINES AND FITTINGS—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
26	AW200148	Shakeproof Washer.....	1	36	AW200145	Copper Gasket, Outer, Wheel Cyl.	2
27	AW200144	Hose, Frame to Axle.....	1	37	AW200140	Bolt, Banjo.....	2
28	AW200146	Copper Gasket, Hose to 3-Way	1	38	AW200149	Anchor Plate, Brake Hose.....	2
29	AW200143	Hose, Rear Brakes, L.H. and R.H.....	2	39	AW200148	Shakeproof Washer.....	2
30	AW200148	Shakeproof Washer.....	2	40	AW200147	Nut, Hose to Anchor Plate.....	2
31	AW200147	Nut, Hose to Anchor Plate.....	2	41	AW200135	Pipe Assembly, Rear Axle, R.H.	1
32	AW200137	Pipe Assembly, Hose to Brake....	2	42	AW200142	3-Way Adaptor.....	1
33	M102488	Wheel Cyl., Rear Axle.....	2	42A	AW200150	Anchor Plate, 3-Way Adaptor....	1
34	AW200146	Copper Gasket, Inner, Wheel Cyl.	2	43	UFN105/A	Nut, 3-Way to Anchor Plate.....	1
35	AW200139	Banjo, Wheel Cyl.....	2	44	AW4/5	Spring Washer.....	1
				45	UFB105/10R	Bolt, 3-Way to Anchor Plate.....	1
				46	AW200136	Pipe Assembly, Rear Axle, L.H.	1



PARKING BRAKE CONTROLS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW6/66	Nut, Lever Mtg.....	4	13	AW4/6	Lockwasher	4
2	AW4/5	Lockwasher, Lever Mtg.....	4	14	AW11365	Clip	2
3	AW13/305	Bolt, Lever Mtg.....	4	15	AW14/301	Bolt	3
4	AW207288	Parking Brake Lever.....	1	16	M551689	Cable and Conduit Assembly— R.H.....	1
5	AW52/4/H	Pin, Clevis	2	17	AW52/2/H	Pin, Clevis	2
6	AW5/59	Cotter, Clevis Pin.....	2	18	M619016	Washer	2
7	AW26/32	Clevis	2	19	AW5/28	Cotter	2
8	AW8/67	Nut, Clevis Jam.....	2	20	M551696	Retainer	1
9	AW55/303	Bolt, Bracket.....	4	21	M551837	Bracket	1
10	AW4/5	Lockwasher, Bracket	4	22	AW56/302	Bolt	1
11	AW200430	Bracket, Conduit Mtg.....	2	23	M551688	Cable and Conduit Assembly— L.H.....	1
12	AW6/67	Nut	4				

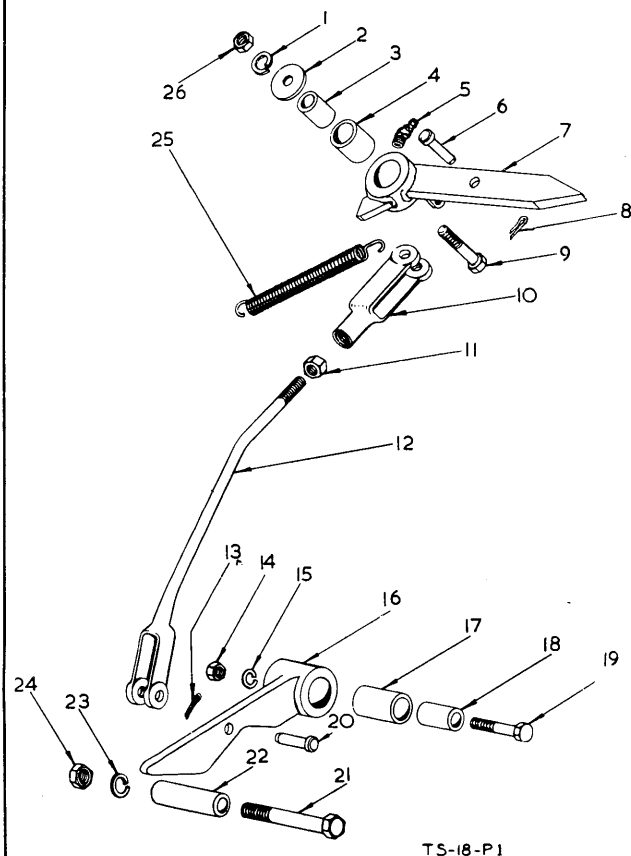


BUCKET AND CARRIER ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	M550193	Bucket Carrier Assembly.....	1	17	AW6/67	Nut, Pin Retainer.....	2
2	M550208	Pin, Cylinder to Carrier.....	2	18	AW4/6	Lockwasher, Pin Retainer.....	2
3	AW14/326	Bolt, Pin Retainer.....	2	19	AW14/316	Bolt, Pin Retainer.....	2
4	AW4/6	Lockwasher, Pin Retainer.....	2	20	AW6/67	Nut, Pin Retainer.....	2
5		Bucket Assembly—see Chart Below					
6	M552550	Pin, Carrier to Bucket.....	2				
7	AW14/316	Bolt, Pin Retainer.....	2				
8	AW4/6	Lockwasher, Pin Retainer.....	2				
9	AW6/67	Nut, Pin Retainer.....	2				
10	M550231	Pin, Cylinder to Bucket.....	2				
11	AW14/320	Bolt, Pin Retainer.....	2				
12	AW6/67	Nut, Pin Retainer.....	2				
13	AW4/6	Lockwasher, Pin Retainer.....	2				
14	AW32/64	Fitting, Carrier Grease.....	2				
15	M550206	Bushing, Carrier to Bucket.....	4				
16	M550207	Pin, Carrier to Guide Bar.....	2				

BUCKET ASSEMBLY — DATA

Width	Bucket Assembly No.	Main Cutting Edge	Side Cutting Edge Replacement Kit No.
60"	M552863	M552865	M552868 R/H M552869 L/H
73"	M550210	M552598	M550218 R/H M550219 L/H
79"	M509491	Standard M553441	M550218 R/H M550219 L/H
85"	M551711	M551612	M551815 R/H M551816 L/H



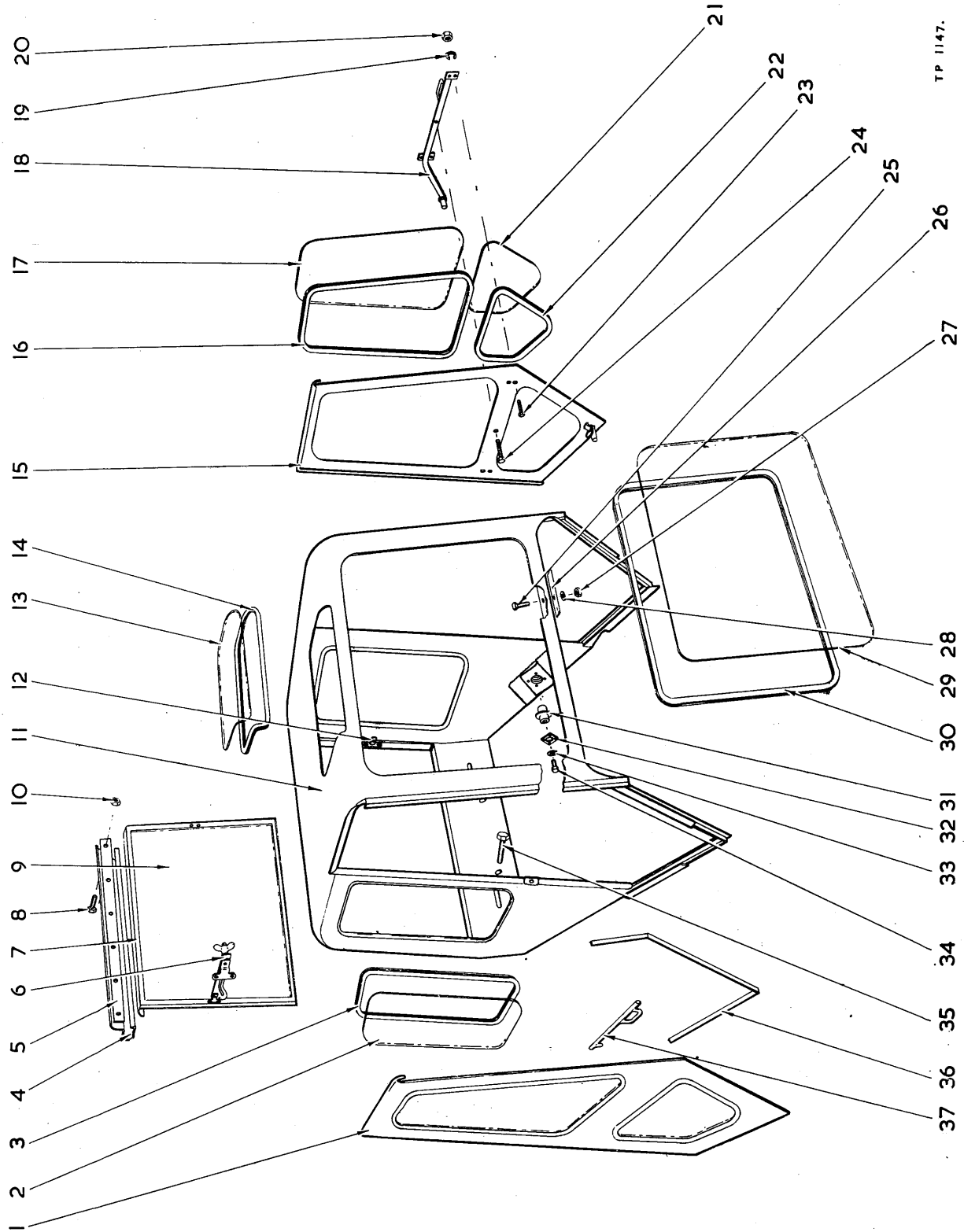
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BUCKET INDICATOR

Item No.	Part No.	Description	No. Req'd.
1	AW4/8	Lockwasher, Pointer Arm to Bucket.....	1
2	M616796	Washer, Pointer Arm to Bucket.....	2
3	M550646	Sleeve, Pointer, Arm Mtg.....	1
4	M551373	Bushing, Pointer Arm Mtg.....	1
5	AW32/77	Fitting, Pointer Arm Grease.....	1
6	AW52/6	Pin, Clevis	1
7	M551521	*Pointer Arm Assembly.....	1
7A	M551520	*Pointer Assembly (including Items 4, 5 and 7).....	1
8	AW5/87	Cotter, Clevis Pin.....	1
9	AW16/310	Bolt, Pointer Arm to Bucket.....	1
10	AW26/34	Clevis, Rod End.....	1
11	AW8/69	Nut, Rod End Clevis Jam.....	1
12	M551613	Indicator Rod Assy. (including Items 10 and 11).....	1
13	AW5/87	Cotter, Clevis Pin.....	1
14	AW6/69	Nut, Cam Assembly Mtg.....	1
15	AW4/8	Lockwasher, Cam Assembly Mtg.....	1
16	M551515	Cam Assembly (including Items 16A and 17).....	1
16A	AW32/77	Fitting, Cam Assembly Grease.....	1
17	M551373	Bushing, Cam Assembly Mtg.....	1
18	M550646	Sleeve, Cam Assembly Mtg.....	1
19	AW16/312	Bolt, Cam Assembly to Bucket.....	1
20	AW52/6	Pin, Clevis	1
21	AW18/322	Bolt, Tube to Bucket Carrier.....	1
22	M551523	Tube	1
23	AW4/10	Lockwasher, Tube to Bucket Carrier	1
24	AW6/71	Nut, Tube to Bucket Carrier.....	1
25	M551644	Spring	1
26	AW6/69	Nut, Pointer Arm to Bucket.....	1

* For 60" Bucket Assembly Use:

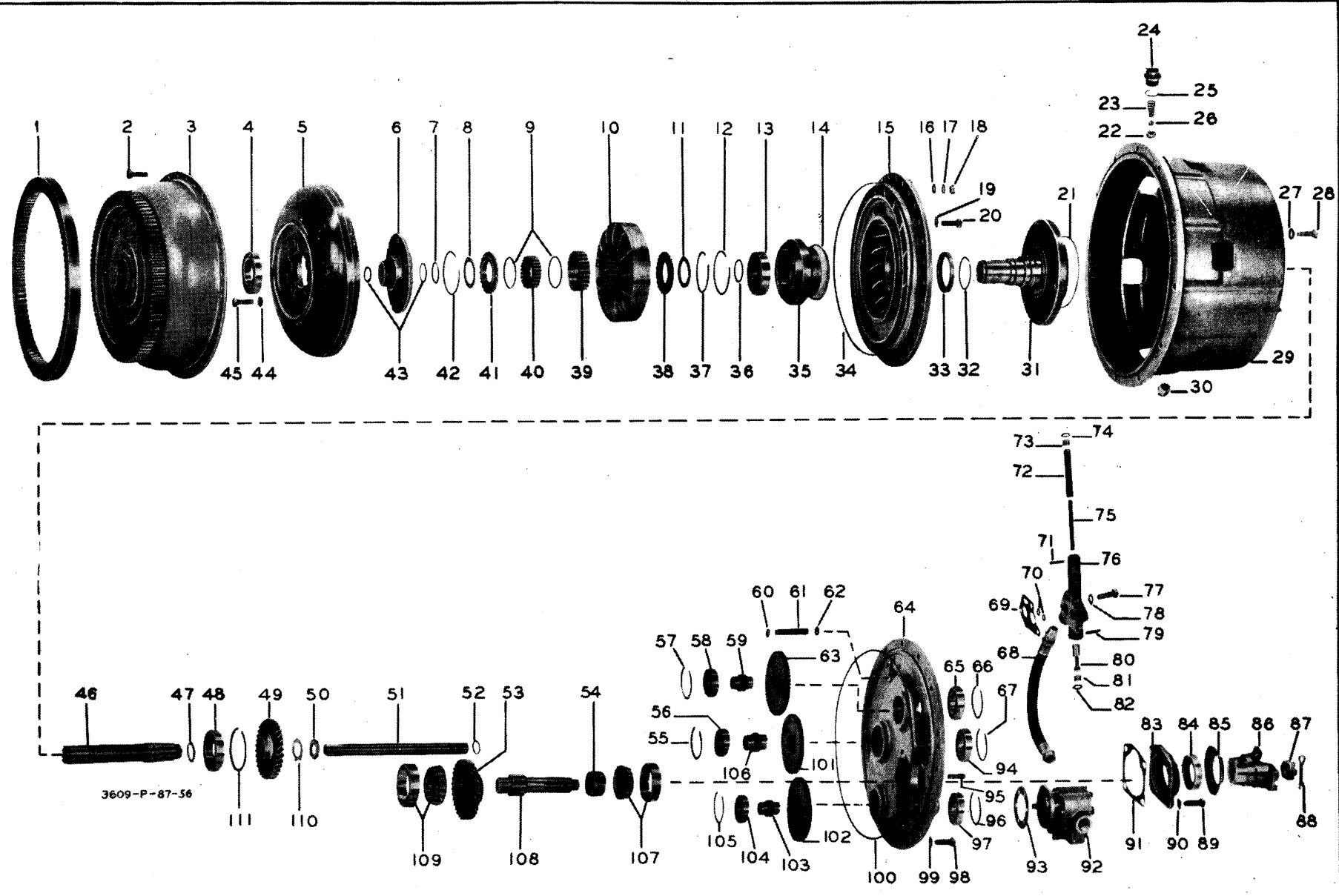
7	M552878	Pointer Arm Assembly	1
7A	M552880	Pointer Assembly (including Items 4, 5 and 7).....	1



CAB ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW202104	Cab Assembly (including 1 thru 37)	1	19	AW4/5	Lockwasher	5
1	AW202758	Door, R. H. Panel	1	20	AW6/66	Nut, Pivot Bar to Door	5
2	AW202759	Glass, Quarter Panel	2	21	AW202774	Glass, Lower Door Window (L.H. & R.H.)	2
3	AW202760	Surround, Window	2	22	AW202760	Surround, Lower Door Window (L.H. & R.H.)	2
	/70"				/47"		
4	AW202761	Hinge Bar, Rear Window	1	23	AW55/304	Bolt, Pivot Bar to L.H. Window	4
5	AW202762	Rubber Weather Strip, Rear Window	1	24	AW55/307	Bolt, Pivot Bar to L.H. Door Window	1
6	AW202763	Quadrant Assembly, Rear Window	2	25	AW56/307	Setscrew, Cab to Shroud	5
7	AW202764	Frame, Rear Window	1	26		Sealing Strip P.V.C. (1/4" Beaded)	1
7A	AW202765	Rubber Weather Seal, Rear Window, Sides and Bottom	1	27	AW6/67	Nut, Cab to Shroud	5
8	AW22/8	Bolt, Hinge Bar to Cab	6	28	AW4/6	Lockwasher, Cab to Shroud	5
9	AW202766	Glass, Rear Window	1	29	AW202776	Glass, Front Windshield	1
10	AW25/42	Nut, Nyloc, Hinge Bar to Cab	6	30	AW202760	Surround, Front Windshield	1
11		Cab (see Item "A")			/104"		
12		Bracket (see Item 6)		31	AW201737	Bush, Door Hinge Adjusting	1
13	AW202769	Glass, Curved Roof Window	1	32	AW201738	Clamp Plate, Adjusting Bush	1
14	AW202770	Surround, Curved Roof Window	1	32A	AW55/605	†Setscrew, Clamp Plate	4
	/52"			33	AW202767	Washer, Special—Door Pivot	1
15	AW202771	Door, L.H. Panel	1	33A	AW4/5	†Lockwasher, Door Pivot Retaining	1
16	AW202760	Surround, Upper Door Window (L.H. & R.H.)	2	34	AW55/603	Setscrew, Door Pivot Retaining	1
	/82"			35	AW58/308	Setscrew, Cab to Hood and Frame	2
17	AW202773	Glass, Upper Door Window (L.H. & R.H.)	2	36	AW202778	Rubber Strip, Door Cushion (sets)	2
18	AW202107	Pivot Bar Assembly (L.H. Door only)	1	37	AW201736	Bolt Assembly (R.H. Door only)	1

†—Not Illustrated



TORQUE CONVERTER

MPM 101

50

(1D9)

TORQUE CONVERTER ASSEMBLY (C-303-I)

For serial: Model 75A (Leyland)—OS122/I thru 321. Model 75A (Perkins)—OS119/I thru 16

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M280453	Torque Converter Assembly (C-303-I)	1	30	M201120	Plug, Magnetic Drain	1
1	M213445	Gear, Converter Drive (see Item 120)	1	31	M220706	Converter Support Assembly	1
2	M2C-618	Bolt, Impeller to Drive Disc	30	32	M209307	Ring, Converter Support Oil	1
3	M220483	Converter Disc Assembly (see Item 120)	1	33	M209778	Seal, Converter Support Oil	1
4	MSK200-36	Bearing, Disc Hub	1	34	M209322	"O" Ring, Impeller to Drive Disc	1
5	M220507	Turbine, Converter	1	35	M209782	Hub, Converter Impeller	1
6	M220493	Hub, Turbine	1	36	MSK251-70	Ring, Impeller Hub Bearing Locating	1
7	MSK251-23	Ring, Front Thrust Washer, Retaining	1	37	MSK250-116	Ring, End Plate Retainer	1
8	M209319	Washer, Front Thrust	1	38	M220480	End Plate and Bushing Assembly	1
9	M209948	Spring, Sprag	2	39	M220479	Outer Race, Reaction Member (see Item 122)	1
10	M220488	Reaction Member, Converter (see Item 122)	1	40	M221947	Over-running Clutch Assembly (including Item 9)	1
11	M209320	Washer, Rear Thrust	1	41	M220480	End Plate & Bushing Assembly	1
12	MSK250-8	Ring, Impeller Hub Bearing, Retainer	1	42	MSK250-116	Ring, End Plate Retainer	1
13	MSK200-36	Bearing, Impeller Hub	1	43	MSK251-28	Ring, Turbine Hub Retainer	2
14	M25K-40508	"O" Ring, Impeller to Hub	1	44	M619023	Washer, Turbine to Hub	8
15	M209311	Impeller, Converter	1	45	M209313	Bolt, Turbine to Hub	8
16	M619023	Washer, Impeller to Drive Disc	30	45A	M201553	†Lockwire, Turbine to Hub	†
17	M6E-06	Lockwasher, Impeller to Drive Disc	30	46	M221073	Shaft, Main Drive Gear	1
18	M2D-06	Nut, Impeller to Drive Disc	30	47	M209304	Oil Ring, Main Drive Shaft	1
19	M619023	Washer, Impeller to Hub	6	48	M308M	Bearing, Main Drive Gear Retainer	1
20	M209313	Bolt, Impeller to Hub	6	49	M220492	Gear, Main Drive (33T)	1
20A	M201553	†Lockwire, Impeller to Hub	†	50	M221074	Nut, Main Drive Gear Retainer	1
21	M25K-40600	"O" Ring, Converter Support	1	51	M209779	Shaft, Oil Pump	1
22	M208788	Seat, By-Pass Ball	1	52	M209781	Piston Ring, Oil Pump Shaft	1
23	M209188	Spring, By-Pass	1	53	M209336	Gear, Output Shaft (32T)	1
24	M220847	Fitting, By-Pass Plug	1	54	M209337	Spacer, Output Gear	1
25	M221023	Seal, By-Pass Plug	1	55	MSK250-12	Ring, Oil Pump Drive Gear Hub Retainer	1
26	M10J-16	Ball, By-Pass	1	56	MSK200-48	Bearing, Oil Pump Drive Gear Hub	1
27	M6E-08	Lockwasher, Converter Support to Housing	6	57	MSK250-130	Ring, Oil Pump Driven Gear Hub Bearing Retainer	1
28	M2C-820	Bolt, Converter Support to Housing	6	58	M860668	Bearing, Oil Pump Driven Gear Hub	1
29	M222344	Housing, Converter (see Item 121) (including Item 22)	1	59	M220987	Hub, Oil Pump Driven Gear	1
29A	M221007	†Cover	†	60	AW10/8	"O" Ring, Oil Cross-Over Tube	1
29B	1C-406	†Bolt	†	61	M209869	Tube, Oil Cross-Over	1
29C	4E-04	†Lockwasher	†	62	AW10/8	"O" Ring, Oil Cross-Over Tube	1

† — Not Illustrated

‡ — As Required

TORQUE CONVERTER ASSEMBLY—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
63	M221082	Gear, Oil Pump Driven (43T).....	1	92	M941653	Oil Pump Assembly (including Item 93)	1
64	M221072	Cover, Converter Housing.....	1	93	M551906	Gasket, Oil Pump.....	1
65	M860668	Bearing, Oil Pump Driven Gear Hub.....	1	94	MSK200-48	Bearing, Oil Pump Drive Gear Hub.....	1
66	MSK250-130	Ring, Oil Pump Driven Gear Hub Bearing Retainer.....	1	95	M205096	Stud, Oil Pump Mounting.....	6
67	MSK250-12	Ring, Oil Pump Drive Gear Hub Bearing Retainer.....	1	96	MSK250-130	Ring, Oil Pump Driven Gear Hub Retainer.....	1
68	M221084	Hose, Valve Body to Converter Pump.....	1	97	M860668	Bearing, Oil Pump Driven Gear Hub.....	1
69	M220978	Gasket, Valve Body.....	1	98	M1C-720	Bolt, Cover to Housing.....	12
70	AW10/25	"O" Ring, Valve Body to Converter Housing	2	99	M4E-07	Lockwasher, Cover to Housing	12
71	M660178	Roll Pin, Regulating Valve Body	1	100	M209294	"O" Ring, Housing to Cover Sealing	1
72	M220981	Spring, Regulating Valve, Outer	1	101	M221080	Gear, Oil Pump Drive (46T).....	1
73	M220983	Stop, Regulating Valve Piston.....	1	102	M221082	Gear, Oil Pump Driven (43T).....	1
74	AW10/18	"O" Ring, Regulating Valve Stop.....	1	103	M220987	Hub, Oil Pump Driven Gear.....	1
75	M220982	Spring, Regulating Valve, Inner	1	104	M860668	Bearing, Oil Pump Driven Gear Hub.....	1
76		§Body, Regulating Valve (see Item 123)	1	105	MSK250-130	Ring, Oil Pump Driven Gear Hub Bearing Retainer.....	1
77	M1C-820	Bolt, Regulating Valve Body.....	2	106	M221081	Hub, Oil Pump Drive Gear.....	1
77A	M1C-840	Bolt, Regulating Valve Body.....	1	107	M675544	Cup, Output Shaft Bearing.....	1
78	M4E-08	Lockwasher, Regulating Valve Body	3	107A	M675547	Cone, Output Shaft Bearing	1
79	M660178	Roll Pin, Regulating Valve Body	1	108	M209334	Shaft, Output.....	1
80	M220980	Piston, Regulating Valve Body	1	109	M675544	Cup, Output Shaft Bearing.....	1
81	M220983	Stop, Regulating Valve Body.....	1	109A	M675547	Cone, Output Shaft Bearing	1
82	AW10/18	"O" Ring, Regulating Valve Stop.....	1	110	M221075	Washer, Main Drive Gear Nut Retainer	1
83	M221076	Cap, Output Shaft.....	1	111	MSK250-96	†Ring, Main Drive Gear Bearing (.088-.090)	1
84	M206864	Oil Seal, Output Shaft.....	1	111A	MSK250-97	†Ring, Main Drive Gear Bearing (.091-.093)	1
85	M100949	Deflector, Output Shaft.....	1	111B	MSK250-98	†Ring, Main Drive Gear Bearing (.094-.096)	1
86	M209343	Flange and Deflector Assembly (including Item 85).....	1	111C	MSK250-99	†Ring, Main Drive Gear Bearing (.097-.099)	1
87	M201951	Nut, Output Shaft Flange.....	1	112	MSK251-38	†Ring, Main Drive Gear Bearing Retainer	1
88	M1F-432	Cotter, Flange Nut.....	1	113	M220979	†Dowel, Housing to Cover.....	1
89	M1C-720	Bolt, Output Shaft Bearing Cap	4	114	M207647	†Stud, Vehicle Pump Mounting.....	6
90	M4E-07	Lockwasher, Bearing Cap.....	4	115	M659041	†Ring, Oil Pump Shaft Retainer.....	1
91	M221077	‡Shim, Output Bearing Cap (.004)		116	M89F-8	†Connector, Hydraulic Tube.....	1
91A	M221078	‡Shim, Output Bearing Cap (.007)		117	AW8/67	†Nut, Converter Oil Pump.....	6
91B	M221079	‡Shim, Output Bearing Cap (.010)		118	AW4 6	†Lockwasher, Converter Oil Pump.....	6
				119	M221083	†Spacer, Oil Pump Drive Gear.....	1

§ — Not Sold Separately

‡ — Not Illustrated

† — As Required

TORQUE CONVERTER ASSEMBLY—(Continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
120	M800840	Gear Set, Converter Drive and Driven (including Items 1, 3 and 34).....	1	122	M800881	Reaction Member and Race Assembly (including Items 10, 37, 38).....	1
121	M800880	Converter Housing and Back Cover Assembly (including Items 22, 29, 64, 98, 99, 100 and 113).....	1	123	M800877	Pressure Regulator Valve Assembly (including Items 69 thru 76 and 79 thru 82).....	1

**TORQUE CONVERTER MOUNTING PARTS
(C-303-1 & C-273-5)**
LEYLAND, DAF AND VOLVO ENGINES

(effective with serials OS122/1 & thereafter.
OS220A/1 & thereafter. OS176/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
124		†Bolt, Torque Converter to Flywheel	
	M224795	Effective with Serial Nos. OS122/210, 216, 217, 220, 221, 223 thru 227 and 229 and thereafter; OS220A/1 and thereafter OS176/1 and thereafter.....	8
	AW203824	Effective with Serial Nos. OS122/1 thru 209, 211 thru 215, 218, 219, 222 and 228	
124A	28H-18200	†Lockwire (16G×60" long).....	4
124B	M215909	†Washer, Plain	8
125	M763428	†Lockwasher, Torque Converter to Flywheel	8
126	AW14/3	†Bolt, Torque Converter to Flywheel Housing	12
127	AW4/6	Lockwasher, Torque Converter to Flywheel Housing	12

† — Not Illustrated

PERKINS ENGINE

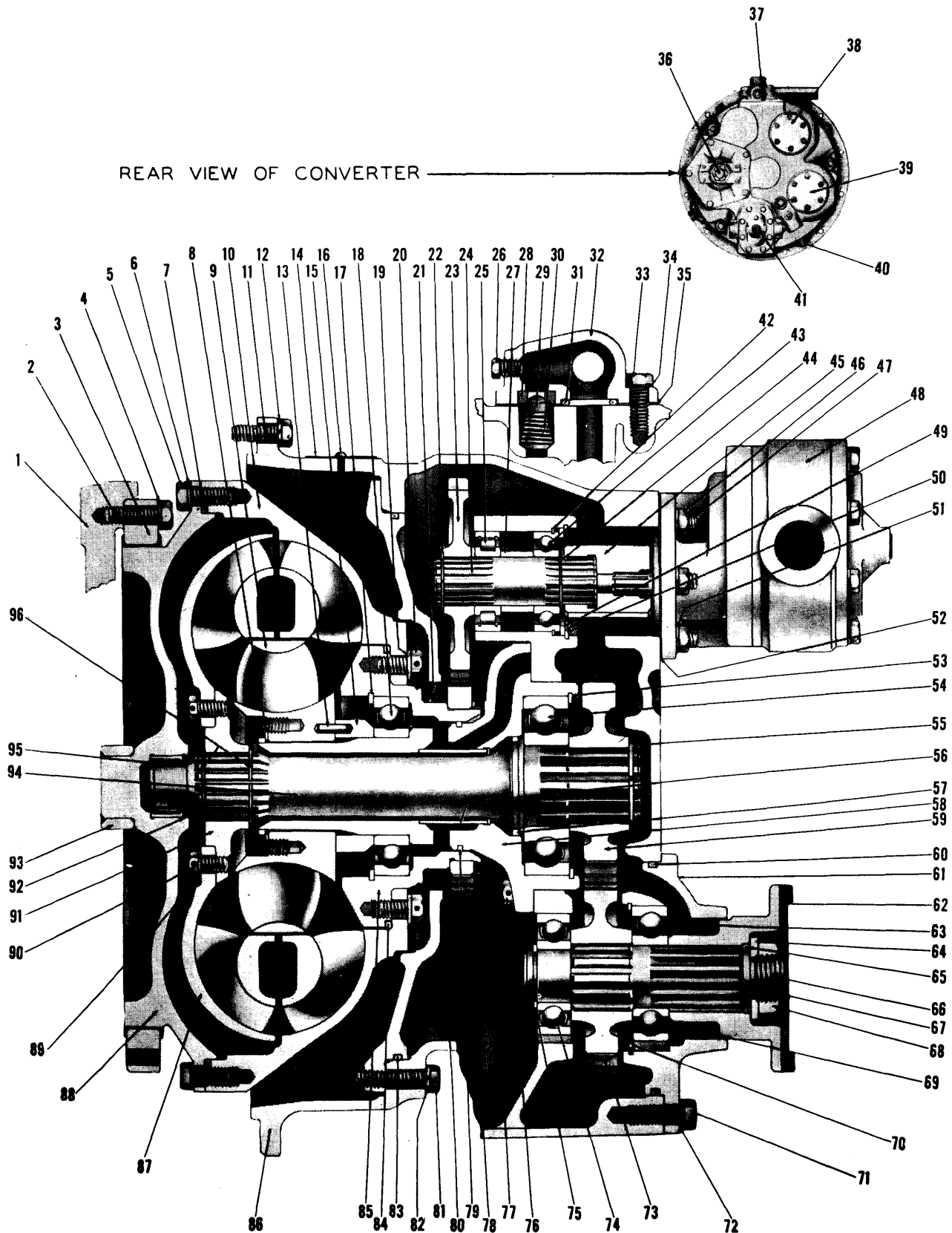
(effective with serials OS119/1 & thereafter.
OS199/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
128	M224795	†Bolt, Torque Converter to Flywheel	8
128A	28H-18200	†Lockwire (16G×60" long)	4
128B	M215909	†Washer, Plain	8
129	AW14/602	†Both, Torque Converter to Flywheel Housing	12
130	AW4/6	†Lockwasher, Torque Converter to Flywheel Housing	12

CUMMINS ENGINE

(effective with serials OS201/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
131	M224795	†Bolt, Torque Converter to Flywheel	8
132	M215909	†Washer, Plain	8
133	M28H-18200	†Lockwire—16 Gauge	4



TORQUE CONVERTER ASSEMBLY TC.10 (C-273T-5)

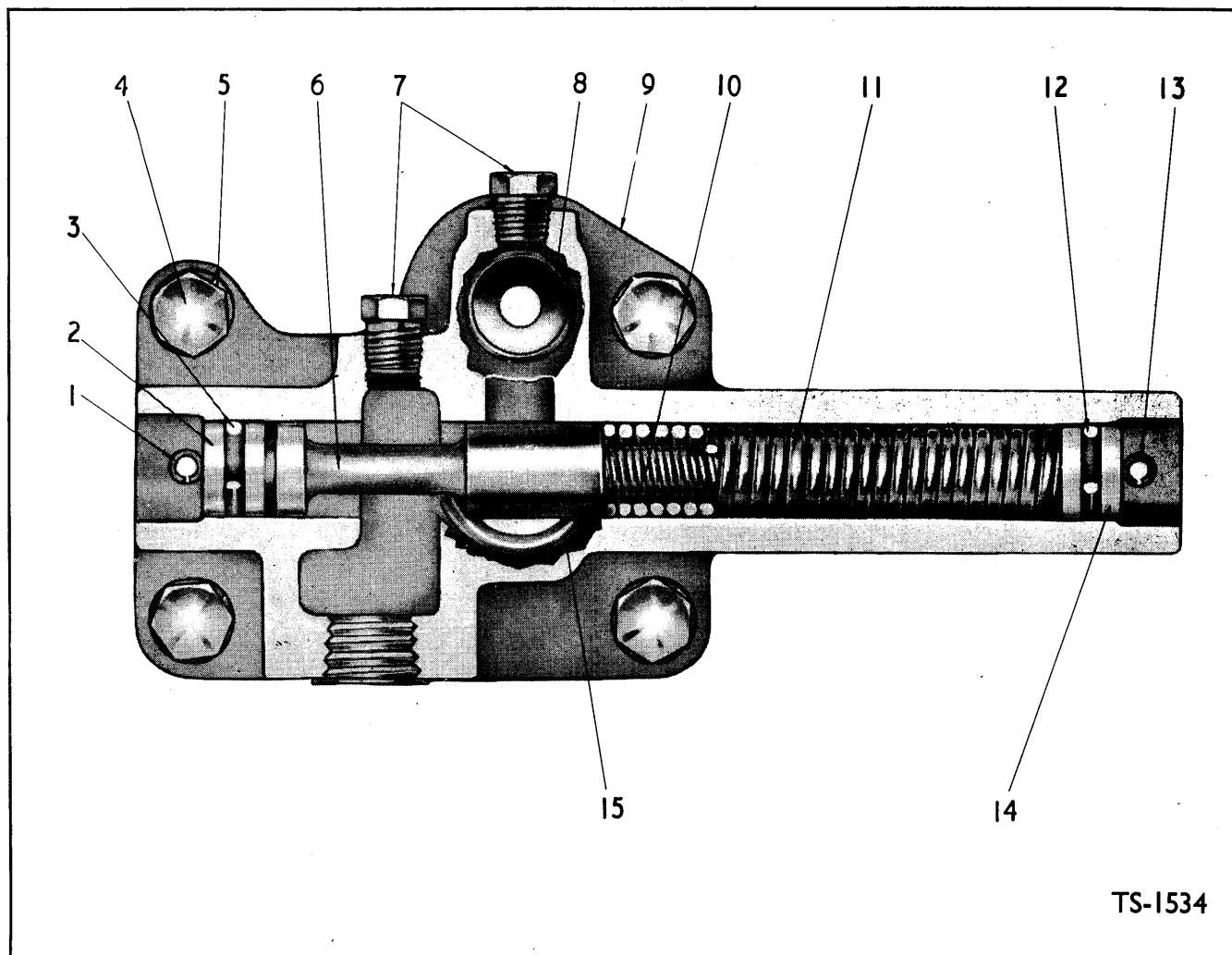
For Serial: Model 75A (Leyland)—OS122/322 & thereafter Model 75A (Perkins)—OS199/1 & thereafter
 Model 75A (Cummins)—OS201/1 & thereafter Model 75A (DAF)—OS220A/1 & thereafter
 Model 75A (Volvo)—OS176/1 & thereafter Model 75A (Perkins)—OS119/17 & thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M281161	Converter Assembly (C-273T-5)	1	38		Pad, Pump Mounting	
1		Flywheel, Engine		39		Pad, Pump Mounting	
2	M224795	Bolt (see Torque Converter Mounting Parts)	8	40	M13F-16	Plug, Pipe	4
3	M215264	Gear, Converter Drive	1	41		Pump, Converter Charging (see Parts Manual)	
4	M662481	Washer (see Torque Converter Mounting Parts)	8	42	M214954	Ring, Bearing Snap	3
5	MIC-616	Bolt, Impeller to Cover	24	43	M214956	Bearing, Shaft	3
6	M4E-06	Lockwasher, Impeller to Cover	24	44	M224039	Ring, Bearing Retaining	3
7	M214939	"O" Ring, Impeller to Cover	1	45	M214961	Adapter, Converter Pump Drive	1
8	M743035	Ring, Reaction Member Retaining	1	46	M8D-06	Nut, Pump Stud	6
9	M214957	Member, Reaction	1	47	M207647	Stud, Pump	6
10	M214959	Impeller	1	48		Pump, Converter Charging (see Parts Manual)	
11		Bolt, Converter to Engine		49	M214929	Washer, Pump Shaft	3
	MIC-620	for M/c Serials OS122/322 thru 453, OS199/1 and after	12	50	M713186	Ring, Washer Retaining	1
	AW14/3	for M/c Serials OS122/454 and after, OS201/1 and after, OS220A/1 and after and OS176/1 and after	12	51	M4E-06	Lockwasher, Pump Stud	6
12		Lockwasher, Converter to Engine		52	M551906	Gasket, Converter Pump	1
	M4E-06	for M/c Serials OS122/322 thru 453, OS199/1 and after	12	53	M214953	Ring, Bearing, Retaining	1
	AW4/6	for M/c Serials OS122/454 and after, OS201/1 and after, OS220A/1 and after and OS176/1 and after	12	54	M742002	Bearing, Turbine Shaft	1
13	M658244	Pin, Spacer to Reaction Member Lock	1	55	M224026	Ring, Gear Retaining	1
14		§Plate, Name				§Sleeve, Stator Support (Included in Item 58)	
15	M214934	Spacer, Reaction Member	1	57	M222079	Ring, Turbine Shaft Sealing	1
16		§Screw, Name Plate Drive		58	M214932	Support Assembly, Converter (including Item 56)	1
17	M214953	Ring, Impeller Hub Bearing Retainer	1	59	M214935	Gear, Turbine Shaft	1
18	M214596	Bearing, Impeller Hub	1	60	M25K-40512	"O" Ring, Bearing Retainer	1
19	M619025	Washer, Hub to Impeller Bolt	8	61	M214945	Retainer Assembly, Bearing (including Item 63)	1
20	M4C-714	Bolt, Hub to Impeller	8	62	M214940	Flange, Companion	1
21	M214941	Seal, Oil Baffle Oil	1	63	M206864	Seal, Oil	1
22	M711298	Ring, Gear Retaining	3	64	M102745	Washer, Output Shaft	1
23	M214931	Gear, Pump Drive (37T)	3	65	M25K-40112	"O" Ring, Companion Flange	1
24	M214928	Shaft, Pump Drive	3	66	M1F-424	Cotter, Output Shaft	1
25	M214936	Bearing, Roller	3	67	M214937	Shaft, Output	1
26	M40K-02	Plug, Valve Housing Pipe	2	68	M201951	Nut, Output Shaft	1
27	M214930	Spacer, Pump Shaft	3	69	M743439	Bearing, Output Shaft Rear	1
28	M214946	Seat, Safety Valve	1	70	M223901	Ring, Bearing Snap	1
29	M222318	Plunger, Safety Valve	1	71	MIC-720	Bolt, Bearing Retainer	3
30	M222312	Spring, Safety Valve	1	71A	M214730	†Stud, Bearing Retainer	2
31	M25K-40104	"O" Ring, Valve to Converter	1	71B	M8D-07	†Nut, Bearing Retainer	2
32		Regulator Valve Assembly (see Item 37)		72	M4E-07	Lockwasher, Bearing Retainer	5
33	MIC-616	Bolt, Valve Body	4	73	M214938	Gear, Output Shaft (37T)	1
34	M4E-06	Lockwasher, Valve Body	4	74	M742056	Bearing, Output Shaft Front	1
35	M214949	Gasket, Valve Body to Converter	1	75	M214955	Ring, Bearing Retaining	1
36		Shaft, Output (see Item 67)		76	MIC-820	Bolt, Stator Support	6
37		Valve Assembly, Pressure Regulating (see Index)		76A	M7E-08	†Lockwasher, Stator Support	6
				77	M224009	Ring, Gear Retaining	1
				78	M214951	Gear, Impeller Hub	1
				79	M221653	Ring, Sealing	1
				80	M214925	Baffle, Oil	1
				81	MIC-628	Bolt, Oil Baffle	3
				82	M4E-06	Lockwasher, Oil Baffle	3
				83	M214939	"O" Ring, Oil Baffle	1
				84	M25K-40616	"O" Ring, Impeller Hub	1
				85	M214958	Hub, Impeller	1
				86	M214950	Housing, Converter	1
				86A	M14F-08	†Plug, Pipe	1
				86B	M40K-02	†Plug, Pipe	1

§—Not Sold Separately †—Not Illustrated

TORQUE CONVERTER ASSEMBLY—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
87	M223833	Turbine.....	1	92	M666542	Ring, Bearing Retaining.....	6
88	M214922	Drive Disc	1	93	M222006	Sleeve	1
89	M619023	Washer, Turbine Hub Bolt.....	8	94	M214933	Shaft, Turbine	1
90	M209313	Bolt, Turbine to Hub	8	95	M214988	Bearing, Impeller Cover	1
91	M214924	Hub, Turbine.....	1	96	M659065	Ring, Turbine Hub Snap	2



PRESSURE REGULATOR VALVE ASSEMBLY

For Serial: **Model 75A (Leyland)**—OS122/322 & thereafter
Model 75A (Cummins)—OS201/1 & thereafter
Model 75A (Volvo)—OS176/1 & thereafter

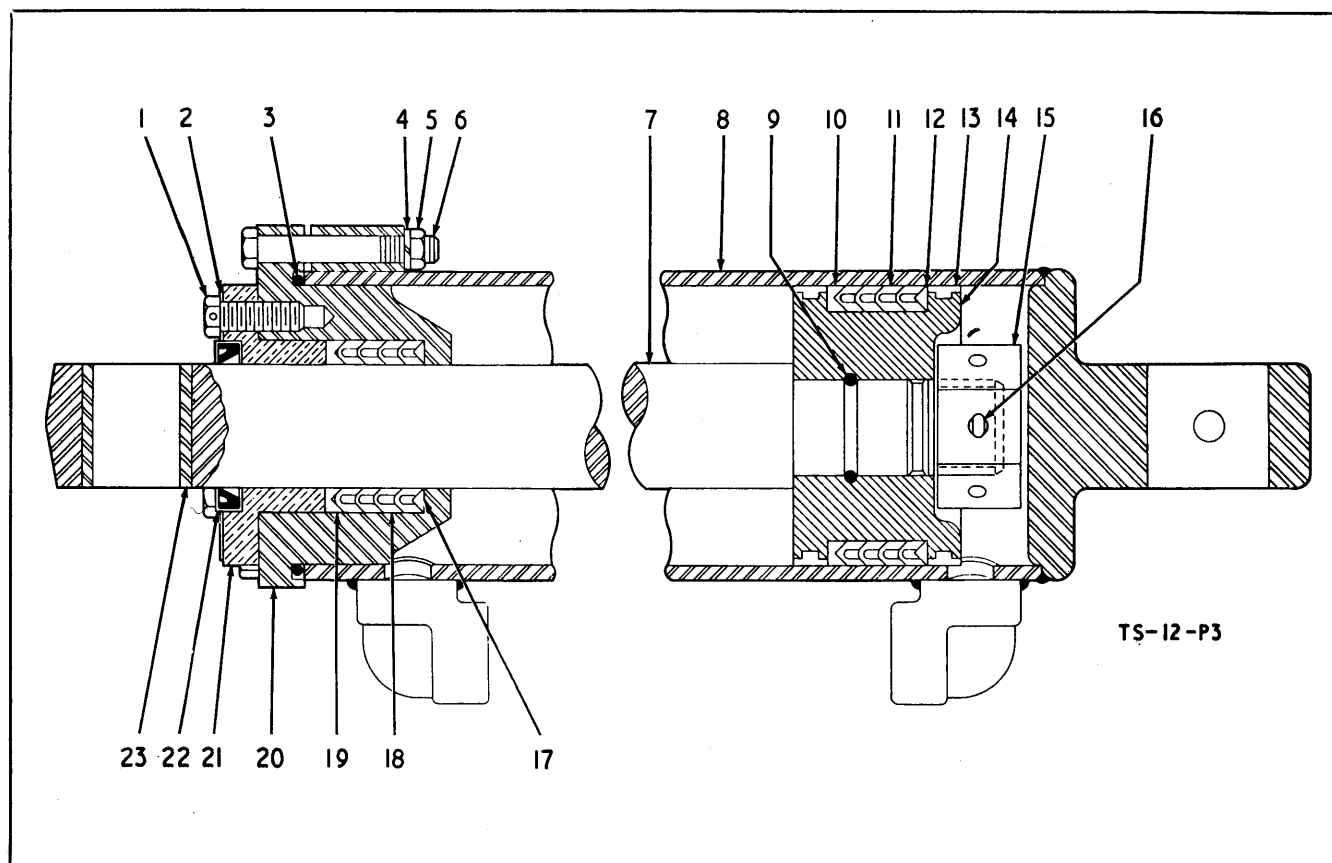
Model 75A (Perkins)—OS199/1 & thereafter
Model 75A (DAF)—OS220A/1 & thereafter
Model 75A (Perkins)—OS119/17 & thereafter

Item No.	Part No.	Description	No. Req'd.
A	M214969	Valve Assembly, Pressure Regulator (including Items 1 thru 3, 6, 8 thru 16)	1
1	M660178	Pin, Piston Stop	1
2	M220983	Stop, Piston	1
3	M25K-30018	"O" Ring, Piston Stop	1
4	MIC-616	Bolt, Valve to Converter	4
5	M4E-06	Lockwasher, Valve to Converter	4
6		§Piston, Valve (see Item 16)	
7	M40K-02	Plug, Valve Housing Pipe	2

Item No.	Part No.	Description	No. Req'd.
8	M214946	Seat, Safety Valve	1
9		§Body, Valve (see Item 16)	
10	M220981	Spring, Valve—Inner	1
11	M220982	Spring, Valve—Outer	1
12	M25K-30018	"O" Ring, Piston Stop	1
13	M660178	Pin, Piston Stop	1
14	M220983	Stop, Piston	1
15	M25K-40104	"O" Ring, Valve to Converter	1
16	M801101	†Housing and Piston Assembly (including Items 6 and 9)	1
17	M214949	†Gasket, Valve to Housing	1

§ — Not Sold Separately

† — Not Illustrated

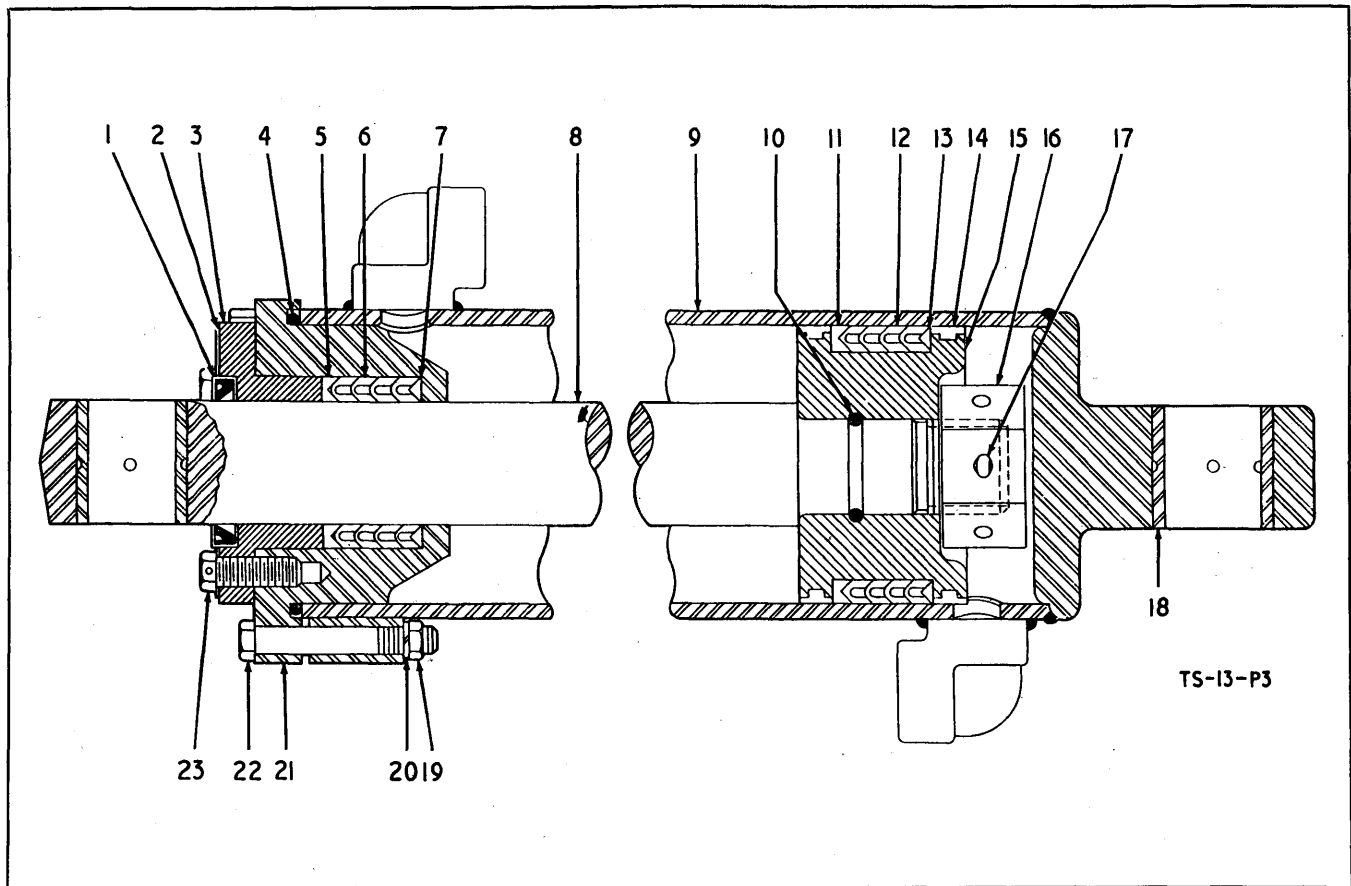


BOOM CYLINDER ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M551991	Boom Cylinder Assembly (including 1 thru 23).....	2	13	M550081	Ring, Piston Wear.....	4
1	AW202358	Bolt, Retainer	9	14	M550080	Piston	2
1A		Lockwire, Retainer Bolt (16G x 13" Long)	4	15	M551605	Nut, Piston Rod	2
2	M550089	Retainer, Piston Rod Wiper.....	2	16	AW5/134	Cotter, Piston Rod Nut.....	2
3	M25K-40416	"O" Ring, Cylinder Cap.....	2	17	M552487	"V" Ring, Chevron Packing Adaptor	2
4		Omit		18	M552483	Packing, Chevron.....	8
5	UFN108/R	Nut, Cylinder Cap	8	19	M552486	"T" Ring, Chevron Packing Adaptor	2
6	AW86/316	Bolt, Cylinder Cap	8	19A	M522619	†Shim	2
7	M550083	Piston Rod Assembly (including Item 23).....	2	20	M550085	Cap, Cylinder	2
8	M551992	Boom Cylinder.....	2	21	M550087	Packing Gland.....	2
9	AW10/40	"O" Ring, Piston Rod.....	2	22	M550088	Wiper, Piston Rod.....	2
10	M514741	"T" Ring, Chevron Packing Adaptor	4	23	M550066	Bushing, Piston Rod.....	2
11	M514742	Packing, Chevron	8	24	AW16/326	†Bolt, Pivot Shaft to Cyl.....	2
12	M514740	"V" Ring, Chevron Packing Adaptor	4	25	AW6/69	†Nut, Pivot Shaft to Cyl.....	2
12A	M514743	†Shim	2	26	AW4/8	†Lockwasher, Pivot Shaft to Cyl.	2
				27	AW32/49	†Grease Fitting.....	2

† — Not Illustrated

Quantity indicated as for 2 cylinders



BUCKET CYLINDER ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M514166	Bucket Cylinder Assembly, R.H. (including Items 1 to 9 and 10 to 24)	1	10	AW10/40	"O" Ring, Piston Rod	2
B	M529457	Bucket Cylinder Assembly, L.H. (including Items 1 to 9 and 10 to 24)	1	11	M514741	"T" Ring, Chevron Packing Adaptor	4
1	M550088	Wiper, Piston Rod	2	12	M514742	Packing, Chevron	8
2	M550089	Retainer, Piston Rod Wiper	2	13	M514740	"V" Ring, Chevron Packing Adaptor	4
3	M550087	Packing Gland	2	13A	M514743	†Shim	2
4	M25K-40416	"O" Ring, Cylinder Cap	2	14	M550081	Ring, Piston Wear	4
5	M552486	"T" Ring, Chevron Packing Adaptor	2	15	M550080	Piston	2
6	M552483	Packing, Chevron	8	16	M551605	Nut, Piston Rod	2
7	M552487	"V" Ring, Chevron Packing Adaptor	2	17	AW5/134	Cotter, Piston Rod Nut	2
7A	M522619	†Shim	2	18	M550229	Bushing	4
8	M550097	Piston Rod Assembly (including Items 18 and 24)	2	19	UFN108/R	Nut, Cylinder Cap	8
9	M514167	Cylinder and Bushing Assembly, R.H. (including Items 18 and 25)	1	20		Omit	
9A	M529458	Cylinder and Bushing Assembly, L.H. (including Items 18 and 25)	1	21	M550085	Cap, Cylinder	2
				22	AW86/316	Bolt, Cylinder Cap	8
				23	AW56/305	Bolt, Retainer	8
				23A	M550099	Lockwire, Retainer Bolt	2
				24	AW32/49	†Fitting, Grease—Piston	2
				25	AW32/64	†Fitting, Grease—Cylinder	2

† — Not Illustrated

Quantity indicated as for 2 cylinders

ENGINE ASSEMBLY (LEYLAND 0350)

All orders for engine assembly or components thereof should be placed with the nearest Leyland Motor Company distributor or dealer. Always give model, specification and serial number of your engine. This data will be found on name-plate attached to side of engine.

ENGINE SUPPORT PARTS (LEYLAND 0350)

(effective with serials OSI22/1
thru OSI22/23)

Item No.	Part No.	Description	No. Req'd.
1	AW200121	Bracket, Engine Rear Support ..	2
2	AW200232	Pad, Engine Rear Support	2
3	AW16/2	Bolt, Rear Bracket to Engine	8
4	AW4/8	Washer, Rear Bracket to Engine	8
5	AW16/308	Bolt, Rear Bracket to Frame	4
6	AW25/95	Nut, Rear Bracket to Frame	4
7	AW2/110	Washer, Rear Bracket to Frame	4
8	AW200113	Bracket, Engine Mounting, Front (L.H.)	1
9	AW200116	Bracket, Engine Mounting, Front (R.H.)	1
10	AW56/305	Setscrew, Front Bracket to Engine	4
11	AW6/67	Nut, Front Bracket to Engine	4
12	AW4/6	Washer, Front Bracket to Engine	4
13	AW57/304	Setscrew, Front Bracket to Engine	2
14	AW6/68	Nut, Front Bracket to Engine	2
15	AW4/7	Washer, Front Bracket to Engine	2
16	AW14/301	Bolt, Front Bracket to Frame	4
17	AW6/67	Nut, Front Bracket to Frame	4
18	AW4/6	Lockwasher, Front Bracket to Frame	4

ENGINE SUPPORT PARTS (LEYLAND 0350)

(effective with serials OSI22/24
thru OSI22/62)

Item No.	Part No.	Description	No. Req'd.
1	AW200627	Bracket, Engine Rear Support ..	2
2	AW200232	Pad, Engine Rear Support	2
3	AW16/2	Bolt, Rear Bracket to Engine	8
4	AW4/8	Lockwasher, Rear Bracket to Engine	8
5	AW16/308	Bolt, Rear Bracket to Frame	4
6	AW25/95	Nut, Rear Bracket to Frame	4
7	AW2/110	Washer, Rear Bracket to Frame	4
7A	AW3/41	Taperwasher, Rear Bracket to Frame	4
8	AW200623	Bracket, Engine Mounting, Front (L.H.)	1
9	AW200625	Bracket, Engine Mounting, Front (R.H.)	1
10	AW56/305	Setscrew, Front Bracket to Engine	4
11	AW6/67	Nut, Front Bracket to Engine ..	4
12	AW4/6	Lockwasher, Front Bracket to Engine	4
13	AW57/306	Setscrew, Front Bracket to Engine	2
14	AW6/68	Nut, Front Bracket to Engine ..	2
15	AW4/7	Lockwasher, Front Bracket to Engine	2
16	AW14/303	Bolt, Front Bracket to Frame	4
17	AW6/67	Nut, Front Bracket to Frame	4
18	AW4/6	Lockwasher, Front Bracket to Frame	4

**ENGINE SUPPORT PARTS
(LEYLAND 0350)**

(effective with serials OS.122/63
thru OS.122/453)

Item No.	Part No.	Description	No. Req'd
1	AW201095	Bracket, Engine Rear Support ..	2
2	AW200232	Pad, Engine Rear Support	2
3	AW16/2	Bolt, Rear Bracket to Engine	8
4	AW4/8	Lockwasher, Rear Bracket to Engine	8
5	AW46/506	Bolt, Rear Bracket to Frame	4
6	AW7/149	Nut, Rear Bracket to Frame.....	4
7	AW5/62	Washer, Rear Bracket to Frame	4
8	AW3/41	Taperwasher, Rear Bracket to Frame.....	4
9	AW200623	Bracket, Engine Mounting Front (L.H.)	1
10	AW200625	Bracket, Engine Mounting Front (R.H.)	1
11	AW56/305	Setscrew, Front Bracket to Engine	4
12	AW6/67	Nut, Front Bracket to Engine.....	4
13	AW4/6	Lockwasher, Front Bracket to Engine	4
14	AW57/306	Setscrew, Front Bracket to Engine	2
15	AW6/68	Nut, Front Bracket to Engine.....	2
16	AW4/7	Lockwasher, Front Bracket to Engine	2
17	AW44/503	Bolt, Bracket to Frame	4
18	AW7/147	Nut, Slotted	4
19	AW5/30	Split Pin	4
20	AW201640	Special Washer	4
21	AW14/3	Bolt, Torque Converter to Fly-wheel Housing	12
22	AW4/6	Springwasher	12

**ENGINE SUPPORT PARTS
(LEYLAND 0350)**

(effective with serials OS.122/454
and thereafter)

Item No.	Part No.	Description	No. Req'd.
1	AW206189	Bracket, Engine Rear Support ..	2
2	AW200232	Pad, Engine Rear Support	2
3	AW16/2	Bolt, Rear Bracket to Engine	8
4	AW4/8	Lockwasher, Rear Bracket to Engine	8
5	AW46/508	Bolt, Rear Bracket to Frame	4
6	AW7/149	Nut, Rear Bracket to Frame.....	4
7	AW5/62	Washer, Rear Bracket to Frame	4
8	AW3/41	Taperwasher, Rear Bracket to Frame.....	4
9	AW206193	Bracket, Engine Mounting Front (L.H.)	1
10	AW206191	Bracket, Engine Mounting Front (R.H.)	1
11	AW56/305	Setscrew, Front Bracket to Engine	4
12	AW6/67	Nut, Front Bracket to Engine.....	4
13	AW4/6	Lockwasher, Front Bracket to Engine	4
14	AW57/306	Setscrew, Front Bracket to Engine	2
15	AW6/68	Nut, Front Bracket to Engine.....	2
16	AW4/7	Lockwasher, Front Bracket to Engine	2
17	AW44/503	Bolt, Bracket to Frame	4
18	AW7/147	Nut, Slotted	4
19	AW5/30	Split Pin	4
20	AW201640	Special Washer	4
21	AW14/3	Bolt, Torque Converter to Flywheel Housing	12
22	AW4/6	Springwasher	12

ENGINE ASSEMBLY
(PERKINS P.6 & SIXB-305)
(effective with serials OS119/1 & thereafter
& OS199/1 & thereafter)

All orders for engine assembly or components thereof, should be placed with the nearest Perkins Ltd., distributor or dealer. Always give model, specification, and serial number of your engine. This data will be found stamped on the nameplate attached to the side of the engine.

ENGINE SUPPORT PARTS
(PERKINS P.6 & SIXB-305)
(effective with serials OS199/1 & thereafter &
OS199/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
1	AW200047	Pad, Engine Rear Support	2
2	AW18/314	Bolt, Support to Frame (Rear) ..	2
3	AW2/112	Washer, Support to Frame (Rear)	2
4	AW6/71	Nut, Support Bolt (Rear)	4
5	AW16/301	Bolt, Engine Mounting (Front) ..	2
6	AW4/8	Lockwasher, Front Mounting	2
7	AW6/62	Nut, Front Mounting	2
8	AW200042	Bracket Assembly, Engine Front Support	1
9	AW14/602	Bolt, Torque Converter to Flywheel Housing	12
10	AW4/6	Springwasher	12

ENGINE ACCESSORIES

11	AW200221	Sender Unit, Engine Temperature	1
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ENGINE ASSEMBLY
(CUMMINS JF-6-BI)
(effective with serials OS201/1 & thereafter)

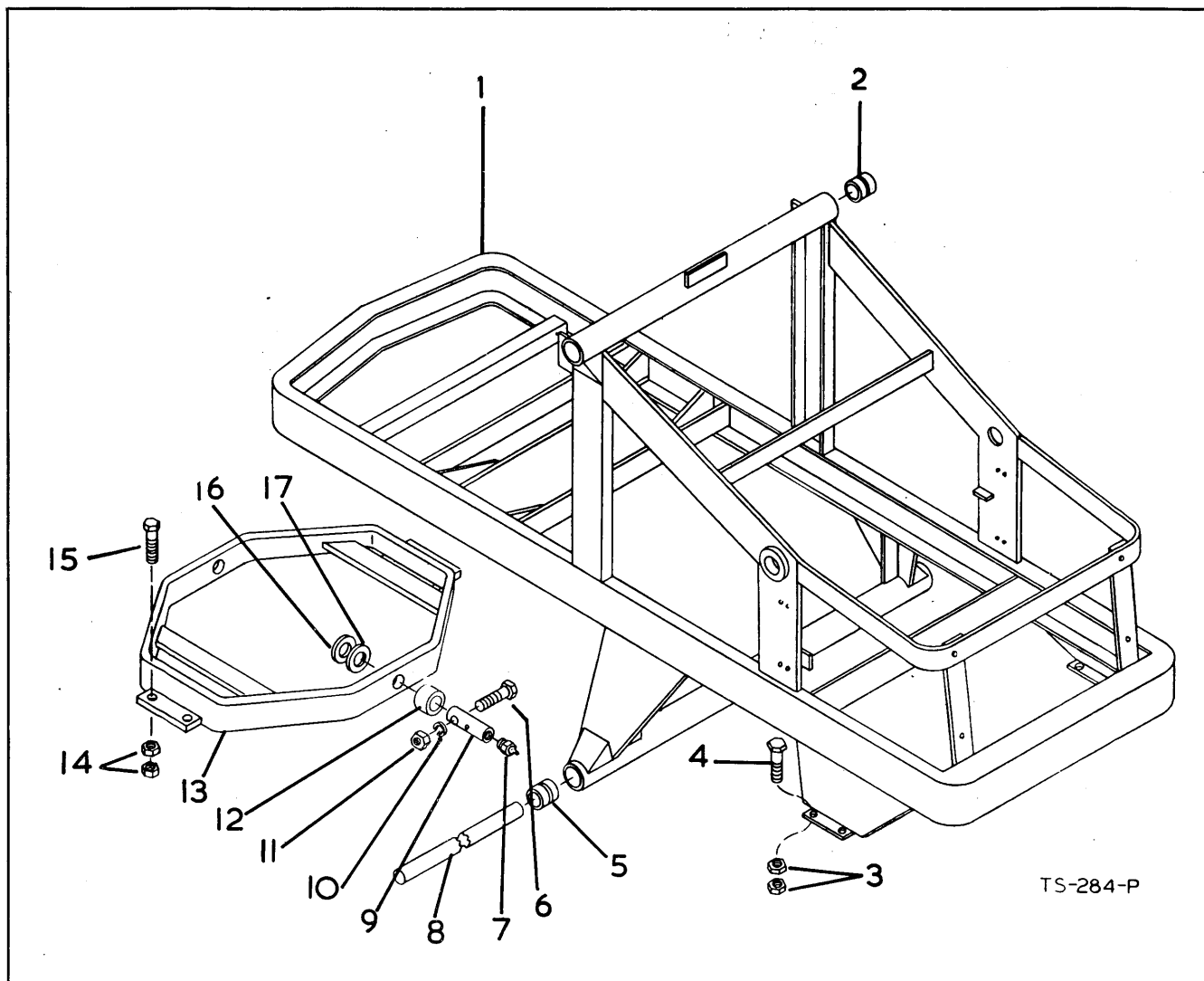
All orders for engine assembly or components thereof, should be placed with the nearest Cummins distributor or dealer. Always give model, specification and serial number of your engine. This data will be found stamped on the name plate attached to the side of your engine.

ENGINE SUPPORT PARTS
(CUMMINS JF-6-BI)
(effective with serials OS201/1 & thereafter)

Item No.	Part No.	Description	No. Req'd.
1	AW205384	Engine Mounting, Welded Assembly	2
2	AW200232	Pad, Engine Mounting, Rear	2
3	AW16/602	Bolt, Bracket to Engine	8
4	AW4/8	Springwasher, Bracket to Engine	8
5	AW46/506	Bolt, Bracket to Frame	4
6	AW7/149	Nut, Slotted—Thick—Bracket to Frame	4
7	AW5/62	Split Pin, Bolt Bracket to Frame	4
8	AW3/41	Taperwasher, Bolt, Bracket to Frame	4
9	AW48/518	Bolt, Engine to Frame	2
10	AW7/151	Nut, Slotted—Thick—Bolt, Engine to Frame	2
11	AW5/90	Split Pin, Bolt, Engine to Frame	2
12	AW14/604	Bolt, Torque Converter to Flywheel Housing	12
13	AW4/6	Springwasher	12

ENGINE ACCESSORIES

14	AW200221	Sender Unit	2
15	AW200337	Adaptor	2

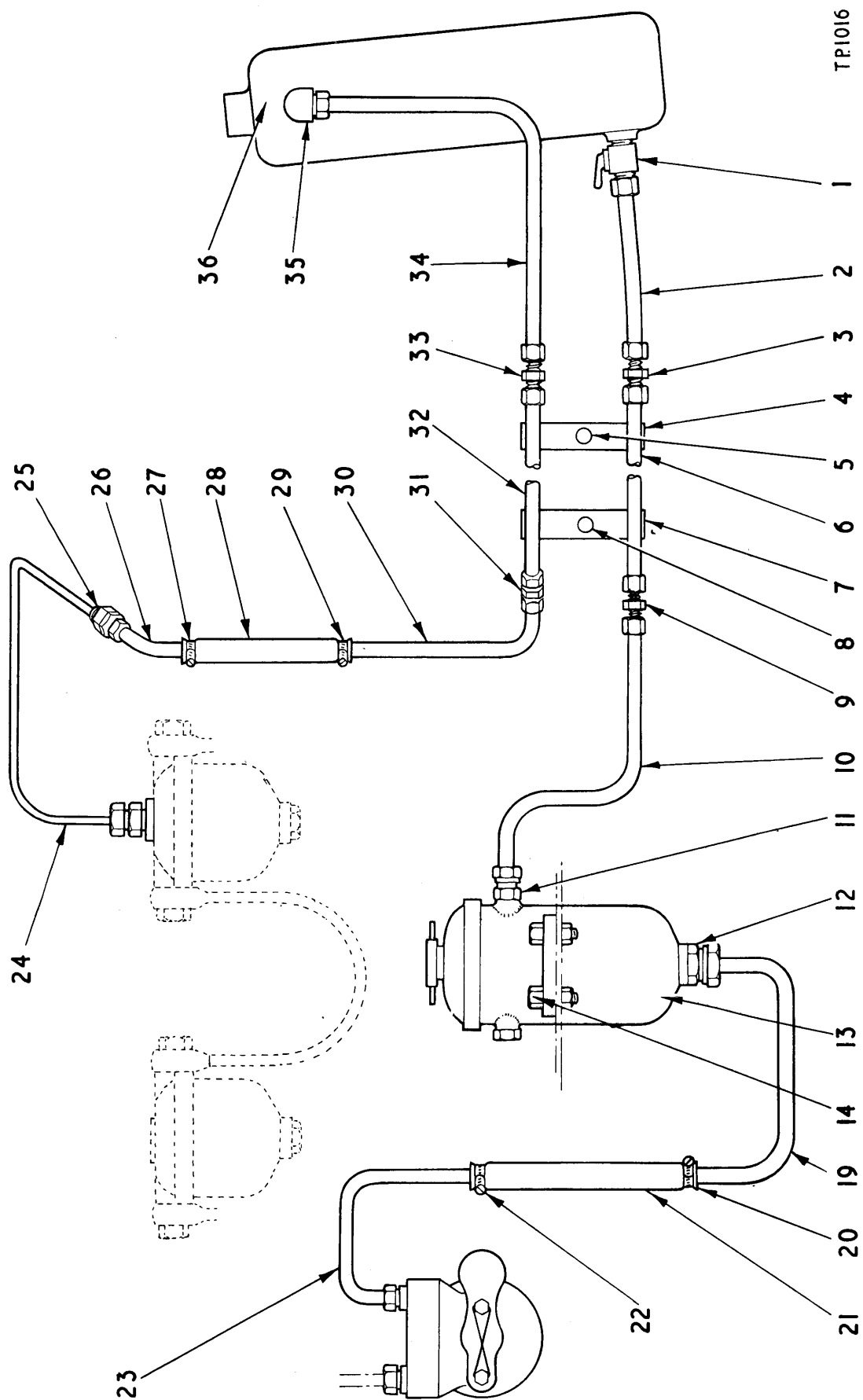


FRAME ASSEMBLY

For serial: Model 75A (Leyland)—OS122/1 and thereafter. Model 75A (Perkins)—OS119/1 and thereafter. Model 75A (Perkins)—OS199/1 and thereafter. Model 75A (Cummins)—OS201/1 and thereafter. Model 75A (DAF)—OS220/1 and thereafter. Model 75A (Volvo)—OS176/1 and thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Frame Assembly	1	5	M550010	Bushing, Boom Cyl. Pivot Shaft	2
	AW200528	Perkins Engine (including Items 2 and 5)		6	AW16/138	Bolt, Cradle Pivot Pin	2
	AW200529	Leyland and DAF Engines, including Items 2 and 5)		7	AW32/71	Fitting, Cradle Pivot Pin Grease	2
	AW207237	Cummins Engine (including Items 1A, 1B, 2 and 5)		8	M550070	Shaft, Boom Cyl. Pivot	1
	AW207238	Volvo Engine (including Items 2 and 5)		9	M550069	Pin, Cradle Pivot	2
1A	AW205348	Packing (for use with AW207237)	2	10	AW4/8	Lockwasher, Cradle Pivot Pin	2
1B	AW3/33	Taperwasher (for use with Item 1A)	2	11	AW6/69	Nut, Cradle Pivot Pin	2
2	M550010	Bushing, Boom Pivot Tube	2	12	M550066	Bushing, Cradle Pivot Pin	2
3	AW25/98	Nut, Axle Mtg.	16	13	AW204802	Drive Steer Axle Cradle Assembly (including Item 12)	1
4	AW49/328	Bolt, Axle Mtg.	8	14	AW25/98	Nut, Axle Mtg.	16
				15	AW49/332	Bolt, Axle Mtg.	8
				16	M551348	†Washer, Cradle to Frame	
				17	M551347	†Washer, Cradle to Frame	
				18	M550253	†Pad, Axle Mtg.	2

†—Not Illustrated ‡—As Required

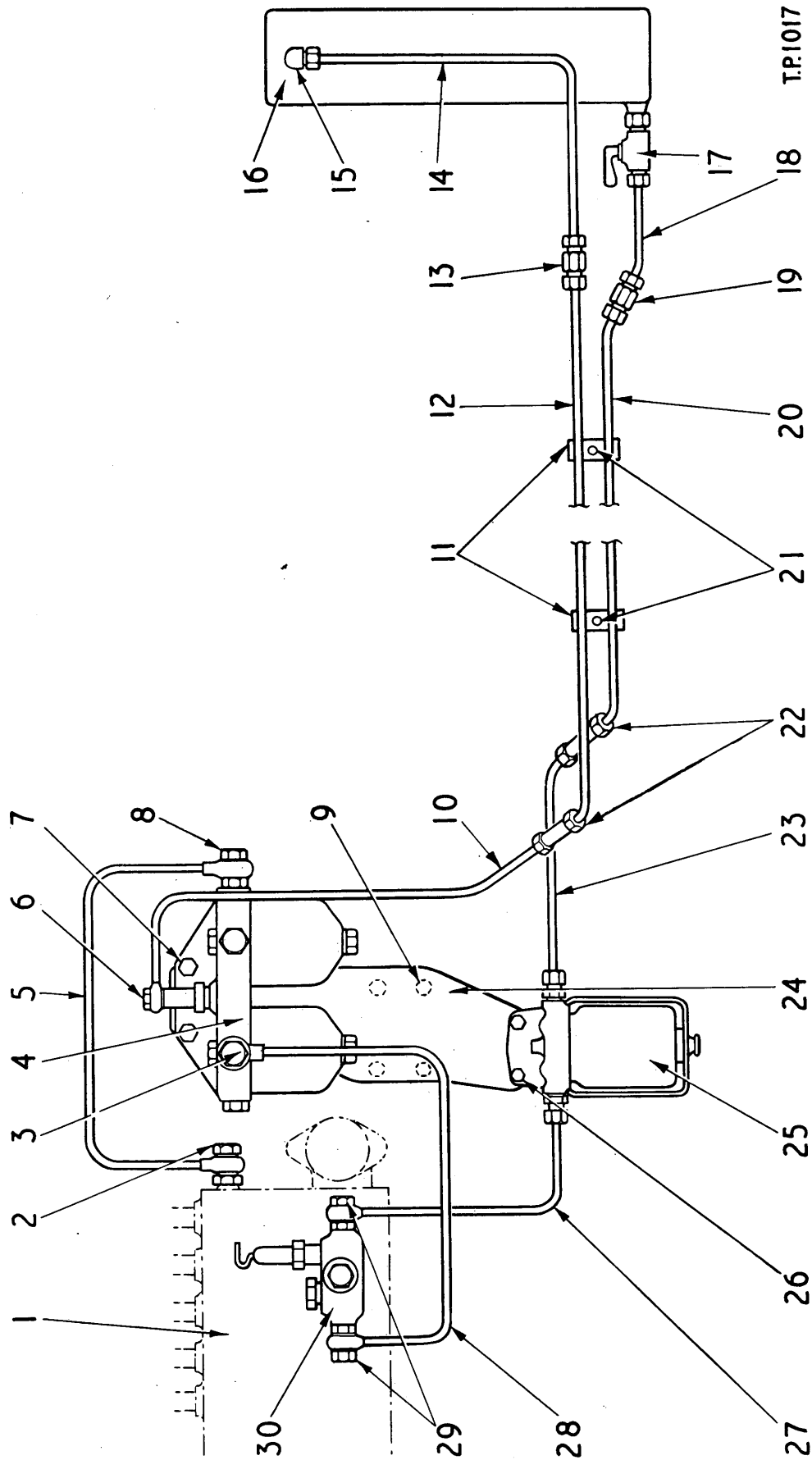


FUEL LINES (LEYLAND AND DAF)

(effective with serials OSI22/I and thereafter. OS220A/I and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200097	Shut-off Valve	1	17	AW3/14	†Taper Washer, Filter to Frame	2
2	AW200360	Pipe, Shut-off to Union.....	1	18	AW2/9	†Washer, Plain, Filter to Frame	2
3	AW200271	Union, Double Ended.....	1	19	AW200411	Pipe, Pre-filter to Flex	1
4	AW200272	Clip, Pipes to Frame	1	20	AW53/2	Clip, Flexible Pipe.....	1
5	UFB104/8R	Bolt, Clip to Frame.....	1	21	AW200420	Flex, Connection.....	1
5A	UFN104/A	Nut, Clip to Frame.....	1	22	AW53/2	Clip, Flexible Pipe.....	1
5B	AW4/4	Lockwasher, Clip to Frame.....	1	23		Pipe, Flex to Lift Pump	
6	AW10395/57	Pipe, Union to Union.....	1		AW200752	Leyland Powered M/c's	1
7	AW200272	Clip, Pipes to Frame.....	1		AW206091	DAF Powered M/c's	1
8	UFB104/8R	Bolt, Clip to Frame.....	1	24		See Engine Spares List	
8A	UFN104/A	Nut, Clip to Frame.....	1	25		See Engine Spares List	
8B	AW4/4	Lockwasher, Clip to Frame.....	1	26		Pipe, Leak-back, Union to Flex	
9	AW200271	Union, Double Ended.....	1		AW200413	Leyland Powered M/c's	1
10	AW200412	Pipe, Pre-filter to Union	1		AW206092	DAF Powered M/c's	1
11	AW200827	Adaptor, Pre-filter, Inlet	1	27	AW53/3	Clip, Flexible Pipe	1
12	AW200827	Adaptor, Pre-filter, Outlet	1	28	AW200420	Flexible Connection.....	1
13	AW200305	Pre-filter	1	29	AW53/3	Clip, Flex	1
13A	AW200851	†Cartridge Kit, Pre-Filter.....	1	30	AW200766	Pipe, Flex to Union.....	1
13B	AW201438	†Cloth, Fuel Pre-filter	1	31	AW200271	Union, Double Ended.....	1
14	AW15/303	Bolt, Filter to Frame.....	2	32	AW10395/57	Pipe, Union to Union.....	1
15	AW6/68	†Nut, Filter to Frame.....	2	33	AW200271	Union, Double Ended.....	1
16	AW4/7	†Lockwasher, Filter to Frame.....	2	34	AW10395/29	Pipe, Union to Tank, Leak-back	1
				35	AW200174	Elbow Fitting, Fuel Tank.....	1
				36		Tank, Fuel (see Index)	

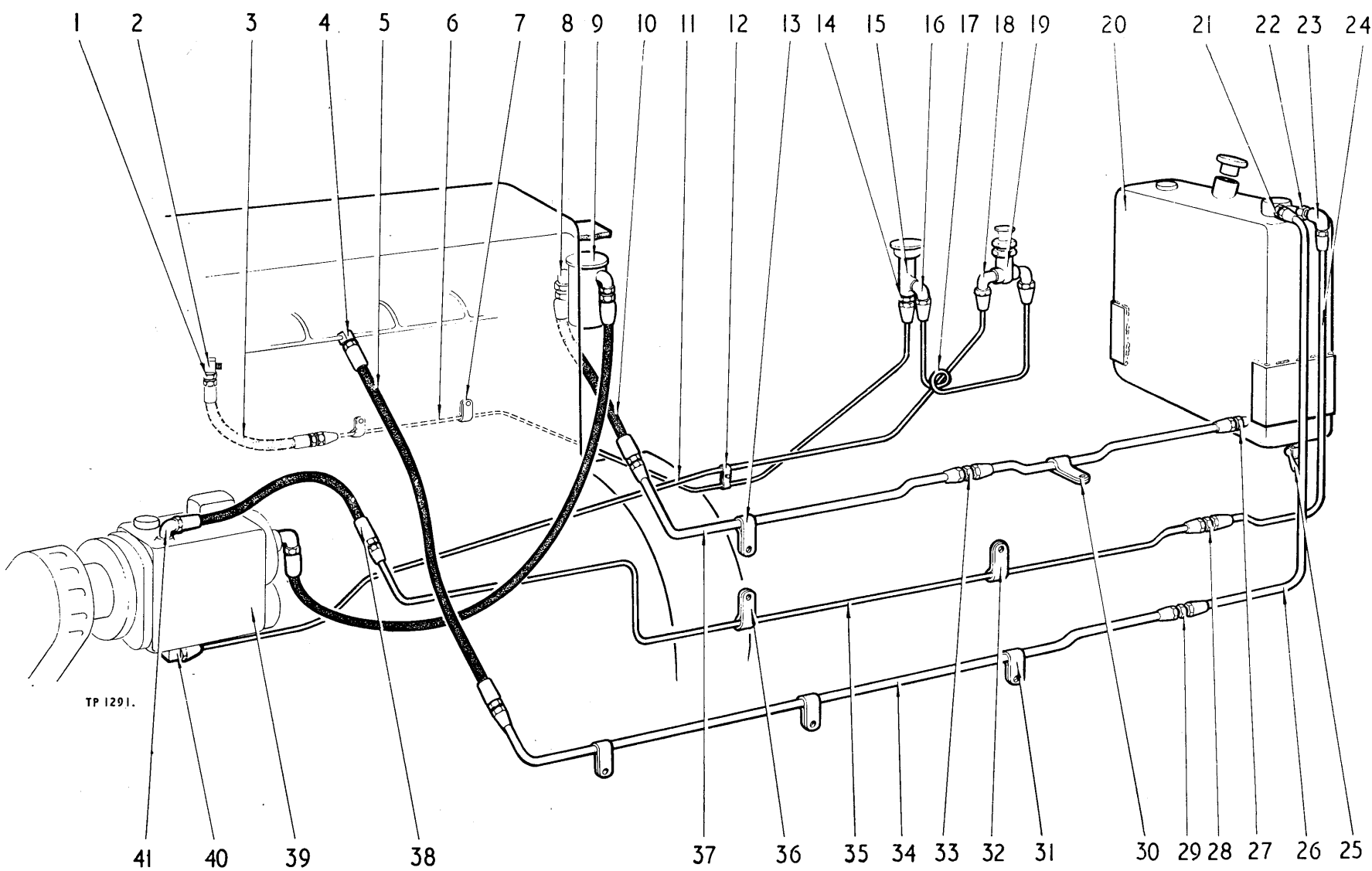
† — Not Illustrated



FUEL LINES (PERKINS)

(effective with serials OS119/1 and thereafter. OS199/1 and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Pump, Fuel Injection (see Perkins List)		14	AW200765	Pipe, Union to Tank.....	1
2		Bolt, Banjo to Injector Pump (see Perkins List)		15	AW200174	Elbow	1
2A		Washer, Banjo Bolt (see Perkins List)		15A	AW200920	Nut	1
3		Bolt, Banjo to Twin Filter (see Perkins List)		15B	AW200921	Olive	1
3A		Washer, Banjo Bolt (see Perkins List)		16		Fuel Tank (see Index)	
4		Twin Fuel Filter (see Perkins List)		17	AW200097	Shut-off Valve	1
5	AW200357	Pipe, Twin Filter to Injection Pump.....	1	17A	AW200920	Nut, Valve.....	1
6		Bolt, Banjo to Twin Filter (see Perkins List)		17B	AW200921	Olive, Valve.....	1
6A		Washer, Banjo Bolt (see Perkins List)		18	AW200360	Pipe, Shut-off Valve to Union....	1
7	AW15/311	Bolt, Twin Filter to Bracket.....	2	19	AW200271	Union, Straight.....	1
7A	AW6/68	Nut, Twin Filter to Bracket.....	2	19A	AW200920	Nut, Union.....	2
7B	AW4/7	Lockwasher, Twin Filter to Bracket.....	2	19B	AW200921	Olive, Union	2
8		Bolt, Banjo to Twin Filter (see Perkins List)		20	AW10395/57	Pipe, Union to Flexible Connector.....	1
8A		Washer, Banjo Bolt (see Perkins List)		21	UFB104/8R	Bolt, Clip to Frame.....	2
9	AW56/8	Bolt, Mounting Bracket to Engine.....	4	21A	UFN104/A	Nut, Clip to Frame.....	2
9A	AW4/6	Lockwasher, Mounting Bracket to Engine.....	4	21B	AW4/4	Lockwasher, Clip to Frame.....	2
10	AW200358	Pipe, Flex Connector to Twin Filter.....	1	22		Flexible Connector (see Perkins List)	
11	AW200272	Clip, Pipes to Frame.....	2	23	AW200359	Pipe, Flexible Connector to Pre-filter.....	1
12	AW10395/57	Pipe, Union to Flexible Connector.....	1	24	AW200310	Mounting Bracket, Filters.....	1
13	AW200271	Union, Straight.....	1	25		Pre-filter, fuel (see Perkins List)	
13A	AW200920	Nut, Union.....	2	26	AW13/301	Bolt, Pre-filter to Bracket.....	2
13B	AW200921	Olive, Union	2	26A	AW6/66	Nut, Pre-filter to Bracket.....	2
				26B	AW4/5	Lockwasher, Pre-filter to Bracket.....	2
				27	AW200355	Pipe, Pre-filter to Lift Pump.....	1
				28	AW200356	Pipe, Lift Pump to Twin Filter....	1
				29		Bolt, Banjo to Lift Pump (see Perkins List)	
				29A		Washer, Banjo Bolt (see Perkins List)	
				30		Lift Pump, Fuel (see Perkins List)	



FUEL LINES (CUMMINS)

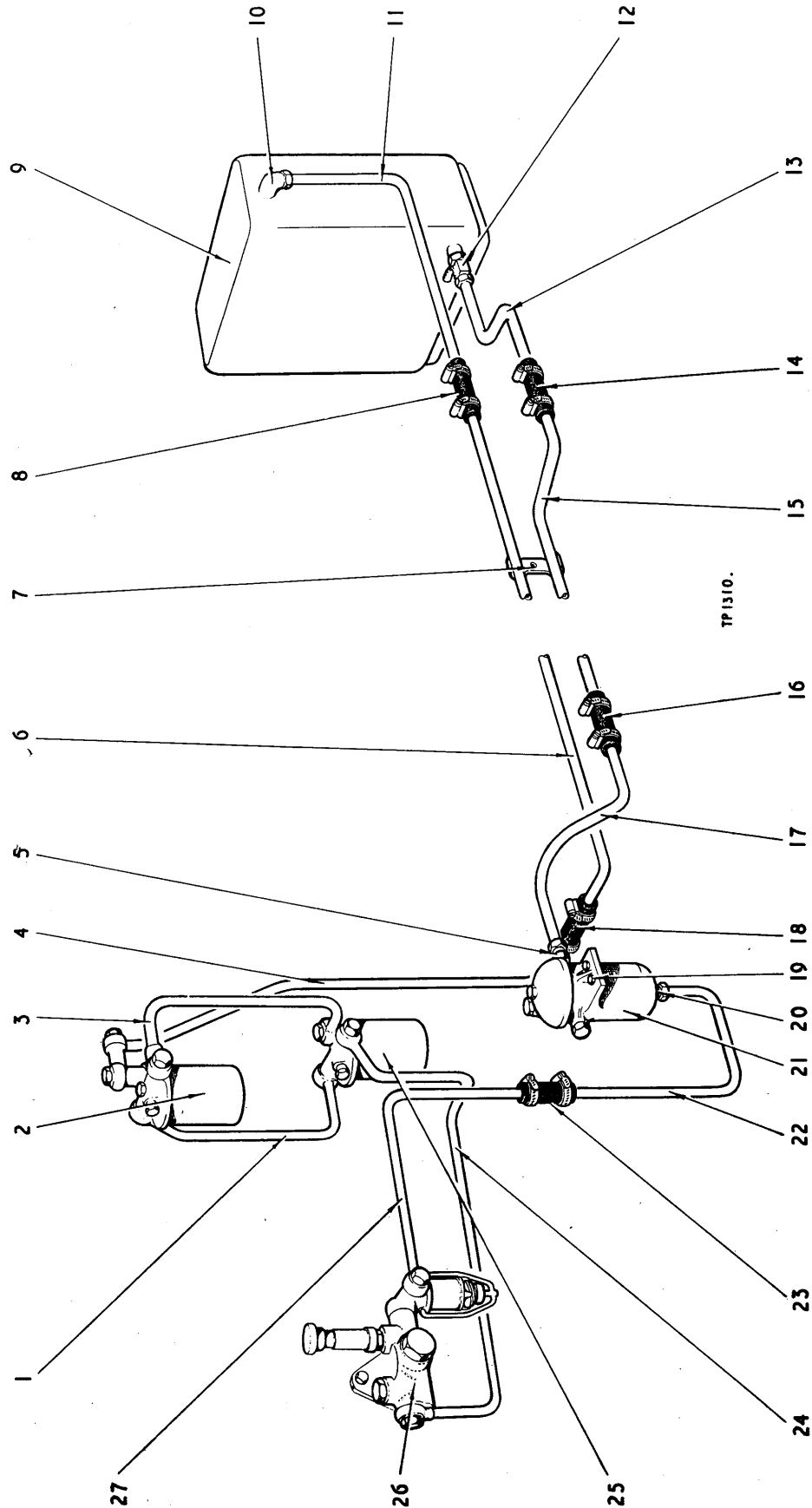
(effective with serials OS201/I and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Union (supplied with Engine).....	1	17A	M47F-3	Tube Nut	2
2		Adaptor—Union to Hose (supplied with Engine)	1	18	M42F-3	Elbow, Primer	2
3	M524957	Hose Assembly Feed, Pipe to Manifold	1	19		Primer (supplied with Engine)	
4		Union, Injectors (see Engine)		20		Fuel Tank (see Index).....	1
5	M527613	Hose Assembly Spill Back, Injectors to Rear Pipe	1	21	M38F-7	Adaptor, Front Spill Back Pipe to Tank	1
6	AW206363	Pipe Assmebly Feed, Preheater Gauge to Manifold Hose (including Item 6A)	1	22	M38F-7	Adaptor, Front Pump Return Pipe to Tank	1
6A	M47F-3	Tube Nut	2	23	M42F-6	Elbow, Front Pump Return Pipe to Tank	1
7	M6H-4	Clip, Feed Pipe Assembly to Engine	2	24	AW206362	Pipe Assembly Front, Rear Pump Return Pipe to Tank (including Item 24A)	1
7A	UCS106/6R	†Bolt, Clip to Engine	2	24A	M47F-7	Tube Nut	2
7B	AW4/6	†Springwasher, Clip to Engine	2	25	AW200045	Shut-off Valve, Tank	1
7C	AW2/8	†Plainwasher, Clip to Engine.....	2	26	AW206360	Pipe Assembly Front, Rear Spill Back Pipe to Tank	1
8	M519275	Union (including Locknut and 'O' Ring), Supply Hose to Filter	1	27	M38F-10	Adaptor, Front Supply Pipe to Tank	1
9		Filter (see Engine list)		28	M40F-5	Straight Adaptor, Rear to Front Pump Return Pipe	1
10	M516316	Hose Assembly Supply, Front Pipe to Filter	1	29	M40F-7	Straight Adaptor, Spill Back, Rear to Front Pump	1
11	AW206365	Pipe Assembly Feed, Pump to Primer (including Item 11A)	1	30	M6H-16	Clip, Front Supply Pipe (including Items 30A, 30B and 30C)	1
11A	M47F-3	Tube Nut	2	30A	UFS106/8R	†Bolt, Clip to Chassis.....	1
12	AW201955	Clip (including Items 12A thru 12D), Feed Pipe to Feed Pipe	1	30B	AW4/6	†Lockwasher	1
12A	AW206236	†Backing Plate to Clip	1	30C	UFN106/A	†Nut	1
12B	AW54/306	†Setscrew, Clip to Plate	1	31	M6H-30	Clip, Rear Spill Back Pipe to Chassis (including Items 31A, 31B and 31C)	3
12C	AW4/4	†Lockwasher	1	31A	UFS106/8R	†Bolt, Clip to Chassis	3
12D	AW6/65	†Nut	1	31B	AW4/6	†Lockwasher	3
13	M6H-16	Clip, Rear Supply Pipe to Chassis	1	31C	UFN106/A	†Nut	3
13A	UFS106/8R	Bolt, Clip to Clip to Chassis.....	1	32	M6H-10	Clip, Rear Pump Return Pipe to Chassis (including Items 31A, 32B & 32C)	1
13B	AW4/6	Lockwasher	1	32A	UFS106/8R	†Bolt, Clip to Chassis	1
13C	UFN106/A	Nut	1	32B	AW4/6	†Lockwasher	1
14	M38F-3	Adaptor, Preheater Gauge.....	1	32C	UFN106/A	†Nut	1
15		Preheater Gauge (Engine)		33	M40F-8	Straight Adaptor, Supply to Front Pipe	1
16	M42F-3	Elbow, Preheater Gauge	1				
17	AW206364	Feed Pipe Assembly, Primer to Gauge (including Item 17A)	1				

†—Not Illustrated

FUEL LINES (CUMMINS)—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
34	AW206359	Pipe Assembly Rear, Front Spill Back Pipe to Hose (including 34A)	1	37	AW206358	Pipe Assembly Rear, Front Supply Pipe to Hose (including Item 37A)	1
34A	M47F-7	Tube Nut	2	37A	M47F-8	Tube Nut	2
35	AW206361	Pipe Assembly, Rear, Front Pump Return Pipe to Hose (including Item 35A)	1	38	M524960	Hose Assembly Pump Return, Pump to Rear Pipe	1
35A	M47F-5	Tube Nut	2	39		Pump (see Engine List)	
36	M6H-10	Clip, Rear Pump Return Pipe to Chassis (including Item 12A thru 12D)	1	40		Union, Pump to Feed Pipe (see Engine List)	
				41		Elbow, Pump to Return Hose (see Engine List)	

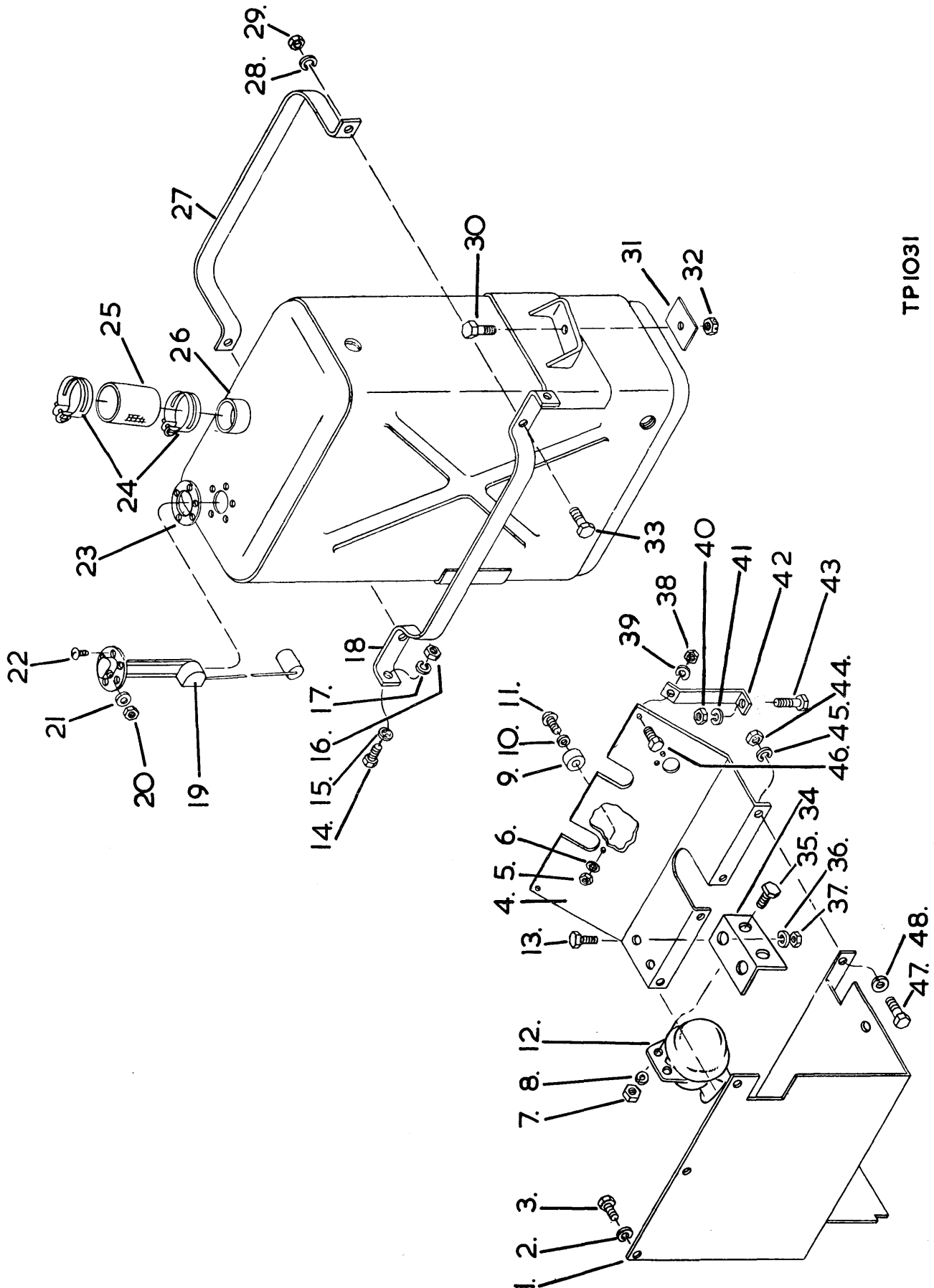


FUEL LINES (VOLVO)

(effective with serials OS176/1 and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		See Engine Spares List		16	AW200420	Hose	1
2		See Engine Spares List		16A	AW53/2	Jubilee Clip	2
3		See Engine Spares List		17	AW207246	Pipe Assembly—Pre-filter to Hose	1
4	AW207249	Pipe Assembly — Leak-back Filter to Hose	1	18	AW200420	Hose	1
5	AW200827	Double Ended Union	1	18A	AW53/2	Jubilee Clip	2
6	AW207250	Pipe—Leak-back, Hose to Hose	1	19	AW15/303	Bolt, Pre-filter to Frame	2
7	AW200272	Double Pipe Clip	2	19A	AW6/68	†Nut, Pre-filter to Frame	2
7A	AW12/303	†Bolt, Clip to Frame	2	19B	AW4/7	†Springwasher, Pre-filter to Frame	2
7B	AW6/65	†Nut, Clip to Frame	2	19C	AW3/14	†Taperwasher, Pre-filter to Frame	2
7C	AW4/4	†Springwasher, Clip to Frame	2	19D	AW2/9	†Plainwasher, Pre-filter to Frame	2
8	AW200420	Hose	1	20	AW200827	Double Ended Union	1
8A	AW53/2	Jubilee Clip	2	21	AW200305	Fuel Pre-filter	1
9		Fuel Tank (see Index)		22	AW207242	Pipe Assembly—Pre-filter to Hose	1
10	AW200174	Elbow	1	23	AW200420	Hose	1
11	AW200765	Pipe Assembly—Elbow to Hose	1	23A	AW53/2	Jubilee Clip	2
12	AW200097	Shut-off Valve	1	24		See Engine Spares List	
13	AW207246	Pipe Assembly—Tank to Hose	1	25		See Engine Spares List	
14	AW200420	Hose	1	26		See Engine Spares List	
14A	AW53/2	Jubilee Clip	2				
15	AW207247	Pipe—Feed, Hose to Hose	1				

†—Not Illustrated



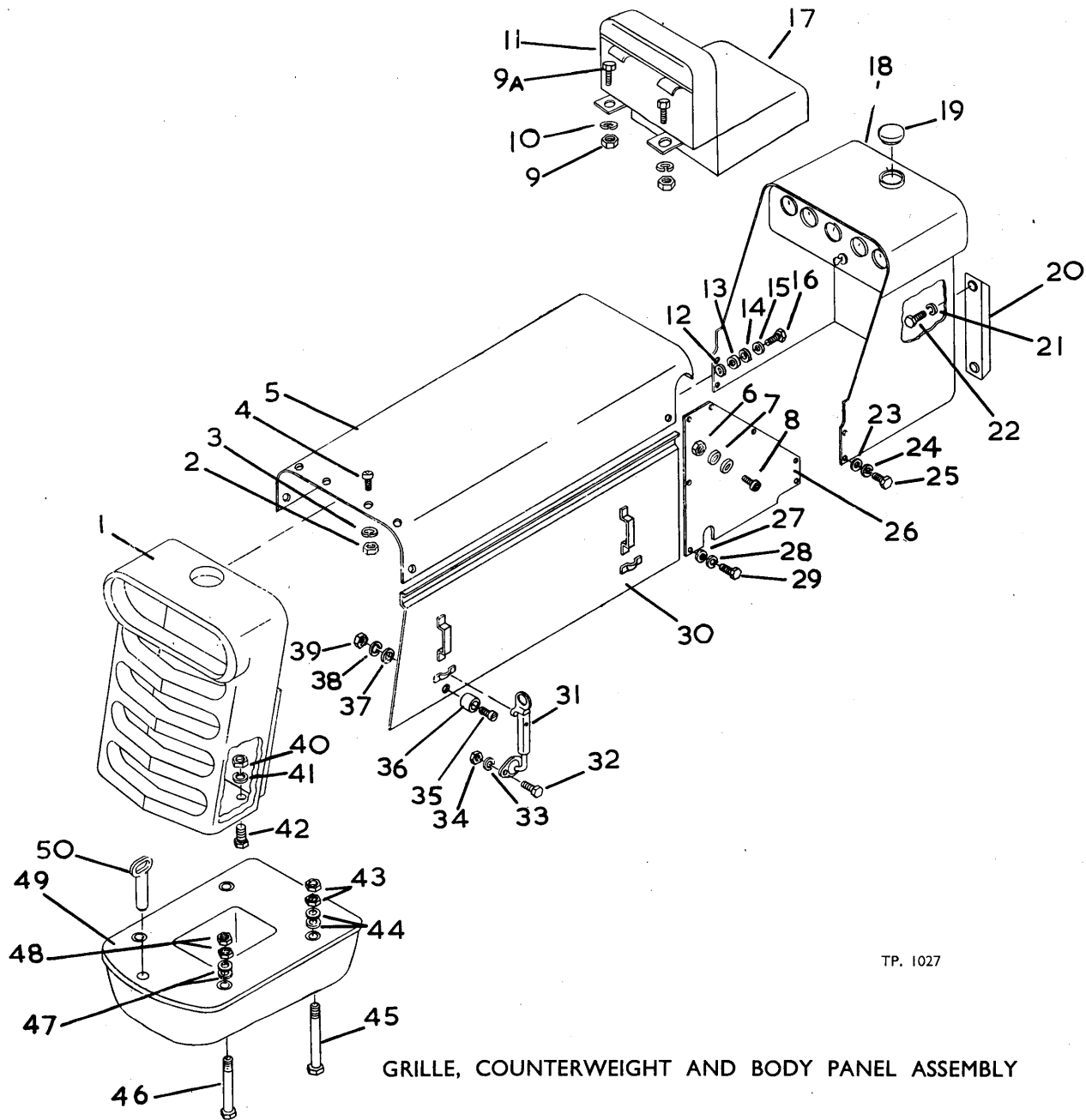
TP1031

FLOORBOARD, HORN AND FUEL TANK ASSEMBLY

For serial: Model 75A (Leyland)—OS122/1 & thereafter. Model 75A (Perkins)—OS119/1 thru 17. Model 75A (Perkins)—OS199/1 & thereafter. Model 75A (Cummins)—OS201/1 & thereafter. Model 75A (D.A.F.)—OS220/1 & thereafter. Model 75A (Volvo)—OS176/1 & thereafter.

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	M552375	Floorboard Assembly—Rear Cummins, Leyland, Perkins and DAF Powered	1	22A	AW31/11	†Washer, Fibre	6
	AW206108	Volvo Powered	1	23	AW200406	Gasket, Fuel Gauge to Tank Leyland, DAF and Volvo Powered	1
2	AW4/6	Lockwasher, Floorboard to Frame	3		AW200362	Perkins and Cummins Powered	1
2A	AW2/8	†Washer, Floorboard to Frame	3	24	AW53/14	Clamp, Fuel Filler Hose	2
3	AW56/604	Bolt, Floorboard to Frame	3	25	M550712	Hose, Fuel Filler	1
4		Floorboard Assembly—Front Leyland and Perkins Powered	1	26	AW200401	Fuel Tank Assembly Leyland, DAF and Volvo Powered	1
	AW200053	Cummins and DAF Powered	1		AW200343	Perkins Powered	1
	AW206064	Volvo Powered	1		AW205398	Cummins Powered	1
5	AW23/3	Nut, Bumper Mtg.	2	26A	AW201026	†Cap, Fuel Filler	1
6	AW36/22	Lockwasher, Bumper Mtg.	2	27	AW200715	Tie Strap, Fuel Tank	1
7		Nut, Horn to Bracket Leyland, Perkins, DAF and Volvo Powered	1	28	AW4/6	Lockwasher, Tie Strap to Mtg. Strap	2
	UFN104/A	Cummins Powered	1	29	AW6/67	Nut, Tie Strap to Mtg. Strap	2
	AW6/65	Lockwasher, Horn to Bracket	1	30	AW16/304	Bolt, Fuel Tank to Frame	2
8	AW4/4	Bumper, Brake Pedal Return Stop	2	31	M518233	Pad, Fuel Tank to Frame	2
9	M302568	Washer, Bumper Mtg.	2	32	AW25/95	Nut, Fuel Tank to Frame	2
10	AW2/5	Screw, Bumper Mtg.	2	33	AW14/301	Bolt, Tie Strap to Mtg. Strap	2
11	AW22/8	Horn Leyland, DAF and Volvo Powered	1	34	AW200220	Bracket, Horn Mtg.	1
12	AW200093	Perkins and Cummins Powered	1	35	UFB104/6R	Bolt, Horn to Bracket Leyland, DAF and Volvo Powered	2
	AW200056	Bolt, Horn Bracket to Floorboard Perkins, Leyland, DAF and Volvo Powered	1		AW54/304	Cummins Powered	2
13	UFB104/6R	Cummins Powered	1	36	AW4/4	Lockwasher, Horn Bracket to Floor	2
	AW54/304	Bolt, Tank Mtg. Strap to Shroud	2	37	AW104/A	Nut, Horn Bracket to Floor Leyland, Perkins, DAF and Volvo Powered	2
14	AW14/301	Washer, Tank Mtg. Strap to Shroud	2		AW6/65	Cummins Powered	2
15	AW2/108	Nut, Tank Mtg. Strap to Shroud	2	38	AW6/67	Nut, Floorboard to Bracket	2
16	AW6/67	Lockwasher, Tank Mtg. Strap to Shroud	2	39	AW4/6	Lockwasher, Floorboard to Bracket	2
17	AW4/6	Mounting Strap, Fuel Tank	1	40	AW6/67	Nut, Bracket to Frame	2
18	AW200714	Fuel Gauge Tank Leyland, DAF and Volvo Powered	1	41	AW4/6	Lockwasher, Bracket to Frame	2
19	AW200404	Perkins and Cummins Powered	1	42	M550632	Bracket, Floorboard Support	2
	AW200361	Nut, Fuel Gauge Terminal	1	43	AW14/302	Bolt, Bracket to Frame	2
20	AW23/32	Lockwasher, Fuel Gauge Terminal	1	43A	AW3/3	†Taper Washer, Bracket to Frame	2
21	AW4/26	Screw, Fuel Gauge to Tank	6	44	AW6/67	Nut, Floorboard to Frame	6
22	AW22/7			45	AW4/6	Lockwasher, Floorboard to Frame	6
				46	AW14/302	Bolt, Floorboard to Bracket	2
				47	AW14/301	Bolt, Floorboard to Frame	6
				48	AW2/8	Washer, Floorboard to Frame	6

† Not Illustrated



GRILLE, COUNTERWEIGHT AND BODY PANEL ASSEMBLY

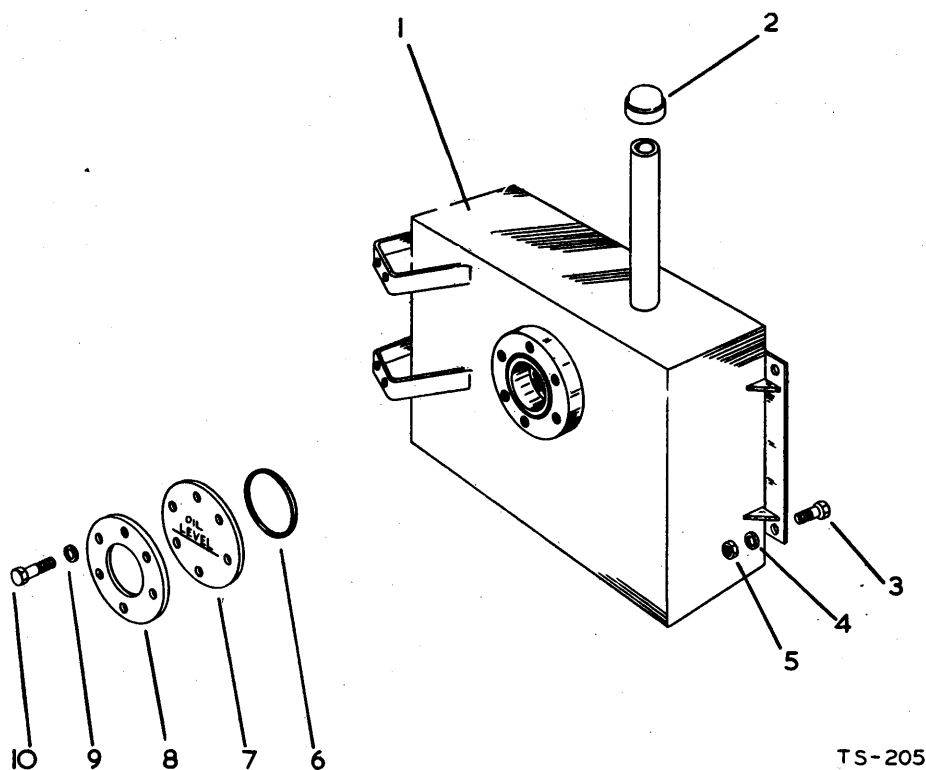
TP. 1027

GRILLE, COUNTERWEIGHT AND BODY PANEL ASSEMBLY

For serial: Model 75A (Leyland)—OS122/1 and thereafter. Model 75A (Perkins)—OS119/1 and thereafter. Model 75A (Perkins)—OS199/1 and thereafter. Model 75A (Cummins)—OS201/1 and thereafter. Model 75A (DAF)—OS220A/1 and thereafter. Model 75A (Volvo)—OS176/1 and thereafter.

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	M550252	Grille	1	27	AW2/8	Washer, Side Panel.....	12
2	AW6/67	Nut, Hood to Rear Grille.....	6	28	AW4/6	Lockwasher, Side Panel.....	12
3	AW4/6	Lockwasher, Hood to Rear Grille	6	29	AW56/302	Bolt, Side Panel.....	12
4	AW14/302	Bolt, Hood to Rear Grille.....	6	30		Hood Side Panel Assembly (R.H.)	
5		Hood Assembly			M514426	Leyland, Perkins, DAF and Cummins Powered	1
	AW200219	Perkins Powered	1		AW206036	Volvo Powered	1
	AW200309	Leyland and DAF powered ..	1	30A		Hood Side Panel Assembly (L.H.)	
	AW205406	Cummins Powered	1		M514427	Leyland, Perkins and DAF Powered	1
	AW206034	Volvo Powered	1		AW205423	Cummins Powered	1
6	AW25/93	Locknut, Hood to Clip.....	2		AW206037	Volvo Powered	1
7	AW2/8	Washer, Hood to Clip.....	4				
8	AW14/303	Bolt, Hood to Clip.....	2	31	M552336	Hood Catch Assembly.....	4
9	AW6/67	Nut, Back Rest Cushion.....	2	32	AW22/11	Screw, Hood Catch Assembly....	8
9A	AW56/603	Bolt, Back Rest Cushion.....	2	33	AW36/2	Lockwasher, Hood Catch Assembly	8
10	AW4/6	Lockwasher, Backrest Cushion	2	34	AW23/3	Nut, Hood Catch Assembly.....	8
11	M550635	Cushion, Back Rest.....	1	35	AW22/10	Screw, Bumper	4
12	M551835	Washer, Hood to Frame.....	2	36	M551434	Bumper, Hood Side Panel.....	4
13	M518233	Pad, Hood to Frame.....	2	37	AW2/5	Washer, Bumper.....	4
14	M551835	Washer.....	2	38	AW36/2	Lockwasher, Bumper.....	4
15	AW4/8	Lockwasher	2	39	AW23/3	Nut, Bumper.....	4
16	AW16/302	Bolt	2	40	AW6/71	Nut, Grille.....	2
17	M550634	Cushion, Seat.....	1	41	AW4/10	Lockwasher, Grille.....	2
17A	M550636	†Seat Support Assembly.....	1	42	AW18/316	Bolt, Grille.....	2
17B	AW56/305	†Bolt, Seat Support Assembly.....	4	43	AW6/72	Nut, Counterweight to Frame	4
17C	AW6/67	†Nut, Seat Support Assembly.....	4	44	AW2/13	Washer, Counterweight to Frame	2
17D	AW4/6	†Lockwasher, Seat Support Assembly	4	45	AW200005	Bolt, Counterweight to Frame	2
18	AW200032	Front Shroud Ass'y. (including Item 19)	1	46	AW200004	Bolt, Counterweight to Frame	2
19	AW201026	Cap, Fuel Tank	1	47	M616813	Washer, Counterweight to Frame	2
20	M551539	Bar, Bumper	2	48	AW6/72	Nut, Counterweight to Frame	4
21	AW4/8	Lockwasher, Bumper Bar to Brace.....	4	49	AW200003	Counterweight	1
22	AW16/608	Bolt, Bumper Bar to Brace.....	4	50	M550586	Drawbar Pin Assembly.....	1
23	AW2/8	Washer, Shroud to Frame.....	4				
24	AW4/6	Lockwasher, Shroud to Frame....	4				
25	AW56/302	Bolt, Shroud to Frame.....	4				
26	M550893	Side Panel.....	2				

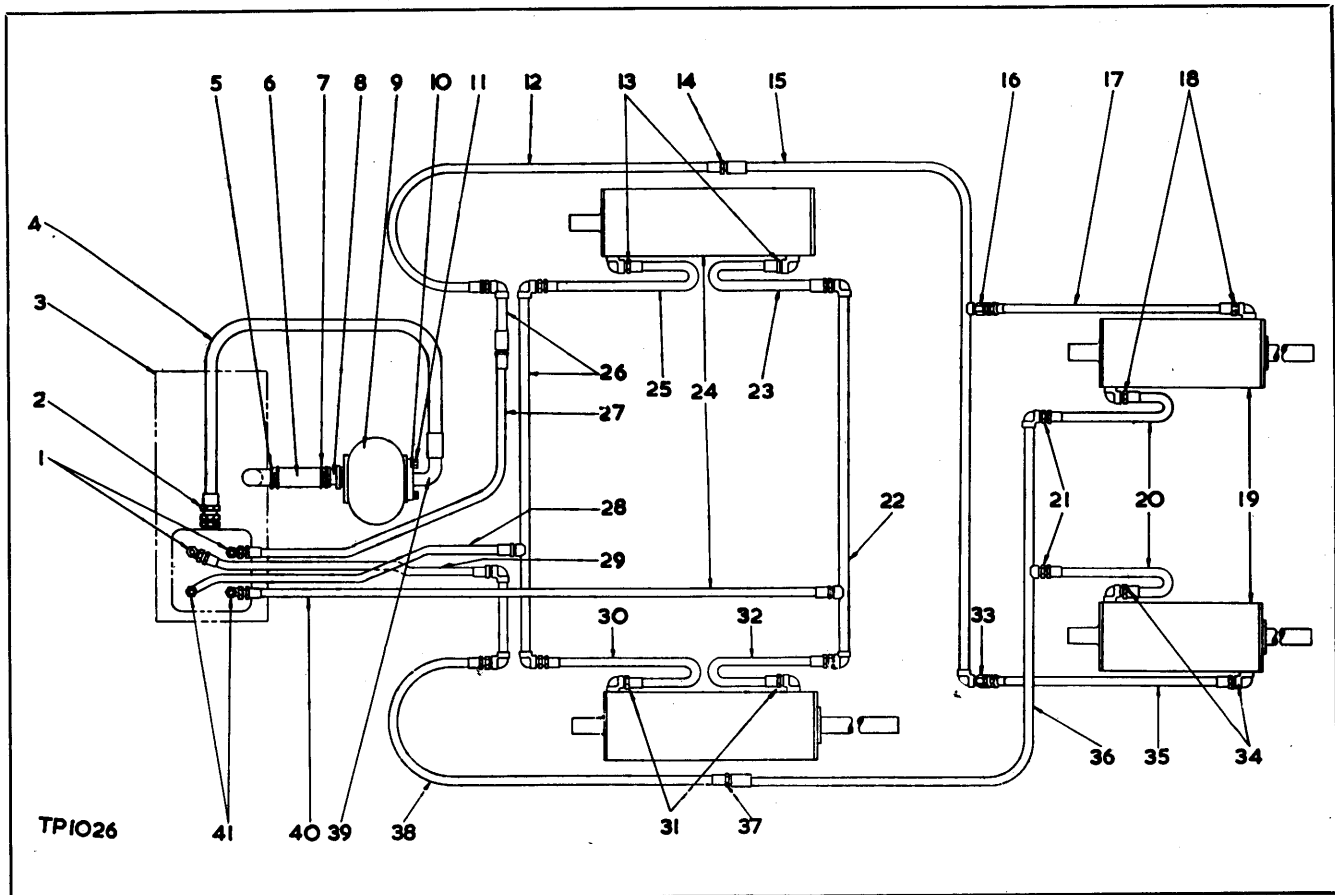
† — Not Illustrated



HYDRAULIC OIL RESERVOIR AND PARTS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	M553284	Oil Reservoir.....	1	6	M25K-40428	"O" Ring, Inspection Cover.....	
2	AW200035	Cap, Breather.....	1	7	M550389	Cover, Inspection.....	
3	AW16/301	Bolt, Reservoir Mtg.....	3	8	M550398	Clamp Ring, Inspection Cover.....	
4	AW4/8	Lockwasher, Reservoir Mtg.....	3	9	AW4/6	Lockwasher, Inspection Cover..	
5	AW6/69	Nut, Reservoir Mtg.....	3	10	AW14/301	Bolt, Inspection Cover.....	
				11	M525293	†Permanent Magnet	

† — Not Illustrated



HYDRAULIC SYSTEM—BUCKET AND BOOM (LEYLAND & PERKINS)

(effective with serials OS119/1 thru 17 and OS122/1 thru 321)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200448	Stud Elbow, Control Valve.....	1	12	AW200559	Hose, Cross Pipe to Boom Pipe	1
2	AW200461	Stud Coupling, Valve to Pump....	1	12A	AW200849	†Nut, Hose End.....	2
3		Hydraulic Oil Reservoir—see Index		12B	AW200850	†Ring, Hose End.....	2
4	AW200551	Hose, Pump to Valve.....	1	13	AW200461	Stud Coupling, Boom Cylinder	2
4A	AW200849	†Nut, Hose End.....	2	14	AW200461	Stud Coupling, Hose to Boom Pipe.....	1
4B	AW200850	†Ring, Hose End.....	2	15		Boom Pipe—see Index	
5	AW35/10	Clip, Reservoir to Pump Hose....	1	16	AW200448	Stud Elbow, Boom Pipe.....	1
6	AW200665	Hose, Reservoir to Pump.....	1	17	AW200567	Hose, Boom Pipe to Cylinder (Bottom end).....	1
7	AW35/10	Clip Reservoir to Pump Hose....	1	17A	AW200849	†Nut, Hose End.....	2
8	AW200667	Flange, Suction Hose to Pump....	1	17B	AW200850	†Ring, Hose End.....	2
8A	AW200672	Socket Head Screw.....	4	18	AW200461	Stud Coupling, Bucket Cylinder	2
8B	AW10/36	“O” Ring, Flange to Pump.....	1	19		Bucket Cylinder Assembly—see Index	
9		Main Hydraulic Pump—see Index		20	AW200564	Hose, Boom Pipe to Bucket Cylinder (Top).....	2
10	AW200668	Flange, Pump to Valve Hose.....	1	20A	AW200849	†Nut, Hose End.....	2
11		Screw		20B	AW200850	†Ring, Hose End.....	2
	AW200672	For use with Pump No. AW200959	4	21	AW200461	Stud Coupling.....	2
	AW205493	For use with Pump No. AW205465	4	22	AW200641	Crosspipe Assembly.....	1
11A	AW10/38	“O” Ring, Flange to Pump.....	1	22A	AW13/303	Bolt, Crosspipe to Frame.....	2

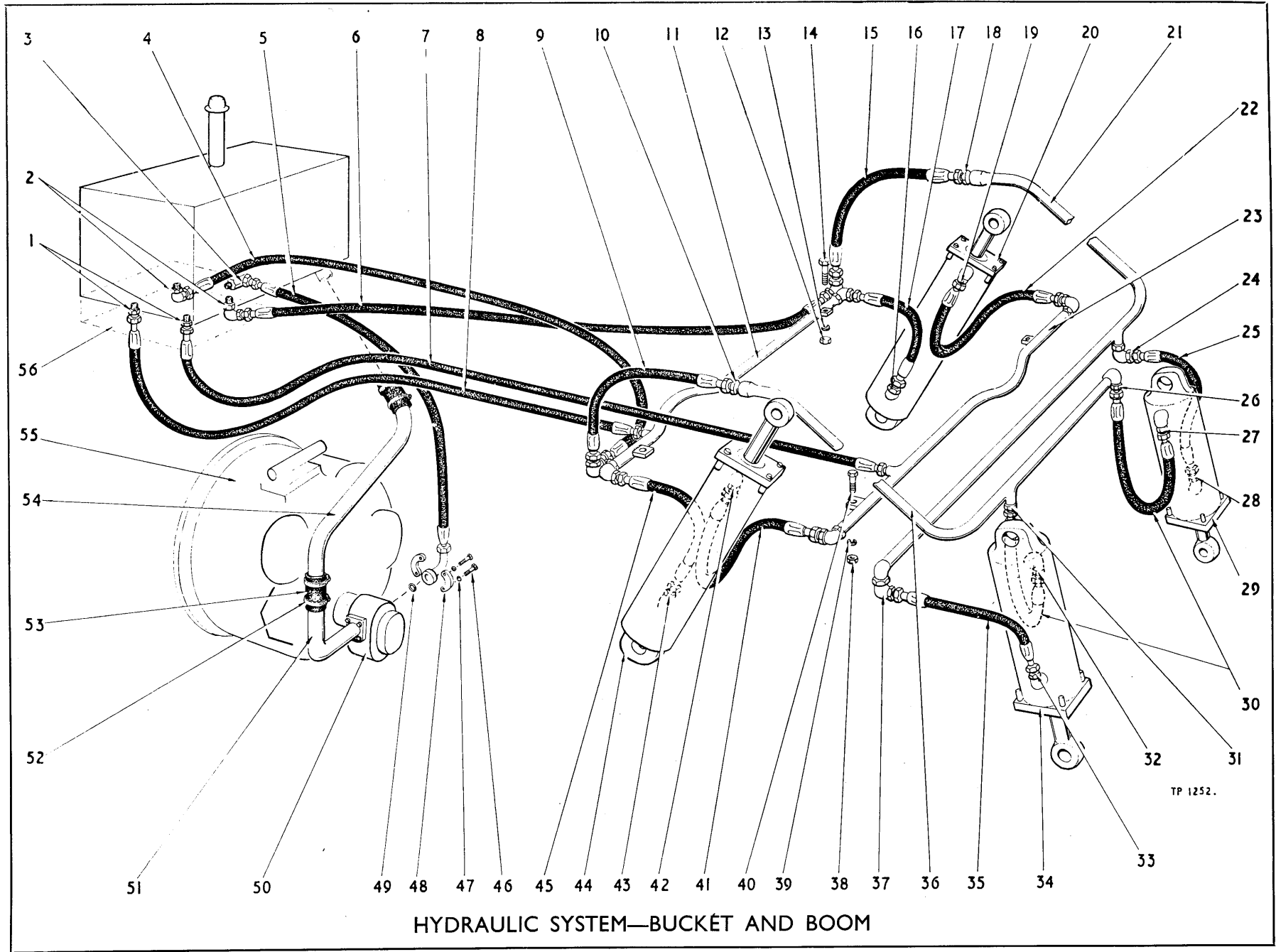
† — Not illustrated

HYDRAULIC SYSTEM—BUCKET & BOOM (Leyland and Perkins)—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
22B	AW6/66	Nut	2	30	AW200555	Hose, Crosspipe to Boom Cylinder (Bottom End).....	1
22C	AW4/5	Lockwasher	2	30A	AW200849	†Nut, Hose End.....	2
22D	AW3/2	Taper Washer.....	2	30B	AW200850	†Ring, Hose End.....	2
23	AW200553	Hose, Crosspipe to Boom Cylinder (Top)	1	31	AW200461	Stud Coupling.....	2
23A	AW200849	†Nut, Hose End.....	2	32	AW200553	Hose, Crosspipe to Boom Cylinder (Top).....	1
23B	AW200850	†Ring, Hose End.....	2	32A	AW200849	†Nut, Hose End.....	2
24		Boom Cylinder—see Index		32B	AW200850	†Ring, Hose End.....	2
25	AW200555	Hose, Crosspipe to Boom Cylinder (Bottom End).....	1	33	AW200448	Stud Elbow, Boom Pipe.....	1
25A	AW200849	†Nut, Hose End.....	2	34	AW200461	Stud Coupling, Bucket Cylinder	2
25B	AW200850	†Ring, Hose End.....	2	35	AW200567	Hose, Boom Pipe to Cylinder (Bottom End).....	1
26	AW200644	Crosspipe, Assembly (Rear).....	1	35A	AW200849	†Nut, Hose End.....	2
26A	AW13/303	†Bolt, Crosspipe to Frame.....	2	35B	AW200850	†Ring, Hose End.....	2
26B	AW6/66	†Nut, Crosspipe to Frame.....	2	36		Boom Pipe—see Index	
26C	AW4/5	†Lockwasher, Crosspipe to Frame	2	37	AW200461	Stud Coupling, Hose to Boom Pipe.....	1
26D	AW3/2	†Taper Washer, Crosspipe to Frame	2	38	AW200559	Hose, Crosspipe to Boom Pipe	1
27	AW200563	Hose Valve to Crosspipe (Bucket Cyl., FILL).....	1	38A	AW200849	†Nut, Hose End.....	2
27A	AW200849	†Nut, Hose End.....	2	38B	AW200850	†Ring, Hose End.....	2
27B	AW200850	†Ring, Hose End.....	2	39	AW200474	Elbow, Pump.....	1
28	AW200561	Hose, Control Valve to Rear Crosspipe	1	40	AW200569	Hose, Valve to Crosspipe (Boom Lower)	1
28A	AW200849	†Nut, Hose End.....	2	40A	AW200849	†Nut, Hose End	2
28B	AW200850	†Ring, Hose End.....	2	40B	AW200850	†Ring, Hose End.....	2
29	AW200563	Hose, Valve to Crosspipe (Bucket Cyl., EMPTY).....	1	41		Stud Coupling, Control Valve	
29A	AW200849	†Nut, Hose End.....	2		AW200495	for M/c Serials OS122/I thru 115.....	2
29B	AW200850	†Ring, Hose End.....	2		AW200461	for M/c Serials OS122/116 thru 321	2

† — Not Illustrated

Note:—All hoses and pipes are supplied with nuts and rings fitted as an assembly



HYDRAULIC SYSTEM—BUCKET AND BOOM

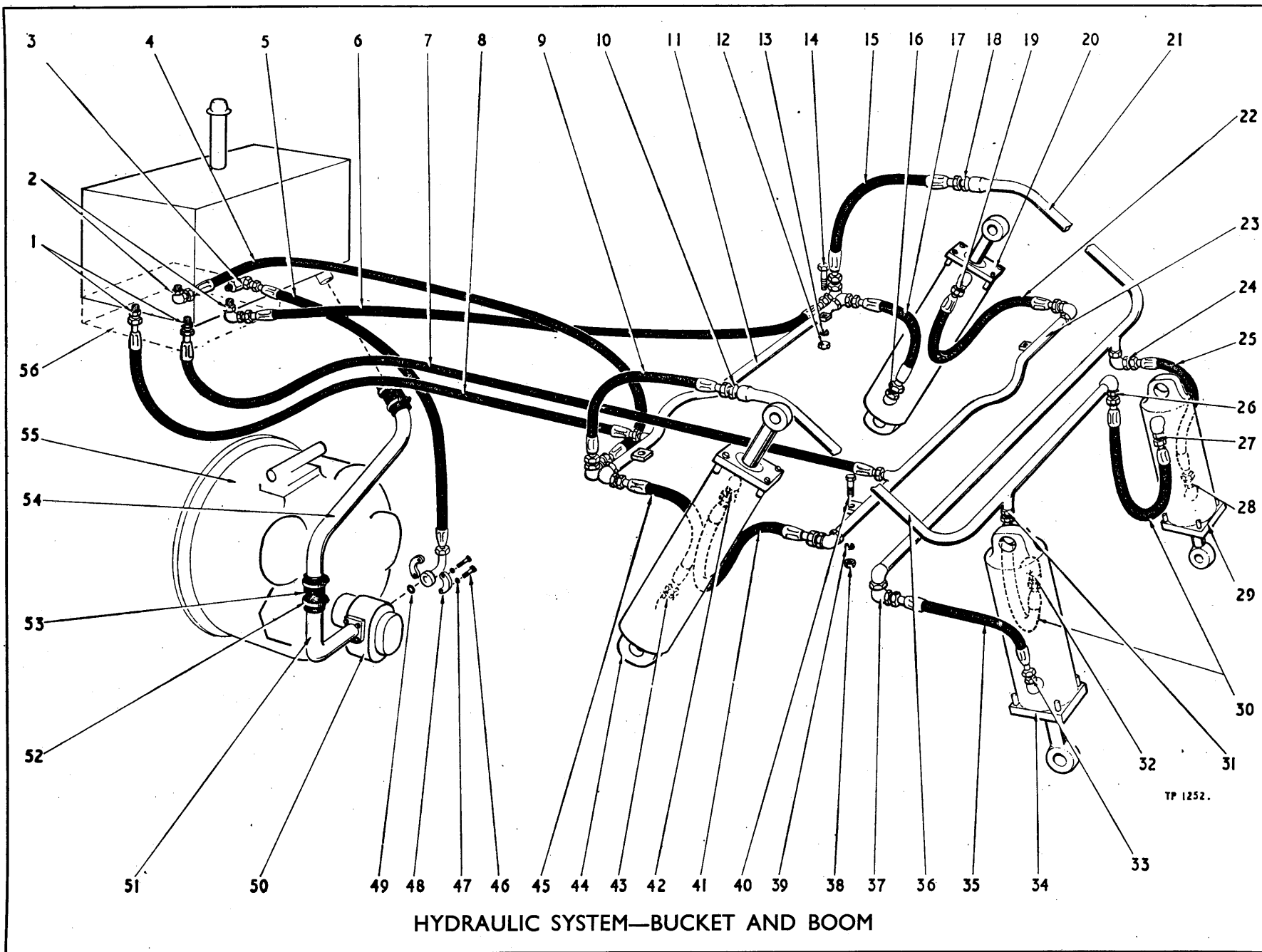
For serial: Model 75A (Leyland)—OS122/322 thru 478 & 480

Model 75A (Perkins)—OS199/1 thru 6. Model 75A (Cummins)—OS201/1 & 2

Model 75A (D.A.F.)—OS220/1 thru 7. Model 75A (Volvo) OS176/1 & 2.

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200461	Stud Coupling Control Valve.....	2	25A	AW200849	†Nut, Hose End.....	2
2	AW200448	Stud Elbow, Control Valve.....	2	25B	AW200850	†Ring, Hose End.....	2
3	M31F-35	Adaptor 90°, Control Valve.....	1	26	AW200461	Stud Coupling, Boom Pipe.....	1
4	AW200563	Hose Assembly—Valve to Cross Pipe (including Items 4A and 4B).....	1	27	AW200461	Stud Coupling, Bucket Cylinder.....	1
4A	AW200849	†Nut, Hose End.....	2	28	AW200461	Stud Coupling, Bucket Cylinder.....	1
4B	AW200850	†Ring, Hose End.....	2	29		Bucket Cylinder (see Index)	
5	M521996	Hose Assembly, Pump to Valve.....	1	30	AW200563	Hose Assembly.....	2
6	AW200563	Hose Assembly, Valve to Cross Pipe (including Items 6A and 6B).....	1	30A	AW200849	†Nut, Hose End.....	4
6A	AW200849	†Nut, Hose End.....	2	30B	AW200850	†Ring, Hose End.....	4
6B	AW200850	†Ring, Hose End.....	2	31	AW200461	Stud Coupling, Boom Pipe.....	1
7	AW200563	Hose Assembly, Valve to Front Cross Pipe (including Items 7A and 7B).....	1	32	AW200461	Stud Coupling, Bucket Cylinder.....	1
7A	AW200849	†Nut, Hose End.....	2	33	AW200461	Stud Coupling, Bucket Cylinder.....	1
7B	AW200850	†Ring, Hose End.....	2	34		Bucket Cylinder (see Index)	
8	AW200561	Hose Assembly, Valve to Rear Cross Pipe (including Items 8A and 8B).....	1	35	AW200567	Hose Assembly, Boom Pipe to Bucket Cylinder (including Items 35A and 35B).....	1
8A	AW200849	†Nut, Hose End.....	2	35A	AW200849	†Nut, Hose End.....	2
8B	AW200850	†Ring, Hose End.....	2	35B	AW200850	†Ring, Hose End.....	2
9	AW200559	Hose Assembly, Cross Pipe to Boom Pipe (including Items 9A and 9B).....	1	36		Boom Pipe (see Index)	
9A	AW200849	†Nut, Hose End.....	2	37	AW200461	Stud Coupling, Boom Pipe to Bucket Cylinder.....	1
9B	AW200850	†Ring, Hose End.....	2	38	AW6/66	Nut, Cross Pipe to Frame.....	1
10	AW200461	Stud Coupling, Boom Pipe.....	1	39	AW4/5	Springwasher, Cross Pipe to Frame.....	1
11	AW200644	Cross Pipe Assembly, Rear.....	1	39A	AW3/2	†Taper Washer, Cross Pipe to Frame.....	1
12	AW6/66	Nut, Cross Pipe to Frame.....	2	40	AW13/303	Bolt, Cross Pipe to Frame.....	1
13	AW4/5	Lockwasher, Cross Pipe to Frame.....	2	41	AW200553	Hose and Fittings Assembly—Cross Pipe to Boom Cylinder (including Items 41A and 41B).....	1
13A	AW3/2	Taper Washer, Cross Pipe to Frame.....	2	41A	AW200849	†Nut, Hose End.....	2
14	AW13/303	Bolt, Cross Pipe to Frame.....	2	41B	AW200850	†Ring, Hose End.....	2
15	AW200559	Hose Assembly, Cross Pipe to Boom Pipe (including Items 15A and 15B).....	1	42	AW200461	Stud Coupling, Boom Cylinder (Upper).....	1
15A	AW200849	†Nut, Hose End.....	2	43	AW200461	Stud Coupling, Boom Cylinder (Lower).....	1
15B	AW200850	†Ring, Hose End.....	2	44		Boom Arm Cylinder (see Index)	
16	AW200461	Stud Coupling.....	1	45	AW200555	Hose and Fittings Assembly, Cross Pipe to Boom Cylinder Bottom.....	1
17	AW200555	Hose Assembly, Cross Pipe to Boom Cylinder (including Items 17A and 17B).....	1	45A	AW200849	†Nut, Hose End.....	2
17A	AW200849	†Nut, Hose End.....	2	45B	AW200850	†Ring, Hose End.....	2
17B	AW200850	†Ring, Hose End.....	2	46	AW14/302	Bolt—Split Flange to Pump.....	4
18	AW200461	Stud Coupling, Boom Pipe.....	1	47	AW4/6	Springwasher—Split Flange to Pump.....	4
19	AW200461	Stud Coupling, Boom Cylinder.....	1	48	M663093	Split Flange.....	2
20		Boom Cylinder, L.H. (see Index)		49	AW10/39	"O" Ring.....	2
22	AW200553	Hose Assembly, Cross Pipe to Boom Cylinder (including Items 22A and 22B).....	1	50		Pump (see Index)	
22A	AW200849	†Nut, Hose End.....	2	51	AW203810	Stem Assembly (including Item 51A).....	1
22B	AW200850	†Ring, Hose End.....	2	51A	AW200672	Cap Screw, Socket Head—Stem Assembly to Pump.....	4
23	AW200641	Cross Pipe, Assembly Front.....	1	52	AW53/10	Hose Clips—Hose Connection.....	4
24	AW200461	Stud Coupling Boom Pipe.....	1	53	AW66/1	Hose Connection, Suction Tube to Pump and Reservoir.....	2
25	AW200567	Hose Assembly, Boom Pipe to Bucket Cylinder (including Items 25A and 25B).....	1	54	M531002	Suction Tube to Pump and Reservoir.....	1
				55		Torque Converter (see Index)	
				56		Control Valve (see Index)	

† — Not Illustrated



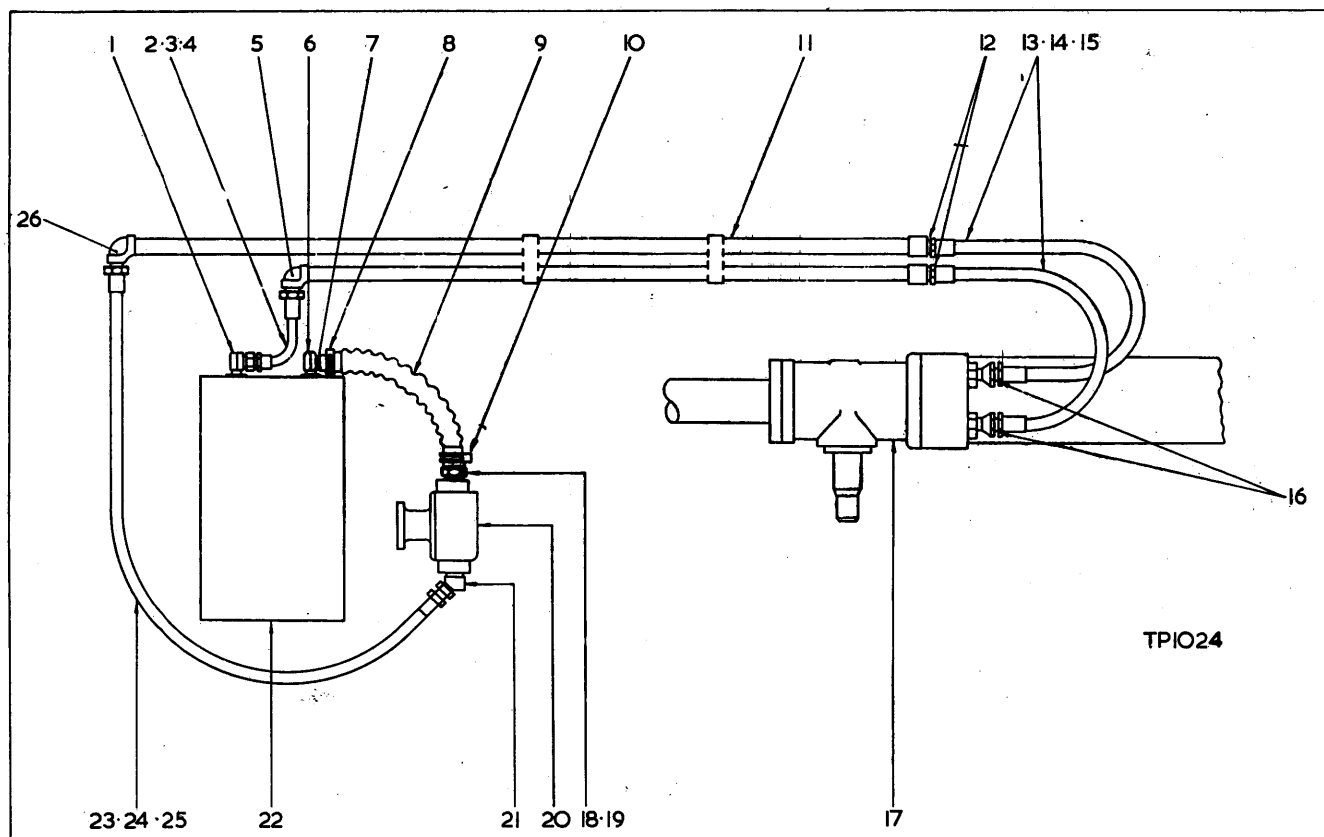
HYDRAULIC SYSTEM—BUCKET AND BOOM

HYDRAULIC SYSTEM—BUCKET AND BOOM

For serial: **Model 75A (Leyland)—OS122/479, 481 and thereafter. Model 75A (Perkins)—OS199/7 and thereafter. Model 75A (Cummins)—OS201/3 and thereafter. Model 75A (D.A.F.)—OS220/8 and thereafter. Model 75A (Volvo)—OS176/3 & thereafter.**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200461	Stud Coupling, Control Valve.....	2	26	AW200461	Stud Coupling, Boom Pipe	1
2	AW200448	Stud Elbow, Control Valve.....	2	27	AW200461	Stud Coupling, Bucket Cylinder	1
3	M31F-5	Adaptor 90°, Control Valve	1	28	AW200461	Stud Coupling, Bucket Cylinder	1
4	AW200563	Hose Assembly, Valve to Cross Pipe (including Items 4A & 4B)	1	29		Bucket Cylinder (see Index)	
4A	AW200849	†Nut, Hose End	2	30	AW200563	Hose Assembly	2
4B	AW200850	†Ring, Hose End	2	30A	AW200849	†Nut, Hose End	4
5	AW205606	Hose Assembly, Pump to Valve	1	30B	AW200850	†Ring, Hose End	4
6	AW200563	Hose Assembly, Valve to Cross Pipe (including Items 6A and 6B)	1	31	AW200461	Stud Coupling, Boom Pipe	1
6A	AW200849	†Nut, Hose End	2	32	AW200461	Stud Coupling, Bucket Cylinder	1
6B	AW200850	†Ring, Hose End	2	33	AW200461	Stud Coupling, Bucket Cylinder	1
7	AW200563	Hose Assembly, Valve to Front Cross Pipe (including Items 7A and 7B)	1	34		Bucket Cylinder (see Index)	
7A	AW200849	†Nut, Hose End	2	35	AW200567	Hose Assembly, Boom Pipe to Bucket Cylinder (including Items 35A and 35B)	1
7B	AW200850	†Ring, Hose End	2	35A	AW200849	†Nut, Hose End	2
8	AW200561	Hose Assembly, Valve to Rear Cross Pipe (including Items 8A and 8B)	1	35B	AW200850	†Ring, Hose End	2
8A	AW200849	†Nut, Hose End	2	36		Boom Pipe (see Index)	
8B	AW200850	†Ring, Hose End	2	37	AW200461	Stud Coupling, Boom Pipe to Bucket Cylinder	1
9	AW200559	Hose Assembly, Cross Pipe to Boom Pipe (including Items 9A and 9B)	1	38	AW6/66	Nut, Cross Pipe to Frame.....	1
9A	AW200849	†Nut, Hose End	2	39	AW4/5	Springwasher, Cross Pipe to Frame	1
9B	AW200850	†Ring, Hose End	2	39A	AW3/2	†Taper Washer, Cross Pipe to Frame	1
10	AW200461	Stud Coupling, Boom Pipe	1	40	AW13/303	Bolt, Cross Pipe to Frame.....	1
11	AW200644	Cross Pipe Assembly, Rear	1	41	AW200553	Hose and Fittings Assembly, Cross Pipe to Boom Cylinder (including Items 41A and 41B)	1
12	AW6/66	Nut, Cross Pipe to Frame	2	41A	AW200849	†Nut, Hose End	2
13	AW4/5	Lockwasher, Cross Pipe to Frame	2	41B	AW200850	†Ring, Hose End	2
13A	AW3/2	Taper Washer, Cross Pipe to Frame	2	42	AW200461	Stud Coupling, Boom Cylinder (Upper)	1
14	AW13/303	Bolt, Cross Pipe to Frame	2	43	AW200461	Stud Coupling, Boom Cylinder (Lower)	1
15	AW200559	Hose Assembly, Cross Pipe to Boom Pipe (including Items 15A and 15B)	1	44		Boom Arm Cylinder (see Index)	
15A	AW200849	†Nut, Hose End	2	45	AW200555	Hose and Fittings Assembly, Cross Pipe to Boom Cylinder Bottom	1
15B	AW200850	†Ring, Hose End	2	45A	AW200849	†Nut, Hose End	2
16	AW200461	Stud Coupling	1	45B	AW200850	†Ring, Hose End	2
17	AW200555	Hose Assembly, Cross Pipe to Boom Cylinder (including Items 17A and 17B)	1	46	AW15/602	Bolt, Split Flange to Pump	4
17A	AW200849	†Nut, Hose End	2	47	AW4/7	Lock Washer, Split Flange to Pump.....	4
17B	AW200850	†Ring, Hose End	2	48	M663094	Split Flange	2
18	AW200461	Stud Coupling, Boom Pipe	1	49	AW10/42	'O' Ring Flange	2
19	AW200461	Stud Coupling, Boom Cylinder	1	50		Pump (see Index)	
20		Boom Cylinder, L.H. (see Index)		51	AW205603	Stem Assembly	1
22	AW200553	Hose Assembly, Cross Pipe to Boom Cylinder (including Items 22A and 22B)	1	51A	AW15/602	Bolt Stem Assembly to Pump	4
22A	AW200849	†Nut, Hose End	2	51B	AW4/7	Lockwasher, Stem to Pump.....	4
22B	AW200850	†Ring, Hose End	2	52	AW53/10	Hose Clips, Hose Connection.....	4
23	AW200641	Cross Pipe, Assembly Front	1	53	AW66/1	Hose Connection, Suction Tube to Pump and Reservoir.....	2
24	AW200461	Stud Coupling, Boom Pipe	1	54		Suction Tube	
25	AW200567	Hose Assembly, Boom Pipe to Bucket Cylinder (including Items 25A and 25B)	1		M531002	For machine serials: OS122/479, 481A and thereafter; OS201/3 and thereafter; OS220/8 and thereafter.....	1
25A	AW200849	†Nut, Hose End	2		AW204681	For machine serials OS199/7 and thereafter	1
25B	AW200850	†Ring, Hose End	2	55		Torque Converter (see Index)	
				56		Control Valve (see Index)	

† — Not Illustrated



HYDRAULIC SYSTEM—STEERING

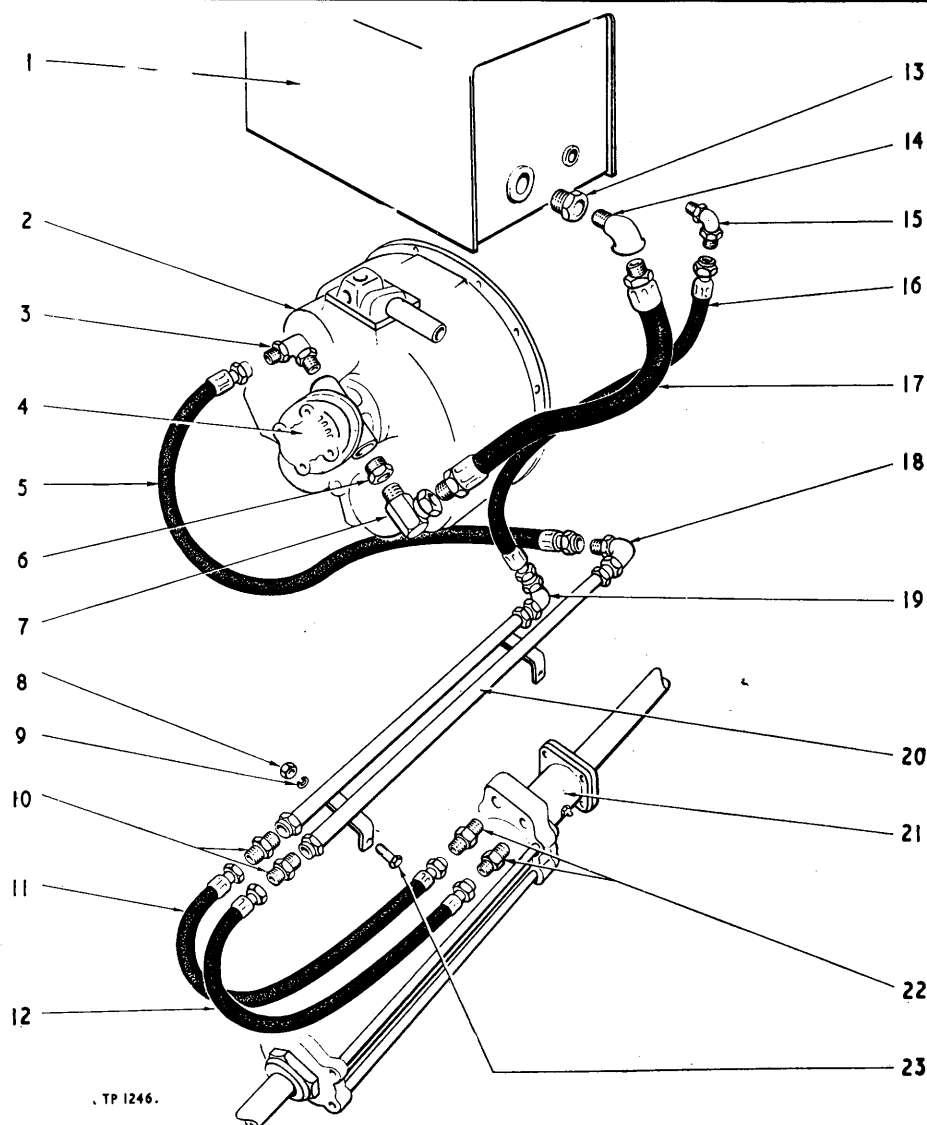
For serial: Model 75A (Leyland)—OS122/1 thru 321

Model 75A (Perkins)—OS119/1 thru 16

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200449	Stud Elbow—Reservoir	1	12	AW200484	Reducer, Pipe Assembly	2
2	AW200585	Hose, Pipe Assembly—Reservoir	1	13	AW200587	Hose, Pipe Assembly to Booster	2
3	AW200885	†Nut, Pipe End	2	14	AW200845	†Nut, Hose End	4
4	AW200886	†Ring, Pipe End	2	15	AW200846	†Ring, Hose End	4
5	AW200475	Elbow, Pipe Assembly	1	16	AW200490	Stud Coupling, Booster	2
6	AW200669	Elbow, Reservoir	1	17		Steering Booster Assembly—see Index	
7	AW200674	Adaptor, Elbow—Suction Hose	1	18	AW200666	Flange, Pump-Suction Hose	1
8	AW53/6	Clip, Hose	1	19	AW200673	†Screw, Flange to Pump	3
9	AW200664	Hose, Reservoir to Pump	1	20		Hydraulic Steering Pump (see Index)	
10	AW53/6	Clip, Hose	1	21	AW200481	Stud Elbow, Pump	1
11	AW201008	Pipe Assembly	1	22		Hydraulic Oil Reservoir (see Index)	
11A	AW200885	†Nut, Pipe End	4	23	AW200583	Hose, Pump to Pipe Assembly	1
11B	AW200886	†Ring, Pipe End	4	24	AW200885	†Nut, Hose End	2
11C	AW14/301	†Bolt, Pipe Assembly to Frame	2	25	AW200886	†Ring, Hose End	2
11D	AW6/66	†Nut, Pipe Assembly to Frame	2	26	AW200475	Elbow, Pipe Assembly	1
11E	AW4/6	†Lockwasher Pipe Assembly to Frame	2				

† — Not Illustrated.

Note.—All hoses and pipes are supplied with nuts and rings fitted as an assembly.

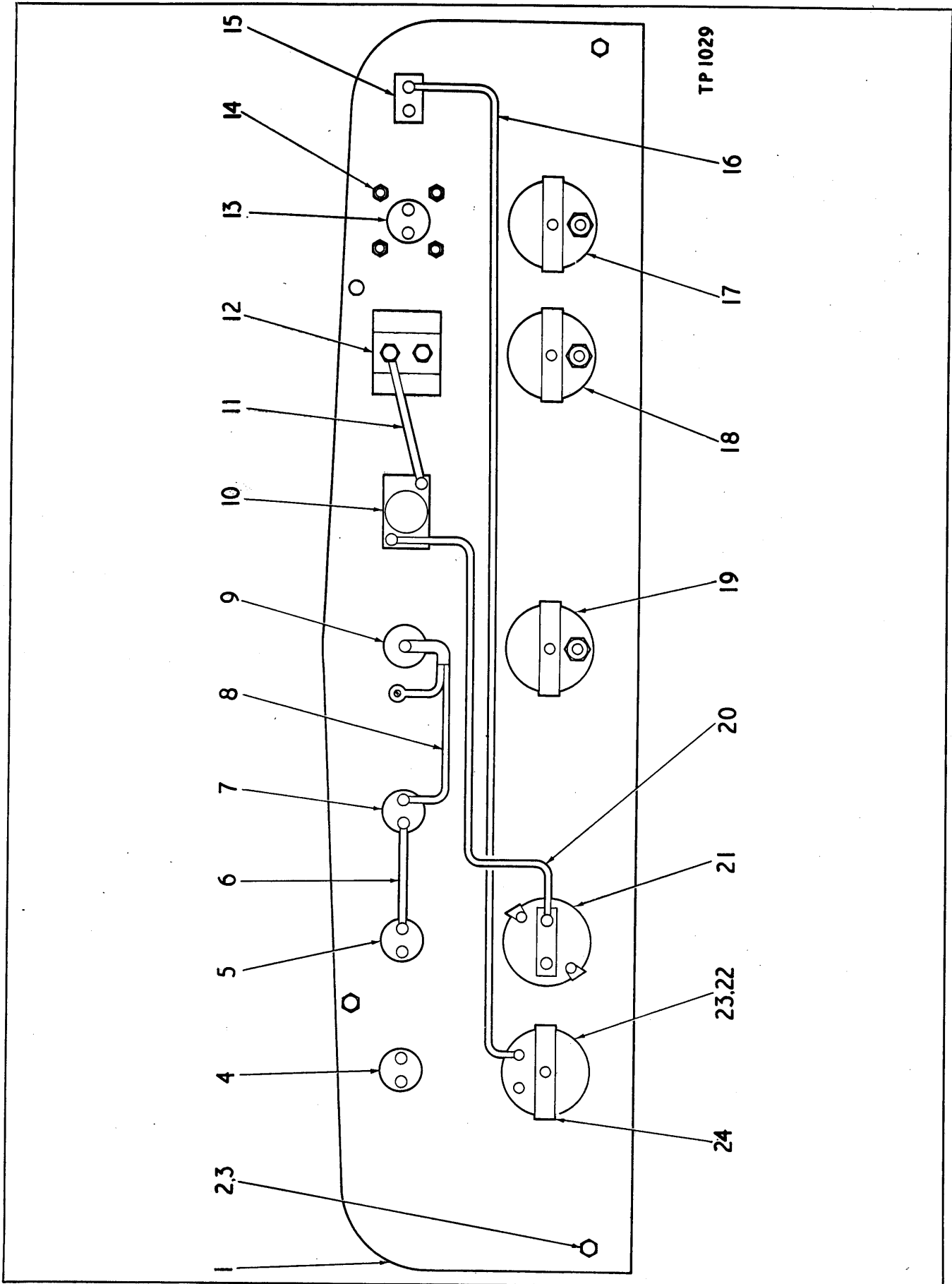


HYDRAULIC SYSTEM—STEERING

For serial: Model 75A (Leyland)—OS122/322 & thereafter Model 75A (Perkins)—OS199/1 & thereafter
 Model 75A (Cummins)—OS201/1 & thereafter Model 75A (DAF)—OS220A/1 & thereafter
 Model 75A (Volvo)—OS176/1 & thereafter Model 75A (Perkins)—OS119/17 & thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Reservoir, Hydraulic (see Index)		12A	AW200845	†Nut, Hose End	2
2		Torque Converter (see Index)		12B	AW200846	†Ring, Hose End	2
3	AW200481	Elbow, Pump	1	13	M356621	Bush, Reducing—Reservoir	1
4		Steering Pump (see Index)		14	M26F-5	Elbow, Reservoir	1
5	AW200583	Hose Assembly, Pump to Pipe (including Items 5A and 5B)	1	15	AW200449	Stud Elbow, Reservoir	1
5A	AW200885	†Nut, Hose End	2	16	AW200585	Hose Assembly, Pipe to Reservoir (including Items 16A and 16B)	2
5B	AW200886	†Ring, Hose End	2	16A	AW200885	†Nut, Hose End	2
6	M356621	Bush Reducing	1	16B	AW200886	†Ring, Hose End	2
7	M31F-5	Elbow, Pump	1	17	M531000	Hose, Assembly, Pump Suction	1
8	AW6/67	Nut, Pipes to Frame	2	18	AW200475	Elbow, Pipe	1
9	AW4/6	Lockwasher, Pipes to Frame	2	19	AW200475	Elbow, Pipe	1
10	AW200484	Reducer, Pipe Assembly	2	20	AW201008	Pipe Assembly	1
11	AW200587	Hose Assembly, Pipe to Booster (including Items 11A and 11B)	1	20A	AW200885	Nut, Pipe End	4
11A	AW200845	†Nut, Hose End	2	20B	AW200886	Ring, Pipe End	4
11B	AW200846	†Ring, Hose End	2	21		Steering Booster (see Index)	
12	AW200587	Hose Assembly, Pipe to Booster (including Items 11A and 11B)	1	22	AW200490	Stud Adaptor, Booster	2
				23	AW14/301	Bolt, Pipes to Frame	2

† — Not Illustrated



INSTRUMENT PANEL ASSEMBLY (LEYLAND, DAF AND VOLVO)

(effective with serials: OS122/I & thereafter. OS220A/I & thereafter. OS176/I & thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Instrument Panel		10B	AW200111	†Spacing, Tube Switch to Panel....	2
	AW200102	for M/c Serials OS122/I thru 78.....	1	10C	AW23/30	†Nut, Switch to Panel.....	2
	AW201150	for M/c Serials OS122/79 and after, OS220A/I and after and OS176/I and after.....	1	10D	AW36/21	†Washer, Shakeproof.....	2
2	AW57/301	Bolt, Panel to Shroud	3	10E	AW200110/I	††Key, Ignition Switch (Note.—Switch number must be quoted with order)	
2A	AW56/305	†Bolt, Panel to Shroud	1	11	AW200894	Wire, Ignition Switch to Starter	1
3	AW4/7	Spring Washer, Panel to Shroud	3	12	AW200273	Starter Push.....	1
3A	AW4/6	†Spring Washer, Panel to Shroud	1	12A	AW22/7	†Screw, Starter Push to Panel.....	4
3B	AW6/67	†Nut, Panel to Shroud.....	1	12B	AW2/5	†Washer, Plain	4
4	AW200055	Switch, Reverse Lamp	1	12C	AW36/2	†Washer, Shakeproof.....	4
4A	AW28/7	†Nameplate (Reverse Lamp)	1	12D	AW23/18	†Nut, Starter Push Terminals.....	4
4B	AW200055/1	†Knob, Switches	3	12E	AW2/5	†Washer, Plain, Terminals.....	4
4C	AW200055/2	†Panel Nut, Switches	3	12F	AW36/2	†Washer, Spring, Terminals	2
4D	AW200055/3	†Back Nut, Switches	3	12G	AW200897	†Rubber Gasket, Push to Panel.....	1
4E	AW36/27	†Washer, Back Nut	3	12H	AW200111	†Distance Pièce—Volvo.....	1
4F	142-35	†Terminal Screw, Switches	6	13	AW200278	Blanking Plate.....	1
5	AW200055	Switch, Head/Tail Lamps.....	1	14	AW22/7	Screw, Blank Plate to Panel.....	4
5A	AW28/6	†Nameplate, Head/Tail Switch.....	1	14A	AW23/3	†Nut, Blank Plate to Panel.....	4
6	AW200892	Wire, Head Lamp Switch to Panel Switch	1	14B	AW36/22	†Washer, Shakeproof.....	4
7	AW200055	Switch, Panel Lamp	1	15	AW200443	2-Pin Plug	1
7A	AW28/8	†Nameplate, Panel Lamp Switch	1	15A	AW200444	†2-Pin Socket.....	1
8	AW200893	Wire, Panel Lamp to Switch.....	1	16		Omit	
9		Panel Lamp		17		Temperature Gauge, Engine	
	AW64/11	for M/c Serials OS122/I thru 78.....	1		AW200374	for M/c Serials OS122/I and after, and OS220A/I and after	1
	AW11816	for M/c Serials OS122/79 and after, OS220A/I and after and OS176/I and after.....	1		AW200107	for M/c Serials OS176/I and after	1
9A		†Bulb, Panel Lamp		18		Oil Pressure Gauge	
	AW68/4	for M/c Serials OS122/I thru 78.....	1		AW200373	for M/c Serials OS122/I and after and OS220A/I and after	1
	AW68/7	for M/c Serials OS122/79 and after and OS 220A/I and after	1		AW200106	for M/c Serials OS176/I and after	1
	AW68/6	for M/c Serials OS176/I and after	1	19		Temperature Gauge, Torque Converter	
9B	AW22/7	†Screw, Lamp to Panel	2		AW200371	for M/c Serials OS122/I and after and OS220A/I and after	1
9C	AW36/22	†Washer, Shakeproof, Lamp to Panel	2		AW200105	for M/c Serials OS176/I and after	1
9D	147-27	†Screw, Cover to Lamp.....	2	20		Omit	
9E	AW23/13	Nut, Lamp to Panel (OS122/79 and after OS220A/I and after and OS176/I and after.....	2	21	AW200104	Ammeter	1
10	AW200110	Switch, Ignition.....	1	21A	AW200896	†Clamp, Ammeter to Panel.....	2
10A	AW22/128	†Screw, Ignition Switch to Panel	2	21B	AW23/3	†Clamp, Nuts Ammeter.....	2
				21C	AW23/5	†Terminal Nuts, Ammeter.....	4
				21D	AW36/1	†Washer, Shakeproof, Terminal	2
				21E	AW2/4	†Washer, Plain, Terminal	2

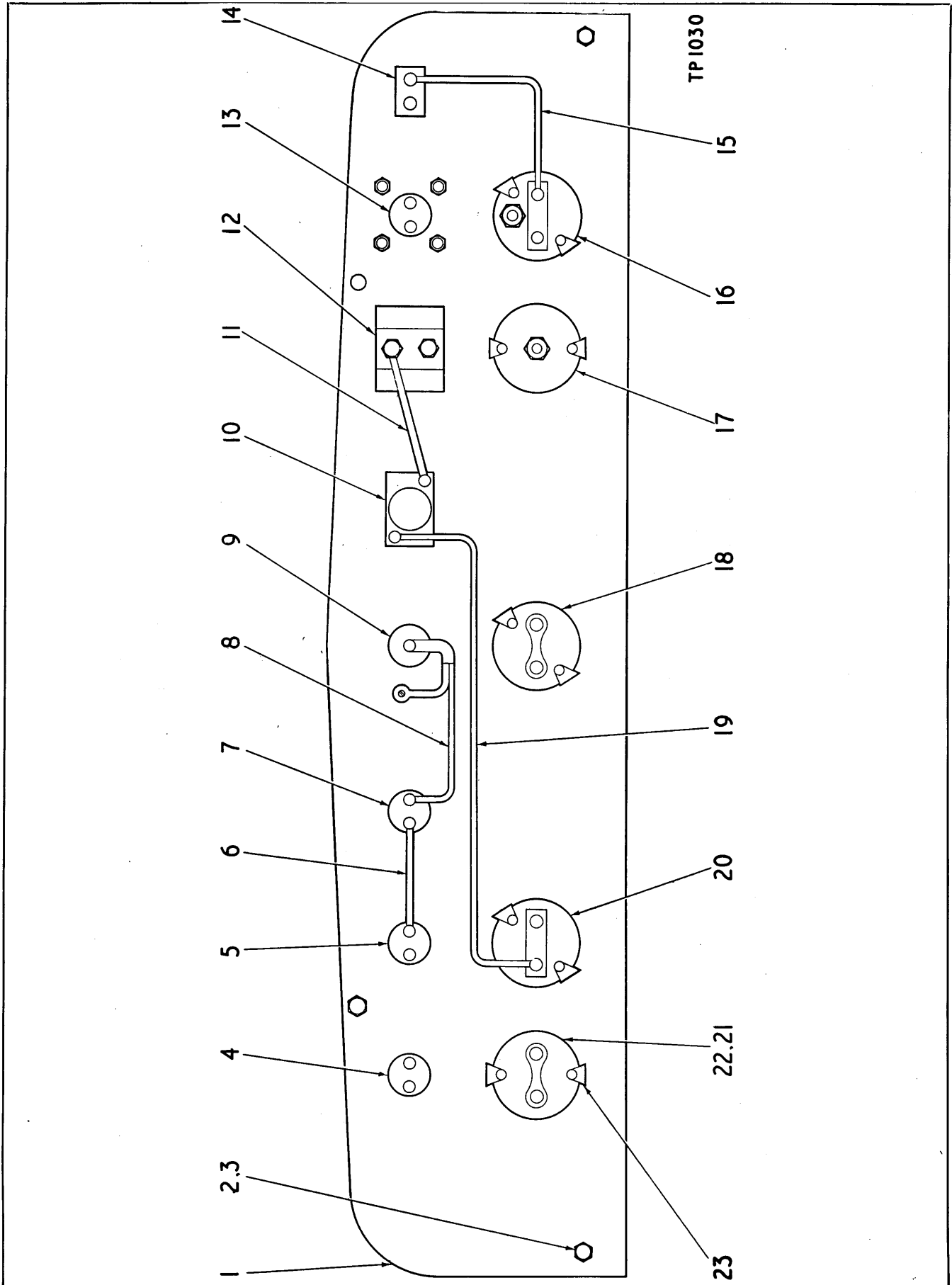
†—Not Illustrated

††—As Required

INSTRUMENT PANEL ASSEMBLY (LEYLAND, DAF AND VOLVO)—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
22		Fuel Gauge		24C	AW23/5	Nut, Fuel Gauge Terminal.....	6
	AW200369	for M/c Serials OS122/I and and after, OS220A/I and after	1	24D	AW2/4	Plain Washer, Fuel Gauge Terminal.....	6
	AW200103	for M/c Serials OS176/I and after	1	24E	AW36/I	Spring Washer, Fuel Gauge Terminal.....	6
23	AW200895	Rubber Gasket, Gauges	5	25	AW202136	†Engine Hours Meter—Leyland	1
24	AW200891	Clamp Strip, Gauges	4	25A	AW202135	†Engine Hours Meter—Volvo.....	1
24A	AW23/3	†Nut, Clamp	4	25B	AW202468	†Engine Hours Meter, Switch Adaptor—Volvo	1
24B	AW36/22	†Spring Washer	4				

† — Not Illustrated

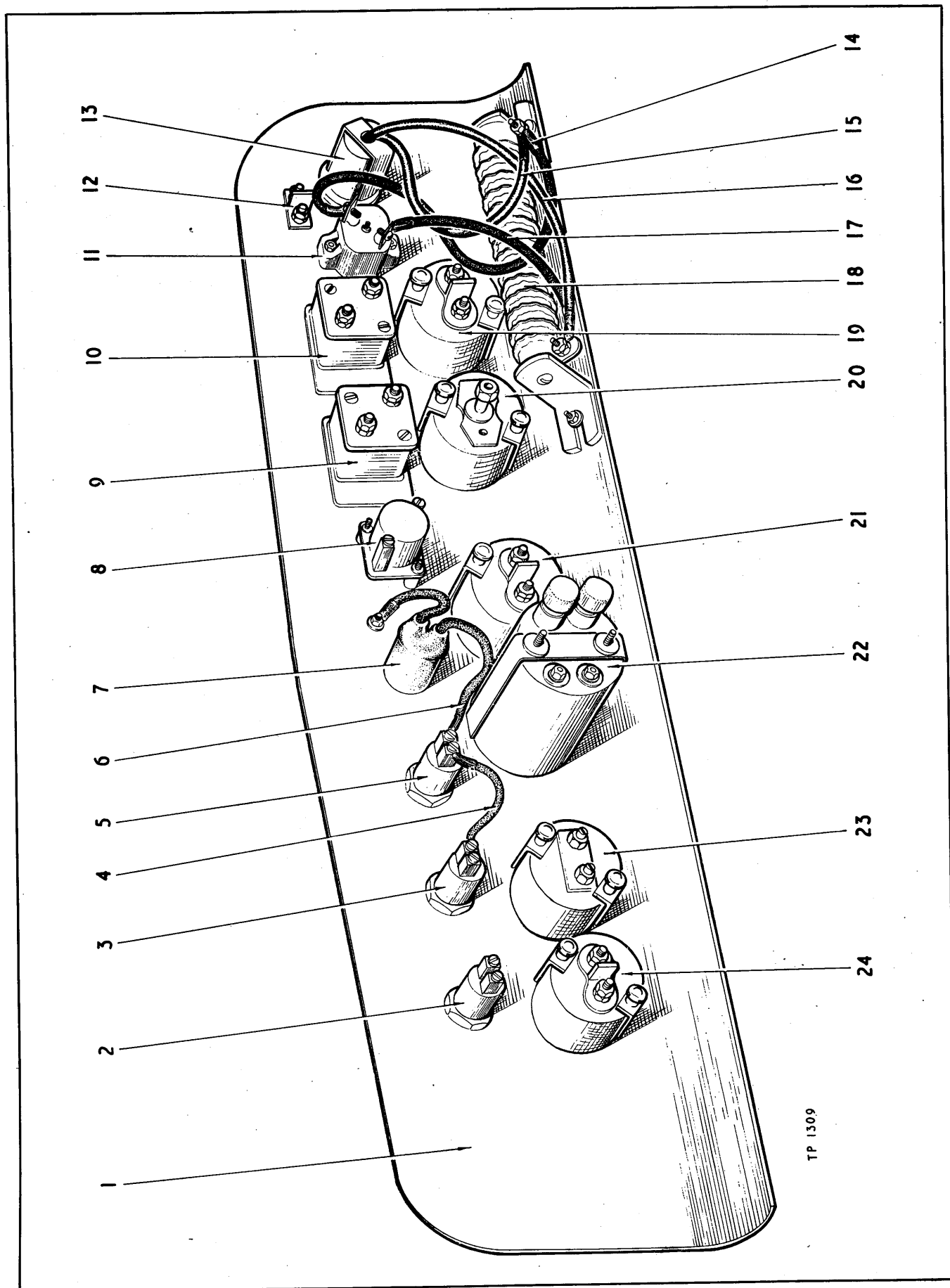


INSTRUMENT PANEL ASSEMBLY (PERKINS)

(effective with serials OSI19/1 and thereafter & OSI99/1 and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW201150	Instrument Panel	1	12A	AW22/7	Screw, Starter Push to Panel	4
2	AW57/301	Bolt, Panel to Shroud	3	12B	AW2/5	Washer, Plain	4
2A	AW56/305	Bolt, Panel to Shroud	1	12C	AW36/2	Washer, Shakeproof	4
3	AW4/7	Spring Washer, Panel to Shroud	3	12D	AW23/18	Nut, Starter Push Terminals	4
3A	AW4/6	Spring Washer, Panel to Shroud	1	12E	AW2/5	Washer, Plain, Terminals	4
3B	AW6/67	Nut, Panel to Shroud	1	12F	AW36/2	Washer, Spring, Terminals	2
4	AW200055	Switch, Reverse Lamp	1	12G	AW200897	Rubber Gasket, Push to Panel	1
4A	AW28/7	Nameplate, Reverse Lamp	1	13	AW202672	Heater Push	1
4B	AW200055/1	Knob, Switches	3	13A	AW22/7	Screw, Heater Push to Panel	4
4C	AW200055/2	Panel Nut, Switches	3	13B	AW2/5	Washer, Plain	4
4D	AW200055/3	Backnut, Switches	3	13C	AW36/2	Washer, Shakeproof	4
4E	AW36/27	Washer, Backnut	3	13D	AW23/18	Nut, Heater Push Terminals	4
4F	142-35	Terminal Screw, Switches	6	13E	AW2/5	Washer, Plain, Terminals	4
5	AW200055	Switch, Head/Tail Lamps	1	13F	AW36/2	Washer, Spring, Terminals	2
5A	AW28/6	Nameplate, Head/Tail Switch	1	13G	AW200897	Rubber Gasket, Push to Panel	1
6	AW200892	Wire, Head Lamp Switch to Panel Switch	1	14	AW200443	2-Pin Plug	1
7	AW200055	Switch, Panel Lamp	1	14A	AW200444	2-Pin Socket	1
7A	AW28/8	Nameplate, Panel Lamp Switch	1	15		Omit	
8	AW200893	Wire, Panel Lamp to Switch	1	16	AW200107	Temperature Gauge, Engine	1
9	AW11816	Panel Lamp	1	17	AW200106	Oil Pressure Gauge	1
9A	AW68/7	Bulb, Panel Lamp	1	18	AW200105	Temperature Gauge, Torque Converter	1
9B	AW22/7	Screw Lamp to Panel	2	19		Omit	
9C	AW36/22	Washer, Shakeproof, Lamp to Panel	2	20	AW200104	Ammeter	1
9D	147-27	Screw, Cover to Lamp	2	20A	AW23/5	Terminal Nuts, Ammeter	4
9E	AW23/3	Nut	2	20B	AW36/1	Washer, Shakeproof, Terminal	2
10	AW200110	Switch, Ignition	1	20C	AW2/4	Washer, Plain, Terminal	2
10A	AW22/128	Screw, Ignition Switch to Panel	2	21	AW200103	Fuel Gauge	1
10B	AW200111	Spacing Tube, Switch to Panel	2	22	AW200895	Rubber Gasket, Gauges	5
10C	AW23/30	Nut, Switch to Panel	2	23	AW200896	Clamp, Gauges	10
10D	AW36/21	Washer, Shakeproof	2	23A	AW23/3	Nut, Clamp	10
10E	AW200110/1	†Key, Ignition Switch (Note.— Switch number must be quoted with order)	1	23B	AW36/22	Spring Washer, Clamp	10
11	AW200894	Wire, Ignition Switch to Starter	1	23C	AW23/5	Nut, Fuel Gauge Terminal	6
12	AW200273	Starter Push	1	23D	AW2/4	Plain Washer, Fuel Gauge Terminal	6
				23E	AW36/1	Spring Washer, Fuel Gauge Terminal	6
				24	AW202135	†Engine Hours Meter	1

† — As Required.
† — Not Illustrated



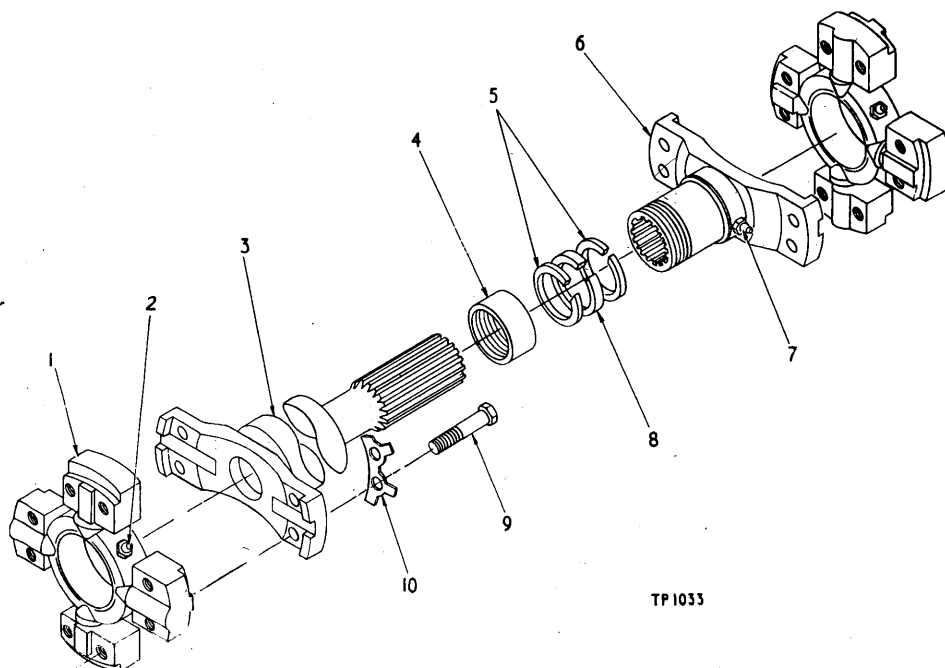
INSTRUMENT PANEL ASSEMBLY (CUMMINS)

(effective with serials OS201/1 and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW205834	Instrument Panel	1	9	AW200273	Starter Push.....	1
1A	AW56/305	†Setscrew, Panel to Shroud.....	1	9A	AW22/7	†Screw, Push to Panel.....	4
1B	AW6/67	†Nut, Panel to Shroud.....	1	9B	AW4/3	†Washer, Push to Panel.....	4
1C	AW4/6	†Washer, Panel to Shroud	1	9C	AW23/3	†Nut, Starter to Panel.....	4
1D	AW57/301	†Setscrew, Panel to Shroud	3	10	AW202672	Heater Push	1
1E	AW4/7	†Washer, Panel to Shroud	3	10A	AW22/3	†Screw, Push to Panel.....	4
2	AW200055	Switch, Reverse Lamp	1	10B	AW4/2	†Washer, Push to Panel	4
2A	AW28/7	†Nameplate, Reverse Lamp Switch.....	1	10C	AW23/30	†Nut, Push to Panel	4
3	AW200055	Switch, Head and Tail Lamps.....	1	11	M518442	Circuit Breaker.....	1
3A	AW28/6	†Nameplate, Head and Tail Lamps	1	12	AW200444	Socket, 2-Pin	1
4	AW200892	Wire, Head and Tail Lamp Switch to Panel Lamp Switch	1	12A	AW200443	†Plug, 2-Pin	1
5	AW200055	Switch, Panel Lamp	1	13	M518443	Indicator Light	1
5A	AW28/8	†Nameplate, Panel Lamp Switch	1	13A	69269	†Indicator Light Bulb (Cummins Part No.)	1
6	AW200893	Wire, Panel Lamp Switch to Panel Lamp	1	14	AW98/3	Wire, Resistance to Circuit Breaker.....	1
7	AW11816	Panel Lamp.....	1	15	AW101/3	Wire, Resistance to Indicator Light	1
7A	AW68/6	†Bulb, Panel Lamp	1	16	AW101/3	Wire, Resistance to Indicator Light	1
7B	AW22/107	†Screw, Lamp to Panel.....	2	17	AW98/3	Wire, Resistance to Circuit Breaker.....	1
7C	AW36/22	†Washer, Lamp to Panel.....	2	18	68813	Resistance (Cummins Part No.)	1
8	AW200110	Switch, Ignition.....	1	19	AW200107	Temperature Gauge—Engine.....	1
8A	AW200111	†Spacing Tube, Ignition Switch	2	20	AW200106	Oil Pressure Gauge.....	1
8B	AW22/128	†Screw, Switch to Panel.....	2	21	AW200105	Temperature Gauge—Torque Converter	1
8C	AW36/21	†Washer, Switch to Panel.....	2	22	AW202135	Engine Hours Meter.....	1
8D	AW23/30	†Nut, Switch to Panel.....	2	23	AW200104	Ammeter	1
8E	AW200110/1	††Key, Ignition Switch. (Note: Switch number must be quoted with order)		24	AW200103	Fuel Gauge	1

†—Not Illustrated

††—As Required

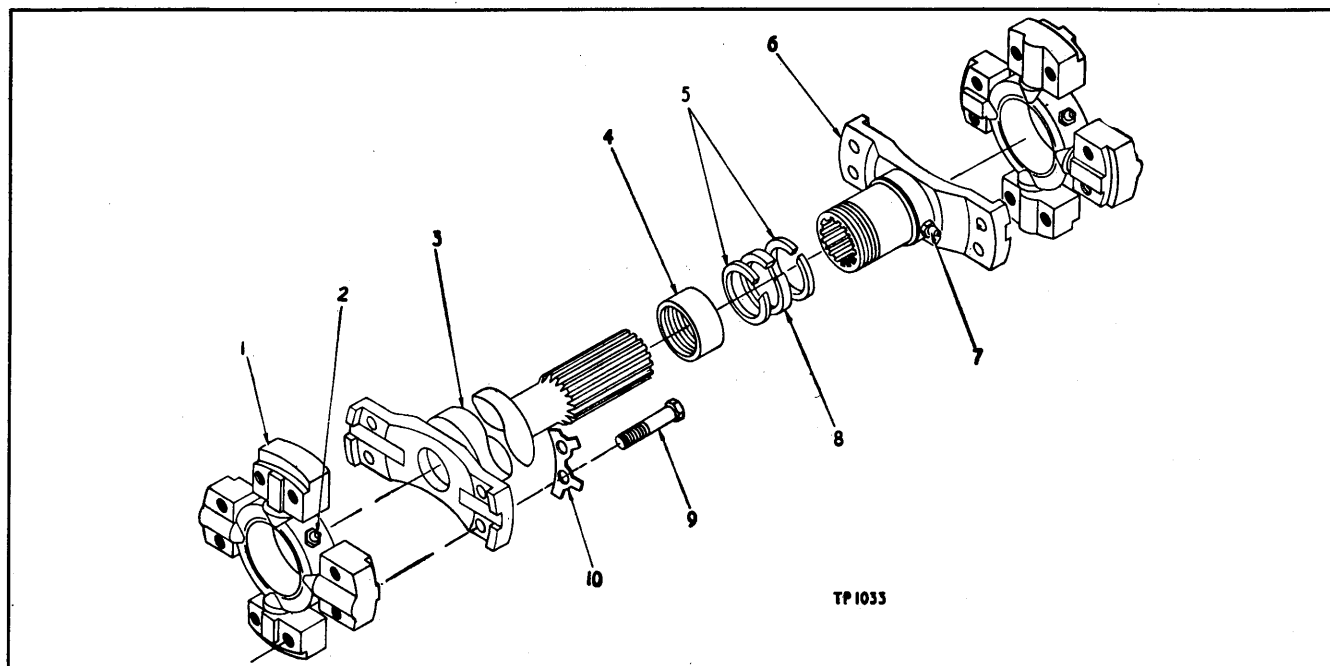


TP 1033

PROPELLER SHAFT ASSEMBLY (PS23 & PS24)

For use in conjunction with Transmission and Axles with Drilled Companion Flanges

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW200956	Propeller Shaft Assembly, Engine to Transmission. For Leyland, DAF, Volvo and Cummins Engines	1	IF		Plug, Air Relief (see Item I)	
I	AW200922	Spider and Bearing Assembly (including Items IA to IF)	2	2	AW200962	Fitting, Grease	2
IA		Cork Gasket (see Item I)		3	AW200923/P	Stub Yoke	1
IB		Retainer, Gasket (see Item I)		4	AW200924	Cap, Dust	1
IC		Dust Shield (see Item I)		5	AW200925	Retainer	2
ID		Housing, Bearing (see Item I)		6	AW200926	Slip Yoke	1
IE		Needle, Roller (see Item I)		7	AW200962	Fitting, Grease	1
IF		Plug, Air Relief (see Item I)		8	AW200927	Felt Washer	1
2	AW200962	Fitting, Grease	2	9	AW200928	Screw	16
3	AW200923/L	Stub Yoke	1	10	AW200929	Locking Plate	8
4	AW200924	Cap, Dust	1	A	AW200957	Propeller Shaft Assembly, Transmission to Axle	2
5	AW200925	Retainer	2			each comprising the following:	
6	AW200926	Slip Yoke	1	I	AW200930	Spider and Bearing Assembly (including Items IA to IF)	2
7	AW200962	Fitting, Grease	1	IA		Cork Gasket (see Item I)	
8	AW200927	Felt Washer	1	IB		Retainer, Gasket (see Item I)	
9	AW200928	Screw	16	IC		Dust Shield (see Item I)	
10	AW200929	Locking Plate	8	ID		Housing, Bearing (see Item I)	
A	AW200034	Propeller Shaft Assembly, Engine to Transmission. For Perkins engine	1	IE		Needle Roller (see Item I)	
I	AW200922	Spider and Bearing Assembly (including Items IA to IF)	2	IF		Plug, Air Relief (see Item I)	
IA		Cork Gasket (see Item I)		2	AW200962	Fitting, Grease	2
IB		Retainer, Gasket (see Item I)		3	AW200931	Stub Yoke	1
IC		Dust Shield (see Item I)		4	AW200932	Cap, Dust	1
ID		Housing, Bearing (see Item I)		5	AW200933	Retainer	2
IE		Needle Roller (see Item I)		6	AW200934	Slip Yoke	1
				7	AW200962	Fitting, Grease	1
				8	AW200935	Felt Washer	1
				9	AW200936	Screw	16
				10	AW200937	Locking Plate	8



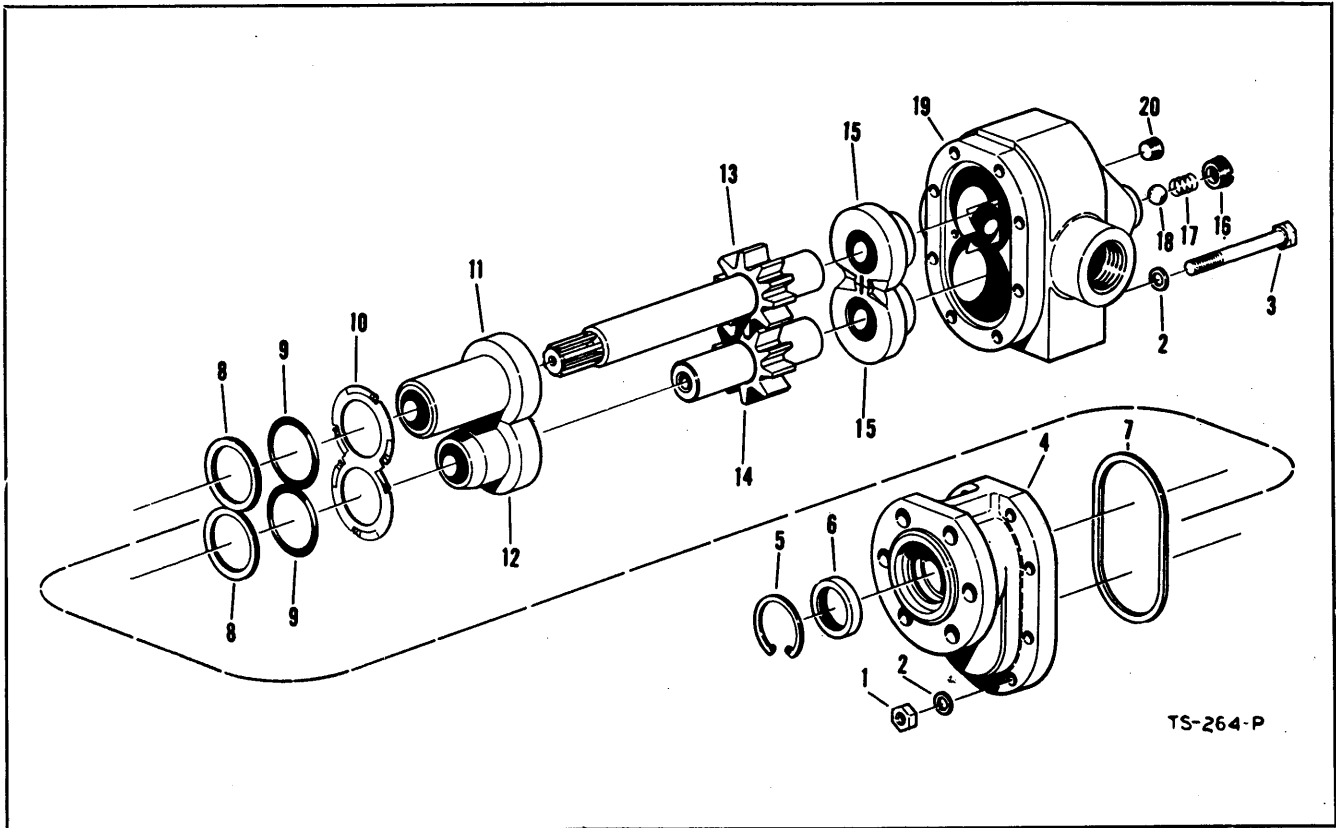
PROPELLER SHAFT ASSEMBLY (PS10 & PS58)

PS10. For use in conjunction with Transmission and Axles with Tapped Companion Flanges

PS58. For use on Perkins Powered Machines only in conjunction with Transmissions with Drilled Input Flange and Tapped Output Flanges and Axles with Tapped Input Flanges

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M514268	Propeller Shaft Assembly, Engine to Transmission. For Leyland, DAF, Volvo and Cummins Engines	1	ID		Housing, Bearing (see Item I)	
I	M943221	Spider and Bearing Assembly (including Items IA to IF).....	2	IE		Needle Roller (see Item I)	
IA		Cork Gasket (see Item I)		IF		Plug, Air Relief (see Item I)	
IB		Retainer, Gasket (see Item I)		2	AW200962	Fitting, Grease	2
IC		Dust Shield (see Item I)		3	AW200923/P	Stub Yoke	1
ID		Housing, Bearing (see Item I)		4	AW200924	Cap, Dust	1
IE		Needle, Roller (see Item I)		5	AW200925	Retainer	2
IF		Plug, Air Relief (see Item I)		6	AW200926	Slip Yoke	1
2	M10H-35	Fitting, Grease	2	7	AW200962	Fitting, Grease	1
3	M942659	Stub Yoke	1	8	AW200927	Felt Washer	1
4	M940654	Cap, Dust	1	9	AW200928	Screw	16
5	M940653	Retainer	2	10	AW200929	Locking Plate	8
6	M944868	Slip Yoke	1	A	M550580	Propeller Shaft Assembly, Transmission to Axle	2
7	M10H-25	Fitting, Grease	1			each comprising the following:	
8	M940081	Felt Washer	1	I		Spider and Bearing Assembly each including Item IA.....	2
9	M695811	Screw	16	IA		†Seal, Spider and Bearing Grease	4
10	M4E-05	Locking Washer	16	2	M3H-35	Fitting, Grease	2
A	AW200034	Propeller Shaft Assembly, Engine to Transmission. For Perkins P.6 engine	1	3	M940249	Stub Yoke	1
I	AW200922	Spider and Bearing Assembly (including Items IA to IF).....	2	4	M940090	Cap, Dust	1
IA		Cork Gasket (see Item I)		5	M940091	Retainer	2
IB		Retainer, Gasket (see Item I)		6	M942660	Slip Yoke	1
IC		Dust Shield (see Item I)		7	M10H-25	Fitting, Grease	1
				8	M940092	Felt Washer	1
				9	M940089	Bolt	16
				9A	M8D-06	Nut	16
				10		Omit	

† — Not Illustrated



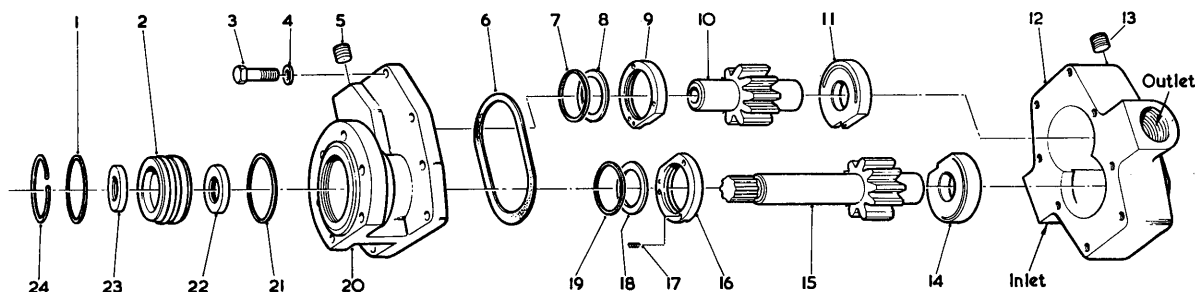
HYDRAULIC PUMP CONVERTER CHARGING

For serial: Model 75A (Leyland)—OS122/1 thru 254, 256, 258, 259, 263 thru 266, 268 thru 275, 278, 279, 282 thru 285, 288, 290. Model 75A (Perkins)—OS119/1 thru 16.

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M221450	Hydraulic Gear Pump (including Items 1 thru 22)		8	M942650	Back Up Washer.....	2
B	M942403	*Minor Repair Kit (including Items 5 thru 9)		9	M942651	Seal Ring, Cover Bearing.....	2
C	M942404	*Major Repair Kit (including Items 1, 2, 3, 5 thru 12, 15, 17, 18)		10	M942514	Spring, Bearing.....	1
D	M942432	*Drive and Driven Gear Set (including Items 13 and 14)		11	M942515	Bearing, Cover Drive.....	1
1	M2D-06	Nut, $\frac{3}{8}$ "—24 hex.....	8	12	M942516	Bearing, Cover Driven.....	1
2	M713134	Washer.....	16	13	M942517	Gear, Drive.....	1
3	M2C-656	Bolt, $\frac{3}{8}$ "—24 x $3\frac{1}{2}$ " hex head.....	8	14	M942518	Gear, Driven.....	1
4	M942513	*Cover.....	1	15	M942519	Bearing, Body Drive and Driven	2
5	M713133	Ring, Seal Retainer.....	1	16	M942652	Plug, Seal Relief.....	1
6	M942648	Shaft Seal.....	1	17	M942520	Spring, Seal Relief.....	1
7	M942649	Seal Ring, Cover.....	1	18	M10J-10	Ball, Seal Relief— $\frac{5}{16}$ ".....	1
				19	M942670	*Body.....	1
				20	M16F-02	Plug, Seal Chamber.....	1
				21	M551906	†Gasket, Pump Mounting.....	1
				22	M514788	†Adaptor Union.....	1

* — Only these items available as replacement parts

† — Not Illustrated



HYDRAULIC PUMP—CONVERTER CHARGING

For serial: Model 75A (Leyland)—OS122/255, 257, 260 thru 262, 267, 276, 277, 280, 281, 286, 287, 289, 291 thru 293, 321, 336, 343, 252, 461 thru 463, 465, 468, 476, thru 478, 479

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450012	*Pump Assembly (Including 1 thru 24)	1	11		§Thrust Plate, Body	1
B	498152	Repair Kit, Major (including 9, 11, 14, 16)	1	12		§Body (including Bushings) (see Note "A")	1
C	498151	**Repair Kit, Minor (including 1, 3, 4, 6, 7, 8, 17, 18, 19, 21)	1	13		§Plug, Body	1
D	498024	Gear Set, Drive and Driven (including 10, 15)	1	14		§Thrust Plate, Body	1
E	498113	Repair Kit, Shaft Seal (including 1, 2, 21 thru 24)	1	15		§Gear, Drive	1
1		§"O" Ring, Retainer	1	16		§Thrust Plate, Cover	1
2		§Retainer, Shaft Seal	1	17		§Spring, Cover Thrust Plate	6
3		§Bolt, Cover to Body	8	18		§Washer, "O" Ring Back-up	1
4		§Washer, Cover to Body	8	19		§"O" Ring, Cover Thrust Plate	1
5		§Plug, Cover	1	20		§Cover (including bushings) (see Note "A")	1
6		§Gasket, Cover	1	21		§"O" Ring, Retainer	1
7		§"O" Ring, Cover Thrust Plate	1	22		§Seal, Inner Oil	1
8		§Washer, Back-up	1	23		§Seal, Outer Oil	1
9		§Thrust Plate, Cover	1	24		§Ring, Seal Retainer	1
10		§Gear, Driven	1	25	551906	†Gasket, Pump to Converter	1
				26	8D-06	†Nut, Pump to Converter	6
				27	4E-06	†Lockwasher, Pump to Converter	6

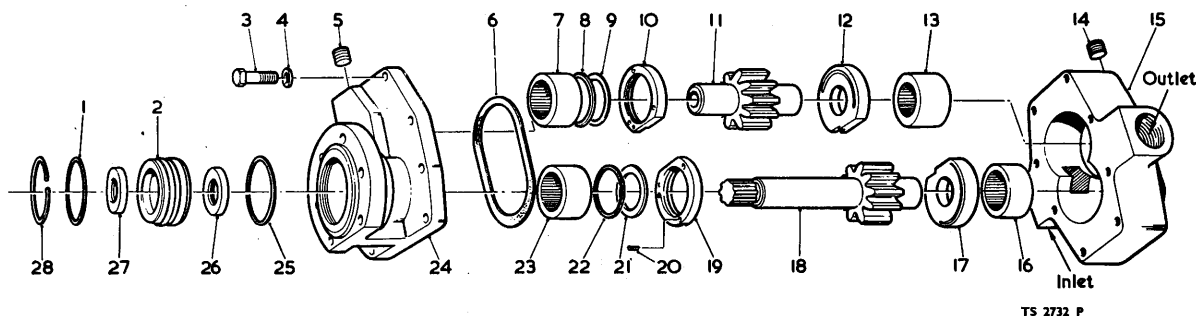
*NOTE: When complete pump assembly is replaced use 450072 Pump listed on page 145.

**NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.

NOTE "A": Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.

†Not Illustrated

§Not Sold Separately



HYDRAULIC PUMP—CONVERTER CHARGING

For serial: **Model 75A (Leyland)**—OS122/294 thru 299, 301, 302, 304 thru 306, 308 thru 320, 330, 333, 334, 346, 371 & thereafter. **Model 75A—(Perkins)**—OS119/17. **Model 75A (Perkins)**—OS199/1 & thereafter. **Model 75A (Volvo)**—OS176/1 & thereafter. **Model 75A (Cummins)**—OS201/1 & thereafter. **Model 75A (D.A.F.)**—OS220/1 & thereafter.

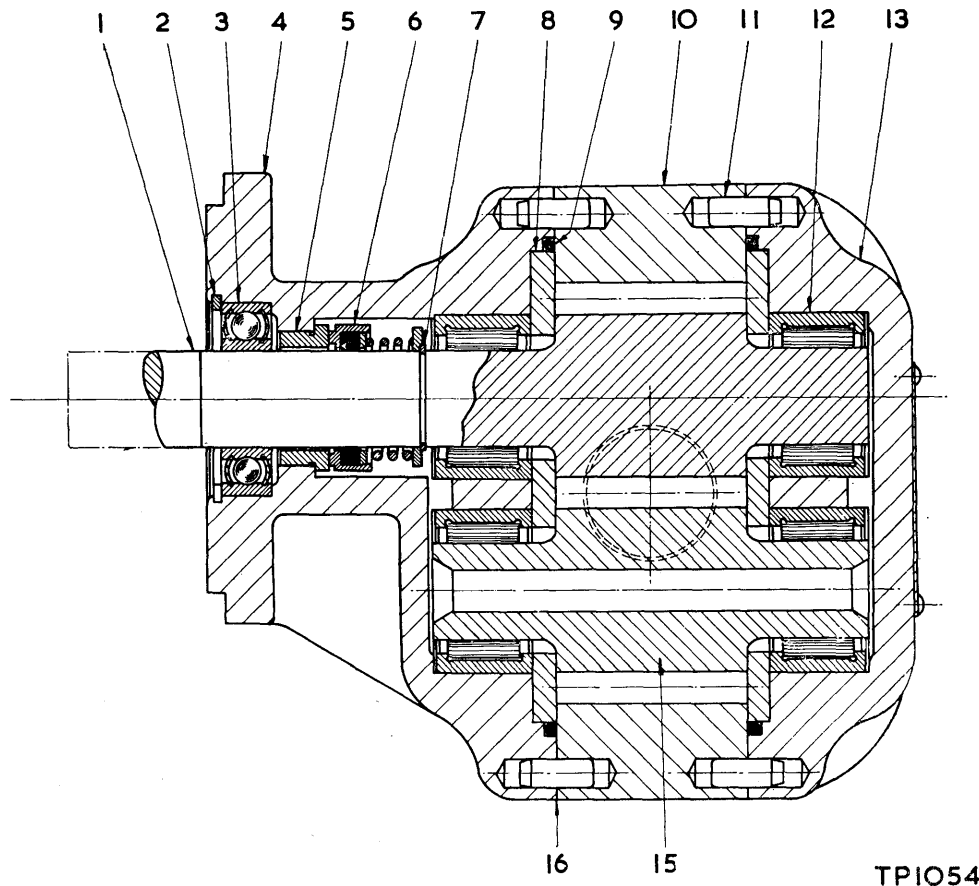
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450072	Pump Assembly, (including 1 thru 28)	1	12		§Thrust Plate, Body	1
B	498128	Repair Kit, Major (including 10, 12, 17, 19)	1	13	**§	Bearing, Body	1
C	498127	*Repair Kit, Minor (including 1, 3, 4, 6, 8, 9, 20, 21, 22, 25)	1	14		§Plug, Body	1
D	498024	Gear Set, Drive and Driven (including 11, 18)	1	15	**§	Body	1
E	498113	Repair Kit, Shaft Seal (including 1, 2, 25 thru 28)	1	16	**§	Bearing, Body	1
1		§"O" Ring, Retainer	1	17		§Thrust Plate, Body	1
2		§Retainer, Shaft Seal	1	18		§Gear, Drive	1
3		§Bolt, Cover to Body	8	19		§Thrust Plate, Cover	1
4		§Washer, Cover to Body	8	20		§Spring, Cover Thrust Plate	6
5		§Plug, Cover	1	21		§Washer, "O" Ring Back-up	1
6		§Gasket, Cover	1	22		§"O" Ring, Cover Thrust Plate	1
7	**§	Bearing, Cover—Driven	1	23	**§	Bearing, Cover	1
8		§"O" Ring, Cover Thrust Plate	1	24	**§	Cover	1
9		§Washer, "O" Ring Back-up	1	25		§"O" Ring, Retainer	1
10		§Thrust Plate, Cover	1	26		§Seal, Inner Oil	1
11		§Gear, Driven	1	27		§Seal, Outer Oil	1
				28		§Ring, Seal Retaining	1
				29	214961	†Sleeve, Pump Drive	1
				30	551906	†Gasket, Pump to Converter	1
				31	8D-06	†Nut, Pump to Converter	6
				32	4E-06	†Lockwasher, Pump to Converter	6

*NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.

**NOTE: Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.

†Not Illustrated.

§Not Sold Separately.



HYDRAULIC PUMP—BUCKET AND BOOM

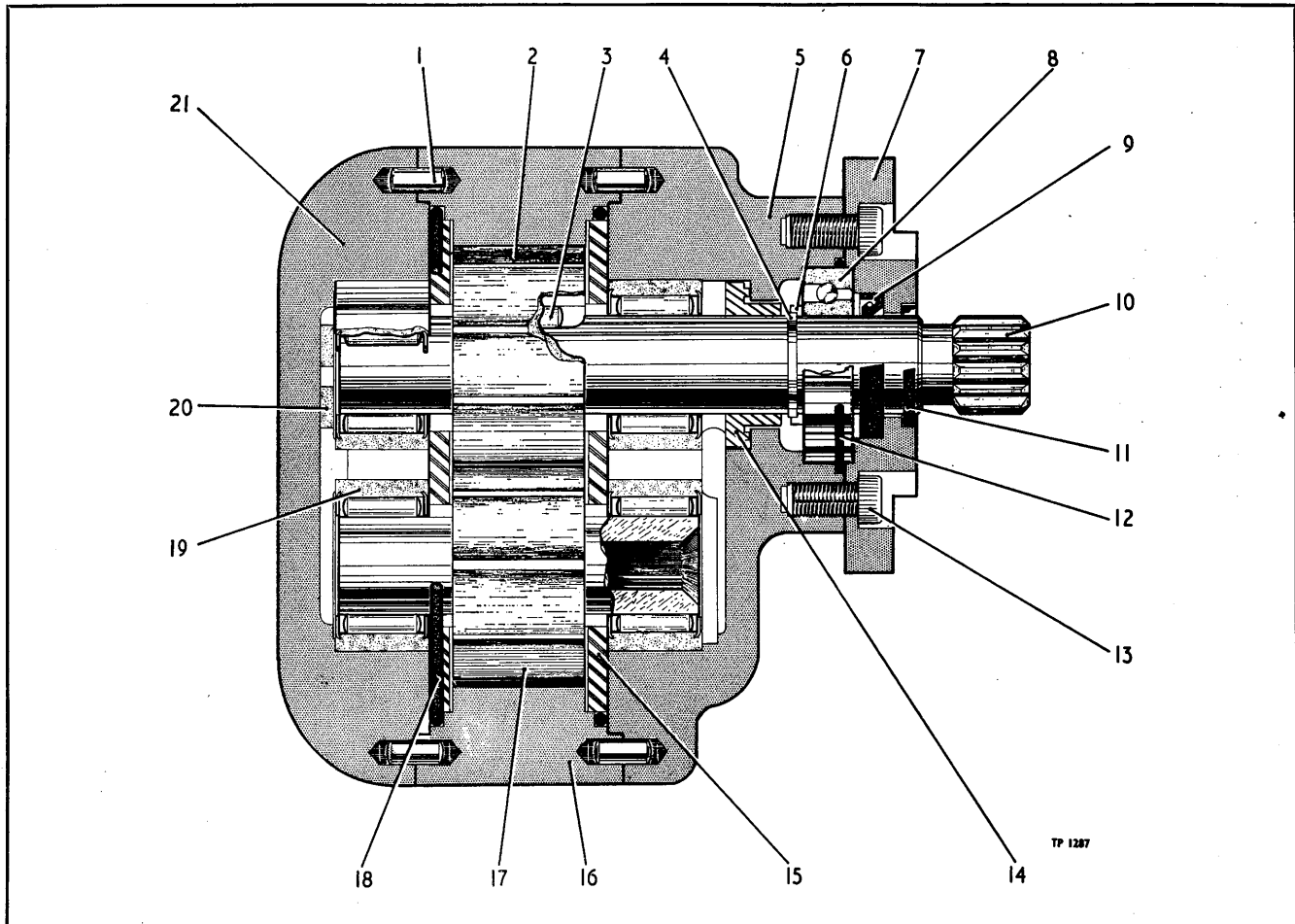
For serial: Model 75A (Leyland)—OS122/1 thru 478 & 480. Model 75A (Perkins)—OS119/1 thru 17. Model 75A (Perkins)—OS199/1 thru 6. Model 75A (Cummins)—OS201/1 & 2. Model 75A (D.A.F.)—OS220/1 thru 7. Model 75A (Volvo)—OS176/1 & 2.

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW200958	**Hydraulic Gear Pump (including Items 1 to 19)	1	8	AW200995	Wear Plate	2
B	AW200959	*Hydraulic Gear Pump (including 1 to 16)	1	9	AW200996	"O" Ring	2
C	AW200986	Major Repair Kit (including 5, 6, 7, 8, 9, 11, 12, 16, 19, 20)	1	10	AW200997	Housing	1
D	AW201181	Minor Repair Kit (including Items 6, 9, 16)	1	11	AW200998	Dowel	4
E	AW200987	Drive and Driven Gear Set (including 1 and 15)	1	12	AW200999	Bearing	4
1	AW200988	Drive Shaft (see E)	1	13	AW201000	Cover	1
2		Snap Ring—Omit	1	14	AW201029	†Cap Screw, Cover	4
3		Bearing—Omit	1	15	AW201030	Driven Shaft (see E)	1
4	AW200991	Adaptor	1	16	AW201031/A	†Gasket	1
5	AW200992	Seat, Seal	1	16A	AW201031/B	†Gasket	1
6	AW200993	Seal Assembly	1	17	AW200667	†Flange, Special (Manifold)	1
7	AW200994	Snap Ring	1	18	AW200672	†Cap Screw, Flange	4
				19	AW10/36	†"O" Ring	1
				20	M551906	†Gasket, Pump Mounting	1
				21	AW8/67	†Nut, Pump Mounting	6
				22	AW4/6	†Lockwasher, Pump Mounting	6

†—Not Illustrated ‡—As Required

**For complete replacement use AW205465

*For complete replacement use AW205464

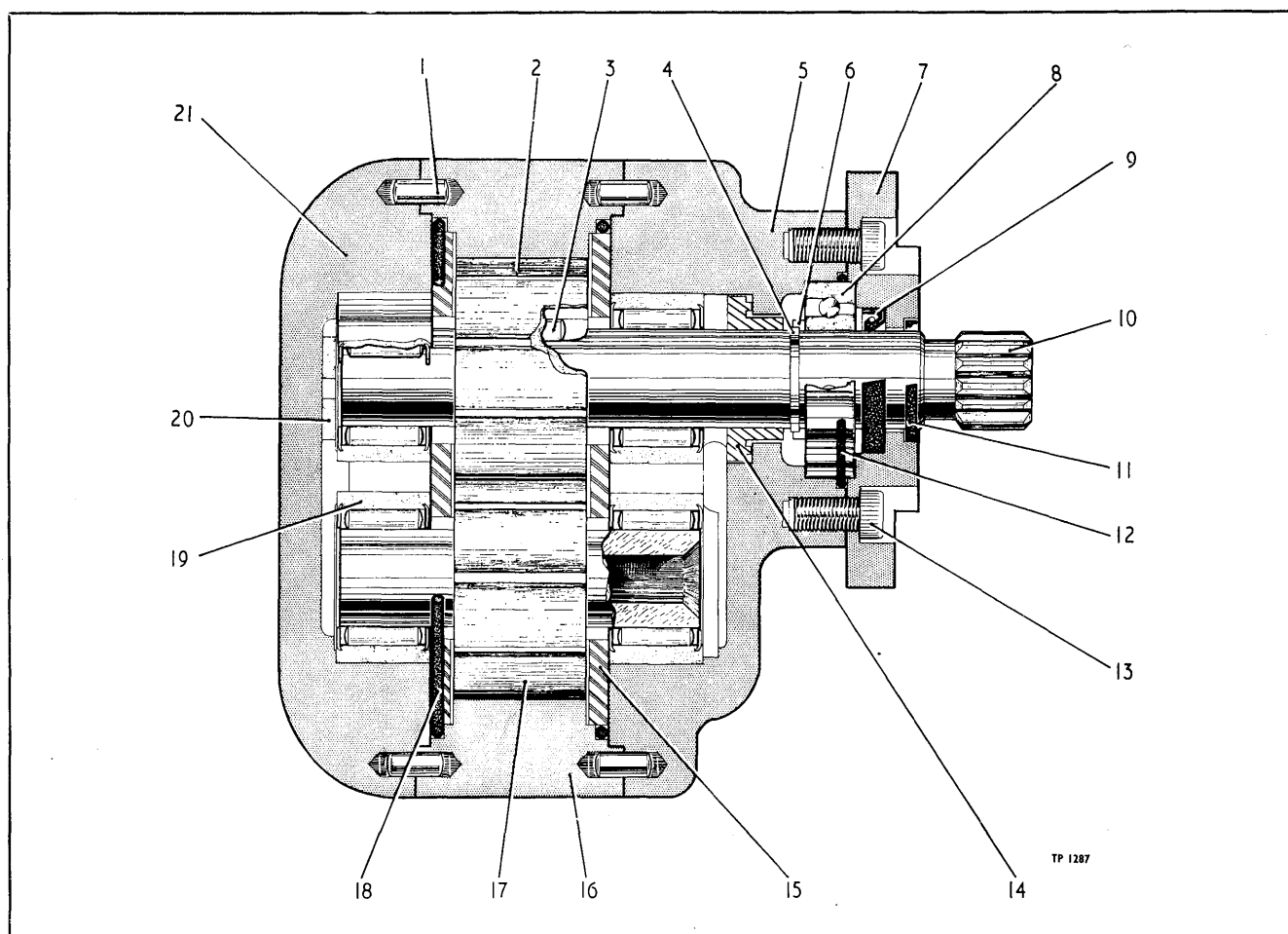


HYDRAULIC PUMP—BUCKET AND BOOM

Complete Service Replacement Pump for Pump No. AW200958-9 only

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW205465	Hydraulic Gear Pump (including Items 1 to 28)	1	11	AW206266	L.P. Seal	1
B	AW205464	Hydraulic Gear Pump (including Items 1 to 25)	1	12	AW206251	Seal Ring	1
C	AW206144	Major Repair Kit (including Items 1, 3, 4, 9, 11, 12, 15, 17, 18, 19, 22, 23, 24)	1	13	AW206269	Capscrew	4
D	AW206140	Minor Repair Kit (including Items 4, 8, 11, 14, 23, 24, 25)	1	14	AW206271	Bush, Seal	1
E	AW206151	Drive and Driven Gear Set (including Items 2 and 17)	1	15	AW200995	Wear Plate	2
1	AW200979	Dowel	4	16	AW206273	Housing	1
2		Gear, Drive (see E)	1	17		Gear Driven (see E)	1
3	AW206260	Dowel Key	1	18	AW200996	Ring, Seal	2
4	AW206253	Snap Ring	1	19	AW200999	Bearing	4
5	AW206272	Adaptor	1	20	AW206261	Thrust Washer	1
6	AW206254	Retainer, Snap Ring	1	21	AW206262	Cover	1
7	AW206268	Plate, Mounting	1	22	AW201029	†Capscrew, Cover to Housing ..	4
8	AW206252	Bearing, Ball Thrust	1	23	AW201031/A	†Gasket Shim	2
9	AW206270	Seal Seat Bush	1	24	AW201031/B	†Gasket Shim	2
10	AW206149	Drive Shaft	1	25	AW206263	†Ring, Seal-Cover and Adaptor to Housing	4
				26	AW205466	†Flange, Coupling (Suction)	1
				27	AW205492	†Screw, Csk, Flange to Pump	4
				28	AW10/36	†"O" Ring, Flange to Pump	1
				29	M551906	†Gasket, Pump Mounting	1
				30	AW205459	†Nut, Pump Mounting	6

†—Not Illustrated

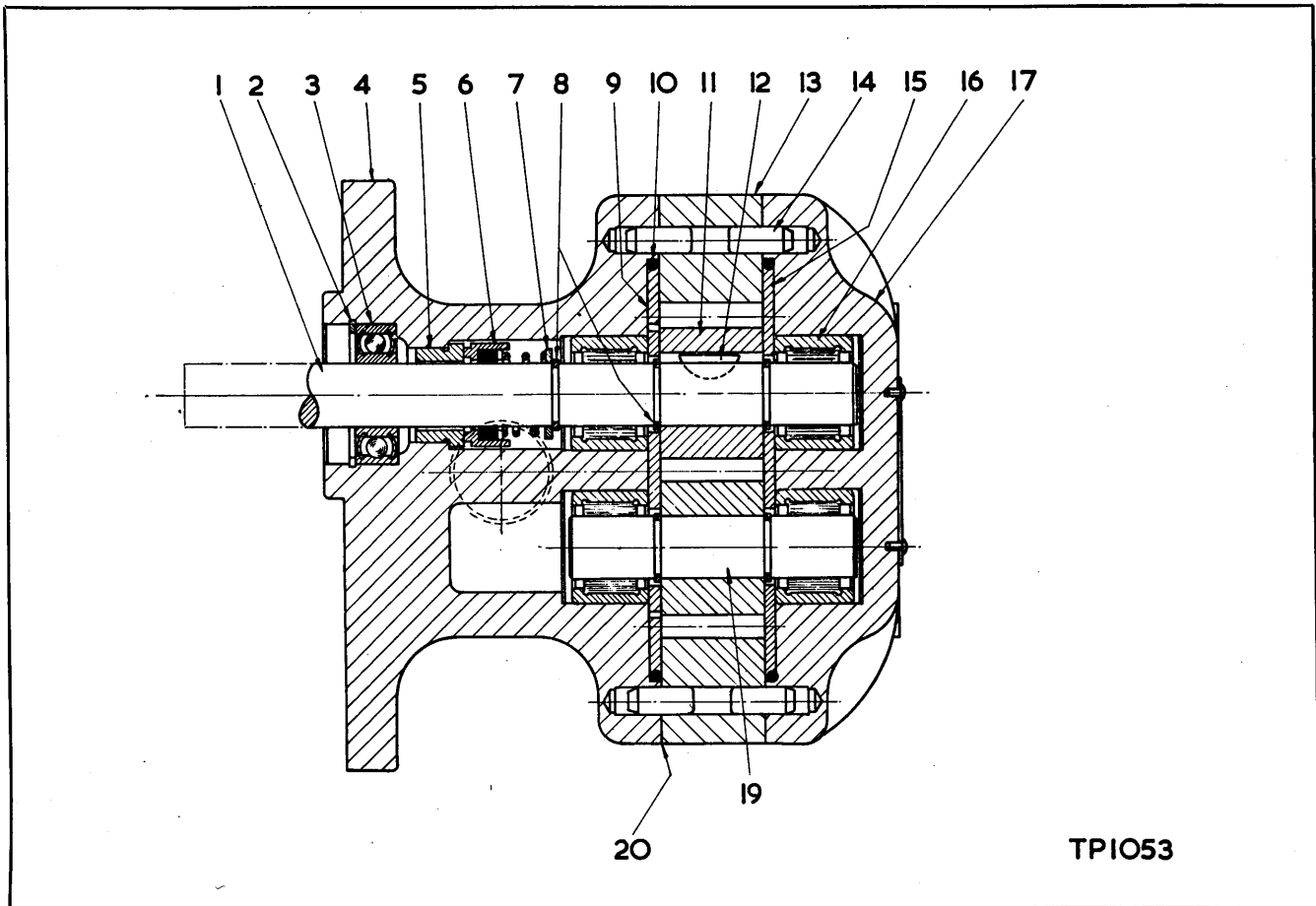


HYDRAULIC PUMP—BUCKET AND BOOM

For serials: **Model 75A (Leyland)—OS122/479, 481 & thereafter** **Model 75A (Perkins)—OS199/7 & thereafter**
Model 75A (Cummins)—OS201/3 & thereafter **Model 75A (D.A.F.)—OS220/8 & thereafter**
Model 75A (Volvo)—OS176/3 & thereafter.

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW205426	Hydraulic Gear Pump (including Items 1 to 25)	1	11	AW206266	L.P. Seal	1
B	AW206145	Major Repair Kit (including Items 1, 3, 4, 8, 9, 11, 12, 14, 15, 18, 19, 20, 23, 24, 25).....	1	12	AW206251	Seal Ring	1
C	AW206141	Minor Repair Kit (including Items 4, 8, 11, 14, 18, 23, 24, 25)	1	13	AW206269	Capscrew	4
D	AW206151	Drive and Driven Gear Set (including Items 2 and 17).....	1	14	AW206257	Bush Seal	1
1	AW200979	Dowel	4	15	AW200995	Wear, Plate	2
2		Gear, Drive (see D)	1	16	AW206259	Housing	1
3	AW206260	Dowel Key	1	17		Gear Driven (see D)	1
4	AW206253	Snap Ring	1	18	AW200996	Ring, Seal	2
5	AW206267	Adaptor	1	19	AW200999	Bearing	4
6	AW206254	Retainer, Snap Ring	1	20	AW206261	Thrust Washer	1
7	AW206268	Plate, Mounting	1	21	AW206262	Cover	1
8	AW206252	Bearing, Ball Thrust	1	22	AW201029	†Capscrew, Cover to Housing	4
9	AW206256	Seal Seat Bush	1	23	AW201031/A	†Gasket, Shim	2
10	AW206149	Drive Shaft.....	1	24	AW201031/B	†Gasket Shim	2
				25	AW206263	†Ring, Seal, Cover and Adaptor to Housing	4
				26	M551906	†Gasket, Pump Mounting	1
				27	AW205459	†Nut, Pump Mounting	6
				28	AW4/6	†Lockwasher, Pump Mounting	6

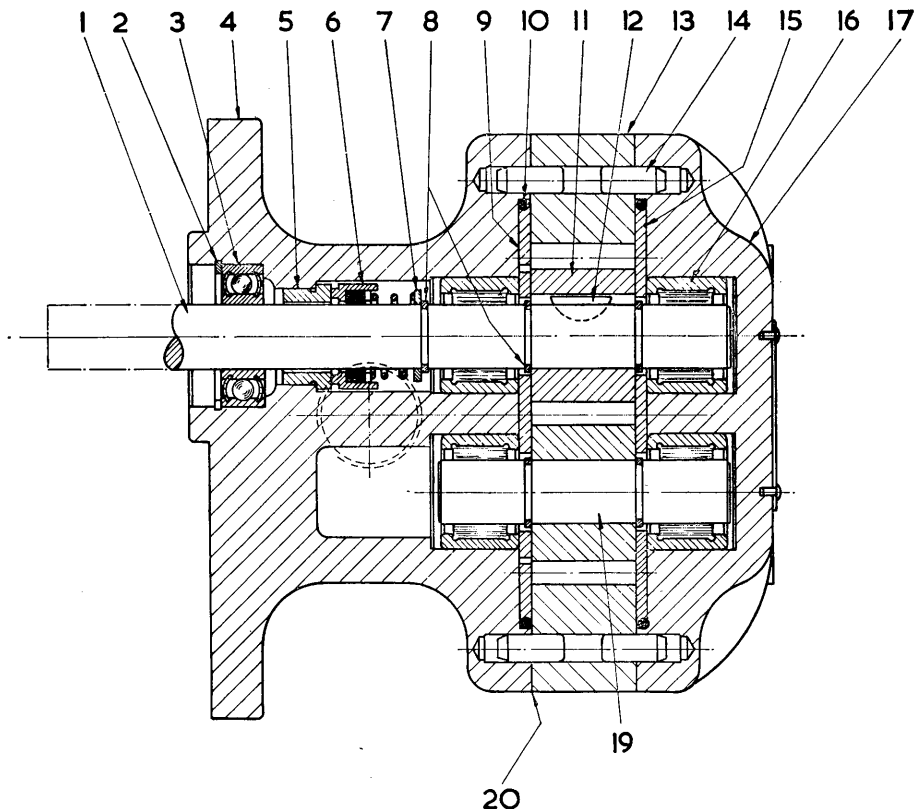
† — Not Illustrated



HYDRAULIC PUMP—STEERING BOOSTER

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW200744	Hydraulic Gear Pump (including Items 1 to 22)	1	9A	AW203791	†O' Ring	4
B	AW200947	Hydraulic Gear Pump (including Items 1 to 20)	1	10	AW200975	"O" Ring	2
C	AW200964	Major Repair Kit (including Items 2, 3, 5, 6, 8, 9, 10, 14, 15, 16 and 20)	1	11		Gear (see Item E)	2
D	AW201180	Minor Repair Kit (including Items 6, 10, 20)	1	12	AW200977	Key	1
E	AW200965	Drive and Driven Gear Set	1	13	AW200978	Housing	1
1	AW200966	Drive Shaft	1	14	AW200979	Dowel	4
2	AW200967	Snap Ring	1	15	AW200980	Wear Plate	1
3	AW200968	Bearing	1	16	AW200981	Bearing	4
4	AW200969	Adaptor	1	17	AW200982	Cover	1
5	AW200970	Seat, Seal	1	18	AW200983	†Cap Screw, Cover	4
6	AW200971	Seal	1	19	AW200984	Driven Shaft	1
7	AW200972	Washer	1	20	AW200985/A	†Gasket	
8	AW200973	Snap Ring	5	20A	AW200985/B	†Gasket	
9	AW200974	Wear Plate	1	21	AW200666	†Flange, Special (Manifold)	1
				22	AW200673	†Cap Screw, Flange	3
				23	M551906	†Gasket, Pump Mounting	1
				24	AW8/67	†Nut, Pump Mounting	3
				25	AW4/6	†Lockwasher, Pump Mounting	3

†—Not Illustrated
‡—As Required



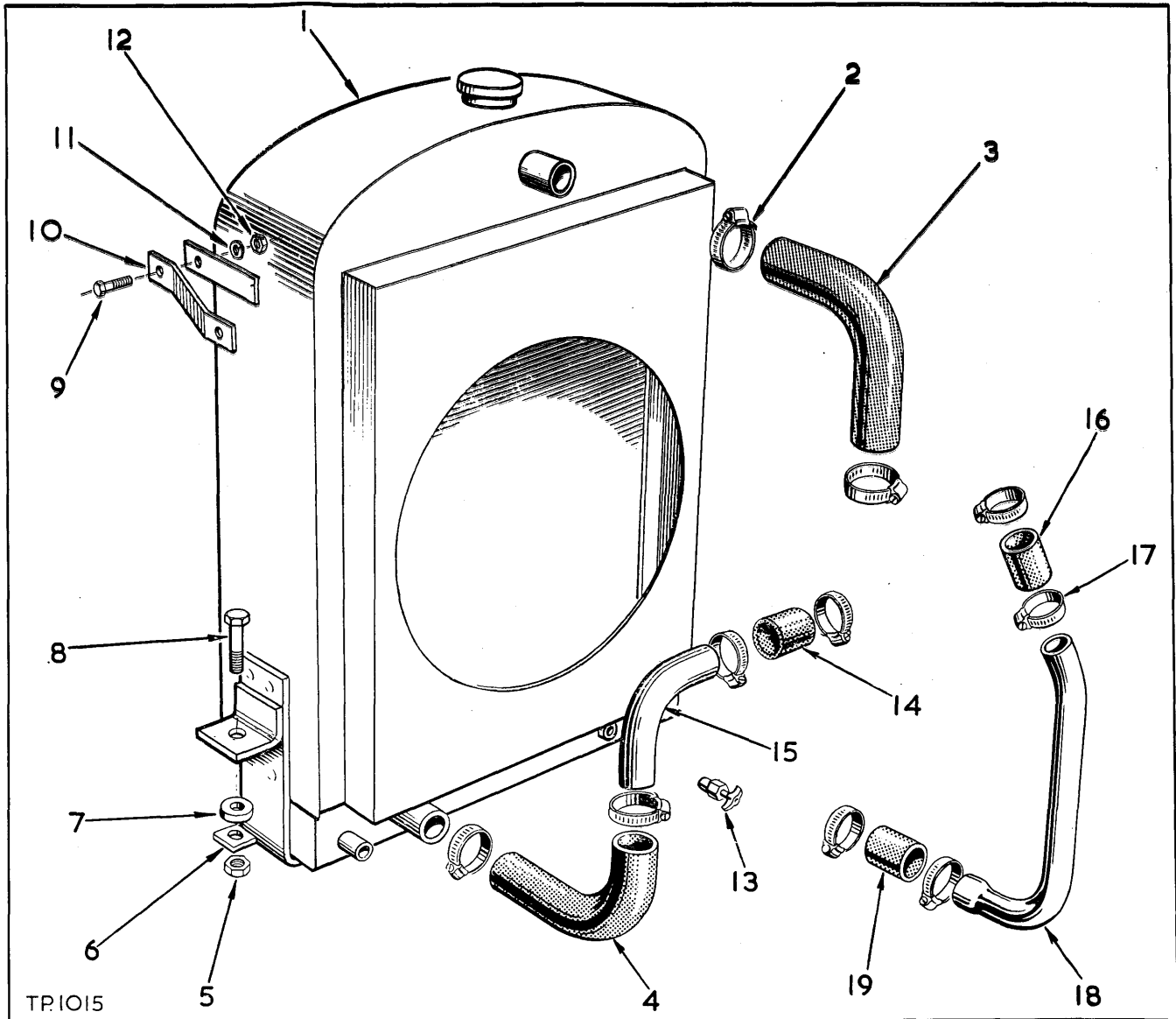
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HYDRAULIC PUMP—STEERING BOOSTER

For Serial: Model 75A (Leyland)—OS122/322 and after, Model 75A (Perkins)—OS119/17 and after, Model 75A (Perkins)—OS199/1 and after, Model 75A (Cummins)—OS201/1 and after, Model 75A (D.A.F.)—OS220A/1 and after, Model 75A (Volvo)—OS176/1 and after, Model 85A (Leyland)—OS128/80, 84 and after, Model 85A (Perkins)—OS189/1 and after, Model 85A (Cummins)—OS202/1 and after.

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW201797	Hydraulic Gear Pump (including Items 1-20).....	1	9		§Wear Plate.....	1
B	AW200964	Major Repair Kit (including Items 2, 3, 5, 6, 8, 9, 10, 14, 15, 16 and 20).....	1	10		§"O" Ring.....	2
C	AW201180	Minor Repair Kit (including Items 6, 10 and 20).....	1	11		§Gear (see Item E).....	2
D	AW200965	Drive and Driven Gear Set.....	1	12		§Key.....	1
1	AW200966	Drive Shaft.....	1	13	AW203117	Housing.....	1
2		§Snap Ring.....	1	14		§Dowel.....	4
3		§Bearing.....	1	15		§Wear Plate.....	1
4		§Adaptor.....	1	16		§Bearing.....	4
5		§Seat, Seal.....	1	17		§Cover.....	1
6		§Seal.....	1	18		†§Cap Screw, Cover.....	4
7		§Washer.....	1	19	AW200984	Driven Shaft.....	1
8		§Snap Ring.....	5	20		‡Gasket.....	
				21	M551906	Gasket, Pump Mounting.....	1
				22	AW8/67	Nut, Pump Mounting.....	3
				23	AW4/6	Lockwasher, Pump Mounting.....	3

+ — As Required
 † — Not Sold Separately
 ‡ — Not Illustrated



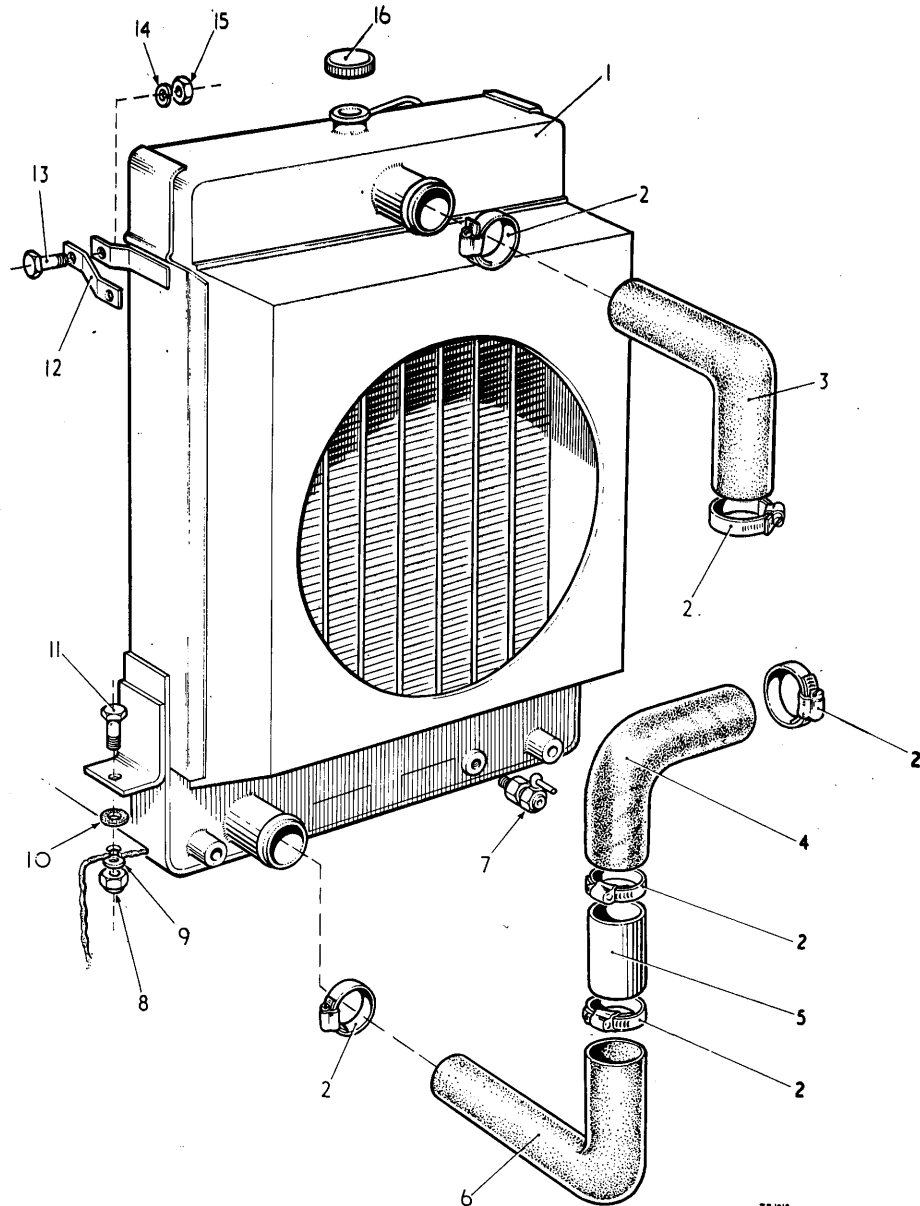
TR1015

RADIATOR AND PARTS (LEYLAND, DAF AND PERKINS)

(effective with serials OS119/1 and thereafter. OS122/1 and thereafter. OS199/1 and thereafter. OS220A/1 and thereafter)

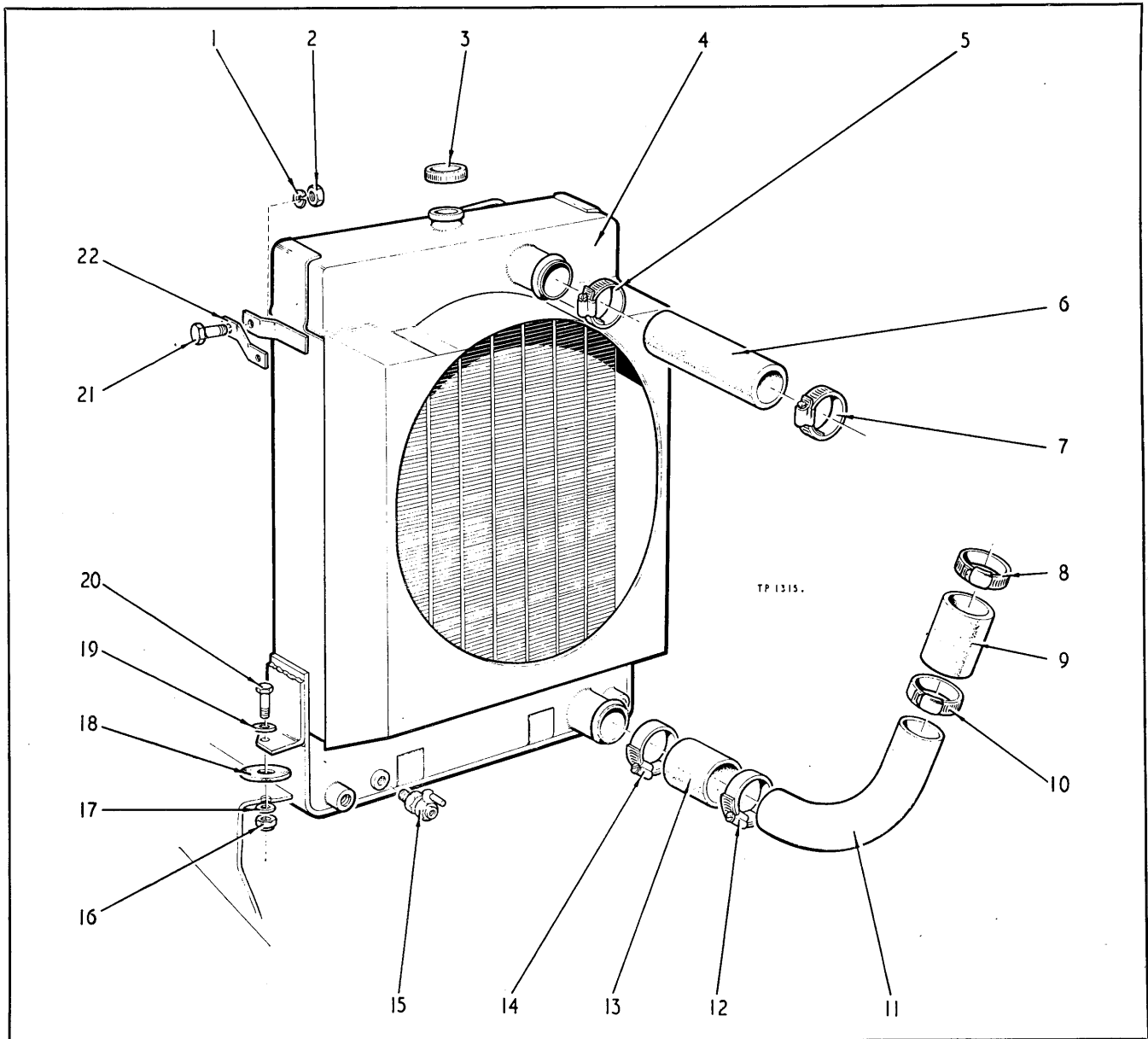
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200112	Radiator—Leyland Powered	1	10	AW200044	Clip, Radiator to Grille	2
	AW200118	Perkins Powered	1	11	AW4/6	Lockwasher, Clip to Radiator....	2
	AW206057	DAF Powered	1	12	AW6/67	Nut, Clip to Radiator	2
2	AW53/11	Clamp, Radiator Hose—Leyland and DAF Powered	6	13	AW200045	Drain Cock, Radiator	1
3	AW200176	Hose, Radiator — Upper Leyland and DAF Powered....	1	14	AW66/3	Pipe Connection—Leyland and DAF Powered	1
	AW200043	Perkins Powered	1	15	AW200231	Pipe, Engine Inlet—Leyland and DAF Powered	1
4	AW200176	Hose, Radiator — Lower — Leyland and DAF Powered	1	16	AW66/2	Connector, Pipe to Water Pump—Perkins Powered	1
5	AW25/95	Nut, Radiator to Frame	2	17	AW53/10	Clip, Radiator Hoses—Perkins Powered	6
6		Omit		18	AW200046	Pipe, Radiator to Engine—Perkins Powered	1
7	M518233	Pad, Radiator to Frame	2	19	AW66/1	Connector, Pipe to Radiator—Perkins Powered	1
8	AW16/302	Bolt, Radiator to Frame Leyland and DAF Powered....	2	20		†Cap, Radiator Filler	
	AW16/304	Perkins Powered	2		AW201025	Leyland and DAF Powered	1
9	AW14/302	Bolt, Clip to Radiator	2		AW201109	Perkins Powered	1

† — Not Illustrated
MPM 101



RADIATOR AND PARTS (VOLVO)
(effective with serials OS176/1 and thereafter)

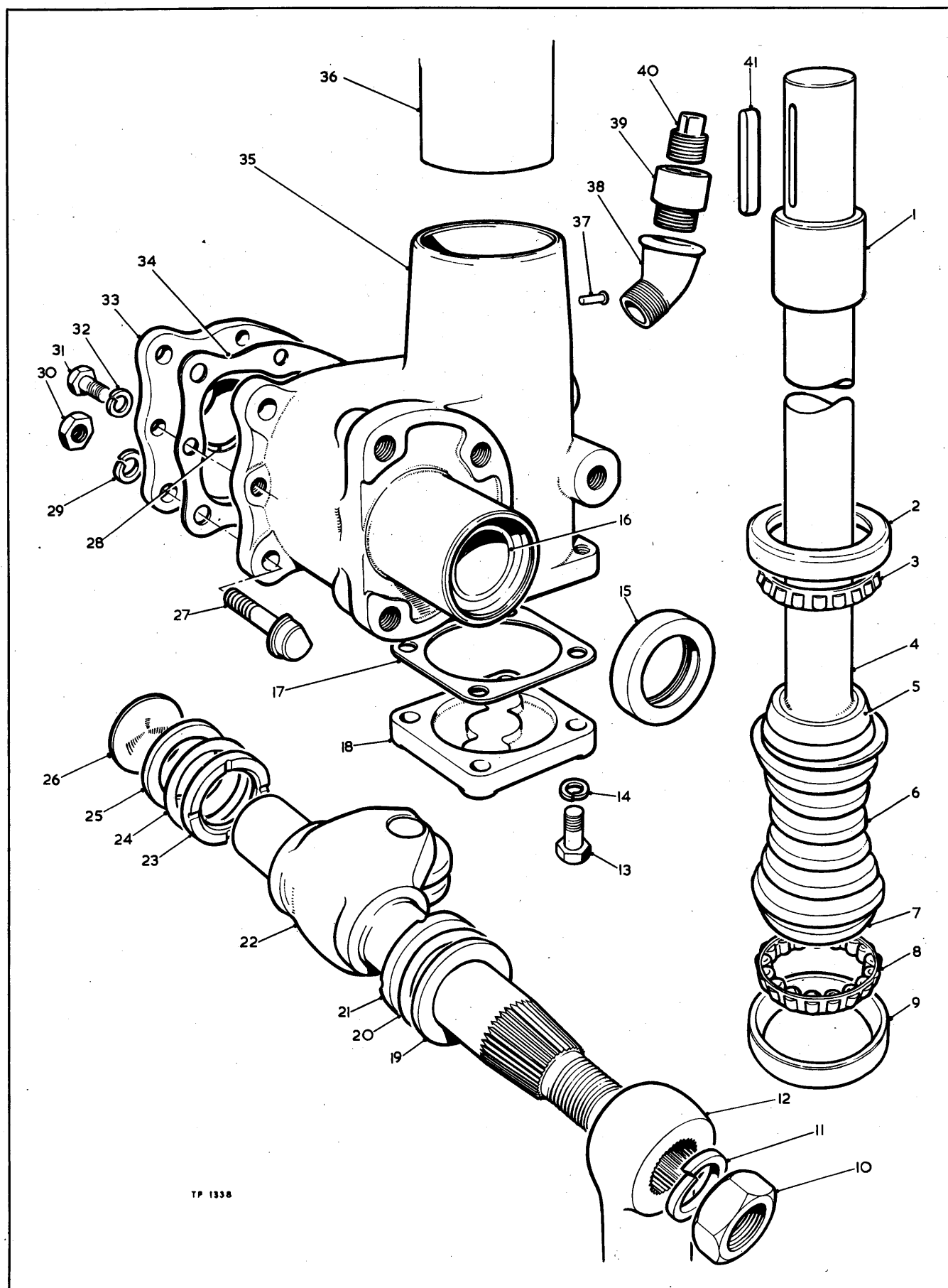
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW205732	Radiator	1	9	AW2/10	Washer, Radiator to Frame	2
2	AW53/10	Clip, Hoses	6	10	M518233	Pad, Radiator to Frame	2
3	AW201834	Hose, Radiator—Upper	1	11	AW16/302	Bolt, Radiator to Frame	2
4	AW200176	Hose, Connection, Engine Inlet	1	12	AW200044	Clip, Radiator to Grille	2
5	AW201835	Coolant Pipe	1	13	AW14/302	Bolt, Radiator to Grille	2
6	AW200176	Hose, Radiator—Lower	1	14	AW4/6	Washer, Radiator to Grille	2
7	AW200045	Drain Cock	1	15	AW6/67	Nut, Radiator to Grille	2
8	AW25/95	Nut, Radiator to Frame	2	16	AW201025	Cap, Radiator	1



RADIATOR AND PARTS (CUMMINS)

(effective with serials OS201/I and thereafter)

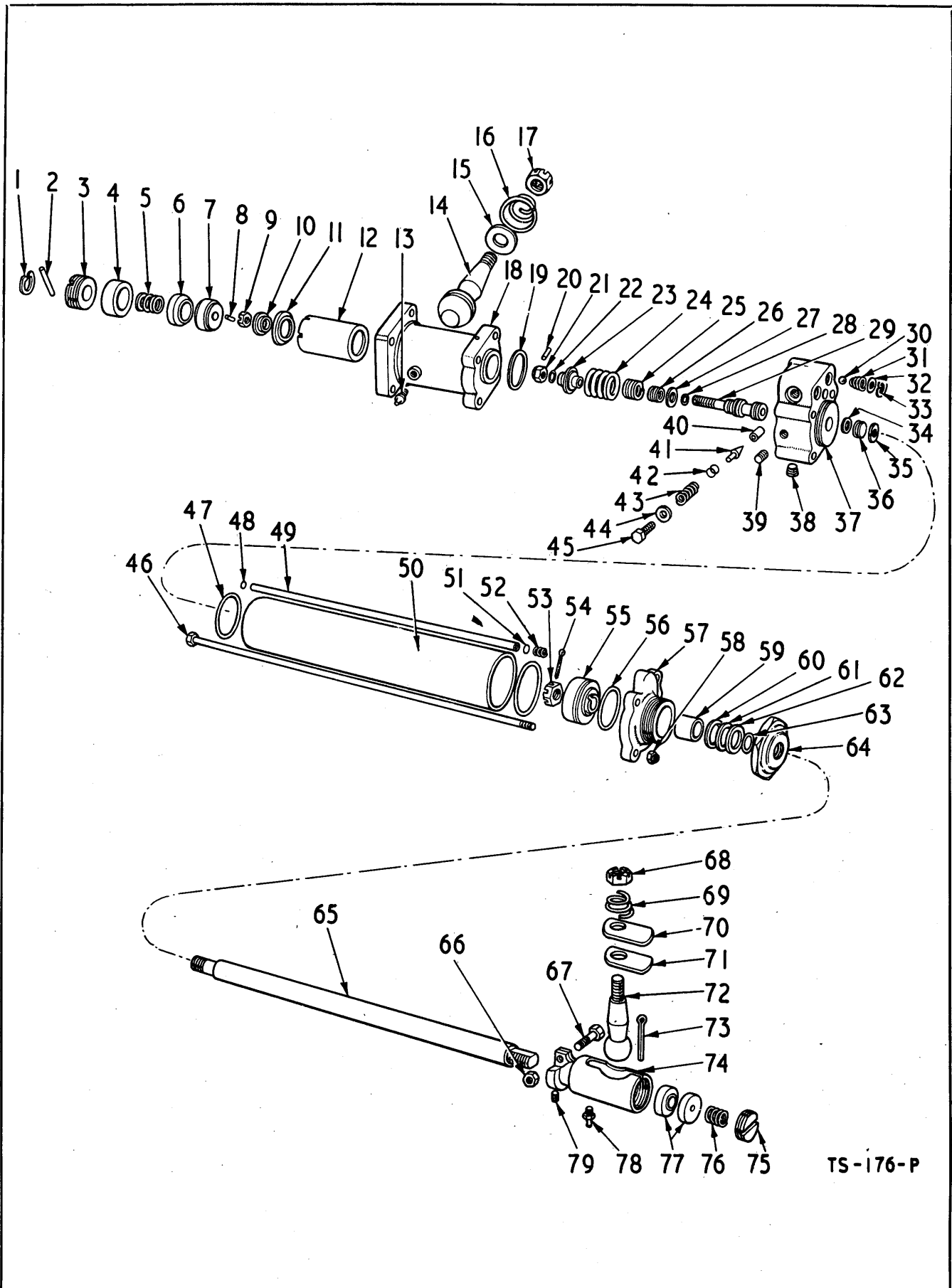
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW4/6	Springwasher, Clip to Radiator	2	12	AW53/12	Clip, Bottom Hose to Pipe	1
2	AW25/93	Nut, Nyloc, Clip to Radiator.....	2	13	AW66/10	Hose, Pipe to Radiator	1
3	AW201025	Cap, Radiator	1	14	AW53/12	Clip, Bottom Hose to Radiator	1
4	AW205318	Radiator	1	15	AW200045	Drain Cock, Radiator	1
5	AW53/11	Clip, Top Hose to Radiator	1	16	AW25/85	Nut, Nyloc, Radiator to Frame	2
6	AW66/14	Hose, Top	1	17	AW4/8	Springwasher, Radiator to Frame	2
7	AW53/11	Clip, Top Hose to Engine	1	18	M518233	Pad, Radiator to Frame.....	2
8	AW53/12	Clip, Bottom Hose to Engine.....	1	19	AW2/10	Plain Washer, Radiator to Frame	2
9	AW66/10	Hose, Bottom, Engine to Pipe ..	1	20	AW58/306	Setscrew, Radiator to Frame....	2
10	AW53/12	Clip, Bottom Hose to Pipe	1	21	AW56/304	Setscrew, Clip to Radiator	2
11	AW205362	Pipe, Cooling	1	22	AW205361	Clip, Radiator to Grille	2



STEERING GEAR ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW20021	Steering Gear Assembly (less Items 12 and 42 thru 54)	1	29	AW200822	Spring Washer, Dowel Bolt	2
1	AW200799	Flexible Bush, Column Top	1	30	AW200821	Nut, Dowel Bolt	2
2	AW200796	Outer Race, Cam	1	31	AW200816	Set Screw, Cover Plate	5
3	AW200795	Cage and Rollers, Cam Race	1	32	AW200817	Spring Washer	5
4	AW200793	Inner Column Shaft	1	33	AW200789	Cover Plate and Bush Assembly (including Item 28)	1
5	AW200797	Inner Race, Cam	1	34	AW200790	Gasket, Cover Plate	1
6	AW201423	Assembly, Inner Shaft and Cam (including Items 4 and 6A)	1	35	AW200781	Assembly—Box and Bushes	1
6A	AW200794	Cam and 2 Inner Races Assembly	1	35A	AW200788	Assembly—Box, Cover Plate and Bushes	1
7	AW200797	Inner Race, Cam	1	35B	AW201423	Assembly—Box, Cover Plate and Tube (including Items 35 and 36)	1
8	AW200795	Cage and Rollers, Cam Race	1	36	AW200798	Tube, Outer Column	1
9	AW200796	Outer Race, Cam	1	37	AW200810	Dowel, Pin, Outer Column	1
10	AW200811	Nut, Drop Arm	1	38	AW207732	Filler Neck	1
11	AW200823	Spring Washer	1	39	AW207731	Extension, Filler	1
12	AW200022	Drop Arm	1	40	AW200809	Plug, Oil Filler	1
13	AW200818	Set Screw, Bottom Cap	4	41	AW200808	Key, Steering Wheel	1
14	AW200819	Spring Washer	4	42	AW20036	†Steering Wheel	1
15	AW200804	Seal, Rocker Shaft	1	43	AW20037	†Centre Motif, Steering Wheel	1
16	AW200807	Bush, Rocker Shaft	2	44	AW13/311	†Pinch Bolt, Steering Wheel	1
17	AW200792	†Shim, Bottom Cap	1	45	AW6/66	†Nut, Pinch Bolt	1
18	AW200791	Bottom Cap	1	46	AW4/5	†Spring Washer, Pinch Bolt	1
19	AW200802	Thrust Washer, Rocker Shaft	1	47	AW20038	†Steering Ball, Drop Arm	1
20	AW200803	†Shim, Rocker Shaft	1	48	AW7/71	†Slotted Nut, Steering Ball	1
21	AW200801	Thrust Washer Rocker Shaft	1	49	AW2/112	†Plain Washer, Steering Ball	1
22	AW200800	Rocker Shaft Complete with Roller	1	50	AW5/90	†Split Pin, Steering Ball Nut	1
23	AW200801	Thrust Washer Rocker Shaft	1	51	AW16/304	†Bolt, Steering Gear to Mounting Bracket	5
24	AW200803	†Shim, Rocker Shaft	1				5
25	AW200802	Thrust Washer, Rocker Shaft	1	52	AW4/57	†Lockwasher, Steering Gear to Mounting Bracket	5
26	AW200806	Plug, Side Cover	1	53	UFS110/24R	†Set Screw, Steering Stop	2
27	AW200820	Dowel Bolt, Cover Plate	2	54	AW8/71	†Nut, Steering Stop	2
28	AW200807	Bush, Rocker Shaft	1				

† — As Required
† — Not Illustrated

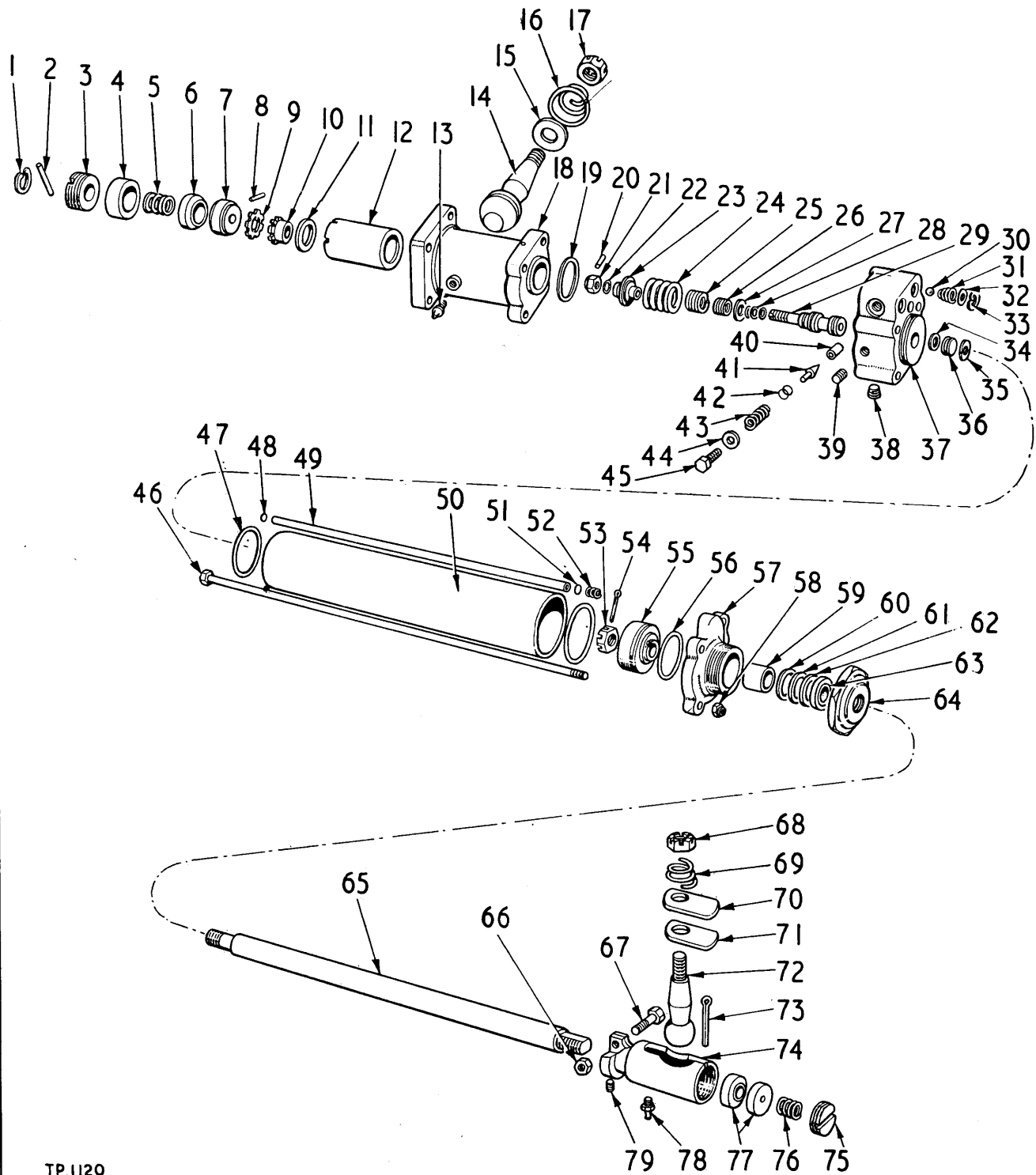


TS-176-P

STEERING BOOSTER ASSEMBLY (Model No. S23R-I20D 2Z3-I0 only)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW202647	Steering Booster Assembly	1	41	M940667	Poppet	1
1	M867580	Snap Ring	1	42	M940668	†Shim	1
2	M869021	Key	1	43	M940669	Spring	1
3	AW202808	Plug	1	44	M91F-5	Seal	1
4	M869019	Spacer	1	45	M940670	Plug	1
5	M869018	Spring	1	46	AW202818	J-Stay Bolt Sub-Assembly	4
6	M869017	Seat, Ball Stud	1	47	AW10/67	"O" Ring	2
7	M869016	Seat, Ball Stud	1	48	AW10/16	"O" Ring	1
8	M869015	Key	1	49	M869007	Tube, Oil Passage	1
9	M869014	Nut	1	50	M869005	Cylinder	1
10	M869013	Washer	1	51	AW10/16	"O" Ring	1
11	M869012	Retainer	1	52	M869008	Spring	1
12	AW202807	Sleeve	1	53	AW202649	Nut	1
13	AW32/49	Grease Fitting	1	54	AW5/92	Cotter	1
14	M868982	Ball Stud	1	55	M868996	Piston	1
15	M858291	Cover, Dust	1	56	M858251	Piston Ring	1
16	M868981	Spring	1	57	AW202806	Cap	1
17	M868980	Nut	1	58	AW202809	Nut	4
18	M869010	Retainer	1	59	M664769	Bushing—Oilite	1
19	AW10/58	"O" Ring	1	60	M858245	Male Packing	1
20	M664131	Pin, Roll	1	61	M858244	Chevron Packing	5
21	AW6/68	Nut	1	62	M858243	Female Packing	1
22	AW10/20	"O" Ring	1	63	M858241	Felt Wiper	1
23	M868984	Retainer, Spring	1	64	AW202805	Packing Nut	1
24	M940663	Spring	1	65	AW202648	Piston Rod	1
25		Omit		66	AW202810	Nut	1
26	M940664	Spring	1	67	AW202812	Screw	1
27	M868986	Washer	1	68	M868980	Nut	1
28	AW10/7	"O" Ring	1	69	M868981	Spring	1
29	M868988	Valve Spool	1	70	M869001	Shield	1
30	M12J-12	Ball	1	71	M858235	Dust Cover	1
31	M868992	Spring	1	72	M858236	Ball Stud	1
32	M868991	Washer	1	73	AW5/172	Cotter	1
33	M664138	Snap Ring	1	74	AW202650	Housing, Ball Joint	1
34	AW10/29	"O" Ring	1	75	M858302	Plug	1
35	M868993	Snap Ring	1	76	M858225	Spring	1
36	M868994	Plug	1	77	M858226	Seat, Ball Stud	2
37	AW202804	Valve Body	1	78	AW32/49	Grease Fitting	1
38	AW202814	Plug— $\frac{1}{4}$ " Pipe	3	79	AW202811	Set Screw	1
39	AW202813	Plug— $\frac{1}{8}$ " Pipe	1	80	M940671	†Repair Kit (including Items 19, 22, 28, 34, 44, 47, 48, 51 and 60 thru 63)	
40	M940666	Seat	1				

† — As Required

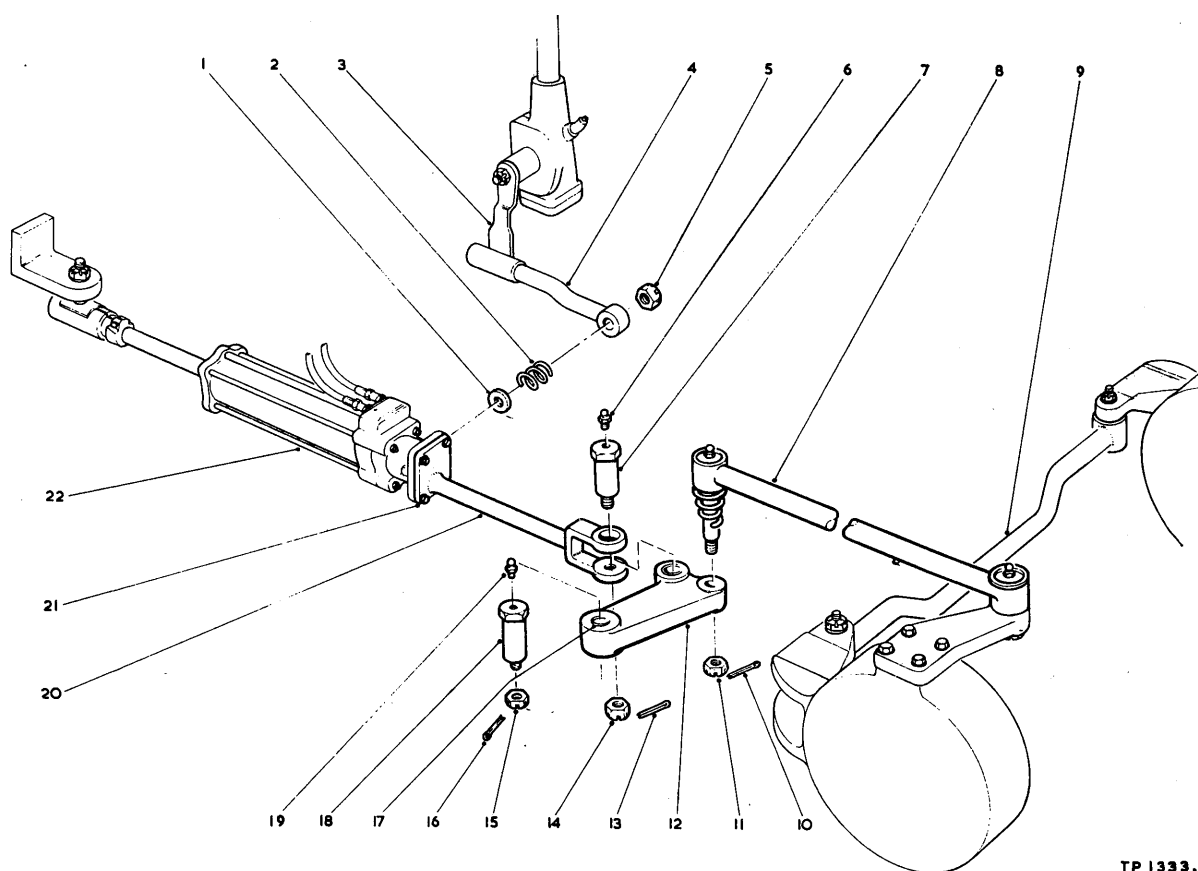


TP.1120

STEERING BOOSTER ASSEMBLY
(Model No. S23R-120D-2Z3-13 only)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW202651	Steering Booster Assembly.....	1	41	M940667	Poppet	1
1	M867580	Snap Ring	1	42	M940668	‡Shim	1
2	M869021	Key	1	43	M940669	Spring	1
3	AW202808	Plug	1	44	M91F-5	Seal	1
4	M869019	Spacer	1	45	M940670	Plug	1
5	M869018	Spring.....	1	46	AW202835	Stay Bolt.....	4
6	M869017	Seat, Ball Stud	1	47	AW10/67	"O" Ring.....	2
7	AW202828	Seat, Ball Stud	1	48	AW10/16	"O" Ring.....	1
8		Omit		49	M869007	Tube, Oil Passage	1
9	AW202830	Lockwasher	1	50	M869005	Cylinder	1
10	AW202831	Centering Nut	1	51	AW10/16	"O" Ring.....	1
11	AW202832	Washer.....	1	52	M869008	Spring	1
12	AW202807	Sleeve	1	53	AW202836	Nut	1
13	AW32/49	Grease Fitting	1	54	AW5/92	Cotter.....	1
14	M868982	Ball Stud	1	55	M868996	Piston	1
15	M858291	Cover, Dust	1	56	M858251	Piston Ring.....	1
16	M868981	Spring.....	1	57	AW202806	Cap	1
17	M868980	Nut	1	58	AW202809	Nut	4
18	M869010	Retainer	1	59	M664769	Bushing—Oilite.....	1
19	AW10/58	"O" Ring.....	1	60	M858245	Male Packing	1
20		Omit		61	M858244	Packing	5
21		Omit		62	AW202853	Female Packing	1
22	AW10/20	"O" Ring.....	1	63	AW202838	Oil Seal	1
23	M868984	Retainer, Spring	1	64	AW202839	Packing Nut	1
24	M940663	Spring	1	65	AW202840	Piston Rod.....	1
25		Omit		66	AW202810	Nut	1
26	M940664	Spring	1	67	AW202841	Screw	1
27	M868986	Washer	1	68	M868980	Nut	1
28	AW10/7	"O" Ring.....	1	69	M868981	Spring.....	1
28A	AW202833	Back-up Ring	2	70	M869001	Shield	1
29	AW202834	Valve Spool	1	71	M858235	Dust Cover	1
30	M12J-12	Ball	1	72	M858236	Ball Stud.....	1
31	M868992	Spring	1	73	AW5/172	Cotter.....	1
32	M868991	Washer	1	74	AW202842	Housing, Ball Joint	1
33	M664138	Snap Ring	1	75	M858302	Plug	1
34	AW10/29	"O" Ring.....	1	76	M858225	Spring.....	1
35	M868993	Snap Ring	1	77	M858226	Seat, Ball Stud	2
36	M868994	Plug	1	78	AW32/49	Grease Fitting	1
37	AW202804	Valve Body	1	79		Omit	
38	AW202814	Plug— $\frac{1}{4}$ " Pipe.....	3	80	AW202843	‡Repair Kit (including Items 19, 22, 28, 34, 44, 47, 48, 51 and 60 thru 63)	
39	AW202813	Plug— $\frac{1}{8}$ " Pipe.....	1				
40	M940666	Seat	1				

‡ — As Required

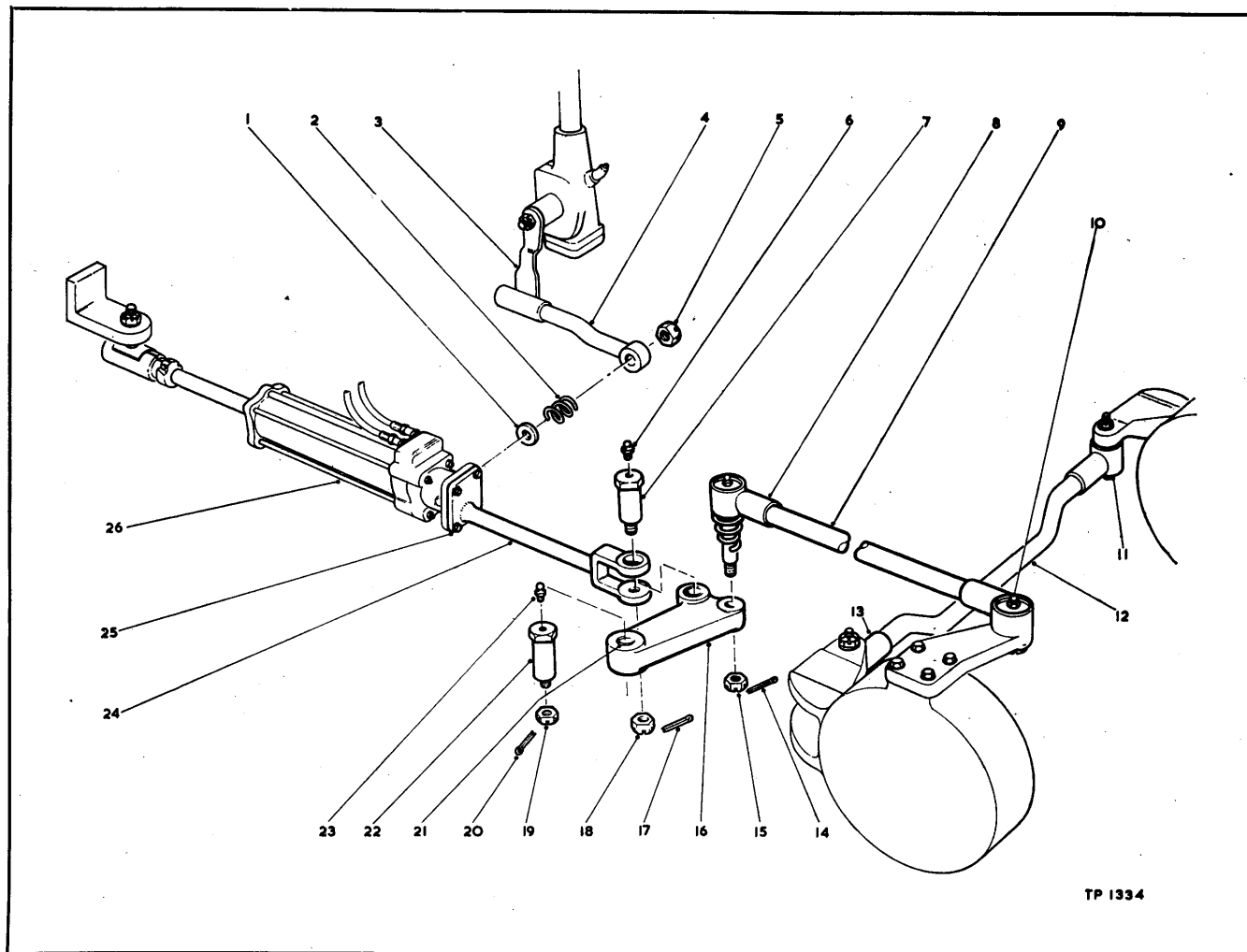


TP 1333.

STEERING LINKAGE—BOOSTER TO AXLE

(I Piece Tie Rod and Push Rod)

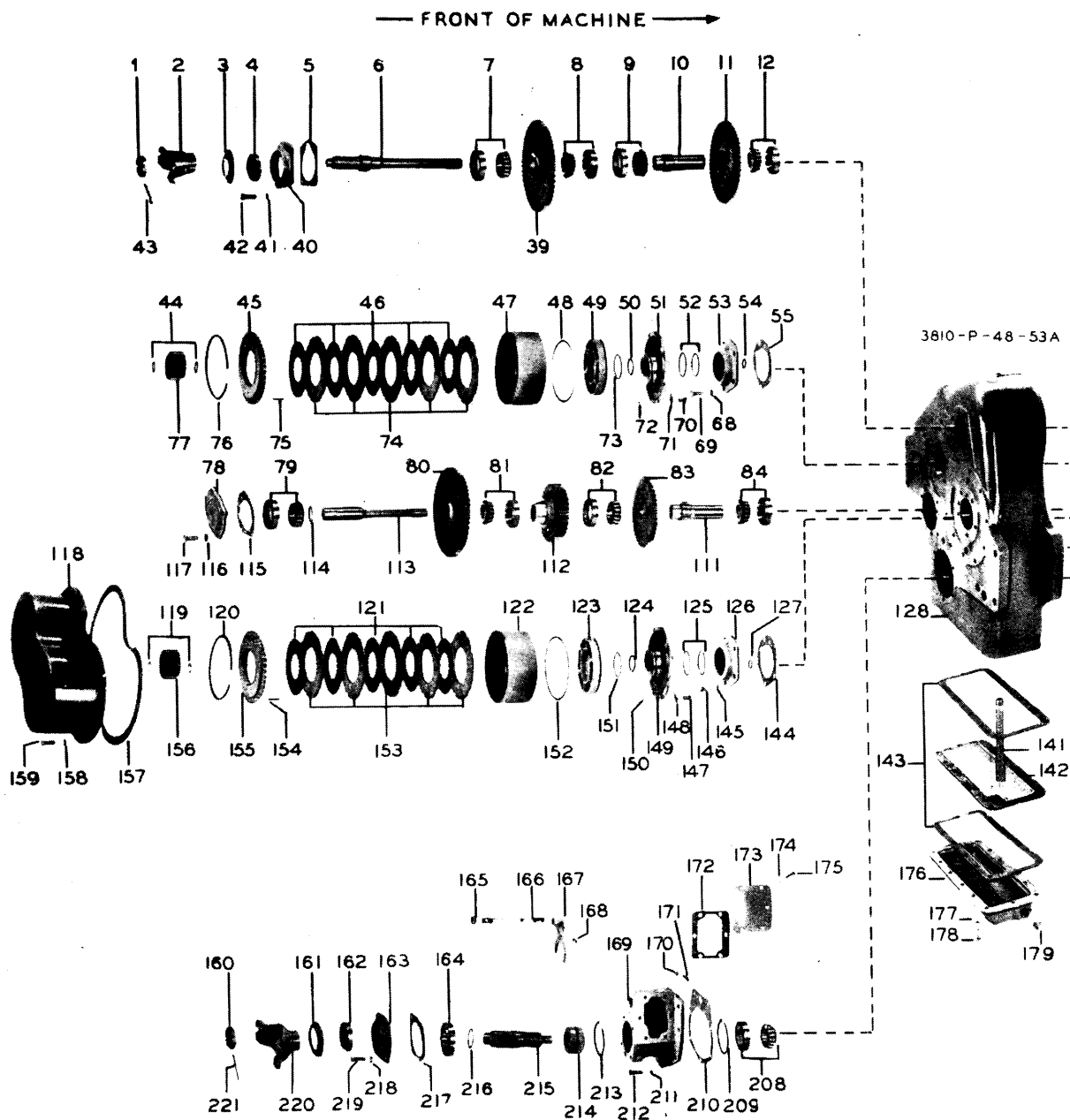
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	M858291	Cover, Dust—Drag Link to Booster	1	12	M550600	Bell Crank Assembly (including Items 12A & 17)	1
2	M868981	Spring, Drag Link to Booster	1	12A	M550187	Bell Crank	1
3		Drop Arm (see Steering Gear)		13	AW5/92	Split Pin	1
4		Drag Link (see Index)		14	M617863	Nut	1
5	M868980	Nut, Drag Link to Booster	1	15	M617863	Nut	1
6	AW32/49	Fitting, Grease	1	16	AW5/92	Split Pin	1
7	M550602	Pin, Push Rod	1	17	M550601	Bushing, Bell Crank	2
8		Push Rod Assembly (1 Piece Nylon), Bell Crank to Axle (see Index)	1	18	M550602	Pin, Bell Crank to Frame	1
9		Tie Rod Assembly (1 Piece Nylon) (see Index)	1	19	AW42/49	Fitting, Grease	1
10	AW5/93	Split Pin	2	20	M550597	Push Rod, Booster to Bell Crank	1
11	AW7/72	Nut	2	21	AW16/306	Bolt, Push Rod to Booster	4
				21A	AW4/8	Lockwasher	4
				21B	AW6/69	Nut	4
				22		Booster, Steering (see Index) ..	



STEERING LINKAGE—BOOSTER TO AXLE (3 Piece Tie Rod and Push Rod)

Item No.	Part No.	Description	No. Req'd.
1	M858291	Cover, Dust—Drag Link to Booster	1
2	M868981	Spring, Drag Link to Booster.....	1
3		Drop Arm (see Steering Gear)	
4		Drag Link (see Index)	
5	M868980	Nut, Drag Link to Booster.....	1
6	AW32/49	Fitting, Grease	1
7	M550602	Pin, Push Rod	1
8		Tie Rod End Assembly (see Index)	2
9	M550604	Tie Rod, Bell Crank to Axle.....	1
10	AW32/71	Fitting, Grease	2
11	AW32/71	Fitting, Grease	2
12	MI06108	Tie Rod Assembly (including Items 12A and 13)	1
12A	MI06109	Tie Rod.....	1
13		Tie Rod End Assembly (see Index)	2

Item No.	Part No.	Description	No. Req'd.
14	AW5/93	Split Pin	1
15	AW7/72	Nut	1
16	M550600	Bell Crank Assembly (including Items 16 and 21)	1
16A	M550187	Bell Crank	1
17	AW5/92	Split Pin	1
18	M617863	Nut	1
19	M617863	Nut	1
20	AW5/92	Split Pin	1
21	M550601	Bushing, Bell Crank	2
22	M550602	Pin, Push Rod	1
23	AW32/49	Fitting, Grease	1
24	M550597	Push Rod, Booster to Bell Crank	1
25	AW16/306	Bolt, Push Rod to Booster	4
25A	AW4/8	Lockwasher	4
25B	AW6/69	Nut	4
26		Booster, Steering (see Index)	



TRANSMISSION

**TRANSMISSION ASSEMBLY AGB52 & AGB58
(T-75A-3)**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		Transmission Assembly— T-75A-3 (inc. 1 thru 234)		34C	M619023	†Washer, Clutch Drum Balance	4
AGB52		With Output Flanges Tapped (see items 186 & 220)	1	35	M100284	Bolt, Drum to Hub	8
AGB.58		With Output Flanges Drilled (see items 186 & 220)	1	36	UCS107/9R	Bolt, Bearing Cap	4
1	M201951	Nut, Flange	1	37	AW4/7	Lockwasher, Bearing Cap	4
2	M209343	Input Flange and Deflector Assembly (including Item 3)	1	38	M208782	"O" Ring, Bearing Cap	1
3	M100949	Deflector, Input Flange	1	39	M209377	Gear, Input Shaft Reverse (43T)	1
4	M206864	Oil Seal, Input Shaft	1	40	M209339	Cap, Input Shaft Bearing	1
5	M209340	‡Shim, Bearing Cap (.004)	1	41	AW4/7	Lockwasher, Bearing Cap	4
5A	M209341	‡Shim, Bearing Cap (.007)	1	42	UCS107/9R	Bolt, Bearing Cap	4
5B	M209342	‡Shim, Bearing Cap (.010)	1	43	AW5/93	Cotter, Flange Nut	1
6	M220542	Shaft, Input	1	44	MSK251-63	Ring, Disc Hub Retainer	2
7	M675544	Cup, Input Shaft Bearing	1	45	M208760	Plate, Clutch Disc End	1
7A	M675547	Cone, Input Shaft Bearing	1	46	M209928	Disc, Clutch Inner	5
8	M675544	Cup, Input Shaft Bearing	1	47	M209385	Drum, Clutch	1
8A	M675547	Cone, Input Shaft Bearing	1	48	M208776	Ring, Piston Outer Sealing	1
8B	MSK250-30	Locating Ring, Bearing	1	49	M208775	Piston, Clutch	1
9	M675544	Cup, Quill Shaft Bearing	1	50	MSK251-92	Ring, Hub Retainer	1
9A	M675548	Cone, Quill Shaft Bearing	1	51		§Clutch Drum and Hub Assembly (see Item 224)	1
9B	MSK250-30	Locating Ring, Bearing	1	52	M209387	Ring, Hub Oil Sealing	1
10	M209368	Shaft, Quill	1	53	M209391	Cap, Clutch Bearing	1
11	M209369	Gear, Input Shaft Forward (45T)	1	54	M208782	"O" Ring, Bearing Cap	1
12	M675544	Cup, Quill Shaft Bearing	1	55	M209392	‡Shim, Clutch Bearing Cap	1
12A	M675548	Cone, Quill Shaft Bearing	1	55A	M209393	‡Shim, Clutch Bearing Cap	1
13	M221401	Gasket, Cover	1	55B	M209394	‡Shim, Clutch Bearing Cap	1
14	M209392	‡Shim, Clutch Bearing Cap (.004)	1	55C	M221208	‡Shim, Clutch Bearing Cap	1
14A	M209393	‡Shim, Clutch Bearing Cap (.007)	1	56	M675544	Cup, 1st—3rd Shaft Bearing	1
14B	M209394	‡Shim, Clutch Bearing Cap (.010)	1	56A	M675548	Cone, 1st—3rd Shaft Bearing	1
14C	M221208	‡Shim, Clutch Bearing Cap (.020)	1	57	M209368	Shaft, Quill	1
15	M209391	Cap, Clutch Bearing	1	58	M675544	Cup, 1st—3rd Shaft Bearing	1
16	M209387	Ring, Hub Oil Sealing	2	58A	M675548	Cone, 1st—3rd Shaft Bearing	1
17		§Clutch Drum and Hub Assembly (see Item 224)	1	58B	MSK250-30	Locating Ring and Bearing	1
18	MSK251-92	Ring, Hub Retainer	1	59	M675544	Cup, 1st—3rd Shaft Bearing	1
19	M208775	Piston, Clutch	1	59A	M675547	Cone, 1st—3rd Shaft Bearing	1
20	M209385	Drum, Clutch	1	59B	MSK250-30	Locating Ring, Bearing	1
21	M208773	Disc, Clutch Outer	5	60	M675544	Cup, 1st—3rd Shaft Bearing	1
22	M208760	Plate, Clutch Disc End	1	60A	M675547	Cone, 1st—3rd Shaft Bearing	1
23	MSK250-91	Ring, End Plate Retainer	1	61	M209364	Cap, 1st—3rd Shaft Bearing	1
24	M220539	Hub, Clutch Disc	1	62	UCS107/9R	Bolt, Bearing Cap	4
25	M209358	Clutch Cover Assembly	1	63	AW4/7	Lockwasher, Bearing Cap	4
26	UCS106/7R	Bolt, Cover	10	64	M209365	‡Shim, Bearing Cap (.004)	1
27	AW4/6	Lockwasher, Cover	10	64A	M209366	‡Shim, Bearing Cap (.007)	1
28	MSK251-63	Ring, Disc Hub Retainer	2	64B	M209367	‡Shim, Bearing Cap (.010)	1
29	M209709	Spring, Clutch Release	10	65	M209375	Gear, 1st—3rd Drop (44T)	1
30	M209928	Disc, Clutch Inner	5	66	M220541	Shaft, 1st—3rd Drive	1
31	M208776	Ring, Piston Outer Sealing	1	67	M209374	Gear, 1st—3rd Drive (29T)	1
32	M208777	Ring, Piston Inner Sealing	1	68	AW4/7	Lockwasher, Bearing Cap	4
33	M209932	Pin, Relief	1	69	USC107/9R	Bolt, Bearing Cap	4
34	M209389	Spring, Relief	1	70	M100284	Bolt, Drum to Hub	8
34A	M209937	†Washer, Relief Spring	1	71	M209389	Spring, Relief	1
34B	M220678	†Guard, Relief Spring	1	71A	M209937	†Washer, Relief Spring	1
				71B	M220678	†Guard, Relief Spring	1
				71C	M619023	†Washer, Clutch Drum Balance	4
				72	M209932	Pin, Relief	1
				73	M208777	Ring, Piston Inner Sealing	1
				74	M208773	Disc, Clutch Outer	5

‡ — As Required
§ — Not Sold Separately
† — Not Illustrated

TRANSMISSION ASSEMBLY—(continued)

Item No.	Part No.	Description	No. Req'd.
75	M209709	Spring, Clutch Release.....	10
76	MSK250-91	Ring, End Plate Retainer.....	1
77	M220539	Hub, Clutch Disc.....	1
78	M209416	Cap, 2nd—4th Shaft Bearing.....	1
79	M675542	Cup, 2nd—4th Shaft Bearing.....	1
79A	M675545	Cone, 2nd—4th Shaft Bearing.....	1
80	M209421	Gear, 2nd—4th High (57T).....	1
81	M675542	Cup, 2nd—4th Shaft Bearing.....	1
81A	M675546	Cone, 2nd—4th Shaft Bearing.....	1
81B	MSK250-100	Locating Ring, Bearing.....	1
82	M675544	Cup, 2nd—4th Shaft Bearing.....	1
82A	M675548	Cone, 2nd—4th Shaft Bearing.....	1
83	M209369	Gear, 2nd—4th Drive (43T).....	1
84	M675544	Cup, 2nd—4th Shaft Bearing.....	1
84A	M675548	Cone, 2nd—4th Shaft Bearing.....	1
85	M221401	Gasket, Cover.....	1
86	M208782	"O" Ring, Bearing Cap.....	1
87	M209391	Cap, Clutch Bearing.....	1
88	M209387	Ring, Hub Oil Sealing.....	2
89		§Clutch Drum and Hub Assembly (see Item 224).....	1
90	MSK251-92	Ring, Hub Retainer.....	1
91	M208775	Piston, Clutch.....	1
92	M209385	Drum, Clutch.....	1
93	M208773	Disc, Clutch Outer.....	5
94	M208760	Plate, Clutch Disc End.....	1
95	MSK251-63	Ring, Disc Hub Retainer.....	2
96	M209358	Clutch Cover Assembly.....	1
97	UCS106/7R	Bolt, Cover.....	4
98	AW4/6	Lockwasher, Cover.....	4
99	M220539	Hub, Clutch Disc.....	1
100	MSK250-91	Ring, End Plate Retainer.....	1
101	M209709	Spring, Clutch Release.....	10
102	M209928	Disc, Clutch Inner.....	5
103	M208776	Ring, Piston Outer Sealing.....	1
104	M208777	Ring, Piston Inner Sealing.....	1
105	M209932	Pin, Relief.....	1
106	M209389	Spring, Relief.....	1
106A	M209937	†Washer, Relief Spring.....	1
106B	M220678	†Guard, Relief Spring.....	1
106C	M619023	†Washer, Clutch Drum Balance.....	4
107	M100284	Bolt, Drum to Hub.....	8
108	UCS107/9R	Bolt, Bearing Cap.....	4
109	AW4/7	Lockwasher, Bearing Cap.....	4
110	M209392	‡Shim, Clutch Bearing Cap (.004).....	1
110A	M209393	‡Shim, Clutch Bearing Cap (.007).....	1
110B	M209394	‡Shim, Clutch Bearing Cap (.010).....	1
110C	M221208	‡Shim, Clutch Bearing Cap (.020).....	1
111	M209368	Shaft, Quill.....	1
112	M220395	Gear, 2nd—4th Shaft (32T).....	1
113	M220543	Shaft, 2nd—4th Drive.....	1
114	MSK251-26	Ring, 2nd—4th Gear Locating.....	1
115	M209417	‡Shim, Bearing Cap (.004).....	1
115A	M209418	‡Shim, Bearing Cap (.007).....	1
115B	M209419	‡Shim, Bearing Cap (.010).....	1

Item No.	Part No.	Description	No. Req'd.
116	AW4/7	Lockwasher, Bearing Cap.....	4
117	UCS107/9R	Bolt, Bearing Cap.....	4
118	M209357	Clutch Cover Assembly.....	1
119	MSK251-63	Ring, Disc Cover Retainer.....	2
120	MSK250-91	Ring, End Plate Retainer.....	1
121	M209928	Disc, Clutch Inner.....	5
122	M209385	Drum, Clutch.....	1
123	M208775	Piston, Clutch.....	1
124	MSK251-92	Ring, Hub Retainer.....	1
125	M209387	Ring, Hub Oil Sealing.....	2
126	M209391	Cap, Clutch Bearing.....	1
127	M208782	"O" Ring, Bearing Cap.....	1
128		§Transmission Case Assembly (see Item 222).....	1
129	M675544	Cup, Reverse Shaft Bearing.....	1
129A	M675548	Cone, Reverse Shaft Bearing.....	1
130	M675544	Cup, Reverse Shaft Bearing.....	1
130A	M675548	Cone, Reverse Shaft Bearing.....	1
130B	MSK250-30	†Locating Ring, Bearing.....	1
131	M675544	Cup, Reverse Shaft Bearing.....	1
131A	M675547	Cone, Reverse Shaft Bearing.....	1
131B	MSK250-30	†Locating Ring, Bearing.....	1
132	M675544	Cup, Reverse Shaft Bearing.....	1
132A	M675547	Cone, Reverse Shaft Bearing.....	1
133	M209364	Cap, Reverse Shaft Bearing.....	1
134	UCS107/9R	Bolt, Bearing Cap.....	4
135	AW4/7	Lockwasher, Bearing Cap.....	4
136	M209365	‡Shim, Bearing Cap (.004).....	1
136A	M209366	‡Shim, Bearing Cap (.007).....	1
136B	M209367	‡Shim, Bearing Cap (.010).....	1
137	M209372	Gear, Reverse Idler (52T).....	1
138	M220541	Shaft, Reverse Drive.....	1
139	M209371	Gear, Reverse Drive (54T).....	1
140	M209368	Shaft, Quill.....	1
141	M220673	Pipe, Sump Intake.....	1
142	M220669	Oil Screen and Frame Assembly.....	1
142A	M525293	Magnet, Oil Sump Screen.....	1
142B	M223780	Retaining Spring, Magnet.....	1
143	M209353	Gasket, Sump Cover.....	2
144	M209392	‡Shim, Clutch Bearing Cap (.004).....	1
144A	M209393	‡Shim, Clutch Bearing Cap (.007).....	1
144B	M209394	‡Shim, Clutch Bearing Cap (.010).....	1
144C	M221208	‡Shim, Clutch Bearing Cap (.020).....	1
145	AW4/7	Lockwasher, Bearing Cap.....	4
146	UCS107/9R	Bolt, Bearing Cap.....	4
147	M100284	Bolt, Drum to Hub.....	8
148	M209389	Spring, Relief.....	1
148A	M209937	†Washer, Relief Spring.....	1
148B	M220678	†Guard, Relief Spring.....	1
148C	M619023	†Washer, Clutch Drum Balance.....	4
149		§Clutch Drum and Hub Assembly (see Item 244).....	1
150	M209932	Pin, Relief.....	1
151	M208777	Ring, Piston Inner Sealing.....	1
152	M208776	Ring, Piston Outer Sealing.....	1
153	M208773	Disc, Clutch Outer.....	5
154	M209709	Spring, Clutch Release.....	10

§ — Not Sold Separately

† — Not Illustrated

‡ — As Required

TRANSMISSION ASSEMBLY—(continued)

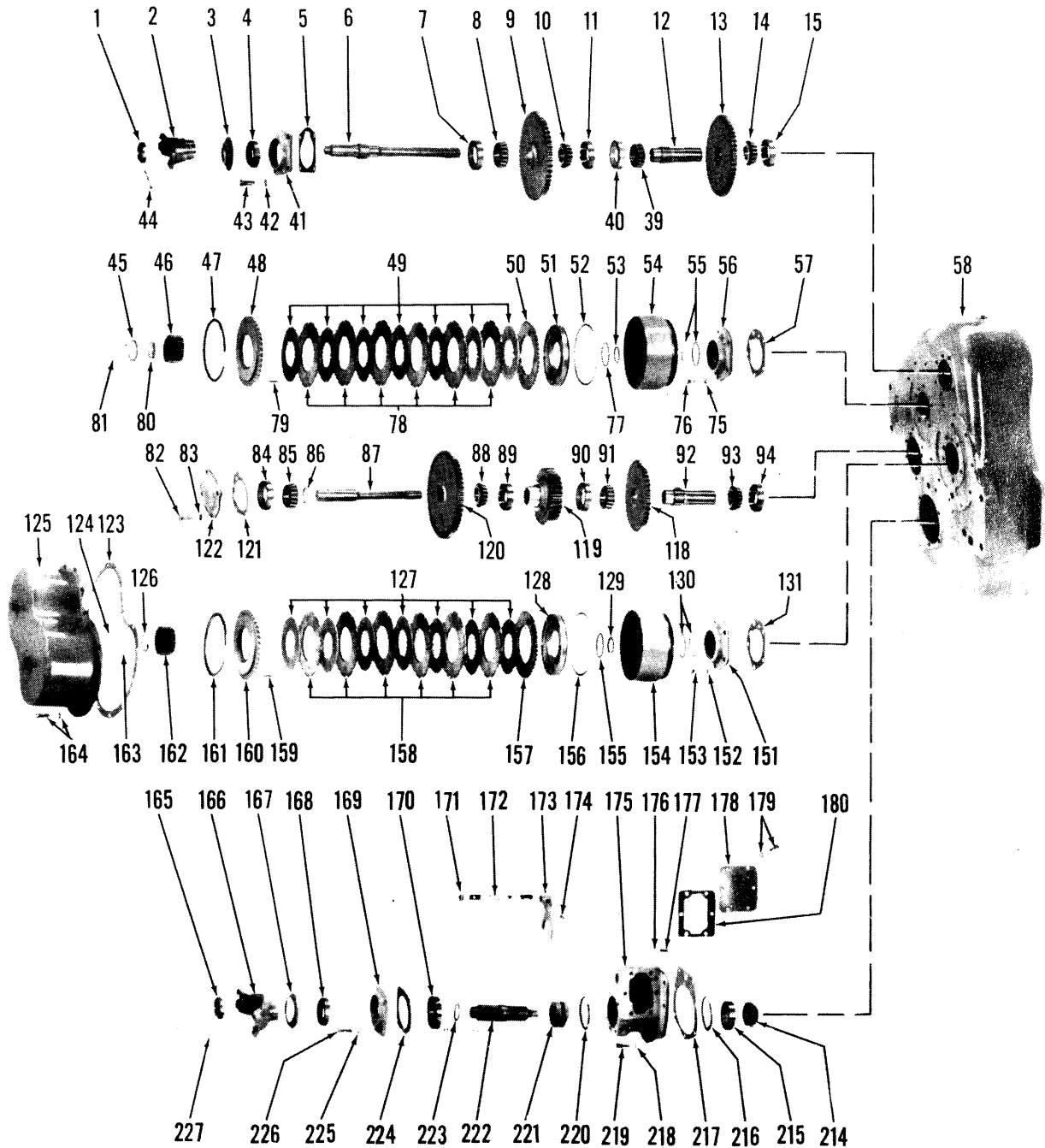
Item No.	Part No.	Description	No. Req'd.
155	M208760	Plate, Clutch Disc End.....	1
156	M220539	Hub, Clutch Disc.....	1
157	M209370	Gasket, Cover.....	1
158	AW4/6	Lockwasher, Cover.....	16
159	UCS106/7R	Bolt, Cover.....	16
160	M205928	Nut, Flange.....	1
161	M100949	Deflector, Output Flange.....	1
162	M206864	Oil Seal, Output Shaft.....	1
163	M209428	Cap, Rear Output Bearing.....	1
164	M209	Bearing, Output Shaft.....	1
165	M209435	Oil Seal, Shift Shaft.....	1
166	M209434	Shift Rail, 2 and 4-Wheel Drive.....	1
167	M209433	Shift Fork, 2 and 4-Wheel Drive.....	1
168	M201566	Screw, Shift Fork.....	1
169	M209430	Housing, Rear Output Shaft.....	1
170	10J-12	Ball, Mesh Lock.....	1
171	M201844	Spring, Mesh Lock.....	1
172	M209432	Gasket, Cover Plate.....	1
173	M209431	Plate, Rear Housing Cover.....	1
174	AW4/6	Lockwasher, Cover Plate.....	6
175	UCS106/6R	Bolt, Cover Plate.....	6
176	M209352	Sump Cover.....	1
177	AW4/6	Lockwasher, Sump Cover.....	14
178	UCS106/8R	Bolt, Sump Cover.....	14
179	M13F-12	Drain Plug (Magnetic).....	1
180	M209396	High Gear and Bushing Assembly (29T).....	1
180A	M209398	†Bushings, High Gear (29T).....	1
181	M209423	Output Shaft and Bushing Assembly.....	1
181A	M209425	†Bushings, Output Shaft.....	1
182	M209399	Low Gear and Bushing Assembly (55T).....	1
182A	M209402	†Bushings, Low Gear (55T).....	1
183	M675544	Cup, Output Shaft Bearing.....	1
183A	M675548	Cone, Output Shaft Bearing.....	1
184	M209692	Cap, Output Shaft Bearing.....	1
185	M206864	Oil Seal, Output Shaft.....	1
186		Output Flange and Deflector Assembly (including Item 200).....	1
	M209415	Tapped Holes, for AGB52 only.....	1
	AW200954	Drilled Holes, for AGB58 only.....	1
187	M209403	Fork, High and Low Shift.....	1
188	M209406	Gasket, High and Low Support.....	1
189	M209405	Support, High and Low Shift Shaft.....	1
190	AW4/6	Lockwasher, Support.....	4
191	UCS106/8R	Bolt, Support.....	4
192	M209404	Shaft, High and Low Shift.....	1
193	M208871	Oil Seal, Support.....	1
194	M10J-12	Ball, Mesh Lock (Support).....	1
195	M13F-04	Plug, Mesh Lock (Support).....	1
196	M201844	Spring, Mesh Lock (Support).....	1
197	M201566	Lockscrew, Shift Fork.....	1
198	AW5/92	Cotter, Flange Nut.....	1
199	M205928	Nut, Flange.....	1
200	M100949	Deflector, Flange.....	1
201	UCS107/9R	Bolt, Output Shaft Bearing Cap.....	4

† — Not Illustrated
‡ — As Required

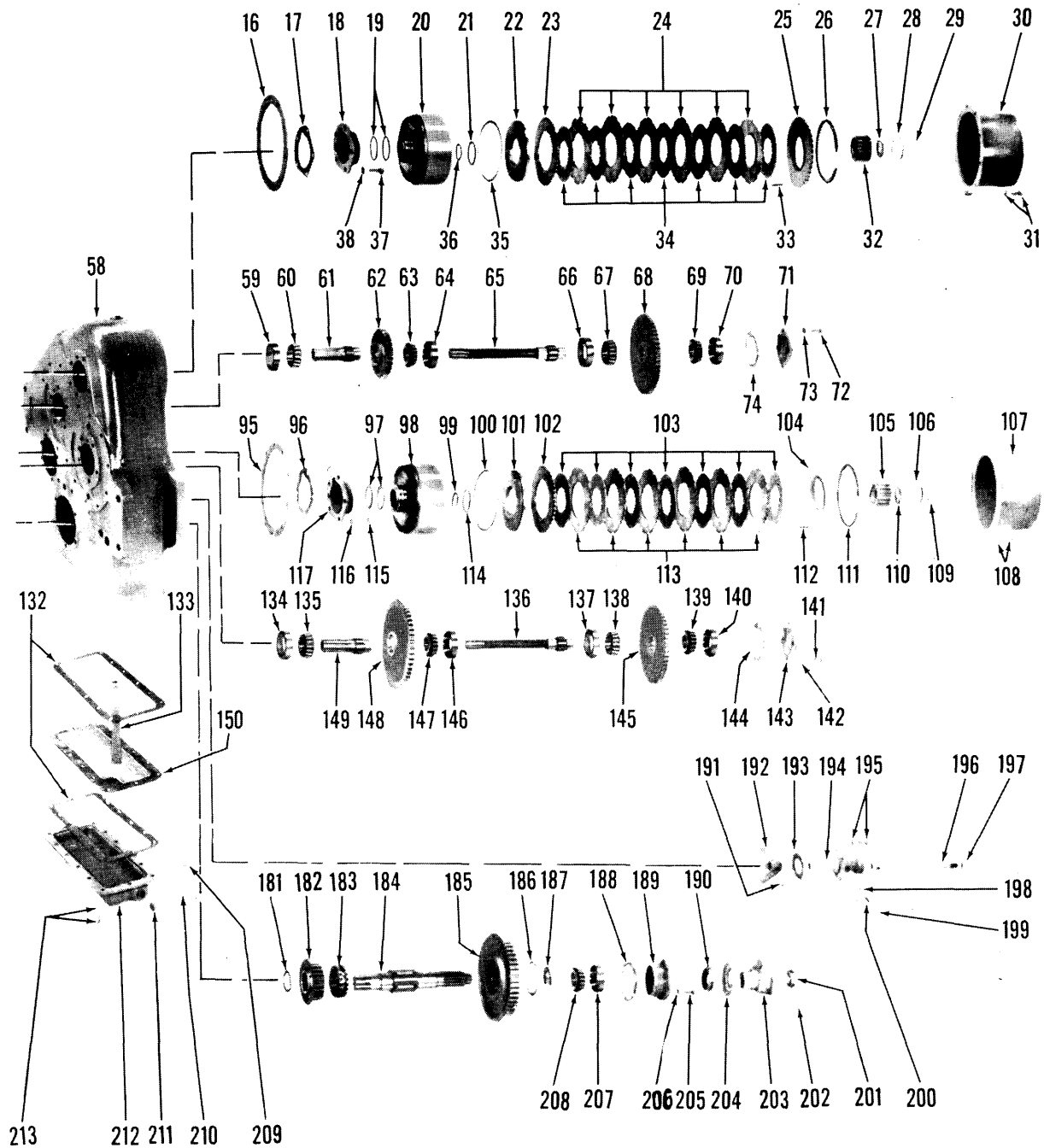
Item No.	Part No.	Description	No. Req'd.
202	AW4/7	Lockwasher, Output shaft Bearing Cap.....	4
203	M209701	†Shim, Bearing Cap (.004).....	1
203A	M209702	†Shim, Bearing Cap (.007).....	1
203B	M209703	†Shim, Bearing Cap (.010).....	1
204	M209407	Thrust Washer, Output Gear.....	1
205	M209673	Oil Ring, Low Gear.....	1
206	M209409	Hub, High & Low Shift.....	1
207	M209407	Thrust Washer, Output Gear.....	1
208	M675544	Cup, Output Shaft Bearing.....	1
208A	M675548	Cone, Output Shaft Bearing.....	1
209	MSK250-30	Retainer Ring, Output Shaft Bearing.....	1
210	M209411	Shim, Rear Output Shaft Housing.....	1
211	AW4/7	Lockwasher, Rear Housing.....	7
212	UCB107/10R	Bolt, Rear Housing.....	7
213	MSK251-64	Locating Ring, Output Shaft Bearing.....	1
214	M209427	Shift Hub, Rear Output Shaft.....	1
215	M209426	Shaft, Rear Output.....	1
216	MSK250-74	Ring, Rear Output Shaft Locating.....	1
217	M209429	Gasket, Bearing Cap.....	1
218	AW4/7	Lockwasher, Bearing Cap.....	4
219	UCS107/9R	Bolt, Bearing Cap.....	4
220		Flange and Deflector Assembly (including Item 161).....	1
	M209415	Tapped Holes, for AGB52 only.....	1
	AW200954	Drilled Holes, for AGB58 only.....	1
221	AW5/92	Cotter, Output Flange Nut.....	1
222	M800815	Transmission Case Assembly (including Items 128, 141, 142, 143, 176, 177, 178, 179, 226 and 227).....	1
223		Omit.....	1
224	M800648	Clutch Hub and Ring Assembly (including Items 16 and 17).....	1
225	M800656	Low Gear and Oil Ring Assembly (including Items 182 and 205).....	1
226	M19F-8	†Reducing Bushing $\frac{3}{8} \times \frac{3}{4}$	1
227	M356626	†Reducing Bushing $1 \times 1\frac{1}{4}$	1
234	M13F-12	†Oil Level Plug ($\frac{3}{4}$ " square projecting).....	1

TRANSMISSION MOUNTING PARTS

Item No.	Part No.	Description	No. Req'd.
235	M550572	†Trans. Mtg. Bracket Assembly (R.H.).....	1
236	M550576	†Trans. Mtg. Bracket Assembly (L.H.).....	1
237	AW203870	†Trans. Mtg. Pad.....	2
238	AW46/508	†Bolt, Mtg. Bracket to Frame.....	4
239	AW7/149	†Nut, Mtg. Bracket to Frame.....	8
239A	AW5/62	†Split Pin.....	4
240	AW18/10	†Bolt, Mtg. Bracket to Trans.....	8
241	AW6/71	†Nut, Mtg. Bracket to Trans.....	8
242	AW4/10	†Lockwasher, Mtg. Bracket to Trans.....	8
243	AW2/110	†Washer.....	4



TS-1617



TS-1617

**TRANSMISSION ASSEMBLY (AGB.9 & AGB9A)
(R-300FS-3)**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		Transmission Assy.—R-300FS-3 (inc. 1 thru 227)		38	AW4/7	Lockwasher, Bearing Cap	4
AGB9		With Output Flanges Tapped (see items 166 & 203).....	1	39	M675548	Cone, Quill Shaft Bearing	1
AGB9A		With Output Flanges Drilled (see items 166 & 203).....	1	40	M675544	Cup, Quill Shaft Bearing	1
1	M201951	Nut, Input Flange	1	40A	M223881	†Ring, Bearing Locating	1
2	M209343	Flange Assy. Input (inc. 3)	1	41	M209339	Cap, Input Shaft Bearing	1
3	M100949	Deflector, Input Flange	1	42	AW4/7	Lockwasher, Bearing Cap	4
4	M206864	Seal, Input Shaft Oil	1	43	UCS107/9R	Bolt, Bearing Cap	4
5	M209340	†Shim, Bearing Cap—.004"	1	44	AW5/92	Cotter, Flange Nut	1
5A	M209341	†Shim, Bearing Cap—.007"	1	45	M223867	Ring, Hub Washer Locating	1
5B	M209342	†Shim, Bearing Cap—.010"	1	46	M220398	Hub, Clutch Disc	1
6	M220390	Shaft, Input	1	47	M223942	Ring, End Plate Retaining	1
7	M675544	Cup, Input Shaft Bearing	1	48	M208760	Plate, Clutch Disc End	1
8	M675547	Cone, Input Shaft Bearing	1	49	M209928	Disc, Clutch Inner	7
9	M209377	Gear, Input Shaft Reverse (45T)	1	50	M221998	Disc, Clutch Outer	1
10	M675547	Cone, Input Shaft Bearing	1	51	M221996	Piston, Clutch	1
11	M675544	Cup, Input Shaft Bearing	1	52	M208776	Ring, Piston Outer Sealing	1
11A	M223881	†Ring, Bearing, Locating	1	53	M224106	Ring, Drum Hub Retaining	1
12	M220389	Shaft, Forward Gear Quill	1	54	M222409	Drum Assy. Clutch (inc. 54A, 54B)	1
13	M209369	Gear, Input Shaft Forward (43T)	1	54A	M222407	†Housing, Bleed Valve	1
14	M731321	Cone, Quill Shaft Bearing	1	54B	M101-16	†Ball, Bleed Valve	1
15	M731319	Cup, Quill Shaft Bearing	1	54C	M209389	*†Spring, Pressure Relief	1
16	M221401	Gasket, Clutch Cover	1	54D	M209932	*†Pin, Pressure Relief	1
17	M220471	†Shim, Bearing Cap—.004"	1	54E	M220678	*†Guard, Pressure Relief Spring	1
17A	M220472	†Shim, Bearing Cap—.007"	1	54F	M619023	*†Washer, Clutch Drum Balance	4
17B	M220473	†Shim, Bearing Cap—.010"	1	54G	M209937	*†Washer, Pressure Relief Spring	1
17C	M221209	†Shim, Bearing Cap—.020"	1	54H		*†§ Hub, Clutch Drum—(see 54)	1
18	M220469	Cap, Clutch Bearing	1	54J	M100284	*†Bolt, Drum to Hub	8
19	M209387	Ring, Clutch Drum Sealing	1	55	M209387	Ring, Drum Hub Sealing	2
20	M222409	Drum Assy. Clutch (Inc. 20A, 20B)	1	56	M220469	Cap, Clutch Bearing	2
20A	M222407	†Housing, Bleed Valve	1	57	M220471	†Shim, Bearing Cap—.004"	1
20B	M101-06	†Ball, Bleed Valve	1	57A	M220472	†Shim, Bearing Cap—.007"	1
20C	M209389	*†Spring, Pressure Relief	1	57B	M220473	†Shim, Bearing Cap—.010"	1
20D	M209932	*†Pin, Pressure Relief	1	57C	M221209	†Shim, Bearing Cap—.020"	1
20E	M220678	*†Guard, Pressure Relief Spring	1	58	M220934	Case Assy. Transmission	1
20F	M619023	*†Washer, Clutch Drum Balance	4	59	M731319	Cup Quill Shaft Bearing	1
20G	M209937	*†Washer, Pressure Relief Spring	1	60	M731321	Cone, Quill Shaft Bearing	1
20H		*†§Hub, Clutch Drum (see 20)	1	61	M220389	Shaft, 1st & 3rd Quill	1
20J	M100284	*†Bolt, Drum to Hub	8	62	M209374	Gear, 1st & 3rd Drive (29T)	1
21	M208777	Ring, Piston Inner Sealing	1	63	M675548	Cone, Quill Shaft Bearing	1
22	M221996	Piston, Clutch	1	64	M675544	Cup, Quill Shaft Bearing	1
23	M221998	Disc, Clutch Outer	1	64A	M223881	†Ring, Bearing Locating	1
24	M208773	Disc, Clutch Outer	6	65	M220388	Shaft, 1st & 3rd Drive	1
25	M208760	Plate, Clutch Disc End	1	66	M675544	Cup, Drive Shaft Bearing	1
26	M223942	Ring, End Plate Retaining	1	66A	M223881	†Ring, Bearing Locating	1
27	M220468	Washer, Disc Hub Retaining	1	67	M675547	Cone, Drive Shaft Bearing	1
28	M223867	Ring, Hub Washer Locating	1	68	M209375	Gear, 1st & 3rd Drop (44T)	1
29	M224047	Ring, Hub Washer Retaining	1	69	M675547	Cone, Drive Shaft Bearing	1
30	M220391	Cover, Clutch	1	70	M675544	Cup, Drive Shaft Bearing	1
31	UCS106/7R	Bolt, Clutch Cover	10	71	M209364	Cup, Drive Shaft Bearing	1
31A	AW4/6	Lockwasher, Clutch Cover	10	72	UCS107/9R	Bolt, Bearing Cap	4
32	M220398	Hub, Clutch Disc	1	73	AW4/7	Lockwasher, Bearing Cap	4
33	M220186	Spring, Clutch Disc Release	10	74	M209365	†Shim, Bearing Cap—.004"	1
34	M209928	Disc, Clutch Inner	7	74A	M209366	†Shim, Bearing Cap—.007"	1
35	M208776	Ring, Piston Outer Sealing	1	74B	M209367	†Shim, Bearing Cap—.010"	1
36	M224106	Ring, Drum Hub Retaining	1	75	AW4/7	Lockwasher, Bearing Cap	4
37	UCS107/9R	Bolt, Bearing Cap	4	76	UCS107/9R	Bolt, Bearing Cap	4
				77	M208777	Ring, Piston Inner Sealing	1
				78	M208773	Disc, Clutch Outer	6
				79	M220186	Spring, Clutch Disc Release	10

†—As Required †—Not Illustrated §Not Sold Separately

*NOTE: These items are for Units with Bolt on Clutch Drum Hubs. Units with weld on clutch hubs do not require these parts.

TRANSMISSION ASSEMBLY—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
80	M220468	Washer, Disc Hub Retaining	1	121	M220513	†Shim, Bearing Cap—.004"	
81	M224047	Ring, Hub Washer Retaining	1	121A	M220514	†Shim, Bearing Cap—.007"	
82	UCS107/9R	Bolt, Bearing Cap	5	121B	M220515	†Shim, Bearing Cap—.010"	
83	AW4/7	Lockwasher, Bearing Cap	5	122	M220508	Cap, Drive Shaft Bearing	1
84	M731336	Cup, Drive Shaft Bearing	1	123	M209370	Gasket, Clutch Cover	1
85	M711124	Cone, Drive Shaft Bearing	1	124	M224047	Ring, Hub Washer Retaining	1
86	M223951	Ring, Bearing Locating	1	125	M220386	Cover, Clutch	1
87	M220393	Shaft, 2nd & 4th Drive	1	126	M220468	Washer, Disc Hub Retaining	1
88	M654875	Cone, Drive Shaft Bearing	1	127	M209928	Disc, Clutch inner	7
89	M731336	Cup, Drive Shaft Bearing	1	128	M221996	Piston, Clutch	1
90	M675544	Cup, Quill Shaft Tapered Bearing	1	129	M224106	Ring, Clutch Drum Hub Retaining	1
91	M675548	Cone, Quill Shaft Tapered Bearing	1	130	M209387	Ring, Drum Hub Sealing	2
92	M220389	Shaft, 2nd & 4th Quill	1	131	M220471	†Shim, Bearing Cap—.004"	
93	M731321	Cone, Quill Shaft Tapered Bearing	1	131A	M220472	†Shim, Bearing Cap—.007"	
94	M731319	Cup, Quill Shaft Tapered Bearing	1	131B	M220473	†Shim, Bearing Cap—.010"	
95	M221401	Gasket, Clutch Cover	1	131C	M221209	†Shim, Bearing Cap—.020"	
96	M220471	†Shim, Bearing Cap—.004"		132	M209353	Gasket, Oil Pan	2
96A	M220472	†Shim, Bearing Cap—.007"		133	M220673	Pipe, Oil Suction	1
96B	M220473	†Shim, Bearing Cap—.010"		134	M731319	Cup, Quill Shaft Bearing	1
96C	M221209	†Shim, Bearing Cap—.020"		135	M731321	Cone, Quill Shaft Bearing	1
97	M209387	Ring, Drum Hub Sealing	2	136	M220388	Shaft, Reverse Drive	1
98	M222409	Drum Assy. Clutch (inc. 98A 98B)	1	137	M675544	Cup, Drive Shaft Bearing	1
98A	M222407	†Housing, Bleed Valve	1	137A	M223881	Ring, Bearing Locating	1
98B	M10J-06	†Ball, Bleed Valve	1	138	M675547	Cone, Drive Shaft Bearing	1
98C	M209389	*†Spring, Pressure Relief	1	139	M675547	Cone, Drive Shaft Bearing	1
98D	M209932	*†Pin, Pressure Relief	1	140	M675544	Cup, Drive Shaft Bearing	1
98E	M220678	*†Guard, Pressure Relief Spring	1	141	UCS107/9R	Bolt, Bearing Cap	4
98F	M619023	*†Washer, Clutch Drum Balance	4	142	AW4/7	Lockwasher, Bearing Cap	4
98G	M209937	*†Washer, Pressure Relief Spring	1	143	M209364	Cap, Reverse Shaft Bearing	1
98H		*†Hub, Clutch Drum—(see 98)	1	144	M209365	†Shim, Bearing Cap—.004"	
98J	M100284	*†Bolt, Drum to Hub	8	144A	M209366	†Shim, Bearing Cap—.007"	
99	M224106	Ring, Drum to Hub Retaining	1	144B	M209367	†Shim, Bearing Cap—.010"	
100	M208776	Ring, Piston Outer Sealing	1	145	M209372	Gear, Reverse Idler (52T)	1
101	M221996	Piston, Clutch	1	146	M675544	Cup, Drive Shaft Bearing	1
102	M221998	Disc, Clutch Outer	1	146A	M223881	Ring, Bearing Locating	1
103	M209928	Disc, Clutch Inner	7	147	M675548	Cone, Drive Shaft Bearing	1
104	M208760	Plate, Clutch Disc End	1	148	M209371	Gear, Reverse Shaft Drive (54T)	1
105	M220398	Hub, Clutch Disc	1	149	M220389	Shaft, Drive Gear Quill	1
106	M223867	Ring, Hub Washer Locating	1	150	M220669	Screen, Oil	1
107	M220391	Cover, Clutch	1	151	M220469	Cap, Clutch Bearing	1
108	UCS106/7R	Bolt, Clutch Cover	10	152	AW4/7	Lockwasher, Bearing Cap	4
108A	AW4/6	Lockwasher, Clutch Cover	10	153	UCS107/9R	Bolt, Bearing Cap	4
109	M224047	Ring, Hub Washer Retaining	1	154	M222409	Drum Assy. Clutch (inc. 154A, 154B)	1
110	M220468	Washer, Disc Hub Retaining	1	154A	M222407	†Housing, Bleed Valve	1
111	M223942	Ring, End Plate Retaining	1	154B	M10J-06	†Ball, Bleed Valve	1
112	M220186	Spring, Clutch Disc Release	10	154C	M209389	*†Spring, Pressure Relief	1
113	M208773	Disc, Clutch Outer	6	154D	M209932	*†Pin, Pressure Relief	1
114	M208777	Ring, Piston Inner Sealing	1	154E	M220678	*†Guard, Pressure Relief Spring	1
115	UCS107/9R	Bolt, Bearing Cap	4	154F	M619023	*†Washer, Clutch Drum Balance	4
116	AW4/7	Lockwasher, Bearing Cap	4	154G	M209937	*†Washer, Pressure Relief Spring	1
117	M220469	Cap, Clutch Bearing	1	154H		*†Hub, Clutch Drum	1
118	M209369	Gear, 2nd & 4th Drive (43T)	1	154J	M100284	*†Bolt, Drum to Hub	8
119	M220395	Gear, 2nd & 4th Low (32T)	1	155	M208777	Ring, Piston Inner Sealing	1
120	M220394	Gear, 2nd & 4th High (57T)	1	156	M208776	Ring, Piston Outer Sealing	1
				157	M221998	Disc, Clutch Outer	1
				158	M208773	Disc, Clutch Outer	6

†—As Required †—Not Illustrated §Not Sold Separately

*NOTE: These items are for Units with Bolt on Clutch Drum Hubs. Units with weld on clutch drum hubs do not require these parts.

TRANSMISSION ASSEMBLY—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
159	M220186	Spring, Clutch Disc Release	10	190	M206864	Seal, Bearing Cap Oil	1
160	M208760	Plate, Clutch Disc End	1	191	M201566	Screw, Shift Fork Lock	1
161	M223942	Ring, End Plate Retaining	1	192	M209403	Fork, High & Low Shift	1
162	M220398	Hub, Clutch Disc	1	193	M209406	Gasket, Shift Shaft Support	1
163	M223867	Ring, Hub Washer Locating	1	194	M209405	Support, High & Low Shift Shaft	1
164	UCS106/7R	Bolt, Clutch Cover	16	195	UCS106/8R	Bolt, Shift Shaft Support	1
164A	AW4/6	Lockwasher, Clutch Cover	16	195A	AW4/6	Lockwasher, Shift Shaft Support	1
165	M205928	Nut, Output Flange	1	196	M209404	Shaft, High & Low Shift	1
166		Flange Assy. Output (inc. 167)		197	M208871	Seal, Shift Shaft Support Oil	1
	M209415	Tapped Holes, for AGB9	1	198	M10J-12	Ball, Mesh Lock	1
	AW200954	Drilled Holes, for AGB9A	1	199	M13F-04	Plug, Mesh Lock	1
167	M100949	Deflector, Output Flange	1	200	M201844	Spring, Mesh Lock	1
168	M206864	Seal, Bearing Cap Oil	1	201	M205928	Nut, Output Shaft Flange	1
169	M209428	Cap, Rear Output Shaft Bearing	1	202	AW5/94	Cotter, Flange Nut	1
170	M713997	Bearing, Rear Output Shaft	1	203		Flange Assy. Output (inc. 204)	
171	M209435	Seal, Shift Shaft Oil	1		M209415	Tapped Holes, for AGB9	1
172	M209434	Shaft, Rear Output Shaft Shift	1		AW200954	Drilled Holes, for AGB9A	1
173	M209433	Fork, Rear Output Shaft Shift	1	204	M100949	Deflector, Output Flange	1
174	M201566	Screw, Shift Fork Lock	1	205	UCS107/9R	Bolt, Front Bearing Cap	4
175	M209430	Housing, Rear Output Shaft	1	206	AW4/7	Lockwasher, Front Bearing Cap	4
176	M10J-12	Ball, Mesh Lock	1	207	M675544	Cup, Output Shaft Bearing	1
177	M201413	Spring, Mesh Lock	1	208	M675548	Cone, Output Shaft Bearing	1
178	M209431	Plate, Rear Housing Cover	1	209	M525293	Magnet, Oil Screen	1
179	UCS106/6R	Bolt, Cover Plate	6	210	M223780	Spring, Magnet Retaining	1
179A	AW4/6	Lockwasher, Cover Plate	6	211	M13F-12	Plug, Drain (Magnetic)	1
180	M209432	Gasket, Cover Plate	1	212	M209352	Pan, Oil	1
181	M209407	Washer, Output Shaft Gear Thrust	1	213	UCS106/8R	Bolt, Oil Pan	14
182	M209396	Gear Assy, Output Shaft High (inc. Bushing)	1	213A	AW4/6	Lockwasher, Oil Pan	14
183	M209409	Hub, High & Low Shift	1	214	M675548	Cone, Output Shaft Bearing	1
184	M209423	Shaft Assy. Output (inc. Bushing)	1	215	M675544	Cup, Output Shaft Bearing	1
185	M209399	Gear Assy., Output Shaft Low (inc. Bushing)	1	216	M223881	Ring, Bearing Retaining	1
186	M209673	Ring, Low Gear Oil	1	217	M209411	Shim, Output Shaft Housing	1
187	M209407	Washer, Output Shaft Gear Thrust	1	218	AW4/7	Lockwasher, Housing to Case	7
188	M209701	†Shim, Front Bearing Cap—.004"	1	219	UCB107/10R	Bolt, Housing to Case	7
188A	M209702	†Shim, Front Bearing Cap—.007"	1	220	M224069	Ring, Bearing Retaining	1
188B	M209703	†Shim, Front Bearing Cap—.010"	1	221	M209427	Hub, Rear Output Shaft Shift	1
189	M209692	Cap, Output Shaft Front Bearing	1	222	M209426	Shaft, Rear Output	1
				223	M223925	Ring, Bearing Locating	1
				224	M209429	Gasket, Rear Bearing Cap	1
				225	AW4/7	Lockwasher, Rear Bearing Cap	4
				226	UCS107/9R	Bolt, Rear Bearing Cap	4
				227	AW5/94	Cotter, Flange Nut	1

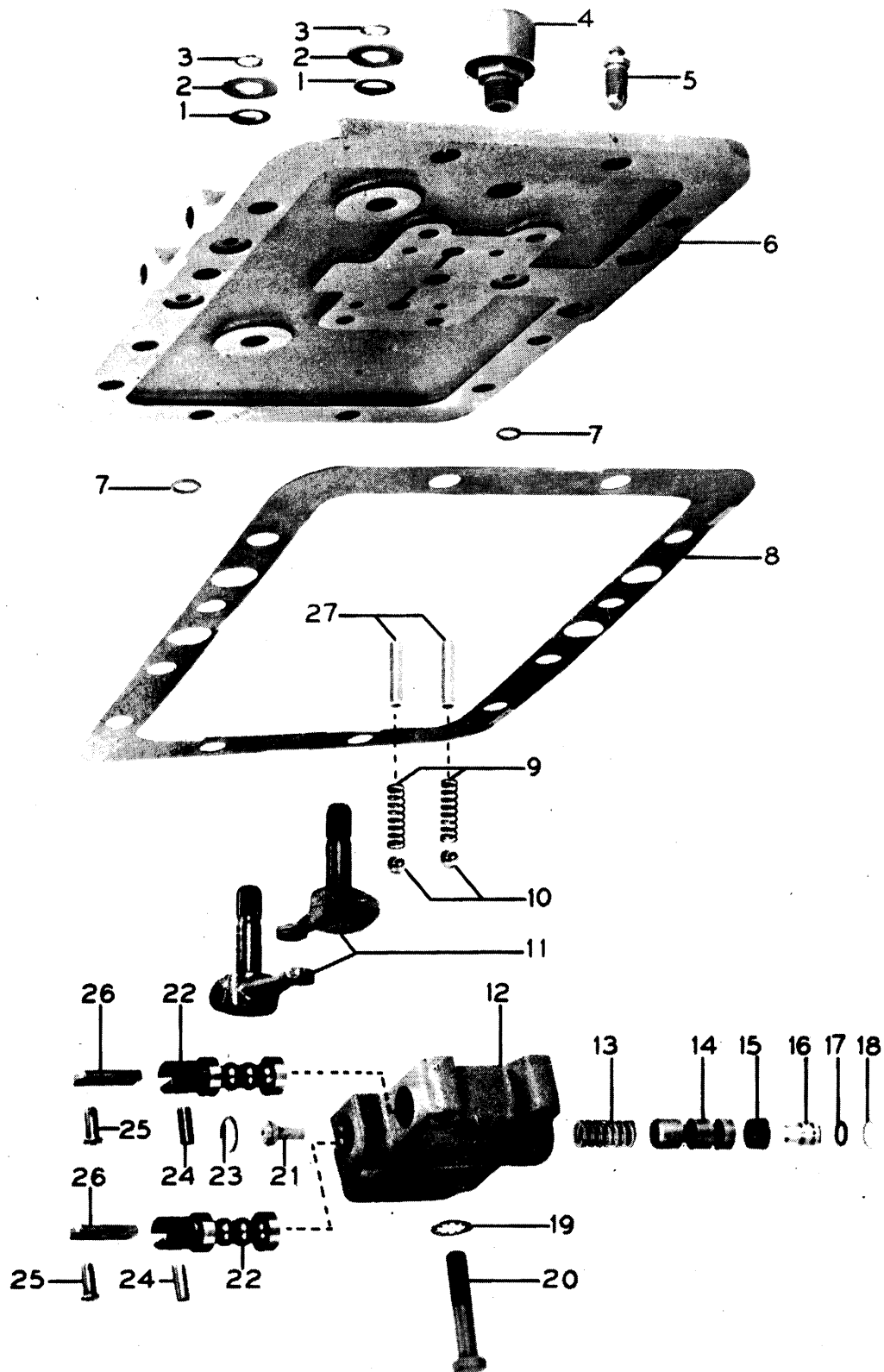
†—As Required †Not Illustrated §Not Sold Separately

*NOTE: These items are for Units with Bolt on Clutch Drum Hubs. Units with weld on clutch drum hubs do not require these parts.

TRANSMISSION MOUNTING PARTS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
228	M550572	†Bracket, Transmission Mount —R.H.	1	233	AW18/310	†Bolt, Bracket to Transmission	8
229	M550576	†Bracket, Transmission Mount —L.H.	1	234	AW6/71	†Nut, Bracket to Transmission	8
230	AW203841	†Bolt, Bracket to Frame	4	235	AW4/10	†Lockwasher, Mounting Bracket to Transmission	4
231	AW7/149	†Nut, Bracket to Frame	4	236	AW2/110	†Washer, Mounting Bracket to Transmission	4
232	AW5/62	†Split Pin, Mounting Bracket to Frame	4				

†—Not Illustrated



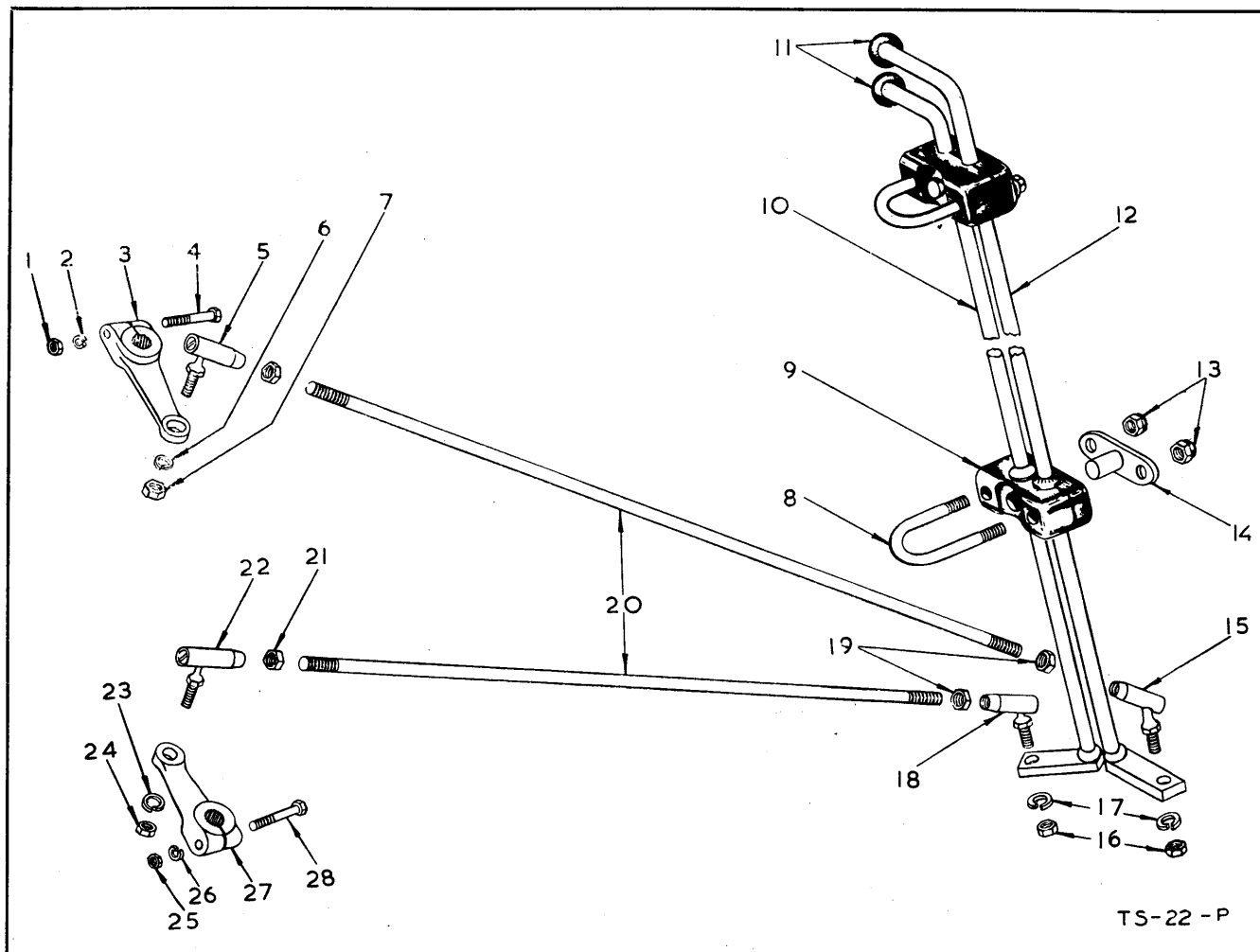
CONTROL VALVE & COVER

3816-P-48-55 G

TRANSMISSION CONTROL COVER PARTS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		Control Cover and Valve Assembly (including Items 1 thru 29)		13	M220363	Spring, Shut-off Valve.....	1
	M800657	for use with AGB52 & AGB58 Transmissions	1	14	M208815	Valve, Shut-off.....	1
	AW202227	for use with AGB9 & AGB9A Transmissions	1	15	M208820	Cup, Shut-off Valve Sealing.....	1
1	M208812	Seal, Selector Arm Shaft Oil.....	2	16	M209878	Stop, Shut-off Valve.....	1
2	M619027	Washer, Selector Arm Shaft.....	2	17	M617337	Seal, Shut-off Valve Stop.....	1
3	MSK251-90	Ring, Selector Arm Shaft Washer Retaining.....	2	18	MSK250-93	Ring, Shut off Valve Stop Retaining	1
4		Breather Assembly		19	AW36/27	Lockwasher, Control Valve Bolt	4
	M10492	for use with AGB52 & AGB58 Transmissions	1	20	UCB106/14R	Bolt, Control Valve	4
	AW200545	for use with AGB9 & AGB9A Transmissions	1	21	M209894	Guide, Valve Spring.....	1
5	M208805	Valve, Bleeder	1	22	M208807	Selector Valve (see Item 29).....	2
6		Cover, Control		23	MSK250-93	Ring, Shut-off Valve Spring Retaining	1
	M209378	for use with AGB52 & AGB58 Transmissions	1	24	M208809	Pin, Selector Valve Link.....	2
	AW200544	for use with AGB9 & AGB9A Transmissions	1	25	M208810	Pin, Selector Valve Link Clevis	2
7	M208782	"O" Ring.....	5	26	M209382	Link, Selector Valve.....	2
8	M209379	Gasket, Control Cover.....	1	27	M209874	Ball Stop, Selector Valve Detent	2
9	M203647	Spring, Selector Valve Detent	2	28	AW5/29	†Cotter, Valve Link Clevis.....	2
10	M10J-12	Ball, Selector Valve Detent Spring.....	2	29	M209381	Selector Valve Assembly (including Items 22, 24, and 26)	2
11	M209690	Selector Arm and Shaft Assembly	2	30	M13F-02	†Plug, Control Cover Oil Passage	5
12	M209380	Housing, Selector Valve.....	1	31	UCS107/9R	†Bolt, Control Cover to Case.....	9
				32	AW4/7	†Lockwasher, Control Cover to Case	9
				33	M800653	Selector Control Valve Assembly (including Items 12 thru 18, 21 thru 24 and 26).....	1

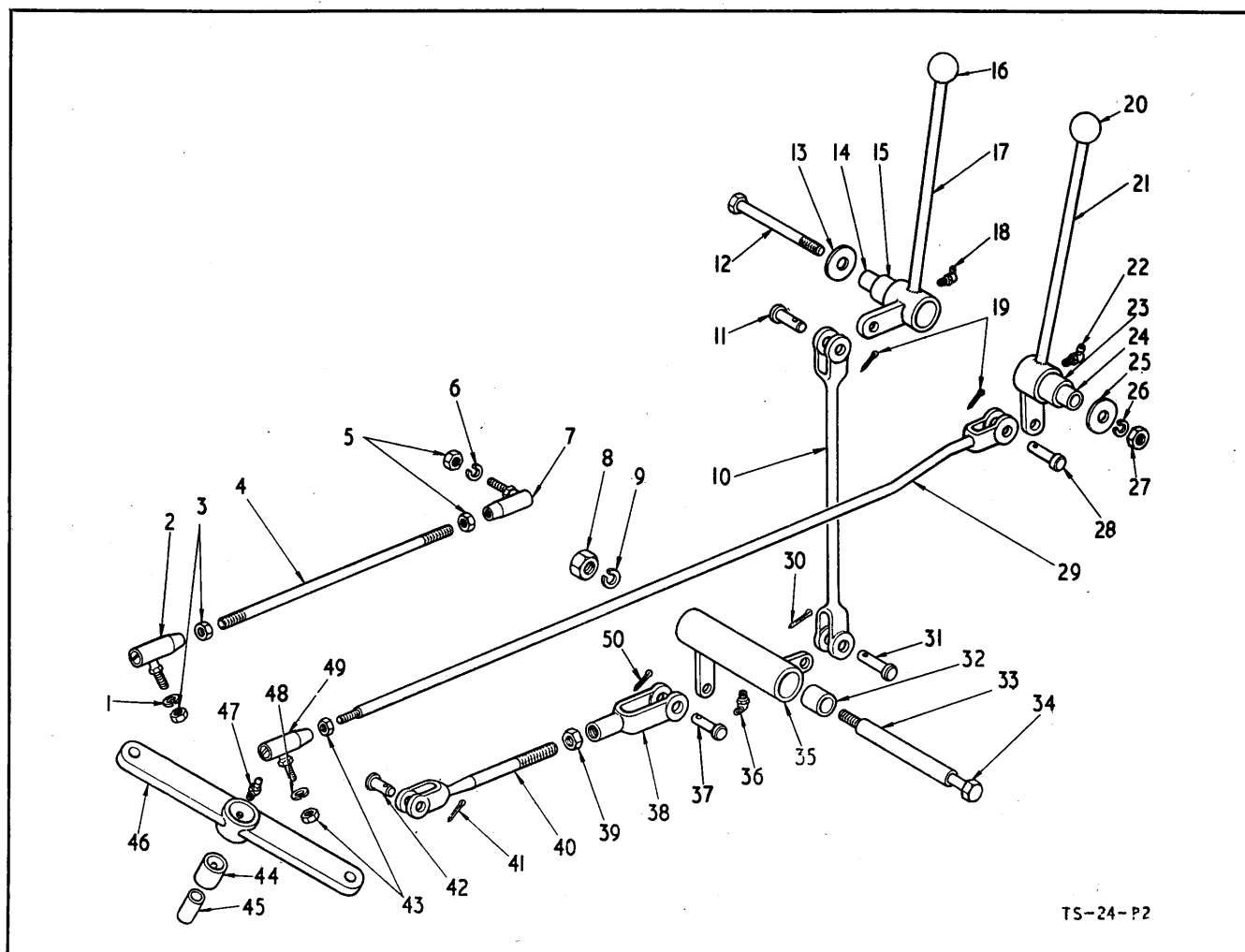
† Not Illustrated



GEAR SHIFT LEVERS AND LINKAGE

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW6/65	Nut, Speed Selector Shift Lever	1	15	AW65/3	Ball Socket.....	1
2	AW4/4	Lockwasher, Speed Selector Shift Lever.....	1	16	AW8/67	Nut, Ball Socket.....	2
3	M550803	Lever, Speed Selector Shift.....	1	17	AW4/6	Lockwasher, Ball Socket.....	2
4	AW12/305	Bolt, Speed Selector Shift Lever	1	18	AW65/3	Ball Socket.....	1
5	AW65/3	Ball Socket.....	1	19	AW8/67	Nut, Ball Socket.....	2
6	AW4/6	Lockwasher, Ball Socket.....	1	20	M550674	Rod, Shift.....	2
7	AW8/67	Nut, Ball Socket.....	1	21	AW8/67	Nut, Ball Socket.....	2
8	M550672	U-Bolt, Steering Column.....	2	22	AW65/3	Ball Socket.....	1
9	M550129	Support, Shift Levers.....	2	23	AW4/6	Lockwasher, Ball Socket.....	1
10	M550667	High and Low Lever Assembly	1	24	AW8/67	Nut, Ball Socket.....	1
11	M300208	Knob, Levers.....	2	25	AW6/65	Nut, Speed Selector Shift Lever	1
12	M550663	Forward and Reverse Lever Assembly.....	1	26	AW4/4	Lockwasher, Speed Selector Shift Lever.....	1
13	AW25/92	Nut, U-Bolt.....	4	27	M550803	Lever, Speed Selector Shift.....	1
14	M550669	Plate Assembly, Shift Lever Support.....	2	28	AW12/305	Bolt, Speed Selector Shift Lever	1

† — Not Illustrated



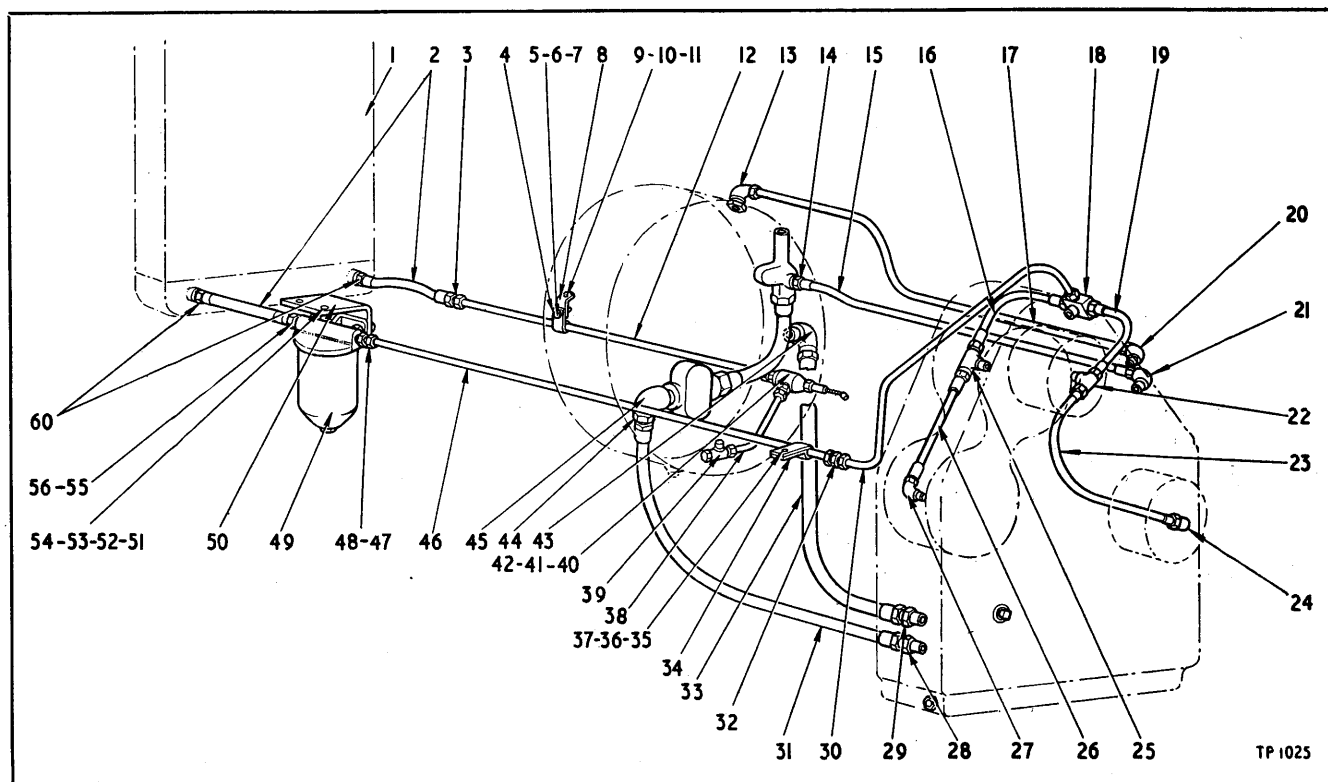
TRANSMISSION CONTROL LEVERS AND LINKAGE

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW4/6	Lockwasher, Ball Socket.....	1	18	AW32/77	Fitting, Range Lever Grease.....	1
2	AW65/3	Ball Socket	1	19	AW5/88	Cotter, Clevis Pin.....	2
3	AW8/67	Nut, Ball Socket.....	2	20	M300208	Knob, 4WD Lever.....	1
4	M550691	Rod, Crank to Transmission.....	1	21	M550685	Lever Assembly, 4WD (including Item 23).....	1
5	AW8/67	Nut, Ball Socket.....	2	22	AW32/77	Fitting, 4WD Lever Grease.....	1
6	AW4/6	Lockwasher, Ball Socket.....	1	23	M551373	Bushing, Lever Mtg.....	1
7	AW65/3	Ball Socket	1	24	M550646	Sleeve, Lever Mtg.....	1
8	AW6/71	Nut, Bell Crank Mtg.....	1	25	M616796	Washer, Lever Mtg.....	1
9	AW4/10	Lockwasher, Bell Crank Mtg.....	1	26	AW4/8	Lockwasher, Lever Mtg.....	1
10	M550679	Shift Rod Assembly.....	1	27	AW6/69	Nut, Lever Mtg.....	1
11	AW52/6/H	Pin, Shift Rod to Lever.....	1	28	AW52/6/H	Pin, Shift Rod to 4WD Lever Clevis	1
12	AW16/324	Bolt, Lever Mtg.....	1	29	M550687	Shift Rod Assembly.....	1
13	M616796	Washer, Lever Mtg.....	1	30	AW5/88	Cotter, Clevis Pin.....	1
14	M550646	Sleeve, Lever Mtg.....	1	31	AW52/6/H	Pin, Shift Rod to Bell Crank Clevis	1
15	M551373	Bushing, Lever Mtg.....	1	32	M551373	Bushing, Bell Crank Mtg.....	2
16	M300208	Knob, Range Lever.....	1				
17	M550677	Range Lever Assembly (including Item 15).....	1				

TRANSMISSION CONTROL LEVERS AND LINKAGE—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
33	M551496	Sleeve, Bell Crank Mtg.....	1	44	M551373	Bushing, Crank Mtg.....	1
34	AW18/340	Bolt, Bell Crank Mtg.....	1	45	M550646	Sleeve, Crank Mtg.....	1
35	M551494	Bell Crank Assembly (including Item 32)	1	46	M550689	Crank Assembly (including Item 44)	1
36	AW32/77	Fitting, Bell Crank Grease.....	1	47	AW32/77	Fitting, Crank Grease.....	1
37	AW52/6/H	Pin, Yoke to Bell Crank Clevis	1	48	AW4/6	Lockwasher, Ball Socket.....	1
38	AW26/34	Yoke, Shift Rod to Bell Crank....	1	49	AW65/3	Ball Socket.....	1
39	AW8/69	Nut, Yoke Jam.....	1	50	AW5/88	Cotter, Clevis Pin.....	1
40	M550683	Shift Rod Assembly.....	1	51	AW16/312	†Bolt, Crank Mtg.....	1
41	AW5/59	Cotter, Clevis Pin.....	1	52	AW6/69	†Nut, Crank Mtg.....	1
42	AW52/4/H	Pin, Shift Rod to Crank Clevis....	1	53	AW4/8	†Lockwasher, Crank Mtg.....	1
43	AW8/67	Nut, Ball Socket.....	2	54	M616796	†Washer, Crank Mtg.....	1

† — Not Illustrated



HYDRAULIC SYSTEM, TRANSMISSION AND TORQUE CONVERTER

For serial: Model 75A (Leyland)—OS122/1 thru 321

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Radiator—see Index		16A	AW200843	†Nut, Hose End	2
2	AW200573	Hose, Cooler Lines to Radiator	2	16B	AW200844	Ring, Hose End	2
2A	AW200841	†Nut, Hose End	4	17		Oil Pipe, Overflow	1
2B	AW200842	†Ring, Hose End	4		AW201013	for M/c Serials OS122/1 thru 215	1
3	AW200473	Coupling, Cooler Line to Hose	1		AW203184	for M/c Serials OS122/216 thru 321	1
4	AW200675	Clip, Cooler Line to Bracket	1	17A	AW200845	†Nut, Pipe End	2
5	AW54/302	Bolt, Clip to Bracket	1	17B	AW200846	†Ring, Pipe End	2
6	AW6/65	Nut, Clip to Bracket	1	18	AW200502	4-Way, Transmission	1
7	AW4/4	Lockwasher, Clip to Bracket	1	19	AW200579	Hose, 4-Way to Tee	1
8	AW200671	Bracket, Clip to Frame	1	19A	AW200843	†Nut, Hose End	2
9	AW12/301	Bolt, Bracket to Frame	1	19B	AW200844	†Ring, Hose End	2
10	AW6/65	Nut, Bracket to Frame	1	20	AW200479	Elbow, Feed Pipe	1
11	AW4/4	Lockwasher, Bracket to Frame	1	21	AW200504	Stud Tee, Hose to Relief Valve	1
12	AW201011	Oil Pipe, Thermometer Bulb to Flex	1	22	AW200503	Stud Tee, Transmission	1
12A	AW200841	†Nut, Pipe End	2	23	AW200579	Hose, Elbow to Tee	1
12B	AW200842	†Ring, Pipe End	2	23A	AW200843	†Nut, Hose End	2
13	AW200482	Stud Elbow, Converter	1	23B	AW200844	†Ring, Hose End	2
14	AW200459	Adaptor, Relief Valve	1	24	AW200480	Stud Elbow, Transmission	1
15	AW200581	Hose, Relief Valve to Transmission	1	25	AW200503	Stud Tee	1
15A	AW200843	†Nut, Hose End	2	26	AW200575	Hose, Elbow to Tee	1
15B	AW200844	†Ring, Hose End	2	26A	AW200843	†Nut, Hose End	2
16	AW200577	Hose, Tee to 4-way	1	26B	AW200844	†Ring, Hose End	2
				27	AW200480	Stud, Elbow, Transmission	1
				28	AW200464	Stud Coupling	1
				29	AW200461	Stud Coupling	1
				30	AW201009	Oil Pipe, Transmission to Union	1
				30A	AW200841	†Nut, Pipe End	2

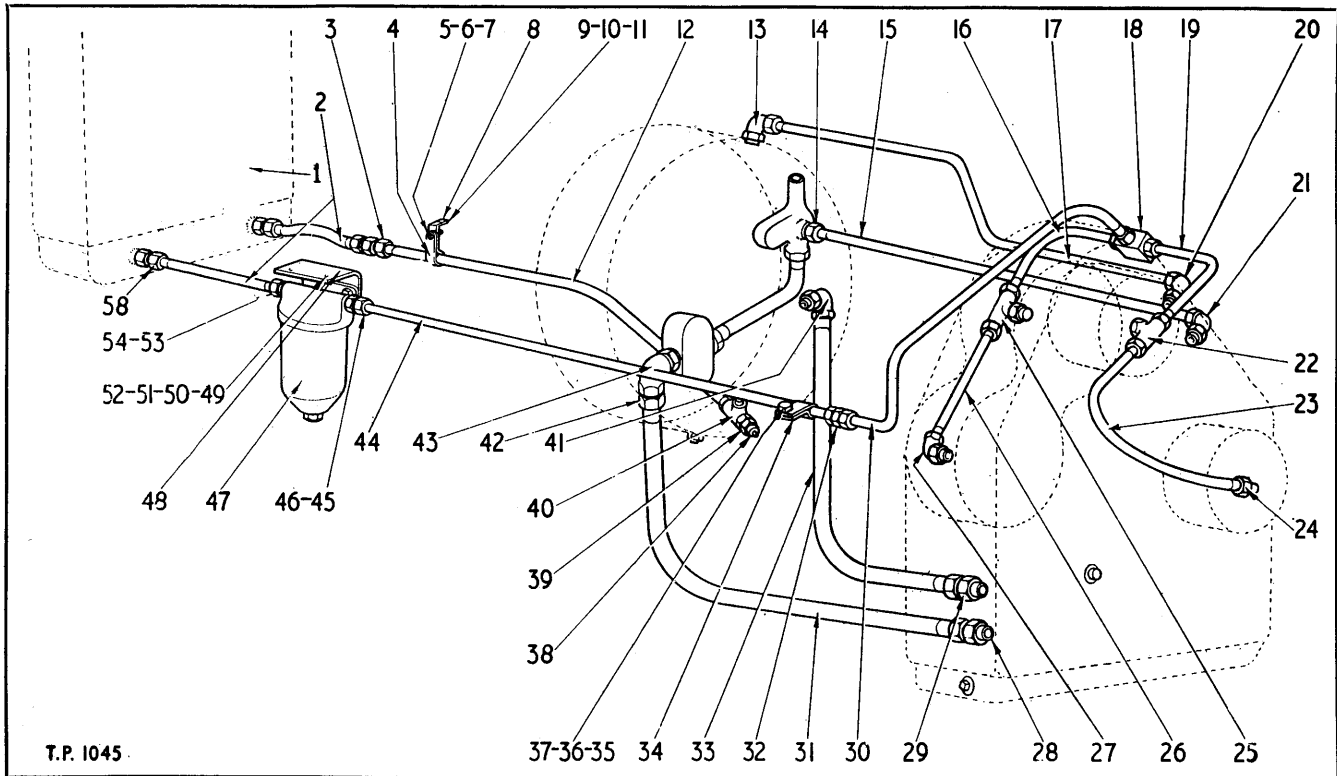
† — Not Illustrated

HYDRAULIC SYSTEM, TRANSMISSION AND TORQUE CONVERTER—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	N Req
30B	AW200842	†Ring, Pipe End.....	2	44	AW200464	Stud Coupling, Elbow.....	
31	AW200571	Hose, Transmission to Pump.....	1	45	AW200669	Elbow, Pump.....	
31A	AW200847	†Nut.....	2	46	AW201010	Oil Pipe, Union to Filter.....	
31B	AW200848	†Ring.....	2	46A	AW200841	†Nut, Pipe End.....	
32	AW200473	Coupling, Cooler Line.....	1	46B	AW200842	†Ring, Pipe End.....	
33	AW200569	Hose, Converter to Transmis- sion.....	1	47	AW200670	Adaptor, Filter.....	
33A	AW200849	†Nut, Hose End.....	2	48	AW200494	Stud Coupling, Filter.....	
33B	AW200850	†Ring, Hose End.....	2	49	AW200167	Filter.....	
34	AW200675	Clip, Pipe to Frame.....	1	49A	AW200168	†Cartridge Kit.....	
35	AW12/301	Bolt, Clip to Frame.....	1	50	AW200424	Mounting Bracket, Filter.....	
36	AW6/65	Nut, Clip to Frame.....	1	51	AW15/304	Bolt, Bracket to Frame.....	
37	AW4/4	Lockwasher, Clip to Frame.....	1	52	AW6/67	Nut, Bracket to Frame.....	
38	AW201012	Oil Pipe, Converter to Thermo- meter Bulb.....	1	53	AW4/6	Lockwasher, Bracket to Frame.....	
38A	AW200841	†Nut, Pipe End.....	2	54	AW3/3	Taper Washer, Bracket to Frame.....	
38B	AW200842	†Ring, Pipe End.....	2	55	AW200494	Stud Coupling, Filter.....	
39	AW200466	Stud Tee, Converter.....	1	56	AW200670	Adaptor Filter.....	
40	AW200367	Housing, Thermometer Bulb.....	1	57	AW15/301	†Bolt, Filter to Bracket.....	
41	AW200432	Adaptor, Thermometer Bulb.....	1	58	AW6/68	†Nut, Filter to Bracket.....	
42	AW200494	Stud Coupling.....	2	59	AW4/7	†Lockwasher, Filter to Bracket....	
43	AW200476	Stud Elbow, Converter.....	1	60	AW200494	Stud Coupling, Radiator.....	

† — Not Illustrated

Note.—All hoses and pipes are supplied with nuts and rings fitted as an assembly.



HYDRAULIC SYSTEM, TRANSMISSION AND TORQUE CONVERTER

For serial: Model 75A (Perkins) OS119/1 thru 16.

Item No.	Part No.	Description	No. Req'd.
1		Radiator—see Index	
2	AW200573	Hose, Cooler Lines to Radiator	2
2A	AW200841	†Nut, Hose End.....	4
2B	AW200842	†Ring, Hose End.....	4
3	AW200473	Coupling, Cooler Line to Hose	1
4	AW200675	Clip, Cooler Line to Bracket.....	1
5	AW54/302	Bolt, Clip to Bracket.....	1
6	AW6/65	Nut, Clip to Bracket.....	1
7	AW4/4	Lockwasher, Clip to Bracket.....	1
8	AW200671	Bracket, Clip to Frame.....	1
9	AW12/301	Bolt, Bracket to Frame.....	1
10	AW6/65	Nut, Bracket to Frame.....	1
11	AW4/4	Lockwasher, Bracket to Frame	1
12	AW201015	Oil Pipe, Thermometer Bulb to Flex.....	1
12A	AW200841	†Nut, Pipe End.....	2
12B	AW200842	†Ring, Pipe End.....	2
13	AW200482	Stud, Elbow, Converter.....	1
14	AW200459	Adaptor, Relief Valve.....	1
15	AW200581	Hose, Relief Valve to Transmission.....	1
15A	AW200843	†Nut, Hose End.....	2
15B	AW200844	†Ring, Hose End.....	2

Item No.	Part No.	Description	No. Req'd.
16	AW200577	Hose, Tee to 4-Way.....	1
16A	AW200843	†Nut, Hose End.....	2
16B	AW200844	†Ring, Hose End.....	2
17	AW201016	Oil Pipe, Overflow.....	1
17A	AW200845	†Nut, Pipe End.....	2
17B	AW200846	†Ring, Pipe End.....	2
18	AW200502	4-Way, Transmission.....	1
19	AW200579	Hose, 4-Way to Tee.....	1
19A	AW200843	†Nut, Hose End.....	2
19B	AW200844	†Ring, Hose End.....	2
20	AW200479	Elbow, Feed Pipe.....	1
21	AW200504	Stud Tee, Hose to Relief Valve	1
22	AW200503	Stud Tee, Transmission.....	1
23	AW200579	Hose, Elbow to Tee.....	1
23A	AW200843	†Nut, Hose End.....	2
23B	AW200844	†Ring, Hose End.....	2
24	AW200480	Stud Elbow, Transmission.....	1
25	AW200503	Stud Tee.....	1
26	AW200575	Hose, Elbow to Tee.....	1
26A	AW200843	†Nut, Hose End.....	2
26B	AW200844	†Ring, Hose End.....	2
27	AW200480	Stud Elbow, Transmission.....	1
28	AW200464	Stud Coupling.....	1

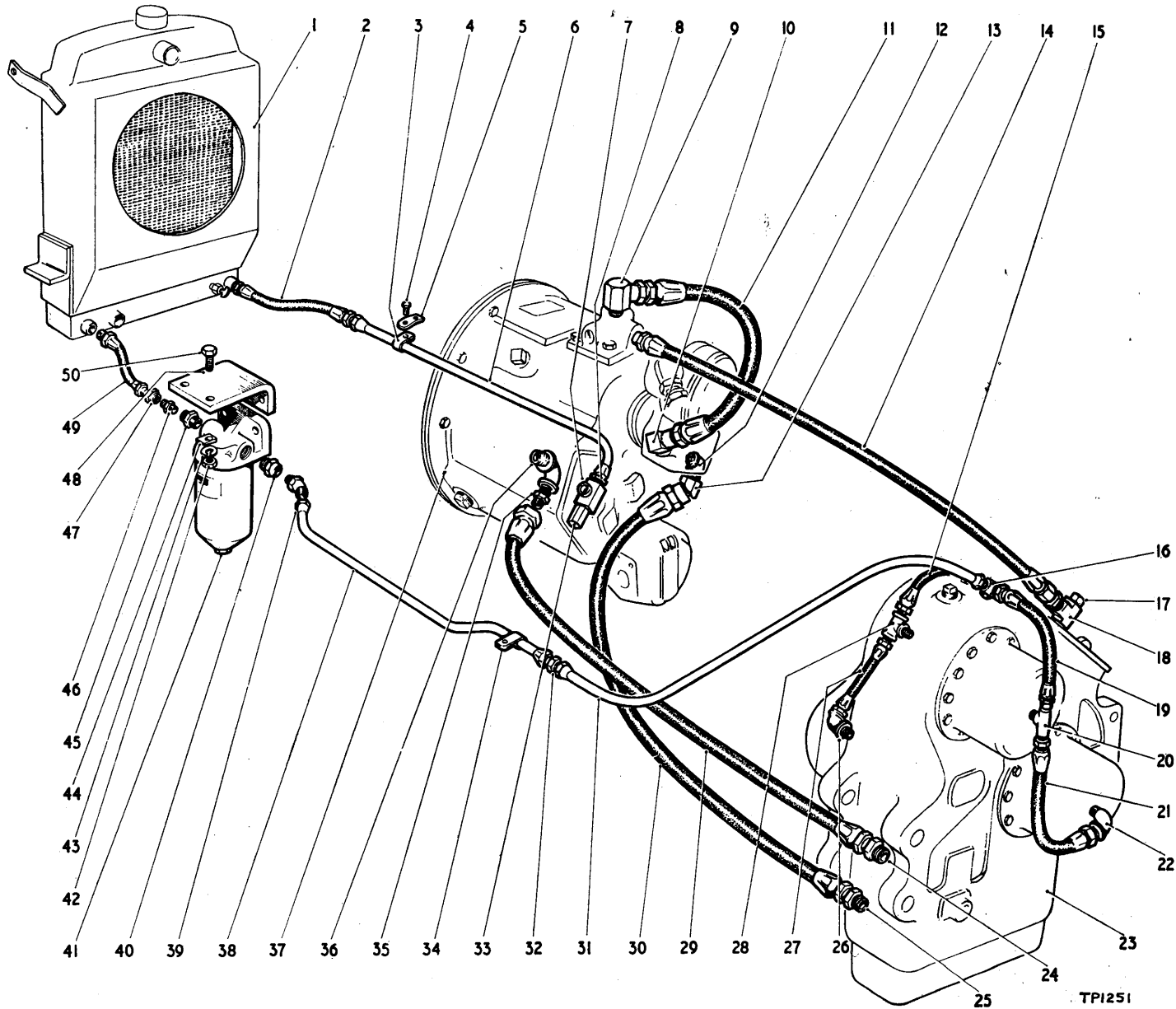
† — Not Illustrated

HYDRAULIC SYSTEM, TRANSMISSION AND TORQUE CONVERTER—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
29	AW200496	Stud Coupling	1	43	AW200669	Elbow, Pump.....	1
30	AW201009	Oil Pipe, Transmission to Union	1	44	AW201014	Oil Pipe, Union to Filter.....	1
30A	AW200841	Nut, Pipe End.....	2	44A	AW200841	Nut; Pipe End.....	2
30B	AW200842	Ring, Pipe End.....	2	44B	AW200842	Ring, Pipe End.....	2
31	AW200571	Hose, Transmission to Pump.....	1	45	AW200670	Adaptor, Filter	1
31A	AW200847	†Nut	2	46	AW200494	Stud Coupling, Filter.....	1
31B	AW200848	†Ring.....	2	47	AW200167	Filter	1
32	AW200473	Coupling, Cooler Line.....	1	47A	AW200168	†Cartridge Kit.....	1
33	AW200569	Hose, Converter to Trans- mission	1	48	AW200424	Mounting Bracket, Filter.....	1
33A	AW200849	Nut, Hose End.....	2	49	AW15/304	Bolt, Bracket to Frame.....	2
33B	AW200850	Ring, Hose End.....	2	50	AW6/67	Nut, Bracket to Frame.....	2
34	AW200675	Clip, Pipe to Frame.....	1	51	AW4/6	Lockwasher, Bracket to Frame	2
35	AW12/301	Bolt, Clip to Frame.....	1	52	AW3/3	Taper Washer, Bracket to Frame	2
36	AW6/65	Nut, Clip to Frame.....	1	53	AW200494	Stud Coupling, Filter.....	1
37	AW4/4	Lockwasher, Clip to Frame.....	1	54	AW200670	Adaptor, Filter	1
38	AW200221	Sender Unit, Converter Temp.	1	55	AW15/301	†Bolt, Filter to Bracket.....	2
39	AW200337	Adaptor, Sender Unit.....	1	56	AW6/68	†Nut, Filter to Bracket.....	2
40	AW200466	Stud Tee, Converter.....	1	57	AW4/7	†Lockwasher, Filter to Bracket....	2
41	AW200476	Stud, Elbow, Converter.....	1	58	AW200494	Stud Coupling, Radiator.....	2
42	AW200464	Stud Coupling, Elbow.....	1				

† — Not Illustrated

Note.—All hoses and pipes are supplied with nuts and rings fitted as an assembly.



HYDRAULIC SYSTEM—TRANSMISSION AND TORQUE CONVERTER

TP-1251

HYDRAULIC SYSTEM—TRANSMISSION & TORQUE CONVERTER

For serial: Model 75A (Leyland)—OS122/322 & thereafter Model 75A (Perkins)—OS199/1 & thereafter
 Model 75A (Cummins)—OS201/1 & thereafter Model 75A (DAF)—OS220A/1 & thereafter
 Model 75A (Volvo)—OS176/1 & thereafter Model 75A (Perkins)—OS119/17 & thereafter

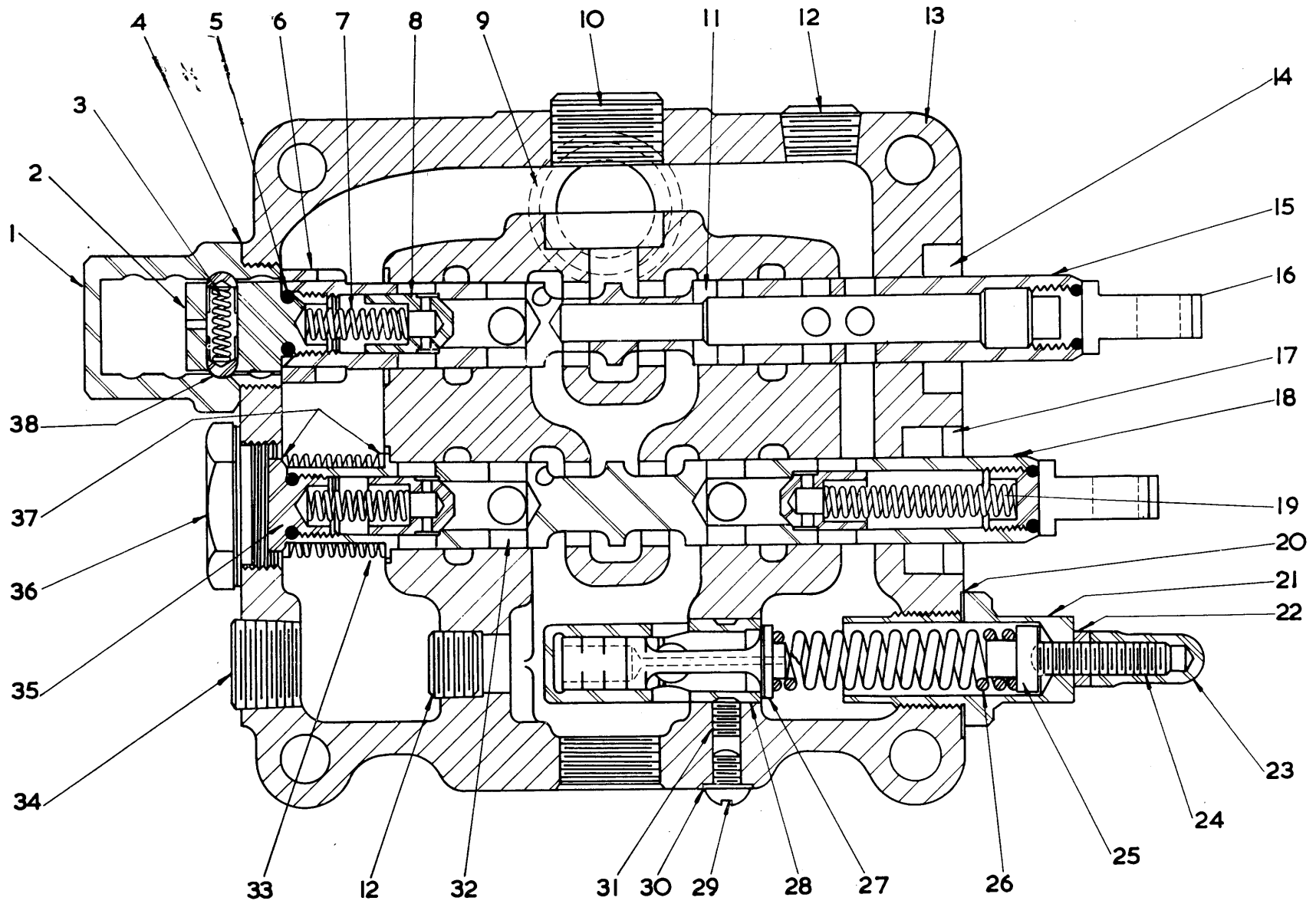
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Radiator (see Index)		21	M550758	Hose, Tee to 2nd and 4th Clutch	1
2	M531403	Hose, Cooler Line—L.H.	1	22	M26F-2	Elbow, Hose to Clutch Cover	1
3	M6H-18	Clip, Cooler Line to Bracket	1	23		Transmission (see Index)	
4	AW55/302	Bolt, Clip to Bracket	1	24	M356621	Bushing, Reducer	1
4A	AW6/66	†Nut, Clip to Bracket	1	25	M356626	Bushing, Reducer	1
4B	AW4/5	†Lockwasher, Clip to Bracket	1	26	M26F-2	Elbow, Hose to Clutch Cover	1
5		Bracket, Pipe Fixing		27	M550874	Hose, Tee to Reverse Clutch	1
	AW200671	for Machine Serials OS122/322 and after, and OS128/80, 84 and after	1	28	M18F-2	Tee	1
	AW204869	for Machine Serials OS199/1 and after, and OS189/5 and after	1	28A	M5K-207	†Close Nipple	1
	AW207252	for Machine Serials OS176/1 and after	1	29		Hose, Torque Converter Over-flow	1
5A	AW55/306	†Bolt, Bracket to Frame	1		M531061	for Machine Serials OS122/322 and after, and OS128/80, 84 and after	1
5B	AW6/66	†Nut, Bracket to Frame	1		AW204844	for Machine Serials OS199/1 and after, and OS189/5 and after	1
5C	AW4/5	†Lockwasher, Bracket to Frame	1	30	M531006	Hose, Converter Suction	1
6		Cooler Line—L.H. (including Item 6A)		31	AW204146	Cooler Line, R.H. Front (including Item 31A)	1
	AW204145	for Machine Serials OS122/322 and after, and OS128/80, 84 and after	1	31A	M78F-7	Tube Nut	2
	AW204860	for Machine Serials OS199/1 and after, and OS189/5 and after	1	32	M87F-7	Union, Pipe	1
	AW205383	for M/c Serials OS201/1 and after	1	33		Adaptor, Temp. Sender	
	AW207251	for Machine Serials OS176/1 and after	1		AW203819	for Machine Serials OS122/322 and after, and OS128/80, 84 and after	1
6A	M78F-8	†Tube Nut	2		AW200337	for Machine Serials OS199/1 and after, and OS189/5 and after	1
7	AW203682	Tee, Temp. Sender	1	34	AW200675	Clip, Pipe to Frame	1
7A	M356617	†Bush, Reducer—Tee to Converter	1	34A	AW12/301	†Bolt, Clip to Frame	1
8	M356619	Bush, Reducer	1	34B	AW6/65	†Nut, Clip to Frame	1
9	M31F-5	Adaptor 90° Hose to Valve	1	34C	AW4/4	†Lockwasher	1
10	M29F-4	Adaptor 90° Hose to Pump	1	35	M36F-6	Adaptor, Hose to Elbow	1
11	M691800	Hose Assembly, Pump to Valve	1	36	M26F-6	Elbow	1
12	M26F-6	Elbow	1	37		Torque Converter (see Index)	
13	M33F-6	Adaptor	1	38		Cooler Line, R.H. Rear (including Item 38A)	
14		Hose Assembly, Clutch Pressure			AW204148	for Machine Serials OS122/322 and after, and OS128/80, 84 and after	1
	M527550	for Machine Serials OS122/322 and after, and OS128/80, 84 and after	1		AW204861	for Machine Serials OS199/1 and after, and OS189/5 and after	1
	AW204316	for Machine Serials OS199/1 and after, and OS189/5 and after	1		AW205382	for Machine Serials OS201/1 and after	1
15	M550876	Hose, Cross to 1st and 3rd Clutch	1	38A	M78F-7	Tube Nut	2
16	M550866	Junction Block	1	39		Elbow, Pipe	
16A	M84F-7	Elbow, Pipe to Cross	1		M84F-7	for Machine Serials OS122/322 and after, and OS128/80, 84 and after	1
17	M13F-04	Plug, Tee	1		M89F-7	for Machine Serials OS199/1 and after, and OS189/5 and after	1
18	M30F-1	Tee, Hose to Control Cover	1	40	AW203686	Adaptor, Filter	1
19	M550758	Hose, Cross to Forward Clutch	1				
20	M18F-2	Tee	1				
20A	M5K-207	†Close Nipple	1				

† — Not Illustrated

HYDRAULIC SYSTEM—TRANSMISSION AND TORQUE CONVERTER—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
40A	AW31/6	†Washer, Adaptor	1	46	AW203554	Adaptor, Hose.....	1
41	AW200167	Filter	1	47	M36F-5	Adaptor, Hose.....	1
41A	AW200168	†Cartridge Kit, Filter.....	1	48	AW200424	Bracket, Filter Mounting	1
42	AW6/67	Nut, Bracket to Frame	2	48A	AW15/301	Bolt, Filter to Bracket	2
43	AW4/6	Lockwasher, Bracket to Frame	2	48B	AW6/68	Nut, Filter to Bracket	2
44	AW3/3	Taper Washer, Bracket to Frame	2	48C	AW4/7	Lockwasher, Filter to Bracket.....	2
45	AW203686	Adaptor, Filter	1	49	AW203806	Hose, Cooler Line—R.H.....	1
45A	AW31/6	Washer, Adaptor	1	50	AW14/304	Bolt, Filter Bracket to Frame.....	2

† — Not Illustrated



CONTROL VALVE

TS-14-P

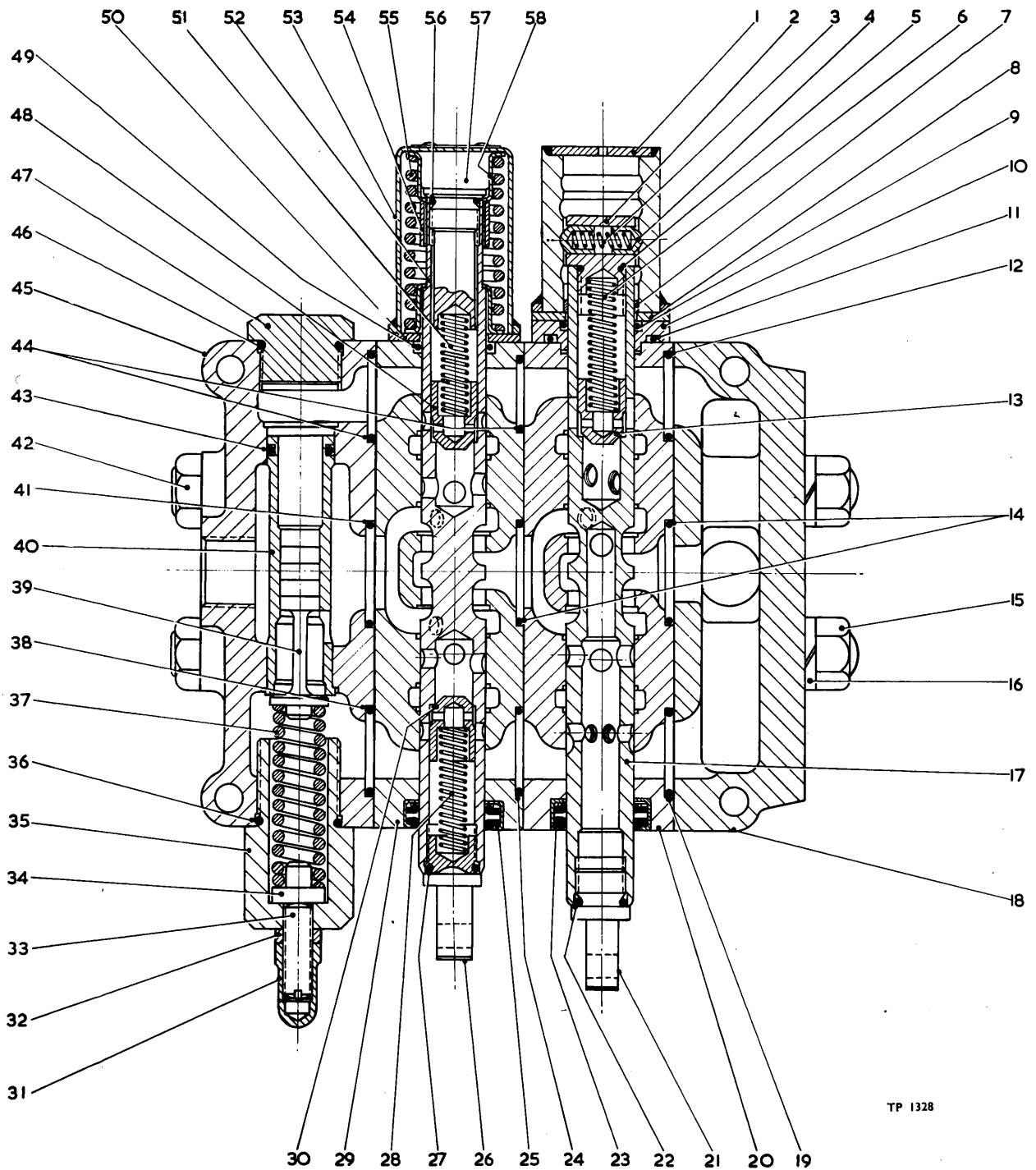
CONTROL VALVE ASSEMBLY

(For serials—OSI22/I thru I7 and 24 and after, OS20I/I and after, OS220/I and after, OSI99/I and after OSI76/I and after and OSI19/I thru I7)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	M550282	Control Valve Assembly—Complete	1	20	M940031	Gasket	1
1	M940040	Cap, Detent	1	21	M940025	Cap, Adjustment	1
2	M940023	Cap, Detent Valve	1	22	M8D-06	Nut, Jam	1
3	M940024	Spring, Detent	1	22A	AW201027	†Gasket, Jam Nut	2
4	M940041	Gasket	2	23	M863045	Nut, Acorn	1
5	M940061	Seal Ring	4	24	M940028	Screw, Adjustment	1
6	M940062	Spacer, Plunger	1	25	M940029	Retainer Spring	1
7	M940063	Spring	2	26	M940030	Spring	1
8	M940064	Plunger, Check Valve	3	27	M940032	Plunger, Relief Valve	1
9	AW10/42	Seal Ring	1	28	M940033	Seat, Relief Valve	1
10	M16F-16	Pipe Plug	1	29	M863052	Screw	1
11		§Operating Plunger (see A)	1	30	M863053	Gasket	1
12	M16F-08	Pipe Plug	2	31	M863051	Screw, Set	1
13		§Housing (see A)	1	32		§Operating Plunger (see A)	1
14	M862092	Seal	2	33	M940072	Spring	1
15		§Operating Plunger Assembly—Float	1	34	M16F-12	Pipe Plug	1
16	M940068	Plunger Eye	2	35	M940073	Cap	1
17	M862092	Seal Assembly	1	36	M940039	Cap	1
18		§Operating Plunger Assembly—D.A. (see A)	1	37	M940074	Washer	2
19	M940070	Spring	1	38	M940075	Poppet, Detent Plunger	2
				39	M16F-06	†Pipe Plug	1
				40	AW16/318	†Bolt, Valve to Reservoir	3
				41	AW4/8	†Lockwasher, Valve to Reservoir	3

§ — Not Sold Separately.

† — Not Illustrated



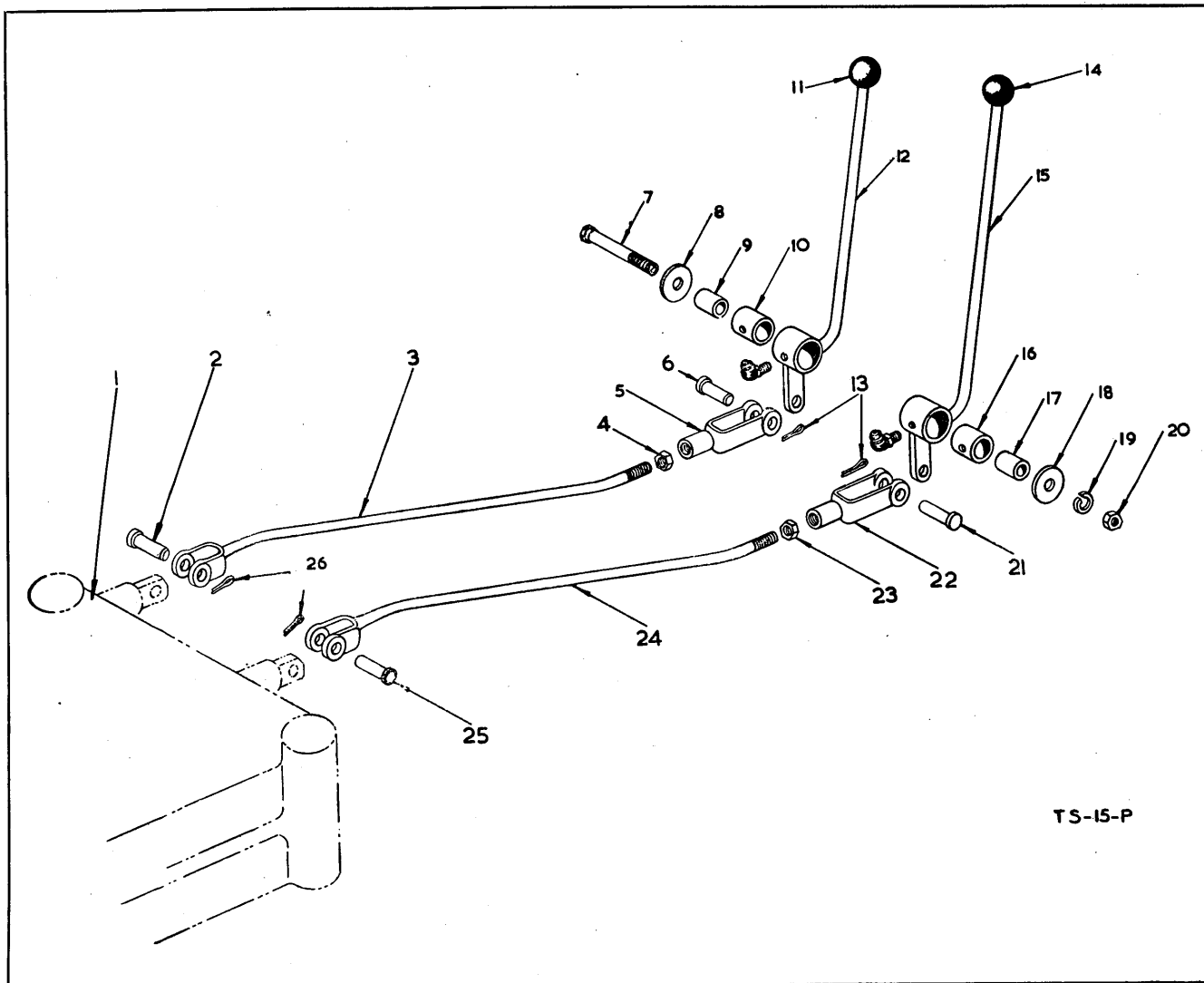
TP 1328

CONTROL VALVE ASSEMBLY

(For serials—OSI22/18 thru 23 only)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	AW202024	Control Valve Assembly (including Items 1 thru 58, and 62 thru 64).....	1	24	AW202042	"O" Ring.....	1
B	AW202073	Assembly Housing and Float Plunger (including Items 1 thru 14, 17, and 19 thru 23)....	1	25	AW202043	Seal	1
C	AW202074	Assembly Housing and D.A. Plunger (including Items 14, 24 thru 30, 44, 48 thru 58)....	1	26	AW202041	Eye, Plunger	1
D	AW202075	Assembly Housing and Relief Valve (including Items 15, 16, 18, 31 thru 47 and 61 thru 64)	1	27	AW202042	"O" Ring.....	1
E	AW202076	Assembly, Float Plunger and Housing (including Items 17 and 20)	1	28	AW202031	Spring, Check Valve.....	1
F	AW202077	Assembly, D.A. Plunger and Housing (including Items 29 and 52)	1	29		§Housing, D.A. Plunger (see Item F)	1
I	AW202025	Cover Float Plunger.....	1	30	M940064	Plunger, Check Valve.....	1
1A	AW202081	Cap Screw, Cover.....	2	31	AW202044	Acorn Nut	1
2	AW202026	Cap, Poppet	1	32	AW202045	Jam Nut	1
3	AW202028	Spring Detent	1	33	AW202046	Screw, Adjusting.....	1
4	AW202029	Poppet, Plunger	2	34	M940029	Guide, Spring	1
5	AW202030	"O" Ring	1	35	AW202047	Cap	1
6	AW202031	Spring, Check Valve.....	1	36	AW202048	"O" Ring.....	1
7	AW202032	Spacer Bush	1	37	AW202049	Spring, Relief Valve	1
8	AW202033	Seal, Cover	1	38	AW202036	"O" Ring.....	1
9	AW202034	"O" Ring.....	1	39	AW202050	Plunger, Relief Valve.....	1
10	AW202035	Insert	1	40	AW202051	Seat, Relief Valve	1
11	AW10/42	"O" Ring.....	1	41	AW202037	"O" Ring.....	1
12	AW202036	"O" Ring.....	1	42	AW202052	Bolt	3
13	M940064	Plunger, Check Valve.....	1	43	AW202053	"O" Ring.....	1
14	AW202037	"O" Ring.....	2	44	AW202036	"O" Ring.....	2
15	AW202038	Nut	3	45	AW202064	Housing, Relief Valve	1
16	AW202039	Lockwasher	3	46	AW202065	"O" Ring.....	1
17		§Operating Plunger, Float (see Item E)	1	47	AW202066	Cap, Hex.	1
18	AW202040	Cover	1	48	M940064	Plunger, Check Valve	1
19	AW202036	"O" Ring	1	49	AW202034	"O" Ring.....	1
20		§Housing, Float Plunger (see Item E)	1	50	AW202033	Seal Cover	1
21	AW202041	Eye, Plunger	1	51	AW202067	Spring, Check Valve	1
22	AW202042	"O" Ring.....	1	52		§Plunger, D.A. (see Item F).....	1
23	AW202043	Seal	1	53	AW202068	Cover	1
				53A	AW202082	Cap Screw, Cover.....	2
				54	AW202069	Spacer	1
				55	AW202070	Spring, Return	1
				56	AW202030	"O" Ring.....	1
				57	AW202071	Cap	1
				58	AW202072	Retainer, Spring	1
				59	AW15/25	†Bolt, Valve to Reservoir.....	4
				60	AW4/7	†Lockwasher, Valve to Reservoir	4
				61	AW202036	†"O" Ring Valve to Reservoir.....	1
				62	MI6F-12	†Plug (Small)	1
				63	AW202083	†Plug (Large)	1
				64	MI6F-06	†Plug 1/4" (Gauge Outlet)	1

† — Not Illustrated
§ — Not Sold Separately



VALVE CONTROL LEVERS AND LINKAGE

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Control Valve Assembly—see Index		13	AW5/87	Cotter, Clevis Pin.....	1
2	AW52/6	Pin, Valve Rod to Valve Clevis.....	1	14	M300208	Knob, Boom Valve Lever.....	1
3	M550647	Valve Rod Assembly.....	1	15	M550640	Valve Lever Assembly, Boom.....	1
4	AW8/69	Nut, Yoke Jam.....	1	16	M554081	Bushing, Lever Mtg.....	1
5	AW26/34	Yoke, Valve Rod.....	1	17	M550646	Sleeve, Lever Mtg.....	1
6	AW52/6	Pin, Yoke Clevis.....	1	18	M616796	Washer, Lever Mtg.....	1
7	AW16/324	Bolt, Lever Mtg.....	1	19	AW4/8	Lockwasher, Lever Mtg.....	1
8	M616796	Washer, Lever Mtg.....	1	20	AW6/69	Nut, Lever Mtg.....	1
9	M550646	Sleeve, Lever Mtg.....	1	21	AW52/6	Pin, Yoke Clevis.....	1
10	M554081	Bushing, Lever Mtg.....	1	22	AW26/34	Yoke, Valve Rod.....	1
11	M300208	Knob, Bucket Valve Lever.....	1	23	AW8/69	Nut, Yoke Jam.....	1
12	M550644	Valve Lever Assembly, Bucket	1	24	M550647	Valve Rod Assembly.....	1
				25	AW52/6	Pin, Valve Rod to Valve Clevis.....	1
				26	AW5/87	Cotter, Clevis Pin.....	2

BATTERY, HOLDER, WIRING AND PARTS

For serial: Model 75A (Leyland)—OS122/1 & thereafter. Model 75A (Perkins)—OS119/1 thru 17, Model 75A (Perkins)—OS199/1 & thereafter. Model 75A (Cummins)—OS201/1 & thereafter. Model 75A (D.A.F.)—OS220/1 & thereafter. Model 75A (Volvo)—OS176/1 & thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Battery		18	AW200054	Fuse Box.....	1
	AW200126	Perkins, Cummins and Volvo Powered	2	19		Bolt, Mounting Plate to Frame	
	AW200378	Leyland and DAF Powered....	2		UFB104/8R	Leyland, Perkins, DAF and Volvo Powered	2
2	AW200151	Box, Battery	1		AW12/301	Cummins Powered	2
3	AW56/303	Bolt, Battery Box to Frame	3	20		Nut, Mounting Plate to Frame	
4	AW56/305	Bolt, Battery Box to Frame	1		UFN104/A	Leyland, Perkins, DAF and Volvo Powered	2
5	AW6/67	Nut, Battery Box to Frame	4		AW6/65	Cummins Powered	2
6	AW4/6	Lockwasher, Battery Box to Frame	4	21	AW4/4	Spring Washer	2
7		Battery Hold Down Frame		22	AW22/13	Screw, Regulator and Fuse Box to Plate	8
	AW200177	Perkins, Cummins and Volvo Powered	1	23	AW23/3	Nut, Regulator and Fuse Box to Plate	8
	AW20366	Leyland and DAF Powered.....	1	24	AW36/22	Shakeproof Washer	8
8	AW200180	Stud, Battery Hold Down.....	4	25		Wiring Harness—Leyland Powered	
9	AW2/7	Washer, Battery Hold Down Stud.....	4		AW200383	for M/c Serials OS122/1 thru 212.....	1
10	AW4/5	Lockwasher, Battery Hold Down Stud.....	8		AW203046	for M/c Serials OS122/213 and after	1
11	AW6/66	Nut, Battery, Hold Down	12	25A		Wiring Harness—Perkins Powered	
12		Cable, Battery to Ground			AW200207	for M/c Serials OS119/1 thru 16.....	1
	AW113/12	Leyland, DAF and Volvo Powered	1		AW203045	for M/c Serials OS119/17 and after OS199/1 and after.....	1
	AW113/1	Perkins Powered.....	1	25B		Wiring Harness—Cummins Powered	1
	AW115/1	Cummins Powered	1		AW205663	for M/c Serials OS201/1 thru 3 & 6 thru 8.....	1
13		Cable, Battery Connector			AW207503	for M/c Serials OS201/4.....	1
	AW110/13	Leyland, Perkins and DAF Powered	1		AW207511	for M/c Serials OS201/5, 9 & after	1
	AW110/3	Cummins Powered	1	25C	AW206283	Wiring Harness—DAF Powered	1
	AW110/11	Volvo Powered	1	25D	AW206199	Wiring Harness—Volvo Powered.....	1
14		Cable, Battery + to Starter		26	AW202012	Horn Push	1
	AW113/24	Leyland Powered	1	27	283253/16	Clip, Harness to Dash	1
	AW113/33	Perkins Powered.....	1	28	283253/16	Clip, Starter Cable to Flywheel Housing	1
		Cummins Powered	1	29	AW22/7	Screw Clips to Dash and Flywheel Housing	2
	AW113/37	for M/c Serials OS201/1 thru 4 & 6 thru 8	1	30	AW23/3	Nut, Clips	2
	AW113/32	for M/c Serials OS201/5, 9 & after	1	31	AW2/5	Washer, Clips	2
	AW113/22	DAF Powered	1	32	411-221	Clip, Cable to Frame	3
15		Cable, Starter to Frame		33	411-32	Clip, Cable to Chassis	2
	AW114/21	Perkins and Cummins Powered.....	1	34	AW22/11	Screw, Cable to Chassis	5
	AW114/23	DAF and Volvo Powered	1	35	AW23/3	Nut, Cable to Chassis	5
16		Voltage Regulator		36	AW2/5	Plain Washer	5
	AW200382	Leyland Powered	1	37	AW4/3	Spring Washer	5
	AW200203	Perkins Powered	1	38	411-45	Clip, Reverse and Tail Lamp Jumpers	4
	11552	(Cummins Part No.) Cummins and DAF Powered.....	1				
	AW207257	Volvo Powered	1				
17		Mounting Plate, Fuse Box					
	AW200280	Leyland and Cummins Powered	1				
	AW200188	Perkins Powered.....	1				
	AW206050	DAF and Volvo Powered	1				

BATTERY, HOLDER, WIRING AND PARTS—(continued)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
39	411-503	Clip, Nearside Tail Lamp	1	56	AW39/1	Copper Washer—DAF and Volvo Powered	1
40	AW200218	2-Way Connector, Tail and Reverse Lamp	2	57	AW206040	Adaptor—DAF Powered	1
41	AW200384	Wire, Regulator Earthing	2	58	AW206053	Adaptor Assembly—DAF Powered	1
42	AW8403	*Windscreen Wiper (Cab)	1	59	AW77/8	Oil Pressure Gauge Line—DAF Powered	1
43	AW200442/6	*Cable, Wiper	1				
44	411-45	*Clip, Cable	7				
45	AW22/7	*Screw, Clip	7				
46	AW23/3	*Nut, Clip	7				
47	AW4/3	*Washer, Clip	7				
48	AW202134	Oil Pressure Switch	1				
49		Adaptor, Pressure Switch and Gauge Line	1				
	AW202182	Perkins Powered	1				
	AW202202	Leyland Powered	1				
	AW202711	Cummins Powered	1				
50	AW39/1	Washer, Soft Copper, Pressure Switch	1				
50A	AW39/11	Washer, Soft Copper—Cummins Powered	1				
51		Pipe Assembly, Oil Pressure Gauge (including Item 54)	1				
	AW77/4	Perkins and Cummins Powered	1				
	AW77/2	Leyland Powered	1				
52	AW201318	Washer, Pipe	1				
53	278581	Engine Temperature Gauge Adaptor—DAF Powered	1				
53A		Copper Washer—DAF Powered (supplied with Adaptor)	1				
54	AW77/6	Oil Pressure Pipe—DAF and Volvo Powered	1				
55	AW202321	Oil Pipe Adaptor—DAF Powered	1				

STARTER RELAY (CUMMINS)
for M/c Serials OS201/1 thru 4 & 6 thru 8

60		Starter Relay see Engine	
61	AW205391	Starter Relay Bracket	1
62	AW54/306	Bolt, Relay Bracket	2
63	AW4/4	Springwasher, Relay Bracket	2
64	AW6/65	Nut, Relay Bracket	2
65	AW52/303	Bolt, Relay Switch to Bracket	4
66	AW4/4	Springwasher, Relay Switch to Bracket	4
67	AW6/65	Nut, Relay Switch to Bracket	4

OIL PRESSURE RELAY
for M/c Serials OS201/4, 5, 9 & thereafter

68	AW203455	Switch, Relay	1
69	AW207300	Plate, Switch Mounting	1
70	UFS104/8R	Setscrew, Plate to Frame	2
71	UFN104/A	Nut, Plate to Frame	2
72	AW4/4	Lockwasher, Plate to Frame	2
73	AW22/34	Screw, Relay to Bracket	2
74	AW23/7	Nut, Relay to Bracket	2
75	AW4/1	Lockwasher, Relay to Bracket	2

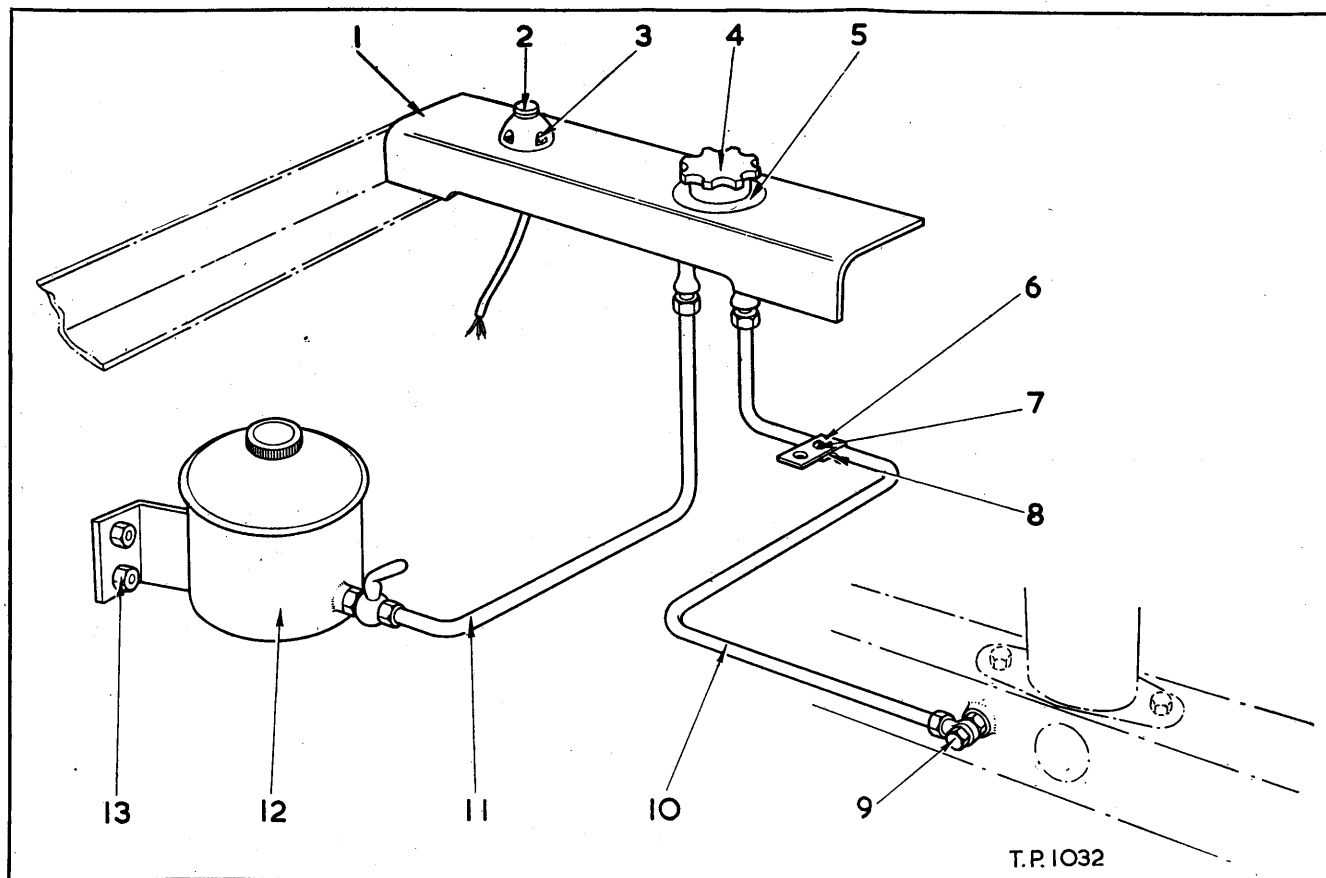
* — Used only when Cab is fitted

LIGHTS AND MOUNTINGS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200099	Light Mounting Plate Assembly (including Items 2, 3, 5, 6, 7 and 8)	1	14	AW4029	Screw, Lamp to Shroud.....	8
2	AW200027	Light Mounting Plate.....	1	15	AW36/22	Lockwasher, Lamp to Shroud....	8
3	AW64/9	Reverse Lamp Assembly (including Items 3A, 4 & 5).....	2	16	AW23/28	Nut, Lamp to Shroud.....	8
3A	AW201204	Glass, Reverse Lamp	2	17	AW64/10	Tail Lamp Assembly (Inc. 17A) ..	2
4	AW68/2	Bulb (24V System), Reverse.....	2	17A	AW201205	Glass, Tail Lamp	1
4A	AW68/1	Bulb (12V System), Reverse.....	2	18	AW68/4	Bulb (24V System), Tail Lamp....	2
5	AW22/13	Bolt, Lamp to Plate	8	18A	AW68/3	Bulb (12V System), Tail Lamp....	2
6	AW23/28	Nut, Lamp to Plate.....	8	19	AW200090	Bracket, Tail Lamp Mounting....	2
7	AW36/22	Lockwasher, Lamp to Plate.....	8	20	AW56/602	Bolt, Bracket to Grille.....	4
8	AW55/603	Bolt, Plate to Grille.....	4	21	AW4/6	Lockwasher, Bracket to Grille ..	4
9	AW13/603	Bolt, Plate to Grille.....	2	22	AW23/28	Nut, Lamp to Bracket.....	4
10	AW4/5	Lockwasher, Plate to Grille.....	6	23	AW36/22	Lockwasher, Lamp to Bracket....	4
11	AW6/98	Nut, Plate to Grille.....	2	24	AW200210	Earth Wire, Head and Reverse Lamps	4
12	AW64/9	Head Lamp Assembly (Including Item 12A)	2	25	AW200384	Earth Wire, Tail Lamps.....	2
12A	AW201204	Glass, Head Lamp.....	2	26	AW200208	Jumper Wire (Long), Tail and Reverse.....	2
13	AW68/2	Bulb (24V System) Head Lamp ..	2	27	AW200209	Jumper Wire (Short), Tail and Reverse.....	2
13A	AW68/1	Bulb (12V System), Head Lamp ..	2	28	AW201653	Stone Guard, Head Lamp.....	2
				29	AW201654	Distance Piece, Stone Guard.....	8

TOOLS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	M553412	Wrench, Wheel	1	6	M552167	Screwdriver	1
2	M552164	Handle, Wheel Wrench.....	1	7	M551971	Grease Gun	1
3	M552172	Wrench, Hub Bearing.....	1	8	M552171	Tool Bag.....	1
4	M552165	Hammer	1	9	AW32/49	Hydraulic Greaser	1
5	M552166	Pliers.....	1				



COLD START AND HORN PANEL (PERKINS)

(effective with serials OS119/1 and thereafter & OS199/1 and thereafter)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	AW200039	Panel	1	7A	AW23/3	Nut, Clip to Anchor Plate.....	1
2	AW200091	Horn Push.....	1	7B	AW4/51	Lockwasher, Clip to Plate.....	1
3	154-53	Bolt, Horn Push to Panel.....	2	8	411-117	Clip, Pipe.....	1
3A	AW23/7	Nut, Horn Push to Panel.....	2	9		Banjo Assembly (see Perkins Spares)	
3B	AW4/1	Lockwasher, Horn Push to Panel.....	2	10	AW200339	Pipe, Kigass Pump to Engine.....	1
4		Pump Unit, Kigass (see Perkins Spares)		11	AW200338	Pipe, Reservoir to Pump.....	1
5	AW22/26	Bolt, Pump to Panel.....	4	12		Reservoir (see Perkins Spares)	
5A	AW23/25	Nut, Pump to Panel.....	4	13	AW22/7	Bolt, Reservoir Mounting.....	4
5B	AW4/2	Washer, Pump to Panel.....	4	13A	AW23/2	Nut, Reservoir Mounting.....	4
6	AW200890	Anchor Plate, Pipe.....	1	13B	AW4/3	Lockwasher, Reservoir Mounting.....	4
7	AW22/9	Bolt, Clip to Anchor Plate.....	1				

COLD START AND HORN PANEL (CUMMINS, D.A.F., LEYLAND AND VOLVO)

For serial: Model 75A (Cummins)—OS201/1 & thereafter. Model 75A (D.A.F.)—OS220/1 & thereafter.
Model 75A (Leyland)—OS122/1 & thereafter. Model 75A (Volvo)—OS176/1 & thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Panel		3	154-53	Bolt, Horn Push to Panel.....	2
	AW205829	For Cummins Powered	1	3A	AW23/7	Nut, Horn Push to Panel	2
	AW200039	For DAF, Leyland and Volvo Powered	1	3B	AW4/1	Lockwasher, Horn Push to Panel	2
2	AW200091	Horn Push	1	4		Pump (Cummins)—see Fuel System	

WHEEL ASSEMBLY & TYRE DATA—WITH TUBE (8 PLY RATING)

Item No.	Description	"Earth Mover" EM3 14.00x24 (8 P.R.)	Suregrip Grader 14.00x24 (8 P.R.)	Ground Grip 14.00x24 (8 P.R.)	No. Req'd.
1	Wheel Assembly (including Items 2, 3, 4)	AW200227	AW200227	AW200227	4
2	Wheel Disc and Rim Base	AW201059	AW201059	AW201059	4
3	Lock Ring	AW201060	AW201060	AW201060	4
4	Side Ring	AW201061	AW201061	AW201061	4

WHEEL ASSEMBLY & TYRE DATA—WITH TUBE (12 PLY RATING)

Item No.	Description	"Earth Mover" EM3 14.00x24 (12 P.R.)	Suregrip Grader 14.00x24 (12 P.R.)	Ground Grip 14.00x24 (12 P.R.)	No. Req'd.
1	Wheel Assembly (including Items 2, 3, 4)	AW200227	AW200227	AW200227	4
2	Wheel Disc and Rim Base	AW201059	AW201059	AW201059	4
3	Lock Ring	AW201060	AW201060	AW201060	4
4	Side Ring	AW201061	AW201061	AW201061	4

WHEEL ASSEMBLY & TYRE DATA—WITH TUBE (16 PLY RATING)

Item No.	Description	Rock Lug 14.00x24 (16 P.R.)			No. Req'd.
1	Wheel Assembly (including Items 2, 3, 4)	AW201085	—	—	4
2	Wheel Disc and Rim Base	AW201086	—	—	4
3	Lock Ring	AW201087	—	—	4
4	Side Ring	AW201088	—	—	4