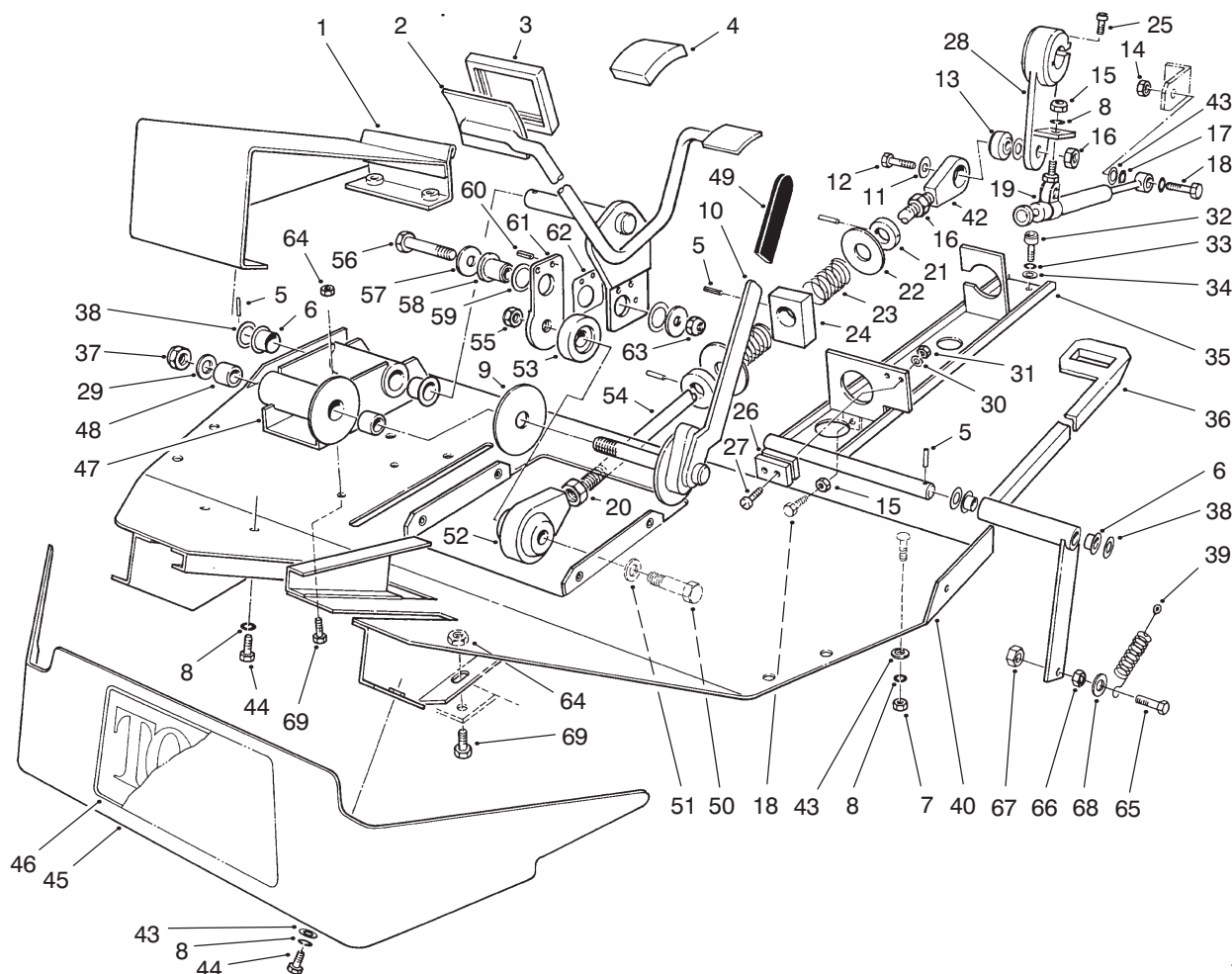


TORO®

MODEL NO. 03704-60174 & UP

PARTS CATALOG

REELMASTER® 4500D 4wd Traction Unit

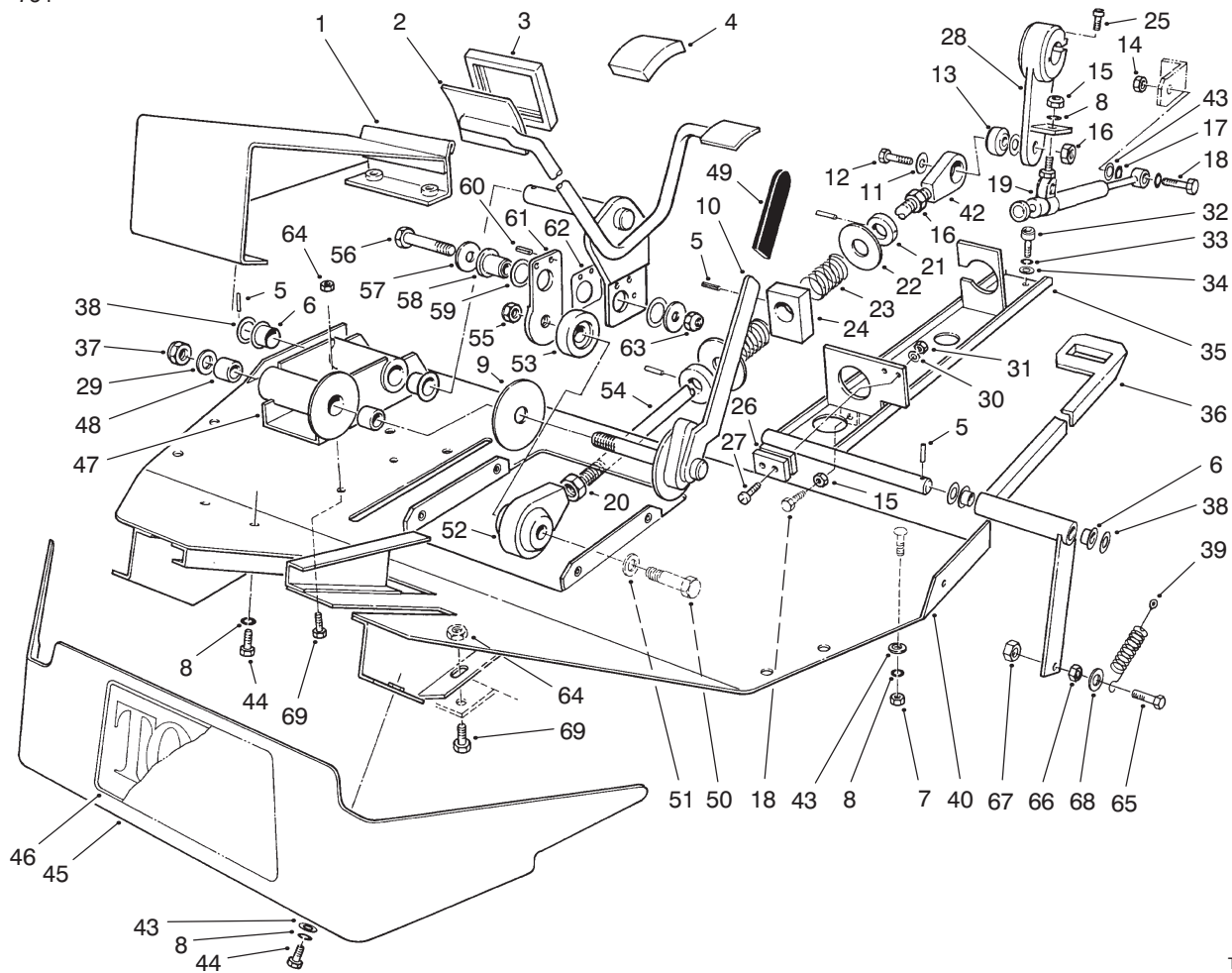


T-0113A

FOOT REST & PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	58-9580	Foot Rest	1
2	76-3280	Pedal - Traction	1
3	74-9100	Pad - Forward	1
4	74-9110	Pad - Reverse	1
5	60-2110	Pin - Roll	5
6	48-6790	Bushing - Flanged	4
7	48-7930	Nut - Hex.	3
8	48-9570	Washer - Lock	11
9	3-2858	Disc - Friction	1
10	60-1130	Lever	1
11	3290-483	Washer	3
12	325-9	Bolt	1
13	47-7030	Bushing - Rubber	1
14	48-9510	Nut - Hex.	1
15	48-7930	Nut - Hex.	3
16	3217-9	Nut - Hex.	2

Ref. No.	Part No.	Description	No. Used
17	3290-482	Washer	2
18	48-7740	Bolt	3
19	48-7100	Dampener	1
20	3219-5	Nut - Hex.	1
21	58-4310	Ring	2
22	58-5100	Washer	2
23	60-5700	Spring	2
24	58-9010	Block	1
25	3274-89	Bolt	1
26	29-6163	Switch	2
27	3250-40	Screw	2
28	92-9210	Lever Pump	1
29	60-6990	Washer	1
30	3255-24	Washer - Lock	2
31	3217-29	Nut - Hex.	2
32	3274-7	Bolt	2

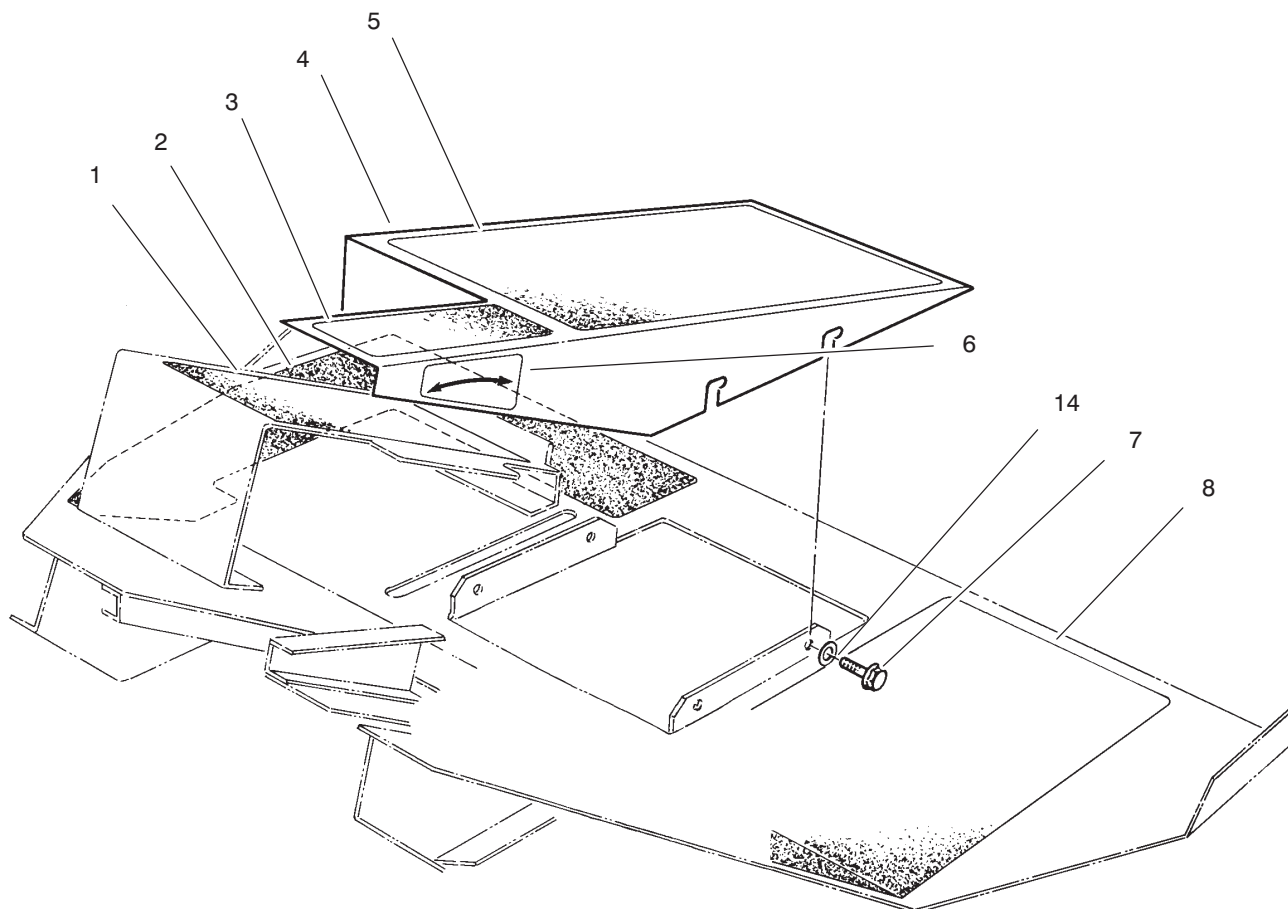


T-0113A

FOOT REST & PEDALS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
33	3253-5	Washer - Lock	2
34	3256-24	Washer	2
35	60-0730	Bracket - Lock, Neutral	1
36	92-9228	Lever - Neutral Lock	1
37	3296-19	Nut - Lock	1
38	60-6740	Washer	3
39	92-9221	Cable - Spring	1
40	92-4730	Plate - Floor	1
42	60-0760	Clevis	1
43	48-8030	Washer	9
44	66-3160	Bolt	7
45	58-0400	Shroud - Front	1
46	62-7400	Decal - Toro	1
47	60-0600	Bracket	1
48	60-1110	Bushing	2
49	3-7877	Grip	1
50	325-8	Screw - Cap Hex. Hd.	1
51	3256-26	Washer - Flat	1

Ref. No.	Part No.	Description	No. Used
52	2411-44	Rod End - Ball Joint	1
53	76-3350	Spacer	1
54	76-3430	Rod	1
55	3296-25	Nut - Lock	1
56	3211-6	Screw - Cap Hex. Hd.	1
57	3256-45	Washer - Flat	2
58	76-3370	Bushing	1
59	3256-76	Washer - Flat	2
60	32121-11	Pin - Roll	2
61	76-3340	Link	1
62	76-3330	Spacer	1
63	3296-6	Nut - Lock	1
64	32128-20	Nut - Flange	4
65	322-6	Screw - Cap Hex. Hd.	1
66	3218-2	Nut - Jam	1
67	3296-29	Nut - Lock	1
68	3256-3	Washer - Flat	1
69	3234-5	Screw - Flange Hex. Hd.	4

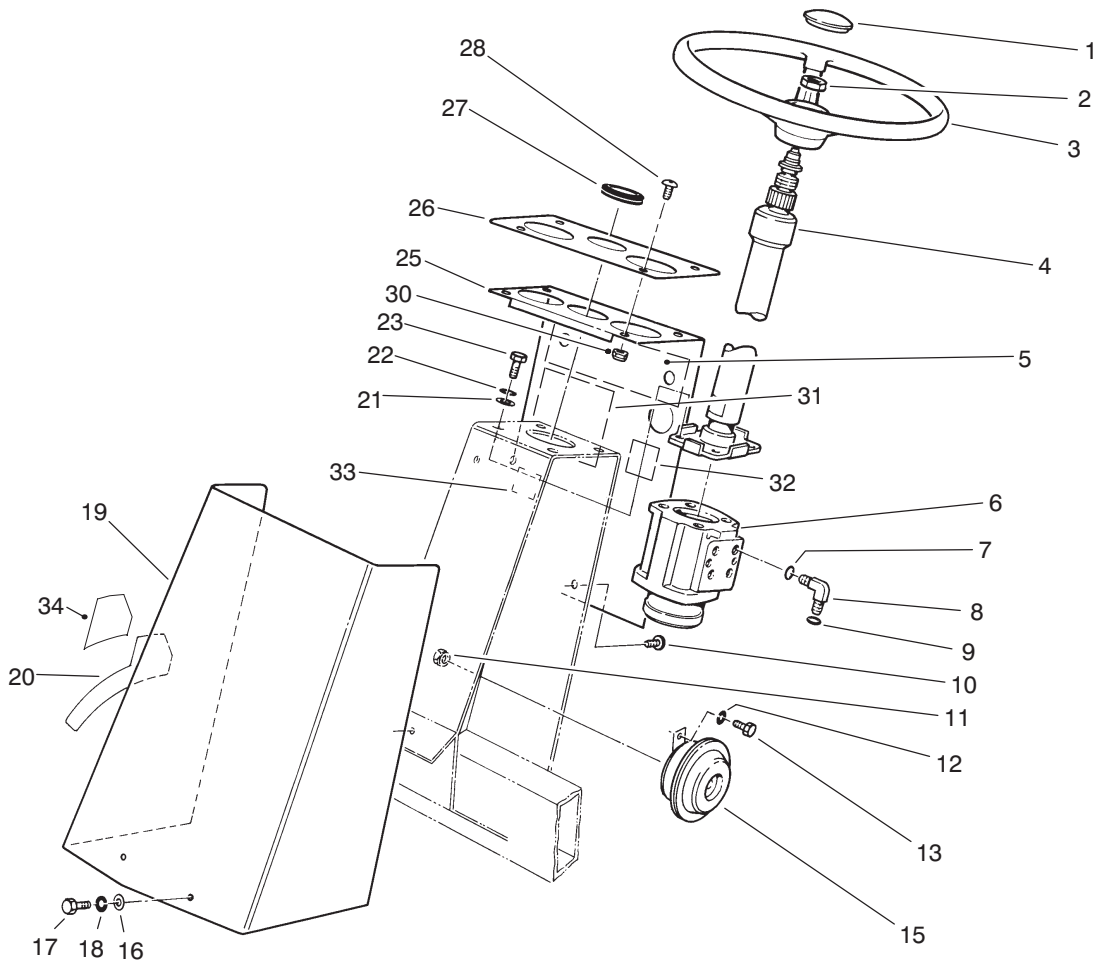


T-0114

FOOT PADS

Ref. No.	Part No.	Description	No. Used
1	59-7280	Foot Pad – Traction	1
2	58-6510	Foot Pad – R.H.	1
3	62-6440	Foot Pad	1
4	58-7390	Foot Rest Assembly	1
5	58-6630	Foot Pad – Center	1

Ref. No.	Part No.	Description	No. Used
6	59-7960	Decal – Latch	1
6	93-9409	Decal – Latch (Europe)	1
7	48-7620	Bolt – Hex. Flange Hd.	3
8	58-6620	Foot Pad – L.H.	1
14	3256-16	Washer – Flat	3



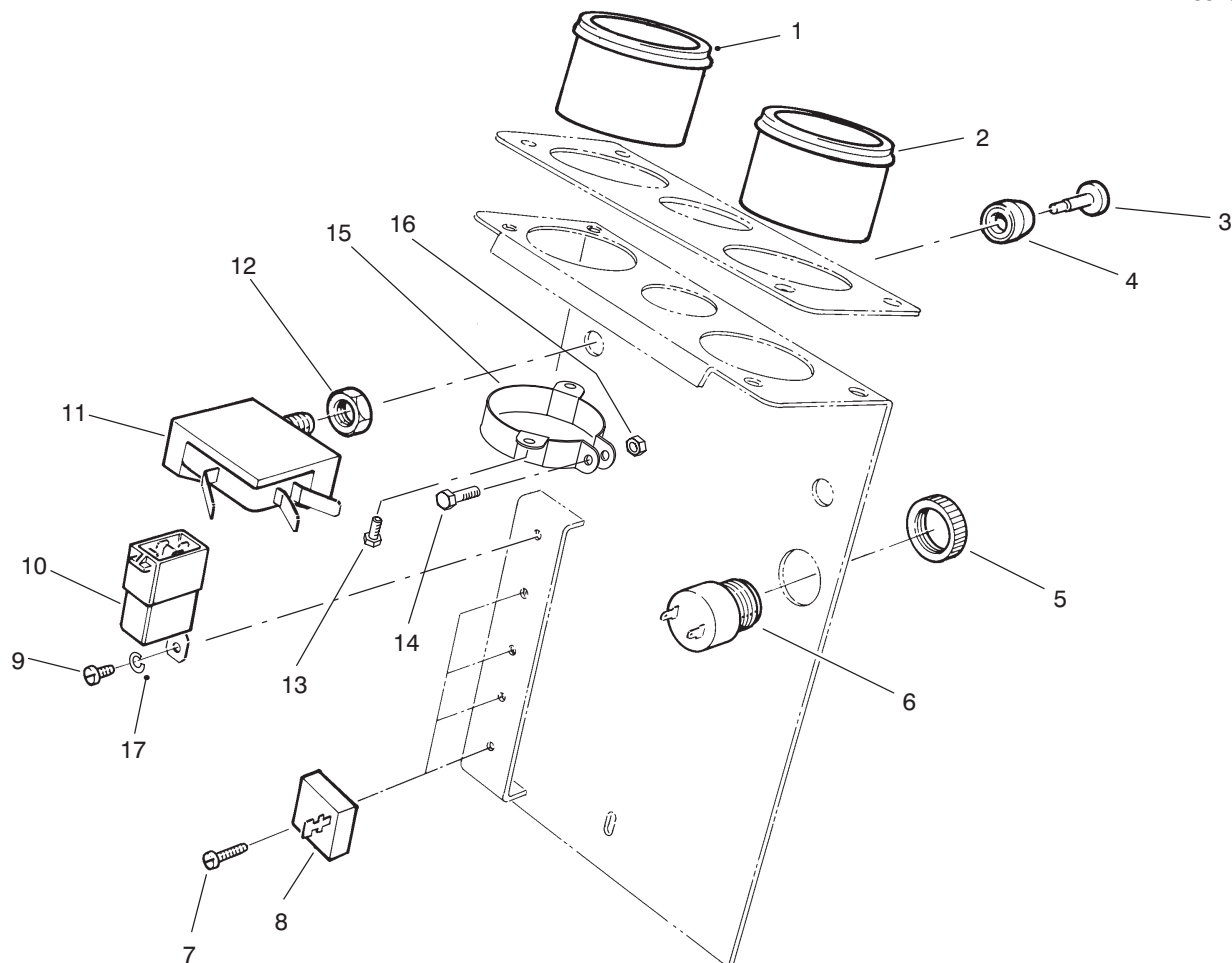
T-0115B

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	72-0130	Button – Horn	1
2	47-6990	Nut – Hex.	1
3	68-8080	Wheel – Steering	1
4	58-5960	Column – Steering	1
5	77-4830	Decal	1
5	93-9399	Decal – Noise (Europe)	1
6	92-9220	Valve – Steering	1
7	237-79	O-Ring	4
8	340-18	Fitting (Incl. Ref. #7 & 9)	4
9	237-22	O-Ring	4
10	60-3260	Screw	1
11	3217-6	Nut	1
12	3253-4	Washer – Lock	1
13	322-3	Screw – Cap Hex. Hd.	1
15	48-4590	Horn	1
16	48-8010	Washer	2
17	48-7610	Screw – Cap Hex. Hd.	2
18	43-5930	Washer – Lock	2

Ref. No.	Part No.	Description	No. Used
19	58-0500	Cover	1
20	63-4540	Decal – Ground Speed	1
*	93-9397	Decal – Ground Speed (Europe)	1
21	3256-24	Washer – Flat	4
22	3253-5	Washer – Lock	4
23	323-8	Screw – Cap Hex. Hd.	4
25	82-9310	Panel – Display	1
26	82-5890	Panel – Display	1
27	60-0790	Grommet	1
28	3274-68	Screw – Hex. Button Hd.	4
30	3296-42	Nut – Lock	4
31	92-5524	Decal – Noise Rating, 90 (Europe)	1
32	63-9920	Decal – EEC 105 (Europe)	1
33	93-7252	Decal – CE Mark (Europe)	1
34	93-9427	Decal – 5 Blade Clip (For use on 5 Blade Reels) (Europe)	1

*Not Illustrated



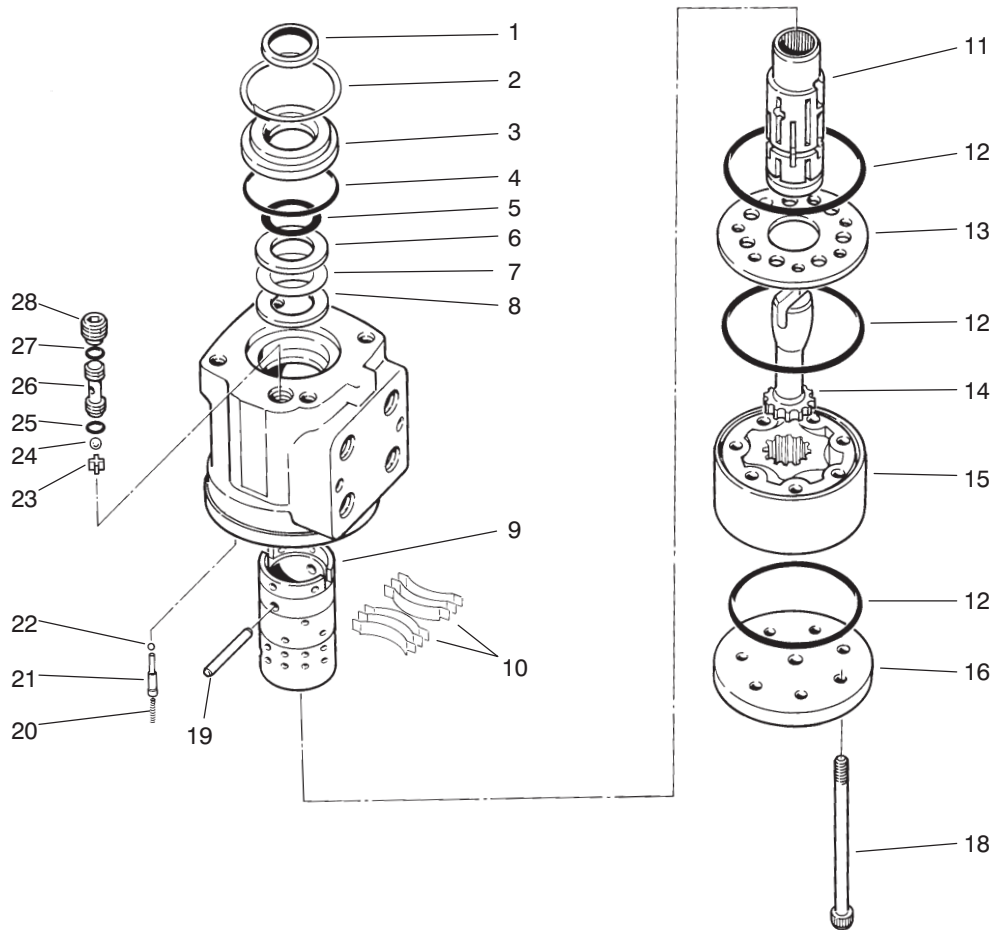
T-0122A

STEERING TOWER ELECTRICAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-1434	Cluster - Warning Lights	1	10	63-7590	Relay	1
2	93-1435	Cluster - Warning Lights	1	11	43-6290	Switch (Incl. Ref. #12)	2
3	43-6280	Button - Push	2	12	218-498	Nut - Hex.	2
4	43-6420	Bezel - Locking	2	13	32144-19	Screw - Cap Hex. Hd.	4
†5		Nut	1	14	32105-12	Screw - Cap Hex. Hd.	2
6	80-9330	Alarm - Audio (Incl. Ref. #5)	1	15	69-4780	Clamp - Gauge	2
7	3251-4	Screw - Pan Hd.	4	16	3296-2	Nut - Hex.	2
8	37-7600	Rectifier	4	17	3253-2	Washer - Lock	1
9	3251-1	Screw - Pan Hd.	1	*	219-17	Bulb - Warning Light	8

†Not Serviceable Separately

*Not Illustrated



T-1065

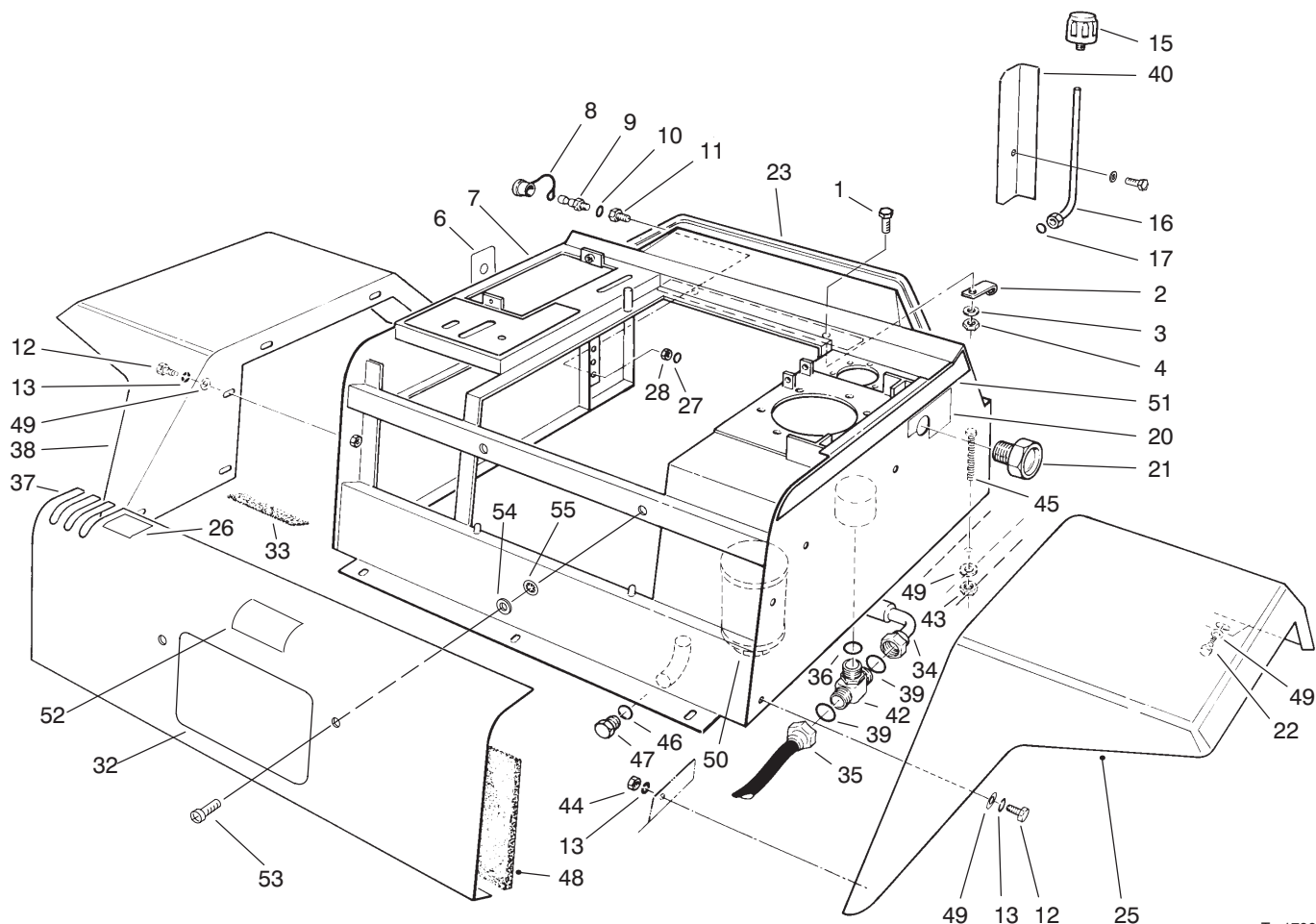
POWER STEERING VALVE ASSEMBLY NO. 92-9220

Ref. No.	Part No.	Description	No. Used
†1		Seal 1" I.D.	1
2	52-9230	Ring - Retaining	1
3	52-9240	Bushing - Seal Gland	1
†4		Seal 1.875 I.D.	1
†5		Seal - Quad Ring 1.062 I.D.	1
6	59-6730	Race - Bearing	2
7	59-6740	Bearing - Needle, Thrust	1
†8		Housing	1
†9		Sleeve - Control	1
10	59-6820	Kit - Centering Spring	1
†11		Spool - Control	1
†12		Seal	3
13	92-9732	Plate - Spacer	1
14	59-6860	Drive	1
15	59-6870	Gerotor	1
16	92-9730	Cap - End	1
18	92-9733	Screw - Cap	7

Ref. No.	Part No.	Description	No. Used
19	59-6830	Kit - Pin, Centering	1
20	74-3090	Spring	2
21	92-9737	Plug - Retainer	2
22	74-3140	Ball - Check	2
23	52-9290	Retainer - Ball, Check	1
24	52-9280	Ball - Check	1
†25		Seal	1
26	52-9270	Seat - Check Ball	1
†27		Seal	1
28	52-9260	Screw - Set	1
*	52-9250	Kit - Bearing, Needle (Incl. Ref. #7 & 8)	1
*	92-9749	Kit - Seal (Incl. Ref. #1, 4, 5, 12, 25 & 27)	1
*	92-9747	Kit - End Cap (Incl. Ref. #13, 16, & 18)	1

*Not Illustrated

†Not Serviceable Separately

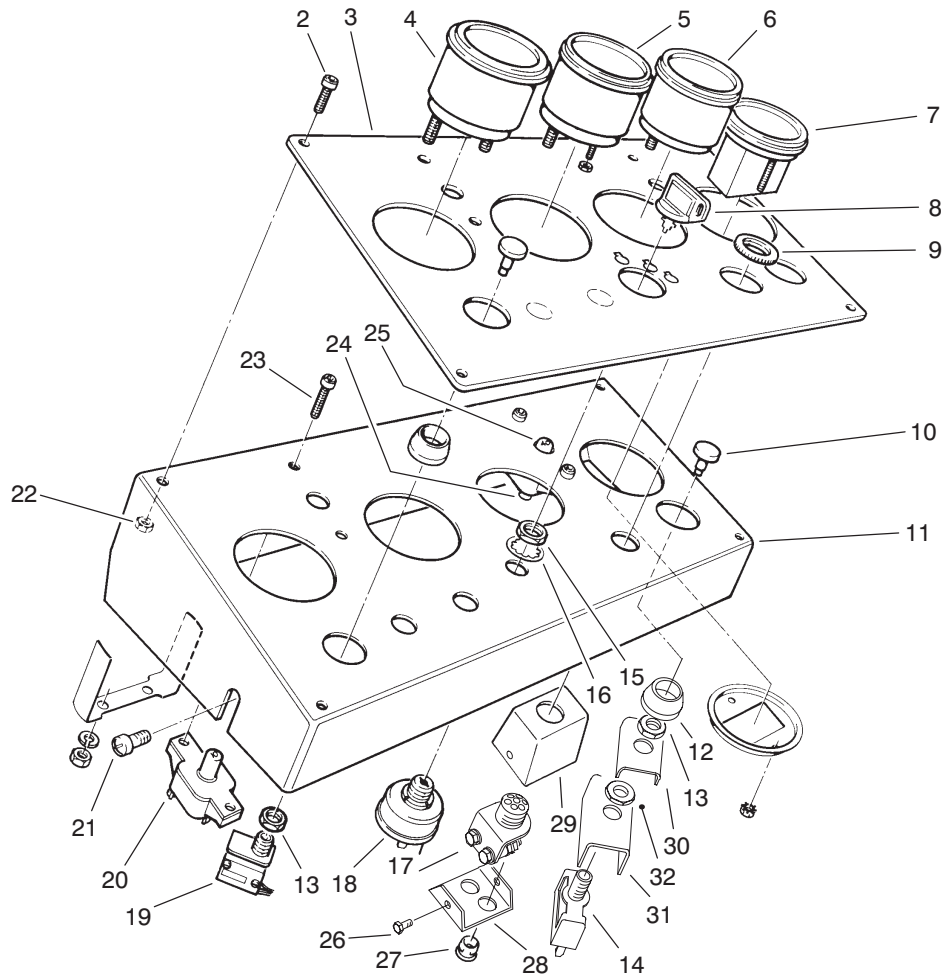


T-1700A

FENDERS & CENTER CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-3	Screw - Cap Hex. Hd.	2
2	2412-106	Clamp - R	2
3	3256-22	Washer - Flat	2
4	3296-42	Nut - Lock	2
6	58-6680	Panel - Test Ports	1
6	93-9401	Decal - Test Ports (Europe)	1
7	92-9273	Console - Center	1
8	353-947	Cap - Dust	5
9	59-7410	Fitting - Diagnostic (Incl. Ref. #10)	5
10	237-42	O-Ring	5
11	58-6580	Fitting (Incl. Ref. #27 & 28)	5
12	48-7620	Bolt	10
13	43-5930	Washer - Lock	12
15	68-6150	Breather	1
16	92-4751	Tube - Breather	1
17	237-65	O-Ring	1
20	59-7290	Decal - Hyd. Fill	1
20	93-9406	Decal - Hyd. Fill (Europe)	1
21	58-5940	Sight Glass	1
22	48-6900	Screw - Self-Tap	4
23	92-5682	Seal	1
25	58-0980	Fender - LH	1
26	62-6290	Decal - Lift Lever	1
26	93-9407	Decal - Lift Lever (Europe)	1
27	237-21	O-Ring	5
28	3220-11	Nut - Hex.	5

Ref. No.	Part No.	Description	No. Used
32	58-6540	Decal - Operator Warning	1
32	93-9408	Decal - Warning (Europe)	1
33	68-7840	Strip - Foam	1
34	92-4725	Hose - Hydraulic	1
35	92-5694	Hose - Hydraulic	1
36	237-79	Seal - O-Ring	1
37	58-1750	Panel - Access	1
38	92-4746	Fender - RH	1
39	237-22	Seal - O-Ring	2
40	60-2020	Shield - Heat	1
42	92-4799	Fitting - Hydraulic Tee (Incl. Ref. #36 & 39)	1
43	3296-42	Nut - Lock	2
44	48-7890	Nut	10
45	321-24	Screw - Cap Hex. Hd.	2
46	237-80	O-Ring	1
47	58-9160	Drain Plug Assembly (Incl. Ref. #46)	1
48	68-7810	Panel - Lining	1
49	3256-22	Washer - Flat	16
50	48-7120	Element - Suction	1
51	92-5699	Decal - 4wd LH	1
*	86-6490	Decal - 4wd RH	1
52	93-9425	Decal - Danger (Europe)	1
52	93-9426	Decal - Danger	1
53	3250-36	Screw - Phil. Hd.	2
54	3256-3	Washer - Flat	2
55	32151-72	Ring - Retaining	2

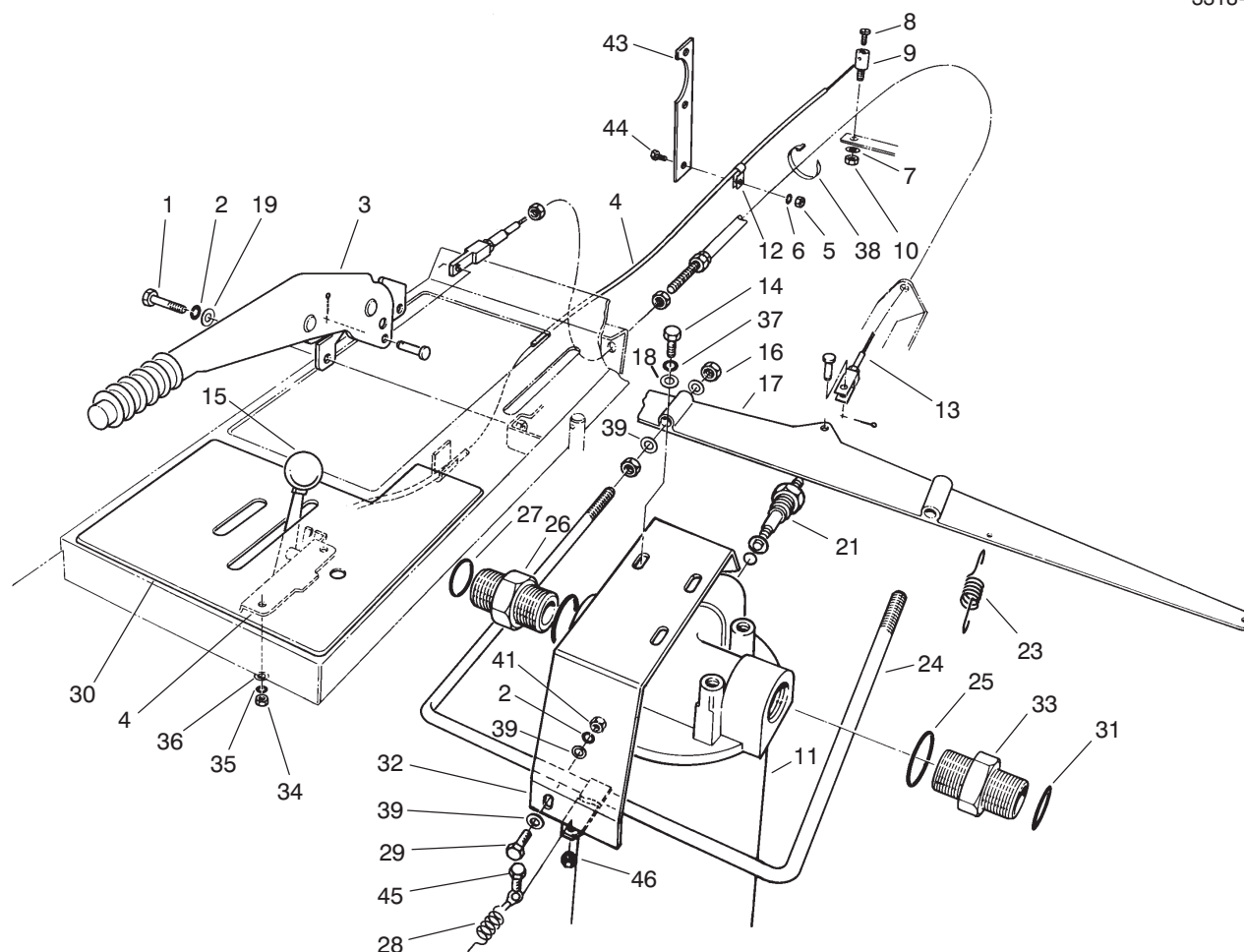


T-1210-2

INSTRUMENT PANEL

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	3274-68	Screw - Mach.	4	18	27-2360	Key Switch Assembly (Incl. Ref. #15 & 16)	1
3	92-5656	Plate - Face, Instrument	1	19	72-9760	Switch - Override (Incl. Ref. #13)	1
3	93-9403	Panel - Face, Instrument (Europe)	1	20	43-4001	Breaker - Circuit, 10 Amp.	1
4	77-4840	Speedometer	1	21	60-2170	Screw - Pan Hd.	2
5	92-9211	Gauge - Temperature	1	22	3296-42	Nut - Lock	4
6	66-2940	Gauge - Fuel	1	23	3274-90	Screw	4
7	66-2950	Hourmeter	1	24	3250-18	Screw - Mach. Pan Hd.	2
8	63-8360	Key - Ignition	2	25	43-4000	Breaker - Circuit, 40 Amp.	1
†9		Nut	1	26	32144-73	Screw - Cap Hex. Hd.	2
10	43-6280	Button - Push	2	27	92-5256	Bushing - Universal	2
11	92-5657	Panel - Instrument	1	28	93-7793	Plate	1
12	43-6420	Bezel	2	29	93-7792	Shield - Glow Plug Indicator	1
13	218-498	Nut - Hex.	2	30	93-7791	Bracket	1
14	59-7220	Switch - Glow Plug (Incl. Ref. #13)	1	31	93-7790	Shield	1
15	218-446	Nut - Switch	1	32	218-497	Nut - Beveled	1
16	218-447	Washer - Lock, Switch	1				
17	58-2040	Indicator - Glow Plug (Incl. Ref. #9)	1				

†Not Serviceable Separately

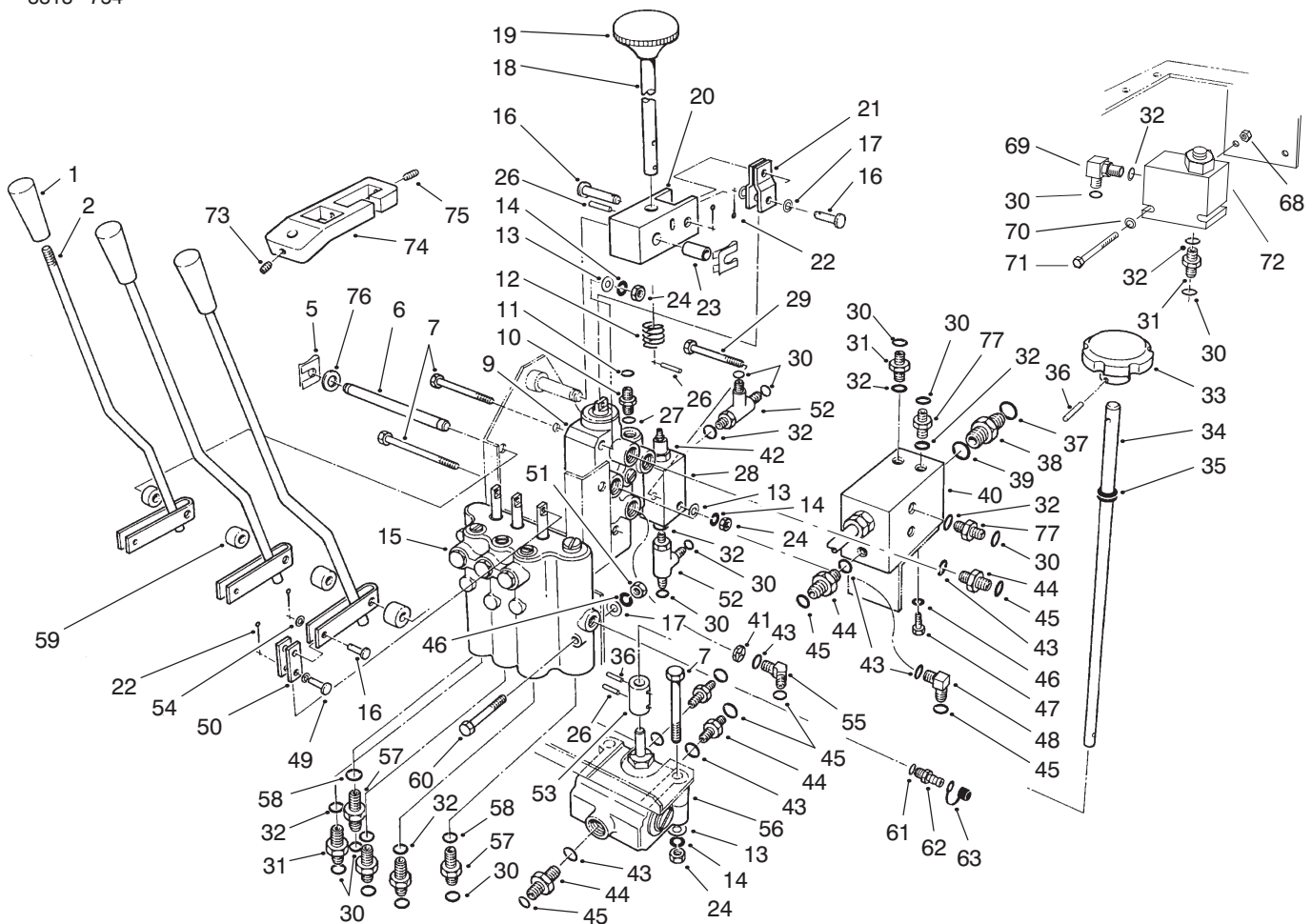


T-0120

PARKING BRAKE, THROTTLE & OIL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	48-7700	Bolt	2	25	237-123	O-Ring	2
2	48-9570	Washer - Lock	2	26	340-80	Adapter (Incl. Ref. #25 & 27)	1
3	53-6070	Brake - Parking	1	27	340-65	O-Ring	1
4	59-7240	Throttle Assembly (Incl. Ref. #15)	1	28	92-9221	Cable - Spring	1
5	3217-5	Nut - Hex.	1	29	322-6	Bolt	2
6	3253-3	Washer - Lock	1	30	58-6560	Panel - Side, Control	1
7	3256-22	Washer - Flat	1	30	93-9402	Panel - Side, Control (Europe)	1
8	25-8640	Screw	1	31	340-64	O-Ring	1
9	25-9090	Swivel	1	32	84-6470	Bracket - Filter	1
10	3296-13	Nut - Hex.	1	33	340-10	Adapter (Incl. Ref. #25 & 31)	1
†11	86-6110	Element Assembly	1	34	48-7880	Nut - Hex.	2
12	2412-31	Clip	1	35	48-8000	Washer - Lock	2
13	92-9222	Cable - Brake	1	36	52-6430	Washer	2
14	323-5	Bolt	3	37	3253-5	Washer - Lock	3
15	233-25	Knob	1	38	3290-378	Cable - Tie	1
16	3217-6	Nut - Hex.	4	39	3256-23	Washer - Flat	8
17	58-2170	Bar	1	41	3217-6	Nut - Hex.	2
18	3256-3	Washer - Flat	3	43	92-4754	Bracket - Cable	1
19	48-8030	Washer	2	44	321-4	Screw - Cap Hex. Hd.	1
21	86-6100	Switch - Filter Warning	1	45	11-9030	Bolt	1
22	86-6090	Hydraulic Oil Filter Assembly (Incl. Ref. #11 & 21)	1	46	3296-42	Nut - Lock	1
23	60-2140	Spring	2				
24	92-9225	Yoke Assembly	1				

†Do Not Substitute

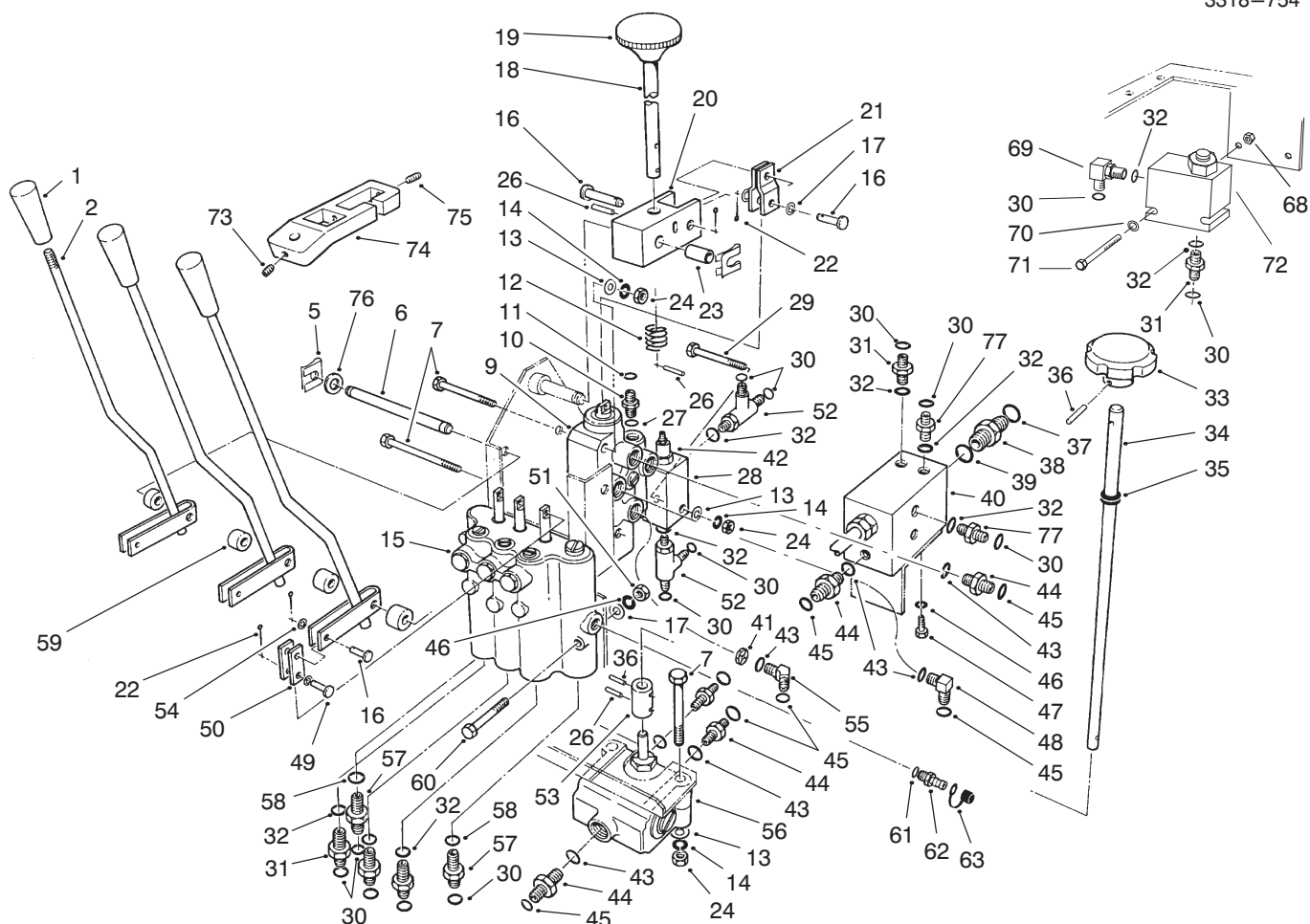


T-0121B

VALVE CONTROLS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	233-39	Knob	3	29	322-9	Bolt	1
2	74-3190	Lever - Lift	3	30	237-22	O-Ring	15
5	60-5690	Clip - Safety	3	31	340-2	Fitting (Incl. Ref. #30 & 32)	5
6	58-1520	Pin - Pivot	1	32	237-42	O-Ring	11
7	322-12	Bolt	4	33	59-7130	Knob	1
9	63-4800	Valve - Control	1	34	58-1510	Shaft	1
10	340-92	Fitting (Incl. Ref. #11 & 27)	1	35	59-7910	Grommet	1
11	237-21	O-Ring	1	36	60-2110	Pin - Spirol	2
12	58-7190	Spring	1	37	340-64	O-Ring	1
13	3256-23	Washer - Flat	5	38	340-80	Fitting (Incl. Ref. #37 & 39)	1
14	3253-4	Washer - Lock	5	39	237-123	O-Ring	1
15	93-1432	Valve - Lift Control	1	40	58-2150	Manifold	1
16	58-3830	Pin - Clevis	5	41	66-5410	Orifice	1
17	48-8010	Washer	4	†42		Cartridge - Pressure Relief	1
18	58-4450	Lever	1	43	237-80	O-Ring	9
19	233-10	Knob	1	44	340-7	Fitting (Incl. Ref. #43 & 45)	6
20	58-4460	Clevis	1	45	237-65	O-Ring	9
21	58-1570	Link	2	46	43-5930	Washer - Lock	4
22	58-1480	Pin - Cotter	8	47	48-7620	Bolt	2
23	60-0550	Bushing	1	48	340-17	Fitting (Incl. Ref. #43 & 45)	2
24	3217-6	Nut - Hex.	5	49	58-3810	Pin - Clevis	3
26	32121-118	Pin - Roll	2	50	58-1560	Link	6
27	237-78	O-Ring	1				
28	58-5520	Valve (Incl. Ref. #42)	1				

†Not Serviceable Separately.

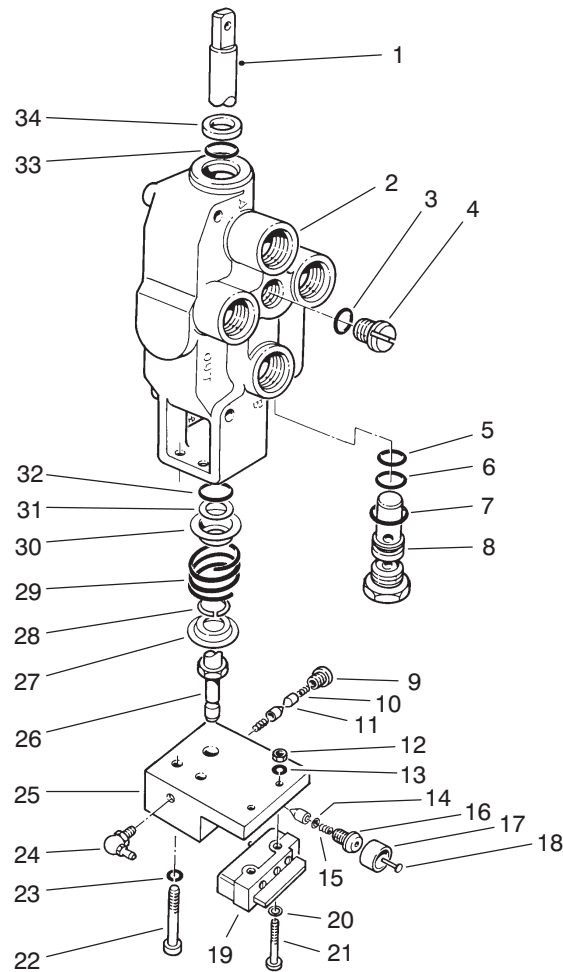


T-0121B

VALVE CONTROLS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
51	48-7890	Nut – Hex.	1	68	3296-8	Nut – Lock	2
52	340-86	Fitting – Hydraulic Tee (Incl. Ref. #30 & 32)	2	69	340-77	Elbow – 90° (Incl. Ref. #30 & 32)	1
53	58-1530	Coupling	1	70	3256-22	Washer – Flat	2
53	93-7768	Coupling (Europe)	1	71	321-11	Screw – Cap Hex. Hd.	2
54	52-6430	Washer	6	72	63-4700	Valve – Flow Regulator	1
55	66-5860	Adapter – 45° (Incl. Ref. #43 & 45)	1	73	3245-44	Screw – Set	1
56	58-5490	Valve – Flow Control	1	74	74-3170	Linkage – Cross Cut Control	1
57	340-3	Fitting (Incl. Ref. #30 & 58)	2	75	3245-45	Screw – Set	2
58	237-79	O-Ring	2	76	3256-24	Washer – Flat	2
59	58-1540	Spacer	4	77	92-9258	Fitting – Check Valve (Incl. Ref. #30 & 32)	3
60	60-6650	Bolt	2	*	66-5590	Kit – Seal (For Item #72)	1
61	237-42	O-Ring	1	*	66-5580	Kit – Seal Repair (For Item #28)	1
62	59-7410	Fitting – Diagnostic (Incl. Ref. #61)	1				
63	353-947	Cap – Dust	1				

*Not Illustrated



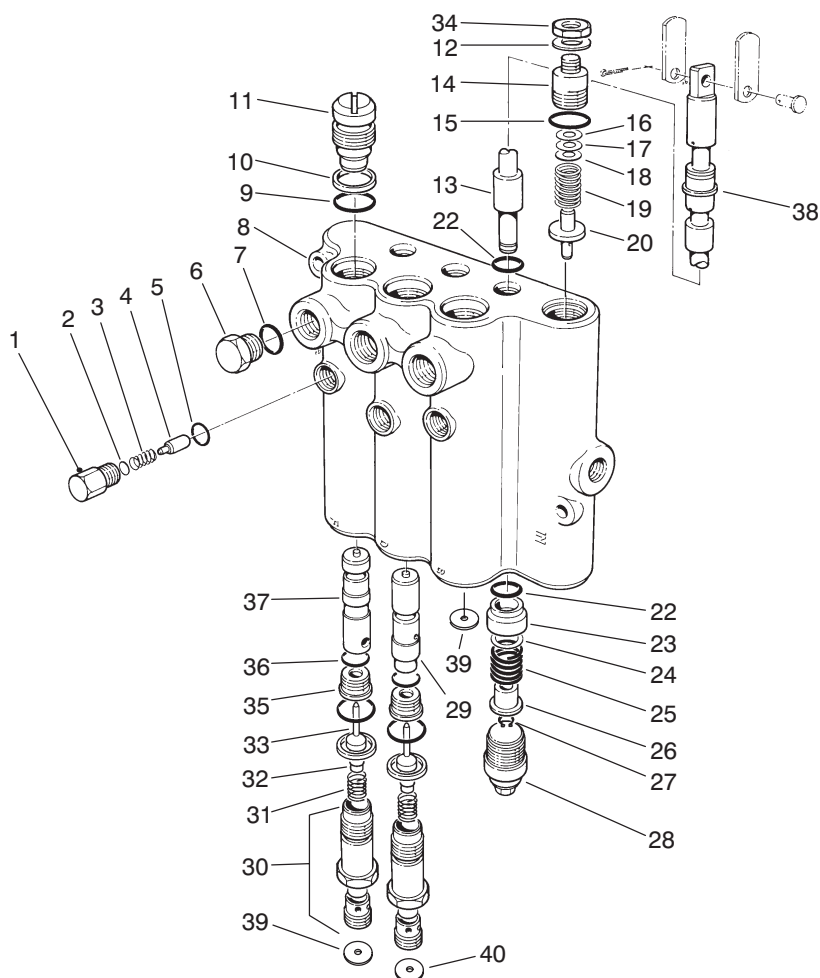
T-0123

REEL CONTROL VALVE ASSEMBLY NO. 63-4800

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		Spool	1	19	60-4550	Switch - Micro	1
†2		Body	1	20	3256-13	Washer - Flat	2
3	59-8140	O-Ring	1	21	66-5430	Screw - Machine	2
4	59-8160	Plug	1	22	63-4830	Screw - Cap Hd.	2
		(Incl. Ref. #3)	1	23	59-8070	Washer - Lock	2
5	63-4440	O-Ring	1	24	302-66	Fitting - Grease	1
6	59-7860	Washer - Backup	1	25	63-4820	Detent - Block	1
7	42-1220	O-Ring	1	26	63-4840	Spool - Screw	1
8	63-4780	Valve - Relief	1	27	59-8100	Washer - Shallow	1
		(Incl. Ref. #5-7)	1	28	59-8170	Washer - Wire	1
9	59-8060	Plug - Detent	1	29	59-8040	Spring	1
10	59-8050	Spring - Detent	2	30	59-8080	Washer - Deep	1
11	59-8150	Pawl - Detent	3	31	59-8180	Washer	1
12	66-5440	Nut - Lock	2	32	59-7780	O-Ring	1
13	3253-19	Washer - Lock	2	33	59-8120	O-Ring	1
14	63-4860	Circlip	1	34	59-8190	Wiper	1
15	63-4510	Spring	1	*	59-8250	Kit - Seal	1
16	59-8230	Plug	1			(Incl. Ref. #3, 4-7, 32 & 34)	
17	66-5420	Sleeve	1				
18	63-4850	Plunger	1				

*Not Illustrated

†Not Serviceable Separately



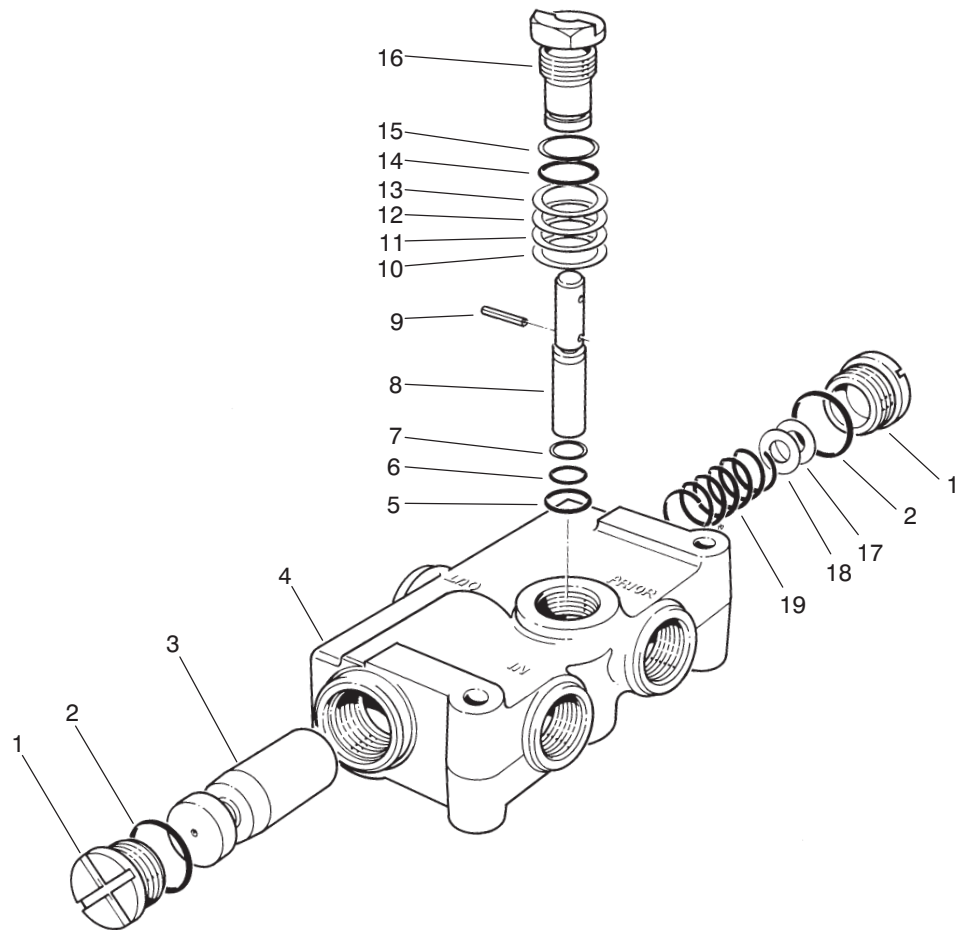
T-0124A

CONTROL VALVE ASSEMBLY NO. 93-1432

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-6780	Plug Assembly (Incl. Ref. #5)	3	22	58-6450	O-Ring	6
2	60-6450	Disc	A/R	23	58-6400	Bushing	3
3	58-6760	Spring	3	24	58-6700	Washer	3
4	58-6770	Detent Plunger	3	25	58-6730	Spring	3
5	58-6790	O-Ring	3	26	58-6310	Spacer	3
6	58-6710	Plug Assembly (Incl. Ref. #7)	3	27	58-6460	Ring - Retaining	3
7	58-6720	O-Ring	3	28	58-6420	Assembly - Cap	3
†8		Body	1	29	84-6430	Plunger	1
9	60-5720	O-Ring	6	30	58-6380	Assembly - Plug	3
10	58-6310	Washer - Backup	6	31	58-6410	Spring	3
11	58-6350	Plug Assembly (Incl. Ref. #9 & 10)	3	32	60-6440	Eyelet	3
†12		Washer	1	33	58-6290	Poppet Assembly	3
†13		Spool	3	†34		Nut - Lock	1
14	69-1830	Plug Assembly (Incl. Ref. #12, 15 & 34)	1	35	58-6330	Seat Assembly (Incl. Ref. #36)	3
15	58-6750	O-Ring	1	36	58-6340	O-Ring	3
16	58-6470	Washer	A/R	37	84-6420	Plunger	2
17	58-6480	Washer	A/R	38	58-6320	Wiper - Seal	3
18	58-6490	Washer	A/R	39	84-6400	Orifice - .047 Dia.	2
19	84-6450	Spring	1	40	84-6401	Orifice - .052 Dia.	1
20	58-6440	Poppet	1	*	60-3780	Kit - Seal (Incl. Ref. #5, 7, 9, 10, 15, 22, 27, 33, 36 & 38)	1

*Not Illustrated

†Not Serviceable Separately

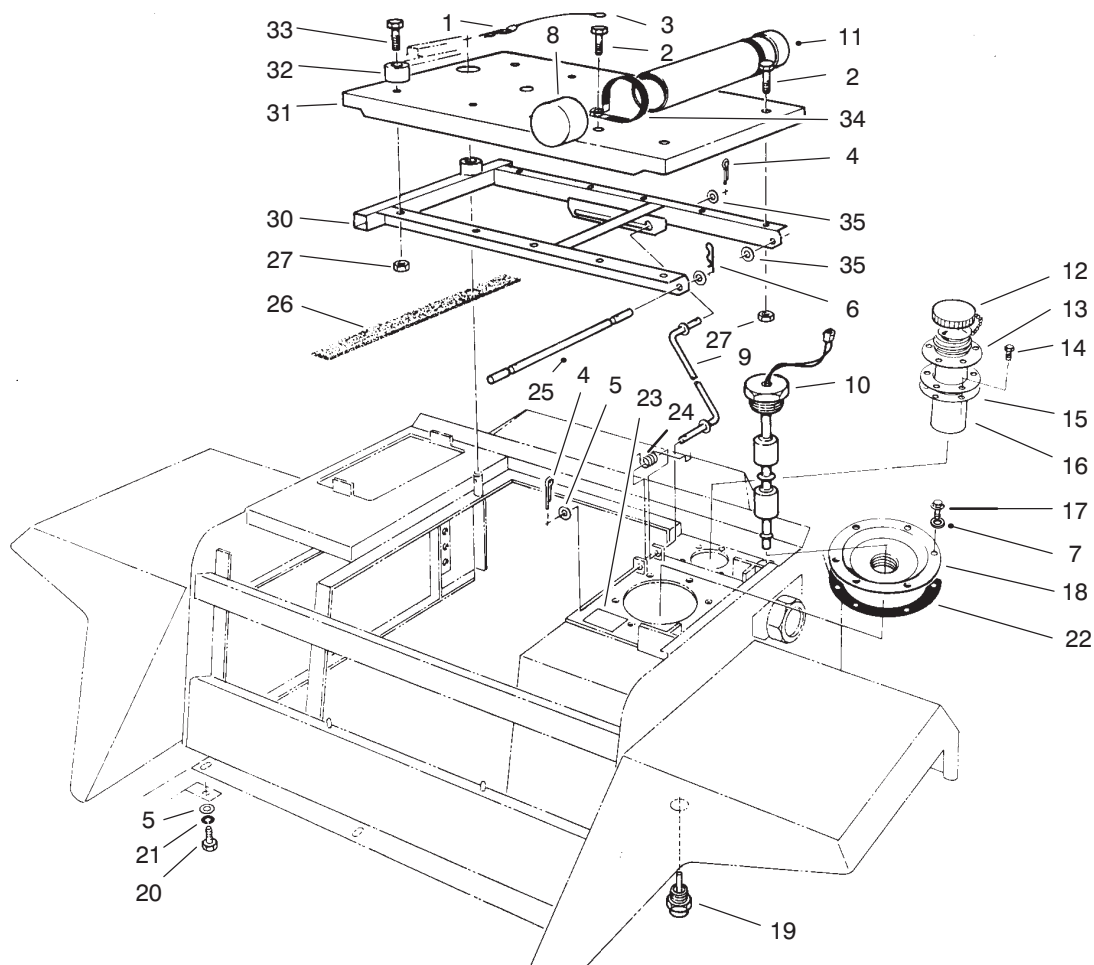


T-0125

PRIORITY FLOW CONTROL VALVE NO. 58-5490

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	59-7600	Plug Assembly (Incl. Ref. #2)	2	13	59-7720	Shim	A/R
2	59-7610	O-Ring	2	14	59-7780	O-Ring	1
†3		Spool	1	15	58-6370	Washer - Backup	1
†4		Body	1	†16		Plug - Metering	1
5	59-7640	O-Ring	1	17	59-7750	Shim	A/R
6	59-7650	O-Ring	1	18	59-7760	Shim	A/R
7	60-5950	Washer - Backup	1	19	59-7770	Spring	1
†8		Metering Stem	1	*	63-4520	Kit - Seal (Incl. Ref. #2, 5-7,14 & 15)	1
†9		Pin - Groove	1				
†10		Shim	A/R	*	94-8265	Kit - Metering (Incl. Ref. #8-12 & 16)	1
†11		Shim	A/R				
†12		Shim	A/R				

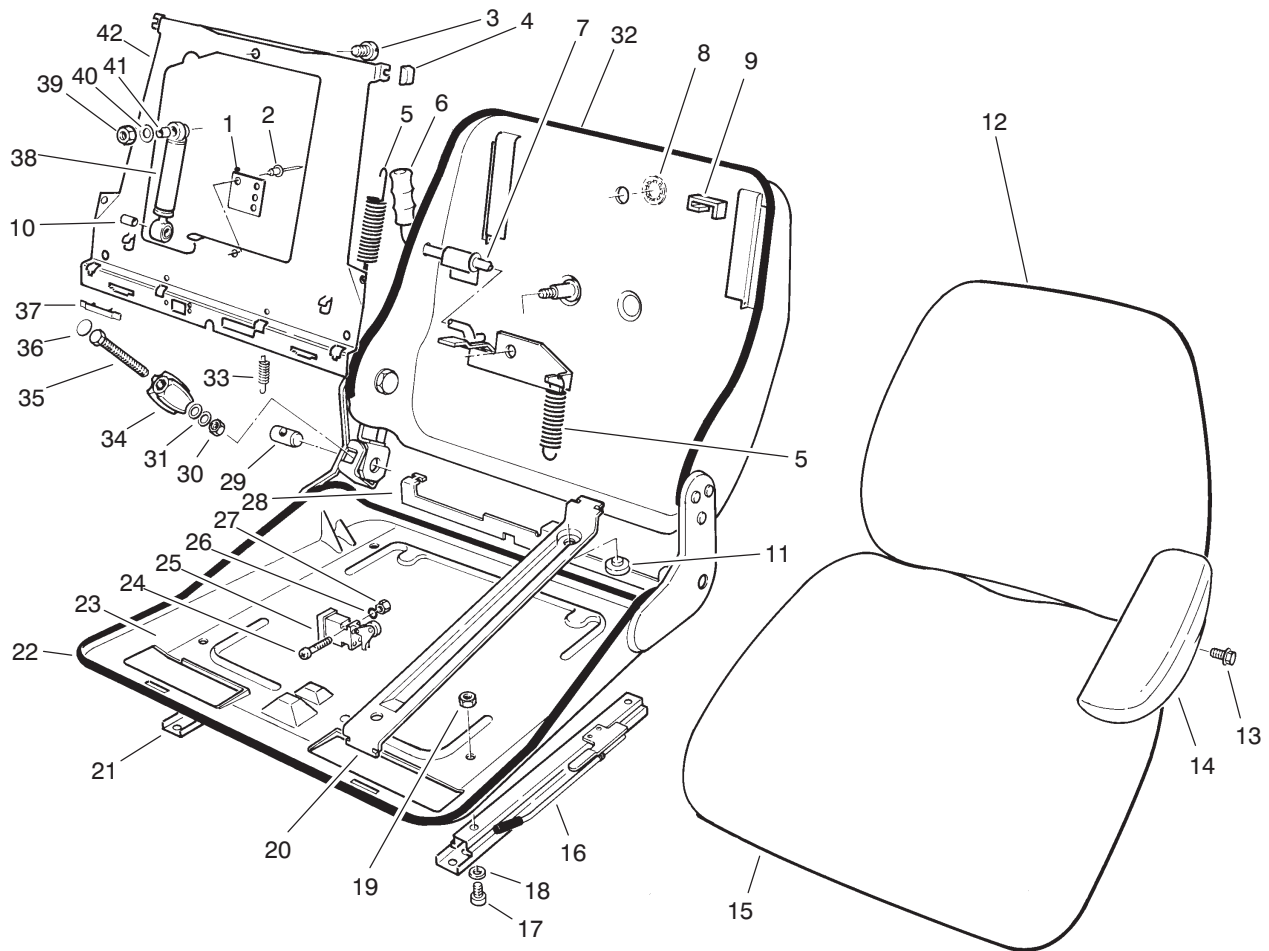
*Not Illustrated
†Not Serviceable Separately



T-1787

SEAT PLATFORM & FILLER CAP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3290-355	Clip - Retaining	1	18	92-9200	Cover	1
2	3234-5	Screw - Flange Hex. Hd.	6	19	60-5580	Switch - Temperature	1
3	60-2160	Wire - Retaining (Incl. Ref. #1)	1	20	48-9470	Screw - Cap Hex. Hd.	2
4	3272-11	Pin - Cotter	2	21	48-9590	Washer - Lock	2
5	48-9580	Washer	2	22	58-6820	Gasket	1
6	3290-250	Pin - Hair, Cotter	2	23	58-6530	Decal - Hydraulic Oil	1
7	3253-15	Washer - Lock	6	23	93-8067	Decal - Hydraulic Oil (Europe)	1
8	65-5890	Cap - Tube	2	24	60-0050	Spring	1
9	58-1650	Rod - Seat	1	25	58-1640	Pin - Seat Pivot	1
10	82-9340	Switch - Oil Level	1	26	68-7850	Strip - Foam	1
11	65-5870	Tube - Manual	1	27	32128-20	Nut - Hex.	10
12	71-4040	Assembly - Filler Cap (Incl. Ref. #13-16)	1	30	58-1580	Seat Frame Assembly	1
13	353-961	Bayonet Flange	1	31	58-9830	Plate - Seat	1
14	32144-107	Screw - Cap Hex. Hd.	6	32	26-4840	Spacer	4
15	353-963	Gasket	2	33	322-6	Screw - Cap Hex. Hd.	4
16	62-2610	Strainer	1	34	2412-102	R-Clamp	2
17	46-0670	Screw - Pan Hd.	6	35	3256-24	Washer - Flat	4



T-1208

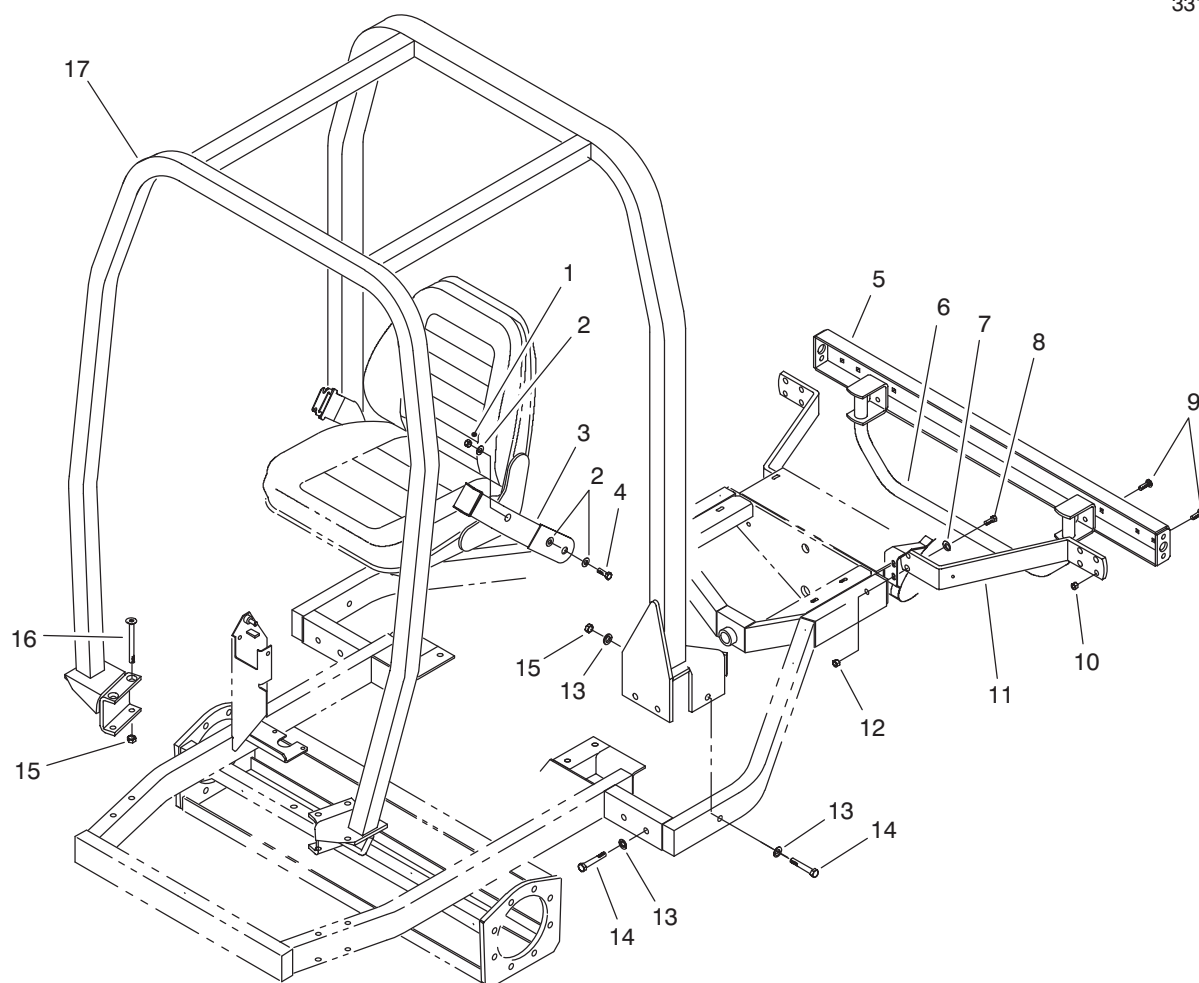
SUSPENSION SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	82-2850	Plate	1
2	82-9680	Rivet	2
3	82-9700	Screw	1
4	82-2730	Kit - Wear Parts (Incl. Ref. #8-11)	1
5	82-2740	Spring Set - Tension	1
6	56-4150	Grip - Handle	1
7	82-2870	Lever - Adjust	1
†8		Cover	1
†9		Bumper	2
†10		Bushing	1
†11		Pad	2
12	82-2800	Cushion - Backrest	1
13	56-3850	Screw - Mach. Hex. Hd.	4
14	55-4330	Arm Rest - L.H.	1
*	55-4331	Arm Rest - R.H.	1
15	82-2840	Cushion - Bottom	1
16	92-2951	Rail - Adjust. L.H.	1
17	82-9690	Screw	4
18	82-9660	Washer	4
19	82-9650	Nut	4
20	82-2820	Swing Arm Assembly (Incl. Ref. #28 & 41)	1
21	82-2790	Rail - Adjust. R.H.	1
22	82-9710	Trim - Bottom	1
23	82-2720	Frame - Seat	1

Ref. No.	Part No.	Description	No. Used
24	82-9640	Screw	2
25	82-2810	Switch Assembly (Incl. Ref. #24, & 26-27)	1
26	82-9620	Washer - Spring	2
27	82-9630	Nut	2
†28		Pivot - Back Plate	1
29	56-4170	Clevis - Threaded	1
30	56-3890	Nut	1
31	56-3880	Washer	2
32	82-9720	Trim - Backrest	1
33	82-2860	Spring Set - Tension	1
34	82-2750	Spindle Adj. Assembly (Incl. Ref. #29-31 & 34-36)	1
35	82-2710	Screw	1
†36		Cover	1
37	82-2830	Clamp	2
38	82-2770	Shock Absorber Assembly	1
39	82-9670	Nut	1
40	56-3940	Washer	1
41	82-2760	Kit - Bushing (Incl. Ref. #39 & 40)	1
†42		Plate - Backrest	1
*	82-2880	Weight Adj. Assembly (Incl. Ref. #5-7 & 41)	1

*Not Illustrated

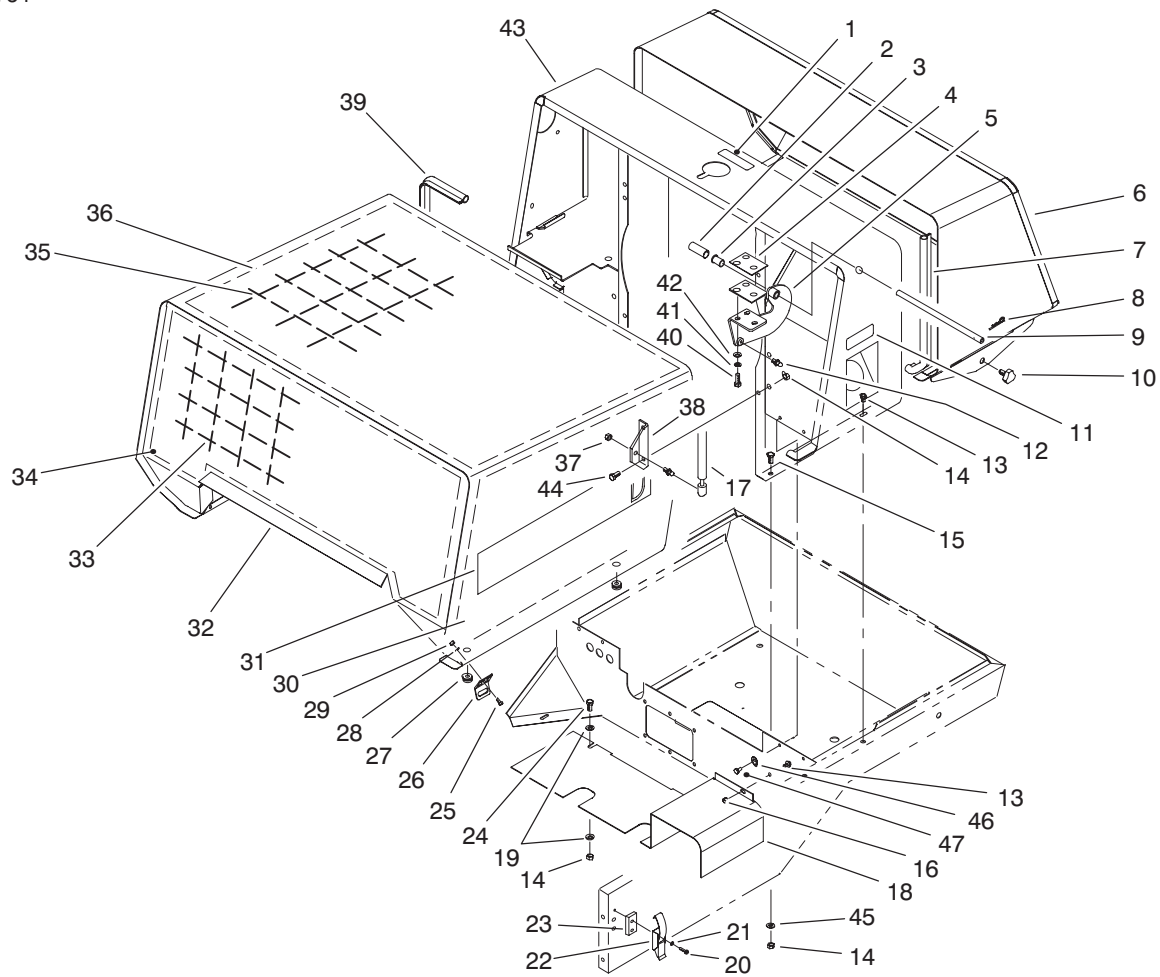
†Not Serviceable Separately



T-1696

ROLL OVER PROTECTION SYSTEM (R.O.P.S.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-48	Nut - Lock	2	10	3296-39	Nut - Lock	12
2	3256-25	Washer - Flat	6	11	92-6051	Bracket - Bumper	2
3	21-4191	Seat Belt Assembly	1	12	3296-39	Nut - Lock	4
4	324-5	Screw - Cap Hex. Hd.	2	13	3256-26	Washer - Flat	12
5	92-6052	Bumper - Rear	1	14	325-12	Screw - Cap Hex. Hd.	6
6	92-6050	Guard - Hose	1	15	3296-23	Nut - Lock	10
7	3256-24	Washer - Flat	4	16	3289-25	Screw - Socket Flat Hd.	4
8	323-19	Screw - Cap Hex. Hd.	4	17	92-2987	R.O.P.S. Frame Assembly	1
9	3231-25	Bolt - Carriage	12				

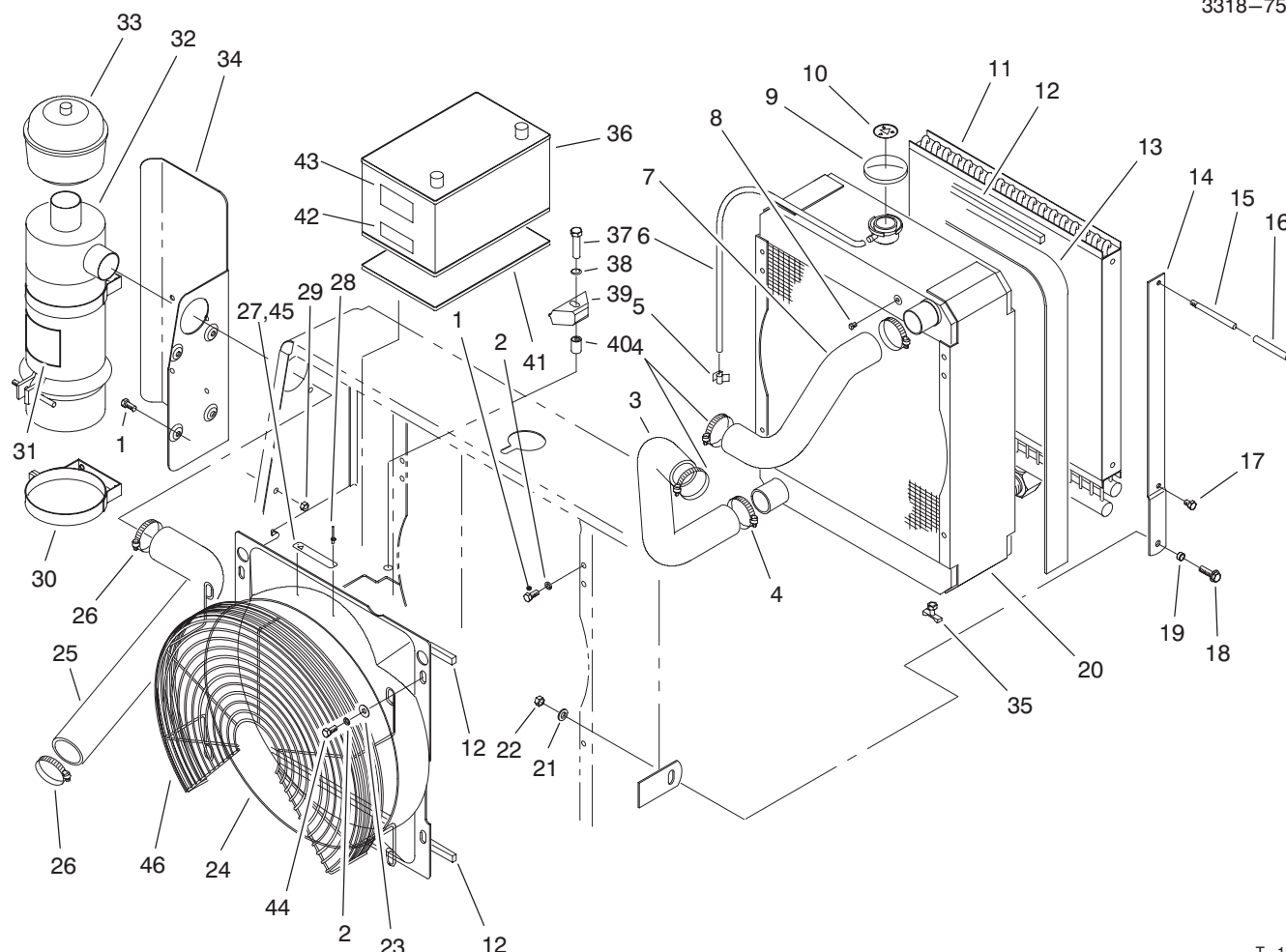


T-1683A

FRONT & REAR CANOPY ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-6940	Decal - Coolant Only	1	23	58-7070	Spacer	2
1	93-9404	Decal - Coolant (Europe)	1	24	322-3	Screw - Cap Hex. Hd.	1
2	92-5655	Spacer	2	25	3250-31	Screw - Pan Hd.	8
3	58-3930	Bushing - Flange	2	26	68-6040	Bracket - Latch	2
4	58-5330	Spacer - Hinge	A/R	27	237-141	Grommet	4
*	58-5350	Spacer - Hinge	A/R	28	3256-51	Washer - Flat	8
5	58-1970	Hinge - LH	1	29	3296-27	Nut - Hex.	8
*	58-1980	Hinge - RH	1	30	92-5681	Foam - Side LH	1
6	92-4793	Screen - Rear	1	*	92-5680	Foam - Side RH	1
7	92-5253	Strip - Sealing	1	31	86-6470	Decal - RM4500D	2
8	3290-355	Pin - Hair Cotter	2	32	92-4712	Canopy - Front	1
9	58-3910	Pin - Hinge	2	33	92-5673	Support - Foam Front	1
10	77-3620	Knob - Retainer	2	34	92-5679	Foam - Front	1
11	52-1321	Decal - Diesel Fuel	1	35	92-5672	Support - Foam Top/Side	1
11	93-6680	Decal - Diesel Fuel (Europe)	1	36	92-5678	Foam - Top	1
12	86-6130	Stud - Ball	4	37	48-9510	Nut - Lock	2
13	3234-13	Screw - Hex. Flange Hd.	9	38	92-5652	Bracket - Gas Spring	2
14	3296-29	Nut - Lock	9	39	92-6060	Strip - Sealing	1
15	322-5	Screw - Cap Hex. Hd.	4	40	48-9460	Screw - Cap Hex. Hd.	6
16	3296-56	Nut - Lock	5	41	48-9570	Washer - Lock	6
17	88-6760	Spring - Gas	2	42	48-8030	Washer - Flat	6
18	92-5270	Baffle - Lower Body	1	43	93-1445	Canopy - Center (Incl. Ref. #1 & 11)	1
19	3256-23	Washer - Flat	2	44	322-4	Screw - Cap Hex. Hd.	4
20	3250-25	Screw - Pan Hd.	4	45	3256-3	Washer - Flat	4
21	3253-2	Washer - Lock	4	46	3253-3	Washer - Lock	4
22	58-5380	Latch - Draw	2	47	321-2	Screw - HH	4

*Not Illustrated

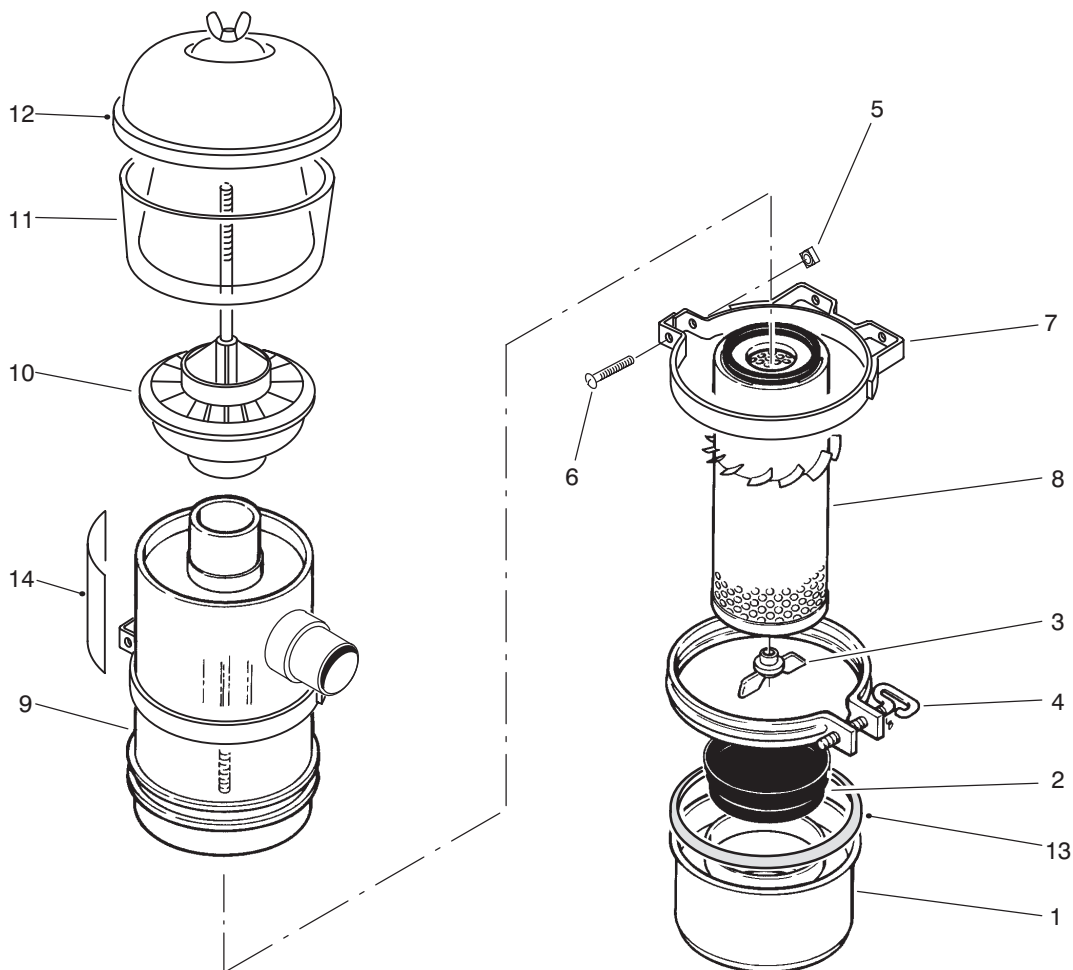


T-1682A

RADIATOR, OIL COOLER & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-3	Screw - Cap Hex. Hd.	10	25	92-9245	Hose - Intake	1
2	3253-4	Washer - Lock	6	26	2412-42	Clamp - Hose	2
3	92-4795	Hose - Radiator Lower	1	27	76-8750	Plate - Caution (Model 03704 & Europe)	1
4	2412-92	Clamp - Hose	4	28	3290-271	Rivet - Pop	2
5	60-0930	Clip	3	29	3296-29	Nut - Lock	8
6	60-3680	Hose - Overflow	1	30	27-7170	Band - Mounting	2
7	92-4796	Hose - Radiator Upper	1	31	27-7160	Decal - Instruction	1
8	281-2	Plug Pipe	1	32	27-7100	Air Cleaner Assembly	1
9	58-5420	Cap - Radiator	1	33	48-7430	Pre-Cleaner Assembly	1
10	59-8440	Decal - Warning	1	34	92-6065	Shield	1
11	58-5540	Cooler - Hydraulic Oil	1	35	304-46	Valve - Drain	1
12	68-7575	Strip - Sealing	3	†36		Battery	1
13	92-6062	Foam - Radiator Seal	1	37	323-9	Screw - Cap Hex. Hd.	1
14	92-4753	Strap - Oil Cooler	2	38	3256-24	Washer	1
15	75-7790	Handle	2	39	66-2490	Retainer - Battery	1
16	47-2550	Grip - Handle	2	40	32148-9	Insert - Threaded	1
17	48-7680	Screw - Cap Hex. Hd.	2	41	93-1420	Tray - Battery	1
18	3234-11	Screw - Hex. Flange Hd.	2	42	93-6668	Decal - Battery (Europe)	1
19	76-2290	Spacer	2	43	93-7276	Decal - Danger (Europe)	1
20	92-4729	Radiator Assembly (Incl. Ref. #35)	1	44	322-4	Screw - HH	4
21	3256-24	Washer - Flat	3	44	322-5	Screw - HH (Europe)	4
22	3296-39	Nut - Lock	2	45	93-6681	Decal - Fan, (Europe)	1
23	3256-71	Washer - Flat	4	46	93-7752	Guard - Fan (Europe)	1
24	92-4798	Shroud - Fan	1				

†Obtain Locally



T-1684

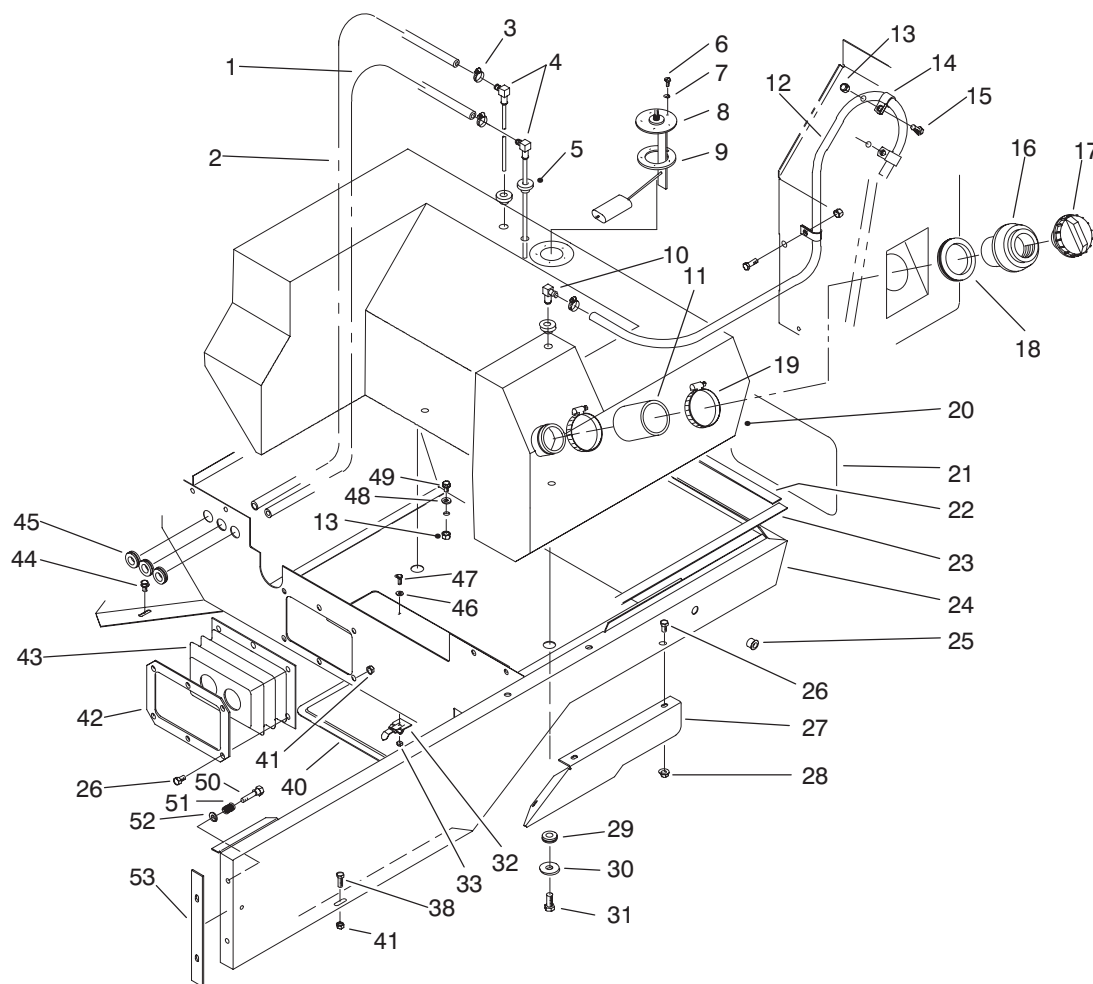
AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-7150	Cup Assembly	1
2	27-7140	Baffle	1
3	27-7120	Nut	1
4	27-7130	Clamp Assembly	1
5	32107-11	Nut - Square	2
6	3258-19	Screw - Machine	2
7	27-7170	Band Assembly (Incl. Ref. #5 & 6)	2
8	27-7110	Element Assembly	1
†9		Housing	1
10	62-6300	Sleeve Assembly	1

Ref. No.	Part No.	Description	No. Used
11	33-1270	Bowl	1
12	33-1260	Cover Assembly	1
13	80-3330	Gasket	1
14	27-7160	Decal - Instructions	1
*	48-7430	Pre-Cleaner Assembly (Incl. Ref. #10-12)	1
*	27-7100	Air Filter Assembly (Incl. Ref. #1-4, 8-9 & 13-14)	1
*	27-7220	Soap - Air Cleaner	1

*Not Illustrated

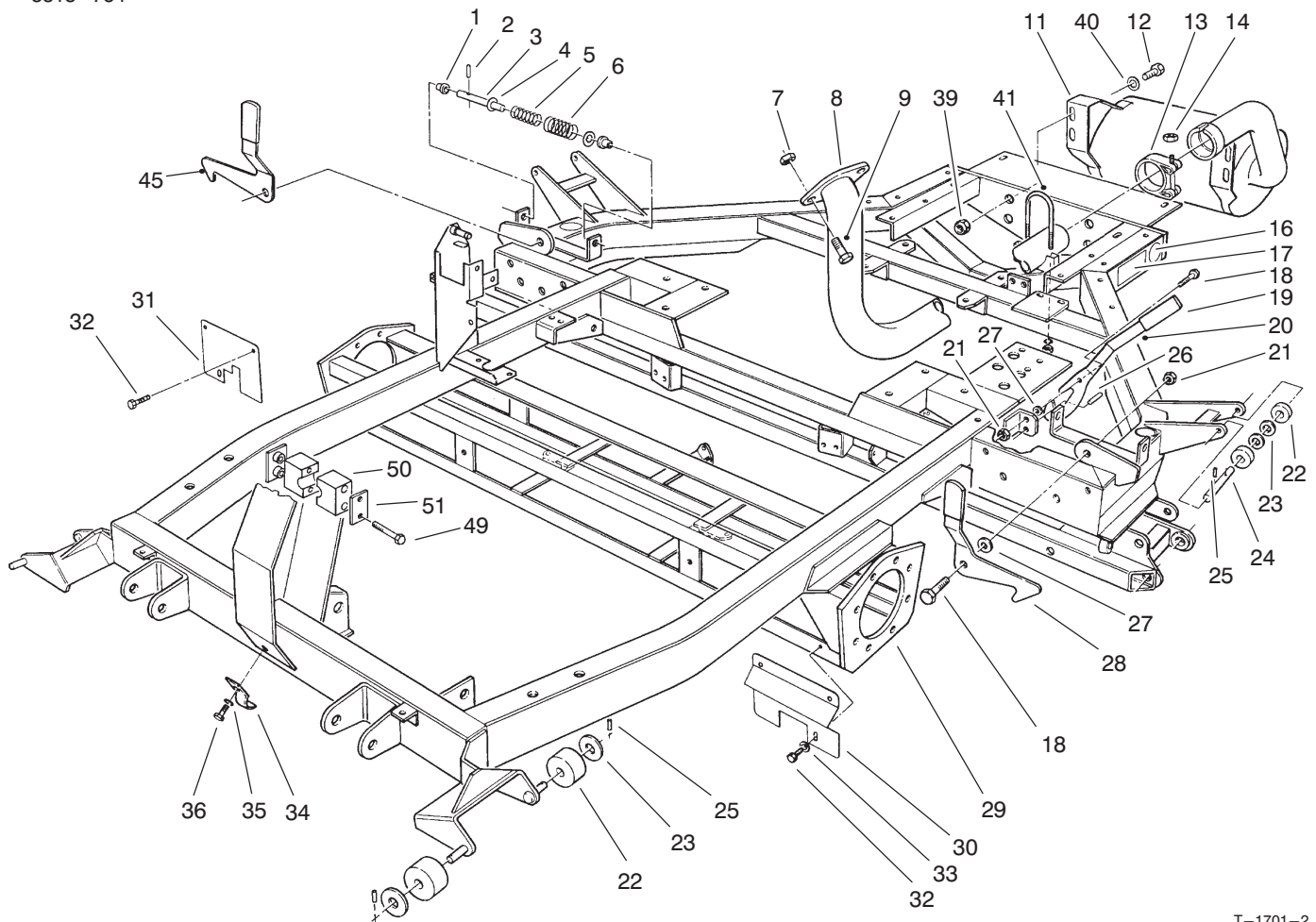
†Not Serviceable Separately



T-1785-2

FUEL TANK & LOWER BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-9285	Hose - Fuel, Return	1	25	32148-9	Nut - Insert	2
2	92-9284	Hose - Fuel, Suction	1	26	321-2	Screw - Cap Hex. Hd.	9
3	2412-108	Clamp - Hose	5	27	92-6069	Shield - Exhaust	1
4	92-9266	Standpipe	2	28	32128-33	Nut - Lock, Flange Hd.	3
5	46-6560	Grommet	3	29	240-11	Grommet	2
6	32122-24	Screw - Truss Hd.	5	30	63-8410	Washer - Flat	2
7	3253-15	Washer - Lock	5	31	323-5	Screw - Cap Hex. Hd.	2
8	92-9267	Sender - Fuel	1	32	52-9590	Latch	4
9	62-7650	Gasket - Fuel Sender	1	33	3296-12	Nut - Lock	4
10	46-6550	Elbow	1	38	3234-4	Screw - Hex. Flange Hd.	1
11	92-9272	Hose - Fuel Fill	1	40	92-5654	Panel - Clean Out	1
12	92-9283	Hose - Vent, Fuel	1	41	3296-56	Nut - Lock	7
13	3296-29	Nut - Lock	4	42	92-5653	Ring - Clamp	1
14	92-6064	R-Clamp	3	43	92-5269	Bellows	1
15	322-3	Screw - Cap Hex. Hd.	2	44	3234-13	Screw - Taptite	2
16	92-5674	Neck - Fuel Fill	1	45	240-9	Grommet	3
17	93-3102	Cap - Fuel	1	46	3256-51	Washer - Flat	4
18	92-5675	Grommet	1	47	32144-1	Screw - Hex. Hd.	4
19	2412-42	Clamp - Hose	2	48	3256-23	Washer - Flat	2
20	93-1402	Tank - Fuel	1	49	3234-17	Screw - Hex. Flange Hd.	2
21	66-6140	Decal - TORO	1	50	94-8270	Bolt - Shoulder	4
22	92-5671	Strip - Sealing	1	51	63-4220	Spring - Compression	4
23	92-5670	Strip - Sealing	2	52	3256-78	Washer - Flat	4
24	92-4703	Body - Lower	1	53	94-8258	Strip - Foam	2



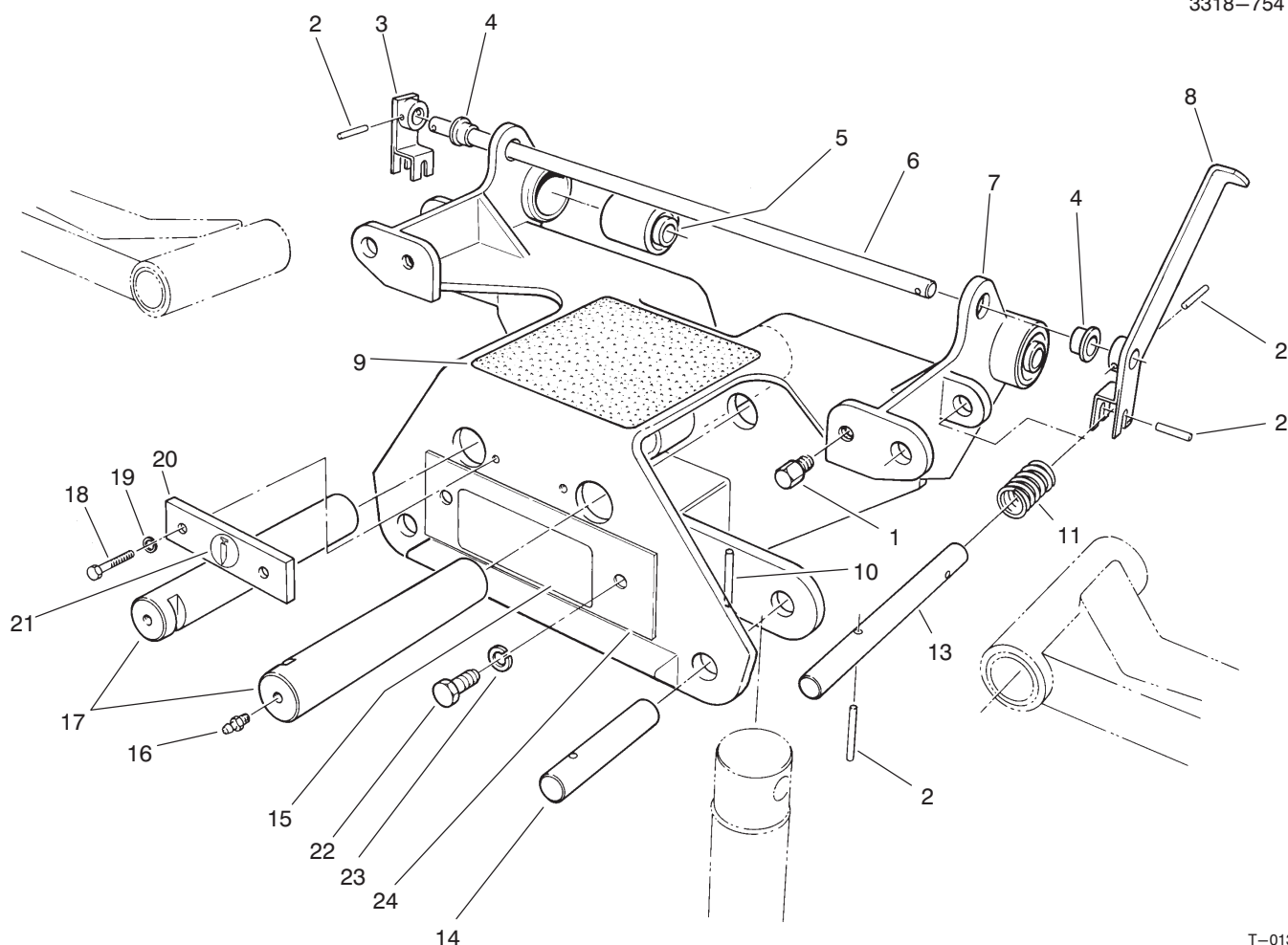
T-1701-2

CHASSIS & MUFFLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	58-2800	Bushing	4
2	60-3720	Pin - Roll	2
3	58-2810	Rod	2
4	3256-7	Washer - Flat	4
5	48-6780	Spring	2
6	60-1240	Spring	2
7	60-6660	Nut - Hex	2
8	76-3470	Tube - Exhaust	1
9	48-9470	Bolt	2
11	92-5273	Muffler	1
12	323-9	Screw - Cap Hex. Hd.	4
13	2412-132	Clamp	1
		(Incl. Ref. #14)	1
†14		Nut	1
16	58-6520	Decal - Grease	3
17	58-5910	Decal - Tire Pressure	2
17	93-9405	Decal - Tire Pressure (Europe)	2
18	60-6870	Bolt	3
19	48-7080	Cap	3
20	86-6570	Lever	1
21	51-2070	Nut	3

Ref. No.	Part No.	Description	No. Used
22	82-4910	Roller	8
23	51-2060	Washer	8
24	60-0160	Pin - Roller Rear	2
25	60-2110	Pin - Roll	8
26	48-8830	Pin - Roll	1
27	48-8850	Washer - Bevel	3
28	86-6590	Lever - LH	1
29	92-4761	Chassis	1
30	60-4190	Grass Shield - L.H.	1
31	60-4200	Grass Shield - R.H.	1
32	48-6900	Screw - Hex Hd.	6
33	48-8010	Washer	2
34	60-2080	Clamp - Hose	1
35	48-9570	Washer - Lock	1
36	48-7680	Screw - Cap Hex Hd.	1
39	3296-39	Nut - Lock	2
40	3256-24	Washer - Flat	4
41	76-3560	Clamp - Exhaust	1
45	86-6580	Lever - RH	1
49	321-9	Screw - HH	2
50	82-2990	Clamp - Tube	2
51	82-2980	Cover - Plate	1

†Not Serviceable Separately

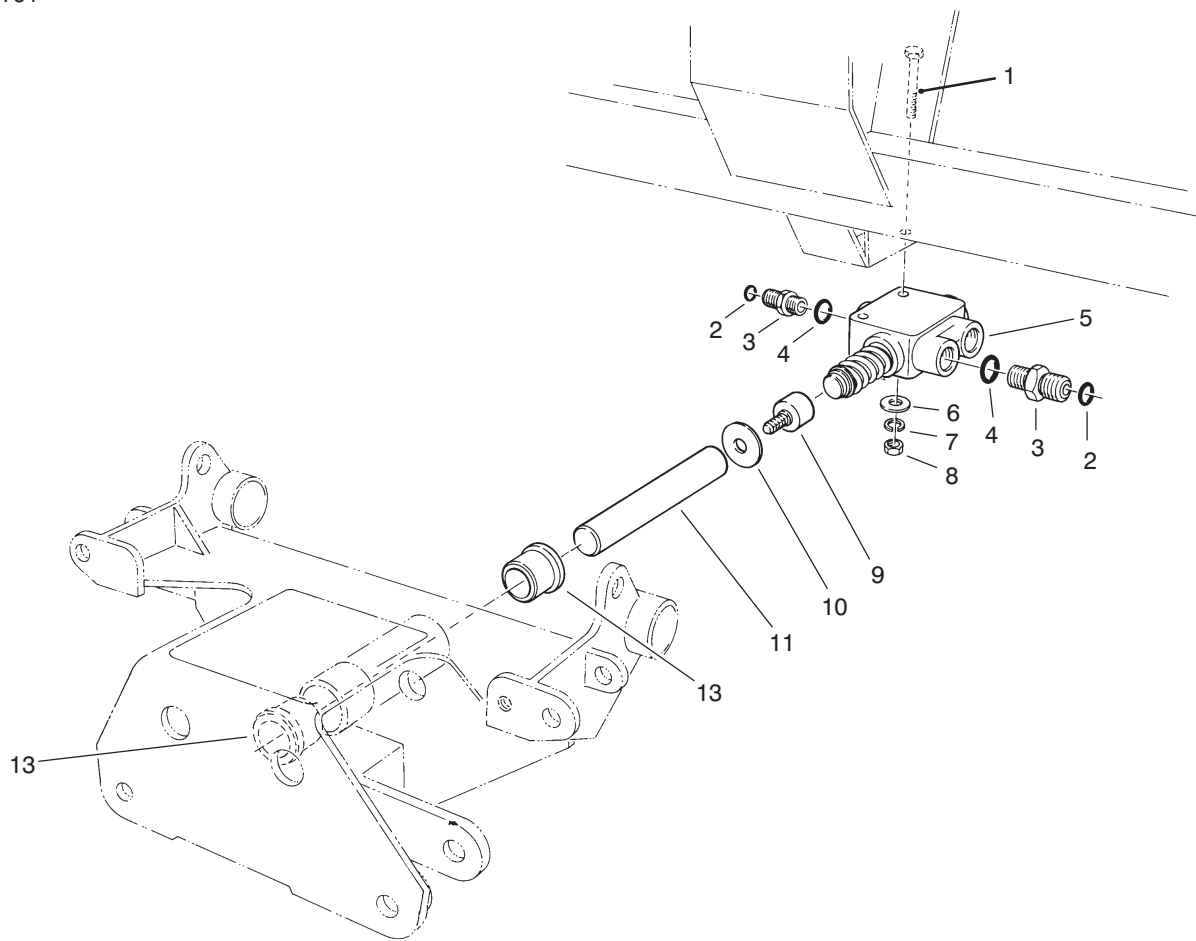


T-0133

FRONT CARRIER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	82-9250	Stud - Threaded	2	14	58-2720	Pin - Cylinder Mount	2
2	60-2000	Pin - Dowel	6	15	86-6120	Decal - Towing	1
3	60-1750	Lever - R.H.	1	15	93-9400	Decal - Towing (Europe)	1
4	60-1990	Bushing - Flange	2	16	302-5	Fitting - Grease	2
5	47-7010	Bushing	2	17	60-0090	Pin - Lift Arm, Pivot	2
6	60-1820	Shaft - Pivot	1	18	322-2	Screw - Cap Hex. Hd.	2
7	74-2920	Carrier - Front	1	19	3253-4	Washer - Lock	2
8	60-1780	Lever - L.H.	1	20	60-0190	Retainer	1
9	82-9370	Pad - Step	1	21	58-6520	Decal - Grease	1
10	3285-11	Pin - Spirol	2	22	325-2	Screw - Cap Hex. Hd.	2
11	60-0670	Spring - Compression	2	23	3253-7	Washer - Lock	2
13	82-9360	Rod - Latch	2	24	84-6480	Plate - Decal	1

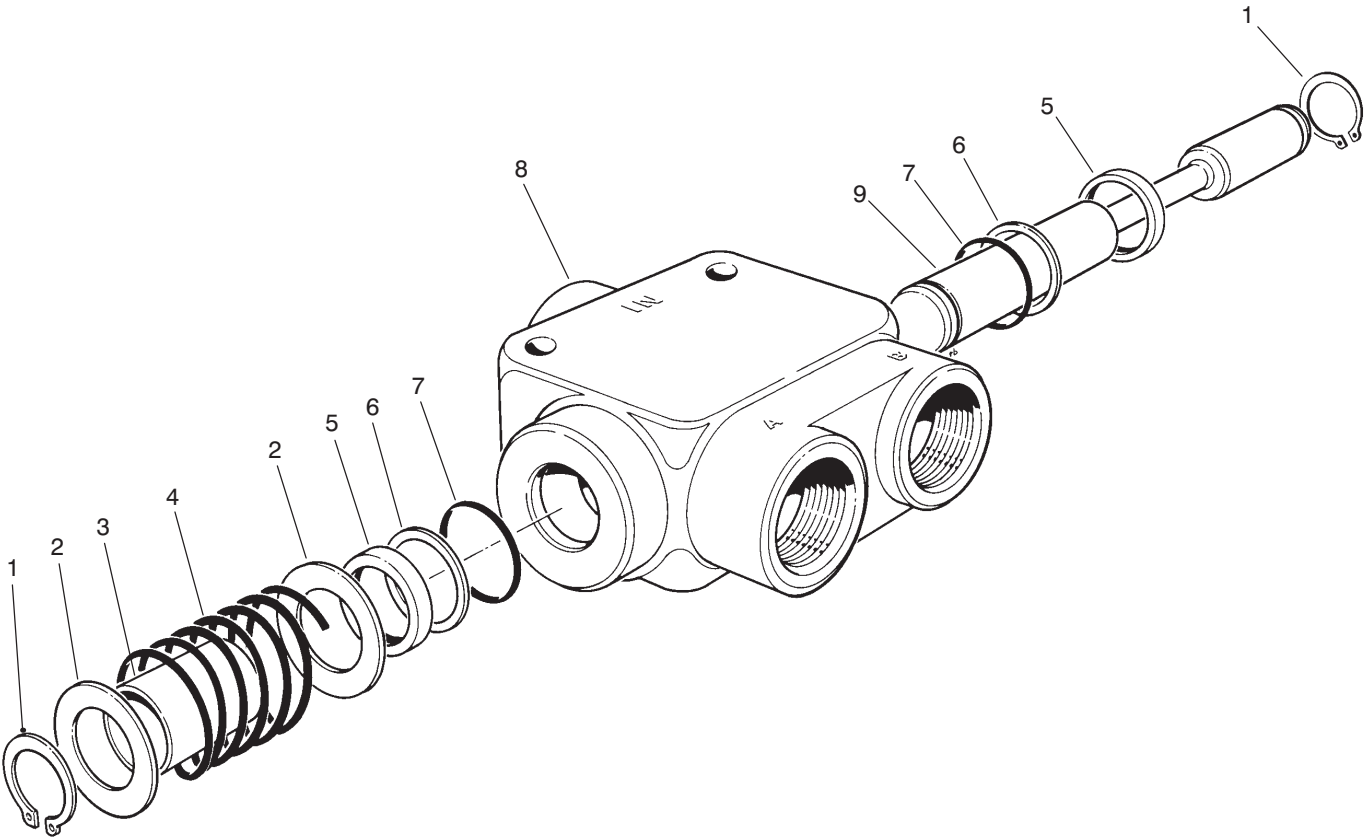
*Not Illustrated



T-0134

PUSH ROD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-12	Screw – Cap Hex Hd.	2	7	3253-4	Washer – Lock	2
2	237-65	O-Ring	3	8	3217-6	Nut – Hex	2
3	340-7	Fitting – Straight (Incl. Ref. #2 & 4)	3	9	59-7140	Bumper	1
4	237-80	O-Ring	3	10	3256-68	Washer	A/R
5	58-5460	Valve – Shutoff	1	11	60-0300	Rod	1
6	3256-23	Washer – Flat	2	13	48-6640	Bushing – Flange	2



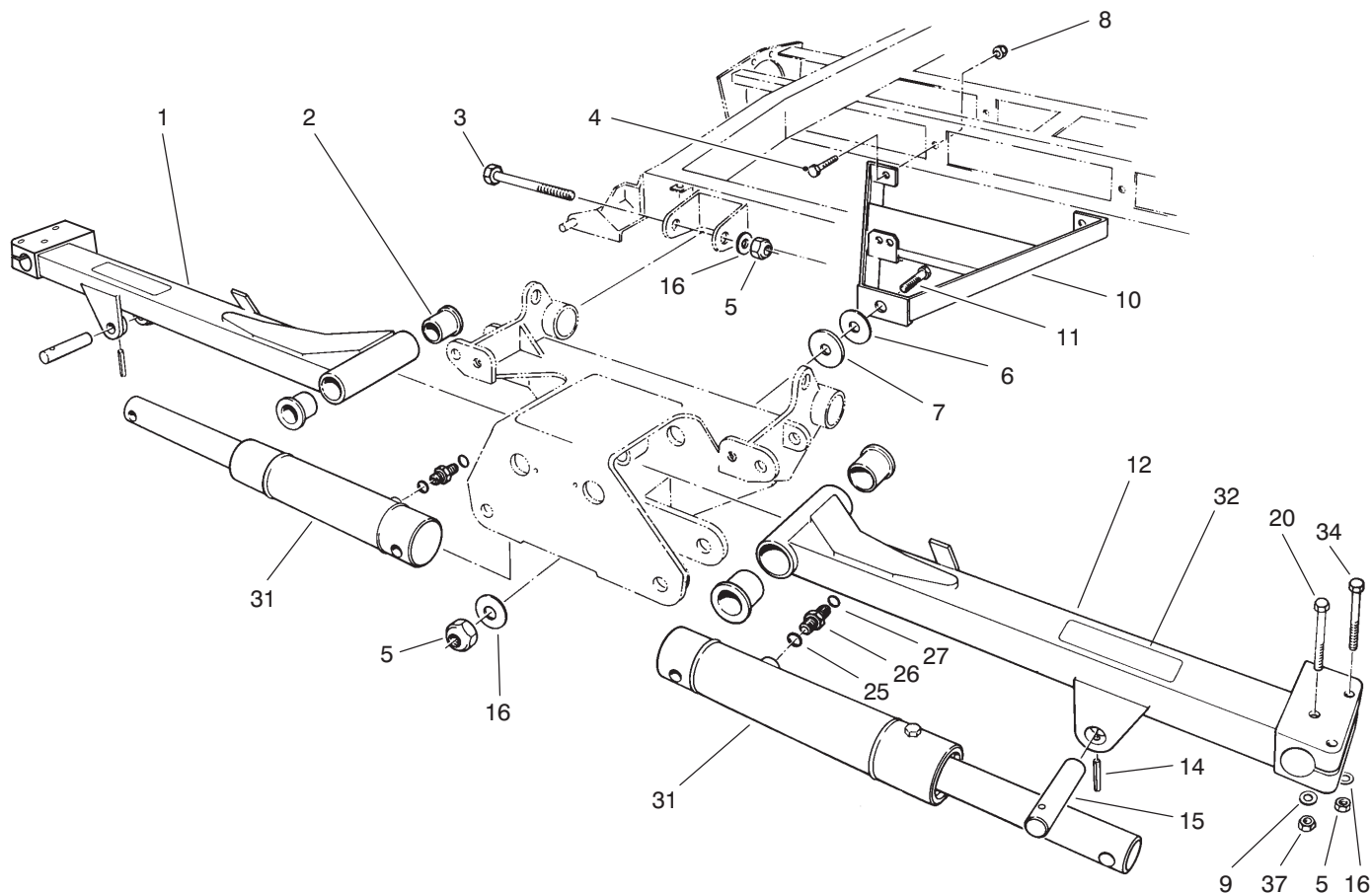
T-0135

REEL SHUT-OFF VALVE NO. 58-5460

Ref. No.	Part No.	Description	No. Used
1	59-7810	Circlip	2
2	59-7820	Washer	2
†3		Spacer	1
4	59-7840	Spring	1
5	59-7850	Wiper	2
6	59-7860	Backup Washer	2

Ref. No.	Part No.	Description	No. Used
7	59-7780	O-Ring	2
†8		Body	1
†9		Spool	1
*	59-7890	Seal Kit (Incl. Ref. #1, 5, 6 & 7)	1

*Not Illustrated
†Not Serviceable Separately

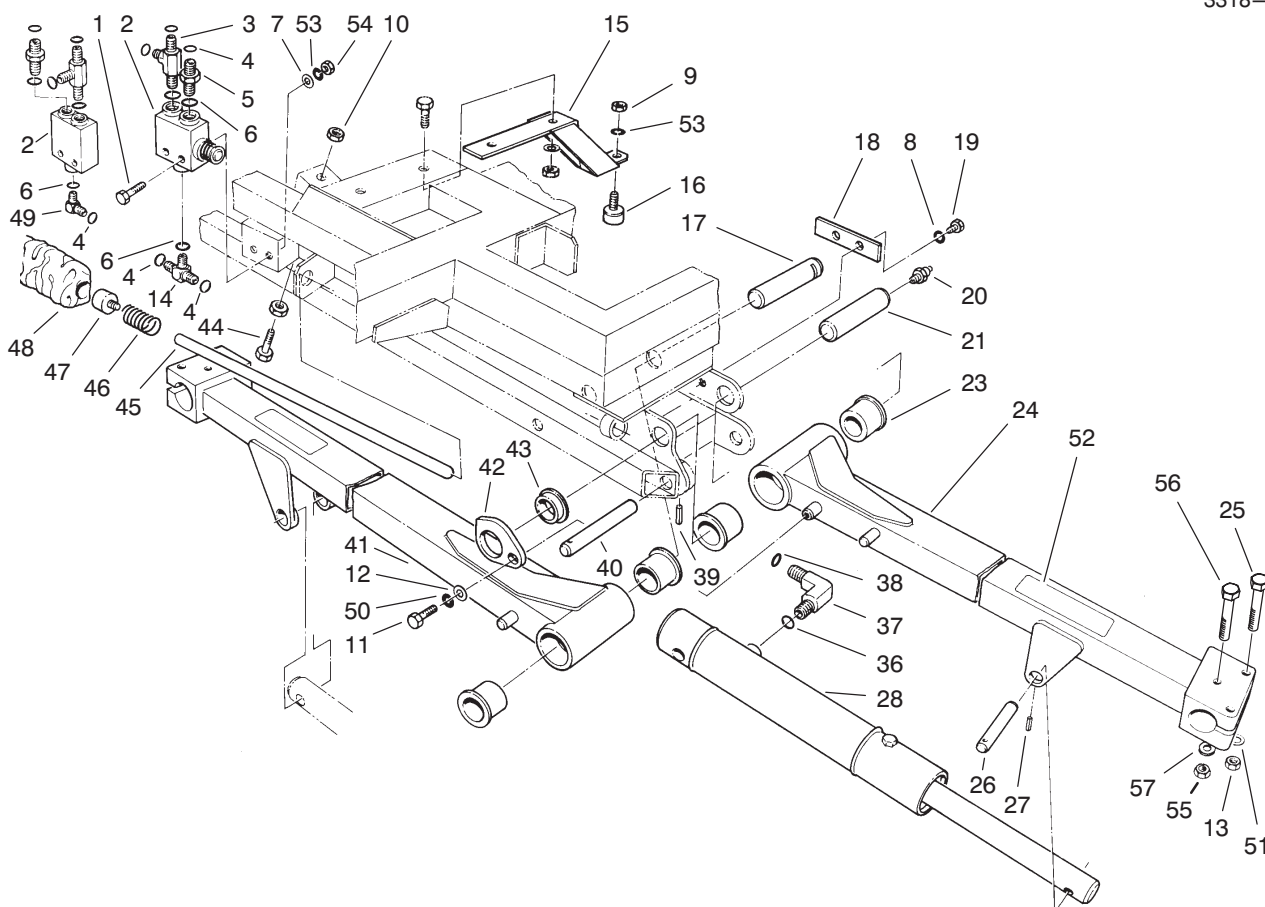


T-0136

NO. 2 & 3 LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-9291	No. 3 Lift Arm	1
2	68-6480	Bushing	4
3	325-17	Bolt	2
4	323-7	Bolt	2
5	3296-23	Nut - Lock	7
6	52-6180	Washer	A/R
7	60-3250	Washer - Rubber	1
8	3290-357	Nut - Lock	2
9	3256-56	Washer - Flat	2
10	92-9246	A-Frame	1
11	325-7	Bolt	1
12	92-9290	No. 2 Lift Arm	1
14	60-1280	Pin - Roll	2

Ref. No.	Part No.	Description	No. Used
15	58-4380	Pin - Pivot	2
16	3256-26	Washer - Flat	7
20	323-13	Screw - Cap Hex. Hd.	2
25	237-42	O-Ring	2
26	340-2	Adapter (Incl. Ref. #25 & 27)	2
27	237-22	O-Ring	2
31	84-6210	Hydraulic Cylinder Assembly	2
32	61-3610	Decal	2
32	93-7331	Decal (Europe)	2
34	325-34	Screw - Cap Hex. Hd	4
37	3296-39	Nut - Lock	2

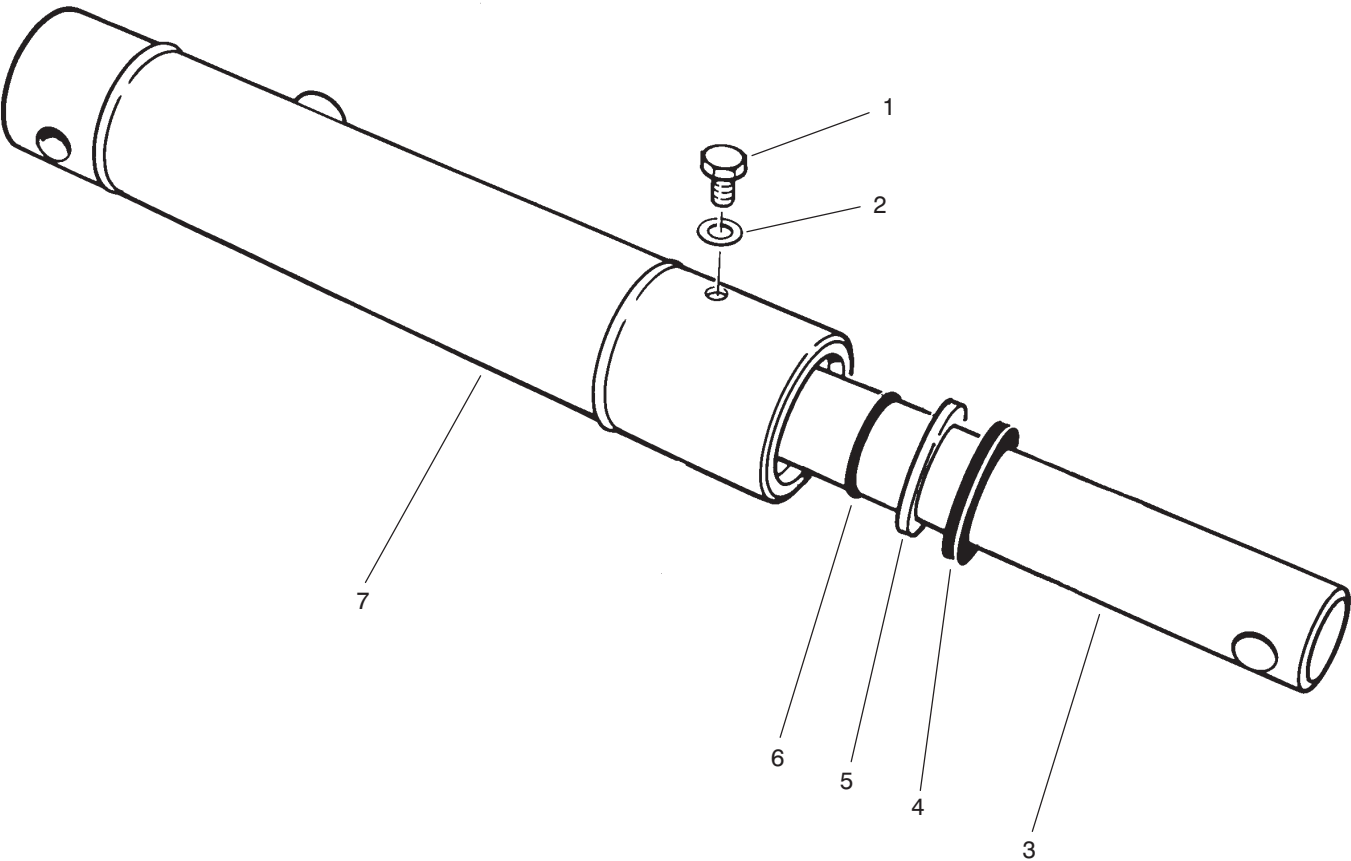


T-0137

NO. 1, 4 & 5 LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-12	Bolt	4	27	60-1280	Pin - Roll	3
2	58-5460	Valve - Shut-Off	2	28	84-6210	Hydraulic Cylinder Assembly	3
3	340-22	Fitting - Tee (Incl. Ref. #4 & 6)	2	36	237-42	O-Ring SAE	3
4	237-65	O-Ring	9	37	340-77	Fitting (Incl. Ref. #36 & 38)	3
5	340-7	Fitting (Incl. Ref. #4 & 6)	2	38	237-22	O-Ring	3
6	237-80	O-Ring SAE	6	39	3285-11	Pin - Roll	3
7	3256-23	Washer	4	40	58-2720	Pin - Pivot	3
8	48-9570	Washer - Lock	4	41	92-9289	Lift Arm No. 1	1
9	48-7930	Nut - Hex.	2	42	58-9210	Cam	2
10	48-9530	Nut - Hex.	2	43	60-0080	Bushing - Flanged	2
11	323-6	Bolt	2	44	53-5940	Bolt	1
12	3256-3	Washer	2	45	60-1340	Rod - Push RH	1
13	3296-23	Nut - Lock	6	*	60-1350	Rod - Push LH	1
14	340-93	Fitting - Tee (Incl. Ref. #4 & 6)	1	46	58-3570	Spring - Compression	2
15	60-1050	Bracket	2	47	59-7140	Bumper	2
16	48-3280	Bumper	2	48	58-9630	Sleeve - Protector	2
17	60-0090	Pin - #1 Lift Arm Pivot	1	49	340-17	Fitting (Incl. Ref. #4 & 6)	1
18	60-0190	Retainer - #1 & 4 Pivot Pin	1	50	3253-5	Washer - Lock	2
*	60-1640	Retainer - #5 Pivot Pin	1	51	3256-26	Washer - Flat	6
19	48-7700	Bolt	4	52	61-3610	Decal	3
20	302-5	Fitting - Grease	3	52	93-7331	Decal (Europe)	3
21	60-0100	Pin - #4 & 5 Lift Arm Pivot	2	53	3253-4	Washer - Lock	6
23	68-6480	Bushing	6	54	3217-6	Nut - Hex.	4
24	92-9296	Lift Arm No. 4	1	*	92-9297	Lift Arm No. 5	1
25	325-34	Screw - Cap Hex. Hd.	6	55	3296-39	Nut - Lock	3
26	58-4380	Pin - Pivot	3	56	323-13	Screw - Cap Hex. Hd.	3
				57	3256-56	Washer - Flat	3

*Not Illustrated



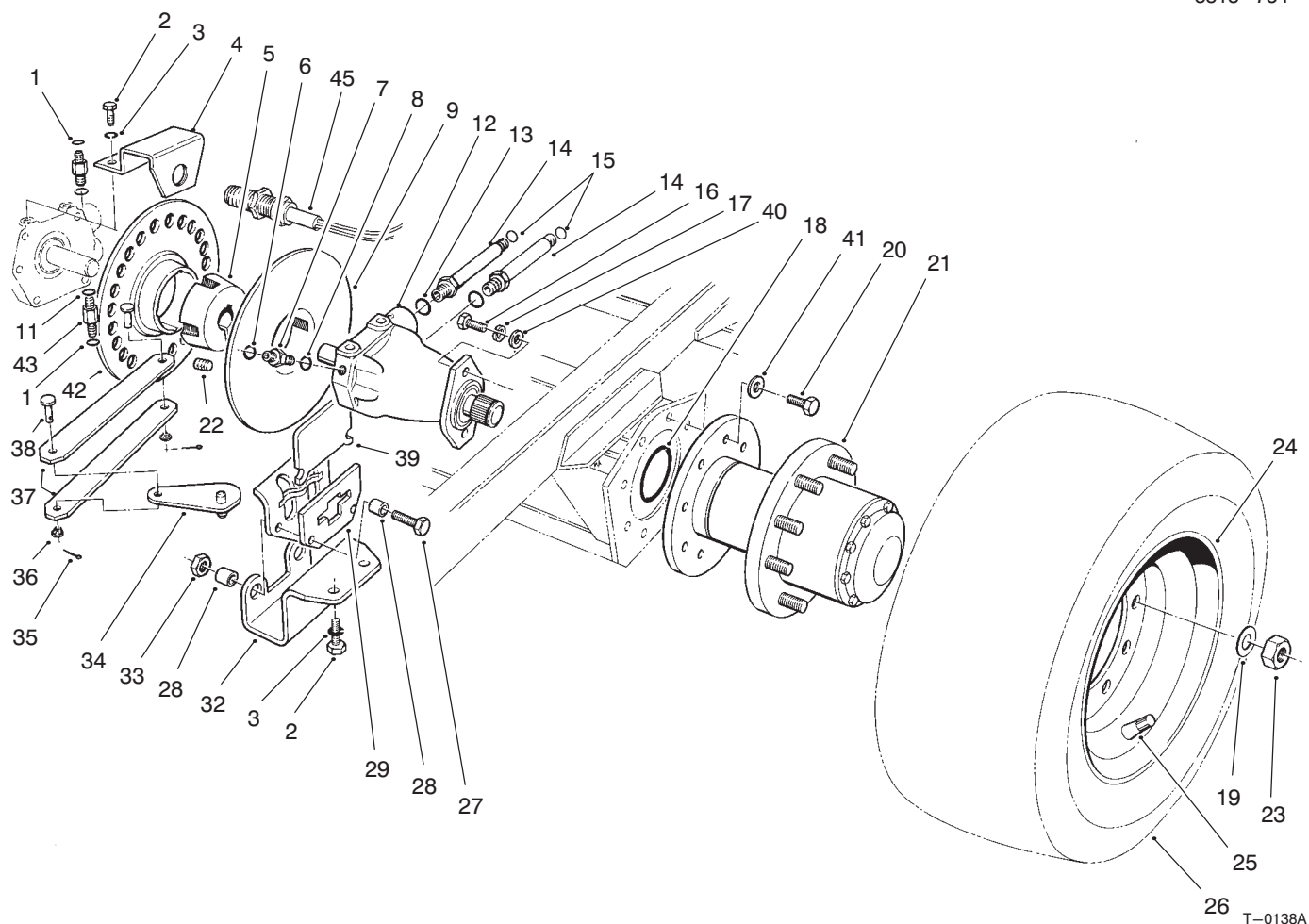
T-1685

HYDRAULIC CYLINDER ASSEMBLY NO. 84-6210

Ref. No.	Part No.	Description	No. Used
1	60-3660	Screw - Bleed	1
2	60-3650	Washer	1
†3		Rod	1
4	60-3630	Wiper	1
5	60-3620	Seal	1

Ref. No.	Part No.	Description	No. Used
6	60-3610	Ring - Snap	1
†7		Barrel	1
*	62-6370	Kit - Seal (Incl. Ref. #2 & 4-6)	1

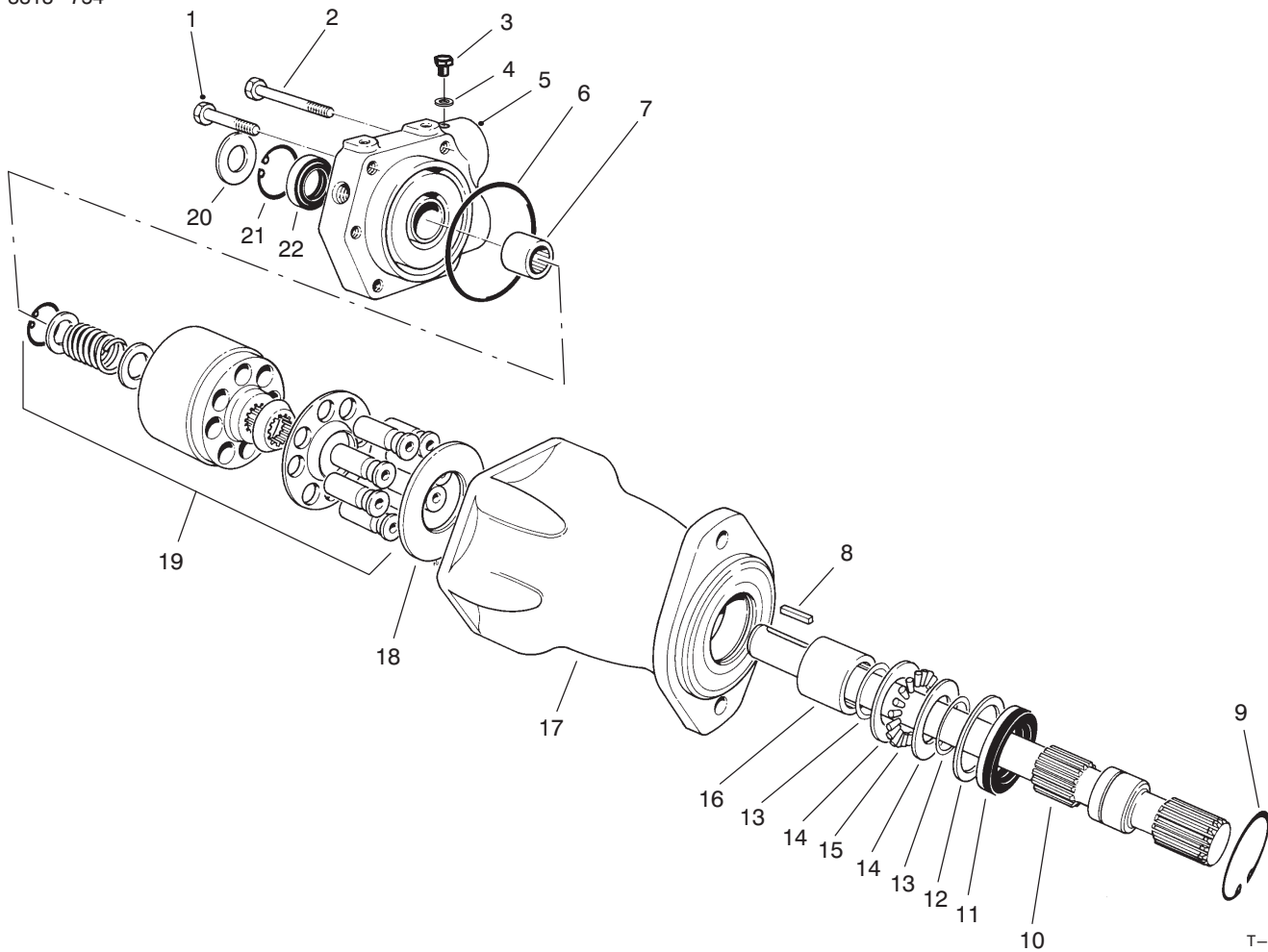
†Not Sold Separately



TRACTION DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	237-21	O-Ring	2	22	3247-10	Screw - Set	4
2	322-3	Screw - Cap Hex. Hd.	6	23	3219-5	Nut - Hex.	18
3	3253-4	Washer - Lock	6	24	58-5610	Rim	2
4	82-9330	Bracket - Sensor	1	25	58-5620	Tube - Inner	2
5	23-1840	Bushing (Incl. Ref. #22)	2	26	63-4480	Tire	2
6	237-22	O-Ring	2	27	323-20	Bolt	4
7	340-2	Fitting (Incl. Ref. #6 & 8)	2	28	58-3780	Spacer	8
8	237-42	O-Ring	2	29	29-1060	Bracket	2
9	58-0070	Disc - Brake	1	32	58-0110	Bracket	2
11	237-118	O-Ring	2	33	3296-39	Nut - Lock	4
12	58-5430	Motor - Wheel	2	34	29-1070	Lever Assembly	2
13	237-81	O-Ring	4	35	3272-6	Pin - Cotter	4
14	92-6058	Fitting (Incl. Ref. #13 & 15)	4	36	60-1740	Nut - Spring	4
15	237-58	O-Ring	4	37	58-2300	Link - Brake	4
16	323-18	Bolt	4	38	283-67	Pin - Clevis	4
17	3253-5	Washer - Lock	4	39	29-1080	Pad	4
18	353-949	O-Ring	2	40	3256-3	Washer - Flat	4
19	60-6990	Washer	18	41	3256-27	Washer - Flat	16
20	327-3	Bolt	16	42	82-9280	Disc - 22 Hole	1
21	62-6400	Drive Hub Assembly (Standard Speed Ratio)	2	43	340-90	Fitting (Incl. Ref. #1 & 11)	2
				45	75-6700	Sensor - Magnetic	1

*Not Illustrated



T-0139

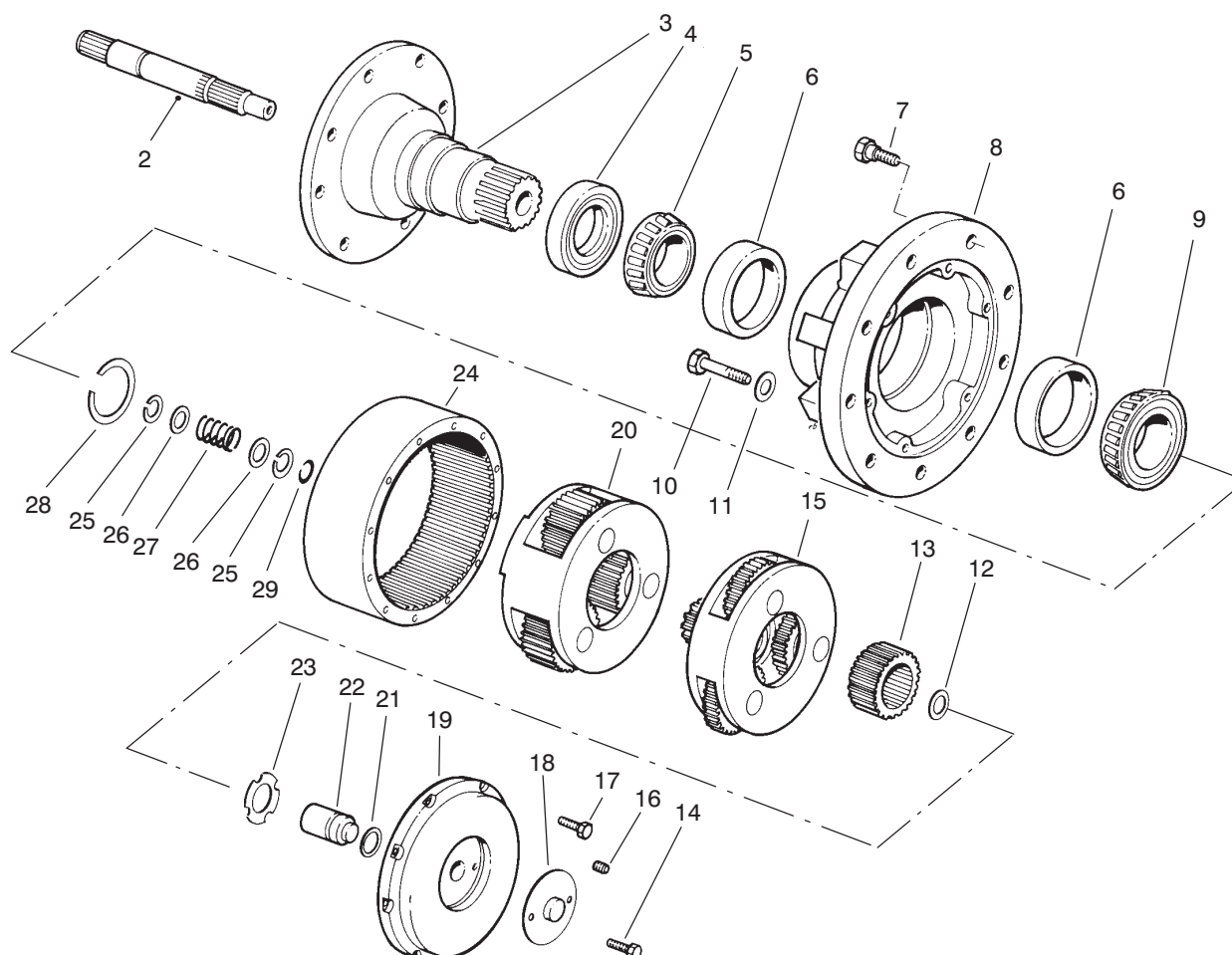
WHEEL MOTOR ASSEMBLY NO. 58-5430

Ref. No.	Part No.	Description	No. Used
1	59-8290	Screw - Cap Hex. Hd.	3
2	59-8280	Screw - Cap Hex. Hd.	3
3	353-948	Plug (Incl. Ref. #4)	2
4	237-118	Seal - O-Ring	2
5	59-8270	Back Plate Assembly (Incl. Ref. #7)	1
6	59-8260	O-Ring	1
7	60-3590	Bearing	1
8	59-8380	Key	1
9	32151-13	Ring - Retaining	1
10	59-8360	Shaft - Drive	1
11	59-8370	Seal - Shaft	1
12	33-3720	Washer	1
13	32151-29	Ring - Retaining	2

Ref. No.	Part No.	Description	No. Used
14	252-71	Race - Thrust	1
15	252-66	Bearing - Thrust	1
16	60-3380	Bearing	1
17	59-8300	Housing Assembly (Incl. Ref. #16)	1
18	59-8350	Camplate Assembly	1
19	59-8340	Rotating Assembly	1
20	84-6440	Shield - Grass	1
†21		Ring - Retaining	1
†22		Seal - Shaft	1
*	59-8390	Kit - Seal Repair (Incl. Ref. #6, 9, 11, 13, & 20-22)	1
*	66-5840	Kit - Seal Repair (Incl. Ref. #20-22)	1

*Not Illustrated

†Not Serviceable Separately



T-0140

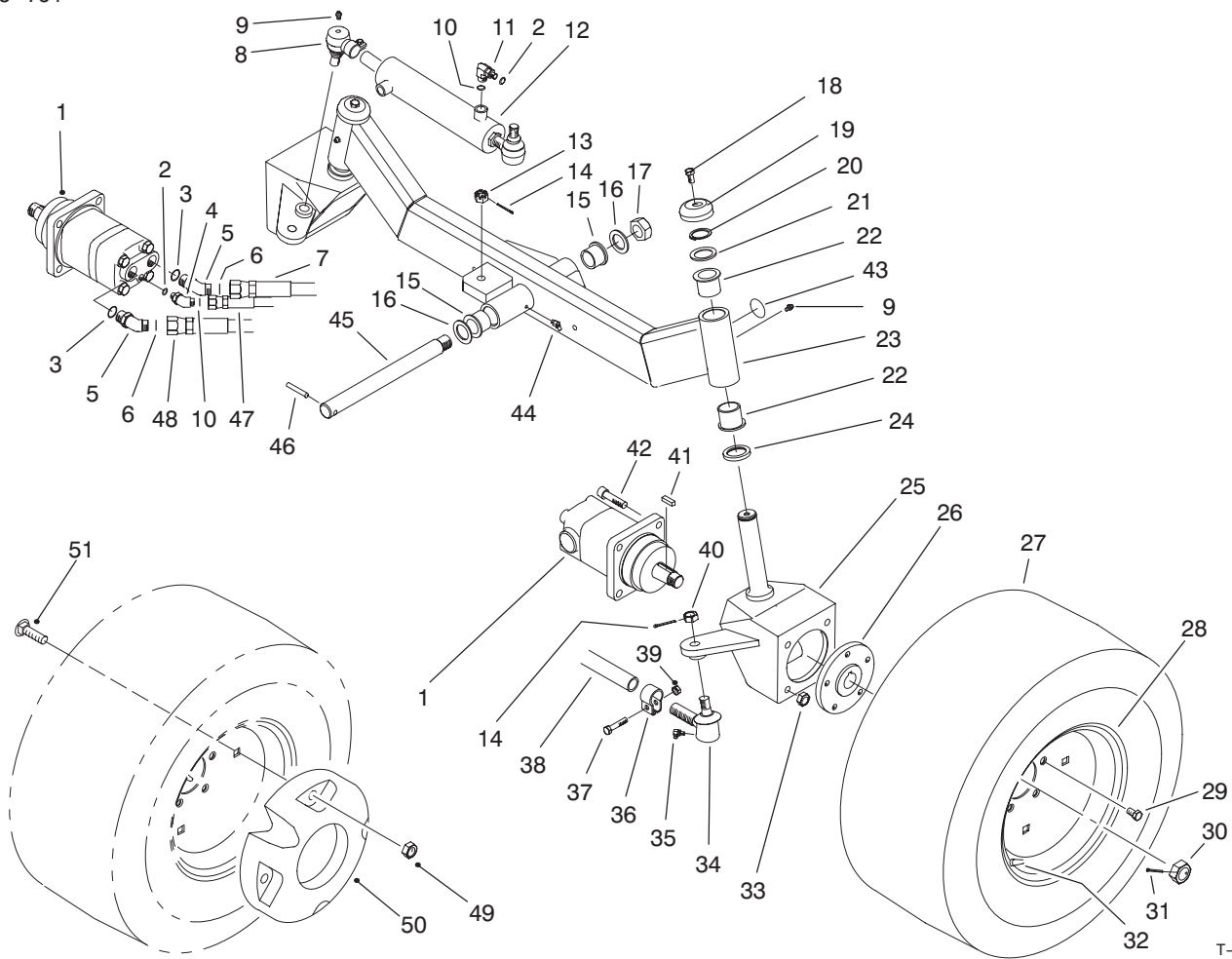
PLANETARY GEAR DRIVE ASSEMBLY

Standard Speed Ratio (19.62:1)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	60-3800	Coupling	1	16	60-4040	Plug - Pipe	1
2	60-3810	Shaft - Input	1	17	60-4030	Bolt - Hex Hd.	8
3	60-3820	Spindle	1	18	60-4060	Cover - Disengage	1
4	60-3830	Seal - Oil	1	19	60-4050	Cover - Large	1
5	60-3840	Cone - Bearing	1	20	62-6420	Secondary Carrier Assembly	1
6	60-3850	Cup - Bearing	2	21	60-4020	O-Ring	1
7	60-3860	Bolt - Wheel	9	22	60-4010	Plunger - Disengage	1
8	60-3870	Hub	1	23	60-3990	Washer - Thrust	1
9	60-3880	Cone - Bearing	1	24	60-3900	Gear - Ring	1
10	60-3890	Bolt - Hex. Hd.	6	25	82-8700	Ring - Retaining	2
11	60-3910	Washer - Flat	6	26	60-3940	Washer	2
12	60-3980	Washer - Thrust	1	27	60-3950	Spring - Disengage	1
13	62-6430	Gear - Primary Sun	1	†28	62-6450	Kit - Retaining Ring	1
14	60-4070	Bolt - Hex. Hd.	2	29	60-3930	Ring - Retaining	1
15	62-6410	Primary Carrier Assembly	1	*	62-6460	Tube - RW Sealant	1

*Not Illustrated

†Includes 7 different thickness for service adjustment of bearings.



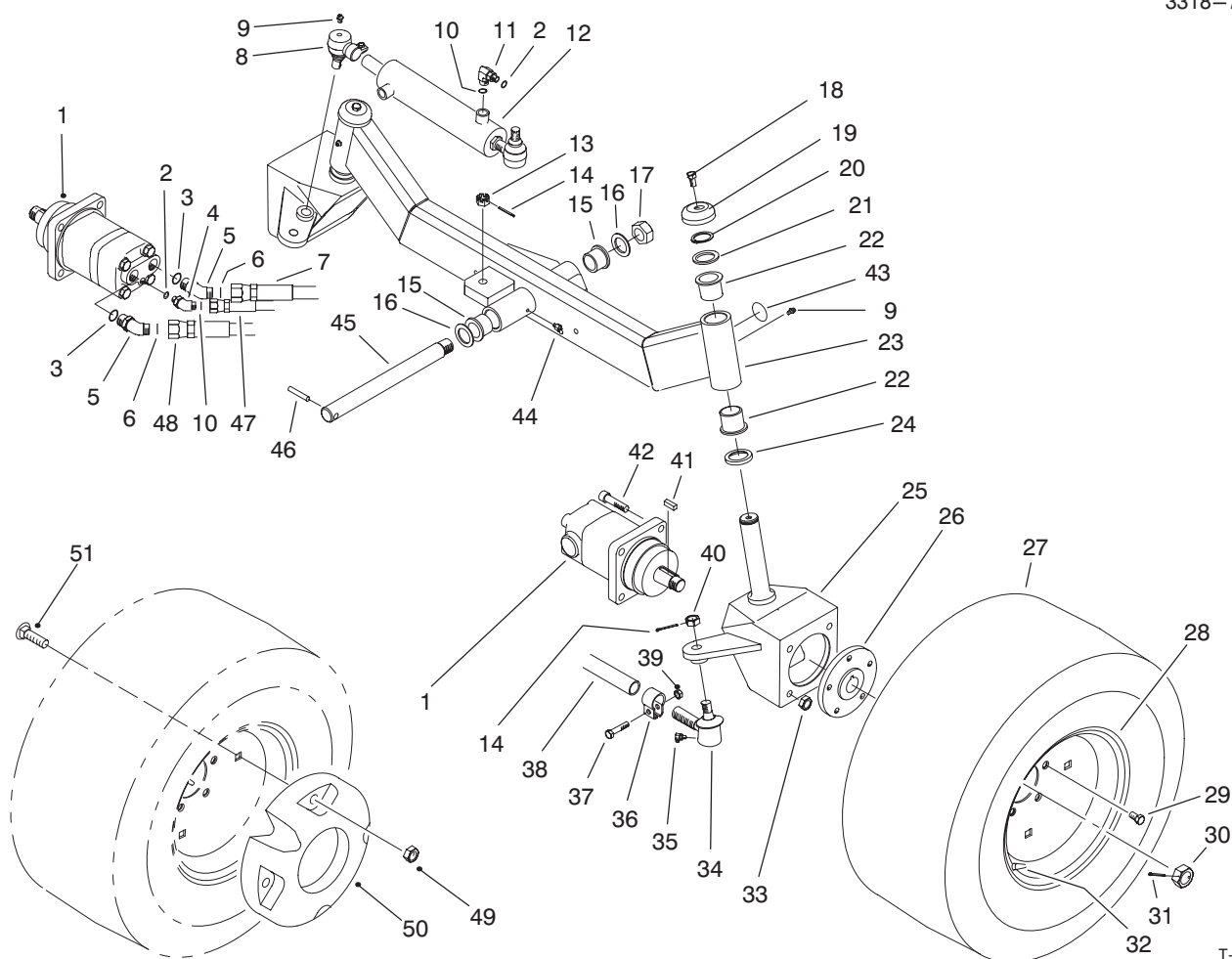
T-1698A

STEERING AXLE

Ref. No.	Part No.	Description	No. Used
1	92-4724	Hydraulic Motor Assembly (Incl. Ref. #30 & 41)	2
2	237-78	Seal - O-Ring	4
3	237-80	Seal - O-Ring	4
4	340-54	Fitting - Hydraulic 45° (Incl. Ref. #2 & 10)	2
5	340-14	Fitting - Hydraulic 45° (Incl. Ref. #3 & 6)	4
6	237-65	Seal - O-Ring	4
7	94-8271	Hose - Hydraulic	2
8	69-9810	Ball Joint Assembly (Incl. Ref. #9 & 13)	1
9	302-5	Fitting - Grease	3
10	237-22	Seal - O-Ring	4
11	340-97	Fitting - Hydraulic 90° (Incl. Ref. #2 & 10)	2
12	92-6057	Hydraulic Cylinder Assembly	1
13	32136-13	Nut - Castle	2
14	3272-13	Pin - Cotter	4
15	48-6640	Bushing - Flange	2
16	48-6660	Washer - Thrust	2
17	3296-49	Nut - Lock	1
18	3234-12	Screw - Hex. Flange Hd.	2
19	69-8890	Cap - Spindle	2
20	32151-10	Ring - Retaining	2
21	256-304	Washer - Thrust	2

Ref. No.	Part No.	Description	No. Used
22	69-6470	Bushing - Flange	4
23	92-4755	Axle - Rear	1
24	86-6560	Washer - Thrust	2
25	92-4779	Housing - Motor LH	1
*	92-4787	Housing - Motor RH	1
26	92-4749	Hub - Wheel	2
27	69-9880	Tire	2
28	217-116	Rim	2
29	83-2720	Bolt - Wheel (Model 03704 & Europe)	10
30	11-5800	Nut - Lock	2
31	3272-13	Pin - Cotter	2
32	232-27	Valve - Stem	2
33	3296-23	Nut - Lock	8
34	2116-4	Joint - Ball RH	1
*	2116-3	Joint - Ball LH	1
35	302-33	Fitting - Grease	2
36	2412-7	Clamp Assembly (Incl. Ref. #37 & 39)	2
37	324-9	Screw - Cap Hex. Hd.	2
38	82-9260	Tie Rod Assembly (Incl. Ref. #34-40)	1
39	32146-7	Nut - Lock	2
40	32136-2	Nut - Castle	2
41	11-5790	Key	2
42	3274-5	Screw - Socket Hd.	8

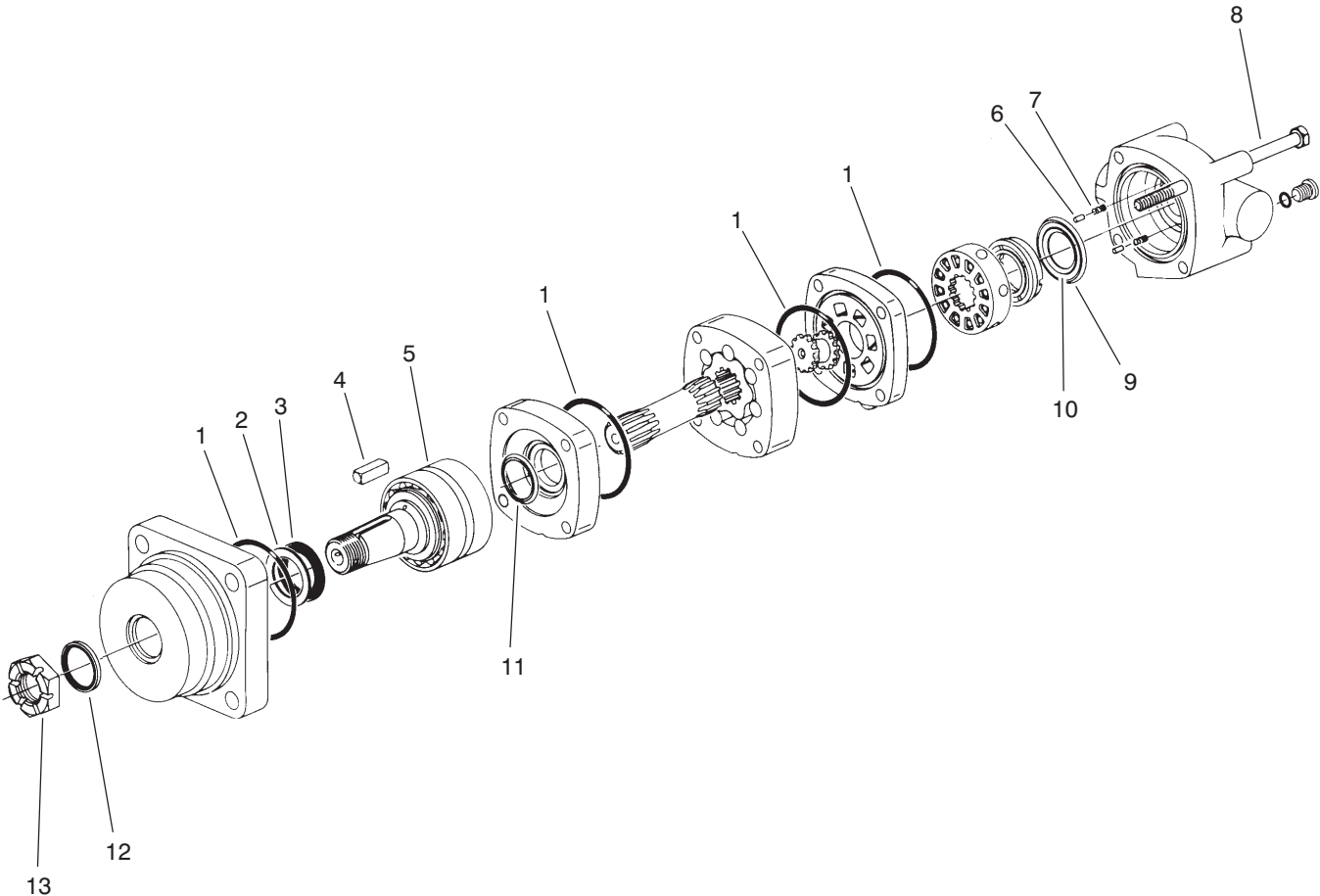
*Not Illustrated



T-1698A

STEERING AXLE (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
43	58-6520	Decal - Grease	2	48	94-8272	Hose - Hydraulic	2
44	302-11	Fitting - Grease	1	49	3296-25	Nut - Hex. (Europe)	8
45	82-9210	Shaft - Pivot	1	50	7-2111	Weight (Europe)	4
46	60-3670	Pin - Roll	1	51	3233-7	Screw - Carriage (Europe)	8
47	92-5664	Hose - Hydraulic	2				



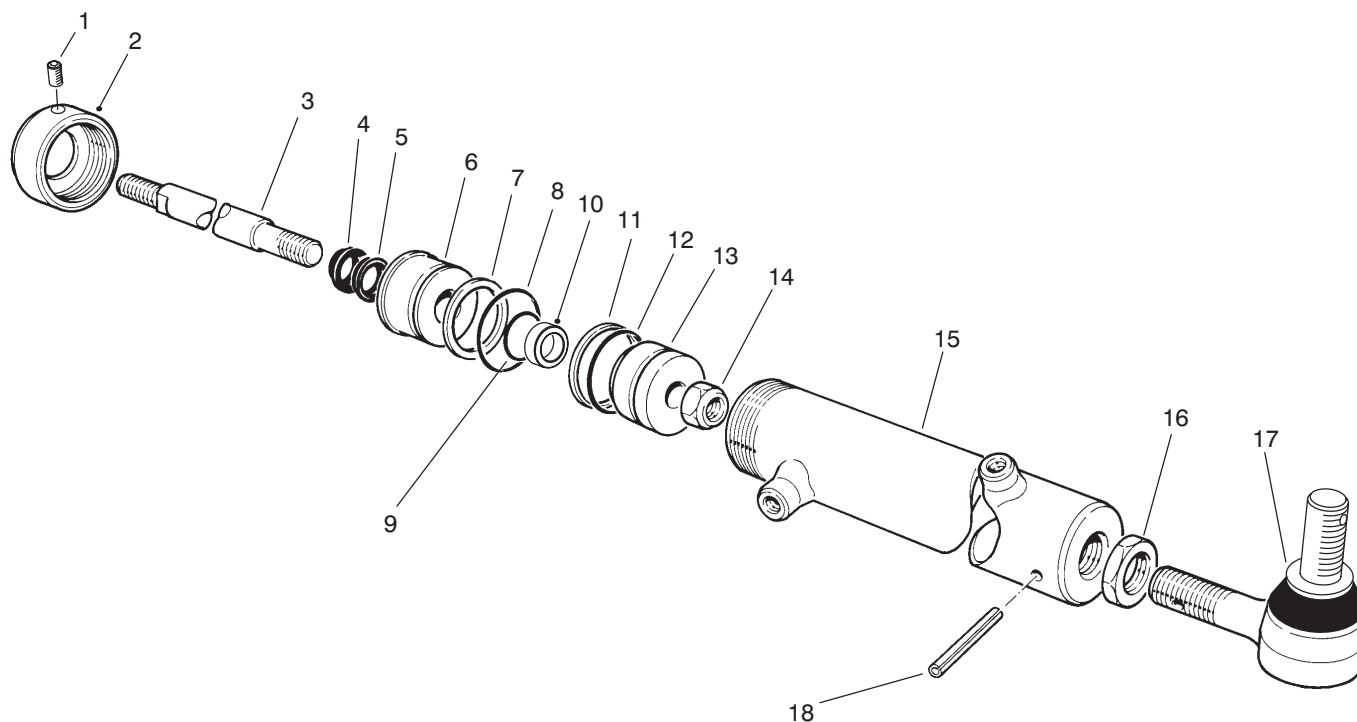
T-1705

HYDRAULIC MOTOR ASSEMBLY NO. 92-4724

Ref. No.	Part No.	Description	No. Used
1		Seal - O-Ring	4
2		Washer - Backup	1
3		Seal - Shaft	1
4	11-5790	Key	1
5	56-6860	Shaft Sub-Assembly	1
6	33-3570	Pin	2
7	33-3410	Spring	2
8	92-6075	Bolt	4

Ref. No.	Part No.	Description	No. Used
9		Seal - Outer	1
10		Seal - Inner	1
11		Seal - Shaft	1
12		Seal - Dust	1
13	11-5800	Nut - Slotted	1
*	56-6890	Kit - Seal (Incl. Ref. #1-3 & 9-12)	1

*Not Illustrated



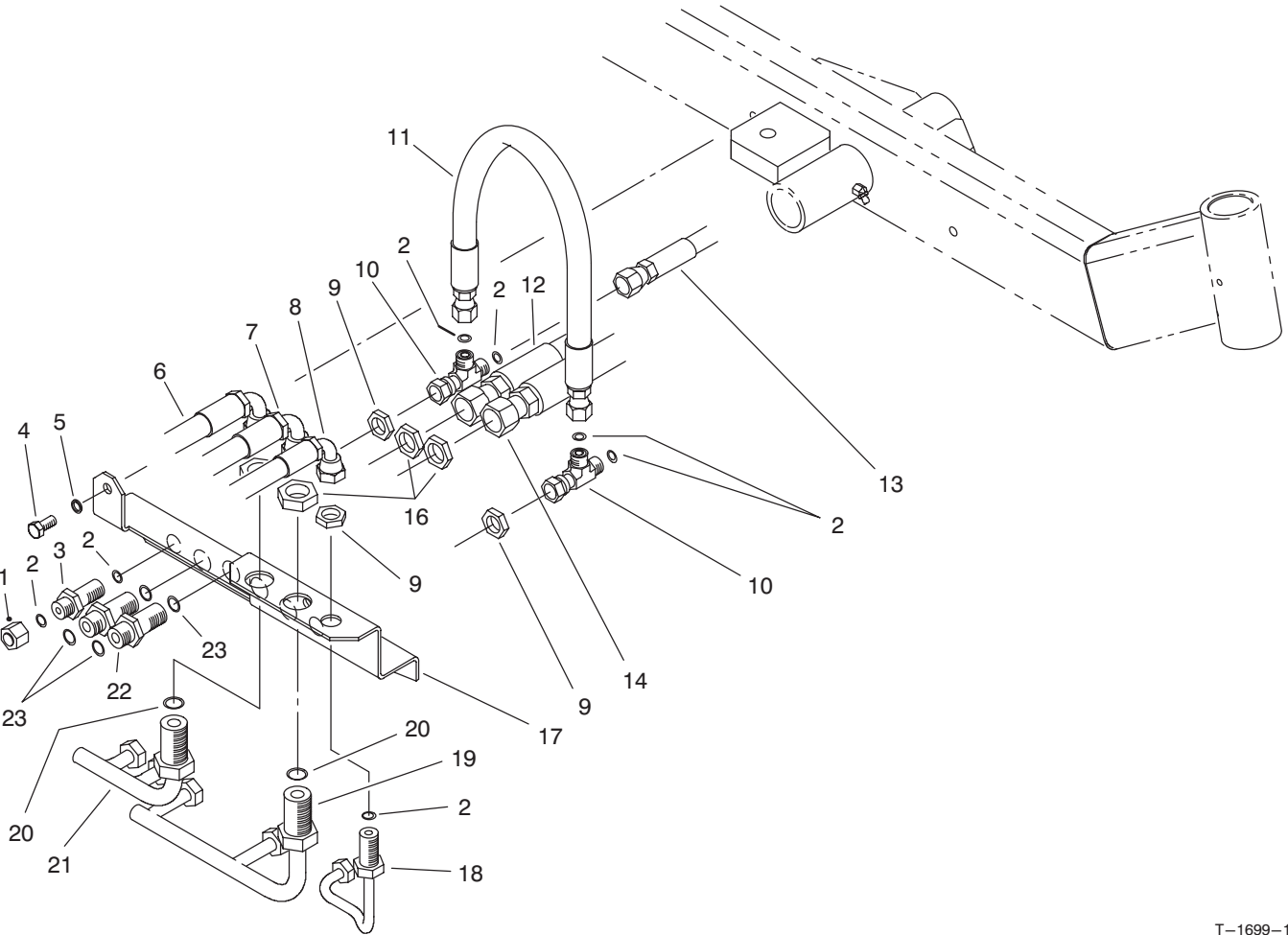
T-1715

HYDRAULIC CYLINDER 92-6057

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Screw – Set	1	†12		O–Ring	1
2	82-5780	Cap – Threaded	1	13	82-5760	Piston	1
3	82-5770	Rod	1	14	82-5750	Nut – Lock	1
†4		Wiper – Rod	1	†15		Barrel Assembly	1
†5		U–Cup	1	16	82-5740	Nut – Jam	1
6	82-5790	Head – Cap	1	17	82-5730	Rod Tie, End	1
†7		Backup Washer	1	18	32121-44	Pin – Roll	1
†8		O–Ring	1	19		Spacer	1
†9		O–Ring	1	*	82-5800	Kit – Repair, Seal (Incl. Ref. #4, 5, & 7-12)	1
†10		Spacer	1				
†11		Servon	1				

*Not Illustrated

†Not Serviceable Separately

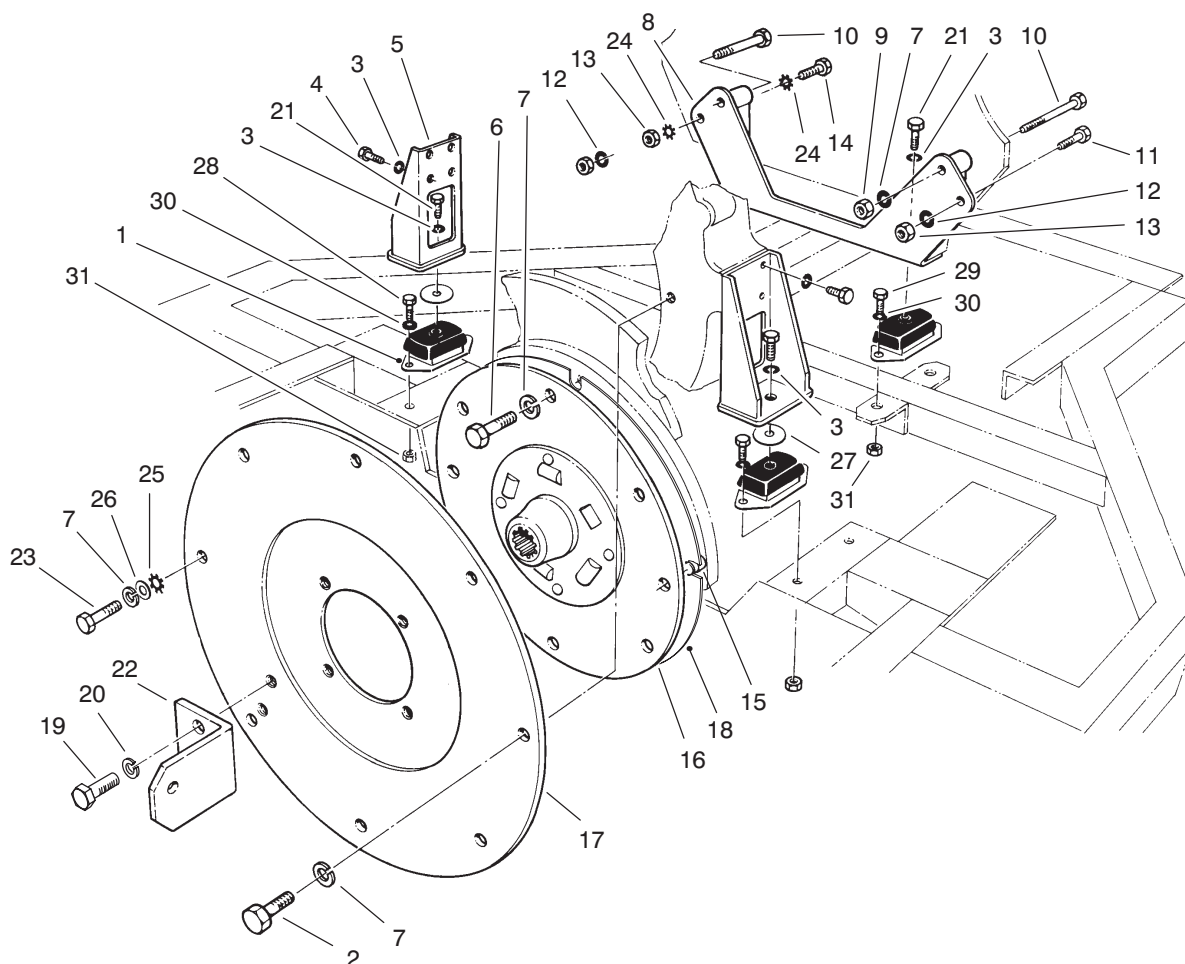


T-1699-1

REAR AXLE PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	340-117	Fitting – Hydraulic Cap	1
2	237-22	Seal – O-Ring	9
3	340-71	Fitting – Hydraulic Bulkhead (Incl. Ref. #2)	2
4	323-4	Screw – Cap Hex. Hd.	2
5	3253-21	Washer – Lock	2
6	92-5686	Hose – Hydraulic	1
7	92-5698	Hose – Hydraulic	1
8	92-5688	Hose – Hydraulic	1
9	340-70	Nut – Bulkhead	3
10	340-115	Fitting – Hydraulic Tee (Incl. Ref. #2)	2
11	92-5665	Hose – Hydraulic	1
12	94-8272	Hose – Hydraulic	2

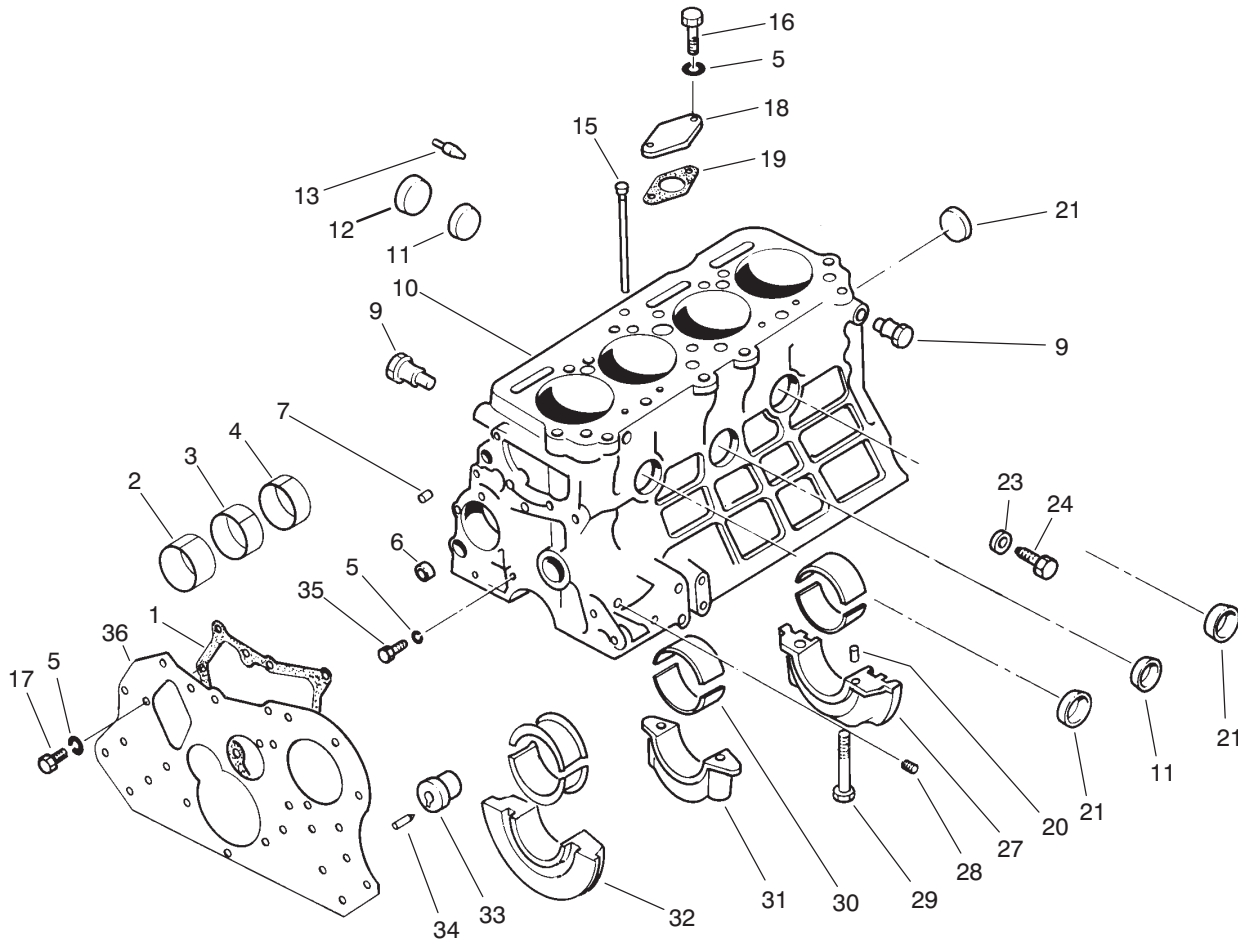
Ref. No.	Part No.	Description	No. Used
13	92-5664	Hose – Hydraulic	2
14	94-8271	Hose – Hydraulic	2
16	340-74	Nut – Bulkhead	6
17	94-8277	Bracket – Bulkhead	1
18	94-8278	Hydraulic Tube Assembly (Incl. Ref. #2)	1
19	94-8276	Hydraulic Tube Assembly (Incl. Ref. #20)	1
20	237-65	Seal – O-Ring	2
21	94-8275	Hydraulic Tube Assembly (Incl. Ref. #20)	1
22	340-76	Fitting – Hydraulic Bulkhead (Incl. Ref. #23)	4
23	237-65	Seal – O-Ring	8



T-0142-1

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	48-3250	Mount - Rubber	4	17	69-9550	Plate - Pump Adapter	1
2	48-9470	Bolt	7	18	94-8451	Spacer - Coupling	1
3	48-8070	Washer - Lock	12	19	3213-20	Bolt	2
4	48-7830	Bolt	8	20	3253-7	Washer - Lock	2
5	48-3380	Leg - Support	2	21	60-6870	Bolt	4
6	48-7780	Bolt	6	22	60-1010	Lug - Angle	1
7	48-9590	Washer - Lock	16	23	48-9480	Bolt	1
8	58-0660	Foot - Front	1	24	3255-8	Washer - Lock	2
9	48-7960	Nut - Hex.	2	25	3255-9	Washer - Lock	1
10	48-7570	Bolt	2	26	48-9580	Washer	1
11	48-9460	Bolt	1	27	58-5100	Washer	2
12	48-9570	Washer - Lock	2	28	323-7	Screw - Cap Hex. Hd.	4
13	48-7930	Nut - Hex.	3	29	323-6	Screw - Cap Hex. Hd.	4
14	60-4540	Bolt	1	30	3256-24	Washer - Flat	8
15	58-3590	Dowel	2	31	32128-21	Nut - Hex.	8
16	92-1753	Coupling - Spring Center	1				



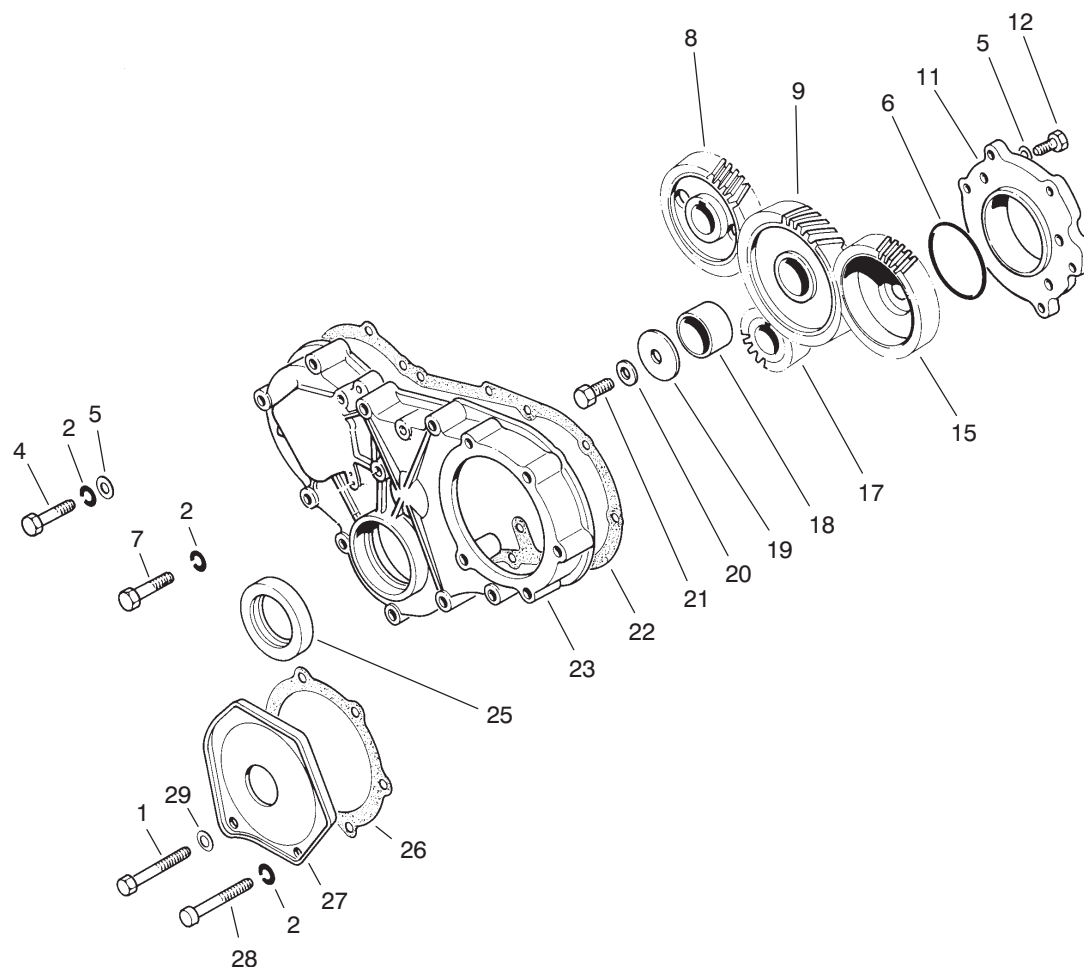
T-0143A

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1	51-5730	Gasket	1	21	51-5590	Cap – Sealing	3
2	51-5500	Bushing – Camshaft No. 1	1	23	51-8270	Washer – Sealing	1
3	51-5510	Bushing – Camshaft No. 2	1	24	51-8280	Bolt	1
4	51-5520	Bushing – Camshaft No. 3	1	†27		Cap – Bearing No. 3	1
5	51-7250	Washer	5	28	86-6240	Plug – Taper	3
6	51-5530	Cap – Sealing	2	29	86-6230	Bolt	6
7	51-5540	Pin – Dowel, Gear Case	2	30	51-5770	Bearing Set Std.	1
9	51-5580	Hanger	2	*	51-8100	Bearing Set 0.25mm U.S.	1
†10		Crankcase	1	*	51-8110	Bearing Set 0.50mm U.S.	1
11	51-5600	Cap – Sealing	3	*	51-8120	Bearing Set 0.75mm U.S.	1
12	51-5670	Cap – Sealing	2	†31		Cap – Bearing No. 2	1
13	51-8260	Switch – Indicator, Oil Pressure	1	†32		Cap – Bearing No. 1	1
15	51-5560	Pipe – Oil	1	33	51-5640	Idler Gear Shaft Assembly (Incl. Ref. #34)	1
16	60-7280	Bolt	2	34	51-5650	Pin – Spring	1
17	60-7110	Bolt	2	35	60-7310	Bolt	1
18	51-6480	Cover	1	36	86-6250	Plate – Front	1
†19	51-6490	Gasket	1	*	92-5268	Engine Gasket Kit	1
20	51-5610	Pin – Dowel	8	*	92-2986	Engine – Complete	1

*Not Illustrated

†Not Serviceable Separately ‡Included in Engine Gasket Kit

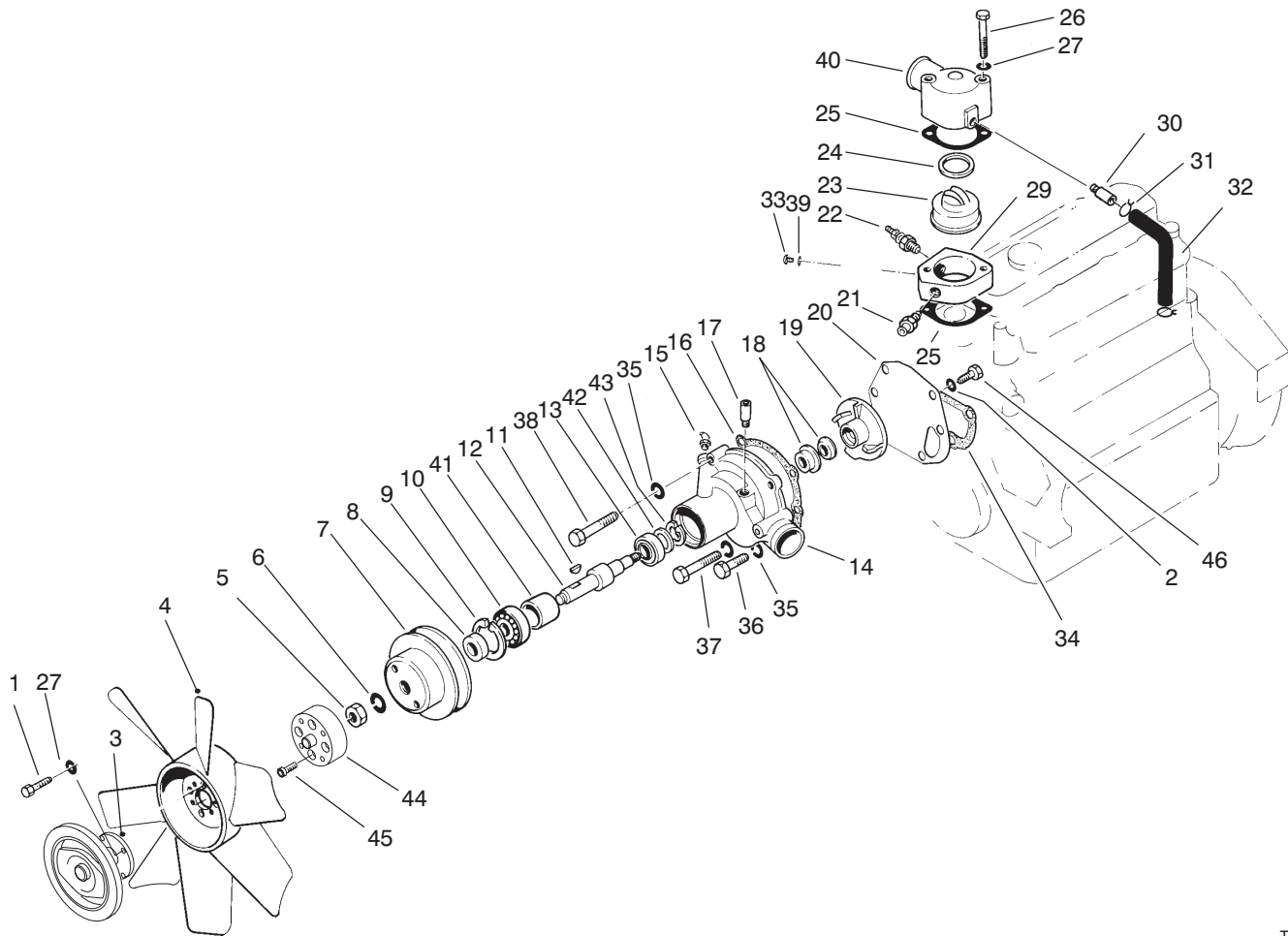


T-0146A

TIMING GEAR & CASE COMPONENTS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-2860	Bolt	4	17	51-6450	Gear – Crankshaft	1
2	51-7250	Washer – Spring	13	18	86-6300	Bushing	1
4	60-7040	Bolt	1	19	51-6400	Plate – Thrust	1
5	51-5160	Washer	2	20	51-6390	Washer	1
‡6	60-7060	O-Ring	1	21	60-7210	Bolt	1
7	60-7050	Bolt	8	‡22	51-5820	Gasket	1
8	51-6410	Gear – Camshaft	1	23	92-6096	Case – Timing Gear	1
9	86-6290	Idler Gear Assembly (Incl. Ref. #18)	1	25	51-5870	Seal	1
11	60-7200	Plate – Flange	1	‡26	51-5860	Gasket	1
12	51-8310	Bolt	1	27	51-5850	Cover	1
15	86-6310	Gear – Injector Pump	1	28	60-7180	Bolt	1
				‡29	51-5840	Washer – Sealing	1

‡Included in Engine Gasket Kit



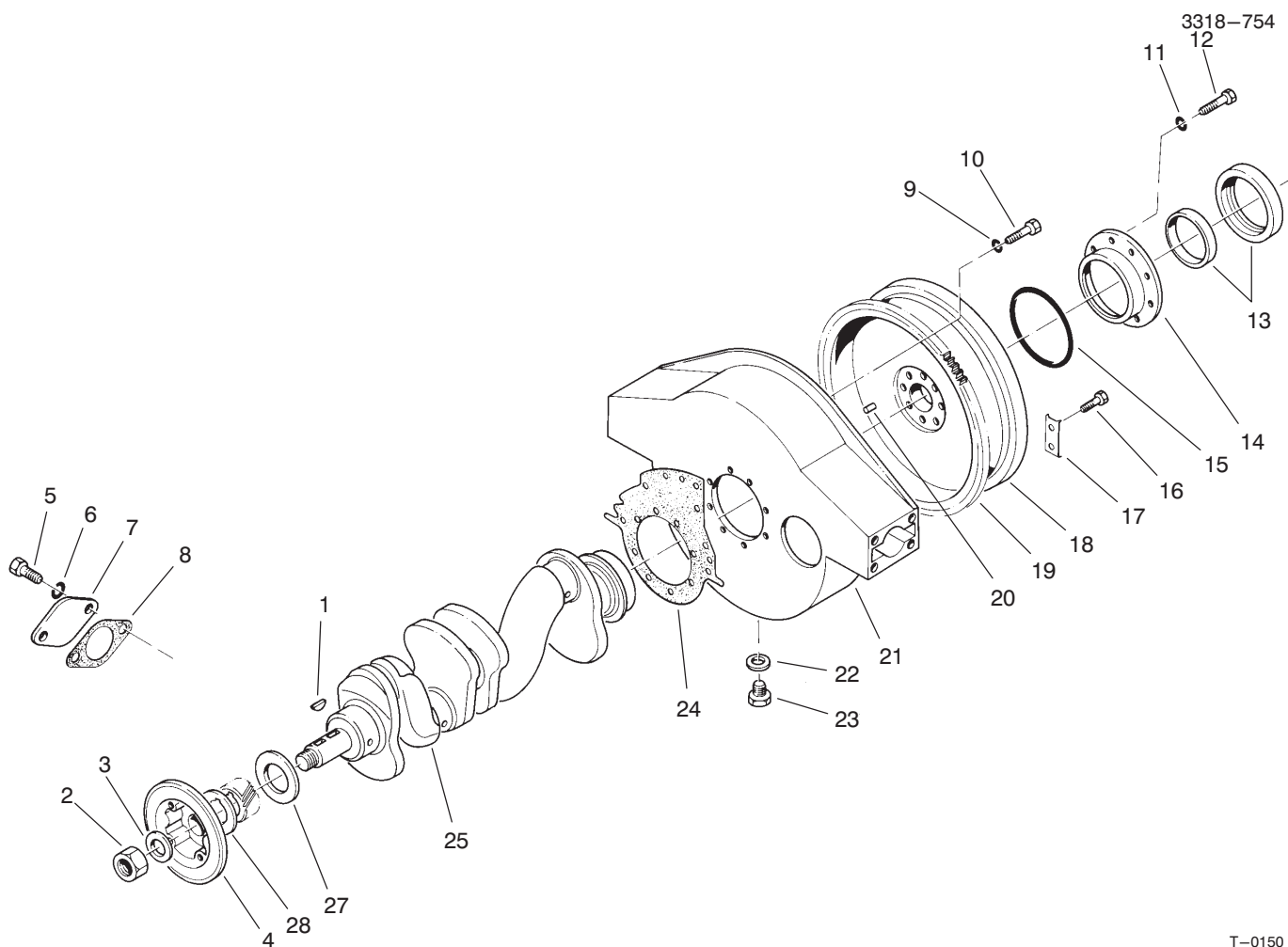
T-1788

WATER PUMP & THERMOSTAT HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-2	Screw – Cap Hex. Hd.	8
2	51-7250	Washer – Lock	2
3	93-1430	Clutch – Fan	1
4	92-2961	Fan	1
5	51-6910	Nut – Jam	1
6	51-6920	Washer – Spring	1
7	51-7130	Pulley – Water Pump	1
8	51-6930	Spacer – Water Pump	2
9	51-6940	Ring – Retaining	1
10	51-6950	Bearing – Ball	1
11	51-6960	Key – Woodruff	1
12	86-6320	Shaft	1
13	51-6980	Bearing – Ball	1
14	51-8240	Water Pump Assembly (Incl. Ref. #1, 2, 5, 6, 8-13, 15-20 & 34-38)	1
15	51-7020	Fitting – Grease	1
‡16	51-7010	Gasket	1
17	86-6330	Pipe	1
18	51-7030	Seal Unit	1
19	86-6340	Impeller	1
20	51-7050	Cover	1
21	60-5590	Switch – Temp.	1
22	59-7160	Sender – Temp.	1

Ref. No.	Part No.	Description	No. Used
23	51-7230	Thermostat	1
‡24	51-7220	Gasket	1
‡25	51-7210	Gasket	2
26	68-6030	Bolt	2
27	3253-4	Washer – Lock	10
29	92-9265	Housing – Thermostat	1
30	51-7170	Pipe	1
31	51-7200	Clamp – Hose	2
32	70-5040	Hose – By-Pass	1
33	62-6320	Screw – Brass	1
‡34	51-7080	Gasket	1
35	51-6390	Washer – Spring	4
36	51-4910	Bolt	2
37	51-4920	Bolt	1
38	51-4930	Bolt	1
39	3255-5	Washer – Lock	1
40	51-7160	Elbow Assembly (Incl. Ref. #30)	1
41	86-6370	Spacer	1
42	86-6360	Washer	1
43	86-6350	Ring – Retaining	1
44	92-4760	Spacer – Fan	1
45	92-5697	Screw – Hex. Socket Hd.	4
46	60-7110	Screw – Cap Hex. Hd.	2

‡Included in Engine Gasket Kit

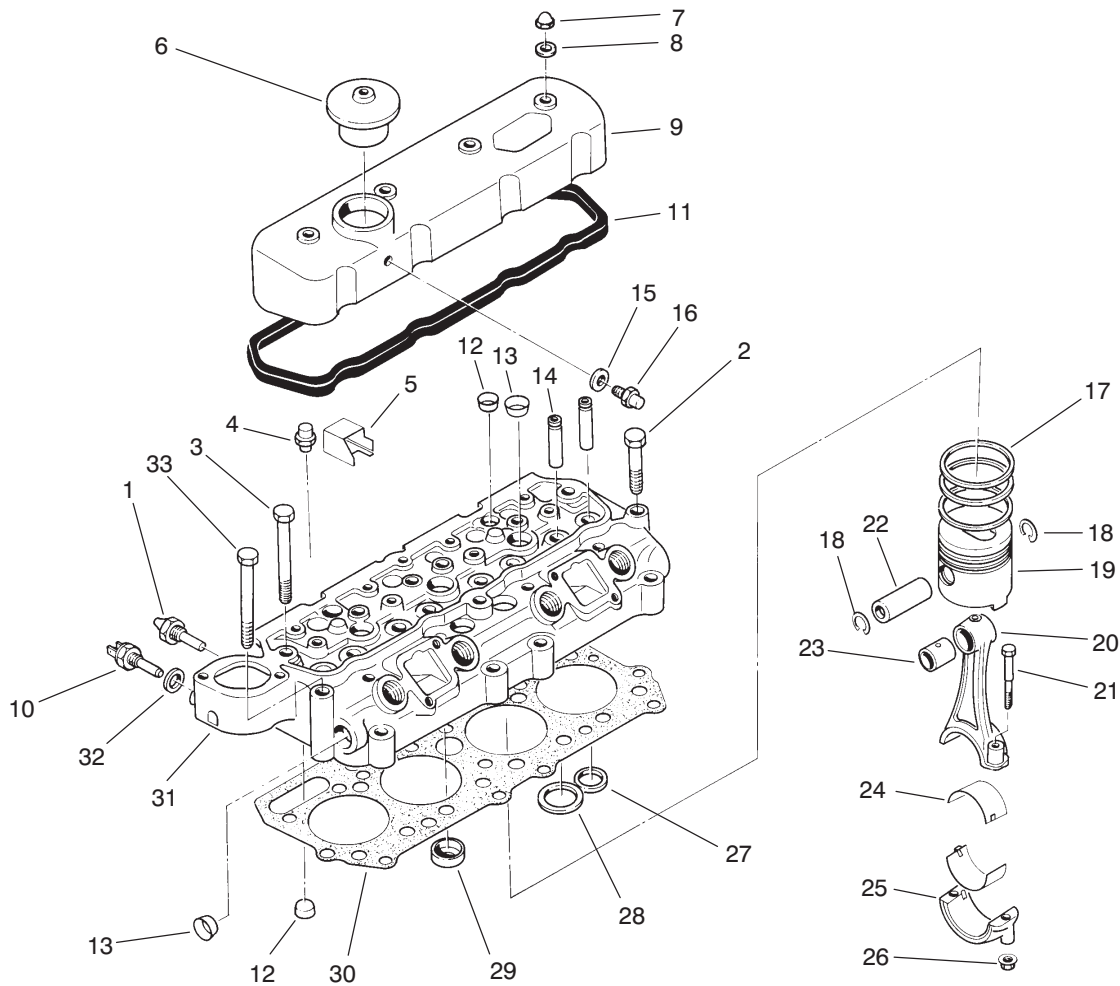


T-0150

CRANKSHAFT & FLYWHEEL HOUSING COMPONENTS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-5460	Key – Woodruff	2	16	51-6370	Bolt – Seal	4
2	60-5220	Nut	1	17	51-6360	Washer – Lock	2
3	51-6270	Washer	1	18	51-6340	Flywheel Assembly (Incl. Ref. #19)	1
4	51-6310	Pulley – Crankshaft	1	19	51-6350	Gear – Ring	1
5	60-7110	Bolt	2	20	51-6300	Pin – Dowel	2
6	51-7250	Washer – Spring	2	21	51-5940	Housing – Flywheel	1
7	51-6010	Cover	1	‡22	51-6100	Gasket – Housing, Flywheel	1
‡8	51-6020	Gasket	1	23	51-6030	Plug	1
9	51-6390	Washer – Spring	7	‡24	86-6270	Gasket	1
10	60-7480	Bolt	7	25	86-6280	Crankshaft Assembly (Incl. Ref. #1-3, & 20)	1
11	51-7400	Washer – Spring	8	27	51-6330	Plate – Thrust	1
12	60-7490	Bolt	8	28	51-6320	Plate – Baffle	1
13	60-7430	Oil Seal Assembly	1				
14	51-5900	Case – Seal, Oil	1				
‡15	51-5910	O-Ring	1				

‡Included in Engine Gasket Kit



T-0151

CYLINDER HEAD & PISTON COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	86-6520	Switch – Temp. Warning	1
2	51-5030	Bolt – Cylinder Head	5
3	51-5040	Bolt – Cylinder Head	10
4	51-5050	Connector – Fitting	1
5	51-5410	Cover	1
6	51-5350	Cap – Oil Fill	1
7	51-5360	Nut – Cap	4
†8	51-5370	Gasket	4
9	51-5380	Rocker Cover Assembly (Incl. Ref. #5,15-16)	1
10	59-7950	Switch – Cold Start	1
†11	51-5420	Gasket – Rocker Cover	1
12	51-5530	Cap – Sealing	6
13	51-4940	Cap – Sealing	10
14	86-6200	Guide – Valve	8
†15	51-5390	Washer – Sealing	1
16	51-5400	Connector	1
17	92-5262	Piston Ring Set Std.	1
*	92-5263	Piston Ring Set 0.5. 0.25mm	1
*	92-5264	Piston Ring Set 0.5. 0.50mm	1
18	51-6190	Ring – Snap	8
19	92-5259	Piston Std.	4
*	92-5260	Piston .05 0.25mm	4
*	92-5261	Piston .05 0.5mm	4

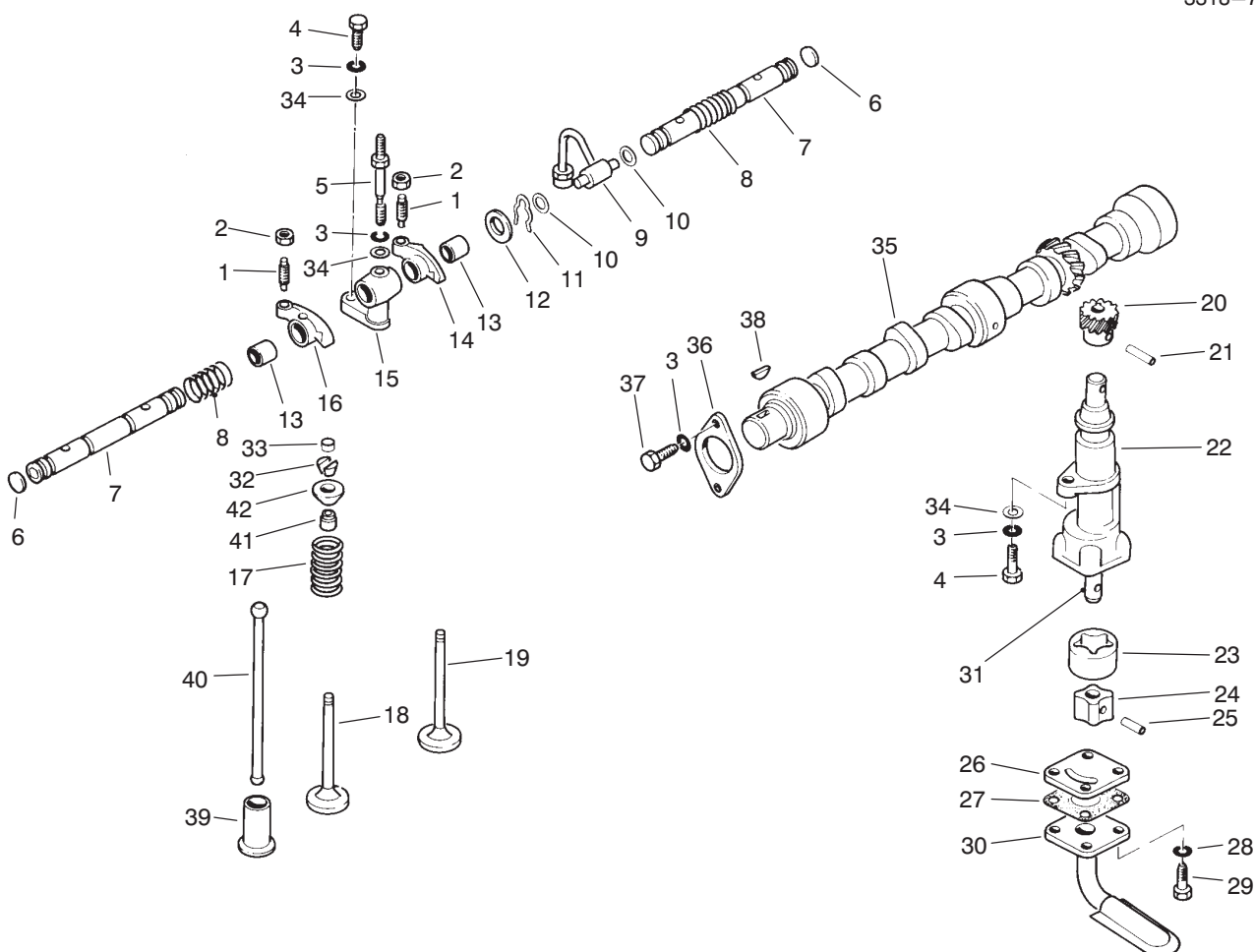
Ref. No.	Part No.	Description	No. Used
20	51-6200	Connecting Rod Assembly (Incl. Ref. #21, 23, 25 & 26)	4
21	51-6220	Bolt	8
22	51-6180	Pin – Piston	4
23	51-6210	Bushing	4
24	51-6240	Bearing – Connecting Rod (Std.)	8
*	51-8190	Bearing – Connecting Rod U.S. 0.25mm	8
*	51-8200	Bearing – Connecting Rod U.S. 0.50mm	8
*	51-8210	Bearing – Connecting Rod U.S. 0.75mm	8
†25		Cap – Connecting Rod	4
26	51-6230	Nut	8
27	51-4970	Insert – Valve Seat, Exhaust	4
28	51-4980	Insert – Valve Seat, Inlet	4
29	92-5265	Jet – Combustion Std.	4
†30	92-5266	Gasket – Cylinder Head	1
31	92-5267	Cylinder Head Assembly (Incl. Ref. #12-14 & 27-29)	1
32	51-6890	Gasket	1
33	63-4740	Bolt – Cylinder Head	2

*Not Illustrated

†Not Serviceable Separately

‡Included in Engine Gasket Kit

Note: Dimensions listed in millimeters to convert to inches; divide mm by 25.4.



T-0152

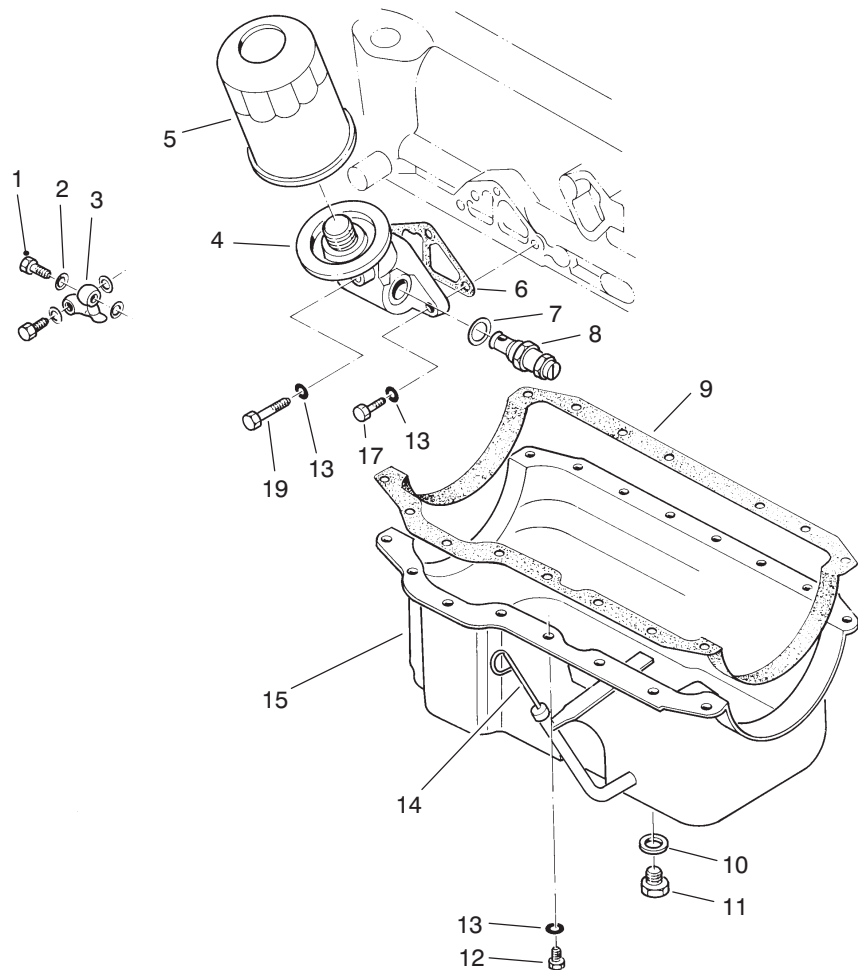
VALVE, CAMSHAFT & PUMP COMPONENTS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-5130	Screw - Adjusting	8	22	51-6670	Oil Pump Assembly (Incl. Ref. #20, 21, 23-26, 28-29 & 31)	1
2	51-5210	Nut - Jam	8	†23		Rotor - Outer	1
3	51-7250	Washer - Spring	11	†24		Rotor - Inner	1
4	60-7370	Bolt	5	†25		Pin	1
5	51-5190	Bolt	4	26	51-6720	Cover - Oil Pump Case	1
6	51-5090	Plug - Expansion	2	†27	51-6760	Gasket	1
7	51-5080	Rocker Shaft Assembly (Incl. Ref. #6)	2	28	51-7400	Washer - Spring	4
8	51-5100	Spring - Rocker Shaft	2	29	60-7290	Bolt	4
9	51-5250	Pipe - Oil	1	30	51-6750	Strainer - Oil	1
†10	51-5240	Seal - O-Ring	2	†31		Shaft - Pump Main	1
11	51-5260	Ring - Snap	4	32	51-5290	Keeper - Valve	16
12	51-5270	Washer	4	33	51-5280	Cap	8
13	51-5120	Bushing - Rocker	8	34	51-5160	Washer - Flat	9
14	51-5200	Rocker Assembly (Incl. Ref. #1, 2 & 13)	4	35	51-5450	Camshaft	1
15	51-5150	Bracket - Rocker Shaft	4	36	51-5470	Plate - Thrust	1
16	51-5110	Rocker Assembly (Incl. Ref. #1, 2 & 13)	4	37	60-7110	Bolt	2
17	51-5320	Spring - Valve	8	38	51-5460	Key - Woodruff	1
18	51-5340	Valve - Inlet	4	39	86-6220	Tappet	8
19	51-5330	Valve - Exhaust	4	40	51-5430	Pushrod	8
20	51-6680	Gear - Pump Drive	1	41	51-5310	Seal - Valve Stem	8
21	51-6690	Pin	1	42	86-6210	Retainer - Upper	8
				*	51-6700	Oil Pump Rotor Assembly (Incl. Ref. #23-25 & 31)	1

*Not Illustrated

†Not Serviceable Separately

‡Included in Engine Gasket Kit

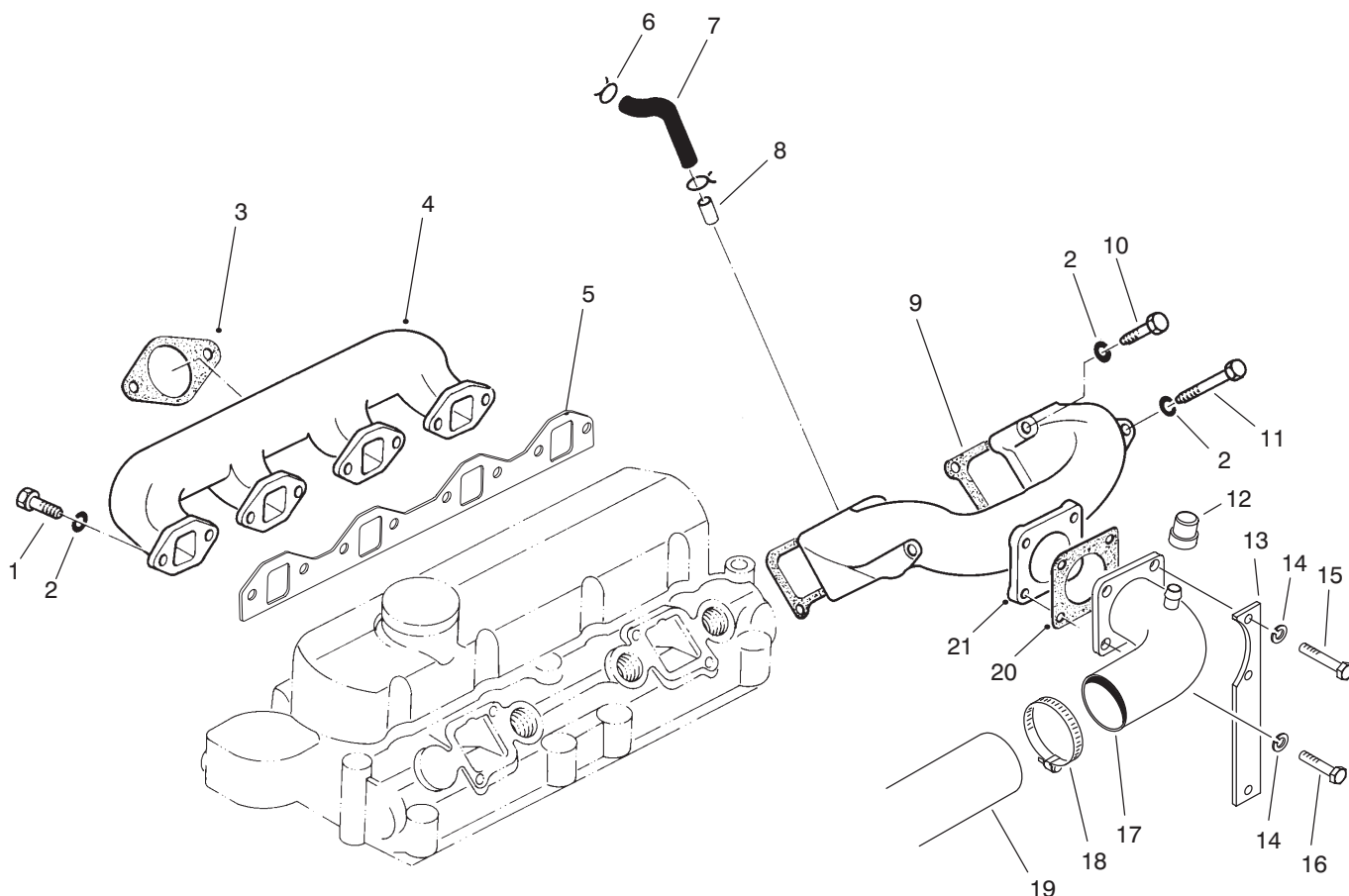


T-0153

OIL PAN & OIL FILTER

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-6880	Bolt – Joint	2	‡10	68-6430	Gasket	1
‡2	51-6890	Gasket	4	11	68-6420	Plug	1
3	51-6900	Pipe – Oil	1	12	60-7110	Bolt	16
4	51-6800	Oil Filter Assembly (Incl. Ref. #5 & 7-8)	1	13	51-7250	Washer – Spring	19
5	49-2500	Element – Filter	1	14	68-6440	Dipstick	1
‡6	51-6870	Gasket	1	15	68-6400	Oil Pan Assembly (Incl. Ref. #10 & 11)	1
‡7	51-6820	Washer – Gasket	1	17	60-7370	Bolt	2
8	51-6830	Relief Valve Assembly	1	19	60-7360	Bolt	1
‡9	68-6410	Gasket	1				

‡Included in Engine Gasket Kit

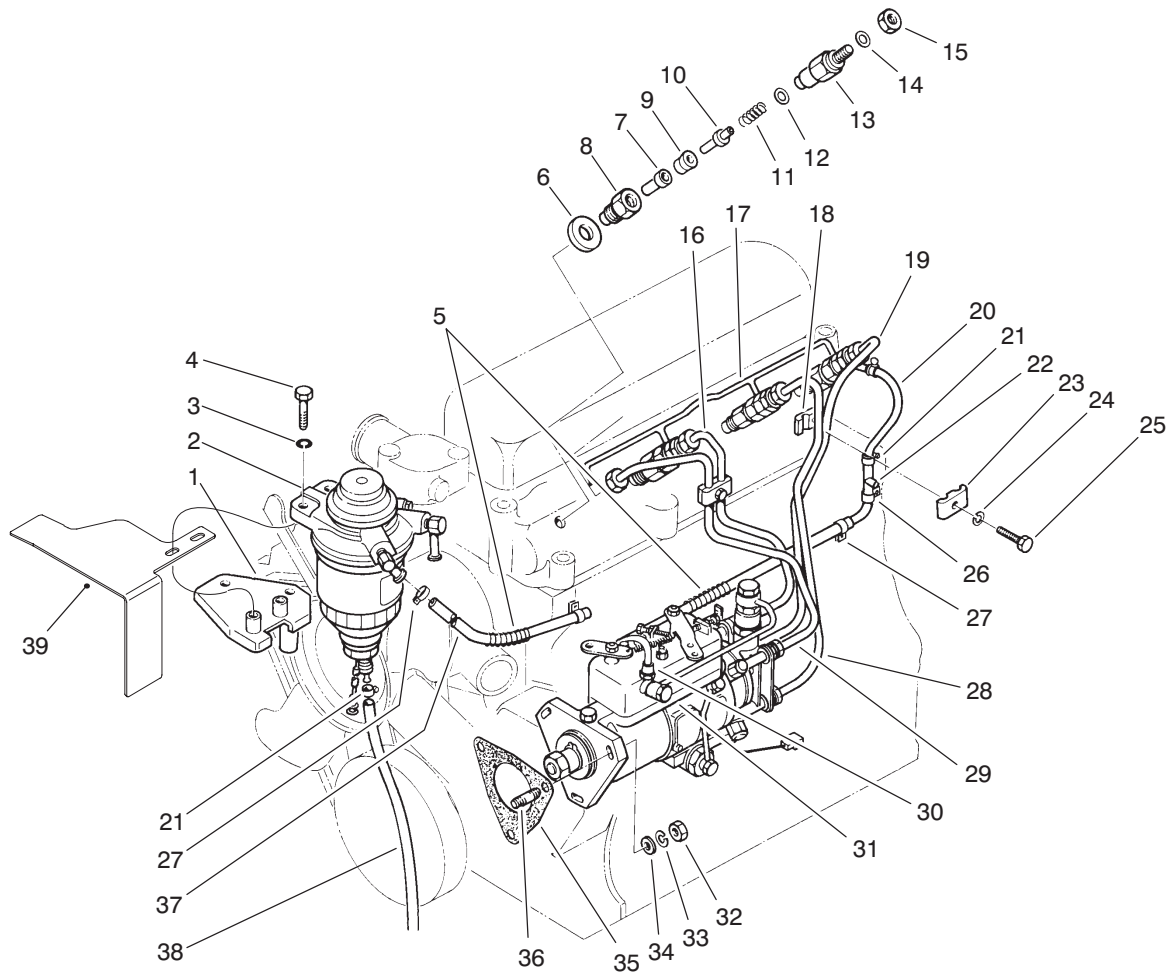


T-1686

INTAKE & EXHAUST MANIFOLD

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	60-7280	Bolt	8	12	69-1940	Indicator – Electrical	1
2	51-7250	Washer – Spring	12	13	92-4754	Bracket – Cable	1
‡3	51-6630	Gasket – Exhaust Pipe	1	14	43-5930	Washer – Lock	4
4	51-6620	Manifold – Exhaust	1	15	48-7630	Screw – Cap Hex. Hd.	2
‡5	51-6660	Gasket – Exhaust Manifold	1	16	48-7620	Screw – Cap Hex. Hd.	2
6	51-6600	Clamp	2	17	92-4731	Pipe – Intake	1
7	51-7190	Hose – Rubber	1	18	2412-42	Clamp – Hose	1
8	51-7170	Pipe	1	19	92-4752	Hose – Intake	1
‡9	51-6500	Gasket – Intake Manifold	2	‡20	51-6550	Gasket – Intake Pipe	1
10	60-7040	Bolt	2	21	51-6540	Manifold – Inlet	1
11	60-7300	Bolt	2				

‡Included in Engine Gasket Kit



T-0155A

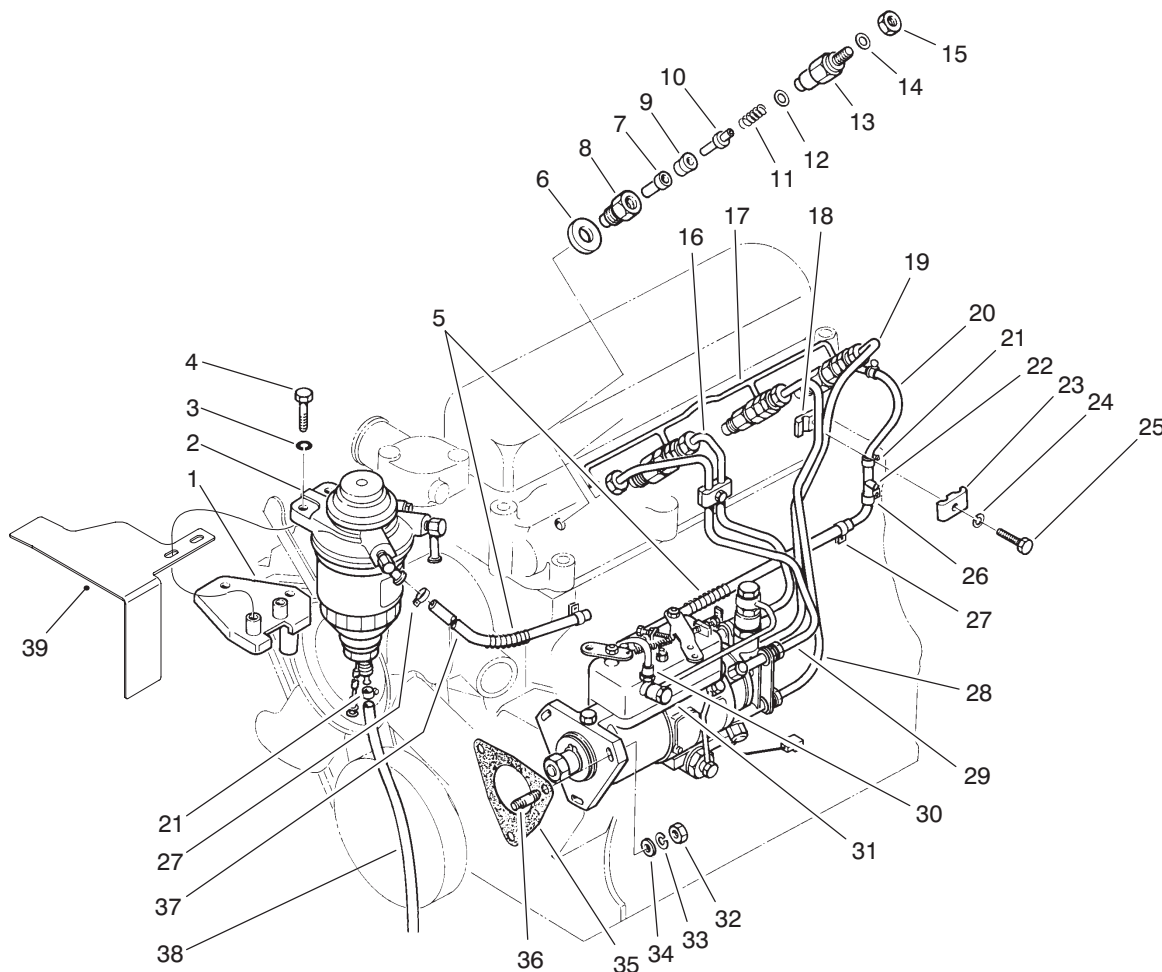
INJECTION PUMP & NOZZLE COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	60-5000	Bracket	1
2	60-5010	Fuel Filter Assembly	1
3	51-7250	Washer	2
4	60-7050	Bolt	2
5	60-5030	Wrap - Spiral	2
‡6	67-3390	Gasket	4
7	72-0160	Nozzle Tip Assembly	4
8	72-0270	Nut - Retaining	4
9	72-0280	Spacer	4
10	93-3502	Pin - Pressure	4
11	72-0300	Spring - Pressure	4
12	51-7490	Shim - 1.0mm	A/R
*	51-8390	Shim - 1.05mm	A/R
*	51-8400	Shim - 1.10mm	A/R
*	51-8410	Shim - 1.15mm	A/R
*	51-8420	Shim - 1.20mm	A/R
*	51-8430	Shim - 1.25mm	A/R
*	51-8440	Shim - 1.30mm	A/R
*	51-8450	Shim - 1.35mm	A/R
*	51-8460	Shim - 1.40mm	A/R
*	51-8470	Shim - 1.45mm	A/R
*	51-8480	Shim - 1.50mm	A/R
*	51-8490	Shim - 1.55mm	A/R
*	51-8500	Shim - 1.60mm	A/R
*	51-8510	Shim - 1.65mm	A/R

Ref. No.	Part No.	Description	No. Used
*12	51-8520	Shim - 1.70mm	A/R
*	51-8530	Shim - 1.75mm	A/R
*	51-8540	Shim - 1.80mm	A/R
*	51-8550	Shim - 1.85mm	A/R
*	51-8560	Shim - 1.90mm	A/R
*	51-8570	Shim - 1.95mm	A/R
13	72-0320	Nozzle - Body	4
14	72-0330	Packing	4
15	72-0310	Nut	4
*	72-0150	Nozzle Assembly (Complete) (Incl. Ref. #7-15)	4
16	72-0180	Pipe - Injector No. 2	1
17	72-0210	Pipe - Fuel Leak-Off	1
18	60-5090	Clamp - Lower	2
19	72-0200	Pipe - Injector No. 4	1
20	60-5150	Hose - Rubber	1
21	60-5160	Clip	3
22	60-5170	Connector	1
23	60-5210	Clamp - Upper	2
24	51-7400	Washer - Spring	2
25	60-7290	Bolt	2
26	60-5180	Clip	1
27	60-5020	Clip	4
28	72-0190	Pipe - Injector No.3	1

*Not Illustrated

‡Included in Engine Gasket Kit

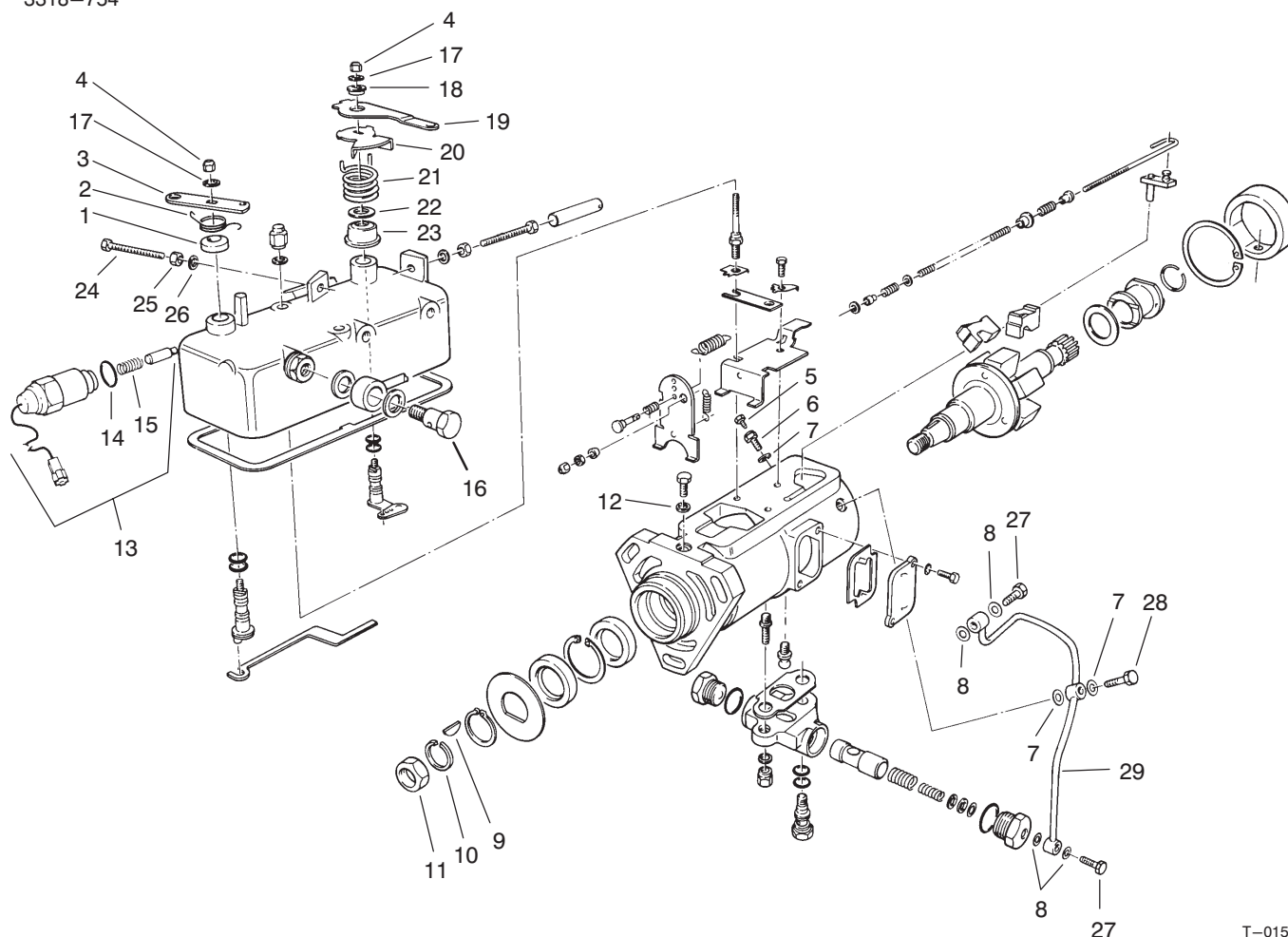


T-0155A

INJECTION PUMP & NOZZLE COMPONENTS (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
29	72-0170	Pipe – Injector No. 1	1	34	86-6380	Washer	3
30	60-5070	Pipe – Fuel	1	‡35	60-7190	Gasket	1
31	60-5100	Injection Pump Assembly (Complete)	1	36	86-6390	Stud	3
32	60-7120	Nut	3	37	60-5040	Hose – Fuel Feed	1
33	51-7250	Washer – Spring	3	38	60-2780	Tube – Drain	1
				39	93-7767	Guard – Pulley (Europe)	1

‡Included in Engine Gasket Kit

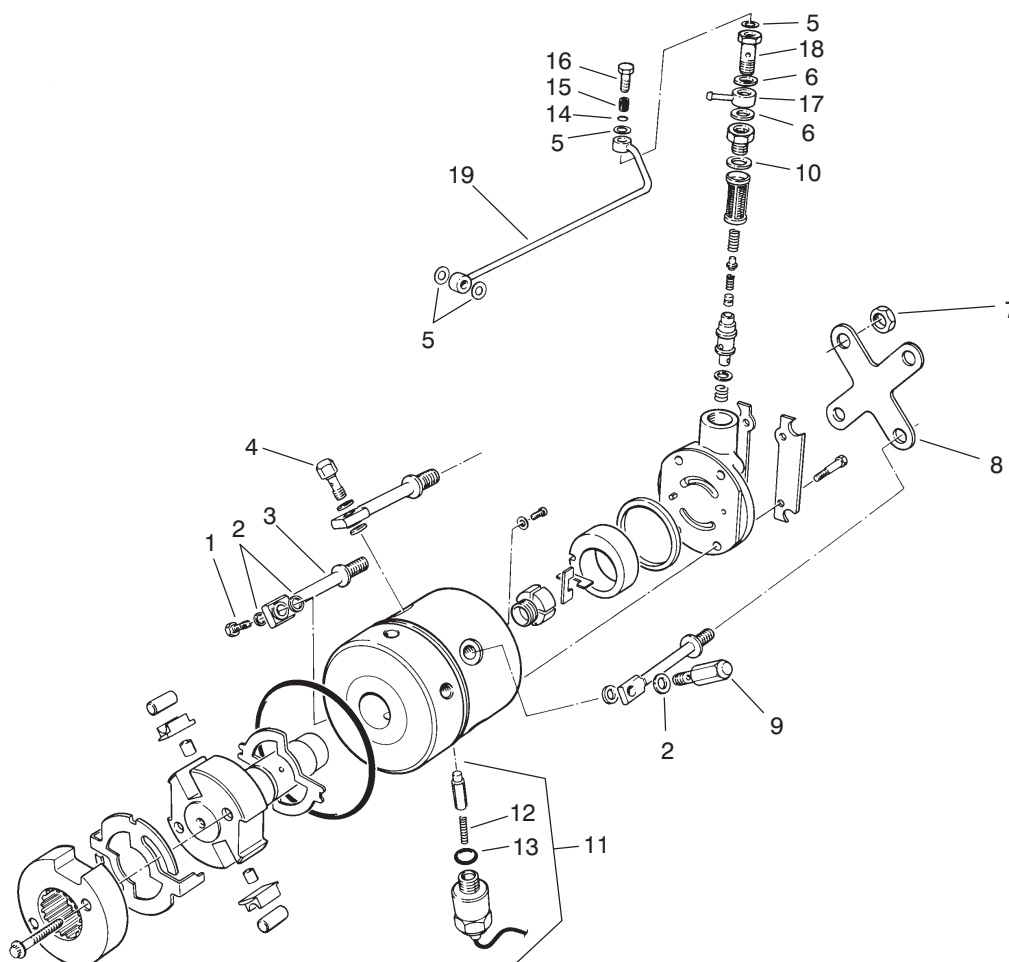


T-0156

FUEL INJECTION PUMP NO. 60-5100

Ref. No.	Part No.	Description	No. Used
1	86-6760	Guide	1
2	63-4560	Spring	1
3	63-4570	Lever	1
4	63-4580	Nut	2
5	63-4590	Screw - Vent	1
6	63-4600	Body - Screw Vent	1
7	63-4610	Washer	3
8	63-4620	Washer	4
9	63-4630	Key	1
10	63-4640	Washer - Lock	1
11	60-7260	Nut - Hex	1
12	60-3060	Washer	1
13	60-3160	Solenoid (Incl. Ref. #14 & 15)	1
14	60-3150	Sealing Ring	1
15	60-3140	Spring	1

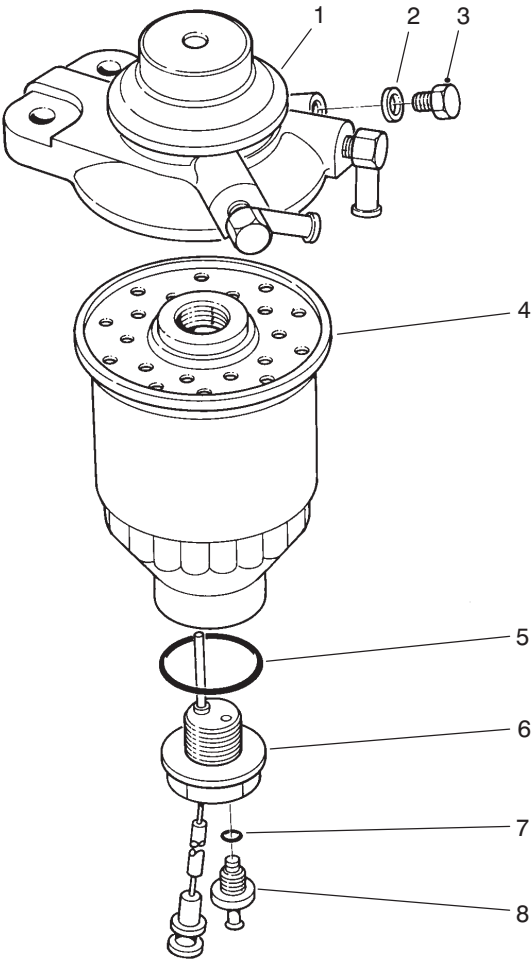
Ref. No.	Part No.	Description	No. Used
16	86-6650	Bolt - Outlet	1
17	86-6750	Washer	2
18	86-6700	Bushing	1
19	86-6690	Lever	1
20	86-6710	Arm	1
21	86-6730	Spring	1
22	86-6720	Washer	1
23	86-6740	Guide	1
24	86-6770	Screw	1
25	86-6680	Nut	1
26	86-6790	Washer	1
27	86-6820	Bolt	2
28	86-6800	Bolt	1
29	86-6810	Pipe Assembly	1
*	86-6680	Lever Assembly (Incl. Ref. #17-23)	1



T-0157

FUEL INJECTION PUMP NO. 60-5100 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	60-3070	Valve - Pressure	1	11	60-3160	Solenoid (Incl. Ref. #12 & 13)	1
2	60-3060	Washer	8	12	60-3140	Spring	1
3	60-3090	Banjo	4	13	60-3150	Ring - Sealing	1
4	63-4670	Valve - Pressure	2	14	86-6640	Seal O-Ring	1
5	63-4660	Washer	4	15	86-6630	Seal - Rubber	1
6	63-4650	Washer	2	16	86-6620	Bolt	1
7	60-3120	Nut	4	17	86-6660	Joint	1
8	60-3130	Plate - Clamping	1	18	86-6610	Bolt - Inlet	1
9	60-3100	Valve - Pressure	1	19	86-6670	Tube - Fuel	1
10	60-3110	Washer	1				

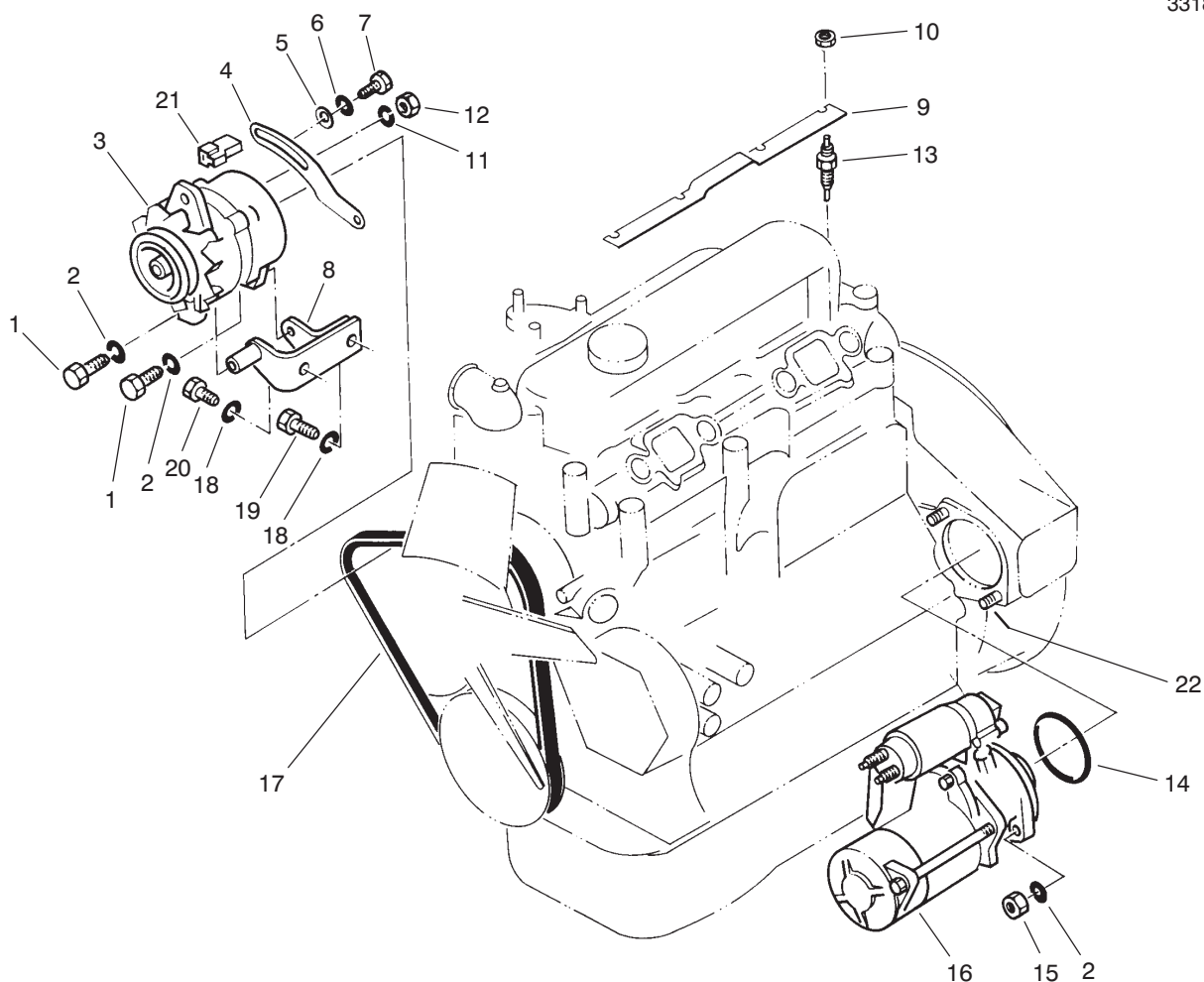


T-0158

FUEL FILTER ASSEMBLY NO. 60-5010

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
*1		Body Assembly	1	*5		O-Ring	1
*2		Seal	1	6	60-5480	Sensor - Water	1
3	60-5450	Plug - Air (Incl. Ref. #2)	1	*7		O-Ring	1
4	60-5470	Filter Element Assembly (Incl. Ref. #5)	1	8	60-5490	Kit - Drain Plug (Incl. Ref. #7)	1

*Not Serviceable Separately



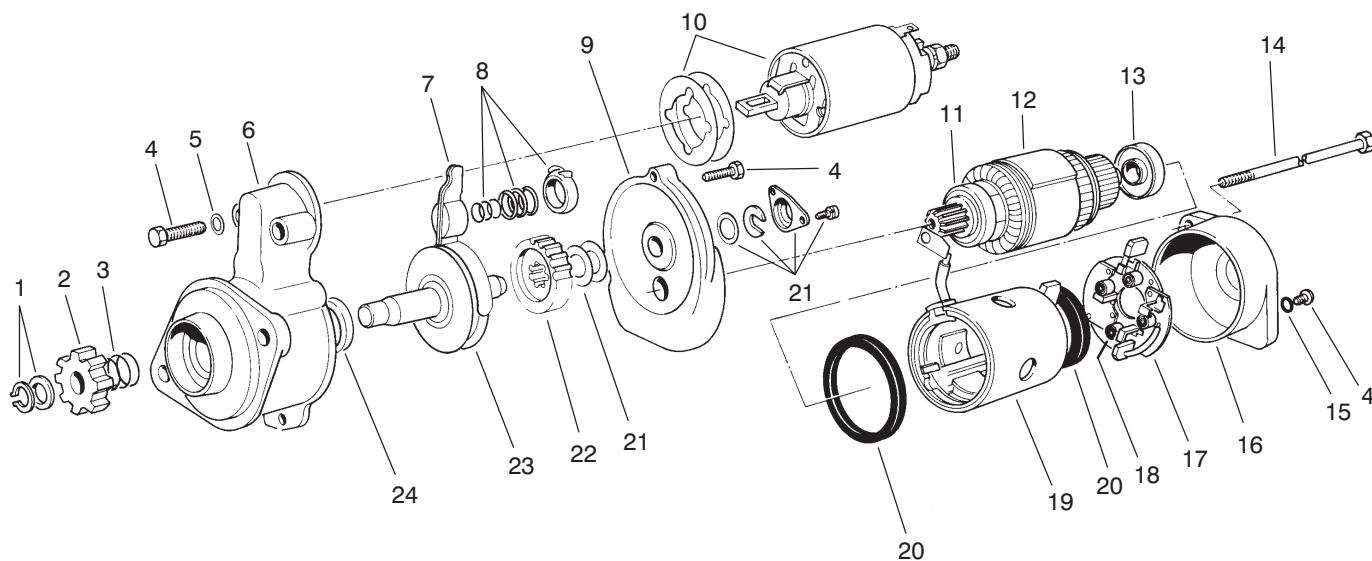
T-0159

ELECTRICAL COMPONENT PARTS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-8640	Bolt	2	13	51-8660	Plug – Glow (Incl. Ref. #10)	4
2	51-6390	Washer – Spring	4	‡14	60-5430	O-Ring	1
3	60-5421	Alternator	1	15	51-5970	Nut	2
4	51-8580	Plate – Adjusting	1	16	51-7590	Motor – Starter	1
5	51-8590	Washer – Flat	1	17	49-2520	Belt	1
6	51-7250	Washer – Spring	1	18	51-8610	Washer – Spring	2
7	60-7370	Bolt	1	19	51-8620	Bolt	1
8	51-8600	Bracket – Alternator	1	20	51-8630	Bolt	1
9	51-8650	Plate – Connection	1	21	86-6400	Diode	1
*10		Nut	4	22	51-5950	Stud	2
11	48-8000	Washer – Spring	1				
12	48-7880	Nut	1				

*Not Serviceable Separately

‡Included in Engine Gasket Kit



T-0160

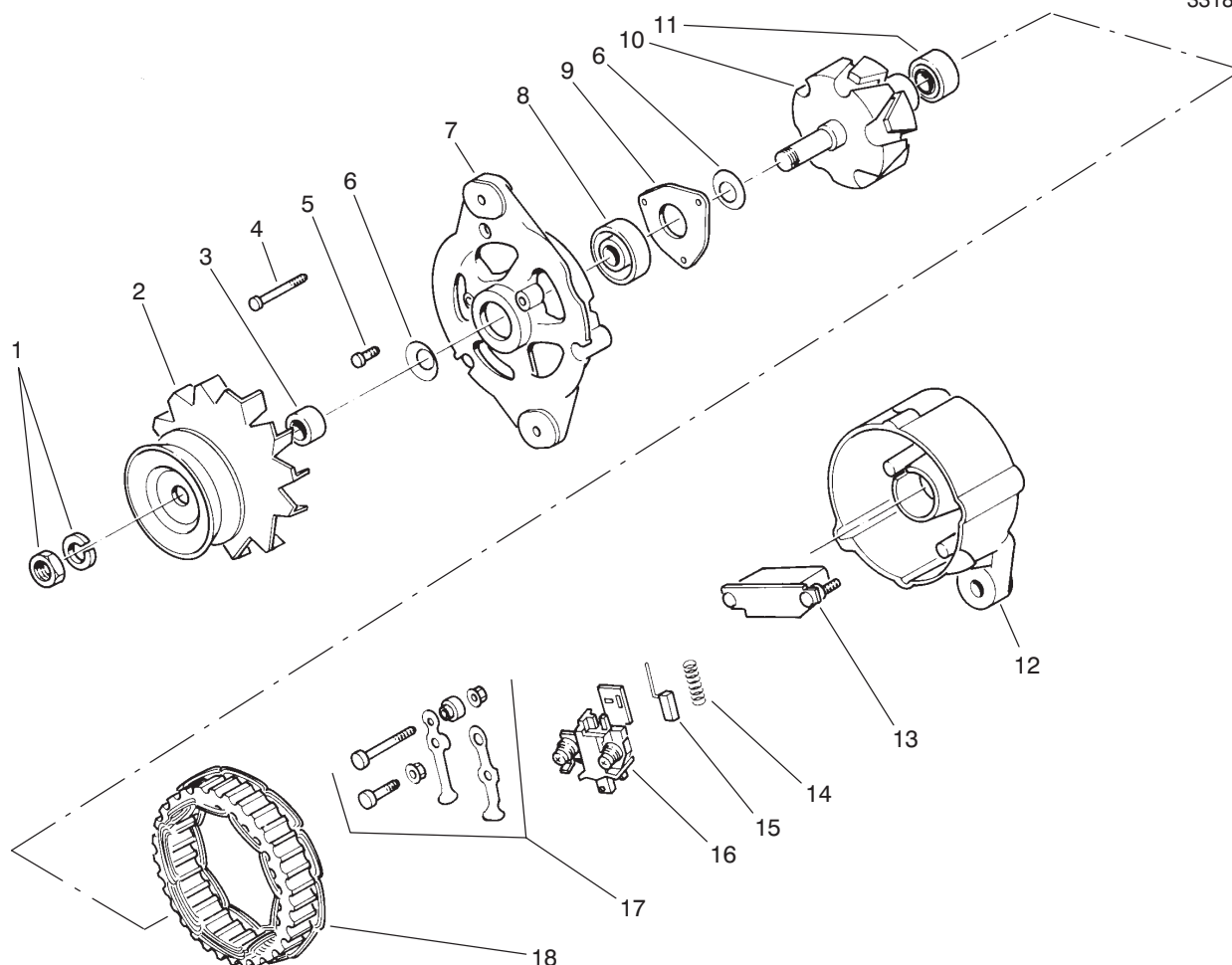
STARTER MOTOR ASSEMBLY NO. 51-7590

Ref. No.	Part No.	Description	No. Used
1	51-7740	Retaining Ring Assembly	1
2	51-7730	Pinion Gear Assembly	
		(Incl. Ref. #1 & 3)	1
†3		Spring	1
4	51-7600	Screw - Set	1
5	51-7610	Packing	2
6	51-7620	Front Cover Assembly	
		(Incl. Ref. #24)	1
7	51-7640	Lever Assembly	1
8	51-7650	Spring Assembly	1
9	51-7660	Center Bracket Assembly	1
10	51-7670	Solenoid	1
11	51-7690	Bearing	1
12	51-7680	Armature Assembly	1
		(Incl. Ref. #11 & 13)	1
13	51-7700	Bearing	1

Ref. No.	Part No.	Description	No. Used
14	93-3687tn	Bolt Set	1
15	51-7840	Ring - Rubber	2
16	51-7830	Cover - Rear	1
17	51-7810	Brush Holder Assembly	
		(Incl. Ref. #18)	1
18	51-7820	Spring - Brush	4
19	51-7800	Yoke Assembly	1
20	51-7790	Packing	2
21	51-7780	Cover Set	1
22	51-7770	Gear - Pinion	1
23	51-7760	Shaft Assembly	1
24	51-7630	Seal - Oil	1
*	51-7750	Gear Assembly	
		(Incl. Ref. #22 & 23)	1
*	51-7720	Clutch Shaft Assembly	
		(Incl. Ref. #1-3 & 21-24)	1

*Not Illustrated

†Not Serviceable Separately

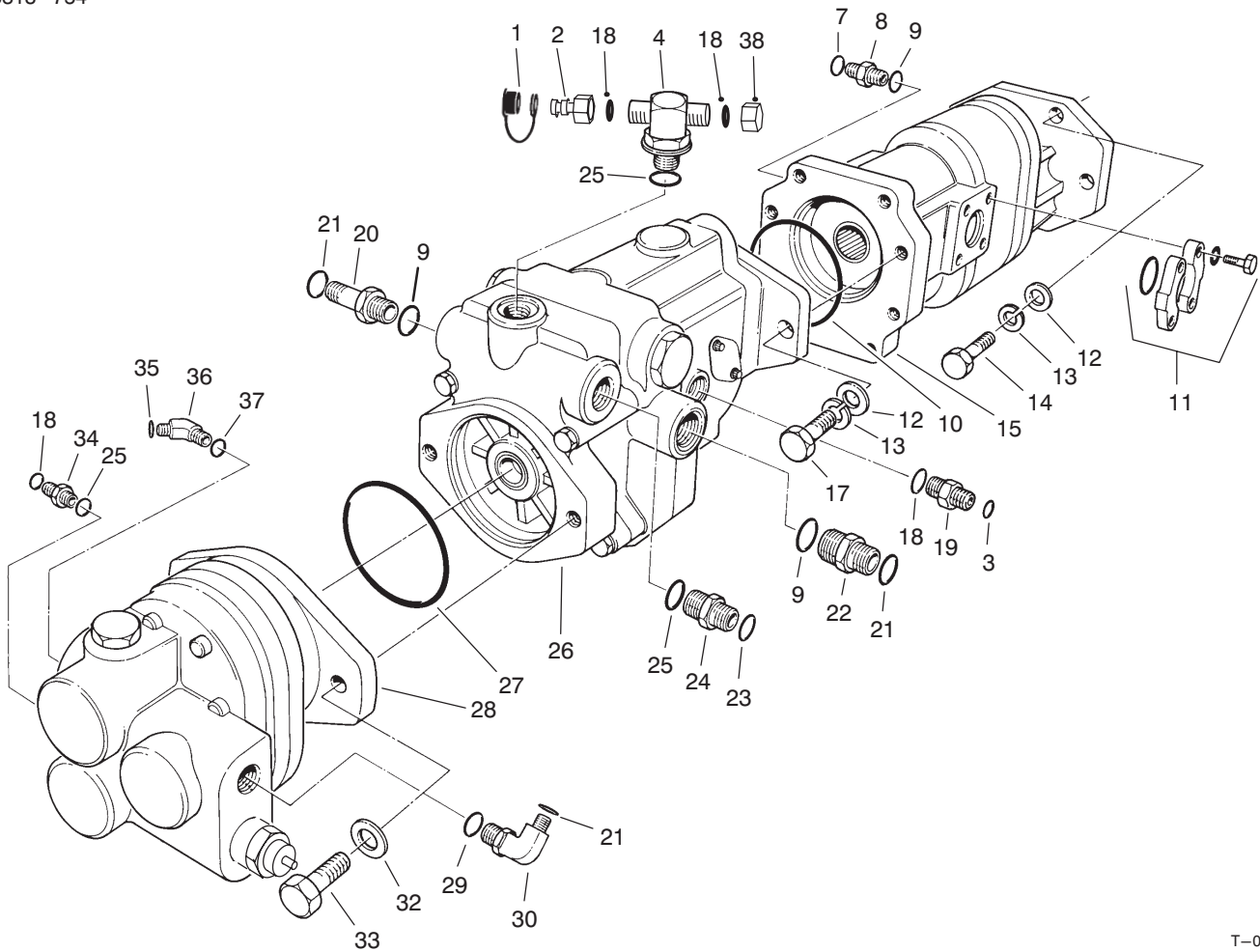


T-0161

ALTERNATOR ASSEMBLY NO. 60-5421

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-7850	Nut Assembly	1	10	51-7910	Rotor Assembly (Incl. Ref. #11)	1
2	60-5330	Pulley Assembly (Incl. Ref. #3)	1	11	60-5360	Bearing	1
†3		Collar - Shaft	1	12	86-6430	Rear Cover Assembly (Incl. Ref. #13-17)	1
4	51-7870	Screw - Set	1	13	86-6440	Rectifier Assembly	1
5	51-7890	Screw - Set	1	14	51-7980	Spring - Return	2
†6		Spring Washer	2	15	51-7970	Brush	2
7	60-5340	Front Cover Assembly (Incl. Ref. #5, 6, 8 & 9)	1	16	51-7960	Regulator Assembly (Incl. Ref. #14 & 15)	1
8	70-3320	Bearing	1	17	51-7950	Terminal Assembly	1
†9		Plate - Bearing Retainer	1	18	51-7930	Stator	1

*Not Serviceable Separately

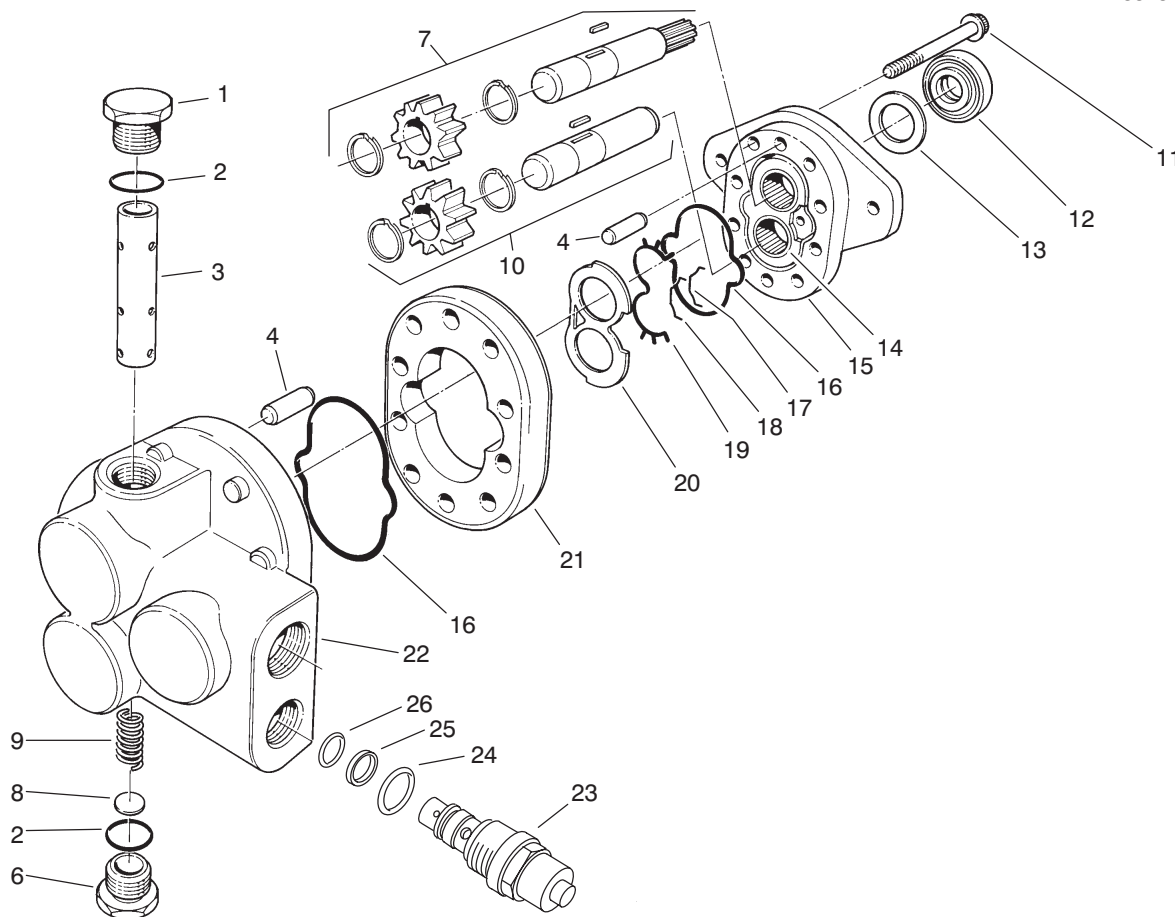


T-0162

HYDRAULIC PUMP COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	353-947	Cap - Dust	1
2	86-5480	Fitting - Diagnostic	1
3	237-42	O-Ring	1
4	92-4799	Fitting - Hydraulic Tee (Incl. Ref. #18 & 25)	1
7	237-65	O-Ring	1
8	340-8	Fitting (Incl. Ref. #7 & 9)	1
9	237-81	O-Ring	3
10	59-8550	O-Ring	1
11	340-62	Kit - Flange	1
12	3256-26	Washer - Flat	6
13	3253-7	Washer - Lock	6
14	3213-2	Bolt	4
15	86-6000	Gear Pump Assembly (Incl. Ref. #10)	1
17	325-5	Bolt	2
18	237-22	O-Ring	4
19	340-2	Fitting (Incl. Ref. #3 & 18)	1
20	92-6058	Fitting - Long (Incl. Ref. #9 & 21)	1

Ref. No.	Part No.	Description	No. Used
21	237-58	O-Ring	3
22	340-9	Fitting (Incl. Ref. #9 & 21)	1
23	237-30	O-Ring	1
24	340-4	Fitting (Incl. Ref. #23 & 25)	1
25	237-79	O-Ring	3
26	58-5660	Pump - Piston	1
27	60-3520	O-Ring	1
28	58-5650	Pump - Gear	1
29	237-146	O-Ring	1
30	340-15	Fitting 90° (Incl. Ref. #21 & 29)	1
32	60-3540	Washer	2
33	60-3530	Bolt	2
34	340-3	Fitting (Incl. Ref. #18 & 25)	1
35	237-30	O-Ring	1
36	340-89	Fitting 45° (Incl. Ref. #35 & 37)	1
37	237-80	O-Ring	1



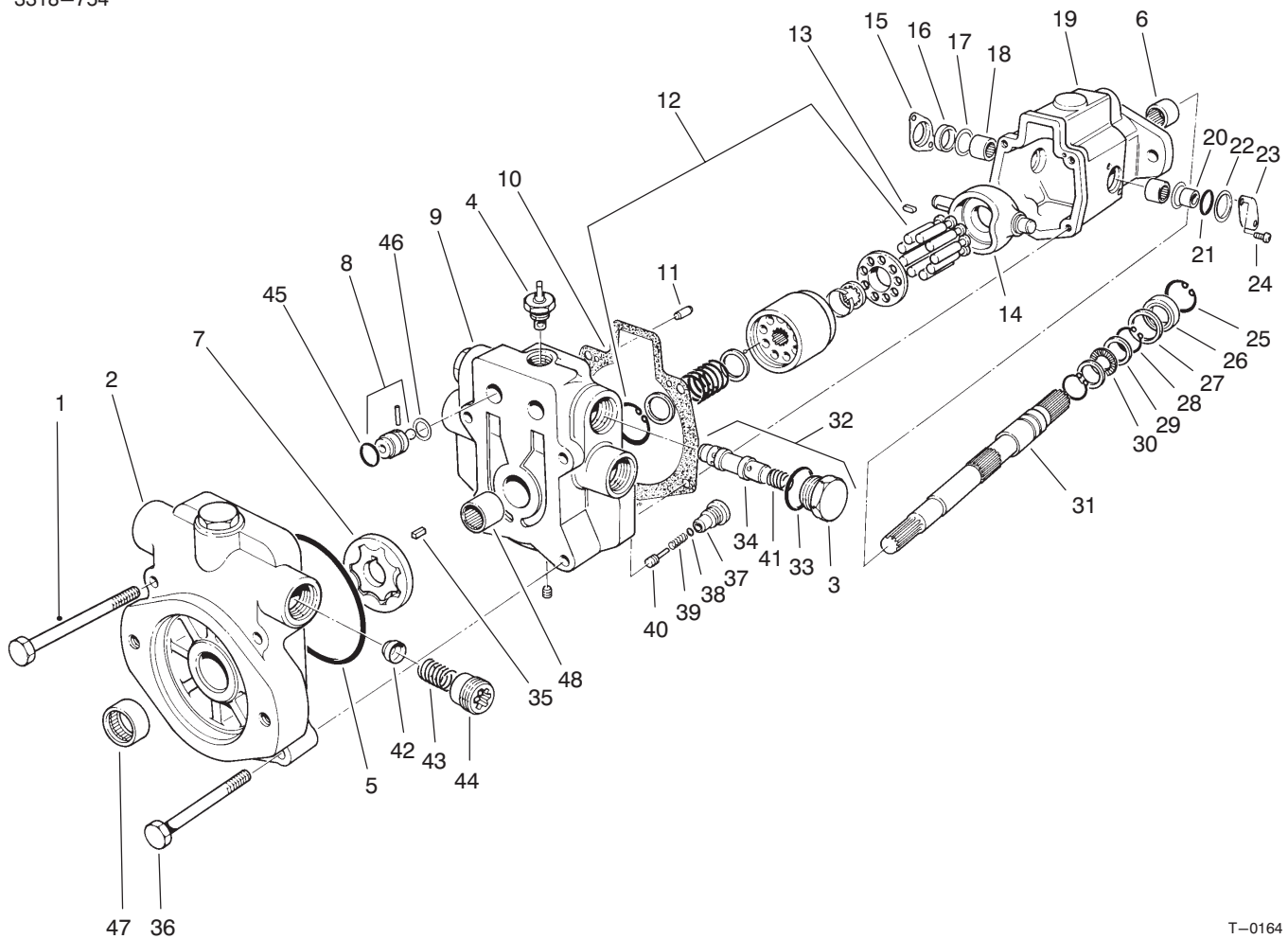
T-0163A

GEAR PUMP ASSEMBLY NO. 58-5650

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	60-5860	Plug (Incl. Ref. #2)	1	18	49-2700	Seal - Bearing	1
2	60-5720	O-Ring	2	19	49-2690	Gasket - Backup	1
†3		Spool	1	20	49-2670	Plate - Wear	1
4	60-5760	Pin - Dowel	4	21	60-5740	Body Assembly (Incl. Ref. #4)	1
6	60-5710	Plug (Incl. Ref. #2)	1	†22		Back Plate Assembly	1
7	60-5780	Drive Gear Assembly (Incl. Ref. #5-8)	1	23	92-9253	Assembly - Relief Valve (Incl. Ref. #24-26)	1
8	60-5730	Disc	A/R	24	92-9255	O-Ring	1
9	60-5820	Spring	1	25	92-9256	Washer - Back Up	1
10	60-5770	Idler Gear Assembly	1	26	92-9254	O-Ring	1
11	42-3140	Screw - Cap Hex. Hd.	8	*	60-5910	Kit - Repair, Back Plate (Incl. Ref. #1-3, 6, 8, 9, & 22-26)	1
12	49-2640	Seal - Shaft	1	*	60-5900	Kit - Seal Repair (Incl. Ref. #2, 12, 13, 16-20)	1
13	60-5890	Washer	1	*	92-9257	Kit - Seal Repair (Incl. Ref. #24-26)	1
14		Bushing	2				
15	49-2660	Front Plate Assembly (Incl. Ref. #14)	1				
16	42-3120	O-Ring	2				
17	49-2680	O-Ring - Molded	1				

*Not Illustrated

†Not Serviceable Separately



T-0164

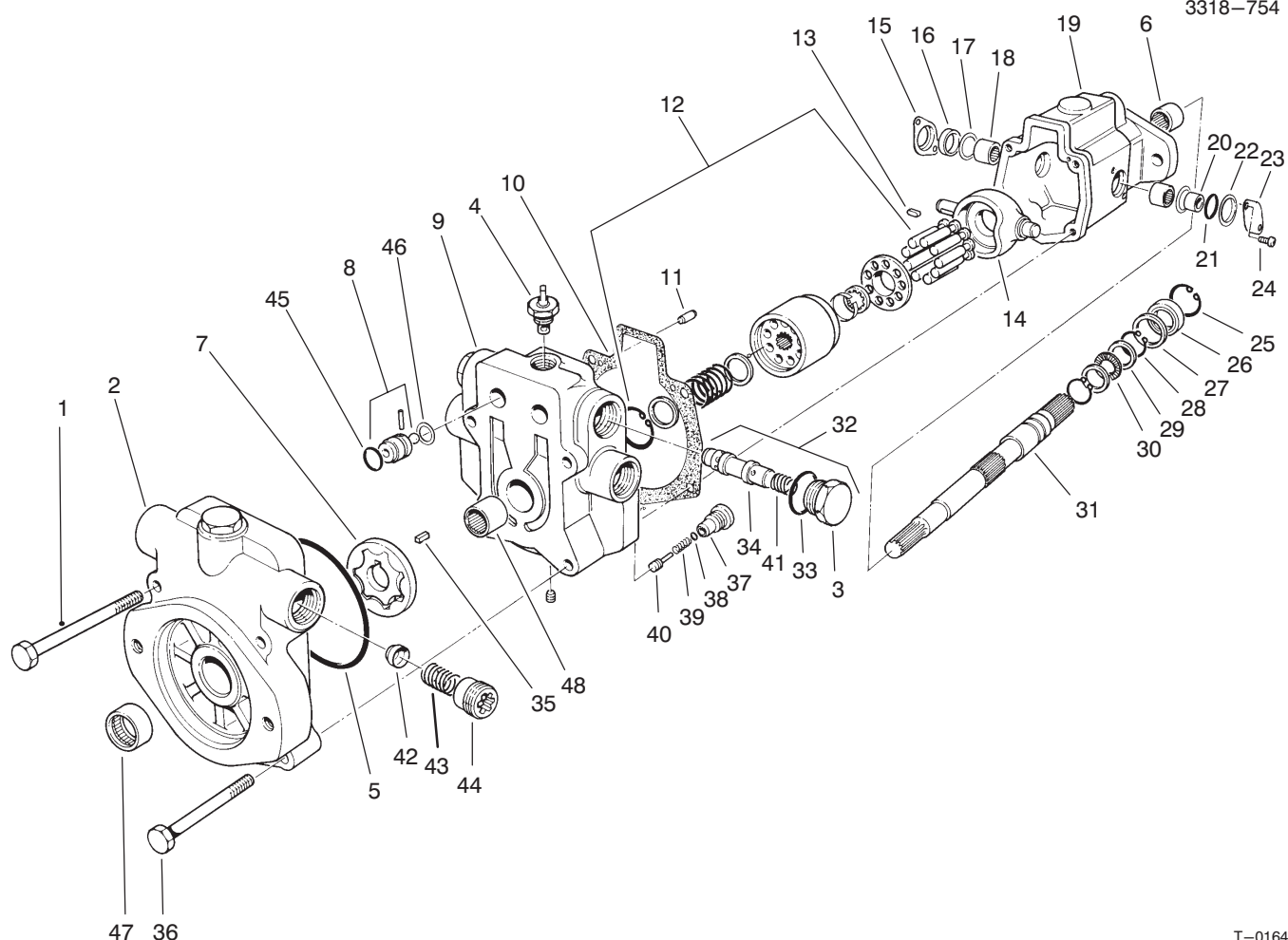
PISTON PUMP ASSEMBLY NO. 58-5660

Ref. No.	Part No.	Description	No. Used
1	60-6230	Screw - Cap Hex. Hd.	2
2	60-6200	Charge Pump Adptr. Assy. (Incl. Ref. #42-44 & 47)	1
3	70-1240	Plug Assembly (Incl. Ref. #33)	2
†4	39-2080	Tow Valve Assembly	1
5	60-6180	O-Ring	1
6	63-4390	Bearing - Needle	1
7	60-6350	Gerotor Gear Assembly	1
8	33-4970	Check Valve Assembly (Incl. Ref. #45 & 46)	2
9	60-6040	Back Plate Assembly (Incl. Ref. #4, 37-40 & 48)	1
10	60-6130	Gasket - Housing	1
11	60-6370	Pin - Dowel	2
12	60-6030	Rotating Kit Assembly	1
13	60-6310	Key	1
14	60-6020	Camplate	1
15	60-6120	Cover - Seal	1
16	42-2720	Seal - Shaft	1
17	60-6250	Washer	2
18	60-6110	Bearing - Needle	2
19	60-6000	Housing Assembly (Incl. Ref. #6)	1
20	60-5990	Race - Inner	1

Ref. No.	Part No.	Description	No. Used
21	60-6190	O-Ring	1
22	60-6210	Cover - O-Ring	1
23	60-6010	Cover - Trunnion	1
24	60-6330	Screw	4
25	60-6260	Ring - Retaining	1
26	60-6300	Seal - Shaft	1
27	60-6240	Washer	1
28	60-6270	Ring - Retaining	2
29	60-6160	Race - Thrust	2
30	60-6170	Bearing - Needle, Thrust	1
31	60-6140	Shaft - Drive	1
32	68-6460	Kit - Relief Valve (Incl. Ref. #3, 34 & 41)	2
33	60-5980	O-Ring	2
34		Relief Valve Assembly	2
35	60-6320	Key	1
36	60-6220	Screw - Cap Hex. Hd.	2
37	60-6060	Cartridge	1
38	60-6080	O-Ring	1
39	60-6090	Spring	1
40	60-6070	Poppet	1
41		Spring	1
42	33-4990	Poppet	1
43	39-2140	Spring	2
44	39-2130	Retainer - Spring	1

*Not Illustrated

†Used on Units With Pump Serial No. 70591 & Up



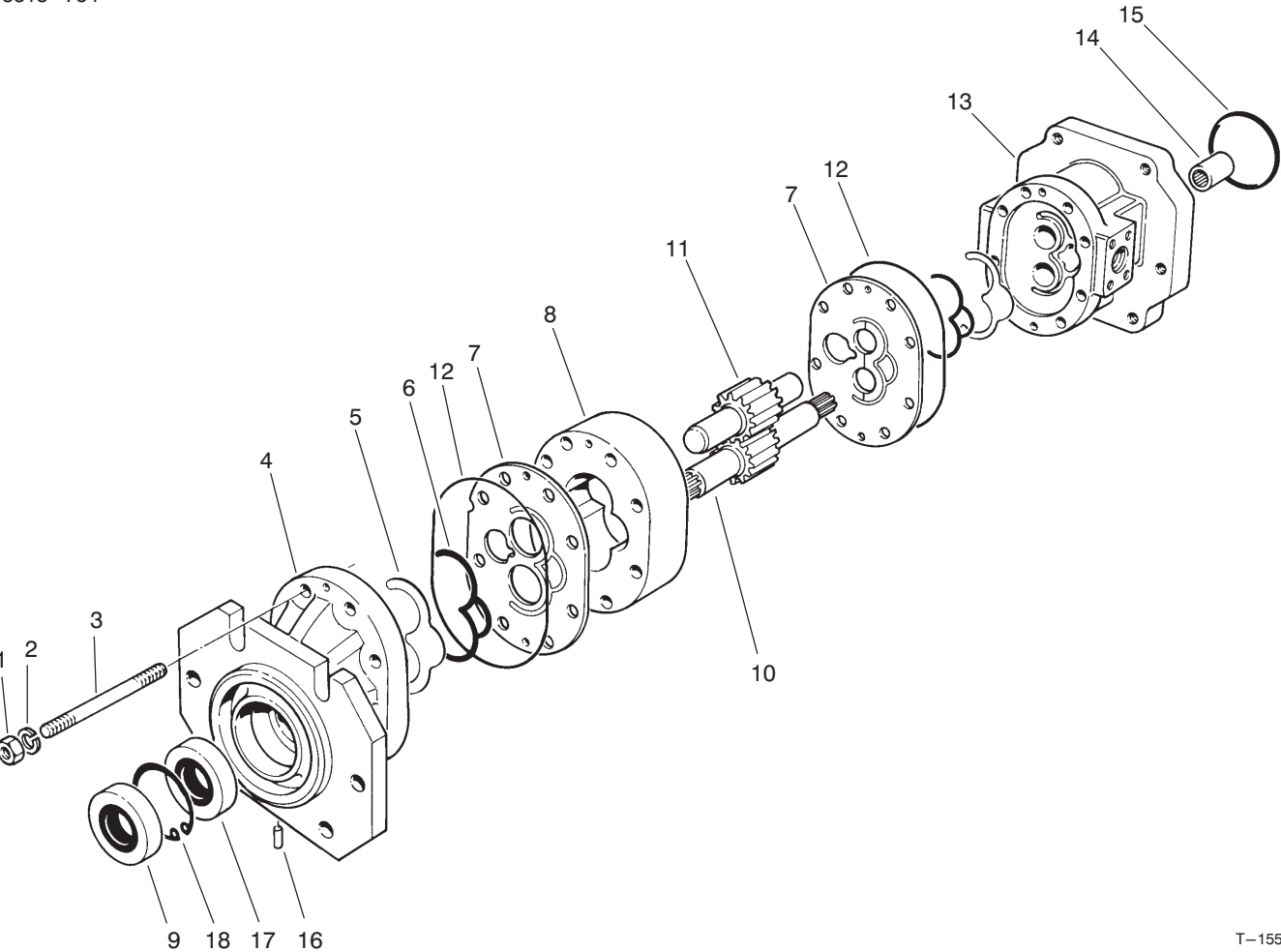
T-0164

PISTON PUMP ASSEMBLY NO. 58-5660 (Continued)

Ref. No.	Part No.	Description	No. Used
45	237-114	O-Ring	2
46	60-5950	Washer - Backup	2
47	60-6150	Bearing	1
48	60-6050	Bearing	1

Ref. No.	Part No.	Description	No. Used
*	60-6400	Kit - Seal (Incl. Ref. #5, 10, 16, 21, 26, 28, 29, 33, 38, 45 & 46)	1
*	60-6360	Kit - Charge Relief Spring	1
*	60-6340	Kit - Bleed-Off Valve	1

*Not Illustrated



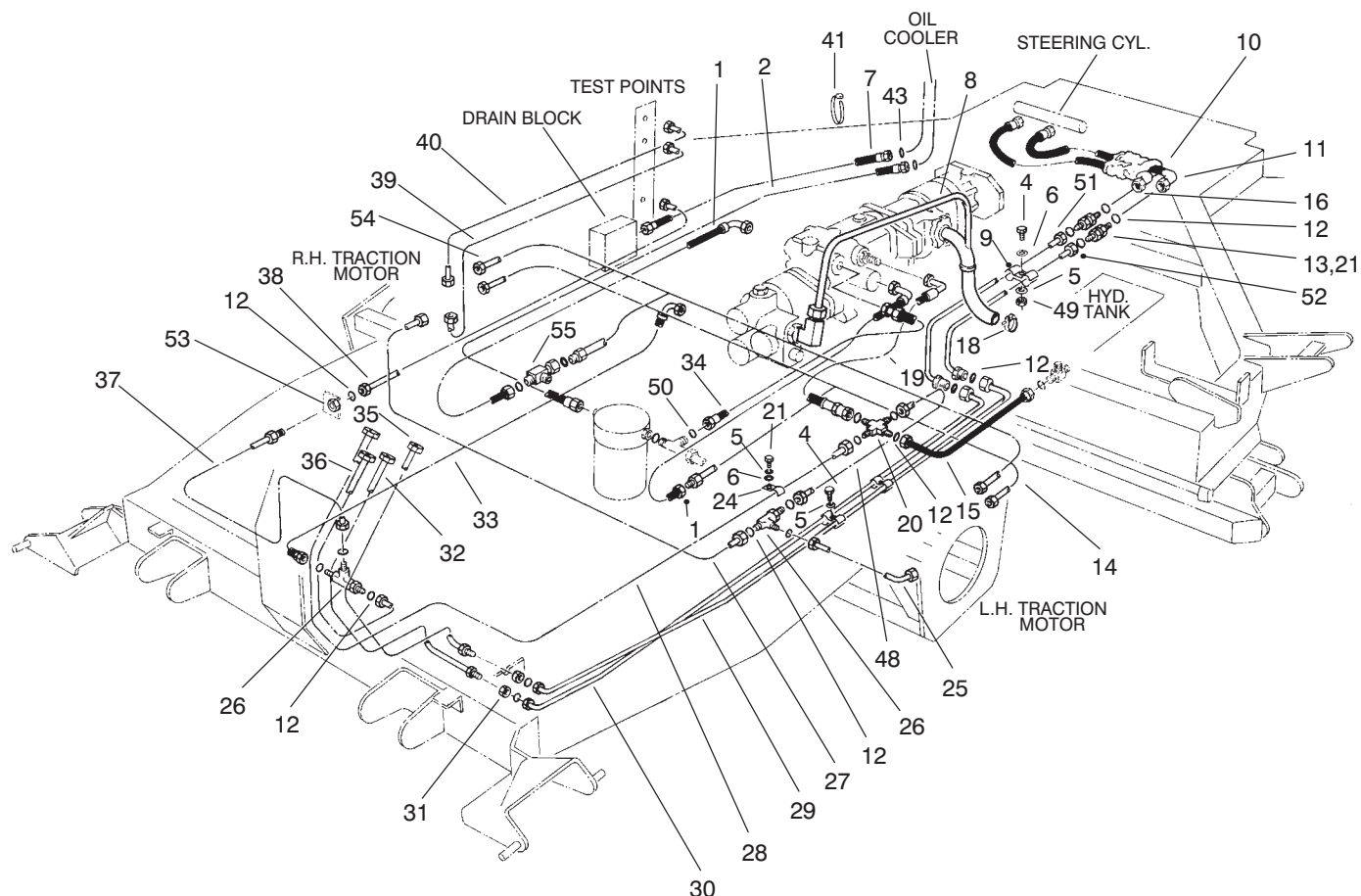
T-1556

PUMP ASSEMBLY NO. 86-6000

Ref. No.	Part No.	Description	No. Used
1	59-7580	Nut	8
2	59-7590	Washer - Lock	8
3	59-7970	Stud	8
4	86-6010	Cover - Front	1
5	59-7990	Seal - Gland	2
6	59-8470	Retainer - Seal	2
7	86-6070	Plate - Wear	2
8	86-6020	Center S/A Section	1
9	59-8590	Seal - Shaft	1
10	59-8500	Drive Gear - Spline	1

Ref. No.	Part No.	Description	No. Used
11	59-8600	Driven Gear	1
12	86-6080	O-Ring Seal	2
13	86-6030	Port Section - Rear	1
14	59-8540	Coupling	1
15	86-6040	O-Ring	1
16	86-6050	Plug	1
17	59-8570	Seal - Shaft	1
18	59-8580	Ring - Retaining	1
*	86-6450	Kit - Seal (Incl. Ref. #5, 6, 9 & 17)	1

*Not Illustrated

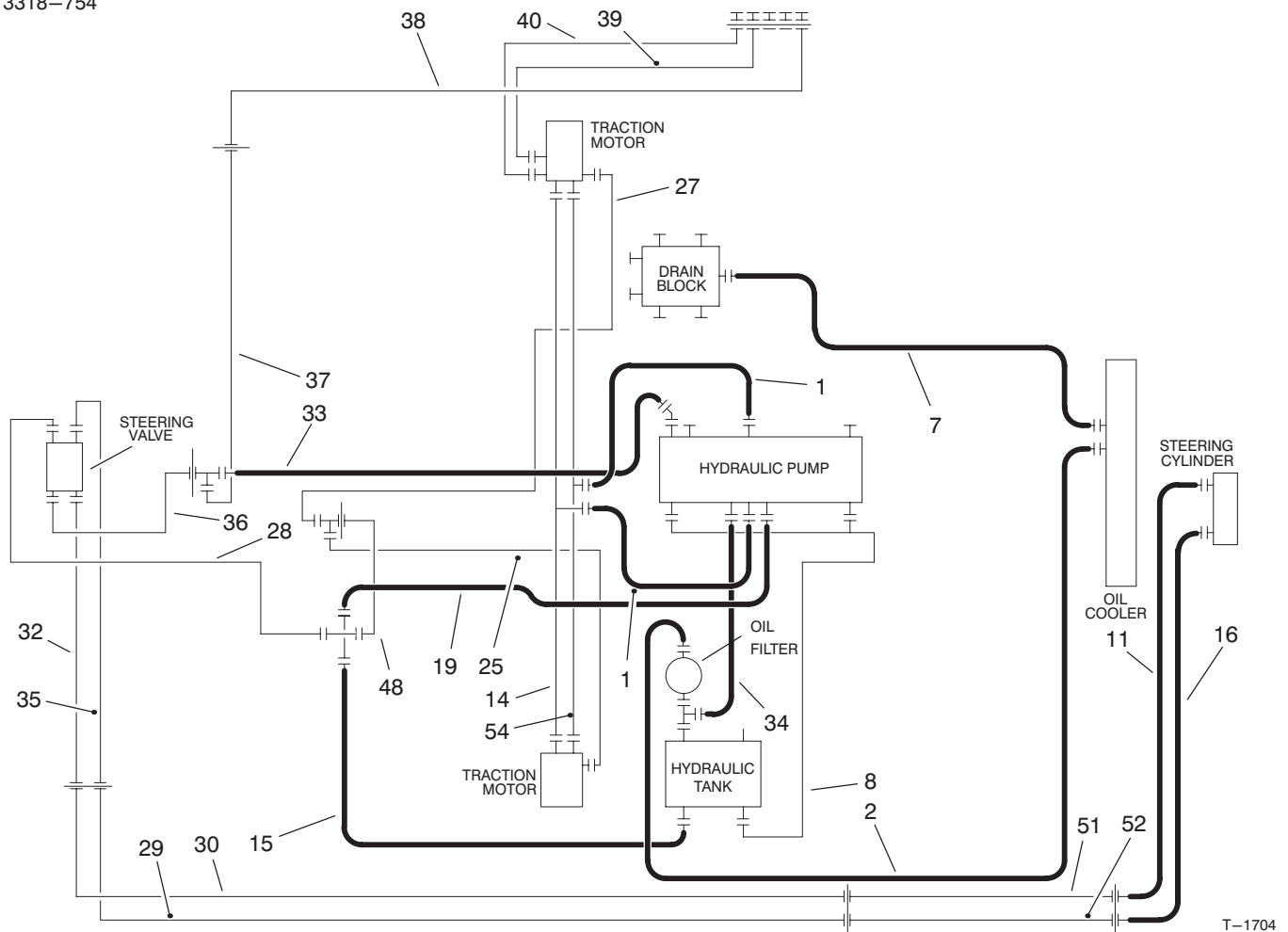


T-1703

HYDRAULIC CIRCUIT FRONT WHEEL DRIVE & STEERING

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-5860	Hose Assembly	2	29	68-6320	Tube Assembly	1
2	75-8200	Hose Assembly	1	30	69-6360	Tube Assembly	1
4	48-7640	Screw - Cap Hex. Hd.	4	31	340-70	Nut - Bulkhead	4
5	43-5930	Washer - Lock	5	32	74-2780	Tube Assembly	1
6	48-8010	Washer	3	33	58-5720	Hose Assembly	1
7	75-8210	Hose Assembly	1	34	58-5870	Hose Assembly	1
8	60-1900	Tube Assembly	1	35	74-2810	Tube Assembly	1
9	58-3880	Clamp	3	36	74-2790	Tube Assembly	1
10	60-2010	Sleeve - Protective	1	37	58-7780	Tube Assembly (Incl. Ref. #12)	1
11	82-9841	Hose Assembly	1	38	58-7750	Tube Assembly	1
12	237-22	O-Ring	22	39	58-7770	Tube Assembly	1
13	340-69	Fitting - Hydraulic Bulkhead (Incl. Ref. #12 & 31)	2	40	58-7760	Tube Assembly	1
14	92-4726	Tube Assembly	1	41	48-4480	Strap - Tie	3
15	92-5694	Hose Assembly	1	43	340-65	O-Ring	2
16	82-9842	Hose Assembly	1	48	58-4710	Tube Assembly	1
18	2412-92	Clamp	2	49	48-7890	Nut - Hex	1
19	60-1250	Hose Assembly	1	50	237-30	O-Ring	1
20	340-23	Fitting - Hydraulic Cross (Incl. Ref. #12)	1	51	68-6350	Tube Assembly	1
21	48-7700	Screw - Cap Hex. Hd.	1	52	68-6330	Tube Assembly	1
24	60-1360	Clamp	1	53	340-78	Nut - Bulkhead	1
25	58-4790	Tube Assembly	1	54	92-5677	Tube Assembly	1
26	340-68	Fitting - Hydraulic Tee (Incl. Ref. #12)	2	55	92-4748	Fitting - Hydraulic Tee	1
27	58-4860	Tube Assembly	1	*	68-6310	Tube Kit (Incl. Ref. #29 & 52)	1
28	74-2820	Tube Assembly	1	*	68-6340	Tube Kit (Incl. Ref. #30 & 51)	1

*Not Illustrated

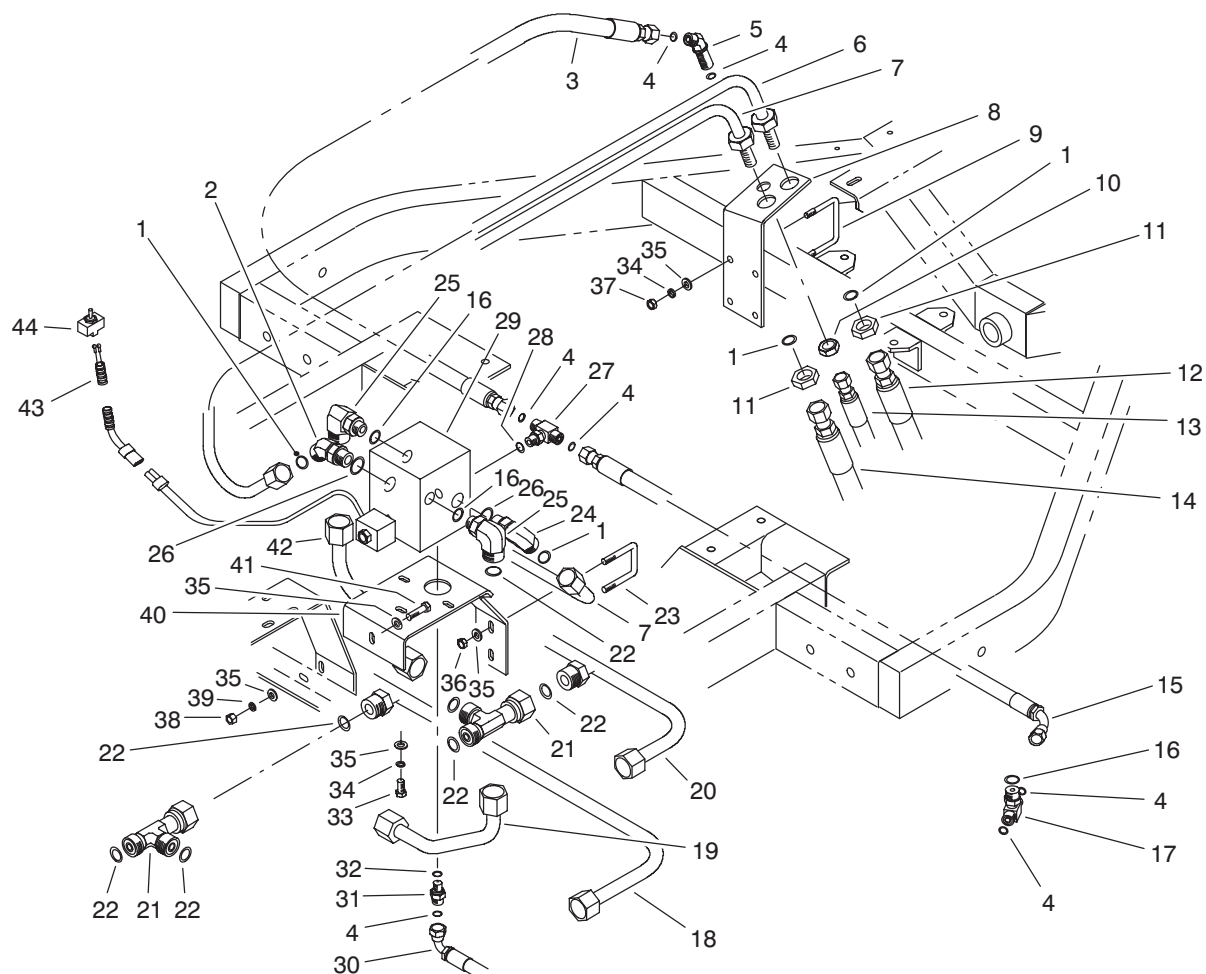


HYDRAULIC SCHEMATIC FRONT WHEEL DRIVE & STEERING

Ref. No.	Part No.	Description	No. Used
1	58-5860	Hose Assembly	2
2	75-8200	Hose Assembly	1
7	75-8210	Hose Assembly	1
8	60-1900	Tube Assembly	1
11	82-9841	Hose Assembly	1
14	92-4726	Tube Assembly	1
15	92-5694	Hose Assembly	1
16	82-9840	Hose Assembly	1
19	60-1250	Hose Assembly	1
25	58-4790	Tube Assembly	1
27	58-4860	Tube Assembly	1
28	74-2820	Tube Assembly	1
29	68-6320	Tube Assembly	1
30	68-6360	Tube Assembly	1
32	74-2780	Tube Assembly	1
33	58-5720	Hose Assembly	1

Ref. No.	Part No.	Description	No. Used
34	58-5870	Hose Assembly	1
35	74-2810	Tube Assembly	1
36	74-2790	Tube Assembly	1
37	58-7780	Tube Assembly	1
38	58-7750	Tube Assembly	1
39	58-7770	Tube Assembly	1
40	58-7760	Tube Assembly	1
48	58-4710	Tube Assembly	1
51	68-6350	Tube Assembly	1
52	68-6330	Tube Assembly	1
54	92-5677	Tube Assembly	1
*	68-6310	Tube Kit (Incl. Ref. #29 & 52)	1
*	68-6340	Tube Kit (Incl. Ref. #30 & 51)	1

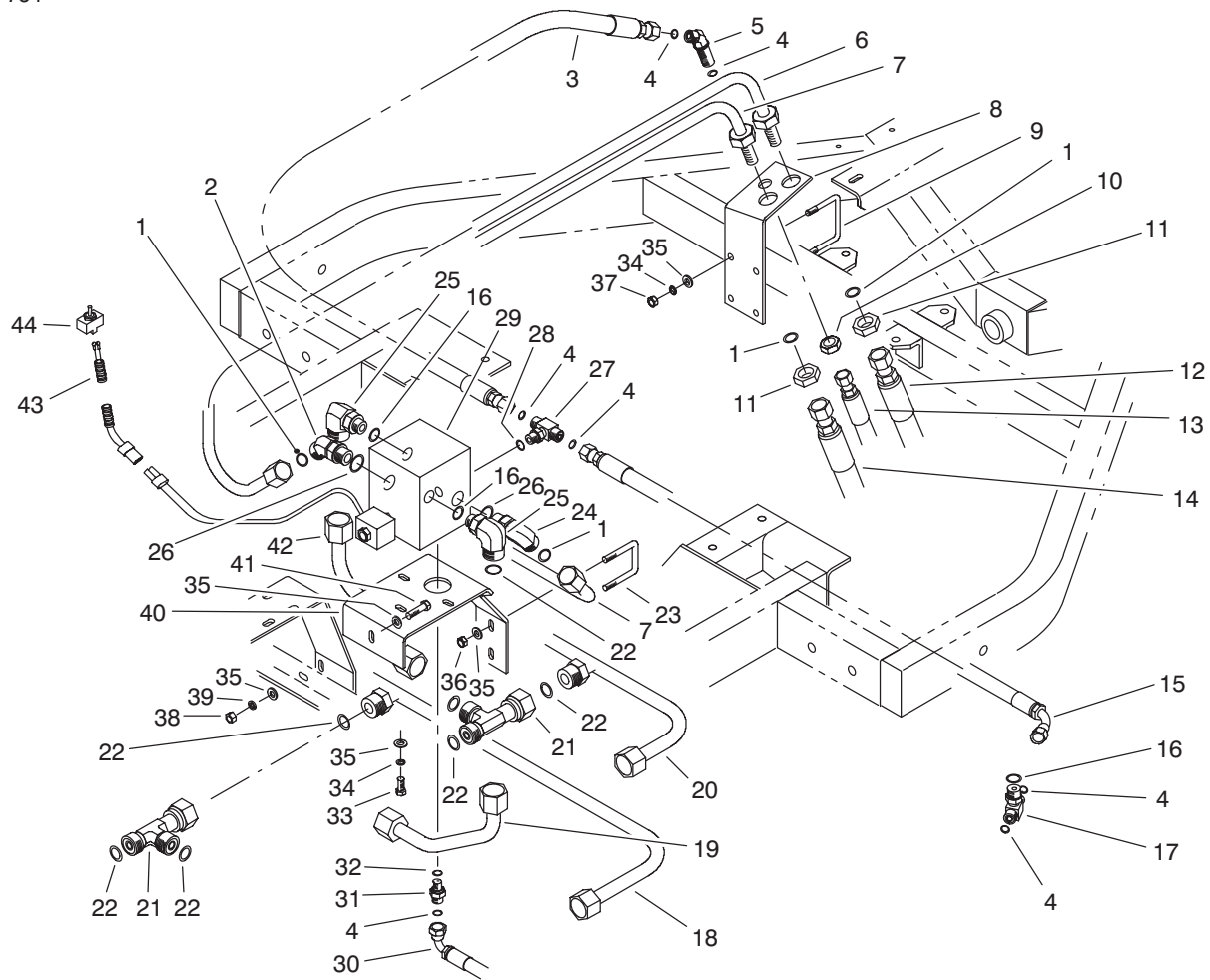
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T-1697

HYDRAULIC CIRCUIT – REAR WHEEL DRIVE

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	237-65	Seal – O-Ring	4	20	92-5677	Tube Assembly (Incl. Ref. #22)	1
2	340-14	Fitting – Hydraulic 45° (Incl. Ref. #1 & 26)	1	21	92-4748	Fitting – Hydraulic Tee (Incl. Ref. #22)	2
3	92-5691	Hose – Hydraulic	1	22	237-58	Seal – O-Ring	8
4	237-22	Seal – O-Ring	6	23	66-5560	Bolt – U	1
5	340-69	Fitting – Hydraulic Bulkhead (Incl. Ref. #3)	1	24	340-17	Fitting – Hydraulic 90° (Incl. Ref. #1 & 26)	1
6	92-5689	Tube Assembly (Incl. Ref. #1)	1	25	92-5696	Fitting – Hydraulic 90° (Incl. Ref. #16 & 22)	2
7	92-5690	Tube Assembly (Incl. Ref. #1)	1	26	237-80	Seal – O-Ring	3
8	92-5693	Bracket – Bulkhead	1	27	340-94	Fitting – Hydraulic Tee (Incl. Ref. #4 & 28)	1
9	92-5692	Bolt – U	2	28	237-42	Seal – O-Ring	1
10	340-70	Nut – Bulkhead	1	29	92-2982	Control Block Assembly	1
11	340-74	Nut – Bulkhead	2	30	92-5687	Hose – Hydraulic	
12	92-5698	Hose – Hydraulic	1	31	340-88	Fitting – Hydraulic Straight (Incl. Ref. #4 & 32)	1
13	92-5688	Hose – Hydraulic	1	32	237-78	Seal – O-Ring	1
14	92-5686	Hose – Hydraulic	1	33	322-3	Screw – Cap Hex. Hd.	3
15	92-4725	Hose – Hydraulic	1	34	3253-4	Washer – Lock	7
16	237-79	Seal – O-Ring	3	35	3256-23	Washer – Flat	11
17	92-4799	Fitting – Hydraulic Tee (Incl. Ref. #4 & 16)	1	36	3296-29	Nut – Lock	2
18	92-4726	Tube Assembly (Incl. Ref. #22)	1	37	3217-6	Nut – Hex.	4
19	92-4728	Tube – Hydraulic	1	38	48-7930	Nut – Hex.	1



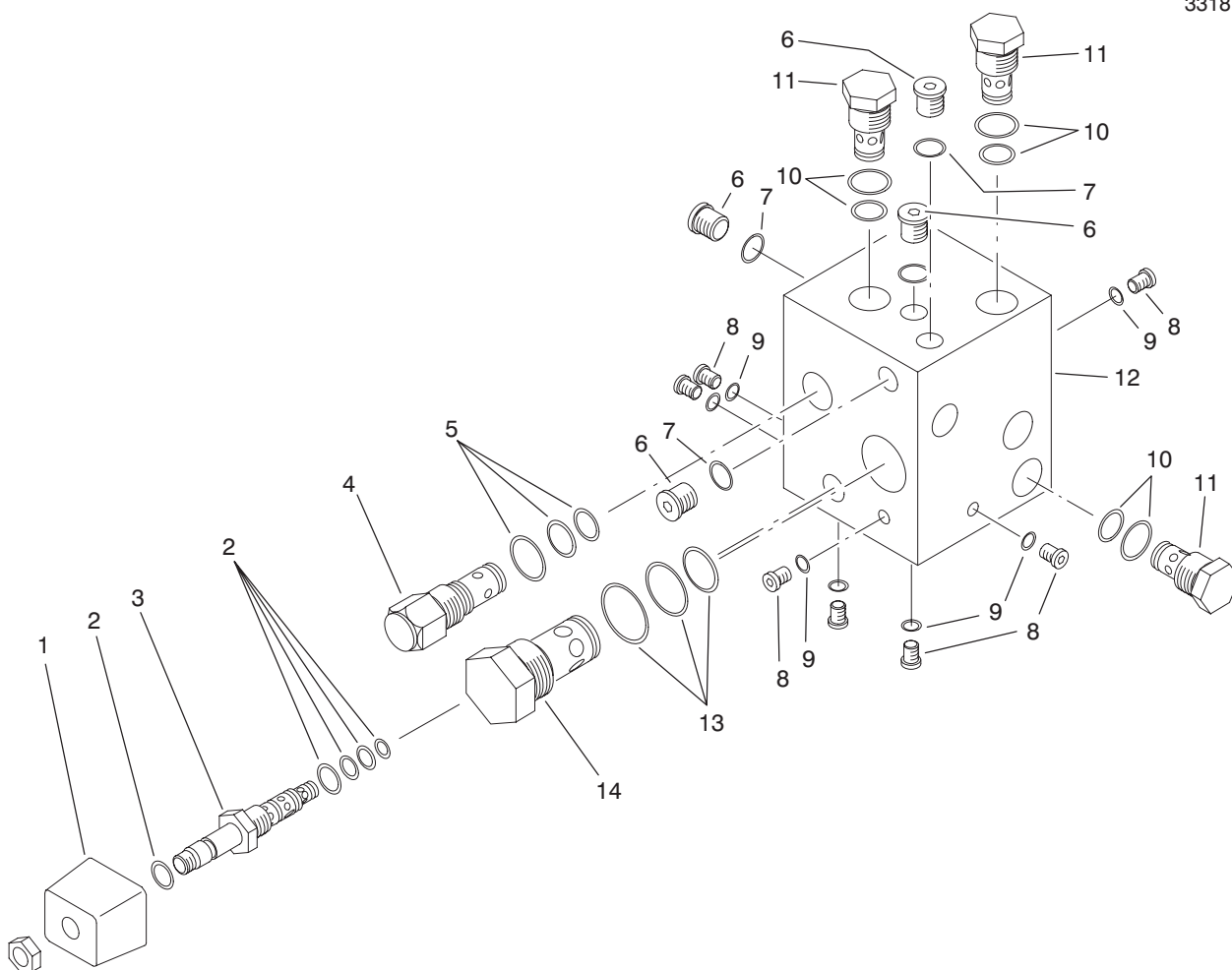
T-1697

HYDRAULIC CIRCUIT – REAR WHEEL DRIVE (Continued)

Ref. No.	Part No.	Description	No. Used
39	48-9570	Washer - Lock	1
40	86-6460	Bracket - Control Block	1
41	322-6	Screw - Cap Hex. Hd.	1
42	92-4727	Tube - Hydraulic	1
43	92-5669	Harness - Switch	1

Ref. No.	Part No.	Description	No. Used
44	69-9740	Switch	1
*	3290-378	Tie - Cable	1

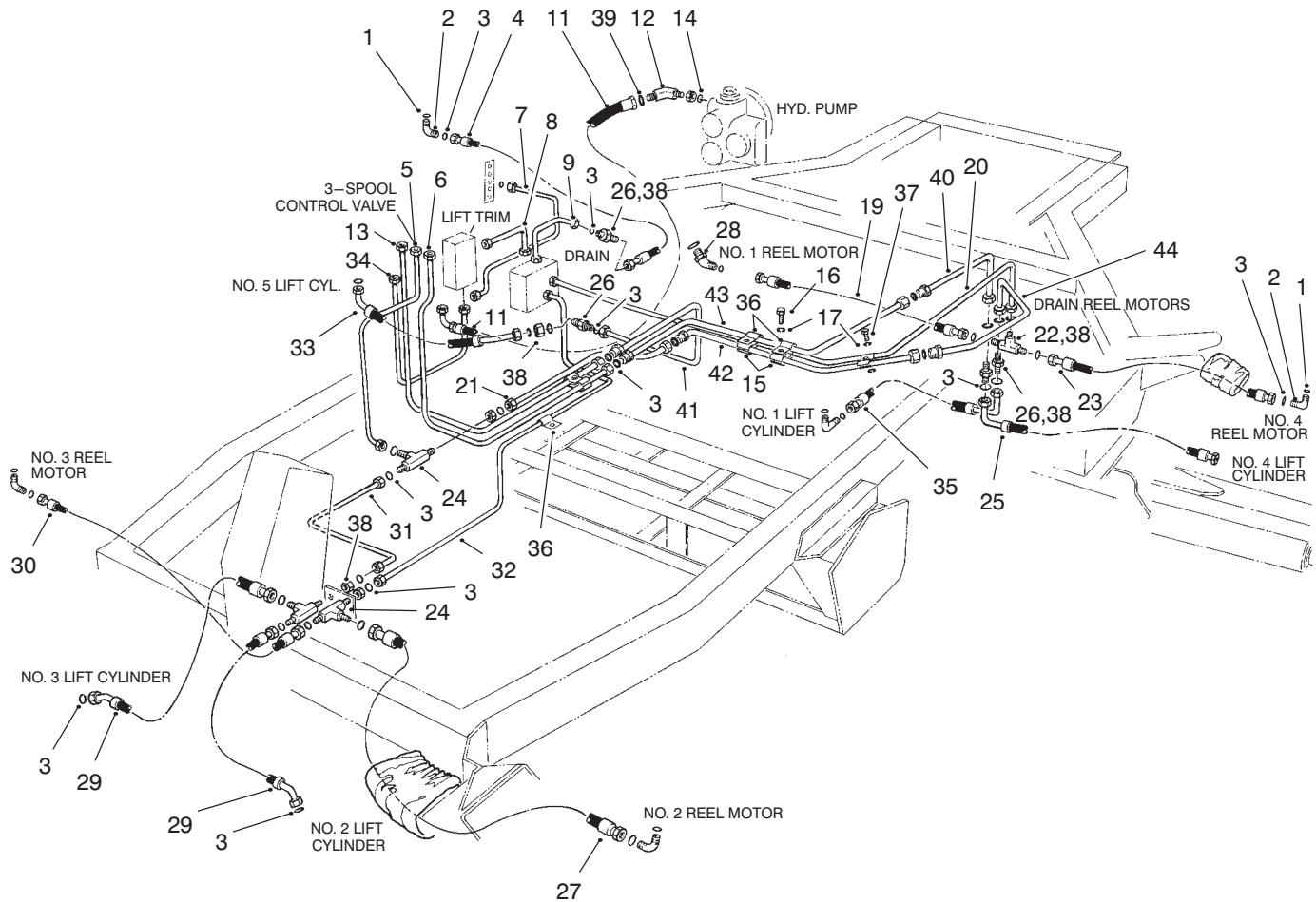
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T-1912

HYDRAULIC MANIFOLD ASSEMBLY NO. 92-2982

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-3048	Coil Assembly	1	9	237-156	Seal - O-Ring	8
2	93-1408	Kit - Seal, Solenoid S1	1	10	75-2080	Kit - Seal, Check	3
3	93-1407	Cartridge - Solenoid S1	1	11	93-1405	Cartridge - Check Valve, C1, C2 & C3	3
4	93-1406	Cartridge - Logic, LC1	1	12		Block - Manifold	1
5	69-4240	Kit - Seal, Logic LC1	1	13	69-4270	Kit - Seal, Logic LC2	1
6	353-989	Plug Assembly (Incl. Ref. #7)	4	14	93-1409	Cartridge - Logic, LC2	1
7	237-42	Seal - O-Ring	4				
8	353-991	Plug Assembly (Incl. Ref. #9)	8				

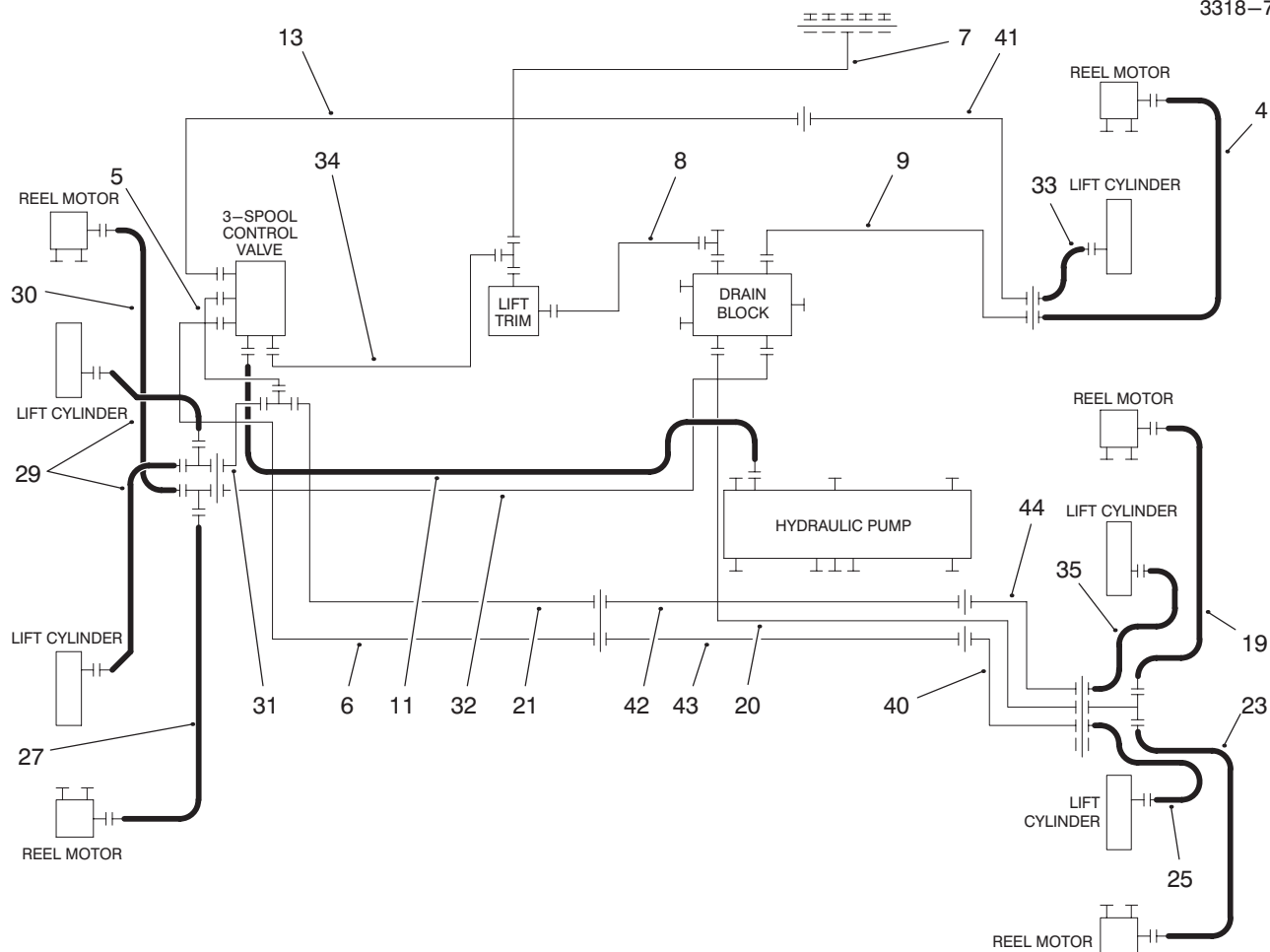


T-0168

HYDRAULIC CIRCUIT – LIFT ARMS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	237-42	O-Ring	7	23	58-5820	Hose Assembly	1
2	340-77	Fitting – Hydraulic 90° (Incl. Ref. #1 & 3)	4	24	340-68	Fitting – Hydraulic Tee (Incl. Ref. #3)	3
3	237-22	O-Ring	31	25	60-1630	Hose Assembly	1
4	84-6240	Hose Assembly	1	26	340-71	Fitting – Hydraulic Straight (Incl. Ref. #3)	4
5	58-4750	Tube Assembly	1	27	58-6670	Hose Assembly	1
6	93-1410	Tube Kit (Incl. Ref. #3, 40 & 43)	1	28	340-87	Fitting – Hydraulic 45° (Incl. Ref. #1 & 3)	1
7	58-7730	Tube Assembly	1	29	58-5850	Hose Assembly	2
8	63-4680	Tube Assembly	1	30	58-5830	Hose Assembly	1
9	58-4780	Tube Assembly	1	31	58-4760	Tube Assembly	1
11	58-5710	Hose Assembly	1	32	58-4880	Tube Assembly	1
12	340-89	Fitting – Hydraulic 45° (Incl. Ref. #14 & 39)	1	33	84-6230	Hose Assembly	1
13	68-6370	Tube Kit (Incl. Ref. #3 & 41)	1	34	58-4870	Tube Assembly	1
14	237-80	O-Ring	1	35	58-5800	Hose Assembly	1
15	58-3880	Clamp – Tube	5	36	60-1360	Clamp – Tube	3
16	60-6650	Screw – Cap Hex. Hd.	2	37	48-7640	Screw – Cap Hex. Hd.	5
17	43-5930	Washer – Lock	6	38	340-70	Nut – Bulkhead	8
18	48-8010	Washer	2	39	237-30	Seal – O-Ring	1
19	58-5840	Hose Assembly	1	†40		Tube Assembly	1
20	58-4850	Tube Assembly	1	†41		Tube Assembly	1
21	68-6270	Tube Kit (Incl. Ref. #3, 42 & 44)	1	†42		Tube Assembly	1
22	60-2180	Fitting – Tee	1	†43		Tube Assembly	1
				†44		Tube Assembly	1

†Not Serviced Separately

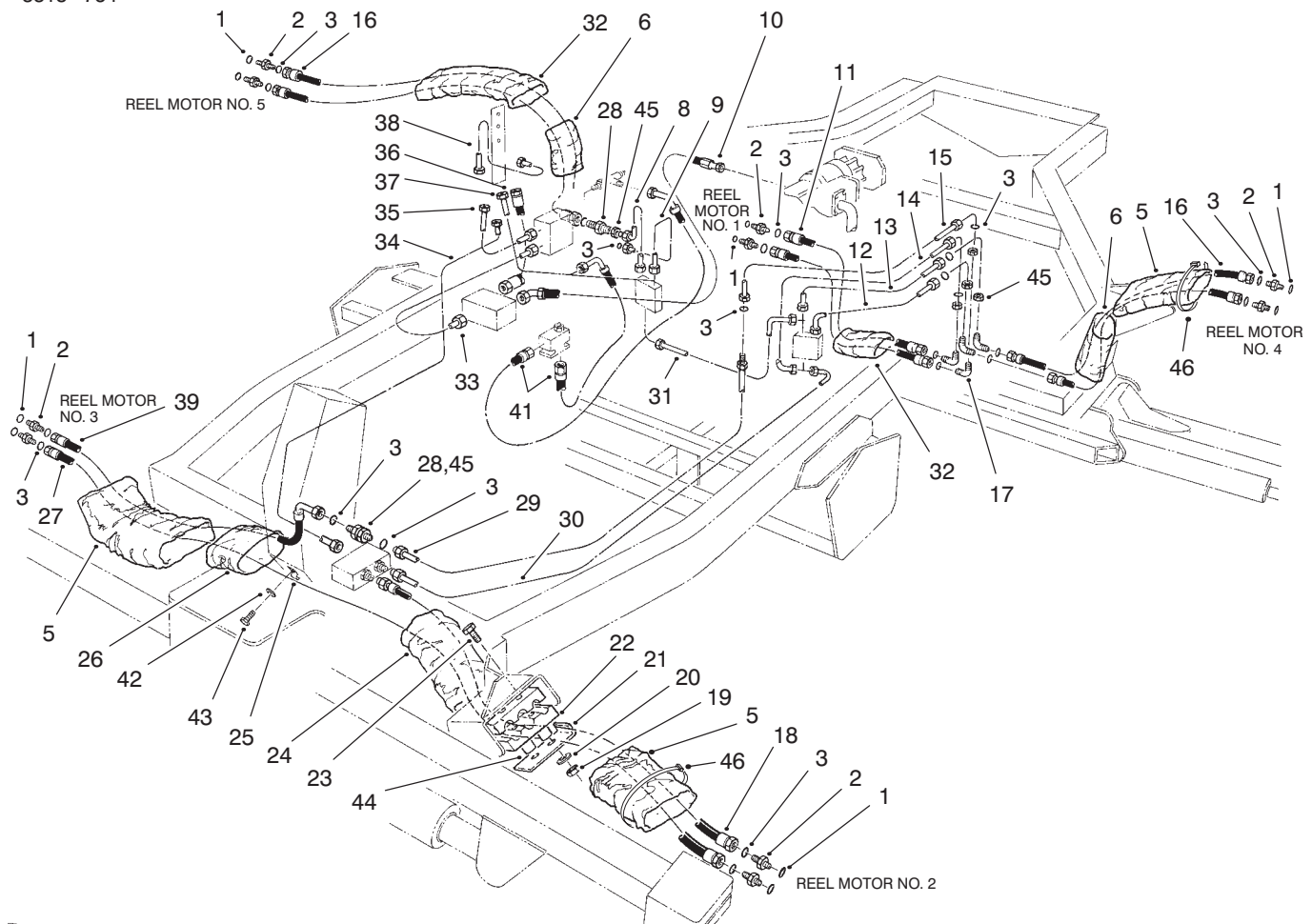


T-0169

HYDRAULIC SCHEMATIC – LIFT ARMS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
4	84-6240	Hose Assembly	1	25	60-1630	Hose Assembly	1
5	58-4750	Tube Assembly	1	27	58-6670	Hose Assembly	1
6	93-1410	Tube Kit	1	29	58-5850	Hose Assembly	2
		(Incl. Ref. #40 & 43)		30	58-5830	Hose Assembly	1
7	58-7730	Tube Assembly	1	31	58-4760	Tube Assembly	1
8	63-4680	Tube Assembly	1	32	58-4880	Tube Assembly	1
9	58-4780	Tube Assembly	1	33	84-6230	Hose Assembly	1
11	58-5710	Hose Assembly	1	34	58-4870	Tube Assembly	1
13	68-6370	Tube Kit	1	35	58-5800	Hose Assembly	1
		(Incl. Ref. #41)		†40		Tube Assembly	1
19	58-5840	Hose Assembly	1	†41		Tube Assembly	1
20	58-4850	Tube Assembly	1	†42		Tube Assembly	1
21	68-6270	Tube Kit	1	†43		Tube Assembly	1
		(Incl. Ref. #42 & 44)		†44		Tube Assembly	1
23	58-5820	Hose Assembly	1				

†Not Serviced Separately

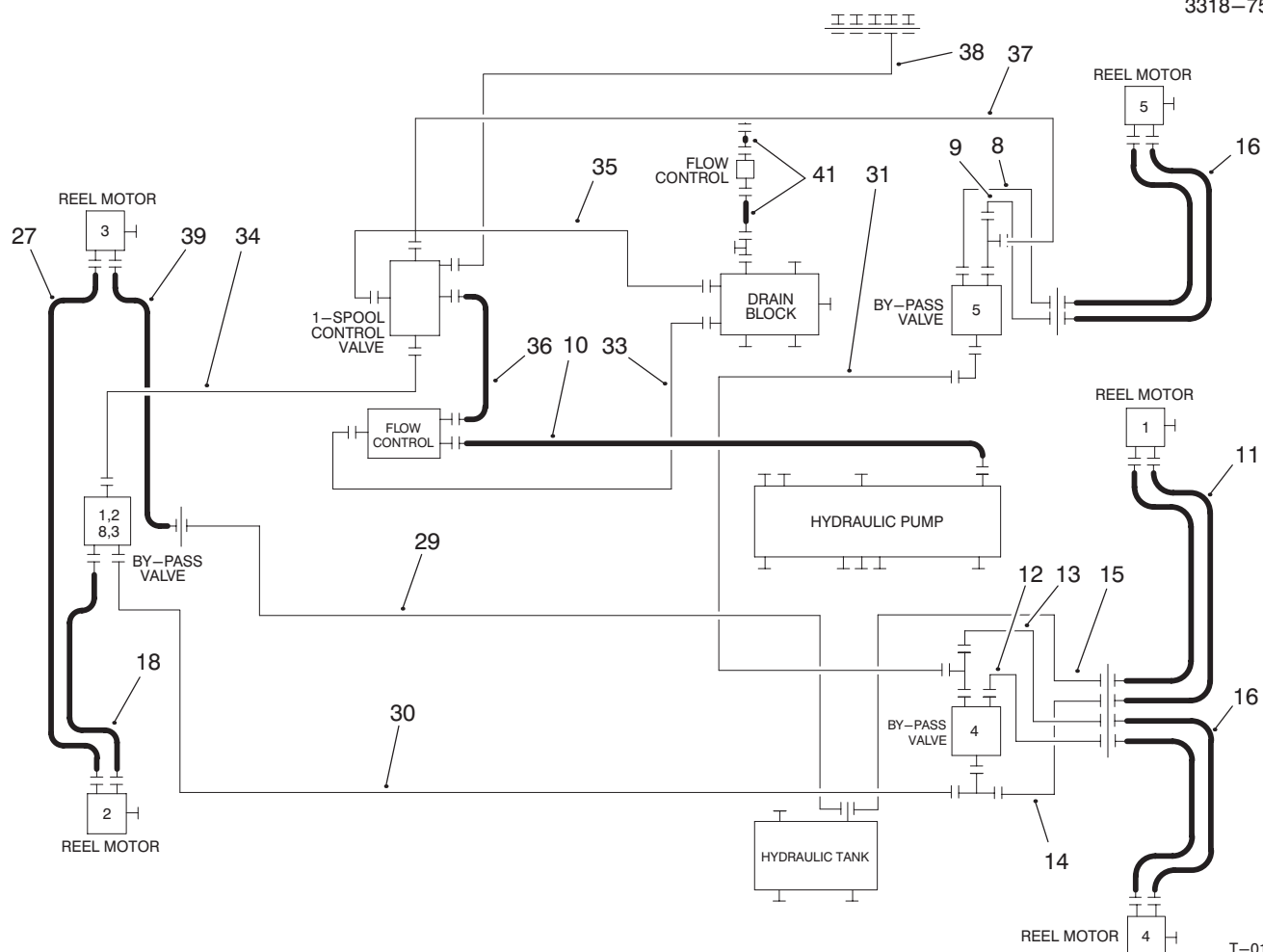


T-0170A

HYDRAULIC CIRCUIT – CUTTING UNITS

Ref. No.	Part No.	Description	No. Used
1	237-81	O-Ring	10
2	340-8	Fitting – Hydraulic Straight (Incl. Ref. #1 & 3)	10
3	237-65	O-Ring	26
5	59-7190	Sleeve – Protective	4
6	59-7260	Sleeve – Protective	2
8	58-4960	Tube Assembly	1
9	58-4970	Tube Assembly	1
10	58-5730	Hose Assembly	1
11	58-5790	Hose Assembly	2
12	58-5060	Tube Assembly	1
13	58-5000	Tube Assembly	1
14	58-5020	Tube Assembly	1
15	58-5040	Tube Assembly	1
16	58-5780	Hose Assembly	4
17	340-72	Fitting – Hydraulic 90° (Incl. Ref. #3)	4
18	58-5750	Hose Assembly	1
19	3296-8	Nut – Lock	4
20	3256-16	Washer – Flat	4
21	74-2750	Retainer	2
22	74-2710	Clamp – Split	4
23	321-14	Screw – Cap Hex. Hd.	4

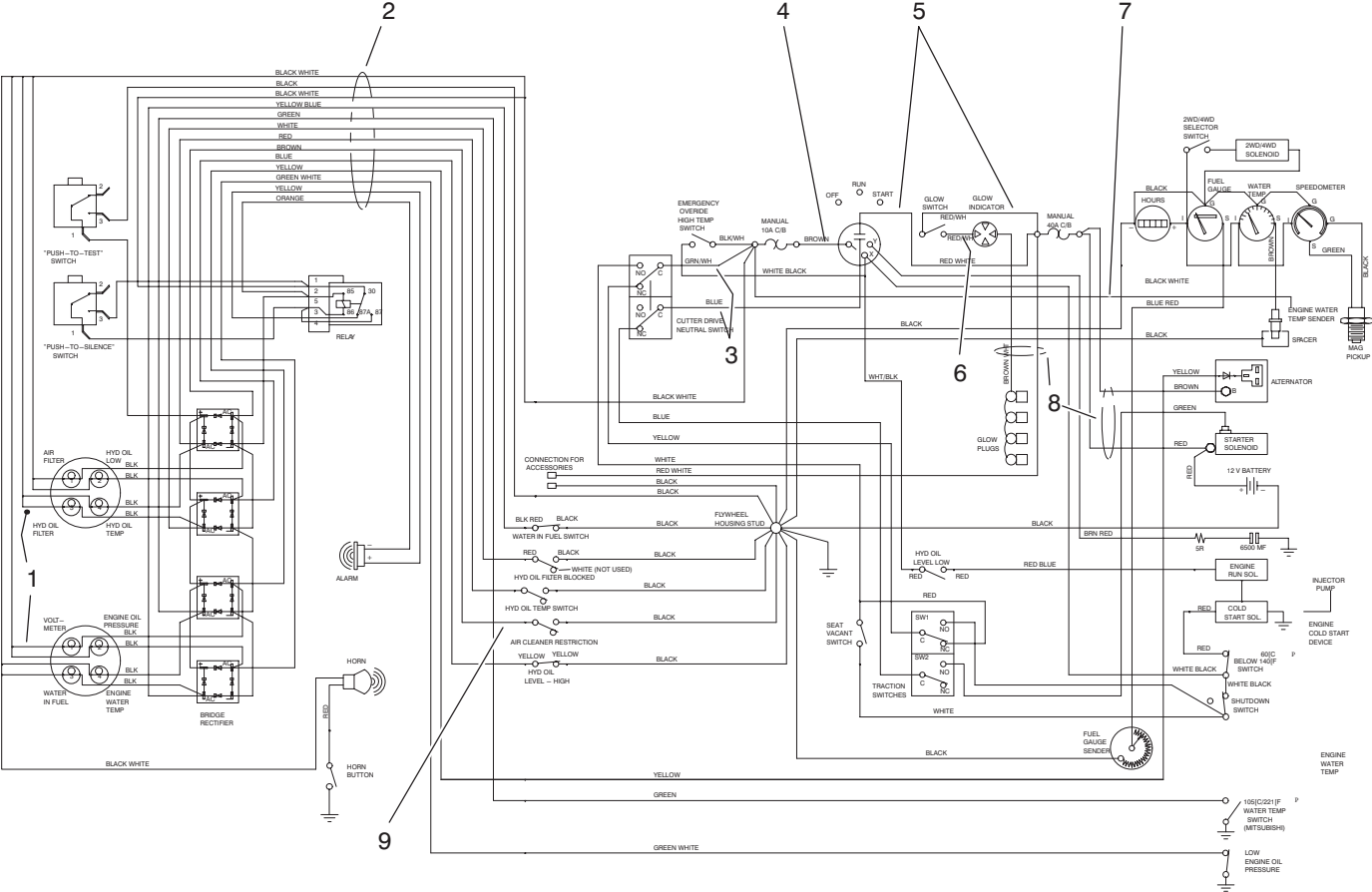
Ref. No.	Part No.	Description	No. Used
24	60-5650	Sleeve – Protective	1
25	60-2080	Clamp – Hose	1
26	60-5660	Sleeve – Protective	1
27	58-5740	Hose Assembly	1
28	340-76	Fitting – Adapter	3
29	58-4990	Tube Assembly (Incl. Ref. #3)	1
30	58-5070	Tube Assembly	1
31	58-4950	Tube Assembly	1
32	59-7200	Sleeve – Protective	1
33	58-5050	Tube Assembly	1
34	58-5030	Tube Assembly	1
35	58-4980	Tube Assembly	1
36	60-3340	Hose Assembly	1
37	63-4710	Tube Assembly	1
38	58-7740	Tube Assembly	1
39	58-5760	Hose Assembly	1
41	60-1250	Hose Assembly	2
42	48-9570	Washer – Lock	1
43	48-7680	Screw – Cap Hex. Hd.	1
44	74-2730	Spacer	4
45	340-74	Nut – Bulkhead	7
46	3290-379	Tie – Cable, (Europe)	4



T-0171

HYDRAULIC SCHEMATIC – CUTTING UNITS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
8	58-4960	Tube Assembly	1	29	58-4990	Tube Assembly	1
9	58-4970	Tube Assembly	1	30	58-5070	Tube Assembly	1
10	58-5730	Hose Assembly	1	31	58-4950	Tube Assembly	1
11	58-5790	Hose Assembly	2	33	58-5050	Tube Assembly	1
12	58-5060	Tube Assembly	1	34	58-5030	Tube Assembly	1
13	58-5000	Tube Assembly	1	35	58-4980	Tube Assembly	1
14	58-5020	Tube Assembly	1	36	60-3340	Hose Assembly	1
15	58-5040	Tube Assembly	1	37	63-4710	Tube Assembly	1
16	58-5780	Hose Assembly	4	38	58-7740	Tube Assembly	1
18	58-5750	Hose Assembly	1	39	58-5760	Hose Assembly	1
27	58-5740	Hose Assembly	1	41	60-1250	Hose Assembly	2

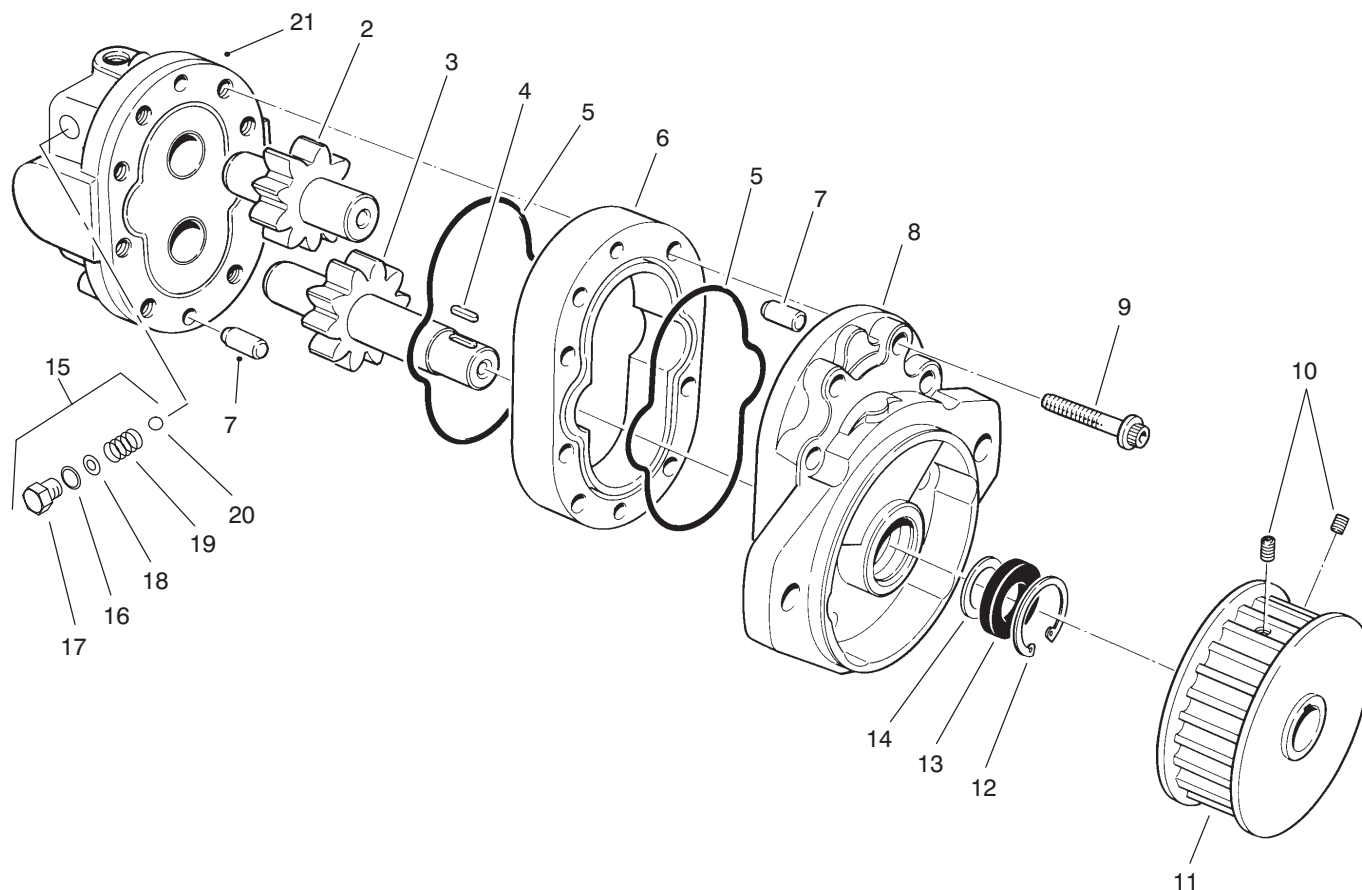


T-1716

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	82-9230	Harness - Wire (Indicator Lamp)	2
2	82-9820	Harness - Wire (Light Cluster)	1
3	82-9780	Harness - Wire (Interlock)	1
4	82-5940	Wire - Jumper	1

Ref. No.	Part No.	Description	No. Used
5	82-9730	Wire - Jumper	2
6	82-5930	Wire - Jumper	1
7	82-9740	Wire - Jumper (Gauges)	1
8	82-9770	Harness - Wire (Glow Plugs)	1
9	86-5990	Harness - Hyd. Filter	1



T-1786

REEL MOTOR ASSEMBLY NO. 93-1412

Ref. No.	Part No.	Description	No. Used
2	66-5750	Gear - Idler	1
3	66-5760	Gear - Drive	1
4	47-2380	Key	1
5	59-8420	O-Ring	2
6	66-5740	Body	1
7	42-2010	Pin - Dowel	2
8	66-5730	Plate & Bushings Assembly (Front)	1
9	66-5770	Screw - Cap Soc. Hd.	8
10	3246-17	Screw - Set	2
11	47-7150	Pulley - Drive	1
12	59-8320	Ring - Retaining	1
13	66-5710	Seal - Shaft	1
14	60-5890	Washer - Backup	1

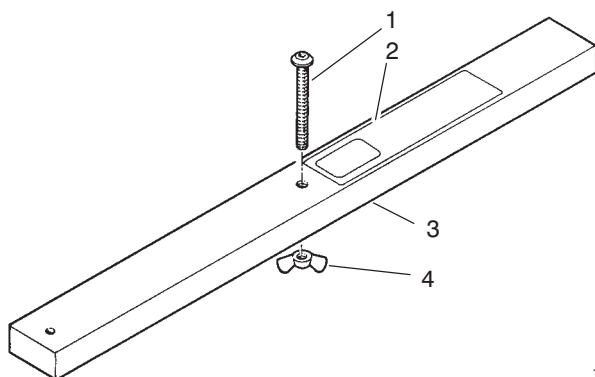
Ref. No.	Part No.	Description	No. Used
15	92-9260	Kit - Relief Valve (Incl. Ref. #16-20)	2
16	237-42	O-Ring	2
†17		Plug	2
†18		Shim	A/R
†19		Spring	2
†20		Ball	2
21	92-9259	Backplate/Relief Assy. (Incl. Ref. #15)	1
*	93-1412	Reel Motor Assembly (Incl. Ref. #1-9, 12-14)	1
*	93-1413	Kit - Seal Repair (Incl. Ref. #5, 12-13, & 16)	1

*Not Illustrated

†Not Serviced Separately

SPECIAL TOOLS

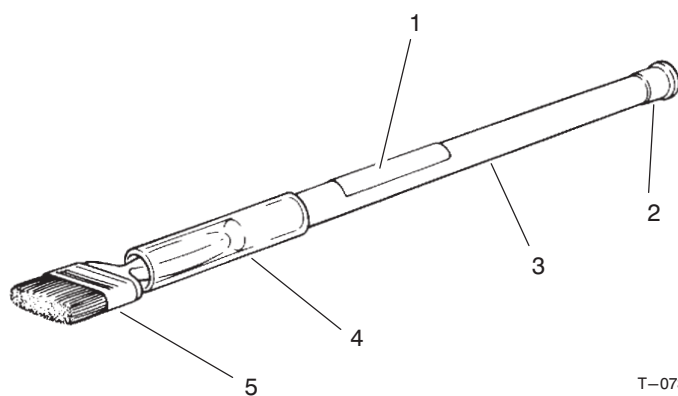
GAUGE BAR ASSEMBLY NO. 59-7900



Ref. No.	Part No.	Description	No. Used
1	32122-54	Screw — Mach. Slot. Hd.	1
2	59-7930	Decal	1
3		Bar	1
4	32103-3	Nut — Wing	1

T-0191

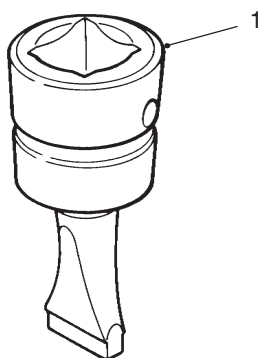
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



Ref. No.	Part No.	Description	No. Used
1	12-9140	Decal	1
2	2410-18	Plug	1
3	29-9080	Handle	1
4	29-9090	Hose — Handle	1
5	36-4310	Brush	1

T-0731

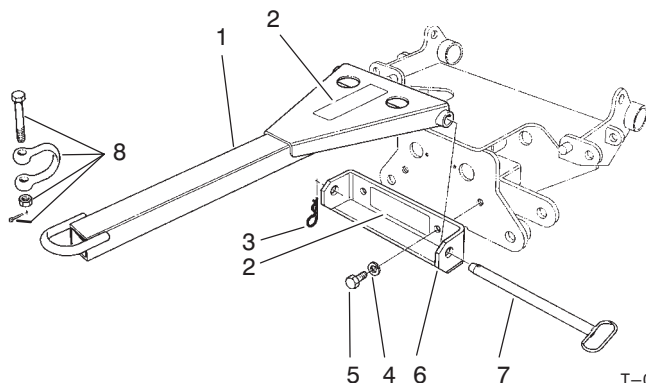
BEDKNIFE SCREW TOOL NO. *TOR510880



Ref. No.	Part No.	Description	No. Used
1		Tool — Bedknife Screw	1

T-0729

TOW BAR ASSEMBLY NO. 58-7020



Ref. No.	Part No.	Description	No. Used
1	12-7579	Tow Bar (Incl. Ref. #2)	1
2	63-4380	Decal — Instruction	2
3	60-4150	Pin — Retaining	1
4	48-8070	Washer — Lock	2
5	48-7830	Screw — Cap Hex. Hd.	2
6	12-7589	Tow Bar Bracket Assy. (Incl. Ref. #2)	1
7	60-4120	Pin — Tow Bar	1
8	60-4480	Shackle Assembly	1

T-0190

*Obtain these items directly from OTC 2013 4th St. Owatonna, MN. 55060 1-800-533-0492
(in Minnesota and Canada 1-507-455-7050) Fax. 507-455-7011.

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-2858	Disc - Friction	1 9 1	47-2550	Grip - Handle	19 16 2
3-7877	Grip	2 49 1	47-6990	Nut - Hex.	4 2 1
7-2111	Weight (Europe)	33 50 4	47-7010	Bushing	23 5 2
11-5790	Key	34 4 1	47-7030	Bushing - Rubber	1 13 1
11-5790	Key	33 41 2	47-7150	Pulley - Drive	70 11 1
11-5800	Nut - Slotted	32 30 2	48-3250	Mount - Rubber	37 1 4
11-5800	Nut - Slotted	34 13 1	48-3280	Bumper	27 16 2
11-9030	Bolt	9 45 1	48-3380	Leg - Support	37 5 2
12-7579	Tow Bar	71 1 1	48-4480	Strap - Tie	59 41 3
12-7589	Tow Bar Bracket Assy.	71 6 1	48-4590	Horn	4 15 1
12-9140	Decal	71 1 1	48-6640	Bushing - Flange	24 13 2
21-4191	Seat Belt Assembly	17 3 1	48-6640	Bushing - Flange	32 15 2
23-1840	Bushing	29 5 2	48-6660	Washer - Thrust	32 16 2
25-8640	Screw	9 8 1	48-6780	Spring	22 5 2
25-9090	Swivel	9 9 1	48-6790	Bushing - Flanged	1 6 4
26-4840	Spacer	15 32 4	48-6900	Screw - Hex Hd.	22 32 6
27-2360	Key Switch Assembly	8 18 1	48-6900	Screw - Self-Tap	7 22 4
27-7100	Air Cleaner Assembly	19 32 1	48-7080	Cap	22 19 3
27-7100	Air Filter Assembly	20 * 1	48-7100	Dampener	1 19 1
27-7110	Element Assembly	20 8 1	48-7120	Element - Suction	7 50 1
27-7120	Nut	20 3 1	48-7430	Pre-Cleaner Assembly	20 * 1
27-7130	Clamp Assembly	20 4 1	48-7430	Pre-Cleaner Assembly	19 33 1
27-7140	Baffle	20 2 1	48-7570	Bolt	37 10 2
27-7150	Cup Assembly	20 1 1	48-7610	Screw - Cap Hex. Hd.	4 17 2
27-7160	Decal - Instruction	19 31 1	48-7620	Bolt	7 12 10
27-7160	Decal - Instructions	20 14 1	48-7620	Bolt	10 47 2
27-7170	Band - Mounting	19 30 2	48-7620	Bolt - Hex. Flange Hd.	3 7 3
27-7170	Band Assembly	20 7 2	48-7620	Screw - Cap Hex. Hd.	45 16 2
27-7220	Soap - Air Cleaner	20 * 1	48-7630	Screw - Cap Hex. Hd.	45 15 2
29-1060	Bracket	29 29 2	48-7640	Screw - Cap Hex. Hd.	59 4 4
29-1070	Lever Assembly	29 34 2	48-7640	Screw - Cap Hex. Hd.	64 37 5
29-1080	Pad	29 39 4	48-7680	Screw - Cap Hex. Hd.	22 36 1
29-6163	Switch	1 26 2	48-7680	Screw - Cap Hex. Hd.	19 17 2
29-9080	Handle	71 3 1	48-7680	Screw - Cap Hex. Hd.	66 43 1
29-9090	Hose - Handle	71 4 1	48-7700	Bolt	9 1 2
33-1260	Cover Assembly	20 12 1	48-7700	Bolt	27 19 4
33-1270	Bowl	20 11 1	48-7700	Screw - Cap Hex. Hd.	59 21 1
33-3410	Spring	34 7 2	48-7740	Bolt	1 18 3
33-3570	Pin	34 6 2	48-7780	Bolt	37 6 6
33-3720	Washer	30 12 1	48-7830	Bolt	37 4 8
33-4970	Check Valve Assembly	56 8 2	48-7830	Screw - Cap Hex. Hd.	71 5 2
33-4990	Poppet	56 42 1	48-7880	Nut	51 12 1
36-4310	Brush	71 5 1	48-7880	Nut - Hex	69 29 1
37-2690	Capacitor	69 26 1	48-7880	Nut - Hex.	9 34 2
37-7600	Rectifier	5 8 4	48-7890	Nut	7 44 10
38-2860	Resistor - 5 Ohm	69 27 1	48-7890	Nut - Hex	59 49 1
39-2080	Tow Valve Assembly	56 4 1	48-7890	Nut - Hex.	11 51 1
39-2130	Retainer - Spring	56 44 1	48-7930	Nut - Hex.	1 7 3
39-2140	Spring	56 43 2	48-7930	Nut - Hex.	27 9 2
42-1220	O-Ring	12 7 1	48-7930	Nut - Hex.	37 13 3
42-2010	Pin - Dowel	70 7 2	48-7930	Nut - Hex.	1 15 3
42-2720	Seal - Shaft	56 16 1	48-7930	Nut - Hex.	61 38 1
42-3120	O-Ring	55 16 2	48-7960	Nut - Hex.	37 9 2
42-3140	Screw - Cap Hex. Hd.	55 11 8	48-8000	Washer - Lock	69 30 1
43-4000	Breaker - Circuit, 40 Amp.	8 25 1	48-8000	Washer - Lock	9 35 2
43-4001	Breaker - Circuit, 10 Amp.	8 20 1	48-8000	Washer - Spring	51 11 1
43-5930	Washer - Lock	59 5 5	48-8010	Washer	59 6 3
43-5930	Washer - Lock	7 13 12	48-8010	Washer	4 16 2
43-5930	Washer - Lock	45 14 4	48-8010	Washer	10 17 4
43-5930	Washer - Lock	64 17 6	48-8010	Washer	64 18 2
43-5930	Washer - Lock	4 18 2	48-8010	Washer	22 33 2
43-5930	Washer - Lock	10 46 4	48-8030	Washer	9 19 2
43-6280	Button - Push	5 3 2	48-8030	Washer	2 43 9
43-6280	Button - Push	8 10 2	48-8030	Washer - Flat	18 42 6
43-6290	Switch	5 11 2	48-8070	Washer - Lock	37 3 12
43-6420	Bezel	8 12 2	48-8070	Washer - Lock	71 4 2
43-6420	Bezel - Locking	5 4 2	48-8830	Pin - Roll	22 26 1
46-0670	Screw - Pan Hd.	15 17 6	48-8850	Washer - Bevel	22 27 3
46-6550	Elbow	21 10 1	48-9460	Bolt	37 11 1
46-6560	Grommet	21 5 3	48-9460	Screw - Cap Hex. Hd.	18 40 6
47-2380	Key	70 4 1	48-9470	Bolt	37 2 7

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
48-9470	Bolt	22 9 2	51-5460	Key - Woodruff	43 38 1
48-9470	Screw - Cap Hex. Hd.	15 20 2	51-5470	Plate - Thrust	43 36 1
48-9480	Bolt	37 23 1	51-5500	Bushing - Camshaft No. 1	38 2 1
48-9510	Nut - Hex.	1 14 1	51-5510	Bushing - Camshaft No. 2	38 3 1
48-9510	Nut - Lock	18 37 2	51-5520	Bushing - Camshaft No. 3	38 4 1
48-9530	Nut - Hex.	27 10 2	51-5530	Cap - Sealing	38 6 2
48-9570	Washer - Lock	9 2 2	51-5530	Cap - Sealing	42 12 6
48-9570	Washer - Lock	1 8 11	51-5540	Pin - Dowel, Gear Case	38 7 2
48-9570	Washer - Lock	27 8 4	51-5560	Pipe - Oil	38 15 1
48-9570	Washer - Lock	37 12 2	51-5580	Hanger	38 9 2
48-9570	Washer - Lock	22 35 1	51-5590	Cap - Sealing	38 21 3
48-9570	Washer - Lock	62 39 1	51-5600	Cap - Sealing	38 11 3
48-9570	Washer - Lock	18 41 6	51-5610	Pin - Dowel	38 20 8
48-9570	Washer - Lock	66 42 1	51-5640	Idle Gear Shaft Assembly	38 33 1
48-9580	Washer	15 5 2	51-5650	Pin - Spring	38 34 1
48-9580	Washer	37 26 1	51-5670	Cap - Sealing	38 12 2
48-9590	Washer - Lock	37 7 16	51-5730	Gasket	38 1 1
48-9590	Washer - Lock	15 21 2	51-5770	Bearing Set Std.	38 30 1
49-2500	Element - Filter	44 5 1	51-5820	Gasket	39 22 1
49-2520	Belt	51 17 1	51-5840	Washer - Sealing	39 29 1
49-2640	Seal - Shaft	55 12 1	51-5850	Cover	39 27 1
49-2660	Front Plate Assembly	55 15 1	51-5860	Gasket	39 26 1
49-2670	Plate - Wear	55 20 1	51-5870	Seal	39 25 1
49-2680	O-Ring - Molded	55 17 1	51-5900	Case - Seal, Oil	41 14 1
49-2690	Gasket - Backup	55 19 1	51-5910	O-Ring	41 15 1
49-2700	Seal - Bearing	55 18 1	51-5940	Housing - Flywheel	41 21 1
51-0880	Tool - Bedknife Screw	71 1 1	51-5950	Stud	51 22 2
51-2060	Washer	22 23 8	51-5970	Nut	51 15 2
51-2070	Nut	22 21 3	51-6010	Cover	41 7 1
51-4910	Bolt	40 36 2	51-6020	Gasket	41 8 1
51-4920	Bolt	40 37 1	51-6030	Plug	41 23 1
51-4930	Bolt	40 38 1	51-6100	Gasket - Housing, Flywheel	41 22 1
51-4940	Cap - Sealing	42 13 10	51-6180	Pin - Piston	42 22 4
51-4970	Insert - Valve Seat, Exhaust	42 27 4	51-6190	Ring - Snap	42 18 8
51-4980	Insert - Valve Seat, Inlet	42 28 4	51-6200	Connecting Rod Assembly	42 20 4
51-5030	Bolt - Cylinder Head	42 2 5	51-6210	Bushing	42 23 4
51-5040	Bolt - Cylinder Head	42 3 10	51-6220	Bolt	42 21 8
51-5050	Connector - Fitting	42 4 1	51-6230	Nut	42 26 8
51-5080	Rocker Shaft Assembly	43 7 2	51-6240	Bearing - Connecting Rod	42 24 8
51-5090	Plug - Expansion	43 6 2	51-6270	Washer	41 3 1
51-5100	Spring - Rocker Shaft	43 8 2	51-6300	Pin - Dowel	41 20 2
51-5110	Rocker Assembly	43 16 4	51-6310	Pulley - Crankshaft	41 4 1
51-5120	Bushing - Rocker	43 13 8	51-6320	Plate - Baffle	41 28 1
51-5130	Screw - Adjusting	43 1 8	51-6330	Plate - Thrust	41 27 1
51-5150	Bracket - Rocker Shaft	43 15 4	51-6340	Flywheel Assembly	41 18 1
51-5160	Washer	39 5 2	51-6350	Gear - Ring	41 19 1
51-5160	Washer - Flat	43 34 9	51-6360	Washer - Lock	41 17 2
51-5190	Bolt	43 5 4	51-6370	Bolt - Seal	41 16 4
51-5200	Rocker Assembly	43 14 4	51-6390	Washer	39 20 1
51-5210	Nut - Jam	43 2 8	51-6390	Washer - Spring	51 2 4
51-5240	Seal - O-Ring	43 10 2	51-6390	Washer - Spring	41 9 7
51-5250	Pipe - Oil	43 9 1	51-6390	Washer - Spring	40 35 4
51-5260	Ring - Snap	43 11 4	51-6400	Plate - Thrust	39 19 1
51-5270	Washer	43 12 4	51-6410	Gear - Camshaft	39 8 1
51-5280	Cap	43 33 8	51-6450	Gear - Crankshaft	39 17 1
51-5290	Keeper - Valve	43 32 16	51-6480	Cover	38 18 1
51-5310	Seal - Valve Stem	43 41 8	51-6490	Gasket	38 19 1
51-5320	Spring - Valve	43 17 8	51-6500	Gasket - Intake Manifold	45 9 2
51-5330	Valve - Exhaust	43 19 4	51-6540	Manifold - Inlet	45 21 1
51-5340	Valve - Inlet	43 18 4	51-6550	Gasket - Intake Pipe	45 20 1
51-5350	Cap - Oil Fill	42 6 1	51-6600	Clamp	45 6 2
51-5360	Nut - Cap	42 7 4	51-6620	Manifold - Exhaust	45 4 1
51-5370	Gasket	42 8 4	51-6630	Gasket - Exhaust Pipe	45 3 1
51-5380	Rocker Cover Assembly	42 9 1	51-6660	Gasket - Exhaust Manifold	45 5 1
51-5390	Washer - Sealing	42 15 1	51-6670	Oil Pump Assembly	43 22 1
51-5400	Connector	42 16 1	51-6680	Gear - Pump Drive	43 20 1
51-5410	Cover	42 5 1	51-6690	Pin	43 21 1
51-5420	Gasket - Rocker Cover	42 11 1	51-6700	Oil Pump Rotor Assembly	43 * 1
51-5430	Pushrod	43 40 8	51-6720	Cover - Oil Pump Case	43 26 1
51-5450	Camshaft	43 35 1	51-6750	Strainer - Oil	43 30 1
51-5460	Key - Woodruff	41 1 2	51-6760	Gasket	43 27 1

*Not Illustrated

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51-6800	Oil Filter Assembly	44 4 1	51-7910	Rotor Assembly	53 10 1
51-6820	Washer - Gasket	44 7 1	51-7930	Stator	53 18 1
51-6830	Relief Valve Assembly	44 8 1	51-7950	Terminal Assembly	53 17 1
51-6870	Gasket	44 6 1	51-7960	Regulator Assembly	53 16 1
51-6880	Bolt - Joint	44 1 2	51-7970	Brush	53 15 2
51-6890	Gasket	44 2 4	51-7980	Spring - Return	53 14 2
51-6890	Gasket	42 32 1	51-8100	Bearing Set 0.25mm U.S.	38 * 1
51-6900	Pipe - Oil	44 3 1	51-8110	Bearing Set 0.50mm U.S.	38 * 1
51-6910	Nut - Jam	40 5 1	51-8120	Bearing Set 0.75mm U.S.	38 * 1
51-6920	Washer - Spring	40 6 1	51-8190	Bearing - Connecting Rod	42 * 8
51-6930	Spacer - Water Pump	40 8 2	51-8200	Bearing - Connecting Rod	42 * 8
51-6940	Ring - Retaining	40 9 1	51-8210	Bearing - Connecting Rod	42 * 8
51-6950	Bearing - Ball	40 10 1	51-8240	Water Pump Assembly	40 14 1
51-6960	Key - Woodruff	40 11 1	51-8260	Switch - Indicator,	38 13 1
51-6980	Bearing - Ball	40 13 1	51-8270	Washer - Sealing	38 23 1
51-7010	Gasket	40 16 1	51-8280	Bolt	38 24 1
51-7020	Fitting - Grease	40 15 1	51-8310	Bolt	39 12 1
51-7030	Seal Unit	40 18 1	51-8390	Shim - 1.05mm	46 * A/R
51-7050	Cover	40 20 1	51-8400	Shim - 1.10mm	46 * A/R
51-7080	Gasket	40 34 1	51-8410	Shim - 1.15mm	46 * A/R
51-7130	Pulley - Water Pump	40 7 1	51-8420	Shim - 1.20mm	46 * A/R
51-7160	Elbow Assembly	40 40 1	51-8430	Shim - 1.25mm	46 * A/R
51-7170	Pipe	45 8 1	51-8440	Shim - 1.30mm	46 * A/R
51-7170	Pipe	40 30 1	51-8450	Shim - 1.35mm	46 * A/R
51-7190	Hose - Rubber	45 7 1	51-8460	Shim - 1.40mm	46 * A/R
51-7200	Clamp - Hose	40 31 2	51-8470	Shim - 1.45mm	46 * A/R
51-7210	Gasket	40 25 2	51-8480	Shim - 1.50mm	46 * A/R
51-7220	Gasket	40 24 1	51-8490	Shim - 1.55mm	46 * A/R
51-7230	Thermostat	40 23 1	51-8500	Shim - 1.60mm	46 * A/R
51-7250	Washer	46 3 2	51-8510	Shim - 1.65mm	46 * A/R
51-7250	Washer	38 5 5	51-8520	Shim - 1.70mm	46 *12 A/R
51-7250	Washer - Lock	40 2 2	51-8530	Shim - 1.75mm	46 * A/R
51-7250	Washer - Spring	39 2 13	51-8540	Shim - 1.80mm	46 * A/R
51-7250	Washer - Spring	45 2 12	51-8550	Shim - 1.85mm	46 * A/R
51-7250	Washer - Spring	43 3 11	51-8560	Shim - 1.90mm	46 * A/R
51-7250	Washer - Spring	41 6 2	51-8570	Shim - 1.95mm	46 * A/R
51-7250	Washer - Spring	51 6 1	51-8580	Plate - Adjusting	51 4 1
51-7250	Washer - Spring	44 13 19	51-8590	Washer - Flat	51 5 1
51-7250	Washer - Spring	47 33 3	51-8600	Bracket - Alternator	51 8 1
51-7400	Washer - Spring	41 11 8	51-8610	Washer - Spring	51 18 2
51-7400	Washer - Spring	46 24 2	51-8620	Bolt	51 19 1
51-7400	Washer - Spring	43 28 4	51-8630	Bolt	51 20 1
51-7490	Shim - 1.0mm	46 12 A/R	51-8640	Bolt	51 1 2
51-7590	Motor - Starter	51 16 1	51-8650	Plate - Connection	51 9 1
51-7600	Screw - Set	52 4 1	51-8660	Plug - Glow	51 13 4
51-7610	Packing	52 5 2	52-1321	Decal - Diesel Fuel	18 11 1
51-7620	Front Cover Assembly	52 6 1	52-6180	Washer	26 6 A/R
51-7630	Seal - Oil	52 24 1	52-6430	Washer	9 36 2
51-7640	Lever Assembly	52 7 1	52-6430	Washer	11 54 6
51-7650	Spring Assembly	52 8 1	52-9230	Ring - Retaining	6 2 1
51-7660	Center Bracket Assembly	52 9 1	52-9240	Bushing - Seal Gland	6 3 1
51-7670	Solenoid	52 10 1	52-9250	Kit - Bearing, Needle	6 * 1
51-7680	Armature Assembly	52 12 1	52-9260	Screw - Set	6 28 1
51-7690	Bearing	52 11 1	52-9270	Seat - Check Ball	6 26 1
51-7700	Bearing	52 13 1	52-9280	Ball - Check	6 24 1
51-7720	Clutch Shaft Assembly	52 * 1	52-9290	Retainer - Ball, Check	6 23 1
51-7730	Pinion Gear Assembly	52 2 1	52-9590	Latch	21 32 4
51-7740	Retaining Ring Assembly	52 1 1	53-5940	Bolt	27 44 1
51-7750	Gear Assembly	52 * 1	53-6070	Brake - Parking	9 3 1
51-7760	Shaft Assembly	52 23 1	55-4330	Arm Rest - L.H.	16 14 1
51-7770	Gear - Pinion	52 22 1	55-4331	Arm Rest - R.H.	16 * 1
51-7780	Cover Set	52 21 1	56-3850	Screw - Mach. Hex. Hd.	16 13 4
51-7790	Packing	52 20 2	56-3880	Washer	16 31 2
51-7800	Yoke Assembly	52 19 1	56-3890	Nut	16 30 1
51-7810	Brush Holder Assembly	52 17 1	56-3940	Washer	16 40 1
51-7820	Spring - Brush	52 18 4	56-4150	Grip - Handle	16 6 1
51-7830	Cover - Rear	52 16 1	56-4170	Clevis - Threaded	16 29 1
51-7840	Ring - Rubber	52 15 2	56-6860	Shaft Sub-Assembly	34 5 1
51-7850	Nut Assembly	53 1 1	56-6890	Kit - Seal	34 * 1
51-7870	Screw - Set	53 4 1	58-0070	Disc - Brake	29 9 1
51-7890	Screw - Set	53 5 1	58-0110	Bracket	29 32 2

*Not Illustrated

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58-0400	Shroud — Front	2 45 1	58-5020	Tube Assembly	67 14 1
58-0500	Cover	4 19 1	58-5030	Tube Assembly	66 34 1
58-0660	Foot — Front	37 8 1	58-5030	Tube Assembly	67 34 1
58-0980	Fender — LH	7 25 1	58-5040	Tube Assembly	67 15 1
58-1480	Pin — Cotter	10 22 8	58-5040	Tube Assembly	66 15 1
58-1510	Shaft	10 34 1	58-5050	Tube Assembly	66 33 1
58-1520	Pin — Pivot	10 6 1	58-5050	Tube Assembly	67 33 1
58-1530	Coupling	11 53 1	58-5060	Tube Assembly	66 12 1
58-1540	Spacer	11 59 4	58-5060	Tube Assembly	67 12 1
58-1560	Link	10 50 6	58-5070	Tube Assembly	66 30 1
58-1570	Link	10 21 2	58-5070	Tube Assembly	67 30 1
58-1580	Seat Frame Assembly	15 30 1	58-5100	Washer	1 22 2
58-1640	Pin — Seat Pivot	15 25 1	58-5100	Washer	37 27 2
58-1650	Rod — Seat	15 9 1	58-5330	Spacer — Hinge	18 4 A/R
58-1750	Panel — Access	7 37 1	58-5350	Spacer — Hinge	18 * A/R
58-1970	Hinge — LH	18 5 1	58-5380	Latch — Draw	18 22 2
58-1980	Hinge — RH	18 * 1	58-5420	Cap — Radiator	19 9 1
58-2040	Indicator — Glow Plug	8 17 1	58-5430	Motor — Wheel	29 12 2
58-2150	Manifold	10 40 1	58-5460	Valve — Shut-Off	27 2 2
58-2170	Bar	9 17 1	58-5460	Valve — Shutoff	24 5 1
58-2300	Link — Brake	29 37 4	58-5490	Valve — Flow Control	11 56 1
58-2720	Pin — Cylinder Mount	23 14 2	58-5520	Valve	10 28 1
58-2720	Pin — Pivot	27 40 3	58-5540	Cooler — Hydraulic Oil	19 11 1
58-2800	Bushing	22 1 4	58-5610	Rim	29 24 2
58-2810	Rod	22 3 2	58-5620	Tube — Inner	29 25 2
58-3570	Spring — Compression	27 46 2	58-5650	Pump — Gear	54 28 1
58-3590	Dowel	37 15 2	58-5660	Pump — Piston	54 26 1
58-3780	Spacer	29 28 8	58-5710	Hose Assembly	64 11 1
58-3810	Pin — Clevis	10 49 3	58-5710	Hose Assembly	65 11 1
58-3830	Pin — Clevis	10 16 5	58-5720	Hose Assembly	59 33 1
58-3850	Cable — Neg. Battery	69 15 1	58-5720	Hose Assembly	60 33 1
58-3880	Clamp	59 9 3	58-5730	Hose Assembly	66 10 1
58-3880	Clamp — Tube	64 15 5	58-5730	Hose Assembly	67 10 1
58-3910	Pin — Hinge	18 9 2	58-5740	Hose Assembly	66 27 1
58-3930	Bushing — Flange	18 3 2	58-5740	Hose Assembly	67 27 1
58-4310	Ring	1 21 2	58-5750	Hose Assembly	66 18 1
58-4380	Pin — Pivot	26 15 2	58-5750	Hose Assembly	67 18 1
58-4380	Pin — Pivot	27 26 3	58-5760	Hose Assembly	66 39 1
58-4450	Lever	10 18 1	58-5760	Hose Assembly	67 39 1
58-4460	Clevis	10 20 1	58-5780	Hose Assembly	66 16 4
58-4710	Tube Assembly	59 48 1	58-5780	Hose Assembly	67 16 4
58-4710	Tube Assembly	60 48 1	58-5790	Hose Assembly	66 11 2
58-4750	Tube Assembly	64 5 1	58-5790	Hose Assembly	67 11 2
58-4750	Tube Assembly	65 5 1	58-5800	Hose Assembly	64 35 1
58-4760	Tube Assembly	64 31 1	58-5800	Hose Assembly	65 35 1
58-4760	Tube Assembly	65 31 1	58-5820	Hose Assembly	64 23 1
58-4780	Tube Assembly	64 9 1	58-5820	Hose Assembly	65 23 1
58-4780	Tube Assembly	65 9 1	58-5830	Hose Assembly	64 30 1
58-4790	Tube Assembly	59 25 1	58-5830	Hose Assembly	65 30 1
58-4790	Tube Assembly	60 25 1	58-5840	Hose Assembly	64 19 1
58-4850	Tube Assembly	64 20 1	58-5840	Hose Assembly	65 19 1
58-4850	Tube Assembly	65 20 1	58-5850	Hose Assembly	64 29 2
58-4860	Tube Assembly	59 27 1	58-5850	Hose Assembly	65 29 2
58-4860	Tube Assembly	60 27 1	58-5860	Hose Assembly	59 1 2
58-4870	Tube Assembly	64 34 1	58-5860	Hose Assembly	60 1 2
58-4870	Tube Assembly	65 34 1	58-5870	Hose Assembly	59 34 1
58-4880	Tube Assembly	64 32 1	58-5870	Hose Assembly	60 34 1
58-4880	Tube Assembly	65 32 1	58-5910	Decal — Tire Pressure	22 17 2
58-4950	Tube Assembly	66 31 1	58-5940	Sight Glass	7 21 1
58-4950	Tube Assembly	67 31 1	58-5960	Column — Steering	4 4 1
58-4960	Tube Assembly	66 8 1	58-6290	Poppet Assembly	13 33 3
58-4960	Tube Assembly	67 8 1	58-6310	Spacer	13 26 3
58-4970	Tube Assembly	66 9 1	58-6310	Washer — Backup	13 10 6
58-4970	Tube Assembly	67 9 1	58-6320	Wiper — Seal	13 38 3
58-4980	Tube Assembly	66 35 1	58-6330	Seat Assembly	13 35 3
58-4980	Tube Assembly	67 35 1	58-6340	O-Ring	13 36 3
58-4990	Tube Assembly	66 29 1	58-6350	Plug Assembly	13 11 3
58-4990	Tube Assembly	67 29 1	58-6370	Washer — Backup	14 15 1
58-5000	Tube Assembly	66 13 1	58-6380	Assembly — Plug	13 30 3
58-5000	Tube Assembly	67 13 1	58-6400	Bushing	13 23 3
58-5020	Tube Assembly	66 14 1	58-6410	Spring	13 31 3

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
58-6420	Assembly - Cap	13 28 3	59-7410	Fitting - Diagnostic	11 62 1
58-6440	Poppet	13 20 1	59-7580	Nut	58 1 8
58-6450	O-Ring	13 22 6	59-7590	Washer - Lock	58 2 8
58-6460	Ring - Retaining	13 27 3	59-7600	Plug Assembly	14 1 2
58-6470	Washer	13 16 A/R	59-7610	O-Ring	14 2 2
58-6480	Washer	13 17 A/R	59-7640	O-Ring	14 5 1
58-6490	Washer	13 18 A/R	59-7650	O-Ring	14 6 1
58-6510	Foot Pad - R.H.	3 2 1	59-7720	Shim	14 13 A/R
58-6520	Decal - Grease	22 16 3	59-7750	Shim	14 17 A/R
58-6520	Decal - Grease	23 21 1	59-7760	Shim	14 18 A/R
58-6520	Decal - Grease	33 43 2	59-7770	Spring	14 19 1
58-6530	Decal - Hydraulic Oil	15 23 1	59-7780	O-Ring	25 7 2
58-6540	Decal - Operator Warning	7 32 1	59-7780	O-Ring	14 14 1
58-6560	Panel - Side, Control	9 30 1	59-7780	O-Ring	12 32 1
58-6580	Fitting	7 11 5	59-7810	Circlip	25 1 2
58-6620	Foot Pad - L.H.	3 8 1	59-7820	Washer	25 2 2
58-6630	Foot Pad - Center	3 5 1	59-7840	Spring	25 4 1
58-6670	Hose Assembly	64 27 1	59-7850	Wiper	25 5 2
58-6670	Hose Assembly	65 27 1	59-7860	Backup Washer	25 6 2
58-6680	Panel - Test Ports	7 6 1	59-7860	Washer - Backup	12 6 1
58-6700	Washer	13 24 3	59-7890	Seal Kit	25 * 1
58-6710	Plug Assembly	13 6 3	59-7910	Grommet	10 35 1
58-6720	O-Ring	13 7 3	59-7930	Decal	71 2 1
58-6730	Spring	13 25 3	59-7950	Switch - Cold Start	42 10 1
58-6750	O-Ring	13 15 1	59-7960	Decal - Latch	3 6 1
58-6760	Spring	13 3 3	59-7970	Stud	58 3 8
58-6770	Detent Plunger	13 4 3	59-7990	Seal - Gland	58 5 2
58-6780	Plug Assembly	13 1 3	59-8040	Spring	12 29 1
58-6790	O-Ring	13 5 3	59-8050	Spring - Detent	12 10 2
58-6820	Gasket	15 22 1	59-8060	Plug - Detent	12 9 1
58-6860	Connector	69 28 1	59-8070	Washer - Lock	12 23 2
58-6940	Decal - Coolant Only	18 1 1	59-8080	Washer - Deep	12 30 1
58-7070	Spacer	18 23 2	59-8100	Washer - Shallow	12 27 1
58-7190	Spring	10 12 1	59-8120	O-Ring	12 33 1
58-7390	Foot Rest Assembly	3 4 1	59-8140	O-Ring	12 3 1
58-7730	Tube Assembly	64 7 1	59-8150	Pawl - Detent	12 11 3
58-7730	Tube Assembly	65 7 1	59-8160	Plug	12 4 1
58-7740	Tube Assembly	66 38 1	59-8170	Washer - Wire	12 28 1
58-7740	Tube Assembly	67 38 1	59-8180	Washer	12 31 1
58-7750	Tube Assembly	59 38 1	59-8190	Wiper	12 34 1
58-7750	Tube Assembly	60 38 1	59-8230	Plug	12 16 1
58-7760	Tube Assembly	59 40 1	59-8250	Kit - Seal	12 * 1
58-7760	Tube Assembly	60 40 1	59-8260	O-Ring	30 6 1
58-7770	Tube Assembly	59 39 1	59-8270	Back Plate Assembly	30 5 1
58-7770	Tube Assembly	60 39 1	59-8280	Screw - Cap Hex. Hd.	30 2 3
58-7780	Tube Assembly	59 37 1	59-8290	Screw - Cap Hex. Hd.	30 1 3
58-7780	Tube Assembly	60 37 1	59-8300	Housing Assembly	30 17 1
58-9010	Block	1 24 1	59-8320	Ring - Retaining	70 12 1
58-9160	Drain Plug Assembly	7 47 1	59-8340	Rotating Assembly	30 19 1
58-9210	Cam	27 42 2	59-8350	Camplate Assembly	30 18 1
58-9580	Foot Rest	1 1 1	59-8360	Shaft - Drive	30 10 1
58-9630	Sleeve - Protector	27 48 2	59-8370	Seal - Shaft	30 11 1
58-9830	Plate - Seat	15 31 1	59-8380	Key	30 8 1
59-6730	Race - Bearing	6 6 2	59-8390	Kit - Seal Repair	30 * 1
59-6740	Bearing - Needle, Thrust	6 7 1	59-8420	O-Ring	70 5 2
59-6820	Kit - Centering Spring	6 10 1	59-8440	Decal - Warning	19 10 1
59-6830	Kit - Pin, Centering	6 19 1	59-8470	Retainer - Seal	58 6 2
59-6860	Drive	6 14 1	59-8500	Drive Gear - Spline	58 10 1
59-6870	Gerotor	6 15 1	59-8540	Coupling	58 14 1
59-7130	Knob	10 33 1	59-8550	O-Ring	54 10 1
59-7140	Bumper	24 9 1	59-8570	Seal - Shaft	58 17 1
59-7140	Bumper	27 47 2	59-8580	Ring - Retaining	58 18 1
59-7160	Sender - Temp.	40 22 1	59-8590	Seal - Shaft	58 9 1
59-7190	Sleeve - Protective	66 5 4	59-8600	Driven Gear	58 11 1
59-7200	Sleeve - Protective	66 32 1	60-0050	Spring	15 24 1
59-7220	Switch - Glow Plug	8 14 1	60-0080	Bushing - Flanged	27 43 2
59-7240	Throttle Assembly	9 4 1	60-0090	Pin - #1 Lift Arm Pivot	27 17 1
59-7260	Sleeve - Protective	66 6 2	60-0090	Pin - Lift Arm, Pivot	23 17 2
59-7280	Foot Pad - Traction	3 1 1	60-0100	Pin - #4 & 5 Lift Arm Pivot	27 21 2
59-7290	Decal - Hyd. Fill	7 20 1	60-0160	Pin - Roller Rear	22 24 2
59-7410	Fitting - Diagnostic	7 9 5	60-0190	Retainer	23 20 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
60-0190	Retainer — #1 & 4 Pivot Pin	27 18 1	60-3610	Ring — Snap	28 6 1
60-0300	Rod	24 11 1	60-3620	Seal	28 5 1
60-0550	Bushing	10 23 1	60-3630	Wiper	28 4 1
60-0600	Bracket	2 47 1	60-3650	Washer	28 2 1
60-0670	Spring — Compression	23 11 2	60-3660	Screw — Bleed	28 1 1
60-0730	Bracket — Lock, Neutral	2 35 1	60-3670	Pin — Roll	33 46 1
60-0760	Clevis	2 42 1	60-3680	Hose — Overflow	19 6 1
60-0790	Grommet	4 27 1	60-3720	Pin — Roll	22 2 2
60-0930	Clip	19 5 3	60-3780	Kit — Seal	13 * 1
60-0930	Clip	69 5 3	60-3800	Coupling	31 1 1
60-1010	Lug — Angle	37 22 1	60-3810	Shaft — Input	31 2 1
60-1050	Bracket	27 15 2	60-3820	Spindle	31 3 1
60-1110	Bushing	2 48 2	60-3830	Seal — Oil	31 4 1
60-1130	Lever	1 10 1	60-3840	Cone — Bearing	31 5 1
60-1240	Spring	22 6 2	60-3850	Cup — Bearing	31 6 2
60-1250	Hose Assembly	59 19 1	60-3860	Bolt — Wheel	31 7 9
60-1250	Hose Assembly	60 19 1	60-3870	Hub	31 8 1
60-1250	Hose Assembly	66 41 2	60-3880	Cone — Bearing	31 9 1
60-1250	Hose Assembly	67 41 2	60-3890	Bolt — Hex. Hd.	31 10 6
60-1280	Pin — Roll	27 27 3	60-3900	Gear — Ring	31 24 1
60-1280	Pin — Roll	26 14 2	60-3910	Washer — Flat	31 11 6
60-1340	Rod — Push RH	27 45 1	60-3930	Ring — Retaining	31 29 1
60-1350	Rod — Push LH	27 * 1	60-3940	Washer	31 26 2
60-1360	Clamp	59 24 1	60-3950	Spring — Disengage	31 27 1
60-1360	Clamp — Tube	64 36 3	60-3980	Washer — Thrust	31 12 1
60-1630	Hose Assembly	64 25 1	60-3990	Washer — Thrust	31 23 1
60-1630	Hose Assembly	65 25 1	60-4010	Plunger — Disengage	31 22 1
60-1640	Retainer — #5 Pivot Pin	27 * 1	60-4020	O-Ring	31 21 1
60-1740	Nut — Spring	29 36 4	60-4030	Bolt — Hex Hd.	31 17 8
60-1750	Lever — R.H.	23 3 1	60-4040	Plug — Pipe	31 16 1
60-1780	Lever — L.H.	23 8 1	60-4050	Cover — Large	31 19 1
60-1820	Shaft — Pivot	23 6 1	60-4060	Cover — Disengage	31 18 1
60-1900	Tube Assembly	59 8 1	60-4070	Bolt — Hex. Hd.	31 14 2
60-1900	Tube Assembly	60 8 1	60-4120	Pin — Tow Bar	71 7 1
60-1990	Bushing — Flange	23 4 2	60-4150	Pin — Retaining	71 3 1
60-2000	Pin — Dowel	23 2 6	60-4190	Grass Shield — L.H.	22 30 1
60-2010	Sleeve — Protective	59 10 1	60-4200	Grass Shield — R.H.	22 31 1
60-2020	Shield — Heat	7 40 1	60-4480	Shackle Assembly	71 8 1
60-2080	Clamp — Hose	66 25 1	60-4540	Bolt	37 14 1
60-2080	Clamp — Hose	22 34 1	60-4550	Switch — Micro	12 19 1
60-2110	Pin — Roll	1 5 5	60-5000	Bracket	46 1 1
60-2110	Pin — Roll	22 25 8	60-5010	Fuel Filter Assembly	46 2 1
60-2110	Pin — Spirol	10 36 2	60-5020	Clip	46 27 4
60-2140	Spring	9 23 2	60-5030	Wrap — Spiral	46 5 2
60-2160	Wire — Retaining	15 3 1	60-5040	Hose — Fuel Feed	47 37 1
60-2170	Screw — Pan Hd.	8 21 2	60-5070	Pipe — Fuel	47 30 1
60-2180	Fitting — Tee	64 22 1	60-5090	Clamp — Lower	46 18 2
60-2780	Tube — Drain	47 38 1	60-5100	Injection Pump Assembly	47 31 1
60-3060	Washer	49 2 8	60-5150	Hose — Rubber	46 20 1
60-3060	Washer	48 12 1	60-5160	Clip	46 21 3
60-3070	Valve — Pressure	49 1 1	60-5170	Connector	46 22 1
60-3090	Banjo	49 3 4	60-5180	Clip	46 26 1
60-3100	Valve — Pressure	49 9 1	60-5210	Clamp — Upper	46 23 2
60-3110	Washer	49 10 1	60-5220	Nut	41 2 1
60-3120	Nut	49 7 4	60-5330	Pulley Assembly	53 2 1
60-3130	Plate — Clamping	49 8 1	60-5340	Front Cover Assembly	53 7 1
60-3140	Spring	49 12 1	60-5360	Bearing	53 11 1
60-3140	Spring	48 15 1	60-5421	Alternator	51 3 1
60-3150	Ring — Sealing	49 13 1	60-5430	O-Ring	51 14 1
60-3150	Sealing Ring	48 14 1	60-5450	Plug — Air	50 3 1
60-3160	Solenoid	49 11 1	60-5470	Filter Element Assembly	50 4 1
60-3160	Solenoid	48 13 1	60-5480	Sensor — Water	50 6 1
60-3250	Washer — Rubber	26 7 1	60-5490	Kit — Drain Plug	50 8 1
60-3260	Screw	4 10 1	60-5580	Switch — Temperature	15 19 1
60-3340	Hose Assembly	66 36 1	60-5590	Switch — Temp.	40 21 1
60-3340	Hose Assembly	67 36 1	60-5650	Sleeve — Protective	66 24 1
60-3380	Bearing	30 16 1	60-5660	Sleeve — Protective	66 26 1
60-3520	O-Ring	54 27 1	60-5690	Clip — Safety	10 5 3
60-3530	Bolt	54 33 2	60-5700	Spring	1 23 2
60-3540	Washer	54 32 2	60-5710	Plug	55 6 1
60-3590	Bearing	30 7 1	60-5720	O-Ring	55 2 2

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
60-5720	O-Ring	13	9	6	60-7110	Screw - Cap Hex. Hd.	40	46	2
60-5730	Disc	55	8	A/R	60-7120	Nut	47	32	3
60-5740	Body Assembly	55	21	1	60-7180	Bolt	39	28	1
60-5760	Pin - Dowel	55	4	4	60-7190	Gasket	47	35	1
60-5770	Idler Gear Assembly	55	10	1	60-7200	Plate - Flange	39	11	1
60-5780	Drive Gear Assembly	55	7	1	60-7210	Bolt	39	21	1
60-5820	Spring	55	9	1	60-7260	Nut - Hex	48	11	1
60-5860	Plug	55	1	1	60-7280	Bolt	45	1	8
60-5890	Washer	55	13	1	60-7280	Bolt	38	16	2
60-5890	Washer - Backup	70	14	1	60-7290	Bolt	46	25	2
60-5900	Kit - Seal Repair	55	*	1	60-7290	Bolt	43	29	4
60-5910	Kit - Repair, Back Plate	55	*	1	60-7300	Bolt	45	11	2
60-5950	Washer - Backup	14	7	1	60-7310	Bolt	38	35	1
60-5950	Washer - Backup	57	46	2	60-7360	Bolt	44	19	1
60-5980	O-Ring	56	33	2	60-7370	Bolt	43	4	5
60-5990	Race - Inner	56	20	1	60-7370	Bolt	51	7	1
60-6000	Housing Assembly	56	19	1	60-7370	Bolt	44	17	2
60-6010	Cover - Trunnion	56	23	1	60-7430	Oil Seal Assembly	41	13	1
60-6020	Camplate	56	14	1	60-7480	Bolt	41	10	7
60-6030	Rotating Kit Assembly	56	12	1	60-7490	Bolt	41	12	8
60-6040	Back Plate Assembly	56	9	1	61-3610	Decal	26	32	2
60-6050	Bearing	57	48	1	61-3610	Decal	27	52	3
60-6060	Cartridge	56	37	1	62-2610	Strainer	15	16	1
60-6070	Poppet	56	40	1	62-6290	Decal - Lift Lever	7	26	1
60-6080	O-Ring	56	38	1	62-6300	Sleeve Assembly	20	10	1
60-6090	Spring	56	39	1	62-6320	Screw - Brass	40	33	1
60-6110	Bearing - Needle	56	18	2	62-6370	Kit - Seal	28	*	1
60-6120	Cover - Seal	56	15	1	62-6400	Drive Hub Assembly	29	21	2
60-6130	Gasket - Housing	56	10	1	62-6410	Primary Carrier Assembly	31	*	1
60-6140	Shaft - Drive	56	31	1	62-6420	Secondary Carrier Assembly	31	*	1
60-6150	Bearing	57	47	1	62-6430	Gear - Primary Sun	31	*	1
60-6160	Race - Thrust	56	29	2	62-6440	Foot Pad	3	3	1
60-6170	Bearing - Needle, Thrust	56	30	1	62-6450	Kit - Retaining Ring	31	28	1
60-6180	O-Ring	56	5	1	62-6460	Tube - RW Sealant	31	*	1
60-6190	O-Ring	56	21	1	62-7400	Decal - Toro	2	46	1
60-6200	Charge Pump Adptr. Assy.	56	2	1	62-7650	Gasket - Fuel Sender	21	9	1
60-6210	Cover - O-Ring	56	22	1	63-4220	Spring - Compression	21	51	4
60-6220	Screw - Cap Hex. Hd.	56	36	2	63-4380	Decal - Instruction	71	2	2
60-6230	Screw - Cap Hex. Hd.	56	1	2	63-4390	Bearing - Needle	56	6	1
60-6240	Washer	56	27	1	63-4440	O-Ring	12	5	1
60-6250	Washer	56	17	2	63-4480	Tire (Model 03704)	29	26	2
60-6260	Ring - Retaining	56	25	1	63-4510	Spring	12	15	1
60-6270	Ring - Retaining	56	28	2	63-4520	Kit - Seal	14	*	1
60-6300	Seal - Shaft	56	26	1	63-4540	Decal - Ground Speed	4	20	1
60-6310	Key	56	13	1	63-4560	Spring	48	2	1
60-6320	Key	56	35	1	63-4570	Lever	48	3	1
60-6330	Screw	56	24	4	63-4580	Nut	48	4	2
60-6340	Kit - Bleed-Off Valve	57	*	1	63-4590	Screw - Vent	48	5	1
60-6350	Gerotor Gear Assembly	56	7	1	63-4600	Body - Screw Vent	48	6	1
60-6360	Kit - Charge Relief Spring	57	*	1	63-4610	Washer	48	7	3
60-6370	Pin - Dowel	56	11	2	63-4620	Washer	48	8	4
60-6400	Kit - Seal	57	*	1	63-4630	Key	48	9	1
60-6440	Eyelet	13	32	3	63-4640	Washer - Lock	48	10	1
60-6450	Disc	13	2	A/R	63-4650	Washer	49	6	2
60-6650	Bolt	11	60	2	63-4660	Washer	49	5	4
60-6650	Screw - Cap Hex. Hd.	64	16	2	63-4670	Valve - Pressure	49	4	2
60-6660	Nut - Hex	22	7	2	63-4680	Tube Assembly	64	8	1
60-6740	Washer	2	38	3	63-4680	Tube Assembly	65	8	1
60-6870	Bolt	22	18	3	63-4700	Valve - Flow Regulator	11	72	1
60-6870	Bolt	37	21	4	63-4710	Tube Assembly	66	37	1
60-6990	Washer	29	19	18	63-4710	Tube Assembly	67	37	1
60-6990	Washer	1	29	1	63-4740	Bolt - Cylinder Head	42	33	2
60-7040	Bolt	39	4	1	63-4780	Valve - Relief	12	8	1
60-7040	Bolt	45	10	2	63-4800	Valve - Control	10	9	1
60-7050	Bolt	46	4	2	63-4820	Detent - Block	12	25	1
60-7050	Bolt	39	7	8	63-4830	Screw - Cap Hd.	12	22	2
60-7060	O-Ring	39	6	1	63-4840	Spool - Screw	12	26	1
60-7110	Bolt	41	5	2	63-4850	Plunger	12	18	1
60-7110	Bolt	44	12	16	63-4860	Circlip	12	14	1
60-7110	Bolt	38	17	2	63-7590	Relay	5	10	1
60-7110	Bolt	43	37	2	63-8360	Key - Ignition	8	8	2

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63-8410	Washer - Flat	21 30 2	70-5040	Hose - By-Pass	40 32 1
63-9920	Decal - EEC 105 (Europe)	4 32 1	71-4040	Assembly - Filler Cap	15 12 1
65-5870	Tube - Manual	15 11 1	72-0130	Button - Horn	4 1 1
65-5890	Cap - Tube	15 8 2	72-0150	Nozzle Assembly	46 * 4
66-2490	Retainer - Battery	19 39 1	72-0160	Nozzle Tip Assembly	46 7 4
66-2940	Gauge - Fuel	8 6 1	72-0170	Pipe - Injector No. 1	47 29 1
66-2950	Hourmeter	8 7 1	72-0180	Pipe - Injector No. 2	46 16 1
66-3160	Bolt	2 44 7	72-0190	Pipe - Injector No.3	46 28 1
66-5410	Orifice	10 41 1	72-0200	Pipe - Injector No. 4	46 19 1
66-5420	Sleeve	12 17 1	72-0210	Pipe - Fuel Leak-Off	46 17 1
66-5430	Screw - Machine	12 21 2	72-0270	Nut - Retaining	46 8 4
66-5440	Nut - Lock	12 12 2	72-0280	Spacer	46 9 4
66-5560	Bolt - U	61 23 1	72-0300	Spring - Pressure	46 11 4
66-5580	Kit - Seal Repair	11 * 1	72-0310	Nut	46 15 4
66-5590	Kit - Seal	11 * 1	72-0320	Nozzle - Body	46 13 4
66-5710	Seal - Shaft	70 13 1	72-0330	Packing	46 14 4
66-5730	Plate & Bushings Assembly	70 8 1	72-9760	Switch - Override	8 19 1
66-5740	Body	70 6 1	74-2710	Clamp - Split	66 22 4
66-5750	Gear - Idler	70 2 1	74-2730	Spacer	66 44 4
66-5760	Gear - Drive	70 3 1	74-2750	Retainer	66 21 2
66-5770	Screw - Cap Soc. Hd.	70 9 8	74-2780	Tube Assembly	59 32 1
66-5840	Kit - Seal Repair	30 * 1	74-2780	Tube Assembly	60 32 1
66-5860	Adapter - 45°	11 55 1	74-2790	Tube Assembly	59 36 1
66-6140	Decal - TORO	21 21 1	74-2790	Tube Assembly	60 36 1
67-3390	Gasket	46 6 4	74-2810	Tube Assembly	59 35 1
68-6030	Bolt	40 26 2	74-2810	Tube Assembly	60 35 1
68-6040	Bracket - Latch	18 26 2	74-2820	Tube Assembly	59 28 1
68-6150	Breather	7 15 1	74-2820	Tube Assembly	60 28 1
68-6270	Tube Kit	64 21 1	74-2920	Carrier - Front	23 7 1
68-6270	Tube Kit	65 21 1	74-3090	Spring	6 20 2
68-6310	Tube Kit	59 * 1	74-3140	Ball - Check	6 22 2
68-6310	Tube Kit	60 * 1	74-3170	Linkage - Cross Cut Control	11 74 1
68-6320	Tube Assembly	59 29 1	74-3190	Lever - Lift	10 2 3
68-6320	Tube Assembly	60 29 1	74-9100	Pad - Forward	1 3 1
68-6330	Tube Assembly	59 52 1	74-9110	Pad - Reverse	1 4 1
68-6330	Tube Assembly	60 52 1	75-1370	Cable - Pos. Battery	69 16 1
68-6340	Tube Kit	59 * 1	75-2080	Kit - Seal, Check	63 10 3
68-6340	Tube Kit	60 * 1	75-6700	Sensor - Magnetic	29 45 1
68-6350	Tube Assembly	59 51 1	75-7790	Handle	19 15 2
68-6350	Tube Assembly	60 51 1	75-8200	Hose Assembly	59 2 1
68-6360	Tube Assembly	59 30 1	75-8200	Hose Assembly	60 2 1
68-6360	Tube Assembly	60 30 1	75-8210	Hose Assembly	59 7 1
68-6370	Tube Kit	64 13 1	75-8210	Hose Assembly	60 7 1
68-6370	Tube Kit	65 13 1	76-2290	Spacer	19 19 2
68-6400	Oil Pan Assembly	44 15 1	76-3280	Pedal - Traction	1 2 1
68-6410	Gasket	44 9 1	76-3330	Spacer	2 62 1
68-6420	Plug	44 11 1	76-3340	Link	2 61 1
68-6430	Gasket	44 10 1	76-3350	Spacer	2 53 1
68-6440	Dipstick	44 14 1	76-3370	Bushing	2 58 1
68-6460	Kit - Relief Valve	56 32 2	76-3430	Rod	2 54 1
68-6480	Bushing	26 2 4	76-3470	Tube - Exhaust	22 8 1
68-6480	Bushing	27 23 6	76-3560	Clamp - Exhaust	22 41 1
68-7575	Strip - Sealing	19 12 3	76-8750	Plate - Caution	19 27 1
68-7810	Panel - Lining	7 48 1	77-3620	Knob - Retainer	18 10 2
68-7840	Strip - Foam	7 33 1	77-4830	Decal	4 5 1
68-7850	Strip - Foam	15 26 1	77-4840	Speedometer	8 4 1
68-8080	Wheel - Steering	4 3 1	80-3330	Gasket	20 13 1
69-1830	Plug Assembly	13 14 1	80-9330	Alarm - Audio	5 6 1
69-1940	Indicator - Electrical	45 12 1	82-2710	Screw	16 35 1
69-4240	Kit - Seal, Logic LC1	63 5 1	82-2720	Frame - Seat	16 23 1
69-4270	Kit - Seal, Logic LC2	63 13 1	82-2730	Kit - Wear Parts	16 4 1
69-4780	Clamp - Gauge	5 15 2	82-2740	Spring Set - Tension	16 5 1
69-6470	Bushing - Flange	32 22 4	82-2750	Spindle Adj. Assembly	16 34 1
69-8890	Cap - Spindle	32 19 2	82-2760	Kit - Bushing	16 41 1
69-9550	Plate - Pump Adapter	37 17 1	82-2770	Shock Absorber Assembly	16 38 1
69-9740	Switch	62 44 1	82-2790	Rail - Adjust. R.H.	16 21 1
69-9810	Ball Joint Assembly	32 8 1	82-2800	Cushion - Backrest	16 12 1
69-9880	Tire	32 27 2	82-2810	Switch Assembly	16 25 1
70-1240	Plug Assembly	56 3 2	82-2820	Swing Arm Assembly	16 20 1
70-2860	Bolt	39 1 4	82-2830	Clamp	16 37 2
70-3320	Bearing	53 8 1	82-2840	Cushion - Bottom	16 15 1

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82-2850	Plate	16 1 1	86-5990	Harness - Hyd. Filter	68 9 1
82-2860	Spring Set - Tension	16 33 1	86-6000	Gear Pump Assembly	54 15 1
82-2870	Lever - Adjust	16 7 1	86-6010	Cover - Front	58 4 1
82-2880	Weight Adj. Assembly	16 * 1	86-6020	Center S/A Section	58 8 1
82-2980	Cover - Plate	22 51 1	86-6030	Port Section - Rear	58 13 1
82-2990	Clamp - Tube	22 50 2	86-6040	O-Ring	58 15 1
82-4910	Roller	22 22 8	86-6050	Plug	58 16 1
82-5730	Rod Tie, End	35 17 1	86-6070	Plate - Wear	58 7 2
82-5740	Nut - Jam	35 16 1	86-6080	O-Ring Seal	58 12 2
82-5750	Nut - Lock	35 14 1	86-6090	Hydraulic Oil Filter Assembly	9 22 1
82-5760	Piston	35 13 1	86-6100	Switch - Filter Warning	9 21 1
82-5770	Rod	35 3 1	86-6110	Element Assembly	9 11 1
82-5780	Cap - Threaded	35 2 1	86-6120	Decal - Towing	23 15 1
82-5790	Head - Cap	35 6 1	86-6130	Stud - Ball	18 12 4
82-5800	Kit - Repair, Seal	35 * 1	86-6200	Guide - Valve	42 14 8
82-5890	Panel - Display	4 26 1	86-6210	Retainer - Upper	43 42 8
82-5930	Wire - Jumper	68 6 1	86-6220	Tappet	43 39 8
82-5940	Wire - Jumper	68 4 1	86-6230	Bolt	38 29 6
82-8700	Ring - Retaining	31 25 2	86-6240	Plug - Taper	38 28 3
82-9210	Shaft - Pivot	32 45 1	86-6250	Plate - Front	38 36 1
82-9230	Harness - Wire	68 1 2	86-6270	Gasket	41 24 1
82-9250	Stud - Threaded	23 1 2	86-6280	Crankshaft Assembly	41 25 1
82-9260	Tie Rod Assembly	33 38 1	86-6290	Idle Gear Assembly	39 9 1
82-9280	Disc - 22 Hole	29 42 1	86-6300	Bushing	39 18 1
82-9310	Panel - Display	4 25 1	86-6310	Gear - Injector Pump	39 15 1
82-9330	Bracket - Sensor	29 4 1	86-6320	Shaft	40 12 1
82-9340	Switch - Oil Level	15 10 1	86-6330	Pipe	40 17 1
82-9360	Rod - Latch	23 13 2	86-6340	Impeller	40 19 1
82-9370	Pad - Step	23 9 1	86-6350	Ring - Retaining	40 43 1
82-9620	Washer - Spring	16 26 2	86-6360	Washer	40 42 1
82-9630	Nut	16 27 2	86-6370	Spacer	40 41 1
82-9640	Screw	16 24 2	86-6380	Washer	47 34 3
82-9650	Nut	16 19 4	86-6390	Stud	47 36 3
82-9660	Washer	16 18 4	86-6400	Diode	51 21 1
82-9670	Nut	16 39 1	86-6400	Diode	69 24 1
82-9680	Rivet	16 2 2	86-6430	Rear Cover Assembly	53 12 1
82-9690	Screw	16 17 4	86-6440	Rectifier Assembly	53 13 1
82-9700	Screw	16 3 1	86-6450	Kit - Seal	58 * 1
82-9710	Trim - Bottom	16 22 1	86-6460	Bracket - Control Block	62 40 1
82-9720	Trim - Backrest	16 32 1	86-6470	Decal - RM4500D	18 31 2
82-9730	Wire - Jumper	68 5 2	86-6490	Decal - 4wd RH	7 * 1
82-9740	Wire - Jumper	68 7 1	86-6520	Switch - Temp. Warning	42 1 1
82-9750	Jumper Assembly	69 18 1	86-6560	Washer - Thrust	32 24 2
82-9760	Harness - Wiring Gauges	69 7 1	86-6570	Lever	22 20 1
82-9770	Harness - Wire	68 8 1	86-6580	Lever - RH	22 45 1
82-9780	Harness - Wire	68 3 1	86-6590	Lever - LH	22 28 1
82-9790	Harness - Wiring Valve	69 9 1	86-6610	Bolt - Inlet	49 18 1
82-9800	Harness - Wire	69 14 1	86-6620	Bolt	49 16 1
82-9810	Harness - Wiring Traction	69 10 1	86-6630	Seal - Rubber	49 15 1
82-9820	Harness - Wire	68 2 1	86-6640	Seal O-Ring	49 14 1
82-9840	Hose Assembly	60 16 1	86-6650	Bolt - Outlet	48 16 1
82-9841	Hose Assembly	59 11 1	86-6660	Joint	49 17 1
82-9841	Hose Assembly	60 11 1	86-6670	Tube - Fuel	49 19 1
82-9842	Hose Assembly	59 16 1	86-6680	Lever Assembly	48 * 1
82-9940	Harness - Wire Horn	69 12 1	86-6680	Nut	48 25 1
83-2720	Bolt - Wheel	32 29 10	86-6690	Lever	48 19 1
84-6210	Hydraulic Cylinder Assembly	27 28 3	86-6700	Bushing	48 18 1
84-6210	Hydraulic Cylinder Assembly	26 31 2	86-6710	Arm	48 20 1
84-6230	Hose Assembly	64 33 1	86-6720	Washer	48 22 1
84-6230	Hose Assembly	65 33 1	86-6730	Spring	48 21 1
84-6240	Hose Assembly	64 4 1	86-6740	Guide	48 23 1
84-6240	Hose Assembly	65 4 1	86-6750	Washer	48 17 2
84-6400	Orifice - .047 Dia.	13 39 2	86-6760	Guide	48 1 1
84-6401	Orifice - .052 Dia.	13 40 1	86-6770	Screw	48 24 1
84-6420	Plunger	13 37 2	86-6790	Washer	48 26 1
84-6430	Plunger	13 29 1	86-6800	Bolt	48 28 1
84-6440	Shield - Grass	30 20 1	86-6810	Pipe Assembly	48 29 1
84-6450	Spring	13 19 1	86-6820	Bolt	48 27 2
84-6470	Bracket - Filter	9 32 1	88-6760	Spring - Gas	18 17 2
84-6480	Plate - Decal	23 24 1	92-1753	Coupling - Spring Center	37 16 1
86-5480	Fitting - Diagnostic	54 2 1	92-2951	Rail - Adjust. L.H.	16 16 1

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92-2961	Fan	40 4 1	92-5677	Tube Assembly	61 20 1
92-2982	Control Block Assembly	61 29 1	92-5677	Tube Assembly	59 54 1
92-2986	Engine - Complete	38 * 1	92-5677	Tube Assembly	60 54 1
92-2987	R.O.P.S. Frame Assembly	17 17 1	92-5678	Foam - Top	18 36 1
92-3048	Coil Assembly	63 1 1	92-5679	Foam - Front	18 34 1
92-4703	Body - Lower	21 24 1	92-5680	Foam - Side RH	18 * 1
92-4712	Canopy - Front	18 32 1	92-5681	Foam - Side LH	18 30 1
92-4724	Hydraulic Motor Assembly	32 1 2	92-5682	Seal	7 23 1
92-4725	Hose - Hydraulic	61 15 1	92-5685	Harness - Wiring Main	69 17 1
92-4725	Hose - Hydraulic	7 34 1	92-5686	Hose - Hydraulic	36 6 1
92-4726	Tube Assembly	61 18 1	92-5686	Hose - Hydraulic	61 14 1
92-4726	Tube Assembly	59 14 1	92-5687	Hose - Hydraulic	61 30
92-4726	Tube Assembly	60 14 1	92-5688	Hose - Hydraulic	36 8 1
92-4727	Tube - Hydraulic	62 42 1	92-5688	Hose - Hydraulic	61 13 1
92-4728	Tube - Hydraulic	61 19 1	92-5689	Tube Assembly	61 6 1
92-4729	Radiator Assembly	19 20 1	92-5690	Tube Assembly	61 7 1
92-4730	Plate - Floor	2 40 1	92-5691	Hose - Hydraulic	61 3 1
92-4731	Pipe - Intake	45 17 1	92-5692	Bolt - U	61 9 2
92-4746	Fender - RH	7 38 1	92-5693	Bracket - Bulkhead	61 8 1
92-4748	Fitting - Hydraulic Tee	61 21 2	92-5694	Hose - Hydraulic	7 35 1
92-4748	Fitting - Hydraulic Tee	59 55 1	92-5694	Hose Assembly	59 15 1
92-4749	Hub - Wheel	32 26 2	92-5694	Hose Assembly	60 15 1
92-4751	Tube - Breather	7 16 1	92-5696	Fitting - Hydraulic 90°	61 25 2
92-4752	Hose - Intake	45 19 1	92-5697	Screw - Hex. Socket Hd.	40 45 4
92-4753	Strap - Oil Cooler	19 14 2	92-5698	Hose - Hydraulic	36 7 1
92-4754	Bracket - Cable	45 13 1	92-5698	Hose - Hydraulic	61 12 1
92-4754	Bracket - Cable	9 43 1	92-5699	Decal - 4wd LH	7 51 1
92-4755	Axle - Rear	32 23 1	92-6050	Guard - Hose	17 6 1
92-4760	Spacer - Fan	40 44 1	92-6051	Bracket - Bumper	17 11 2
92-4761	Chassis	22 29 1	92-6052	Bumper - Rear	17 5 1
92-4779	Housing - Motor LH	32 25 1	92-6057	Hydraulic Cylinder Assembly	32 12 1
92-4787	Housing - Motor RH	32 * 1	92-6058	Fitting	29 14 4
92-4793	Screen - Rear	18 6 1	92-6058	Fitting - Long	54 20 1
92-4795	Hose - Radiator Lower	19 3 1	92-6060	Strip - Sealing	18 39 1
92-4796	Hose - Radiator Upper	19 7 1	92-6062	Foam - Radiator Seal	19 13 1
92-4798	Shroud - Fan	19 24 1	92-6064	R-Clamp	21 14 3
92-4799	Fitting - Hydraulic Tee	61 17 1	92-6065	Shield	19 34 1
92-4799	Fitting - Hydraulic Tee	7 42 1	92-6069	Shield - Exhaust	21 27 1
92-4799	Fitting - Hydraulic Tee	54 4 1	92-6075	Bolt	34 8 4
92-5253	Strip - Sealing	18 7 1	92-6096	Case - Timing Gear	39 23 1
92-5256	Bushing - Universal	8 27 2	92-9200	Cover	15 18 1
92-5259	Piston Std.	42 19 4	92-9210	Lever Pump	1 28 1
92-5260	Piston .05 0.25mm	42 * 4	92-9211	Gauge - Temperature	8 5 1
92-5261	Piston .05 0.5mm	42 * 4	92-9220	Valve - Steering	4 6 1
92-5262	Piston Ring Set Std.	42 17 1	92-9221	Cable - Spring	2 39 1
92-5263	Piston Ring Set 0.5. 0.25mm	42 * 1	92-9222	Cable - Brake	9 13 1
92-5264	Piston Ring Set 0.5. 0.50mm	42 * 1	92-9225	Yoke Assembly	9 24 1
92-5265	Jet - Combustion Std.	42 29 4	92-9221	Cable - Spring	9 28 1
92-5266	Gasket - Cylinder Head	42 30 1	92-9228	Lever - Neutral Lock	2 36 1
92-5267	Cylinder Head Assembly	42 31 1	92-9245	Hose - Intake	19 25 1
92-5268	Engine Gasket Kit	38 * 1	92-9246	A-Frame	26 10 1
92-5269	Bellows	21 43 1	92-9253	Assembly - Relief Valve	55 23 1
92-5270	Baffle - Lower Body	18 18 1	92-9254	O-Ring	55 26 1
92-5273	Muffler	22 11 1	92-9255	O-Ring	55 24 1
92-5524	Decal	4 31 1	92-9256	Washer - Back Up	55 25 1
92-5652	Bracket - Gas Spring	18 38 2	92-9257	Kit - Seal Repair	55 * 1
92-5653	Ring - Clamp	21 42 1	92-9258	Fitting - Check Valve	11 77 3
92-5654	Panel - Clean Out	21 40 1	92-9259	Backplate/Relief Assy.	70 21 1
92-5655	Spacer	18 2 2	92-9260	Kit - Relief Valve	70 15 2
92-5656	Plate - Face, Instrument	8 3 1	92-9265	Housing - Thermostat	40 29 1
92-5657	Panel - Instrument	8 11 1	92-9266	Standpipe	21 4 2
92-5664	Hose - Hydraulic	36 13 2	92-9267	Sender - Fuel	21 8 1
92-5664	Hose - Hydraulic	33 47 2	92-9272	Hose - Fuel Fill	21 11 1
92-5665	Hose - Hydraulic	36 11 1	92-9273	Console - Center	7 7 1
92-5669	Harness - Switch	62 43 1	92-9283	Hose - Vent, Fuel	21 12 1
92-5670	Strip - Sealing	21 23 2	92-9284	Hose - Fuel, Suction	21 2 1
92-5671	Strip - Sealing	21 22 1	92-9285	Hose - Fuel, Return	21 1 1
92-5672	Support - Foam Top/Side	18 35 1	92-9289	Lift Arm No. 1	27 41 1
92-5673	Support - Foam Front	18 33 1	92-9290	No. 2 Lift Arm	26 12 1
92-5674	Neck - Fuel Fill	21 16 1	92-9291	No. 3 Lift Arm	26 1 1
92-5675	Grommet	21 18 1	92-9296	Lift Arm No. 4	27 24 1

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92-9730	Cap - End	6 16 1	218-498	Nut - Hex.	5 12 2
92-9732	Plate - Spacer	6 13 1	218-498	Nut - Hex.	8 13 2
92-9733	Screw - Cap	6 18 7	219-17	Bulb - Warning Light	5 * 8
92-9737	Plug - Retainer	6 21 2	2116-3	Joint - Ball LH	32 * 1
92-9747	Kit - End Cap	6 * 1	2116-4	Joint - Ball RH	32 34 1
92-9749	Kit - Seal	6 * 1	232-27	Valve - Stem	32 32 2
93-1402	Tank - Fuel	21 20 1	233-10	Knob	10 19 1
93-1405	Cartridge - Check Valve	63 11 3	233-25	Knob	9 15 1
93-1406	Cartridge - Logic, LC1	63 4 1	233-39	Knob	10 1 3
93-1407	Cartridge - Solenoid, S1	63 3 1	237-21	O-Ring	29 1 2
93-1408	Kit - Seal, Solenoid S1	63 2 1	237-21	O-Ring	10 11 1
93-1409	Cartridge - Logic, LC2	63 14 1	237-21	O-Ring	7 27 5
93-1410	Tube Kit	64 6 1	237-22	O-Ring	64 3 31
93-1410	Tube Kit	65 6 1	237-22	O-Ring	29 6 2
93-1412	Reel Motor Assembly	70 * 1	237-22	O-Ring	4 9 4
93-1413	Kit - Seal Repair	70 * 1	237-22	O-Ring	59 12 22
93-1420	Tray - Battery	19 41 1	237-22	O-Ring	54 18 4
93-1430	Clutch - Fan	40 3 1	237-22	O-Ring	26 27 2
93-1432	Valve - Lift Control	10 15 1	237-22	O-Ring	10 30 15
93-1434	Cluster - Warning Lights	5 1 1	237-22	O-Ring	27 38 3
93-1435	Cluster - Warning Lights	5 2 1	237-22	Seal - O-Ring	36 2 9
93-1445	Canopy - Center	18 43 1	237-22	Seal - O-Ring	61 4 6
93-3102	Cap - Fuel	21 17 1	237-22	Seal - O-Ring	32 10 4
93-3502	Pin - Pressure	46 10 4	237-22	Seal - O-Ring	7 39 2
93-3687	Bolt Set	52 14 1	237-30	O-Ring	54 23 1
93-6668	Decal - Battery (Europe)	19 42 1	237-30	O-Ring	54 35 1
93-6680	Decal - Diesel Fuel (Europe)	18 11 1	237-30	O-Ring	59 50 1
93-6681	Decal - Fan (Europe)	19 45 1	237-30	Seal - O-Ring	64 39 1
93-7252	Decal - CE Mark (Europe)	4 33 1	237-42	O-Ring	64 1 7
93-7276	Decal - Danger (Europe)	19 43 1	237-42	O-Ring	54 3 1
93-7331	Decal (Europe)	26 32 2	237-42	O-Ring	29 8 2
93-7331	Decal (Europe)	27 52 3	237-42	O-Ring	7 10 5
93-7752	Guard - Fan (Europe)	19 46 1	237-42	O-Ring	70 16 2
93-7767	Guard - Pulley (Europe)	47 39 1	237-42	O-Ring	26 25 2
93-7768	Coupling (Europe)	11 53 1	237-42	O-Ring	10 32 11
93-7790	Shield	8 31 1	237-42	O-Ring	11 61 1
93-7791	Bracket	8 30 1	237-42	O-Ring SAE	27 36 3
93-7792	Shield - Glow Plug Indicator	8 29 1	237-42	Seal - O-Ring	63 7 4
93-7793	Plate	8 28 1	237-42	Seal - O-Ring	61 28 1
93-8067	Decal - Hydraulic Oil (Europe)	15 23 1	237-58	O-Ring	29 15 4
93-9397	Decal - Ground Speed	4 * 1	237-58	O-Ring	54 21 3
93-9399	Decal - Noise (Europe)	4 5 1	237-58	Seal - O-Ring	61 22 8
93-9400	Decal - Towing (Europe)	23 15 1	237-65	O-Ring	24 2 3
93-9401	Decal - Test Points (Europe)	7 6 1	237-65	Seal - O-Ring	32 6 4
93-9402	Panel - Side, Control (Europe)	9 30 1	237-65	O-Ring	66 3 26
93-9403	Panel - Face, Instrument (Europe)	8 3 1	237-65	O-Ring	27 4 9
93-9404	Decal - Coolant (Europe)	18 1 1	237-65	Seal - O-Ring	36 23 8
93-9405	Decal - Tire Pressure (Europe)	22 17 2	237-65	O-Ring	54 7 1
93-9406	Decal - Hyd. Fill (Europe)	7 20 1	237-65	O-Ring	7 17 1
93-9407	Decal - Lift Lever (Europe)	7 26 1	237-65	O-Ring	10 45 9
93-9408	Decal - Warning (Europe)	7 32 1	237-65	Seal - O-Ring	61 1 4
93-9409	Decal - Latch (Europe)	3 6 1	237-65	Seal - O-Ring	36 20 2
93-9425	Decal - Danger (Europe)	7 52 1	237-78	O-Ring	10 27 1
93-9426	Decal - Danger	7 52 1	237-78	Seal - O-Ring	32 2 4
93-9427	Decal - 5 Blade Clip	4 34 1	237-78	Seal - O-Ring	61 32 1
94-8258	Strip - Foam	21 53 2	237-79	O-Ring	4 7 4
94-8265	Kit - Metering	14 * 1	237-79	O-Ring	54 25 3
94-8270	Bolt - Shoulder	21 50 4	237-79	O-Ring	11 58 2
94-8271	Hose - Hydraulic	32 7 2	237-79	Seal - O-Ring	61 16 3
94-8271	Hose - Hydraulic	36 14 2	237-79	Seal - O-Ring	7 36 1
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94-8272	Hose - Hydraulic	36 12 2	237-80	O-Ring	64 14 1
94-8275	Hydraulic Tube Assembly	36 21 1	237-80	O-Ring	54 37 1
94-8276	Hydraulic Tube Assembly	36 19 1	237-80	O-Ring	10 43 9
94-8277	Bracket - Bulkhead	36 17 1	237-80	O-Ring	7 46 1
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*Not Illustrated

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237-118	O-Ring	29 11 2	323-7	Screw - Cap Hex. Hd.	37 28 4
237-118	Seal - O-Ring	30 4 2	323-8	Screw - Cap Hex. Hd.	4 23 4
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237-123	O-Ring	10 39 1	323-9	Screw - Cap Hex. Hd.	19 37 1
237-141	Grommet	18 27 4	323-13	Screw - Cap Hex. Hd.	26 20 2
237-146	O-Ring	54 29 1	323-13	Screw - Cap Hex. Hd.	27 56 3
237-156	Seal - O-Ring	63 9 8	323-18	Bolt	29 16 4
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2412-7	Clamp Assembly	32 36 2	325-2	Screw - Cap Hex. Hd.	23 22 2
2412-31	Clip	9 12 1	325-5	Bolt	54 17 2
2412-42	Clamp - Hose	45 18 1	325-7	Bolt	26 11 1
2412-42	Clamp - Hose	21 19 2	325-8	Screw - Cap Hex. Hd.	2 50 1
2412-42	Clamp - Hose	19 26 2	325-9	Bolt	1 12 1
2412-74	Clamp-R	69 25 1	325-12	Screw - Cap Hex. Hd.	17 14 6
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2412-108	Clamp - Hose	21 3 5	3211-6	Screw - Cap Hex. Hd.	2 56 1
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252-71	Race - Thrust	30 14 1	3217-6	Nut - Hex.	61 37 4
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321-9	Screw - Cap Hex. Hd.	22 49 2	3234-5	Screw - Flange Hex. Hd.	15 2 6
321-11	Screw - Cap Hex. Hd.	11 71 2	3234-5	Screw - Flange Hex. Hd.	2 69 4
321-14	Screw - Cap Hex. Hd.	66 23 4	3234-11	Screw - Hex. Flange Hd.	19 18 2
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322-4	Screw - HH	19 44 4	3250-25	Screw - Pan Hd.	18 20 4
322-4	Screw - Cap Hex. Hd.	18 44 4	3250-31	Screw - Pan Hd.	18 25 8
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322-9	Bolt	10 29 1	3253-3	Washer - Lock	9 6 1
322-12	Bolt	27 1 4	3253-3	Washer - Lock	18 46 4
322-12	Bolt	10 7 4	3253-4	Washer - Lock	19 2 6
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3253-4	Washer - Lock	61 34 7	3274-68	Screw - Hex. Button Hd.	4 28 4
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3253-5	Washer - Lock	29 17 4	3274-89	Bolt	1 25 1
3253-5	Washer - Lock	4 22 4	3274-90	Screw	8 23 4
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3253-5	Washer - Lock	9 37 3	3285-11	Pin - Spirol	23 10 2
3253-5	Washer - Lock	27 50 2	3289-25	Screw - Socket Flat Hd.	17 16 4
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3253-7	Washer - Lock	37 20 2	3290-271	Rivet - Pop	19 28 2
3253-7	Washer - Lock	23 23 2	3290-355	Clip - Retaining	15 1 1
3253-15	Washer - Lock	15 7 6	3290-355	Pin - Hair Cotter	18 8 2
3253-15	Washer - Lock	21 7 5	3290-357	Nut - Lock	26 8 2
3253-19	Washer - Lock	12 13 2	3290-378	Cable - Tie	9 38 1
3253-21	Washer - Lock	36 5 2	3290-378	Tie - Cable	62 * 1
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3255-8	Washer - Lock	37 24 2	3290-379	Tie - Cable	69 2 4
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3255-24	Washer - Lock	1 30 2	3290-482	Washer	1 17 2
3256-3	Washer	27 12 2	3290-483	Washer	1 11 3
3256-3	Washer - Flat	7 54 2	3296-2	Nut - Hex.	5 16 2
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3256-3	Washer - Flat	18 45 4	3296-8	Nut - Lock	11 68 2
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3256-13	Washer - Flat	12 20 2	3296-19	Nut - Lock	2 37 1
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3256-22	Washer - Flat	9 7 1	3296-23	Nut - Lock	32 33 8
3256-22	Washer - Flat	7 49 16	3296-25	Nut - Lock	2 55 1
3256-22	Washer - Flat	11 70 2	3296-25	Nut - Hex. (Europe)	33 49 8
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3256-23	Washer - Flat	24 6 2	3296-29	Nut - Lock	21 13 4
3256-23	Washer - Flat	10 13 5	3296-29	Nut - Lock	18 14 9
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3256-23	Washer - Flat	9 39 8	3296-29	Nut - Lock	2 67 1
3256-23	Washer - Flat	21 48 2	3296-39	Nut - Lock	17 10 12
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3256-27	Washer - Flat	29 41 16	32103-3	Nut - Wing	71 4 1
3256-45	Washer - Flat	2 57 2	32105-12	Screw - Cap Hex. Hd.	5 14 2
3256-51	Washer - Flat	18 28 8	32107-11	Nut - Square	20 5 2
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3258-19	Screw - Machine	20 6 2	32128-21	Nut - Hex.	37 31 8
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340-7	Fitting	10 44 6	340-80	Adapter	9 26 1
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340-8	Fitting	54 8 1	340-86	Fitting - Hydraulic Tee	11 52 2
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340-9	Fitting	54 22 1	340-88	Fitting - Hydraulic Straight	61 31 1
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340-14	Fitting - Hydraulic 45°	61 2 1	340-90	Fitting	29 43 2
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*Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Reelmaster 4500D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the center console near the floor plate on RH side. In any correspondence concerning the Reelmaster 4500D, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial number of the Reelmaster 4500D.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

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European Parts Kit No. 93-7751 contains all of the individual parts on the preceding pages designated as Europe.

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MAINTENANCE RECORD

[illegible]

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.