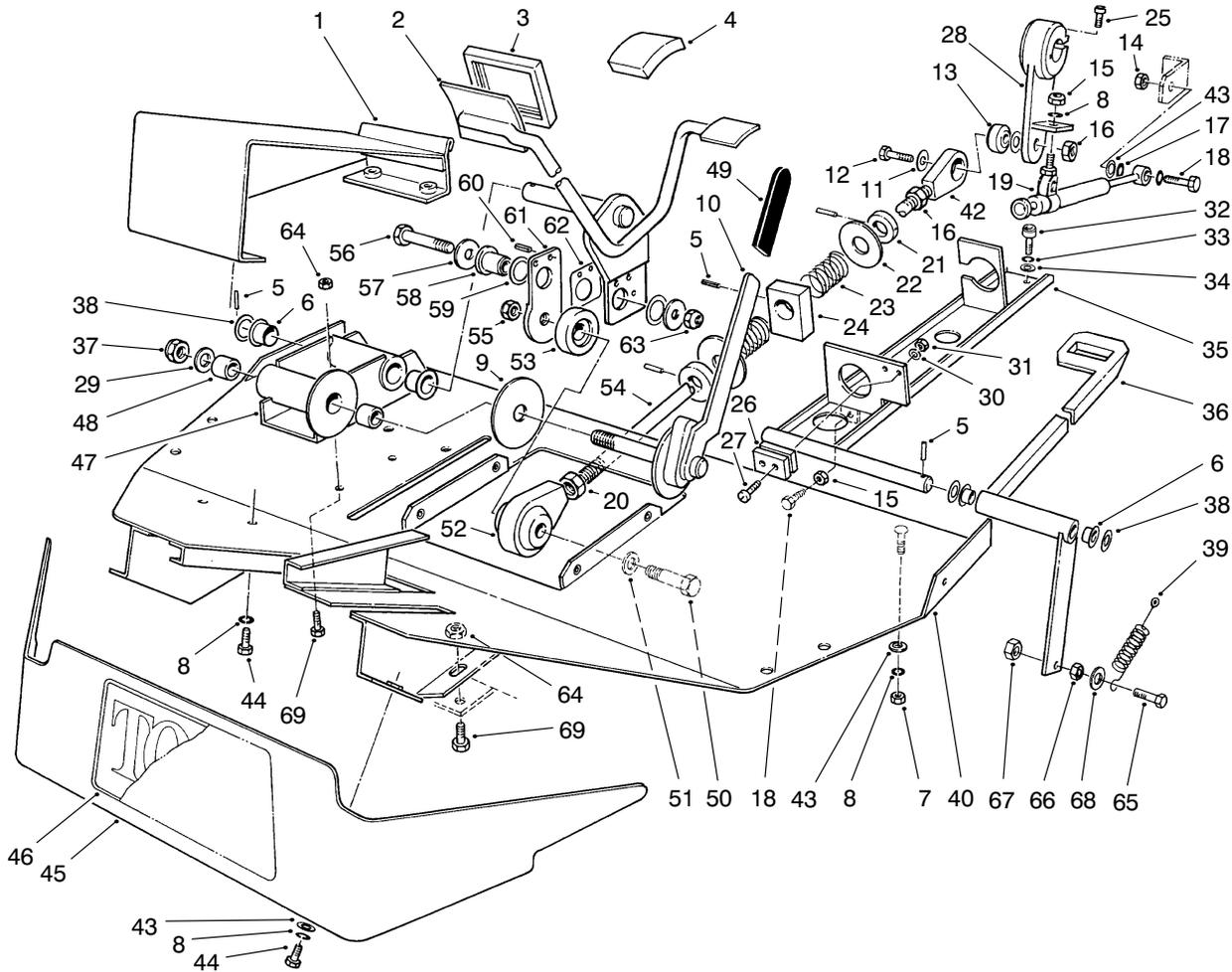




MODEL NO. 03702-60001 & UP
MODEL NO. 03702TE-60001 & UP

PARTS CATALOG

REELMASTER® 4500D 2wd
Traction Unit

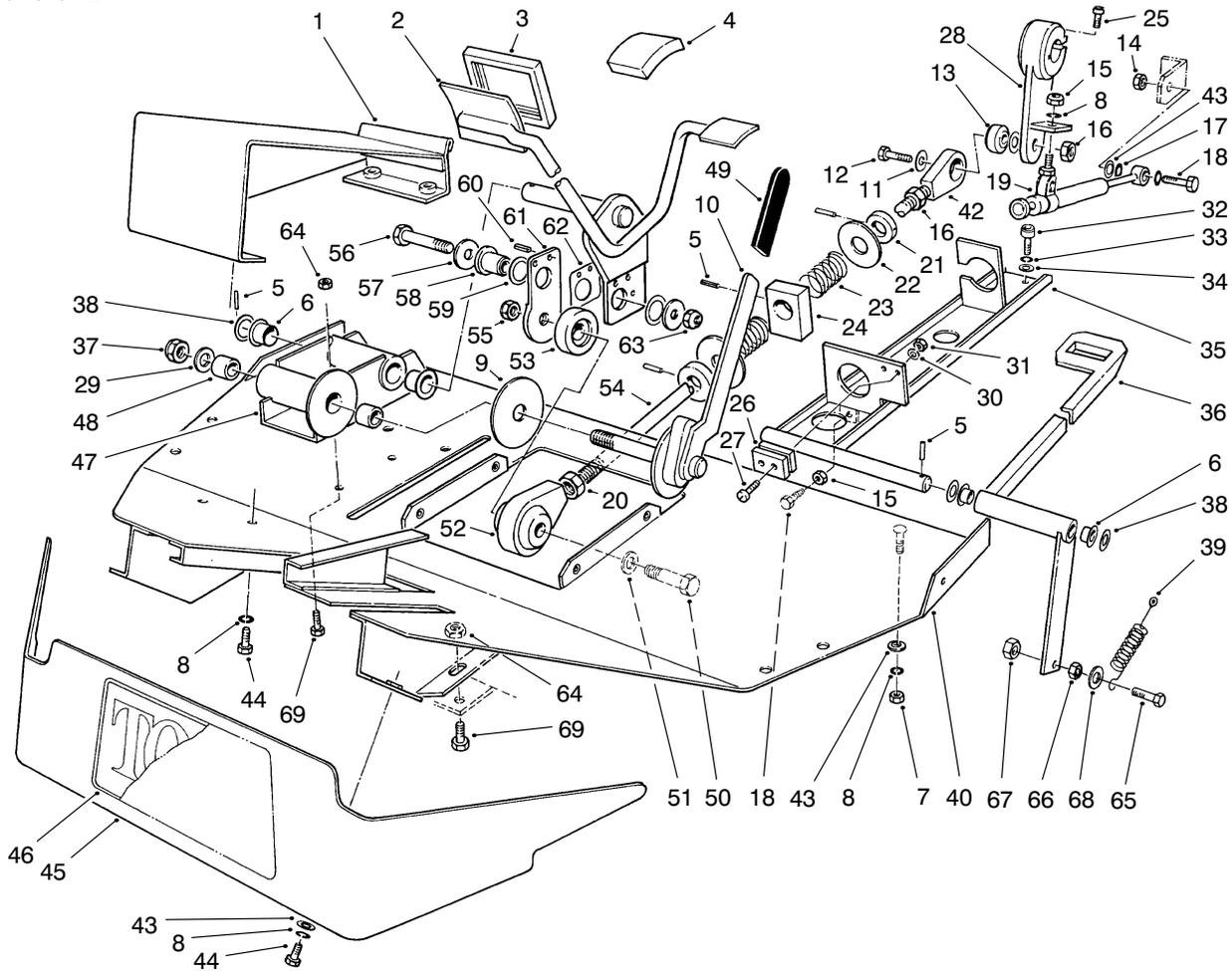


T-0113A

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	42-9850	Washer - Lock	11
9	3-2858	Disc - Friction	1
10	60-1130	Lever	1
11	3290-483	Washer	3
12	325-9	Screw - HH	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	60-6760	Screw	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	Screw - Socket Head	1
26	29-6163	Switch	2
27	3250-40	Screw - Slotted Pan Head	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	Screw - Socket Head	2

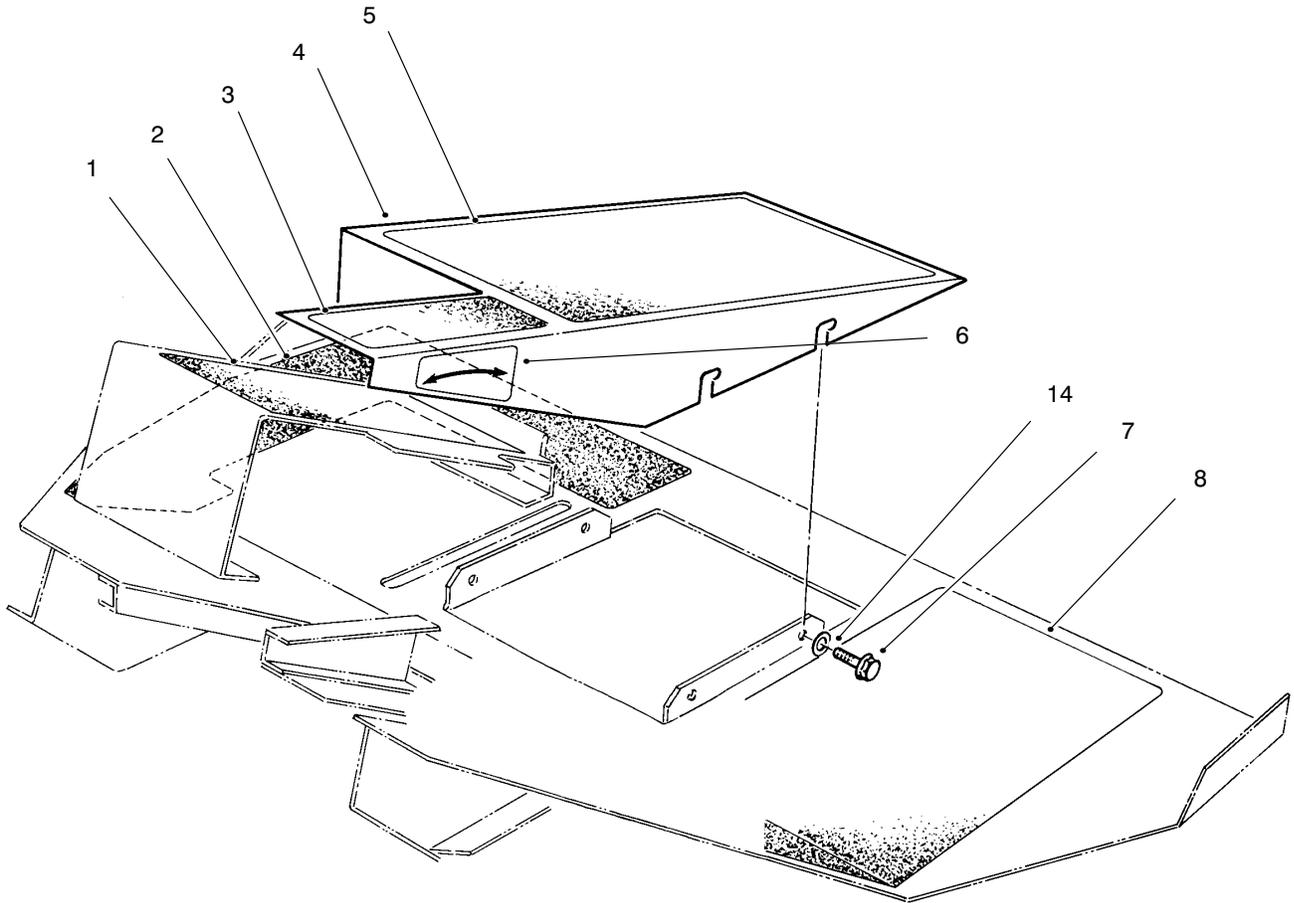


T-0113A

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	Screw	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 - HH	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 - HH	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 - HH	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



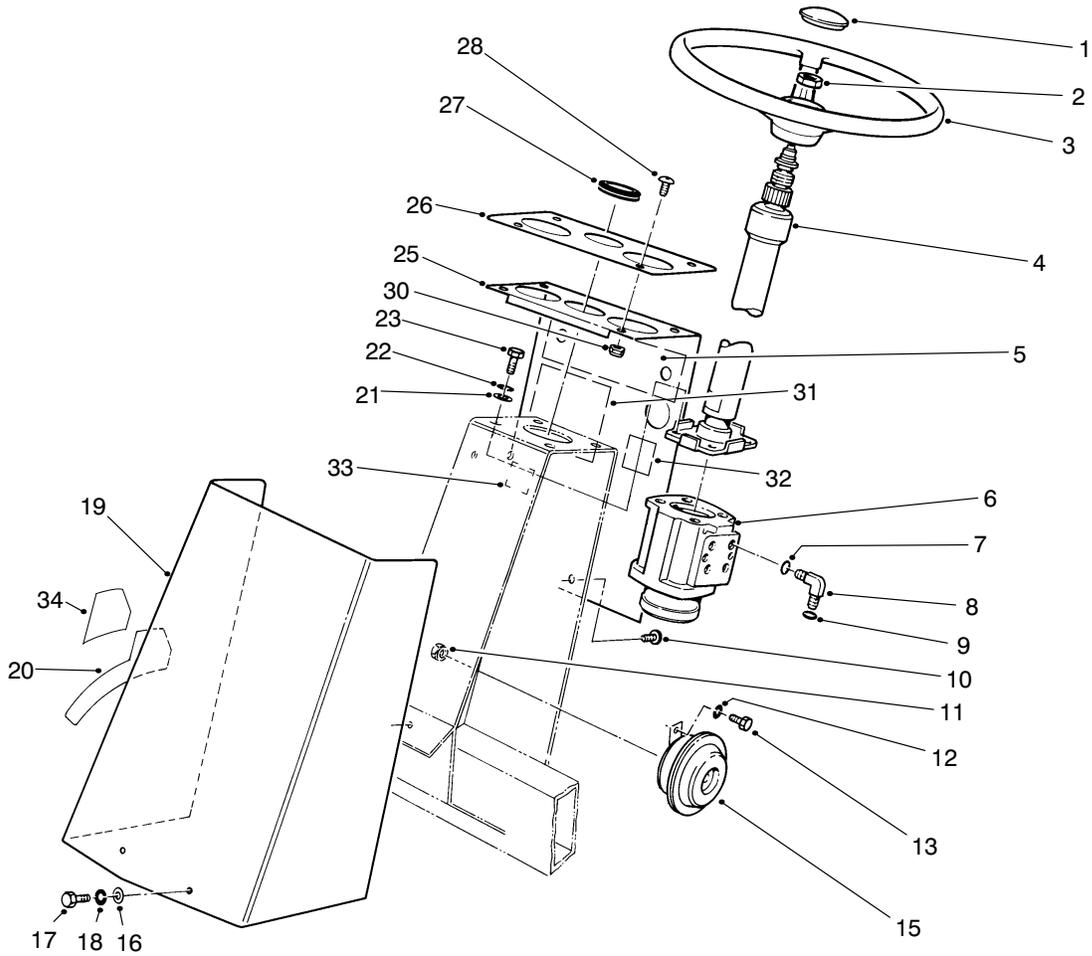
T-0114

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	Asm-Foot Rest	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	Screw	3
8	58-6620	Foot Pad - L.H.	1
14	3256-16	Washer - Flat	3

†Obtain Locally



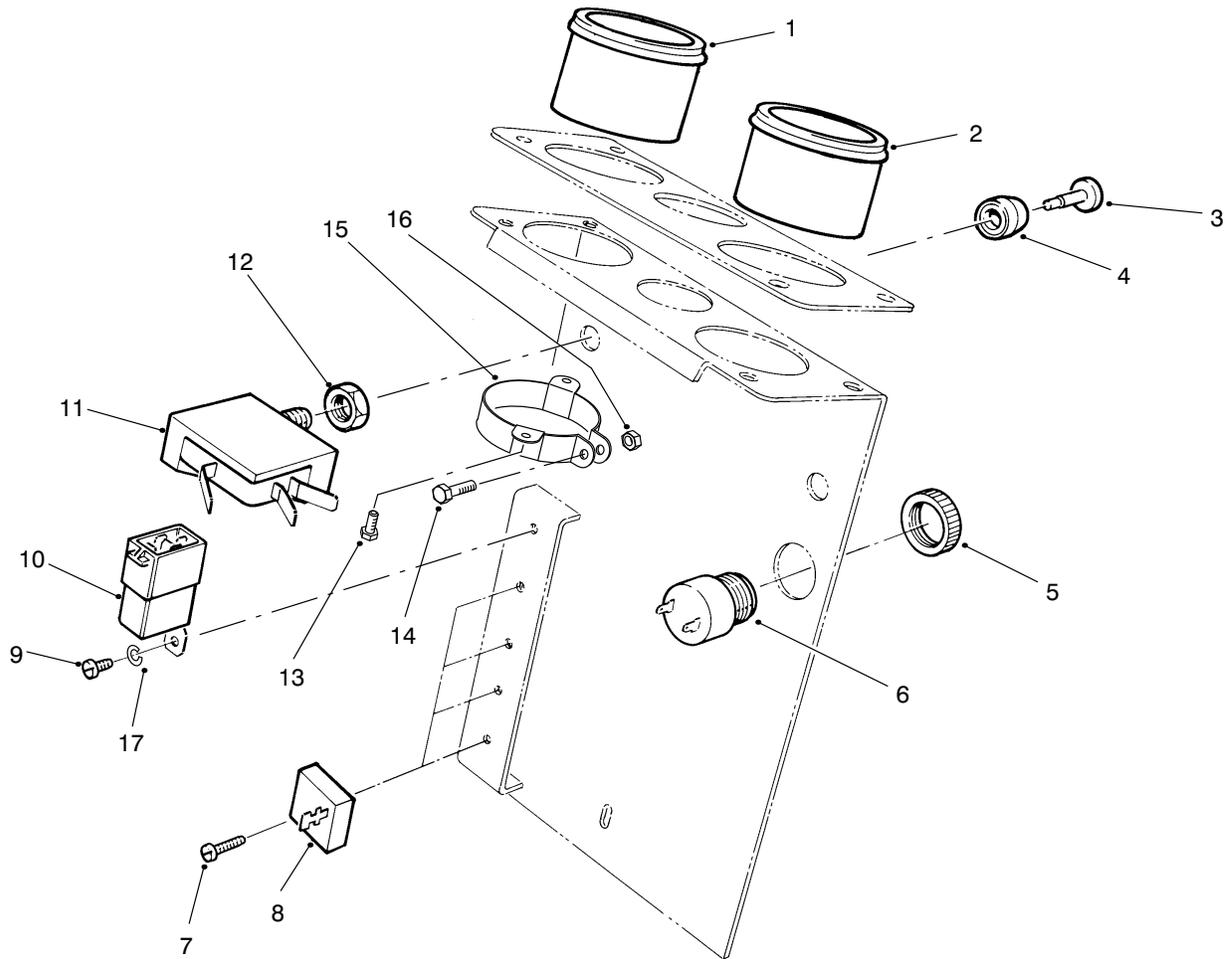
T-0115B

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 - HH	1
15	48-4590	Horn	1
16	48-8010	Washer	2
17	48-7610	Screw - HH	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 - HH	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	1
33	93-7252	Decal - CE Mark	1
34	93-9427	Decal - 5 Blade Clip (For use on 5 Blade Reels) (Europe)	1

*Not Illustrated



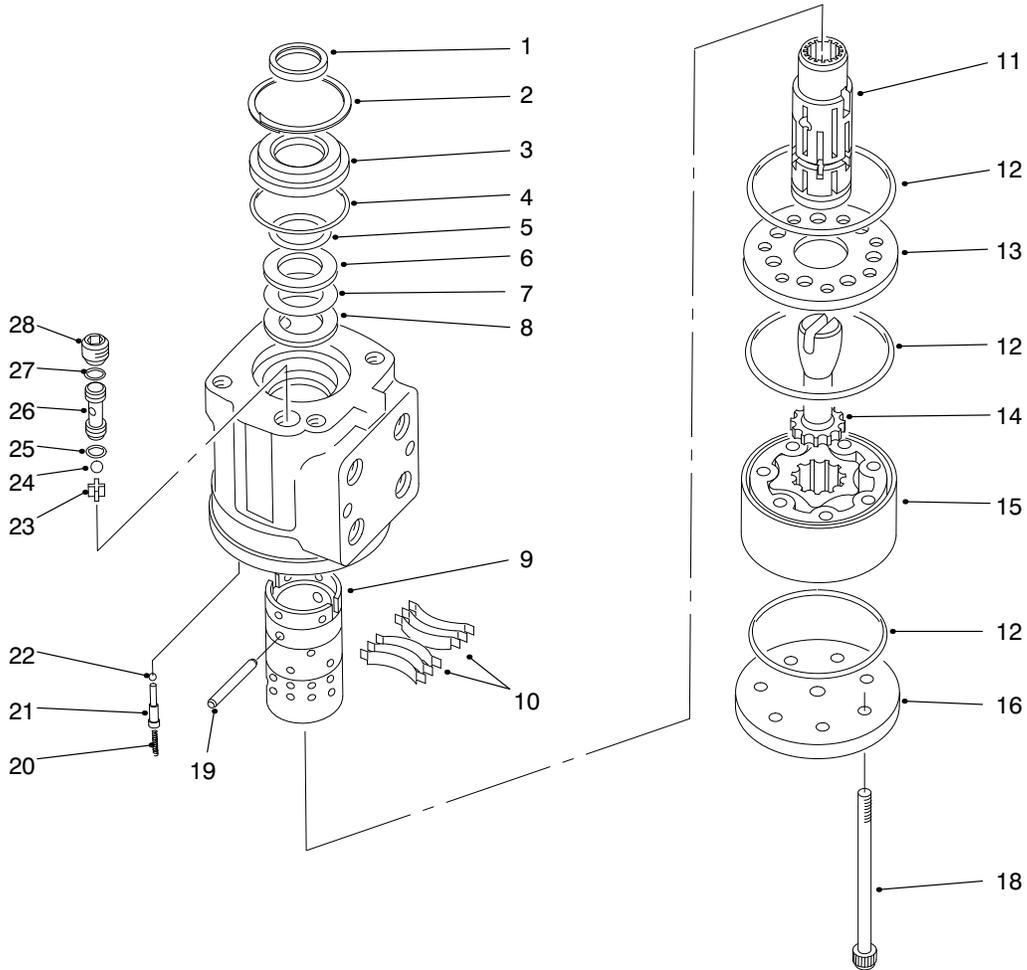
T-0122A

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	94-8288	Switch	2
3	43-6280	Button - Push	2			(Incl. Ref #3, 4, &12)	2
4	43-6420	Bezel - Locking	2	12	218-498	Nut - Hex.	2
†5		Nut	1	13	32144-19	Screw - HH	4
6	80-9330	Alarm - Audio (Incl. Ref. #5)	1	14	32105-12	Screw - HH	2
7	3251-4	Screw - Pan Hd.	4	15	69-4780	Clamp - Gauge	2
8	37-7600	Rectifier	4	16	3296-2	Nut - Hex.	2
9	3251-1	Screw - Pan Hd.	1	17	3253-2	Washer - Lock	1
				*	219-17	Bulb - Warning Light	8

†Not Serviceable Separately

*Not Illustrated



T-1065

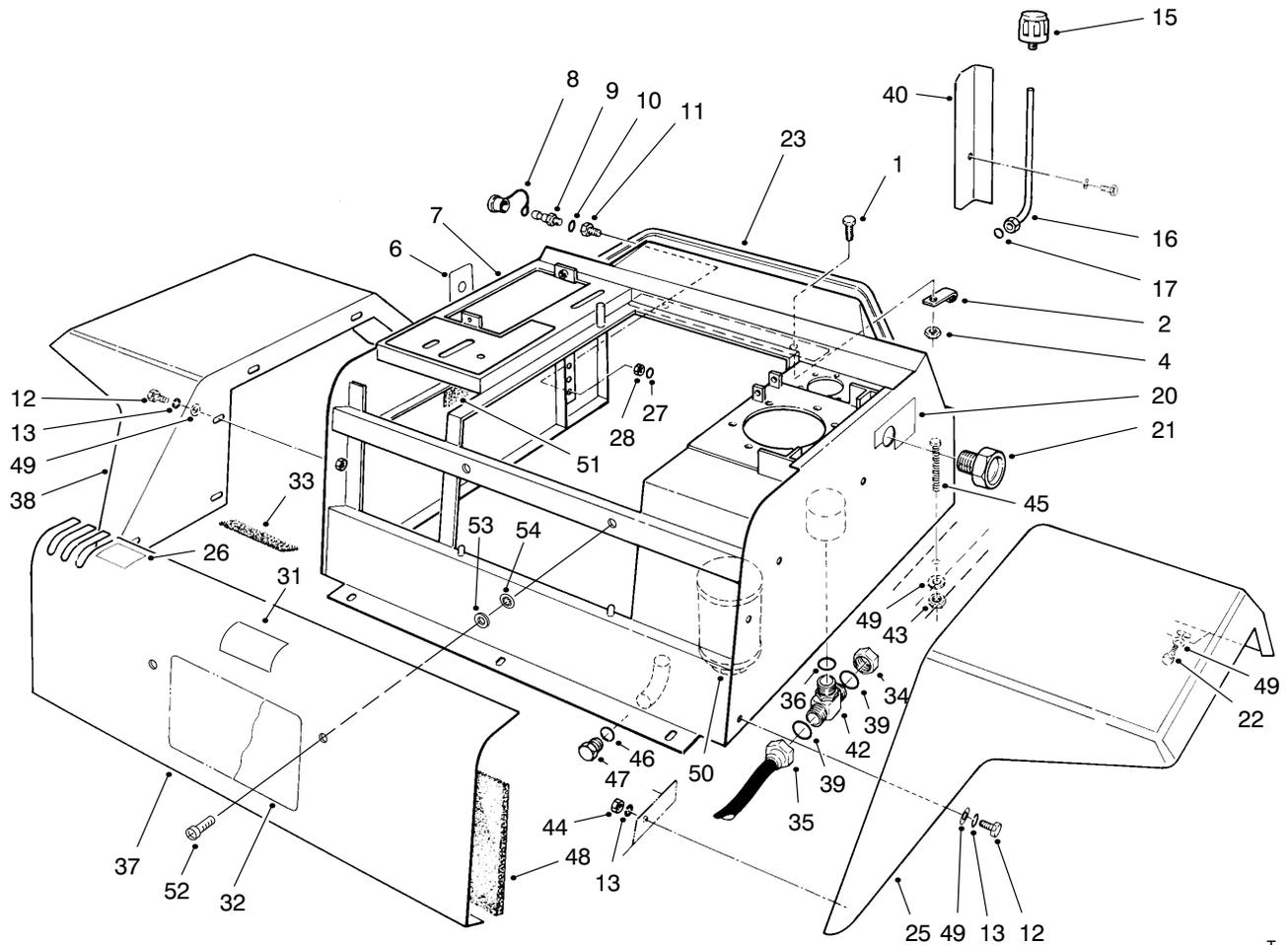
POWER STEERING VALVE ASSEMBLY NO. 92-9220

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 - HH	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

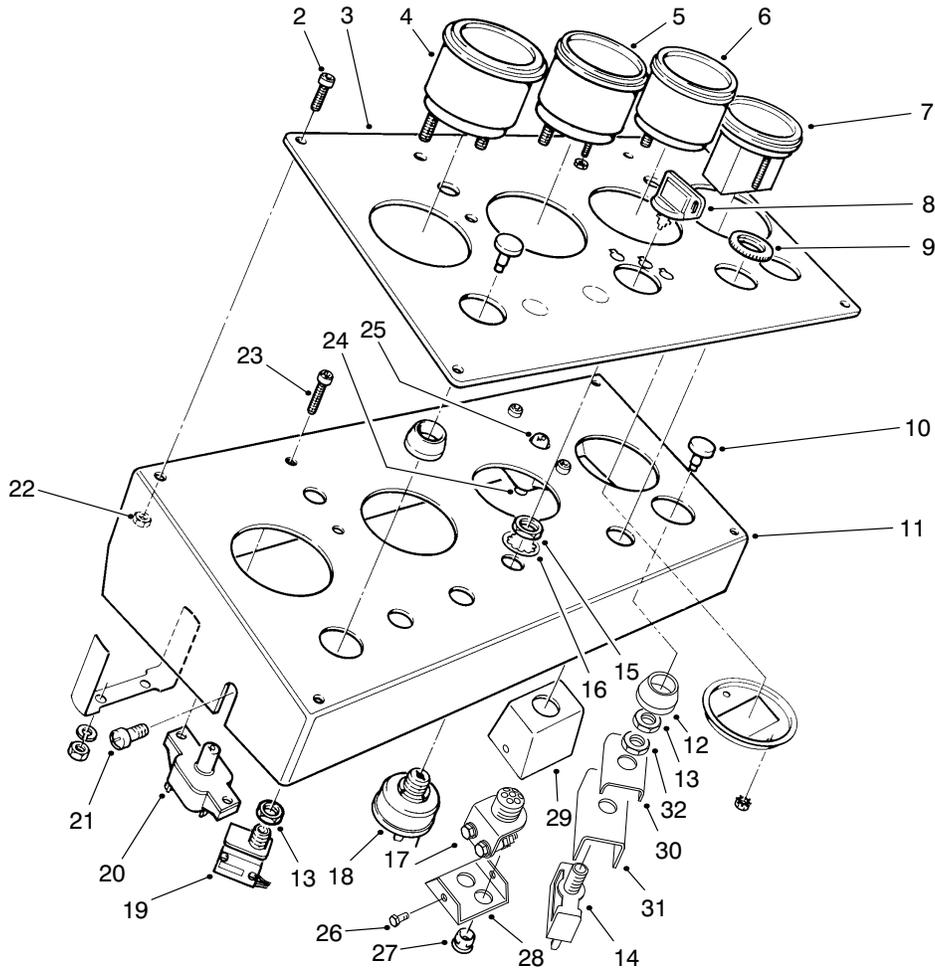
†Not Serviceable Separately



T-0118C

FENDERS & CENTER CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	321-3	Screw - HH	2	31	93-9426	Decal - Danger	1
2	2412-106	Clamp - R	2	31	93-9425	Decal - Danger (Europe)	1
4	3296-42	Nut - Lock	2	32	58-6540	Decal - Operator Warning	1
6	58-6680	Panel - Test Ports	1	32	93-9408	Decal - Warning (Europe)	1
6	93-9401	Decal - Test Ports (Europe)	1	33	68-7840	Strip - Foam	1
7	92-9273	Console - Center	1	34	340-117	Cap - Hydraulic	1
8	353-947	Cap - Dust	5	35	92-5694	Hose - Hydraulic	1
9	59-7410	Fitting - Diagnostic (Incl. Ref. #10)	5	36	237-79	O-Ring	1
10	237-42	O-Ring	5	37	58-1750	Panel - Access	1
11	58-6580	Fitting (Incl. Ref. #27 & 28)	5	38	92-4746	Fender - RH	1
12	48-7620	Screw	10	39	237-22	O-Ring	2
13	43-5930	Washer - Lock	12	40	60-2020	Shield - Heat	1
15	68-6150	Breather	1	42	92-4799	Fitting - Hydraulic Tee (Incl. Ref. #36 & 39)	1
16	92-4751	Tube - Breather	1	43	3296-42	Nut - Lock	2
17	237-65	O-Ring	1	44	48-7890	Nut	10
20	59-7290	Decal - Hyd. Fill	1	45	321-24	Screw - HH	2
20	93-9406	Decal - Hyd. Fill (Europe)	1	46	237-80	O-Ring	1
21	58-5940	Sight Glass	1	47	58-9160	Asm-Drain Plug (Incl. Ref. #46)	1
22	48-6900	Screw - Self-Tap	4	48	68-7810	Panel - Lining	1
23	92-5682	Seal	1	49	3256-22	Washer - Flat	16
25	58-0980	Fender - LH	1	50	48-7120	Element - Suction	1
26	62-6290	Decal - Lift Lever	1	51	92-6081	Foam - Dampener	1
26	93-9407	Decal - Lift Lever (Europe)	1	52	3250-36	Screw - Phil. Hd.	2
27	237-21	O-Ring	5	53	3256-3	Washer - Flat	2
28	3220-11	Nut - Hex.	5	54	32151-72	Ring - Retaining	2

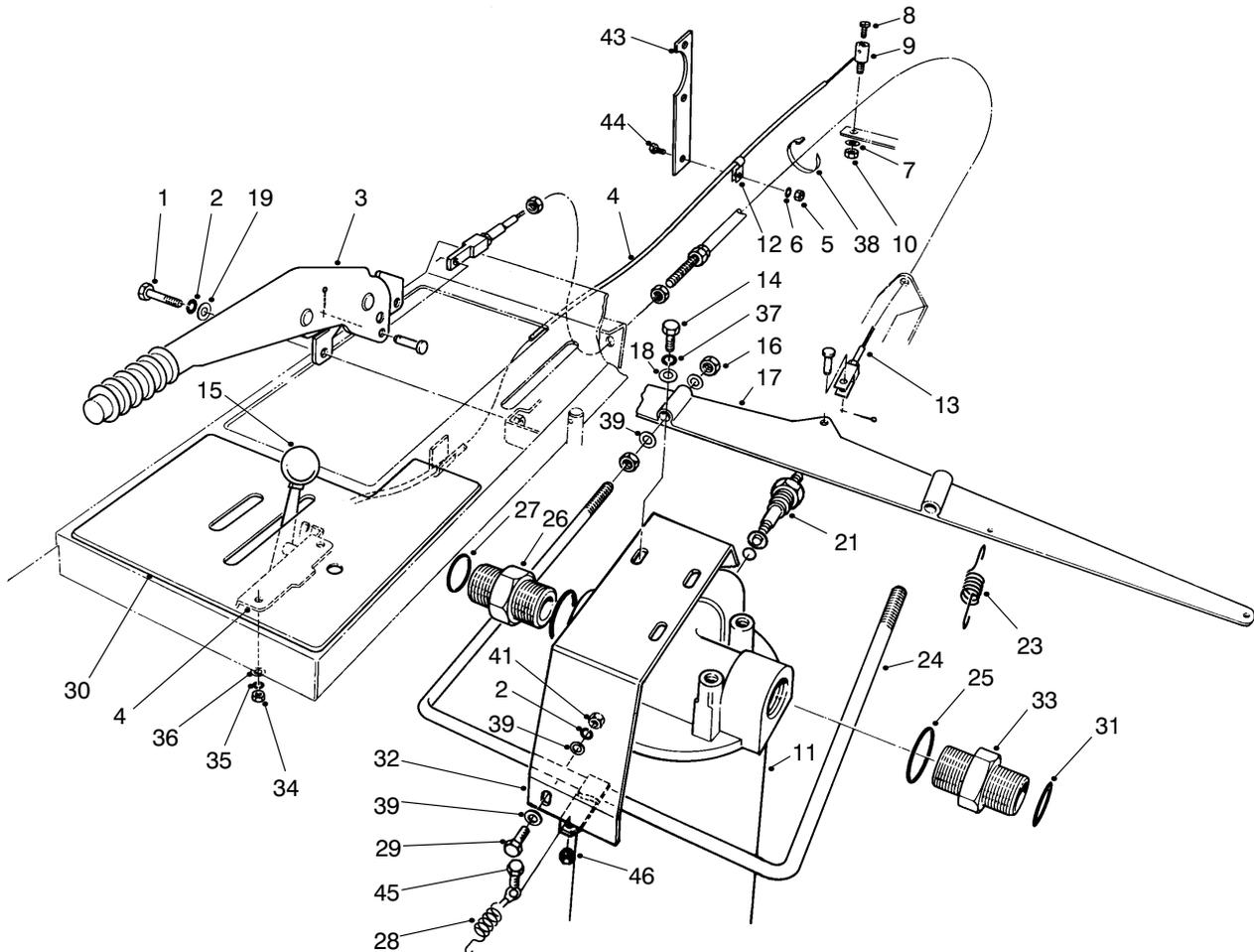


T-1210-3

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	Asm-Key Switch (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 - HH	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	94-8290	Switch - Glow Plug (Incl. Ref. #10, 12, & 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

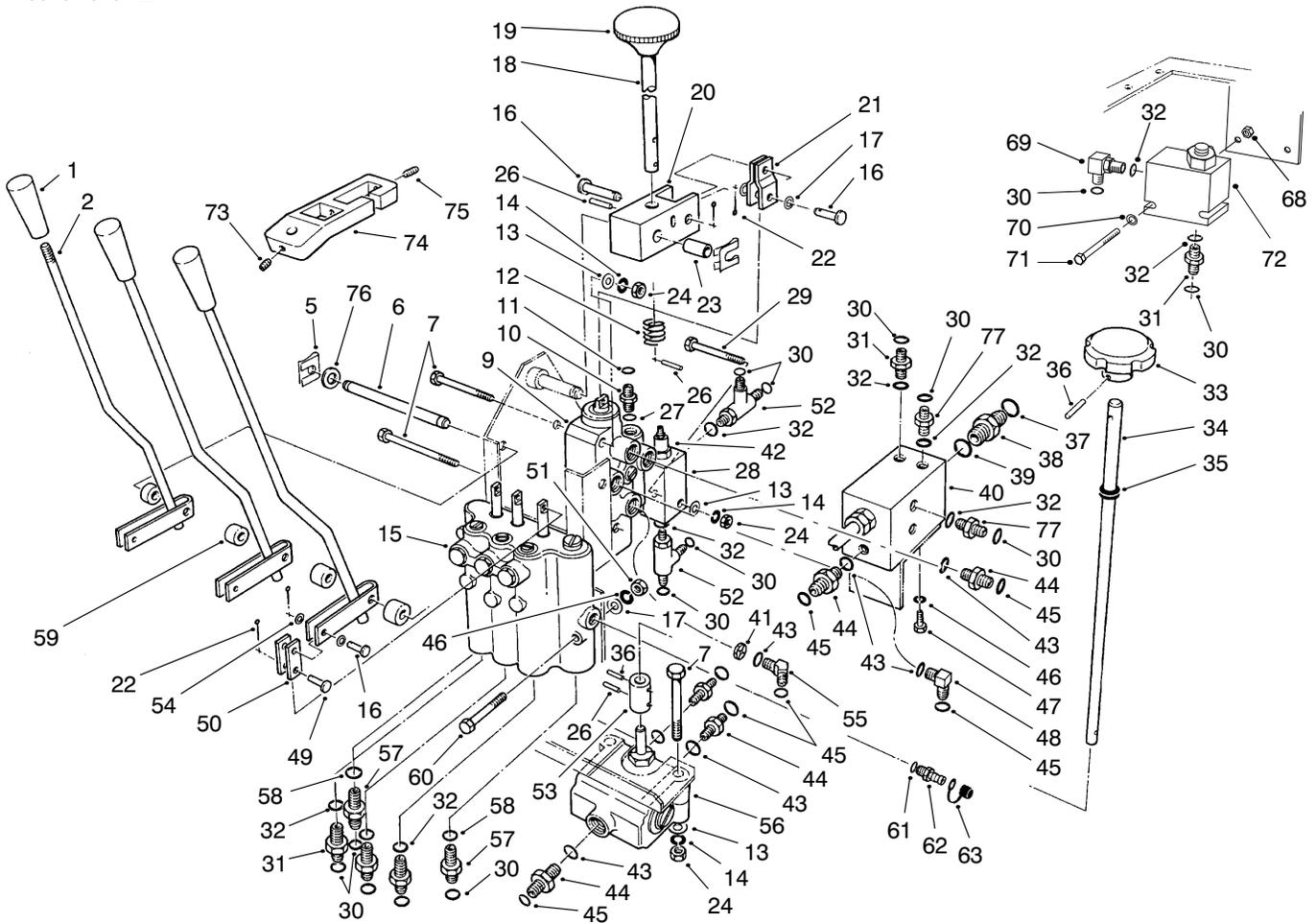


0120A

PARKING BRAKE, THROTTLE & OIL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-9230	Screw - HH	2	25	237-123	O-Ring	2
2	42-9850	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	Asm-Throttle (Incl. Ref. #15)	1	28	92-9221	Cable - Spring	1
5	3217-5	Nut - Hex.	1	29	322-6	Screw - HH	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	Asm-Element	1	34	48-7880	Nut - Hex.	2
12	2412-31	Clip	1	35	43-5920	Washer - Lock	2
13	92-9222	Cable - Brake	1	36	52-6430	Washer	2
14	323-4	Screw - HH	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 - HH	1
21	86-6100	Switch - Filter Warning	1	45	11-9030	Bolt - Shoulder	1
22	86-6090	Asm-Hydraulic Oil Filter (Incl. Ref. #11 & 21)	1	46	3296-42	Nut - Lock	1
23	60-2140	Spring	2				
24	92-9225	Asm-Yoke	1				

†Do Not Substitute



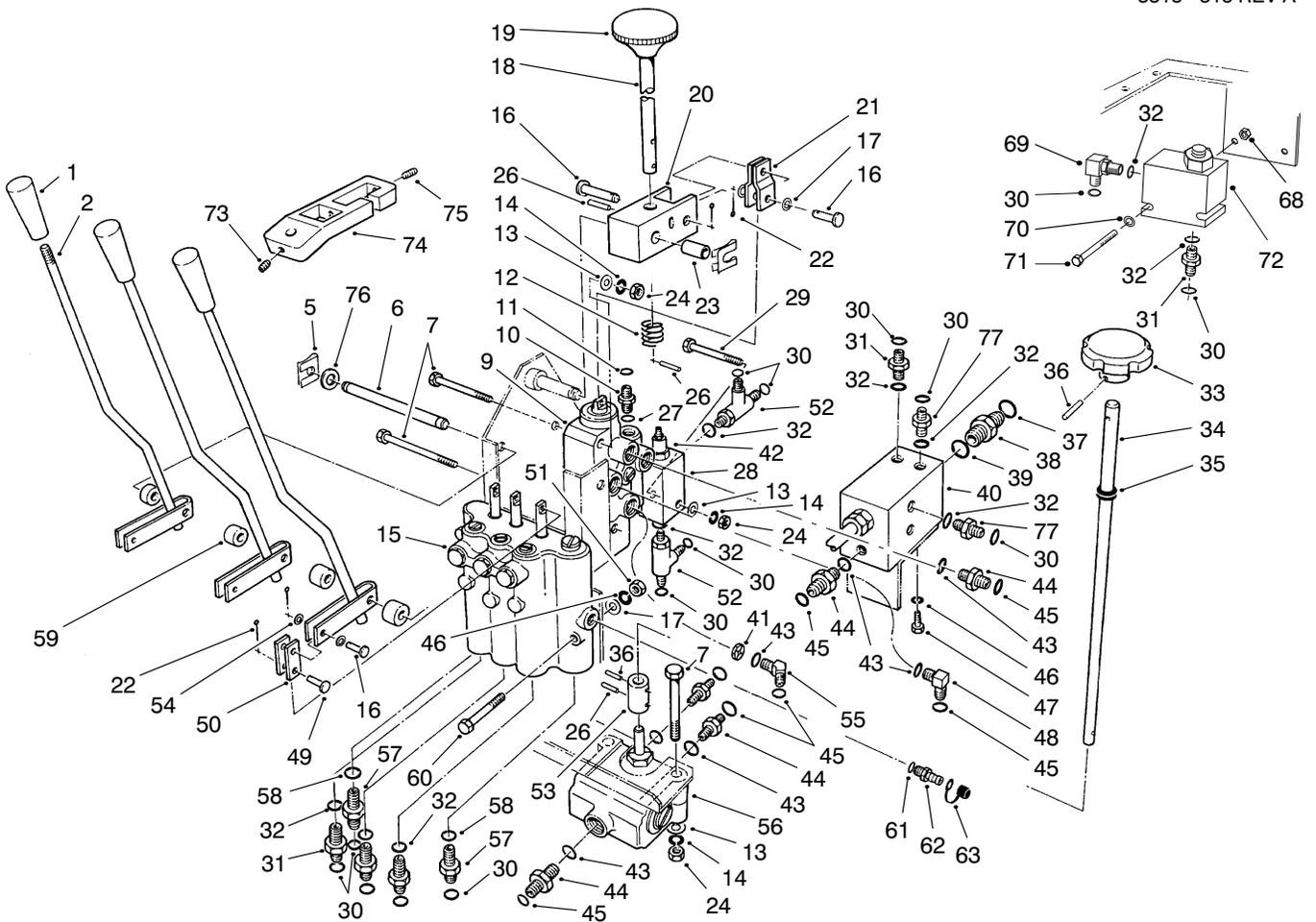
T-0121-3

VALVE CONTROLS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-39	Knob	3
2	74-3190	Lever - Lift	3
5	60-5690	Clip - Safety	3
6	58-1520	Pin - Pivot	1
7	322-12	Screw - HH	4
9	63-4800	Valve - Control	1
10	340-92	Fitting (Incl. Ref. #11 & 27)	1
11	237-21	O-Ring	1
12	58-7190	Spring	1
13	3256-23	Washer - Flat	5
14	3253-4	Washer - Lock	5
15	93-1432	Valve - Lift Control	1
16	58-3830	Pin - Clevis	5
17	48-8010	Washer	4
18	58-4450	Lever	1
19	233-10	Knob	1
20	58-4460	Clevis	1
21	58-1570	Link	2
22	3272-1	Pin - Cotter	8
23	60-0550	Bushing	1
24	3217-6	Nut - Hex.	5
26	32121-118	Pin - Roll	2
27	237-78	O-Ring	1
28	58-5520	Valve (Incl. Ref. #42)	1

Ref. No.	Part No.	Description	No. Used
29	322-9	Screw - HH	1
30	237-22	O-Ring	15
31	340-2	Fitting (Incl. Ref. #30 & 32)	5
32	237-42	O-Ring	11
33	59-7130	Knob	1
34	58-1510	Shaft	1
35	59-7910	Grommet	1
36	60-2110	Pin - Spirol	2
37	340-64	O-Ring	1
38	340-80	Fitting (Incl. Ref. #37 & 39)	1
39	237-123	O-Ring	1
40	58-2150	Manifold	1
41	66-5410	Orifice	1
42	†	Cartridge - Pressure Relief	1
43	237-80	O-Ring	9
44	340-7	Fitting (Incl. Ref. #43 & 45)	6
45	237-65	O-Ring	9
46	43-5930	Washer - Lock	4
47	48-7620	Screw	2
48	340-17	Fitting (Incl. Ref. #43 & 45)	2
49	58-3810	Pin - Clevis	3
50	58-1560	Link	6

†Not Serviceable Separately.

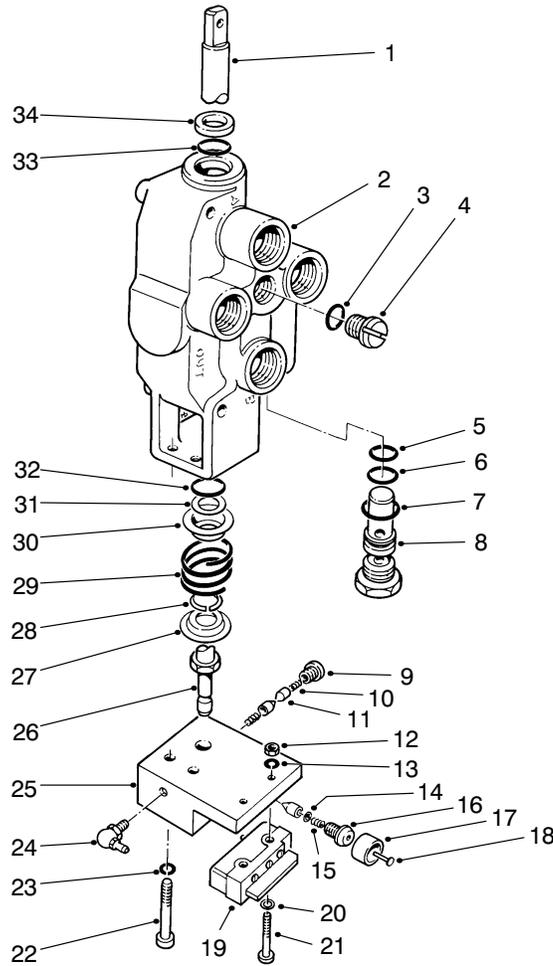


T-0121-3

VALVE CONTROLS ASSEMBLY (Continued)

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

*Not Illustrated



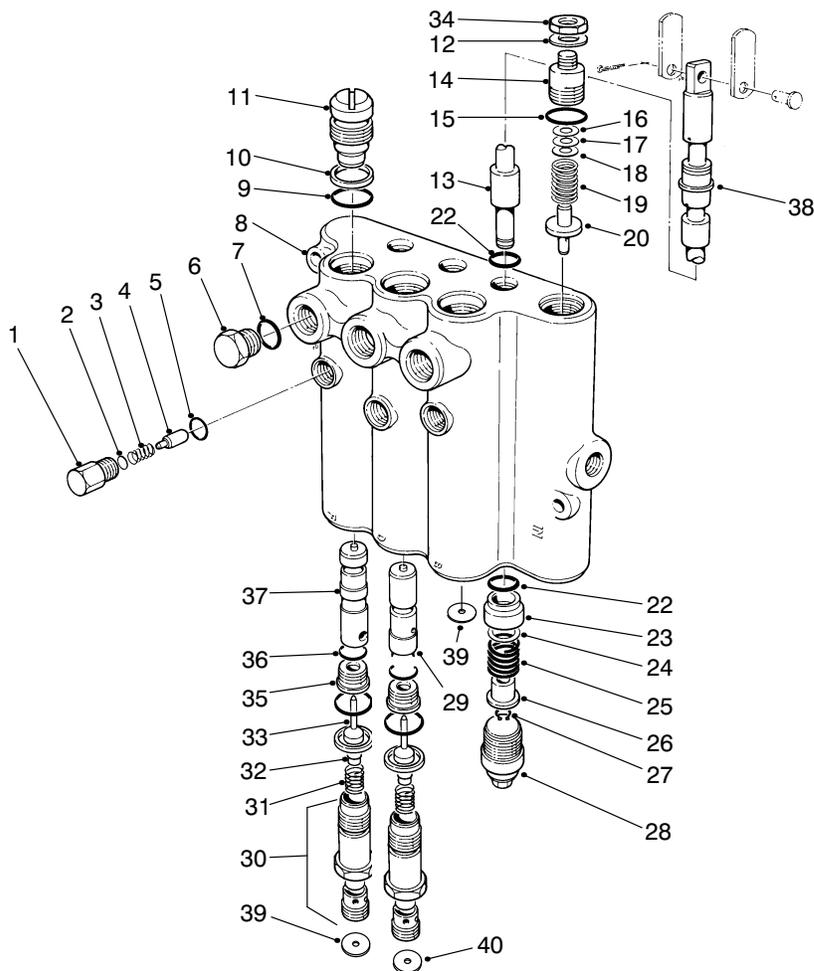
T-0123

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 (Incl. Ref. #3)	1	22	63-4830	Screw - HH	2
5	63-4440	O-Ring	1	23	59-8070	Washer - Lock	2
6	59-7860	Washer - Backup	1	24	302-66	Fitting - Grease	1
7	42-1260	O-Ring	1	25	63-4820	Detent - Block	1
8	63-4780	Valve - Relief (Incl. Ref. #5-7)	1	26	63-4840	Spool - Screw	1
9	59-8060	Plug - Detent	1	27	59-8100	Washer - Shallow	1
10	59-8050	Spring - Detent	2	28	59-8170	Washer - Wire	1
11	59-8150	Pawl - Detent	3	29	59-8040	Spring	1
12	66-5440	Nut - Lock	2	30	59-8080	Washer - Deep	1
13	3253-19	Washer - Lock	2	31	59-8180	Washer	1
14	63-4860	Circlip	1	32	59-7780	O-Ring	1
15	63-4510	Spring	1	33	59-8120	O-Ring	1
16	59-8230	Plug	1	34	59-8190	Wiper	1
17	66-5420	Sleeve	1	*	59-8250	Kit - Seal (Incl. Ref. #3, 4-7, 32 & 34)	1
18	63-4850	Plunger	1				

*Not Illustrated

†Not Serviceable Separately



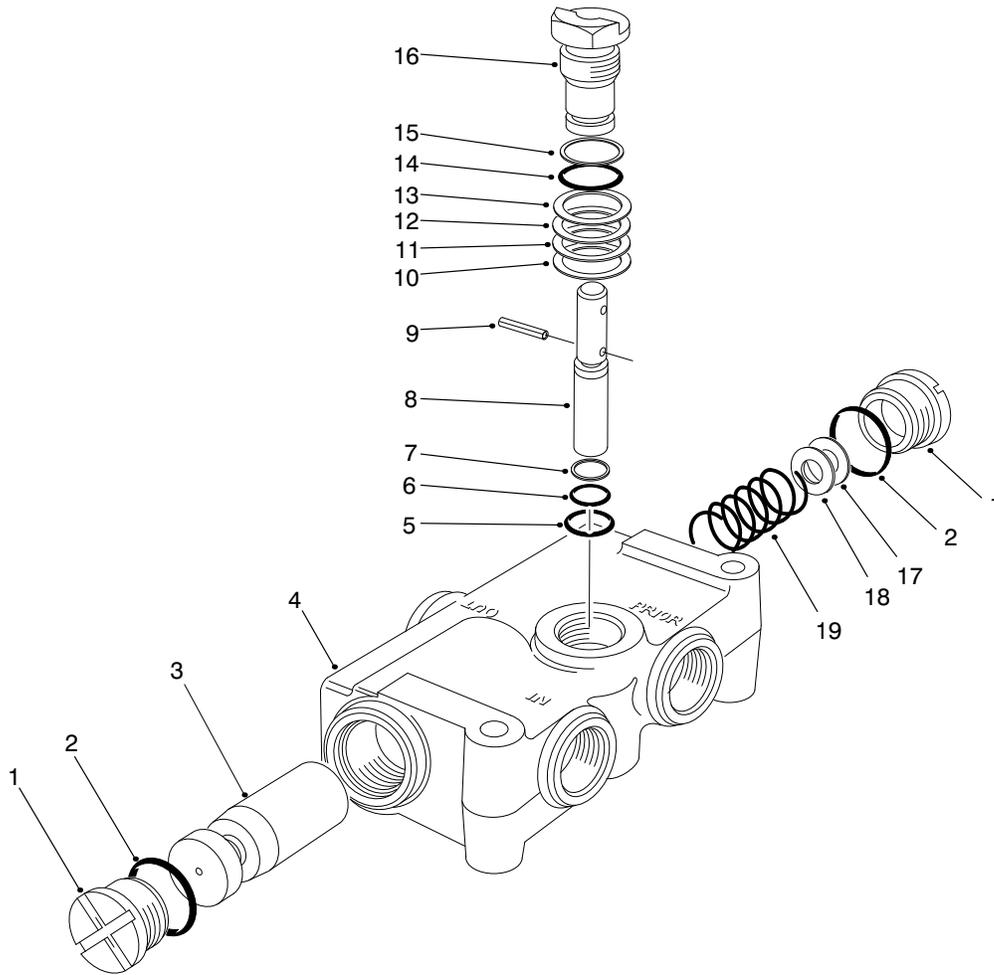
T-0124A

CONTROL VALVE ASSEMBLY NO. 93-1432

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-6780	Asm-Plug (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	Asm-Plug (Incl. Ref. #7)	3	27	58-6460	Ring - Retaining	3
7	58-6720	O-Ring	3	28	58-6420	Asm-Cap	3
†8		Body	1	29	84-6430	Plunger	1
9	60-5720	O-Ring	6	30	58-6380	Asm-Plug	3
10	58-6310	Washer - Backup	6	31	58-6410	Spring	3
11	58-6350	Asm-Plug (Incl. Ref. #9 & 10)	3	32	60-6440	Eyelet	3
†12		Washer	1	33	58-6290	Asm-Poppet	3
†13		Spool	3	†34		Nut - Lock	1
14	69-1830	Asm-Plug (Incl. Ref. #12, 15 & 34)	1	35	58-6330	Asm-Seat (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

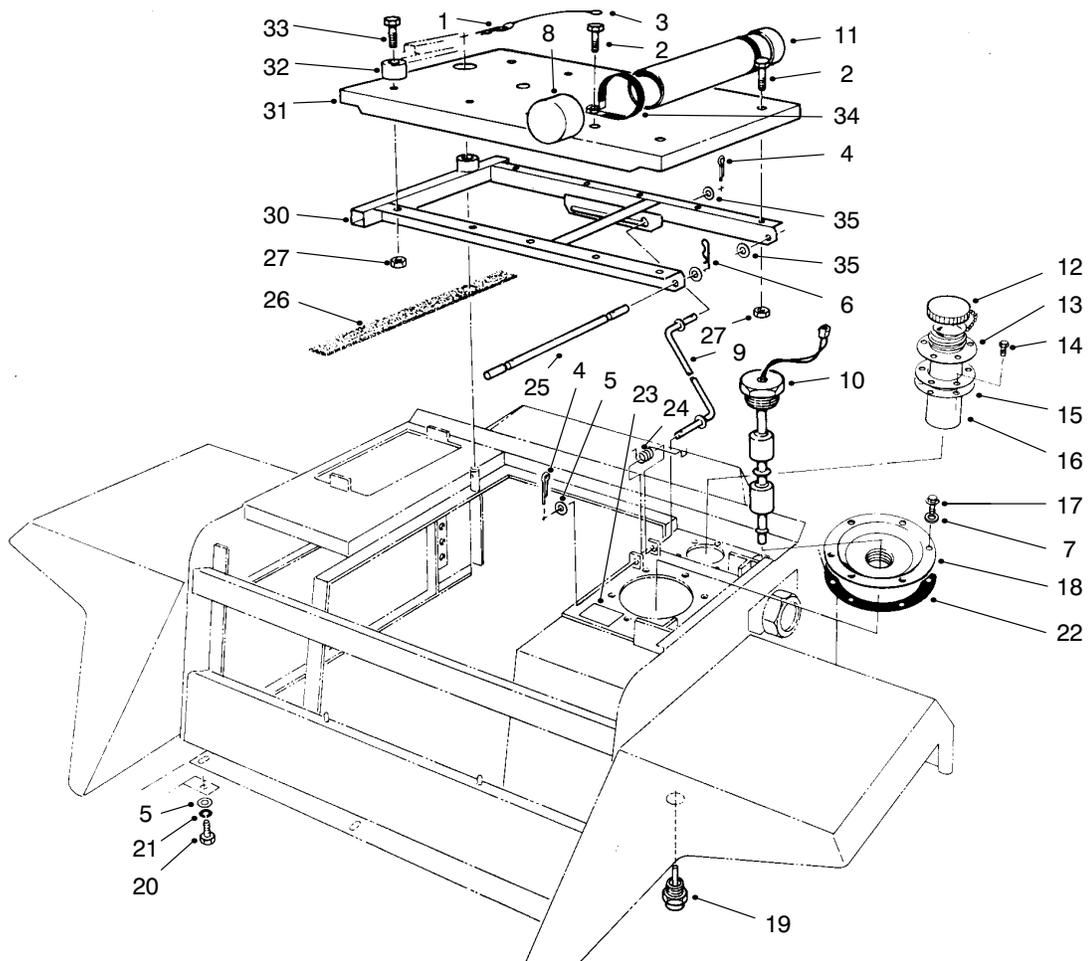
PRIORITY FLOW CONTROL VALVE NO. 58-5490

Ref. No.	Part No.	Description	No. Used
1	59-7600	Asm-Plug (Incl. Ref. #2)	2
2	59-7610	O-Ring	2
†3		Spool	1
†4		Body	1
5	59-7640	O-Ring	1
6	59-7650	O-Ring	1
7	60-5950	Washer - Backup	1
†8		Metering Stem	1
†9		Pin - Groove	1
†10		Shim	A/R
†11		Shim	A/R
†12		Shim	A/R

Ref. No.	Part No.	Description	No. Used
13	59-7720	Shim	A/R
14	59-7780	O-Ring	1
15	58-6370	Washer - Backup	1
†16		Plug - Metering	1
17	59-7750	Shim	A/R
18	59-7760	Shim	A/R
19	59-7770	Spring	1
*	63-4520	Kit - Seal (Incl. Ref. #2, 5-7, 14 & 15)	1
*	94-8265	Kit - Metering (Incl. Ref. #8-12 & 16)	1

*Not Illustrated

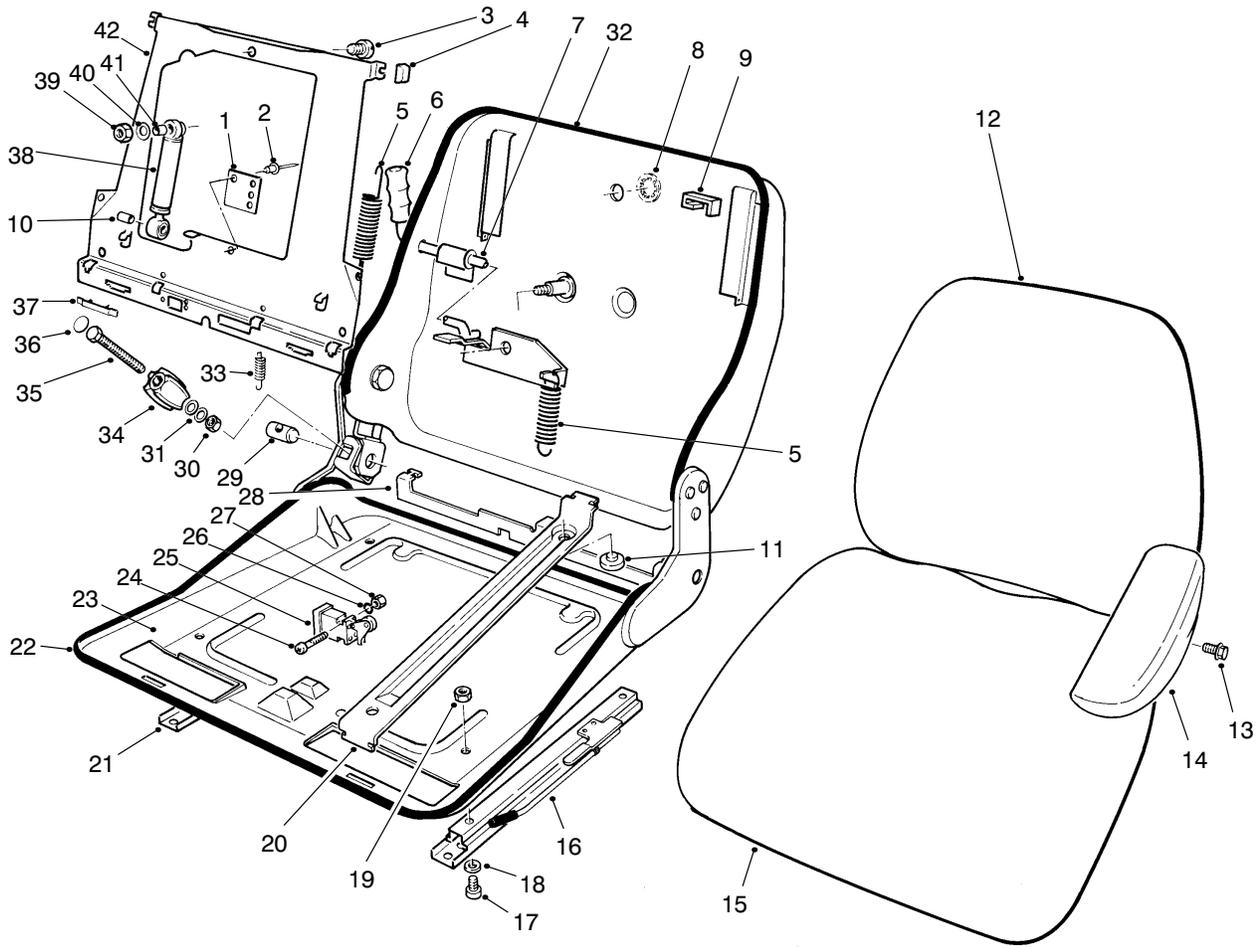
†Not Serviceable Separately



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 - HH	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	Asm-Filler Cap (Incl. Ref. #13-16)	1	30	58-1580	Asm-Seat Frame	1
13	353-961	Bayonet Flange	1	31	58-9830	Plate - Seat	1
14	32144-107	Screw - HH	6	32	26-4840	Spacer	4
15	353-963	Gasket	2	33	322-6	Screw - HH	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

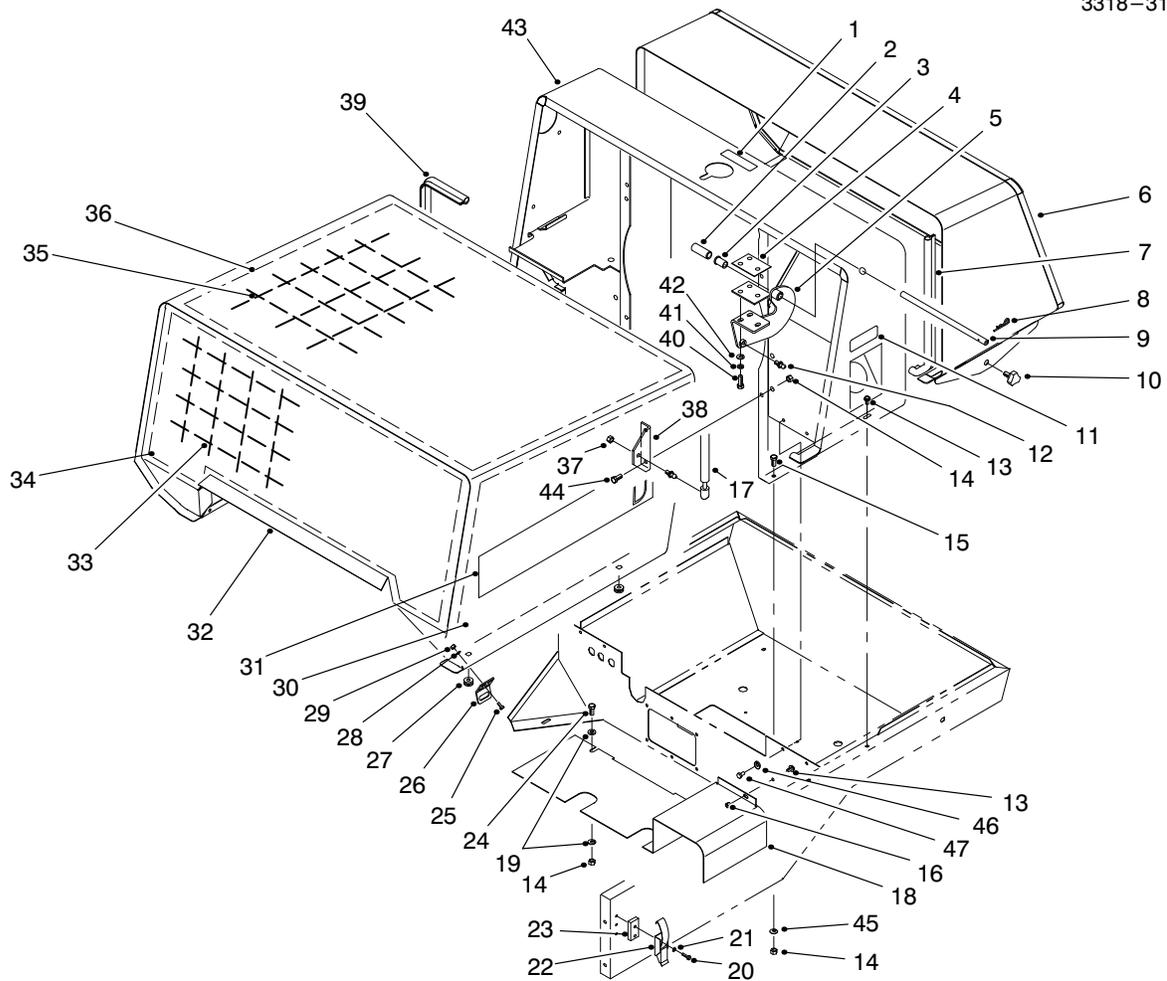
SUSPENSION SEAT ASSEMBLY

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	Asm - Swing Arm (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	Asm - Switch (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	Asm - Spindle Adj. (Incl. Ref. #29-31 & 34-36)	1
35	82-2710	Screw	1
†36		Cover	1
37	82-2830	Clamp	2
38	82-2770	Asm - Shock Absorber	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	Asm - Weight Adj. (Incl. Ref. #5-7 & 41)	1

*Not Illustrated

†Not Serviceable Separately

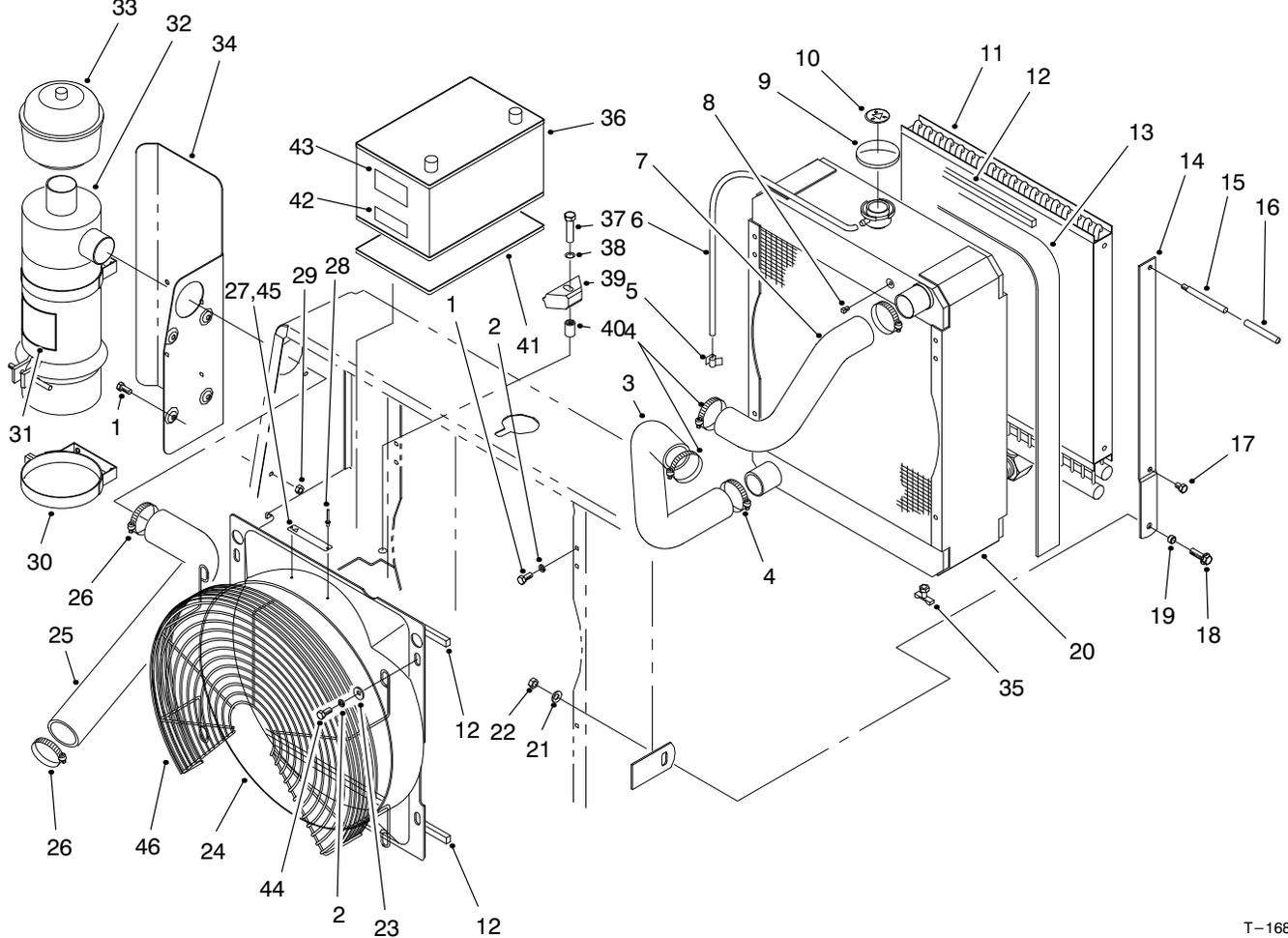


T-1683A

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 - HH	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	92-6086	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	92-4713	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.	5	38	92-5652	Bracket - Gas Spring	2
14	3296-29	Nut - Lock	9	39	92-6060	Strip - Sealing	1
15	322-5	Screw - HH	4	40	57-6380	Screw - HH	6
16	3296-56	Nut - Lock	1	41	42-9850	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 - HH	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

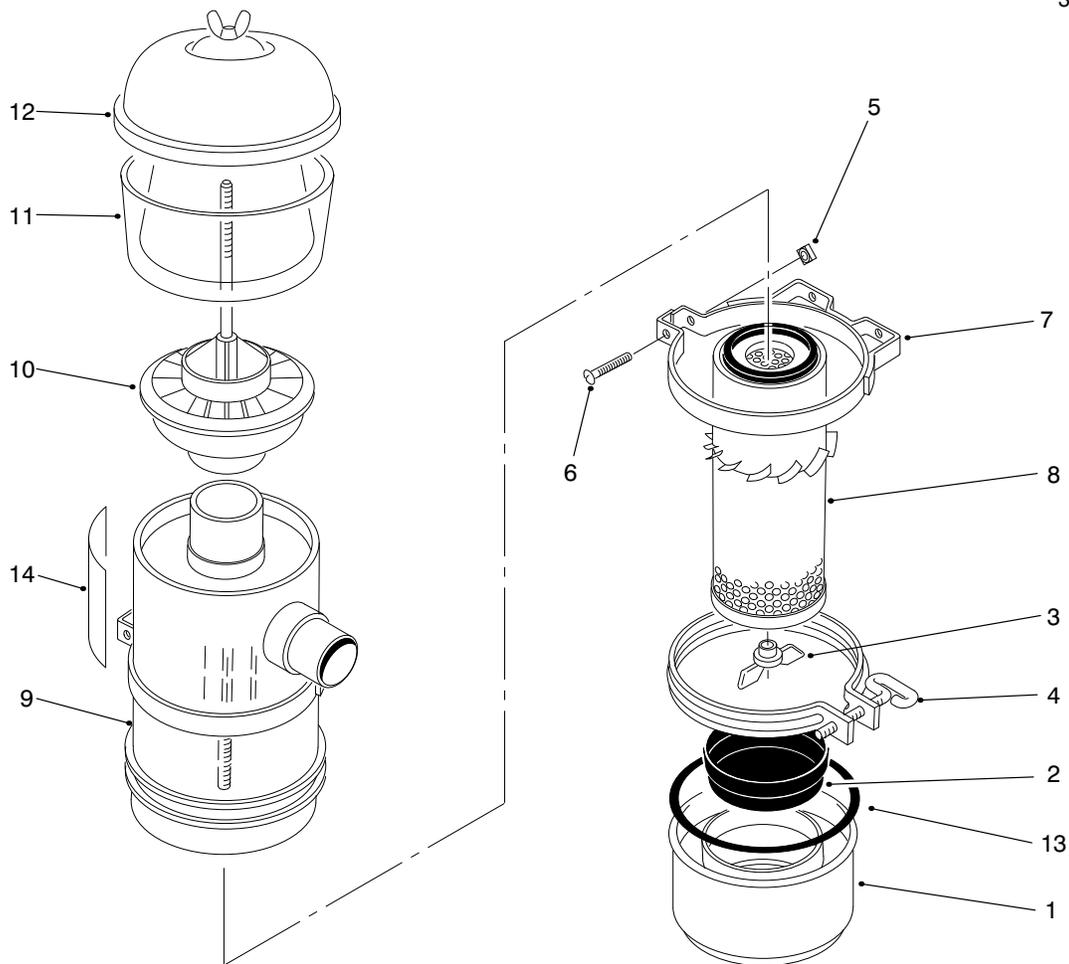


RADIATOR, OIL COOLER & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-3	Screw - HH	10
2	3253-4	Washer - Lock	6
3	92-4795	Hose - Radiator Lower	1
4	2412-92	Clamp - Hose	4
5	60-0930	Clip	2
6	60-3680	Hose - Overflow	1
7	92-4796	Hose - Radiator Upper	1
8	281-2	Plug Pipe	1
9	58-5420	Cap - Radiator	1
10	59-8440	Decal - Warning	1
11	58-5540	Cooler - Hydraulic Oil	1
12	68-7575	Strip - Sealing	3
13	92-6062	Foam - Radiator Seal	1
14	92-4753	Strap - Oil Cooler	2
15	75-7790	Handle	2
16	47-2550	Grip - Handle	2
17	48-7680	Screw - HH	2
18	3234-11	Screw - Hex. Flange Hd.	2
19	76-2290	Spacer	2
20	92-4729	Asm - Radiator (Incl. Ref. #35)	1
21	3256-24	Washer - Flat	2
22	3296-39	Nut - Lock	2
23	3256-71	Washer - Flat	4
24	92-4798	Shroud - Fan	1

Ref. No.	Part No.	Description	No. Used
25	92-9245	Hose - Intake	1
26	2412-42	Clamp - Hose	2
27	76-8750	Plate - Caution (Model 03702 & Europe)	1
28	3290-271	Rivet - Pop	2
29	3296-29	Nut - Lock	8
30	27-7170	Band - Mounting	2
31	27-7160	Decal - Instruction	1
32	27-7100	Asm - Air Cleaner	1
33	48-7430	Asm - Pre-Cleaner	1
34	92-6065	Shield	1
35	304-46	Valve - Drain	1
†36		Battery	1
37	323-9	Screw - HH	1
38	3256-24	Washer	1
39	66-2490	Retainer - Battery	1
40	32148-9	Insert - Threaded	1
41	93-1420	Tray - Battery	1
42	93-6668	Decal - Battery (Europe)	1
43	93-7276	Decal - Danger (Europe)	1
44	322-4	Screw - HH (Model 03702)	4
44	322-5	Screw - HH (Europe)	4
45	93-6681	Decal - Fan (Europe)	1
46	93-7752	Guard - Fan (Europe)	1

†Obtain Locally



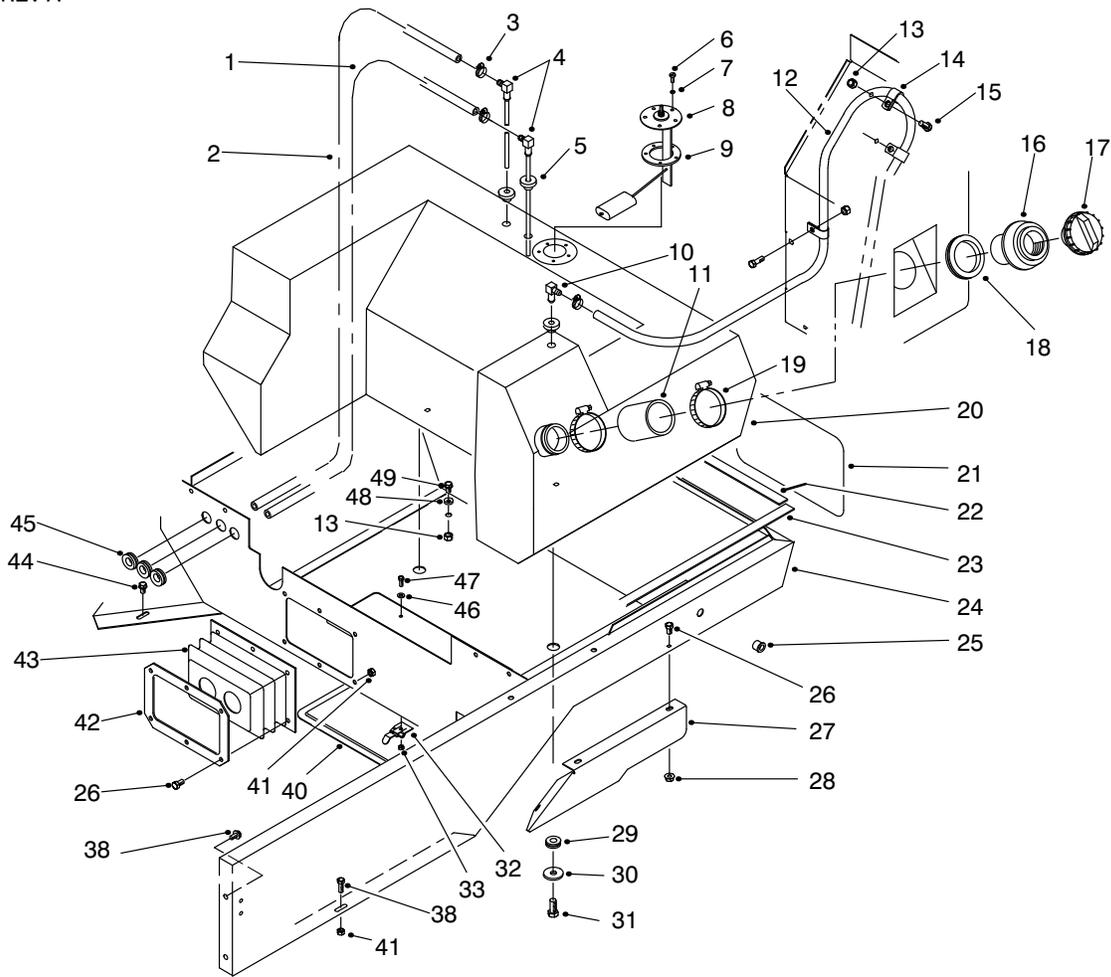
T-1684

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	27-7150	Asm-Cup	1	11	33-1270	Bowl	1
2	27-7140	Baffle	1	12	33-1260	Asm-Cover	1
3	27-7120	Nut	1	13	80-3330	Gasket	1
4	27-7130	Asm-Clamp	1	14	27-7160	Decal - Instructions	1
5	32107-11	Nut - Square	2	*	48-7430	Asm-Pre-Cleaner (Incl. Ref. #10-12)	1
6	3258-19	Screw - Machine	2	*	27-7100	Asm-Air Filter (Incl. Ref. #1-4, 8-9 & 13-14)	1
7	27-7170	Asm-Band (Incl. Ref. #5 & 6)	2	*	27-7220	Soap - Air Cleaner	1
8	27-7110	Asm-Element	1				
†9		Housing	1				
10	62-6300	Asm-Sleeve	1				

*Not Illustrated

†Not Serviceable Separately

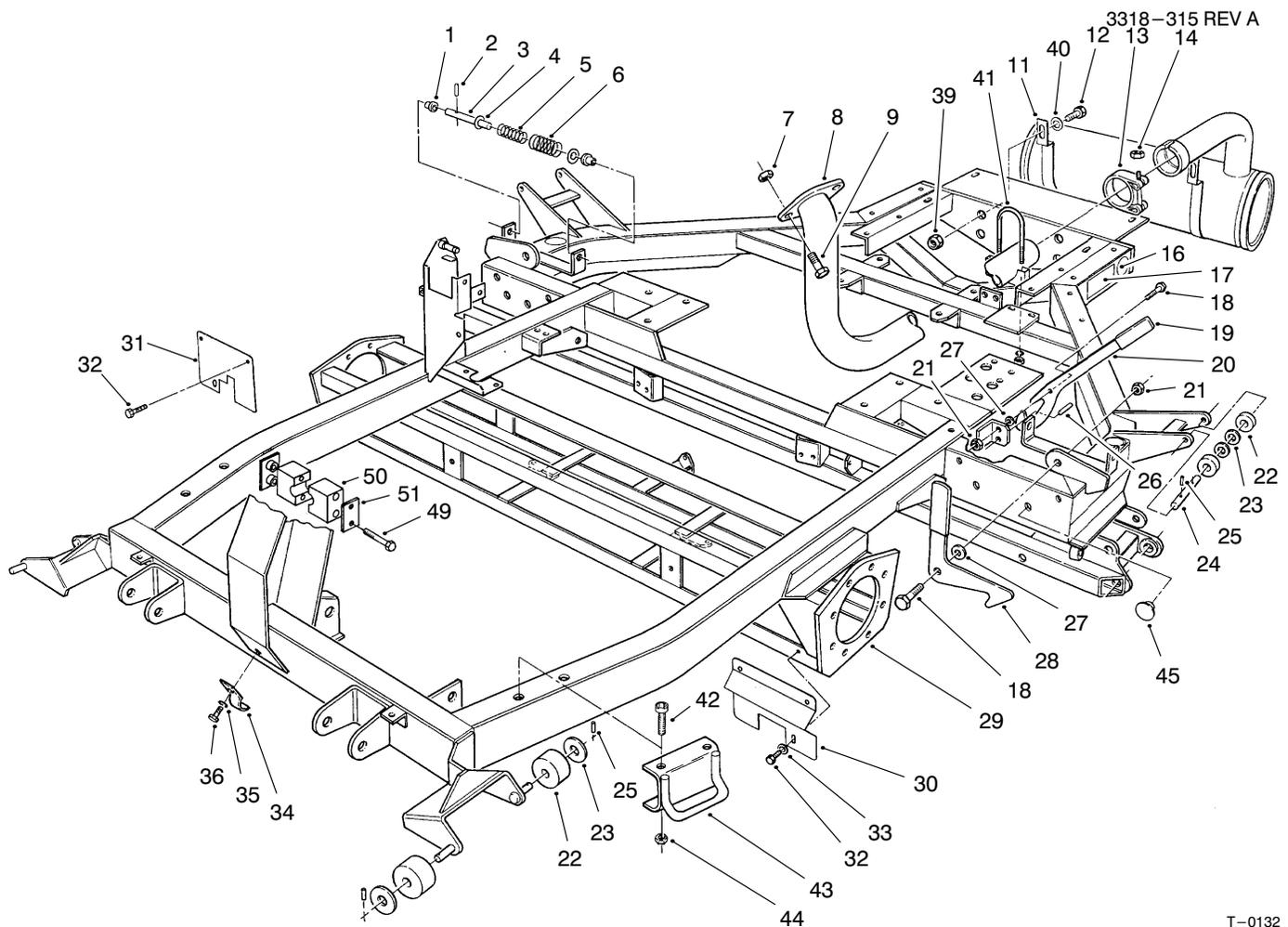


T-1785A

FUEL TANK & LOWER BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-9285	Hose - Fuel, Return	1
2	92-9284	Hose - Fuel, Suction	1
3	2412-108	Clamp - Hose	5
4	92-9266	Standpipe	2
5	46-6560	Grommet	3
6	32122-24	Screw - Truss Hd.	5
7	3253-15	Washer - Lock	5
8	92-9267	Sender - Fuel	1
9	62-7650	Gasket - Fuel Sender	1
10	46-6550	Elbow	1
11	92-9272	Hose - Fuel Fill	1
12	92-9283	Hose - Vent, Fuel	1
13	3296-29	Nut - Lock	4
14	92-6064	R-Clamp	3
15	322-3	Screw - HH	2
16	92-5674	Neck - Fuel Fill	1
17	93-3102	Cap - Fuel	1
18	92-5675	Grommet	1
19	2412-42	Clamp - Hose	2
20	93-1402	Tank - Fuel	1
21	66-6140	Decal - TORO	1
22	92-5671	Strip - Sealing	1

Ref. No.	Part No.	Description	No. Used
23	92-5670	Strip - Sealing	2
24	92-4703	Body - Lower	1
25	32148-9	Nut - Insert	2
26	321-2	Screw - HH	9
27	92-6069	Shield - Exhaust	1
28	32128-33	Nut - Lock, Flange Hd.	3
29	240-11	Grommet	2
30	63-8410	Washer - Flat	2
31	323-5	Screw - HH	2
32	52-9590	Latch	4
33	3296-12	Nut - Lock	4
38	3234-4	Screw - Hex. Flange Hd.	5
40	92-5654	Panel - Clean Out	1
41	3296-56	Nut - Lock	7
42	92-5653	Ring - Clamp	1
43	92-5269	Bellows	1
44	3234-13	Screw - Taptite	2
45	240-9	Grommet	3
46	3256-51	Washer - Flat	4
47	32144-1	Screw - Hex. Hd.	4
48	3256-23	Washer - Flat	2
49	3234-17	Screw - Hex. Flange Hd.	2



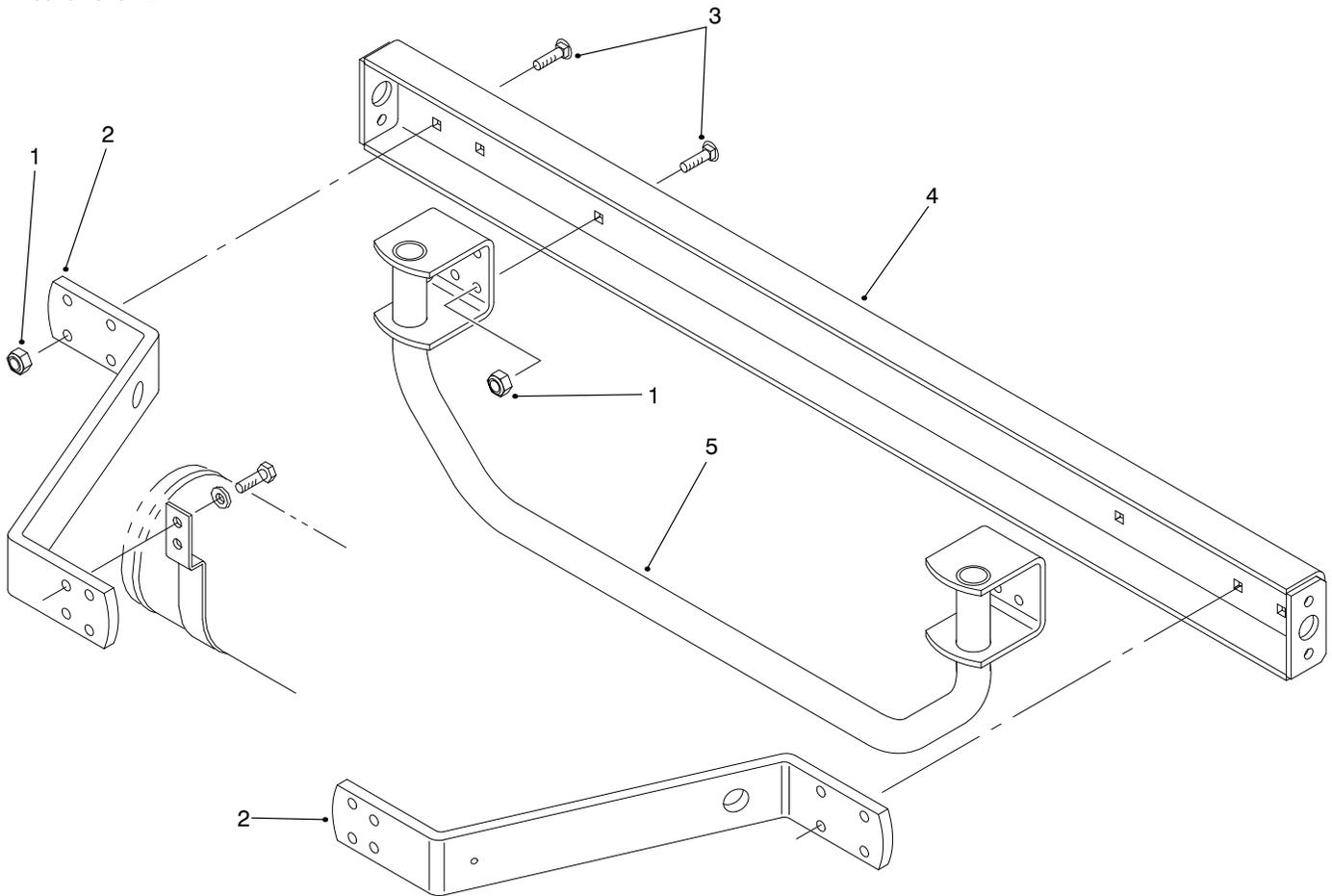
T-0132

CHASSIS & MUFFLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-2800	Bushing	4	23	51-2060	Washer	8
2	60-3720	Pin - Roll	2	24	60-0160	Pin - Roller Rear	2
3	58-2810	Rod	2	25	60-2110	Pin - Roll	8
4	3256-7	Washer - Flat	4	26	48-8830	Pin - Roll	1
5	48-6780	Spring	2	27	48-8850	Washer - Bevel	3
6	60-1240	Spring	2	28	86-6590	Lever - LH	1
7	60-6660	Nut - Hex	2	*	86-6580	Lever - RH	1
8	76-3470	Tube - Exhaust	1	29	92-4761	Chassis	1
9	48-9470	Screw	2	30	60-4190	Grass Shield - L.H.	1
11	74-2850	Muffler	1	31	60-4200	Grass Shield - R.H.	1
*	74-2900	Spark Arrester - Muffler (Optional)	1	32	48-6900	Screw - Hex Hd.	6
12	323-9	Screw - HH	2	33	48-8010	Washer	2
13	2412-132	Clamp (Incl. Ref. #14)	1	34	60-2080	Clamp - Hose	1
‡14		Nut	1	35	42-9850	Washer - Lock	1
16	58-6520	Decal - Grease	3	36	48-7680	Screw - HH	1
17	58-5910	Decal - Tire Pressure	2	39	3296-39	Nut - Lock	2
17	93-9405	Decal - Tire Pressure (Europe)	2	40	3256-24	Washer - Flat	2
18	60-6870	Screw	3	41	76-3560	Clamp - Exhaust	1
19	48-7080	Cap	3	42	3289-25	Screw - Socket Flat Hd.	4
20	86-6570	Lever	1	43	92-4768	Tiedown	2
21	51-2070	Nut	3	44	3296-23	Nut - Lock	4
22	82-4910	Roller	8	45	92-6059	Plug - Button	12
				49	321-9	Screw - HH	2
				50	82-2990	Clamp - Tube	2
				51	82-2980	Plate - Cover	1

*Not Illustrated

‡Not Serviceable Separately

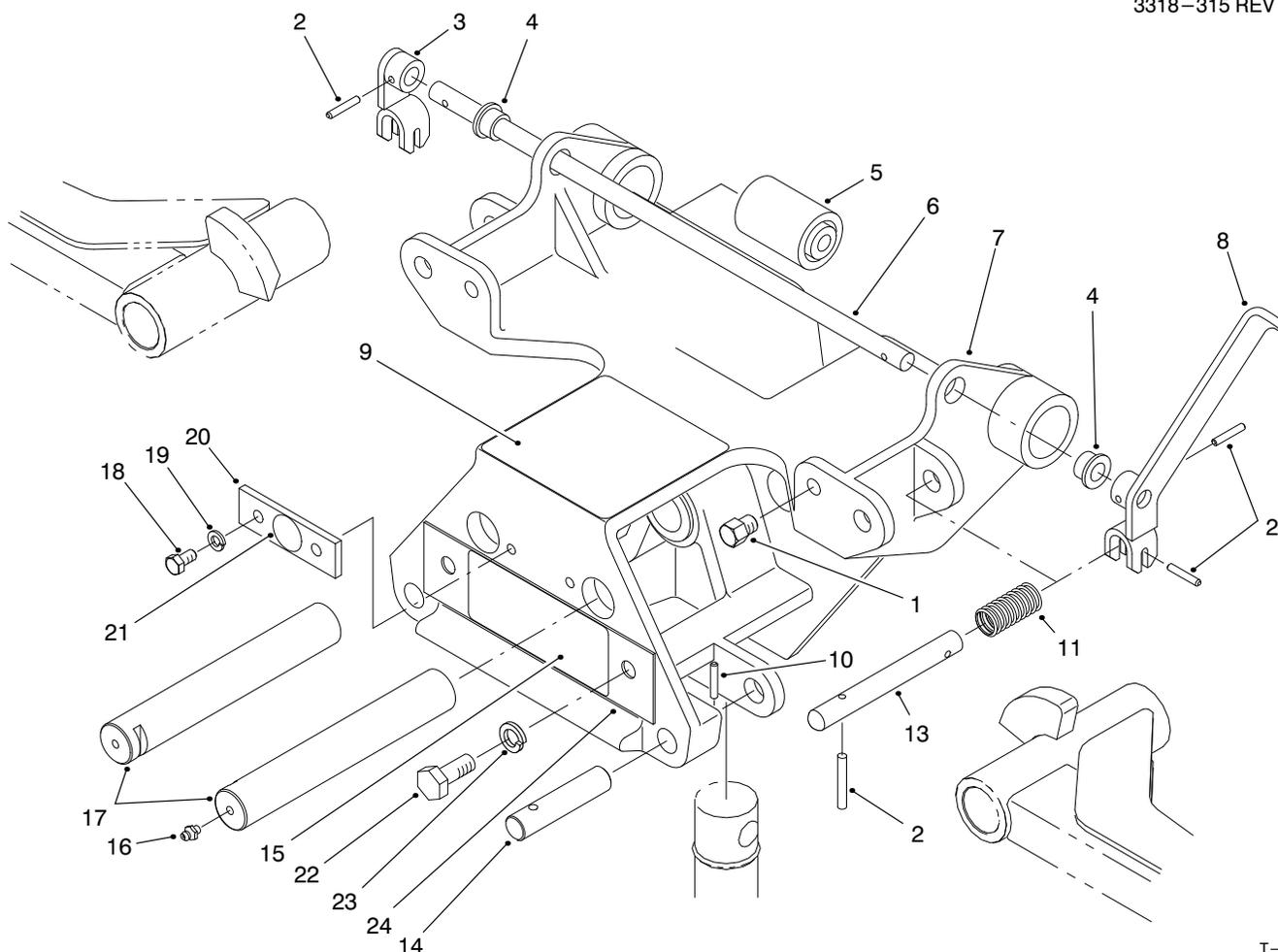


T-2388

BUMPER, GUARD & BRACKET ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-39	Nut - Lock	12
2	92-6051	Bracket - Bumper	2
3	3231-25	Bolt - Carriage	12

Ref. No.	Part No.	Description	No. Used
4	92-6052	Bumper	1
5	92-6050	Guard - Hose	1

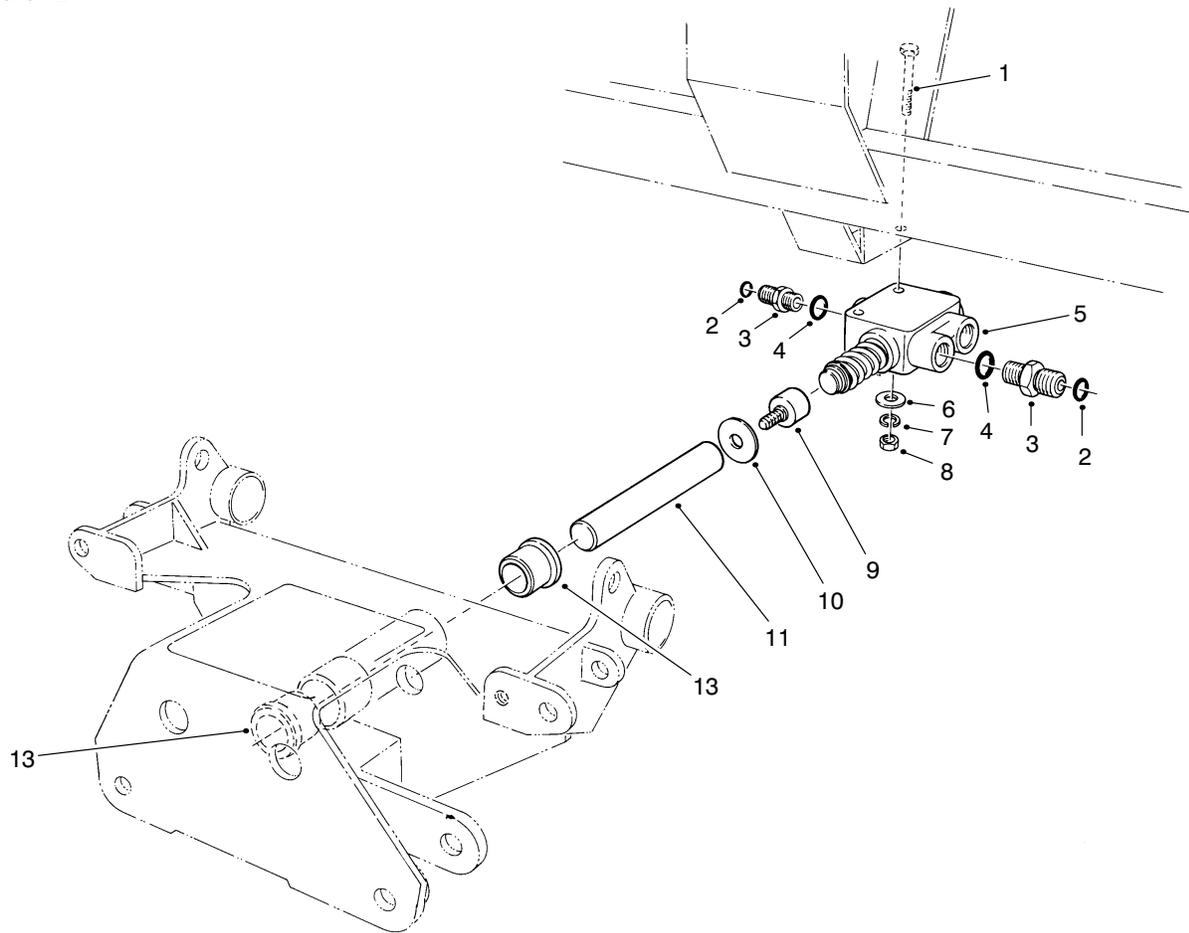


T-0133

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 - HH	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 - HH	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

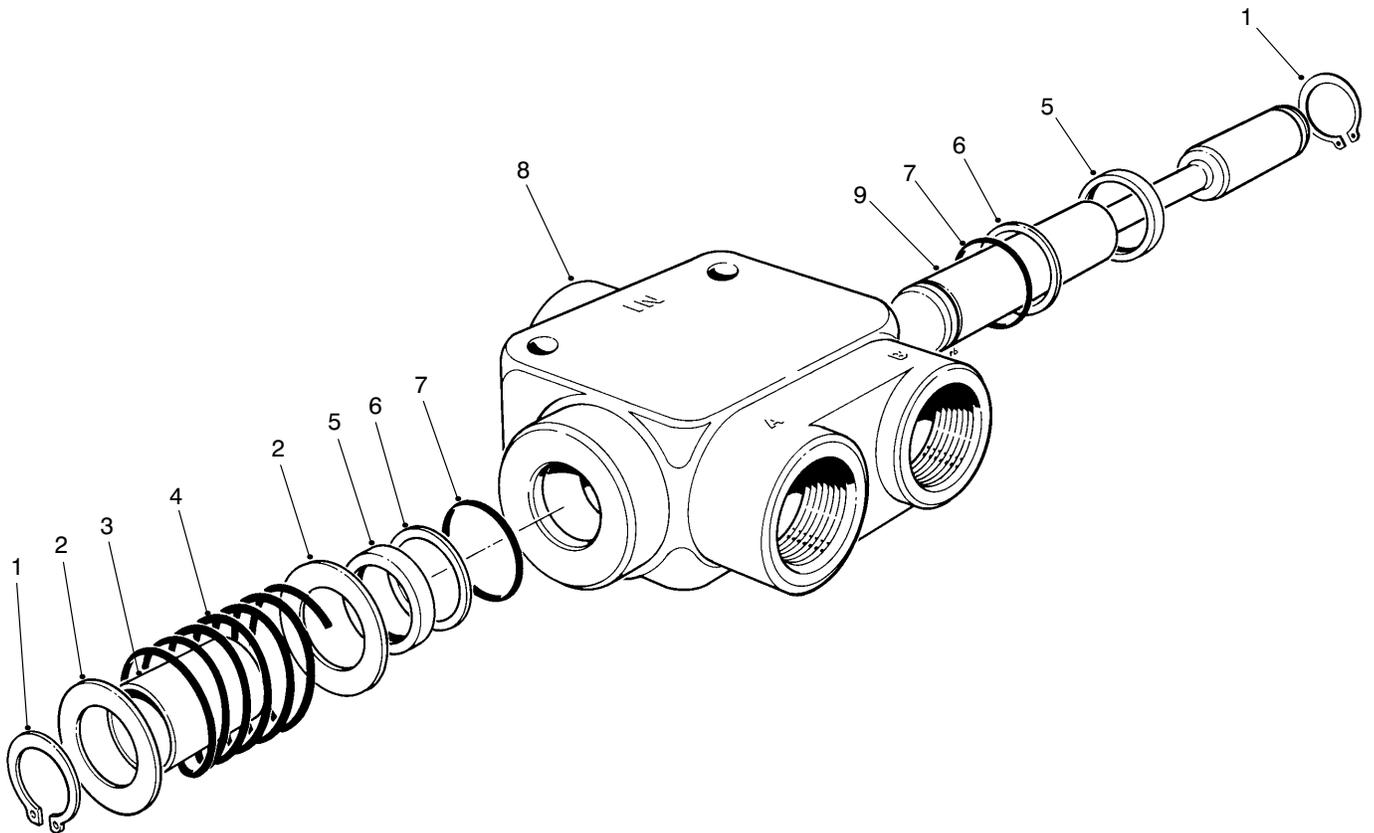


T-0134A

PUSH ROD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-12	Screw - HH	2
2	237-65	O-Ring	3
3	340-7	Fitting - Straight (Incl. Ref. #2 & 4)	3
4	237-80	O-Ring	3
5	58-5460	Valve - Shutoff	1
6	3256-23	Washer - Flat	2

Ref. No.	Part No.	Description	No. Used
7	3253-4	Washer - Lock	2
8	3217-6	Nut - Hex	2
9	59-7140	Bumper	1
10	3256-68	Washer	A/R
11	60-0300	Rod	1
13	48-6640	Bushing - Flange	2



T-0135

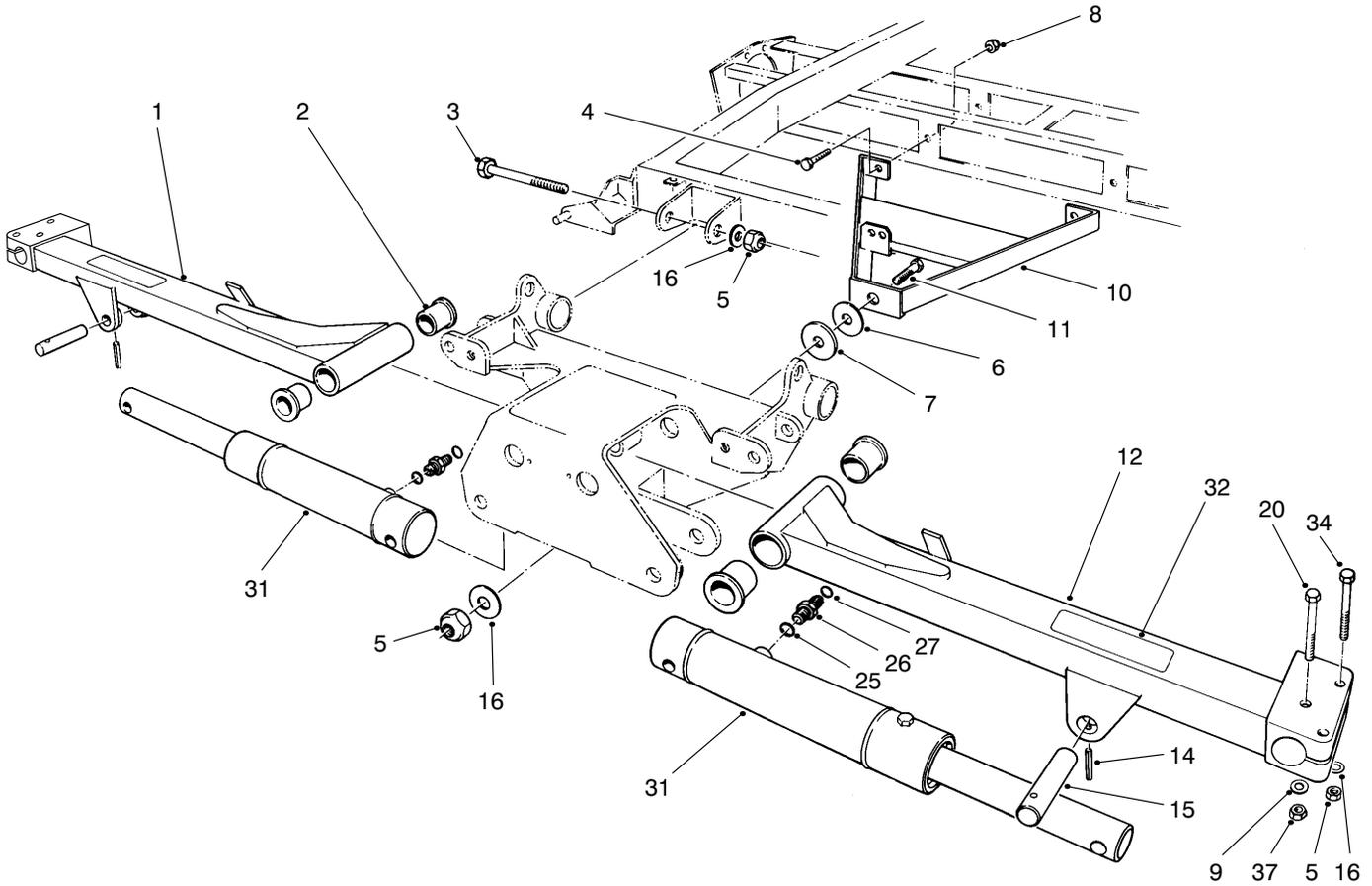
REEL SHUT-OFF VALVE NO. 58-5460

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	Kit - Seal (Incl. Ref. #1, 5, 6 & 7)	1

*Not Illustrated

†Not Serviceable Separately

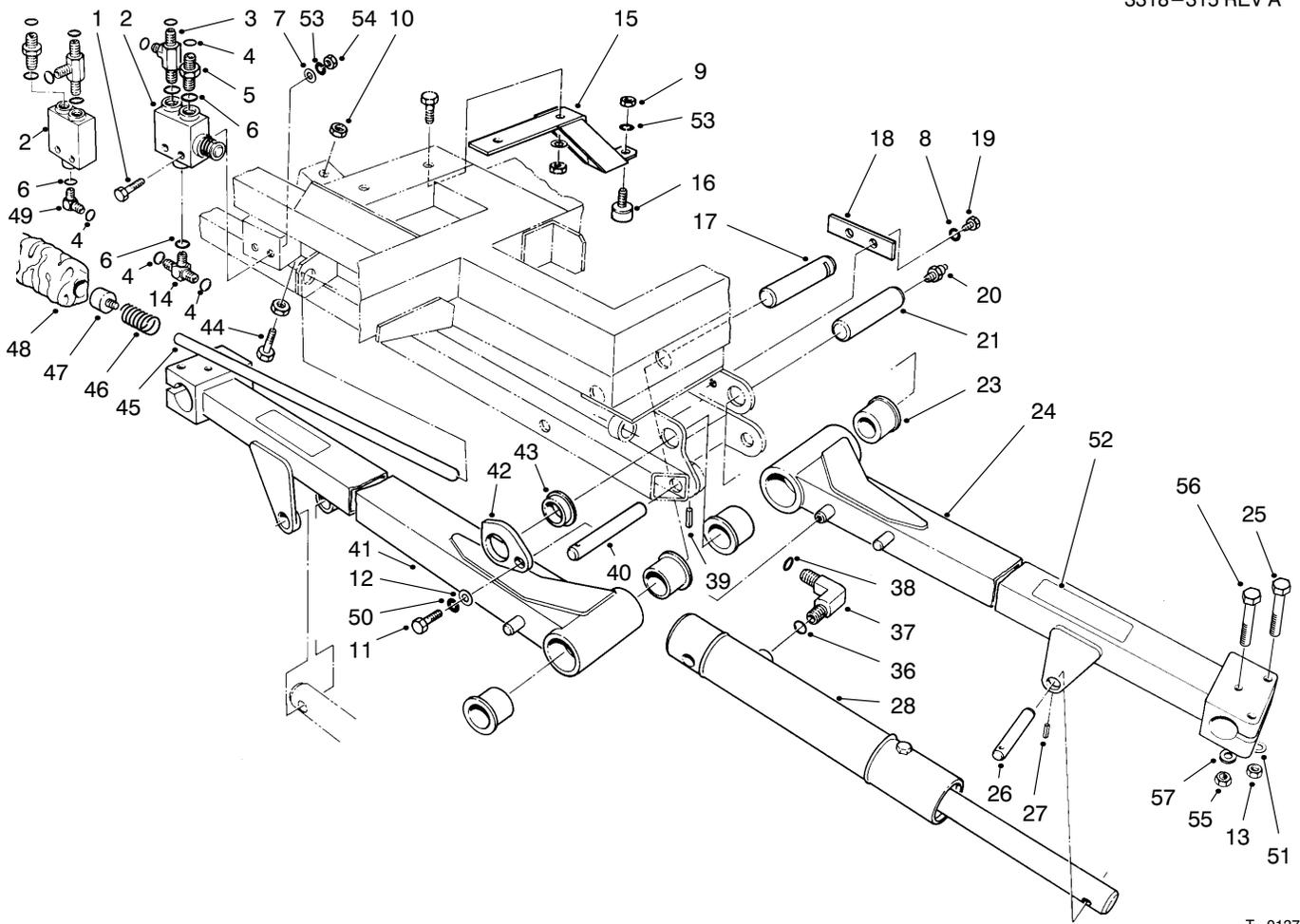


T-0136A

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	Screw - HH	2
4	323-7	Screw - HH	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	Screw - HH	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 - HH	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	Asm - Hydraulic Cylinder	2
32	61-3610	Decal	2
32	93-7331	Decal - (Europe)	1
34	325-34	Screw - HH	4
37	3296-39	Nut - Lock	2

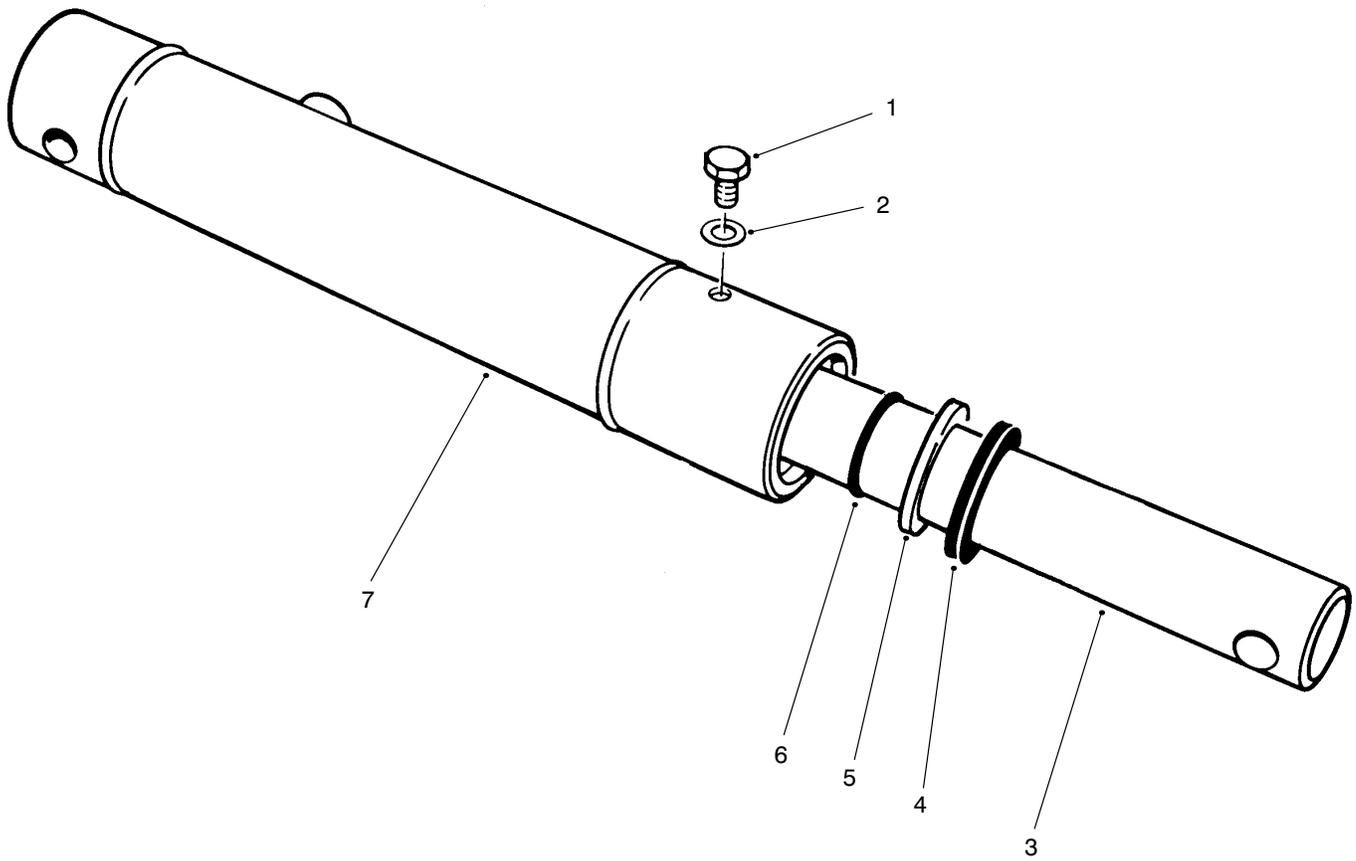


T-0137

NO. 1, 4 & 5 LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-12	Screw - HH	4	27	60-1280	Pin - Roll	3
2	58-5460	Valve - Shut-Off	2	28	84-6210	Asm - Hydraulic Cylinder	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	42-9850	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	Screw - HH	2	44	53-5940	Screw - HH	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	42-9230	Screw - HH	4	52	61-3610	Decal	3
20	302-5	Fitting - Grease	3	52	93-7331	Decal - (Europe)	1
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 - HH	6	55	3296-39	Nut - Lock	3
26	58-4380	Pin - Pivot	3	56	323-13	Screw - HH	3
				57	3256-56	Washer - Flat	3

*Not Illustrated



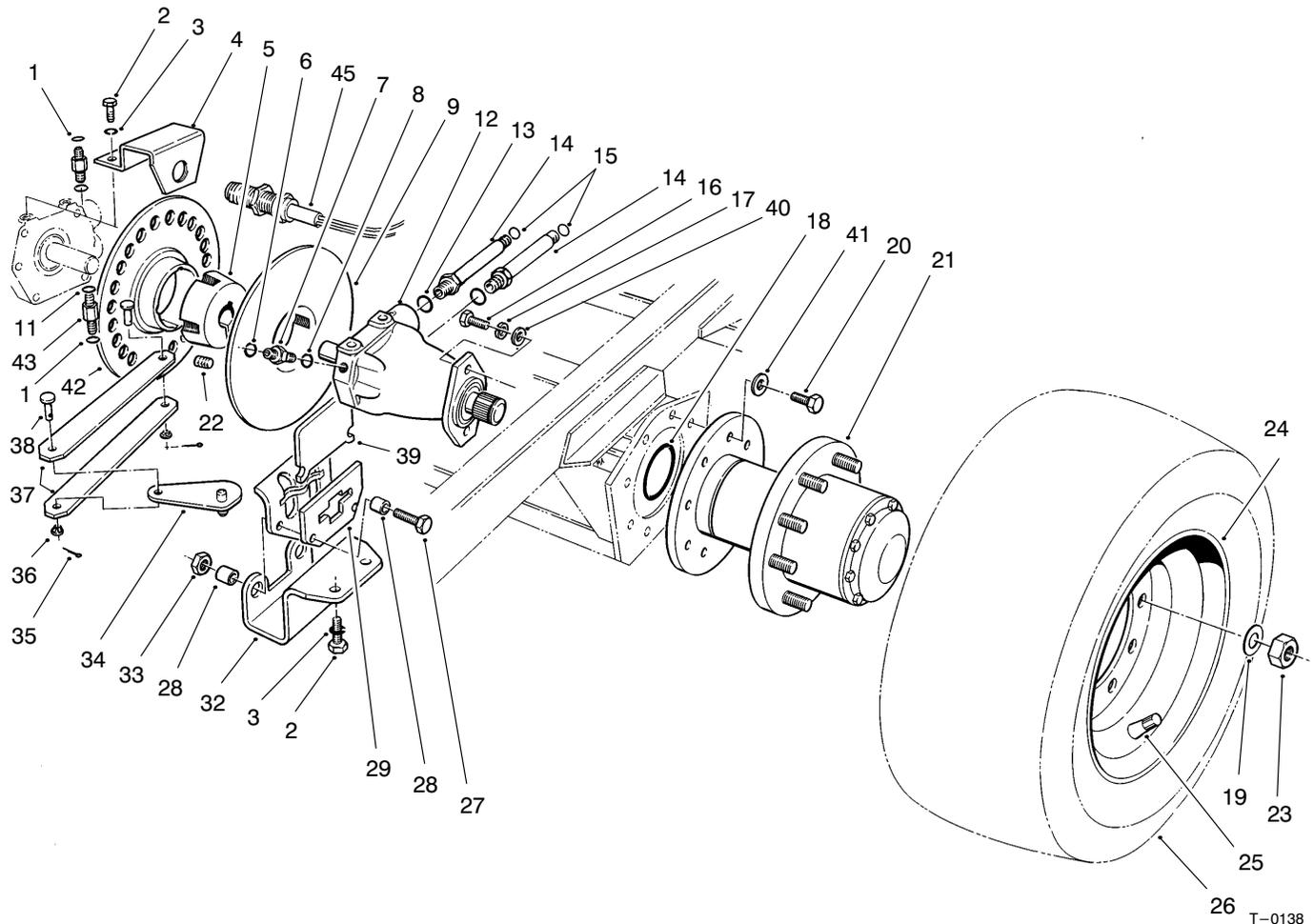
T-1685

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

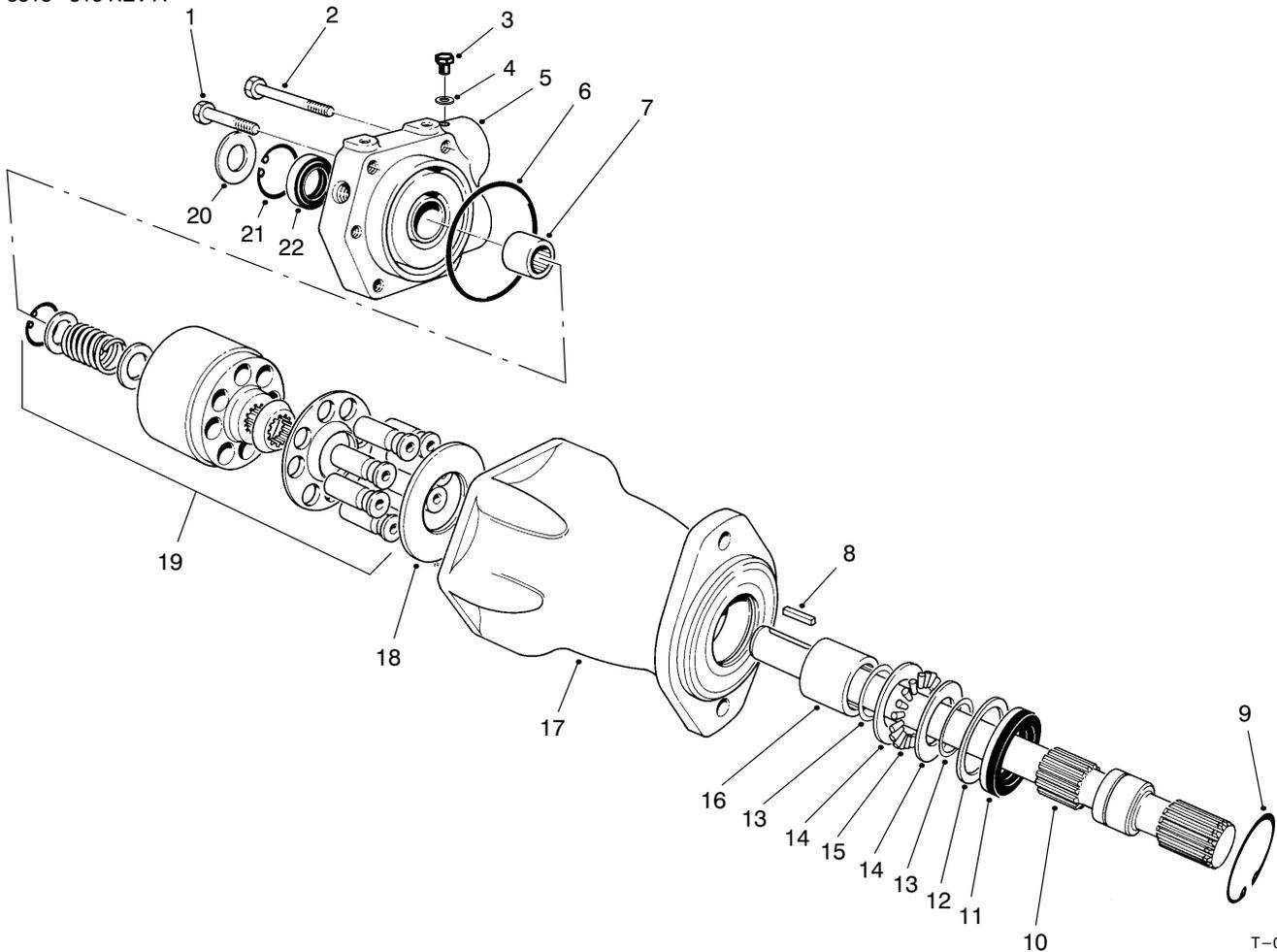
†Not Sold Separately



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 - HH	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	Screw - HH	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	Asm - Lever	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	Screw - HH	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	Screw - HH	16	42	82-9280	Disc - 22 Hole	2
21	62-6400	Asm - Drive Hub	2	43	340-90	Fitting (Incl. Ref. #1 & 11)	2
				45	75-6700	Sensor - Magnetic	1

*Not Illustrated



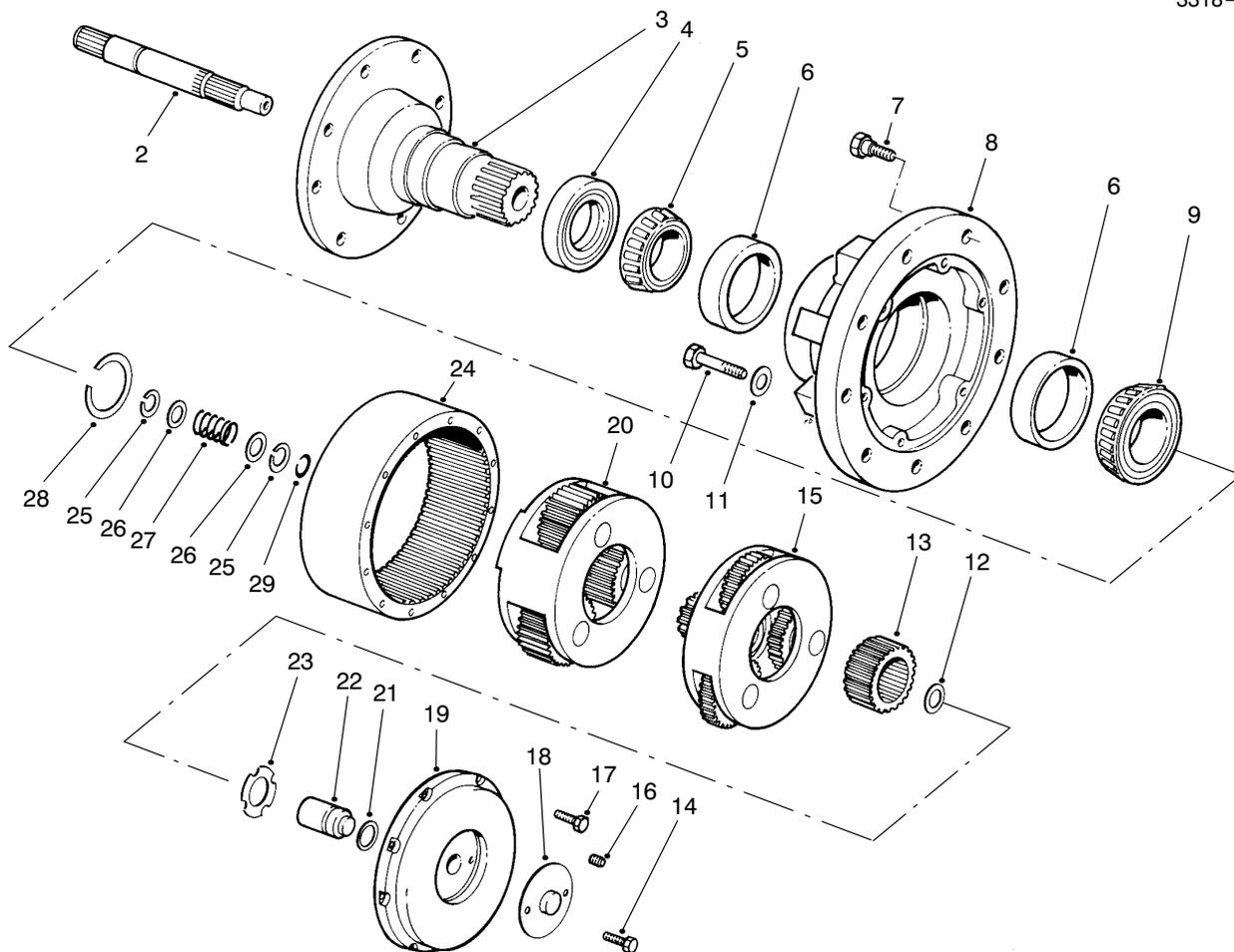
WHEEL MOTOR ASSEMBLY NO. 58-5430

Ref. No.	Part No.	Description	No. Used
1	59-8290	Screw - HH	3
2	59-8280	Screw - HH	3
3	353-948	Plug (Incl. Ref. #4)	2
4	237-118	O-Ring	2
5	59-8270	Asm - Back Plate (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	Asm - Housing (Incl. Ref. #16)	1
18	59-8350	Asm - Camplate	1
19	59-8340	Asm - Rotating	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

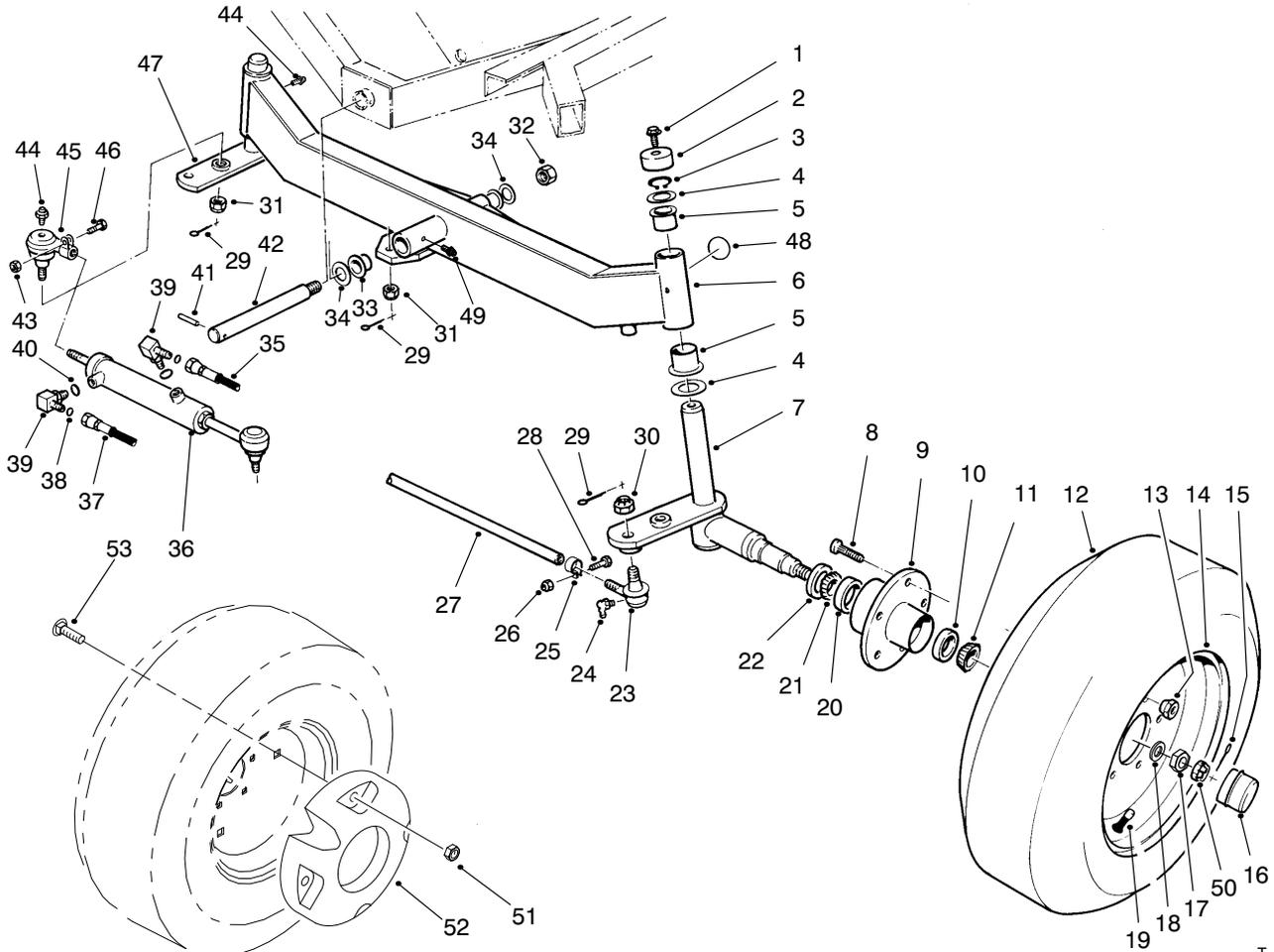
PLANETARY GEAR DRIVE ASSEMBLY

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	Asm - Secondary Carrier (Standard Speed Ratio)	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 (Standard Speed Ratio)	1	†28	62-6450	Kit - Retaining Ring	1
14	60-4070	Bolt - Hex. Hd.	2	29	60-3930	Ring - Retaining	1
15	62-6410	Asm - Primary Carrier (Standard Speed Ratio)	1	*	62-6460	Tube - RW Sealant	1

*Not Illustrated

†Includes 7 different thickness for service adjustment of bearings.



T-1211A

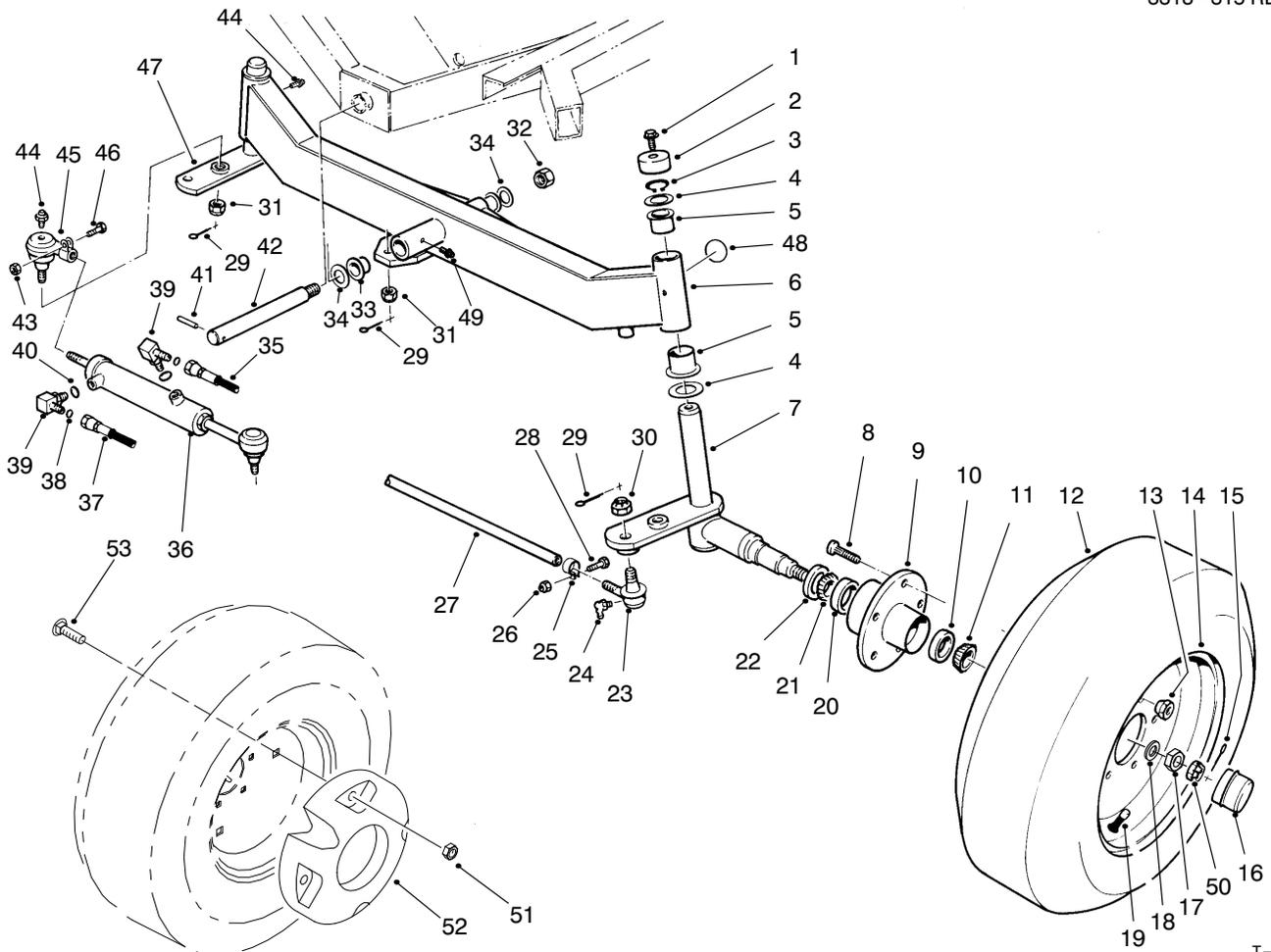
STEERING AXLE

Ref. No.	Part No.	Description	No. Used
1	3234-12	Screw - Hex. Flange Hd.	2
2	69-8890	Cap - Spindle	2
3	32151-10	Ring - Retaining	2
4	256-304	Washer - Thrust	4
5	69-6470	Bushing - Flange	4
6	82-9850	Axle - Rear	1
7	93-0311	Spindle - Wheel LH	1
8	69-2990	Screw - Drive	10
9	69-2960	Hub - Wheel, Rear (Incl. Ref. #8, 10, & 20)	2
10	254-72	Cup - Bearing, Outer	2
11	254-92	Cone - Bearing, Outer	2
12	69-9880	Tire	2
13	23-7270	Nut - Lug	10
14	217-116	Rim	2
15	3272-13	Pin - Cotter	2
16	69-2970	Cap - Hub	2
17	3220-7	Nut - Jam	2
18	93-0309	Washer - Tab	2
19	232-27	Stem - Valve	2
20	254-107	Cup - Bearing Inner	2
21	254-106	Cone - Bearing Inner	2
22	69-2980	Seal - Inner	2
23	2116-4	Joint - Ball RH	1
*	2116-3	Joint - Ball, L.H.	1
24	302-33	Fitting - Grease	2

Ref. No.	Part No.	Description	No. Used
25	2412-7	Asm - Clamp (Incl. Ref. # 26 & 28)	2
†26		Nut - Lock	2
27	82-9260	Asm - Tie Rod (Incl. Ref. #23-26, 28 & 30)	1
†28		Screw - HH	2
29	3272-12	Pin - Cotter	4
30	32136-2	Nut - Castle	2
31	32136-13	Nut - Castle	2
32	3296-49	Nut - Lock	1
33	48-6640	Bushing - Flange	2
34	48-6660	Washer - Thrust	2
35	82-9840	Hose - Hydraulic	1
36	77-4800	Cylinder - Steering	1
37	82-9841	Hose - Hydraulic	1
38	237-22	O-Ring	2
39	340-97	Fitting - Hydraulic (Incl. Ref. #38 & 40)	2
40	237-78	O-Ring	2
41	60-3670	Pin - Roll	1
42	82-9210	Shaft - Pivot	1
†43		Nut - Hex.	1
44	302-5	Fitting - Grease	3
45	69-9810	Joint - Ball (Incl. Ref. #31, 43-44 & 46)	1
†46		Screw - HH	1

*Not Illustrated

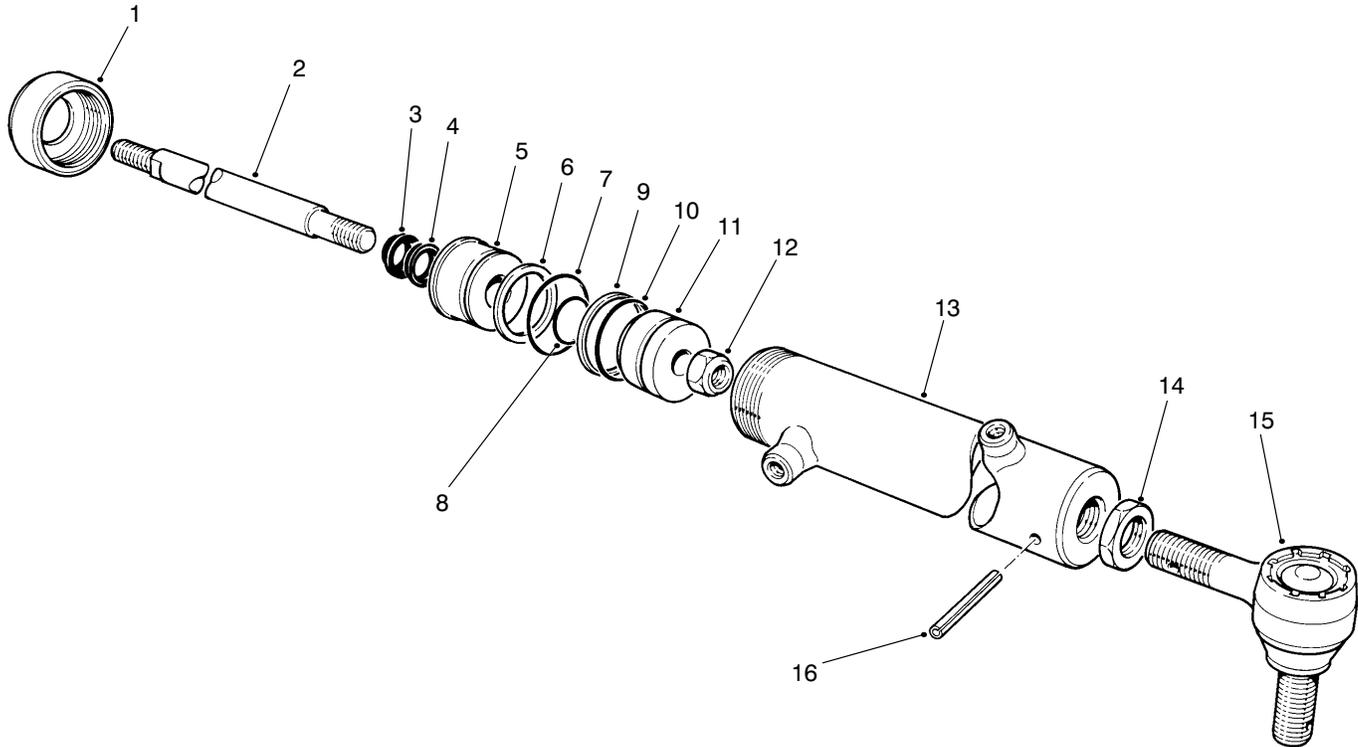
†Not Serviceable Separately



T-1211A

STEERING AXLE (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
47	93-0310	Spindle - Wheel RH	1	51	3296-25	Nut - Lock (Europe)	2
48	58-6520	Decal - Grease	2	52	11-0440	Weight - (Europe)	4
49	302-11	Fitting - Grease	1	53	3233-7	Bolt - Carriage (Europe)	8
50	93-0307	Nut - Retainer	2				



T-1209

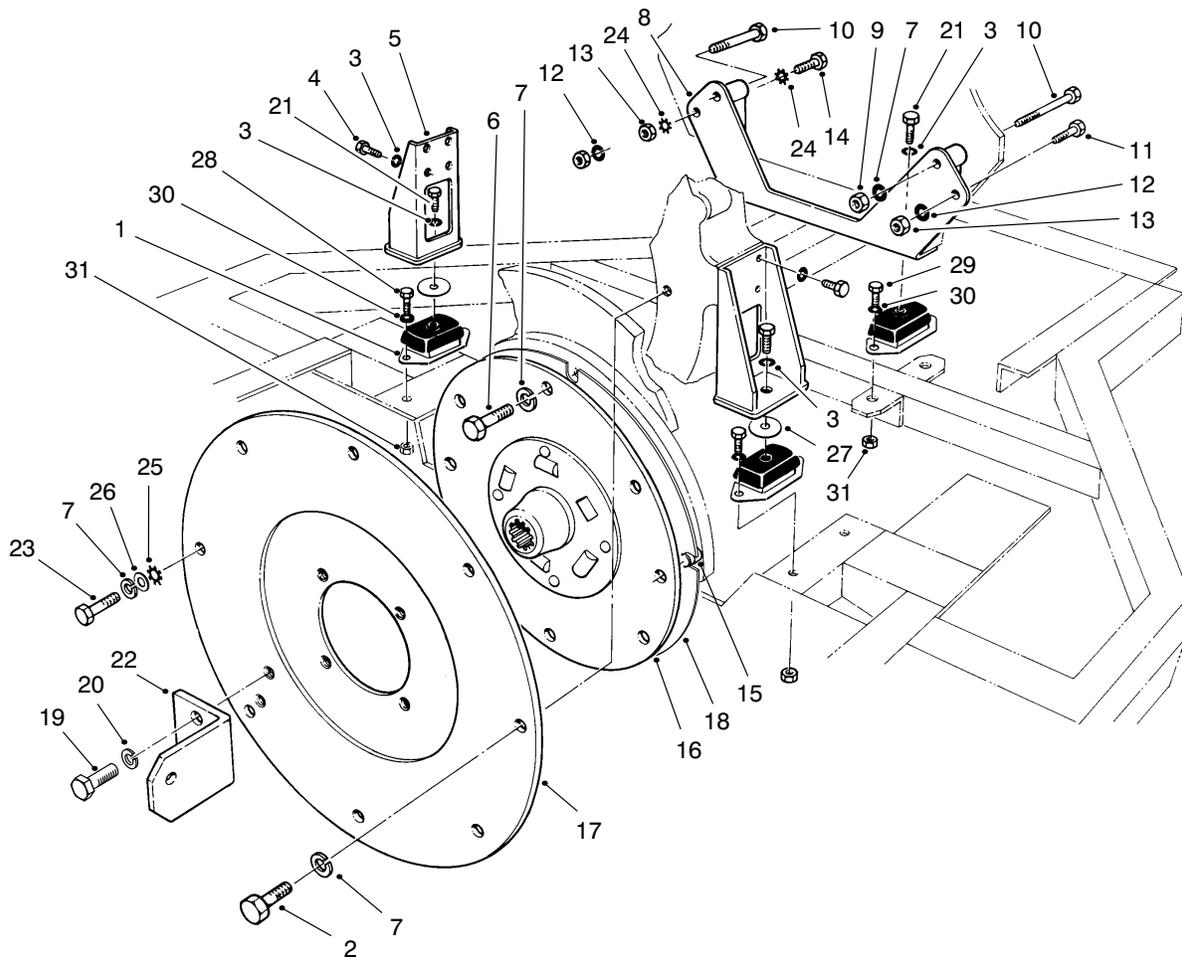
HYDRAULIC CYLINDER 77-4800

Ref. No.	Part No.	Description	No. Used
1	82-5780	Cap - Threaded	1
2	82-5770	Rod	1
†3		Wiper - Rod	1
†4		U-Cup	1
5	82-5790	Head - Cap	1
†6		Backup Washer	1
†7		O-Ring	1
†8		O-Ring	1
†9		Servon	1

Ref. No.	Part No.	Description	No. Used
†10		O-Ring	1
11	82-5760	Piston	1
12	82-5750	Nut - Lock	1
†13		Asm-Barrel	1
14	82-5740	Nut - Jam	1
15	82-5730	Rod Tie, End	1
16	32121-44	Pin - Roll	1
*	82-5800	Kit - Repair, Seal (Incl. Ref. #3, 4, & 6-10)	1

*Not Illustrated

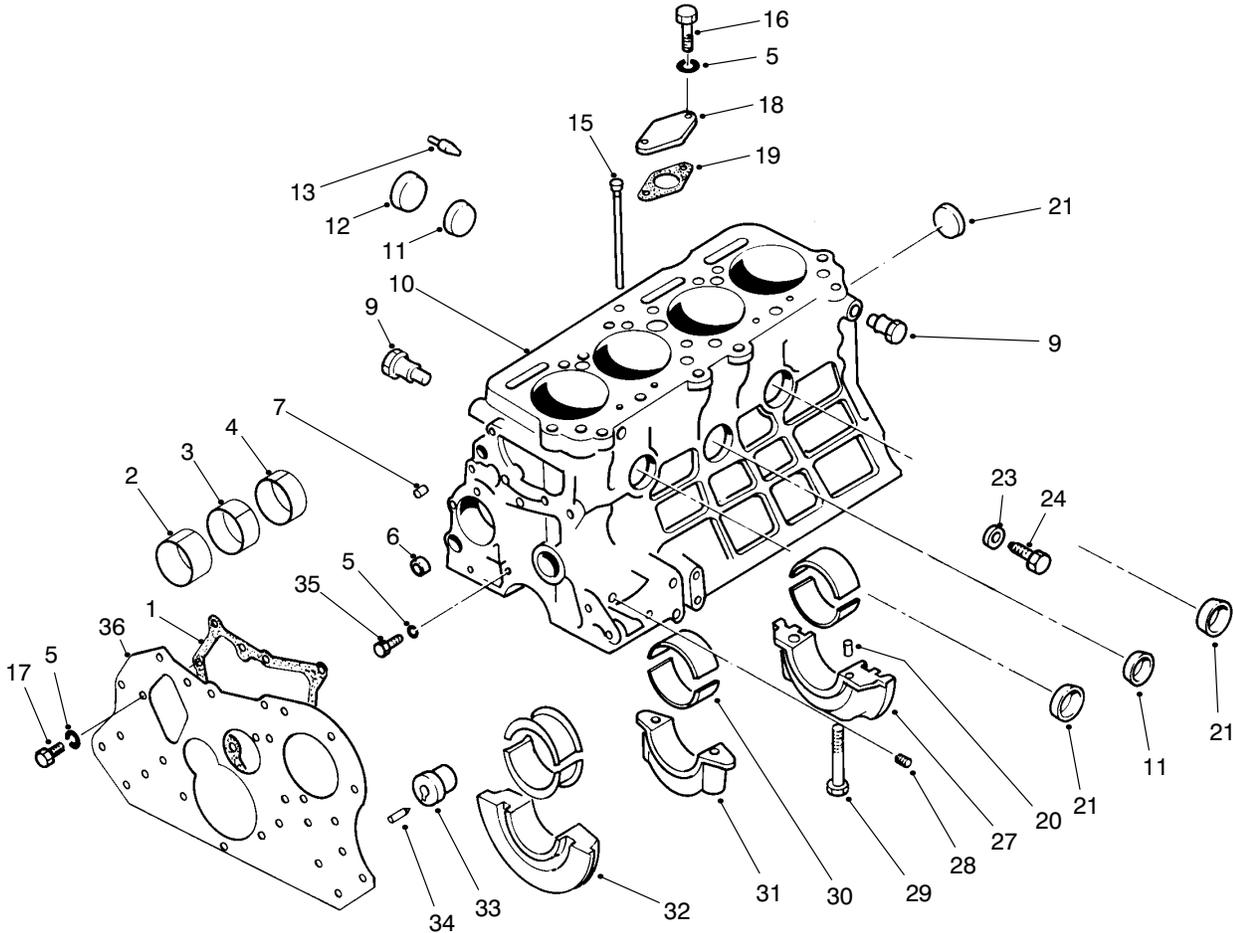
†Not Serviceable Separately



T-0142-2

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	Screw	7	18	94-8451	Spacer - Coupling	1
3	48-8070	Washer - Lock	12	19	3213-20	Screw - HH	2
4	48-7830	Screw - HH	8	20	3253-7	Washer - Lock	2
5	48-3380	Leg - Support	2	21	60-6870	Screw - HH	4
6	48-7780	Screw - HH	6	22	60-1010	Lug - Angle	1
7	48-9590	Washer - Lock	16	23	48-9480	Screw	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	Screw - HH	2	26	48-9580	Washer	1
11	57-6380	Screw - HH	1	27	58-5100	Washer	2
12	42-9850	Washer - Lock	2	28	323-7	Screw - HH	4
13	48-7930	Nut - Hex.	3	29	323-6	Screw - HH	4
14	57-6380	Screw - HH	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

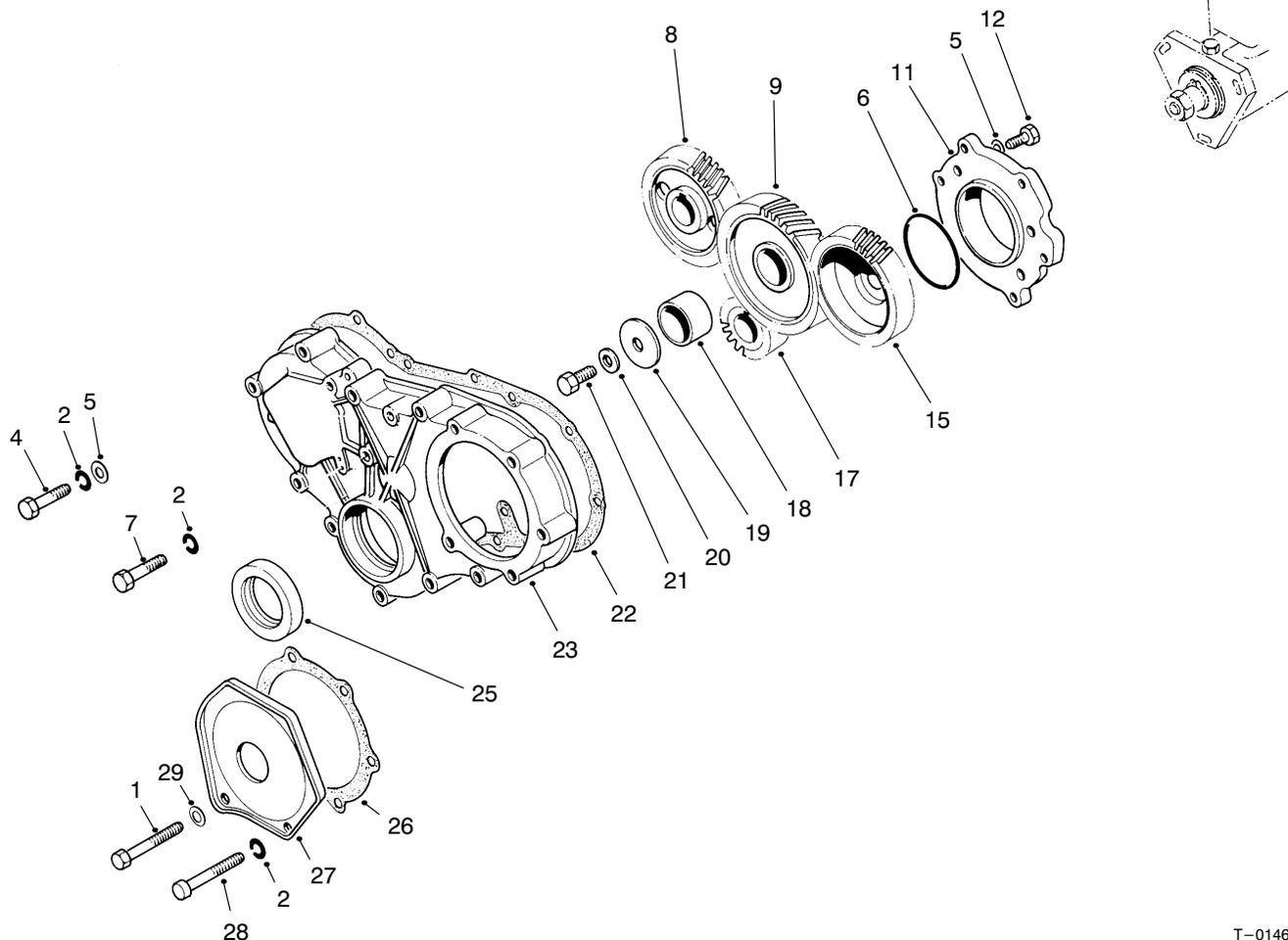
Ref. No.	Part No.	Description	No. Used
‡1	51-5730	Gasket	1
2	51-5500	Bushing - Camshaft No. 1	1
3	51-5510	Bushing - Camshaft No. 2	1
4	51-5520	Bushing - Camshaft No. 3	1
5	51-7250	Washer	5
6	51-5530	Cap - Sealing	2
7	51-5540	Pin - Dowel, Gear Case	2
9	51-5580	Hanger	2
†10		Crankcase	1
11	51-5600	Cap - Sealing	3
12	51-5670	Cap - Sealing	2
13	51-8260	Switch - Indicator, Oil Pressure	1
15	51-5560	Pipe - Oil	1
16	60-7280	Bolt	2
17	60-7110	Bolt	2
18	51-6480	Cover	1
‡19	51-6490	Gasket	1
20	51-5610	Pin - Dowel	8

Ref. No.	Part No.	Description	No. Used
21	51-5590	Cap - Sealing	3
23	51-8270	Washer - Sealing	1
24	51-8280	Bolt	1
†27		Cap - Bearing No. 3	1
28	86-6240	Plug - Taper	3
29	86-6230	Bolt	6
30	51-5770	Bearing Set Std.	1
*	51-8100	Bearing Set 0.25mm U.S.	1
*	51-8110	Bearing Set 0.50mm U.S.	1
*	51-8120	Bearing Set 0.75mm U.S.	1
†31		Cap - Bearing No. 2	1
†32		Cap - Bearing No. 1	1
33	51-5640	Asm - Idler Gear Shaft (Incl. Ref. #34)	1
34	51-5650	Pin - Spring	1
35	60-7310	Bolt	1
36	86-6250	Plate - Front	1
*	92-5268	Kit - Engine Gasket	1
*	92-2986	Engine - Complete	1

*Not Illustrated

†Not Serviceable Separately

‡Included in Engine Gasket Kit

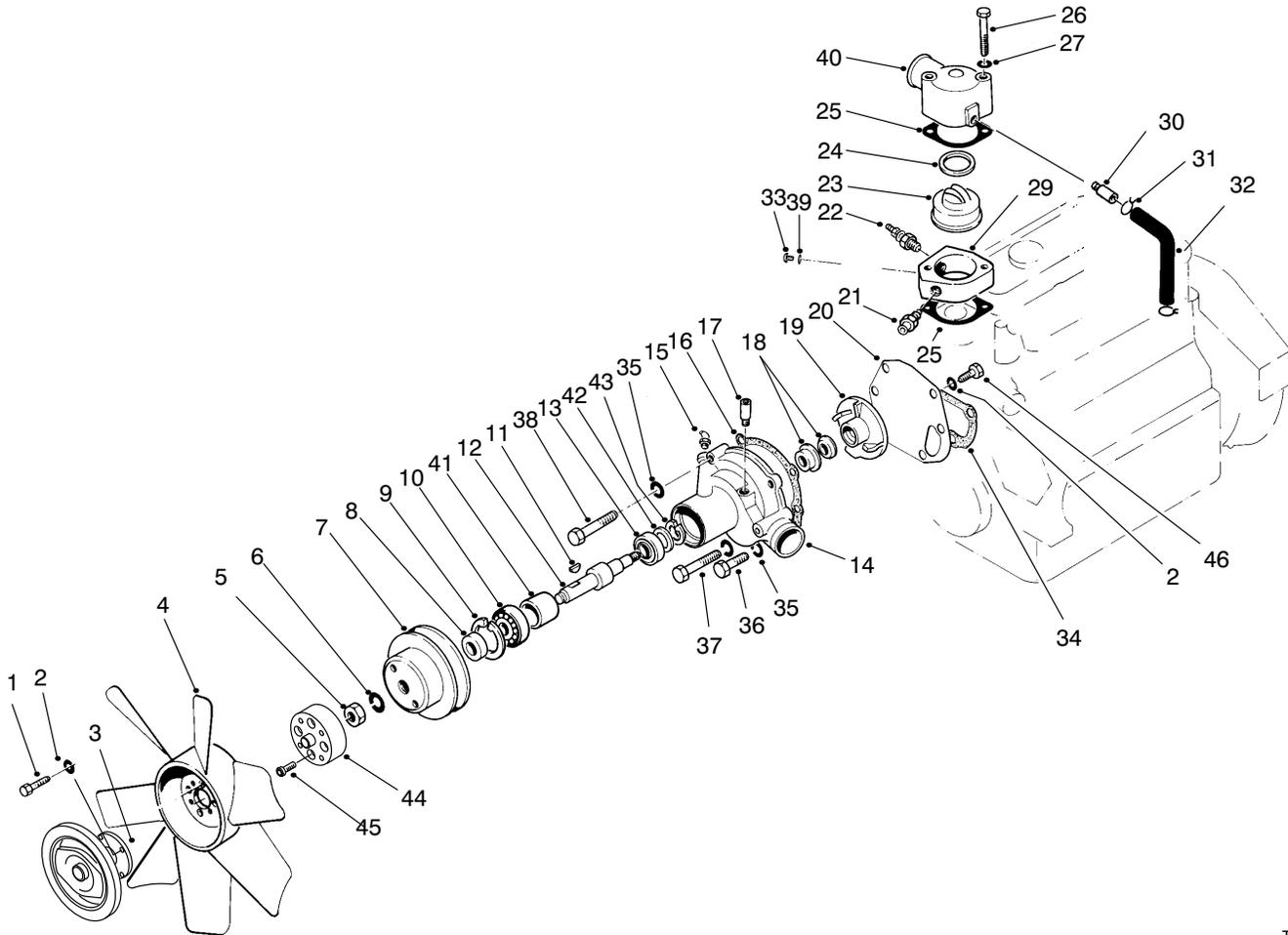


T-0146A

TIMING GEAR & CASE COMPONENTS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	60-7180	Bolt	1	17	51-6450	Gear - Crankshaft	1
2	51-7250	Washer - Spring	13	18	86-6300	Bushing	1
4	92-6094	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	Asm-Idler Gear (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	70-2860	Bolt	4
				‡29	51-5840	Washer - Sealing	1

‡Included in Engine Gasket Kit



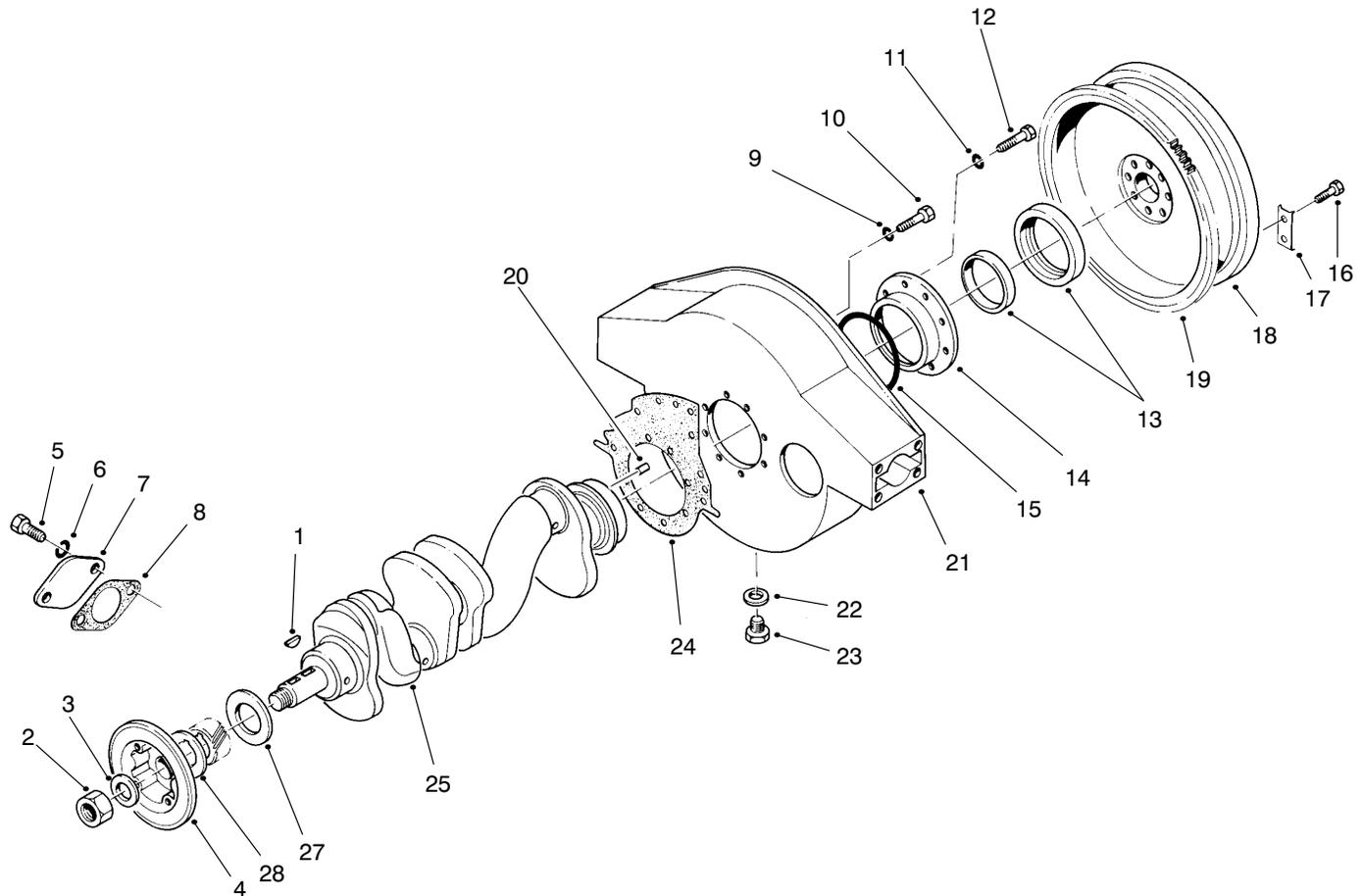
T-1788

WATER PUMP & THERMOSTAT HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-2	Screw - HH	8
2	51-7250	Washer - Spring	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	1
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	Asm - Water Pump (Incl. Ref. #1, 2, 5, 6, & 8-13)	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	Screw - HH	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	Asm - Elbow (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	Bolt	2

‡Included in Engine Gasket Kit

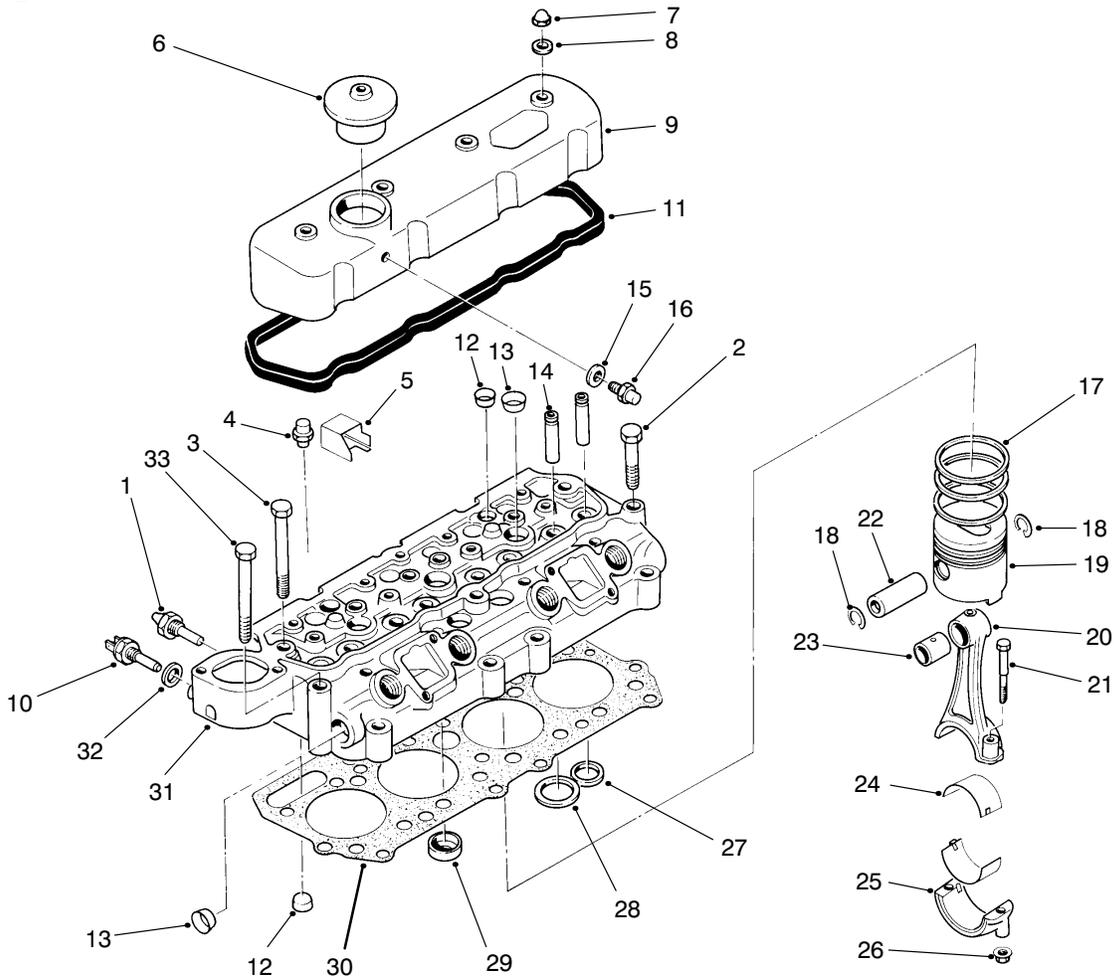


T-0150-1

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	Asm - Flywheel (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	Asm - Crankshaft (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	Asm - Oil Seal	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	Asm-Rocker Cover (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

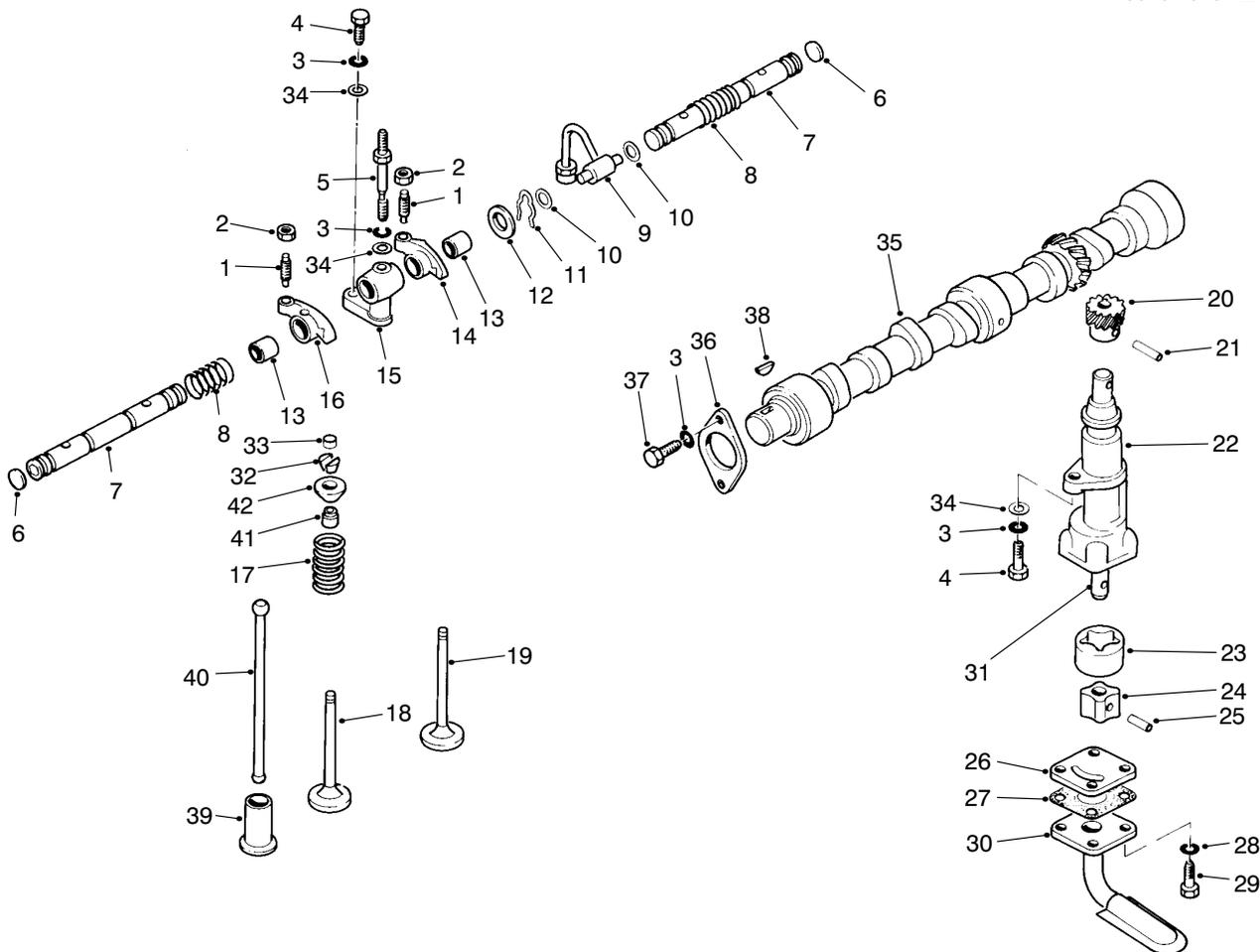
Ref. No.	Part No.	Description	No. Used
20	51-6200	Asm-Connecting Rod (Incl. Ref. #21, 23, 25 & 26)	4
21	51-6220	Bolt	8
22	51-6180	Pin - Piston	4
23	51-6210	Bushing	4
24	51-6240	Bearing - Connecting Rod (Std.)	8
*	51-8190	Bearing - Connecting Rod U.S. 0.25mm	8
*	51-8200	Bearing - Connecting Rod U.S. 0.50mm	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	Asm-Cylinder Head (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

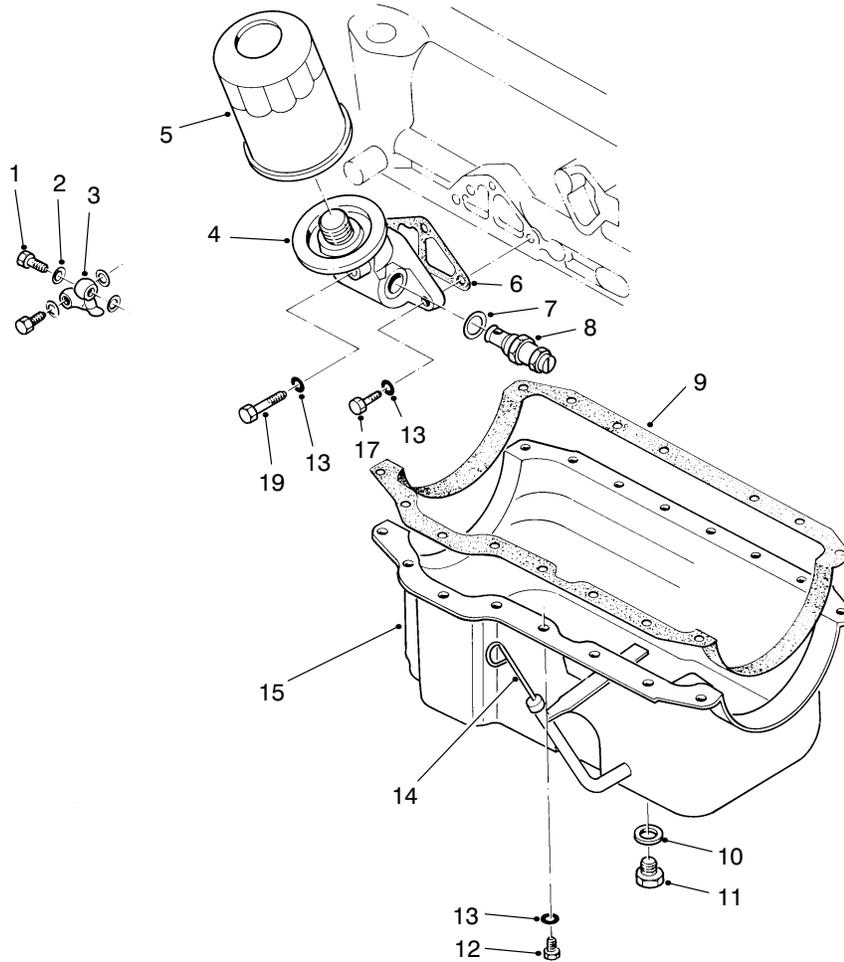
Ref. No.	Part No.	Description	No. Used
1	51-5130	Screw - Adjusting	8
2	51-5210	Nut - Jam	8
3	51-7250	Washer - Spring	11
4	60-7370	Bolt	5
5	51-5190	Bolt	4
6	51-5090	Plug - Expansion	2
7	51-5080	Asm-Rocker Shaft (Incl. Ref. #6)	2
8	51-5100	Spring - Rocker Shaft	2
9	51-5250	Pipe - Oil	1
†10	51-5240	O-Ring	2
11	51-5260	Ring - Snap	4
12	51-5270	Washer	4
13	51-5120	Bushing - Rocker	8
14	51-5200	Asm-Rocker (Incl. Ref. #1, 2 & 13)	4
15	51-5150	Bracket - Rocker Shaft	4
16	51-5110	Asm-Rocker (Incl. Ref. #1, 2 & 13)	4
17	51-5320	Spring - Valve	8
18	51-5340	Valve - Inlet	4
19	51-5330	Valve - Exhaust	4
20	51-6680	Gear - Pump Drive	1
21	51-6690	Pin	1

Ref. No.	Part No.	Description	No. Used
22	51-6670	Asm-Oil Pump (Incl. Ref. #20, 21, 23-26, 28-29 & 31)	1
†23		Rotor - Outer	1
†24		Rotor - Inner	1
†25		Pin	1
26	51-6720	Cover - Oil Pump Case	1
‡27	51-6760	Gasket	1
28	51-7400	Washer - Spring	4
29	60-7290	Bolt	4
30	51-6750	Strainer - Oil	1
†31		Shaft - Pump Main	1
32	51-5290	Keeper - Valve	16
33	51-5280	Cap	8
34	51-5160	Washer - Flat	9
35	51-5450	Camshaft	1
36	51-5470	Plate - Thrust	1
37	60-7110	Bolt	2
38	51-5460	Key - Woodruff	1
39	86-6220	Tappet	8
40	51-5430	Pushrod	8
41	51-5310	Seal - Valve Stem	8
42	86-6210	Retainer - Upper	8
*	51-6700	Asm-Oil Pump Rotor (Incl. Ref. #23-25 & 31)	1

*Not Illustrated

†Not Serviceable Separately

‡Included in Engine Gasket Kit



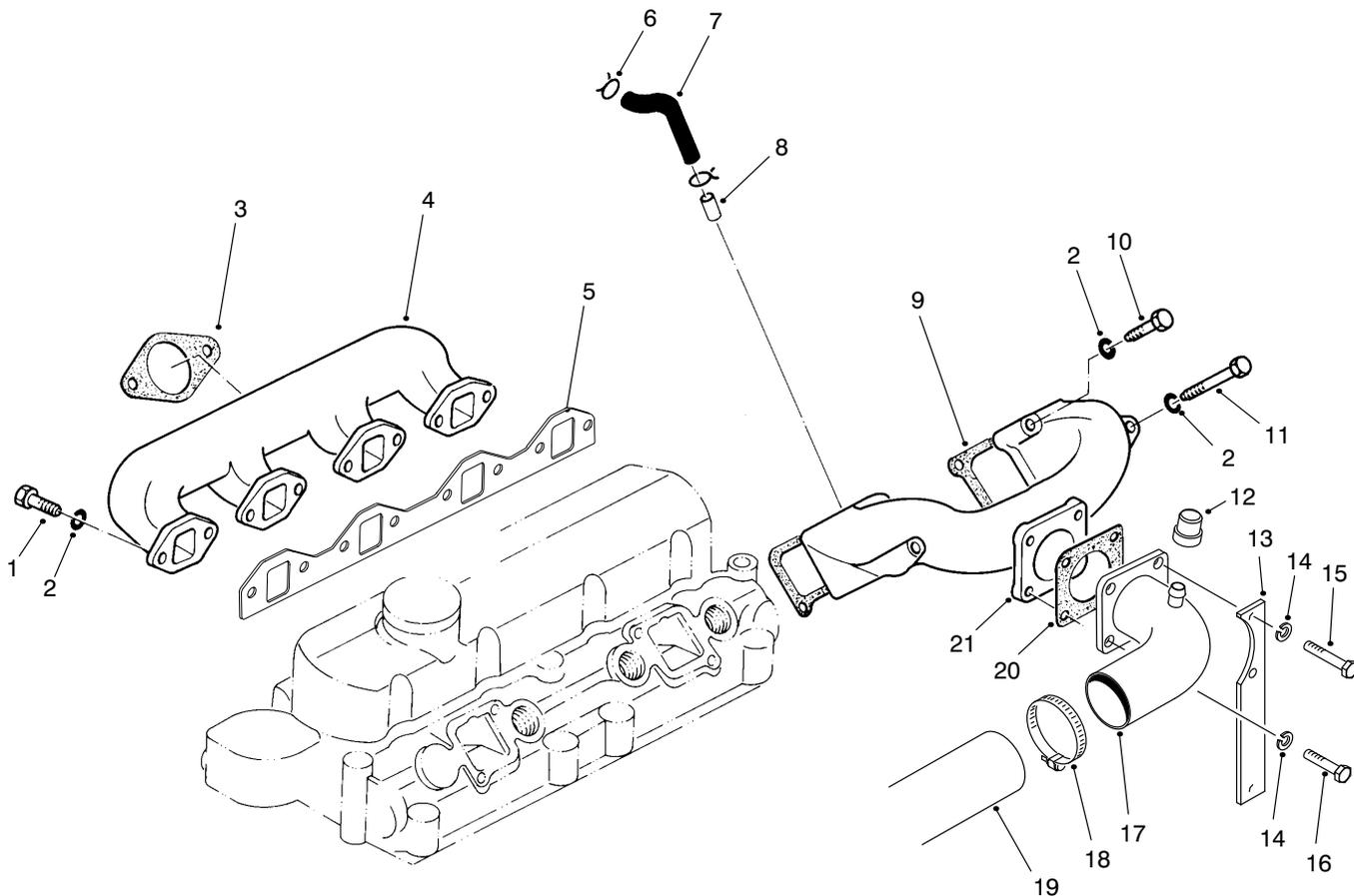
T-0153

OIL PAN & OIL FILTER

Ref. No.	Part No.	Description	No. Used
1	51-6880	Bolt - Joint	2
‡2	51-6890	Gasket	4
3	51-6900	Pipe - Oil	1
4	51-6800	Asm-Oil Filter (Incl. Ref. #5 & 7-8)	1
5	49-2500	Element - Filter	1
‡6	51-6870	Gasket	1
‡7	51-6820	Washer - Gasket	1
8	51-6830	Asm-Relief Valve	1
‡9	68-6410	Gasket	1

Ref. No.	Part No.	Description	No. Used
‡10	68-6430	Gasket	1
11	68-6420	Plug	1
12	60-7110	Bolt	16
13	51-7250	Washer - Spring	19
14	68-6440	Dipstick	1
15	68-6400	Asm-Oil Pan (Incl. Ref. #10 & 11)	1
17	60-7370	Bolt	2
19	60-7360	Bolt	1

‡Included in Engine Gasket Kit



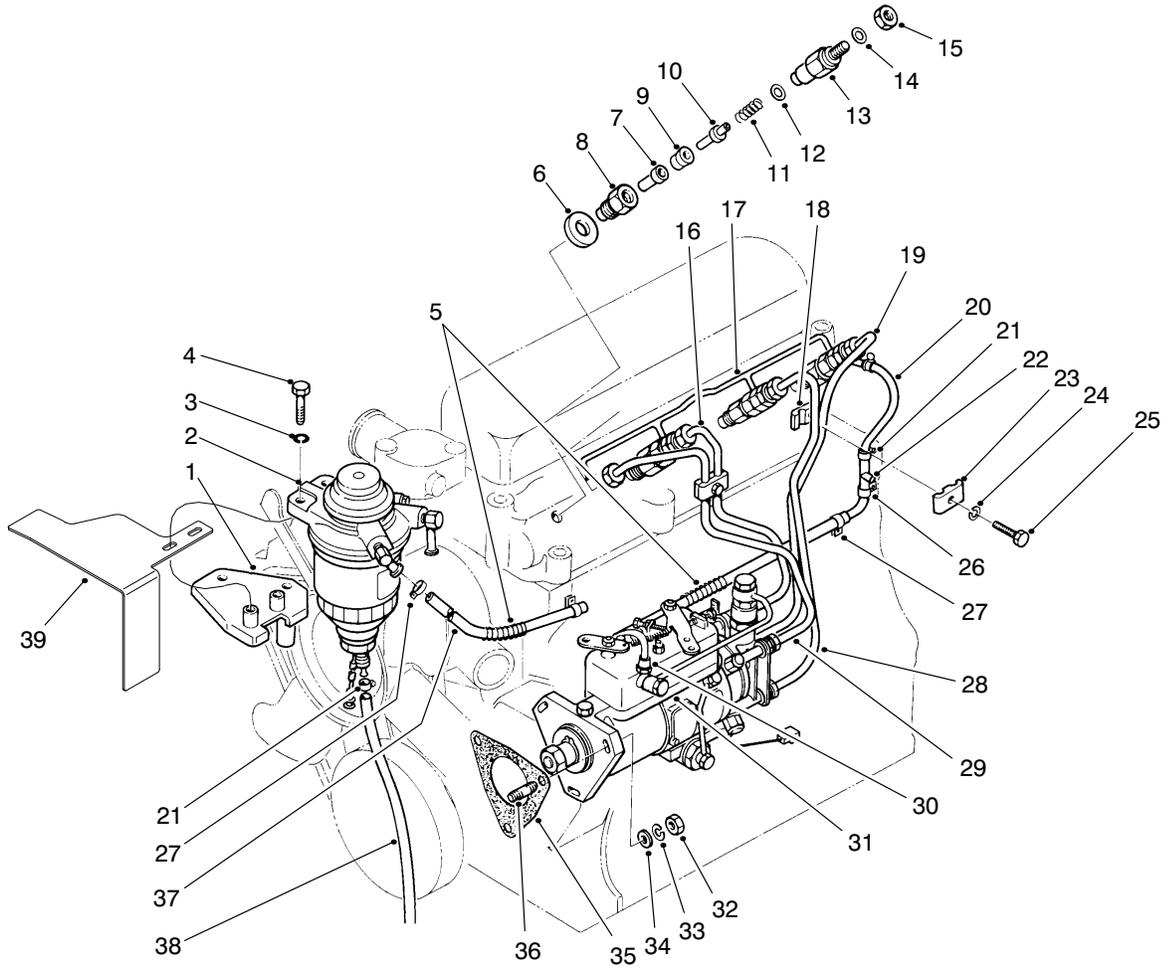
T-1686

INTAKE & EXHAUST MANIFOLD

Ref. No.	Part No.	Description	No. Used
1	60-7280	Bolt	8
2	51-7250	Washer - Spring	12
‡3	51-6630	Gasket - Exhaust Pipe	1
4	51-6620	Manifold - Exhaust	1
‡5	51-6660	Gasket - Exhaust Manifold	1
6	51-6600	Clamp	2
7	51-7190	Hose - Rubber	1
8	51-7170	Pipe	1
‡9	51-6500	Gasket - Intake Manifold	2
10	60-7040	Bolt	2
11	60-7300	Bolt	2

Ref. No.	Part No.	Description	No. Used
12	69-1940	Indicator - Electrical	1
13	92-4754	Bracket - Cable	1
14	43-5930	Washer - Lock	4
15	48-7630	Screw - HH	2
16	48-7620	Screw - HH	2
17	92-4731	Pipe - Intake	1
18	2412-42	Clamp - Hose	1
19	92-4752	Hose - Intake	1
‡20	51-6550	Gasket - Intake Pipe	1
21	51-6540	Manifold - Inlet	1

‡Included in Engine Gasket Kit



T-0155A

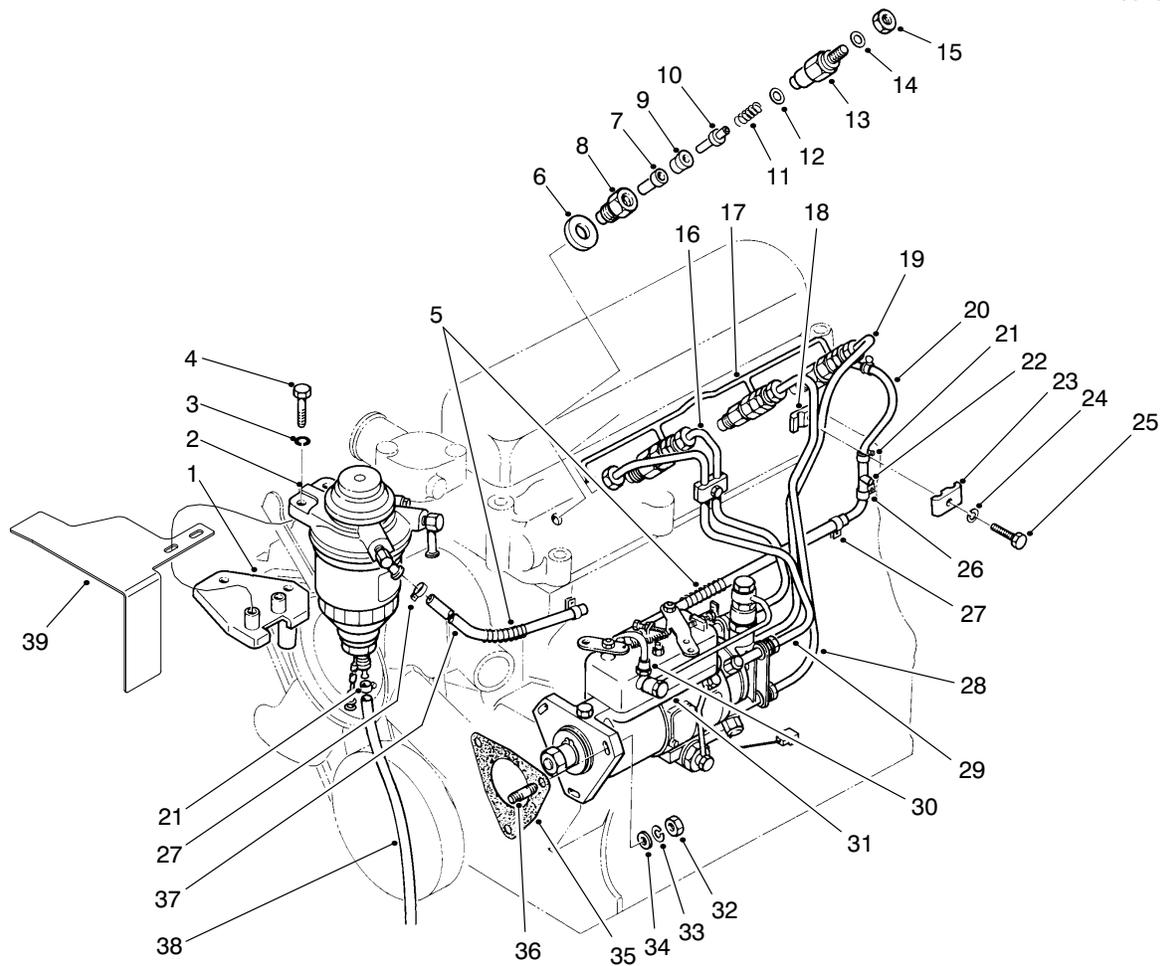
INJECTION PUMP & NOZZLE COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	60-5000	Bracket	1
2	60-5010	Asm-Fuel Filter	1
3	51-7250	Washer	2
4	60-7050	Bolt	2
5	60-5030	Wrap - Spiral	2
‡6	72-0140	Gasket	4
7	72-0160	Asm-Nozzle Tip	4
8	72-0270	Nut - Retaining	4
9	72-0280	Spacer	4
10	72-0290	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	Asm-Nozzle (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

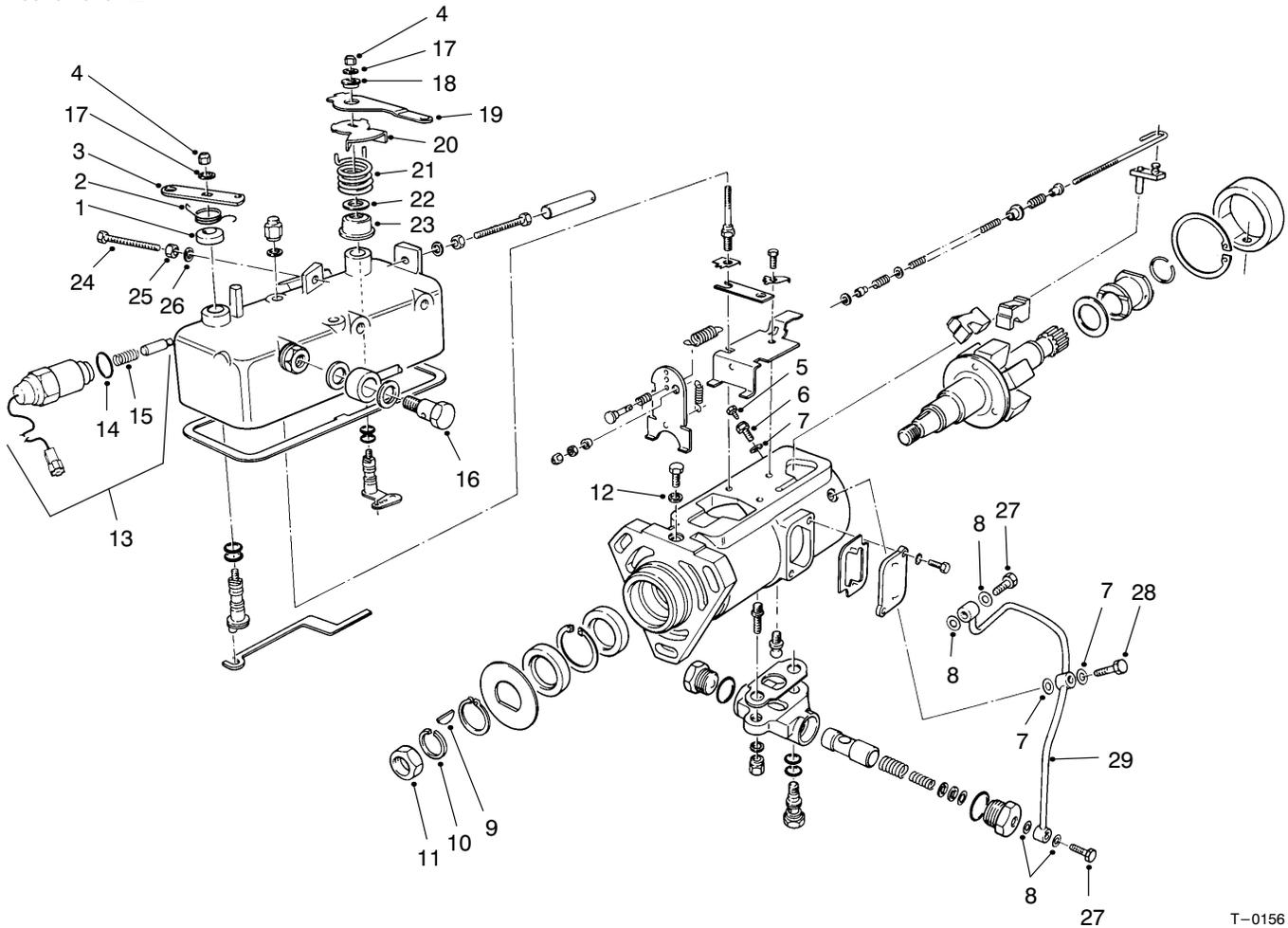


T-0155A

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	Asm – Injection Pump (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

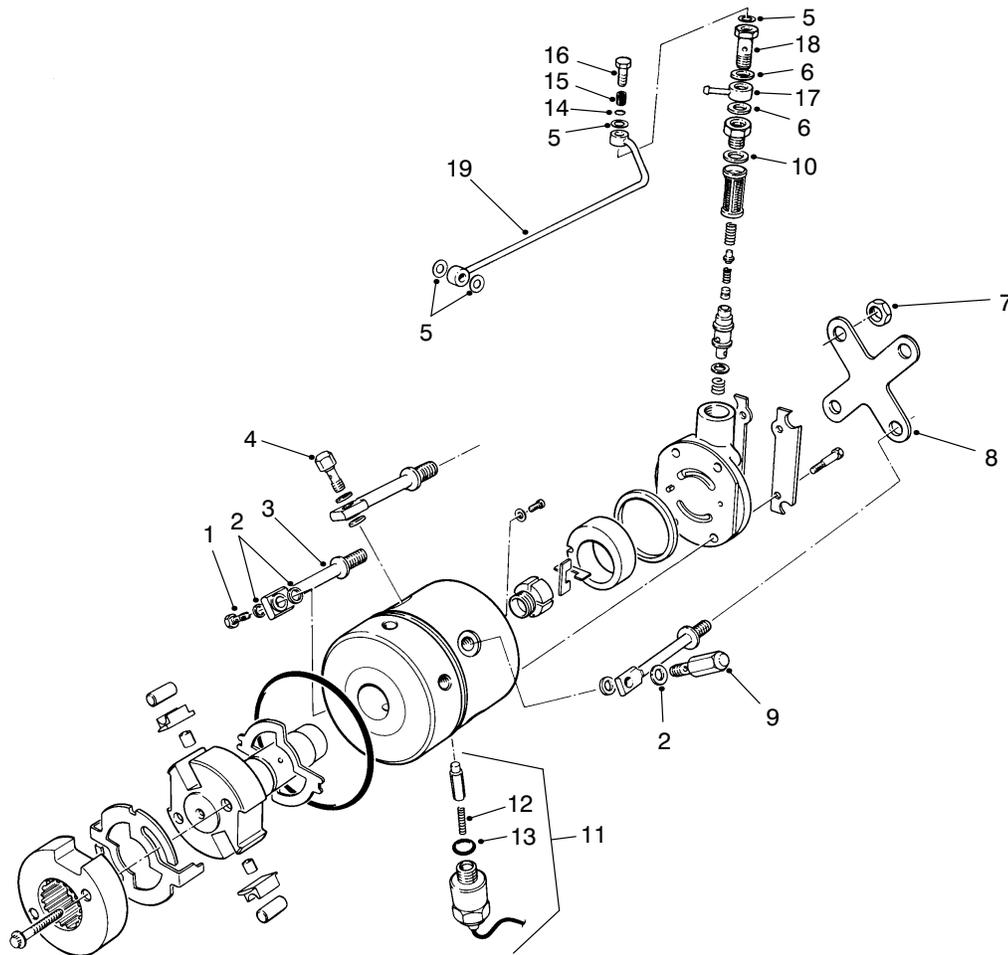


T-0156

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

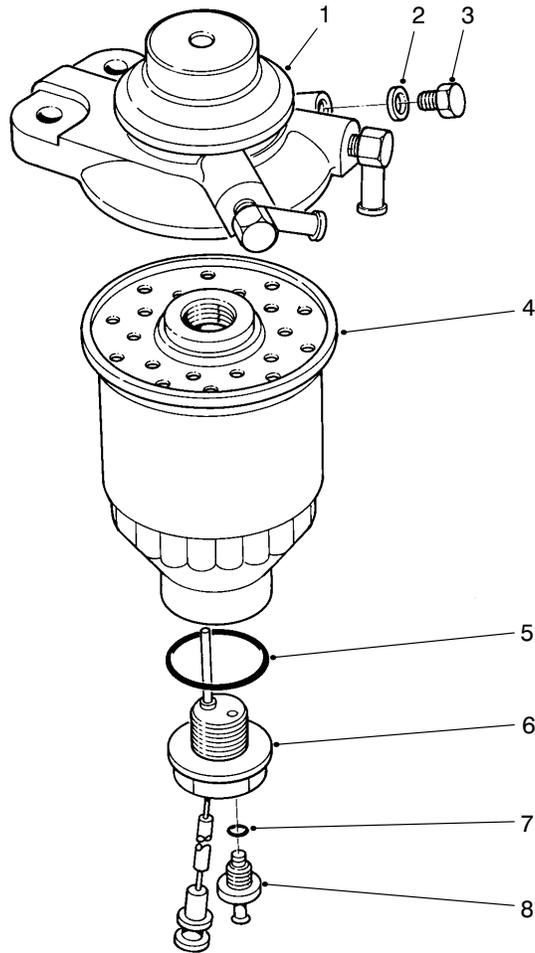
Ref. No.	Part No.	Description	No. Used
16	86-6650	Bolt - Outlet	1
17	86-6750	Washer	2
18	86-6700	Bushing	1
19	86-6690	Lever	1
20	86-6710	Arm	1
21	86-6730	Spring	1
22	86-6720	Washer	1
23	86-6740	Guide	1
24	86-6770	Screw	1
25	86-6680	Nut	1
26	86-6790	Washer	1
27	86-6820	Bolt	2
28	86-6800	Bolt	1
29	86-6810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

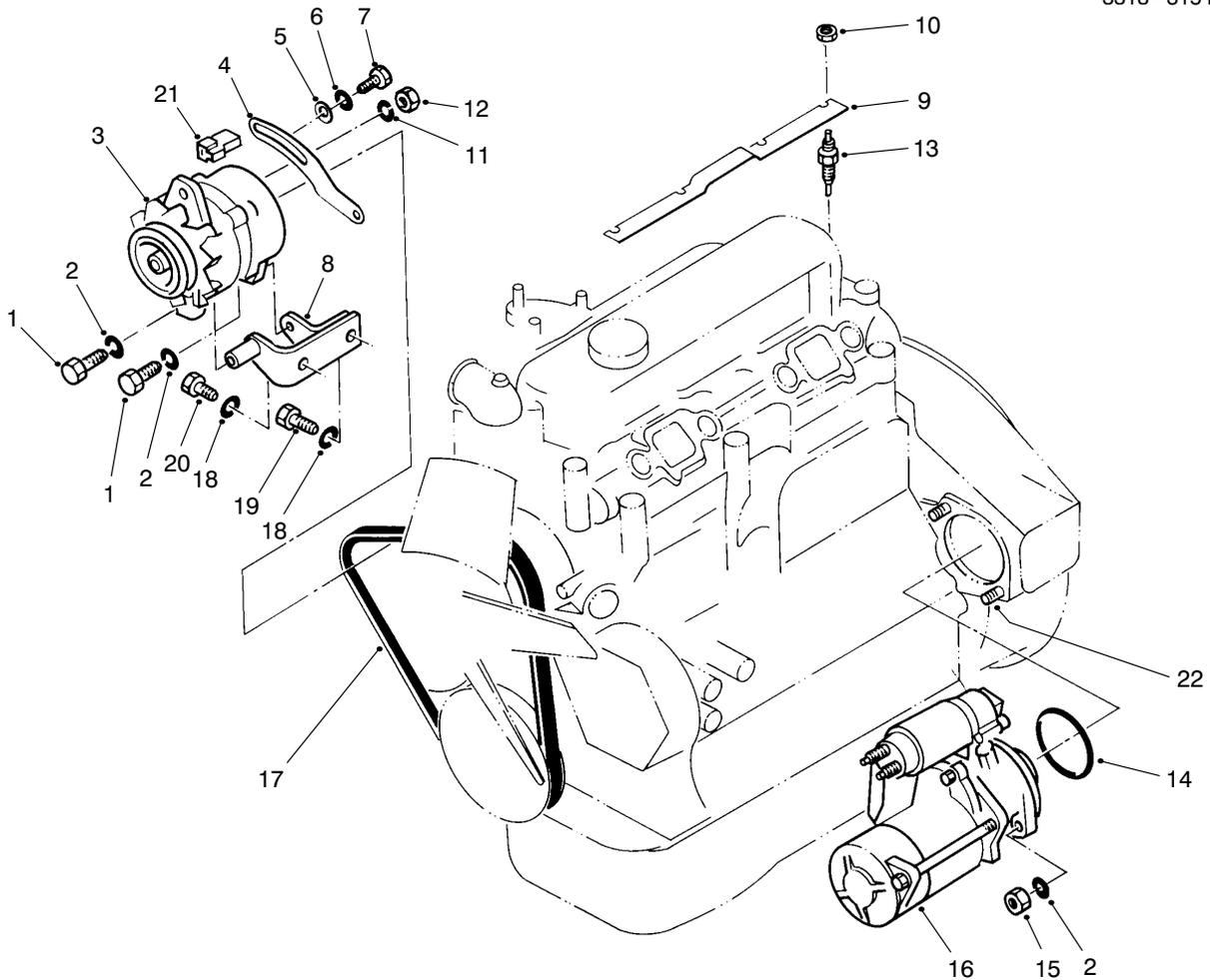


T-0158

FUEL FILTER ASSEMBLY NO. 60-5010

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
*1		Asm-Body	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	Asm-Filter Element (Incl. Ref. #5)	1	8	60-5490	Kit - Drain Plug (Incl. Ref. #7)	1

*Not Serviceable Separately



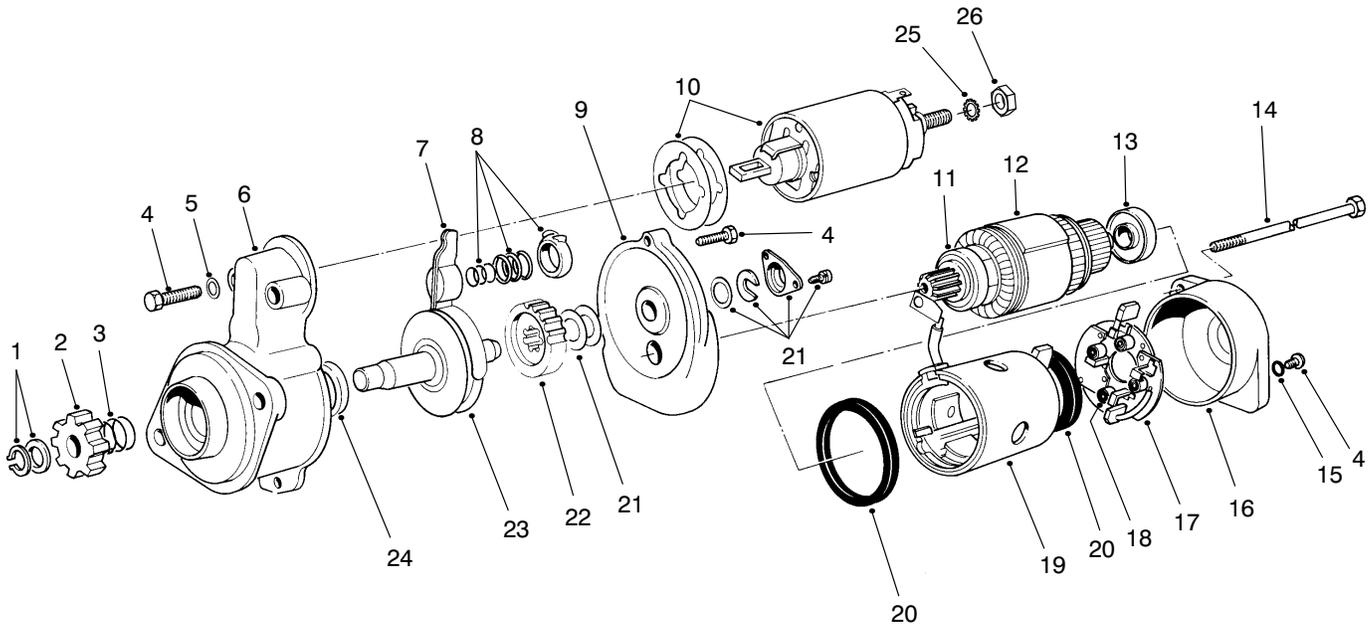
T-0159

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	51-8250	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	43-5920	Washer - Spring	1				
12	48-7880	Nut	1				

*Not Serviceable Separately

‡Included in Engine Gasket Kit



T-0160A

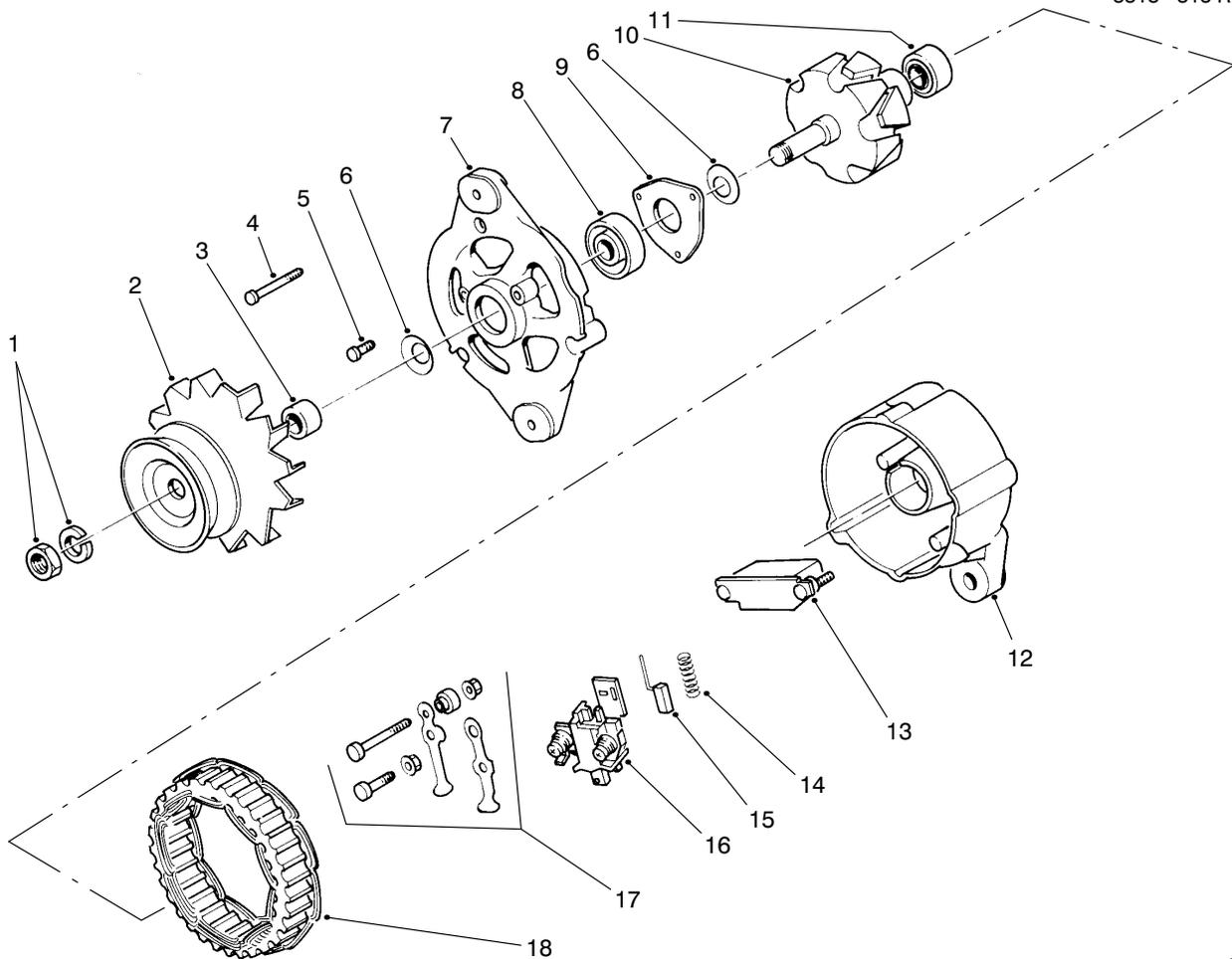
STARTER MOTOR ASSEMBLY NO. 51-7590

Ref. No.	Part No.	Description	No. Used
1	51-7740	Asm-Retaining Ring	1
2	51-7730	Asm-Pinion (Incl. Ref. #1 & 3)	1
†3		Spring	1
4	51-7600	Screw - Set	1
5	51-7610	Packing	2
6	51-7620	Asm-Front Cover (Incl. Ref. #24)	1
7	51-7640	Asm-Lever	1
8	51-7650	Asm-Spring	1
9	51-7660	Asm-Center Bracket	1
10	51-7670	Solenoid	1
11	51-7690	Bearing	1
12	51-7680	Asm-Armature (Incl. Ref. #11 & 13)	1
13	51-7700	Bearing	1
14	51-7710	Bolt Set	1

Ref. No.	Part No.	Description	No. Used
15	51-7840	Ring - Rubber	2
16	51-7830	Cover - Rear	1
17	51-7810	Asm-Brush Holder (Incl. Ref. #18)	1
18	51-7820	Spring - Brush	4
19	51-7800	Asm-Yoke	1
20	51-7790	Packing	2
21	51-7780	Cover Set	1
22	51-7770	Gear - Pinion	1
23	51-7760	Asm-Shaft	1
24	51-7630	Seal - Oil	1
25	3255-8	Washer - Lock	1
26	48-7930	Nut - Hex.	1
*	51-7750	Asm-Gear (Incl. Ref. #22 & 23)	1
*	51-7720	Asm-Clutch Shaft (Incl. Ref. #1-3 & 21-24)	1

*Not Illustrated

†Not Serviceable Separately

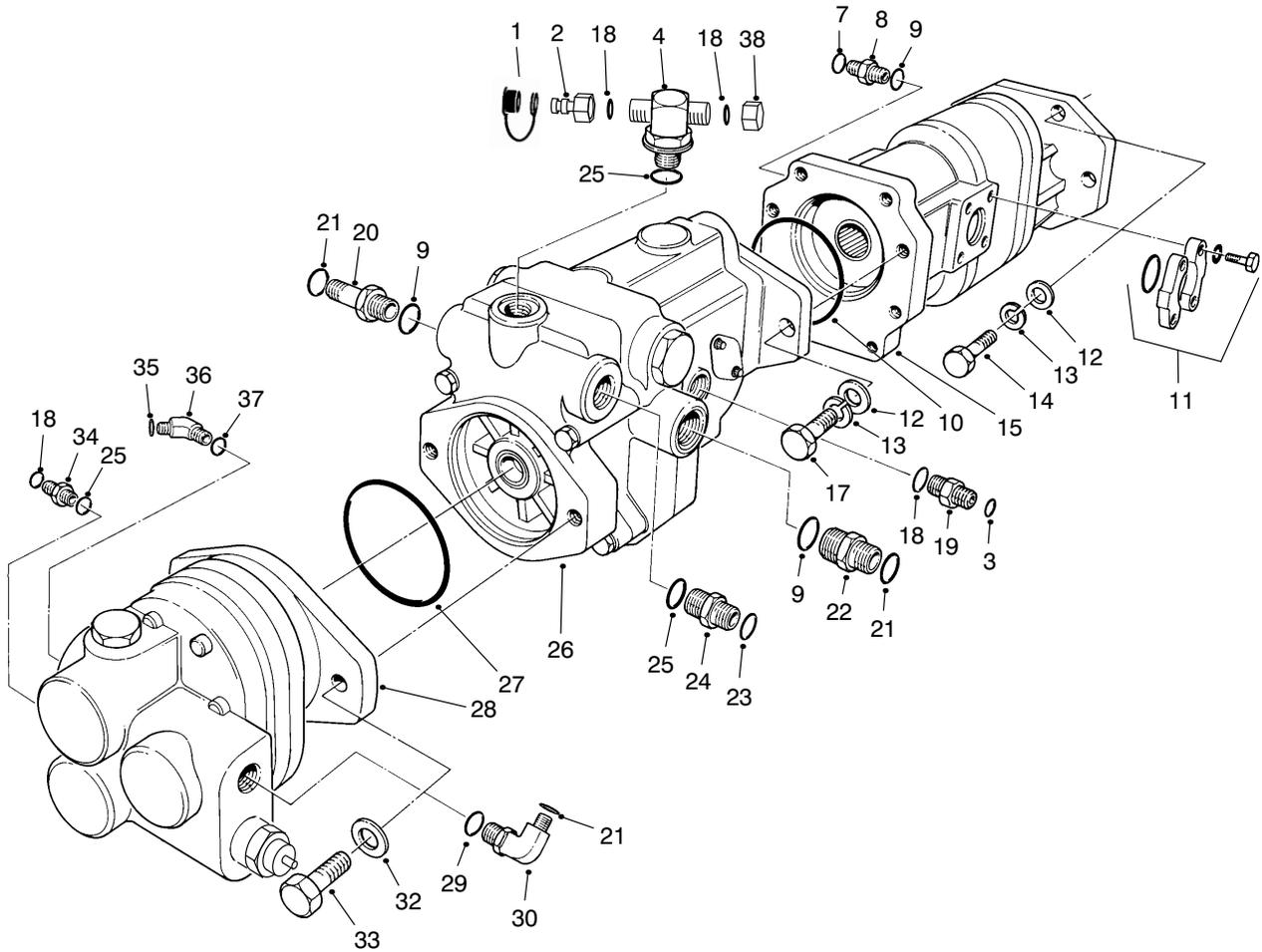


T-0161

ALTERNATOR ASSEMBLY NO. 51-8250

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-7850	Asm-Nut	1	10	51-7910	Asm-Rotor (Incl. Ref. #11)	1
2	60-5330	Asm-Pulley (Incl. Ref. #3)	1	11	51-7920	Bearing	1
†3		Collar - Shaft	1	12	86-6430	Asm-Rear Cover (Incl. Ref. #13,16 & 17)	1
4	51-7870	Screw - Set	1	13	86-6440	Asm-Rectifier	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	Asm-Front Cover (Incl. Ref. #5, 6, 8 & 9)	1	16	51-7960	Asm-Regulator (Incl. Ref. #14 & 15)	1
8	60-5350	Bearing	1	17	51-7950	Asm-Terminal	1
†9		Plate - Bearing Retainer	1	18	51-7930	Stator	1

*Not Serviceable Separately

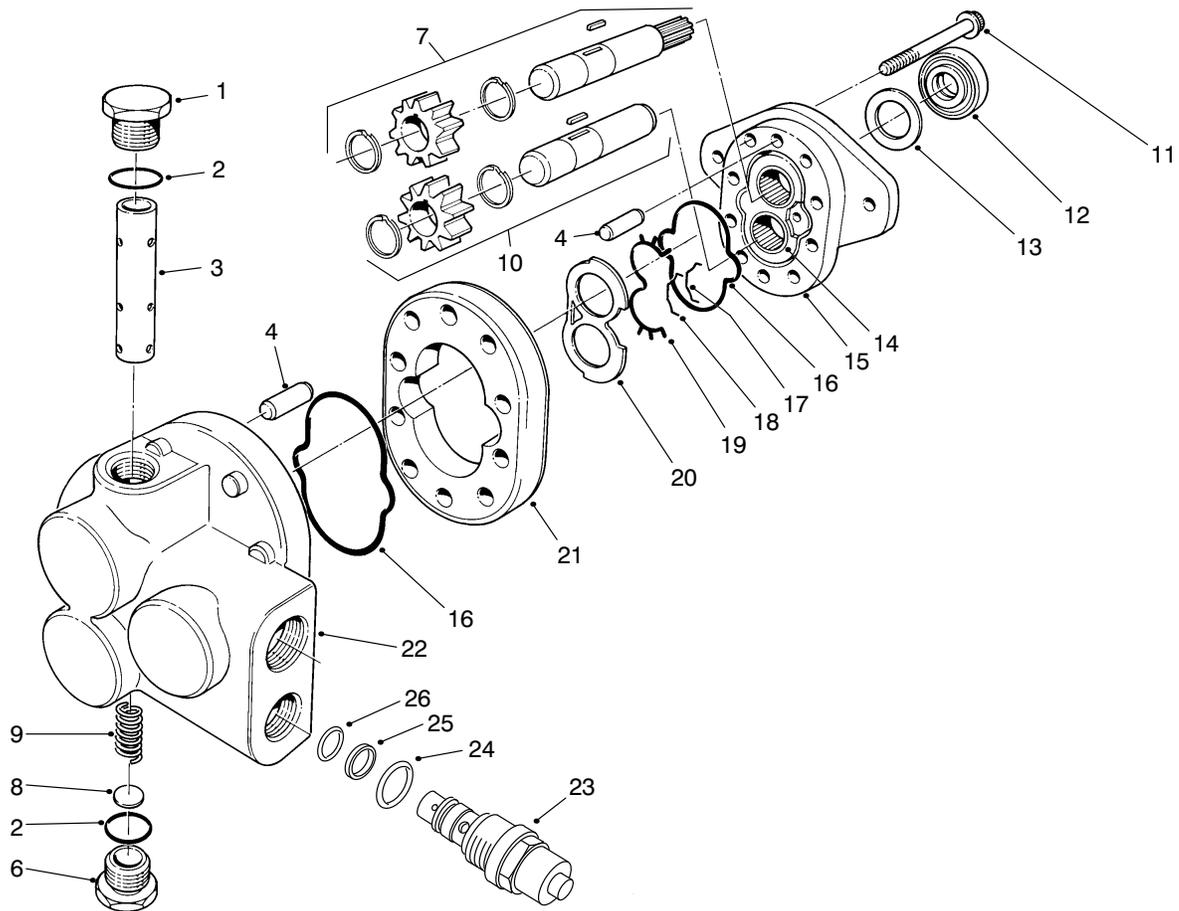


T-0162A

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	Asm - Gear Pump (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



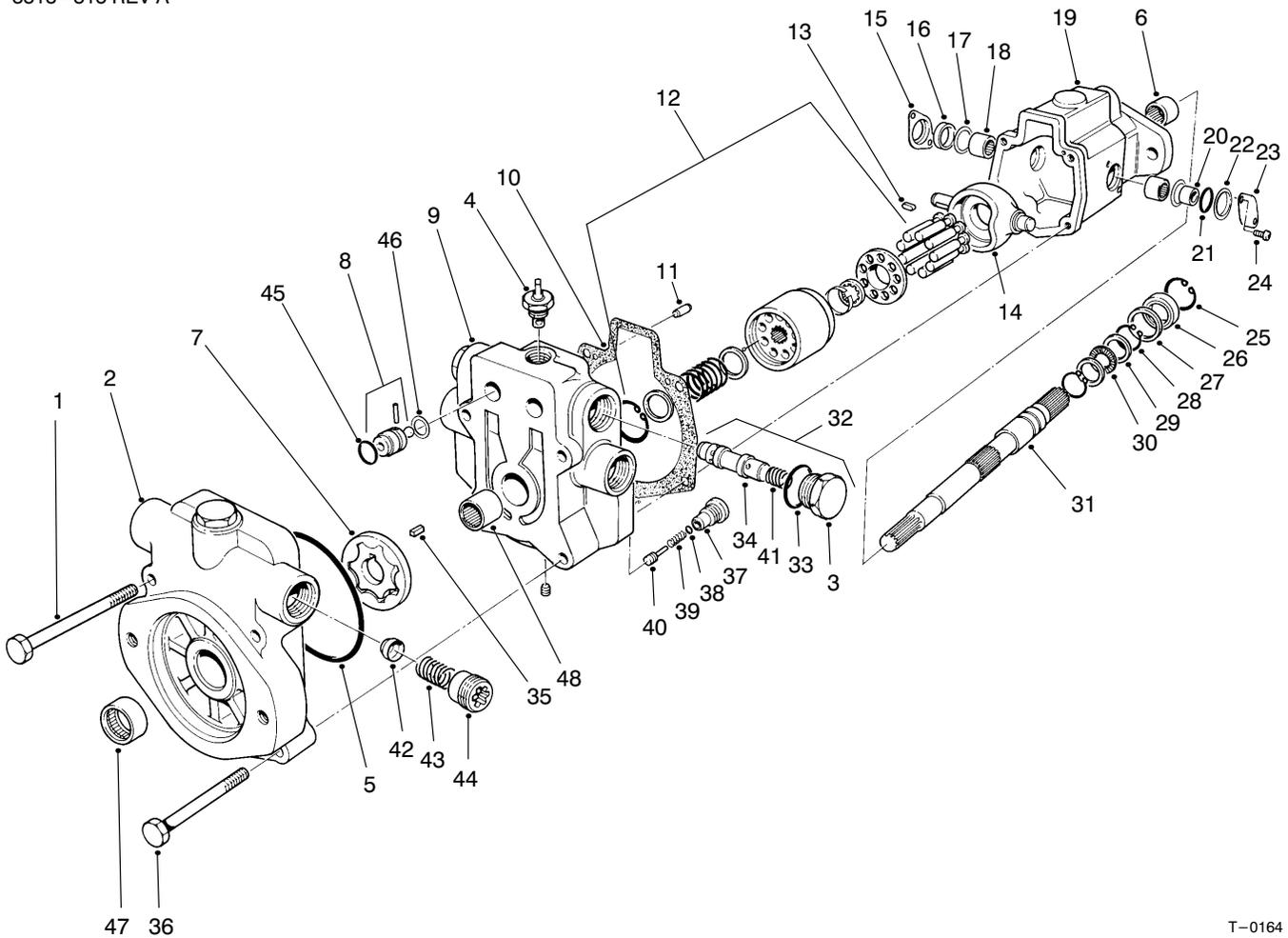
T-0163A

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	Asm - Body (Incl. Ref. #4)	1
6	60-5710	Plug (Incl. Ref. #2)	1	†22		Asm - Back Plate	1
7	60-5780	Asm - Drive Gear (Incl. Ref. #5-8)	1	23	92-9253	Asm - 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	Asm - Idler Gear	1	26	92-9254	O-Ring	1
11	42-3140	Screw - HH	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	Asm - Front Plate (Incl. Ref. #14)	1				
16	56-6710	O-Ring	2				
17	49-2680	O-Ring - Molded	1				

*Not Illustrated

†Not Serviceable Separately



T-0164

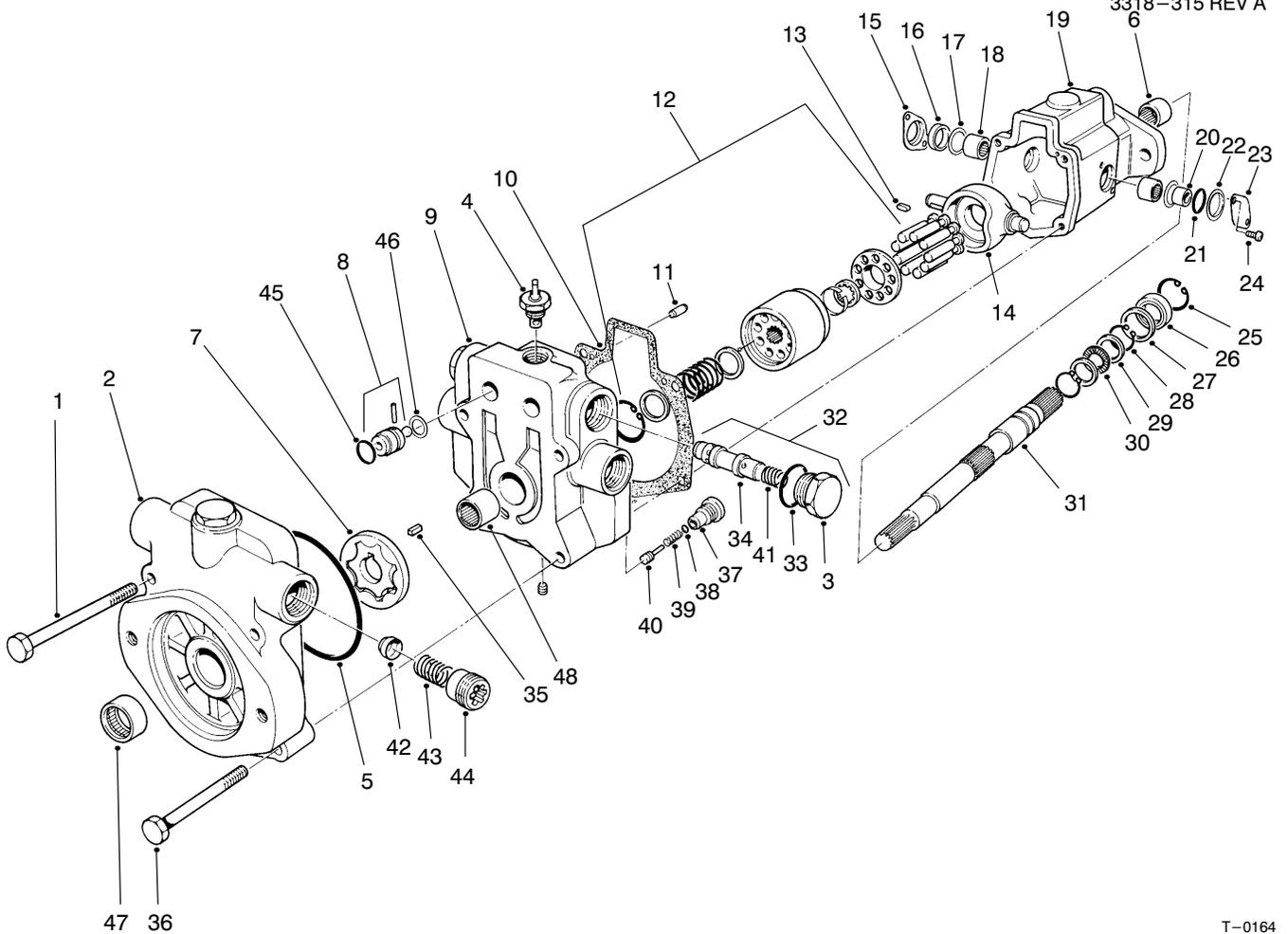
PISTON PUMP ASSEMBLY NO. 58-5660

Ref. No.	Part No.	Description	No. Used
1	60-6230	Screw - HH	2
2	60-6200	Asm - Charge Pump Adapter (Incl. Ref. #42-44 & 47)	1
3	70-1240	Asm - Plug (Incl. Ref. #33)	2
†4	39-2080	Asm - Tow Valve	1
5	60-6180	O-Ring	1
6	63-4390	Bearing - Needle	1
7	60-6350	Asm - Gerotor Gear	1
8	33-4970	Asm - Check Valve (Incl. Ref. #45 & 46)	2
9	60-6040	Asm - Back Plate (Incl. Ref. #4, 37-40 & 48)	1
10	60-6130	Gasket - Housing	1
11	95-6050	Pin - Dowel	2
12	60-6030	Asm - Rotating Kit	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	Asm - Housing (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	60-6320	Asm - Relief Valve	2
35	60-6320	Key	1
36	60-6220	Screw - HH	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



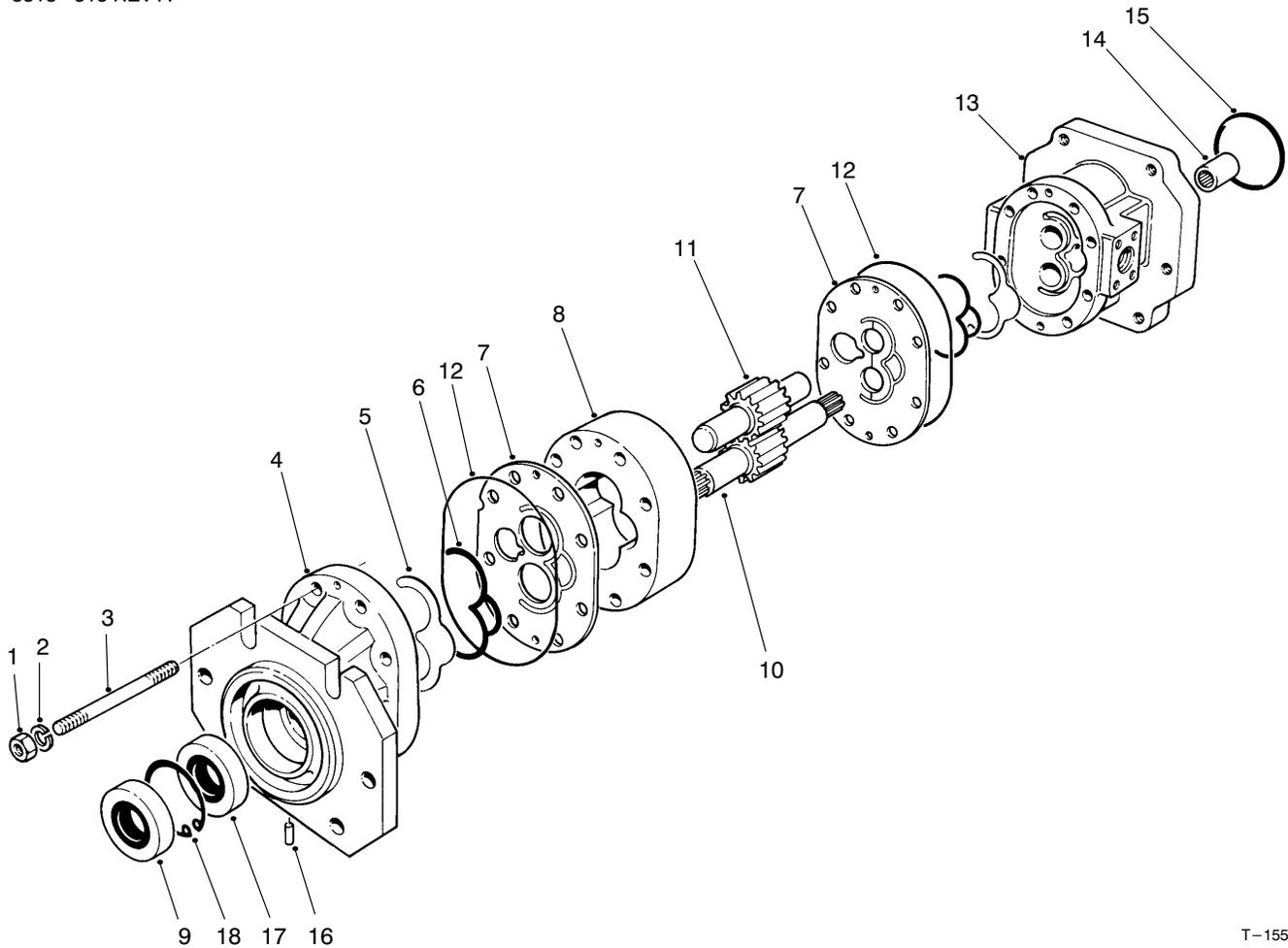
T-0164

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
*	60-6400	Kit - Seal (Incl. Ref. #5, 10, 16, 21, 26, 28, 29, 33, 38, 45 & 46)	1

Ref. No.	Part No.	Description	No. Used
*	60-6360	Kit - Charge Relief Spring	1
*	60-6340	Kit - Bleed-Off Valve (Incl. Ref. #37-40)	1

*Not Illustrated



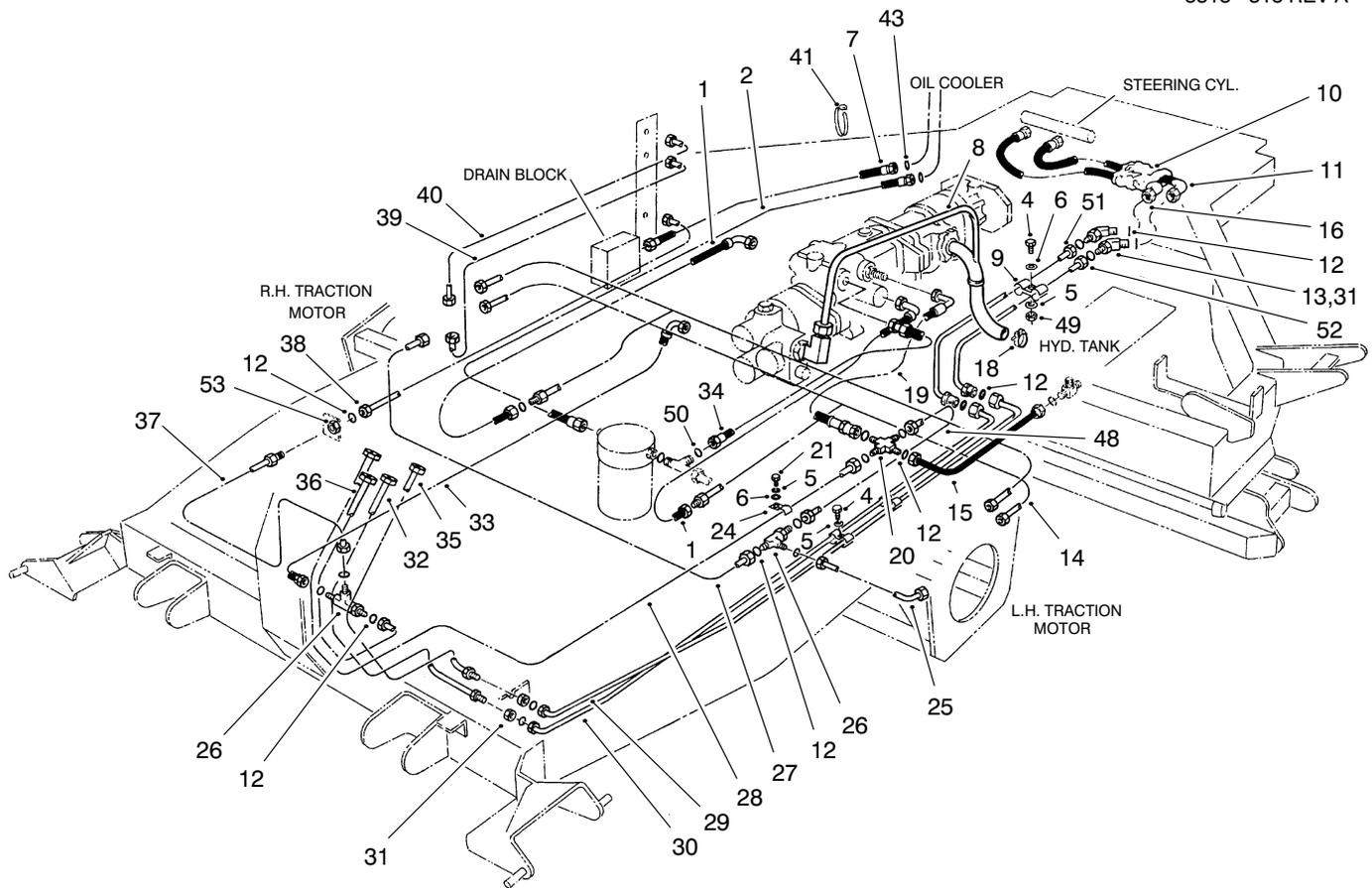
T-1556

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

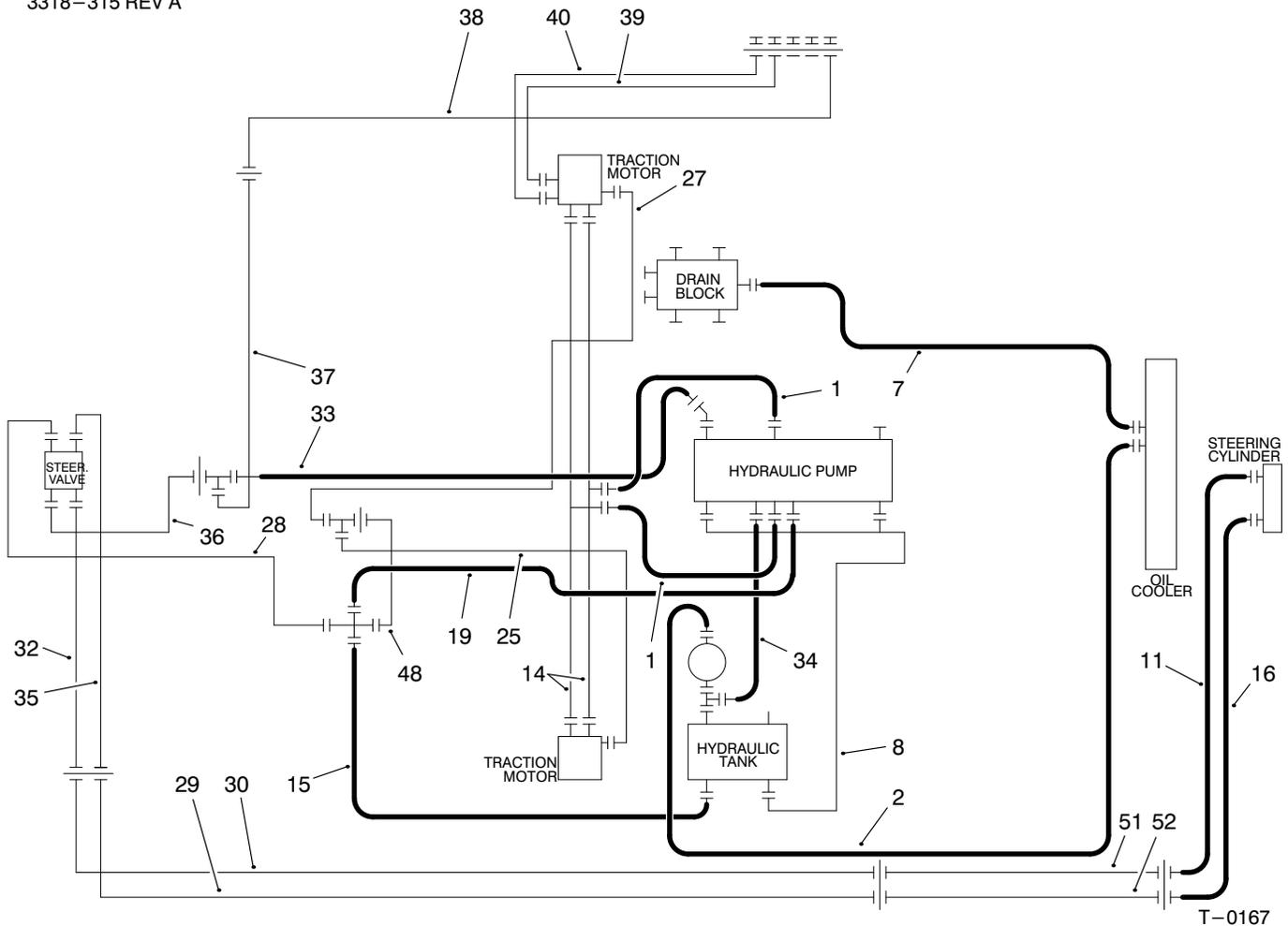


T-0166

HYDRAULIC CIRCUIT – TRACTION & STEERING

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-5860	Asm-Hose	2	27	58-4860	Asm-Tube	1
2	75-8200	Asm-Hose	1	28	74-2820	Asm-Tube	1
4	48-7640	Screw - HH	4	29	68-6310	Kit - Tube (Incl. Ref. #12 & 52)	1
5	43-5930	Washer - Lock	5	30	68-6340	Kit - Tube (Incl. Ref. #12 & 51)	1
6	48-8010	Washer	3	31	340-70	Nut - Bulkhead	4
7	75-8210	Asm-Hose	1	32	74-2780	Asm-Tube	1
8	60-1900	Asm-Tube	1	33	58-5720	Asm-Hose	1
9	58-3880	Clamp	3	34	58-5870	Asm-Hose	1
10	60-2010	Sleeve - Protective	1	35	74-2810	Asm-Tube	1
11	82-9841	Asm-Hose	1	36	74-2790	Asm-Tube	1
12	237-22	O-Ring	22	37	58-7780	Asm-Tube (Incl. Ref. #12)	1
13	340-69	Fitting - Hydraulic Bulkhead (Incl. Ref. #12 & 31)	2	38	58-7750	Asm-Tube	1
14	92-9202	Asm-Tube	2	39	58-7770	Asm-Tube	1
15	92-4725	Asm-Hose	1	40	58-7760	Asm-Tube	1
16	82-9840	Asm-Hose	1	41	48-4480	Strap - Tie	3
18	2412-92	Clamp	2	43	340-65	O-Ring	2
19	60-1250	Asm-Hose	1	48	58-4710	Asm-Tube	1
20	340-23	Fitting - Hydraulic Cross (Incl. Ref. #12)	1	49	48-7890	Nut - Hex	1
21	42-9230	Screw - HH	1	50	237-30	O-Ring	1
24	60-1360	Clamp	1	†51		Asm-Tube	1
25	58-4790	Asm-Tube	1	†52		Asm-Tube	1
26	340-68	Fitting - Hydraulic Tee (Incl. Ref. #12)	2	53	340-78	Nut - Bulkhead	1

†Not Serviced Separately



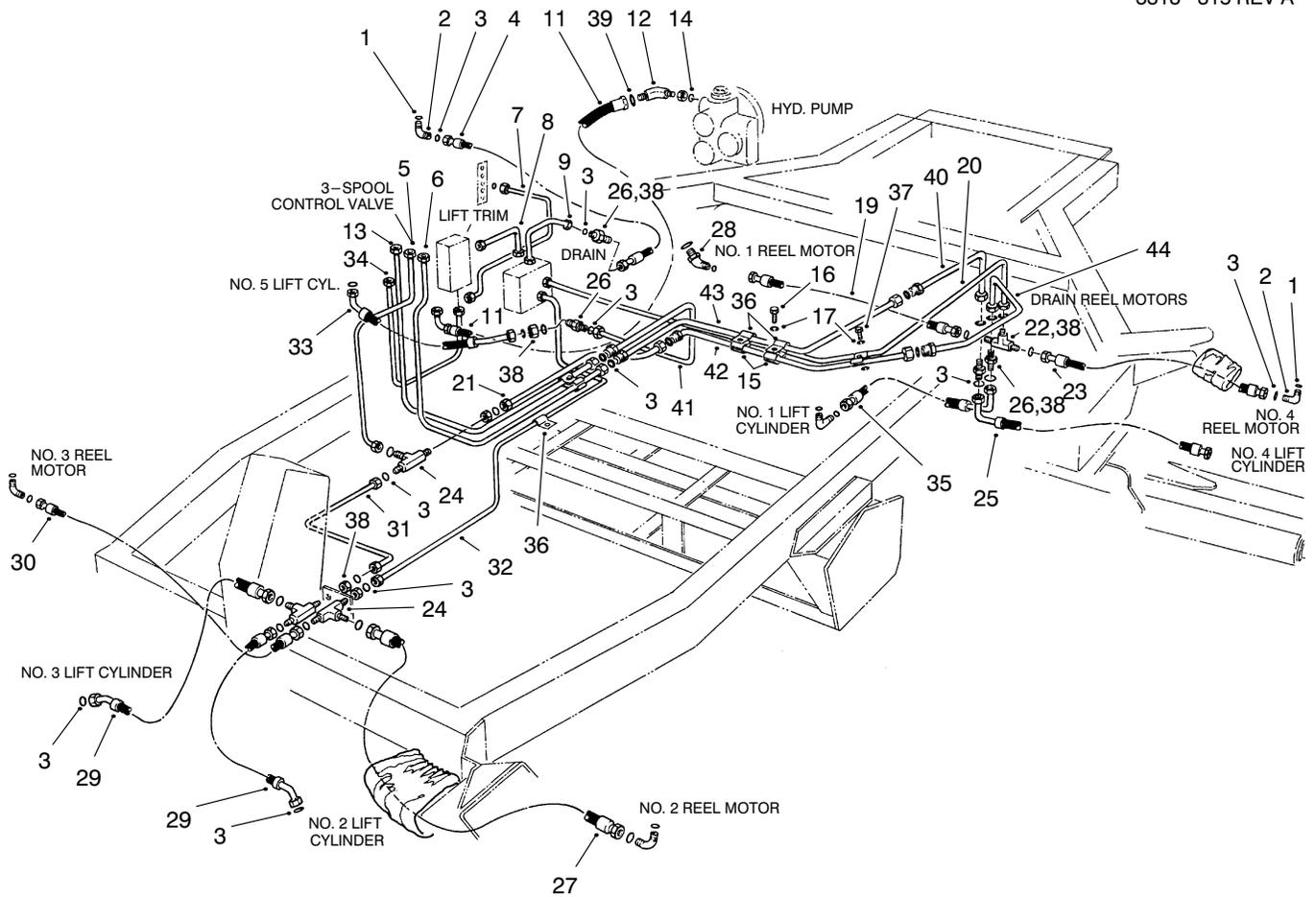
HYDRAULIC SCHEMATIC – TRACTION & STEERING

Ref. No.	Part No.	Description	No. Used
1	58-5860	Asm-Hose	2
2	75-8200	Asm-Hose	1
7	75-8210	Asm-Hose	1
8	60-1900	Asm-Tube	1
11	82-9841	Asm-Hose	1
14	92-9202	Asm-Tube	2
15	92-4725	Asm-Hose	1
16	82-9840	Asm-Hose	1
19	60-1250	Asm-Hose	1
25	58-4790	Asm-Tube	1
27	58-4860	Asm-Tube	1
28	74-2820	Asm-Tube	1
29	68-6310	Kit - Tube (Incl. Ref. #12 & 52)	1

Ref. No.	Part No.	Description	No. Used
30	68-6340	Kit - Tube (Incl. Ref. #12 & 51)	1
32	74-2780	Asm-Tube	1
33	58-5720	Asm-Hose	1
34	58-5870	Asm-Hose	1
35	74-2810	Asm-Tube	1
36	74-2790	Asm-Tube	1
37	58-7780	Asm-Tube	1
38	58-7750	Asm-Tube	1
39	58-7770	Asm-Tube	1
40	58-7760	Asm-Tube	1
48	58-4710	Asm-Tube	1
†51		Asm-Tube	1
†52		Asm-Tube	1

*Not Illustrated

†Not Serviced Separately

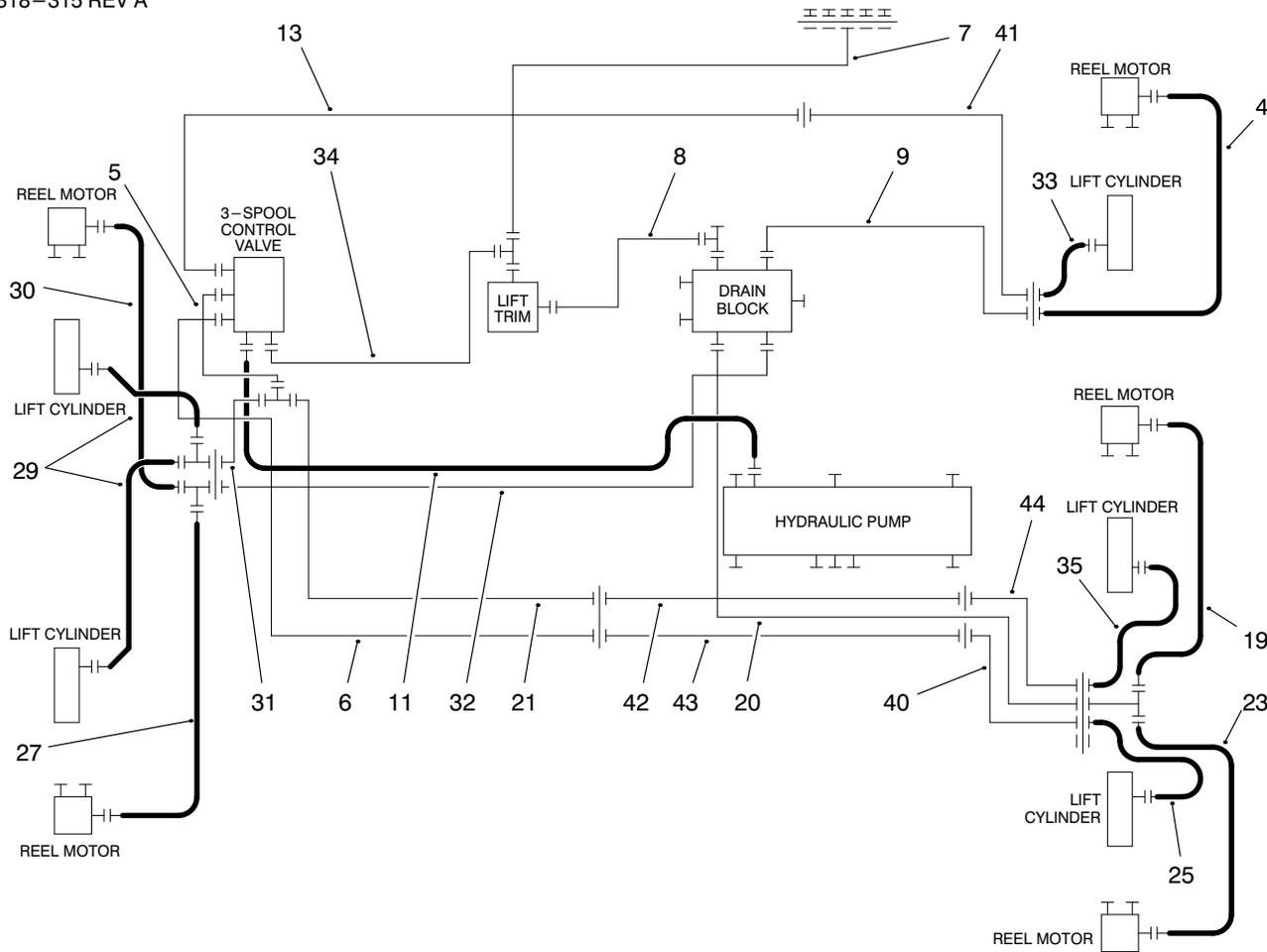


T-0168

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	Asm-Hose	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	Asm-Hose	1
4	84-6240	Asm-Hose	1	26	340-71	Fitting - Hydraulic Straight (Incl. Ref. #3)	4
5	58-4750	Asm-Tube	1	27	58-6670	Asm-Hose	1
6	93-1410	Kit - Tube (Incl. Ref. #3, 40 & 43)	1	28	340-87	Fitting - Hydraulic 45° (Incl. Ref. #1 & 3)	1
7	58-7730	Asm-Tube	1	29	58-5850	Asm-Hose	2
8	63-4680	Asm-Tube	1	30	58-5830	Asm-Hose	1
9	58-4780	Asm-Tube	1	31	58-4760	Asm-Tube	1
11	58-5710	Asm-Hose	1	32	58-4880	Asm-Tube	1
12	340-89	Fitting - Hydraulic 45° (Incl. Ref. #14 & 39)	1	33	84-6230	Asm-Hose	1
13	68-6370	Kit - Tube (Incl. Ref. #3 & 41)	1	34	58-4870	Asm-Tube	1
14	237-80	O-Ring	1	35	58-5800	Asm-Hose	1
15	58-3880	Clamp - Tube	5	36	60-1360	Clamp - Tube	3
16	60-6650	Screw - HH	2	37	48-7640	Screw - HH	5
17	43-5930	Washer - Lock	6	38	340-70	Nut - Bulkhead	8
19	58-5840	Asm-Hose	1	39	237-30	O-Ring	1
20	58-4850	Asm-Tube	1	†40		Asm-Tube	1
21	68-6270	Kit - Tube (Incl. Ref. #3, 42 & 44)	1	†41		Asm-Tube	1
22	60-2180	Fitting - Tee	1	†42		Asm-Tube	1
				†43		Asm-Tube	1
				†44		Asm-Tube	1

†Not Serviced Separately



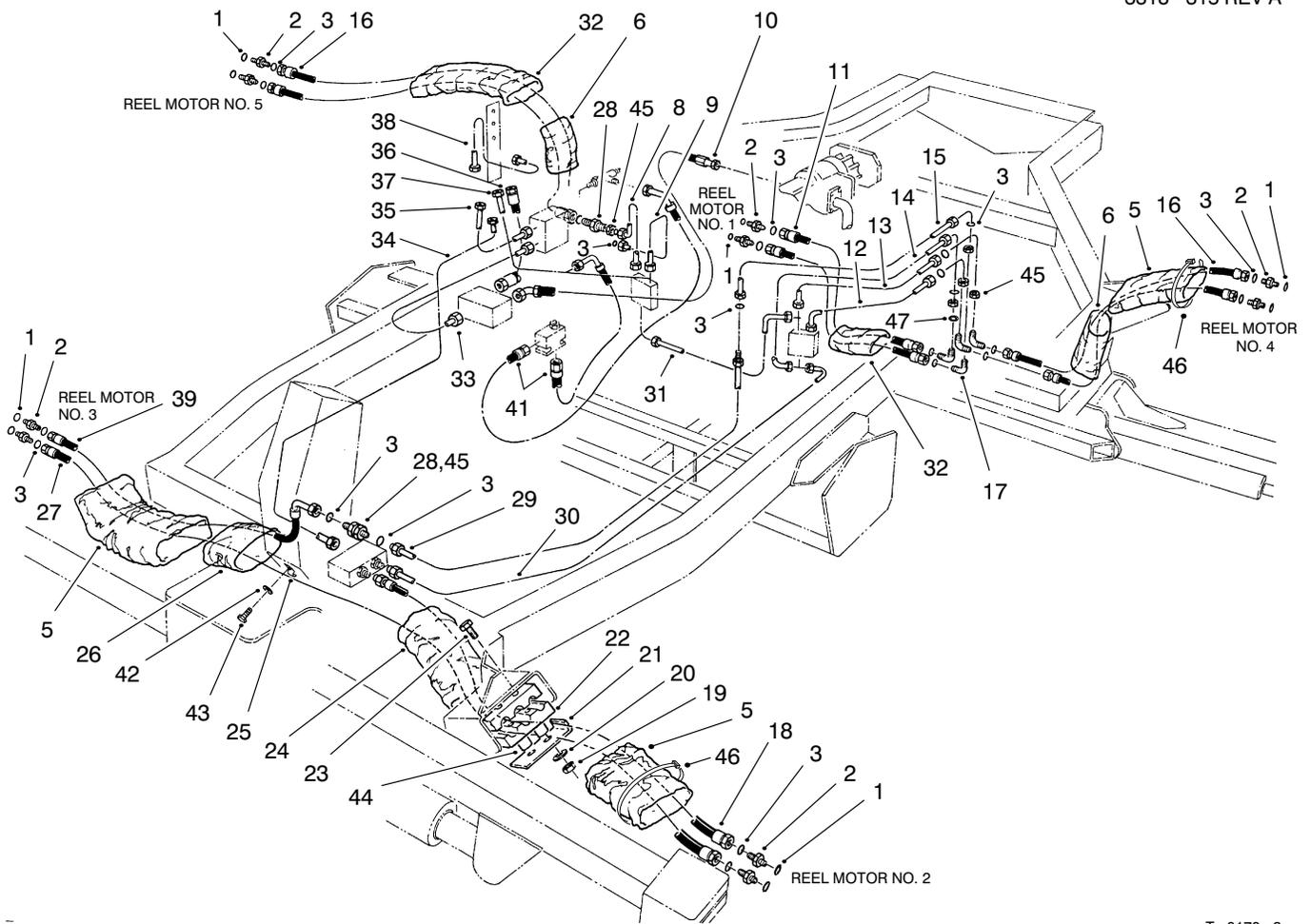
T-0169

HYDRAULIC SCHEMATIC – LIFT ARMS

Ref. No.	Part No.	Description	No. Used
4	84-6240	Asm-Hose	1
5	58-4750	Asm-Tube	1
6	93-1410	Kit - Tube (Incl. Ref. #40 & 43)	1
7	58-7730	Asm-Tube	1
8	63-4680	Asm-Tube	1
9	58-4780	Asm-Tube	1
11	58-5710	Asm-Hose	1
13	68-6370	Kit - Tube (Incl. Ref. #41)	1
19	58-5840	Asm-Hose	1
20	58-4850	Asm-Tube	1
21	68-6270	Kit - Tube (Incl. Ref. #42 & 44)	1
23	58-5820	Asm-Hose	1

Ref. No.	Part No.	Description	No. Used
25	60-1630	Asm-Hose	1
27	58-6670	Asm-Hose	1
29	58-5850	Asm-Hose	2
30	58-5830	Asm-Hose	1
31	58-4760	Asm-Tube	1
32	58-4880	Asm-Tube	1
33	84-6230	Asm-Hose	1
34	58-4870	Asm-Tube	1
35	58-5800	Asm-Hose	1
†40		Asm-Tube	1
†41		Asm-Tube	1
†42		Asm-Tube	1
†43		Asm-Tube	1
†44		Asm-Tube	1

†Not Serviced Separately

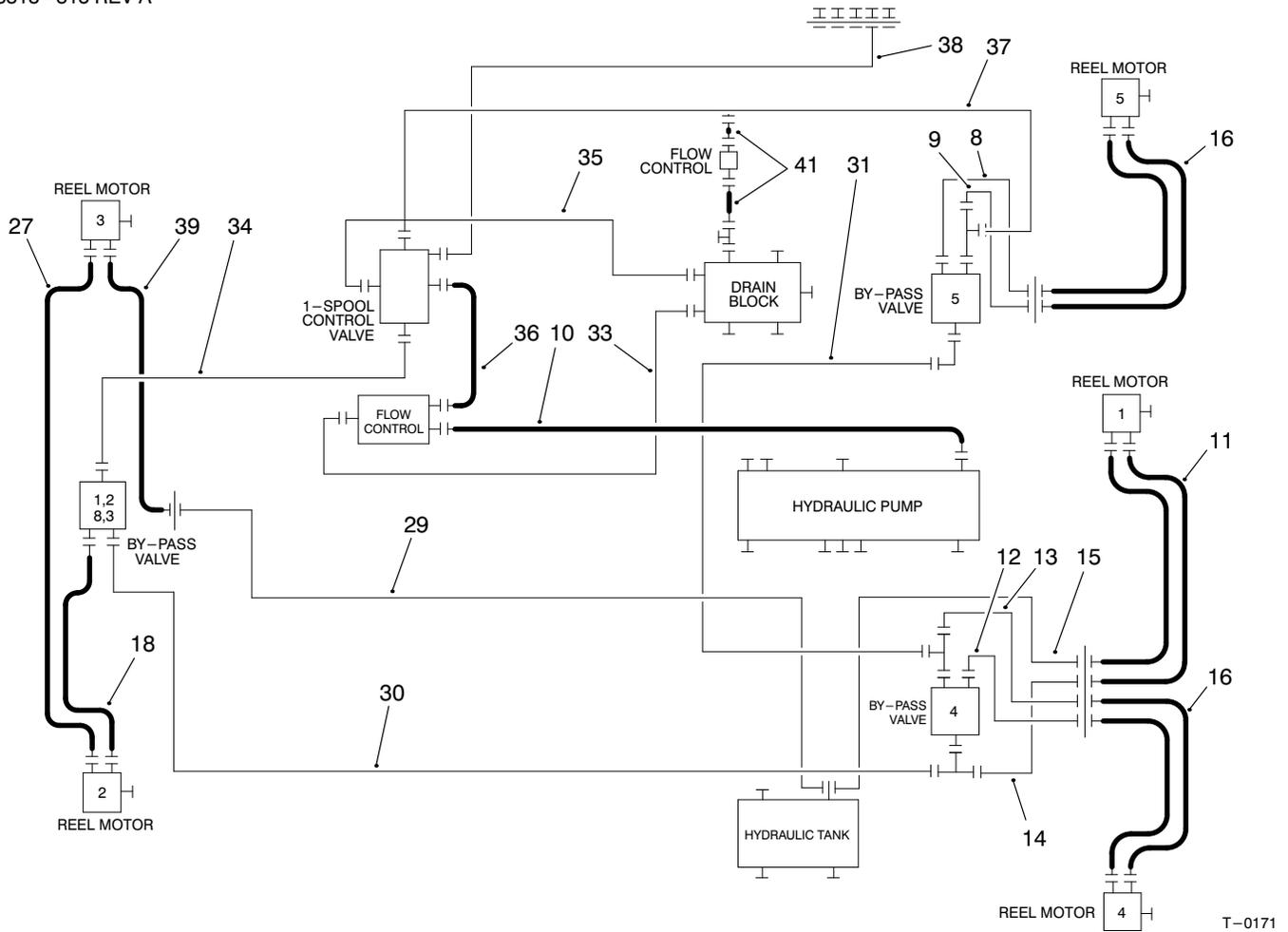


T-0170-2

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	Asm-Tube	1
9	58-4970	Asm-Tube	1
10	58-5730	Asm-Hose	1
11	58-5790	Asm-Hose	2
12	58-5060	Asm-Tube	1
13	58-5000	Asm-Tube	1
14	58-5020	Asm-Tube	1
15	58-5040	Asm-Tube	1
16	58-5780	Asm-Hose	4
17	340-72	Fitting – Hydraulic 90° (Incl. Ref. #3)	4
18	58-5750	Asm-Hose	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 – HH	4
24	60-5650	Sleeve – Protective	1

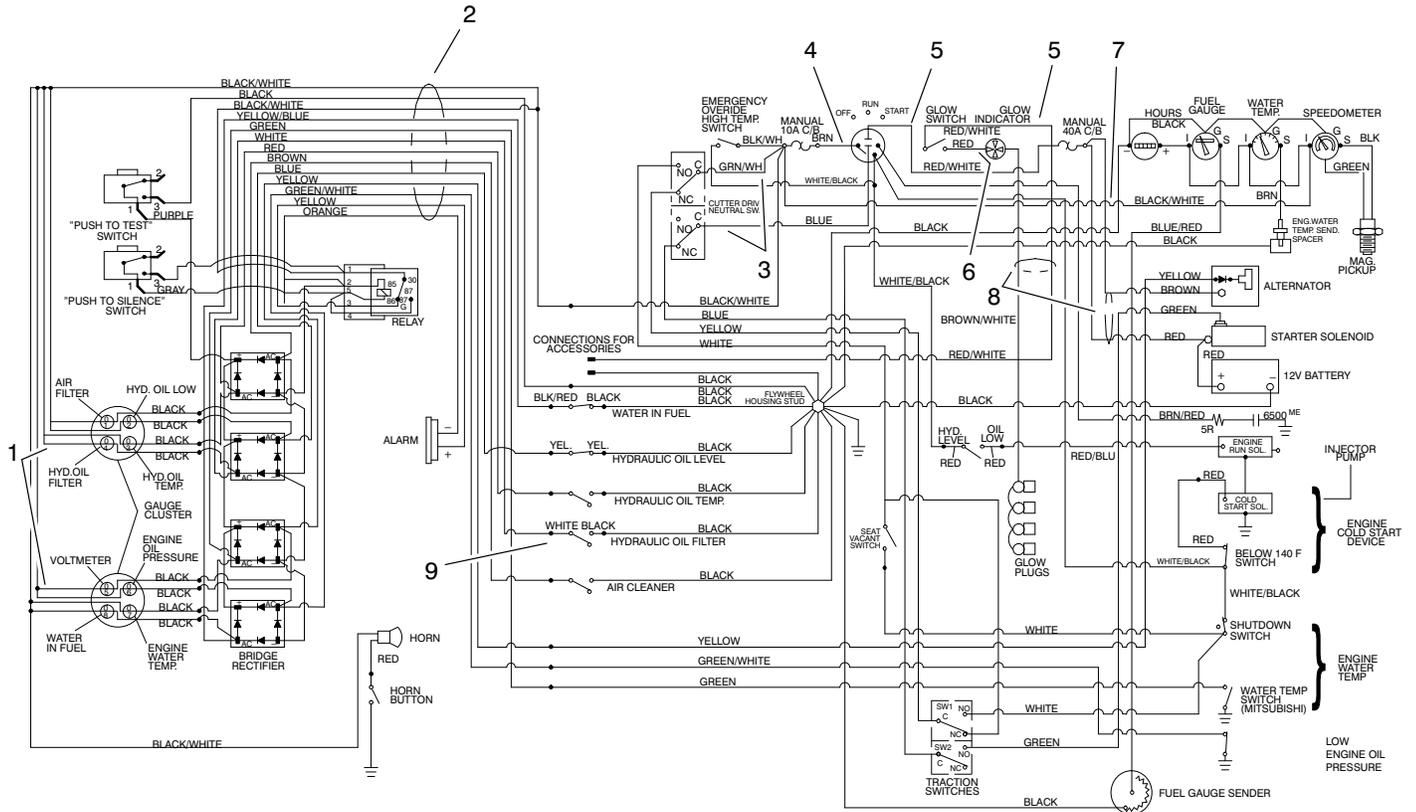
Ref. No.	Part No.	Description	No. Used
25	60-2080	Clamp – Hose	1
26	60-5660	Sleeve – Protective	1
27	58-5740	Asm-Hose	1
28	340-76	Fitting – Adapter	3
29	58-4990	Asm-Tube (Incl. Ref. #3)	1
30	58-5070	Asm-Tube	1
31	58-4950	Asm-Tube	1
32	59-7200	Sleeve – Protective	1
33	58-5050	Asm-Tube	1
34	58-5030	Asm-Tube	1
35	58-4980	Asm-Tube	1
36	60-3340	Asm-Hose	1
37	63-4710	Asm-Tube	1
38	58-7740	Asm-Tube	1
39	58-5760	Asm-Hose	1
41	60-1250	Asm-Hose	2
42	48-9570	Washer – Lock	1
43	48-7680	Screw – HH	1
44	74-2730	Spacer	4
45	340-74	Nut – Bulkhead	7
46	3290-379	Tie – Cable (Europe)	4
47	3254-21	Washer – Lock, Int. Tooth	2



HYDRAULIC SCHEMATIC – CUTTING UNITS

Ref. No.	Part No.	Description	No. Used
8	58-4960	Asm-Tube	1
9	58-4970	Asm-Tube	1
10	58-5730	Asm-Hose	1
11	58-5790	Asm-Hose	2
12	58-5060	Asm-Tube	1
13	58-5000	Asm-Tube	1
14	58-5020	Asm-Tube	1
15	58-5040	Asm-Tube	1
16	58-5780	Asm-Hose	4
18	58-5750	Asm-Hose	1
27	58-5740	Asm-Hose	1

Ref. No.	Part No.	Description	No. Used
29	58-4990	Asm-Tube	1
30	58-5070	Asm-Tube	1
31	58-4950	Asm-Tube	1
33	58-5050	Asm-Tube	1
34	58-5030	Asm-Tube	1
35	58-4980	Asm-Tube	1
36	60-3340	Asm-Hose	1
37	63-4710	Asm-Tube	1
38	58-7740	Asm-Tube	1
39	58-5760	Asm-Hose	1
41	60-1250	Asm-Hose	2

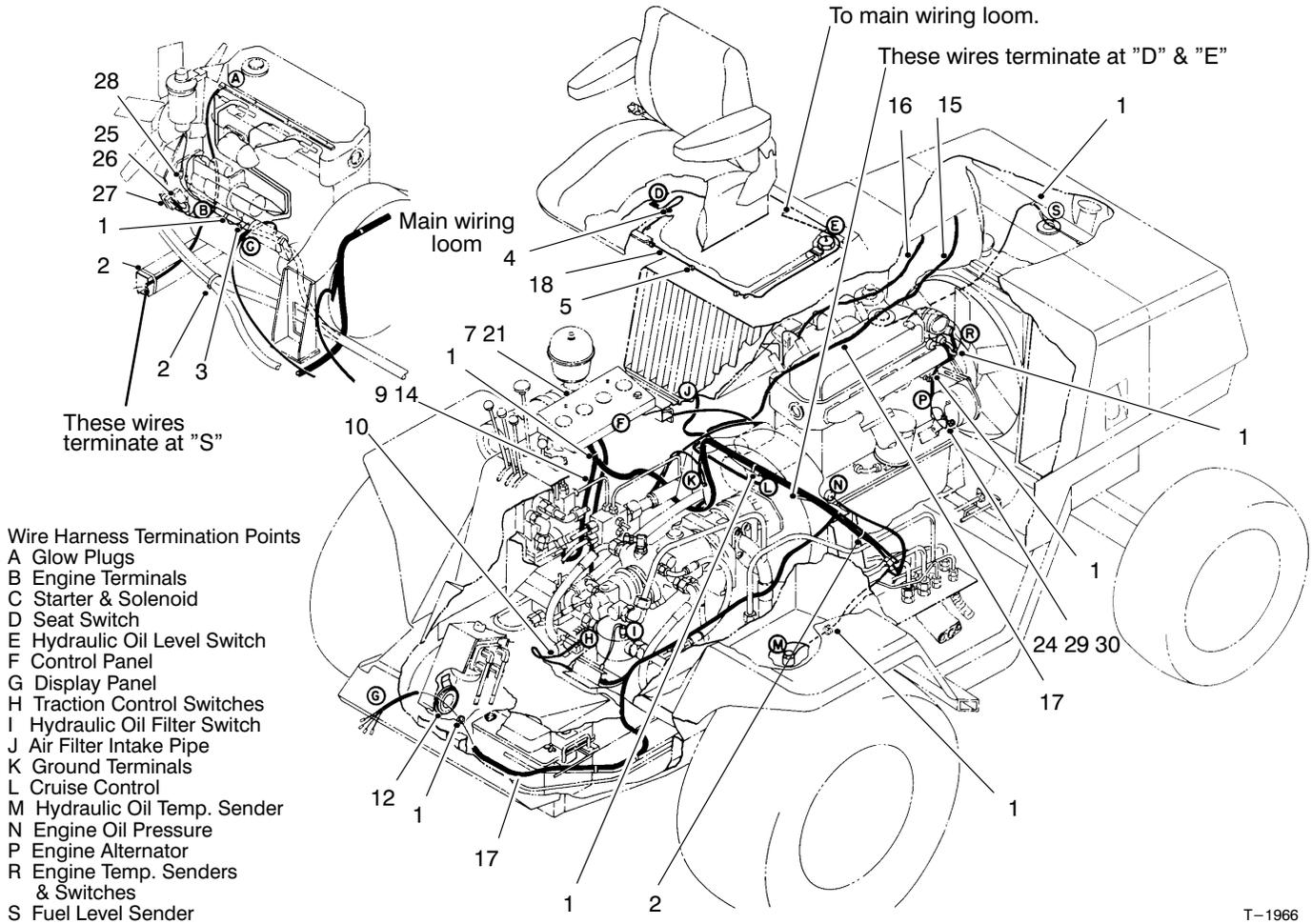


T-1221

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

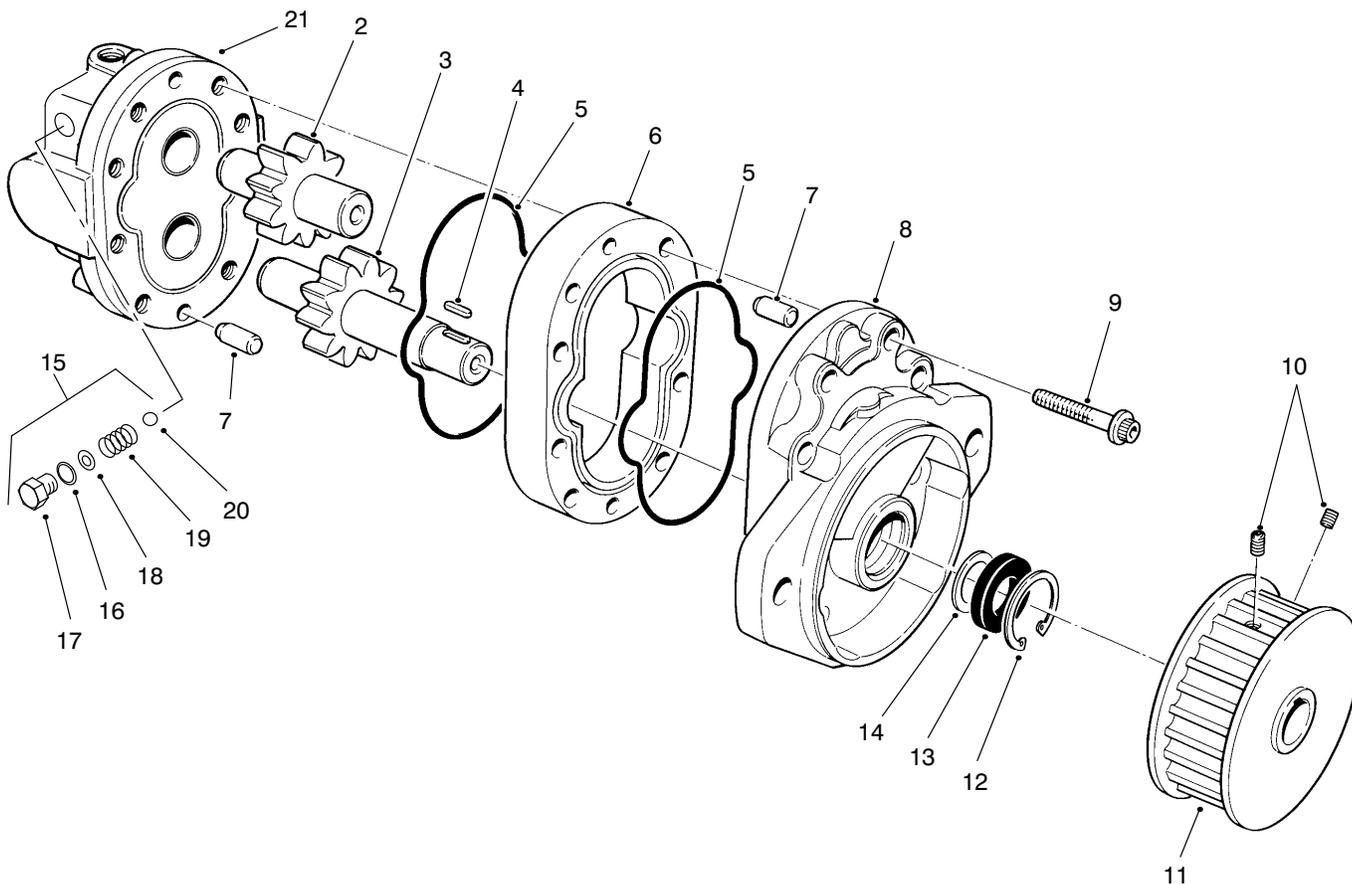


T-1966

ELECTRICAL SYSTEM DIAGRAM

Ref. No.	Part No.	Description	No. Used
1	3290-378	Tie - Cable	29
2	3290-379	Tie - Cable	5
3	2412-109	Clip	2
4	237-100	Grommet	1
5	60-0930	Clip	3
7	82-9760	Harness - Wiring Gauges	1
9	82-9790	Harness - Wiring Valve	1
10	82-9810	Harness - Wiring Traction Control Switches	1
12	82-9940	Harness - Wire Horn	1
14	82-9800	Harness - Wire Speedometer	1

Ref. No.	Part No.	Description	No. Used
15	58-3850	Cable - Neg. Battery	1
16	75-1370	Cable - Pos. Battery	1
17	92-5685	Harness - Wiring Main	1
18	82-9750	Asm - Jumper	1
21	2412-131	Clamp - R	3
24	86-6400	Diode	1
25	2412-74	Clamp - R	1
26	37-2690	Capacitor	1
27	38-2860	Resistor - 5 Ohm	1
28	58-6860	Connector	1
29	48-7880	Nut - Hex	1
30	48-8000	Washer - Lock	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	Asm-Plate & Bushings (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

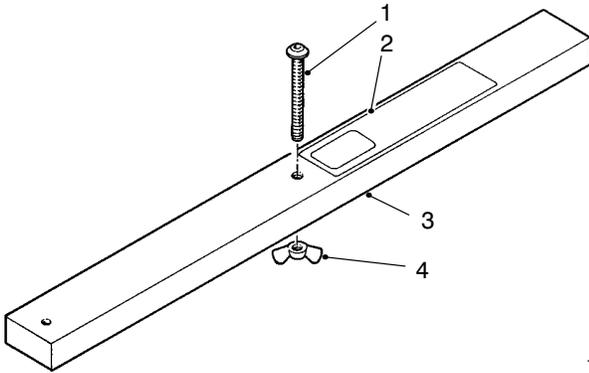
Ref. No.	Part No.	Description	No. Used
15	92-9260	Kit - Relief Valve (Incl. Ref. #16-20)	2
16	237-42	O-Ring	2
†17		Plug	2
†18		Shim	A/R
†19		Spring	2
†20		Ball	2
21	92-9259	Asm-Backplate/Relief (Incl. Ref. #15)	1
*	93-1412	Asm-Reel Motor (Incl. Ref. #1-9, 12-14)	1
*	93-1413	Kit - Seal Repair (Incl. Ref.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

*Not Illustrated

†Not Serviced Separately

SPECIAL TOOLS

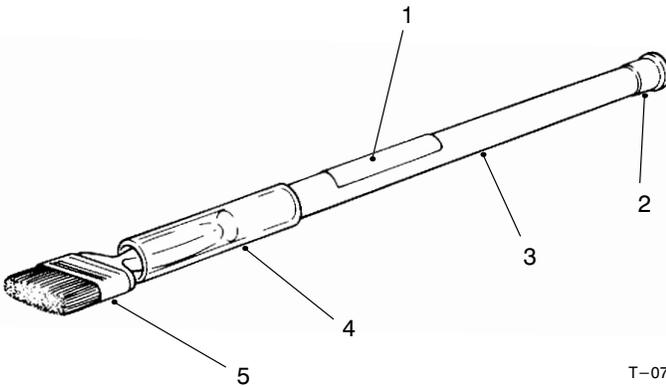
GAUGE BAR ASSEMBLY NO. 59-7900



T-0191

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

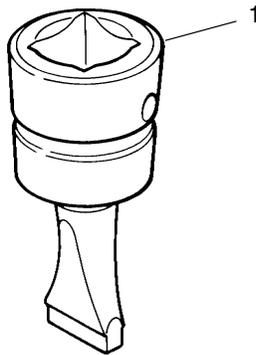
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



T-0731

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

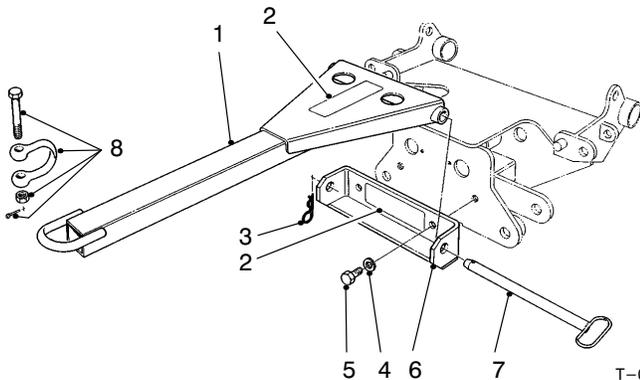
BEDKNIFE SCREW TOOL NO. *TOR510880



T-0729

Ref. No.	Part No.	Description	No. Used
1	51-0880	Tool - Bedknife Screw	1

TOW BAR ASSEMBLY NO. 58-7020



T-0190

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 - HH	2
6	12-7589	Asm - Tow Bar Bracket (Incl. Ref. #2)	1
7	60-4120	Pin - Tow Bar	1
8	60-4480	Asm - Shackle	1

*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.

TORO PART NUMBER INDEX

3318-315 REV A

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3-2858	Disc - Friction	1	9	1	46-6550	Elbow	20	10	1
3-7877	Grip	2	49	1	46-6560	Grommet	20	5	3
11-0440	Weight - (Europe)	33	52	4	47-2380	Key	65	4	1
11-9030	Bolt - Shoulder	9	45	1	47-2550	Grip - Handle	18	16	2
12-7579	Tow Bar	66	1	1	47-6990	Nut - Hex.	4	2	1
12-7589	Asm-Tow Bar Bracket	66	6	1	47-7010	Bushing	23	5	2
12-9140	Decal	66	1	1	47-7030	Bushing - Rubber	1	13	1
23-1840	Bushing	29	5	2	47-7150	Pulley - Drive	65	11	1
23-7270	Nut - Lug	32	13	10	48-3250	Mount - Rubber	35	1	4
25-8640	Screw	9	8	1	48-3280	Bumper	27	16	2
25-9090	Swivel	9	9	1	48-3380	Leg - Support	35	5	2
26-4840	Spacer	15	32	4	48-4480	Strap - Tie	57	41	3
27-2360	Asm-Key Switch	8	18	1	48-4590	Horn	4	15	1
27-7100	Asm-Air Cleaner	18	32	1	48-6640	Bushing - Flange	24	13	2
27-7100	Asm-Air Filter	19	*	1	48-6640	Bushing - Flange	32	33	2
27-7110	Asm-Element	19	8	1	48-6660	Washer - Thrust	32	34	2
27-7120	Nut	19	3	1	48-6780	Spring	21	5	2
27-7130	Asm-Clamp	19	4	1	48-6790	Bushing - Flanged	1	6	4
27-7140	Baffle	19	2	1	48-6900	Screw - Hex Hd.	21	32	6
27-7150	Asm-Cup	19	1	1	48-6900	Screw - Self-Tap	7	22	4
27-7160	Decal - Instruction	18	31	1	48-7080	Cap	21	19	3
27-7160	Decal - Instructions	19	14	1	48-7100	Dampener	1	19	1
27-7170	Asm-Band	19	7	2	48-7120	Element - Suction	7	50	1
27-7170	Band - Mounting	18	30	2	48-7430	Asm-Pre-Cleaner	19	*	1
27-7220	Soap - Air Cleaner	19	*	1	48-7430	Asm-Pre-Cleaner	18	33	1
29-1060	Bracket	29	29	2	48-7570	Screw - HH	35	10	2
29-1070	Asm-Lever	29	34	2	48-7610	Screw - HH	4	17	2
29-1080	Pad	29	39	4	48-7620	Screw	3	7	3
29-6163	Switch	1	26	2	48-7620	Screw	7	12	10
29-9080	Handle	66	3	1	48-7620	Screw	10	47	2
29-9090	Hose - Handle	66	4	1	48-7620	Screw - HH	43	16	2
33-1260	Asm-Cover	19	12	1	48-7630	Screw - HH	43	15	2
33-1270	Bowl	19	11	1	48-7640	Screw - HH	57	4	4
33-3720	Washer	30	12	1	48-7640	Screw - HH	59	37	5
33-4970	Asm-Check Valve	54	8	2	48-7680	Screw - HH	18	17	2
33-4990	Poppet	54	42	1	48-7680	Screw - HH	21	36	1
36-4310	Brush	66	5	1	48-7680	Screw - HH	61	43	1
37-2690	Capacitor	64	26	1	48-7780	Screw - HH	35	6	6
37-7600	Rectifier	5	8	4	48-7830	Screw - HH	35	4	8
38-2860	Resistor - 5 Ohm	64	27	1	48-7830	Screw - HH	66	5	2
39-2080	Asm-Tow Valve	54	4	1	48-7880	Nut	49	12	1
39-2130	Retainer - Spring	54	44	1	48-7880	Nut - Hex	64	29	1
39-2140	Spring	54	43	2	48-7880	Nut - Hex.	9	34	2
42-1260	O-Ring	12	7	1	48-7890	Nut	7	44	10
42-2010	Pin - Dowel	65	7	2	48-7890	Nut - Hex	57	49	1
42-2720	Seal - Shaft	54	16	1	48-7890	Nut - Hex.	11	51	1
42-3140	Screw - HH	53	11	8	48-7930	Nut - Hex.	1	7	3
42-9230	Screw - HH	9	1	2	48-7930	Nut - Hex.	27	9	2
42-9230	Screw - HH	27	19	4	48-7930	Nut - Hex.	35	13	3
42-9230	Screw - HH	57	21	1	48-7930	Nut - Hex.	1	15	3
42-9850	Washer - Lock	9	2	2	48-7930	Nut - Hex.	50	26	1
42-9850	Washer - Lock	1	8	11	48-7960	Nut - Hex.	35	9	2
42-9850	Washer - Lock	27	8	4	48-8000	Washer - Lock	64	30	1
42-9850	Washer - Lock	35	12	2	48-8010	Washer	57	6	3
42-9850	Washer - Lock	21	35	1	48-8010	Washer	4	16	2
42-9850	Washer - Lock	17	41	6	48-8010	Washer	10	17	4
43-4000	Breaker - Circuit, 40 Amp.	8	25	1	48-8010	Washer	21	33	2
43-4001	Breaker - Circuit, 10 Amp.	8	20	1	48-8030	Washer	9	19	2
43-5920	Washer - Lock	9	35	2	48-8030	Washer	2	43	9
43-5920	Washer - Spring	49	11	1	48-8030	Washer - Flat	17	42	6
43-5930	Washer - Lock	57	5	5	48-8070	Washer - Lock	35	3	12
43-5930	Washer - Lock	7	13	12	48-8070	Washer - Lock	66	4	2
43-5930	Washer - Lock	43	14	4	48-8830	Pin - Roll	21	26	1
43-5930	Washer - Lock	59	17	6	48-8850	Washer - Bevel	21	27	3
43-5930	Washer - Lock	4	18	2	48-9470	Screw	35	2	7
43-5930	Washer - Lock	10	46	4	48-9470	Screw	21	9	2
43-6280	Button - Push	5	3	2	48-9470	Screw - HH	15	20	2
43-6280	Button - Push	8	10	2	48-9480	Screw	35	23	1
43-6420	Bezel	8	12	2	48-9510	Nut - Hex.	1	14	1
43-6420	Bezel - Locking	5	4	2	48-9510	Nut - Lock	17	37	2
46-0670	Screw - Pan Hd.	15	17	6	48-9530	Nut - Hex.	27	10	2

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
48-9570	Washer - Lock	61	42	1	51-5640	Asm-Idler Gear Shaft	36	33	1
48-9580	Washer	15	5	2	51-5650	Pin - Spring	36	34	1
48-9580	Washer	35	26	1	51-5670	Cap - Sealing	36	12	2
48-9590	Washer - Lock	35	7	16	51-5730	Gasket	36	1	1
48-9590	Washer - Lock	15	21	2	51-5770	Bearing Set Std.	36	30	1
49-2500	Element - Filter	42	5	1	51-5820	Gasket	37	22	1
49-2520	Belt	49	17	1	51-5840	Washer - Sealing	37	29	1
49-2640	Seal - Shaft	53	12	1	51-5850	Cover	37	27	1
49-2660	Asm-Front Plate	53	15	1	51-5860	Gasket	37	26	1
49-2670	Plate - Wear	53	20	1	51-5870	Seal	37	25	1
49-2680	O-Ring - Molded	53	17	1	51-5900	Case - Seal, Oil	39	14	1
49-2690	Gasket - Backup	53	19	1	51-5910	O-Ring	39	15	1
49-2700	Seal - Bearing	53	18	1	51-5940	Housing - Flywheel	39	21	1
51-0880	Tool - Bedknife Screw	66	1	1	51-5950	Stud	49	22	2
51-2060	Washer	21	23	8	51-5970	Nut	49	15	2
51-2070	Nut	21	21	3	51-6010	Cover	39	7	1
51-4910	Bolt	38	36	2	51-6020	Gasket	39	8	1
51-4920	Bolt	38	37	1	51-6030	Plug	39	23	1
51-4930	Bolt	38	38	1	51-6100	Gasket - Housing, Flywheel	39	22	1
51-4940	Cap - Sealing	40	13	10	51-6180	Pin - Piston	40	22	4
51-4970	Insert - Valve Seat, Exhaust	40	27	4	51-6190	Ring - Snap	40	18	8
51-4980	Insert - Valve Seat, Inlet	40	28	4	51-6200	Asm-Connecting Rod	40	20	4
51-5030	Bolt - Cylinder Head	40	2	5	51-6210	Bushing	40	23	4
51-5040	Bolt - Cylinder Head	40	3	10	51-6220	Bolt	40	21	8
51-5050	Connector - Fitting	40	4	1	51-6230	Nut	40	26	8
51-5080	Asm-Rocker Shaft	41	7	2	51-6240	Bearing - Connecting Rod	40	24	8
51-5090	Plug - Expansion	41	6	2	51-6270	Washer	39	3	1
51-5100	Spring - Rocker Shaft	41	8	2	51-6300	Pin - Dowel	39	20	2
51-5110	Asm-Rocker	41	16	4	51-6310	Pulley - Crankshaft	39	4	1
51-5120	Bushing - Rocker	41	13	8	51-6320	Plate - Baffle	39	28	1
51-5130	Screw - Adjusting	41	1	8	51-6330	Plate - Thrust	39	27	1
51-5150	Bracket - Rocker Shaft	41	15	4	51-6340	Asm-Flywheel	39	18	1
51-5160	Washer	37	5	2	51-6350	Gear - Ring	39	19	1
51-5160	Washer - Flat	41	34	9	51-6360	Washer - Lock	39	17	2
51-5190	Bolt	41	5	4	51-6370	Bolt - Seal	39	16	4
51-5200	Asm-Rocker	41	14	4	51-6390	Washer	37	20	1
51-5210	Nut - Jam	41	2	8	51-6390	Washer - Spring	49	2	4
51-5240	O-Ring	41	10	2	51-6390	Washer - Spring	39	9	7
51-5250	Pipe - Oil	41	9	1	51-6390	Washer - Spring	38	35	4
51-5260	Ring - Snap	41	11	4	51-6400	Plate - Thrust	37	19	1
51-5270	Washer	41	12	4	51-6410	Gear - Camshaft	37	8	1
51-5280	Cap	41	33	8	51-6450	Gear - Crankshaft	37	17	1
51-5290	Keeper - Valve	41	32	16	51-6480	Cover	36	18	1
51-5310	Seal - Valve Stem	41	41	8	51-6490	Gasket	36	19	1
51-5320	Spring - Valve	41	17	8	51-6500	Gasket - Intake Manifold	43	9	2
51-5330	Valve - Exhaust	41	19	4	51-6540	Manifold - Inlet	43	21	1
51-5340	Valve - Inlet	41	18	4	51-6550	Gasket - Intake Pipe	43	20	1
51-5350	Cap - Oil Fill	40	6	1	51-6600	Clamp	43	6	2
51-5360	Nut - Cap	40	7	4	51-6620	Manifold - Exhaust	43	4	1
51-5370	Gasket	40	8	4	51-6630	Gasket - Exhaust Pipe	43	3	1
51-5380	Asm-Rocker Cover	40	9	1	51-6660	Gasket - Exhaust Manifold	43	5	1
51-5390	Washer - Sealing	40	15	1	51-6670	Asm-Oil Pump	41	22	1
51-5400	Connector	40	16	1	51-6680	Gear - Pump Drive	41	20	1
51-5410	Cover	40	5	1	51-6690	Pin	41	21	1
51-5420	Gasket - Rocker Cover	40	11	1	51-6700	Asm-Oil Pump Rotor	41	*	1
51-5430	Pushrod	41	40	8	51-6720	Cover - Oil Pump Case	41	26	1
51-5450	Camshaft	41	35	1	51-6750	Strainer - Oil	41	30	1
51-5460	Key - Woodruff	39	1	2	51-6760	Gasket	41	27	1
51-5460	Key - Woodruff	41	38	1	51-6800	Asm-Oil Filter	42	4	1
51-5470	Plate - Thrust	41	36	1	51-6820	Washer - Gasket	42	7	1
51-5500	Bushing - Camshaft No. 1	36	2	1	51-6830	Asm-Relief Valve	42	8	1
51-5510	Bushing - Camshaft No. 2	36	3	1	51-6870	Gasket	42	6	1
51-5520	Bushing - Camshaft No. 3	36	4	1	51-6880	Bolt - Joint	42	1	2
51-5530	Cap - Sealing	36	6	2	51-6890	Gasket	42	2	4
51-5530	Cap - Sealing	40	12	6	51-6890	Gasket	40	32	1
51-5540	Pin - Dowel, Gear Case	36	7	2	51-6900	Pipe - Oil	42	3	1
51-5560	Pipe - Oil	36	15	1	51-6910	Nut - Jam	38	5	1
51-5580	Hanger	36	9	2	51-6920	Washer - Spring	38	6	1
51-5590	Cap - Sealing	36	21	3	51-6930	Spacer - Water Pump	38	8	1
51-5600	Cap - Sealing	36	11	3	51-6940	Ring - Retaining	38	9	1
51-5610	Pin - Dowel	36	20	8	51-6950	Bearing - Ball	38	10	1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
51-6960	Key - Woodruff	38 11 1	51-8210	Bearing - Connecting Rod	40 * 8
51-6980	Bearing - Ball	38 13 1	51-8240	Asm-Water Pump	38 14 1
51-7010	Gasket	38 16 1	51-8250	Alternator	49 3 1
51-7020	Fitting - Grease	38 15 1	51-8260	Switch - Indicator,	36 13 1
51-7030	Seal Unit	38 18 1	51-8270	Washer - Sealing	36 23 1
51-7050	Cover	38 20 1	51-8280	Bolt	36 24 1
51-7080	Gasket	38 34 1	51-8310	Bolt	37 12 1
51-7130	Pulley - Water Pump	38 7 1	51-8390	Shim - 1.05mm	44 * A/R
51-7160	Asm-Elbow	38 40 1	51-8400	Shim - 1.10mm	44 * A/R
51-7170	Pipe	43 8 1	51-8410	Shim - 1.15mm	44 * A/R
51-7170	Pipe	38 30 1	51-8420	Shim - 1.20mm	44 * A/R
51-7190	Hose - Rubber	43 7 1	51-8430	Shim - 1.25mm	44 * A/R
51-7200	Clamp - Hose	38 31 2	51-8440	Shim - 1.30mm	44 * A/R
51-7210	Gasket	38 25 2	51-8450	Shim - 1.35mm	44 * A/R
51-7220	Gasket	38 24 1	51-8460	Shim - 1.40mm	44 * A/R
51-7230	Thermostat	38 23 1	51-8470	Shim - 1.45mm	44 * A/R
51-7250	Washer	44 3 2	51-8480	Shim - 1.50mm	44 * A/R
51-7250	Washer	36 5 5	51-8490	Shim - 1.55mm	44 * A/R
51-7250	Washer - Spring	37 2 13	51-8500	Shim - 1.60mm	44 * A/R
51-7250	Washer - Spring	38 2 2	51-8510	Shim - 1.65mm	44 * A/R
51-7250	Washer - Spring	43 2 12	51-8520	Shim - 1.70mm	44 *12 A/R
51-7250	Washer - Spring	41 3 11	51-8530	Shim - 1.75mm	44 * A/R
51-7250	Washer - Spring	39 6 2	51-8540	Shim - 1.80mm	44 * A/R
51-7250	Washer - Spring	49 6 1	51-8550	Shim - 1.85mm	44 * A/R
51-7250	Washer - Spring	42 13 19	51-8560	Shim - 1.90mm	44 * A/R
51-7250	Washer - Spring	45 33 3	51-8570	Shim - 1.95mm	44 * A/R
51-7400	Washer - Spring	39 11 8	51-8580	Plate - Adjusting	49 4 1
51-7400	Washer - Spring	44 24 2	51-8590	Washer - Flat	49 5 1
51-7400	Washer - Spring	41 28 4	51-8600	Bracket - Alternator	49 8 1
51-7490	Shim - 1.0mm	44 12 A/R	51-8610	Washer - Spring	49 18 2
51-7590	Motor - Starter	49 16 1	51-8620	Bolt	49 19 1
51-7600	Screw - Set	50 4 1	51-8630	Bolt	49 20 1
51-7610	Packing	50 5 2	51-8640	Bolt	49 1 2
51-7620	Asm-Front Cover	50 6 1	51-8650	Plate - Connection	49 9 1
51-7630	Seal - Oil	50 24 1	51-8660	Plug - Glow	49 13 4
51-7640	Asm-Lever	50 7 1	52-1321	Decal - Diesel Fuel	17 11 1
51-7650	Asm-Spring	50 8 1	52-6180	Washer	26 6 A/R
51-7660	Asm-Center Bracket	50 9 1	52-6430	Washer	9 36 2
51-7670	Solenoid	50 10 1	52-6430	Washer	11 54 6
51-7680	Asm-Armature	50 12 1	52-9230	Ring - Retaining	6 2 1
51-7690	Bearing	50 11 1	52-9240	Bushing - Seal Gland	6 3 1
51-7700	Bearing	50 13 1	52-9250	Kit - Bearing, Needle	6 * 1
51-7710	Bolt Set	50 14 1	52-9260	Screw - Set	6 28 1
51-7720	Asm-Clutch Shaft	50 * 1	52-9270	Seat - Check Ball	6 26 1
51-7730	Asm-Pinion	50 2 1	52-9280	Ball - Check	6 24 1
51-7740	Asm-Retaining Ring	50 1 1	52-9290	Retainer - Ball, Check	6 23 1
51-7750	Asm-Gear	50 * 1	52-9590	Latch	20 32 4
51-7760	Asm-Shaft	50 23 1	53-5940	Screw - HH	27 44 1
51-7770	Gear - Pinion	50 22 1	53-6070	Brake - Parking	9 3 1
51-7780	Cover Set	50 21 1	55-4330	Arm Rest - L.H.	16 14 1
51-7790	Packing	50 20 2	55-4331	Arm Rest - R.H.	16 * 1
51-7800	Asm-Yoke	50 19 1	56-3850	Screw - Mach. Hex. Hd.	16 13 4
51-7810	Asm-Brush Holder	50 17 1	56-3880	Washer	16 31 2
51-7820	Spring - Brush	50 18 4	56-3890	Nut	16 30 1
51-7830	Cover - Rear	50 16 1	56-3940	Washer	16 40 1
51-7840	Ring - Rubber	50 15 2	56-4150	Grip - Handle	16 6 1
51-7850	Asm-Nut	51 1 1	56-4170	Clevis - Threaded	16 29 1
51-7870	Screw - Set	51 4 1	56-6710	O-Ring	53 16 2
51-7890	Screw - Set	51 5 1	57-6380	Screw - HH	35 11 1
51-7910	Asm-Rotor	51 10 1	57-6380	Screw - HH	35 14 1
51-7920	Bearing	51 11 1	57-6380	Screw - HH	17 40 6
51-7930	Stator	51 18 1	58-0070	Disc - Brake	29 9 1
51-7950	Asm-Terminal	51 17 1	58-0110	Bracket	29 32 2
51-7960	Asm-Regulator	51 16 1	58-0400	Shroud - Front	2 45 1
51-7970	Brush	51 15 2	58-0500	Cover	4 19 1
51-7980	Spring - Return	51 14 2	58-0660	Foot - Front	35 8 1
51-8100	Bearing Set 0.25mm U.S.	36 * 1	58-0980	Fender - LH	7 25 1
51-8110	Bearing Set 0.50mm U.S.	36 * 1	58-1510	Shaft	10 34 1
51-8120	Bearing Set 0.75mm U.S.	36 * 1	58-1520	Pin - Pivot	10 6 1
51-8190	Bearing - Connecting Rod	40 * 8	58-1530	Coupling	11 53 1
51-8200	Bearing - Connecting Rod	40 * 8	58-1540	Spacer	11 59 4

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
58-1560	Link	10	50	6	58-5070	Asm-Tube	61	30	1
58-1570	Link	10	21	2	58-5070	Asm-Tube	62	30	1
58-1580	Asm-Seat Frame	15	30	1	58-5100	Washer	1	22	2
58-1640	Pin - Seat Pivot	15	25	1	58-5100	Washer	35	27	2
58-1650	Rod - Seat	15	9	1	58-5330	Spacer - Hinge	17	4	A/R
58-1750	Panel - Access	7	37	1	58-5350	Spacer - Hinge	17	*	A/R
58-1970	Hinge - LH	17	5	1	58-5380	Latch - Draw	17	22	2
58-1980	Hinge - RH	17	*	1	58-5420	Cap - Radiator	18	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	18	11	1
58-2800	Bushing	21	1	4	58-5610	Rim	29	24	2
58-2810	Rod	21	3	2	58-5620	Tube - Inner	29	25	2
58-3570	Spring - Compression	27	46	2	58-5650	Pump - Gear	52	28	1
58-3590	Dowel	35	15	2	58-5660	Pump - Piston	52	26	1
58-3780	Spacer	29	28	8	58-5710	Asm-Hose	59	11	1
58-3810	Pin - Clevis	10	49	3	58-5710	Asm-Hose	60	11	1
58-3830	Pin - Clevis	10	16	5	58-5720	Asm-Hose	58	33	1
58-3850	Cable - Neg. Battery	64	15	1	58-5720	Asm-Hose	57	33	1
58-3880	Clamp	57	9	3	58-5730	Asm-Hose	61	10	1
58-3880	Clamp - Tube	59	15	5	58-5730	Asm-Hose	62	10	1
58-3910	Pin - Hinge	17	9	2	58-5740	Asm-Hose	61	27	1
58-3930	Bushing - Flange	17	3	2	58-5740	Asm-Hose	62	27	1
58-4310	Ring	1	21	2	58-5750	Asm-Hose	61	18	1
58-4380	Pin - Pivot	26	15	2	58-5750	Asm-Hose	62	18	1
58-4380	Pin - Pivot	27	26	3	58-5760	Asm-Hose	61	39	1
58-4450	Lever	10	18	1	58-5760	Asm-Hose	62	39	1
58-4460	Clevis	10	20	1	58-5780	Asm-Hose	61	16	4
58-4710	Asm-Tube	57	48	1	58-5780	Asm-Hose	62	16	4
58-4710	Asm-Tube	58	48	1	58-5790	Asm-Hose	61	11	2
58-4750	Asm-Tube	59	5	1	58-5790	Asm-Hose	62	11	2
58-4750	Asm-Tube	60	5	1	58-5800	Asm-Hose	59	35	1
58-4760	Asm-Tube	59	31	1	58-5800	Asm-Hose	60	35	1
58-4760	Asm-Tube	60	31	1	58-5820	Asm-Hose	59	23	1
58-4780	Asm-Tube	59	9	1	58-5820	Asm-Hose	60	23	1
58-4780	Asm-Tube	60	9	1	58-5830	Asm-Hose	59	30	1
58-4790	Asm-Tube	57	25	1	58-5830	Asm-Hose	60	30	1
58-4790	Asm-Tube	58	25	1	58-5840	Asm-Hose	59	19	1
58-4850	Asm-Tube	59	20	1	58-5840	Asm-Hose	60	19	1
58-4850	Asm-Tube	60	20	1	58-5850	Asm-Hose	60	29	2
58-4860	Asm-Tube	57	27	1	58-5850	Asm-Hose	59	29	2
58-4860	Asm-Tube	58	27	1	58-5860	Asm-Hose	57	1	2
58-4870	Asm-Tube	59	34	1	58-5860	Asm-Hose	58	1	2
58-4870	Asm-Tube	60	34	1	58-5870	Asm-Hose	57	34	1
58-4880	Asm-Tube	59	32	1	58-5870	Asm-Hose	58	34	1
58-4880	Asm-Tube	60	32	1	58-5910	Decal - Tire Pressure	21	17	2
58-4950	Asm-Tube	61	31	1	58-5940	Sight Glass	7	21	1
58-4950	Asm-Tube	62	31	1	58-5960	Column - Steering	4	4	1
58-4960	Asm-Tube	61	8	1	58-6290	Asm-Poppet	13	33	3
58-4960	Asm-Tube	62	8	1	58-6310	Spacer	13	26	3
58-4970	Asm-Tube	61	9	1	58-6310	Washer - Backup	13	10	6
58-4970	Asm-Tube	62	9	1	58-6320	Wiper - Seal	13	38	3
58-4980	Asm-Tube	61	35	1	58-6330	Asm-Seat	13	35	3
58-4980	Asm-Tube	62	35	1	58-6340	O-Ring	13	36	3
58-4990	Asm-Tube	61	29	1	58-6350	Asm-Plug	13	11	3
58-4990	Asm-Tube	62	29	1	58-6370	Washer - Backup	14	15	1
58-5000	Asm-Tube	61	13	1	58-6380	Asm-Plug	13	30	3
58-5000	Asm-Tube	62	13	1	58-6400	Bushing	13	23	3
58-5020	Asm-Tube	61	14	1	58-6410	Spring	13	31	3
58-5020	Asm-Tube	62	14	1	58-6420	Asm-Cap	13	28	3
58-5030	Asm-Tube	61	34	1	58-6440	Poppet	13	20	1
58-5030	Asm-Tube	62	34	1	58-6450	O-Ring	13	22	6
58-5040	Asm-Tube	62	15	1	58-6460	Ring - Retaining	13	27	3
58-5040	Asm-Tube	61	15	1	58-6470	Washer	13	16	A/R
58-5050	Asm-Tube	61	33	1	58-6480	Washer	13	17	A/R
58-5050	Asm-Tube	62	33	1	58-6490	Washer	13	18	A/R
58-5060	Asm-Tube	61	12	1	58-6510	Foot Pad - R.H.	3	2	1
58-5060	Asm-Tube	62	12	1	58-6520	Decal - Grease	21	16	3

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
58-6520	Decal - Grease	23 21 1	59-7770	Spring	14 19 1
58-6520	Decal - Grease	33 48 2	59-7780	O-Ring	25 7 2
58-6530	Decal - Hydraulic Oil	15 23 1	59-7780	O-Ring	14 14 1
58-6540	Decal - Operator Warning	7 32 1	59-7780	O-Ring	12 32 1
58-6560	Panel - Side, Control	9 30 1	59-7810	Circlip	25 1 2
58-6580	Fitting	7 11 5	59-7820	Washer	25 2 2
58-6620	Foot Pad - L.H.	3 8 1	59-7840	Spring	25 4 1
58-6630	Foot Pad - Center	3 5 1	59-7850	Wiper	25 5 2
58-6670	Asm-Hose	59 27 1	59-7860	Backup Washer	25 6 2
58-6670	Asm-Hose	60 27 1	59-7860	Washer - Backup	12 6 1
58-6680	Panel - Test Ports	7 6 1	59-7890	Kit - Seal	25 * 1
58-6700	Washer	13 24 3	59-7910	Grommet	10 35 1
58-6710	Asm-Plug	13 6 3	59-7930	Decal	66 2 1
58-6720	O-Ring	13 7 3	59-7950	Switch - Cold Start	40 10 1
58-6730	Spring	13 25 3	59-7960	Decal - Latch	3 6 1
58-6750	O-Ring	13 15 1	59-7970	Stud	56 3 8
58-6760	Spring	13 3 3	59-7990	Seal - Gland	56 5 2
58-6770	Detent Plunger	13 4 3	59-8040	Spring	12 29 1
58-6780	Asm-Plug	13 1 3	59-8050	Spring - Detent	12 10 2
58-6790	O-Ring	13 5 3	59-8060	Plug - Detent	12 9 1
58-6820	Gasket	15 22 1	59-8070	Washer - Lock	12 23 2
58-6860	Connector	64 28 1	59-8080	Washer - Deep	12 30 1
58-6940	Decal - Coolant Only	17 1 1	59-8100	Washer - Shallow	12 27 1
58-7070	Spacer	17 23 2	59-8120	O-Ring	12 33 1
58-7190	Spring	10 12 1	59-8140	O-Ring	12 3 1
58-7390	Asm-Foot Rest	3 4 1	59-8150	Pawl - Detent	12 11 3
58-7730	Asm-Tube	59 7 1	59-8160	Plug	12 4 1
58-7730	Asm-Tube	60 7 1	59-8170	Washer - Wire	12 28 1
58-7740	Asm-Tube	61 38 1	59-8180	Washer	12 31 1
58-7740	Asm-Tube	62 38 1	59-8190	Wiper	12 34 1
58-7750	Asm-Tube	57 38 1	59-8230	Plug	12 16 1
58-7750	Asm-Tube	58 38 1	59-8250	Kit - Seal	12 * 1
58-7760	Asm-Tube	57 40 1	59-8260	O-Ring	30 6 1
58-7760	Asm-Tube	58 40 1	59-8270	Asm-Back Plate	30 5 1
58-7770	Asm-Tube	57 39 1	59-8280	Screw - HH	30 2 3
58-7770	Asm-Tube	58 39 1	59-8290	Screw - HH	30 1 3
58-7780	Asm-Tube	57 37 1	59-8300	Asm-Housing	30 17 1
58-7780	Asm-Tube	58 37 1	59-8320	Ring - Retaining	65 12 1
58-9010	Block	1 24 1	59-8340	Asm-Rotating	30 19 1
58-9160	Asm-Drain Plug	7 47 1	59-8350	Asm-Camplate	30 18 1
58-9210	Cam	27 42 2	59-8360	Shaft - Drive	30 10 1
58-9580	Foot Rest	1 1 1	59-8370	Seal - Shaft	30 11 1
58-9630	Sleeve - Protector	27 48 2	59-8380	Key	30 8 1
58-9830	Plate - Seat	15 31 1	59-8390	Kit - Seal Repair	30 * 1
59-6730	Race - Bearing	6 6 2	59-8420	O-Ring	65 5 2
59-6740	Bearing - Needle, Thrust	6 7 1	59-8440	Decal - Warning	18 10 1
59-6820	Kit - Centering Spring	6 10 1	59-8470	Retainer - Seal	56 6 2
59-6830	Kit - Pin, Centering	6 19 1	59-8500	Drive Gear - Spline	56 10 1
59-6860	Drive	6 14 1	59-8540	Coupling	56 14 1
59-6870	Gerotor	6 15 1	59-8550	O-Ring	52 10 1
59-7130	Knob	10 33 1	59-8570	Seal - Shaft	56 17 1
59-7140	Bumper	24 9 1	59-8580	Ring - Retaining	56 18 1
59-7140	Bumper	27 47 2	59-8590	Seal - Shaft	56 9 1
59-7160	Sender - Temp.	38 22 1	59-8600	Driven Gear	56 11 1
59-7190	Sleeve - Protective	61 5 4	60-0050	Spring	15 24 1
59-7200	Sleeve - Protective	61 32 1	60-0080	Bushing - Flanged	27 43 2
59-7240	Asm-Throttle	9 4 1	60-0090	Pin - #1 Lift Arm Pivot	27 17 1
59-7260	Sleeve - Protective	61 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	21 24 2
59-7410	Fitting - Diagnostic	7 9 5	60-0190	Retainer	23 20 1
59-7410	Fitting - Diagnostic	11 62 1	60-0190	Retainer - #1 & 4 Pivot Pin	27 18 1
59-7580	Nut	56 1 8	60-0300	Rod	24 11 1
59-7590	Washer - Lock	56 2 8	60-0550	Bushing	10 23 1
59-7600	Asm-Plug	14 1 2	60-0600	Bracket	2 47 1
59-7610	O-Ring	14 2 2	60-0670	Spring - Compression	23 11 2
59-7640	O-Ring	14 5 1	60-0730	Bracket - Lock, Neutral	2 35 1
59-7650	O-Ring	14 6 1	60-0760	Clevis	2 42 1
59-7720	Shim	14 13 A/R	60-0790	Grommet	4 27 1
59-7750	Shim	14 17 A/R	60-0930	Clip	18 5 2
59-7760	Shim	14 18 A/R	60-0930	Clip	64 5 3

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
60-1010	Lug - Angle	35	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	21	6	2	60-3850	Cup - Bearing	31	6	2
60-1250	Asm-Hose	57	19	1	60-3860	Bolt - Wheel	31	7	9
60-1250	Asm-Hose	58	19	1	60-3870	Hub	31	8	1
60-1250	Asm-Hose	61	41	2	60-3880	Cone - Bearing	31	9	1
60-1250	Asm-Hose	62	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	57	24	1	60-3950	Spring - Disengage	31	27	1
60-1360	Clamp - Tube	59	36	3	60-3980	Washer - Thrust	31	12	1
60-1630	Asm-Hose	59	25	1	60-3990	Washer - Thrust	31	23	1
60-1630	Asm-Hose	60	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	Asm-Tube	57	8	1	60-4070	Bolt - Hex. Hd.	31	14	2
60-1900	Asm-Tube	58	8	1	60-4120	Pin - Tow Bar	66	7	1
60-1990	Bushing - Flange	23	4	2	60-4150	Pin - Retaining	66	3	1
60-2000	Pin - Dowel	23	2	6	60-4190	Grass Shield - L.H.	21	30	1
60-2010	Sleeve - Protective	57	10	1	60-4200	Grass Shield - R.H.	21	31	1
60-2020	Shield - Heat	7	40	1	60-4480	Asm-Shackle	66	8	1
60-2080	Clamp - Hose	61	25	1	60-4550	Switch - Micro	12	19	1
60-2080	Clamp - Hose	21	34	1	60-5000	Bracket	44	1	1
60-2110	Pin - Roll	1	5	5	60-5010	Asm-Fuel Filter	44	2	1
60-2110	Pin - Roll	21	25	8	60-5020	Clip	44	27	4
60-2110	Pin - Spirol	10	36	2	60-5030	Wrap - Spiral	44	5	2
60-2140	Spring	9	23	2	60-5040	Hose - Fuel Feed	45	37	1
60-2160	Wire - Retaining	15	3	1	60-5070	Pipe - Fuel	45	30	1
60-2170	Screw - Pan Hd.	8	21	2	60-5090	Clamp - Lower	44	18	2
60-2180	Fitting - Tee	59	22	1	60-5100	Asm-Injection Pump	45	31	1
60-2780	Tube - Drain	45	38	1	60-5150	Hose - Rubber	44	20	1
60-3060	Washer	47	2	8	60-5160	Clip	44	21	3
60-3060	Washer	46	12	1	60-5170	Connector	44	22	1
60-3070	Valve - Pressure	47	1	1	60-5180	Clip	44	26	1
60-3090	Banjo	47	3	4	60-5210	Clamp - Upper	44	23	2
60-3100	Valve - Pressure	47	9	1	60-5220	Nut	39	2	1
60-3110	Washer	47	10	1	60-5330	Asm-Pulley	51	2	1
60-3120	Nut	47	7	4	60-5340	Asm-Front Cover	51	7	1
60-3130	Plate - Clamping	47	8	1	60-5350	Bearing	51	8	1
60-3140	Spring	47	12	1	60-5430	O-Ring	49	14	1
60-3140	Spring	46	15	1	60-5450	Plug - Air	48	3	1
60-3150	Ring - Sealing	47	13	1	60-5470	Asm-Filter Element	48	4	1
60-3150	Sealing Ring	46	14	1	60-5480	Sensor - Water	48	6	1
60-3160	Solenoid	47	11	1	60-5490	Kit - Drain Plug	48	8	1
60-3160	Solenoid	46	13	1	60-5580	Switch - Temperature	15	19	1
60-3250	Washer - Rubber	26	7	1	60-5590	Switch - Temp.	38	21	1
60-3260	Screw	4	10	1	60-5650	Sleeve - Protective	61	24	1
60-3340	Asm-Hose	61	36	1	60-5660	Sleeve - Protective	61	26	1
60-3340	Asm-Hose	62	36	1	60-5690	Clip - Safety	10	5	3
60-3380	Bearing	30	16	1	60-5700	Spring	1	23	2
60-3520	O-Ring	52	27	1	60-5710	Plug	53	6	1
60-3530	Bolt	52	33	2	60-5720	O-Ring	53	2	2
60-3540	Washer	52	32	2	60-5720	O-Ring	13	9	6
60-3590	Bearing	30	7	1	60-5730	Disc	53	8	A/R
60-3610	Ring - Snap	28	6	1	60-5740	Asm-Body	53	21	1
60-3620	Seal	28	5	1	60-5760	Pin - Dowel	53	4	4
60-3630	Wiper	28	4	1	60-5770	Asm-Idler Gear	53	10	1
60-3650	Washer	28	2	1	60-5780	Asm-Drive Gear	53	7	1
60-3660	Screw - Bleed	28	1	1	60-5820	Spring	53	9	1
60-3670	Pin - Roll	32	41	1	60-5860	Plug	53	1	1
60-3680	Hose - Overflow	18	6	1	60-5890	Washer	53	13	1
60-3720	Pin - Roll	21	2	2	60-5890	Washer - Backup	65	14	1
60-3780	Kit - Seal	13	*	1	60-5900	Kit - Seal Repair	53	*	1
60-3800	Coupling	31	1	1	60-5910	Kit - Repair, Back Plate	53	*	1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
60-5950	Washer - Backup	14 7 1	60-7360	Bolt	42 19 1
60-5950	Washer - Backup	55 46 2	60-7370	Bolt	41 4 5
60-5980	O-Ring	54 33 2	60-7370	Bolt	49 7 1
60-5990	Race - Inner	54 20 1	60-7370	Bolt	42 17 2
60-6000	Asm-Housing	54 19 1	60-7430	Asm-Oil Seal	39 13 1
60-6010	Cover - Trunnion	54 23 1	60-7480	Bolt	39 10 7
60-6020	Camplate	54 14 1	60-7490	Bolt	39 12 8
60-6030	Asm-Rotating Kit	54 12 1	61-3610	Decal	26 32 2
60-6040	Asm-Back Plate	54 9 1	61-3610	Decal	27 52 3
60-6050	Bearing	55 48 1	62-2610	Strainer	15 16 1
60-6060	Cartridge	54 37 1	62-6290	Decal - Lift Lever	7 26 1
60-6070	Poppet	54 40 1	62-6300	Asm-Sleeve	19 10 1
60-6080	O-Ring	54 38 1	62-6320	Screw - Brass	38 33 1
60-6090	Spring	54 39 1	62-6370	Kit - Seal	28 * 1
60-6110	Bearing - Needle	54 18 2	62-6400	Asm-Drive Hub	29 21 2
60-6120	Cover - Seal	54 15 1	62-6410	Asm-Primary Carrier	31 15 1
60-6130	Gasket - Housing	54 10 1	62-6420	Asm-Secondary Carrier	31 20 1
60-6140	Shaft - Drive	54 31 1	62-6430	Gear - Primary Sun	31 13 1
60-6150	Bearing	55 47 1	62-6440	Foot Pad	3 3 1
60-6160	Race - Thrust	54 29 2	62-6450	Kit - Retaining Ring	31 28 1
60-6170	Bearing - Needle, Thrust	54 30 1	62-6460	Tube - RW Sealant	31 * 1
60-6180	O-Ring	54 5 1	62-7400	Decal - Toro	2 46 1
60-6190	O-Ring	54 21 1	62-7650	Gasket - Fuel Sender	20 9 1
60-6200	Asm-Charge Pump Adapter	54 2 1	63-4380	Decal - Instruction	66 2 2
60-6210	Cover - O-Ring	54 22 1	63-4390	Bearing - Needle	54 6 1
60-6220	Screw - HH	54 36 2	63-4440	O-Ring	12 5 1
60-6230	Screw - HH	54 1 2	63-4480	Tire	29 26 2
60-6240	Washer	54 27 1	63-4510	Spring	12 15 1
60-6250	Washer	54 17 2	63-4520	Kit - Seal	14 * 1
60-6260	Ring - Retaining	54 25 1	63-4540	Decal - Ground Speed	4 20 1
60-6270	Ring - Retaining	54 28 2	63-4560	Spring	46 2 1
60-6300	Seal - Shaft	54 26 1	63-4570	Lever	46 3 1
60-6310	Key	54 13 1	63-4580	Nut	46 4 2
60-6320	Key	54 35 1	63-4590	Screw - Vent	46 5 1
60-6330	Screw	54 24 4	63-4600	Body - Screw Vent	46 6 1
60-6340	Kit - Bleed-Off Valve	55 * 1	63-4610	Washer	46 7 3
60-6350	Asm-Gerotor Gear	54 7 1	63-4620	Washer	46 8 4
60-6360	Kit - Charge Relief Spring	55 * 1	63-4630	Key	46 9 1
60-6400	Kit - Seal	55 * 1	63-4640	Washer - Lock	46 10 1
60-6440	Eyelet	13 32 3	63-4650	Washer	47 6 2
60-6450	Disc	13 2 A/R	63-4660	Washer	47 5 4
60-6650	Screw - HH	59 16 2	63-4670	Valve - Pressure	47 4 2
60-6650	Screw - HH	11 60 2	63-4680	Asm-Tube	59 8 1
60-6660	Nut - Hex	21 7 2	63-4680	Asm-Tube	60 8 1
60-6740	Washer	2 38 3	63-4700	Valve - Flow Regulator	11 72 1
60-6760	Screw	1 18 3	63-4710	Asm-Tube	61 37 1
60-6870	Screw	21 18 3	63-4710	Asm-Tube	62 37 1
60-6870	Screw - HH	35 21 4	63-4740	Bolt - Cylinder Head	40 33 2
60-6990	Washer	29 19 18	63-4780	Valve - Relief	12 8 1
60-6990	Washer	1 29 1	63-4800	Valve - Control	10 9 1
60-7040	Bolt	43 10 2	63-4820	Detent - Block	12 25 1
60-7050	Bolt	44 4 2	63-4830	Screw - HH	12 22 2
60-7050	Bolt	37 7 8	63-4840	Spool - Screw	12 26 1
60-7060	O-Ring	37 6 1	63-4850	Plunger	12 18 1
60-7110	Bolt	39 5 2	63-4860	Circlip	12 14 1
60-7110	Bolt	42 12 16	63-7590	Relay	5 10 1
60-7110	Bolt	36 17 2	63-8360	Key - Ignition	8 8 2
60-7110	Bolt	41 37 2	63-8410	Washer - Flat	20 30 2
60-7110	Bolt	38 46 2	63-9920	Decal - EEC 105	4 32 1
60-7120	Nut	45 32 3	65-5870	Tube - Manual	15 11 1
60-7180	Bolt	37 1 1	65-5890	Cap - Tube	15 8 2
60-7190	Gasket	45 35 1	66-2490	Retainer - Battery	18 39 1
60-7200	Plate - Flange	37 11 1	66-2940	Gauge - Fuel	8 6 1
60-7210	Bolt	37 21 1	66-2950	Hourmeter	8 7 1
60-7260	Nut - Hex	46 11 1	66-3160	Screw	2 44 7
60-7280	Bolt	43 1 8	66-5410	Orifice	10 41 1
60-7280	Bolt	36 16 2	66-5420	Sleeve	12 17 1
60-7290	Bolt	44 25 2	66-5430	Screw - Machine	12 21 2
60-7290	Bolt	41 29 4	66-5440	Nut - Lock	12 12 2
60-7300	Bolt	43 11 2	66-5580	Kit - Seal Repair	11 * 1
60-7310	Bolt	36 35 1	66-5590	Kit - Seal	11 * 1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
66-5710	Seal - Shaft	65	13	1	74-2790	Asm-Tube	57	36	1
66-5730	Asm-Plate & Bushings	65	8	1	74-2790	Asm-Tube	58	36	1
66-5740	Body	65	6	1	74-2810	Asm-Tube	57	35	1
66-5750	Gear - Idler	65	2	1	74-2810	Asm-Tube	58	35	1
66-5760	Gear - Drive	65	3	1	74-2820	Asm-Tube	57	28	1
66-5770	Screw - Cap Soc. Hd.	65	9	8	74-2820	Asm-Tube	58	28	1
66-5840	Kit - Seal Repair	30	*	1	74-2850	Muffler	21	11	1
66-5860	Adapter - 45°	11	55	1	74-2900	Spark Arrester - Muffler	21	*	1
66-6140	Decal - TORO	20	21	1	74-2920	Carrier - Front	23	7	1
68-6030	Screw - HH	38	26	2	74-3090	Spring	6	20	2
68-6040	Bracket - Latch	17	26	2	74-3140	Ball - Check	6	22	2
68-6150	Breather	7	15	1	74-3170	Linkage - Cross Cut Control	11	74	1
68-6270	Kit - Tube	59	21	1	74-3190	Lever - Lift	10	2	3
68-6270	Kit - Tube	60	21	1	74-9100	Pad - Forward	1	3	1
68-6310	Kit - Tube	57	29	1	74-9110	Pad - Reverse	1	4	1
68-6310	Kit - Tube	58	29	1	75-1370	Cable - Pos. Battery	64	16	1
68-6340	Kit - Tube	57	30	1	75-6700	Sensor - Magnetic	29	45	1
68-6340	Kit - Tube	58	30	1	75-7790	Handle	18	15	2
68-6370	Kit - Tube	59	13	1	75-8200	Asm-Hose	57	2	1
68-6370	Kit - Tube	60	13	1	75-8200	Asm-Hose	58	2	1
68-6400	Asm-Oil Pan	42	15	1	75-8210	Asm-Hose	57	7	1
68-6410	Gasket	42	9	1	75-8210	Asm-Hose	58	7	1
68-6420	Plug	42	11	1	76-2290	Spacer	18	19	2
68-6430	Gasket	42	10	1	76-3280	Pedal - Traction	1	2	1
68-6440	Dipstick	42	14	1	76-3330	Spacer	2	62	1
68-6460	Kit - Relief Valve	54	32	2	76-3340	Link	2	61	1
68-6480	Bushing	26	2	4	76-3350	Spacer	2	53	1
68-6480	Bushing	27	23	6	76-3370	Bushing	2	58	1
68-7575	Strip - Sealing	18	12	3	76-3430	Rod	2	54	1
68-7810	Panel - Lining	7	48	1	76-3470	Tube - Exhaust	21	8	1
68-7840	Strip - Foam	7	33	1	76-3560	Clamp - Exhaust	21	41	1
68-7850	Strip - Foam	15	26	1	76-8750	Plate - Caution	18	27	1
68-8080	Wheel - Steering	4	3	1	77-3620	Knob - Retainer	17	10	2
69-1830	Asm-Plug	13	14	1	77-4800	Cylinder - Steering	32	36	1
69-1940	Indicator - Electrical	43	12	1	77-4830	Decal	4	5	1
69-2960	Hub - Wheel, Rear	32	9	2	77-4840	Speedometer	8	4	1
69-2970	Cap - Hub	32	16	2	80-3330	Gasket	19	13	1
69-2980	Seal - Inner	32	22	2	80-9330	Alarm - Audio	5	6	1
69-2990	Screw - Drive	32	8	10	82-2710	Screw	16	35	1
69-4780	Clamp - Gauge	5	15	2	82-2720	Frame - Seat	16	23	1
69-6470	Bushing - Flange	32	5	4	82-2730	Kit - Wear Parts	16	4	1
69-8890	Cap - Spindle	32	2	2	82-2740	Spring Set - Tension	16	5	1
69-9550	Plate - Pump Adapter	35	17	1	82-2750	Asm-Spindle Adj.	16	34	1
69-9810	Joint - Ball	32	45	1	82-2760	Kit - Bushing	16	41	1
69-9880	Tire	32	12	2	82-2770	Asm-Shock Absorber	16	38	1
70-1240	Asm-Plug	54	3	2	82-2790	Rail - Adjust. R.H.	16	21	1
70-2860	Bolt	37	28	4	82-2800	Cushion - Backrest	16	12	1
70-5040	Hose - By-Pass	38	32	1	82-2810	Asm-Switch	16	25	1
71-4040	Asm-Filler Cap	15	12	1	82-2820	Asm-Swing Arm	16	20	1
72-0130	Button - Horn	4	1	1	82-2830	Clamp	16	37	2
72-0140	Gasket	44	6	4	82-2840	Cushion - Bottom	16	15	1
72-0150	Asm-Nozzle	44	*	4	82-2850	Plate	16	1	1
72-0160	Asm-Nozzle Tip	44	7	4	82-2860	Spring Set - Tension	16	33	1
72-0170	Pipe - Injector No. 1	45	29	1	82-2870	Lever - Adjust	16	7	1
72-0180	Pipe - Injector No. 2	44	16	1	82-2880	Asm-Weight Adj.	16	*	1
72-0190	Pipe - Injector No.3	44	28	1	82-2980	Plate - Cover	21	51	1
72-0200	Pipe - Injector No. 4	44	19	1	82-2990	Clamp - Tube	21	50	2
72-0210	Pipe - Fuel Leak-Off	44	17	1	82-4910	Roller	21	22	8
72-0270	Nut - Retaining	44	8	4	82-5730	Rod Tie, End	34	15	1
72-0280	Spacer	44	9	4	82-5740	Nut - Jam	34	14	1
72-0290	Pin - Pressure	44	10	4	82-5750	Nut - Lock	34	12	1
72-0300	Spring - Pressure	44	11	4	82-5760	Piston	34	11	1
72-0310	Nut	44	15	4	82-5770	Rod	34	2	1
72-0320	Nozzle - Body	44	13	4	82-5780	Cap - Threaded	34	1	1
72-0330	Packing	44	14	4	82-5790	Head - Cap	34	5	1
72-9760	Switch - Override	8	19	1	82-5800	Kit - Repair, Seal	34	*	1
74-2710	Clamp - Split	61	22	4	82-5890	Panel - Display	4	26	1
74-2730	Spacer	61	44	4	82-5930	Wire - Jumper	63	6	1
74-2750	Retainer	61	21	2	82-5940	Wire - Jumper	63	4	1
74-2780	Asm-Tube	57	32	1	82-8700	Ring - Retaining	31	25	2
74-2780	Asm-Tube	58	32	1	82-9210	Shaft - Pivot	32	42	1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
82-9230	Harness - Wire	63 1 2	86-6240	Plug - Taper	36 28 3
82-9250	Stud - Threaded	23 1 2	86-6250	Plate - Front	36 36 1
82-9260	Asm-Tie Rod	32 27 1	86-6270	Gasket	39 24 1
82-9280	Disc - 22 Hole	29 42 2	86-6280	Asm-Crankshaft	39 25 1
82-9310	Panel - Display	4 25 1	86-6290	Asm-Idler Gear	37 9 1
82-9330	Bracket - Sensor	29 4 1	86-6300	Bushing	37 18 1
82-9340	Switch - Oil Level	15 10 1	86-6310	Gear - Injector Pump	37 15 1
82-9360	Rod - Latch	23 13 2	86-6320	Shaft	38 12 1
82-9370	Pad - Step	23 9 1	86-6330	Pipe	38 17 1
82-9620	Washer - Spring	16 26 2	86-6340	Impeller	38 19 1
82-9630	Nut	16 27 2	86-6350	Ring - Retaining	38 43 1
82-9640	Screw	16 24 2	86-6360	Washer	38 42 1
82-9650	Nut	16 19 4	86-6370	Spacer	38 41 1
82-9660	Washer	16 18 4	86-6380	Washer	45 34 3
82-9670	Nut	16 39 1	86-6390	Stud	45 36 3
82-9680	Rivet	16 2 2	86-6400	Diode	49 21 1
82-9690	Screw	16 17 4	86-6400	Diode	64 24 1
82-9700	Screw	16 3 1	86-6430	Asm-Rear Cover	51 12 1
82-9710	Trim - Bottom	16 22 1	86-6440	Asm-Rectifier	51 13 1
82-9720	Trim - Backrest	16 32 1	86-6450	Kit - Seal	56 * 1
82-9730	Wire - Jumper	63 5 2	86-6470	Decal - RM4500D	17 31 2
82-9740	Wire - Jumper	63 7 1	86-6520	Switch - Temp. Warning	40 1 1
82-9750	Asm-Jumper	64 18 1	86-6570	Lever	21 20 1
82-9760	Harness - Wiring Gauges	64 7 1	86-6580	Lever - RH	21 * 1
82-9770	Harness - Wire	63 8 1	86-6590	Lever - LH	21 28 1
82-9780	Harness - Wire	63 3 1	86-6610	Bolt - Inlet	47 18 1
82-9790	Harness - Wiring Valve	64 9 1	86-6620	Bolt	47 16 1
82-9800	Harness - Wire	64 14 1	86-6630	Seal - Rubber	47 15 1
82-9810	Harness - Wiring Traction	64 10 1	86-6640	O-Ring	47 14 1
82-9820	Harness - Wire	63 2 1	86-6650	Bolt - Outlet	46 16 1
82-9840	Asm-Hose	57 16 1	86-6660	Joint	47 17 1
82-9840	Asm-Hose	58 16 1	86-6670	Tube - Fuel	47 19 1
82-9840	Hose - Hydraulic	32 35 1	86-6680	Asm-Lever	46 * 1
82-9841	Asm-Hose	57 11 1	86-6680	Nut	46 25 1
82-9841	Asm-Hose	58 11 1	86-6690	Lever	46 19 1
82-9841	Hose - Hydraulic	32 37 1	86-6700	Bushing	46 18 1
82-9850	Axle - Rear	32 6 1	86-6710	Arm	46 20 1
82-9940	Harness - Wire Horn	64 12 1	86-6720	Washer	46 22 1
84-6210	Asm-Hydraulic Cylinder	26 31 2	86-6730	Spring	46 21 1
84-6210	Asm-Hydraulic Cylinder	27 28 3	86-6740	Guide	46 23 1
84-6230	Asm-Hose	59 33 1	86-6750	Washer	46 17 2
84-6230	Asm-Hose	60 33 1	86-6760	Guide	46 1 1
84-6240	Asm-Hose	59 4 1	86-6770	Screw	46 24 1
84-6240	Asm-Hose	60 4 1	86-6790	Washer	46 26 1
84-6400	Orifice - .047 Dia.	13 39 2	86-6800	Bolt	46 28 1
84-6401	Orifice - .052 Dia.	13 40 1	86-6810	Asm-Pipe	46 29 1
84-6420	Plunger	13 37 2	86-6820	Bolt	46 27 2
84-6430	Plunger	13 29 1	88-6760	Spring - Gas	17 17 2
84-6440	Shield - Grass	30 20 1	92-1753	Coupling - Spring Center	35 16 1
84-6450	Spring	13 19 1	92-2951	Rail - Adjust. L.H.	16 16 1
84-6470	Bracket - Filter	9 32 1	92-2961	Fan	38 4 1
84-6480	Plate - Decal	23 24 1	92-2986	Engine - Complete	36 * 1
86-5480	Fitting - Diagnostic	52 2 1	92-4703	Body - Lower	20 24 1
86-5990	Harness - Hyd. Filter	63 9 1	92-4713	Canopy - Front	17 32 1
86-6000	Asm-Gear Pump	52 15 1	92-4725	Asm-Hose	57 15 1
86-6010	Cover - Front	56 4 1	92-4725	Asm-Hose	58 15 1
86-6020	Center S/A Section	56 8 1	92-4729	Asm-Radiator	18 20 1
86-6030	Port Section - Rear	56 13 1	92-4730	Plate - Floor	2 40 1
86-6040	O-Ring	56 15 1	92-4731	Pipe - Intake	43 17 1
86-6050	Plug	56 16 1	92-4746	Fender - RH	7 38 1
86-6070	Plate - Wear	56 7 2	92-4751	Tube - Breather	7 16 1
86-6080	O-Ring Seal	56 12 2	92-4752	Hose - Intake	43 19 1
86-6090	Asm-Hydraulic Oil Filter	9 22 1	92-4753	Strap - Oil Cooler	18 14 2
86-6100	Switch - Filter Warning	9 21 1	92-4754	Bracket - Cable	43 13 1
86-6110	Asm-Element	9 11 1	92-4754	Bracket - Cable	9 43 1
86-6120	Decal - Towing	23 15 1	92-4760	Spacer - Fan	38 44 1
86-6130	Stud - Ball	17 12 4	92-4761	Chassis	21 29 1
86-6200	Guide - Valve	40 14 8	92-4768	Tiedown	21 43 2
86-6210	Retainer - Upper	41 42 8	92-4795	Hose - Radiator Lower	18 3 1
86-6220	Tappet	41 39 8	92-4796	Hose - Radiator Upper	18 7 1
86-6230	Bolt	36 29 6	92-4798	Shroud - Fan	18 24 1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
92-4799	Fitting - Hydraulic Tee	7	42	1	92-9259	Asm-Backplate/Relief	65	21	1
92-4799	Fitting - Hydraulic Tee	52	4	1	92-9260	Kit - Relief Valve	65	15	2
92-5253	Strip - Sealing	17	7	1	92-9265	Housing - Thermostat	38	29	1
92-5256	Bushing - Universal	8	27	2	92-9266	Standpipe	20	4	2
92-5259	Piston Std.	40	19	4	92-9267	Sender - Fuel	20	8	1
92-5260	Piston .05 0.25mm	40	*	4	92-9272	Hose - Fuel Fill	20	11	1
92-5261	Piston .05 0.5mm	40	*	4	92-9273	Console - Center	7	7	1
92-5262	Piston Ring Set Std.	40	17	1	92-9283	Hose - Vent, Fuel	20	12	1
92-5263	Piston Ring Set 0.5 0.25mm	40	*	1	92-9284	Hose - Fuel, Suction	20	2	1
92-5264	Piston Ring Set 0.5 0.50mm	40	*	1	92-9285	Hose - Fuel, Return	20	1	1
92-5265	Jet - Combustion Std.	40	29	4	92-9289	Lift Arm No. 1	27	41	1
92-5266	Gasket - Cylinder Head	40	30	1	92-9290	No. 2 Lift Arm	26	12	1
92-5267	Asm-Cylinder Head	40	31	1	92-9291	No. 3 Lift Arm	26	1	1
92-5268	Kit - Engine Gasket	36	*	1	92-9296	Lift Arm No. 4	27	24	1
92-5269	Bellows	20	43	1	92-9297	Lift Arm No. 5	27	*	1
92-5270	Baffle - Lower Body	17	18	1	92-9730	Cap - End	6	16	1
92-5524	Decal - Noise Rating, 90	4	31	1	92-9732	Plate - Spacer	6	13	1
92-5652	Bracket - Gas Spring	17	38	2	92-9733	Screw - HH	6	18	7
92-5653	Ring - Clamp	20	42	1	92-9737	Plug - Retainer	6	21	2
92-5654	Panel - Clean Out	20	40	1	92-9747	Kit - End Cap	6	*	1
92-5655	Spacer	17	2	2	92-9749	Kit - Seal	6	*	1
92-5656	Plate - Face, Instrument	8	3	1	93-0307	Nut - Retainer	33	50	2
92-5657	Panel - Instrument	8	11	1	93-0309	Washer - Tab	32	18	2
92-5670	Strip - Sealing	20	23	2	93-0310	Spindle - Wheel RH	33	47	1
92-5671	Strip - Sealing	20	22	1	93-0311	Spindle - Wheel LH	32	7	1
92-5672	Support - Foam Top/Side	17	35	1	93-1402	Tank - Fuel	20	20	1
92-5673	Support - Foam Front	17	33	1	93-1410	Kit - Tube	59	6	1
92-5674	Neck - Fuel Fill	20	16	1	93-1410	Kit - Tube	60	6	1
92-5675	Grommet	20	18	1	93-1412	Asm-Reel Motor	65	*	1
92-5678	Foam - Top	17	36	1	93-1413	Kit - Seal Repair	65	*	1
92-5679	Foam - Front	17	34	1	93-1420	Tray - Battery	18	41	1
92-5680	Foam - Side RH	17	*	1	93-1430	Clutch - Fan	38	3	1
92-5681	Foam - Side LH	17	30	1	93-1432	Valve - Lift Control	10	15	1
92-5682	Seal	7	23	1	93-1434	Cluster - Warning Lights	5	1	1
92-5685	Harness - Wiring Main	64	17	1	93-1435	Cluster - Warning Lights	5	2	1
92-5694	Hose - Hydraulic	7	35	1	93-1445	Canopy - Center	17	43	1
92-5697	Screw - Hex. Socket Hd.	38	45	4	93-3102	Cap - Fuel	20	17	1
92-6050	Guard - Hose	22	5	1	93-6668	Decal - Battery (Europe)	18	42	1
92-6051	Bracket - Bumper	22	2	2	93-6680	Decal - Diesel Fuel	17	11	1
92-6052	Bumper	22	4	1	93-6681	Decal - Fan (Europe)	18	45	1
92-6058	Fitting	29	14	4	93-7252	Decal - CE Mark	4	33	1
92-6058	Fitting - Long	52	20	1	93-7276	Decal - Danger (Europe)	18	43	1
92-6059	Plug - Button	21	45	12	93-7331	Decal - (Europe)	26	32	1
92-6060	Strip - Sealing	17	39	1	93-7331	Decal - (Europe)	27	52	1
92-6062	Foam - Radiator Seal	18	13	1	93-7752	Guard - Fan (Europe)	18	46	1
92-6064	R-Clamp	20	14	3	93-7767	Guard - Pulley (Europe)	45	39	1
92-6065	Shield	18	34	1	93-7768	Coupling (Europe)	11	53	1
92-6069	Shield - Exhaust	20	27	1	93-7790	Shield	8	31	1
92-6081	Foam - Dampener	7	51	1	93-7791	Bracket	8	30	1
92-6086	Screen - Rear	17	6	1	93-7792	Shield - Glow Plug Indicator	8	29	1
92-6094	Bolt	37	4	1	93-7793	Plate	8	28	1
92-6096	Case - Timing Gear	37	23	1	93-8067	Decal - Hydraulic Oil	15	23	1
92-9200	Cover	15	18	1	93-9397	Decal - Ground Speed	4	*	1
92-9202	Asm-Tube	58	14	2	93-9399	Decal - Noise (Europe)	4	5	1
92-9202	Asm-Tube	57	14	2	93-9400	Decal - Towing (Europe)	23	15	1
92-9210	Lever Pump	1	28	1	93-9401	Decal - Test Ports (Europe)	7	6	1
92-9211	Gauge - Temperature	8	5	1	93-9402	Panel - Side, Control	9	30	1
92-9220	Valve - Steering	4	6	1	93-9403	Panel - Face, Instrument	8	3	1
92-9221	Cable - Spring	9	28	1	93-9404	Decal - Coolant (Europe)	17	1	1
92-9221	Cable - Spring	2	39	1	93-9405	Decal - Tire Pressure	21	17	2
92-9222	Cable - Brake	9	13	1	93-9406	Decal - Hyd. Fill (Europe)	7	20	1
92-9225	Asm-Yoke	9	24	1	93-9407	Decal - Lift Lever (Europe)	7	26	1
92-9228	Lever - Neutral Lock	2	36	1	93-9408	Decal - Warning (Europe)	7	32	1
92-9245	Hose - Intake	18	25	1	93-9409	Decal - Latch (Europe)	3	6	1
92-9246	A-Frame	26	10	1	93-9425	Decal - Danger (Europe)	7	31	1
92-9253	Asm-Relief Valve	53	23	1	93-9426	Decal - Danger	7	31	1
92-9254	O-Ring	53	26	1	93-9427	Decal - 5 Blade Clip	4	34	1
92-9255	O-Ring	53	24	1	94-8265	Kit - Metering	14	*	1
92-9256	Washer - Back Up	53	25	1	94-8288	Switch	5	11	2
92-9257	Kit - Seal Repair	53	*	1	94-8290	Switch - Glow Plug	8	14	1
92-9258	Fitting - Check Valve	11	77	3	94-8451	Spacer - Coupling	35	18	1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
95-6050	Pin - Dowel	54 11 2	240-9	Grommet	20 45 3
217-116	Rim	32 14 2	240-11	Grommet	20 29 2
218-446	Nut - Switch	8 15 1	2410-18	Plug	66 2 1
218-447	Washer - Lock, Switch	8 16 1	2411-44	Rod End - Ball Joint	2 52 1
218-497	Nut - Beveled	8 32 1	2412-7	Asm-Clamp	32 25 2
218-498	Nut - Hex.	5 12 2	2412-31	Clip	9 12 1
218-498	Nut - Hex.	8 13 2	2412-42	Clamp - Hose	43 18 1
219-17	Bulb - Warning Light	5 * 8	2412-42	Clamp - Hose	20 19 2
2116-3	Joint - Ball, L.H.	32 * 1	2412-42	Clamp - Hose	18 26 2
2116-4	Joint - Ball RH	32 23 1	2412-74	Clamp-R	64 25 1
232-27	Stem - Valve	32 19 2	2412-92	Clamp	57 18 2
233-10	Knob	10 19 1	2412-92	Clamp - Hose	18 4 4
233-25	Knob	9 15 1	2412-102	R-Clamp	15 34 2
233-39	Knob	10 1 3	2412-106	Clamp - R	7 2 2
237-21	O-Ring	29 1 2	2412-108	Clamp - Hose	20 3 5
237-21	O-Ring	10 11 1	2412-109	Clip	64 3 2
237-21	O-Ring	7 27 5	2412-131	Clamp-R	64 21 3
237-22	O-Ring	59 3 31	2412-132	Clamp	21 13 1
237-22	O-Ring	29 6 2	252-66	Bearing - Thrust	30 15 1
237-22	O-Ring	4 9 4	252-71	Race - Thrust	30 14 1
237-22	O-Ring	57 12 22	254-72	Cup - Bearing, Outer	32 10 2
237-22	O-Ring	52 18 4	254-92	Cone - Bearing, Outer	32 11 2
237-22	O-Ring	26 27 2	254-106	Cone - Bearing Inner	32 21 2
237-22	O-Ring	10 30 15	254-107	Cup - Bearing Inner	32 20 2
237-22	O-Ring	27 38 3	256-304	Washer - Thrust	32 4 4
237-22	O-Ring	32 38 2	281-2	Plug Pipe	18 8 1
237-22	O-Ring	7 39 2	283-67	Pin - Clevis	29 38 4
237-30	O-Ring	52 23 1	302-5	Fitting - Grease	23 16 2
237-30	O-Ring	52 35 1	302-5	Fitting - Grease	27 20 3
237-30	O-Ring	59 39 1	302-5	Fitting - Grease	32 44 3
237-30	O-Ring	57 50 1	302-11	Fitting - Grease	33 49 1
237-42	O-Ring	59 1 7	302-33	Fitting - Grease	32 24 2
237-42	O-Ring	52 3 1	302-66	Fitting - Grease	12 24 1
237-42	O-Ring	29 8 2	304-46	Valve - Drain	18 35 1
237-42	O-Ring	7 10 5	321-2	Screw - HH	20 26 9
237-42	O-Ring	65 16 2	321-2	Screw - HH	17 47 4
237-42	O-Ring	26 25 2	321-3	Screw - HH	7 1 2
237-42	O-Ring	10 32 11	321-4	Screw - HH	9 44 1
237-42	O-Ring	11 61 1	321-9	Screw - HH	21 49 2
237-42	O-Ring SAE	27 36 3	321-11	Screw - HH	11 71 2
237-58	O-Ring	29 15 4	321-14	Screw - HH	61 23 4
237-58	O-Ring	52 21 3	321-24	Screw - HH	7 45 2
237-65	O-Ring	24 2 3	322-2	Screw - HH	38 1 8
237-65	O-Ring	61 3 26	322-2	Screw - HH	23 18 2
237-65	O-Ring	27 4 9	322-3	Screw - HH	18 1 10
237-65	O-Ring	52 7 1	322-3	Screw - HH	29 2 6
237-65	O-Ring	7 17 1	322-3	Screw - HH	4 13 1
237-65	O-Ring	10 45 9	322-3	Screw - HH	20 15 2
237-78	O-Ring	10 27 1	322-3	Screw - HH	17 24 1
237-78	O-Ring	32 40 2	322-4	Screw - HH	17 44 4
237-79	O-Ring	4 7 4	322-4	Screw - HH (Model 03702)	18 44 4
237-79	O-Ring	52 25 3	322-5	Screw - HH	17 15 4
237-79	O-Ring	7 36 1	322-5	Screw - HH (Europe)	18 44 4
237-79	O-Ring	11 58 2	322-6	Screw - HH	9 29 2
237-80	O-Ring	24 4 3	322-6	Screw - HH	15 33 4
237-80	O-Ring	59 14 1	322-6	Screw - HH	2 65 1
237-80	O-Ring	52 37 1	322-9	Screw - HH	10 29 1
237-80	O-Ring	10 43 9	322-12	Screw - HH	27 1 4
237-80	O-Ring	7 46 1	322-12	Screw - HH	24 1 2
237-80	O-Ring SAE	27 6 6	322-12	Screw - HH	10 7 4
237-81	O-Ring	61 1 10	323-4	Screw - HH	9 14 3
237-81	O-Ring	52 9 3	323-5	Screw - HH	20 31 2
237-81	O-Ring	29 13 4	323-6	Screw - HH	27 11 2
237-100	Grommet	64 4 1	323-6	Screw - HH	35 29 4
237-114	O-Ring	55 45 2	323-7	Screw - HH	26 4 2
237-118	O-Ring	30 4 2	323-7	Screw - HH	35 28 4
237-118	O-Ring	29 11 2	323-8	Screw - HH	4 23 4
237-123	O-Ring	9 25 2	323-9	Screw - HH	21 12 2
237-123	O-Ring	10 39 1	323-9	Screw - HH	18 37 1
237-141	Grommet	17 27 4	323-13	Screw - HH	26 20 2
237-146	O-Ring	52 29 1	323-13	Screw - HH	27 56 3

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323-20	Screw - HH	29	27	4	3254-21	Washer - Lock, Int. Tooth	61	47	2
325-2	Screw - HH	23	22	2	3255-5	Washer - Lock	38	39	1
325-5	Screw - HH	52	17	2	3255-8	Washer - Lock	35	24	2
325-7	Screw - HH	26	11	1	3255-8	Washer - Lock	50	25	1
325-8	Screw - HH	2	50	1	3255-9	Washer - Lock	35	25	1
325-9	Screw - HH	1	12	1	3255-24	Washer - Lock	1	30	2
325-17	Screw - HH	26	3	2	3256-3	Washer	27	12	2
325-34	Screw - HH	27	25	6	3256-3	Washer - Flat	9	18	3
325-34	Screw - HH	26	34	4	3256-3	Washer - Flat	29	40	4
327-3	Screw - HH	29	20	16	3256-3	Washer - Flat	17	45	4
3211-6	Screw - HH	2	56	1	3256-3	Washer - Flat	7	53	2
3213-2	Screw - HH	52	14	4	3256-3	Washer - Flat	2	68	1
3213-20	Screw - HH	35	19	2	3256-7	Washer - Flat	21	4	4
3217-5	Nut - Hex.	9	5	1	3256-13	Washer - Flat	12	20	2
3217-6	Nut	4	11	1	3256-16	Washer - Flat	3	14	3
3217-6	Nut - Hex	24	8	2	3256-16	Washer - Flat	61	20	4
3217-6	Nut - Hex.	9	16	4	3256-22	Washer - Flat	9	7	1
3217-6	Nut - Hex.	10	24	5	3256-22	Washer - Flat	7	49	16
3217-6	Nut - Hex.	9	41	2	3256-22	Washer - Flat	11	70	2
3217-6	Nut - Hex.	27	54	4	3256-23	Washer	27	7	4
3217-9	Nut - Hex.	1	16	2	3256-23	Washer - Flat	24	6	2
3217-29	Nut - Hex.	1	31	2	3256-23	Washer - Flat	10	13	5
3218-2	Nut - Jam	2	66	1	3256-23	Washer - Flat	17	19	2
3219-5	Nut - Hex.	1	20	1	3256-23	Washer - Flat	9	39	8
3219-5	Nut - Hex.	29	23	18	3256-23	Washer - Flat	20	48	2
3220-7	Nut - Jam	32	17	2	3256-24	Washer	2	34	2
3220-11	Nut - Hex.	7	28	5	3256-24	Washer	18	38	1
3231-25	Bolt - Carriage	22	3	12	3256-24	Washer - Flat	18	21	2
3233-7	Bolt - Carriage (Europe)	33	53	8	3256-24	Washer - Flat	4	21	4
3234-4	Screw - Hex. Flange Hd.	20	38	5	3256-24	Washer - Flat	35	30	8
3234-5	Screw - Flange Hex. Hd.	15	2	6	3256-24	Washer - Flat	15	35	4
3234-5	Screw - Flange Hex. Hd.	2	69	4	3256-24	Washer - Flat	21	40	2
3234-11	Screw - Hex. Flange Hd.	18	18	2	3256-24	Washer - Flat	11	76	2
3234-12	Screw - Hex. Flange Hd.	32	1	2	3256-26	Washer - Flat	52	12	6
3234-13	Screw - Hex. Flange Hd.	17	13	5	3256-26	Washer - Flat	26	16	7
3234-13	Screw - Taptite	20	44	2	3256-26	Washer - Flat	2	51	1
3234-17	Screw - Hex. Flange Hd.	20	49	2	3256-26	Washer - Flat	27	51	6
3245-44	Screw - Set	11	73	1	3256-27	Washer - Flat	29	41	16
3245-45	Screw - Set	11	75	2	3256-45	Washer - Flat	2	57	2
3246-17	Screw - Set	65	10	2	3256-51	Washer - Flat	17	28	8
3247-10	Screw - Set	29	22	4	3256-51	Washer - Flat	20	46	4
3250-18	Screw - Mach. Pan Hd.	8	24	2	3256-56	Washer - Flat	26	9	2
3250-25	Screw - Pan Hd.	17	20	4	3256-56	Washer - Flat	27	57	3
3250-31	Screw - Pan Hd.	17	25	8	3256-68	Washer	24	10 A/R	
3250-36	Screw - Phil. Hd.	7	52	2	3256-71	Washer - Flat	18	23	4
3250-40	Screw - Slotted Pan Head	1	27	2	3256-76	Washer - Flat	2	59	2
3251-1	Screw - Pan Hd.	5	9	1	3258-19	Screw - Machine	19	6	2
3251-4	Screw - Pan Hd.	5	7	4	3272-1	Pin - Cotter	10	22	8
3253-2	Washer - Lock	5	17	1	3272-6	Pin - Cotter	29	35	4
3253-2	Washer - Lock	17	21	4	3272-11	Pin - Cotter	15	4	2
3253-3	Washer - Lock	9	6	1	3272-12	Pin - Cotter	32	29	4
3253-3	Washer - Lock	17	46	4	3272-13	Pin - Cotter	32	15	2
3253-4	Washer - Lock	18	2	6	3274-7	Screw - Socket Head	1	32	2
3253-4	Washer - Lock	29	3	6	3274-68	Screw - Hex. Button Hd.	4	28	4
3253-4	Washer - Lock	24	7	2	3274-68	Screw - Mach.	8	2	4
3253-4	Washer - Lock	4	12	1	3274-89	Screw - Socket Head	1	25	1
3253-4	Washer - Lock	10	14	5	3274-90	Screw	8	23	4
3253-4	Washer - Lock	23	19	2	3285-11	Pin - Roll	27	39	3
3253-4	Washer - Lock	38	27	10	3285-11	Pin - Spirol	23	10	2
3253-4	Washer - Lock	27	53	6	3289-25	Screw - Socket Flat Hd.	21	42	4
3253-5	Washer - Lock	29	17	4	3290-250	Pin - Hair, Cotter	15	6	2
3253-5	Washer - Lock	4	22	4	3290-271	Rivet - Pop	18	28	2
3253-5	Washer - Lock	2	33	2	3290-355	Clip - Retaining	15	1	1
3253-5	Washer - Lock	9	37	3	3290-355	Pin - Hair Cotter	17	8	2
3253-5	Washer - Lock	27	50	2	3290-357	Nut - Lock	26	8	2
3253-7	Washer - Lock	52	13	6	3290-378	Cable - Tie	9	38	1
3253-7	Washer - Lock	35	20	2	3290-378	Tie - Cable	64	1	29
3253-7	Washer - Lock	23	23	2	3290-379	Tie - Cable	64	2	5
3253-15	Washer - Lock	15	7	6	3290-379	Tie - Cable (Europe)	61	46	4
3253-15	Washer - Lock	20	7	5	3290-482	Washer	1	17	2

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3296-2	Nut - Hex.	5	16	2	340-2	Fitting	29	7	2
3296-6	Nut - Lock	2	63	1	340-2	Fitting	52	19	1
3296-8	Nut - Lock	61	19	4	340-2	Fitting	10	31	5
3296-8	Nut - Lock	11	68	2	340-3	Fitting	52	34	1
3296-12	Nut - Lock	20	33	4	340-3	Fitting	11	57	2
3296-13	Nut - Hex.	9	10	1	340-4	Fitting	52	24	1
3296-19	Nut - Lock	2	37	1	340-7	Fitting	27	5	2
3296-23	Nut - Lock	26	5	7	340-7	Fitting	10	44	6
3296-23	Nut - Lock	27	13	6	340-7	Fitting - Straight	24	3	3
3296-23	Nut - Lock	21	44	4	340-8	Fitting	52	8	1
3296-25	Nut - Lock	2	55	1	340-8	Fitting - Hydraulic Straight	61	2	10
3296-25	Nut - Lock (Europe)	33	51	2	340-9	Fitting	52	22	1
3296-27	Nut - Hex.	17	29	8	340-10	Adapter	9	33	1
3296-29	Nut - Lock	20	13	4	340-15	Fitting 90°	52	30	1
3296-29	Nut - Lock	17	14	9	340-17	Fitting	10	48	2
3296-29	Nut - Lock	18	29	8	340-17	Fitting	27	49	1
3296-29	Nut - Lock	2	67	1	340-18	Fitting	4	8	4
3296-39	Nut - Lock	22	1	12	340-22	Fitting - Tee	27	3	2
3296-39	Nut - Lock	18	22	2	340-23	Fitting - Hydraulic Cross	57	20	1
3296-39	Nut - Lock	29	33	4	340-62	Kit - Flange	52	11	1
3296-39	Nut - Lock	26	37	2	340-64	O-Ring	9	31	1
3296-39	Nut - Lock	21	39	2	340-64	O-Ring	10	37	1
3296-39	Nut - Lock	27	55	3	340-65	O-Ring	9	27	1
3296-42	Nut - Lock	7	4	2	340-65	O-Ring	57	43	2
3296-42	Nut - Lock	8	22	4	340-68	Fitting - Hydraulic Tee	59	24	3
3296-42	Nut - Lock	4	30	4	340-68	Fitting - Hydraulic Tee	57	26	2
3296-42	Nut - Lock	7	43	2	340-69	Fitting - Hydraulic Bulkhead	57	13	2
3296-42	Nut - Lock	9	46	1	340-70	Nut - Bulkhead	57	31	4
3296-49	Nut - Lock	32	32	1	340-70	Nut - Bulkhead	59	38	8
3296-56	Nut - Lock	17	16	1	340-71	Fitting - Hydraulic Straight	59	26	4
3296-56	Nut - Lock	20	41	7	340-72	Fitting - Hydraulic 90°	61	17	4
32103-3	Nut - Wing	66	4	1	340-74	Nut - Bulkhead	61	45	7
32105-12	Screw - HH	5	14	2	340-76	Fitting - Adapter	61	28	3
32107-11	Nut - Square	19	5	2	340-77	Elbow - 90°	11	69	1
32121-11	Pin - Roll	2	60	2	340-77	Fitting	27	37	3
32121-44	Pin - Roll	34	16	1	340-77	Fitting - Hydraulic 90°	59	2	4
32121-118	Pin - Roll	10	26	2	340-78	Nut - Bulkhead	57	53	1
32122-24	Screw - Truss Hd.	20	6	5	340-80	Adapter	9	26	1
32122-54	Screw - Mach. Slot. Hd.	66	1	1	340-80	Fitting	10	38	1
32128-20	Nut - Flange	2	64	4	340-86	Fitting - Hydraulic Tee	11	52	2
32128-20	Nut - Hex.	15	27	10	340-87	Fitting - Hydraulic 45°	59	28	1
32128-21	Nut - Hex.	35	31	8	340-89	Fitting - Hydraulic 45°	59	12	1
32128-33	Nut - Lock, Flange Hd.	20	28	3	340-89	Fitting 45°	52	36	1
32136-2	Nut - Castle	32	30	2	340-90	Fitting	29	43	2
32136-13	Nut - Castle	32	31	2	340-92	Fitting	10	10	1
32144-1	Screw - Hex. Hd.	20	47	4	340-93	Fitting - Tee	27	14	1
32144-19	Screw - HH	5	13	4	340-97	Fitting - Hydraulic	32	39	2
32144-73	Screw - HH	8	26	2	340-117	Cap - Hydraulic	7	34	1
32144-107	Screw - HH	15	14	6	353-947	Cap - Dust	52	1	1
32148-9	Insert - Threaded	18	40	1	353-947	Cap - Dust	7	8	5
32148-9	Nut - Insert	20	25	2	353-947	Cap - Dust	11	63	1
32151-10	Ring - Retaining	32	3	2	353-948	Plug	30	3	2
32151-13	Ring - Retaining	30	9	1	353-949	O-Ring	29	18	2
32151-29	Ring - Retaining	30	13	2	353-961	Bayonet Flange	15	13	1
32151-72	Ring - Retaining	7	54	2	353-963	Gasket	15	15	2

*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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