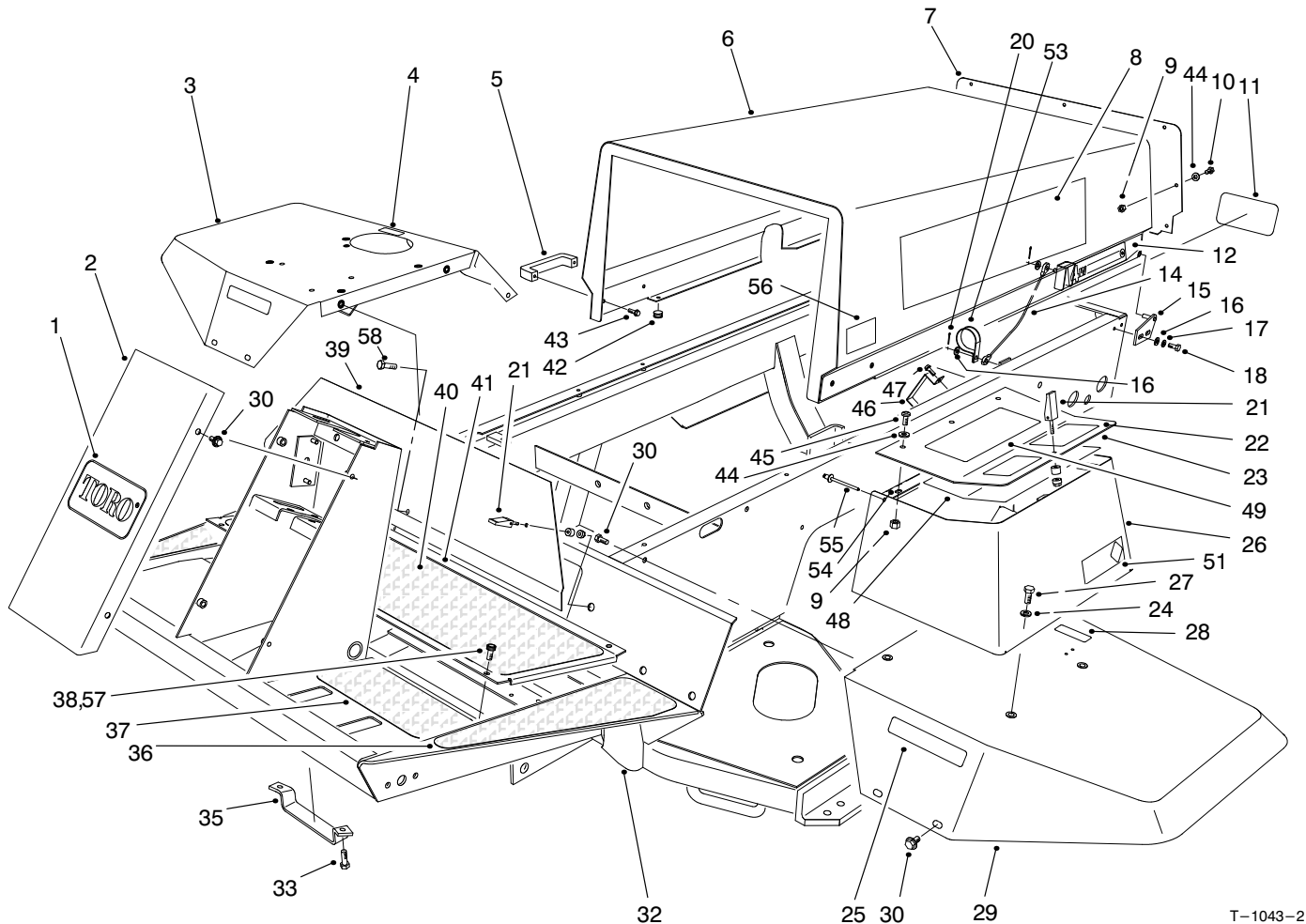


TORO®

MODEL NO. 03502-70001 & UP
MODEL NO. 03502TE-70001 & UP

PARTS CATALOG

REELMASTER® 5100D 2WD TRACTION UNIT



T-1043-2

FRAME & BODY ASSEMBLY

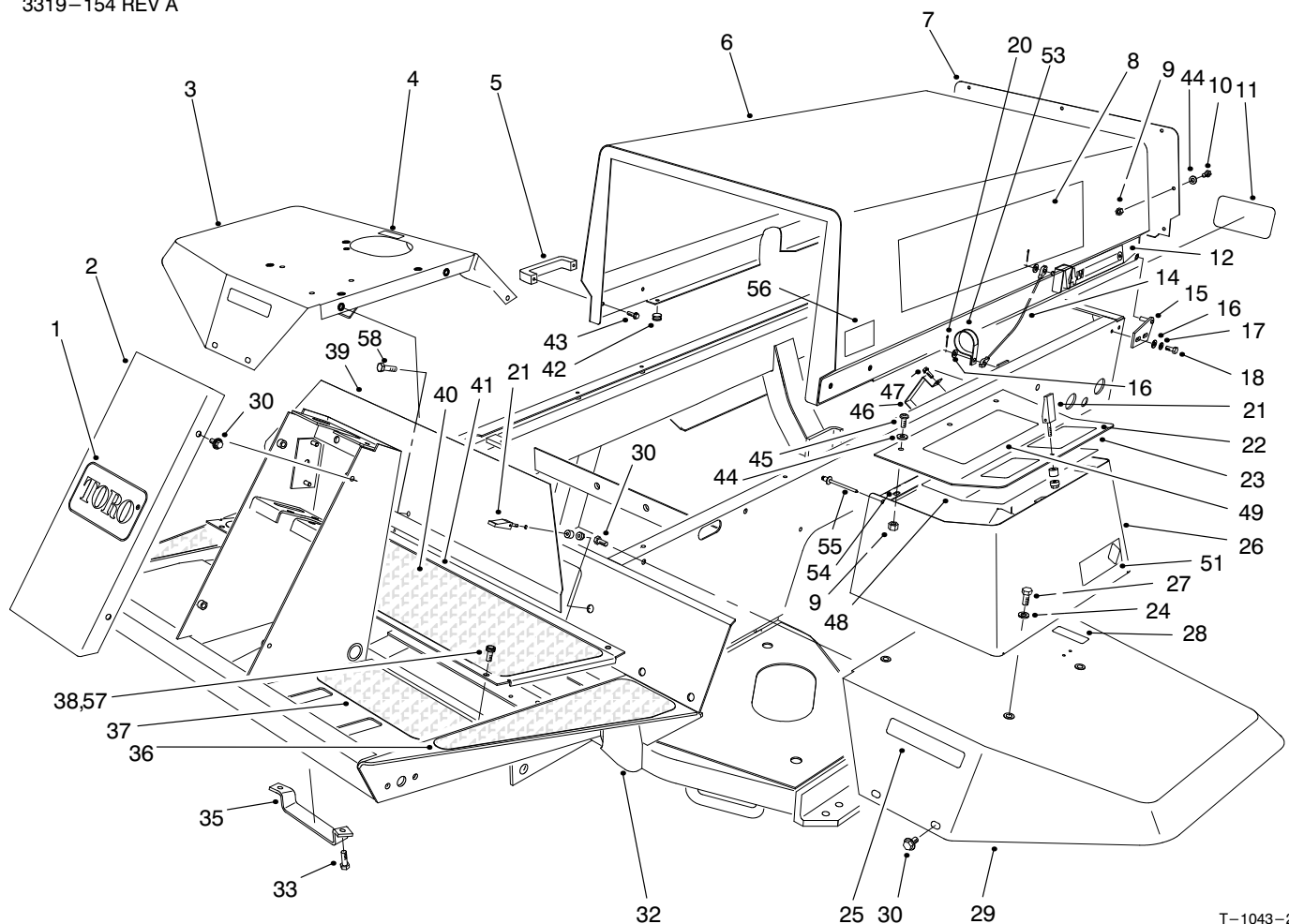
Ref. No.	Part No.	Description	No. Used
1	62-5550	Decal - TORO	1
2	75-1420	Cover - Steering Tower	1
3	93-7579	Fender - R.H.	1
4	85-4730	Decal - Hyd. Oil (US)	1
*	93-6686	Decal - Hyd. Oil (Europe)	1
*	88-1980	Decal - Hyd. Oil (Japan)	1
5	65-5100	Handle	2
6	14-0959	Hood	1
7	75-2820	Grill - Hood	1
8	85-4410	Decal - Reelmaster® 5100D	2
9	3296-42	Nut - Lock	7
10	321-39	Screw - Cap Hex. Hd.	7
11	62-7400	Decal - TORO	1
12	75-0670	Decal - Hood Trim L.H.	1
*	75-0680	Decal - Hood Trim R.H.	1
14	75-0570	Cable - Hood	1
15	63-6900	Hinge - Hood L.H.	1
*	63-6890	Hinge - Hood R.H.	1

Ref. No.	Part No.	Description	No. Used
16	3256-23	Washer - Flat	6
17	3253-4	Washer - Lock	4
18	322-5	Screw - Cap Hex. Hd.	4
20	3272-4	Pin - Cotter	2
21	74-5950	Swell Latch Assembly	3
22	75-1280	Decal - Warning (US)	1
*	93-6698	Decal - Warning (Europe)	1
*	84-3340	Decal - Warning (Japan)	1
23	75-6260	Cover - Tool Box	1
24	3256-3	Washer - Flat	4
25	75-5190	Decal - No Riders (US)	2
*	93-6689	Decal - No Riders (Europe)	2
*	84-3420	Decal - No Riders (Japan)	2
26	75-5810	Box - Tool	1
27	322-3	Screw - Cap Hex. Hd.	4
28	52-1320	Decal - Fuel (US)	1
*	93-6680	Decal - Fuel (Europe)	1
*	84-2860	Decal - Fuel (Japan)	1

*Not Illustrated

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TPS



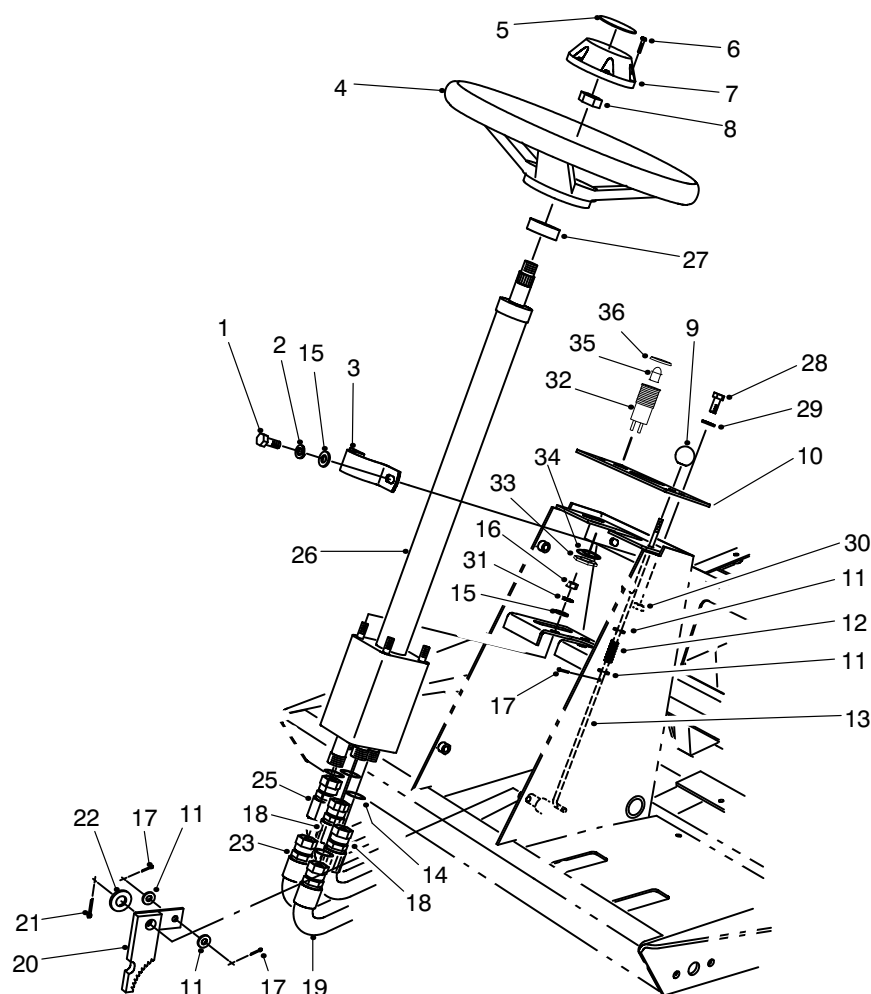
T-1043-2

FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
29	75-3860	Fender - L.H.	1
30	3234-14	Screw - Hex. Washer Hd.	14
32	94-5811	Frame Assembly	1
33	322-4	Screw - Cap Hex. Hd.	2
35	93-3626	Bracket - Hose	1
36	75-0650	Tread - Footrest L.H.	1
*	75-0640	Tread - Footrest R.H.	1
37	75-0620	Tread - Foot L.H.	1
*	75-0610	Tread - Foot R.H.	1
38	75-6840	Knob - Knurled (US)	4
*	75-6840	Knob - Knurled (Europe)	3
39	75-1390	Panel - Access	1
40	75-0630	Tread - Foot Center	1
41	75-1410	Panel - Floor	1
42	237-141	Bumper	2
43	46-8091	Screw - Cap Hex. Hd.	4
44	3256-1	Washer - Flat	10
45	3258-166	Screw - Phillip Hd.	3
46	75-6280	Bracket - Hose	1
47	49-2040	Screw - Hex. Washer Hd.	2
48	93-3601	Decal - Instructions (US)	1
*	93-7154	Decal - Instructions (Finnish)	1
*	93-8091	Decal - Instructions (Danish)	1
*	93-8092	Decal - Instructions (Dutch)	1

Ref. No.	Part No.	Description	No. Used
48	93-8093	Decal - Instructions (Italian)	1
*	93-8094	Decal - Instructions (Spanish)	1
*	93-8095	Decal - Instructions (German)	1
*	93-8096	Decal - Instructions (French)	1
*	93-8097	Decal - Instructions (Swedish)	1
*	93-8098	Decal - Instructions (Portuguese)	1
*	93-8099	Decal - Instructions (Norwegian)	1
*	92-1116	Decal - Instructions (Japanese)	1
49	93-3639	Decal - Warning (US)	1
*	93-8051	Decal - Warning (Europe)	1
*	84-3660	Decal - Warning (Japan)	1
51	93-0096	Decal - A.C.E.	2
52	32128-33	Nut - Flange Head	3
53	2412-107	R-Clamp	1
54	75-5780	Hinge - Cover	1
55	93-8744	Rivet	3
56	93-7252	Decal - C.E. (Europe)	1
57	3234-7	Screw - HH (Europe)	1
58	3234-5	Screw - Cap Hex. Hd.	1

*Not Illustrated



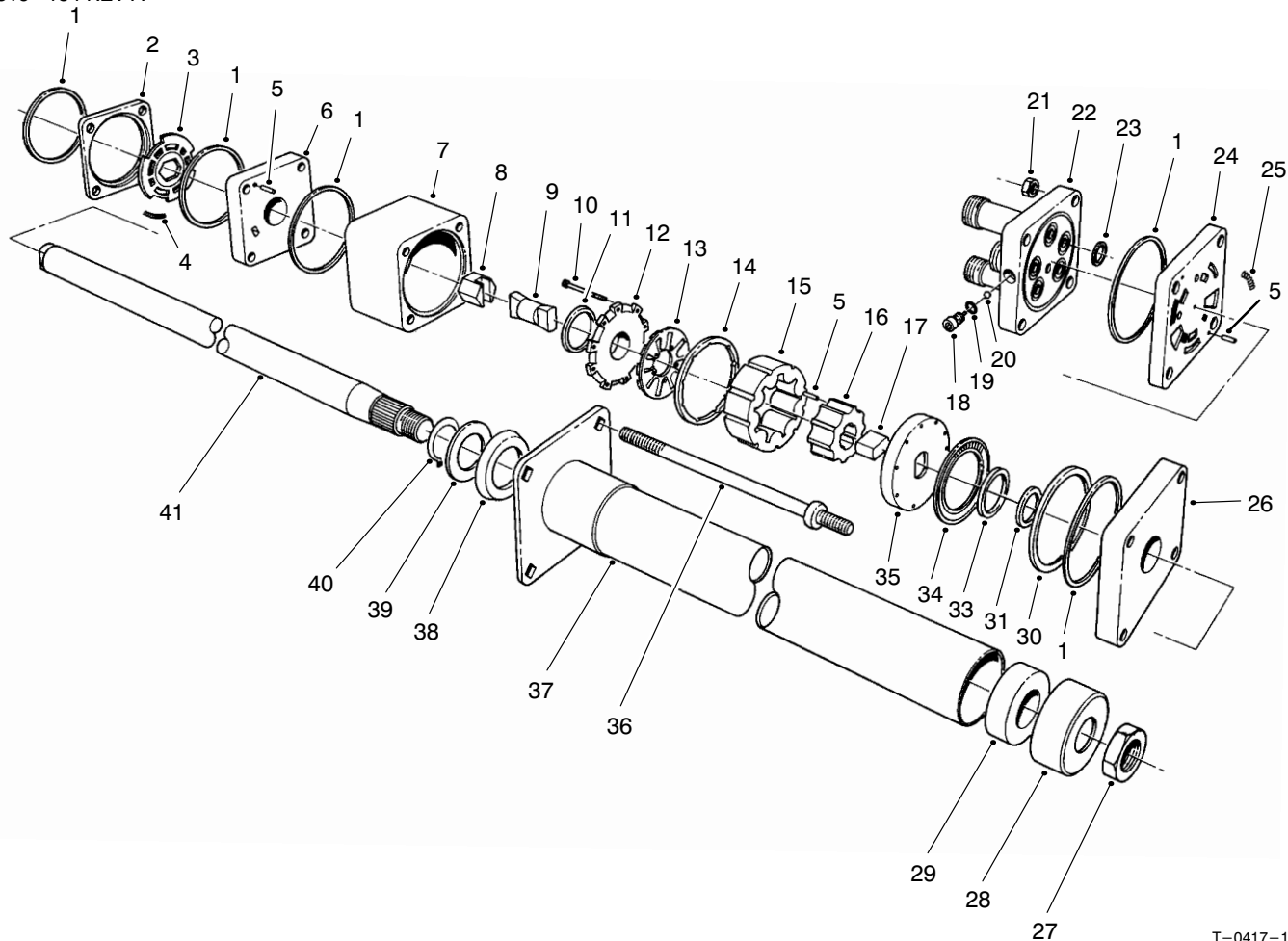
T-1044-2

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32144-26	Screw – Self-Tapping	2
2	3253-4	Washer – Lock	2
3	75-2810	Clamp – Steering Valve	1
4	75-0560	Steering Wheel Assembly (Incl. Ref. #6-8)	1
5	68-5370	Decal – TORO	1
6	32144-21	Screw	1
7	68-5140	Cap – Steering Wheel	1
8	3220-6	Nut – Steering Wheel	1
9	233-17	Knob – Parking Brake	1
10	93-3139	Panel – Tower (US)	1
*	93-6682	Panel – Tower (Europe)	1
11	3256-22	Washer – Flat	4
12	95-1821	Spring – Compression	1
13	75-1490	Rod – Parking Brake	1
14	237-22	Seal – O-Ring	5
15	3255-8	Washer – Lock ETLW	1
16	3296-20	Nut – Lock	4
17	3272-5	Pin – Cotter	3
18	75-6230	Hose – Hydraulic RT	2
19	75-6240	Hose – Hydraulic IN	1

Ref. No.	Part No.	Description	No. Used
20	63-7900	Rack – Parking Brake	1
21	3272-10	Pin – Cotter	1
22	3256-26	Washer – Flat	1
23	75-5940	Hose – Hydraulic AUX	1
25	75-6250	Hose – Hydraulic OUT	1
26	75-0600	Steering Valve Assembly (Incl. Ref. #14)	1
27	21-9260	Seal – Shaft	1
28	3258-166	Screw – Phillip Hd.	2
29	3256-1	Washer – Flat	2
30	3296-42	Nut – Lock	2
31	3256-23	Washer – Flat	6
32	44-2210	Warning Light Assembly (Incl. Ref. #33-36)	
33	218-535	Nut – Lock	1
34	218-536	Washer – Lock	1
35	93-7480	Bulb – LED	1
36	218-533	Lens – Red	1
*	3290-378	Tie – Cable	3
*	3290-410	Tie – Cable Push On	4

*Not Illustrated



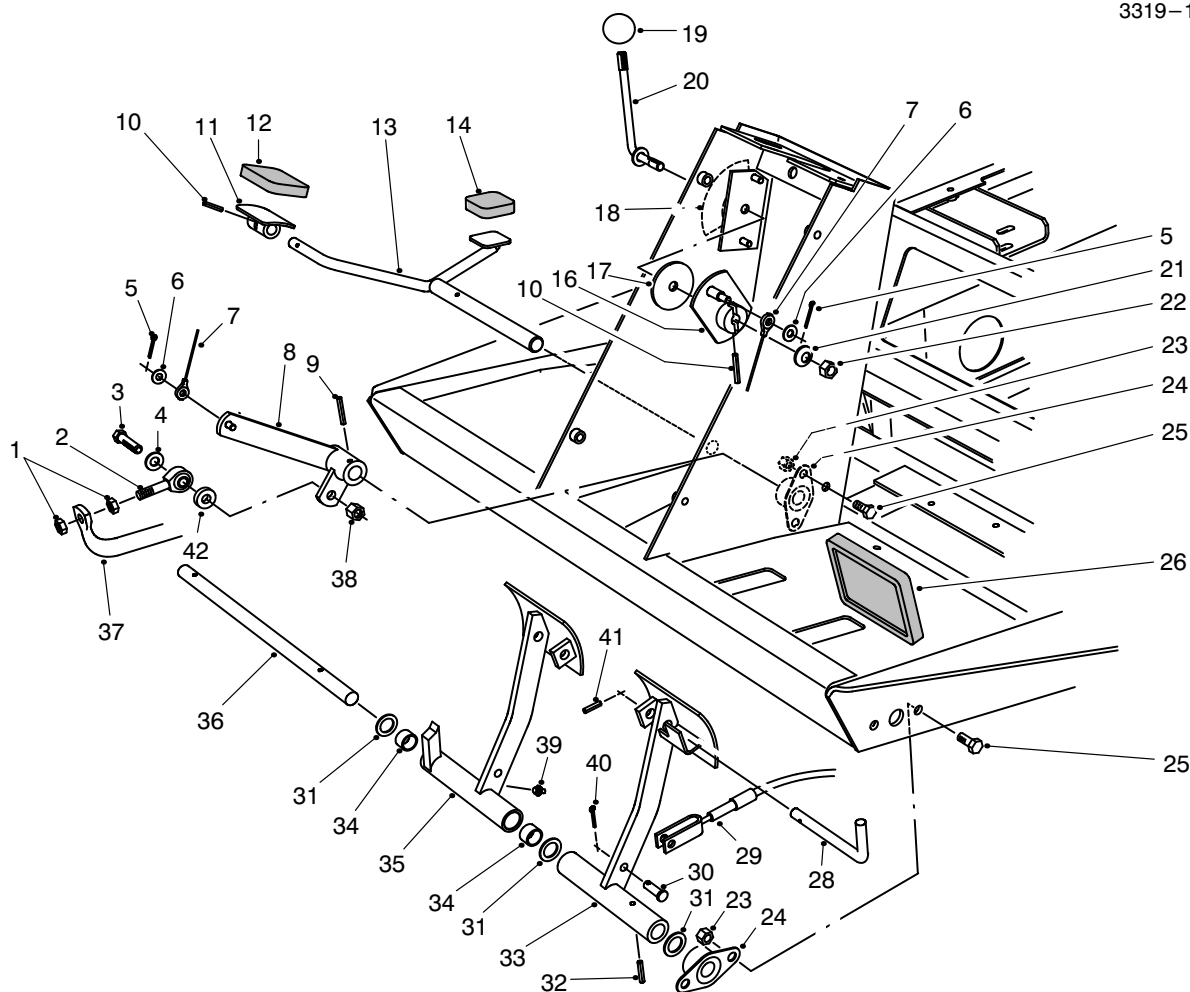
T-0417-1

STEERING VALVE ASSEMBLY NO. 75-0600

Ref. No.	Part No.	Description	No. Used
1		Ring – Seal	5
2		Ring – Valve	1
3		Plate – Valve	1
4		Spring	3
5		Pin – Alignment	9
6		Manifold – Isolation	1
7		Ring – Metering	1
8		Hex Drive Assembly	1
9		Link – Drive	1
10		Screw – Hex Socket Hd.	11
11		Seal – Commutator	1
12		Cover – Commutator	1
13		Commutator	1
14		Ring – Commutator	1
15		Stator	1
16		Rotor	1
17		Spacer – Drive Link	1
18		Plug	1
19		O–Ring	1
20		Ball	1
21		Nut – Hex	4
22		Cover – Port	1
23		O–Ring	5
24		Manifold – Port	1
25		Spring	3
26		Plate – Cover Upper	1

Ref. No.	Part No.	Description	No. Used
27	3220-6	Nut	1
28	66-9770	Seal	1
29	66-9780	Bushing	1
30		Spacer – Thrust Bearing	1
31		Spacer – Seal	1
33		Seal – Face	1
34		Bearing – Thrust	1
35		Plate – Drive	1
36	93-3609	Bolt – Special	4
37	66-9860	Upper Cover & Jacket	1
38	66-9870	Plate – Retaining	1
39	66-9880	Washer – Retaining Plate	1
40	66-9890	Ring – Retaining	1
41	66-9900	Shaft – Input	1
*	66-9970	Spring Kit (Incl. Ref. #4 & 25)	1
*	66-9980	Seal Kit (Incl. Ref. #1, 11, 19, 23 & 33)	1
*	66-9990	Needle Roller Kit (Incl. Ref. #5)	1
*	75-0600	Steering Valve Assembly (Incl. Ref. #1-41)	1
*		Power Steering Valve Assy. (Incl. Ref. #1-26 & 30-36)	1

*Not Illustrated



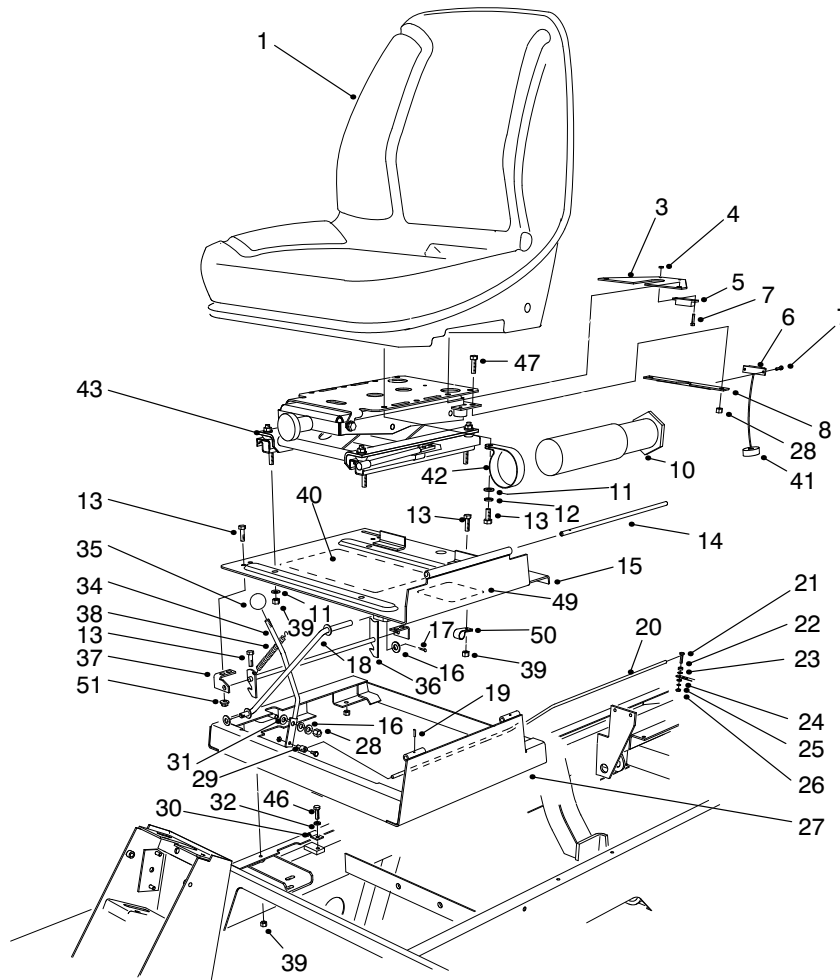
T-1045-1

TRACTION & BRAKE PEDALS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3220-3	Nut – Jam	2
2	2411-36	Bearing – Rod End	1
3	323-9	Screw – Cap Hex. Hd.	1
4	3256-24	Washer – Flat	1
5	3272-2	Pin – Cotter	2
6	3256-22	Washer – Flat	2
7	75-6580	Cable – Pedal	1
8	75-3270	Lever – Traction Pivot	1
9	32121-6	Pin – Roll	1
10	32121-45	Pin – Roll	2
11	49-6440	Plate – Traction Pedal	1
12	74-9100	Pad – Forward	1
13	75-2970	Pedal – Traction	1
14	74-9110	Pad – Reverse	1
16	75-6510	Lever – Bracket	1
17	75-6550	Disc – Friction	1
18	75-6710	Decal – Fast/Slow (US)	1
*	93-6699	Decal – Fast/Slow (Europe)	1
*	84-3500	Decal – Fast/Slow (Japan)	1
19	233-42	Knob	1
20	75-6490	Lever – Pedal Stop	1
21	3290-461	Washer – Belleville	1

Ref. No.	Part No.	Description	No. Used
22	3296-59	Nut – Lock	1
23	3296-29	Nut – Lock	8
24	256-236	Bearing – Flange	4
25	322-3	Screw – Cap Hex. Hd.	8
26	93-8742	Pad – Brake	2
28	63-7880	Pin – Brake Latch	1
29	63-7733	Cable – Brake L.H.	1
*	63-7732	Cable – Brake R.H.	1
30	283-58	Pin – Clevis	4
31	3256-69	Washer – Thrust	3
32	32121-16	Pin – Roll	1
33	75-1440	Pedal – Brake L.H.	1
34	256-42	Bushing – Sleeve	2
35	75-1430	Brake Pedal Assembly R.H. (Incl. Ref. #34 & 39)	1
36	75-1470	Shaft – Brake Pedal	1
37	75-2170	Tube – Pump Control	1
38	3296-39	Nut – Lock	1
39	302-5	Fitting – Grease	1
40	3272-10	Pin – Cotter	4
41	32121-50	Pin – Roll	1
42	5-0652	Spacer	1

*Not Illustrated



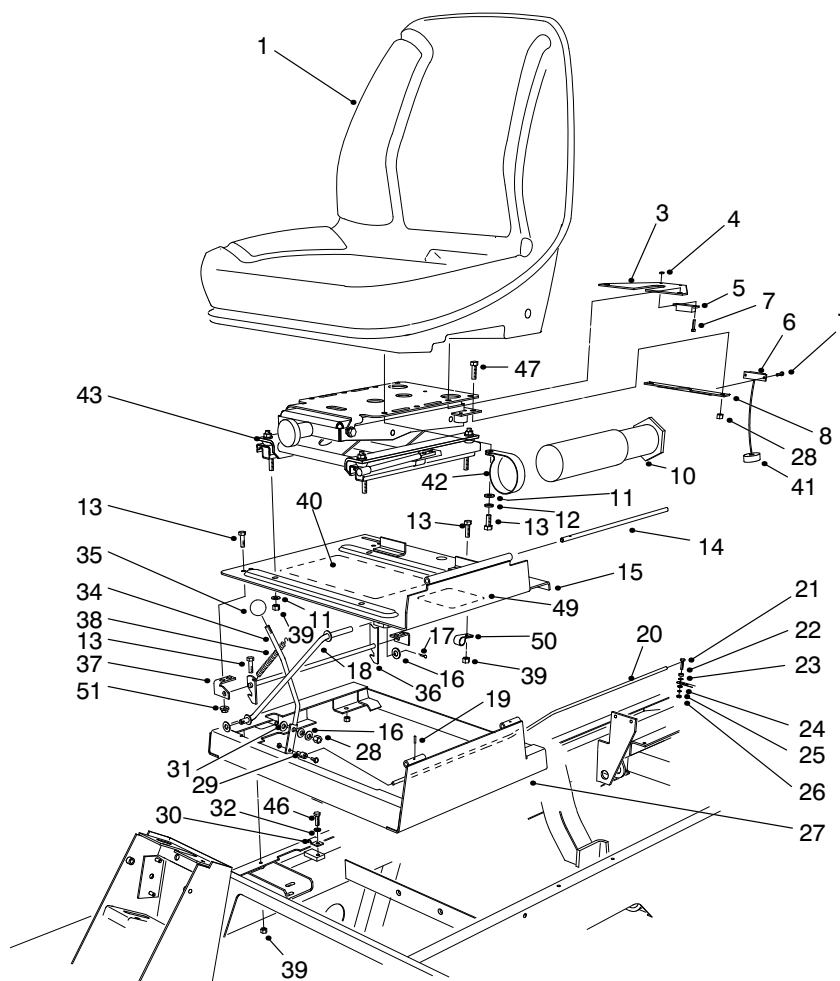
T-1046-1

SEAT & THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-1180	Seat Assembly	1
3	75-4370	Bracket - Switch (Seat)	1
4	3296-54	Nut - Lock	4
5	92-8753	Actuator - Switch	1
6	92-8001	Sensor - Switch	1
7	3250-29	Screw - Cap Hex. Hd.	4
8	75-4360	Bracket - Switch	1
10	74-0720	Tube - Manual	1
11	3256-23	Washer - Flat	8
12	3253-4	Washer - Lock	4
13	322-3	Screw - Cap Hex. Hd.	13
14	75-3400	Shaft - Seat Pivot	1
15	98-2350	Seat Plate Assembly (Incl. Ref. #41)	1
16	3256-24	Washer - Flat	3
17	3272-10	Pin - Cotter	2
18	75-3680	Rod - Seat	1
19	32121-38	Pin - Roll	1
20	75-1350	Cable - Throttle	1
21		Screw - Special	2
22		Sleeve - Connector	2
23		Washer - Spring	2
24		Washer - Flat	2
25		Washer - I.T.L.W.	2
26		Nut - Hex.	2
27	98-2359	Frame - Seat	1
28	3296-39	Nut - Lock	3

Ref. No.	Part No.	Description	No. Used
29	63-6760	Throttle Cable Swivel Assy. (Incl. Ref. #21-26)	2
30	3-6657	Clamp - Cable	1
31	66-2920	Washer - Friction	2
32	3253-3	Washer - Lock	1
34	75-3430	Rod - Throttle	1
35	233-42	Knob - Throttle	1
36	98-2354	Latch - Seat	1
37	98-2353	Bracket - Seat Latch	2
38	66-4160	Spring	1
39	3296-29	Nut - Lock	10
40	85-4610	Decal - Instruction (US)	1
*	92-1125	Decal - Instruction (Danish)	1
*	92-1126	Decal - Instruction (Dutch)	1
*	92-1127	Decal - Instruction (Italian)	1
*	92-1128	Decal - Instruction (Spanish)	1
*	92-1129	Decal - Instruction (German)	1
*	92-1130	Decal - Instruction (French)	1
*	92-1131	Decal - Instruction (Swedish)	1

*Not Illustrated

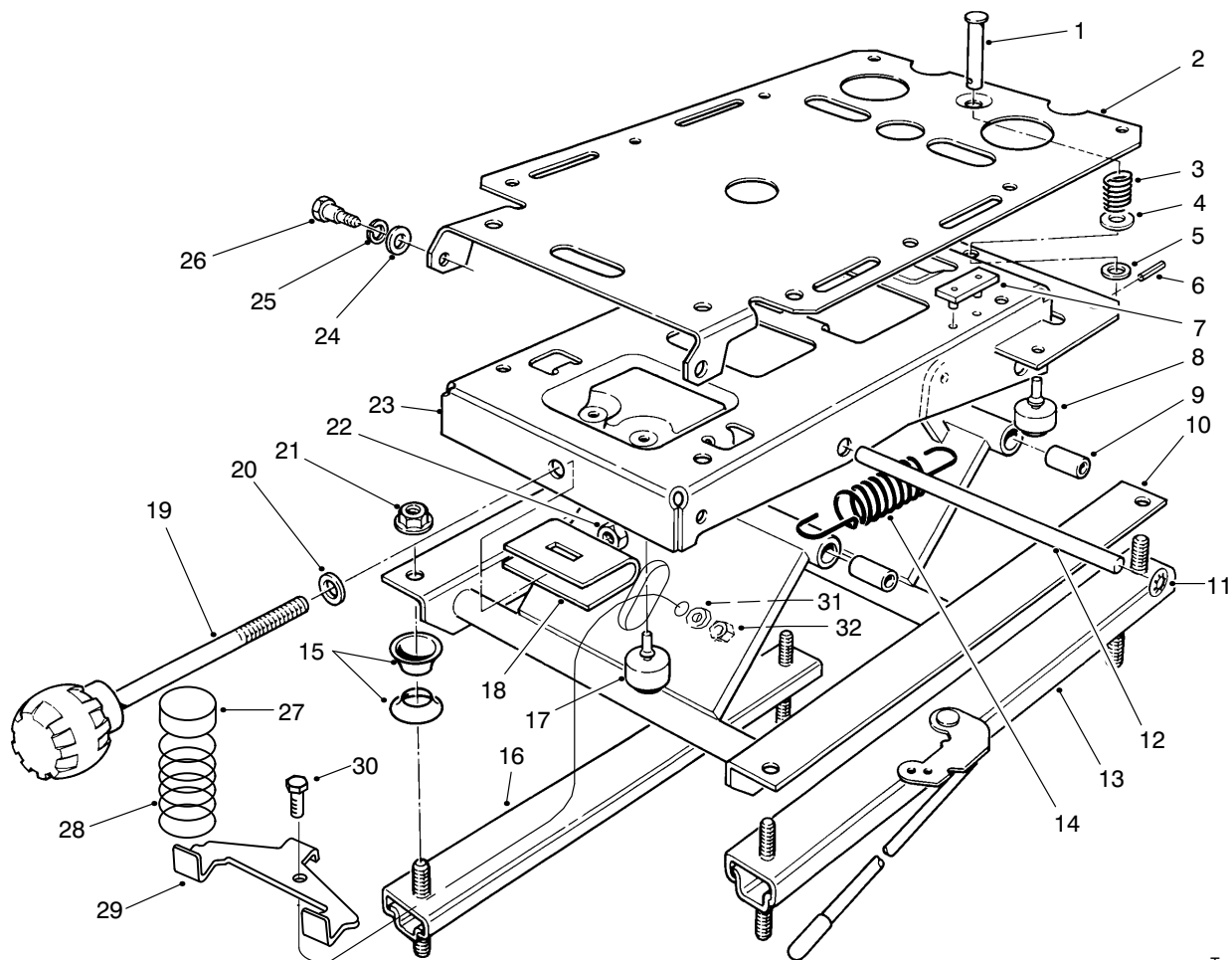


T-1046-1

SEAT & THROTTLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
*40	93-8057	Decal - Instruction (Portuguese)	1	42	2412-133	Clamp - R	2
*	93-8058	Decal - Instruction (Norwegian)	1	43		Seat Suspension Assembly	1
*	93-8059	Decal - Instruction (Finnish)	1	46	321-4	Screw - Cap Hex. Hd.	1
*	92-1124	Decal - Instruction (Japan)	1	47	323-4	Screw - Cap Hex. Hd.	2
41	93-0140	Grommet	1	49	85-4530	Decal - Danger (US)	1
				49	93-8060	Decal - Danger (Europe)	1
				49	92-1108	Decal - Danger (Japan)	1
				50	2412-93	Clamp - R	1
				51	32128-25	Nut - Flange Head	4

*Not Illustrated

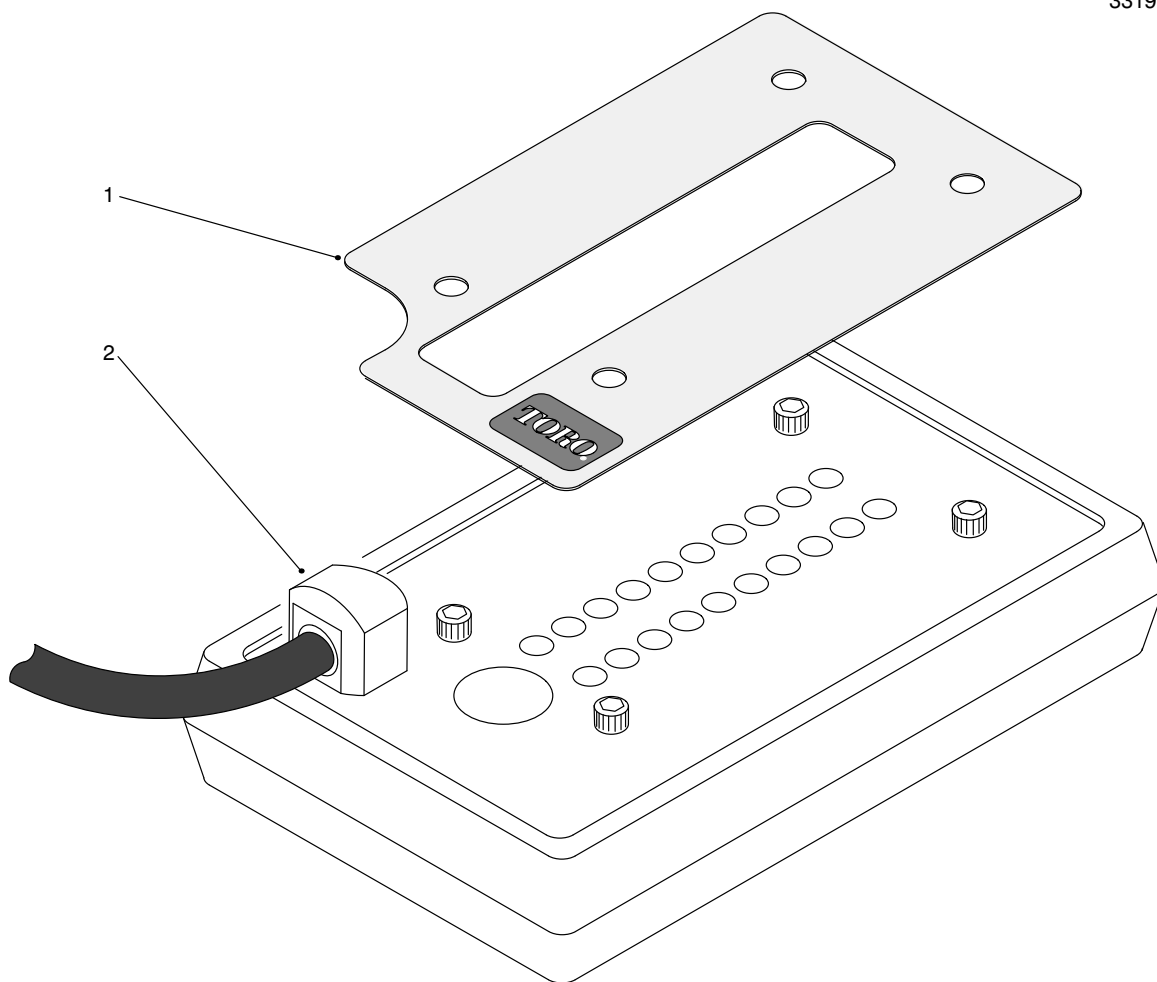


T-1031-1

SEAT SUSPENSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	80-4860	Pin - Clevis	1
2	75-3580	Plate - Seat Mounting	1
3	75-3530	Spring - Compression	1
4	3256-5	Washer - Flat	1
5	3256-24	Washer	1
6	75-3540	Pin - Roll	1
7	75-3550	Bumper - Seat	2
8	76-2940	Bumper - Rubber	2
9	76-1920	Bushing - Sleeve	4
10	66-8610	Weldment - Lower	1
11	66-8560	Nut - Push	4
12	76-1910	Shaft - Pivot	2
13	82-9060	Adjuster W/Handle	1
14	76-1940	Spring - Extension	2
15	66-9290	Spacer	6
16	66-8530	Adjuster	1

Ref. No.	Part No.	Description	No. Used
17	66-8520	Bumper - Down-stop	2
18	77-2870	Weldment - Hanger	1
19	76-1930	Knob - Tension Adjustment	1
20	3256-46	Washer - Flat	1
21	32128-26	Nut - Flange	4
22	3296-44	Nut - Lock	1
23	75-3480	Weldment - Upper	1
24	3256-26	Washer - Flat	2
25	3253-6	Washer - Lock	2
26	75-3510	Bolt - Shoulder	2
27	93-3164	Cap	2
28	93-3163	Spring	1
29	93-3165	Bracket	1
30	322-6	Screw - Cap Hex. Hd.	1
31	3253-33	Washer - Lock	1
32	3217-6	Nut - Jam	1



T-1458-1

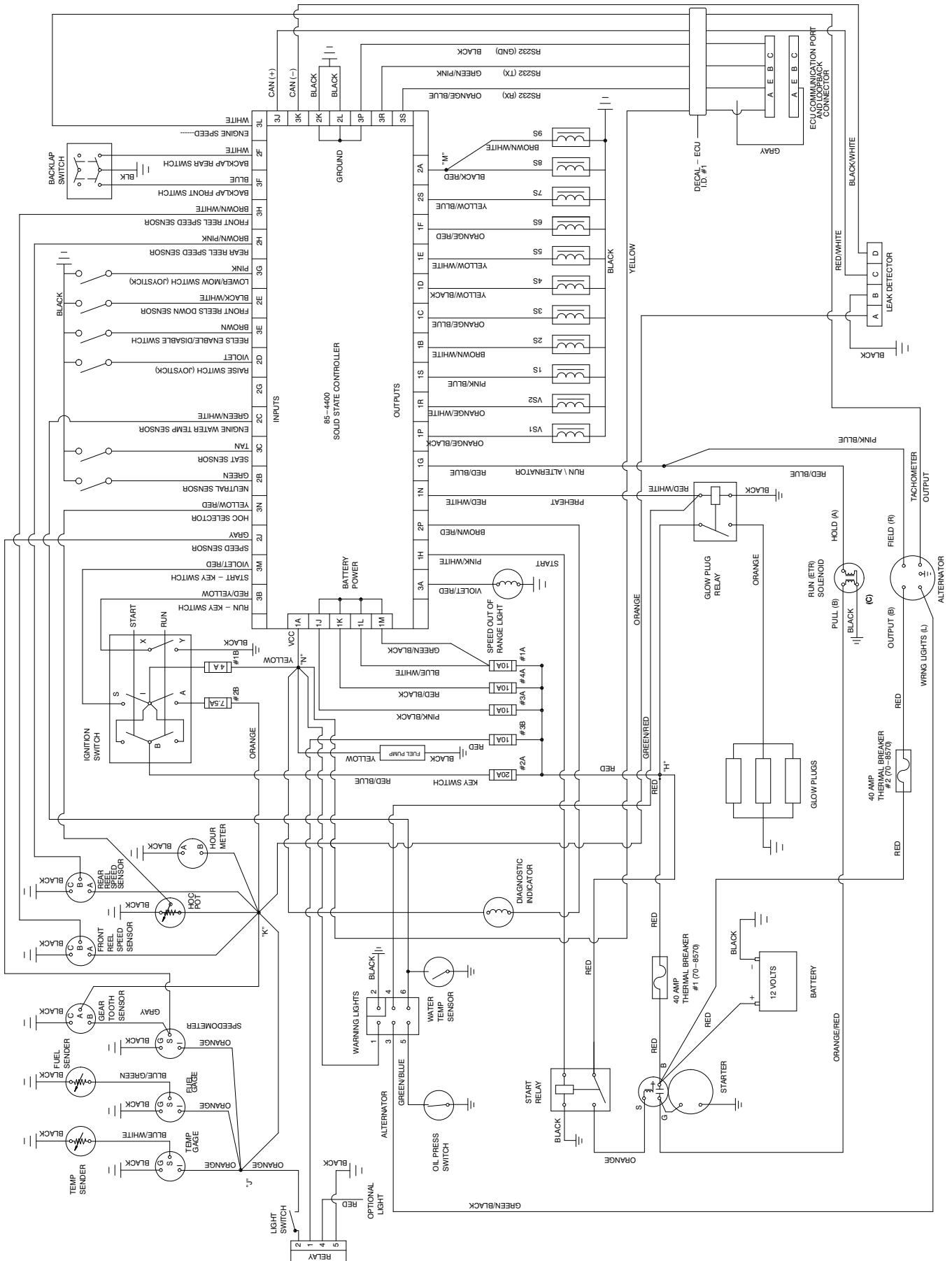
DIAGNOSTIC-ACE DISPLAY ASSEMBLY

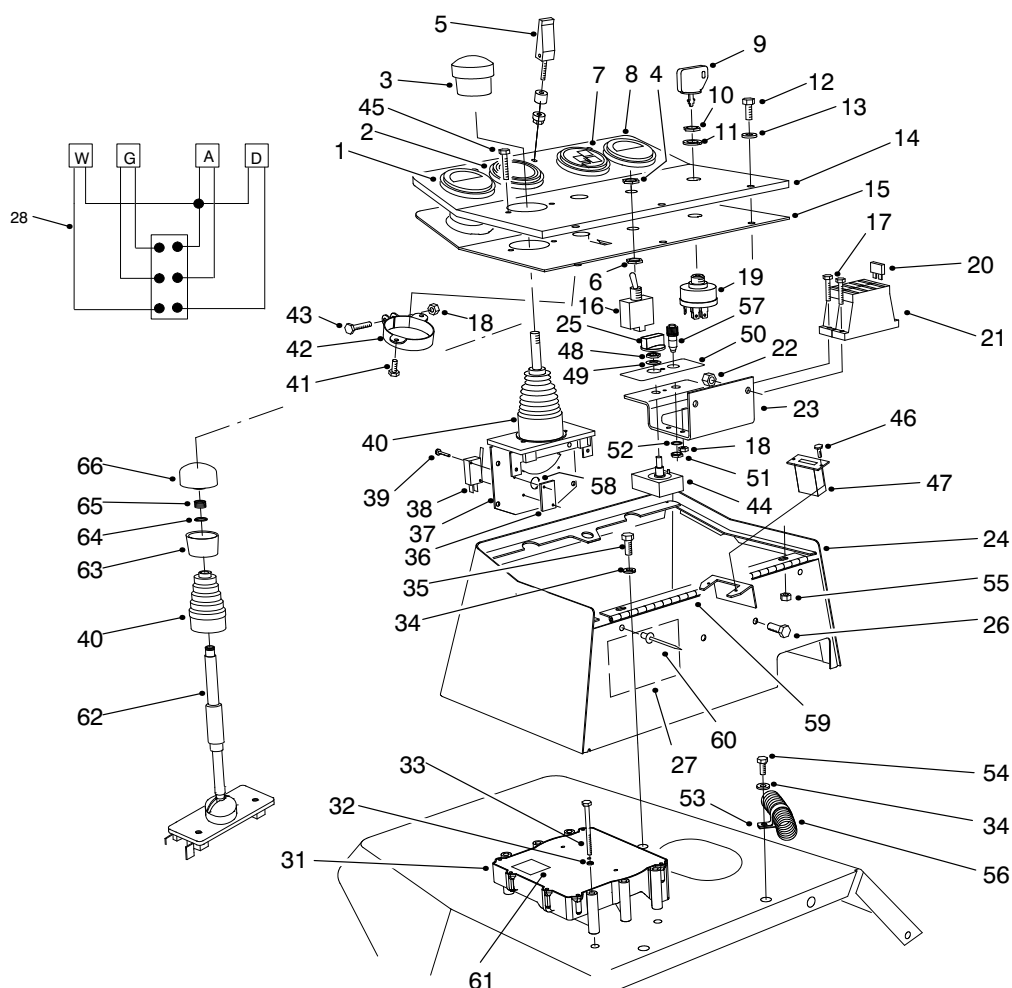
Ref. No.	Part No.	Description	No. Used
1	85-4760	Decal - ACE (US) RM 5100D/5300DV 1.0	1
*	93-8078	Decal - (Danish)	1
*	93-8079	Decal - (Dutch)	1
*	93-8080	Decal - (Italian)	1
*	93-8081	Decal - (Spanish)	1
*	93-8082	Decal - (German)	1

Ref. No.	Part No.	Description	No. Used
1	93-8083	Decal - (French)	1
*	93-8084	Decal - (Swedish)	1
*	93-8085	Decal - (Portuguese)	1
*	93-8086	Decal - (Norwegian)	1
*	93-8087	Decal - (Finnish)	1
*	93-8089	Decal - (Japanese)	1
2	85-4750	Display - ACE	1

*Not Illustrated

ELECTRICAL SCHEMATIC





T-2437-1

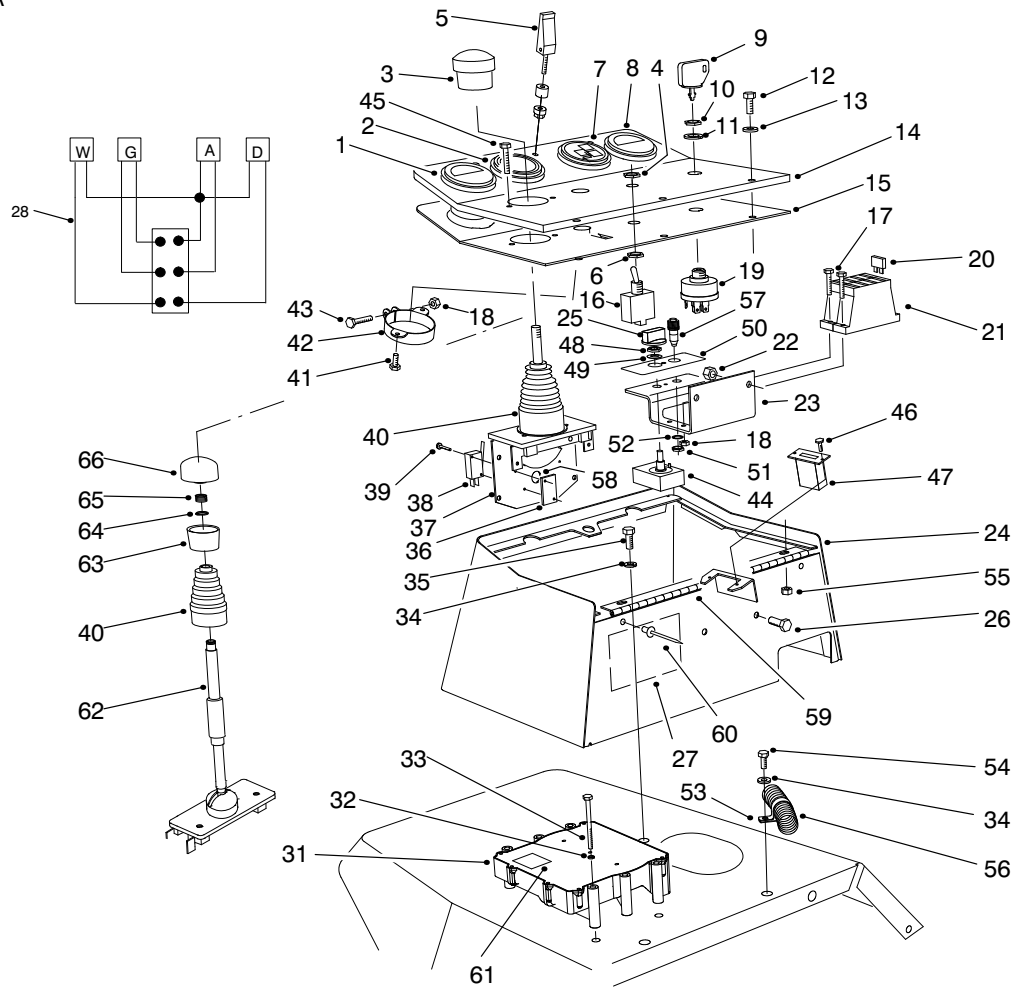
CONTROL CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-8497	Gauge - Fuel	1
2	85-4420	Gauge - Speedometer	1
3	3290-489	Knob - Lift Control	1
4	218-589	Washer - Lock	1
5	74-5950	Latch - Swell	1
6	218-498	Nut - Hex.	2
7	66-2960	Cluster - Warning	1
8	93-8496	Gauge - Temperature	1
9	63-8360	Key - Ignition	1
10	218-446	Nut - Locking	1
11	218-447	Washer - E.T.L.W.	1
12	3258-166	Screw - Phillip Hd.	5
13	3256-1	Washer - Flat	5
14	93-3140	Panel - Control	1
14	93-6683	Panel - Control (Europe)	1
15	75-6270	Cover - Control Box	1
16	75-1010	Switch Assembly (Incl. Ref. #4, 6 & 29)	1
17	32105-13	Screw - Cap Hex. Hd.	4
18	3296-2	Nut - Lock	5
19	27-2360	Ignition Switch Assembly (Incl. Ref. #9-11)	1
†20	94-9157	Fuse - 4A	1
*†	218-547	Fuse - 7.5A	1
*†	218-578	Fuse - 10A	3
*†	218-594	Fuse - 20A	1
†21	67-7160	Block - Fuse	2

*Not Illustrated

†Included in main wire harness assembly.

Ref. No.	Part No.	Description	No. Used
22	3296-42	Nut - Lock	4
23	93-7587	Bracket - Fuse Block	1
24	75-5740	Box - Control	1
25	85-4480	Knob	1
26	321-39	Screw - Cap Hex. Hd.	2
27	94-6766	Decal - Fuses (US)	1
27	94-6767	Decal - Fuses (Europe)	1
27	94-6768	Decal - Fuses (Japan)	1
28	75-4710	Warning Light Harness (Incl. Ref. #51 & 52)	1
*	219-17	Bulb - Light	4
29	3253-19	Washer - Lock	2
31	92-5720	Controller - Electronic Note: This part must be programmed by distributor before installation.	1
32	3253-3	Washer - Lock	3
33	321-15	Screw - Cap Hex. Hd.	3
34	3256-3	Washer - Flat	3
35	322-3	Screw - Cap Hex. Hd.	2
36	3290-354	Plate - Nut	2
37	75-3420	Lift Control Assembly (US) (Incl. Ref. #3, 36 & 38-40)	1
*	94-6753	Lift Control Assy. (Europe) (Incl. Ref. #36, 38-40, 58 & 62-66)	1



T-2437-1

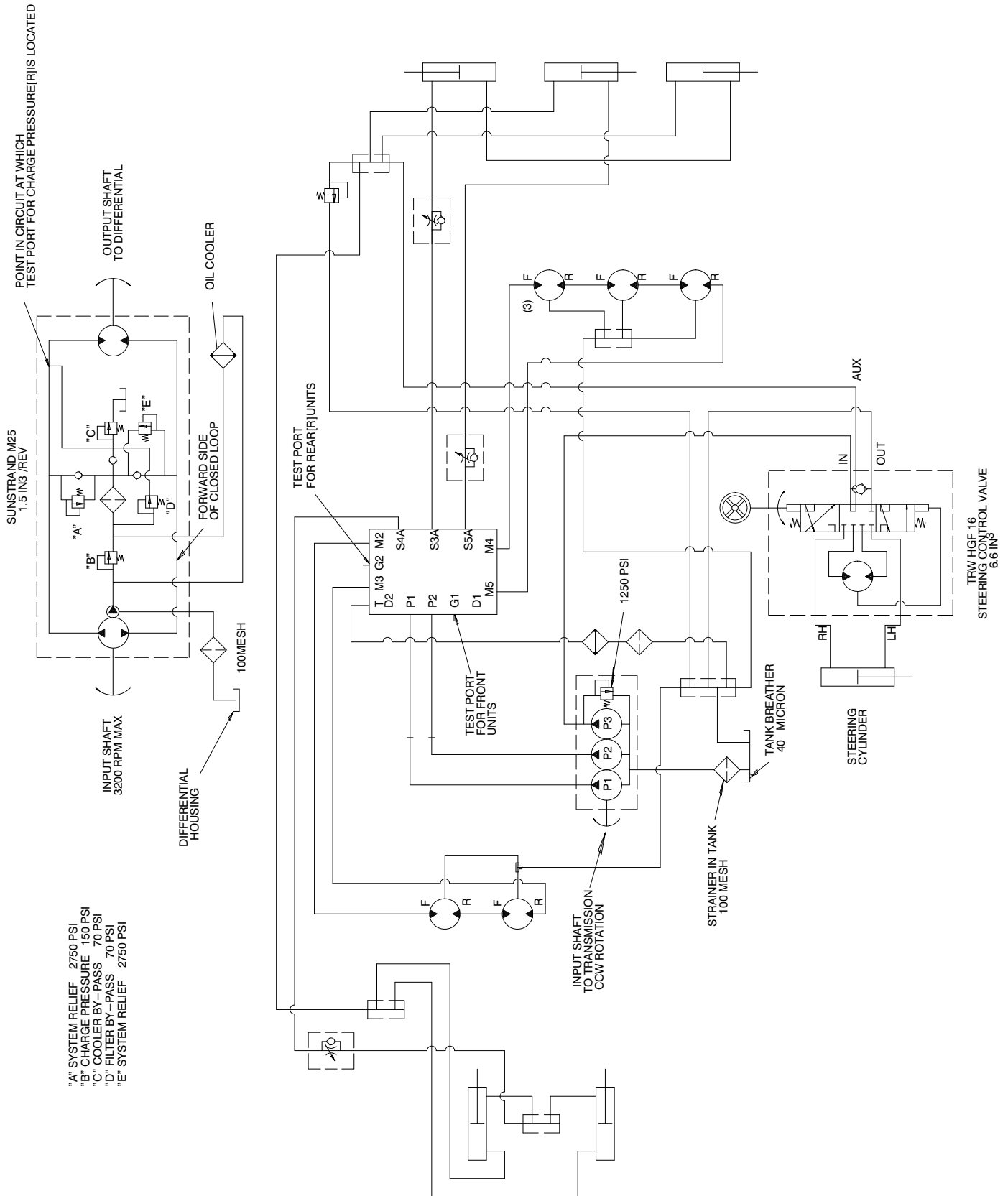
CONTROL CONSOLE ASSEMBLY (Continued)

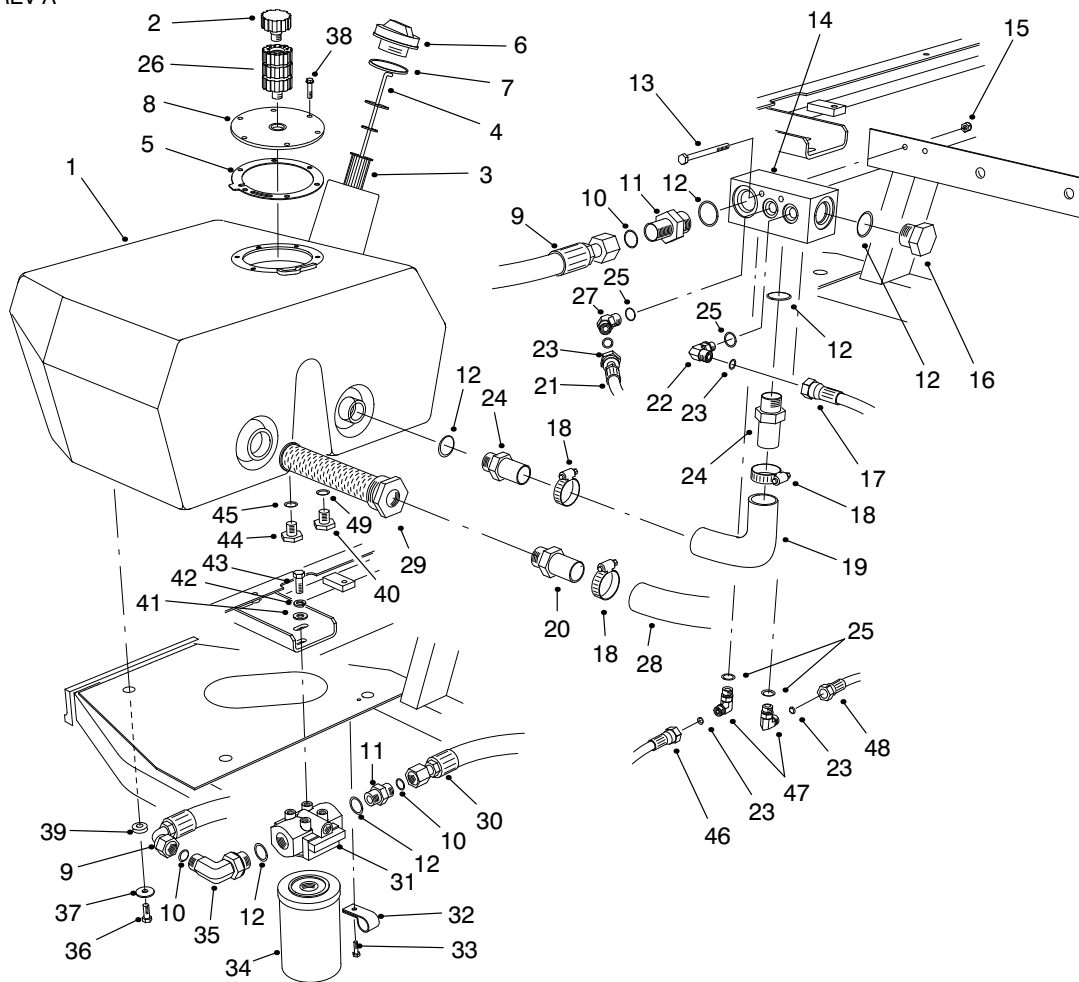
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
38	94-8104	Switch - Micro	2	54	322-5	Screw - Cap Hex. Hd.	1
39	3290-93	Screw - Cap Hex. Hd.	4	55	32128-33	Nut - Lock Flange Hd.	3
40	94-8103	Boot - Lift Control	1	56	94-6763	Main Wire Harness Assy.	1
41	32144-1	Screw - Cap Hex. Hd.	2	†57	85-4491	Lamp - Diagnostic	1
42	69-4780	Clamp - Light Cluster	1	58	93-3625	Spring - Return Joystick	1
43	32105-1	Screw - Cap Hex. Hd.	1	59	75-5780	Hinge - Cover	1
44	85-4470	Potentiometer Assembly (Incl. Ref. #48 & 49) Note: Replacement of this part requires recalibration of electronic controller by distributor after installation.	1	60	93-8744	Rivet	3
45	3273-26	Screw - Hex. Socket Hd.	2	61	85-4440	Decal - ECU Display (US)	1
46	32144-18	Screw - Cap Hex. Hd.	2	*	93-8053	Decal - ECU Display (Europe)	1
47	75-6820	Meter - Hour	1	62	94-8102	Tube - Interlock (Europe)	1
48		Nut - Lock	1	63	94-3055	Cap - Lower Joystick (Europe)	1
49		Washer - Lock	1	64	94-3056	Snap Ring - Joystick (Europe)	1
50	94-4934	Decal - HOC Selector (US)	1	65	94-3057	Spring - Compression (Europe)	1
*	93-1268	Decal - HOC Selector (Europe)	1	66	94-3058	Cap - Upper Joystick (Europe)	1
*	94-4582	Decal - HOC Selector (Japan)	1	67	94-6343	Decal - Wire I.D.	1
51		Nut - Lock	1	*†	70-8570	Breaker - Circuit, 40 Amp	2
52		Washer - Lock	1	*†	86-7560	Connector - Cover (3 Way)	3
53	2142-126	Clamp-R	1	*†	86-7550	Connector - Cover (2 Way)	2
				*†	85-4650	Connector - Loop Back	1
				*	219-19	Bulb - Light	1

*Not Illustrated

†Included in main wire harness assembly.

HYDRAULIC SCHEMATIC



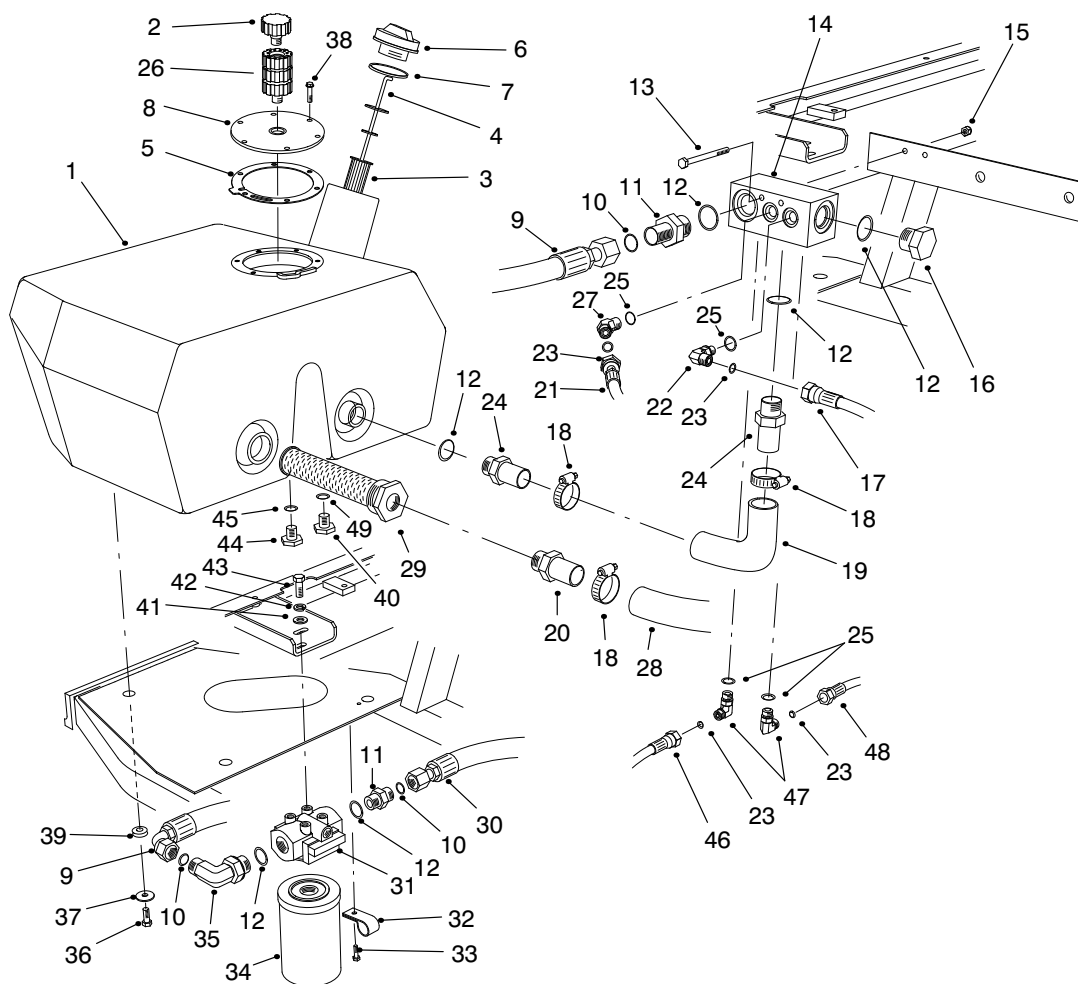


T-1048-1

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-7488	Reservoir - Hydraulic	1
2	68-6150	Breather - Hydraulic Tank	1
3	61-2790	Screen - Filler	1
4	75-3710	Dipstick	1
5	93-7499	Gasket - Flange	1
6	93-7498	Plug - Plastic	1
7	94-8166	O-Ring	1
8	93-7588	Cover - Tank	1
9	75-6130	Hose - Hydraulic	1
10	237-65	Seal - O-Ring	5
11	340-8	Fitting - Hydraulic Straight (Incl. Ref. #10 & 12)	2
12	237-81	Seal - O-Ring	4
13	321-23	Screw - Cap Hex. Hd.	2
14	92-9098	Manifold - Tank	1
15	3296-42	Nut - Lock	2
16	354-74	Fitting - Hydraulic Plug (Incl. Ref. #12)	1
17	75-6250	Hose - Hydraulic	1
18	2412-34	Clamp - Hose	3
19	75-5720	Hose - Hydraulic	1
20	353-682	Fitting - Hydraulic Straight	1
21	93-0119	Hose - Hydraulic	1
22	340-77	Fitting - Hydraulic 90° (Incl. Ref. #23 & 25)	1
23	237-22	Seal - O-Ring	6

Ref. No.	Part No.	Description	No. Used
24	354-73	Fitting - Hydraulic Straight (Incl. Ref. #12)	2
25	237-42	Seal - O-Ring	4
26	92-8020	Adapter - Breather	3
27	340-87	Fitting - Hydraulic 45° (Incl. Ref. #25 & 23)	1
28	75-6870	Hose - Hydraulic Suction	1
29	75-0550	Strainer - Suction	1
30	75-6140	Hose - Hydraulic	1
31	75-1300	Hydraulic Filter Head Assy.	1
32	2412-93	Clamp - R	2
33	32144-10	Screw - Hex. Washer Hd.	2
34	75-1310	Element - Hydraulic Filter	1
35	340-139	Fitting - Hydraulic 90° (Incl. Ref. #10 & 12)	1
36	33105-025	Screw - Cap Hex. Hd.	3
37	63-8410	Washer - Flat	3
38	33104-020	Screw - Hex. Hd. Flange	6
39	240-11	Grommet	3
40	353-508	Plug Assembly (Incl. Ref. #49)	1
41	3256-24	Washer - Flat	2
42	3253-21	Washer - Lock	2
43	323-4	Screw - Cap Hex. Hd.	2
44	353-550	Fitting - Plug (Incl. Ref. #45)	1

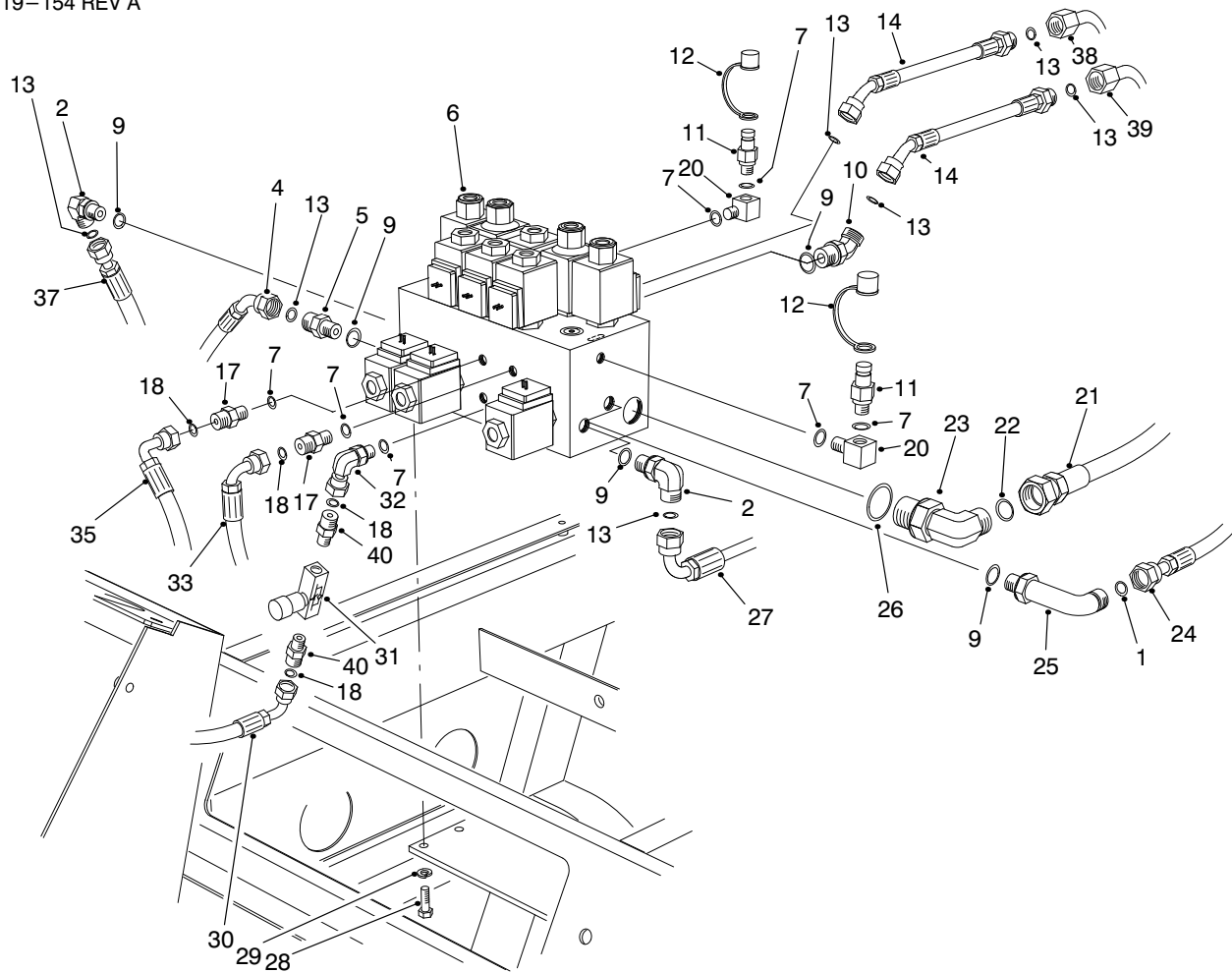


T-1048-1

HYDRAULIC RESERVOIR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	237-79	Seal - O-Ring	1
46	92-9096	Hose Assembly	1
47	340-82	Fitting - Hydraulic 90° (Incl. Ref. #23 & 25)	2

Ref. No.	Part No.	Description	No. Used
48	94-4916	Hose Assy. Drain Return	1
49	237-42	O-Ring	1

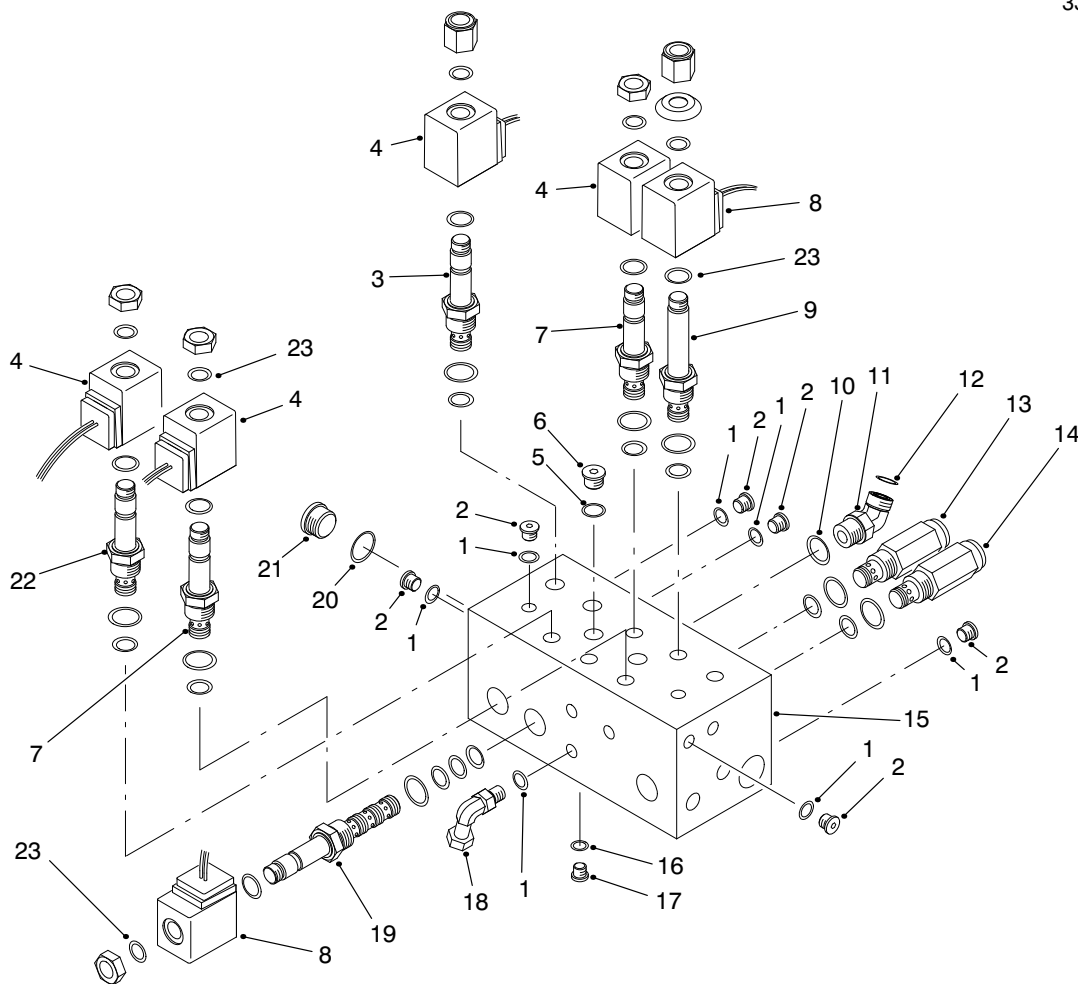


T-1094-4

HYDRAULIC CONTROL MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237-22	Seal – O–Ring	1
2	340-98	Fitting – Hydraulic 90° (Incl. Ref. #1 & 9)	2
4	94-5444	Hose Assembly Pressure #5	1
5	340-4	Fitting – Hydraulic Straight (Incl. Ref. #1 & 9)	1
6	93-3611	Control Manifold Assembly	1
7	237-78	Seal – O–Ring	6
9	237-79	Seal – O–Ring	6
10	340-101	Fitting – Hydraulic 45° (Incl. Ref. #9 & 13)	2
11	354-77	Fitting – Test Port (Incl. Ref. #7)	2
12	354-79	Cap – Test Port	2
13	237-30	Seal – O–Ring	7
14	86-9190	Hose – Hydraulic	2
17	340-92	Fitting – Hydraulic Straight (Incl. Ref. #7 & 18)	2
18	237-21	Seal – O–Ring	4
20	75-6640	Fitting – Hydraulic 90° (Incl. Ref. #7)	2
21	93-0078	Hose – Hydraulic	1

Ref. No.	Part No.	Description	No. Used
22	237-65	Seal – O–Ring	1
23	340-139	Fitting – Hydraulic 90° (Incl. Ref. #22 & 26)	1
24	94-4913	Hose Assembly Pressure #2	1
25	93-3612	Fitting – Hydraulic 90° (Incl. Ref. #1 & 9)	1
26	237-81	Seal – O–Ring	1
27	94-4914	Hose Assembly Pressure #3	1
28	322-3	Screw – Cap Hex. Hd.	4
29	3253-4	Washer – Lock	4
30	75-5900	Hose – Hydraulic	1
31	82-8270	Valve – Flow Control	1
32	340-143	Fitting – Hydraulic 90° (Incl. Ref. #7)	1
33	93-0118	Hose – Hydraulic	1
35	75-5890	Hose – Hydraulic	1
37	94-5447	Hose Assembly Pressure #4	1
38	75-5250	Tube – Hydraulic	1
39	75-5240	Tube – Hydraulic	1
40	340-13	Fitting – Hydraulic (Incl. Ref. #18)	2



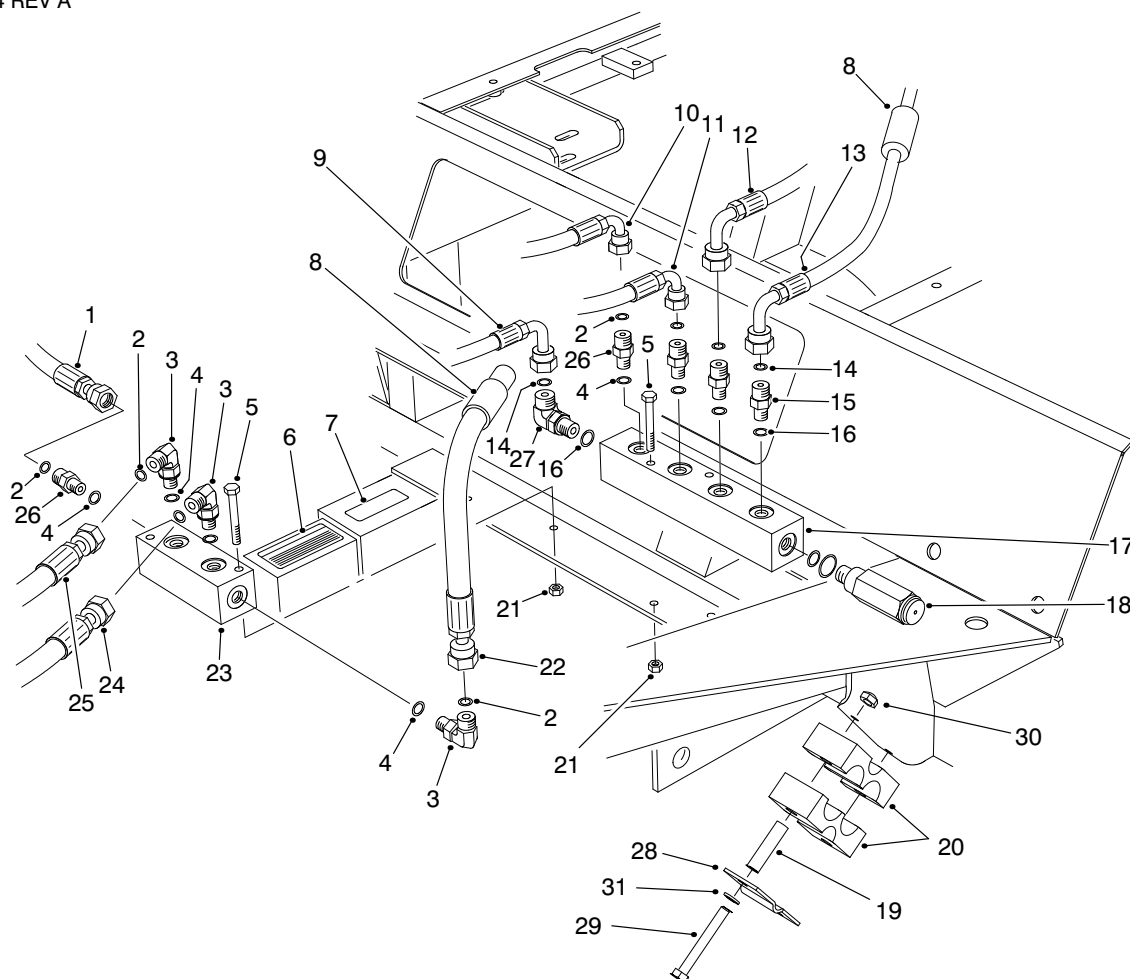
T-1503-1

CONTROL MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237-78	Seal - O-Ring	12
2	353-990	Plug (Incl. Ref. #1)	11
3	88-7020	Cartridge - N.O. (Use Seal Kit #75-2080)	2
4	88-9190	Solenoid - 20 Watt	6
5	237-42	Seal - O-Ring	2
6	353-989	Plug (Incl. Ref. #5)	2
7	94-2685	Cartridge - N.C. (Use Seal Kit #75-2080)	3
8	88-9200	Solenoid - 28 Watt	5
9	88-6970	Cartridge - N.O. (Use Seal Kit #75-2080)	2
10	237-79	Seal - O-Ring	1
11	340-101	Fitting - Hydraulic 45° (Incl. Ref. #10 & 12)	1
12	237-30	Seal - O-Ring	1
13	75-0920	Cartridge - Relief 3000 psi (Use Seal Kit #75-2080)	1

Ref. No.	Part No.	Description	No. Used
14	75-2010	Cartridge - Relief 2000 psi (Use Seal Kit #75-2080)	1
15		Body - Manifold	1
16	237-156	Seal - O-Ring	2
17	353-991	Plug (Incl. Ref. #16)	2
18	340-143	Fitting - Hydraulic 90° (Incl. Ref. #1)	1
19	88-6960	Cartridge - 4W/2P (Use Seal Kit #75-2090)	3
20	237-80	Seal - O-Ring	1
21	354-70	Plug (Incl. Ref. #20)	1
22	92-6315	Cartridge - N.C. (Use Seal Kit #75-2080)	1
23	94-5438	Seal - Solenoid	12
*	75-2080	Kit - Seal	10
*	75-2090	Kit - Seal	3

*Not Illustrated



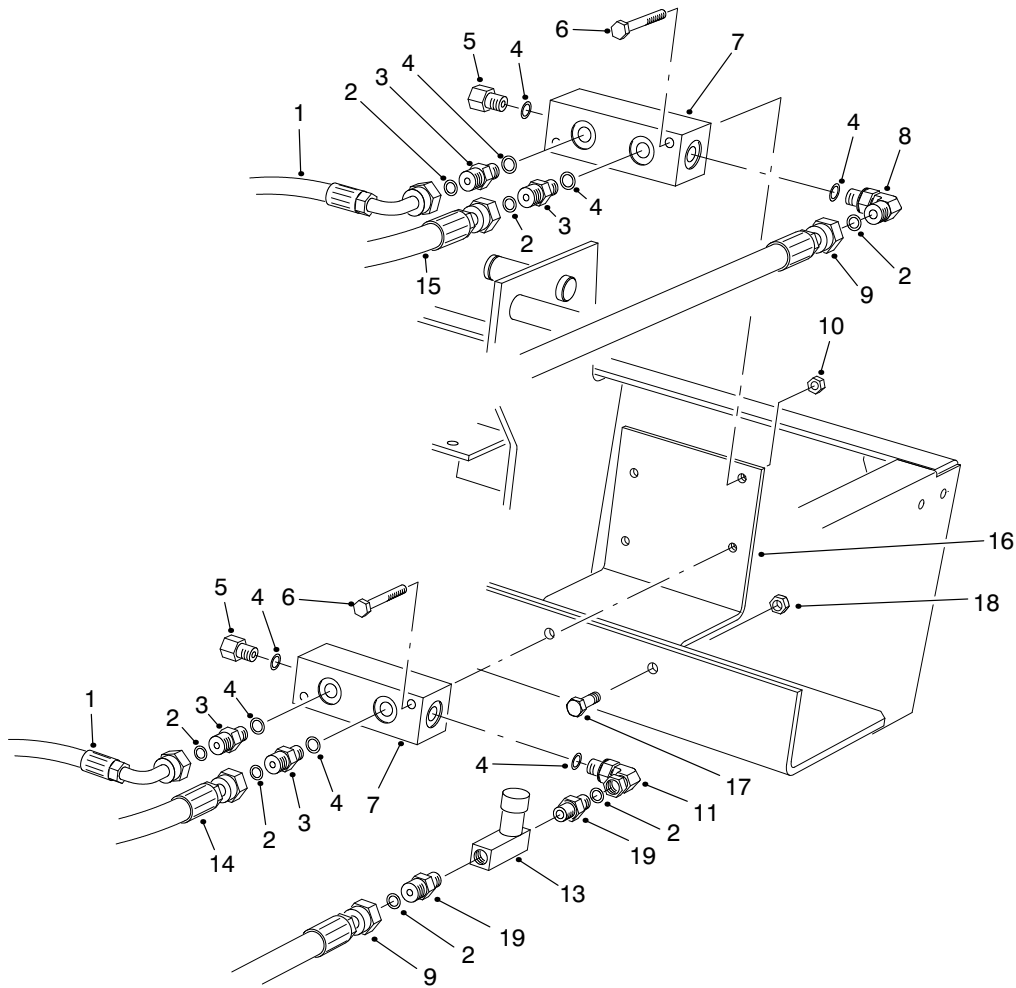
T-1058-5

FRONT HYDRAULIC MANIFOLDS

Ref. No.	Part No.	Description	No. Used
1	94-5442	Hose Assembly Drain #5	1
2	237-21	Seal - O-Ring	7
3	340-132	Fitting - Hydraulic 90° (Incl. Ref. #2 & 4)	3
4	237-78	Seal - O-Ring	7
5	321-18	Screw - Cap Hex. Hd.	4
6	88-0440	Decal - Floor Plate (US)	1
*	93-6693	Decal - Floor Plate (Europe)	1
*	88-1900	Decal - Floor Plate (Japan)	1
7	85-4730	Decal - Hydraulic Oil (US)	1
*	93-6686	Decal - Hydraulic Oil (Europe)	1
*	88-1980	Decal - Hydraulic Oil (Japan)	1
8	38-3400	Guard - Rubber	2
9	75-5940	Hose - Hydraulic	1
10	75-5890	Hose - Hydraulic	1
11	75-5910	Hose - Hydraulic	1
12	93-0118	Hose - Hydraulic	1
13	93-0119	Hose - Hydraulic	1
14	237-22	Seal - O-Ring	2

Ref. No.	Part No.	Description	No. Used
15	340-2	Fitting - Hydraulic Straight (Incl. Ref. #14 & 16)	2
16	237-42	Seal - O-Ring	2
17	93-0139	Manifold - Hydraulic	1
18	93-0143	Cartridge - Relief 250 psi (Use Seal Kit #75-2080)	1
19	93-7960	Spacer	4
20	82-8170	Clamp - Rubber	4
21	3296-42	Nut - Lock	4
22	92-9096	Hose - Hydraulic	1
23	75-1180	Manifold - Hydraulic	1
24	94-5445	Hose Assembly Drain #4	1
25	94-5448	Hose Assembly Drain #1	1
26	340-92	Fitting - Hydraulic Straight (Incl. Ref. #2 & 4)	4
27	340-77	Fitting - Hydraulic 90° (Incl. Ref. #14 & 16)	1
28	93-7961	Clamp	2
29	322-13	Screw - Cap Hex. Hd.	4
30	3296-29	Nut - Lock	4
31	3256-70	Washer - Flat	4

*Not Illustrated

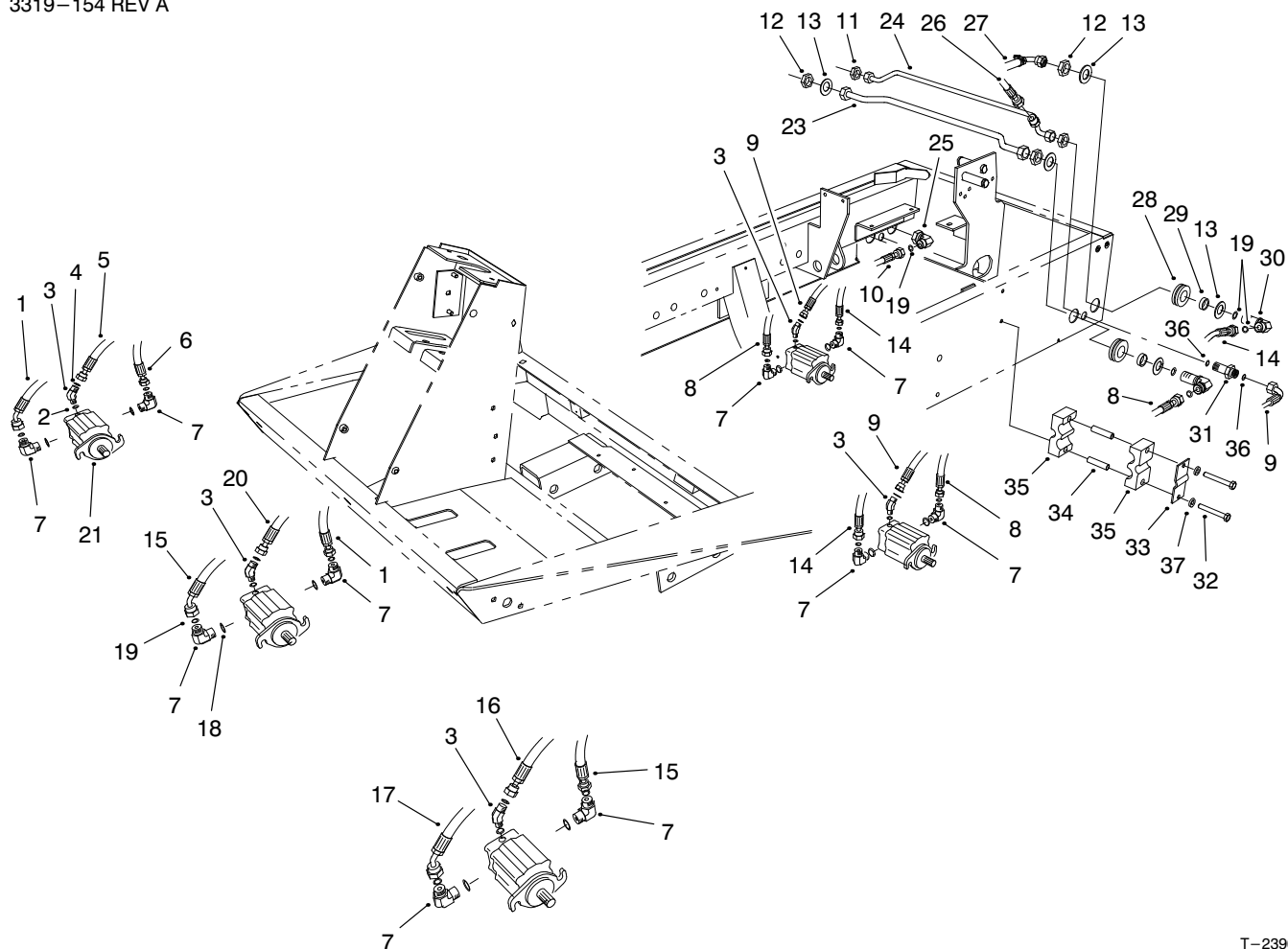


T-1095-4

REAR HYDRAULIC MANIFOLDS

Ref. No.	Part No.	Description	No. Used
1	75-6180	Hose - Hydraulic	2
2	237-21	Seal - O-Ring	7
3	340-92	Fitting - Hydraulic Straight (Incl. Ref. #2 & 4)	4
4	237-78	Seal - O-Ring	8
5	353-512	Fitting - Hydraulic Plug (Incl. Ref. #4)	2
6	321-11	Screw - Cap Hex. Hd.	4
7	75-1180	Manifold	2
8	340-132	Fitting - Hydraulic 90° (Incl. Ref. #2 & 4)	1
9	93-0118	Hose - Hydraulic	2

Ref. No.	Part No.	Description	No. Used
10	32128-33	Nut - Lock Flange	4
11	340-143	Fitting - Hydraulic 90° (Incl. Ref. #4)	1
13	82-8270	Valve - Flow Control	1
14	75-6080	Hose - Hydraulic	1
15	75-6070	Hose - Hydraulic	1
16	94-4920	Plate - Valve Mounting	1
17	322-5	Screw - HH	2
18	32128-20	Nut - Flange Head	2
19	340-13	Fitting - Hydraulic (Incl. Ref. #2)	2

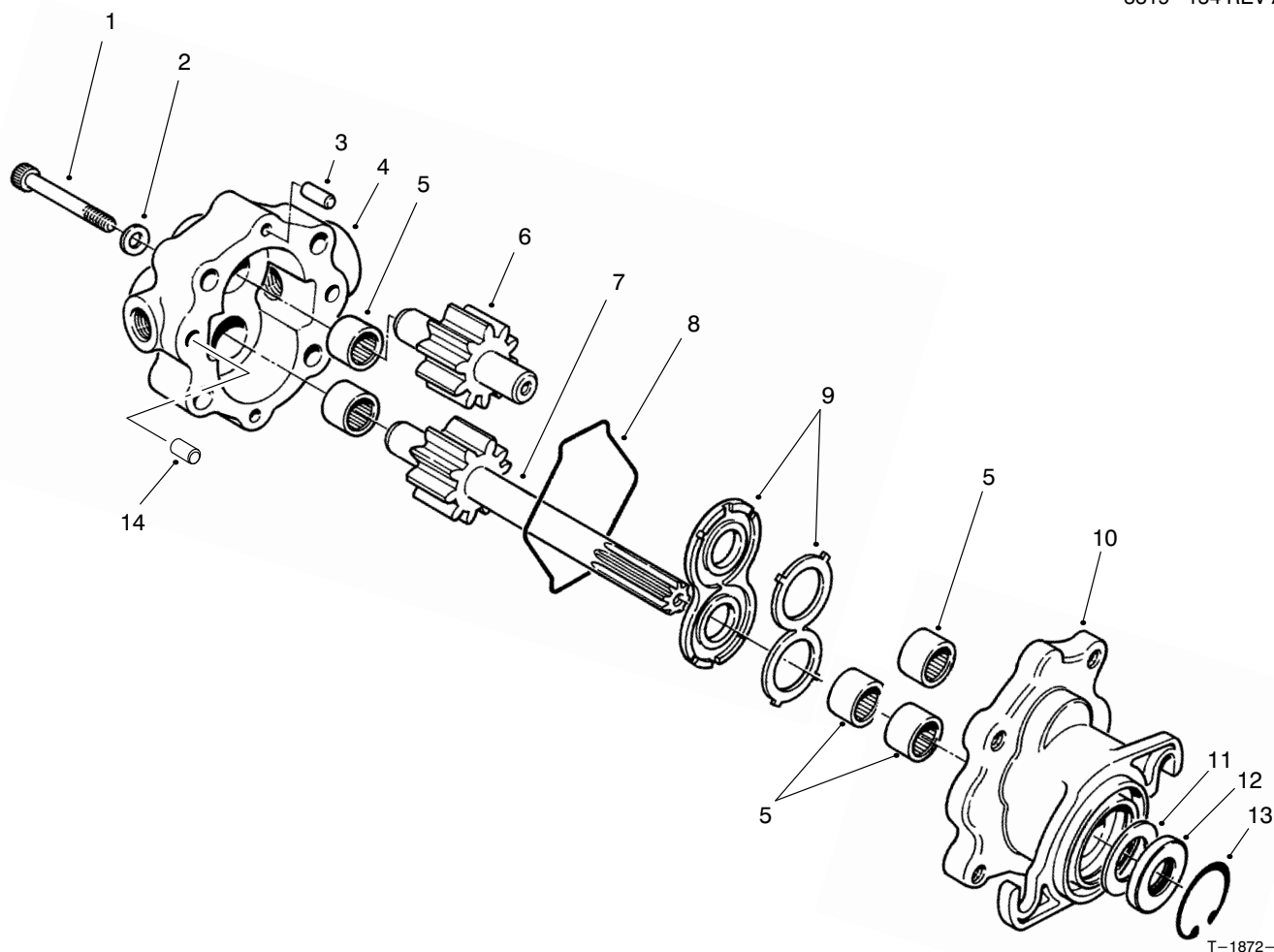


T-2390-2

CUTTING UNIT HYDRAULIC COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	94-5443	Hose Assy. Press. #1 & 5	1
2	237-78	Seal - O-Ring	5
3	340-103	Fitting - Hydraulic 45° (Incl. Ref. #2 & 4)	5
4	237-21	Seal - O-Ring	5
5	94-5442	Hose Assy. Drain #5	1
6	94-5444	Hose Assy. Pressure #5	1
7	340-98	Fitting - Hydraulic 90° (Incl. Ref. #18 & 19)	10
8	94-4911	Hose Assy. Press. #2 & 3	2
9	94-4915	Hose Assy. Drain #2 & 3	2
10	94-4914	Hose Assy. Pressure #3	1
11	340-70	Nut - Bulkhead	2
12	340-127	Nut - Bulkhead	4
13	69-8930	Washer	8
14	94-4912	Hose Assy. Press. #2 & 3	2
15	94-5446	Hose Assy. Press. #1 & 4	1
16	94-5445	Hose Assy. Drain #4	1
17	94-5447	Hose Assy. Pressure #4	1
18	237-79	Seal - O-Ring	10
19	237-30	Seal - O-Ring	19
20	94-5448	Hose Assy. Drain #1	1

Ref. No.	Part No.	Description	No. Used
21	92-8759	Motor - Hydraulic	5
23	94-4918	Tube Assy. Press. #2 & 3	1
24	94-4917	Tube Assy. Drain #2 & 3	1
25	94-6031	Fitting - Hydraulic (Incl. Ref. #19)	1
26	94-4916	Hose Assy. Drain Return	1
27	94-4913	Hose Assy. Pressure #2	1
28	240-5	Grommet - Rubber	4
29	69-8960	Spacer	4
30	93-9151	Fitting - Hydraulic (Incl. Ref. #19)	4
31	340-71	Fitting - Bulkhead Union (Incl. Ref. #36)	2
32	32144-58	Screw - Self Tapping	4
33	93-7961	Clamp - Case Drain	2
34	93-7960	Spacer	4
35	82-8170	Clamp	4
36	237-22	O-Ring	4
37	3256-70	Washer - Flat	4
*	95-3045	Kit - Hydraulic Hose (Incl. Ref. #1, 6, 8, 14-15 & 17)	1



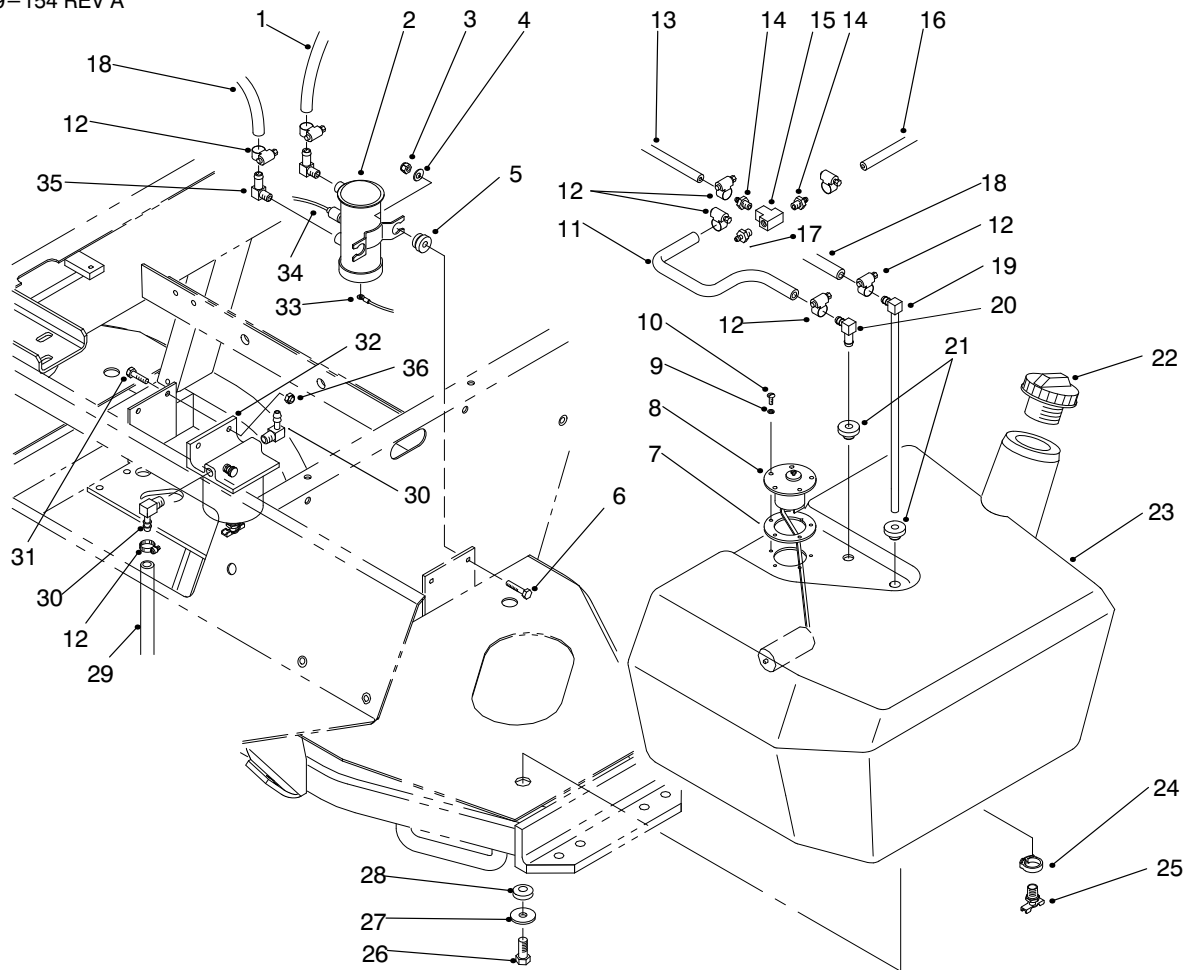
REEL MOTOR ASSEMBLY NO. 92-8759

Ref. No.	Part No.	Description	No. Used
1	354-50	Screw-Hex Socket Hd.	4
2	354-51	Washer	4
3	353-599	Pin-Dowel	2
4	92-8794	Cover Assembly (Incl. Ref. #5)	1
†5		Bearing-Needle	5
6	354-45	Idler Gear Assembly	1
7	354-49	Drive Shaft Assembly	1
8	354-46	Ring-Seal	1

Ref. No.	Part No.	Description	No. Used
9	74-3810	Load Plate Assembly	1
10	92-8795	Body Assembly (Incl. Ref. #5)	1
†11		Spacer	1
†12		Seal-Shaft	1
13	32151-41	Ring-Retaining	1
14	92-8796	Pin - Dowel	2
*	92-8863	Repair Kit (Incl. Ref. #8, & 11-13)	1

*Not Illustrated

†Not Serviced Separately.



T-1884-1

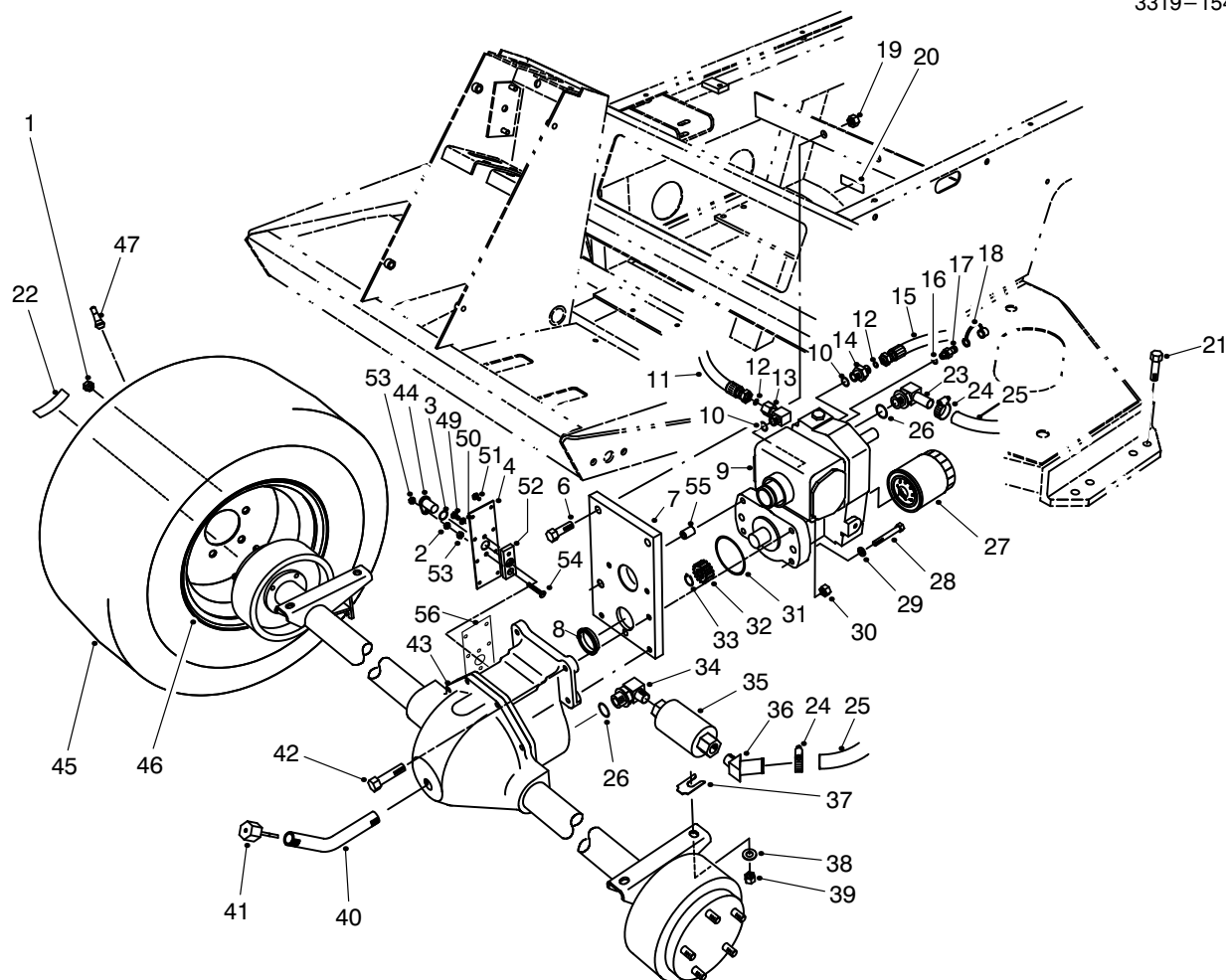
FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7610	Hose - Fuel	1
2	53-8150	Fuel Pump Assembly (Incl. Ref. #5 & 33-34)	1
3	3296-42	Nut - Lock	2
4	3256-22	Washer - Flat	2
†5		Mount - Rubber	2
6	321-8	Screw - Cap Hex. Hd.	2
7	62-7650	Gasket - Sending Unit	1
8	63-7640	Unit - Sending	1
9	3253-15	Washer - Lock	5
10	32122-24	Screw - Round Hd.	5
11	27-5340	Hose - Fuel	1
12	2412-108	Clamp - Hose	11
13	75-4700	Hose - Fuel	1
14	354-22	Fitting - Fuel Straight	2
15	354-20	Fitting - Fuel Tee	1
16	75-4701	Hose - Fuel	1
17	354-21	Fitting - Fuel Straight	1
18	44-2670	Hose - Fuel	1

Ref. No.	Part No.	Description	No. Used
19	66-8121	Standpipe - Elbow 90°	1
20	46-6550	Connector - Fuel Elbow 90°	1
21	46-6560	Grommet	2
22	93-3102	Cap - Fuel Tank	1
23	94-3510	Fuel Tank Assembly (Incl. Ref. #24-25)	1
24	2412-36	Clamp - Drain	1
25	304-46	Fitting - Drain	1
26	33103-025	Screw - Hex. Hd. Flange	3
27	63-8410	Washer - Flat	3
28	240-11	Grommet	3
29	63-7628	Hose - Fuel	1
30	353-781	Fitting - 90°	2
31	321-6	Screw - Cap Hex. Hd.	2
32	63-7650	Filter - Fuel	1
33	70-8530	Wire - Fuel Pump	1
34	218-579	Wire - Fuel Pump	1
35	67-1690	Fitting - Fuel Elbow 90°	2
36	32128-33	Nut - Lock Flange	2

*Not Illustrated

†Not Serviced Separately



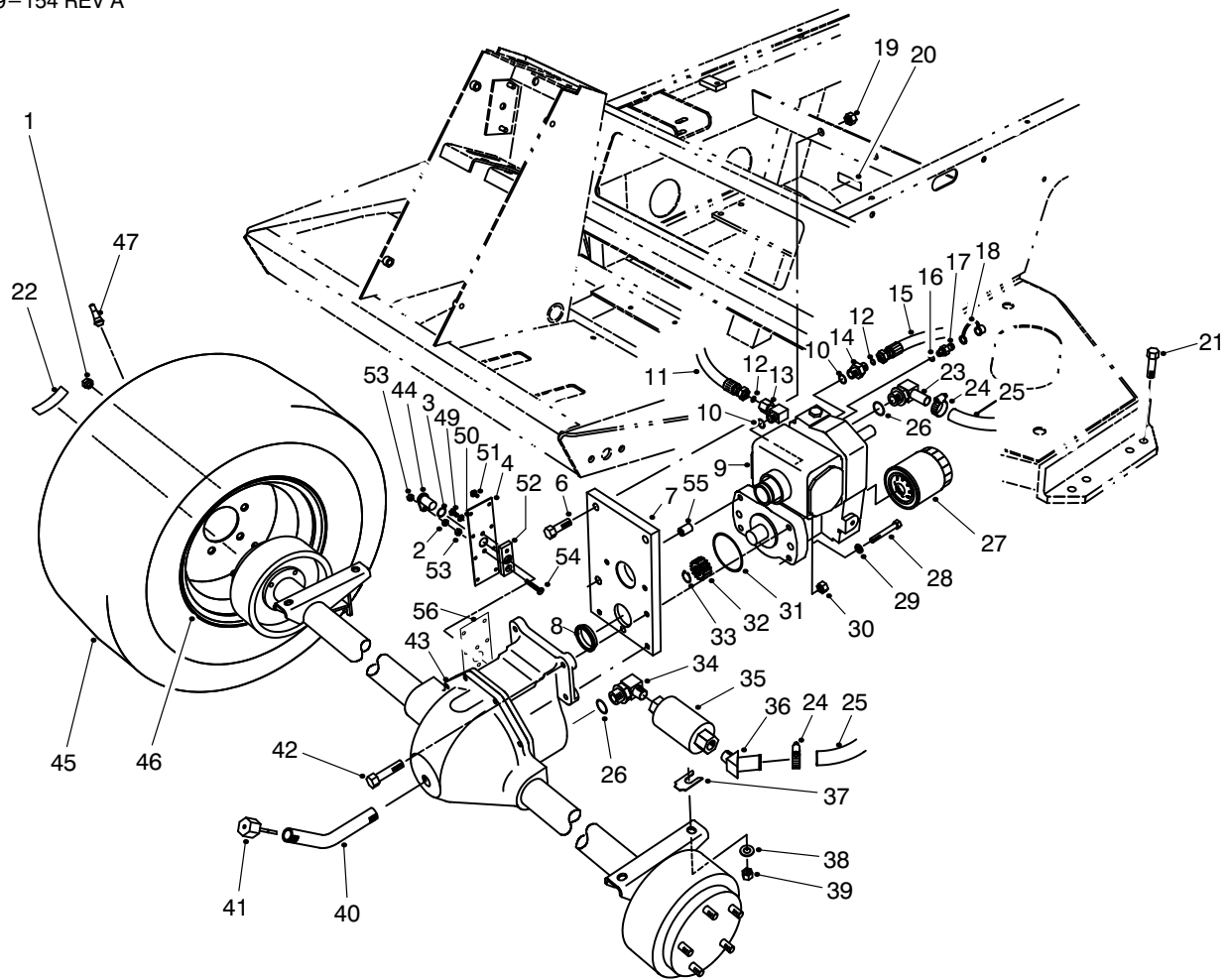
T-1050-1

FRONT AXLE & TRANSMISSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	23-7270	Nut - Lug	10
2	3218-1	Nut - Jam	1
3	237-181	Seal - O-Ring	1
4	85-4330	Cover - Gear	1
6	325-7	Screw - Cap Hex. Hd.	2
7	92-4846	Transmission Support Assy. (Incl. Ref. #8 & 55)	1
8	75-3110	Collar - Transmission	1
9	75-0010	Transmission Assembly	1
10	237-79	Seal - O-Ring	2
11	75-6170	Hose - Hydraulic	1
12	237-22	Seal - O-Ring	2
13	340-18	Fitting - Hydraulic 90° (Incl. Ref. #10 & 12)	1
14	340-3	Fitting - Hydraulic Straight (Incl. Ref. #10 & 12)	1
15	75-6150	Hose - Hydraulic	1
16	237-78	Seal - O-Ring	1
17	354-77	Fitting - Hydraulic Test Port (Incl. Ref. #16)	1
18	354-79	Cap - Test Port	1
19	3296-23	Nut - Lock	2
20	77-0490	Decal - Bolt (US)	1
*	93-6691	Decal - Bolt (Europe)	1
*	80-4880	Decal - Bolt (Japan)	1

Ref. No.	Part No.	Description	No. Used
21	324-7	Screw - Cap Hex. Hd.	4
22	76-8730	Decal - Bolt Torque	2
23	75-4720	Fitting - Hydraulic 90° (Incl. Ref. #26)	1
24	2412-129	Clamp - Hose	2
25	75-6350	Hose	1
26	237-81	Seal - O-Ring	2
27	75-1330	Filter - Oil	1
28	323-12	Screw - Cap Hex. Hd.	2
29	3253-21	Washer - Lock	2
30	3296-39	Nut - Lock	2
31	237-161	Seal - O-Ring	1
32	86-7220	Gear - Pinion	1
33	32151-62	Ring - Retaining	1
34	354-75	Fitting - Hydraulic 90° (Incl. Ref. #26)	1
35	75-6340	Strainer - In-Line	1
36	354-72	Fitting - Hydraulic 45°	1
37	42-6080	Shim - Axle	A/R
38	66-6480	Washer - Flat	4
39	3296-48	Nut - Lock	4
40	75-6850	Tube - Oil Fill	1
41	27-3710	Dipstick - Axle	1
42	323-20	Screw - Cap Hex. Hd.	2
43	94-6932	Front Axle Assembly	1

*Not Illustrated

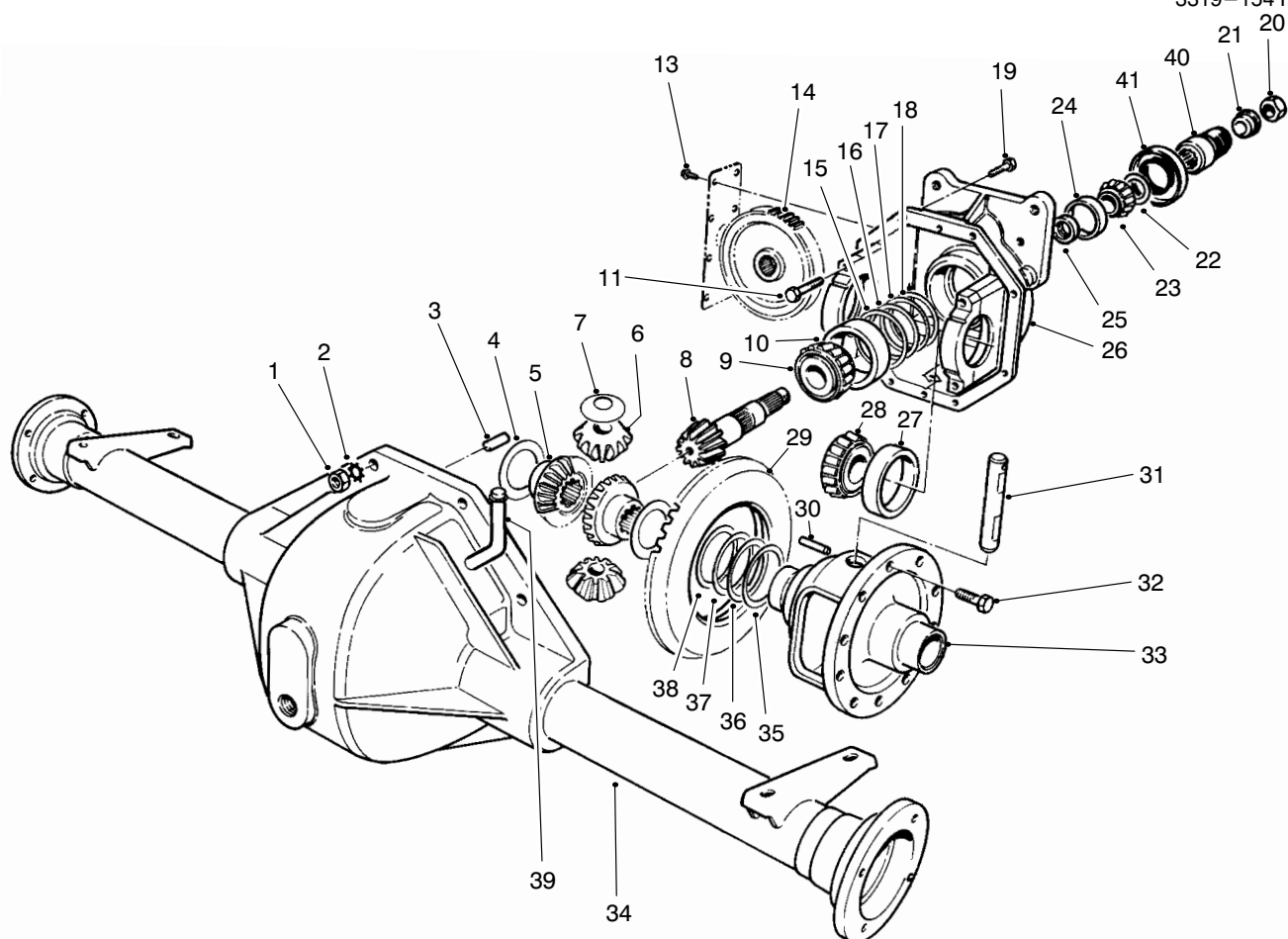


T-1050-1

FRONT AXLE & TRANSMISSION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	85-4350	Sensor – Gear Tooth	1
45	231-134	Tire	2
46	217-120	Rim	2
47	232-27	Stem – Valve	2
49	321-2	Screw – Cap Hex. Hd.	1
50	3253-3	Washer – Lock	1

Ref. No.	Part No.	Description	No. Used
51	32144-112	Screw – Cap Hex. Hd.	8
52	85-4340	Plate – Sensor Mounting	1
53	3296-56	Nut – Lock	2
54	32108-9	Screw – Machine	1
55	92-4808	Sleeve – Trans. Pilot	1
56	92-5797	Gasket – Axle	1



T-1315-1

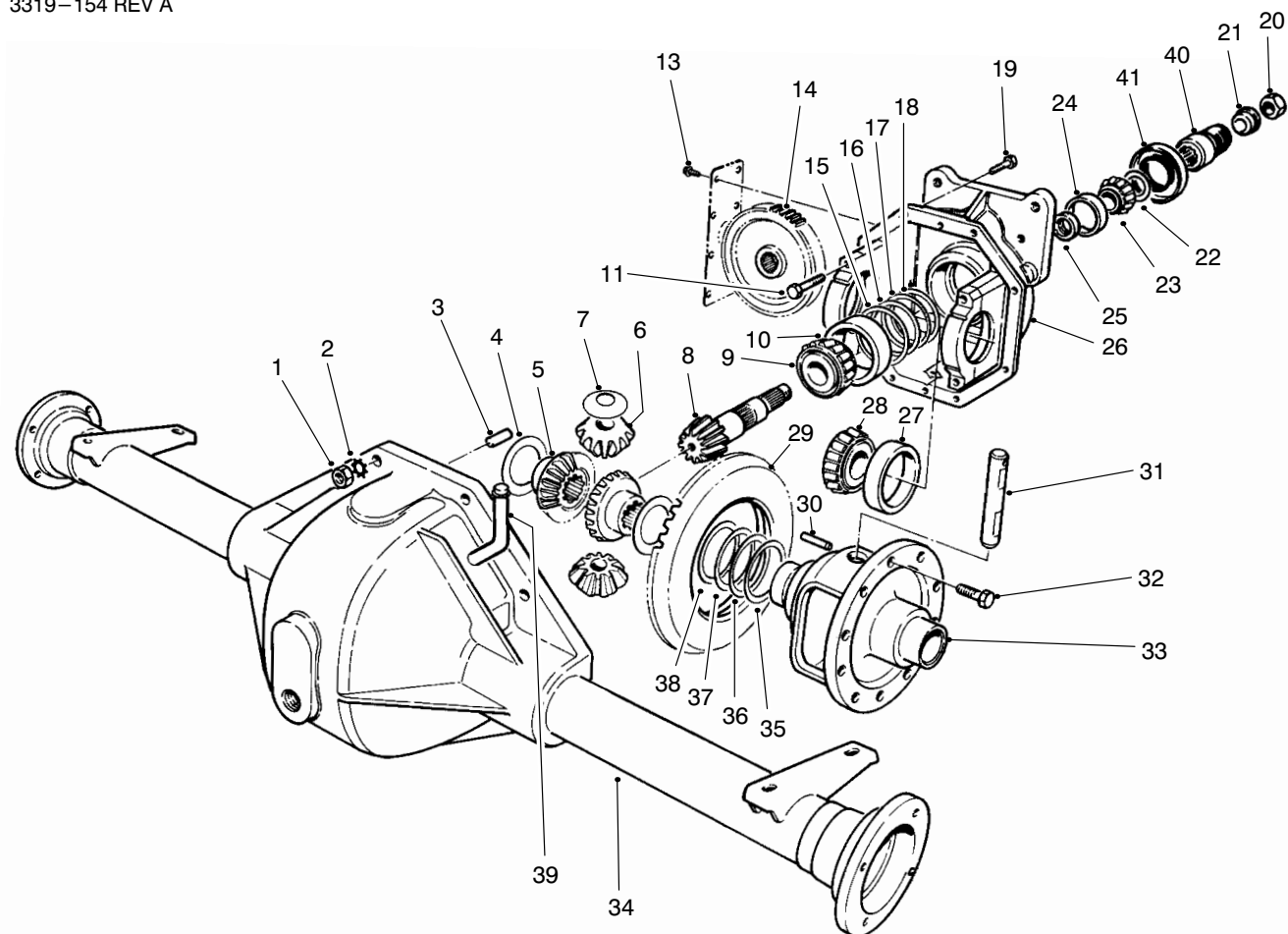
FRONT AXLE ASSEMBLY NO. 94-6932

Ref. No.	Part No.	Description	No. Used
1	3219-2	Nut	8
2	3255-8	Washer-Lock	8
3	21-8270	Pin-Dowel	2
4	21-7720	Washer-Thrust	2
5	24-8790	Gear-Bevel Differential	2
6	21-7690	Gear-Pinion	2
7	21-7730	Washer-Thrust	2
†8		Pinion-Drive	1
9	43-6760	Cone-Bearing Tapered	1
10	43-6750	Cup-Bearing Tapered	1
11	92-1773	Screw-Cap Hex Hd.	4
13	32144-112	Screw-Thread Forming	8
14	86-7230	Gear-Spur	1
15	43-6710	Diff. Adjust. Shim .003	A/R
16	43-6711	Diff. Adjust. Shim .005	A/R
17	43-6712	Diff. Adjust. Shim .010	A/R
18	43-6713	Diff. Adjust. Shim .030	A/R
19	3210-7	Screw-Cap Hex Hd.	8
20	71-4350	Nut	1
21	83-5130	Spacer - Pinion	1
22	72-3570	Shim .094 - Diff. Adjust.	A/R
*	72-3571	Shim .096 - Diff. Adjust.	A/R
*	72-3572	Shim .098 - Diff. Adjust.	A/R
*	72-3573	Shim .100 - Diff. Adjust.	A/R
*	72-3574	Shim .102 - Diff. Adjust.	A/R
*	72-3575	Shim .104 - Diff. Adjust.	A/R

Ref. No.	Part No.	Description	No. Used
*22	72-3576	Shim .106 - Diff. Adjust.	A/R
*	72-3577	Shim .108 - Diff. Adjust.	A/R
*	72-3578	Shim .110 - Diff. Adjust.	A/R
*	72-3580	Shim .112 - Diff. Adjust.	A/R
*	72-3581	Shim .114 - Diff. Adjust.	A/R
*	72-3582	Shim .116 - Diff. Adjust.	A/R
*	72-3583	Shim .118 - Diff. Adjust.	A/R
*	72-3584	Shim .120 - Diff. Adjust.	A/R
*	72-3585	Shim .125 - Diff. Adjust.	A/R
*	72-3586	Shim .127 - Diff. Adjust.	A/R
*	72-3587	Shim .129 - Diff. Adjust.	A/R
*	72-3588	Shim .131 - Diff. Adjust.	A/R
*	72-3590	Shim .133 - Diff. Adjust.	A/R
*	72-3591	Shim .135 - Diff. Adjust.	A/R
*	72-3592	Shim .137 - Diff. Adjust.	A/R
*	72-3593	Shim .139 - Diff. Adjust.	A/R
*	72-3594	Shim .141 - Diff. Adjust.	A/R
*	72-3595	Shim .143 - Diff. Adjust.	A/R
*	72-3596	Shim .145 - Diff. Adjust.	A/R
*	72-3597	Shim .147 - Diff. Adjust.	A/R
*	72-3598	Shim .149 - Diff. Adjust.	A/R
*	72-3600	Shim .151 - Diff. Adjust.	A/R
23	254-91	Cone-Bearing	1
24	21-8390	Cup-Bearing	1
25	21-8020	Spacer-Front Pinion	1

*Not Illustrated

†Not Serviced Separately



T-1315-1

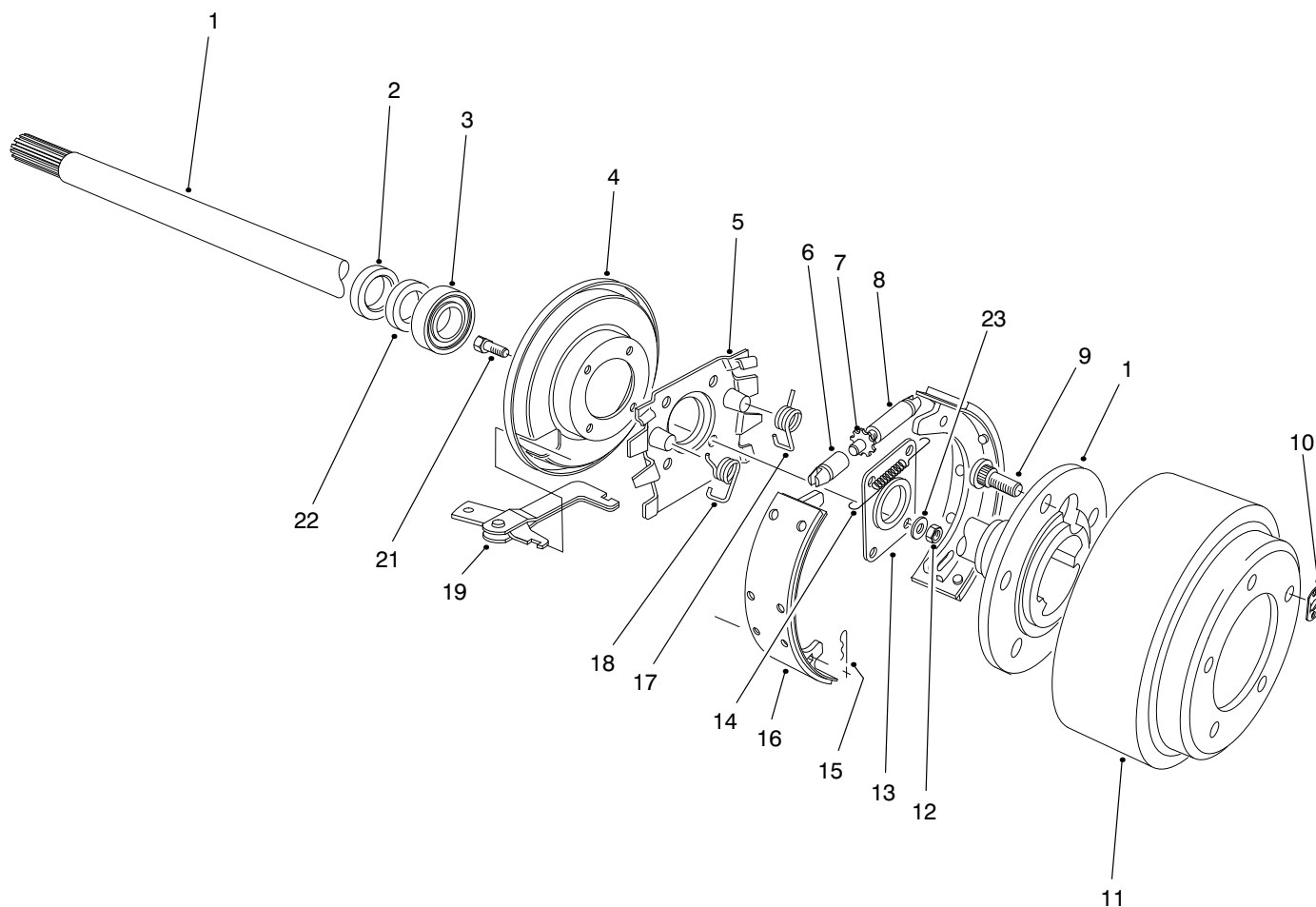
FRONT AXLE ASSEMBLY NO. 94-6932 (Continued)

Ref. No.	Part No.	Description	No. Used
26	86-7190	Upper Housing Assembly (Incl. Ref. #11)	1
27	254-66	Cup-Tapered Bearing	2
28	254-65	Cone-Tapered Bearing	2
†29		Gear-Ring	1
30	21-7710	Pin-Roll	1
31	21-7700	Shaft-Pinion Mate	1
32	21-7770	Screw-Drive Gear	5
33	21-7670	Case-Differential	1
34	75-0720	Housing-Lower	1
35	21-8120	Diff. Adjust. Shim .030	A/R

Ref. No.	Part No.	Description	No. Used
36	21-8110	Diff. Adjust. Shim .010	A/R
37	21-8100	Diff. Adjust. Shim .005	A/R
38	21-8090	Diff. Adjust. Shim .003	A/R
39	21-8230	Vent Tube Assembly	1
40	83-4910	Coupler - Pinion	1
41	71-4330	Seal	1
*	93-3618	Gear & Pinion Assembly (Incl. Ref. #8 & 29)	1
*	94-6937	Differential Assembly (Incl. Ref. #4-10, 14-33, 35-38, 40 & 41)	1

*Not Illustrated

†Not Serviced Separately



T-2664-1

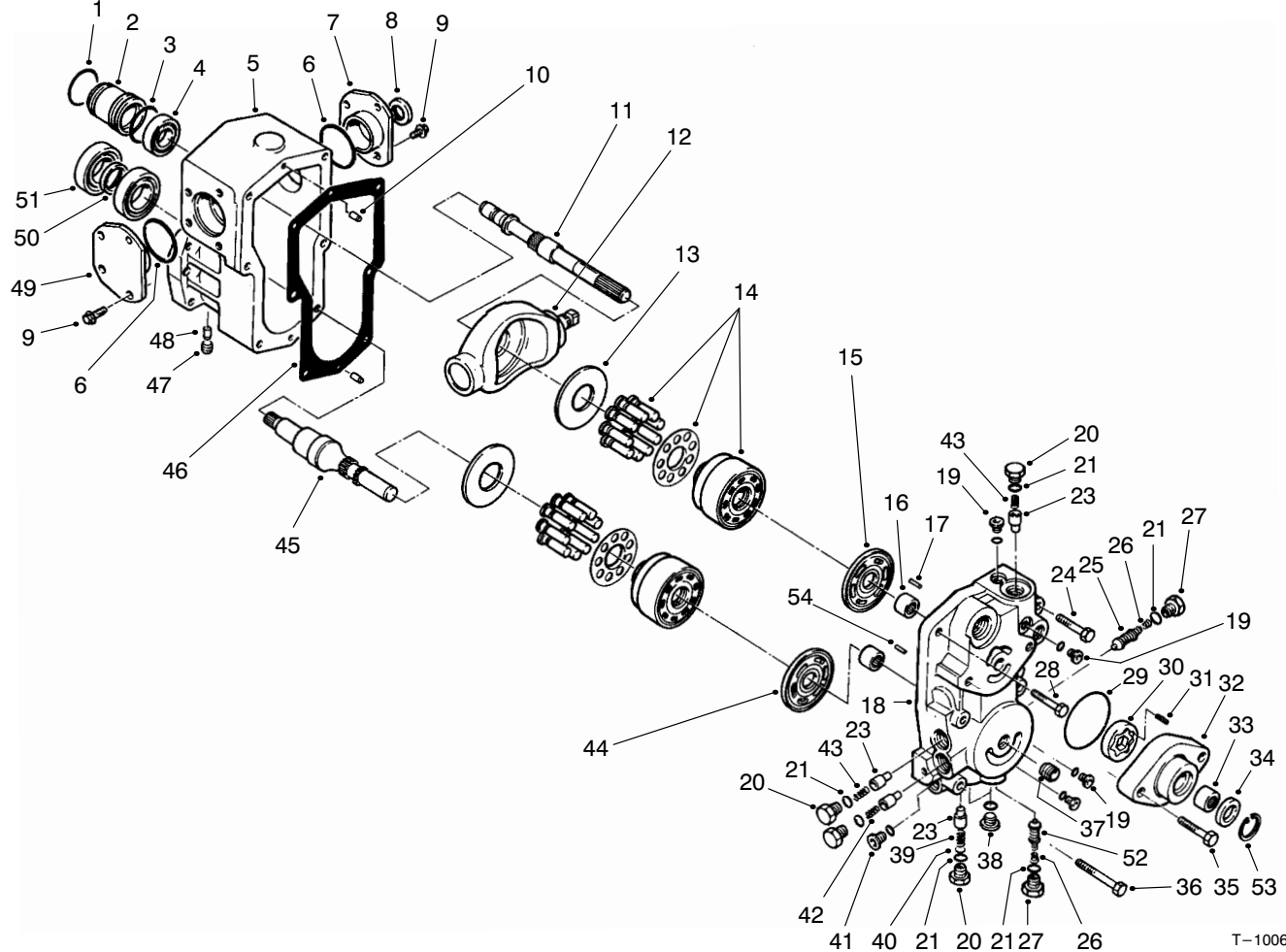
BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-6862	Shaft - Axle Flanged L.H.	1
*	27-6852	Shaft- Axle Flanged R.H.	1
2	92-1774	Seal - Oil	2
3	21-8180	Bearing	2
4	21-9450	Shield - Dust	2
5	43-6810	Spider - Torque	2
6	21-9390	Socket - Adjusting Screw	2
7	21-9370	Screw - Adjusting	2
8	21-9380	Nut - Pivot	2
9	242-34	Stud - Flange Axle	10
10	21-8360	Clip - Retaining	2
11	28-0680	Drum - Brake	2
12	94-6935	Nut - Lock	8

Ref. No.	Part No.	Description	No. Used
13	28-0670	Seal - Oil	2
14	21-9440	Spring - Adjusting Screw	2
15	21-9460	Retainer - Parking Brake	4
16	84-8590	Shoe & Lining Assembly	4
17	21-9420	Spring - Shoe Return L.H.	2
18	21-9430	Spring - Shoe Return R.H.	2
19	24-9180	Lever - Parking Brake	2
21	94-6934	Screw - Cap Soc. Hd.	8
22	24-8840	Ring - Wheel Bearing	2
23	94-6936	Washer	8
*	92-8775	Gasket - Kit Liquid	1
*	84-8600	Set of Lined Brake Shoes	1

*Not Illustrated

3319-154 REV A



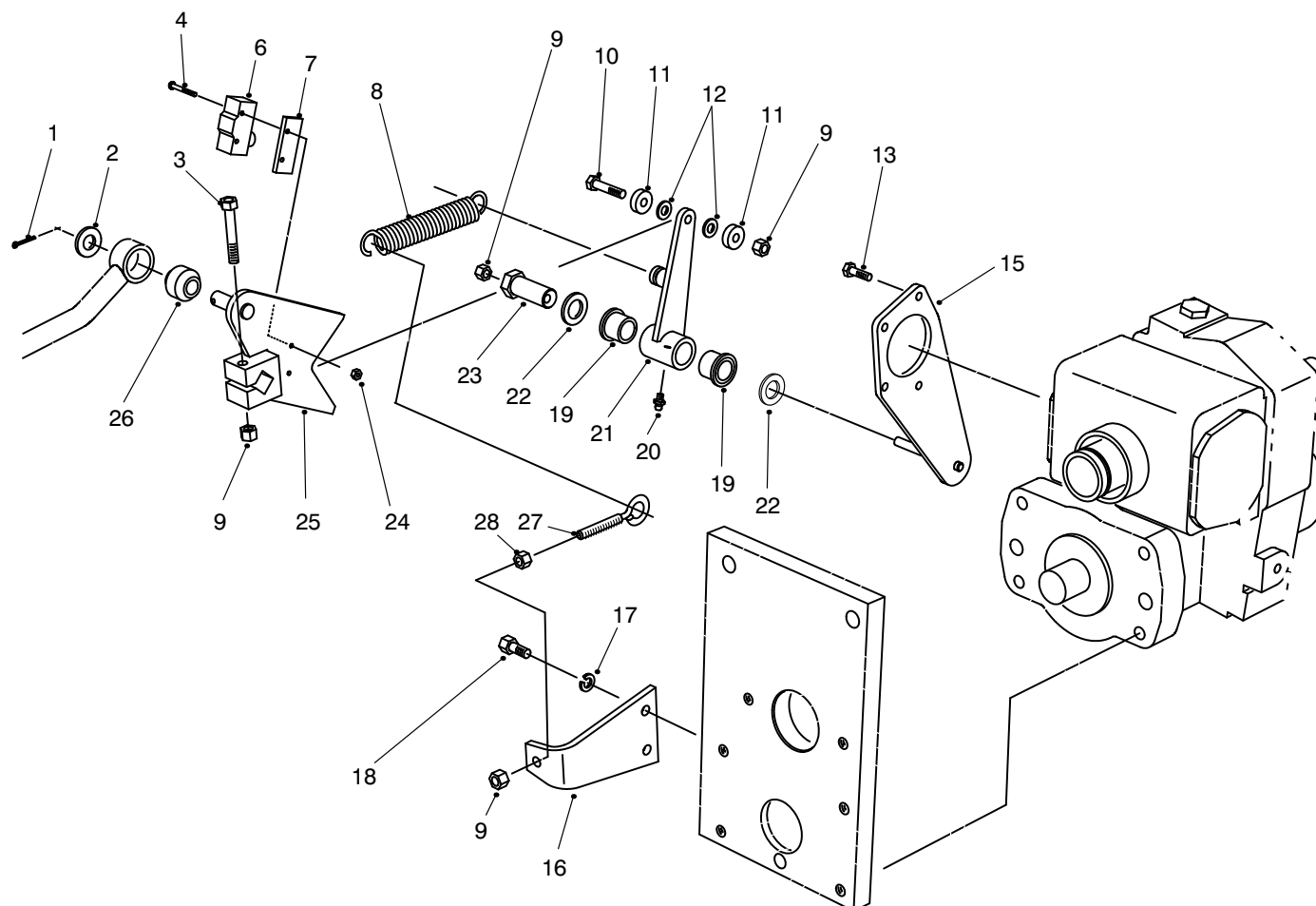
T-1006-1

TRANSMISSION ASSEMBLY NO. 75-0010

Ref. No.	Part No.	Description	No. Used
1	75-0430	Ring - Retaining	1
2	75-0150	Guide - Seal	1
3	75-0410	O-Ring	1
4	75-0520	Bearing - Ball	1
5	75-0020	Housing	1
6	75-0210	O-Ring	2
7	86-7520	Trunnion Cover Assy. R.H.	1
8	75-0230	Seal - Lip	1
9	75-0090	Screw - Cap Hex Hd.	8
10	75-0480	Pin	2
11	86-7540	Shaft - Pump	1
12	75-0390	Plate - Swash	1
13	75-0400	Plate - Thrust	2
14	75-0470	Cylinder Block Kit	2
15	75-0380	Plate - Valve	1
16	75-0500	Bearing - Needle	2
17	75-0510	Pin	2
18	75-0040	Center Section	1
19	75-0170	Plug - Straight Thread	4
20	75-0060	Plug	4
21	75-0240	O-Ring	6
23	75-0260	Valve - Relief	4
24	75-0130	Screw - Cap Hex Hd.	3
25	75-0300	Valve - SCR	1
26	75-0140	Spring - Conical	1
27	75-0190	Plug - Special	2
28	75-0120	Screw - Cap Hex Hd.	1

Ref. No.	Part No.	Description	No. Used
29	75-0370	O-Ring	1
30	75-0360	Gerotor	1
31	75-0350	Pin	1
32	83-4780	Housing - Charge Pump	1
33	75-0340	Bearing - Needle	1
34	75-0330	Seal - Lip	1
35	75-0110	Screw - Cap Hex Hd.	2
36	75-0180	Screw - Cap Hex Hd.	2
37	75-0320	Nipple	1
38	75-0200	Plug - Straight Thread	2
39	75-0270	Spring	1
40	75-0310	Shim	1
41	75-0070	Plug	1
42	75-0280	Spring	1
43	75-0290	Spring	2
44	93-0083	Plate - Valve	1
45	75-0440	Shaft - Motor	1
46	75-0030	Gasket - Housing	1
47	75-0160	Plug - Pipe	1
48	75-0220	Pin	2
49	86-7530	Trunnion Cover Assy. L.H.	1
50	75-0450	Collar	1
51	75-0460	Bearing - Ball	2
52	75-6930	Valve - SCR	1
53	32120-74	Ring - Retaining	1
54	75-0250	Pin - Slotted	1

*Not Illustrated

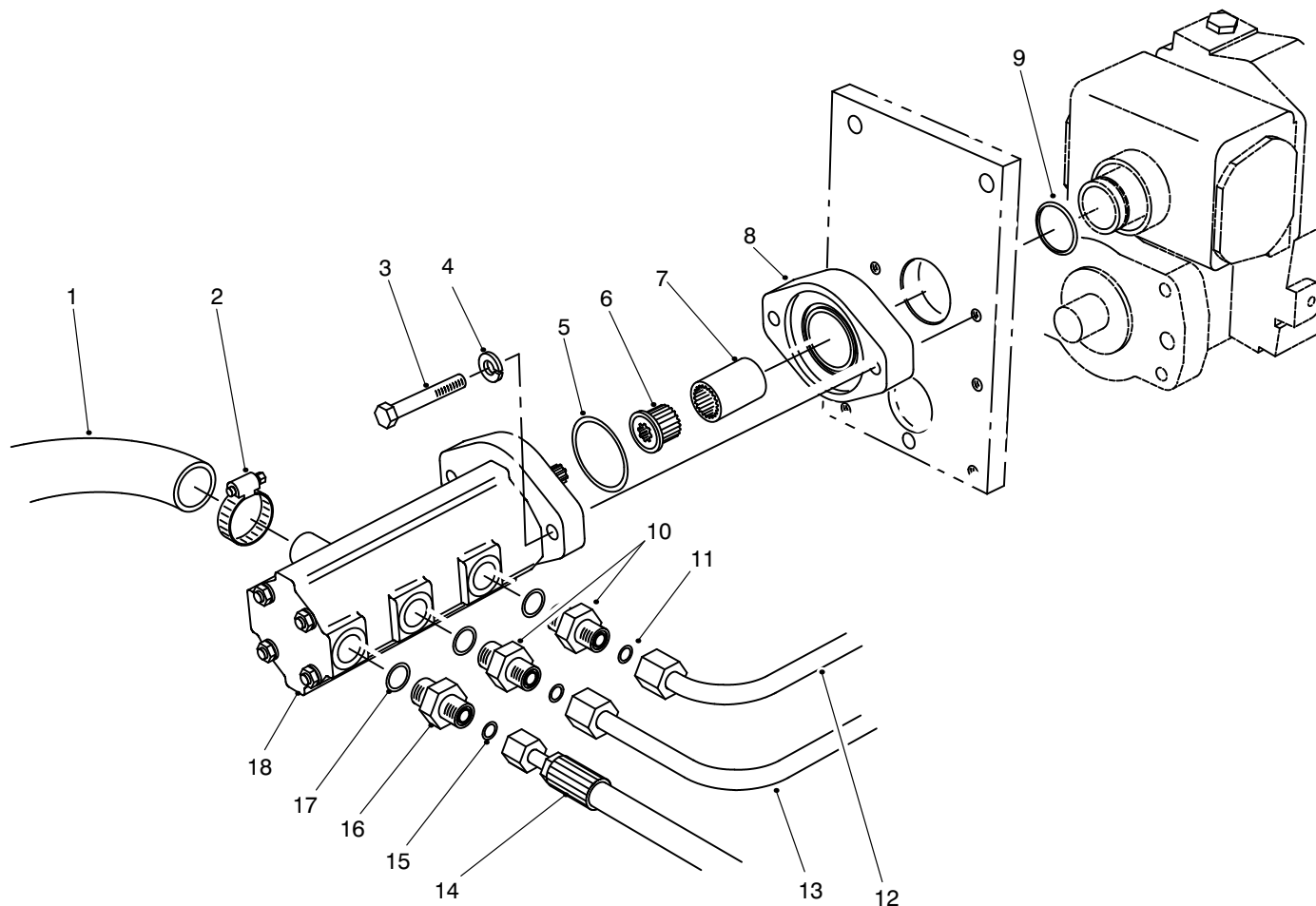


T-1051-1

TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3272-10	Pin - Cotter	1
2	3256-26	Washer - Flat	1
3	322-10	Screw - Cap Hex. Hd.	1
4	32105-21	Screw	2
6	29-6162	Switch - Neutral	1
7	75-4130	Plate - Switch	1
8	76-9430	Spring - Extension	1
9	3296-29	Nut - Lock	4
10	322-7	Screw - Cap Hex. Hd.	1
11	251-259	Bearing - Ball	2
12	75-5470	Spacer	2
13	32144-22	Screw - Cap Hex. Hd.	4
15	75-4080	Plate - Traction	1
16	85-9900	Plate - Spring Anchor	1

Ref. No.	Part No.	Description	No. Used
17	3253-4	Washer - Lock	2
18	322-3	Screw - Cap Hex. Hd.	2
19	256-113	Bushing - Flange	2
20	302-5	Fitting - Grease	1
21	92-2581	Switch Arm Assembly (Incl. Ref. #19 & 20)	1
22	3-6498	Washer - Thrust	2
23	76-8640	Stud - Traction	1
24	3296-9	Nut - Hex.	2
25	75-4100	Control - Pump	1
26	23-2270	Bushing - Rubber	1
27	85-9910	Eyebolt	1
28	3217-6	Nut - Hex.	1

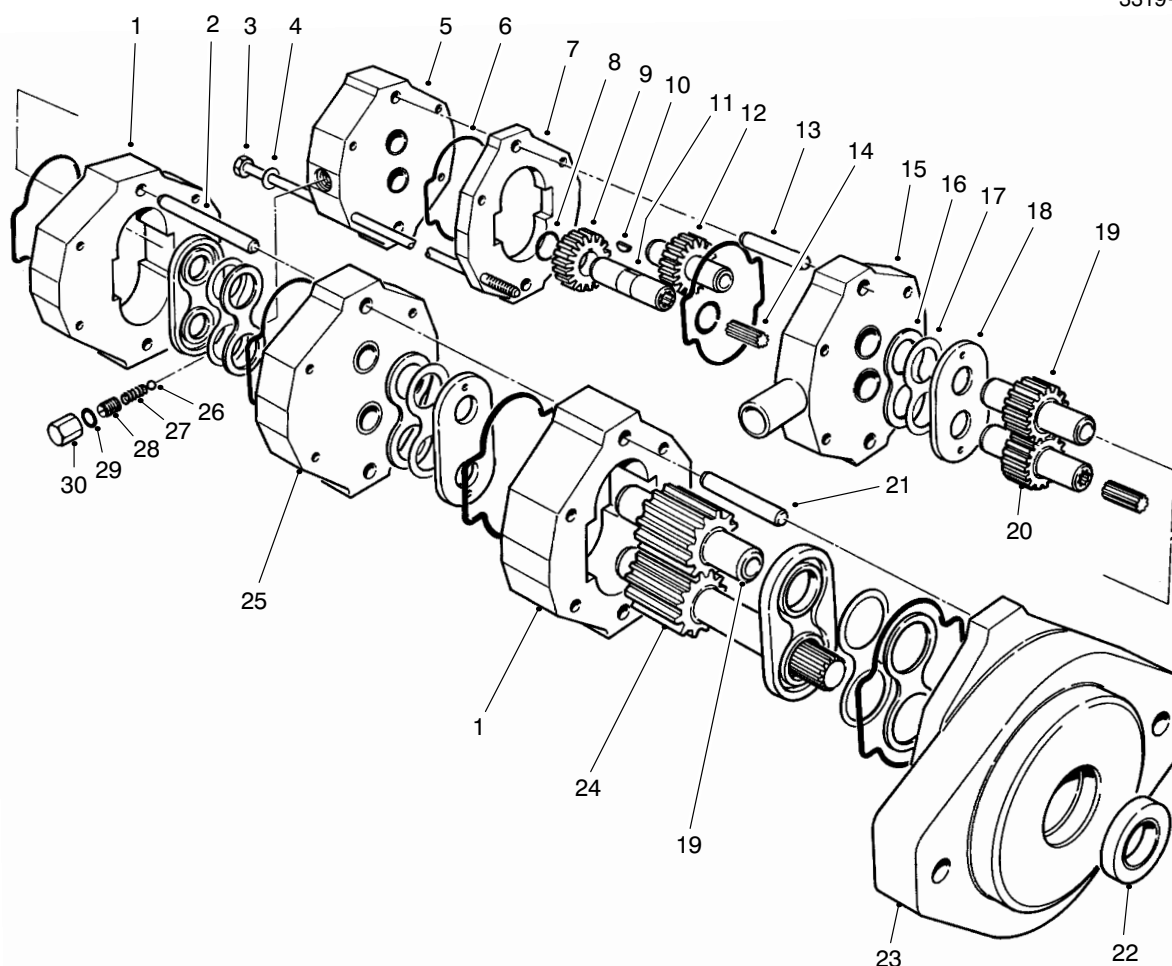


T-1052-1

GEAR PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-6870	Hose - Suction	1
2	2412-34	Clamp - Hose	1
3	323-12	Screw - Cap Hex. Hd.	2
4	3253-5	Washer - Lock	2
5	237-162	Seal - O-Ring	1
6	86-9200	Sleeve - Pump	1
7	75-2430	Coupling - Transmission	1
8	75-4400	Adaptor - Transmission	1
9	237-163	Seal - O-Ring	1
10	340-4	Fitting - Hydraulic Straight (Incl. Ref. #11 & 17)	2

Ref. No.	Part No.	Description	No. Used
11	237-30	Seal - O-Ring	2
12	75-5240	Tube - Hydraulic	1
13	75-5250	Tube - Hydraulic	1
14	75-6240	Hose - Hydraulic	1
15	237-22	Seal - O-Ring	1
16	340-3	Fitting - Hydraulic Straight (Incl. Ref. #15 & 17)	1
17	237-79	Seal - O-Ring	3
18	75-0800	Gear Pump Assembly	1

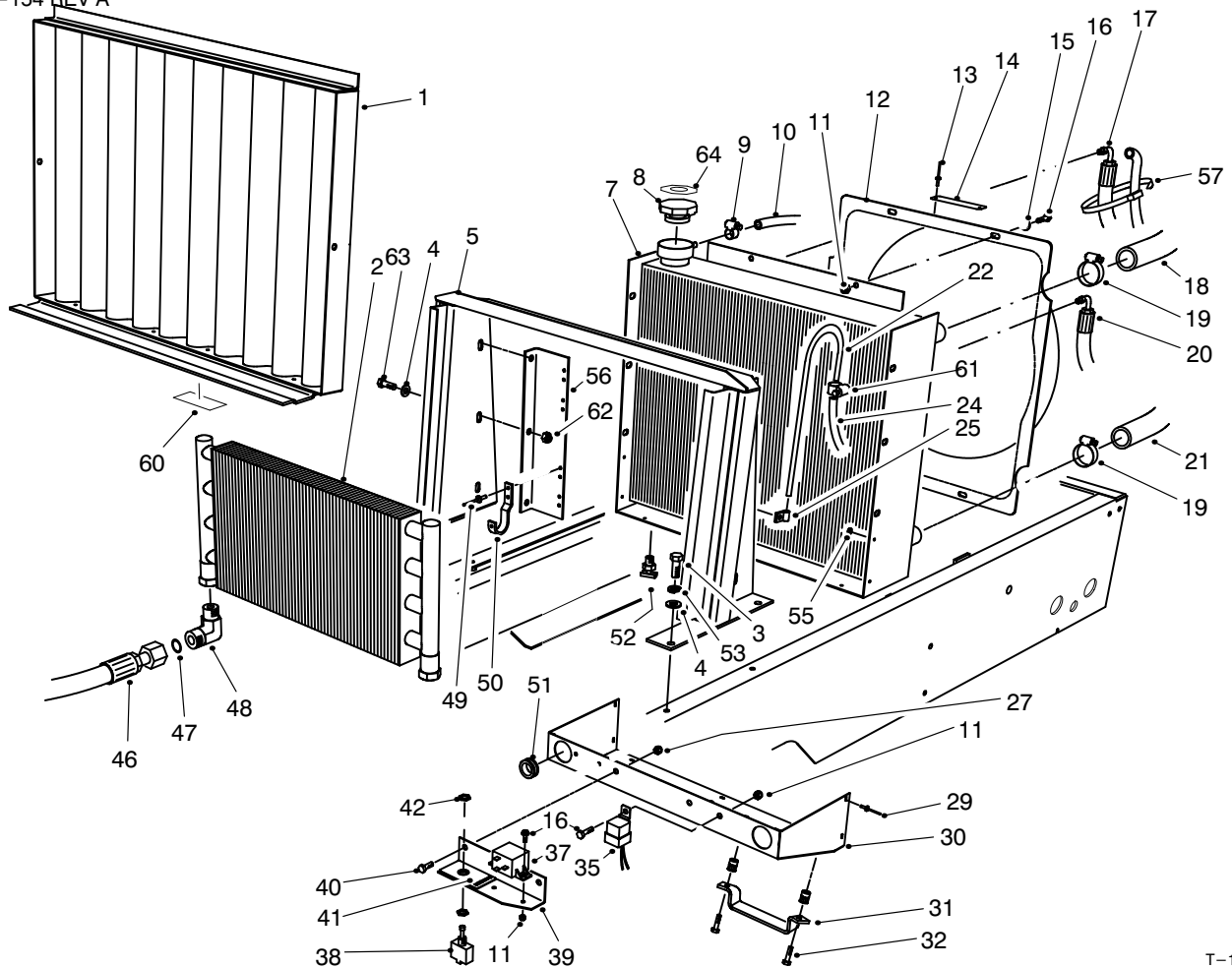


T-1029-1

HYDRAULIC PUMP NO. 75-0800

Ref. No.	Part No.	Description	No. Used
1	354-54	Plate - Gear	2
2	354-56	Pin - Dowel	2
3	354-64	Screw - Cap Hex. Hd.	4
4	354-16	Washer	4
5	354-63	Cover Assembly	1
6	353-922	Seal - Ring	6
7	354-60	Plate - Gear	1
8	353-886	Ring - Retaining	2
9	354-62	Gear	1
10	354-61	Key - Woodruff	1
11	354-59	Shaft - Drive	1
12	354-65	Idler Shaft Assembly	1
13	354-13	Pin - Dowel	2
14	354-5	Coupling	2
15	354-58	Plate Assembly	1
16	354-69	Seal - Load Hi Pressure	4

Ref. No.	Part No.	Description	No. Used
17	354-67	Seal - Hi Pressure	4
18	354-68	Plate - Load	4
19	354-66	Shaft - Idler	2
20	354-57	Gear - Drive	1
21	354-14	Pin - Dowel	2
22	354-15	Seal - Oil	1
23	354-53	Pump Body Assembly	1
24	354-52	Shaft - Drive	1
25	354-55	Plate Assembly (Incl. Ref. #26-30)	1
26	354-38	Ball - Valve	1
27	354-39	Spring - Compression	1
28	354-37	Adjuster - Valve	1
29	354-35	Gasket	1
30	354-36	Cap - Adjuster Valve	1



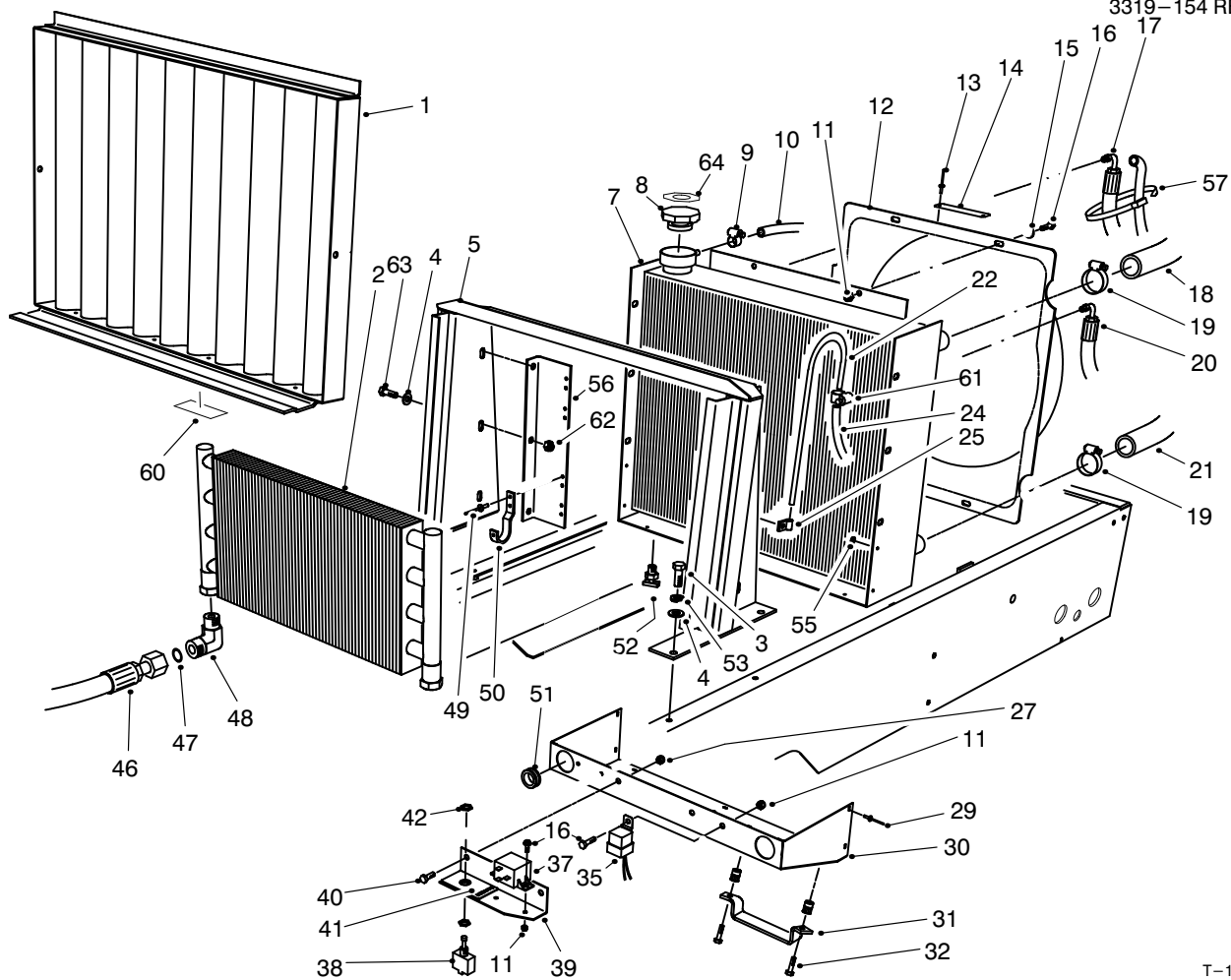
T-1053-1

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-4060	Screen - Radiator	1
2	75-1040	Cooler - Oil	1
3	322-5	Screw - Cap Hex. Hd.	4
4	3256-23	Washer - Flat	4
5	75-4260	Support - Radiator	1
7	82-2310	Radiator	1
8	66-3240	Cap - Radiator	1
9	92-2379	Clamp - Hose	1
10	75-2850	Hose - Expansion Tank	1
11	3296-42	Nut - Lock	7
12	75-4350	Shroud - Fan	1
13	3290-271	Rivet - Pop	2
14	76-8750	Plate - Caution	1
14	93-6681	Plate - Caution (Europe)	1
15	3256-22	Washer - Flat	4
16	321-4	Screw - Cap Hex. Hd.	7
17	75-6170	Hose - Hydraulic	1
18	75-2240	Hose - Radiator Upper	1
19	2412-34	Clamp - Hose	2
20	75-6150	Hose - Hydraulic	1
21	75-2260	Hose - Radiator Lower	1
22	66-3180	Tube - Vent	1
24	75-4701	Hose - Fuel Vent	1
25	2412-103	Clamp - R	2
27	3296-29	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
29	3269-13	Rivet - Pop	7
30	75-4310	Shield - Radiator	1
31	93-3626	Bracket - Hose	1
32	322-4	Screw - Cap Hex. Hd.	2
35	63-7590	Relay - Starter	1
37	66-8800	Relay - Glow Plug	1
38	75-1020	Switch - Backlap (Incl. Ref. #42)	1
39	75-3390	Bracket - Backlap	1
40	322-2	Screw - Cap Hex. Hd.	2
41	75-0750	Decal - Backlap Switch (US)	1
*	93-6684	Decal - Backlap Switch (Europe)	1
*	84-3260	Decal - Backlap Switch (Japan)	1
42	218-498	Nut - Lock	2
46	75-6140	Hose - Hydraulic R.H.	1
*	75-6160	Hose - Hydraulic L.H.	1
47	237-65	Seal - O-Ring	2
48	340-108	Fitting - Hydraulic 90° (Incl. Ref. #47)	2
49	3269-15	Rivet - Pop	8
50	75-0930	Hook - Oil Cooler	4
51	240-3	Grommet	2
52	304-46	Drain - Radiator	1

*Not Illustrated



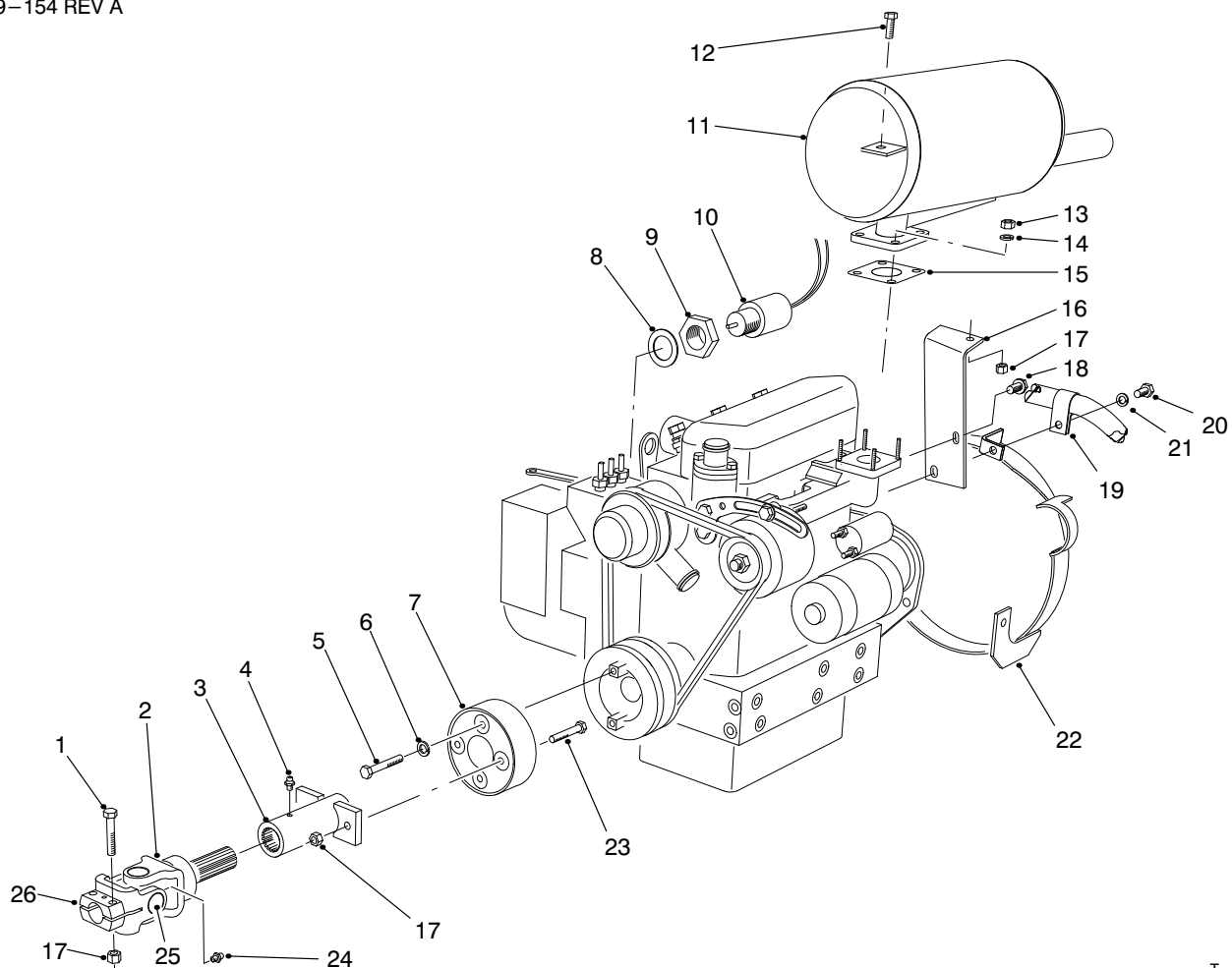
T-1053-1

RADIATOR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
53	3253-4	Washer - Lock	4
55	3269-10	Washer - Back-up	7
56	75-5180	Support Plate Assembly R.H. (Incl. Ref. #49 & 50)	1
*	75-5170	Support Plate Assembly L.H. (Incl. Ref. #49 & 50)	1
57	3290-378	Tie - Cable	1

Ref. No.	Part No.	Description	No. Used
60	83-7450	Decal - Down (US)	1
*	93-8056	Decal - Down (Europe)	1
*	84-3820	Decal - Down (Japan)	1
61	2412-108	Clamp - Hose	1
62	32128-20	Nut - Whiz	6
63	3234-5	Screw - Whiz Lock	6
64	93-7840	Decal - Radiator Cap (Europe)	1

*Not Illustrated



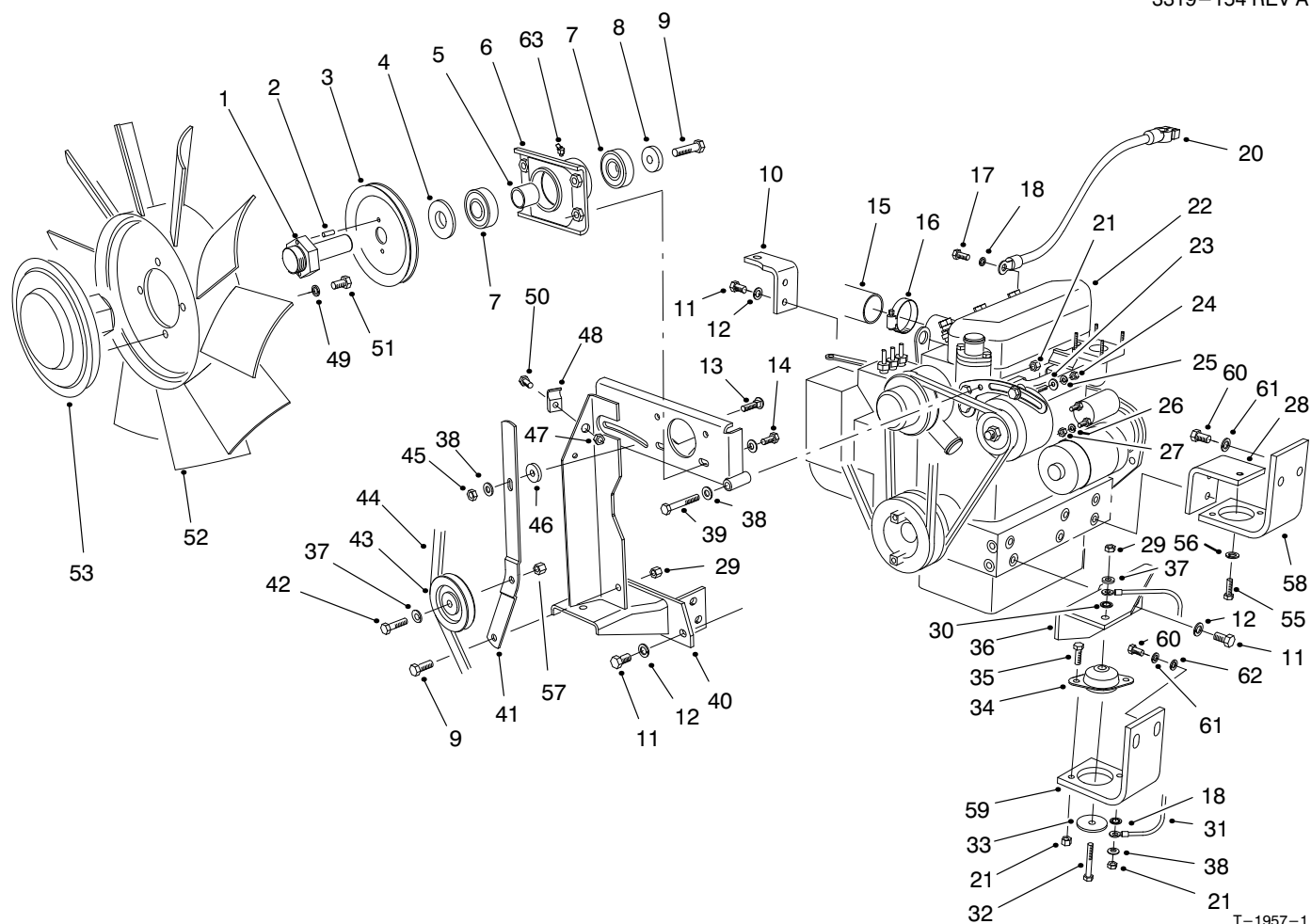
T-1054-1

MUFFLER & PUMP DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-9	Screw - Cap Hex. Hd.	2
2	75-6410	Yoke - Shaft	1
3	75-6420	Yoke - Slip Tube	1
4	302-58	Fitting - Grease	1
5	43-3220	Screw - Cap Hex. Hd.	2
6	48-9570	Washer - Lock	2
7	75-4630	Coupling - Driveshaft	1
8	43-2740	Gasket	1
9	43-2750	Nut - Lock	1
10	63-7440	Solenoid - Stop	1
11	75-1070	Muffler	1
*	75-6880	Screen - Spark Arrester (Optional)	1
12	322-4	Screw - Cap Hex. Hd.	1
13	48-7930	Nut - Lock	4

Ref. No.	Part No.	Description	No. Used
14	42-9850	Washer - Lock	4
15	42-9110	Gasket - Muffler	1
16	75-4490	Bracket - Muffler	1
17	3296-29	Nut - Lock	5
18	67-2340	Screw - Hex. Washer Hd.	1
19	2412-81	Clamp - R	1
20	43-0090	Screw - Cap Hex. Hd.	3
21	48-9590	Washer - Lock	1
22	75-0940	Guard - Flywheel	1
23	322-12	Screw - Cap Hex. Hd.	2
24	62-3820	Fitting - Grease	1
25	54-9180	Kit - U-Joint	1
26	54-9040	Yoke - End	1
*	94-0047	U-Joint Assembly (Incl. Ref. #2 & 24-26)	1

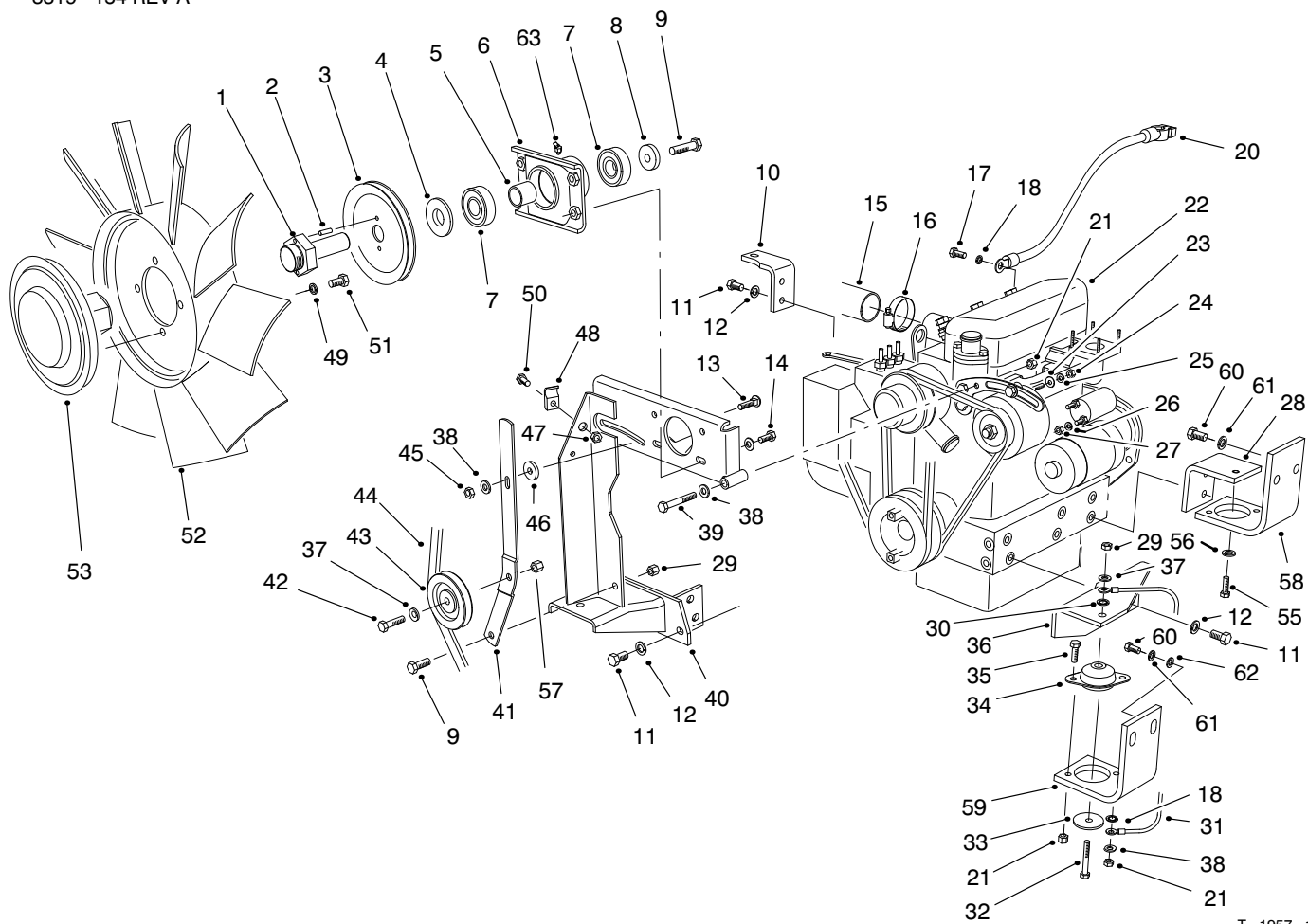
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ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-6380	Shaft - Fan	1
2	32121-2	Pin - Roll	2
3	75-6390	Pulley - Fan	1
4	47-0110	Spacer - Spindle	1
5	75-5310	Spacer - Bearing	1
6	75-4450	Hub - Fan Drive	1
7	251-318	Bearing - Ball	2
8	67-1630	Spacer - Fan	1
9	323-6	Screw - Cap Hex. Hd.	2
10	93-7045	Bracket - Engine R.H. Rear	1
11	63-7790	Screw - Cap Hex. Hd.	8
12	48-9590	Washer - Lock	10
13	3230-2	Bolt - Carriage	1
14	322-3	Screw - Cap Hex. Hd.	4
15	94-1896	Hose - Air Cleaner	1
16	2412-92	Clamp - Hose	1
17	48-7700	Screw - Cap Hex. Hd.	1
18	3255-8	Washer - Lock	2
20	75-1360	Cable - Battery (Ground)	1
21	3296-29	Nut - Lock	9
22	94-9432	Engine Assembly	1
23	5-3637	Washer - Flat	1
24	43-5970	Nut - Hex.	1
25	43-5920	Washer - Lock	1
26	42-9850	Washer - Lock	1
27	57-6390	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
28	93-7048	Bracket - Engine L.H. Rear	1
29	3296-39	Nut - Lock	4
30	3255-9	Washer - Lock E.T.L.W.	1
31	70-8220	Cable - Ground	1
32	323-11	Screw - Cap Hex. Hd.	3
33	63-7400	Washer - Flat	4
34	63-7140	Mount - Engine	4
35	322-5	Screw - Cap Hex. Hd.	8
36	93-7044	Bracket - Engine L.H. Front	1
37	3256-24	Washer - Flat	4
38	3256-23	Washer - Flat	5
39	322-11	Screw - Cap Hex. Hd.	1
40	93-7049	Bracket - Fan	1
41	63-6720	Bracket - Fan Idler	1
42	323-7	Screw - Cap Hex. Hd.	1
43	63-8140	Pulley - Idler	1
44	75-1380	Belt - V	1
45	32149-1	Nut - Lock	1
46	27-9560	Spacer	1
47	3296-42	Nut - Lock	1
48	3-6657	Clamp - Cable	1
49	3253-4	Washer - Lock	4
50	321-4	Screw - Cap Hex. Hd.	1
51	322-2	Screw - Cap Hex. Hd.	4
52	75-3780	Fan	1
53	74-5520	Clutch - Fan	1

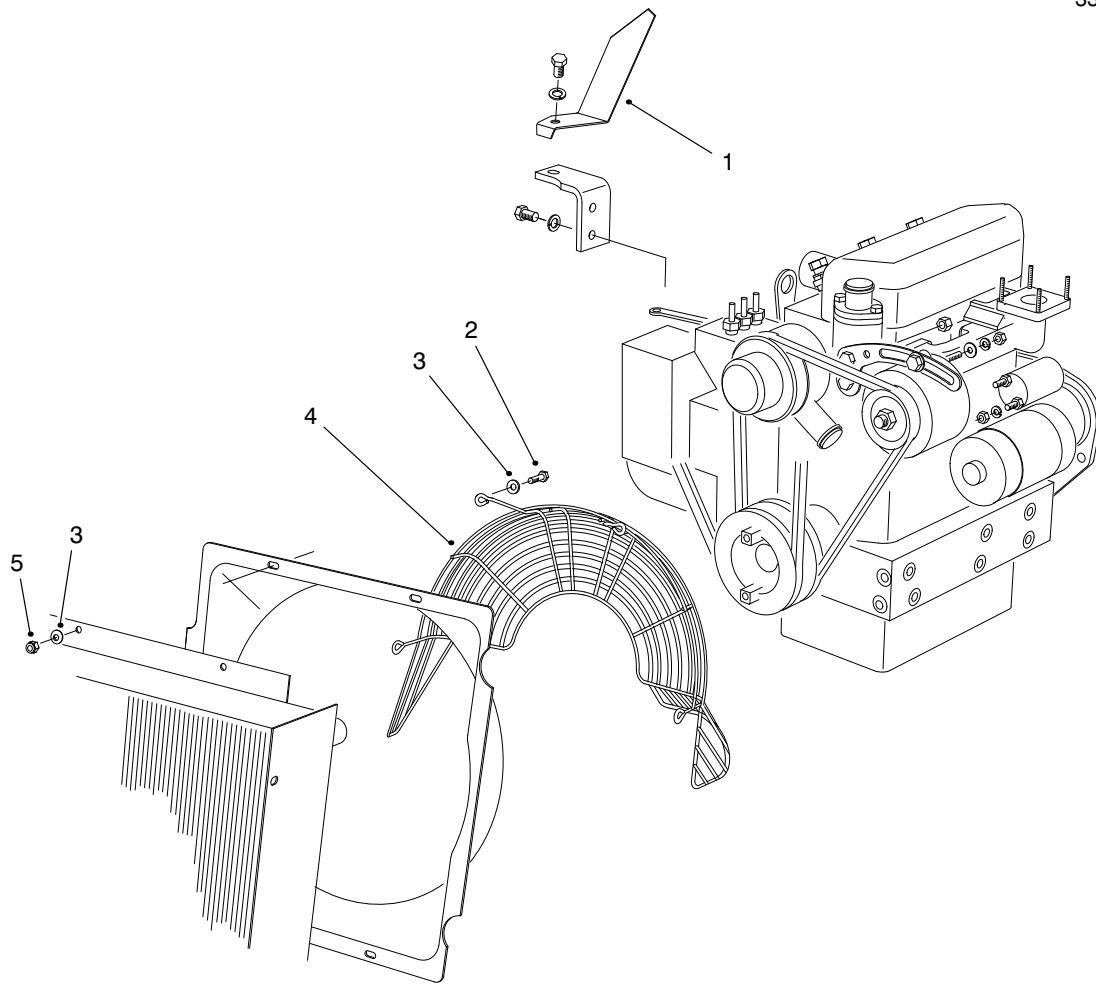


T-1957-1

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
55	323-9	Screw – Cap Hex. Hd.	1
56	3253-21	Washer – Lock	1
57	3296-59	Nut – Lock	1
58	63-6360	Bracket – Engine Rear	1
*	63-6361	Bracket – Engine Rear	1

Ref. No.	Part No.	Description	No. Used
59	63-6362	Bracket – Engine Front	2
60	3213-2	Screw – Cap Hex. Hd.	8
61	3253-7	Washer – Lock	8
62	3256-40	Washer – Flat	4
63	302-10	Fitting – Grease 45°	1



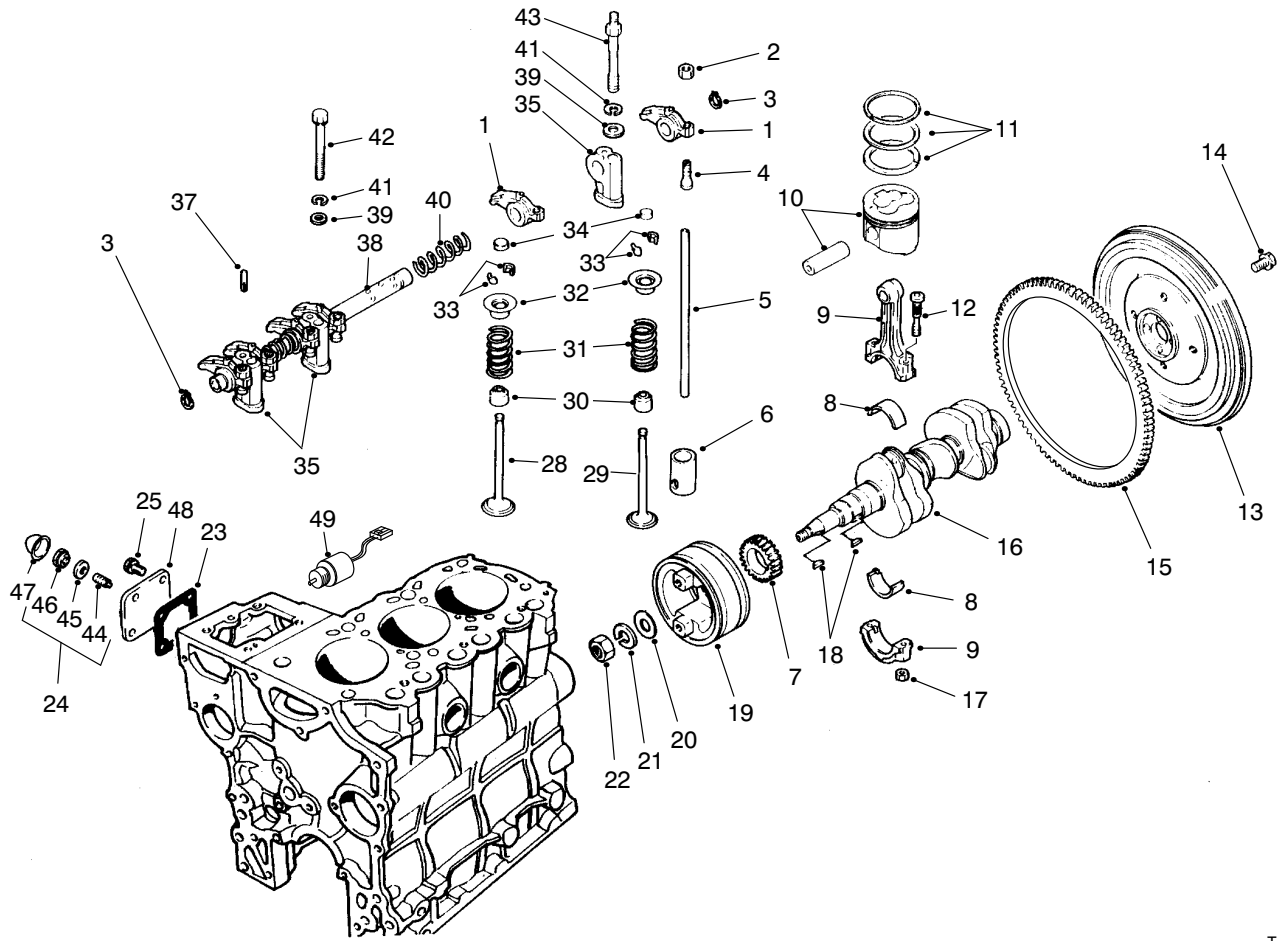
T-2016-1

FAN GUARD & FLYWHEEL SHIELD ASSEMBLY (Europe)

Ref. No.	Part No.	Description	No. Used
1	93-9945	Shield – Flywheel	1
2	321-6	Screw – Cap Hex. Hd.	4
3	3256-22	Washer – Flat	8

Ref. No.	Part No.	Description	No. Used
4	93-7182	Guard – Fan	1
5	3296-42	Nut – Lock	4

*Not Illustrated



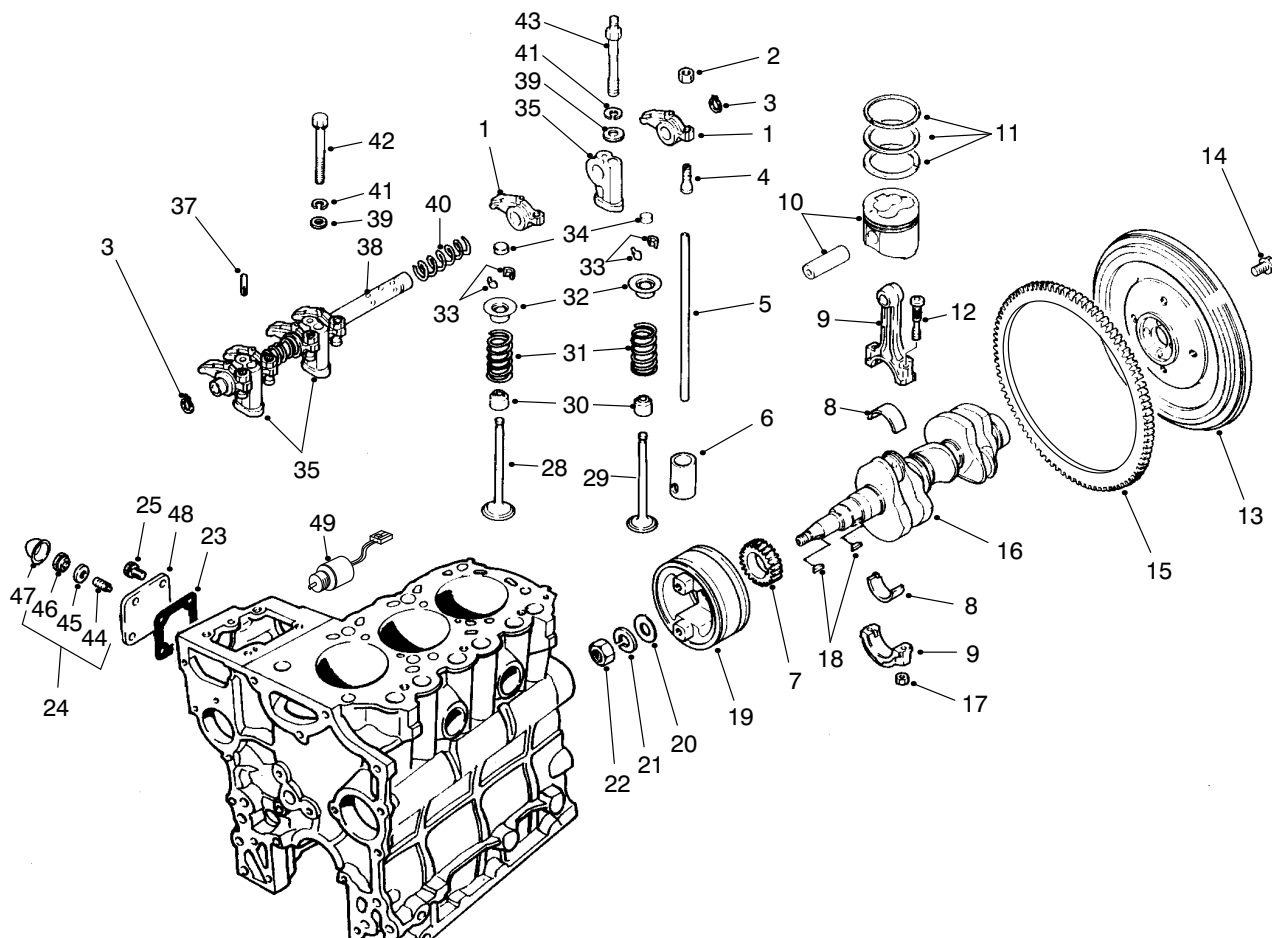
T-0565-1

VALVES AND CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3160	Arm-Rocker	6
2	67-3230	Nut - Jam	6
3	67-3240	Snap Ring	2
4	67-3210	Screw - Adjusting	6
5	67-3150	Rod-Push	6
6	67-3120	Tappet	6
7	67-2910	Gear	1
8	75-5010	Bearing Set STD	3
*	67-2890	Bearing Set 0.25 mm US	3
*	67-2900	Bearing Set 0.50 mm US	3
9	67-2850	Connecting Rod Assembly (Incl. Ref. #12 & 17)	3
10	75-5080	Piston & Pin Set STD	3
*	75-5090	Piston & Pin Set 0.25 mm OS	3
*	75-5100	Piston & Pin Set 0.50 mm OS	3
11	75-5050	Ring Set STD	3
*	75-5060	Ring Set 0.25 mm OS	3
*	75-5070	Ring Set 0.50 mm OS	3
12	67-2860	Bolt	6
13	67-2970	Flywheel Assembly (Incl. Ref. #14)	1

Ref. No.	Part No.	Description	No. Used
14	67-2990	Bolt	4
15	67-2980	Gear - Ring	1
16	92-0845	Crankshaft	1
17	42-9590	Nut	6
18	56-0480	Key - Woodruff	2
19	67-2930	Pulley - Crankshaft	1
20	67-2950	Washer	1
21	67-2960	Washer - Lock	1
22	67-2940	Nut - Jam	1
23	67-4310	Gasket	1
24	75-5110	Cover Assembly (Incl. Ref. #44-46)	1
25	42-9440	Bolt W/Washer	4
28	67-3130	Valve - Intake	3
29	67-3140	Valve - Exhaust	3
30	92-1961	Seal	6
31	67-3110	Spring	6
32	67-3100	Retainer	6
33	42-7860	Lock	12
34	67-3180	Cap	6
35	67-3200	Stay - Rocker	3
37	67-3220	Pin	1
38	67-3190	Rocker Shaft Assembly	1

*Not Illustrated

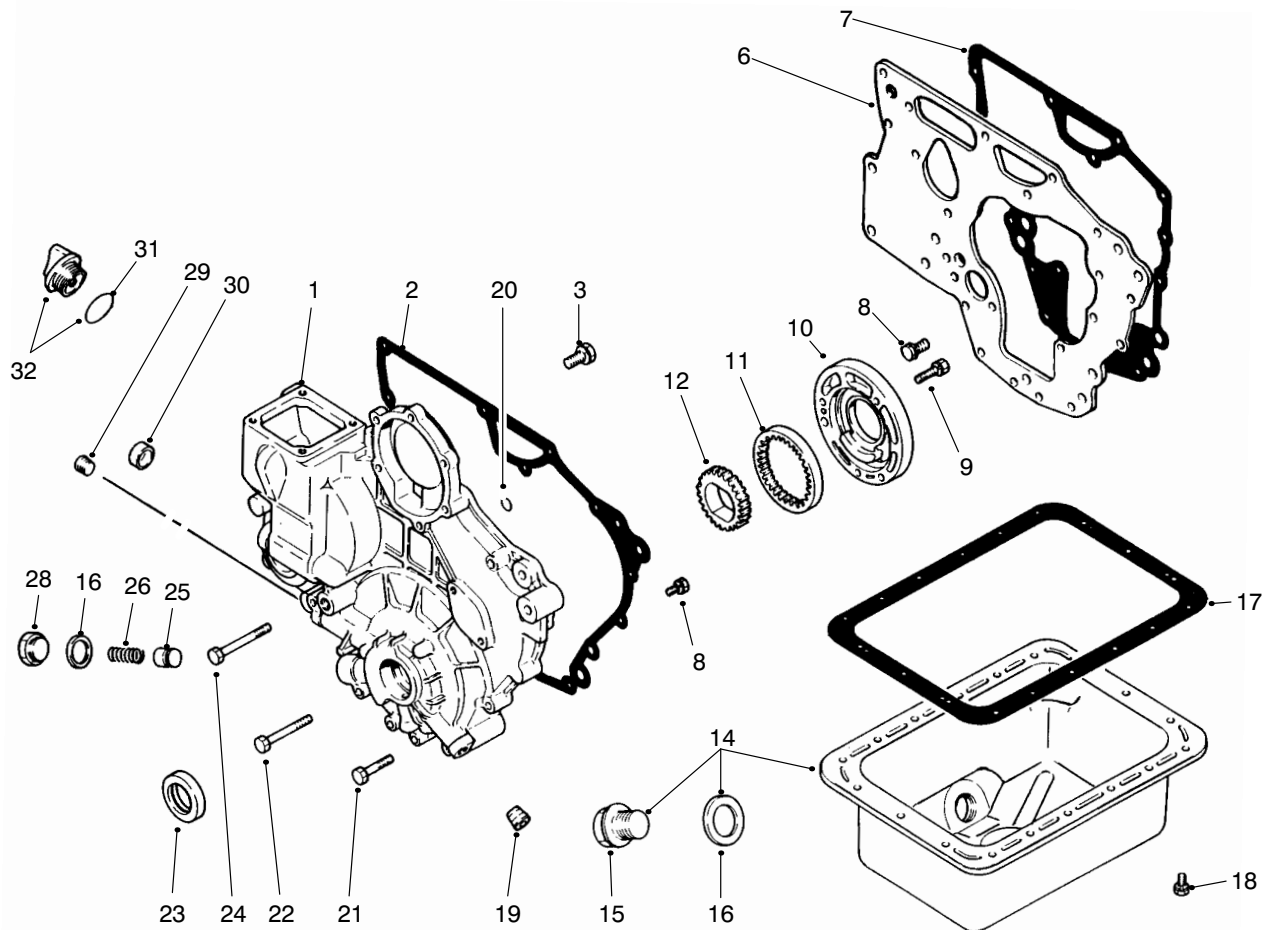


T-0565-1

VALVES AND CRANKSHAFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
39	42-9660	Washer	3
40	67-3170	Spring	2
41	67-3260	Washer	3
42	42-9510	Bolt	1
43	67-3250	Bolt-Rocker Stay	2
44	43-3160	Screw - Adjusting	1

Ref. No.	Part No.	Description	No. Used
45	75-5120	Gasket	1
46	43-5960	Nut - Special	1
47	43-2820	Cap - Sealing	1
48	67-4250	Cover - Tie Rod	1
49	63-7440	Solenoid - ETR Stop	1



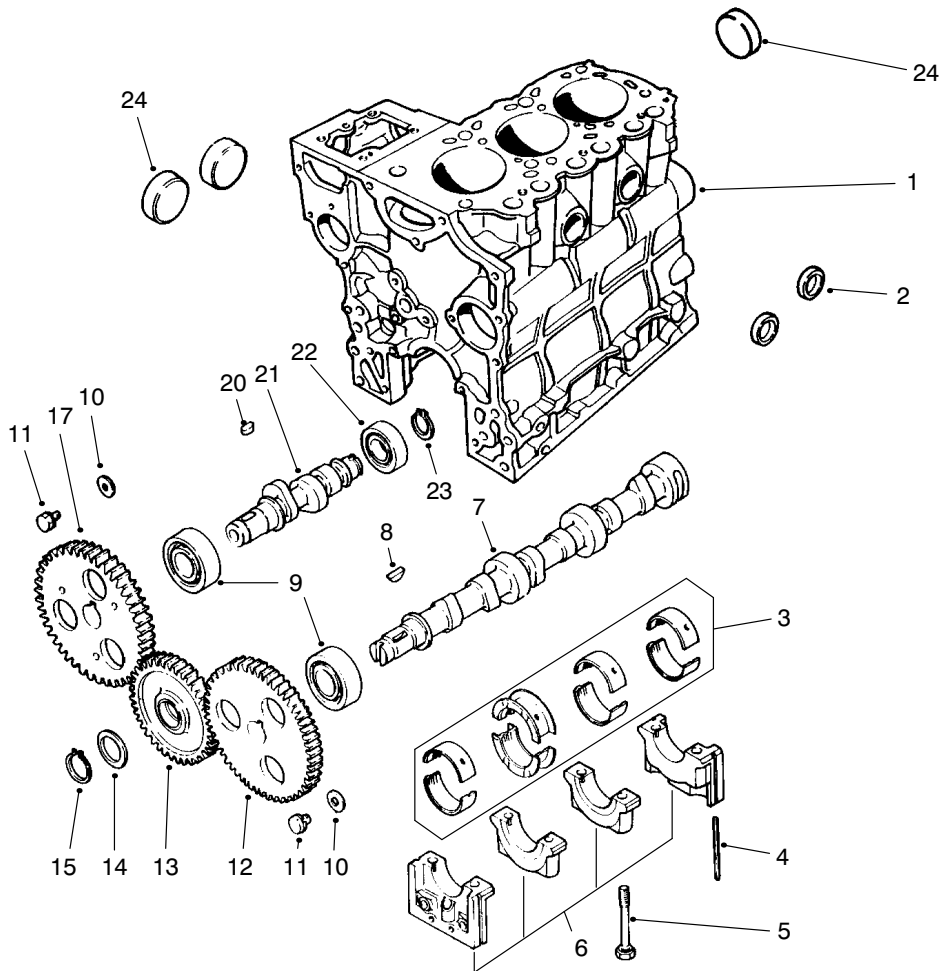
T-0567-1

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-1259	Gear Case Assembly	1
2	67-2580	Gasket - Case	1
3	67-2340	Bolt W/Washer	3
6	67-2310	Plate - Front	1
7	67-2320	Gasket - Plate	1
8	42-9440	Bolt W/Washer	11
9	67-2560	Bolt W/Washer	3
10	67-2550	Housing - Oil Pump	1
11	67-2540	Gear - Outer	1
12	67-2530	Gear - Inner	1
14	75-4910	Oil Pan Assembly (Incl. Ref. #15-16)	1
15	42-9260	Plug - Drain	1
16	42-7290	Gasket - Drain	2
17	67-2480	Gasket - Oil Pan	1
18	42-9490	Bolt W/Washer	18

Ref. No.	Part No.	Description	No. Used
19	42-7210	Plug - Taper	1
20	67-2630	Seal - O-Ring	2
21	67-2600	Bolt	3
22	67-2610	Bolt	4
23	67-2590	Seal - Oil	1
24	67-2620	Bolt	1
25	67-2500	Plunger - Relief	1
26	67-2510	Spring - Relief	1
28	67-2520	Plug	1
29	67-2570	Plug - Taper	1
30	67-2640	Cap	1
31	67-2660	Seal - O-Ring	1
32	67-2650	Oil Fill Cap Assembly (Incl. Ref. #31)	1
*	75-5040	Gasket Kit	1

*Not Illustrated



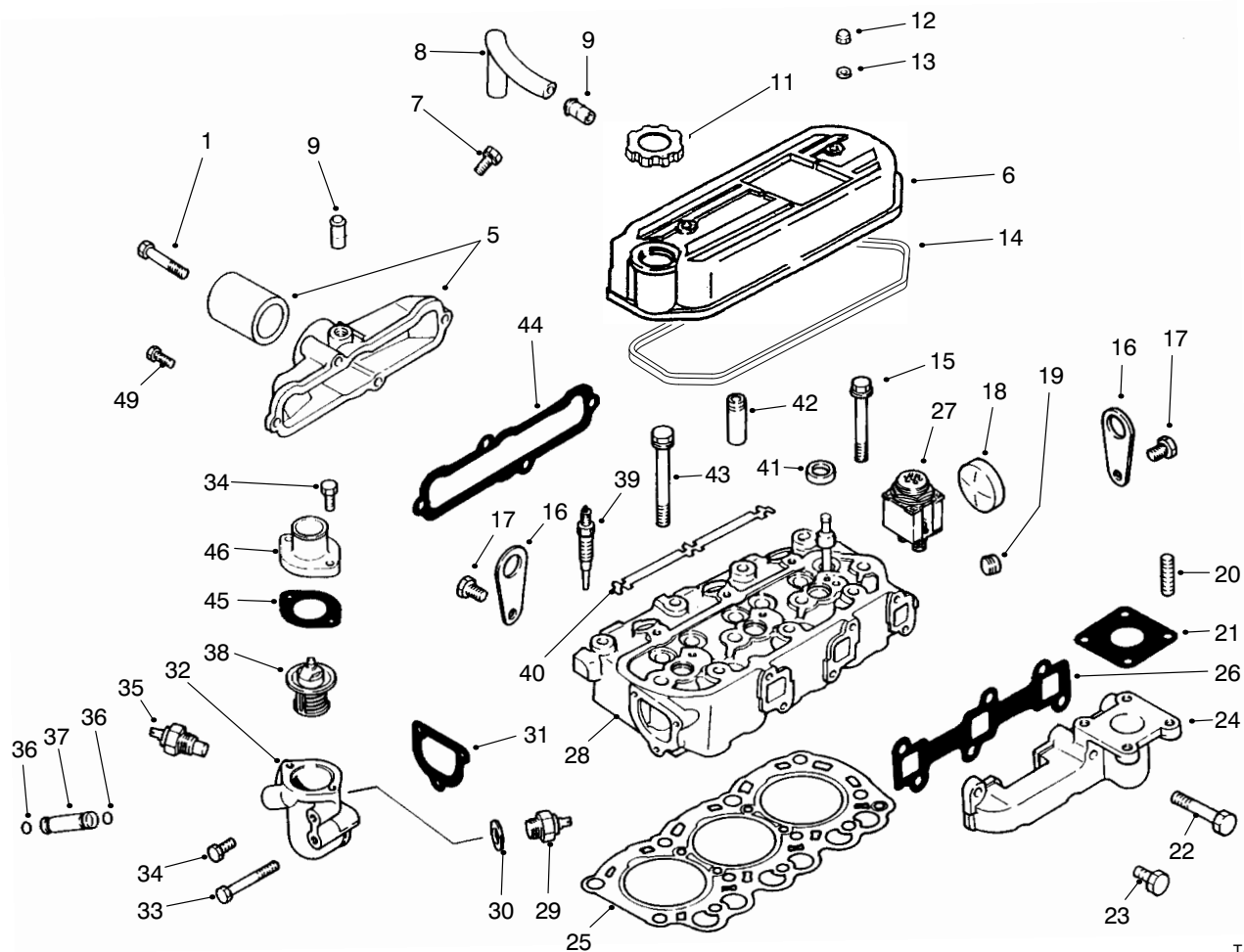
T-0564-1

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-1257	Block Assembly (Incl. Ref. #2, 5, 6 & 24)	1
2	42-7080	Cap	2
3	75-4900	Bearing Set STD	1
*	67-2410	Bearing Set 0.25 mm US	1
*	67-2420	Bearing Set 0.50 mm US	1
4	67-2200	Seal	4
5	67-2250	Bolt	8
6		Cap Assembly	1
7	67-3010	Cam Shaft	1
8	56-0480	Key - Woodruff	1
9	67-3030	Bearing	2

Ref. No.	Part No.	Description	No. Used
10	67-3000	Washer	2
11	42-9490	Bolt W/Washer	2
12	67-3020	Gear	1
13	67-3090	Gear Assembly	1
14	67-3040	Plate	1
15	56-1060	Snap Ring	1
17	67-3070	Gear	1
20	42-7840	Key	1
21	67-3060	Shaft	1
22	67-3050	Bearing	1
23	67-3080	Snap Ring	1
24	56-0020	Plug	3

*Not Illustrated

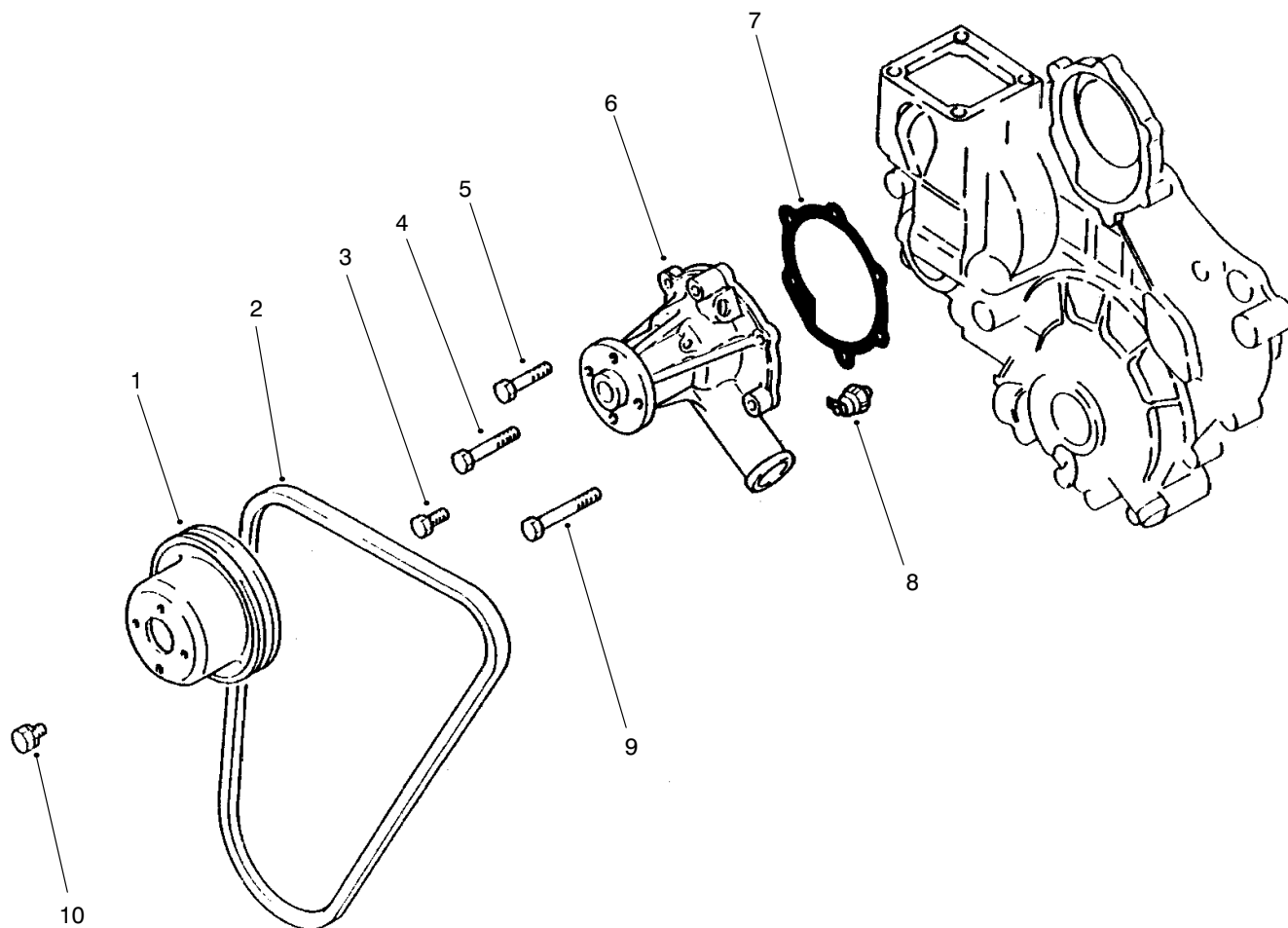


T-0566-1

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2
5	94-3533	Cover Assembly (Incl. Ref. #9)	1
6	92-0846	Asm-Cover (Incl. Ref. #9)	1
7	42-9430	Bolt W/Washer	1
8	67-2670	Hose - Breather	1
9	42-7510	Pipe	2
11	92-0847	Cap - Oil Filler	1
12	67-2770	Nut - Cap	2
13	67-2780	Washer	2
14	67-2760	Gasket	1
15	67-2740	Bolt - Flange	3
16	67-2680	Hanger - Engine	2
17	67-2340	Bolt W/Washer	4
18	56-0020	Plug - Expansion	1
19	67-2570	Plug - Taper	1
20	42-9570	Stud	4
21	42-9110	Gasket	1
22	67-4580	Bolt	2
23	67-4590	Bolt	4
24	67-4560	Manifold - Exhaust	1
25	94-1258	Gasket - Cylinder Head	1

Ref. No.	Part No.	Description	No. Used
26	67-4570	Gasket - Exhaust Manifold	1
27	67-4700	Lamp - Glow	1
28	75-4930	Cylinder Head Assembly (Incl. Ref. #18, 41 & 42)	1
29	67-4500	Switch - Thermo	1
30	67-4490	Gasket	1
31	67-4460	Gasket - Switch	1
32	67-4450	Fitting - Thermostat	1
33	67-4470	Bolt	1
34	67-2330	Bolt	4
35	67-4510	Gauge Nut - Temperature	1
36	43-2710	Seal - O-Ring	2
37	67-4480	Pipe - By-Pass	1
38	67-4440	Thermostat	1
39	67-4680	Plug - Glow	3
40	67-4690	Plate - Glow Plug	1
41	67-2710	Cap - Sealing	3
42	67-2700	Guide - Valve	6
43	67-2730	Bolt	8
44	67-4550	Gasket-Intake Manifold	1
45	67-4430	Gasket - Fitting	1
46	67-4420	Fitting - Water	1
49	67-2330	Bolt	2

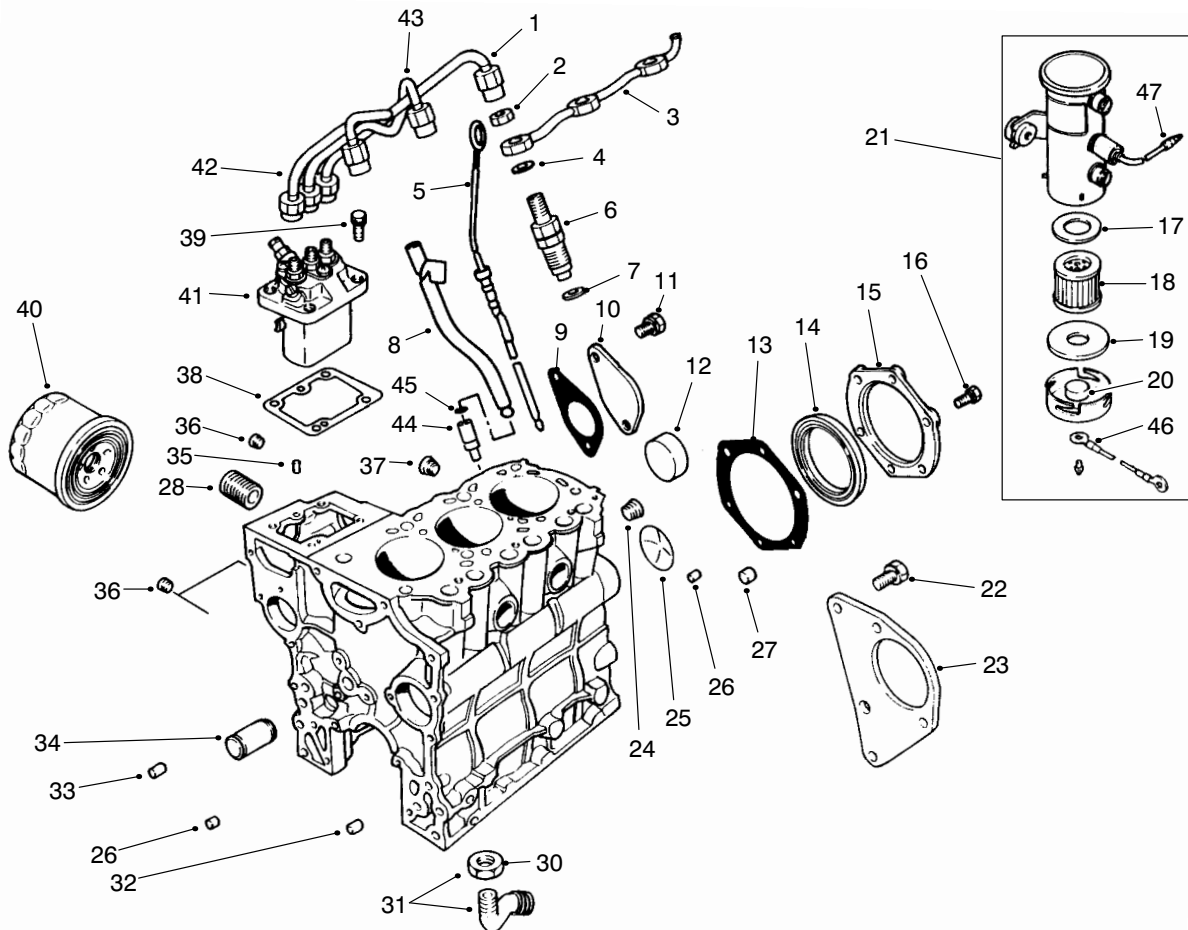


T-0568-1

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4360	Pulley - Water Pump	1
2	67-4410	V-Belt	1
3	67-2330	Bolt	2
4	67-4400	Bolt	1
5	67-2600	Bolt	1

Ref. No.	Part No.	Description	No. Used
6	67-4380	Water Pump Assembly	1
7	67-4390	Gasket - Water Pump	1
8	67-4350	Switch - Oil Pressure	1
9	67-2610	Bolt	2
10	42-9490	Bolt W/Washer	4



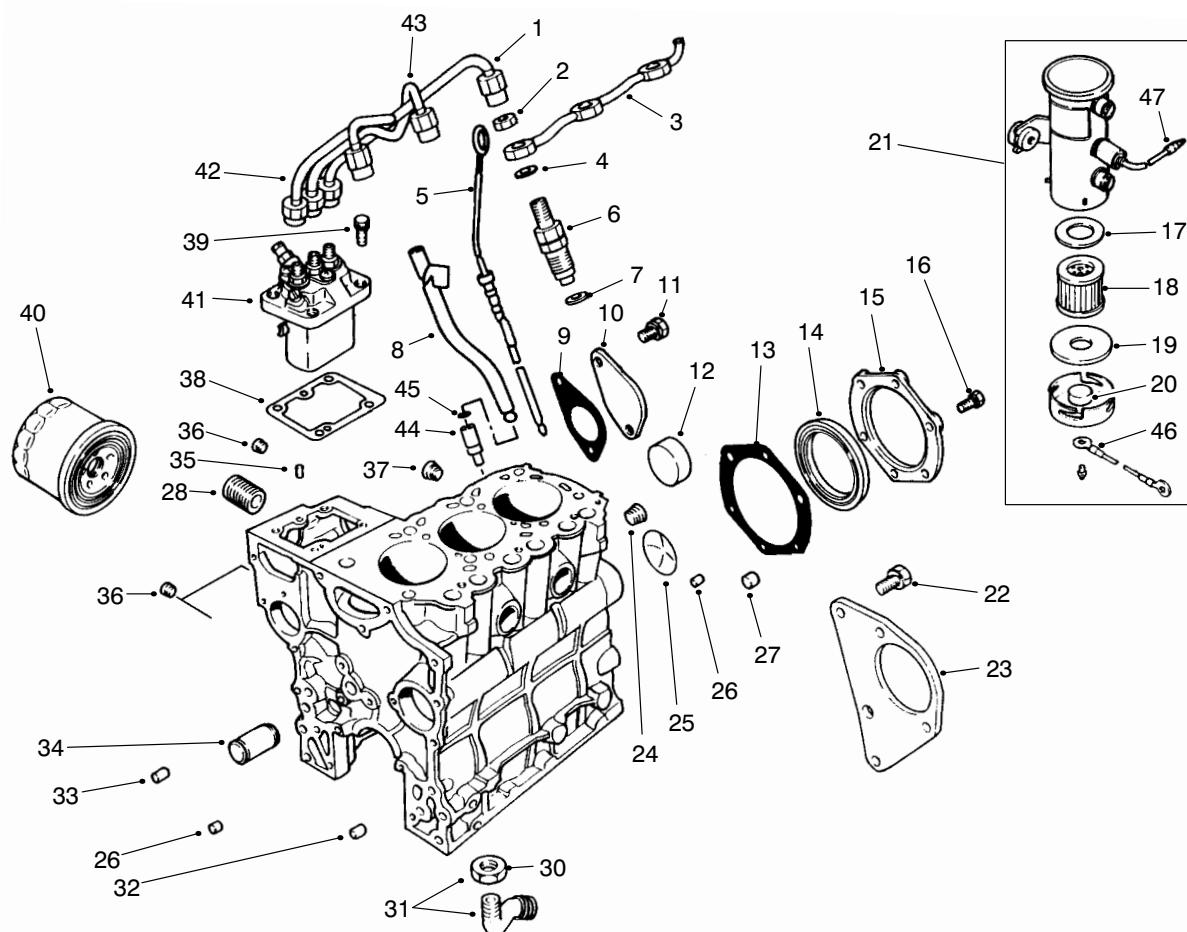
T-0569-2

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3420	Pipe Assembly #3	1
2	67-3430	Nut	3
3	70-8700	Pipe - Fuel Return	1
4	67-3440	Gasket	3
5	70-8880	Dipstick	1
6	67-3380	Nozzle & Holder Assembly	1
7	67-3390	Gasket - Nozzle Holder	3
8	70-8870	Guide - Oil Level	1
9	67-2300	Gasket	1
10	67-2290	Cover	1
11	67-2340	Bolt W/Washer	2
12	56-0020	Plug - Expansion	3
13	67-2280	Gasket - Seal Oil	1
14	67-2230	Seal - Oil	1
15	67-2270	Case - Oil Seal	1
16	67-2330	Bolt	6
17	43-2570	Gasket - Coil Side	1
18	43-2550	Filter	1
19	43-2560	Gasket - Side Cover	1
20	43-2580	Magnet	1
21	53-8150	Pump Assembly (Incl. Ref. #17-20)	1

Ref. No.	Part No.	Description	No. Used
22	67-2440	Bolt W/Washer	3
23	67-2430	Bracket - Starter	1
24	67-2390	Plug - Taper	1
25	67-2350	Plug - Expansion	1
26	67-2360	Bushing - Knock	2
27	67-2380	Bushing - Knock	3
28	56-1230	Shaft - Oil Filter	1
30	42-9650	Nut - Jam	1
31	67-4340	Screen Assembly (Incl. Ref. #30)	1
32	67-2370	Bushing - Knock	1
33	42-7190	Bushing - Knock	2
34	67-2260	Shaft - Idler	1
35	56-0220	Pin - Dowel	2
36	67-2210	Plug - Taper	3
37	56-0100	Plug - Taper	1
38	67-3280	Shim 0.2 mm	1
*	67-3290	Shim 0.3 mm	1
*	67-3300	Shim 0.5 mm	1
*	67-3310	Shim 0.4 mm	1
*	67-3320	Shim 0.6 mm	1

*Not Illustrated



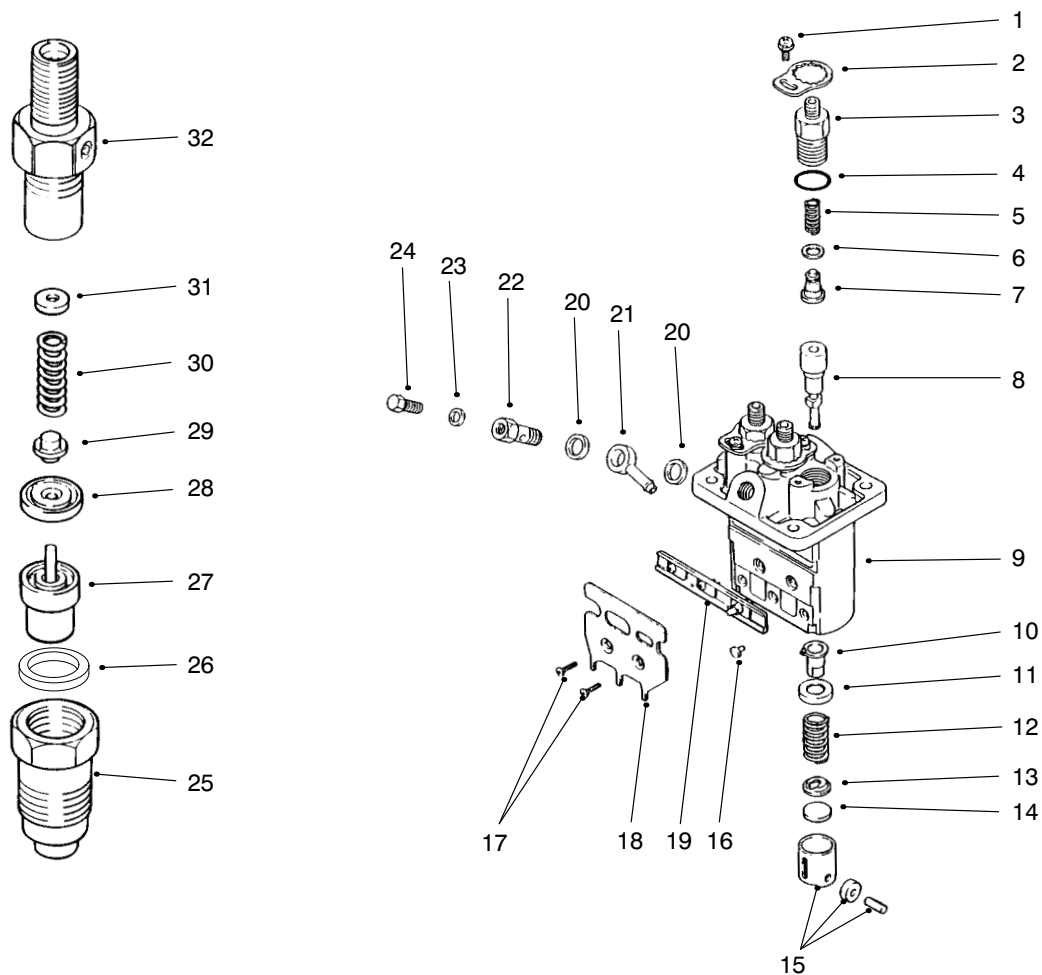
T-0569-2

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
38	67-3330	Shim 0.7 mm	1
*	67-3340	Shim 0.8 mm	1
*	67-3350	Shim 0.9 mm	1
*	67-3360	Shim 1.0 mm	1
39	67-3370	Bolt W/Washer	4
40	67-4330	Oil Filter Assembly	1
41	75-5020	Injector Pump Assembly	1

Ref. No.	Part No.	Description	No. Used
42	67-3400	Pipe Assembly #1	1
43	67-3410	Pipe Assembly #2	1
44	72-6950	Retainer - Oil Guide	1
45	43-2710	O-Ring	1
46	70-8530	Wire - Fuel Pump	1
47	218-579	Wire - Fuel Pump	1

*Not Illustrated



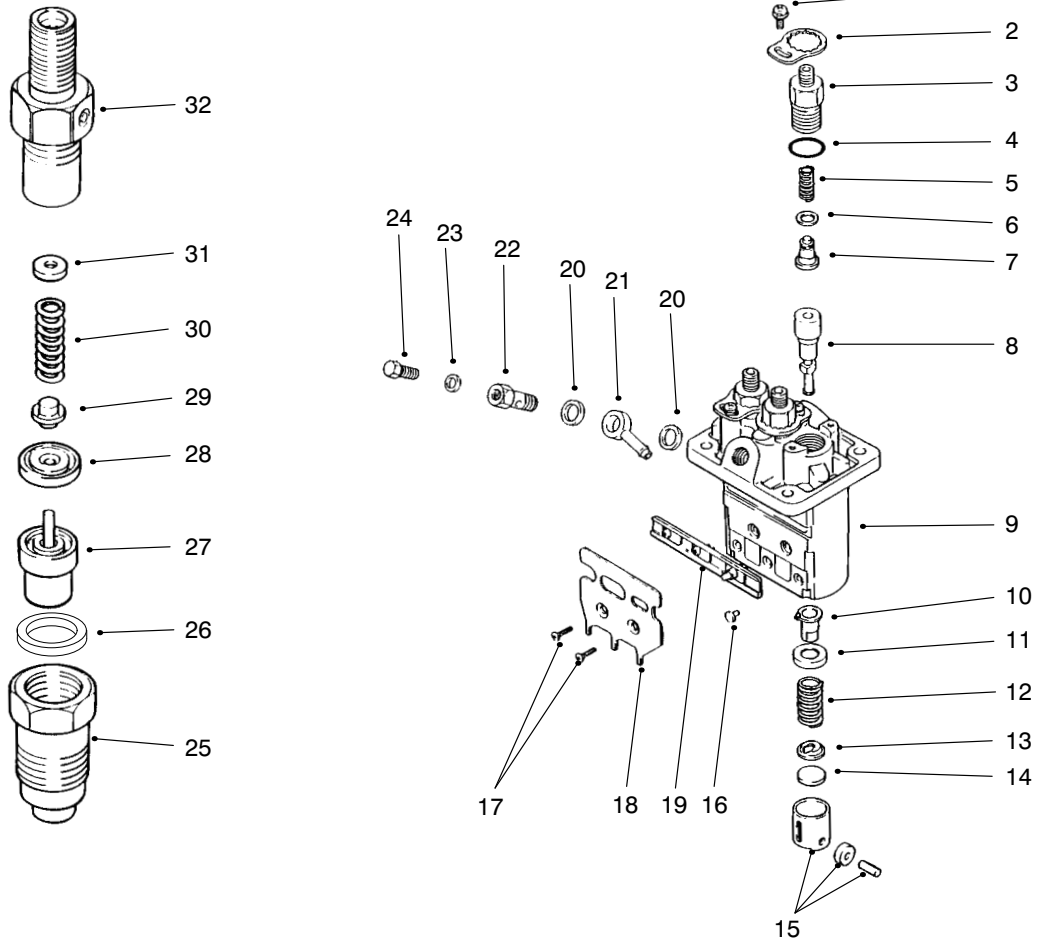
T-0570-3

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3770	Screw W/Washer	3
2	67-3760	Plate - Lock	3
3	67-3740	Holder - Delivery Valve	3
4	67-3480	Seal - O-Ring	3
5	67-3490	Spring	3
6	42-8240	Gasket	3
7	67-3500	Valve	3
8	75-4970	Element	3
9	67-3460	Housing - Pump	1
10	67-3520	Sleeve	3
11	67-3530	Seat - Spring Upper	3
12	67-3540	Spring	3
13	67-3550	Seat - Spring Lower	3
14	67-3560	Plate - Shim 1.85 mm	1
*	67-3570	Plate - Shim 1.9 mm	1
*	67-3580	Plate - Shim 1.95 mm	1
*	67-3590	Plate - Shim 2.0 mm	1
*	67-3600	Plate - Shim 2.05 mm	1
*	67-3610	Plate - Shim 2.1 mm	1
*	67-3620	Plate - Shim 2.15 mm	1
*	67-3630	Plate - Shim 2.2 mm	1
*	67-3640	Plate - Shim 2.25 mm	1
*	67-3650	Plate - Shim 2.3 mm	1
*	67-3660	Plate - Shim 2.35 mm	1
*	67-3670	Plate - Shim 2.4 mm	1
*	67-3680	Plate - Shim 2.45 mm	1
*	67-3690	Plate - Shim 2.5 mm	1

*Not Illustrated

Ref. No.	Part No.	Description	No. Used
15	67-3700	Tappet	3
16	67-3810	Pin - Tappet Guide	3
17	67-3790	Screw	2
18	67-3800	Bracket - Wire Stop	1
19	67-3780	Rack	1
20	67-3750	Washer	2
21	67-3740	Nipple - Swivel	1
22	67-3730	Screw	1
23	67-3720	Washer	1
24	67-3710	Screw - Air Bleed	1
25	67-3970	Nut - Retaining	3
26	67-3980	Gasket	1
27	67-3960	Nozzle	3
28	67-3950	Piece - Distance	3
29	67-3940	Pin - Pressure	3
30	67-3930	Spring	3
31	67-3830	Washer 1.25 mm	1
*	67-3840	Washer 1.3 mm	1
*	67-3850	Washer 1.35 mm	1
*	67-3860	Washer 1.4 mm	1
*	67-3870	Washer 1.45 mm	1
*	67-3880	Washer 1.5 mm	1
*	67-3890	Washer 1.55 mm	1
*	67-3900	Washer 1.6 mm	1
*	67-3910	Washer 1.65 mm	1
*	67-3920	Washer 1.7 mm	1



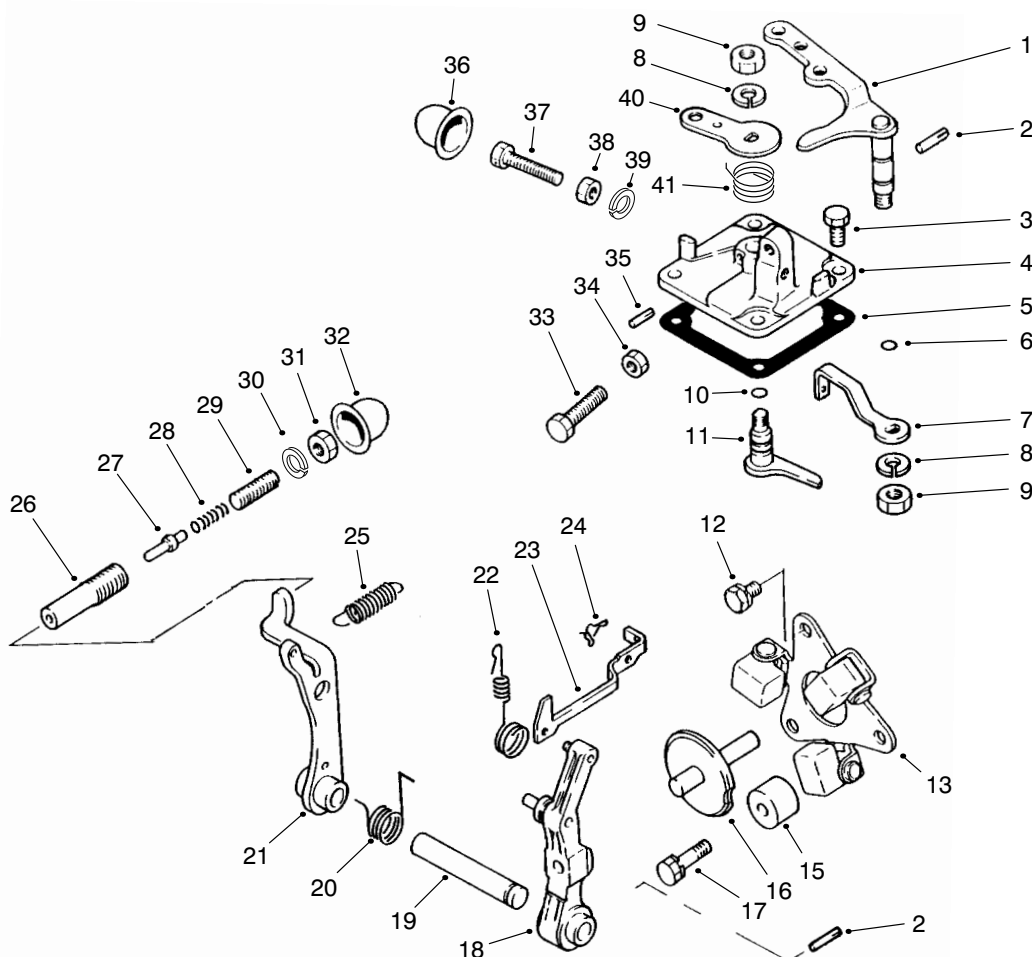
T-0570-3

FUEL INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
32 *	75-5000 75-5020	Body Injector Pump Assembly (Incl. Ref. #1-24)	3 1

Ref. No.	Part No.	Description	No. Used
* *	67-3380	Nozzle & Holder Assembly (Incl. Ref. #25-32)	3

*Not Illustrated



T-0571-2

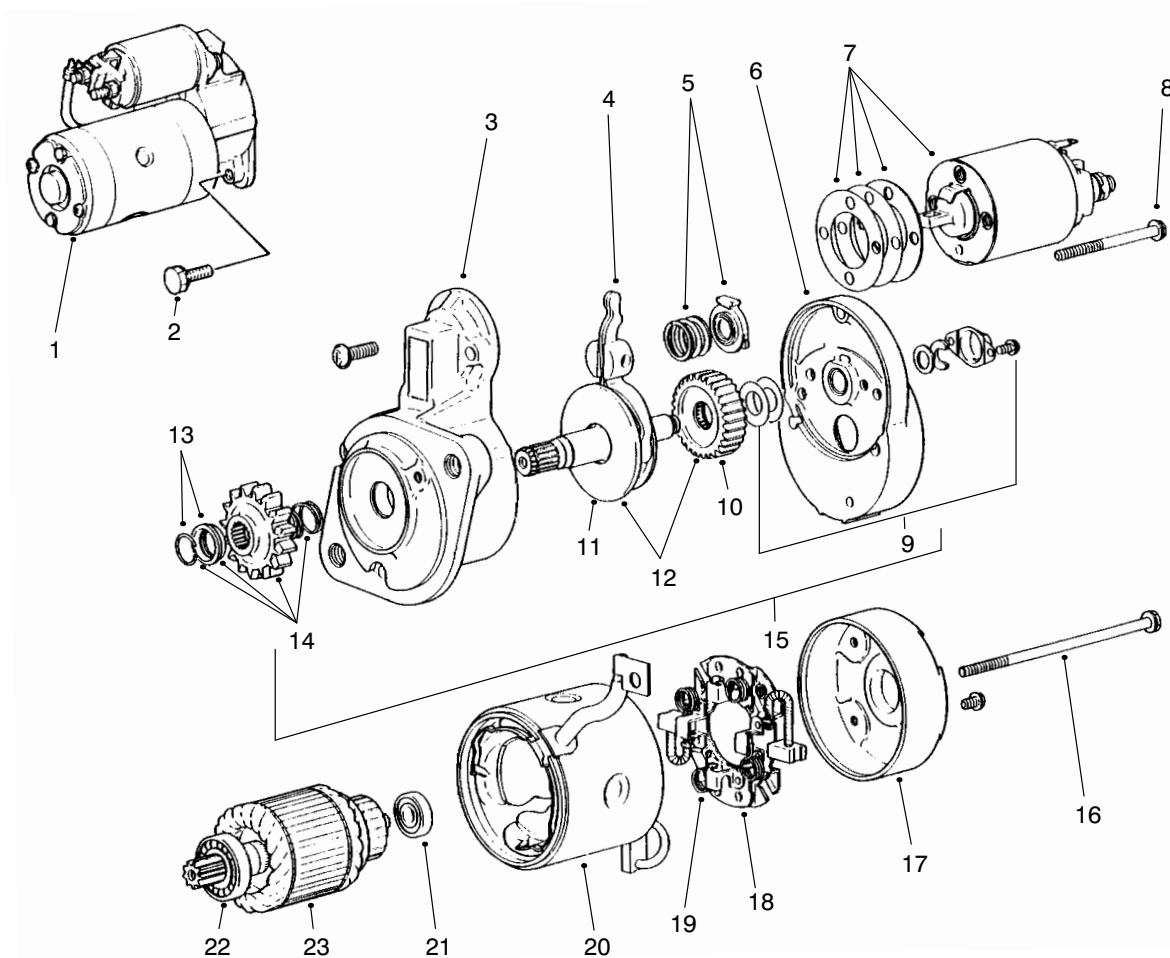
GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3990	Lever - Speed Control	1
2	67-4000	Pin	2
3	67-4270	Bolt	4
†4		Cover - Governor	1
5	67-4160	Gasket	1
6	42-8830	Seal - O-Ring	1
7	75-4980	Lever - Governor Spring	1
8	67-3260	Washer	2
9	42-9640	Nut - Jam	2
10	42-8830	Seal - O-Ring	1
11	67-4140	Lever - Stop	1
12	42-9430	Bolt W/Washer	2
13	67-4040	Weight Assembly	1
15	67-4010	Stopper	1
16	67-4070	Shaft - Sliding	1
17	67-4280	Bolt W/Washer	1
18	67-4060	Lever - Governor	1
19	67-4050	Shaft - Governor	1
20	67-5040	Spring	1
21	67-4090	Lever - Tension	1
22	70-8720	Spring - Tie Rod	1

Ref. No.	Part No.	Description	No. Used
23	67-4030	Rod - Tie	1
24	67-4080	Clip	1
25	75-4990	Spring - Governor	1
†26		Case - Torque Set	1
†27		Stopper - Torque Set	1
†28		Spring - Torque Set	1
†29		Screw - Adjusting	1
†30		C-Ring - Torque Set	1
†31		Nut - Torque Set	1
†32		Cover - Torque Set	1
33	95-9605	Bolt - High Speed Set	1
34	67-4290	Nut	1
35	67-4120	Pin - Grooved	1
†36		Cover - High Speed Set	1
†37		Bolt - High Speed Set	1
†38		Nut - High Speed Set	1
†39		C-Ring - High Speed Set	1
40	67-4150	Lever - Stop	1
41	94-3827	Spring - Return	1
*†		Torque Spring Set (Incl. Ref. #26-29 & 31)	1

*Not Illustrated

†Item must be serviced by a Mitsubishi Authorized Toro Dealer/Distributor.

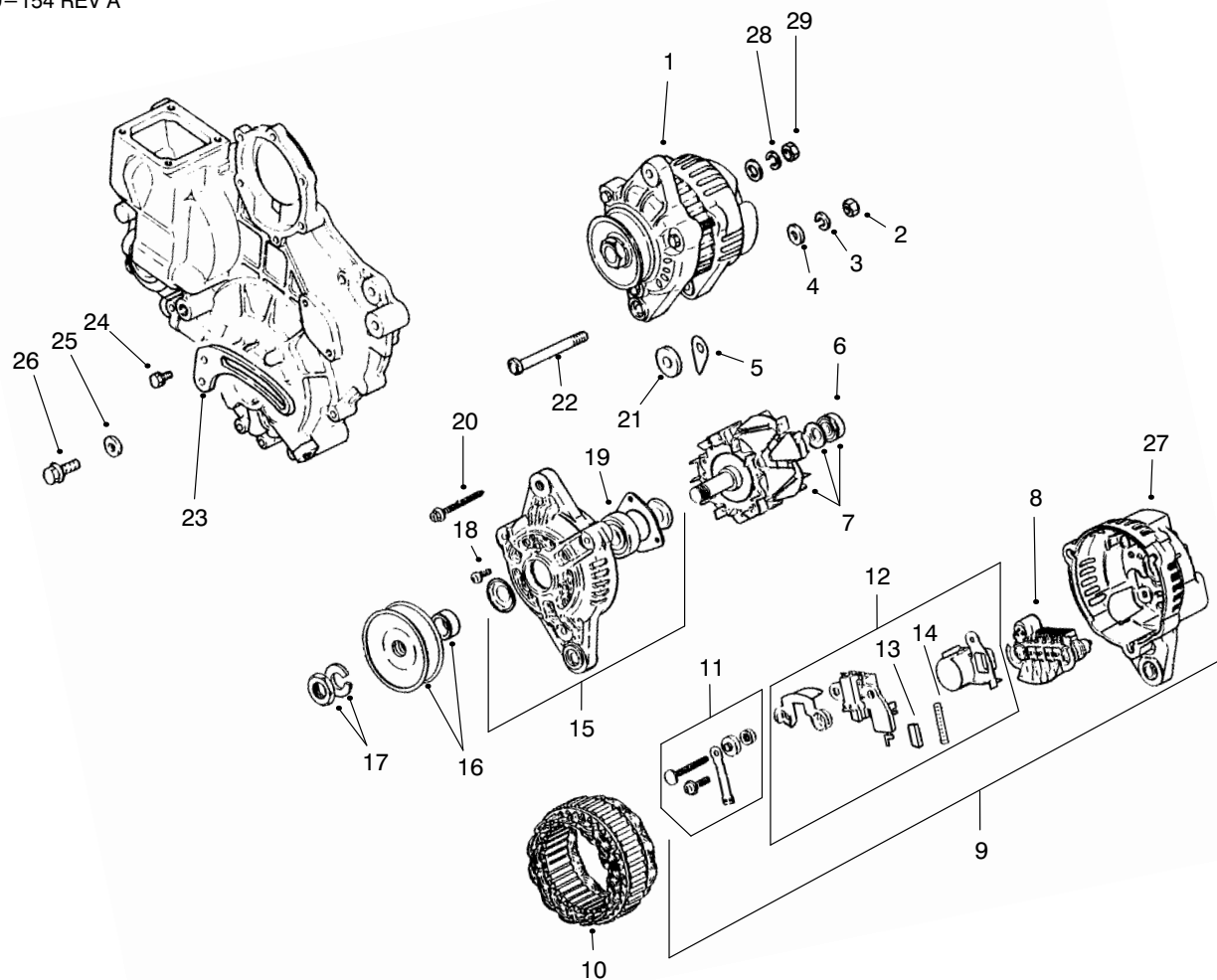


T-0572-1

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-8760	Starter Assembly (Incl. Ref. #3-23)	1
2	67-4610	Bolt W/Washer	2
3	70-8770	Bracket - Front	1
4	67-4720	Lever	1
5	67-4730	Spring Set	1
6	70-8780	Bracket - Center	1
7	67-4750	Switch	1
8	56-1570	Bolt Set	1
9	56-1680	Cover Set	1
10	56-1670	Gear	1
11	67-4790	Shaft	1
12	67-4780	Gear Set (Incl. Ref. #10 & 11)	1
13	56-1640	Stopper Set	1

Ref. No.	Part No.	Description	No. Used
14	67-4770	Pinion Set (Incl. Ref. #13)	1
15	67-4760	Shaft Assembly (Incl. Ref. #9, 12 & 14)	1
16	56-1610	Bolt	1
17	56-1720	Bracket - Rear	1
18	56-1700	Holder - Brush (Incl. Ref. #19)	1
19	56-1710	Spring - Brush	4
20	67-4800	Yoke	1
21	56-1600	Bearing - Rear	1
22	56-1590	Bearing - Front	1
23	56-1580	Armature Set (Incl. Ref. #21 & 22)	1

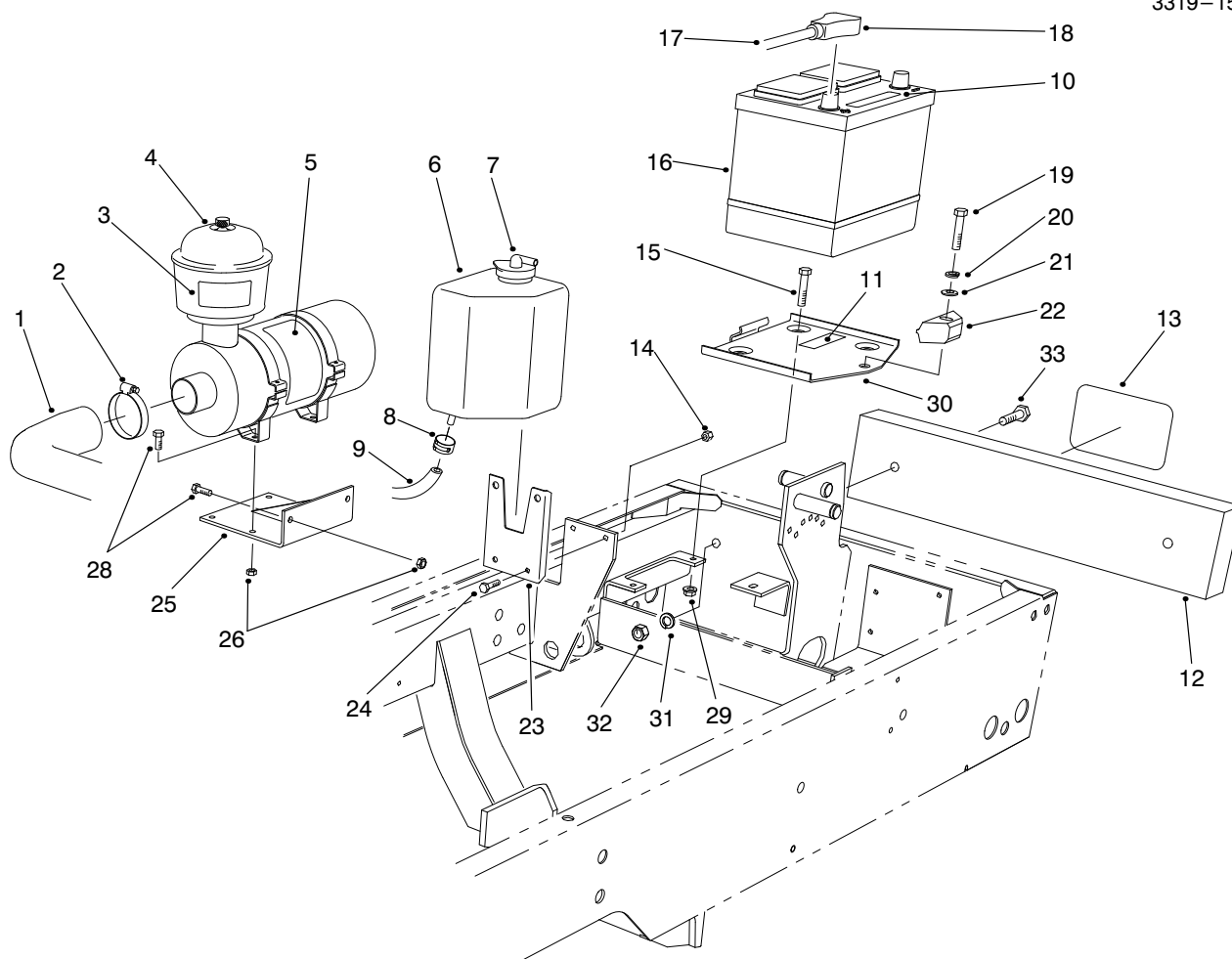


T-0573-1

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4630	Alternator Assembly (Incl. Ref. #6-17)	1
2	67-4670	Nut	1
3	67-3260	Washer	1
4	42-9660	Washer	1
5	43-0370	Shim	1
6	67-4870	Bearing - Rear	1
7	67-4860	Rotor Assembly (Incl. Ref. #6)	1
8	67-4930	Rectifier	1
9	67-4890	Rear Cover Assembly (Incl. Ref. #8, 11, 12 & 27)	1
10	67-4880	Stator	1
11	67-4900	Terminal Set	1
12	67-4910	Regulator Assembly (Incl. Ref. #13 & 14)	1

Ref. No.	Part No.	Description	No. Used
13	67-4920	Brush	2
14	43-0510	Spring - Brush	2
15	67-4830	Front Bracket Assembly (Incl. Ref. #18 & 19)	1
16	67-4810	Pulley Set	1
17	43-1920	Nut Set	1
18	67-4840	Screw Set	1
19	67-4850	Bearing - Front	1
20	67-4820	Bolt Set	1
21	67-4620	Spacer	1
22	67-4640	Bolt	1
23	75-4940	Brace - Alternator	1
24	42-9440	Bolt W/Washer	1
25	54-8660	Washer	1
26	67-4660	Bolt - Flange	1
27	72-6140	Cover - Rear	1



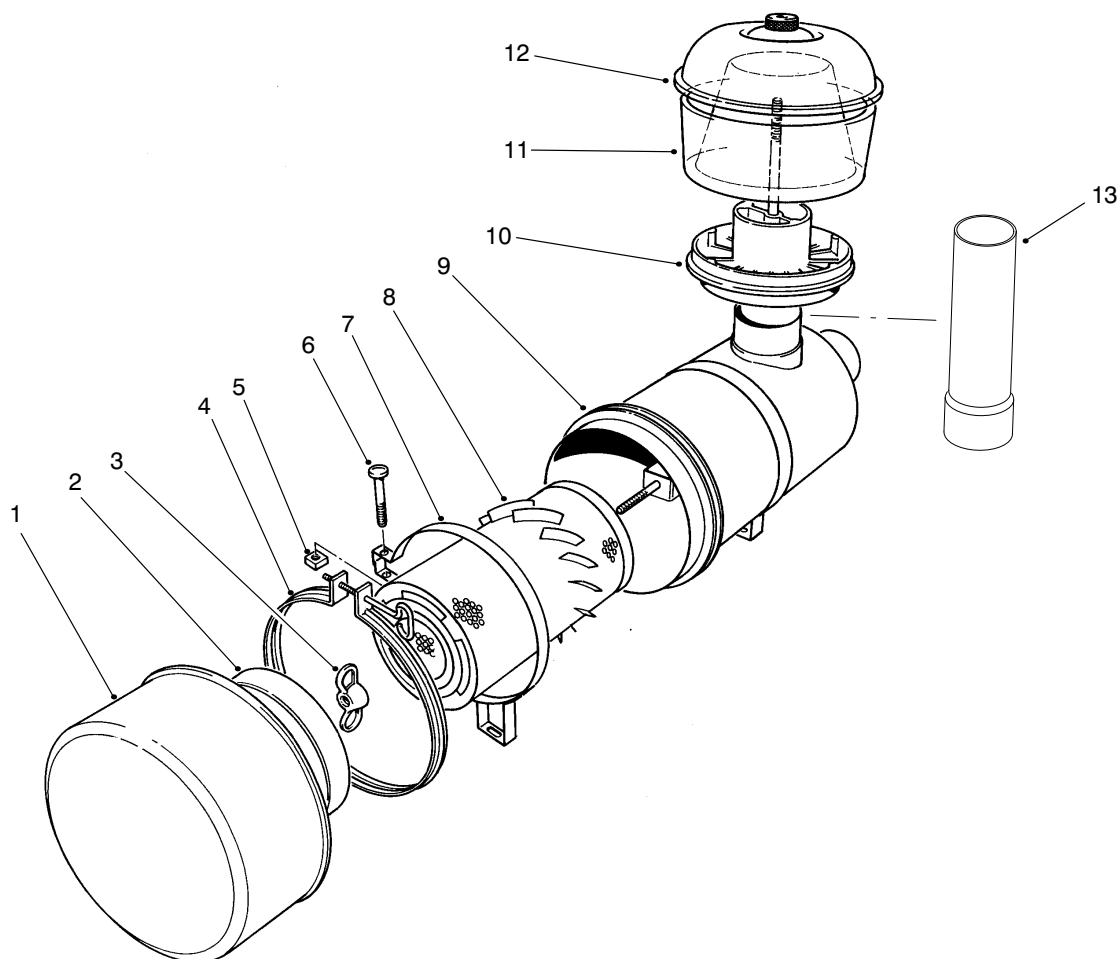
T-1056-1

ENGINE COMPONENTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-1896	Hose - Air Cleaner	1
2	2412-42	Clamp - Hose	1
3	83-9150	Decal - Starting Fluid (US)	1
*	93-6692	Decal - Starting Fluid (Europe)	1
*	84-3100	Decal - Starting Fluid (Japan)	1
4	48-4220	Air Cleaner Assembly (Incl. Ref. #5)	1
5	27-7160	Decal - Instructions (US)	1
*	93-8052	Decal - Instructions (Europe)	1
6	63-7380	Expansion Tank Assembly (Incl. Ref. #7)	1
7	71-1520	Cap - Expansion Tank	1
8	92-2379	Clamp - Hose	1
9	75-2850	Hose - Expansion Tank	1
10	93-7276	Decal - Danger (Europe)	1
11	93-6668	Decal - Battery (Europe)	1
12	75-6680	Bar - Weight (Europe)	1
13	62-5550	Decal - TORO (Europe)	1

Ref. No.	Part No.	Description	No. Used
14	32128-33	Nut - Lock Flange	2
15	322-4	Screw - Cap Hex. Hd.	3
16		Battery (Type 26 530 Amp.)	1
17	75-1370	Battery Cable Assembly (+) (Incl. Ref. #18)	1
18	28-1280	Boot - Cable	1
19	323-9	Screw - Cap Hex. Hd.	1
20	3253-21	Washer - Lock	1
21	3256-24	Washer - Flat	1
22	66-2490	Clamp - Battery	1
23	75-4250	Bracket - Expansion Tank	1
24	321-5	Screw - Cap Hex. Hd.	2
25	94-4923	Bracket - Air Cleaner	1
26	3296-29	Nut - Lock	6
28	322-5	Screw - Cap Hex. Hd.	6
29	32128-20	Nut - Lock	3
30	66-2330	Base - Battery	1
31	3253-27	Washer - Lock (Europe)	2
32	3217-9	Nut - HH (Europe)	2
33	325-8	Screw - HH (Europe)	2

*Not Illustrated



T-0126-1

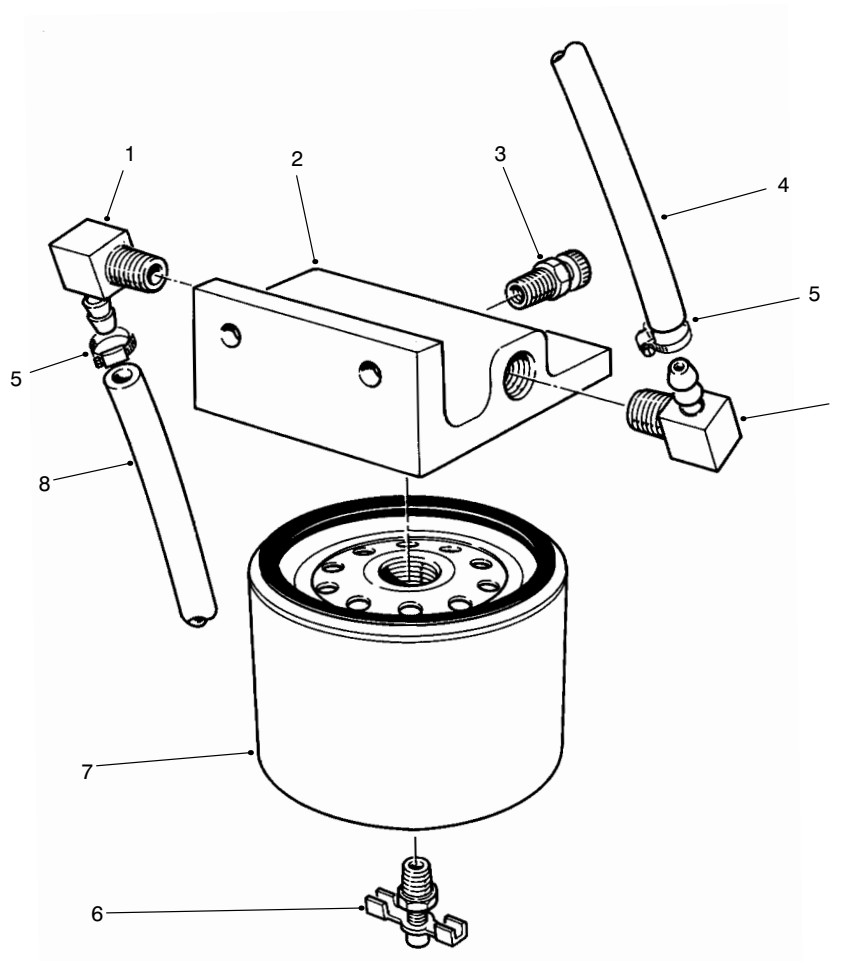
AIR CLEANER ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
10	62-6300	Sleeve Assembly	1
11	33-1270	Bowl	1
12	33-1260	Cover Assembly	1
13	43-3810	Tube - Air Cleaner	1
*	48-7430	Pre-Cleaner Assembly (Incl. Ref. #10-12)	1
*	48-4220	Air Filter Assembly (Incl. Ref. #1-4, 8-9)	1
*	27-7220	Air Cleaner Soap	1

*Not Illustrated

†Not Serviceable Separately

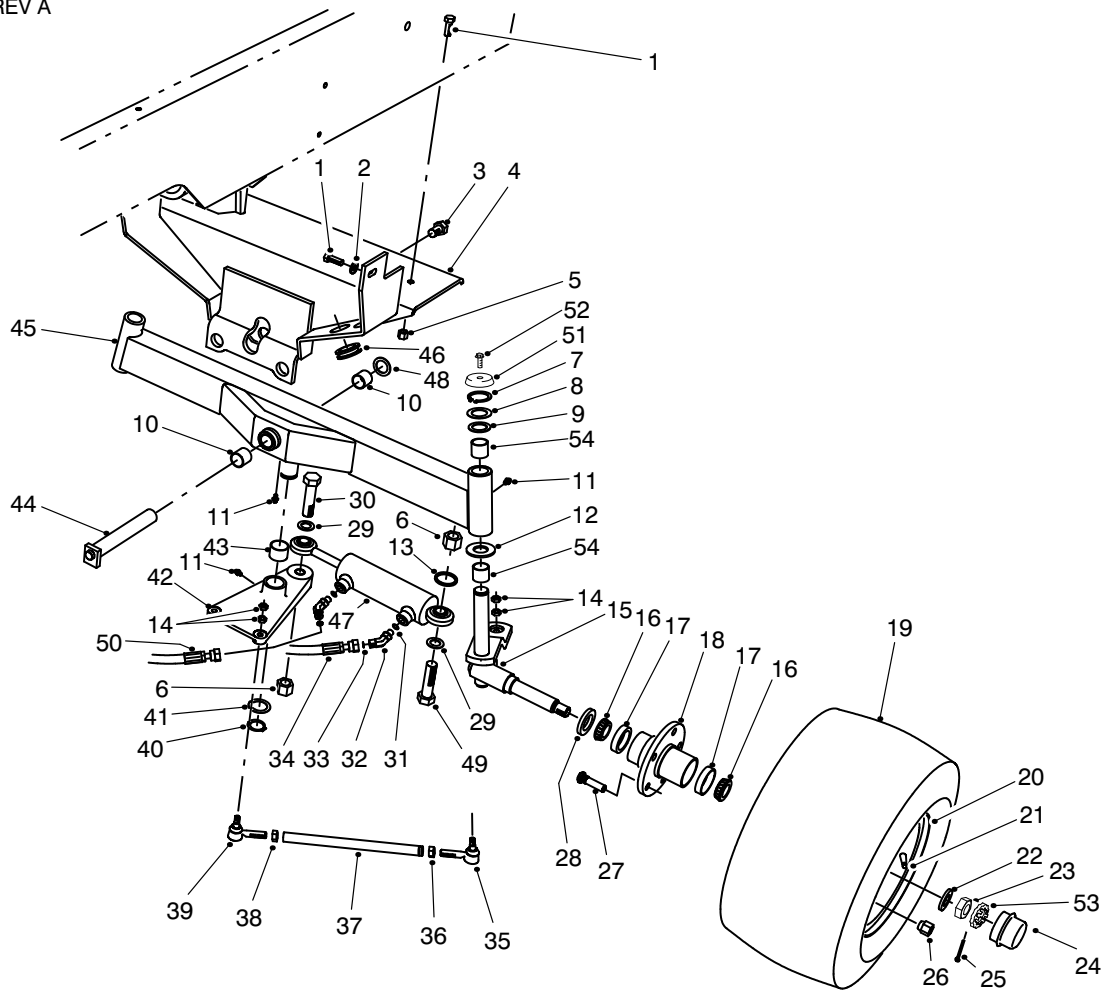


T-1030-1

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	353-781	Fitting – Elbow	2	7	63-8300	Element – Spin-On (Incl. Ref. #6)	1
2	63-8280	Head – Fuel Filter (Incl. Ref. #3)	1	8	63-7610	Hose – Fuel	1
3	63-8290	Vent – Air	1	*	63-7650	Fuel Filter Assembly (Incl. Ref. #2, 3 & 6-7)	1
4	63-7620	Hose – Fuel	1				
5	2412-108	Clamp – Hose	2				
6	63-8310	Valve – Drain	1				

*Not Illustrated



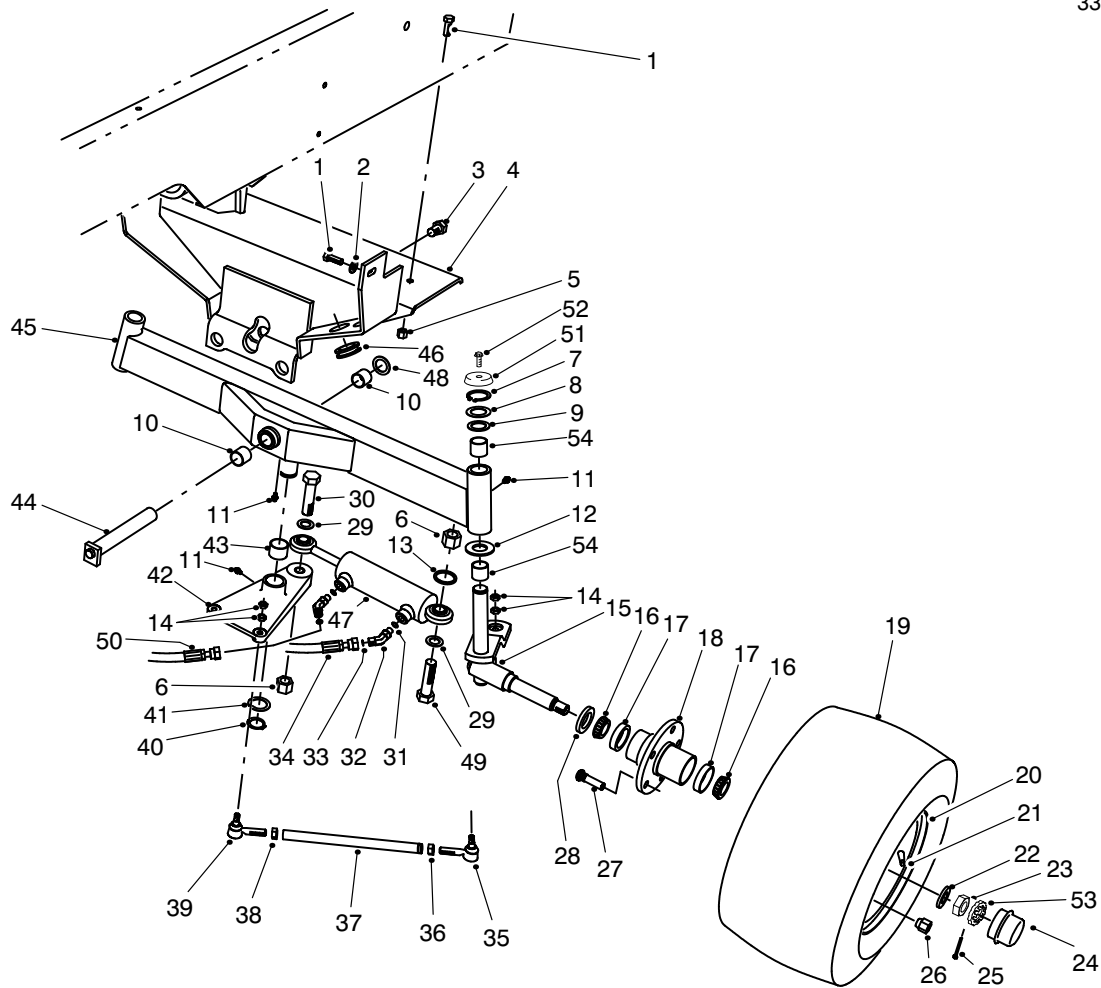
T-1915-2

REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-6	Screw - Cap Hex. Hd.	4
2	3256-24	Washer - Flat	2
3	327-2	Screw - Cap Hex. Hd.	1
4	93-0064	Support - Rear Axle	1
5	3296-39	Nut - Lock	2
6	32153-6	Nut - Lock	2
7	32151-36	Ring - Retaining	2
8	5-1226	Washer - Shim	A/R
9	10-8110	Washer - Thrust	2
10	67-1751	Bushing - Sleeve	2
11	302-5	Fitting - Grease	4
12	256-121	Washer - Thrust	2
13	67-7250	Spacer - Cylinder	1
14	3220-3	Nut - Jam	8
15	93-7001	Spindle - Rear L.H.	1
*	93-7000	Spindle - Rear R.H.	1
16	254-94	Cone - Bearing	4
17	254-72	Cup - Bearing	4
18	21-2820	Hub - Rear Wheel	2
19	231-141	Tire	2
20	217-121	Rim	2
21	232-35	Stem - Valve	2
22	93-0309	Washer - Tab	2

Ref. No.	Part No.	Description	No. Used
23	3220-7	Nut - Jam	2
24	241-119	Cap - Dust	2
25	3272-13	Pin - Cotter	2
26	242-50	Nut - Lug	10
27	10-6830	Stud - Drive	10
28	253-129	Seal - Grease	2
29	67-9410	Washer - Thrust	2
30	328-25	Screw - Cap Hex. Hd.	1
31	237-78	Seal - O-Ring	2
32	340-103	Fitting - Hydraulic 45° (Incl. Ref. #31 & 33)	2
33	237-21	Seal - O-Ring	2
34	75-6220	Hose - Hydraulic	1
35	21-0140	Joint - Ball	2
36	3220-5	Nut - Jam	2
37	75-3130	Rod - Tie	2
38	3220-12	Nut - Jam L.H. Thread	2
39	21-0150	Joint - Ball L.H. Thread	2
40	32151-77	Ring - Retaining	1
41	76-2980	Washer - Thrust	1
42	75-4410	Pivot Plate Assembly (Incl. Ref. #11 & 43)	1
43	76-2970	Bushing - Sleeve	2

*Not Illustrated

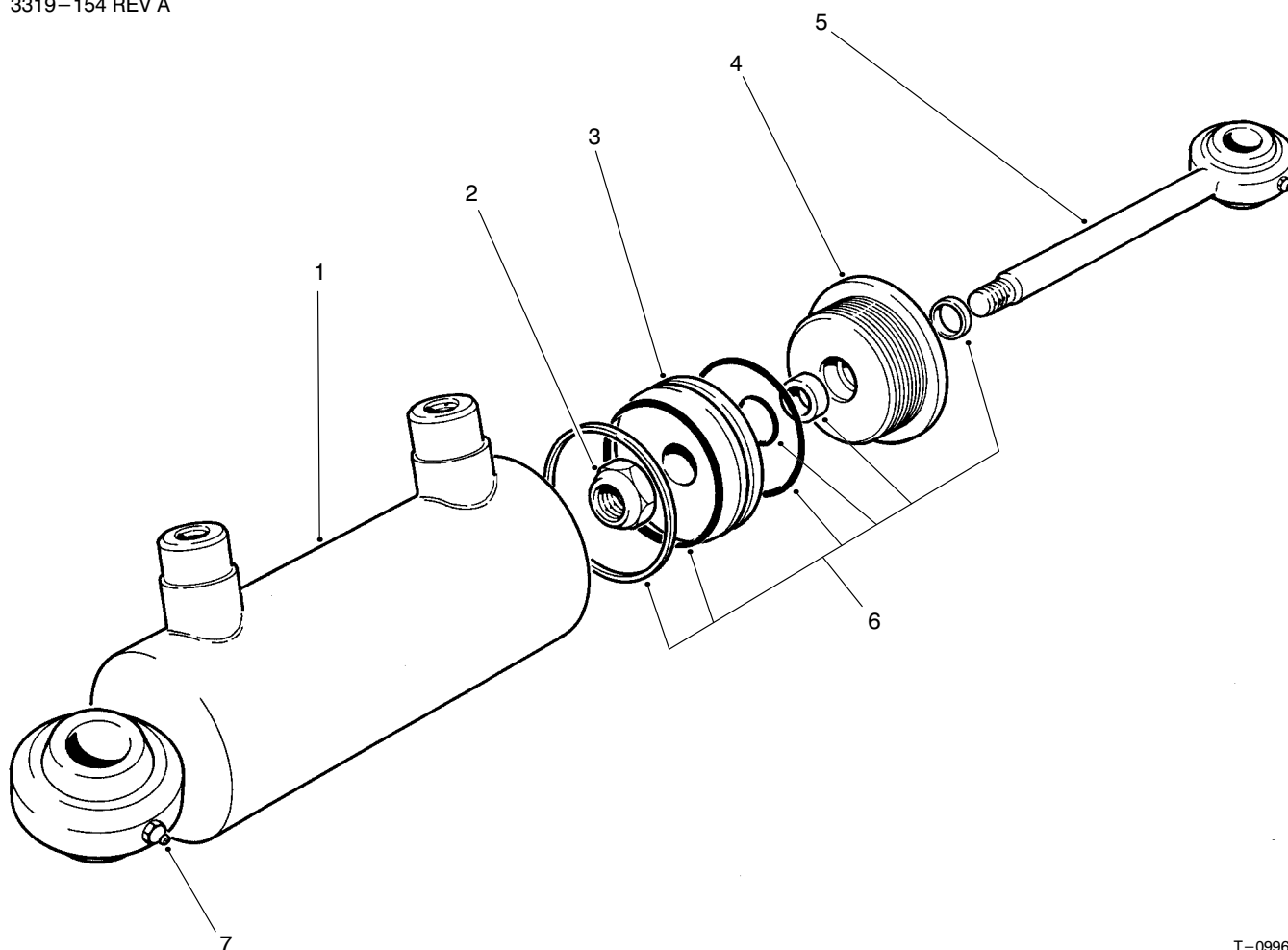


T-1915-2

REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	75-4180	Pin – Rear Axle Pivot	1
45	75-2900	Rear Axle Assembly (Incl. Ref. #10, 11 & 54)	1
46	237-165	Grommet	2
47	75-1200	Hydraulic Cylinder Assembly	1
48	5-1226	Washer – Thrust	1

Ref. No.	Part No.	Description	No. Used
49	328-27	Screw – Cap Hex. Hd.	1
50	75-6230	Hose – Hydraulic	1
51	66-2990	Cap – Spindle	2
52	3234-13	Screw – Cap Hex. Hd.	2
53	93-0307	Nut – Retainer	2
54	67-1750	Bushing – Sleeve	4



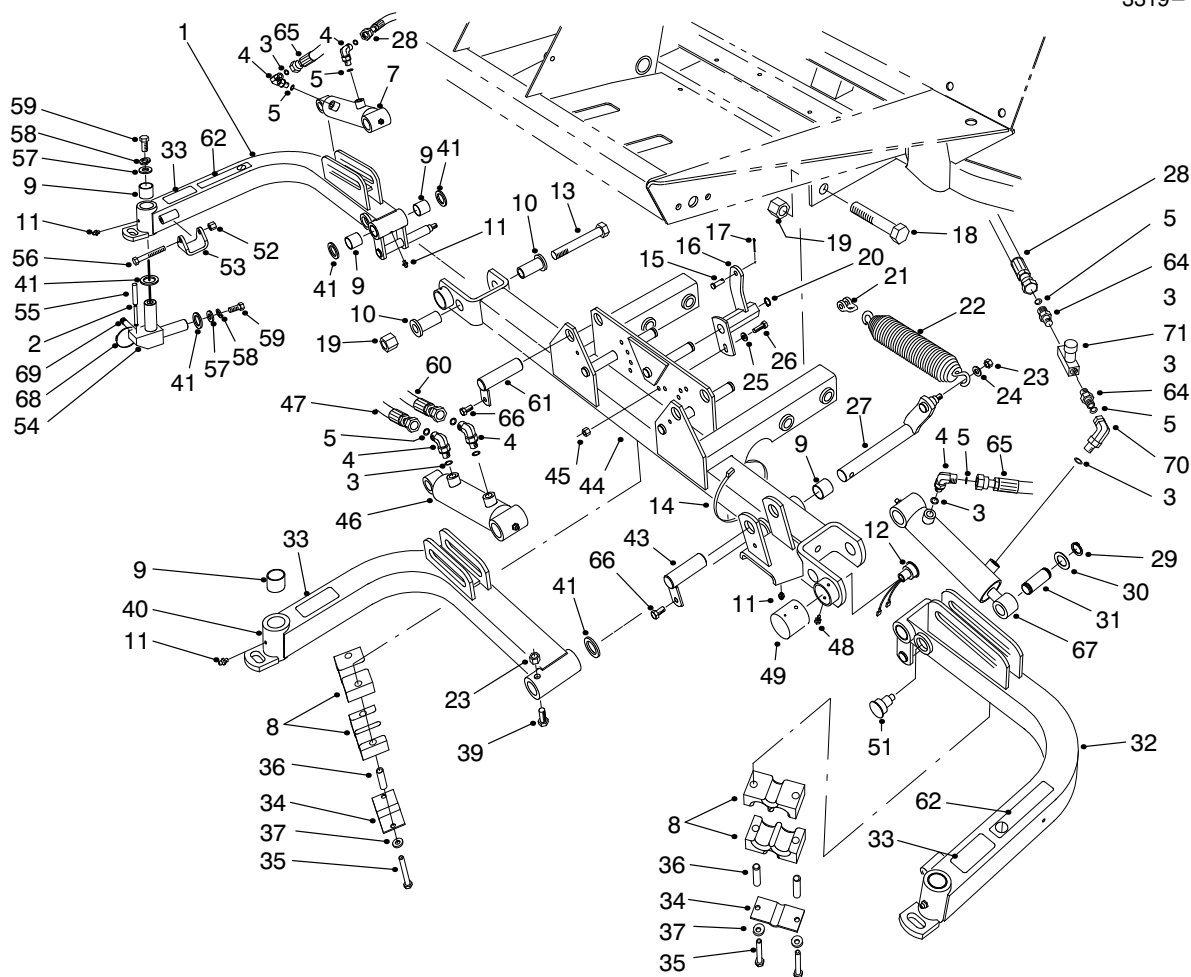
T-0996-1

HYDRAULIC CYLINDER NO. 75-1200

Ref. No.	Part No.	Description	No. Used
†1		Barrel Assembly	1
2	75-1210	Nut - Lock	1
3	75-1220	Piston	1
4	75-1260	Head - Internal	1

Ref. No.	Part No.	Description	No. Used
5	75-1230	Piston Rod Assembly	1
6	75-1250	Seal Kit	1
7	302-5	Fitting - Grease	2

†Not Serviced Separately



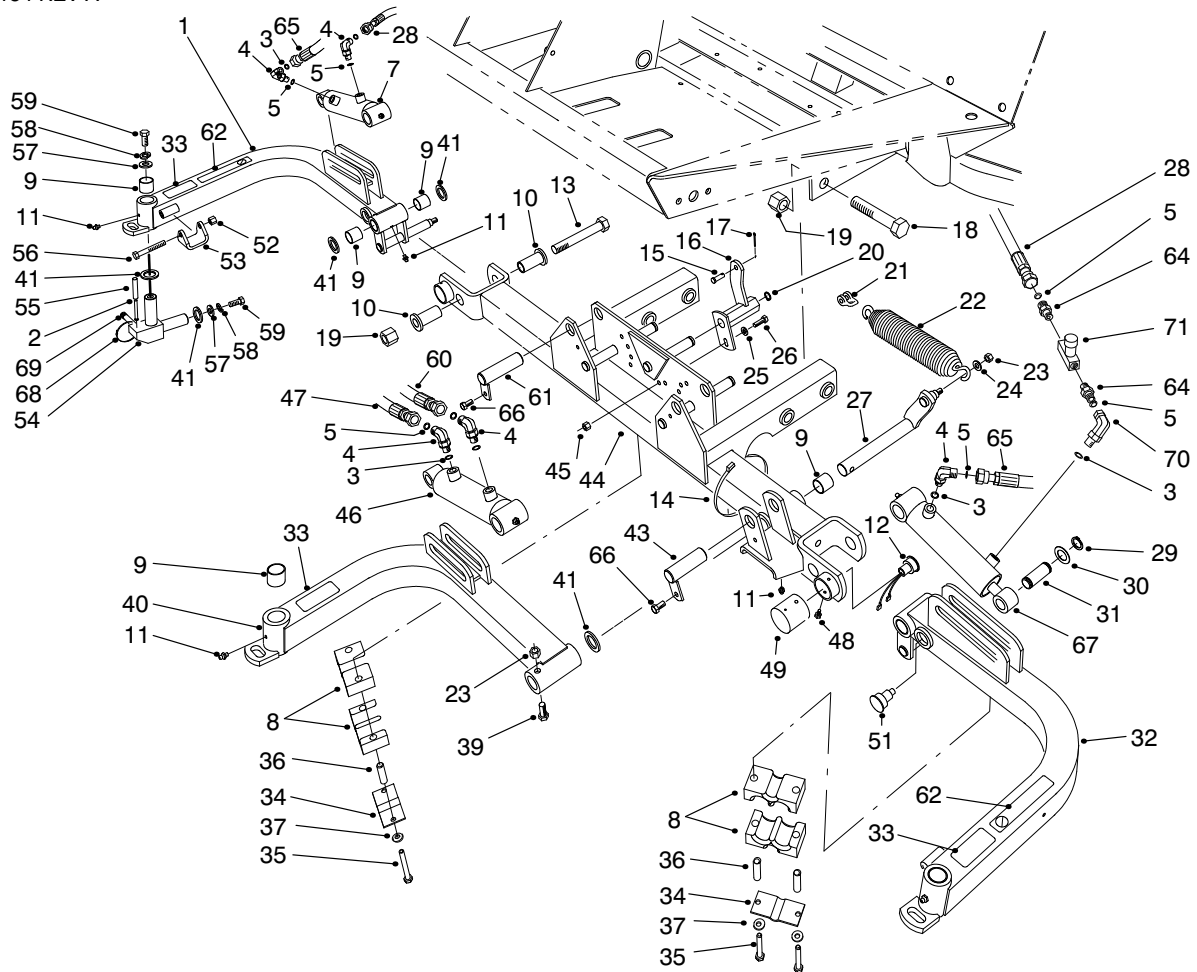
T-1059-5

FRONT LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-5598	Lift Arm Assembly R.H. (Incl. Ref. #9 & 11)	1
2	32121-27	Pin - Roll	3
3	237-78	Seal - O-Ring	6
4	340-132	Fitting - Hydraulic 90° (Incl. Ref. #3 & 5)	5
5	237-21	Seal - O-Ring	8
7	93-7551	Hydraulic Cylinder Assembly	1
8	82-8170	Clamp	8
9	67-1750	Bushing - Sleeve	12
10	84-8320	Insert - Hinge	4
11	302-5	Fitting - Grease	6
12	92-8002	Sensor - Reed Switch	1
13	328-12	Screw - Cap Hex. Hd.	2
14	3290-379	Tie - Cable	3
15	283-6	Pin - Clevis	3
16	75-5210	Bracket - Spring Center	1
*	75-5200	Bracket - Spring R.H.	1
*	75-5220	Bracket - Spring L.H.	1
17	3272-10	Pin - Cotter	3
18	328-7	Screw - Cap Hex. Hd.	4
19	3296-51	Nut - Lock	6
20	32151-48	Ring - Retaining	3
21	282-4	Clevis - Spring	3
22	5-0743	Spring - Extension	3
23	3296-44	Nut - Lock	4

Ref. No.	Part No.	Description	No. Used
24	3256-24	Washer - Flat	3
25	3256-23	Washer - Flat	3
26	322-5	Screw - Cap Hex. Hd.	3
27	75-4550	Shaft - Center Arm Pivot	1
28	75-5890	Hose - Hydraulic	2
29	32120-93	Ring - Retaining	6
30	3-6498	Washer - Thrust	6
31	75-5350	Pin - Cylinder Rod End	3
32	94-5800	Lift Arm Assembly L.H. (Incl. Ref. #9 & 11)	1
33	55-4300	Decal - Warning (US)	3
*	93-6696	Decal - Warning (Europe)	3
*	84-2940	Decal - Warning (Japan)	3
34	93-7961	Clamp - Rubber	3
35	322-13	Screw - Cap Hex. Hd.	6
36	93-7960	Spacer	6
37	3256-70	Washer - Flat	6
39	323-11	Screw - Cap Hex. Hd.	1
40	94-5802	Lift Arm Assembly Center (Incl. Ref. #9 & 11)	1
41	256-115	Washer - Thrust	11
43	83-6790	Pin - Cylinder (Short)	1
44	94-5808	Carrier Frame Assembly (Incl. Ref. #9 & 11)	1
45	3296-29	Nut - Lock	3
46	93-9310	Hydraulic Cylinder Assembly	1

*Not Illustrated



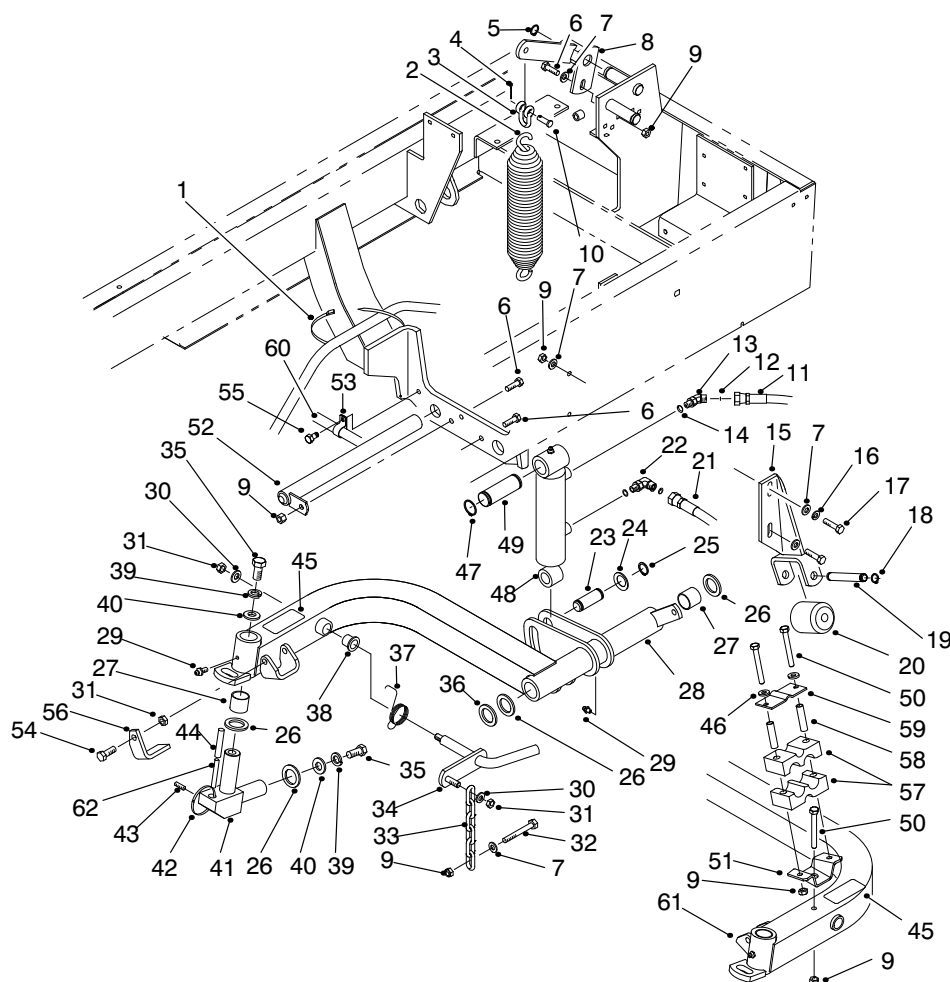
T-1059-5

FRONT LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	75-5900	Hose – Hydraulic	1
48	32104-76	Screw – Thread Forming	2
49	75-6370	Cover – Sensor	1
51	92-8754	Actuator – Reed Switch	1
52	3296-39	Nut – Lock	2
53	75-5410	Bracket – Arm	2
54	75-3010	Joint – Arm	3
55	32121-122	Pin – Roll	3
56	323-12	Screw – Cap Hex. Hd.	2
57	3256-6	Washer – Flat	6
58	3253-7	Washer – Lock	6
59	325-4	Screw – Cap Hex. Hd.	6
60	75-5910	Hose – Hydraulic	1
61	83-6780	Pin – Cylinder (Long)	2
62	36-3400	Decal – No Step (US)	2
*	93-6687	Decal – No Step (Europe)	2
*	84-2780	Decal – No Step (Japan)	2
63	75-5300	Rod – Hose Support	1

Ref. No.	Part No.	Description	No. Used
64	340-13	Fitting – Straight (Incl. Ref. #5)	2
65	82-6490	Hose – Hydraulic	1
66	32144-14	Screw – Self Tapping	3
67	93-7550	Hydraulic Cylinder Assembly	1
68	3290-378	Tie – Cable	5
69	92-9097	Set Screw	3
70	340-143	Fitting – Hydraulic 90° (Incl. Ref. #3)	1
71	82-8270	Valve – Flow Control	1
*	67-7960	Decal – Hands/Feet (US) Mounted on Cutting Unit Frames.	3
*	93-6688	Decal – Hands/Feet (Europe) Mounted on Cutting Unit Frames.	3
*	84-4220	Decal – Hands/Feet (Japan) Mounted on Cutting Unit Frames.	3

*Not Illustrated

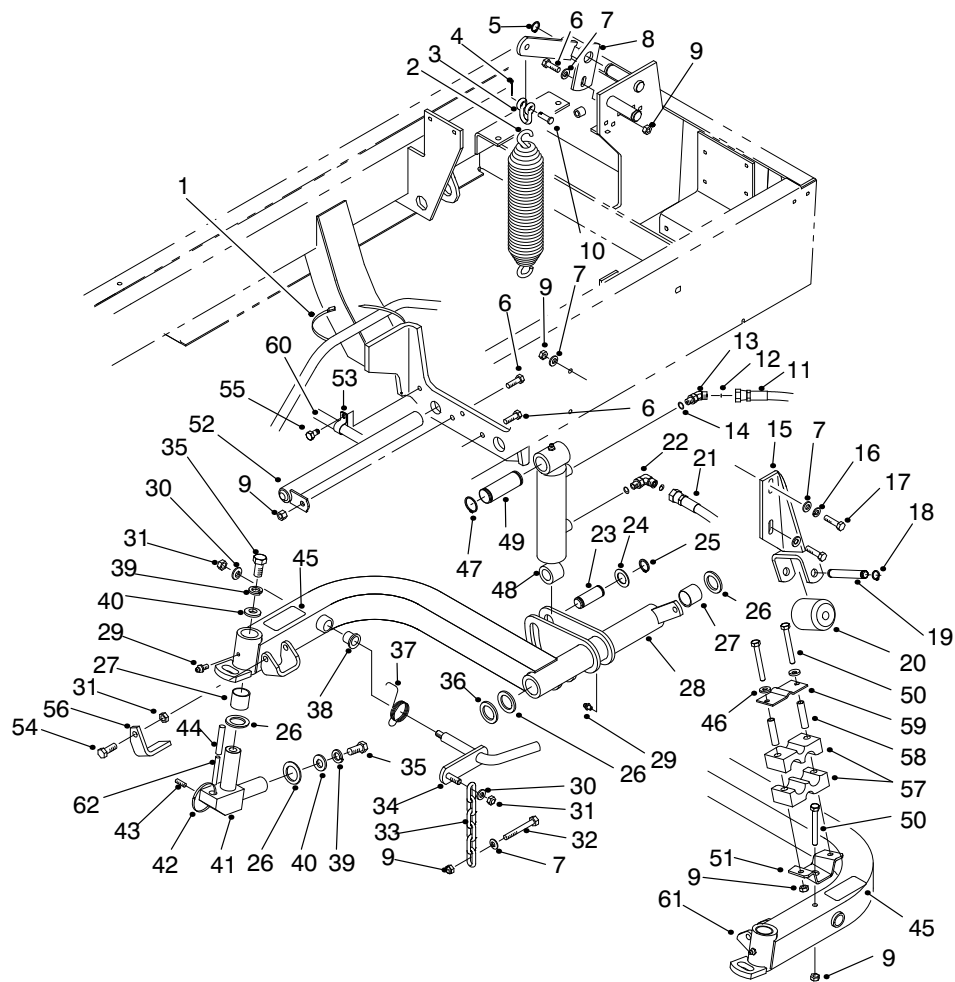


T-1880-4

REAR LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3290-379	Tie - Cable	1	23	75-5350	Pin - Cylinder Rod End	2
2	5-0743	Spring - Counterbalance	2	24	3-6498	Washer - Thrust	4
3	282-4	Clevis - Spring	2	25	32120-93	Ring - Retaining	4
4	3272-10	Pin - Cotter	2	26	256-115	Washer - Thrust	8
5	32151-48	Ring - Retaining	2	27	67-1750	Bushing - Sleeve	8
6	322-5	Screw - Cap Hex. Hd.	3	28	94-5596	Lift Arm Assembly Rear R.H. (Incl. Ref. #27, 29 & 38)	1
7	3256-23	Washer - Flat	10	29	302-5	Fitting - Grease	4
8	75-4690	Bracket - Spring Rear R.H.	1	30	3256-24	Washer - Flat	4
*	75-4650	Bracket - Spring Rear L.H.	1	31	3296-39	Nut - Lock	6
9	3296-29	Nut - Lock	8	32	322-12	Screw - Cap Hex. Hd.	2
10	283-6	Pin - Clevis	2	33	5-1096	Chain - Cutting Unit	2
11	75-6070	Hose - Hydraulic (Cap)	1	34	75-4590	Rod - Pivot	2
12	237-78	O-Ring	4	35	325-4	Screw - Cap Hex. Hd.	4
13	340-103	Fitting - Hydraulic 45° (Incl. Ref. #12 & 14)	1	36	93-0142	Bushing - Straight	2
14	237-21	O-Ring	4	37	75-4520	Spring - Torsion R.H.	1
15	75-3810	Bracket - Roller	2	*	75-4530	Spring - Torsion L.H.	1
16	3253-4	Washer - Lock	2	38	256-287	Bushing - Flange	4
17	322-6	Screw - Cap Hex. Hd.	4	39	3253-7	Washer - Lock	4
18	32151-61	Ring - Retaining	4	40	3256-6	Washer - Flat	4
19	75-5400	Shaft - Roller	2	41	75-3010	Joint - Arm	2
20	75-5390	Roller	2	42	3290-378	Tie - Cable	2
21	75-6180	Hose - Hydraulic R.H. (Rod)	2	43	92-9097	Set Screw	2
*	75-6080	Hose - Hydraulic L.H. (Rod)	1	44	32121-122	Pin - Roll	2
22	340-132	Fitting - Hydraulic 90° (Incl. Ref. #12 & 14)	3				

*Not Illustrated

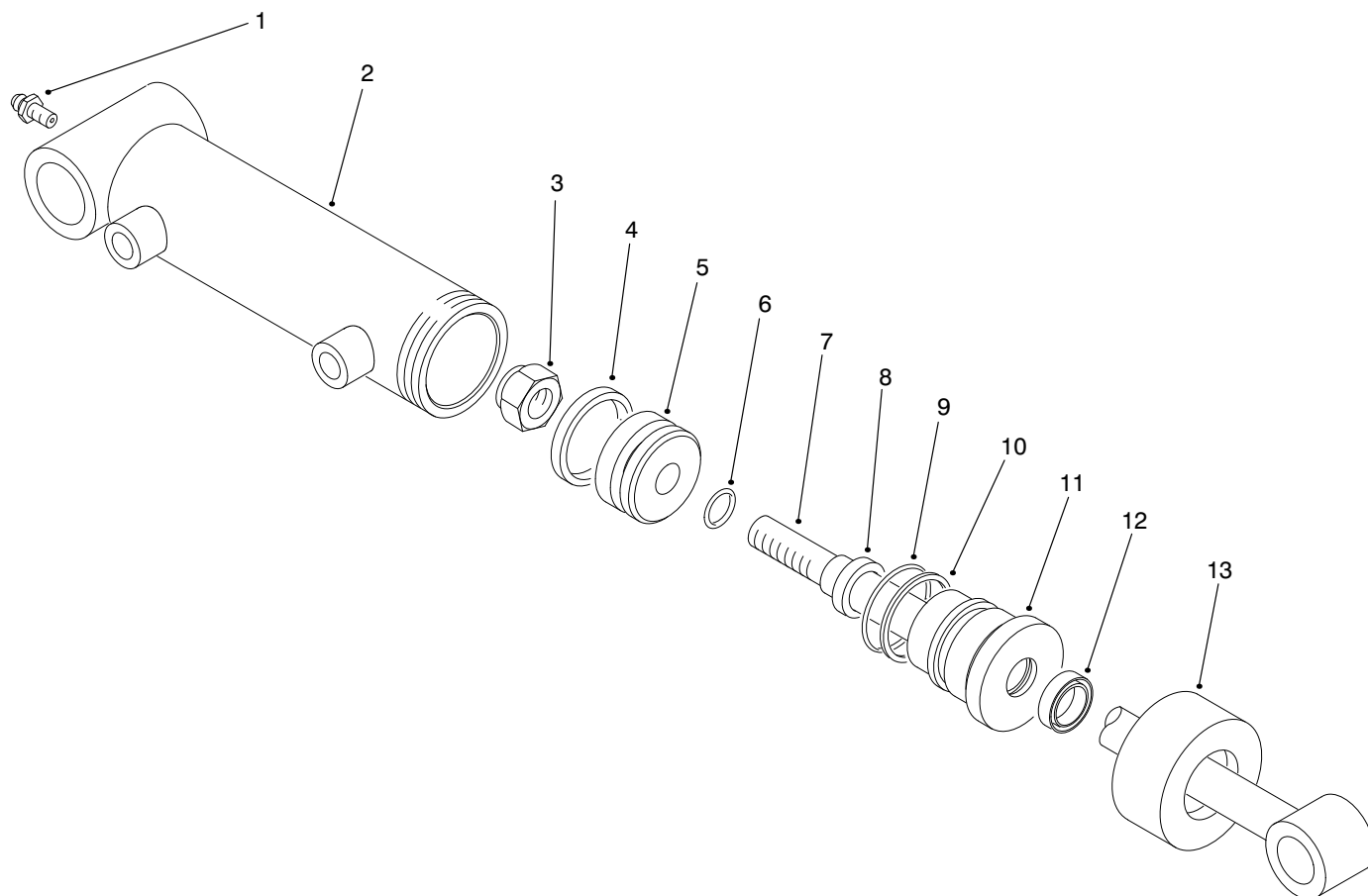


T-1880-4

REAR LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
45	55-4300	Decal - Warning (US)	2	58	93-7960	Spacer	2
*	93-6696	Decal - Warning (Europe)	2	59	93-7961	Clamp	1
*	84-2940	Decal - Warning (Japan)	2	60	85-4390	Sensor - Magnet	1
46	3256-70	Washer - Flat	2	61	94-5594	Lift Arm Assembly Rear L.H. (Incl. Ref. #27, 29 & 38)	1
47	32151-36	Ring - Retaining	4	62	32121-27	Pin - Roll	2
48	93-9311	Hydraulic Cylinder Assembly	2	*	67-7960	Decal - Hands/Feet (US) (Supplied with Cutting Units)	2
49	75-5360	Pin - Cylinder Cap End	2	*	93-6688	Decal - Hands/Feet (Europe) (Mounted on Cutting Unit Frames)	2
50	322-13	Screw - Cap Hex. Hd.	3	*	84-4220	Decal - Hands/Feet (Japan) (Mounted on Cutting Unit Frames)	2
51	94-4919	Bracket - Clamp, Hose	1				
52	93-0069	Pin - Pivot	2				
53	2412-93	Clamp-R	2				
54	323-6	Screw - Cap Hex. Hd.	2				
55	32144-14	Screw - Hex. Washer Hd.	2				
56	93-3640	Stop - Reel RH	1				
*	83-5170	Stop - Reel LH	1				
57	82-8170	Clamp	2				

*Not Illustrated



T-2053-1

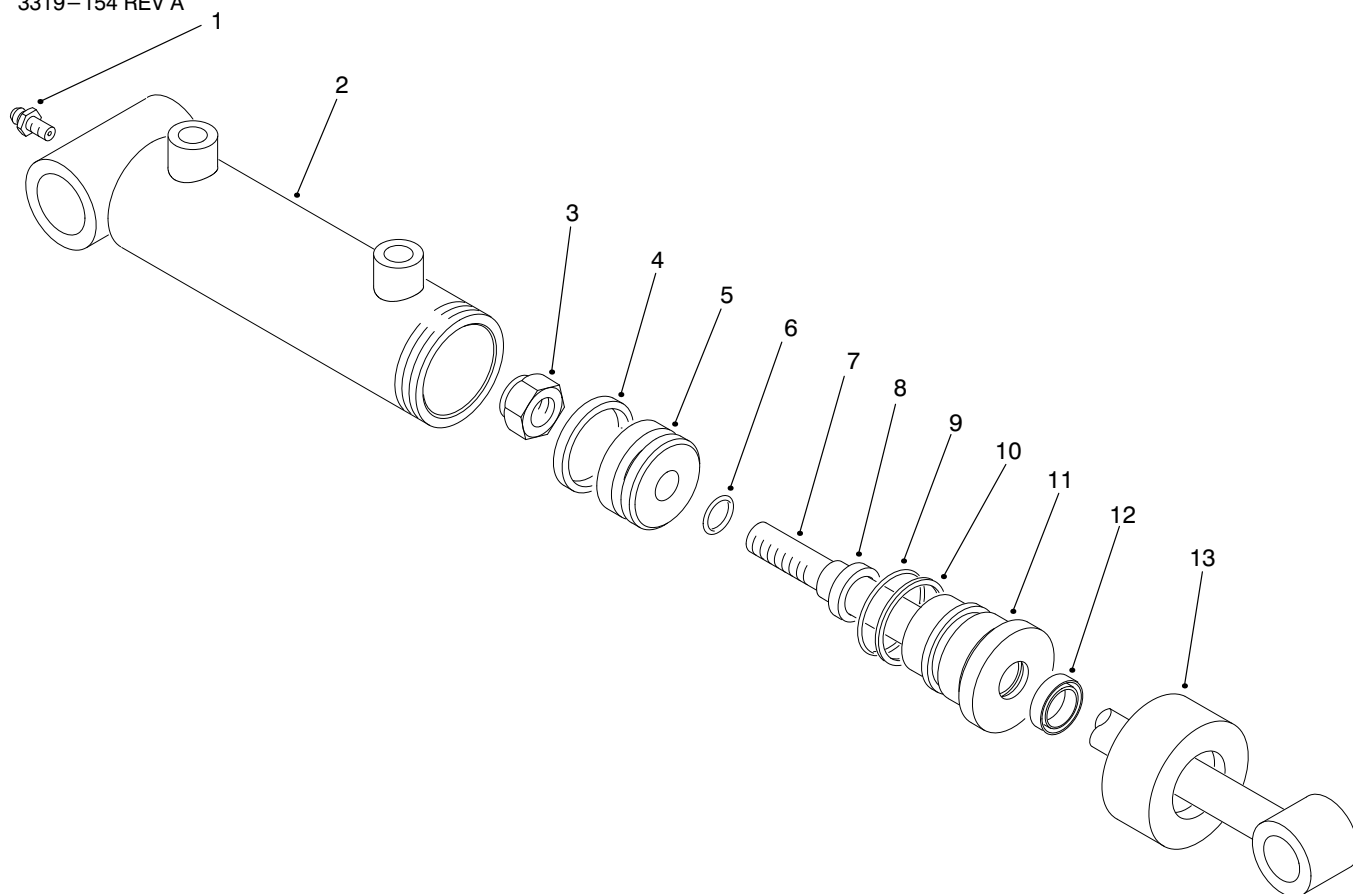
HYDRAULIC CYLINDER NO. 93-9311

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting - Grease	1
2	93-9313	Barrel Assembly	1
3	32152-10	Nut	1
4		Uni-ring	1
5	70-2780	Piston	1
†6		O-Ring	1
7	75-3790	Shaft W/Tube	1
†8		Seal - Rod	1

Ref. No.	Part No.	Description	No. Used
†9		O-Ring	1
†10		Backup	1
11	93-7990	Head	1
†12		Seal - Dust	1
13	93-7991	Collar	1
*	86-7330	Seal repair Kit (Incl. Ref. #4, 6, 8-10 & 12)	1

*Not Illustrated

†Not Serviced Separately



T-2054-1

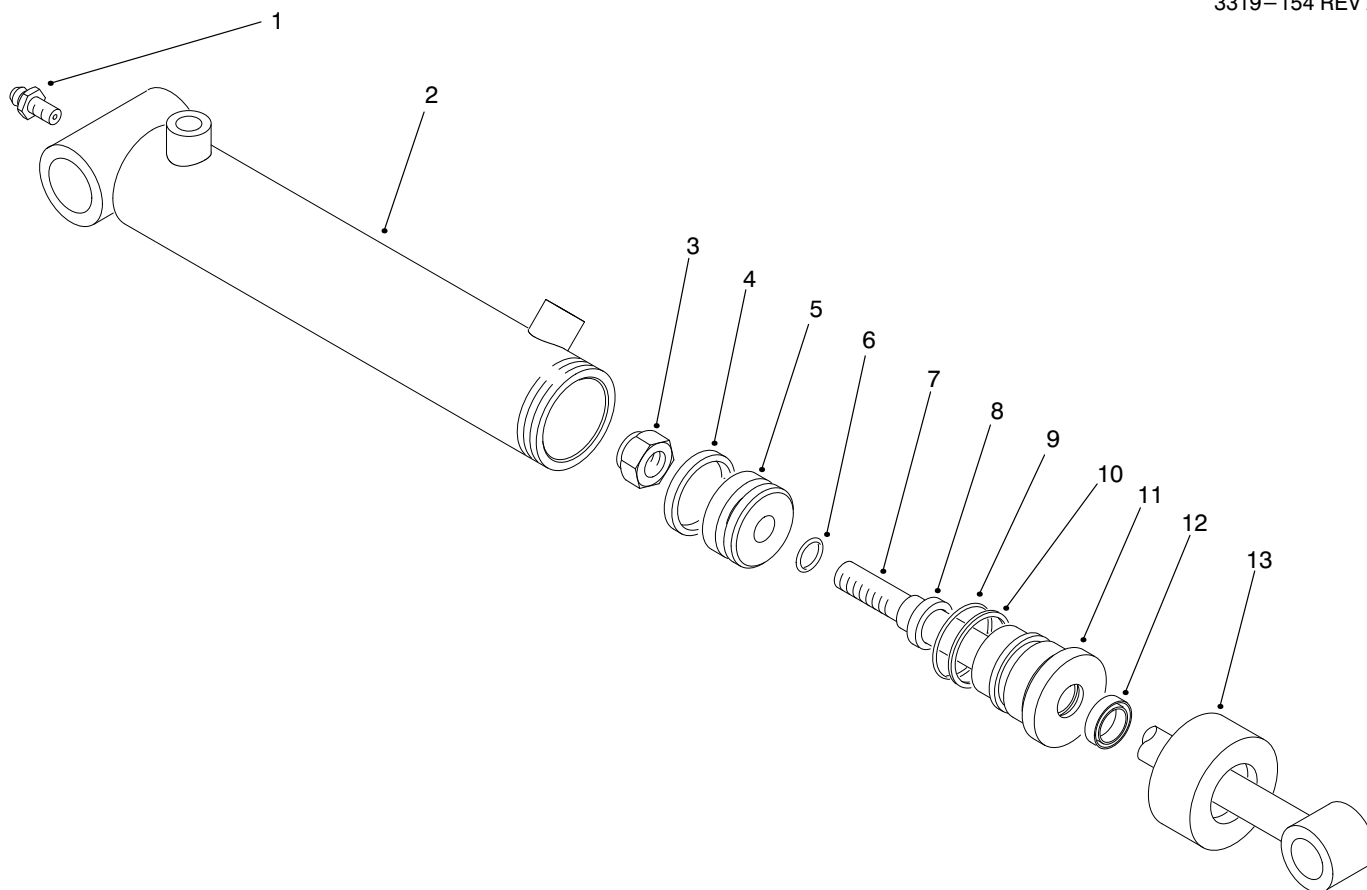
HYDRAULIC CYLINDER NO. 93-9310

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting - Grease	1
2	93-9312	Barrel Assembly	1
3	32152-10	Nut	1
†4		Uni-ring	1
5	70-2780	Piston	1
†6		O-Ring	1
7	75-3790	Shaft W/Tube	1
†8		Seal - Rod	1

Ref. No.	Part No.	Description	No. Used
9		O-Ring	1
†10		Backup	1
11	93-7990	Head	1
†12		Seal - Dust	1
13	93-7991	Collar	1
*	86-7330	Seal repair Kit (Incl. Ref. #4, 6, 8-10 & 12)	1

*Not Illustrated

†Not Serviced Separately



T-2055-1

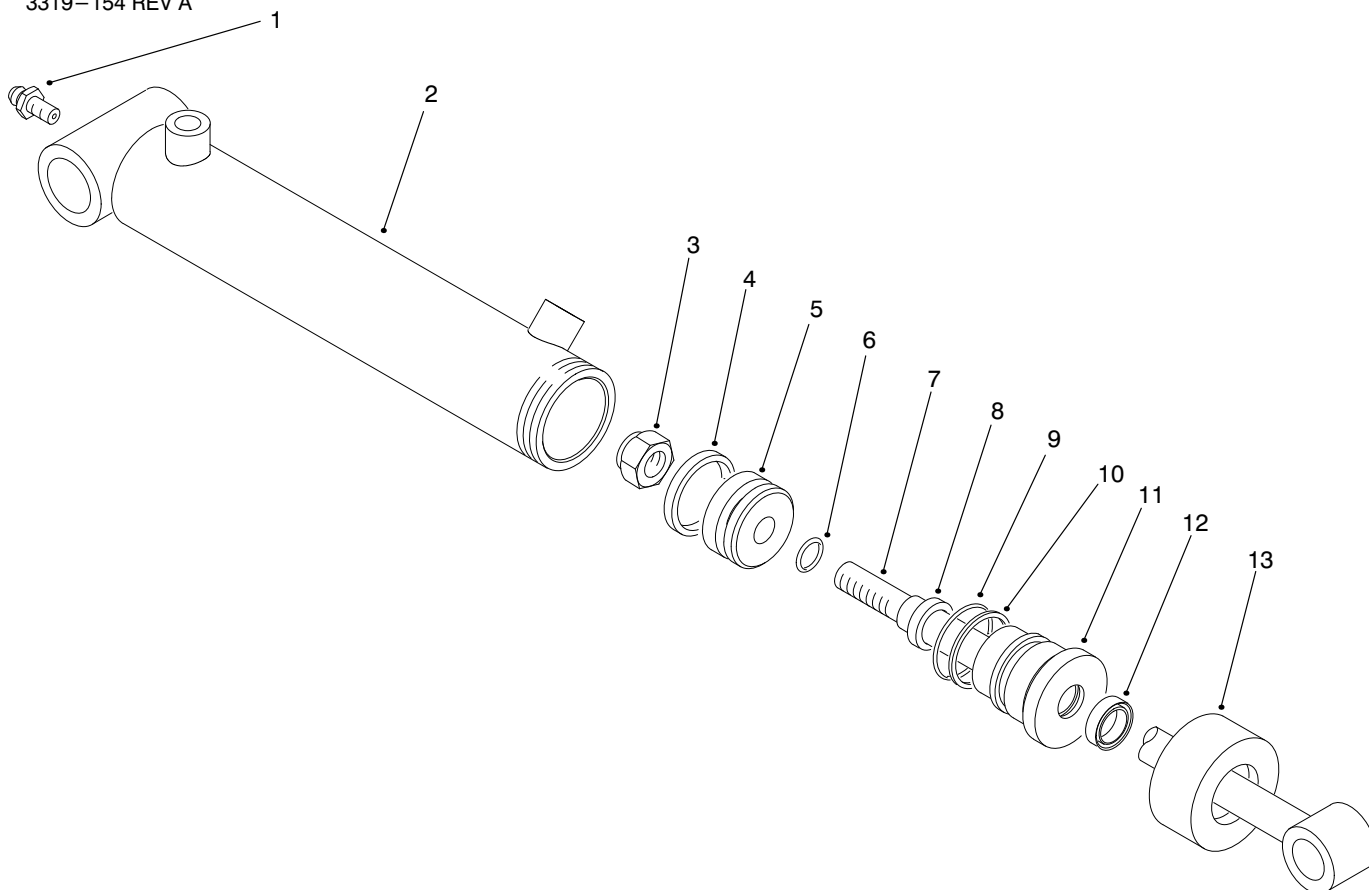
HYDRAULIC CYLINDER NO. 93-7551

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting - Grease	1
2	93-7558	Barrel Assembly	1
3	32152-10	Nut	1
†4		Uni-ring	1
5	84-1710	Piston	1
†6		O-Ring	1
7	84-1740	Shaft W/Tube	1
†8		Seal - Rod	1

Ref. No.	Part No.	Description	No. Used
†9		O-Ring	1
†10		Backup	1
11	93-7993	Head	1
†12		Seal - Dust	1
13	93-7994	Collar	1
*	84-1760	Seal repair Kit (Incl. Ref. #4, 6, 8-10 & 12)	1

*Not Illustrated

†Not Serviced Separately



T-2055-1

HYDRAULIC CYLINDER NO. 93-7550

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting - Grease	1
2	93-7557	Barrel Assembly	1
3	32152-10	Nut	1
†4		Uni-ring	1
5	70-2780	Piston	1
†6		O-Ring	1
7	75-2120	Shaft W/Tube	1
†8		Seal - Rod	1

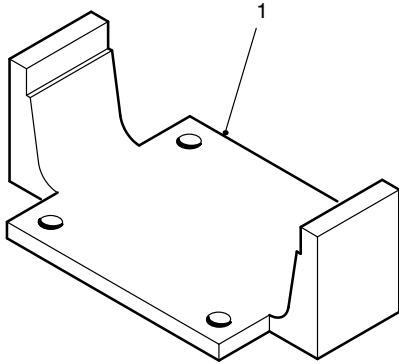
Ref. No.	Part No.	Description	No. Used
†9		O-Ring	1
†10		Backup	1
11	93-7990	Head	1
†12		Seal-Dust	1
13	93-7991	Collar	1
*	86-7330	Seal repair Kit (Incl. Ref. #4, 6, 8-10 & 12)	1

*Not Illustrated

†Not Serviced Separately

SPECIAL TOOLS

AXLE TOOL NO. *TOR859920



T-1325

Ref. No.	Part No.	Description	No. Used
1		Tool – Axle	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

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-6498	Washer - Thrust	29 22 2	42-6080	Shim - Axle	23 37 A/R
3-6498	Washer - Thrust	59 24 4	42-7080	Cap	41 2 2
3-6498	Washer - Thrust	57 30 6	42-7190	Bushing - Knock	44 33 2
3-6657	Clamp - Cable	6 30 1	42-7210	Plug-Taper	40 19 1
3-6657	Clamp - Cable	35 48 1	42-7290	Gasket - Drain	40 16 2
5-0652	Spacer	5 42 1	42-7510	Pipe	42 9 2
5-0743	Spring - Counterbalance	59 2 2	42-7840	Key	41 20 1
5-0743	Spring - Extension	57 22 3	42-7860	Lock	38 33 12
5-1096	Chain - Cutting Unit	59 33 2	42-8240	Gasket	46 6 3
5-1226	Washer - Shim	54 8 A/R	42-8830	Seal - O-Ring	48 6 1
5-1226	Washer - Thrust	55 48 1	42-8830	Seal - O-Ring	48 10 1
5-3637	Washer - Flat	35 23 1	42-9110	Gasket	42 21 1
10-6830	Stud - Drive	54 27 10	42-9110	Gasket - Muffler	34 15 1
10-8110	Washer - Thrust	54 9 2	42-9260	Plug - Drain	40 15 1
14-0959	Hood	1 6 1	42-9430	Bolt W/Washer	42 7 1
21-0140	Joint - Ball	54 35 2	42-9430	Bolt W/Washer	48 12 2
21-0150	Joint - Ball L.H. Thread	54 39 2	42-9440	Bolt W/Washer	40 8 11
21-2820	Hub - Rear Wheel	54 18 2	42-9440	Bolt W/Washer	50 24 1
21-7670	Case-Differential	26 33 1	42-9440	Bolt W/Washer	38 25 4
21-7690	Gear-Pinion	25 6 2	42-9490	Bolt W/Washer	43 10 4
21-7700	Shaft-Pinion Mate	26 31 1	42-9490	Bolt W/Washer	41 11 2
21-7710	Pin-Roll	26 30 1	42-9490	Bolt W/Washer	40 18 18
21-7720	Washer-Thrust	25 4 2	42-9510	Bolt	39 42 1
21-7730	Washer-Thrust	25 7 2	42-9570	Stud	42 20 4
21-7770	Screw-Drive Gear	26 32 5	42-9590	Nut	38 17 6
21-8020	Spacer-Front Pinion	25 25 1	42-9640	Nut - Jam	48 9 2
21-8090	Diff. Adjust. Shim .003	26 38 A/R	42-9650	Nut - Jam	44 30 1
21-8100	Diff. Adjust. Shim .005	26 37 A/R	42-9660	Washer	50 4 1
21-8110	Diff. Adjust. Shim .010	26 36 A/R	42-9660	Washer	39 39 3
21-8120	Diff. Adjust. Shim .030	26 35 A/R	42-9850	Washer - Lock	34 14 4
21-8180	Bearing	27 3 2	42-9850	Washer - Lock	35 26 1
21-8230	Vent Tube Assembly	26 39 1	43-0090	Screw - Cap Hex. Hd.	34 20 3
21-8270	Pin-Dowel	25 3 2	43-0370	Shim	50 5 1
21-8360	Clip - Retaining	27 10 2	43-0510	Spring - Brush	50 14 2
21-8390	Cup-Bearing	25 24 1	43-1920	Nut Set	50 17 1
21-9260	Seal - Shaft	3 27 1	43-2550	Filter	44 18 1
21-9370	Screw - Adjusting	27 7 2	43-2560	Gasket - Side Cover	44 19 1
21-9380	Nut - Pivot	27 8 2	43-2570	Gasket - Coil Side	44 17 1
21-9390	Socket - Adjusting Screw	27 6 2	43-2580	Magnet	44 20 1
21-9420	Spring - Shoe Return L.H.	27 17 2	43-2710	O-Ring	45 45 1
21-9430	Spring - Shoe Return R.H.	27 18 2	43-2710	Seal - O-Ring	42 36 2
21-9440	Spring - Adjusting Screw	27 14 2	43-2740	Gasket	34 8 1
21-9450	Shield - Dust	27 4 2	43-2750	Nut - Lock	34 9 1
21-9460	Retainer - Parking Brake	27 15 4	43-2820	Cap - Sealing	39 47 1
23-2270	Bushing - Rubber	29 26 1	43-3160	Screw - Adjusting	39 44 1
23-7270	Nut - Lug	23 1 10	43-3220	Screw - Cap Hex. Hd.	34 5 2
24-8790	Gear-Bevel Differential	25 5 2	43-3810	Tube - Air Cleaner	52 13 1
24-8840	Ring - Wheel Bearing	27 22 2	43-5920	Washer - Lock	35 25 1
24-9180	Lever - Parking Brake	27 19 2	43-5960	Nut - Special	39 46 1
27-2360	Ignition Switch Assembly	11 19 1	43-5970	Nut - Hex.	35 24 1
27-3710	Dipstick - Axle	23 41 1	43-6710	Diff. Adjust. Shim .003	25 15 A/R
27-5340	Hose - Fuel	22 11 1	43-6711	Diff. Adjust. Shim .005	25 16 A/R
27-6852	Shaft - Axle Flanged R.H.	27 * 1	43-6712	Diff. Adjust. Shim .010	25 17 A/R
27-6862	Shaft - Axle Flanged L.H.	27 1 1	43-6713	Diff. Adjust. Shim .030	25 18 A/R
27-7110	Element Assembly	52 8 1	43-6750	Cup-Bearing Tapered	25 10 1
27-7120	Nut	52 3 1	43-6760	Cone-Bearing Tapered	25 9 1
27-7130	Clamp Assembly	52 4 1	43-6810	Spider - Torque	27 5 2
27-7140	Baffle	52 2 1	44-2210	Warning Light Assembly	3 32 1
27-7150	Cup Assembly	52 1 1	44-2670	Hose - Fuel	22 18 1
27-7160	Decal - Instructions	51 5 1	46-6550	Connector - Fuel Elbow 90°	22 20 1
27-7170	Band Assembly	52 7 2	46-6560	Grommet	22 21 2
27-7220	Air Cleaner Soap	52 * 1	46-8091	Screw - Cap Hex. Hd.	2 43 4
27-9560	Spacer	35 46 1	47-0110	Spacer - Spindle	35 4 1
28-0670	Seal - Oil	27 13 2	48-4220	Air Cleaner Assembly	51 4 1
28-0680	Drum - Brake	27 11 2	48-4220	Air Filter Assembly	52 * 1
28-1280	Boot - Cable	51 18 1	48-7430	Pre-Cleaner Assembly	52 * 1
29-6162	Switch - Neutral	29 6 1	48-7700	Screw - Cap Hex. Hd.	35 17 1
33-1260	Cover Assembly	52 12 1	48-7930	Nut - Lock	34 13 4
33-1270	Bowl	52 11 1	48-9570	Washer - Lock	34 6 2
36-3400	Decal - No Step (US)	58 62 2	48-9590	Washer - Lock	35 12 10
38-3400	Guard - Rubber	18 8 2	48-9590	Washer - Lock	34 21 1

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49-2040	Screw – Hex. Washer Hd.	2 47 2	66-2330	Base – Battery	51 30 1
49-6440	Plate – Traction Pedal	5 11 1	66-2490	Clamp – Battery	51 22 1
52-1320	Decal – Fuel (US)	1 28 1	66-2920	Washer – Friction	6 31 2
53-8150	Fuel Pump Assembly	22 2 1	66-2960	Cluster – Warning	11 7 1
53-8150	Pump Assembly	44 21 1	66-2990	Cap – Spindle	55 51 2
54-8660	Washer	50 25 1	66-3180	Tube – Vent	32 22 1
54-9040	Yoke – End	34 26 1	66-3240	Cap – Radiator	32 8 1
54-9180	Kit – U-Joint	34 25 1	66-4160	Spring	6 38 1
55-4300	Decal – Warning (US)	57 33 3	66-6480	Washer – Flat	23 38 4
55-4300	Decal – Warning (US)	60 45 2	66-8121	Standpipe – Elbow 90°	22 19 1
56-0020	Plug	41 24 3	66-8520	Bumper – Down-stop	8 17 2
56-0020	Plug – Expansion	44 12 3	66-8530	Adjuster	8 16 1
56-0020	Plug – Expansion	42 18 1	66-8560	Nut – Push	8 11 4
56-0100	Plug – Taper	44 37 1	66-8610	Weldment – Lower	8 10 1
56-0220	Pin – Dowel	44 35 2	66-8800	Relay – Glow Plug	32 37 1
56-0480	Key – Woodruff	41 8 1	66-9290	Spacer	8 15 6
56-0480	Key – Woodruff	38 18 2	66-9770	Seal	4 28 1
56-1060	Snap Ring	41 15 1	66-9780	Bushing	4 29 1
56-1230	Shaft – Oil Filter	44 28 1	66-9860	Upper Cover & Jacket	4 37 1
56-1570	Bolt Set	49 8 1	66-9870	Plate – Retaining	4 38 1
56-1580	Armature Set	49 23 1	66-9880	Washer – Retaining Plate	4 39 1
56-1590	Bearing – Front	49 22 1	66-9890	Ring – Retaining	4 40 1
56-1600	Bearing – Rear	49 21 1	66-9900	Shaft – Input	4 41 1
56-1610	Bolt	49 16 1	66-9970	Spring Kit	4 * 1
56-1640	Stopper Set	49 13 1	66-9980	Seal Kit	4 * 1
56-1670	Gear	49 10 1	66-9990	Needle Roller Kit	4 * 1
56-1680	Cover Set	49 9 1	67-1630	Spacer – Fan	35 8 1
56-1700	Holder – Brush	49 18 1	67-1690	Fitting – Fuel Elbow 90°	22 35 2
56-1710	Spring – Brush	49 19 4	67-1750	Bushing – Sleeve	57 9 12
56-1720	Bracket – Rear	49 17 1	67-1750	Bushing – Sleeve	59 27 8
57-6390	Nut – Lock	35 27 2	67-1750	Bushing – Sleeve	55 54 4
61-2790	Screen – Filler	14 3 1	67-1751	Bushing – Sleeve	54 10 2
62-3820	Fitting – Grease	34 24 1	67-2200	Seal	41 4 4
62-5550	Decal – TORO	1 1 1	67-2210	Plug – Taper	44 36 3
62-5550	Decal – TORO (Europe)	51 13 1	67-2230	Seal – Oil	44 14 1
62-6300	Sleeve Assembly	52 10 1	67-2250	Bolt	41 5 8
62-7400	Decal – TORO	1 11 1	67-2260	Shaft – Idler	44 34 1
62-7650	Gasket – Sending Unit	22 7 1	67-2270	Case – Oil Seal	44 15 1
63-6360	Bracket – Engine Rear	36 58 1	67-2280	Gasket – Seal Oil	44 13 1
63-6361	Bracket – Engine Rear	36 * 1	67-2290	Cover	44 10 1
63-6362	Bracket – Engine Front	36 59 2	67-2300	Gasket	44 9 1
63-6720	Bracket – Fan Idler	35 41 1	67-2310	Plate – Front	40 6 1
63-6760	Throttle Cable Swivel Assy.	6 29 2	67-2320	Gasket – Plate	40 7 1
63-6890	Hinge – Hood R.H.	1 * 1	67-2330	Bolt	43 3 2
63-6900	Hinge – Hood L.H.	1 15 1	67-2330	Bolt	44 16 6
63-7140	Mount – Engine	35 34 4	67-2330	Bolt	42 34 4
63-7380	Expansion Tank Assembly	51 6 1	67-2330	Bolt	42 49 2
63-7400	Washer – Flat	35 33 4	67-2340	Bolt W/Washer	40 3 3
63-7440	Solenoid – Stop	34 10 1	67-2340	Bolt W/Washer	44 11 2
63-7590	Relay – Starter	32 35 1	67-2340	Bolt W/Washer	42 17 4
63-7610	Hose – Fuel	22 1 1	67-2340	Screw – Hex. Washer Hd.	34 18 1
63-7610	Hose – Fuel	53 8 1	67-2350	Plug – Expansion	44 25 1
63-7620	Hose – Fuel	53 4 1	67-2360	Bushing – Knock	44 26 2
63-7628	Hose – Fuel	22 29 1	67-2370	Bushing – Knock	44 32 1
63-7640	Unit – Sending	22 8 1	67-2380	Bushing – Knock	44 27 3
63-7650	Filter – Fuel	22 32 1	67-2390	Plug – Taper	44 24 1
63-7732	Cable – Brake R.H.	5 * 1	67-2410	Bearing Set 0.25 mm US	41 * 1
63-7733	Cable – Brake L.H.	5 29 1	67-2420	Bearing Set 0.50 mm US	41 * 1
63-7790	Screw – Cap Hex. Hd.	35 11 8	67-2430	Bracket – Starter	44 23 1
63-7880	Pin – Brake Latch	5 28 1	67-2440	Bolt W/Washer	44 22 3
63-7900	Rack – Parking Brake	3 20 1	67-2480	Gasket – Oil Pan	40 17 1
63-8140	Pulley – Idler	35 43 1	67-2500	Plunger – Relief	40 25 1
63-8280	Head – Fuel Filter	53 2 1	67-2510	Spring – Relief	40 26 1
63-8290	Vent – Air	53 3 1	67-2520	Plug	40 28 1
63-8300	Element – Spin-On	53 7 1	67-2530	Gear – Inner	40 12 1
63-7650	Fuel Filter Assembly	53 * 1	67-2540	Gear – Outer	40 11 1
63-8310	Valve – Drain	53 6 1	67-2550	Housing – Oil Pump	40 10 1
63-8360	Key – Ignition	11 9 1	67-2560	Bolt W/Washer	40 9 3
63-8410	Washer – Flat	22 27 3	67-2570	Plug – Taper	42 19 1
63-8410	Washer – Flat	14 37 3	67-2570	Plug – Taper	40 29 1
65-5100	Handle	1 5 2	67-2580	Gasket – Case	40 2 1

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67-2600	Bolt	43 5 1	67-3390	Gasket - Nozzle Holder	44 7 3
67-2600	Bolt	40 21 3	67-3400	Pipe Assembly #1	45 42 1
67-2610	Bolt	43 9 2	67-3410	Pipe Assembly #2	45 43 1
67-2610	Bolt	40 22 4	67-3420	Pipe Assembly #3	44 1 1
67-2620	Bolt	40 24 1	67-3430	Nut	44 2 3
67-2630	Seal - O-Ring	40 20 2	67-3440	Gasket	44 4 3
67-2640	Cap	40 30 1	67-3460	Housing - Pump	46 9 1
67-2650	Oil Fill Cap Assembly	40 32 1	67-3480	Seal - O-Ring	46 4 3
67-2660	Seal - O-Ring	40 31 1	67-3490	Spring	46 5 3
67-2670	Hose - Breather	42 8 1	67-3500	Valve	46 7 3
67-2680	Hanger - Engine	42 16 2	67-3520	Sleeve	46 10 3
67-2700	Guide - Valve	42 42 6	67-3530	Seat - Spring Upper	46 11 3
67-2710	Cap - Sealing	42 41 3	67-3540	Spring	46 12 3
67-2730	Bolt	42 43 8	67-3550	Seat - Spring Lower	46 13 3
67-2740	Bolt - Flange	42 15 3	67-3560	Plate - Shim 1.85 mm	46 14 1
67-2760	Gasket	42 14 1	67-3570	Plate - Shim 1.9 mm	46 * 1
67-2770	Nut - Cap	42 12 2	67-3580	Plate - Shim 1.95 mm	46 * 1
67-2780	Washer	42 13 2	67-3590	Plate - Shim 2.0 mm	46 * 1
67-2850	Connecting Rod Assembly	38 9 3	67-3600	Plate - Shim 2.05 mm	46 * 1
67-2860	Bolt	38 12 6	67-3610	Plate - Shim 2.1 mm	46 * 1
67-2890	Bearing Set 0.25 mm US	38 * 3	67-3620	Plate - Shim 2.15 mm	46 * 1
67-2900	Bearing Set 0.50 mm US	38 * 3	67-3630	Plate - Shim 2.2 mm	46 * 1
67-2910	Gear	38 7 1	67-3640	Plate - Shim 2.25 mm	46 * 1
67-2930	Pulley - Crankshaft	38 19 1	67-3650	Plate - Shim 2.3 mm	46 * 1
67-2940	Nut - Jam	38 22 1	67-3660	Plate - Shim 2.35 mm	46 * 1
67-2950	Washer	38 20 1	67-3670	Plate - Shim 2.4 mm	46 * 1
67-2960	Washer - Lock	38 21 1	67-3680	Plate - Shim 2.45 mm	46 * 1
67-2970	Flywheel Assembly	38 13 1	67-3690	Plate - Shim 2.5 mm	46 *14 1
67-2980	Gear - Ring	38 15 1	67-3700	Tappet	46 15 3
67-2990	Bolt	38 14 4	67-3710	Screw - Air Bleed	46 24 1
67-3000	Washer	41 10 2	67-3720	Washer	46 23 1
67-3010	Cam Shaft	41 7 1	67-3730	Screw	46 22 1
67-3020	Gear	41 12 1	67-3740	Holder - Delivery Valve	46 3 3
67-3030	Bearing	41 9 2	67-3740	Nipple - Swivel	46 21 1
67-3040	Plate	41 14 1	67-3750	Washer	46 20 2
67-3050	Bearing	41 22 1	67-3760	Plate - Lock	46 2 3
67-3060	Shaft	41 21 1	67-3770	Screw W/Washer	46 1 3
67-3070	Gear	41 17 1	67-3780	Rack	46 19 1
67-3080	Snap Ring	41 23 1	67-3790	Screw	46 17 2
67-3090	Gear Assembly	41 13 1	67-3800	Bracket - Wire Stop	46 18 1
67-3100	Retainer	38 32 6	67-3810	Pin - Tappet Guide	46 16 3
67-3110	Spring	38 31 6	67-3830	Washer 1.25 mm	46 31 1
67-3120	Tappet	38 6 6	67-3840	Washer 1.3 mm	46 * 1
67-3130	Valve - Intake	38 28 3	67-3850	Washer 1.35 mm	46 * 1
67-3140	Valve - Exhaust	38 29 3	67-3860	Washer 1.4 mm	46 * 1
67-3150	Rod - Push	38 5 6	67-3870	Washer 1.45 mm	46 * 1
67-3160	Arm - Rocker	38 1 6	67-3880	Washer 1.5 mm	46 * 1
67-3170	Spring	39 40 2	67-3890	Washer 1.55 mm	46 * 1
67-3180	Cap	38 34 6	67-3900	Washer 1.6 mm	46 * 1
67-3190	Rocker Shaft Assembly	38 38 1	67-3910	Washer 1.65 mm	46 * 1
67-3200	Stay - Rocker	38 35 3	67-3920	Washer 1.7 mm	46 * 1
67-3210	Screw - Adjusting	38 4 6	67-3930	Spring	46 30 3
67-3220	Pin	38 37 1	67-3940	Pin - Pressure	46 29 3
67-3230	Nut - Jam	38 2 6	67-3950	Piece - Distance	46 28 3
67-3240	Snap Ring	38 3 2	67-3960	Nozzle	46 27 3
67-3250	Bolt - Rocker Stay	39 43 2	67-3970	Nut - Retaining	46 25 3
67-3260	Washer	50 3 1	67-3980	Gasket	46 26 1
67-3260	Washer	48 8 2	67-3990	Lever - Speed Control	48 1 1
67-3260	Washer	39 41 3	67-4000	Pin	48 2 2
67-3280	Shim 0.2 mm	44 38 1	67-4010	Stopper	48 15 1
67-3290	Shim 0.3 mm	44 * 1	67-4030	Rod - Tie	48 23 1
67-3300	Shim 0.5 mm	44 * 1	67-4040	Weight Assembly	48 13 1
67-3310	Shim 0.4 mm	44 * 1	67-4050	Shaft - Governor	48 19 1
67-3320	Shim 0.6 mm	44 * 1	67-4060	Lever - Governor	48 18 1
67-3330	Shim 0.7 mm	45 38 1	67-4070	Shaft - Sliding	48 16 1
67-3340	Shim 0.8 mm	45 * 1	67-4080	Clip	48 24 1
67-3350	Shim 0.9 mm	45 * 1	67-4090	Lever - Tension	48 21 1
67-3360	Shim 1.0 mm	45 * 1	67-4120	Pin - Grooved	48 35 1
67-3370	Bolt W/Washer	45 39 4	67-4140	Lever - Stop	48 11 1
67-3380	Nozzle & Holder Assembly	47 * 3	67-4150	Lever - Stop	48 40 1

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67-4160	Gasket	48 5 1	70-2780	Piston	61 5 1
67-4270	Bolt	48 3 4	70-2780	Piston	62 5 1
67-4280	Bolt W/Washer	48 17 1	70-2780	Piston	64 5 1
67-4290	Nut	48 34 1	70-8220	Cable - Ground	35 31 1
67-4310	Gasket	38 23 1	70-8530	Wire - Fuel Pump	22 33 1
67-4330	Oil Filter Assembly	45 40 1	70-8530	Wire - Fuel Pump	45 46 1
67-4340	Screen Assembly	44 31 1	70-8570	Breaker - Circuit, 40 Amp	12 * 2
67-4350	Switch - Oil Pressure	43 8 1	70-8700	Pipe - Fuel Return	44 3 1
67-4360	Pulley - Water Pump	43 1 1	70-8720	Spring - Tie Rod	48 22 1
67-4380	Water Pump Assembly	43 6 1	70-8760	Starter Assembly	49 1 1
67-4390	Gasket - Water Pump	43 7 1	70-8770	Bracket - Front	49 3 1
67-4400	Bolt	42 1 2	70-8780	Bracket - Center	49 6 1
67-4400	Bolt	43 4 1	70-8870	Guide - Oil Level	44 8 1
67-4410	V-Belt	43 2 1	70-8880	Dipstick	44 5 1
67-4420	Fitting - Water	42 46 1	71-1520	Cap - Expansion Tank	51 7 1
67-4430	Gasket - Fitting	42 45 1	71-4330	Seal	26 41 1
67-4440	Thermostat	42 38 1	71-4350	Nut	25 20 1
67-4450	Fitting - Thermostat	42 32 1	72-3570	Shim .094 - Diff. Adjust.	25 22 A/R
67-4460	Gasket - Switch	42 31 1	72-3571	Shim .096 - Diff. Adjust.	25 * A/R
67-4470	Bolt	42 33 1	72-3572	Shim .098 - Diff. Adjust.	25 * A/R
67-4480	Pipe - By-Pass	42 37 1	72-3573	Shim .100 - Diff. Adjust.	25 * A/R
67-4490	Gasket	42 30 1	72-3574	Shim .102 - Diff. Adjust.	25 * A/R
67-4500	Switch - Thermo	42 29 1	72-3575	Shim .104 - Diff. Adjust.	25 * A/R
67-4510	Gauge Nut - Temperature	42 35 1	72-3576	Shim .106 - Diff. Adjust.	25 *22 A/R
67-4550	Gasket-Intake Manifold	42 44 1	72-3577	Shim .108 - Diff. Adjust.	25 * A/R
67-4560	Manifold - Exhaust	42 24 1	72-3578	Shim .110 - Diff. Adjust.	25 * A/R
67-4570	Gasket - Exhaust Manifold	42 26 1	72-3580	Shim .112 - Diff. Adjust.	25 * A/R
67-4580	Bolt	42 22 2	72-3581	Shim .114 - Diff. Adjust.	25 * A/R
67-4590	Bolt	42 23 4	72-3582	Shim .116 - Diff. Adjust.	25 * A/R
67-4610	Bolt W/Washer	49 2 2	72-3583	Shim .118 - Diff. Adjust.	25 * A/R
67-4620	Spacer	50 21 1	72-3584	Shim .120 - Diff. Adjust.	25 * A/R
67-4630	Alternator Assembly	50 1 1	72-3585	Shim .125 - Diff. Adjust.	25 * A/R
67-4640	Bolt	50 22 1	72-3586	Shim .127 - Diff. Adjust.	25 * A/R
67-4660	Bolt - Flange	50 26 1	72-3587	Shim .129 - Diff. Adjust.	25 * A/R
67-4670	Nut	50 2 1	72-3588	Shim .131 - Diff. Adjust.	25 * A/R
67-4680	Plug - Glow	42 39 3	72-3590	Shim .133 - Diff. Adjust.	25 * A/R
67-4690	Plate - Glow Plug	42 40 1	72-3591	Shim .135 - Diff. Adjust.	25 * A/R
67-4700	Lamp - Glow	42 27 1	72-3592	Shim .137 - Diff. Adjust.	25 * A/R
67-4720	Lever	49 4 1	72-3593	Shim .139 - Diff. Adjust.	25 * A/R
67-4730	Spring Set	49 5 1	72-3594	Shim .141 - Diff. Adjust.	25 * A/R
67-4750	Switch	49 7 1	72-3595	Shim .143 - Diff. Adjust.	25 * A/R
67-4760	Shaft Assembly	49 15 1	72-3596	Shim .145 - Diff. Adjust.	25 * A/R
67-4770	Pinion Set	49 14 1	72-3597	Shim .147 - Diff. Adjust.	25 * A/R
67-4780	Gear Set	49 12 1	72-3598	Shim .149 - Diff. Adjust.	25 * A/R
67-4790	Shaft	49 11 1	72-3600	Shim .151 - Diff. Adjust.	25 * A/R
67-4800	Yoke	49 20 1	72-6140	Cover - Rear	50 27 1
67-4810	Pulley Set	50 16 1	72-6950	Retainer - Oil Guide	45 44 1
67-4820	Bolt Set	50 20 1	74-0720	Tube - Manual	6 10 1
67-4830	Front Bracket Assembly	50 15 1	74-3810	Load Plate Assembly	21 9 1
67-4840	Screw Set	50 18 1	74-5520	Clutch - Fan	35 53 1
67-4850	Bearing - Front	50 19 1	74-5950	Latch - Swell	11 5 1
67-4860	Rotor Assembly	50 7 1	74-5950	Swell Latch Assembly	1 21 3
67-4870	Bearing - Rear	50 6 1	74-9100	Pad - Forward	5 12 1
67-4880	Stator	50 10 1	74-9110	Pad - Reverse	5 14 1
67-4890	Rear Cover Assembly	50 9 1	75-0010	Transmission Assembly	23 9 1
67-4900	Terminal Set	50 11 1	75-0020	Housing	28 5 1
67-4910	Regulator Assembly	50 12 1	75-0030	Gasket - Housing	28 46 1
67-4920	Brush	50 13 2	75-0040	Center Section	28 18 1
67-4930	Rectifier	50 8 1	75-0060	Plug	28 20 4
67-5040	Spring	48 20 1	75-0070	Plug	28 41 1
67-7160	Block - Fuse	11 21 2	75-0090	Screw - Cap Hex Hd.	28 9 8
67-7250	Spacer - Cylinder	54 13 1	75-0110	Screw - Cap Hex Hd.	28 35 2
67-7960	Decal - Hands/Feet (US)	58 * 3	75-0120	Screw - Cap Hex Hd.	28 28 1
67-7960	Decal - Hands/Feet (US)	60 * 2	75-0130	Screw - Cap Hex Hd.	28 24 3
67-9410	Washer - Thrust	54 29 2	75-0140	Spring - Conical	28 26 1
68-5140	Cap - Steering Wheel	3 7 1	75-0150	Guide - Seal	28 2 1
68-5370	Decal - TORO	3 5 1	75-0160	Plug - Pipe	28 47 1
68-6150	Breather - Hydraulic Tank	14 2 1	75-0170	Plug - Straight Thread	28 19 4
69-4780	Clamp - Light Cluster	12 42 1	75-0180	Screw - Cap Hex Hd.	28 36 2
69-8930	Washer	20 13 8	75-0190	Plug - Special	28 27 2
69-8960	Spacer	20 29 4	75-0200	Plug - Straight Thread	28 38 2

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75-0230	Seal - Lip	28 8 1	75-1470	Shaft - Brake Pedal	5 36 1
75-0240	O-Ring	28 21 6	75-1490	Rod - Parking Brake	3 13 1
75-0250	Pin - Slotted	28 54 1	75-2010	Cartridge - Relief 2000 psi	17 14 1
75-0260	Valve - Relief	28 23 4	75-2080	Kit - Seal	17 * 10
75-0270	Spring	28 39 1	75-2090	Kit - Seal	17 * 3
75-0280	Spring	28 42 1	75-2120	Shaft W/Tube	64 7 1
75-0290	Spring	28 43 2	75-2170	Tube - Pump Control	5 37 1
75-0300	Valve - SCR	28 25 1	75-2240	Hose - Radiator Upper	32 18 1
75-0310	Shim	28 40 1	75-2260	Hose - Radiator Lower	32 21 1
75-0320	Nipple	28 37 1	75-2430	Coupling - Transmission	30 7 1
75-0330	Seal - Lip	28 34 1	75-2810	Clamp - Steering Valve	3 3 1
75-0340	Bearing - Needle	28 33 1	75-2820	Grill - Hood	1 7 1
75-0350	Pin	28 31 1	75-2850	Hose - Expansion Tank	51 9 1
75-0360	Gerotor	28 30 1	75-2850	Hose - Expansion Tank	32 10 1
75-0370	O-Ring	28 29 1	75-2900	Rear Axle Assembly	55 45 1
75-0380	Plate - Valve	28 15 1	75-2970	Pedal - Traction	5 13 1
75-0390	Plate - Swash	28 12 1	75-3010	Joint - Arm	59 41 2
75-0400	Plate - Thrust	28 13 2	75-3010	Joint - Arm	58 54 3
75-0410	O-Ring	28 3 1	75-3110	Collar - Transmission	23 8 1
75-0430	Ring - Retaining	28 1 1	75-3130	Rod - Tie	54 37 2
75-0440	Shaft - Motor	28 45 1	75-3270	Lever - Traction Pivot	5 8 1
75-0450	Collar	28 50 1	75-3390	Bracket - Backlap	32 39 1
75-0460	Bearing - Ball	28 51 2	75-3400	Shaft - Seat Pivot	6 14 1
75-0470	Cylinder Block Kit	28 14 2	75-3420	Lift Control Assembly (US)	11 37 1
75-0480	Pin	28 10 2	75-3430	Rod - Throttle	6 34 1
75-0500	Bearing - Needle	28 16 2	75-3480	Weldment - Upper	8 23 1
75-0510	Pin	28 17 2	75-3510	Bolt - Shoulder	8 26 2
75-0520	Bearing - Ball	28 4 1	75-3530	Spring - Compression	8 3 1
75-0550	Strainer - Suction	14 29 1	75-3540	Pin - Roll	8 6 1
75-0560	Steering Wheel Assembly	3 4 1	75-3550	Bumper - Seat	8 7 2
75-0570	Cable - Hood	1 14 1	75-3580	Plate - Seat Mounting	8 2 1
75-0600	Steering Valve Assembly	4 * 1	75-3680	Rod - Seat	6 18 1
75-0600	Steering Valve Assembly	3 26 1	75-3710	Dipstick	14 4 1
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75-0650	Tread - Footrest L.H.	2 36 1	75-3860	Fender - L.H.	2 29 1
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75-0750	Decal - Backlap Switch (US)	32 41 1	75-4130	Plate - Switch	29 7 1
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75-5090	Piston & Pin Set	38 * 3	75-6580	Cable - Pedal	5 7 1
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75-6240	Hose - Hydraulic IN	3 19 1	84-3420	Decal - No Riders (Japan)	1 * 2
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86-7330	Seal repair Kit	62 * 1	93-0143	Cartridge - Relief 250 psi	18 18 1
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93-8742	Pad - Brake	5 26 2	94-8102	Tube - Interlock (Europe)	12 62 1
93-8744	Rivet	2 55 3	94-8103	Boot - Lift Control	12 40 1
93-8744	Rivet	12 60 3	94-8104	Switch - Micro	12 38 2
93-9151	Fitting - Hydraulic	20 30 4	94-8166	O-Ring	14 7 1
93-9310	Hydraulic Cylinder Assembly	57 46 1	94-9157	Fuse - 4A	11 20 1
93-9311	Hydraulic Cylinder Assembly	60 48 2	94-9432	Engine Assembly	35 22 1
93-9312	Barrel Assembly	62 2 1	95-1821	Spring - Compression	3 12 1

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95-3045	Kit - Hydraulic Hose	20 * 1	237-80	Seal - O-Ring	17 20 1
95-9605	Bolt - High Speed Set	48 33 1	237-81	Seal - O-Ring	14 12 4
98-2350	Seat Plate Assembly	6 15 1	237-81	Seal - O-Ring	16 26 1
98-2353	Bracket - Seat Latch	6 37 2	237-81	Seal - O-Ring	23 26 2
98-2354	Latch - Seat	6 36 1	237-141	Bumper	2 42 2
98-2359	Frame - Seat	6 27 1	237-156	Seal - O-Ring	17 16 2
217-120	Rim	24 46 2	237-161	Seal - O-Ring	23 31 1
217-121	Rim	54 20 2	237-162	Seal - O-Ring	30 5 1
218-446	Nut - Locking	11 10 1	237-163	Seal - O-Ring	30 9 1
218-447	Washer - E.T.L.W.	11 11 1	237-165	Grommet	55 46 2
218-498	Nut - Hex.	11 6 2	237-181	Seal - O-Ring	23 3 1
218-498	Nut - Lock	32 42 2	240-3	Grommet	32 51 2
218-533	Lens - Red	3 36 1	240-5	Grommet - Rubber	20 28 4
218-535	Nut - Lock	3 33 1	240-11	Grommet	22 28 3
218-536	Washer - Lock	3 34 1	240-11	Grommet	14 39 3
218-547	Fuse - 7.5A	11 * 1	241-119	Cap - Dust	54 24 2
218-578	Fuse - 10A	11 * 3	242-34	Stud - Flange Axle	27 9 10
218-579	Wire - Fuel Pump	22 34 1	242-50	Nut - Lug	54 26 10
218-579	Wire - Fuel Pump	45 47 1	2411-36	Bearing - Rod End	5 2 1
218-589	Washer - Lock	11 4 1	2412-34	Clamp - Hose	30 2 1
218-594	Fuse - 20A	11 * 1	2412-34	Clamp - Hose	14 18 3
219-17	Bulb - Light	11 * 4	2412-34	Clamp - Hose	32 19 2
219-19	Bulb - Light	12 * 1	2412-36	Clamp - Drain	22 24 1
2142-126	Clamp-R	12 53 1	2412-42	Clamp - Hose	51 2 1
231-134	Tire	24 45 2	2412-81	Clamp - R	34 19 1
231-141	Tire	54 19 2	2412-92	Clamp - Hose	35 16 1
232-27	Stem - Valve	24 47 2	2412-93	Clamp - R	14 32 2
232-35	Stem - Valve	54 21 2	2412-93	Clamp - R	7 50 1
233-17	Knob - Parking Brake	3 9 1	2412-93	Clamp-R	60 53 2
233-42	Knob	5 19 1	2412-103	Clamp - R	32 25 2
233-42	Knob - Throttle	6 35 1	2412-107	R-Clamp	2 53 1
237-21	O-Ring	59 14 4	2412-108	Clamp - Hose	53 5 2
237-21	Seal - O-Ring	18 2 7	2412-108	Clamp - Hose	22 12 11
237-21	Seal - O-Ring	19 2 7	2412-108	Clamp - Hose	33 61 1
237-21	Seal - O-Ring	20 4 5	2412-129	Clamp - Hose	23 24 2
237-21	Seal - O-Ring	57 5 8	2412-133	Clamp - R	7 42 2
237-21	Seal - O-Ring	16 18 4	251-259	Bearing - Ball	29 11 2
237-21	Seal - O-Ring	54 33 2	251-318	Bearing - Ball	35 7 2
237-22	O-Ring	20 36 4	253-129	Seal - Grease	54 28 2
237-22	Seal - O-Ring	16 1 1	254-65	Cone-Tapered Bearing	26 28 2
237-22	Seal - O-Ring	23 12 2	254-66	Cup-Tapered Bearing	26 27 2
237-22	Seal - O-Ring	18 14 2	254-72	Cup - Bearing	54 17 4
237-22	Seal - O-Ring	3 14 5	254-91	Cone-Bearing	25 23 1
237-22	Seal - O-Ring	30 15 1	254-94	Cone - Bearing	54 16 4
237-22	Seal - O-Ring	14 23 6	256-42	Bushing - Sleeve	5 34 2
237-30	Seal - O-Ring	30 11 2	256-113	Bushing - Flange	29 19 2
237-30	Seal - O-Ring	17 12 1	256-115	Washer - Thrust	59 26 8
237-30	Seal - O-Ring	16 13 7	256-115	Washer - Thrust	57 41 11
237-30	Seal - O-Ring	20 19 19	256-121	Washer - Thrust	54 12 2
237-42	O-Ring	15 49 1	256-236	Bearing - Flange	5 24 4
237-42	Seal - O-Ring	17 5 2	256-287	Bushing - Flange	59 38 4
237-42	Seal - O-Ring	18 16 2	282-4	Clevis - Spring	59 3 2
237-42	Seal - O-Ring	14 25 4	282-4	Clevis - Spring	57 21 3
237-65	Seal - O-Ring	14 10 5	283-6	Pin - Clevis	59 10 2
237-65	Seal - O-Ring	16 22 1	283-6	Pin - Clevis	57 15 3
237-65	Seal - O-Ring	32 47 2	283-58	Pin - Clevis	5 30 4
237-78	O-Ring	59 12 4	302-5	Fitting - Grease	61 1 1
237-78	Seal - O-Ring	17 1 12	302-5	Fitting - Grease	62 1 1
237-78	Seal - O-Ring	20 2 5	302-5	Fitting - Grease	63 1 1
237-78	Seal - O-Ring	57 3 6	302-5	Fitting - Grease	64 1 1
237-78	Seal - O-Ring	18 4 7	302-5	Fitting - Grease	56 7 2
237-78	Seal - O-Ring	19 4 8	302-5	Fitting - Grease	54 11 4
237-78	Seal - O-Ring	16 7 5	302-5	Fitting - Grease	57 11 6
237-78	Seal - O-Ring	23 16 1	302-5	Fitting - Grease	29 20 1
237-78	Seal - O-Ring	54 31 2	302-5	Fitting - Grease	59 29 4
237-79	Seal - O-Ring	16 9 6	302-5	Fitting - Grease	5 39 1
237-79	Seal - O-Ring	17 10 1	302-10	Fitting - Grease 45°	36 63 1
237-79	Seal - O-Ring	23 10 2	302-58	Fitting - Grease	34 4 1
237-79	Seal - O-Ring	30 17 3	304-46	Drain - Radiator	32 52 1
237-79	Seal - O-Ring	20 18 10	304-46	Fitting - Drain	22 25 1
237-79	Seal - O-Ring	15 45 1	321-2	Screw - Cap Hex. Hd.	24 49 1

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321-4	Screw - Cap Hex. Hd.	7 46 1	3217-6	Nut - Hex.	29 28 1
321-4	Screw - Cap Hex. Hd.	35 50 1	3217-6	Nut - Jam	8 32 1
321-5	Screw - Cap Hex. Hd.	51 24 2	3217-9	Nut - HH (Europe)	51 32 2
321-6	Screw - Cap Hex. Hd.	37 2 4	3218-1	Nut - Jam	23 2 1
321-6	Screw - Cap Hex. Hd.	22 31 2	3219-2	Nut	25 1 8
321-8	Screw - Cap Hex. Hd.	22 6 2	3220-3	Nut - Jam	5 1 2
321-11	Screw - Cap Hex. Hd.	19 6 4	3220-3	Nut - Jam	54 14 8
321-15	Screw - Cap Hex. Hd.	11 33 3	3220-5	Nut - Jam	54 36 2
321-18	Screw - Cap Hex. Hd.	18 5 4	3220-6	Nut	4 27 1
321-23	Screw - Cap Hex. Hd.	14 13 2	3220-6	Nut - Steering Wheel	3 8 1
321-39	Screw - Cap Hex. Hd.	1 10 7	3220-7	Nut - Jam	54 23 2
321-39	Screw - Cap Hex. Hd.	11 26 2	3220-12	Nut - Jam L.H. Thread	54 38 2
322-2	Screw - Cap Hex. Hd.	32 40 2	3230-2	Bolt - Carriage	35 13 1
322-2	Screw - Cap Hex. Hd.	35 51 4	3234-5	Screw - Cap Hex. Hd.	2 58 1
322-3	Screw - Cap Hex. Hd.	6 13 13	3234-5	Screw - Whiz Lock	33 63 6
322-3	Screw - Cap Hex. Hd.	35 14 4	3234-7	Screw - HH (Europe)	2 57 1
322-3	Screw - Cap Hex. Hd.	29 18 2	3234-13	Screw - Cap Hex. Hd.	55 52 2
322-3	Screw - Cap Hex. Hd.	5 25 8	3234-14	Screw - Hex. Washer Hd.	2 30 14
322-3	Screw - Cap Hex. Hd.	1 27 4	3250-29	Screw - Cap Hex. Hd.	6 7 4
322-3	Screw - Cap Hex. Hd.	16 28 4	3253-3	Washer - Lock	11 32 3
322-3	Screw - Cap Hex. Hd.	11 35 2	3253-3	Washer - Lock	6 32 1
322-4	Screw - Cap Hex. Hd.	34 12 1	3253-3	Washer - Lock	24 50 1
322-4	Screw - Cap Hex. Hd.	51 15 3	3253-4	Washer - Lock	3 2 2
322-4	Screw - Cap Hex. Hd.	32 32 2	3253-4	Washer - Lock	6 12 4
322-4	Screw - Cap Hex. Hd.	2 33 2	3253-4	Washer - Lock	59 16 2
322-5	Screw - Cap Hex. Hd.	32 3 4	3253-4	Washer - Lock	1 17 4
322-5	Screw - Cap Hex. Hd.	59 6 3	3253-4	Washer - Lock	29 17 2
322-5	Screw - Cap Hex. Hd.	1 18 4	3253-4	Washer - Lock	16 29 4
322-5	Screw - Cap Hex. Hd.	57 26 3	3253-4	Washer - Lock	35 49 4
322-5	Screw - Cap Hex. Hd.	51 28 6	3253-4	Washer - Lock	33 53 4
322-5	Screw - Cap Hex. Hd.	35 35 8	3253-5	Washer - Lock	30 4 2
322-5	Screw - Cap Hex. Hd.	12 54 1	3253-6	Washer - Lock	8 25 2
322-5	Screw - HH	19 17 2	3253-7	Washer - Lock	59 39 4
322-6	Screw - Cap Hex. Hd.	59 17 4	3253-7	Washer - Lock	58 58 6
322-6	Screw - Cap Hex. Hd.	8 30 1	3253-7	Washer - Lock	36 61 8
322-7	Screw - Cap Hex. Hd.	29 10 1	3253-15	Washer - Lock	22 9 5
322-9	Screw - Cap Hex. Hd.	34 1 2	3253-19	Washer - Lock	11 29 2
322-10	Screw - Cap Hex. Hd.	29 3 1	3253-21	Washer - Lock	51 20 1
322-11	Screw - Cap Hex. Hd.	35 39 1	3253-21	Washer - Lock	23 29 2
322-12	Screw - Cap Hex. Hd.	34 23 2	3253-21	Washer - Lock	14 42 2
322-12	Screw - Cap Hex. Hd.	59 32 2	3253-21	Washer - Lock	36 56 1
322-13	Screw - Cap Hex. Hd.	18 29 4	3253-27	Washer - Lock (Europe)	51 31 2
322-13	Screw - Cap Hex. Hd.	57 35 6	3253-33	Washer - Lock	8 31 1
322-13	Screw - Cap Hex. Hd.	60 50 3	3255-8	Washer - Lock	35 18 2
323-4	Screw - Cap Hex. Hd.	14 43 2	3255-8	Washer - Lock ETLW	3 15 1
323-4	Screw - Cap Hex. Hd.	7 47 2	3255-8	Washer - Lock	25 2 8
323-6	Screw - Cap Hex. Hd.	54 1 4	3255-9	Washer - Lock E.T.L.W.	35 30 1
323-6	Screw - Cap Hex. Hd.	35 9 2	3256-1	Washer - Flat	11 13 5
323-6	Screw - Cap Hex. Hd.	60 54 2	3256-1	Washer - Flat	3 29 2
323-7	Screw - Cap Hex. Hd.	35 42 1	3256-1	Washer - Flat	2 44 10
323-9	Screw - Cap Hex. Hd.	5 3 1	3256-3	Washer - Flat	1 24 4
323-9	Screw - Cap Hex. Hd.	51 19 1	3256-3	Washer - Flat	11 34 3
323-9	Screw - Cap Hex. Hd.	36 55 1	3256-5	Washer - Flat	8 4 1
323-11	Screw - Cap Hex. Hd.	35 32 3	3256-6	Washer - Flat	59 40 4
323-11	Screw - Cap Hex. Hd.	57 39 1	3256-6	Washer - Flat	58 57 6
323-12	Screw - Cap Hex. Hd.	30 3 2	3256-22	Washer - Flat	37 3 8
323-12	Screw - Cap Hex. Hd.	23 28 2	3256-22	Washer - Flat	22 4 2
323-12	Screw - Cap Hex. Hd.	58 56 2	3256-22	Washer - Flat	5 6 2
323-20	Screw - Cap Hex. Hd.	23 42 2	3256-22	Washer - Flat	3 11 4
324-7	Screw - Cap Hex. Hd.	23 21 4	3256-22	Washer - Flat	32 15 4
325-4	Screw - Cap Hex. Hd.	59 35 4	3256-23	Washer - Flat	32 4 4
325-4	Screw - Cap Hex. Hd.	58 59 6	3256-23	Washer - Flat	59 7 10
325-7	Screw - Cap Hex. Hd.	23 6 2	3256-23	Washer - Flat	6 11 8
325-8	Screw - HH (Europe)	51 33 2	3256-23	Washer - Flat	1 16 6
327-2	Screw - Cap Hex. Hd.	54 3 1	3256-23	Washer - Flat	57 25 3
328-7	Screw - Cap Hex. Hd.	57 18 4	3256-23	Washer - Flat	3 31 6
328-12	Screw - Cap Hex. Hd.	57 13 2	3256-23	Washer - Flat	35 38 5
328-25	Screw - Cap Hex. Hd.	54 30 1	3256-24	Washer	8 5 1
328-27	Screw - Cap Hex. Hd.	55 49 1	3256-24	Washer - Flat	54 2 2
3210-7	Screw - Cap Hex Hd.	25 19 8	3256-24	Washer - Flat	5 4 1

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3256-24	Washer - Flat	51	21	1	3296-42	Nut - Lock	18	21	4
3256-24	Washer - Flat	57	24	3	3296-42	Nut - Lock	11	22	4
3256-24	Washer - Flat	59	30	4	3296-42	Nut - Lock	3	30	2
3256-24	Washer - Flat	35	37	4	3296-42	Nut - Lock	35	47	1
3256-24	Washer - Flat	14	41	2	3296-44	Nut - Lock	8	22	1
3256-26	Washer - Flat	29	2	1	3296-44	Nut - Lock	57	23	4
3256-26	Washer - Flat	3	22	1	3296-48	Nut - Lock	23	39	4
3256-26	Washer - Flat	8	24	2	3296-51	Nut - Lock	57	19	6
3256-40	Washer - Flat	36	62	4	3296-54	Nut - Lock	6	4	4
3256-46	Washer - Flat	8	20	1	3296-56	Nut - Lock	24	53	2
3256-69	Washer - Thrust	5	31	3	3296-59	Nut - Lock	5	22	1
3256-70	Washer - Flat	18	31	4	3296-59	Nut - Lock	36	57	1
3256-70	Washer - Flat	20	37	4	32104-76	Screw - Thread Forming	58	48	2
3256-70	Washer - Flat	57	37	6	32105-1	Screw - Cap Hex. Hd.	12	43	1
3256-70	Washer - Flat	60	46	2	32105-13	Screw - Cap Hex. Hd.	11	17	4
3258-19	Screw-Machine	52	6	2	32105-21	Screw	29	4	2
3258-166	Screw - Phillip Hd.	11	12	5	32107-11	Nut-Square	52	5	2
3258-166	Screw - Phillip Hd.	3	28	2	32108-9	Screw - Machine	24	54	1
3258-166	Screw - Phillip Hd.	2	45	3	32120-74	Ring - Retaining	28	53	1
3269-10	Washer - Back-up	33	55	7	32120-93	Ring - Retaining	59	25	4
3269-13	Rivet - Pop	32	29	7	32120-93	Ring - Retaining	57	29	6
3269-15	Rivet - Pop	32	49	8	32121-2	Pin - Roll	35	2	2
3272-2	Pin - Cotter	5	5	2	32121-6	Pin - Roll	5	9	1
3272-4	Pin - Cotter	1	20	2	32121-16	Pin - Roll	5	32	1
3272-5	Pin - Cotter	3	17	3	32121-27	Pin - Roll	57	2	3
3272-10	Pin - Cotter	29	1	1	32121-27	Pin - Roll	60	62	2
3272-10	Pin - Cotter	59	4	2	32121-38	Pin - Roll	6	19	1
3272-10	Pin - Cotter	57	17	3	32121-45	Pin - Roll	5	10	2
3272-10	Pin - Cotter	6	17	2	32121-50	Pin - Roll	5	41	1
3272-10	Pin - Cotter	3	21	1	32121-122	Pin - Roll	59	44	2
3272-10	Pin - Cotter	5	40	4	32121-122	Pin - Roll	58	55	3
3272-13	Pin - Cotter	54	25	2	32122-24	Screw - Round Hd.	22	10	5
3273-26	Screw - Hex. Socket Hd.	12	45	2	32128-20	Nut - Flange Head	19	18	2
3290-93	Screw - Cap Hex. Hd.	12	39	4	32128-20	Nut - Lock	51	29	3
3290-271	Rivet - Pop	32	13	2	32128-20	Nut - Whiz	33	62	6
3290-354	Plate - Nut	11	36	2	32128-25	Nut - Flange Head	7	51	4
3290-378	Tie - Cable	3	*	3	32128-26	Nut - Flange	8	21	4
3290-378	Tie - Cable	59	42	2	32128-33	Nut - Flange Head	2	52	3
3290-378	Tie - Cable	33	57	1	32128-33	Nut - Lock Flange	19	10	4
3290-378	Tie - Cable	58	68	5	32128-33	Nut - Lock Flange	51	14	2
3290-379	Tie - Cable	59	1	1	32128-33	Nut - Lock Flange	22	36	2
3290-379	Tie - Cable	57	14	3	32128-33	Nut - Lock Flange Hd.	12	55	3
3290-410	Tie - Cable Push On	3	*	4	32144-1	Screw - Cap Hex. Hd.	12	41	2
3290-461	Washer - Belleville	5	21	1	32144-10	Screw - Hex. Washer Hd.	14	33	2
3290-489	Knob - Lift Control	11	3	1	32144-14	Screw - Hex. Washer Hd.	60	55	2
3296-2	Nut - Lock	11	18	5	32144-14	Screw - Self Tapping	58	66	3
3296-9	Nut - Hex.	29	24	2	32144-18	Screw - Cap Hex. Hd.	12	46	2
3296-20	Nut - Lock	3	16	4	32144-21	Screw	3	6	1
3296-23	Nut - Lock	23	19	2	32144-22	Screw - Cap Hex. Hd.	29	13	4
3296-29	Nut - Lock	29	9	4	32144-26	Screw - Self-Tapping	3	1	2
3296-29	Nut - Lock	59	9	8	32144-58	Screw - Self Tapping	20	32	4
3296-29	Nut - Lock	34	17	5	32144-112	Screw - Cap Hex. Hd.	24	51	8
3296-29	Nut - Lock	35	21	9	32144-112	Screw-Thread Forming	25	13	8
3296-29	Nut - Lock	5	23	8	32149-1	Nut - Lock	35	45	1
3296-29	Nut - Lock	51	26	6	32151-36	Ring - Retaining	54	7	2
3296-29	Nut - Lock	32	27	2	32151-36	Ring - Retaining	60	47	4
3296-29	Nut - Lock	18	30	4	32151-41	Ring-Retaining	21	13	1
3296-29	Nut - Lock	6	39	10	32151-48	Ring - Retaining	59	5	2
3296-29	Nut - Lock	57	45	3	32151-48	Ring - Retaining	57	20	3
3296-39	Nut - Lock	54	5	2	32151-61	Ring - Retaining	59	18	4
3296-39	Nut - Lock	6	28	3	32151-62	Ring - Retaining	23	33	1
3296-39	Nut - Lock	35	29	4	32151-77	Ring - Retaining	54	40	1
3296-39	Nut - Lock	23	30	2	32152-10	Nut	61	3	1
3296-39	Nut - Lock	59	31	6	32152-10	Nut	62	3	1
3296-39	Nut - Lock	5	38	1	32152-10	Nut	63	3	1
3296-39	Nut - Lock	58	52	2	32152-10	Nut	64	3	1
3296-42	Nut - Lock	22	3	2	32153-6	Nut - Lock	54	6	2
3296-42	Nut - Lock	37	5	4	33103-025	Screw - Hex. Hd. Flange	22	26	3
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340-3	Fitting - Hydraulic Straight	23 14 1	353-991	Plug	17 17 2
340-3	Fitting - Hydraulic Straight	30 16 1	354-5	Coupling	31 14 2
340-4	Fitting - Hydraulic Straight	16 5 1	354-13	Pin - Dowel	31 13 2
340-4	Fitting - Hydraulic Straight	30 10 2	354-14	Pin - Dowel	31 21 2
340-8	Fitting - Hydraulic Straight	14 11 2	354-15	Seal - Oil	31 22 1
340-13	Fitting - Hydraulic	16 40 2	354-16	Washer	31 4 4
340-13	Fitting - Hydraulic	19 19 2	354-20	Fitting - Fuel Tee	22 15 1
340-13	Fitting - Hydraulic	58 64 2	354-21	Fitting - Fuel Straight	22 17 1
340-18	Fitting - Hydraulic 90°	23 13 1	354-22	Fitting - Fuel Straight	22 14 2
340-70	Nut - Bulkhead	20 11 2	354-35	Gasket	31 29 1
340-71	Fitting - Bulkhead Union	20 31 2	354-36	Cap - Adjuster Valve	31 30 1
340-77	Fitting - Hydraulic 90°	14 22 1	354-37	Adjuster - Valve	31 28 1
340-77	Fitting - Hydraulic 90°	18 27 1	354-38	Ball - Valve	31 26 1
340-82	Fitting - Hydraulic 90°	15 47 2	354-39	Spring - Compression	31 27 1
340-87	Fitting - Hydraulic 45°	14 27 1	354-45	Idler Gear Assembly	21 6 1
340-92	Fitting - Hydraulic Straight	19 3 4	354-46	Ring-Seal	21 8 1
340-92	Fitting - Hydraulic Straight	16 17 2	354-49	Drive Shaft Assembly	21 7 1
340-92	Fitting - Hydraulic Straight	18 26 4	354-50	Screw-Hex Socket Hd.	21 1 4
340-98	Fitting - Hydraulic 90°	16 2 2	354-51	Washer	21 2 4
340-98	Fitting - Hydraulic 90°	20 7 10	354-52	Shaft - Drive	31 24 1
340-101	Fitting - Hydraulic 45°	16 10 2	354-53	Pump Body Assembly	31 23 1
340-101	Fitting - Hydraulic 45°	17 11 1	354-54	Plate - Gear	31 1 2
340-103	Fitting - Hydraulic 45°	20 3 5	354-55	Plate Assembly	31 25 1
340-103	Fitting - Hydraulic 45°	59 13 1	354-56	Pin - Dowel	31 2 2
340-103	Fitting - Hydraulic 45°	54 32 2	354-57	Gear - Drive	31 20 1
340-108	Fitting - Hydraulic 90°	32 48 2	354-58	Plate Assembly	31 15 1
340-127	Nut - Bulkhead	20 12 4	354-59	Shaft - Drive	31 11 1
340-132	Fitting - Hydraulic 90°	18 3 3	354-60	Plate - Gear	31 7 1
340-132	Fitting - Hydraulic 90°	57 4 5	354-61	Key - Woodruff	31 10 1
340-132	Fitting - Hydraulic 90°	19 8 1	354-62	Gear	31 9 1
340-132	Fitting - Hydraulic 90°	59 22 3	354-63	Cover Assembly	31 5 1
340-139	Fitting - Hydraulic 90°	16 23 1	354-64	Screw - Cap Hex. Hd.	31 3 4
340-139	Fitting - Hydraulic 90°	14 35 1	354-65	Idler Shaft Assembly	31 12 1
340-143	Fitting - Hydraulic 90°	19 11 1	354-66	Shaft - Idler	31 19 2
340-143	Fitting - Hydraulic 90°	17 18 1	354-67	Seal - Hi Pressure	31 17 4
340-143	Fitting - Hydraulic 90°	16 32 1	354-68	Plate - Load	31 18 4
340-143	Fitting - Hydraulic 90°	58 70 1	354-69	Seal - Load Hi Pressure	31 16 4
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353-512	Fitting - Hydraulic Plug	19 5 2	354-72	Fitting - Hydraulic 45°	23 36 1
353-550	Fitting - Plug	14 44 1	354-73	Fitting - Hydraulic Straight	14 24 2
353-599	Pin-Dowel	21 3 2	354-74	Fitting - Hydraulic Plug	14 16 1
353-682	Fitting - Hydraulic Straight	14 20 1	354-75	Fitting - Hydraulic 90°	23 34 1
353-781	Fitting - 90°	22 30 2	354-77	Fitting - Hydraulic Test Port	23 17 1
353-781	Fitting - Elbow	53 1 2	354-77	Fitting - Test Port	16 11 2
353-886	Ring - Retaining	31 8 2	354-79	Cap - Test Port	16 12 2
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Japanese parts kit number 83–6880 contains all of the individual parts on the preceding pages designated as (Japan).

European parts kit number 93–7184 contains all of the individual parts on the preceding pages designated as (Europe).

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Reelmaster® 5100D has two identification numbers; a model number and a serial number. The two numbers are stamped on a decal which is located on the traction unit frame under the seat. In any correspondence concerning the Reelmaster 5100D, 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 5100D.
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.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their Toro

Distributor (Dealer) to obtain guarantee policies for your country, province or state.

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