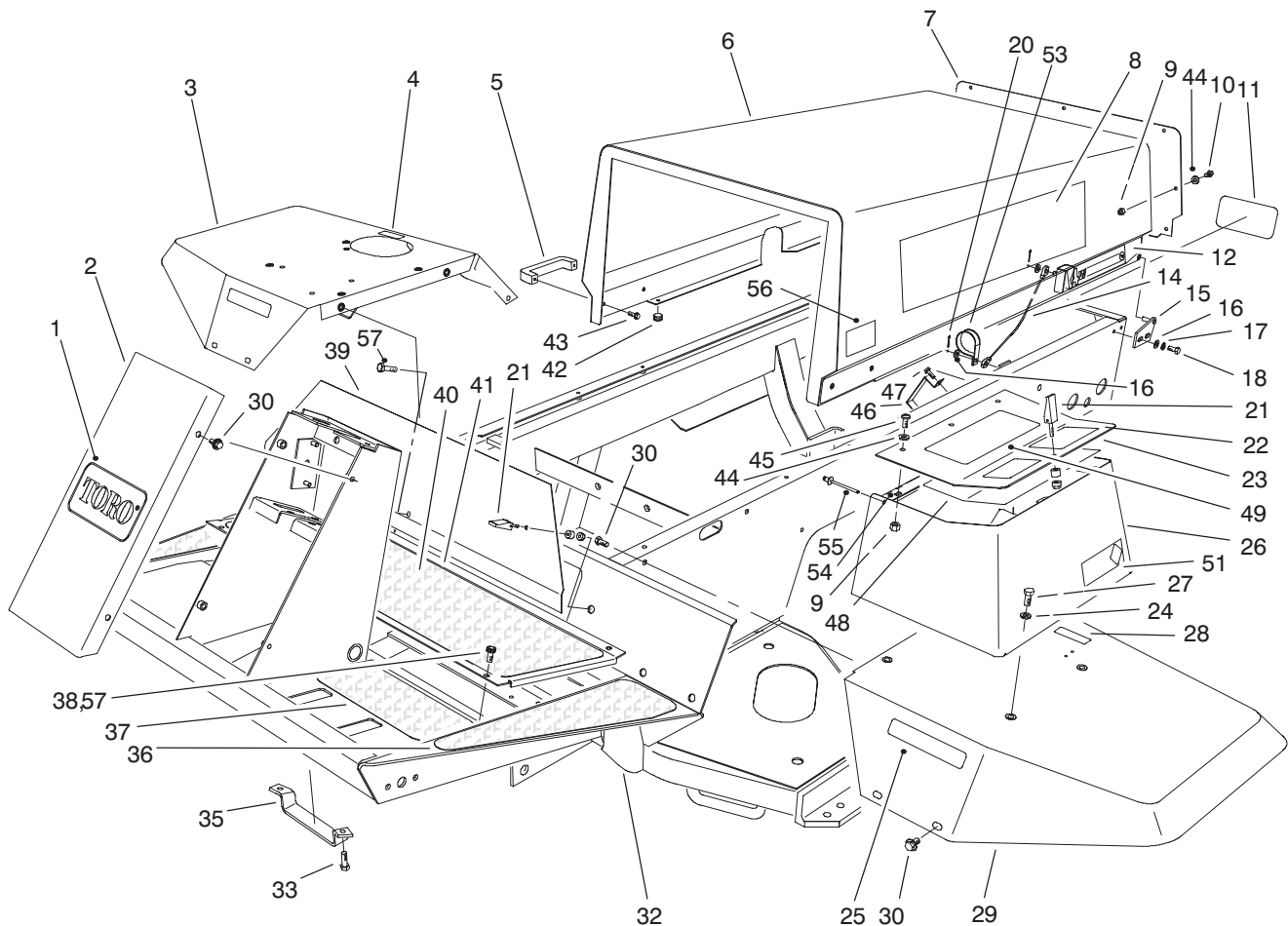


TORO®

MODEL NO. 03502-60001 & UP

PARTS CATALOG

REELMASTER® 5100D 2WD TRACTION UNIT



T-1043E

FRAME & BODY ASSEMBLY

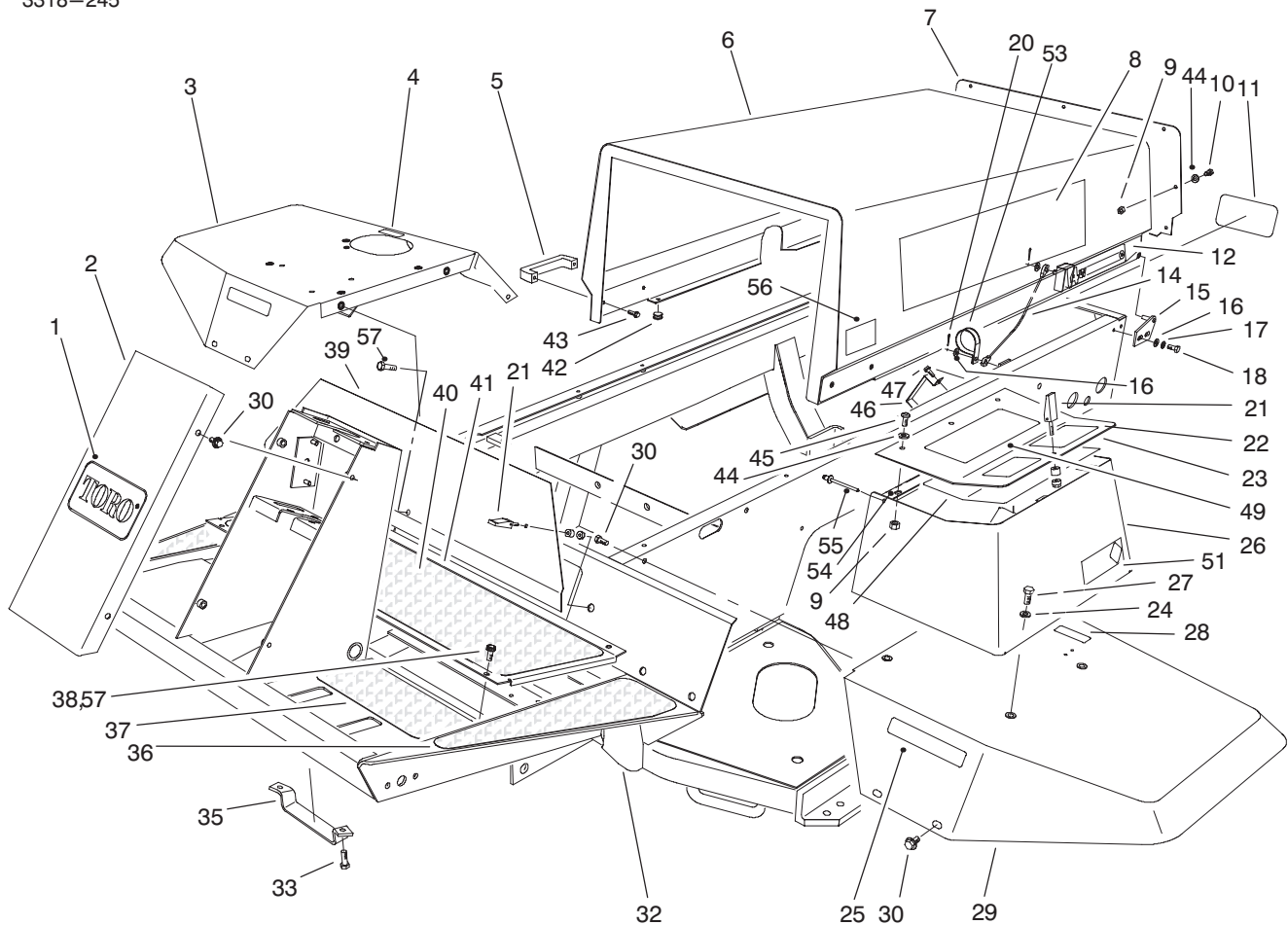
Ref. No.	Part No.	Description	No. Used
1	62-5550	Decal - TORO	1
2	75-1420	Cover - Steering Tower	1
3	93-7579	Fender - R.H.	1
4	85-4730	Decal - Hydraulic Oil	1
4	93-6686	Decal - Hyd. Oil (Europe)	1
4	88-1980	Decal - Hyd. Oil (Japan)	1
5	65-5100	Handle	2
6	14-0959	Hood	1
7	75-2820	Grill - Hood	1
8	85-4410	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

Ref. No.	Part No.	Description	No. Used
*15	63-6890	Hinge - Hood R.H.	1
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	Asm. - Swell Latch	3
22	75-1280	Decal - Warning	1
22	93-6698	Decal - Warning (Europe)	1
22	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	2
25	93-6689	Decal - No Riders (Europe)	2
25	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	1

*Not Illustrated

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TPS



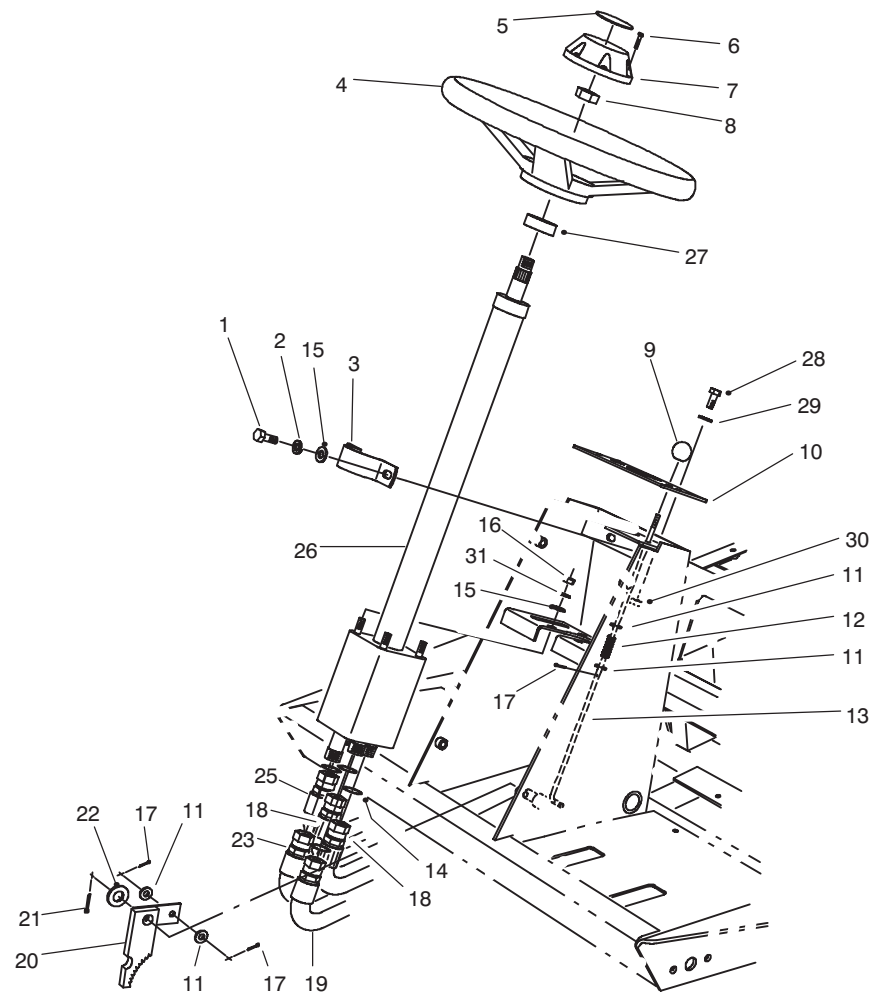
T-1043E

FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
28	93-6680	Decal - Fuel (Europe)	1
28	84-2860	Decal - Fuel (Japan)	1
29	75-3860	Fender - L.H.	1
30	3234-14	Screw - Hex. Washer Hd.	14
32	94-5811	Asm. - Frame	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	4
38	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	1
48	93-7154	Decal - Instructions (Finnish)	1
48	93-8091	Decal - Instructions (Danish)	1
48	93-8092	Decal - Instructions (Dutch)	1

Ref. No.	Part No.	Description	No. Used
48	93-8093	Decal - Instructions (Italian)	1
48	93-8094	Decal - Instructions (Spanish)	1
48	93-8095	Decal - Instructions (German)	1
48	93-8096	Decal - Instructions (French)	1
48	93-8097	Decal - Instructions (Swedish)	1
48	93-8098	Decal - Instructions (Portuguese)	1
48	93-8099	Decal - Instructions (Norwegian)	1
48	92-1116	Decal - Instructions (Japanese)	1
49	93-3639	Decal - Warning	1
49	93-8051	Decal - Warning (Europe)	1
49	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)	2

*Not Illustrated



T-1044A

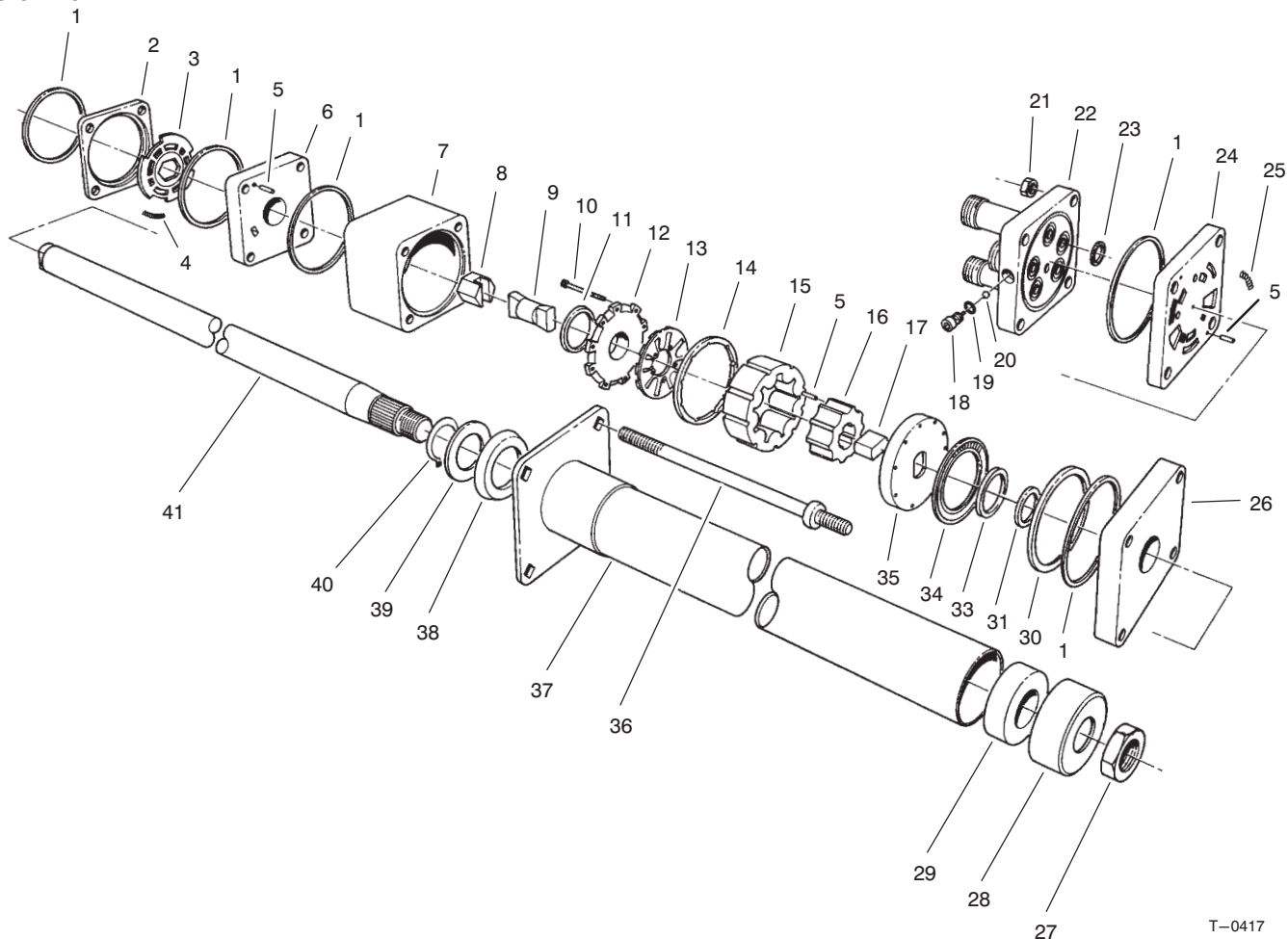
STEERING TOWER ASSEMBLY

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	Asm. — Steering Wheel (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 (English)	1
10	93-6682	Panel — Tower (Europe)	1
11	3256-22	Washer — Flat	4
12	3-3251	Spring — Compression	1
13	75-1490	Rod — Parking Brake	1
14	237-22	Seal — O-Ring	5
15	3256-23	Washer — Flat	6
16	3296-20	Nut — Lock	4

Ref. No.	Part No.	Description	No. Used
17	3272-5	Pin — Cotter	3
18	75-6230	Hose — Hydraulic RT	2
19	75-6240	Hose — Hydraulic IN	1
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	Asm. — Steering Valve (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	3255-8	Washer — Lock ETLW	1
*	3290-378	Tie — Cable	3
*	3290-410	Tie — Cable, Push On	4

*Not Illustrated

3318-245



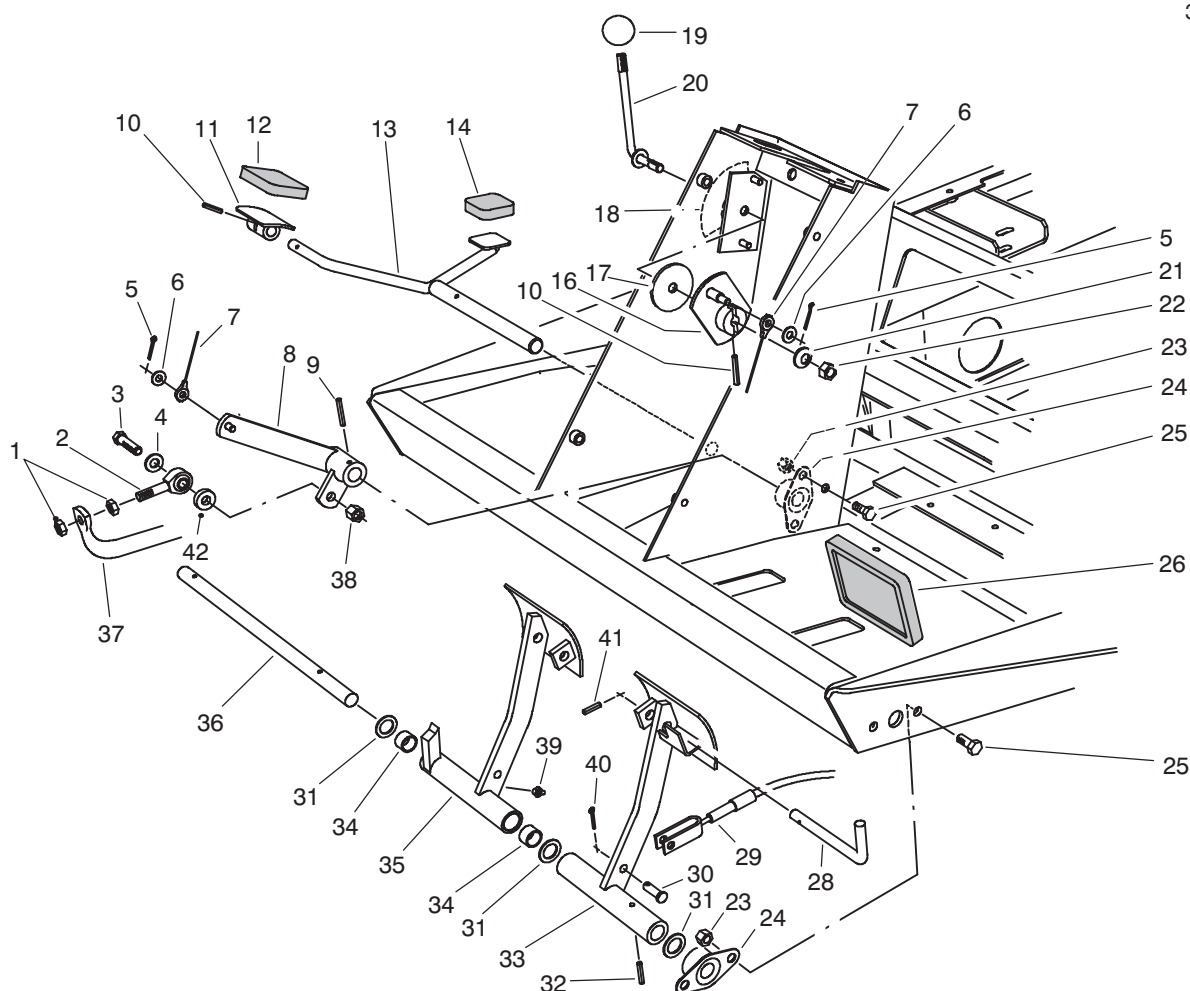
T-0417

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		Asm. — Hex Drive	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 — Bearing, Thrust	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	Asm. — Steering Valve (Incl. Ref. #1-41)	1
*		Valve — Power Steering (Incl. Ref. #1-26 & 30-36)	1

*Not Illustrated



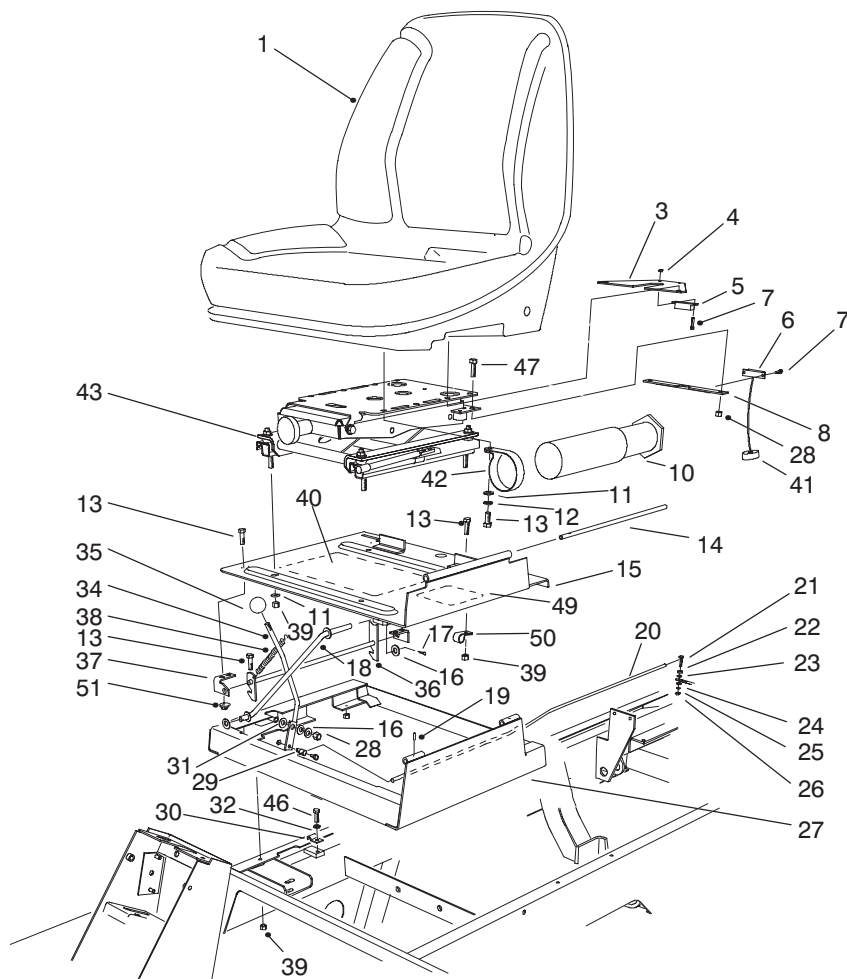
T-1045

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	1
18	93-6699	Decal — Fast/Slow (Europe)	1
18	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	Asm. — Brake Pedal, 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

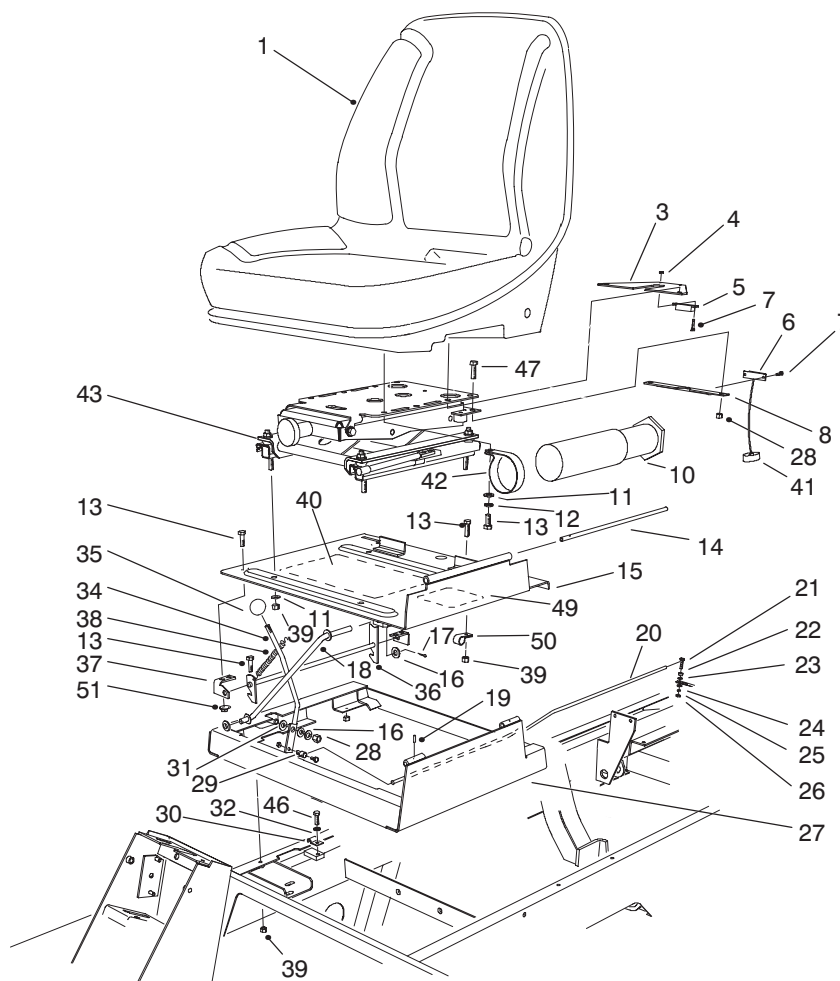


T-1046B

SEAT & THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-1180	Asm. — Seat	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	93-9976	Asm. — Seat Plate (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	94-1250	Frame — Seat	1
28	3296-39	Nut — Lock	3

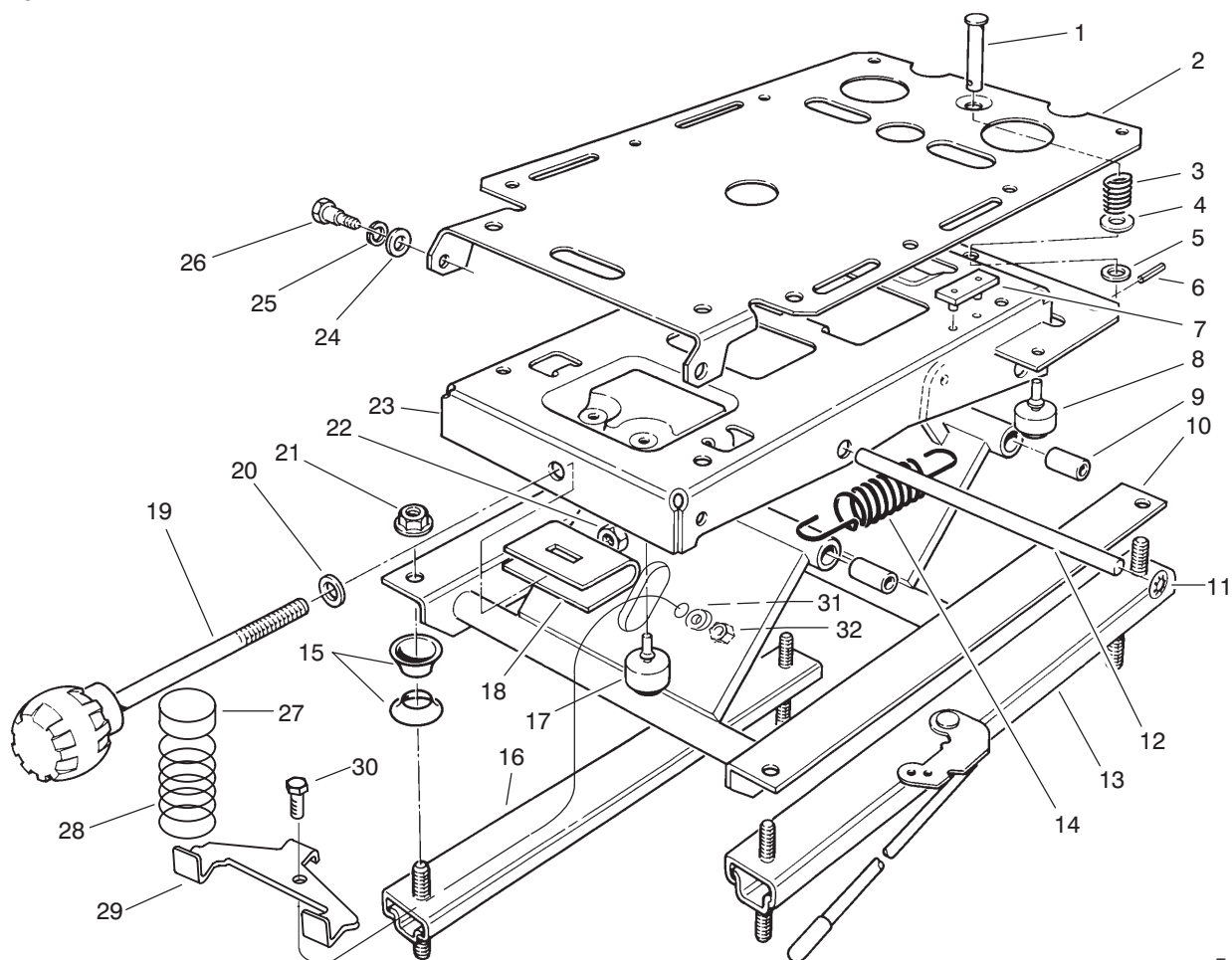
Ref. No.	Part No.	Description	No. Used
29	63-6760	Asm. — Throttle Cable Swivel (Incl. Ref. #21-26)	2
30	3-6657	Clamp — Cable	1
31	66-2920	Washer — Friction	2
32	3253-3	Washer — Lock	1
34	75-3430	Rod — Throttle	1
35	233-42	Knob — Throttle	1
36	93-9979	Latch — Seat	1
37	93-9983	Bracket — Seat Latch	2
38	66-4160	Spring	1
39	3296-29	Nut — Lock	10
40	85-4610	Decal — Instruction	1
40	92-1125	Decal — Instruction (Danish)	1
40	92-1126	Decal — Instruction (Dutch)	1
40	92-1127	Decal — Instruction (Italian)	1
40	92-1128	Decal — Instruction (Spanish)	1
40	92-1129	Decal — Instruction (German)	1
40	92-1130	Decal — Instruction (French)	1
40	92-1131	Decal — Instruction (Swedish)	1



T-1046B

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
40	93-8058	Decal - Instruction (Norwegian)	1	43		Asm. - Seat Suspension	1
40	93-8059	Decal - Instruction (Finnish)	1	46	321-4	Screw - Cap Hex. Hd.	1
40	92-1124	Decal - Instruction (Japan)	1	47	323-4	Screw - Cap Hex. Hd.	2
41	93-0140	Grommet	1	49	85-4530	Decal - Danger (English)	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

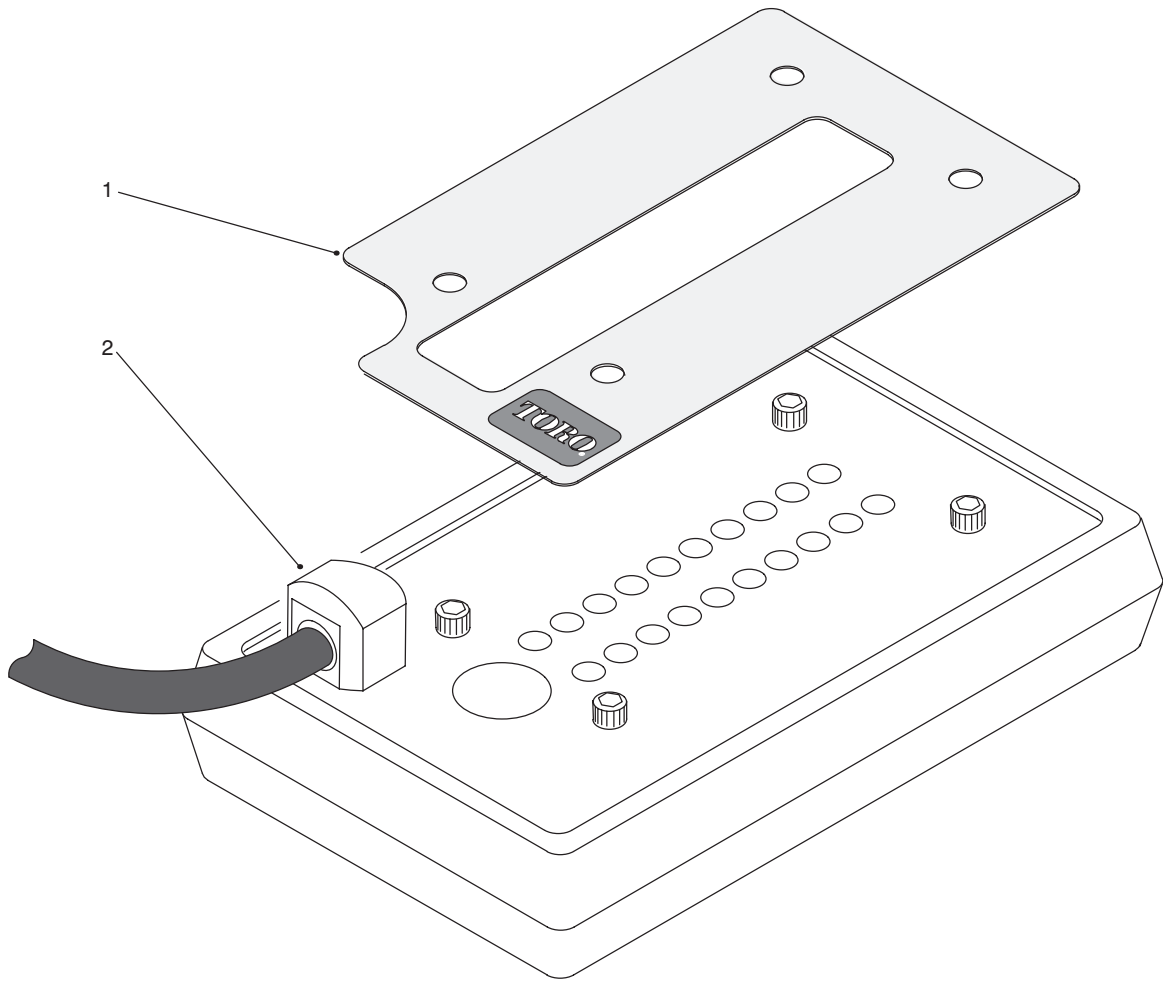


T-1031A

SEAT SUSPENSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	80—4860	Pin — Clevis	1
2	75—3580	Plate — Mounting, Seat	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



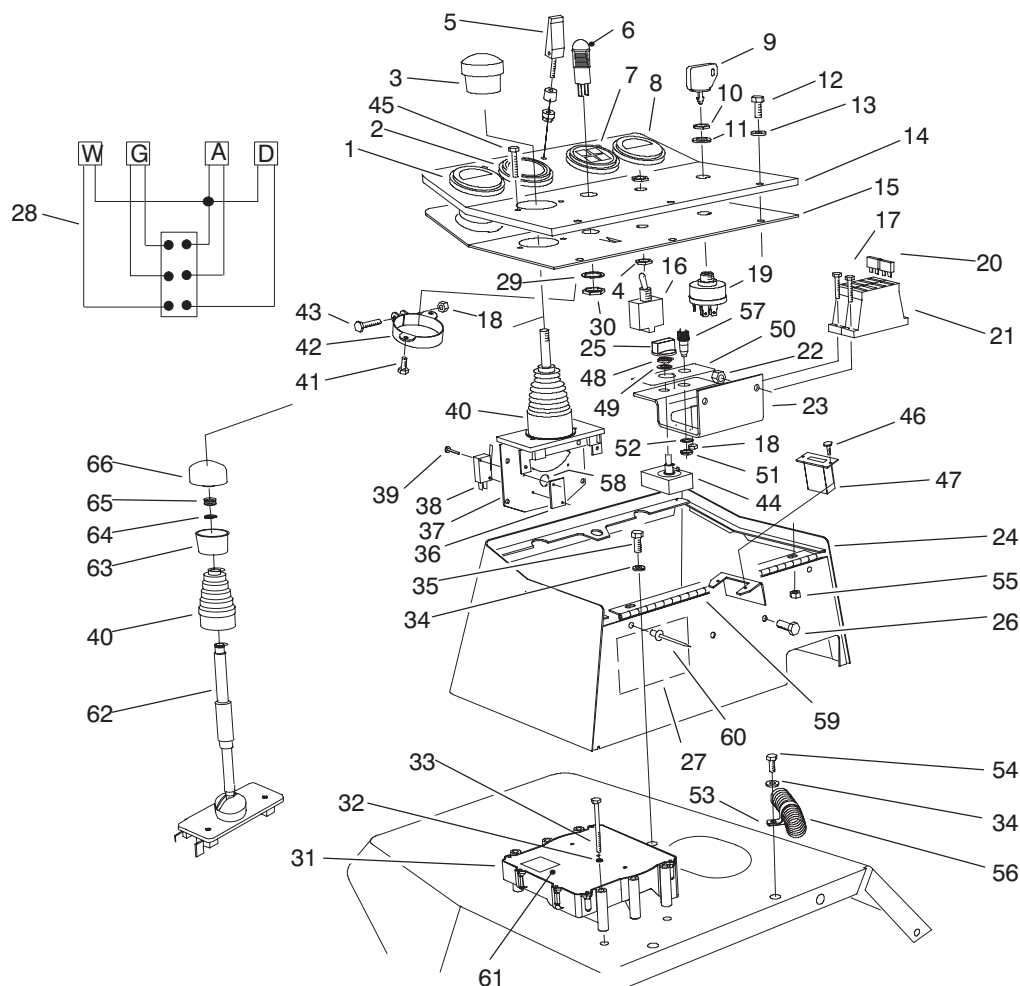
T-1458

DIAGNOSTIC-ACE DISPLAY ASSEMBLY

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

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





T-1501E

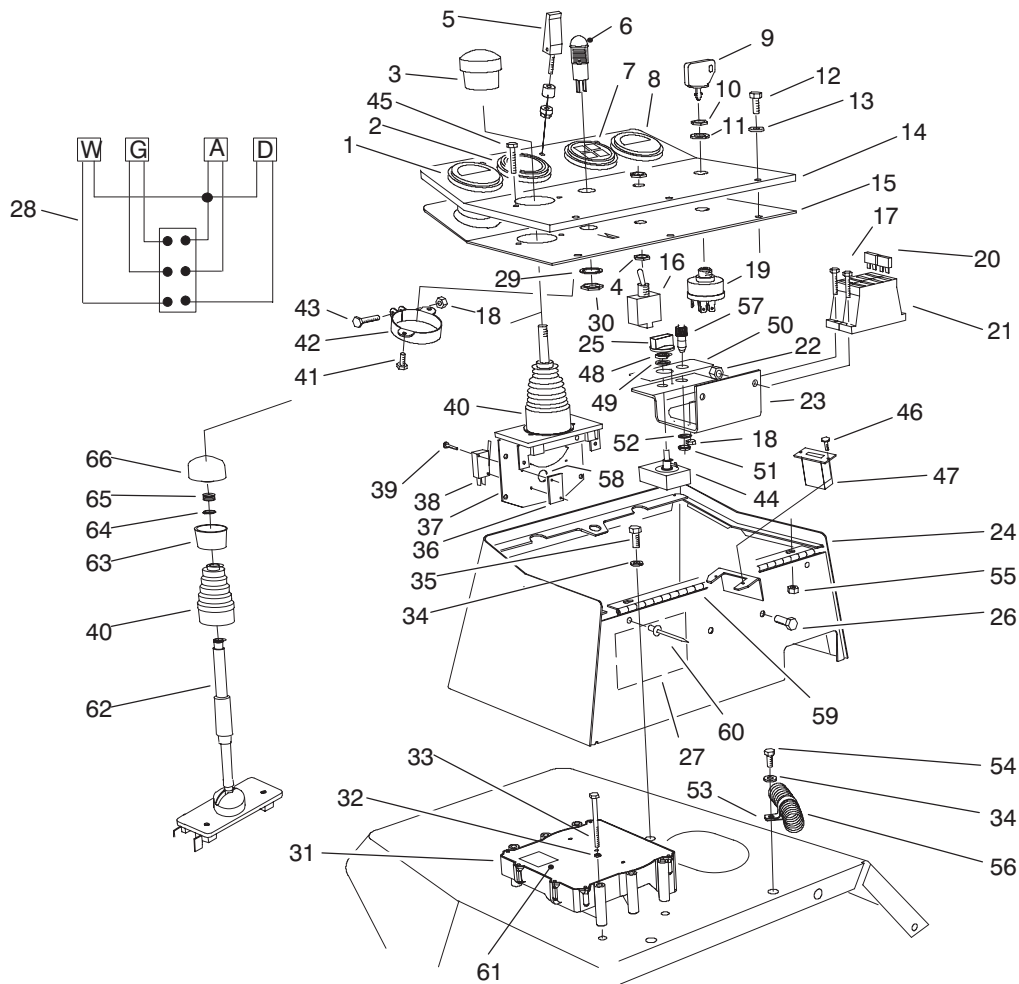
CONTROL CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-8497	Gauge - Fuel	1	*†20	218-578	Fuse - 10A	3
2	85-4420	Gauge - Speedometer	1	†21	67-7160	Block - Fuse	2
3	3290-489	Knob - Lift Control	1	22	3296-42	Nut - Lock	4
4	218-498	Nut - Hex.	4	23	93-7587	Bracket - Fuse Block	1
5	74-5950	Asm. - Swell Latch	1	24	75-5740	Box - Control	1
6	44-2210	Asm. - Warning Light (Incl. Ref. #29 & 30)	1	25	85-4480	Knob	1
*	218-533	Lens - Red	1	26	321-39	Screw - Cap Hex. Hd.	2
■		Bulb - #1815	1	27	94-6766	Decal - Fuses	1
7	66-2960	Cluster - Warning	1	27	94-6767	Decal - Fuses (Europe)	1
8	93-8496	Gauge - Temperature	1	27	94-6768	Decal - Fuses (Japan)	1
9	63-8360	Key - Ignition	1	28	75-4710	Warning Light Harness (Incl. Ref. #51 & 52)	1
10	218-446	Nut - Locking	1	*	219-17	Bulb - Light	4
11	218-447	Washer - E.T.L.W.	1	29	218-536	Washer - Lock	1
12	3258-166	Screw - Phillip Hd.	5	30	218-535	Nut - Lock	1
13	3256-1	Washer - Flat	5	31	92-5720	Controller - Electronic Note: This part must be programmed by distributor before installation.	1
14	93-3140	Panel - Control	1	32	3253-3	Washer - Lock	3
14	93-6683	Panel - Control (Europe)	1	33	321-15	Screw - Cap Hex. Hd.	3
15	75-6270	Cover - Control Box	1	34	3256-3	Washer - Flat	3
16	75-1010	Asm. - Toggle Switch (Incl. Ref. #4)	1	35	322-3	Screw - Cap Hex. Hd.	2
17	32105-13	Screw - Cap Hex. Hd.	4	36	3290-354	Plate - Nut	2
18	3296-2	Nut - Lock	5	37	75-3420	Asm. - Lift Control (Incl. Ref. #3, 36 & 38-40)	1
19	27-2360	Asm. - Ignition Switch (Incl. Ref. #9-11)	1				
†20	218-573	Fuse - 5A	2				

*Not Illustrated

†Included in main wire harness assembly.

■Obtain Locally.



T-1501E

CONTROL CONSOLE ASSEMBLY (Continued)

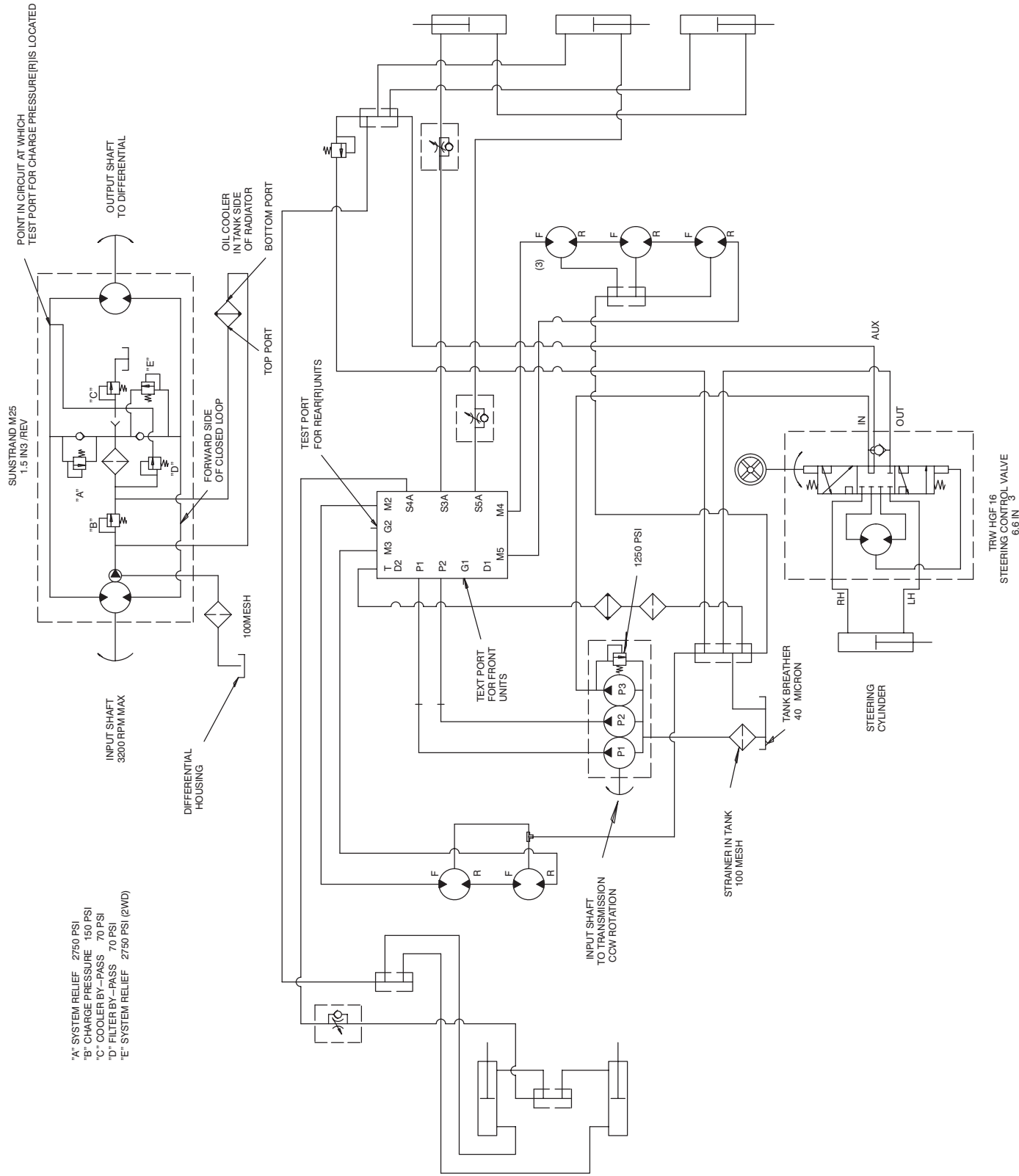
Ref. No.	Part No.	Description	No. Used
37	94-6753	Asm. — Lift Control (Europe) (Incl. Ref. #36, 38-40, 58 & 62-66)	1
38	94-8104	Switch — Micro	2
39	3290-93	Screw — Cap Hex. Hd.	4
40	94-8103	Boot — Lift Control	1
41	32144-1	Screw — Cap Hex. Hd.	2
42	69-4780	Clamp — Light Cluster	1
43	32105-1	Screw — Cap Hex. Hd.	1
44	85-4470	Asm. — Potentiometer (Incl. Ref. #48 & 49) Note: Replacement of this part requires recalibration of electronic controller by distributor after installation.	1
45	3273-26	Screw — Hex. Socket Hd.	2
46	32144-18	Screw — Cap Hex. Hd.	2
47	75-6820	Meter — Hour	1
48		Nut — Lock	1
49		Washer — Lock	1
50	94-4934	Decal — HOC Selector	1
50	93-1268	Decal — HOC Selector (Europe)	1
50	94-4582	Decal — HOC Selector (Japan)	1
51		Nut — Lock	1

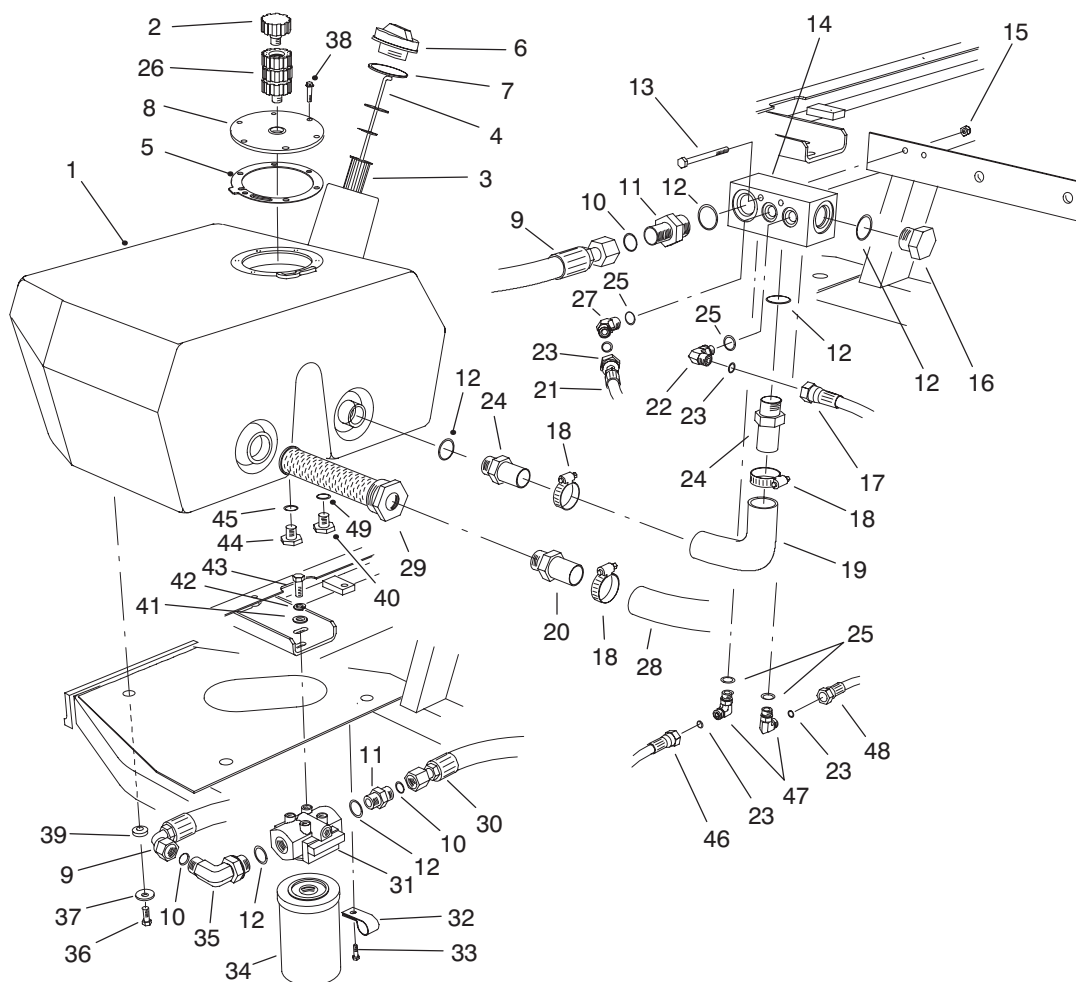
Ref. No.	Part No.	Description	No. Used
52		Washer — Lock	1
53	2142-126	Clamp—R	1
54	322-5	Screw — Cap Hex. Hd.	1
55	32128-33	Nut — Lock, Flange Hd.	3
56	94-6763	Asm. — Main Wire Harness	1
†57	85-4491	Lamp — Diagnostic	1
58	93-3625	Spring — Return, Joystick	1
59	75-5780	Hinge — Cover	1
60	93-8744	Rivet	3
61	85-4440	Decal — ECU Display	1
61	93-8053	Decal — ECU Display (Europe)	1
62	94-8102	Tube — Interlock (Europe)	1
63	94-3055	Cap — Lower, Joystick (Europe)	1
64	94-3056	Snap Ring — Joystick (Europe)	1
65	94-3057	Spring — Compression (Europe)	1
66	94-3058	Cap — Upper, Joystick (Europe)	1
*†	70-8570	Breaker — Circuit	2
*†	86-7560	Connector — Cover (3 Way)	3
*†	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



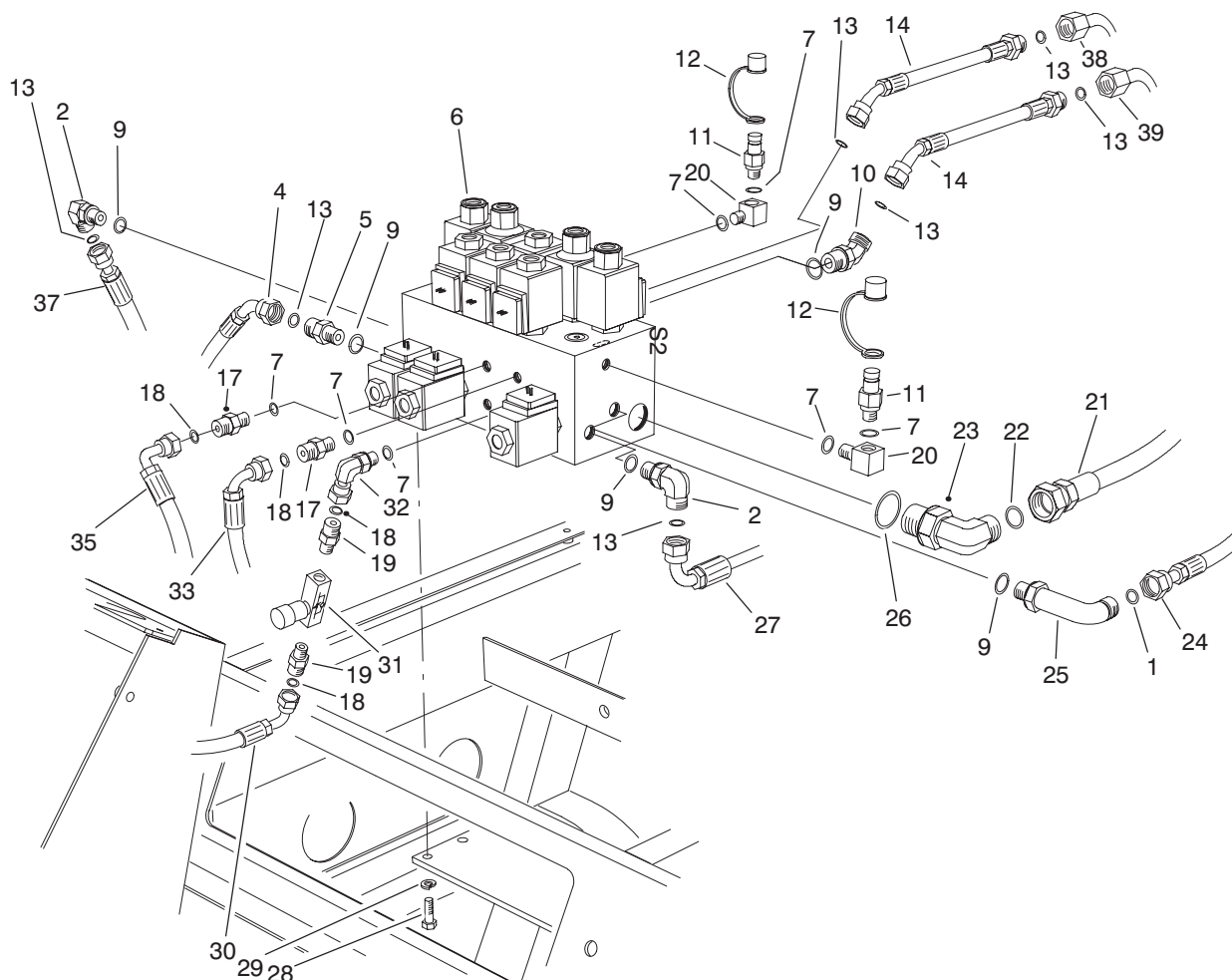


T-1048C

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
24	354-73	Fitting — Hydraulic Straight (Incl. Ref. #12)	2
25	237-42	Seal — O-Ring	4

Ref. No.	Part No.	Description	No. Used
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	Asm. — Hydraulic Filter Head	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 (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
45	237-79	Seal — O-Ring	1
46	92-9096	Asm. — Hose	1
47	340-82	Fitting — Hydraulic 90° (Incl. Ref. #23 & 25)	2
48	94-4916	Asm. — Hose, Drain Return	1
49	237-42	O-Ring	1

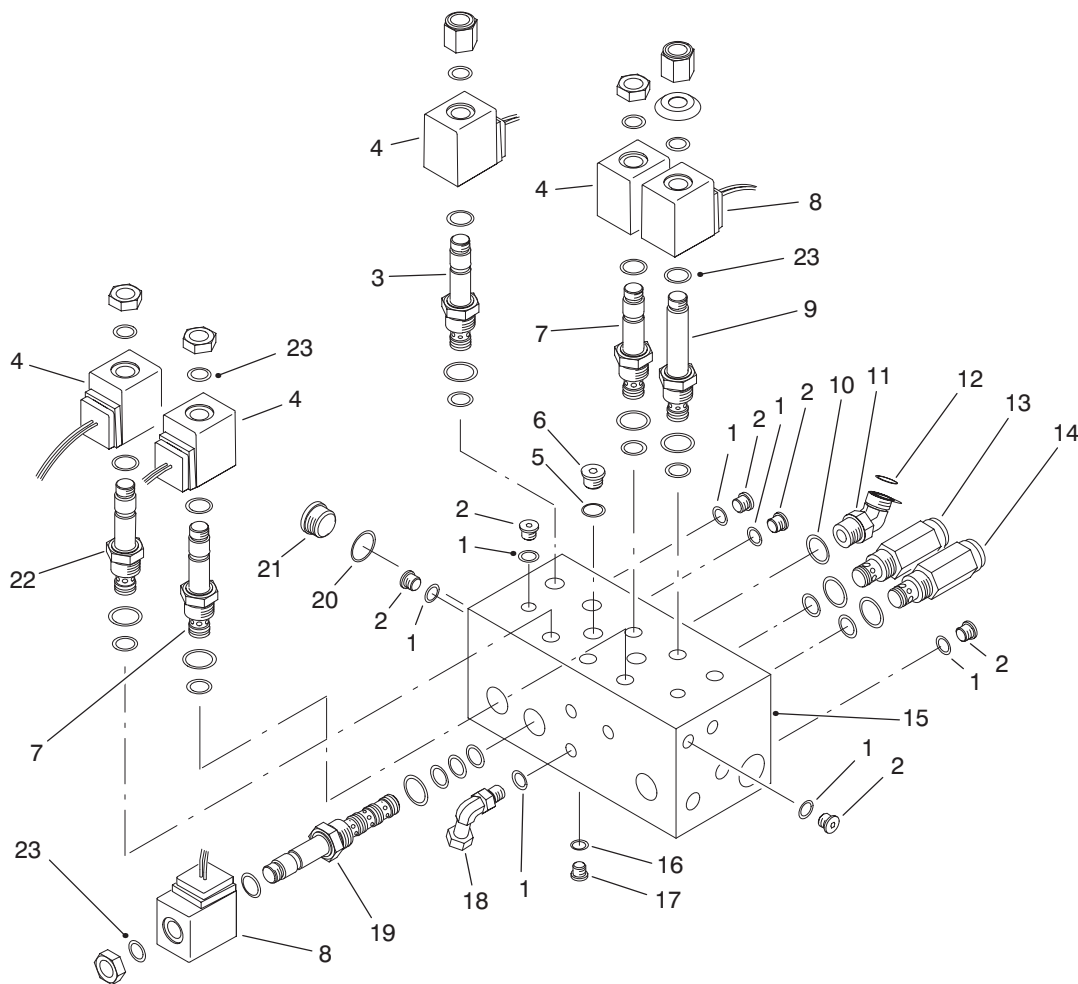


T-1094C

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	Asm. — Hose, Pressure # 5	1
5	340-4	Fitting — Hydraulic Straight (Incl. Ref. #1 & 9)	1
6	93-3611	Asm. — Control Manifold	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
19	340-13	Fitting — Hydraulic Straight (Incl. Ref. #18)	2
20	75-6640	Fitting — Hydraulic 90° (Incl. Ref. #7)	2

Ref. No.	Part No.	Description	No. Used
21	93-0078	Hose — Hydraulic	1
22	237-65	Seal — O—Ring	1
23	340-139	Fitting — Hydraulic 90° (Incl. Ref. #22 & 26)	1
24	94-4913	Asm. — Hose, Pressure #2	1
25	93-3612	Fitting — Hydraulic 90° (Incl. Ref. #1 & 9)	1
26	237-81	Seal — O—Ring	1
27	94-4914	Asm. — Hose, 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	Asm. — Hose, Pressure #4	1
38	75-5250	Tube — Hydraulic	1
39	75-5240	Tube — Hydraulic	1



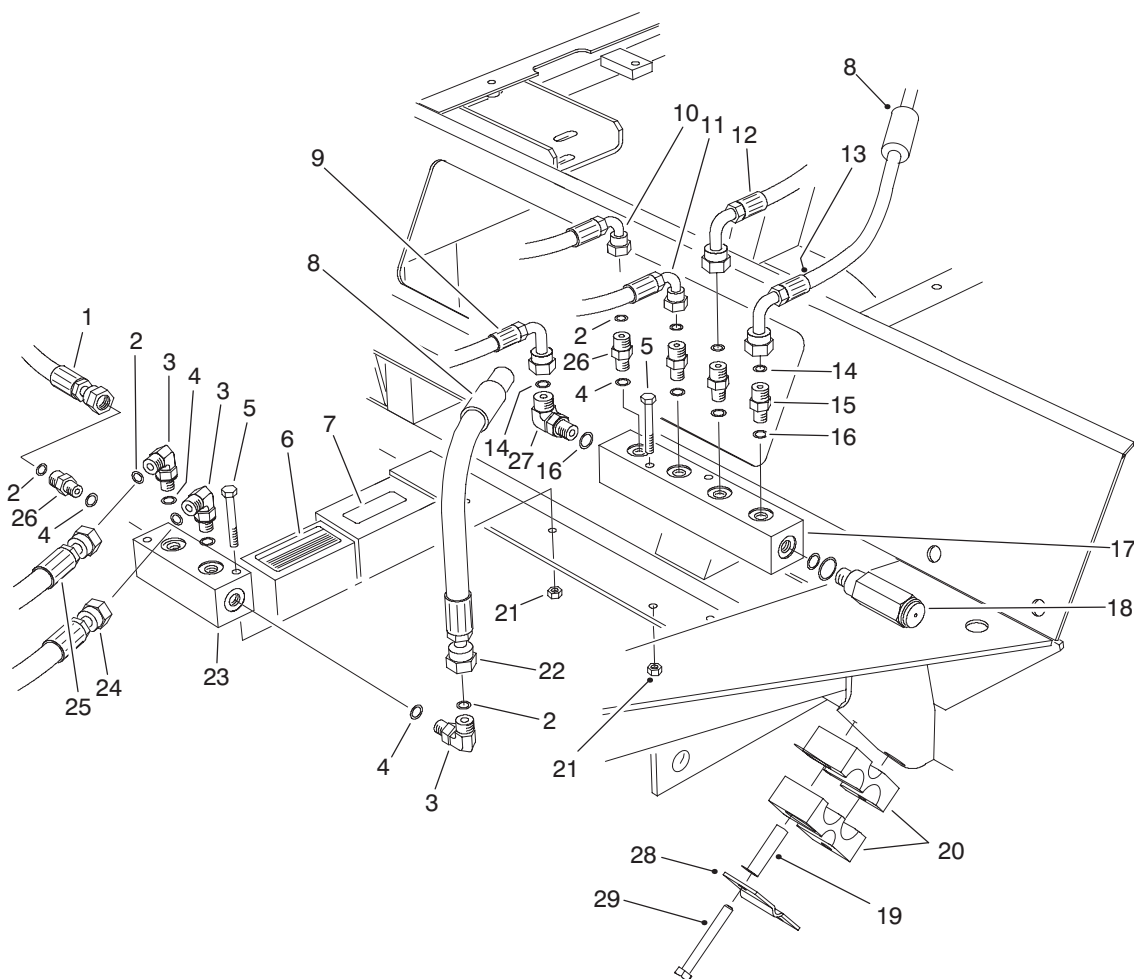
T-1503

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



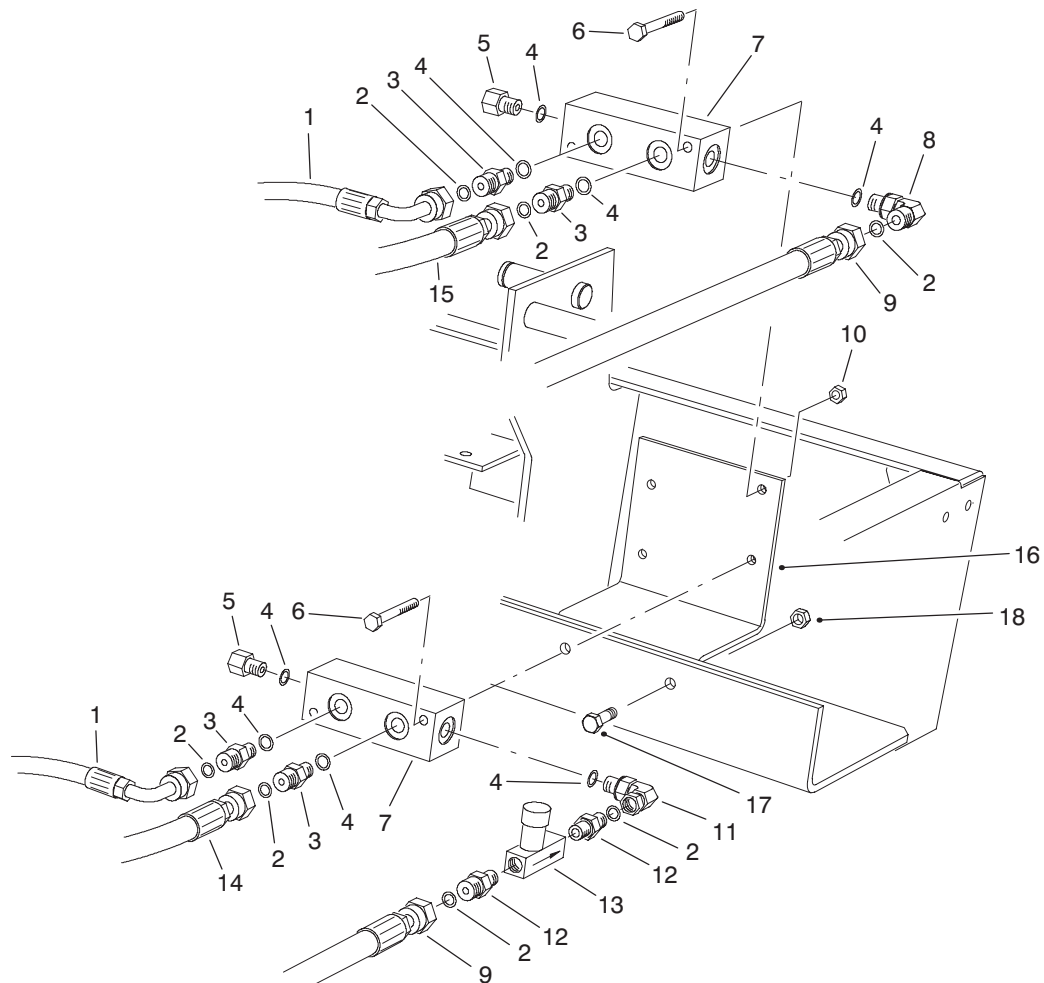
T-1058C

FRONT HYDRAULIC MANIFOLDS

Ref. No.	Part No.	Description	No. Used
1	94-5442	Asm. — Hose, 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	1
6	93-6693	Decal — Floor Plate (Europe)	1
6	88-1900	Decal — Floor Plate (Japan)	1
7	85-4730	Decal — Hydraulic Oil (English)	1
7	93-6686	Decal — Hydraulic Oil (Europe)	1
7	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

Ref. No.	Part No.	Description	No. Used
14	237-22	Seal — O-Ring	2
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	Asm. — Hose, Drain #4	1
25	94-5448	Asm. — Hose, 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	32144-58	Screw — Self Tapping	4

*Not Illustrated

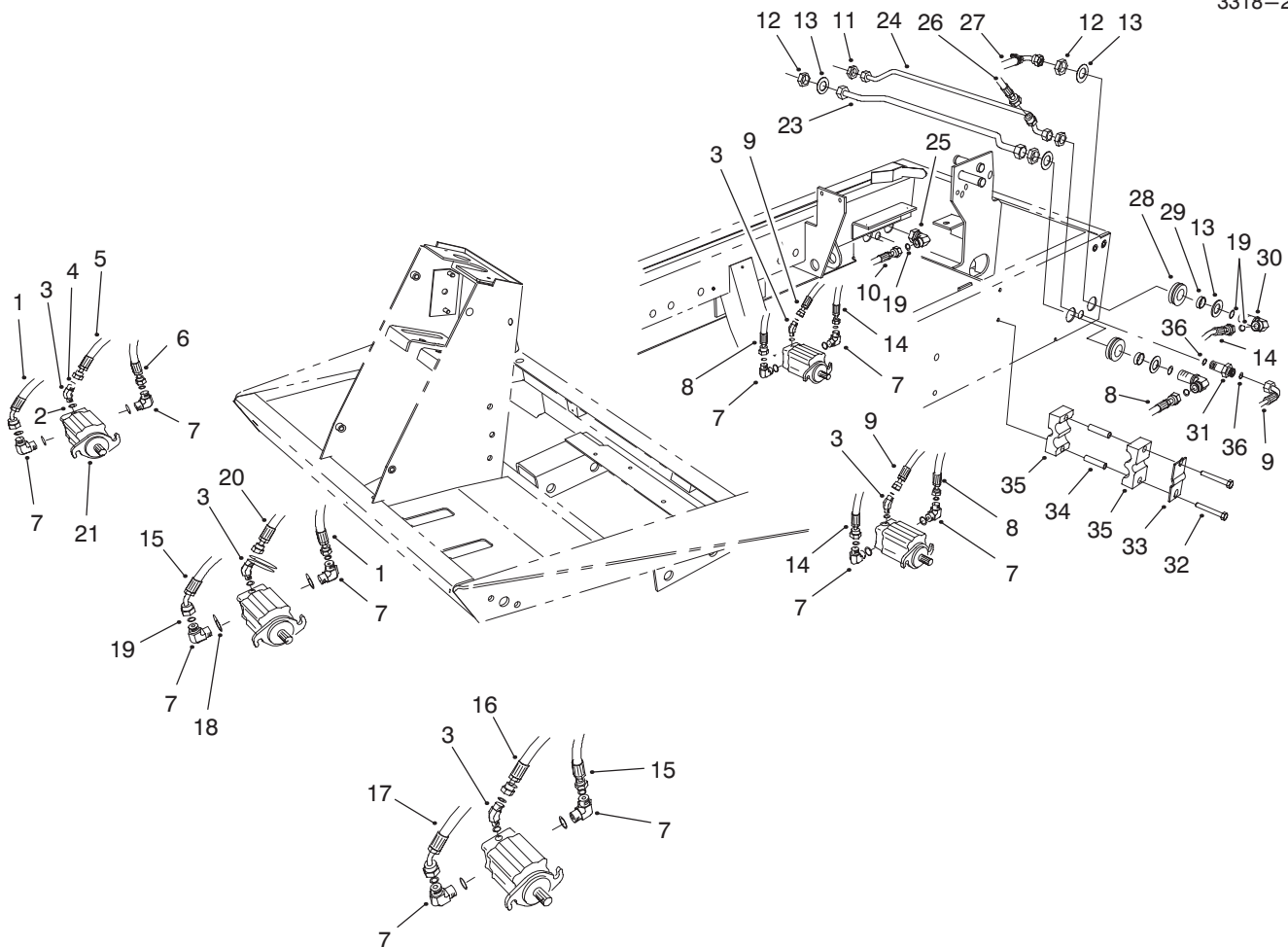


T-1095B

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
12	340-13	Fitting — Hydraulic Straight (Incl. Ref. #2)	2
13	82-8270	Valve — Flow Control	1
14	75-6080	Hose — Hydraulic	1
15	75-6070	Hose — Hydraulic	1
16	94-4920	Plate — Mounting, Valve	1
17	322-5	Screw — HH	2
18	32128-20	Nut — Flange Head	2

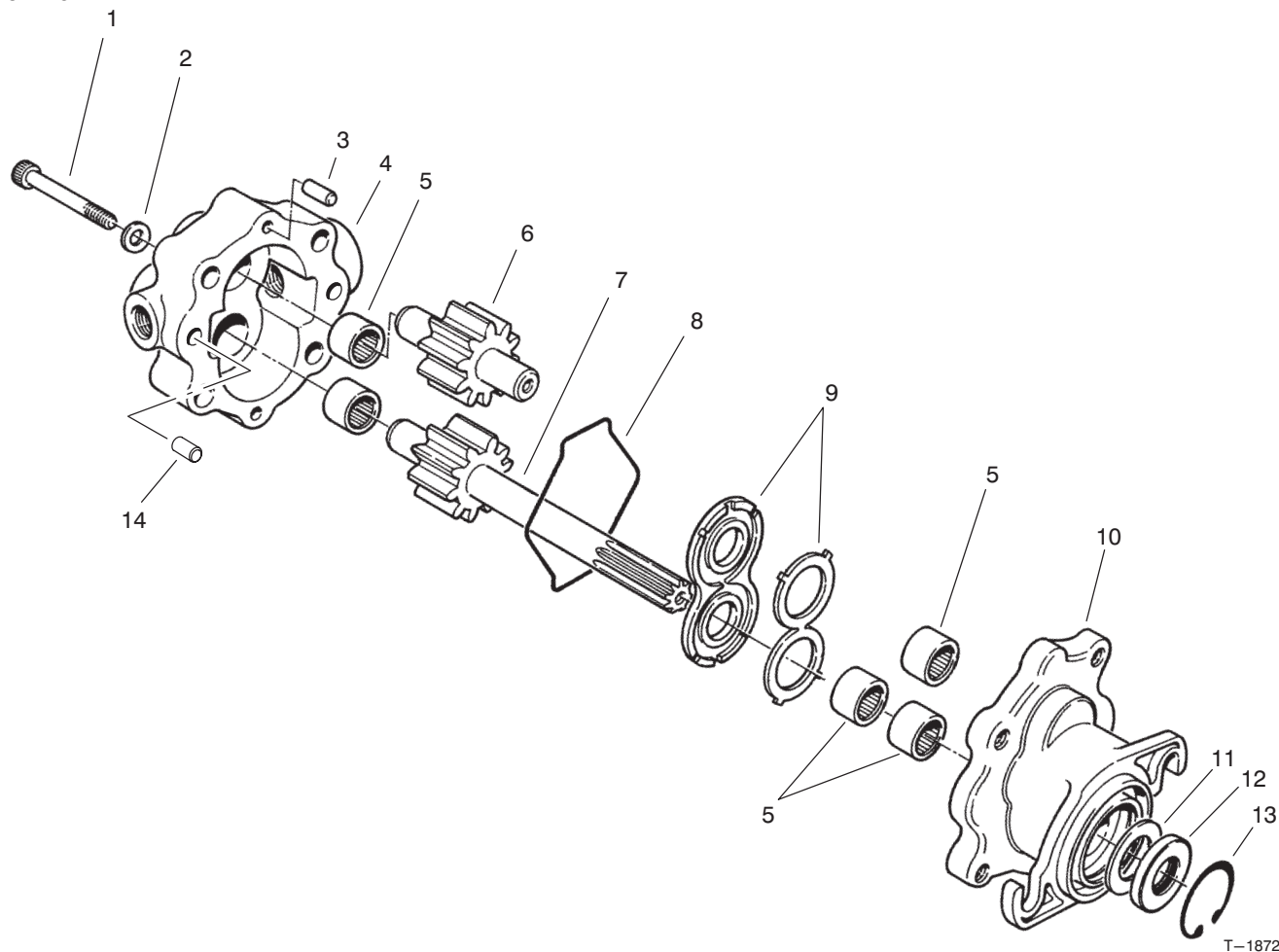


T-2390

CUTTING UNIT HYDRAULIC COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	94-5443	Asm. — Hose, 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	Asm. — Hose, Drain #5	1
6	94-5444	Asm. — Hose, Pressure #5	1
7	340-98	Fitting — Hydraulic 90° (Incl. Ref. #18 & 19)	10
8	94-4911	Asm. — Hose, Press. #2 & 3	2
9	94-4915	Asm. — Hose, Drain #2 & 3	2
10	94-4914	Asm. — Hose, Pressure #3	1
11	340-70	Nut — Bulkhead	2
12	340-127	Nut — Bulkhead	4
13	69-8930	Washer	8
14	94-4912	Asm. — Hose, Press. #2 & 3	2
15	94-5446	Asm. — Hose, Press. #1 & 4	2
16	94-5445	Asm. — Hose, Drain #4	1

Ref. No.	Part No.	Description	No. Used
17	94-5447	Asm. — Hose, Pressure #4	1
18	237-79	Seal — O-Ring	10
19	237-30	Seal — O-Ring	10
20	94-5448	Asm. — Hose, Drain #1	1
21	92-8759	Motor — Hydraulic	5
23	94-4918	Asm. — Tube, Press. #2 & 3	2
24	94-4917	Asm. — Tube, Drain #2 & 3	1
25	94-6031	Fitting — Hydraulic	1
26	94-4916	Asm. — Hose, Drain Return	1
27	94-4913	Asm. — Hose, Pressure #2	1
28	240-5	Grommet — Rubber	4
29	69-8960	Spacer	4
30	93-9151	Fitting — Hydraulic	4
31	340-71	Fitting — Bulkhead Union	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

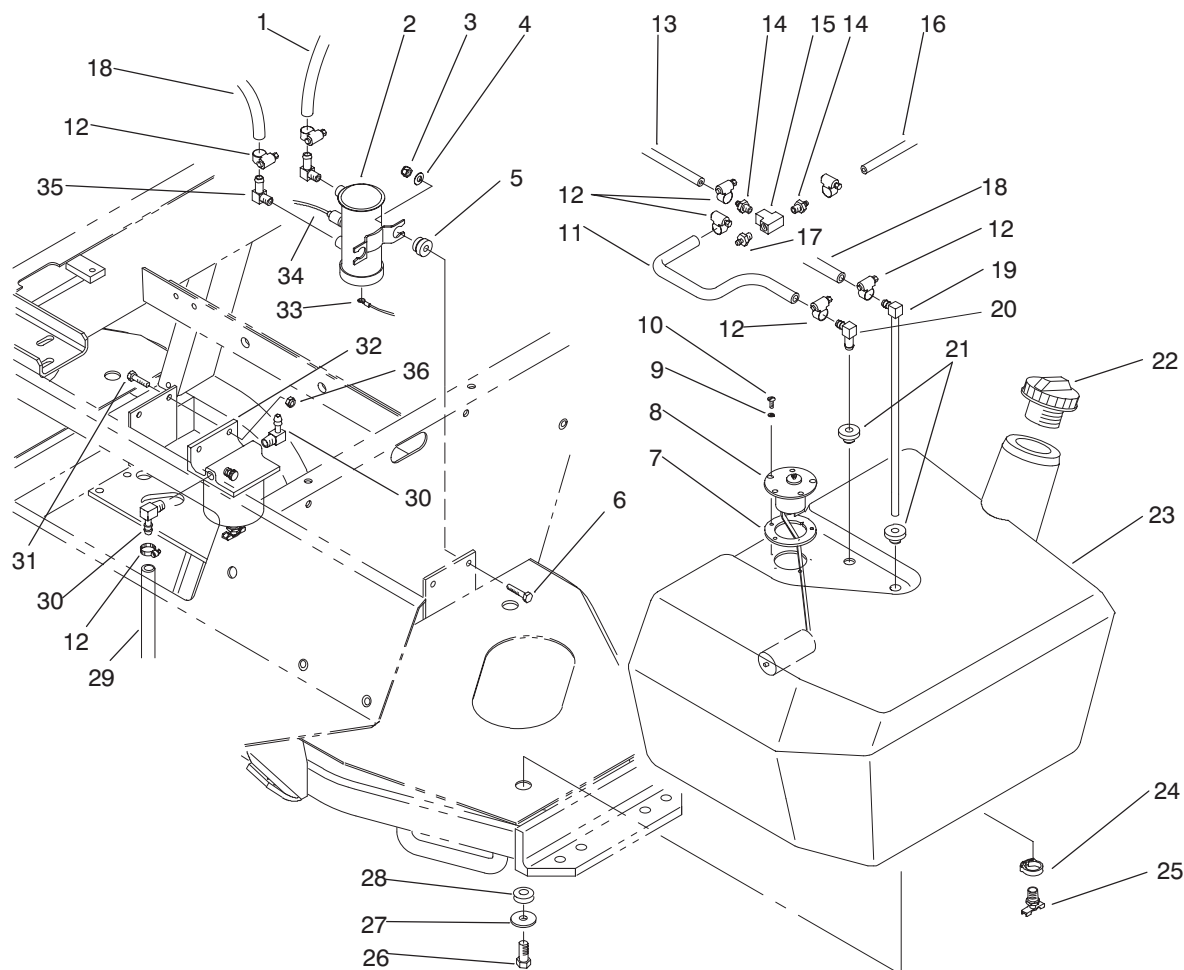


REEL MOTOR ASSEMBLY NO. 92-8759

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	Asm. — Cover (Incl. Ref. #5)	1
†5		Bearing—Needle	5
6	354-45	Asm. — Idler Gear	1
7	354-49	Asm. — Drive Shaft	1
8	354-46	Ring—Seal	1

Ref. No.	Part No.	Description	No. Used
9	74-3810	Asm. — Load Plate	1
10	92-8795	Asm. — Body (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-1884A

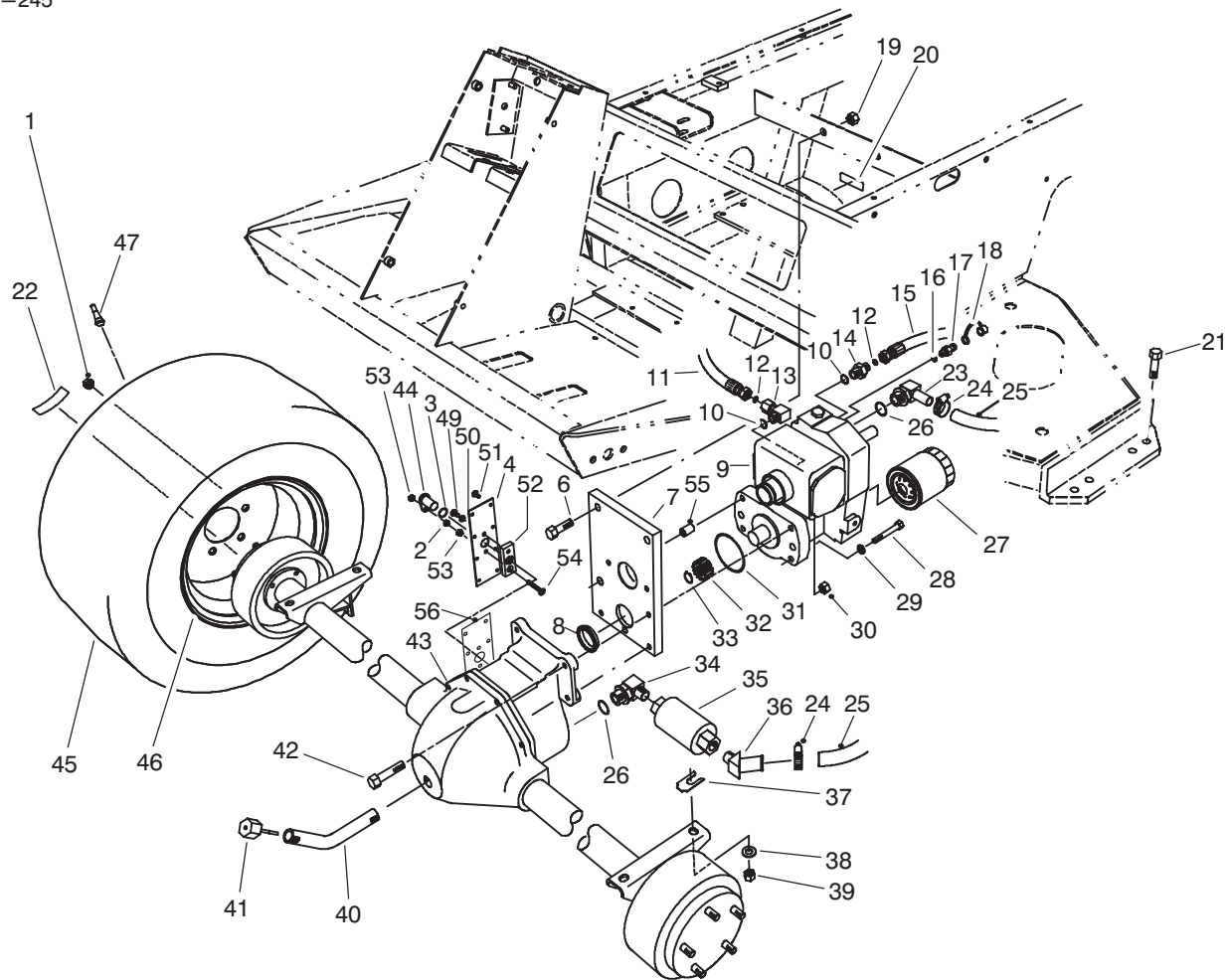
FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7610	Hose — Fuel	1
2	53-8150	Asm. — Fuel Pump (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	Asm. — Fuel Tank (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

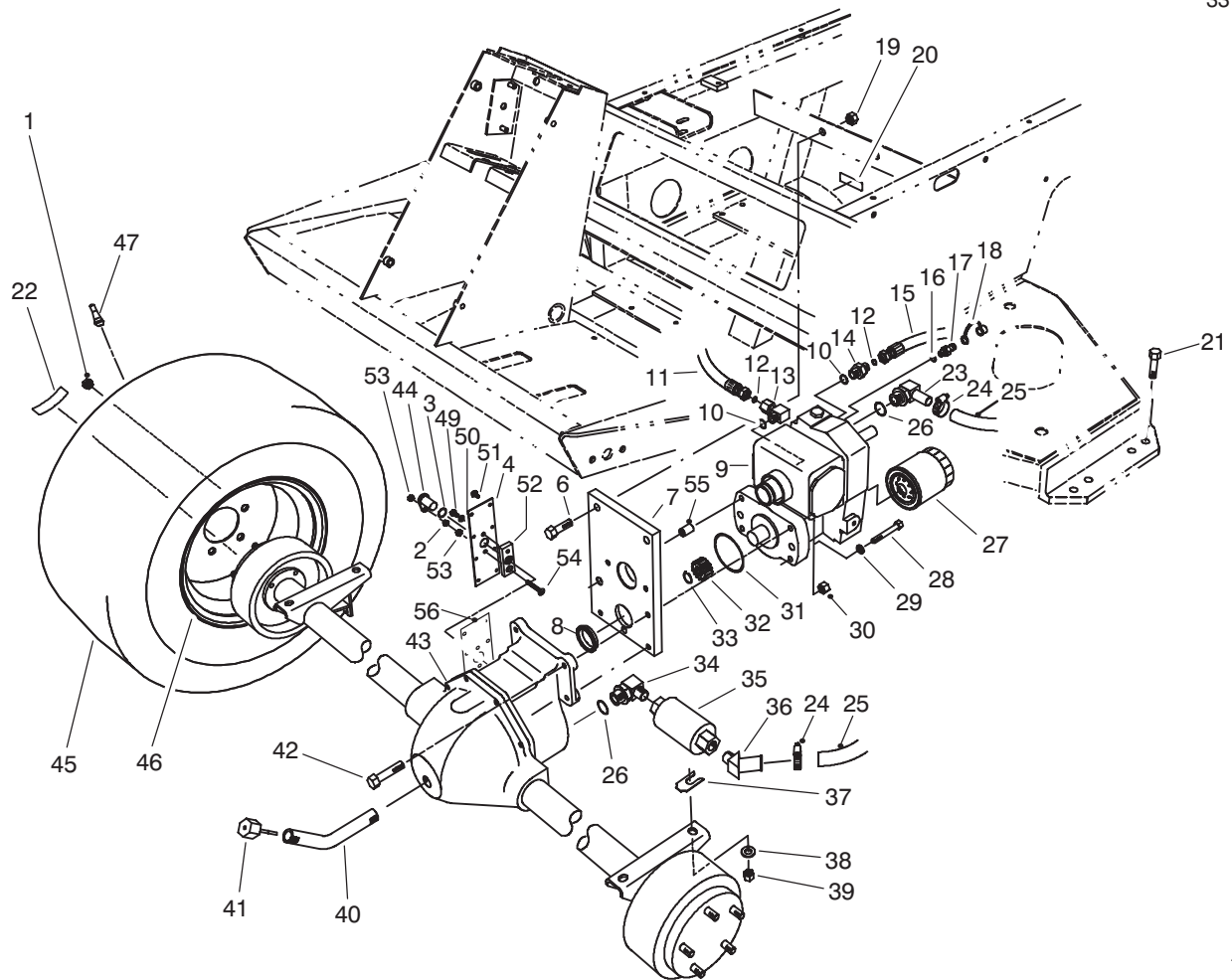


T-1050B

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	Asm. — Transmission Support (Incl. Ref. #8 & 55)	1
8	75-3110	Collar — Transmission	1
9	75-0010	Asm. — Transmission	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	1
20	93-6691	Decal — Bolt (Europe)	1
20	80-4880	Decal — Bolt (Japan)	1

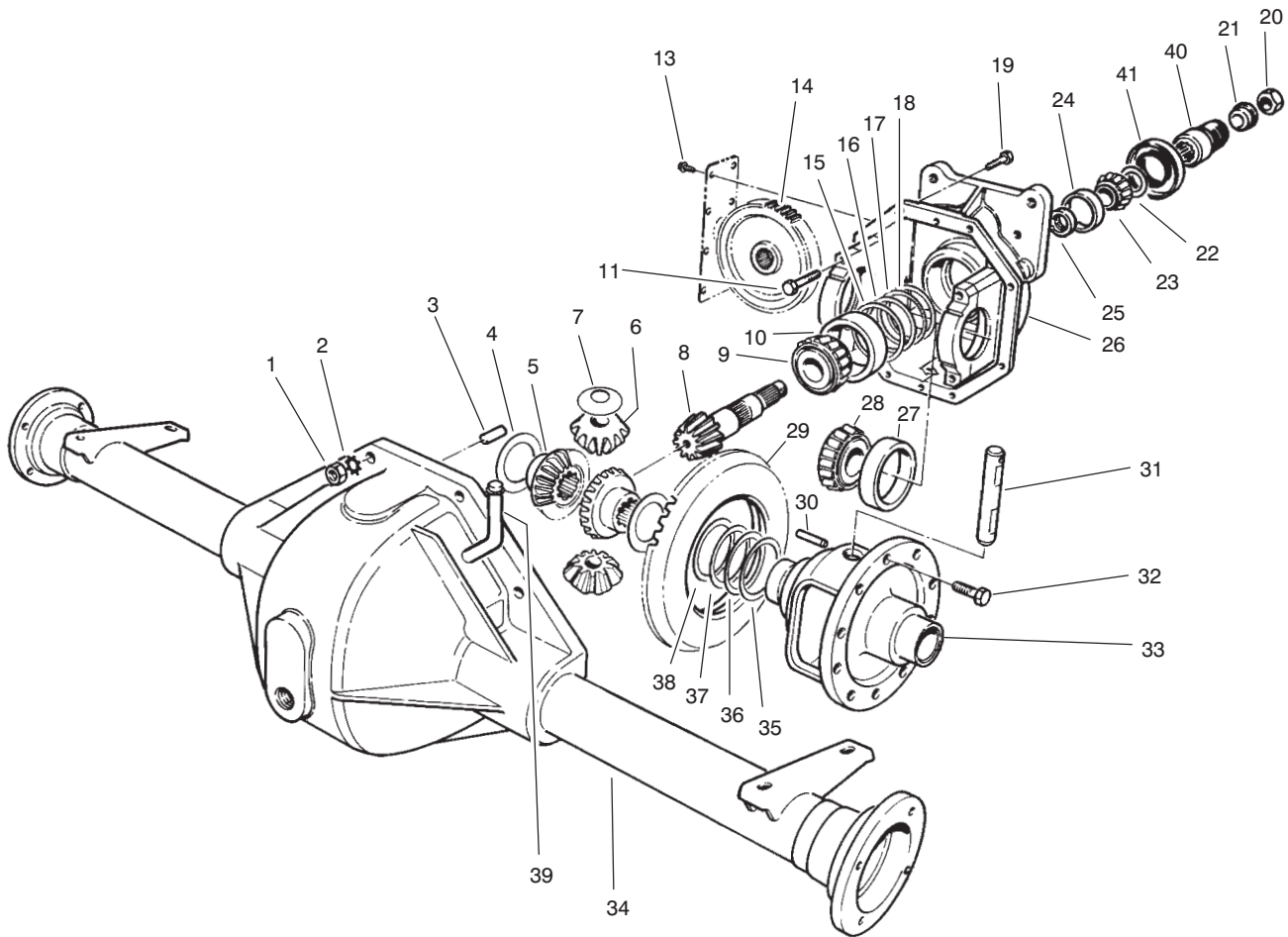
Ref. No.	Part No.	Description	No. Used
21	324-7	Screw — Cap Hex. Hd.	4
22	76-8730	Decal — Bolt Torque	2
23	75-4720	Fitting — Hydraulic 90° (Incl. Ref. #26)	1
24	2412-129	Clamp — Hose	2
25	75-6350	Hose	1
26	237-81	Seal — O-Ring	2
27	75-1330	Filter — Oil	1
28	323-12	Screw — Cap Hex. Hd.	2
29	3253-21	Washer — 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	Asm. — Front Axle	1



T-1050B

FRONT AXLE & TRANSMISSION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
44	85-4350	Sensor — Gear Tooth	1	51	32144-112	Screw — Cap Hex. Hd.	8
45	231-134	Tire	2	52	85-4340	Plate — Sensor Mounting	1
46	217-120	Rim	2	53	3296-56	Nut — Lock	2
47	232-27	Stem — Valve	2	54	32108-9	Screw — Machine	1
49	321-2	Screw — Cap Hex. Hd.	1	55	92-4808	Sleeve — Trans. Pilot	1
50	3253-3	Washer — Lock	1	56	92-5797	Gasket — Axle	1



T-1315

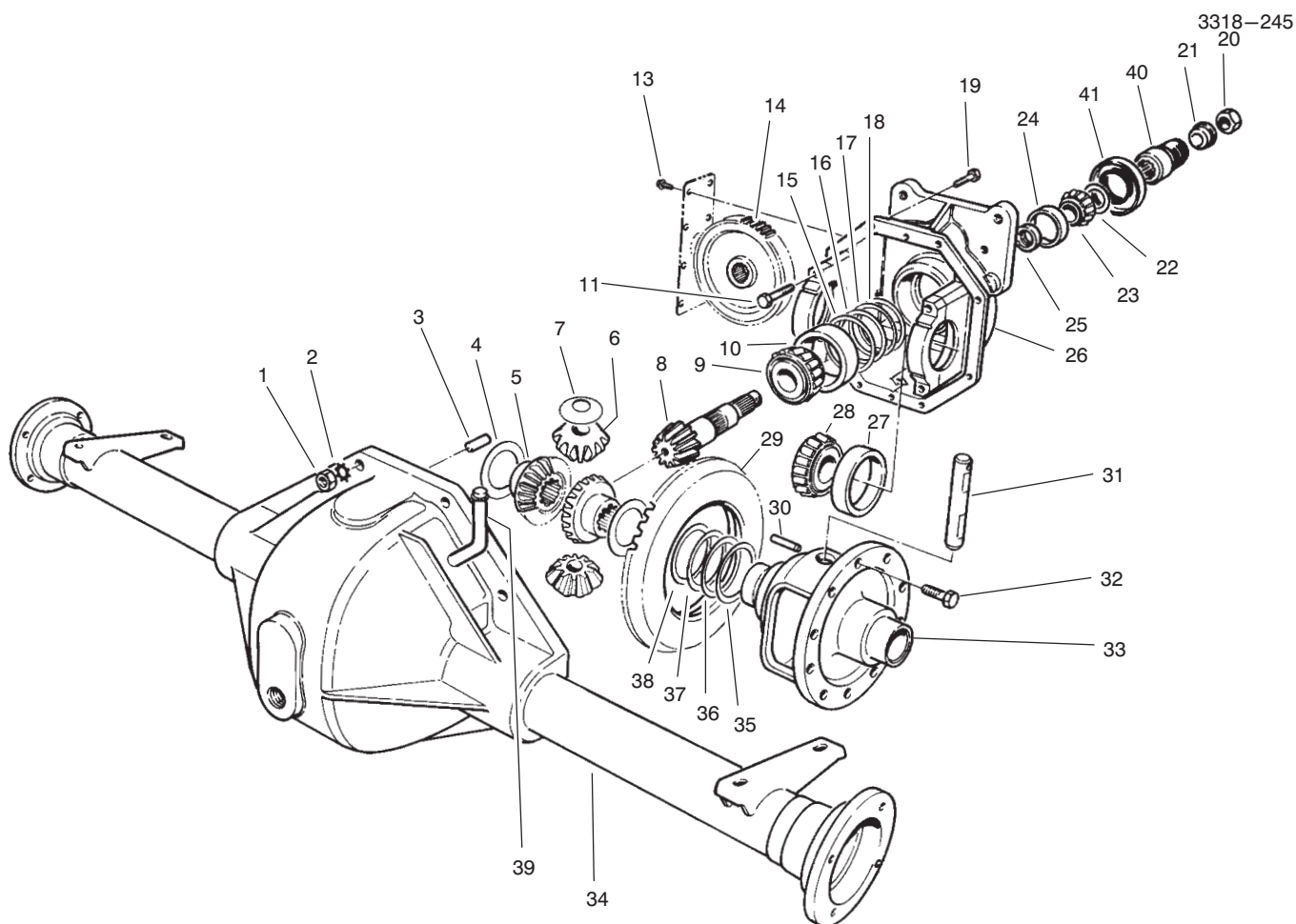
FRONT AXLE ASSEMBLY NO. 94—6932

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

Ref. No.	Part No.	Description	No. Used
22	72—3573	Shim .100 — Diff. Adjust.	A/R
*	72—3574	Shim .102 — Diff. Adjust.	A/R
*	72—3575	Shim .104 — Diff. Adjust.	A/R
*	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

*Not Illustrated

†Not Serviced Separately



T-1315

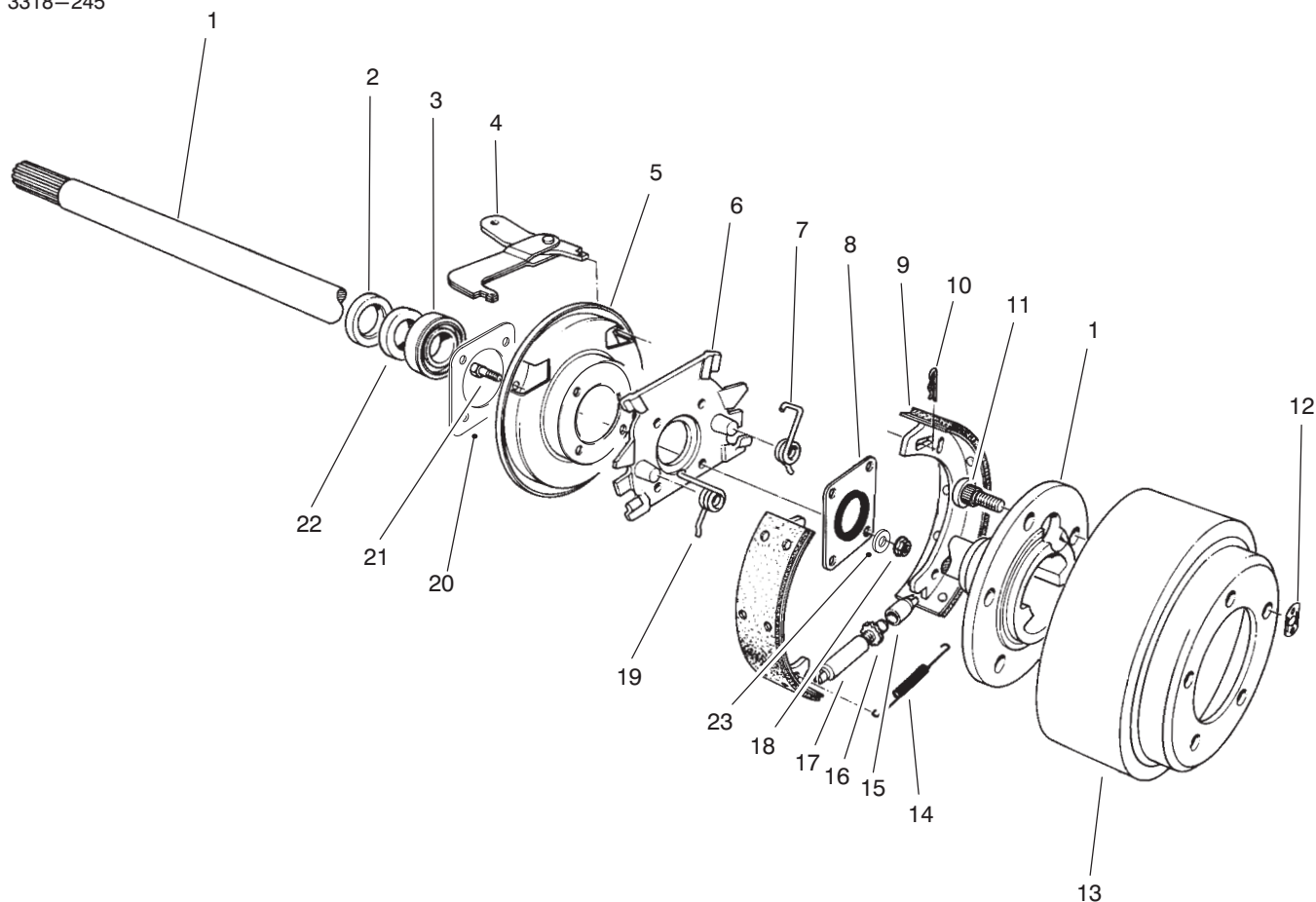
FRONT AXLE ASSEMBLY NO. 94-6932 (Continued)

Ref. No.	Part No.	Description	No. Used
22	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
26	86-7190	Upper Housing (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

Ref. No.	Part No.	Description	No. Used
34	75-0720	Housing—Lower	1
35	21-8120	Diff. Adjust. Shim .030	A/R
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	Asm. — Gear & Pinion (Incl. Ref. #8 & 29)	1
*	94-6937	Asm. — Differential (Incl. Ref. #4-10, 14-33, 35-38, 40 & 41)	1

*Not Illustrated

†Not Serviced Separately



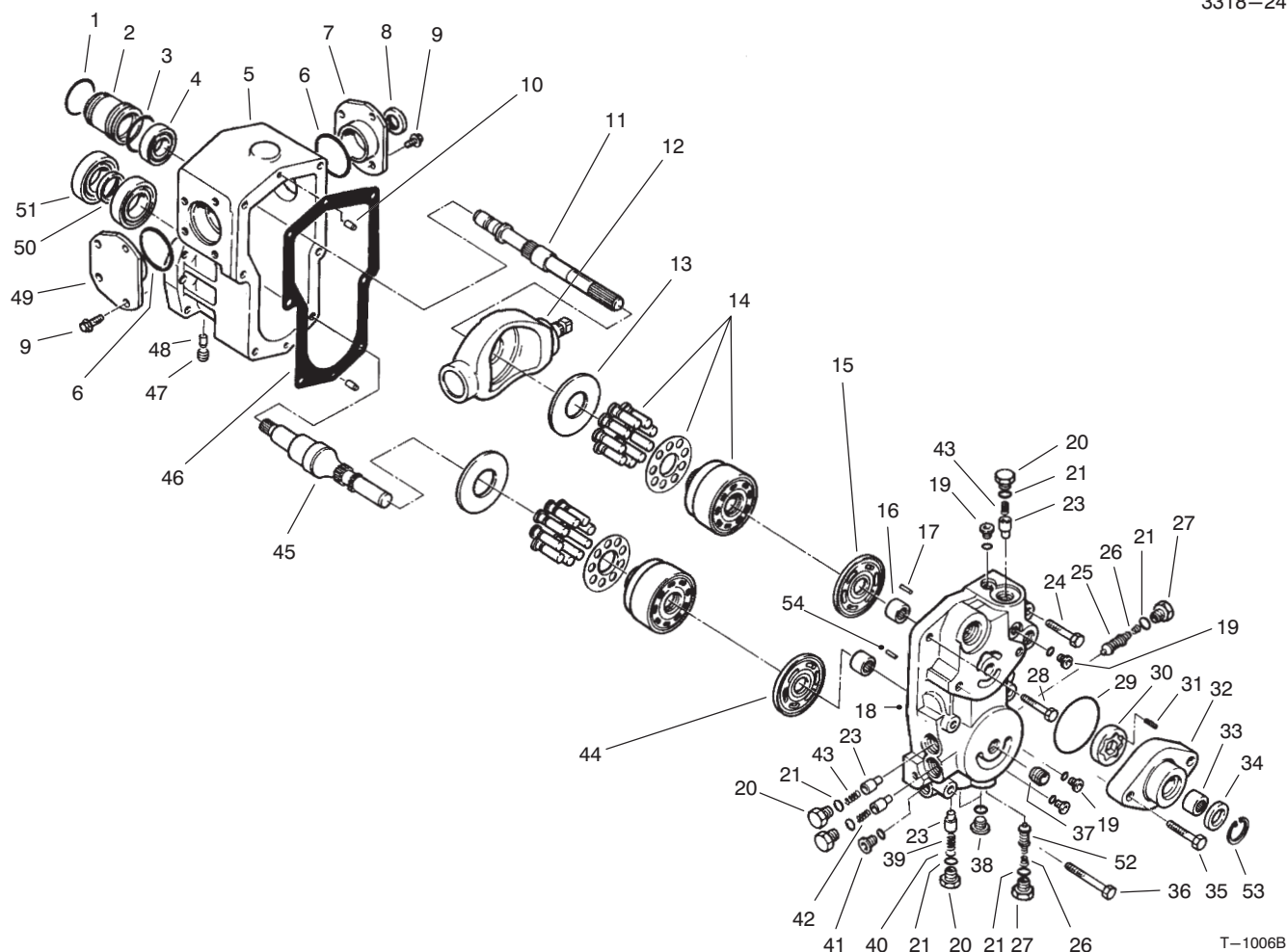
T-0421C

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	24-9180	Lever — Brake, Parking	2
5	21-9450	Shield — Dust	2
6	43-6810	Spider — Torque	2
7	21-9430	Spring — Shoe Return, R.H.	2
8	28-0670	Seal — Oil	2
9	84-8590	Asm. — Shoe & Lining	4
10	21-9460	Retainer — Brake, Parking	4
11	242-34	Stud — Flange, Axle	10
12	21-8360	Clip — Retaining	2

Ref. No.	Part No.	Description	No. Used
13	28-0680	Drum — Brake	2
14	21-9440	Spring — Adjusting Screw	2
15	21-9390	Socket — Adjusting Screw	2
16	21-9370	Screw — Adjusting	2
17	21-9380	Nut — Pivot	2
18	94-6935	Nut — Lock	8
19	21-9420	Spring — Shoe Return, L.H.	2
20	93-7416	Insert — Dust Shield	2
21	94-6934	Screw — Cap, Soc. Hd.	8
22	24-8840	Ring — Bearing, Wheel	2
23	94-6936	Washer	8
*	92-8775	Gasket — Kit, Liquid	1
*	84-8600	Set of Lined Brake Shoes	1

*Not Illustrated

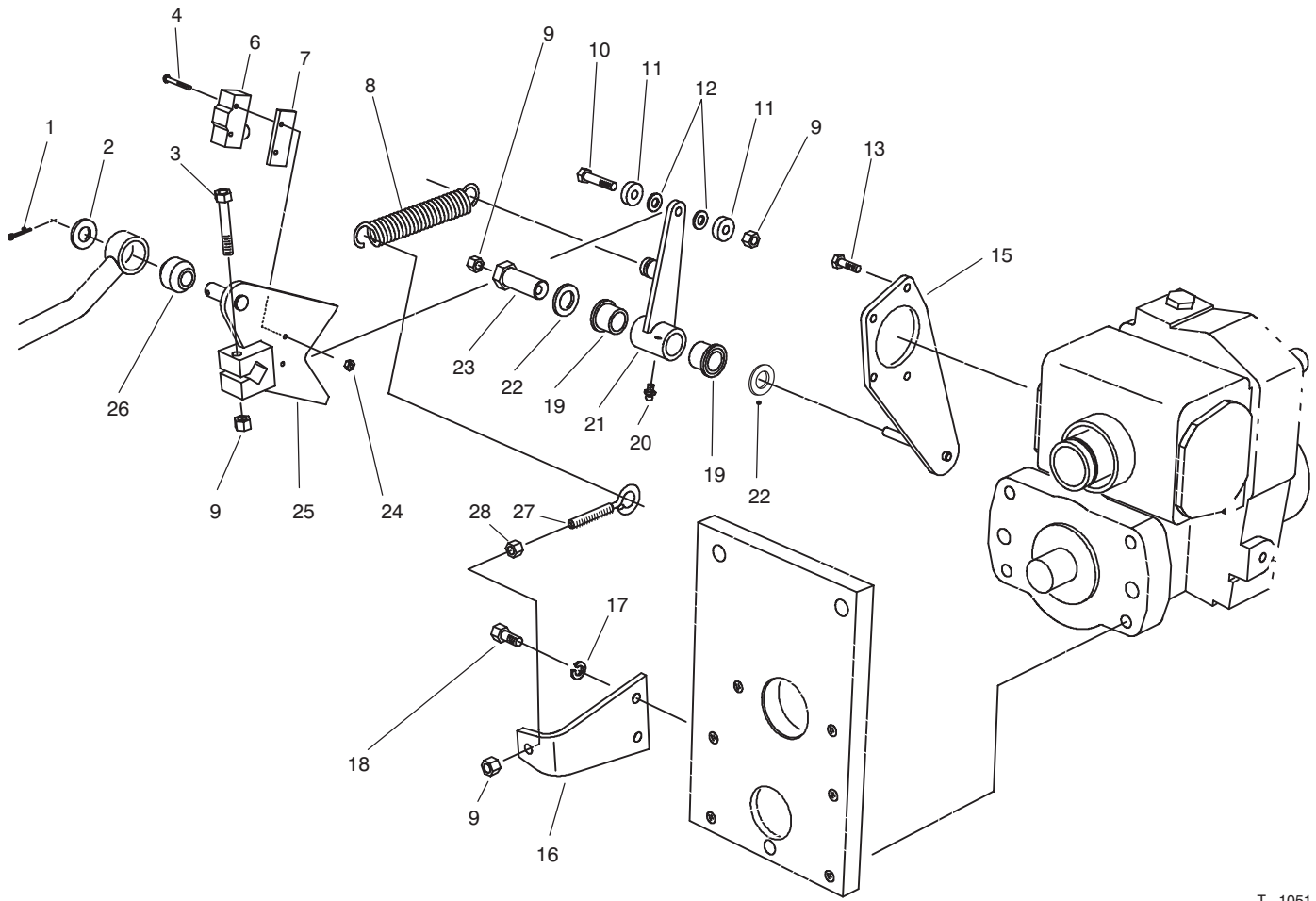


TRANSMISSION ASSEMBLY NO. 75-0010

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	Asm. — Trunnion Cover 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	Asm. — Trunnion Cover 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

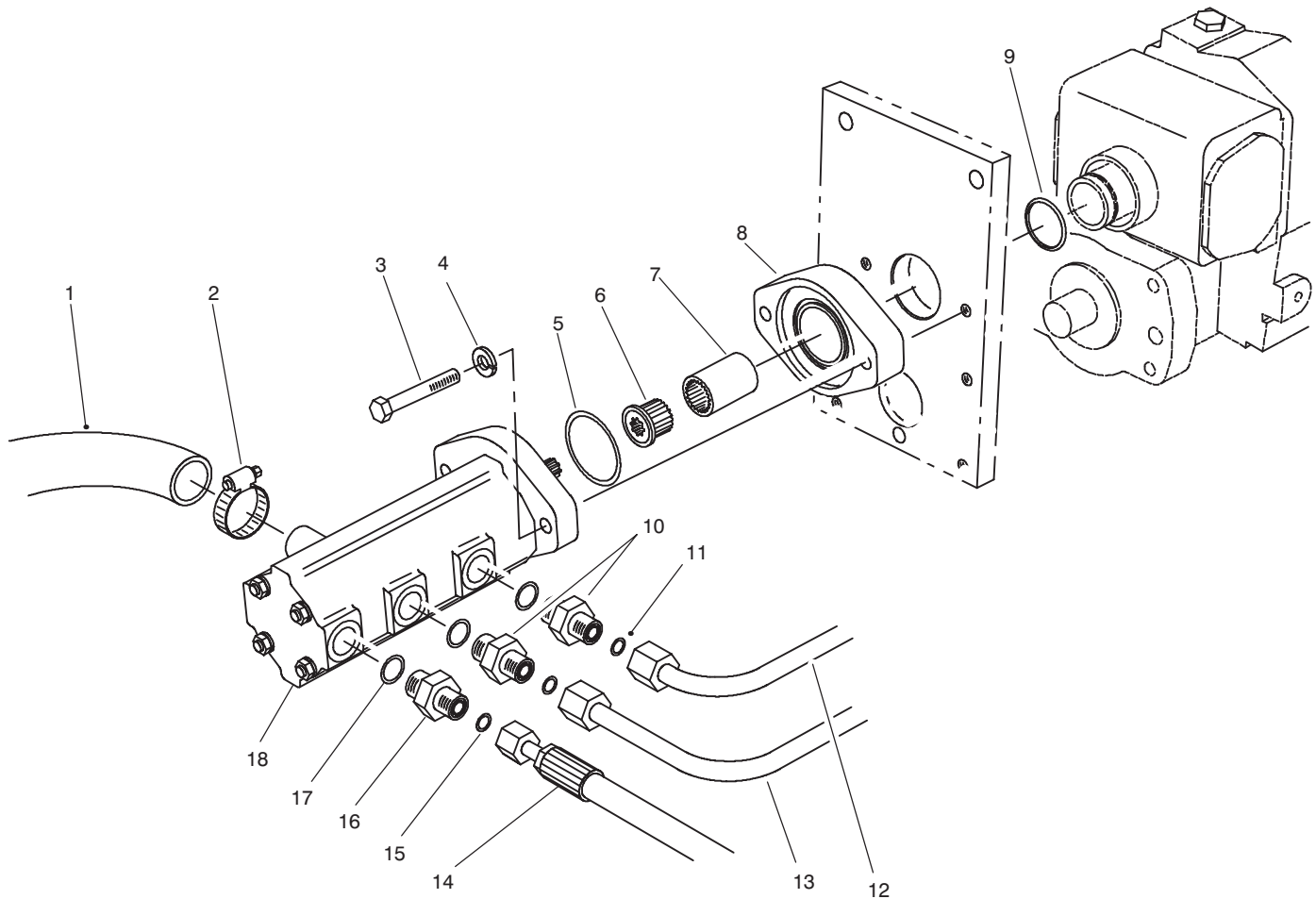


T-1051

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	Asm. — Switch Arm (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

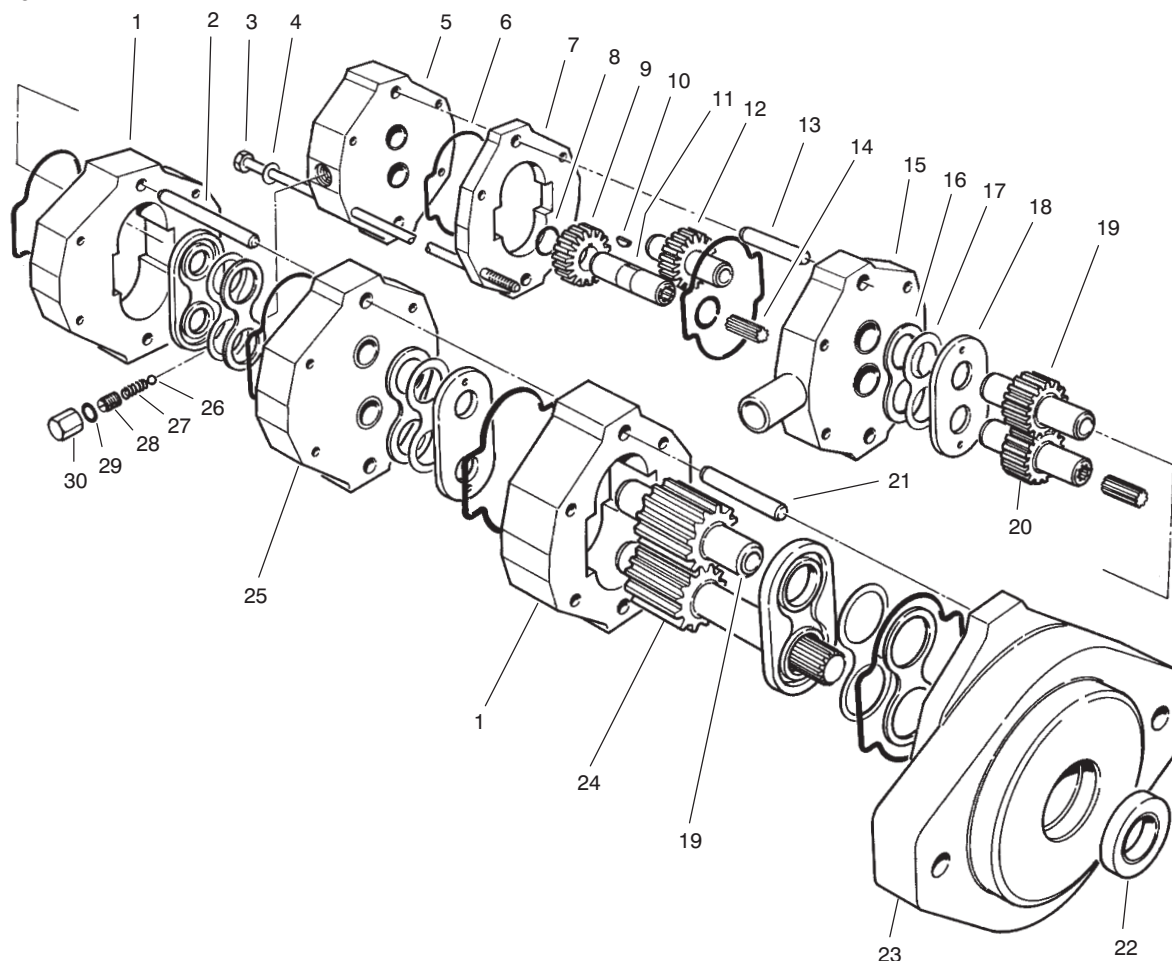


T-1052

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	Asm. — Gear Pump	1

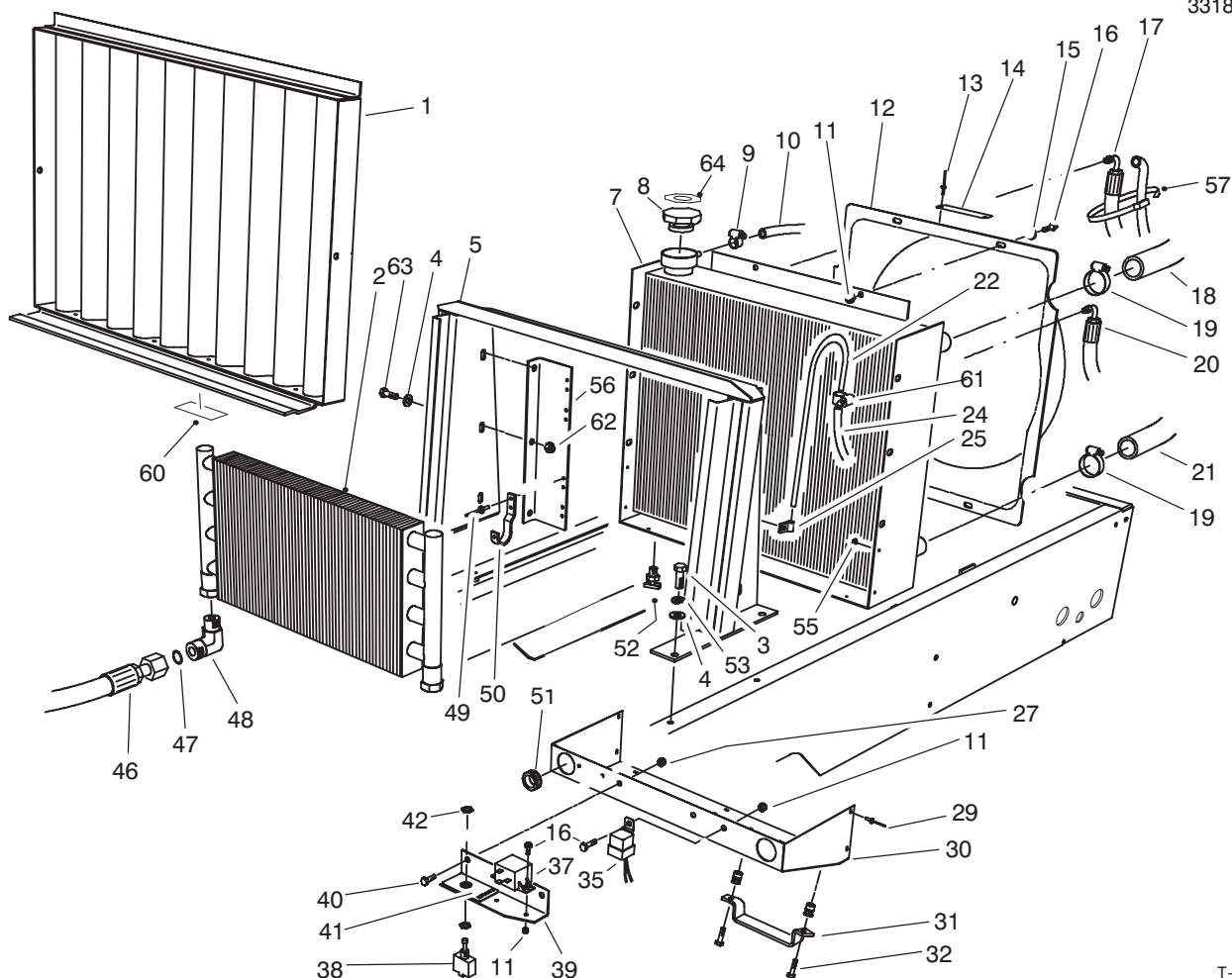


T-1029

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	Asm. — Cover	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	Asm. — Idler Shaft	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 — Pre—Load 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	Asm. — Pump Body	1
24	354—52	Shaft — Drive	1
25	354—55	Asm. — Plate (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



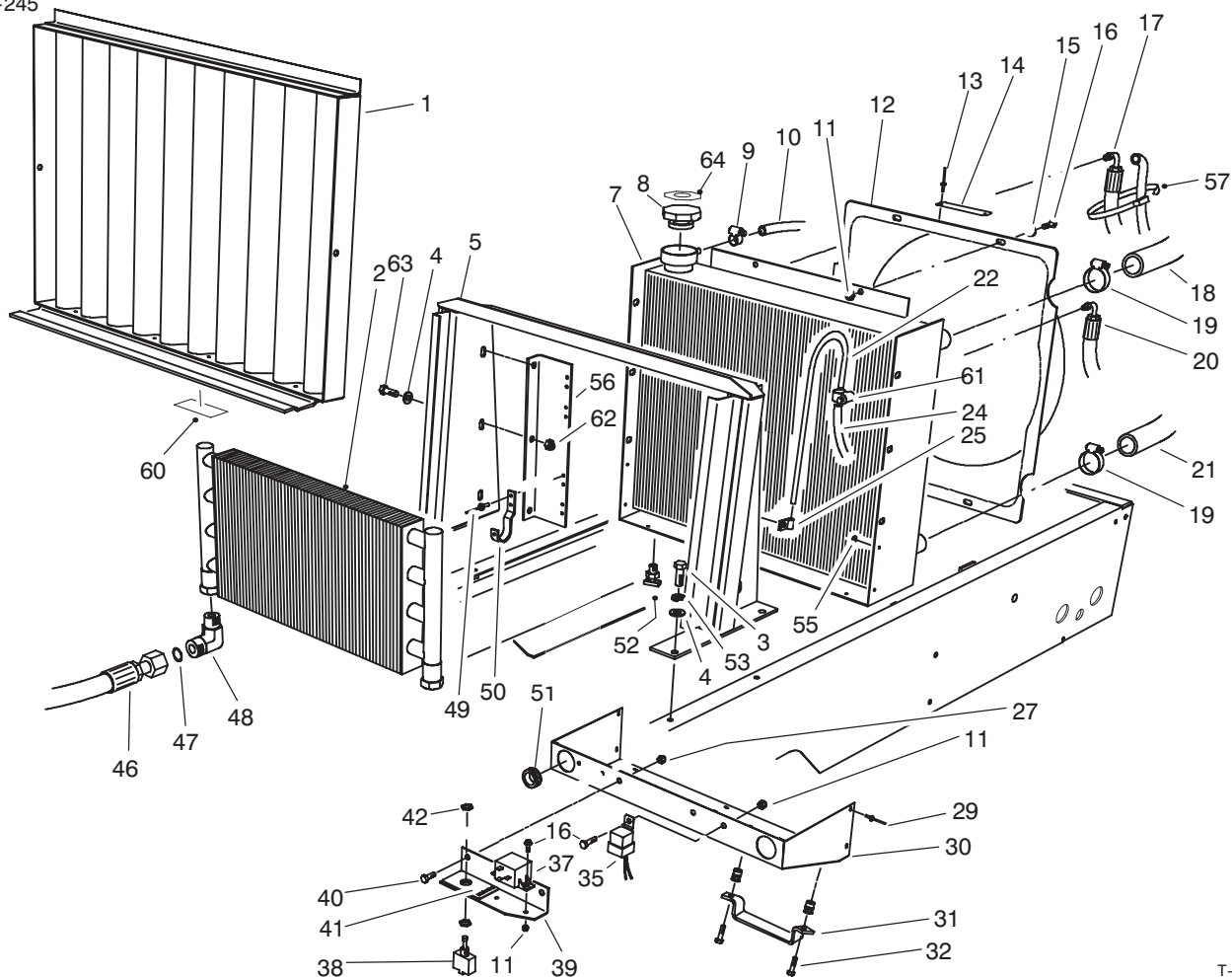
T-1053D

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	1
41	93-6684	Decal — Backlap Switch (Europe)	1
41	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



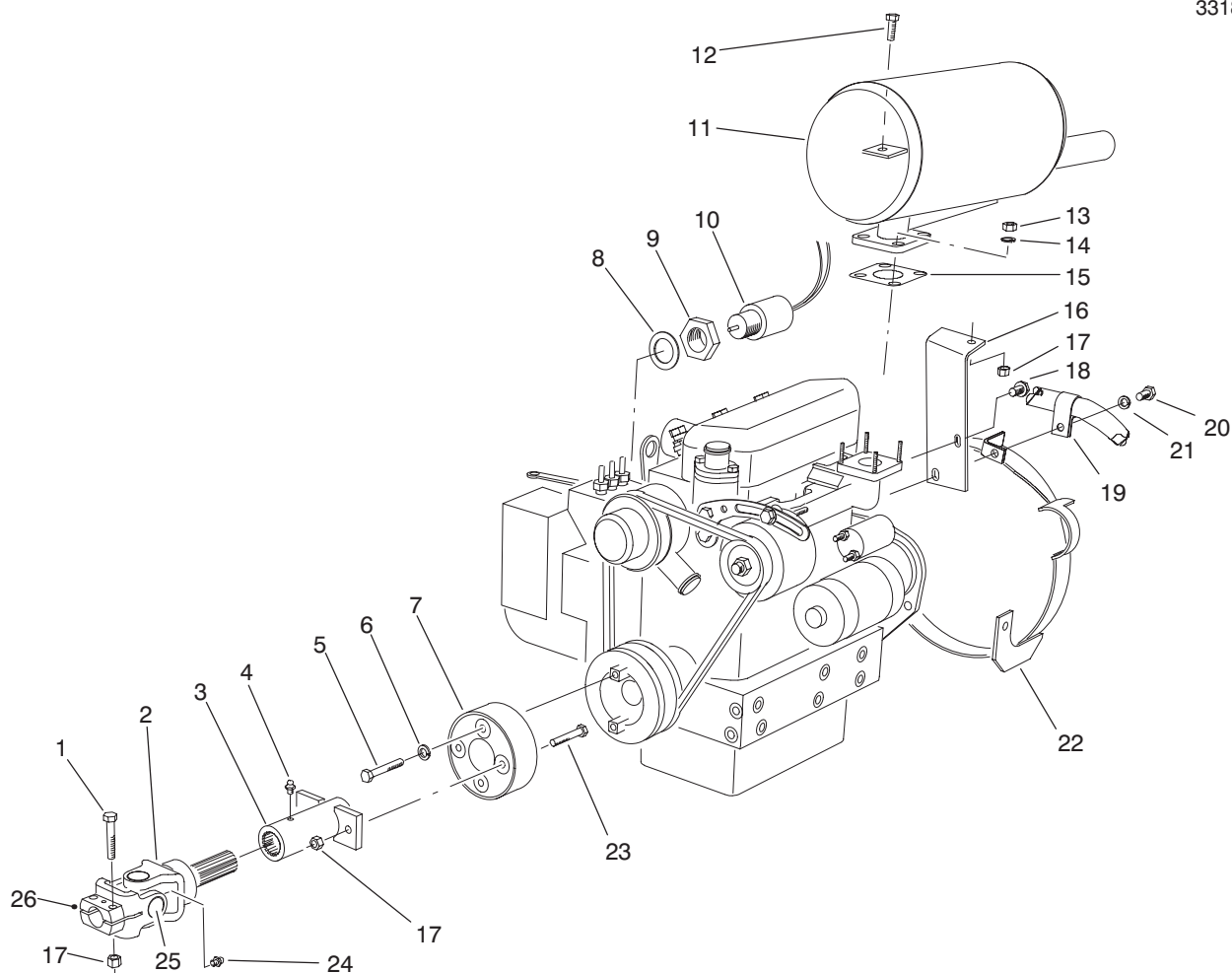
T-1053D

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	Asm. - Support Plate R.H. (Incl. Ref. #49 & 50)	1
*	75-5170	Asm. - Support Plate L.H. (Incl. Ref. #49 & 50)	1
57	3290-378	Tie - Cable	1
60	83-7450	Decal - Down (English)	1

Ref. No.	Part No.	Description	No. Used
60	93-8056	Decal - Down (Europe)	1
60	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



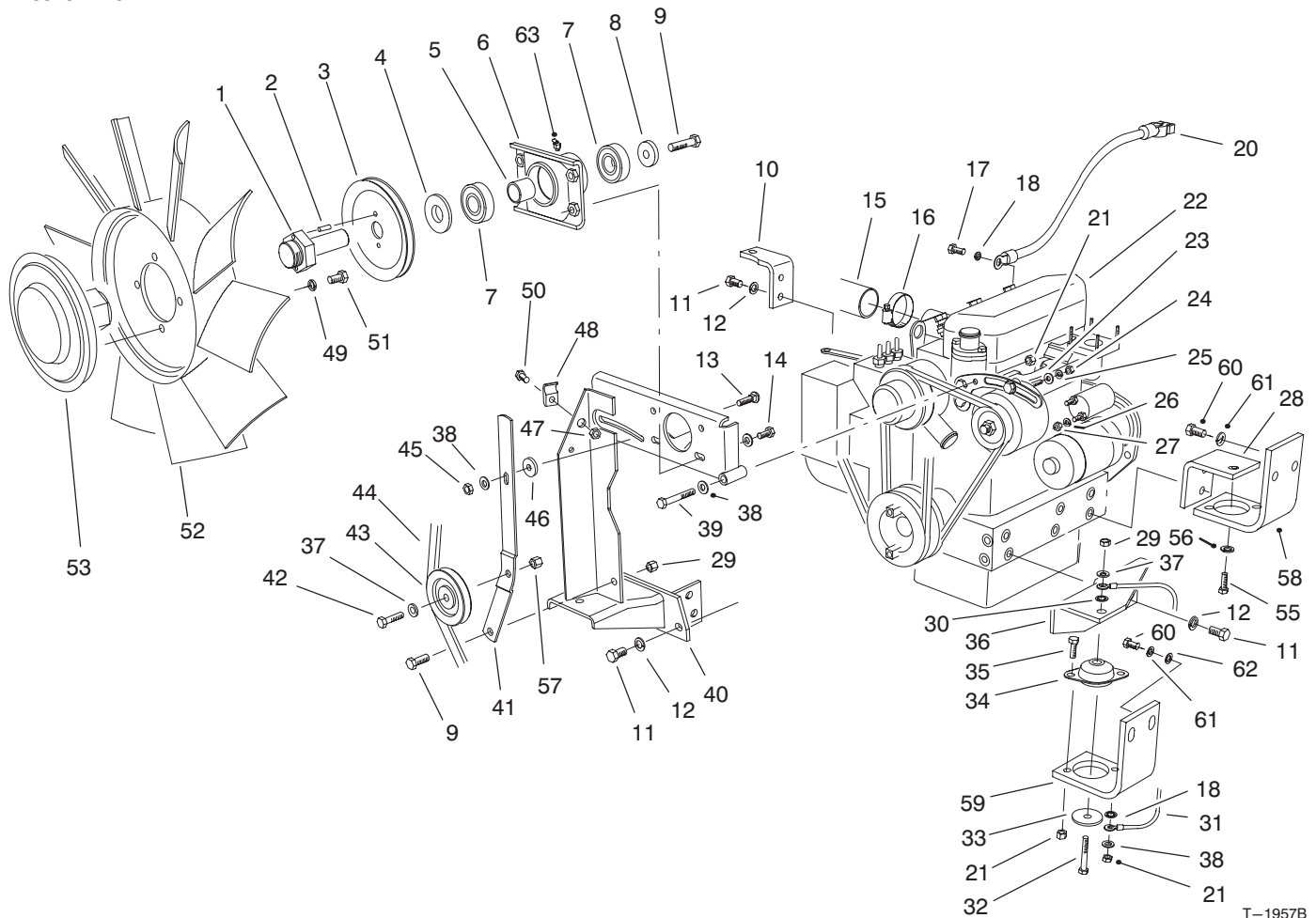
T-1054

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

Ref. No.	Part No.	Description	No. Used
13	48-7930	Nut — Lock	4
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

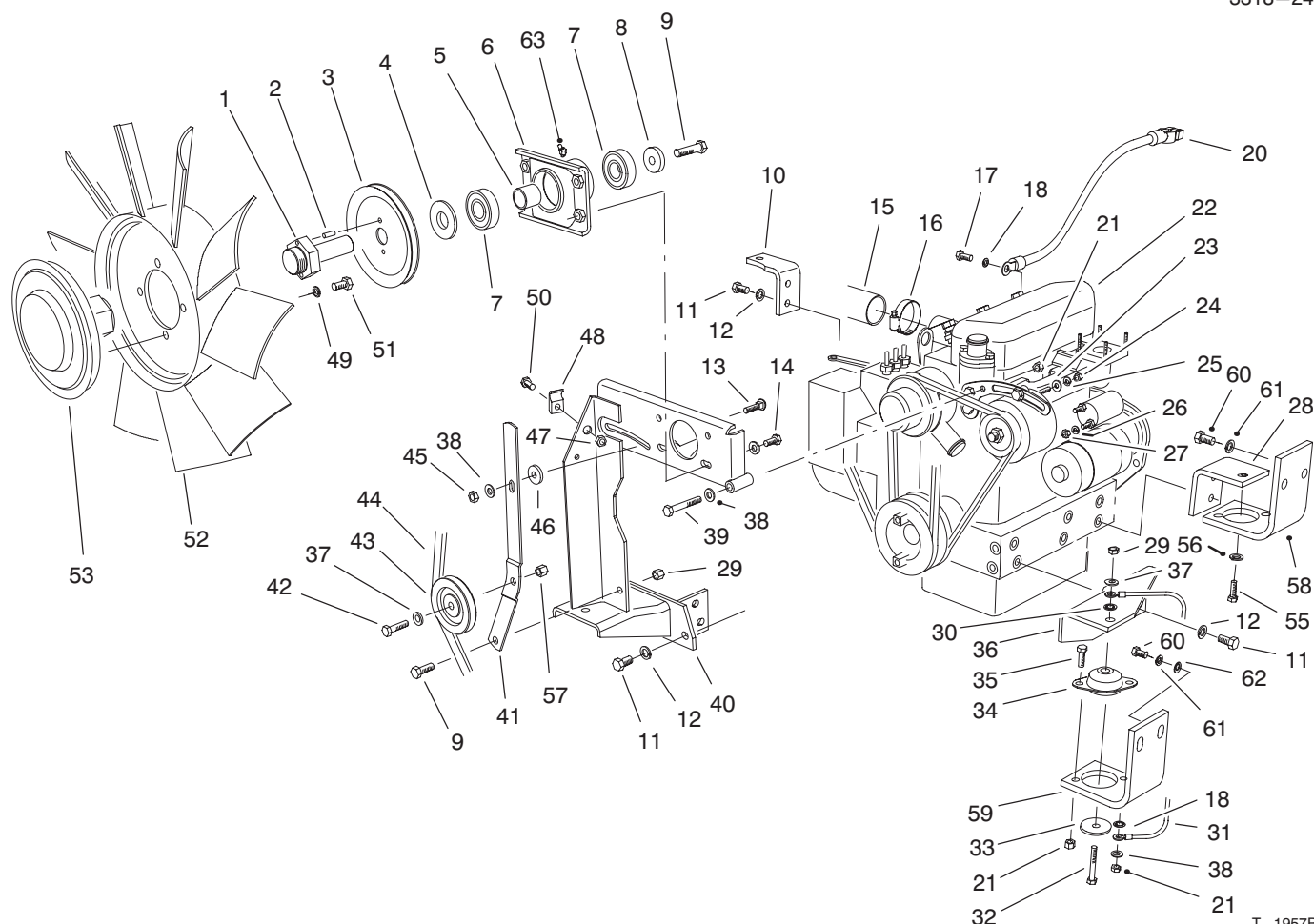
*Not Illustrated



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	94-3558	Asm. — Engine	1
23	5-3637	Washer — Flat	1
24	43-5970	Nut — Hex.	1

Ref. No.	Part No.	Description	No. Used
25	43-5920	Washer — Lock	1
26	42-9850	Washer — Lock	1
27	57-6390	Nut — Lock	2
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

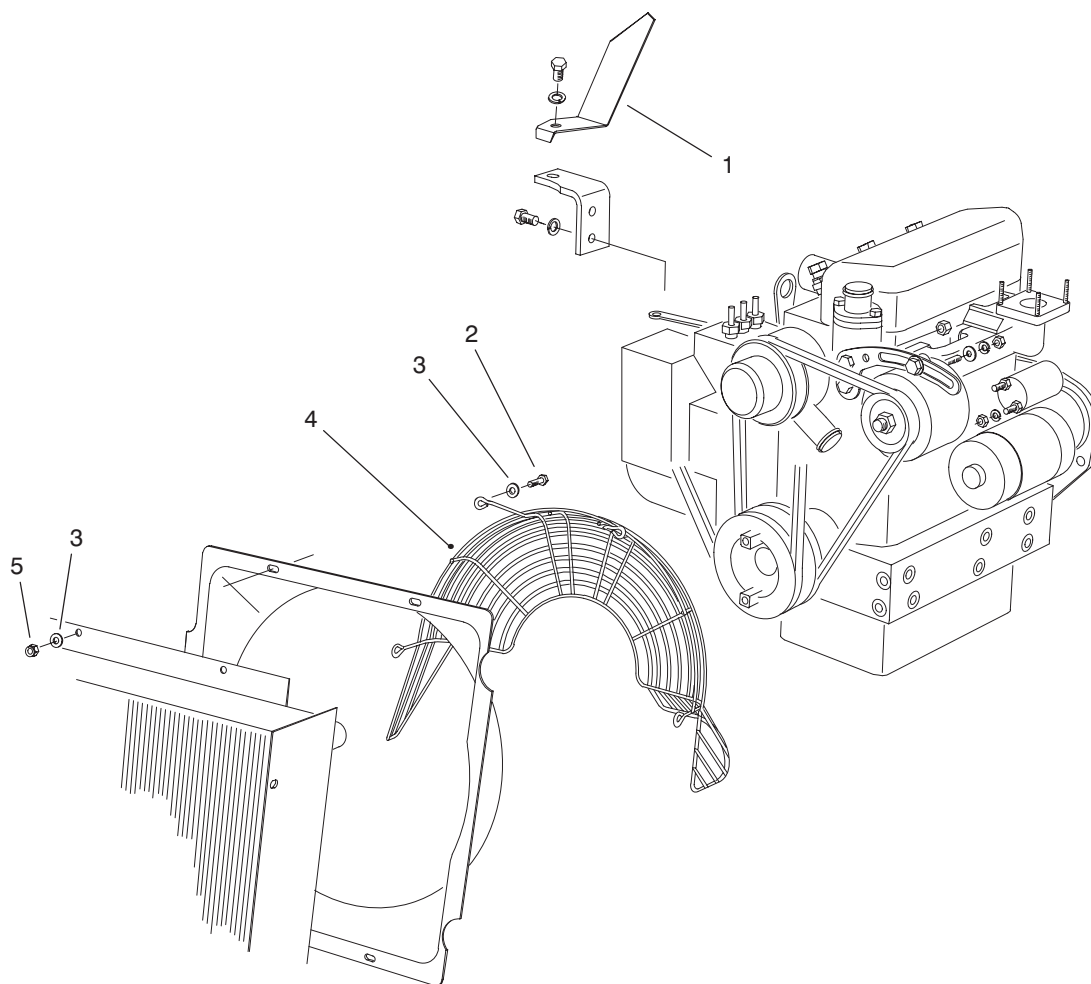


T-1957B

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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
55	323-9	Screw — Cap Hex. Hd.	1
56	3253-21	Washer — Lock	1

Ref. No.	Part No.	Description	No. Used
57	3296-59	Nut — Lock	1
58	63-6360	Bracket — Engine, Rear	1
*	63-6361	Bracket — Engine, Rear	1
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



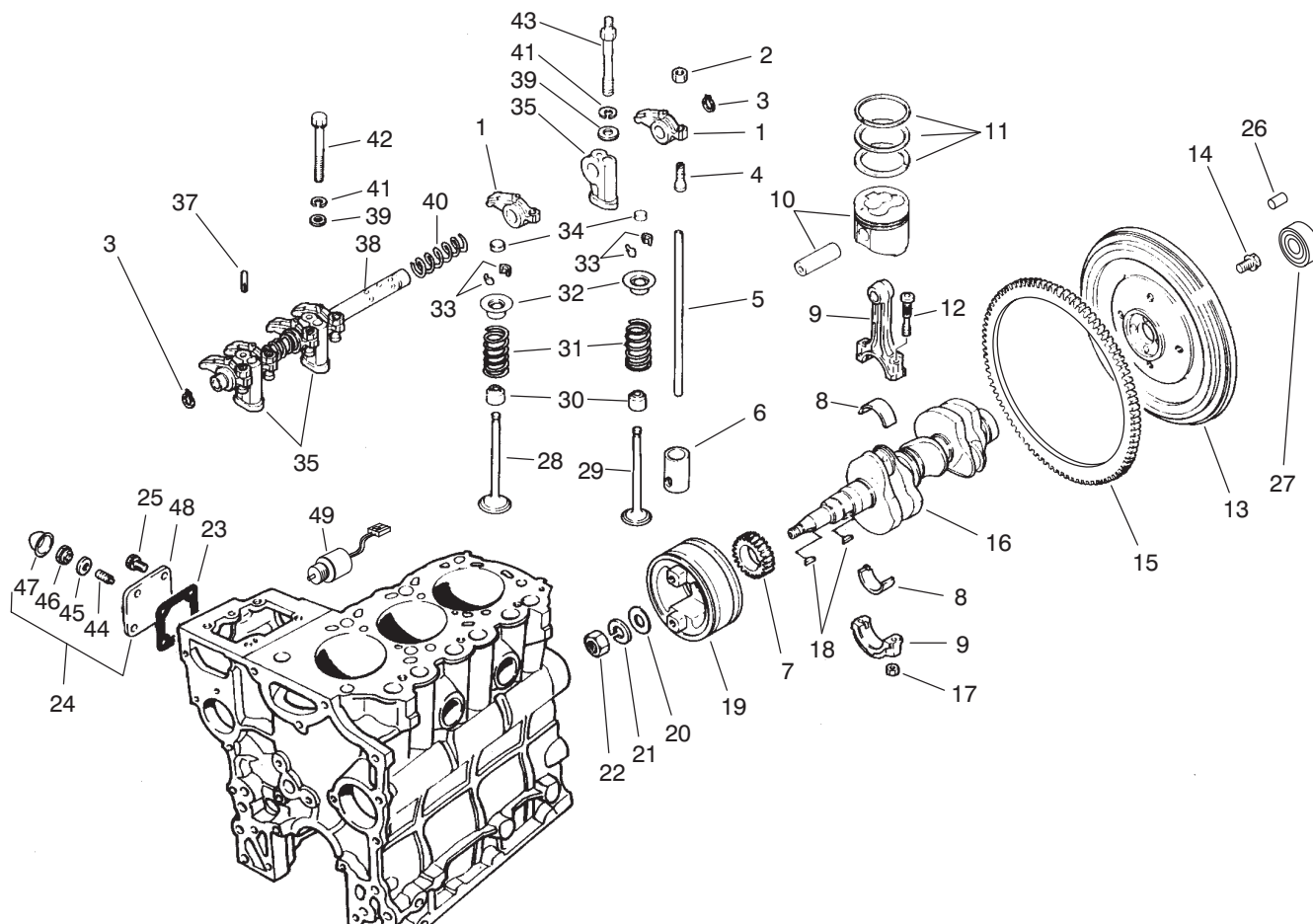
T—2016

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



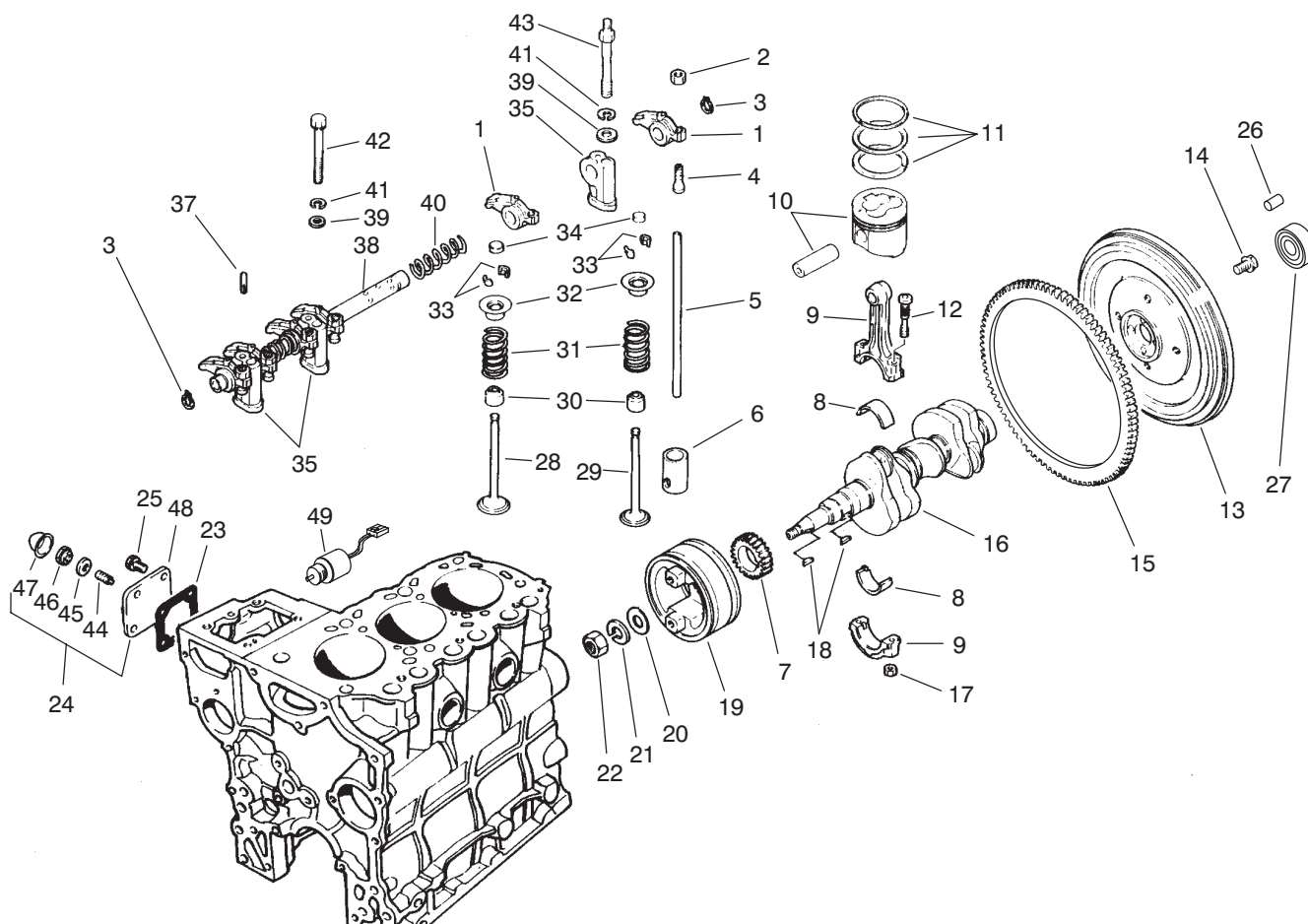
T-0565

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	Asm. — Rod, Connecting (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	Asm. — Flywheel (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	Asm. — Cover (Incl. Ref. #44-47)	1
25	42-9440	Bolt W/Washer	4
28	67-3130	Valve — Intake	3
29	67-3140	Valve — Exhaust	3
30	42-7870	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	Asm. — Rocker Shaft	1

*Not Illustrated

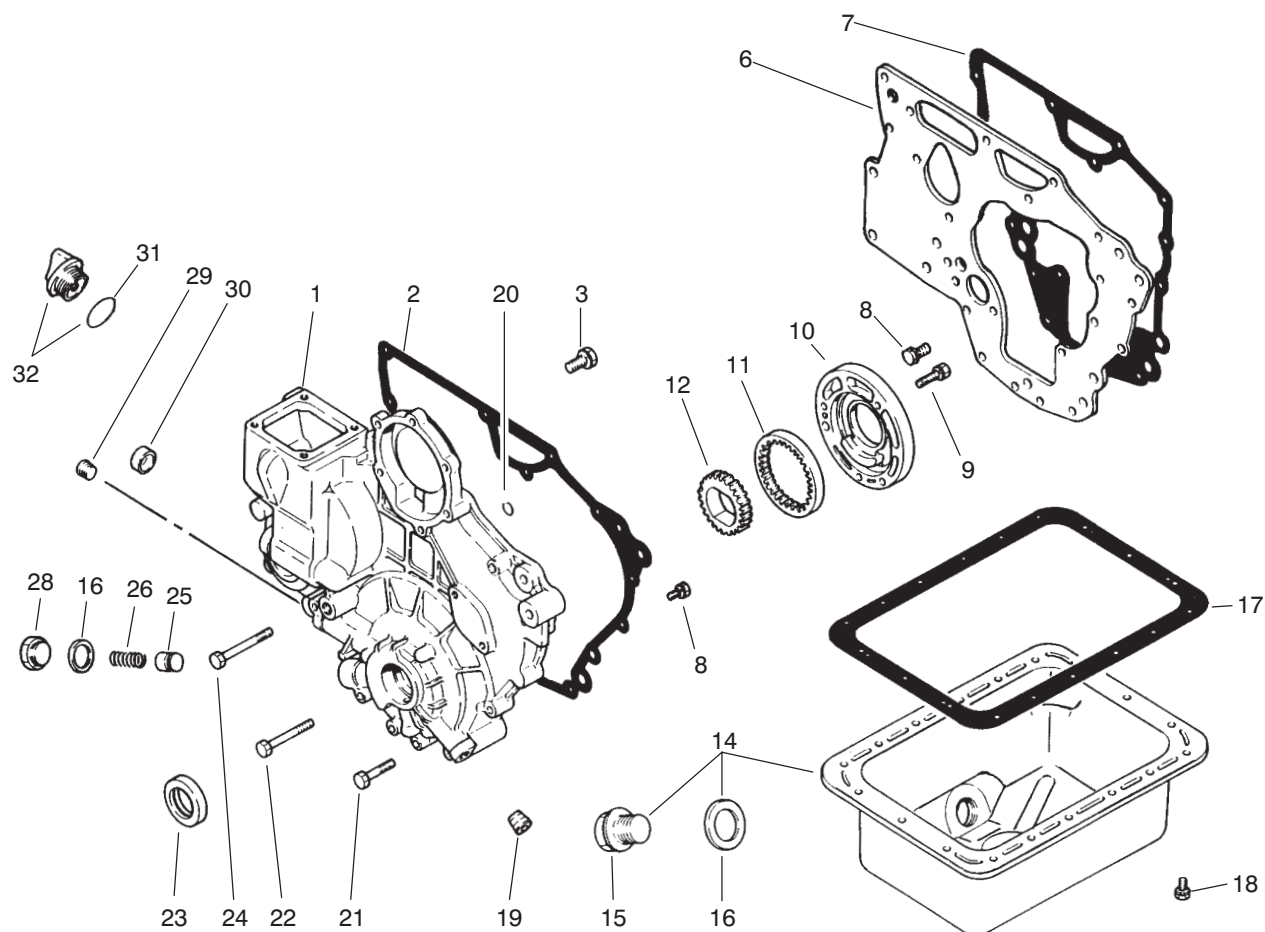


T-0565

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

Ref. No.	Part No.	Description	No. Used
44	43-3160	Screw - Adjusting	1
45	75-5120	Gasket	1
46	43-5960	Nut - Special	1
47	43-2820	Cap - Sealing	1



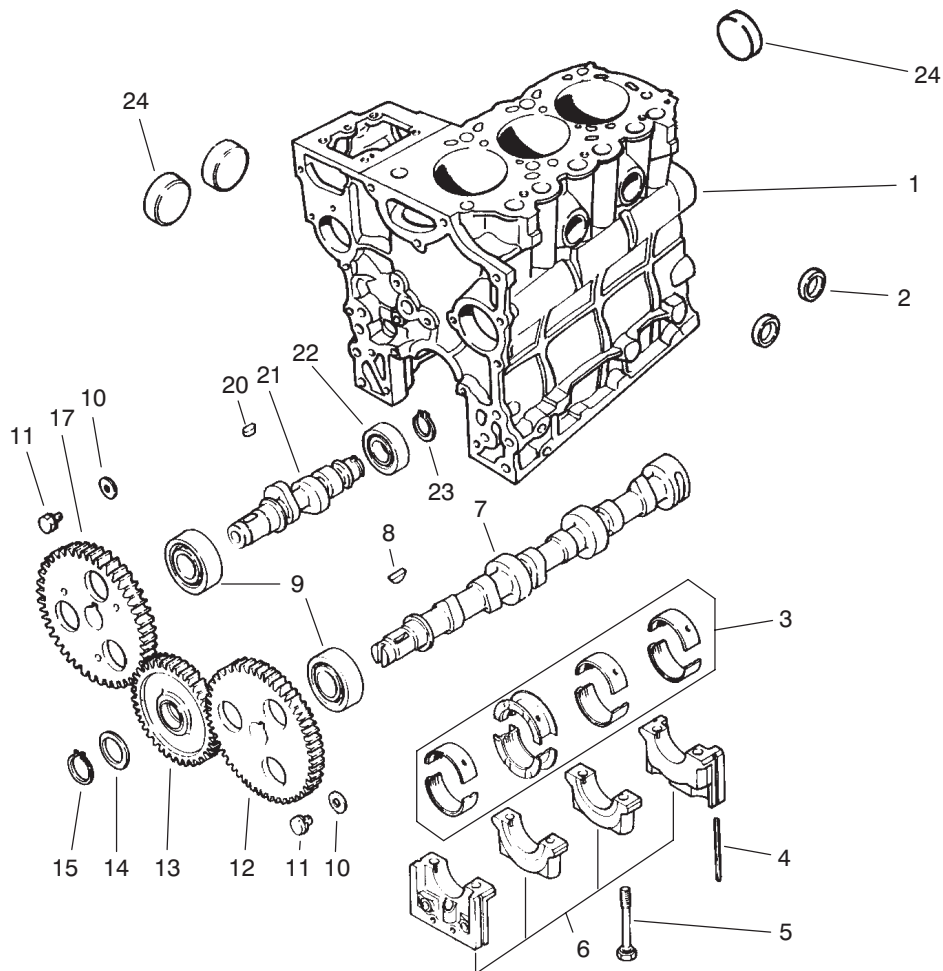
T-0567

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-1259	Asm. — Gear Case	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	Asm. — Oil Pan (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	Asm. — Oil Fill Cap (Incl. Ref. #31)	1
*	75-5040	Gasket Kit (Incl. Ref. #2, 7, 16 & 17)	1

*Not Illustrated



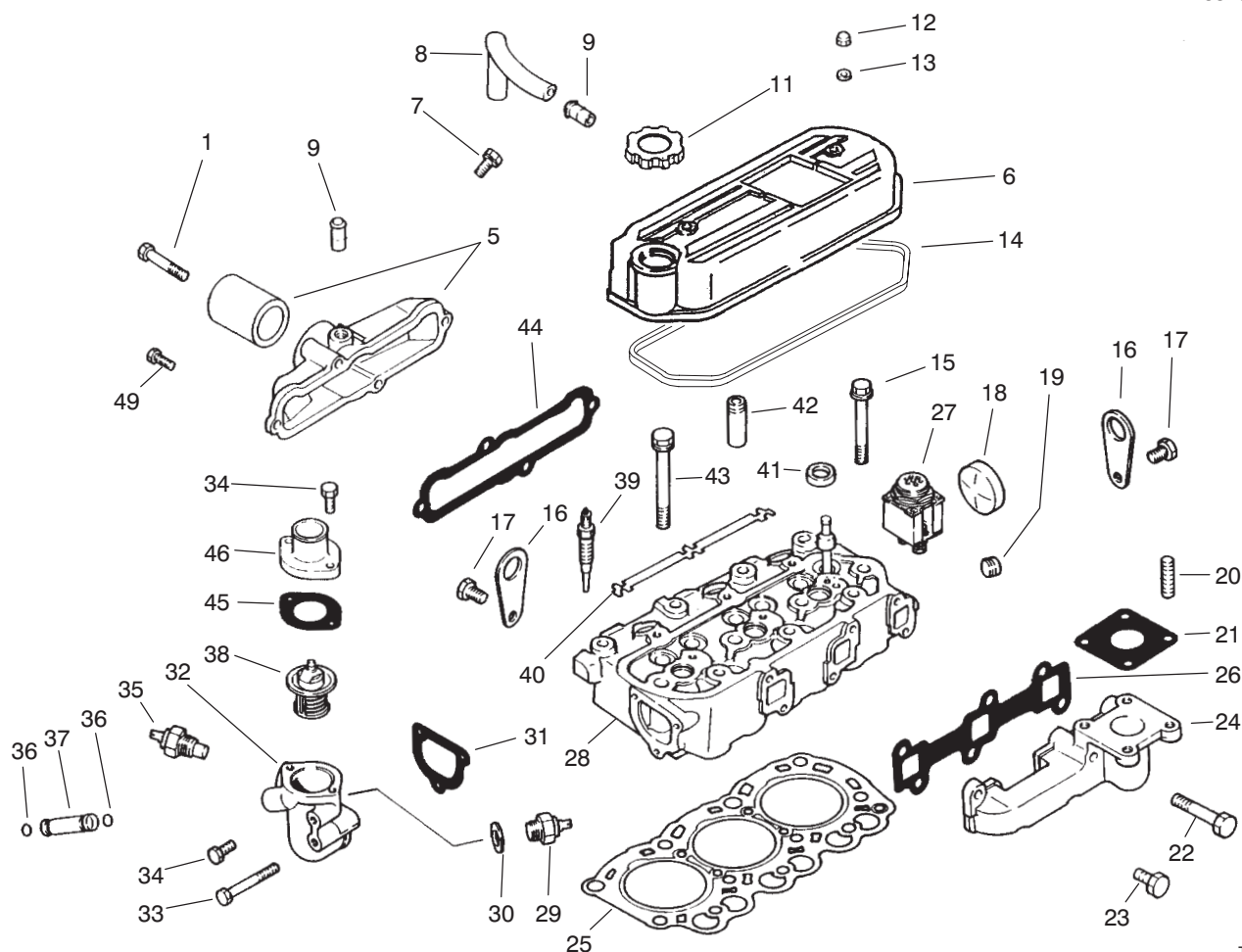
T-0564

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-1257	Asm. — Block (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		Asm. — Cap	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	Asm. — Gear	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

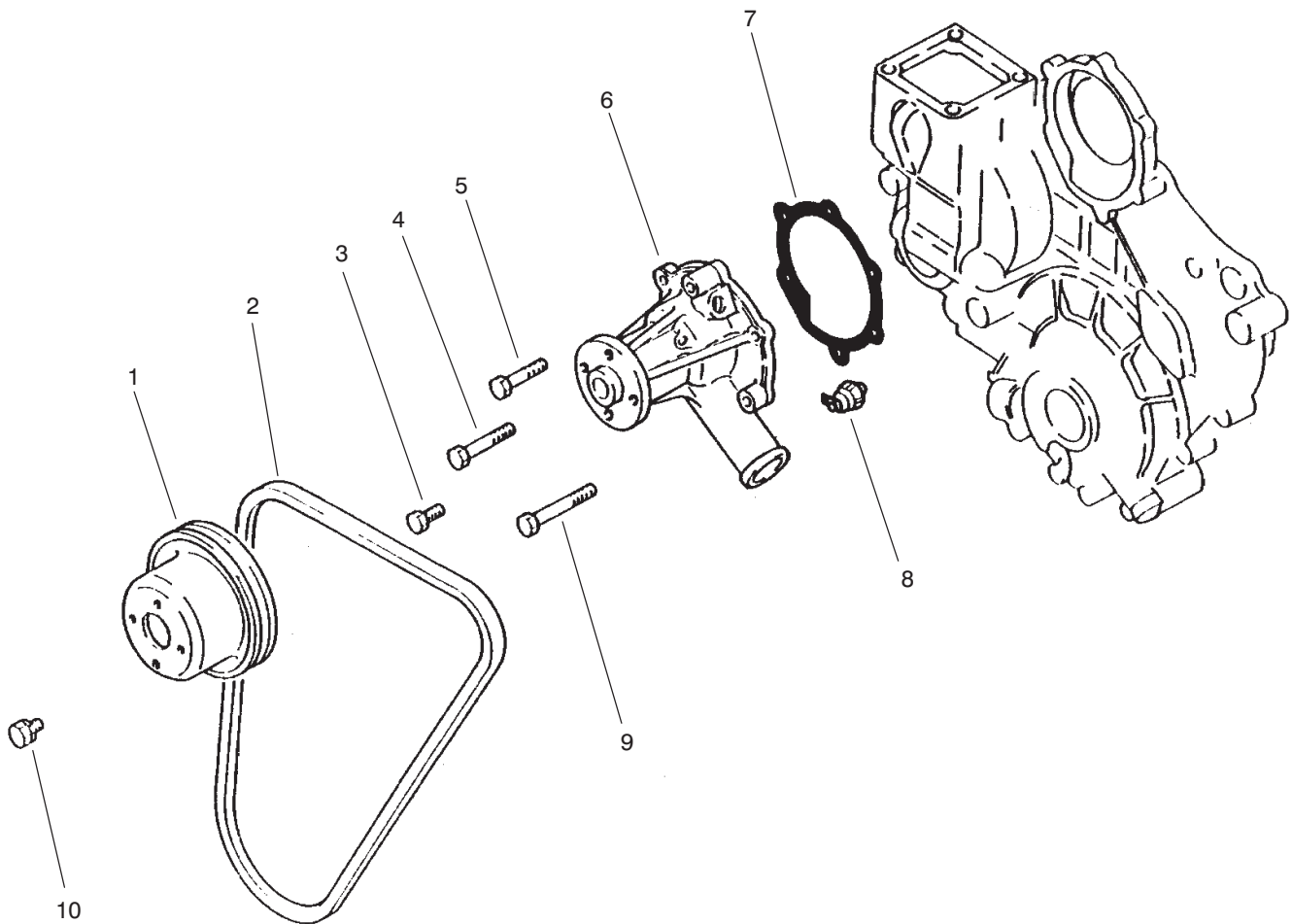


T-0566D

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2
4	42-7510	Pipe	1
5	94-3533	Asm. - Cover (Incl. Ref. #9)	1
7	42-9430	Bolt W/Washer	1
8	67-2670	Hose - Breather	1
9	42-7510	Pipe	1
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
28	75-4930	Asm. - Cylinder Head (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

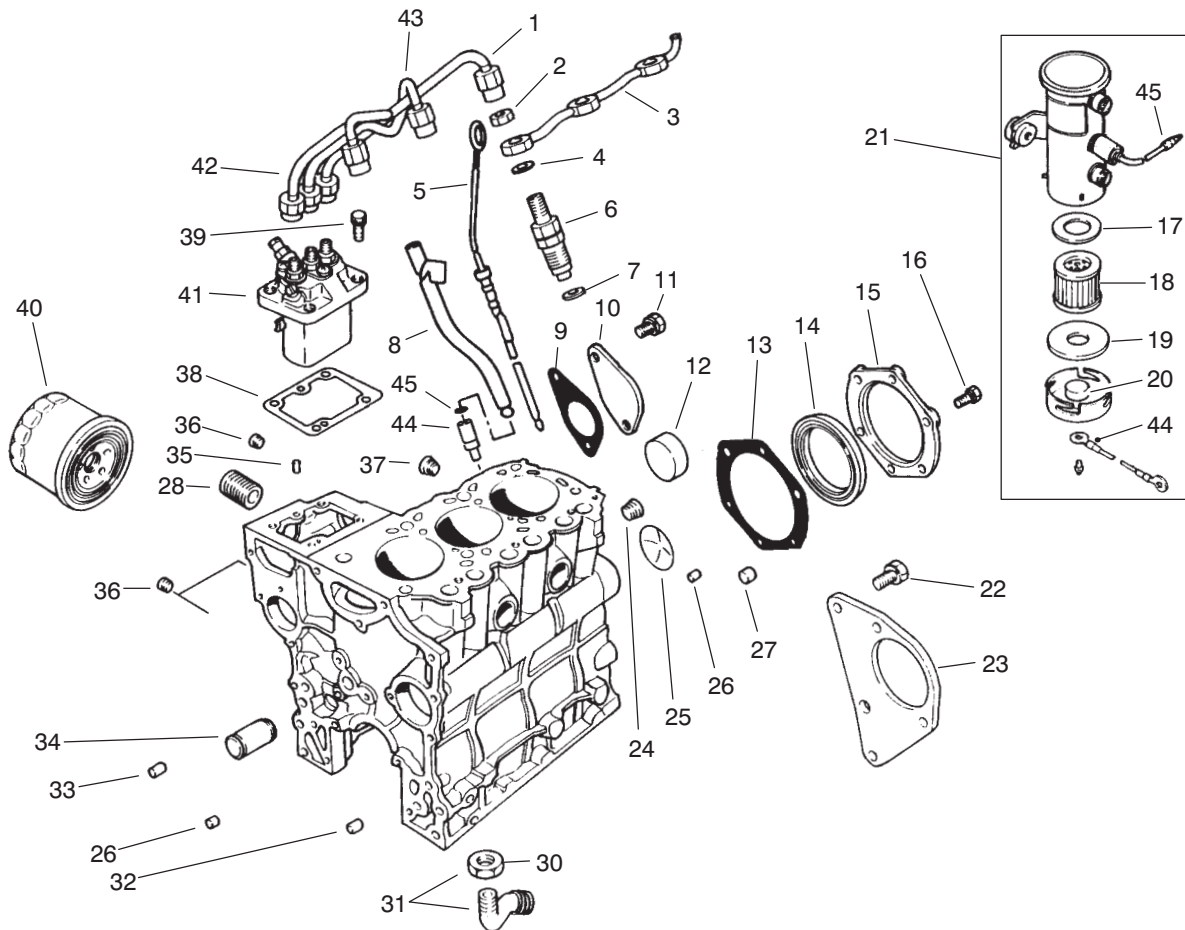


T-0568

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	Asm. — Water Pump	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

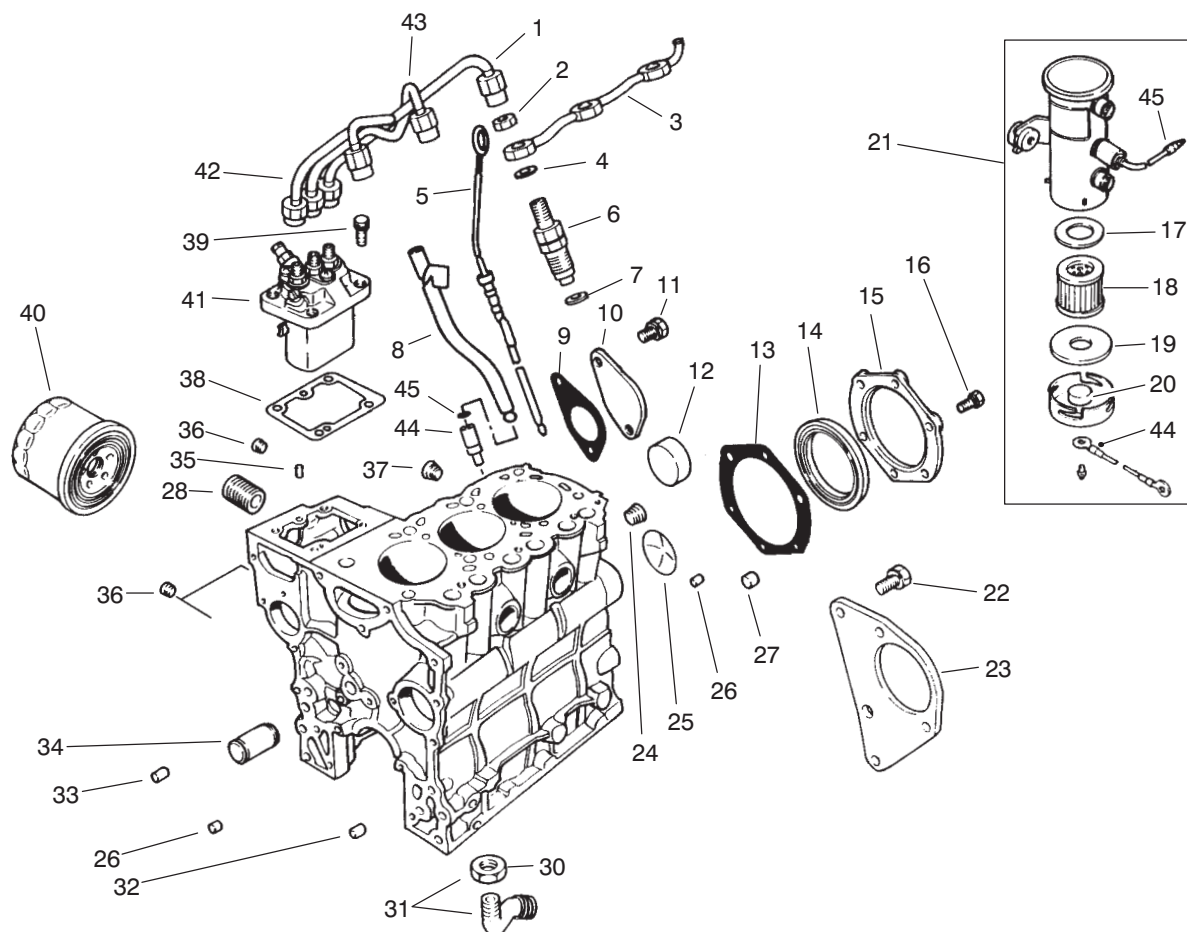


T-0569

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-3420	Asm. — Pipe #3	1	22	67-2440	Bolt W/Washer	3
2	67-3430	Nut	3	23	67-2430	Bracket — Starter	1
3	70-8700	Pipe — Fuel Return	1	24	67-2390	Plug — Taper	1
4	67-3440	Gasket	3	25	67-2350	Plug — Expansion	1
5	70-8880	Dipstick	1	26	67-2360	Bushing — Knock	2
6	67-3380	Asm. — Nozzle & Holder	1	27	67-2380	Bushing — Knock	3
7	67-3390	Gasket — Nozzle Holder	3	28	56-1230	Shaft — Oil Filter	1
8	70-8870	Guide — Oil Level	1	30	42-9650	Nut — Jam	1
9	67-2300	Gasket	1	31	67-4340	Asm. — Screen (Incl. Ref. #30)	1
10	67-2290	Cover	1	32	67-2370	Bushing — Knock	1
11	67-2340	Bolt W/Washer	2	33	42-7190	Bushing — Knock	2
12	56-0020	Plug — Expansion	3	34	67-2260	Shaft — Idler	1
13	67-2280	Gasket — Seal, Oil	1	35	56-0220	Pin — Dowel	2
14	67-2230	Seal — Oil	1	36	67-2210	Plug — Taper	3
15	67-2270	Case — Oil Seal	1	37	56-0100	Plug — Taper	1
16	67-2330	Bolt	6	38	67-3280	Shim 0.2 mm	1
17	43-2570	Gasket — Coil Side	1	*	67-3290	Shim 0.3 mm	1
18	43-2550	Filter	1	*	67-3300	Shim 0.5 mm	1
19	43-2560	Gasket — Side Cover	1	*	67-3310	Shim 0.4 mm	1
20	43-2580	Magnet	1	*	67-3320	Shim 0.6 mm	1
21	53-8150	Asm. — Pump (Incl. Ref. #17-20)	1				

*Not Illustrated



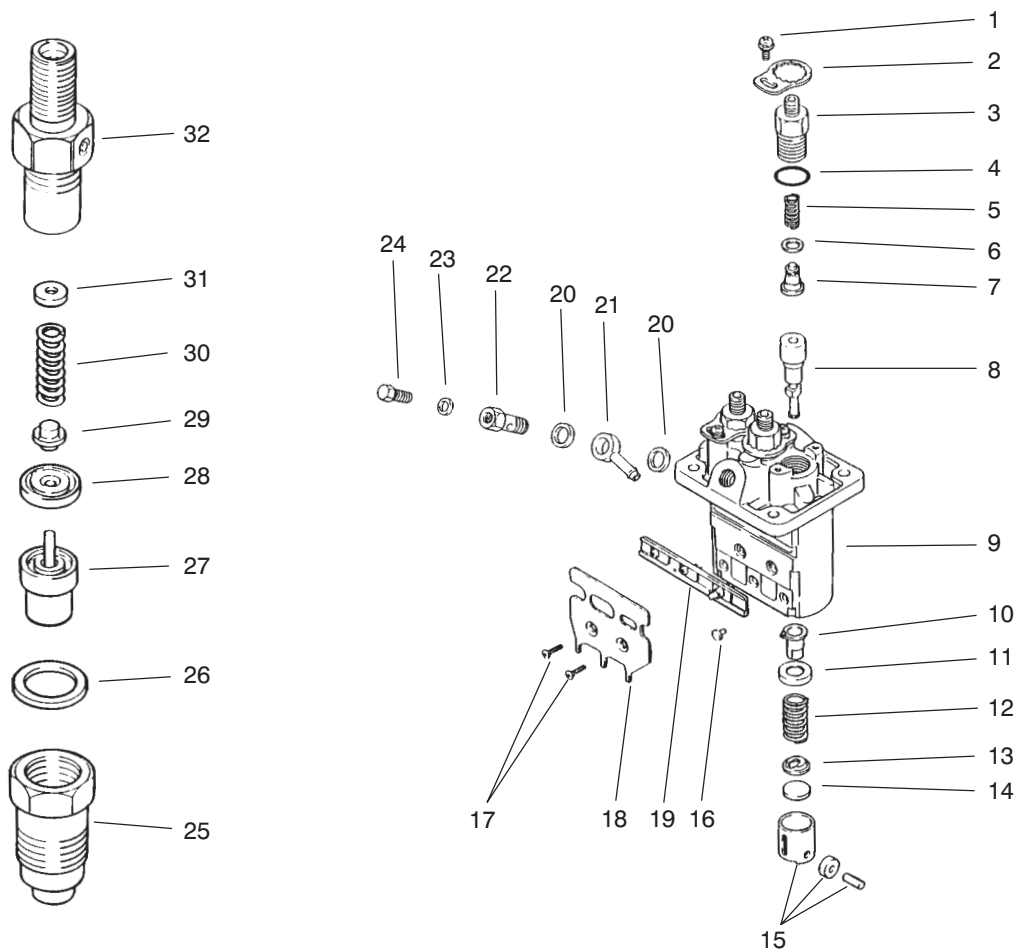
T-0569

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	Asm. — Oil Filter	1

Ref. No.	Part No.	Description	No. Used
41	75-5020	Asm. — Injector Pump	1
42	67-3400	Asm. — Pipe. #1	1
43	67-3410	Asm. — Pipe #2	1
44	72-6950	Retainer — Oil Guide	1
45	43-2710	O—Ring	1

*Not Illustrated



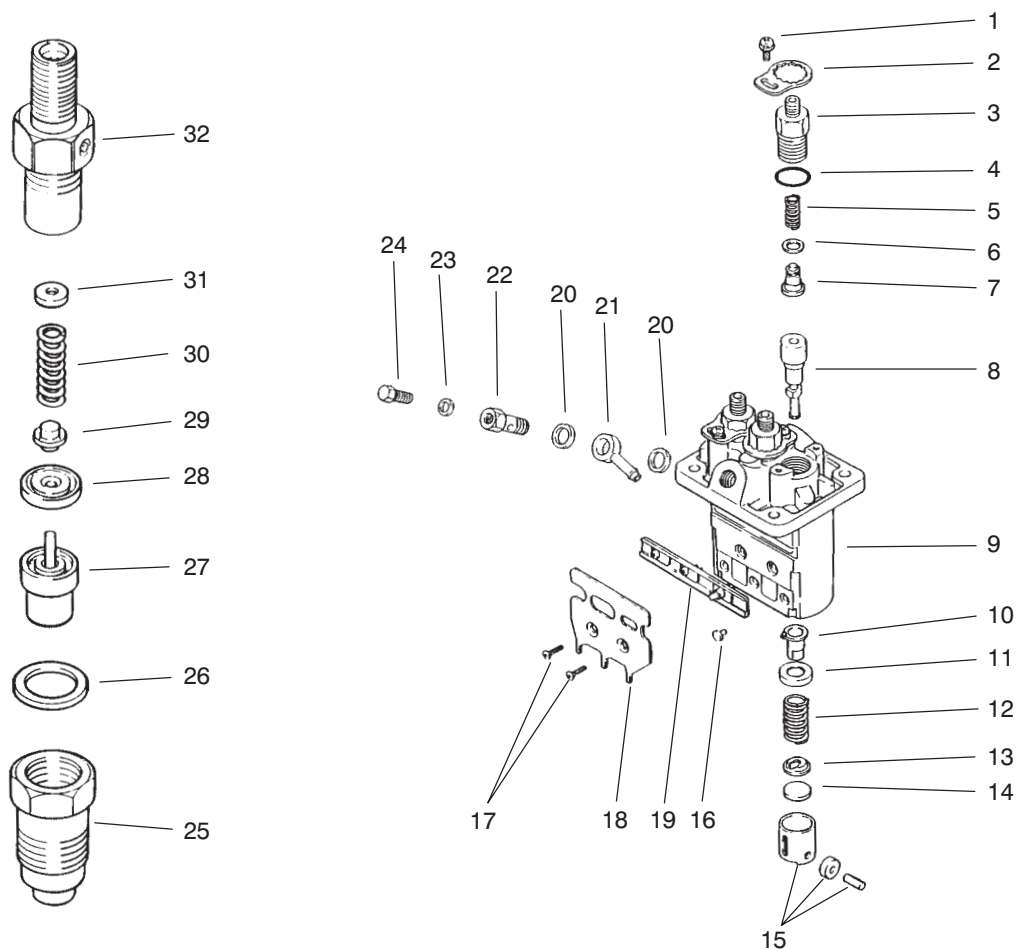
T-0570

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

Ref. No.	Part No.	Description	No. Used
14	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
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	3
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

*Not Illustrated



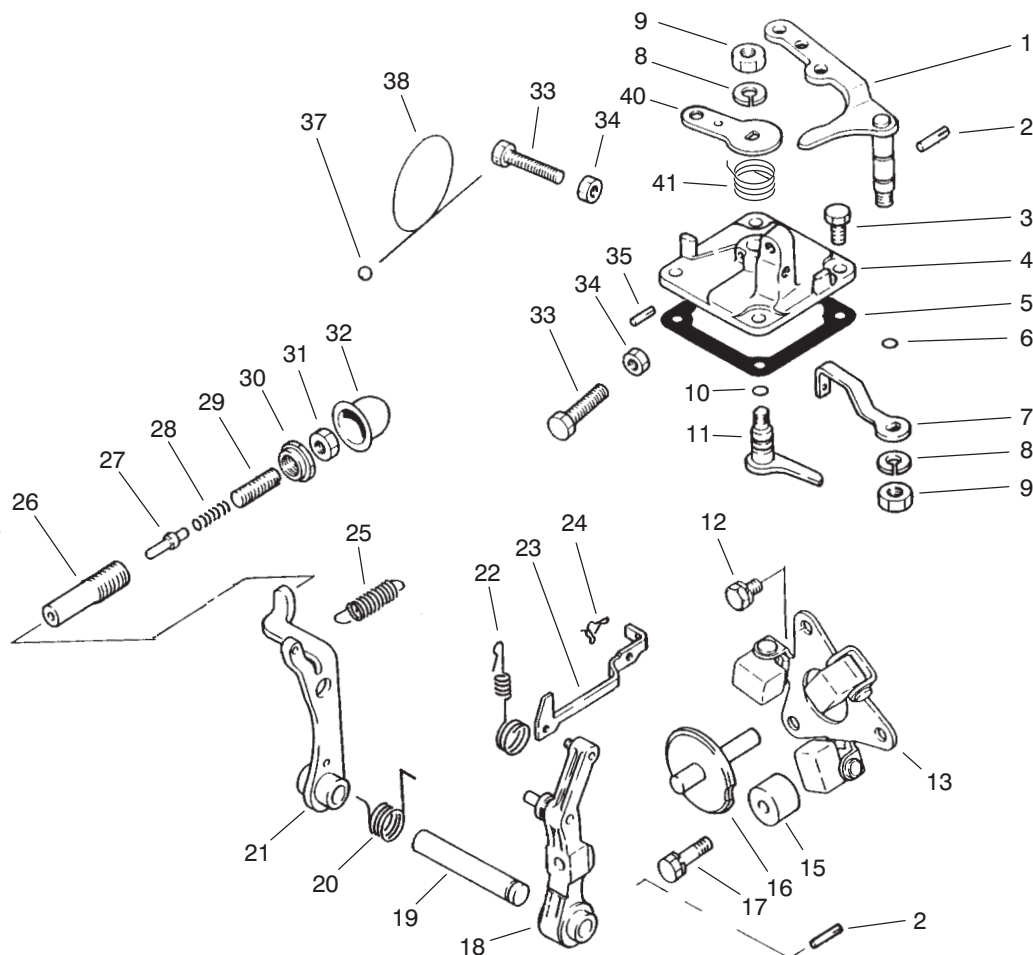
T-0570

FUEL INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
31	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

Ref. No.	Part No.	Description	No. Used
31	67—3910	Washer 1.65 mm	1
*	67—3920	Washer 1.7 mm	1
32	75—5000	Body	3
*	53—8150	Asm. — Pump (Incl. Ref. 21—24)	1
*	67—3380	Asm. — Nozzle and Holder (Incl. Ref. #25—32)	3

*Not Illustrated



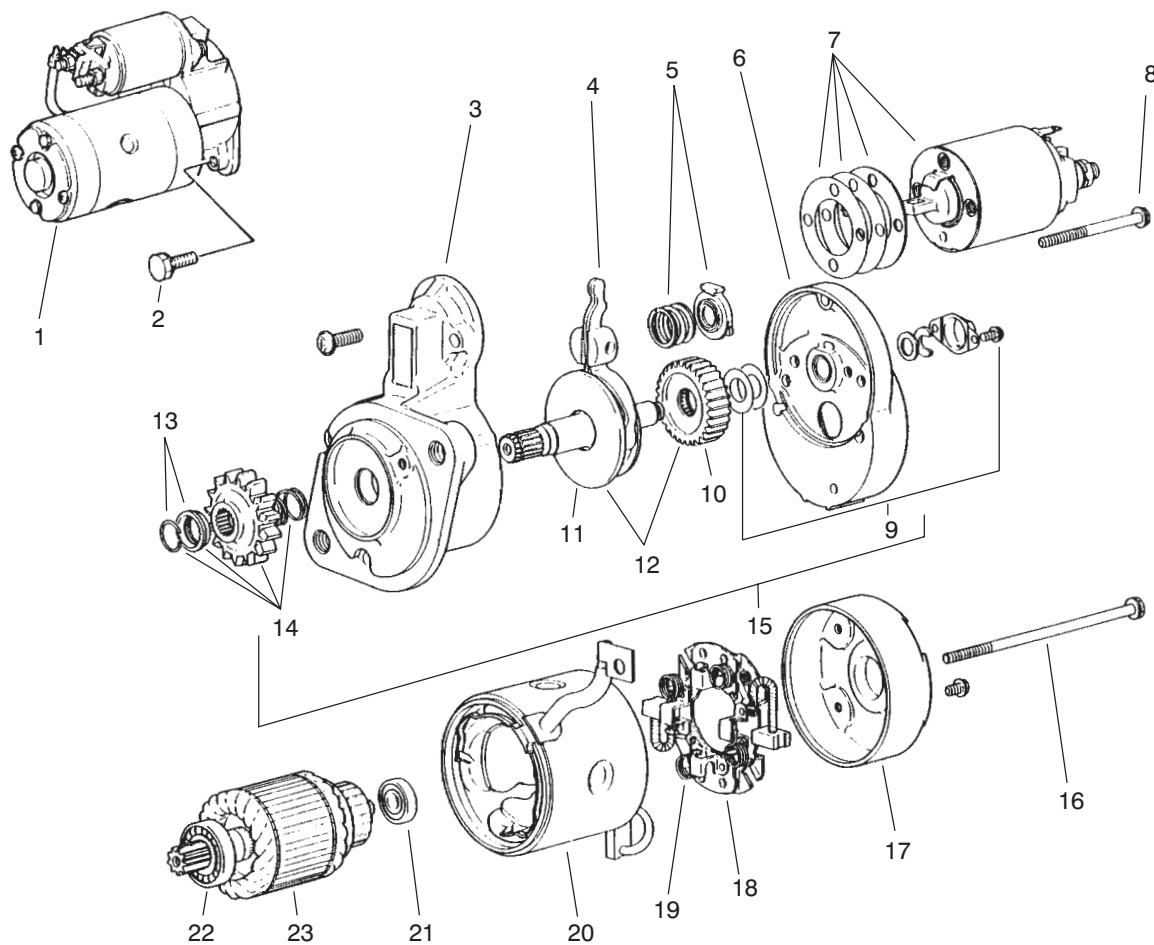
T-0571A

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	67-4130	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	Asm. — Weight	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	67-4210	Case — Torque Spring	1
27	67-4230	Stopper	1
28	67-4190	Spring — Torque	1
29	67-4220	Screw — Adjusting	1
30	67-4200	Nut — Special	1
31	67-4180	Nut	1
32	67-4240	Cap — Sealing Torque Set	1
33	42-9420	Bolt — Speed Set	4
34	67-4290	Nut	4
35	67-4120	Pin — Grooved	1
37	42-8690	Metal — Sealing	1
38	42-8700	Wire	1
40	67-4150	Lever — Stop	1
*	67-4110	Asm. — Cover (Incl. Ref. #4, 8-11, 35 & 40)	1
*	67-4170	Spring Set (Incl. Ref. #26-31)	1

*Not Illustrated

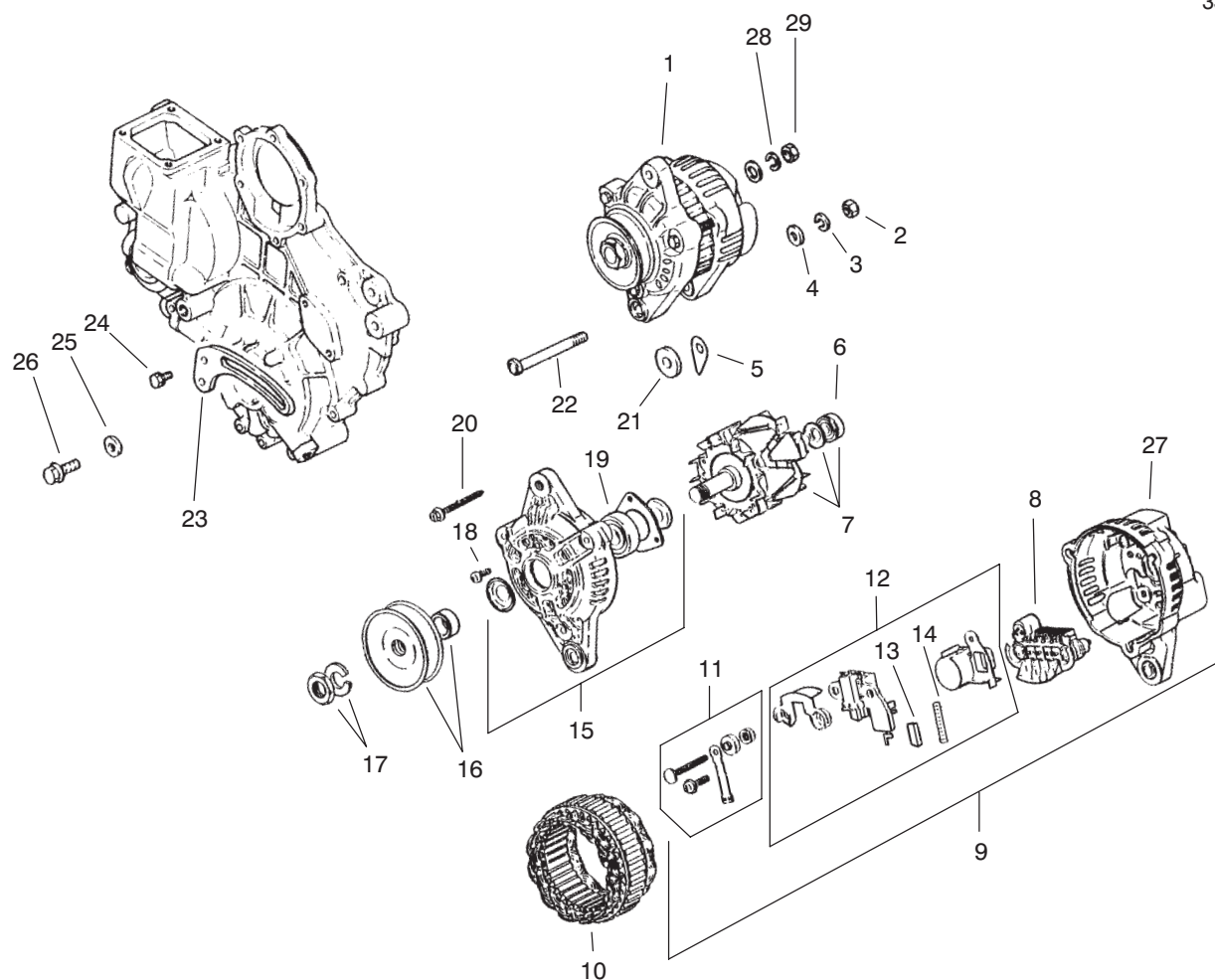


T-0572

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70—8760	Asm. — Starter (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	Asm. — Shaft (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

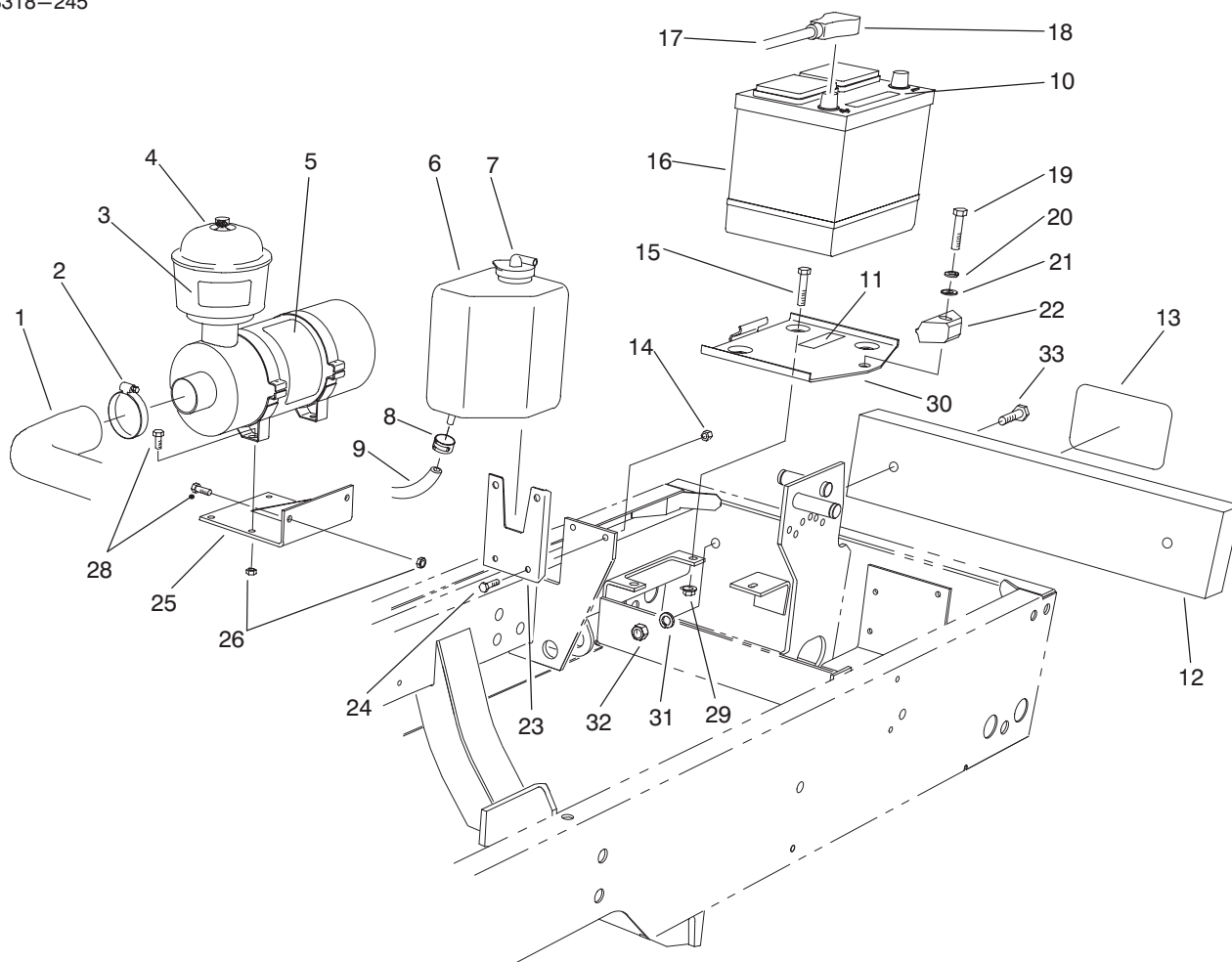


T-0573

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4630	Asm. — Alternator (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	Asm. — Rotor (Incl. Ref. #6)	1
8	67-4930	Rectifier	1
9	67-4890	Asm. — Rear Cove (Incl. Ref. #8, 11, 12 & 27)	1
10	67-4880	Stator	1
11	67-4900	Terminal Set	1
12	67-4910	Asm. — Regulator (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	Asm. — Front Bracket (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

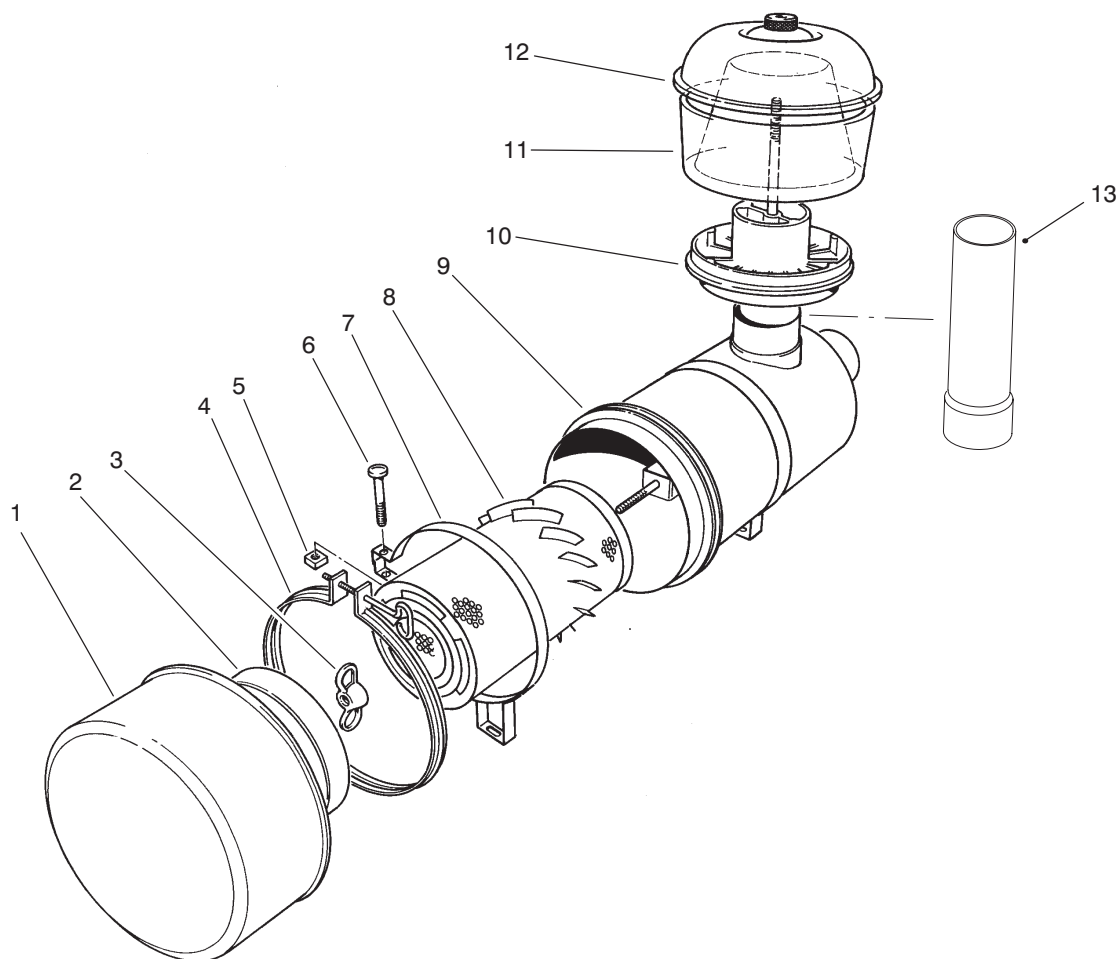


T-1056D

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	1
3	93-6692	Decal — Starting Fluid (Europe)	1
3	84-3100	Decal — Starting Fluid (Japan)	1
4	48-4220	Asm. — Air Cleaner (Incl. Ref. #5)	1
5	27-7160	Decal — Instructions (English)	1
5	93-8052	Decal — Instructions (Europe)	1
6	63-7380	Asm. — Expansion Tank (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	Asm. — Battery Cable (+) (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



T-0126A

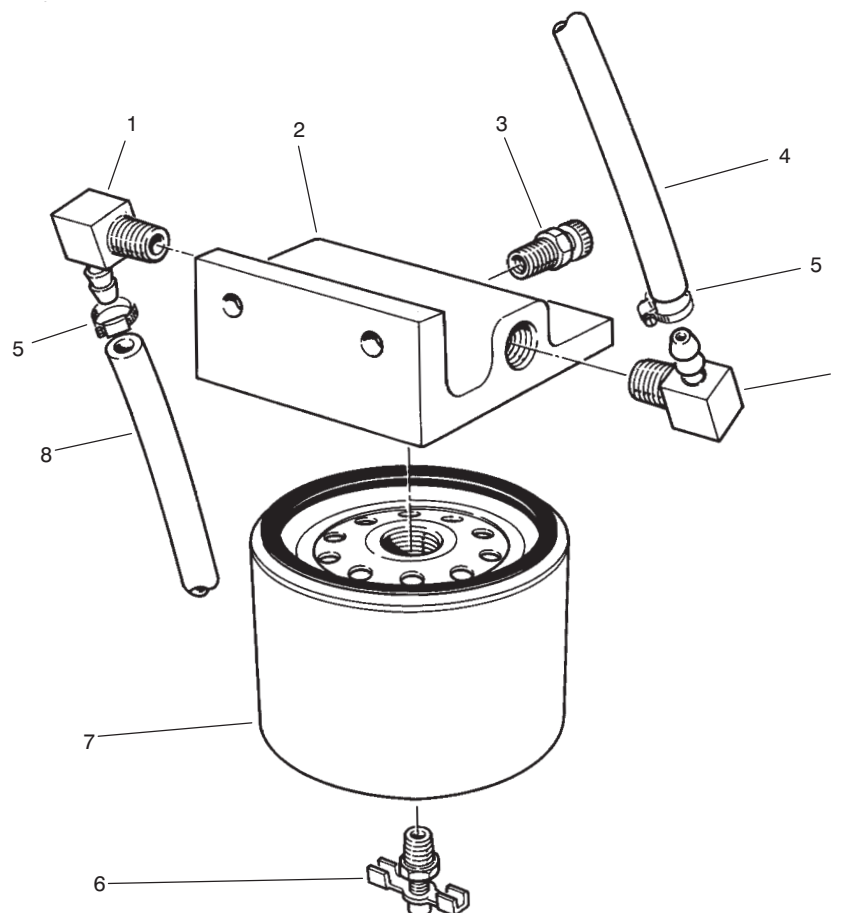
AIR CLEANER ASSEMBLY

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

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

*Not Illustrated

†Not Serviceable Separately

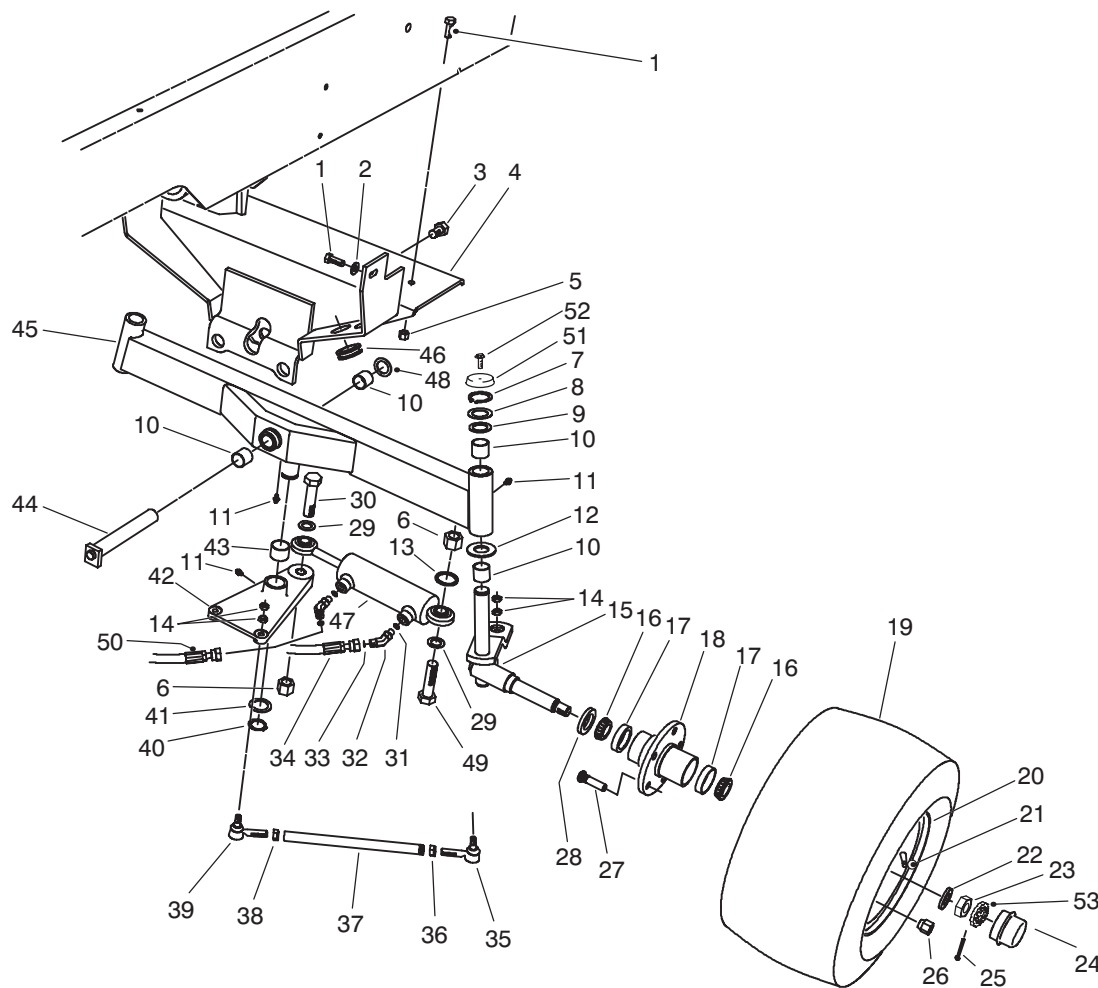


T-1030

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 — Filter, Fuel (Incl. Ref. #3)	1	8	63-7610	Hose — Fuel	1
3	63-8290	Vent — Air	1	*	63-8300	Asm. — Fuel Filter (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



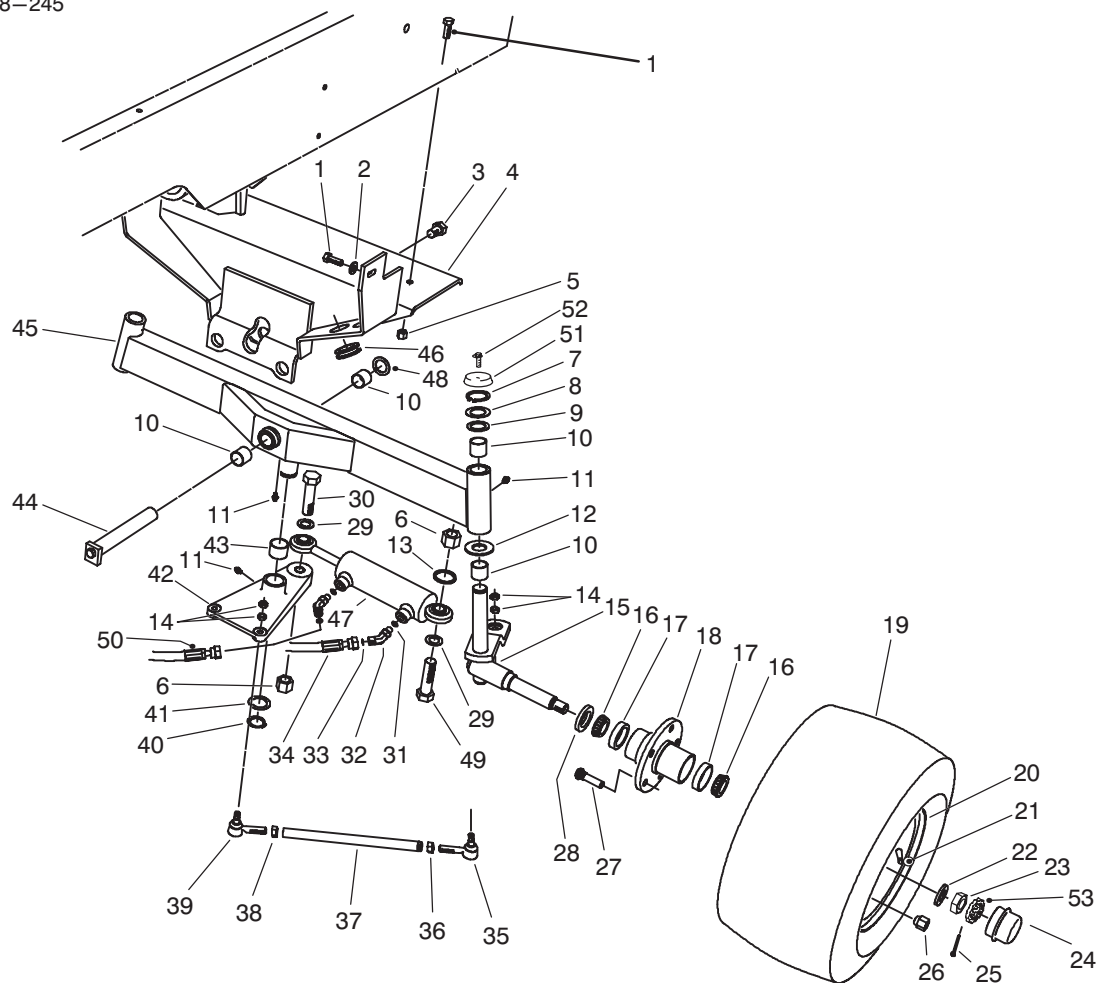
T-1915A

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	6
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	Asm. — Pivot Plate (Incl. Ref. #11 & 43)	1
43	76-2970	Bushing — Sleeve	2

*Not Illustrated

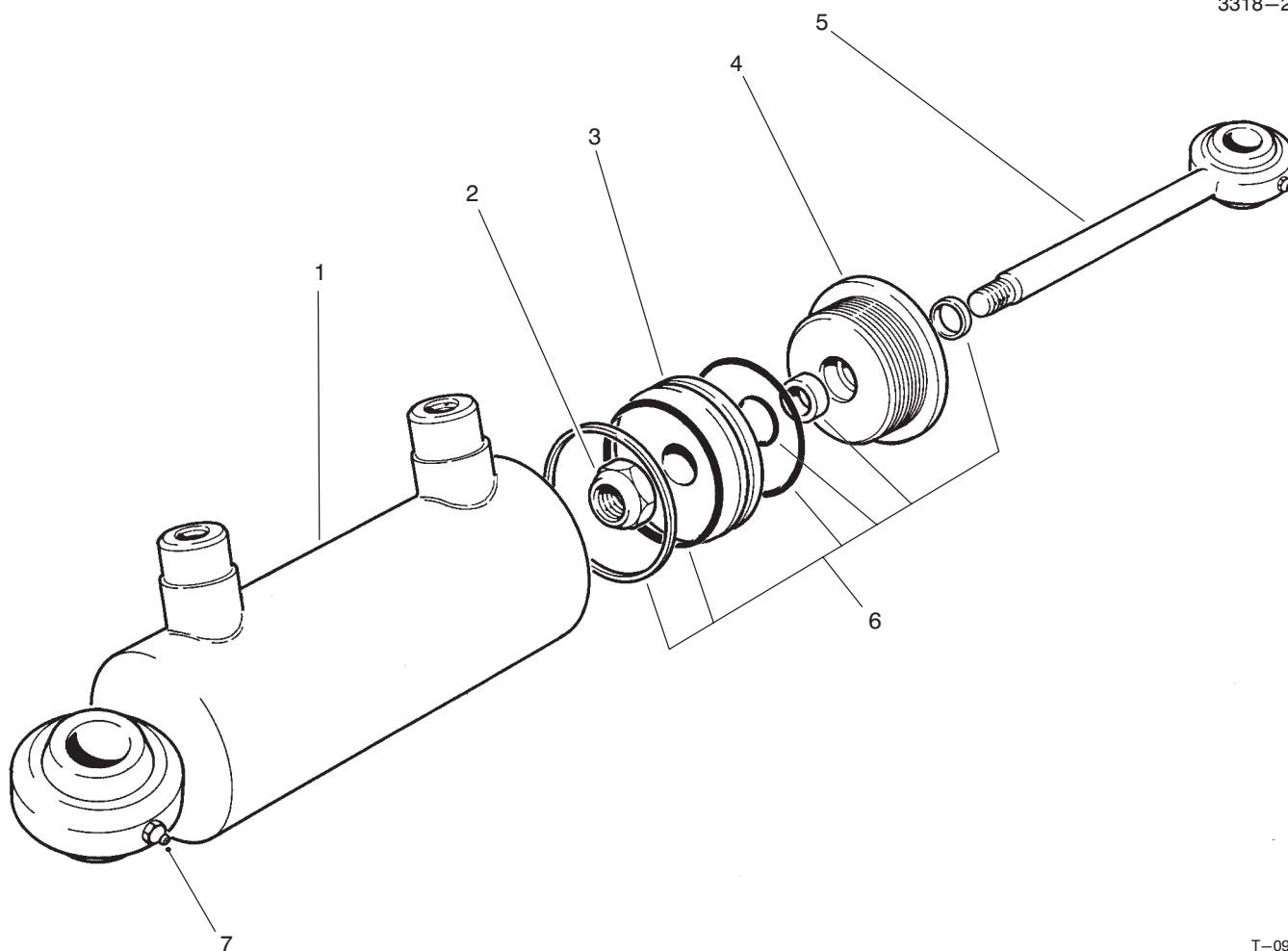


T-1915A

REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	75-4180	Pin — Rear Axle Pivot	1
45	75-2900	Asm. — Rear Axle (Incl. Ref. #10 & 11)	1
46	237-165	Grommet	2
47	75-1200	Asm. — Hydraulic Cylinder	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



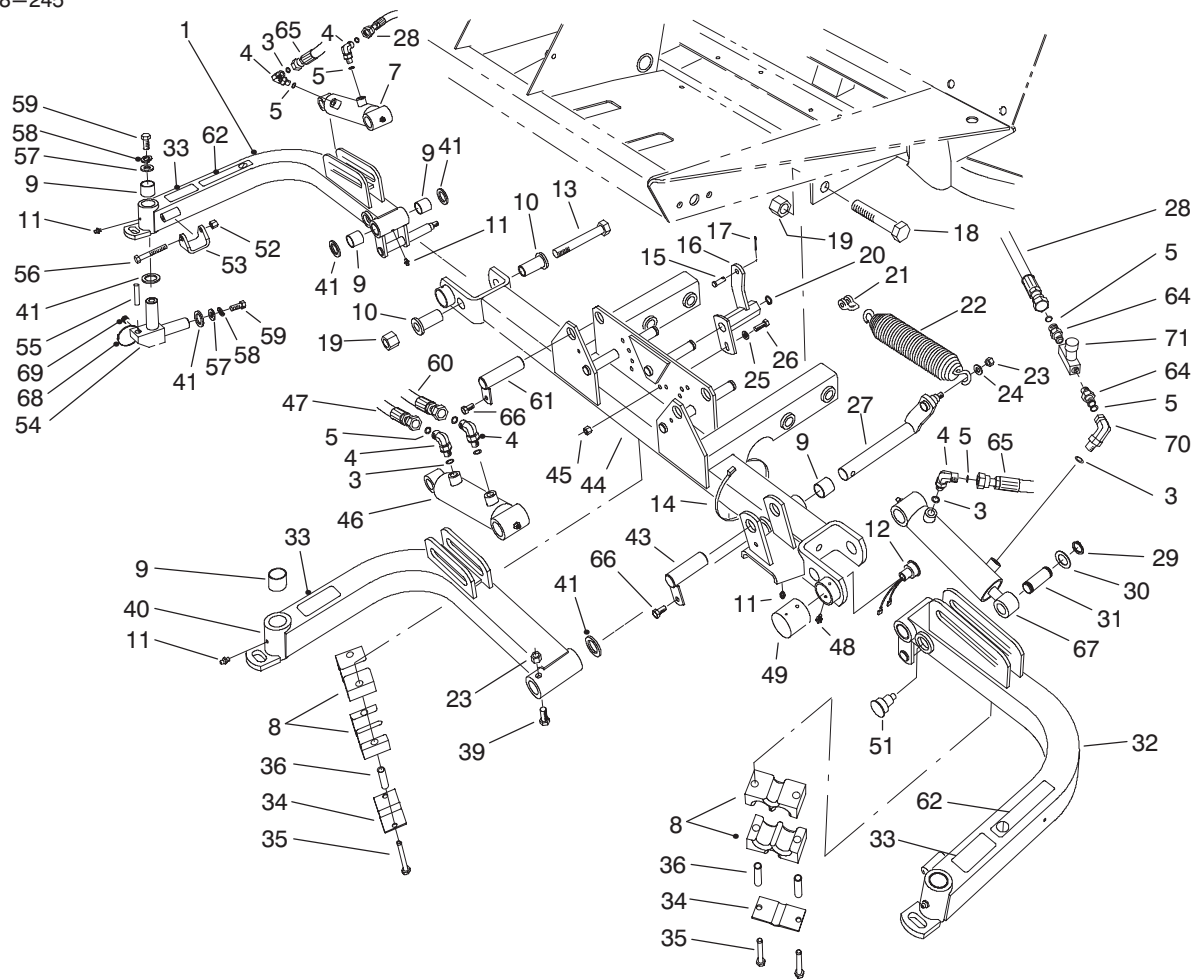
T-0996

HYDRAULIC CYLINDER NO. 75-1200

Ref. No.	Part No.	Description	No. Used
†1		Asm. — Barrel	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	Asm. — Piston Rod	1
6	75-1250	Seal Kit	1
7	302-5	Fitting — Grease	2

†Not Serviced Separately



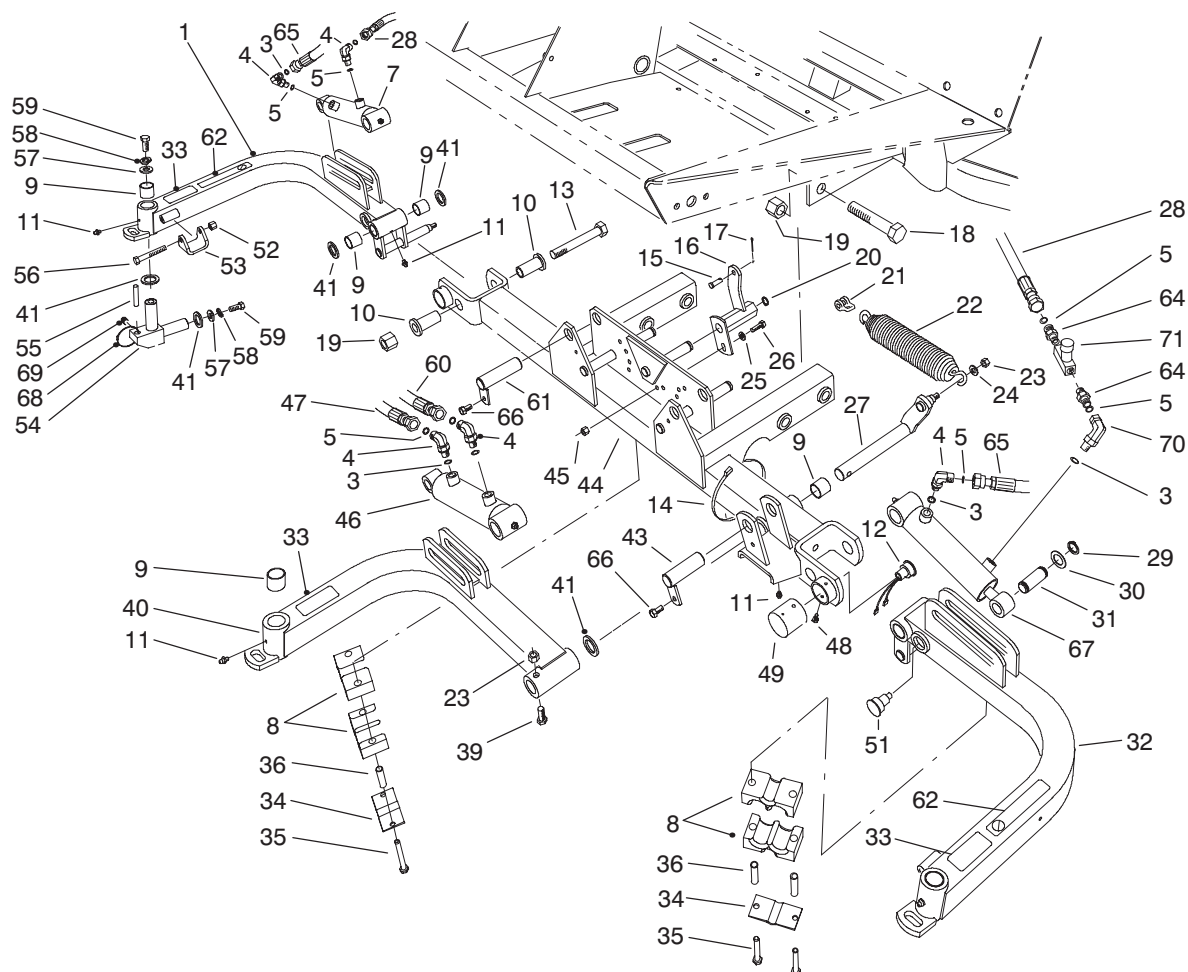
T-1059C

FRONT LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-5598	Asm. — Lift Arm, R.H. (Incl. Ref. #9 & 11)	1
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	Asm. — Hydraulic Cylinder	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

Ref. No.	Part No.	Description	No. Used
22	5-0743	Spring — Extension	3
23	3296-44	Nut — Lock	4
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	Asm. — Lift Arm, L.H. (Incl. Ref. #9 & 11)	1
33	55-4300	Decal — Warning	3
33	93-6696	Decal — Warning (Europe)	3
33	84-2940	Decal — Warning (Japan)	3
34	93-7961	Clamp — Rubber	3
35	32144-58	Screw — Self Tapping	6
36	93-7960	Spacer	6
39	323-11	Screw — Cap Hex. Hd.	1
40	94-5802	Asm. — Lift Arm, Center (Incl. Ref. #9 & 11)	1
41	256-115	Washer — Thrust	11
43	83-6790	Pin — Cylinder (Short)	1

*Not Illustrated



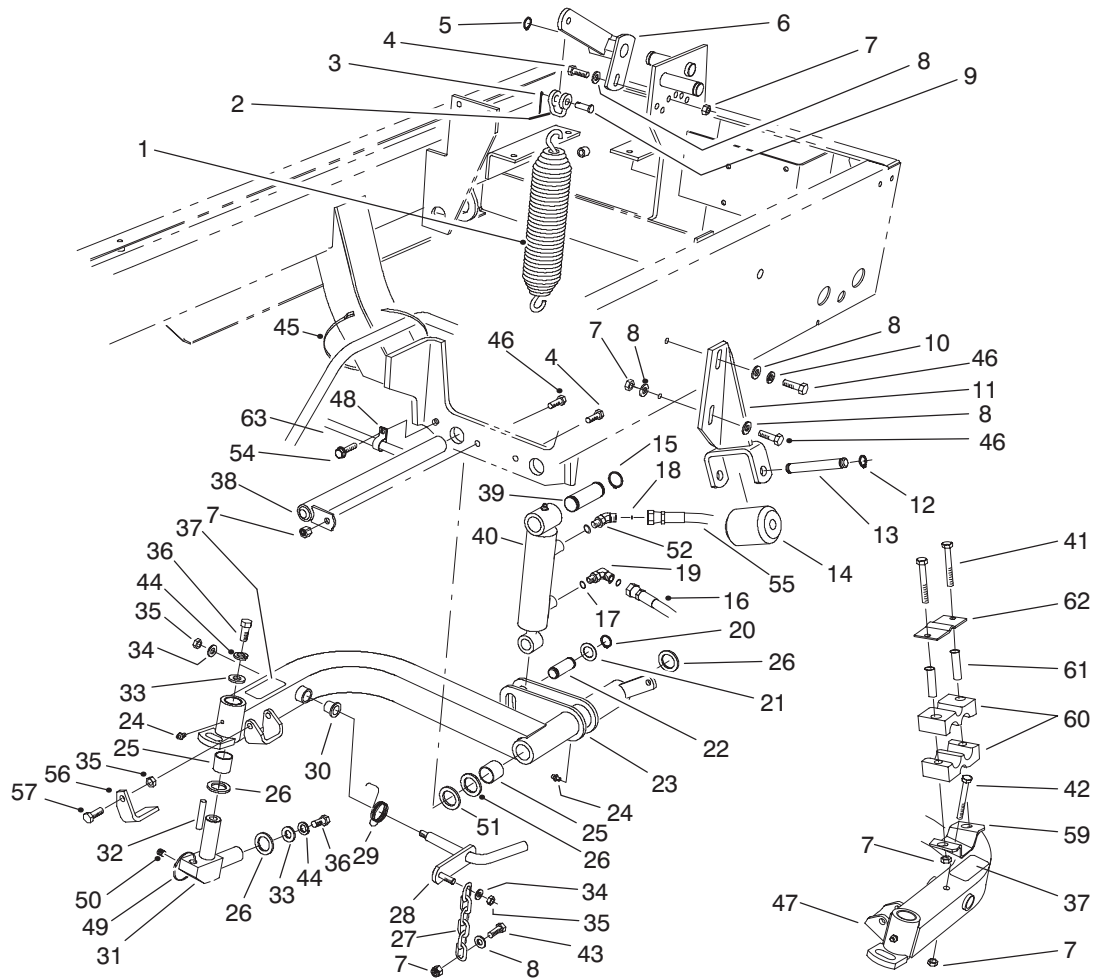
T-1059C

FRONT LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	94-5808	Asm. — Carrier Frame (Incl. Ref. #9 & 11)	1
45	3296-29	Nut — Lock	3
46	93-9310	Asm. — Hydraulic Cylinder	1
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	2
62	93-6687	Decal — No Step (Europe)	2
62	84-2780	Decal — No Step (Japan)	2

Ref. No.	Part No.	Description	No. Used
63	75-5300	Rod — Hose Support	1
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	Asm. — Hydraulic Cylinder	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 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



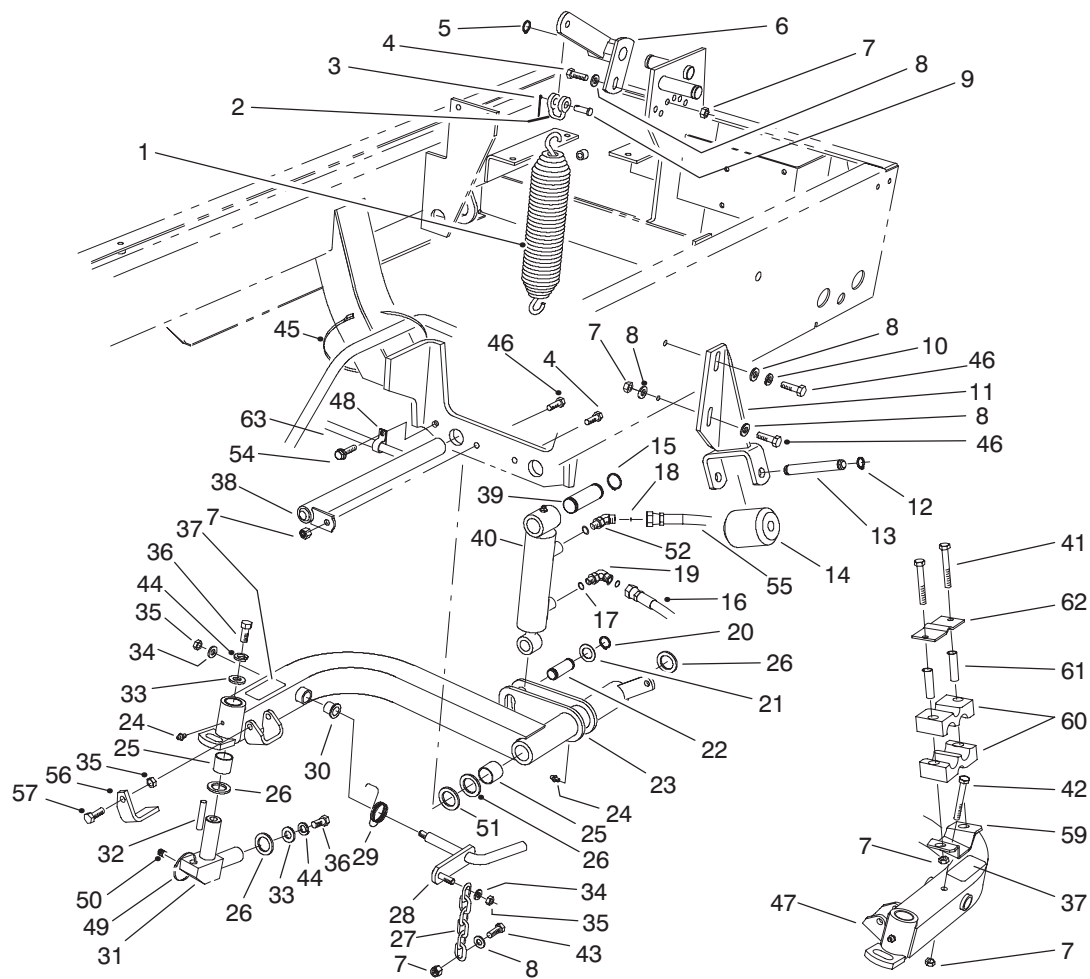
T-1060E

REAR LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5-0743	Spring — Counterbalance	2
2	282-4	Clevis — Spring	2
3	3272-10	Pin — Cotter	2
4	322-5	Screw — Cap Hex. Hd.	3
5	32151-48	Ring — Retaining	2
6	75-4690	Bracket — Spring Rear R.H.	1
*	75-4650	Bracket — Spring Rear L.H.	1
7	3296-29	Nut — Lock	11
8	3256-23	Washer — Flat	10
9	283-6	Pin — Clevis	2
10	3253-4	Washer — Lock	2
11	75-3810	Bracket — Roller	2
12	32151-61	Ring — Retaining	4
13	75-5400	Shaft — Roller	2
14	75-5390	Roller	2
15	32151-36	Ring — Retaining	4
16	75-6180	Hose — Hydraulic R.H.	2
*	75-6080	Hose — Hydraulic L.H. (Rod)	1
17	237-78	Seal — O-Ring	4
18	237-21	Seal — O-Ring	4
19	340-132	Fitting — Hydraulic 90° (Incl. Ref. #17 & 18)	3
20	32120-93	Ring — Retaining	4

Ref. No.	Part No.	Description	No. Used
21	3-6498	Washer — Thrust	4
22	75-5350	Pin — Cylinder Rod End	2
23	94-5596	Asm. — Lift Arm Rear R.H. (Incl. Ref. #24, 25 & 30)	1
24	302-5	Fitting — Grease	4
25	67-1750	Bushing — Sleeve	8
26	256-115	Washer — Thrust	8
27	5-1096	Chain — Cutting Unit	2
28	75-4590	Rod — Pivot	2
29	75-4520	Spring — Torsion R.H.	1
*	75-4530	Spring — Torsion L.H.	1
30	256-287	Bushing — Flange	4
31	75-3010	Joint — Arm	2
32	32121-122	Pin — Roll	2
33	3256-6	Washer — Flat	4
34	3256-24	Washer — Flat	4
35	3296-39	Nut — Lock	6
36	325-4	Screw — Cap Hex. Hd.	4
37	55-4300	Decal — Warning	2
37	93-6696	Decal — Warning (Europe)	2
37	84-2940	Decal — Warning (Japan)	2
38	93-0069	Pin — Pivot	29
39	75-5360	Pin — Cylinder Cap End	2

*Not Illustrated

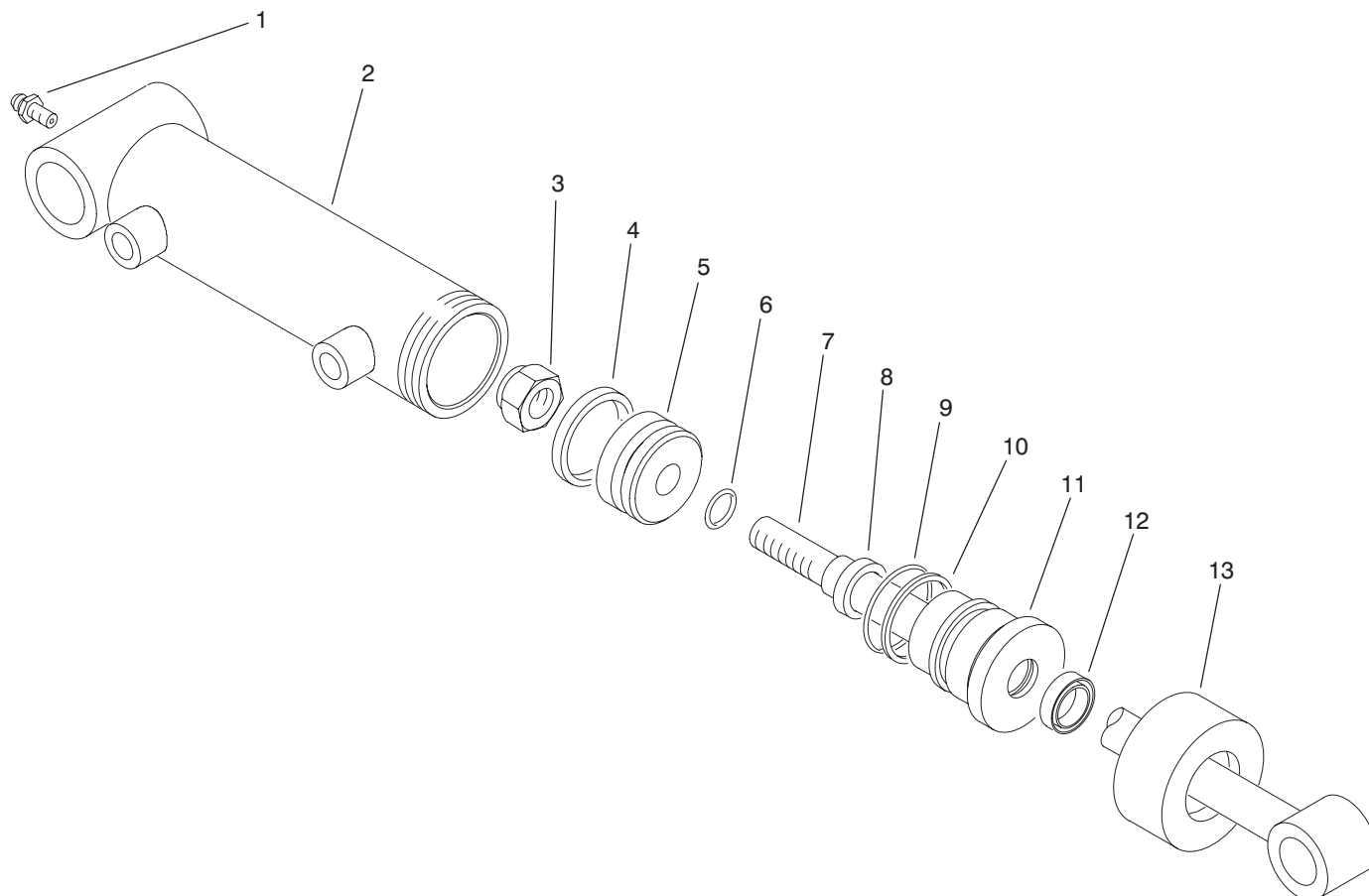


T-1060E

REAR LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
40	93-9311	Asm. — Hydraulic Cylinder	2	56	93-3640	Stop — Reel, RH	1
41	322-12	Screw — HH	2	*	83-5170	Stop — Reel, LH	1
42	322-13	Screw — HH	1	57	323-6	Screw — Cap Hex. Hd.	2
43	322-12	Screw — Cap Hex. Hd.	2	59	94-4919	Bracket — Clamp, Hose	1
44	3253-7	Washer — Lock	4	60	82-8170	Clamp	2
45	3290-379	Tie — Cable	1	61	93-7960	Spacer	2
46	322-6	Screw — Cap Hex.	4	62	93-7961	Clamp	1
47	94-5594	Asm. — Lift Arm Rear L.H. (Incl. Ref. #24, 25 & 30)	1	63	92-4390	Sensor — Magnet	1
48	2412-93	Clamp—R	2	*	67-7960	Decal — Hands/Feet Mounted on Cutting Unit Frames.	2
49	3290-378	Tie — Cable	3	*	93-6688	Decal — Hands/Feet (Europe) Mounted on Cutting Unit Frames.	2
50	92-9097	Set Screw	2	*	84-4220	Decal — Hands/Feet (Japan) Mounted on Cutting Unit Frames.	2
51	93-0142	Bushing — Straight	2				
52	340-103	Fitting — Hydraulic 45° (Incl. Ref. #17 & 18)	1				
54	32144-14	Screw — Hex. Washer Hd.	2				
55	75-6070	Hose — Hydraulic L.H. (Cap)	1				

*Not Illustrated



T-2053

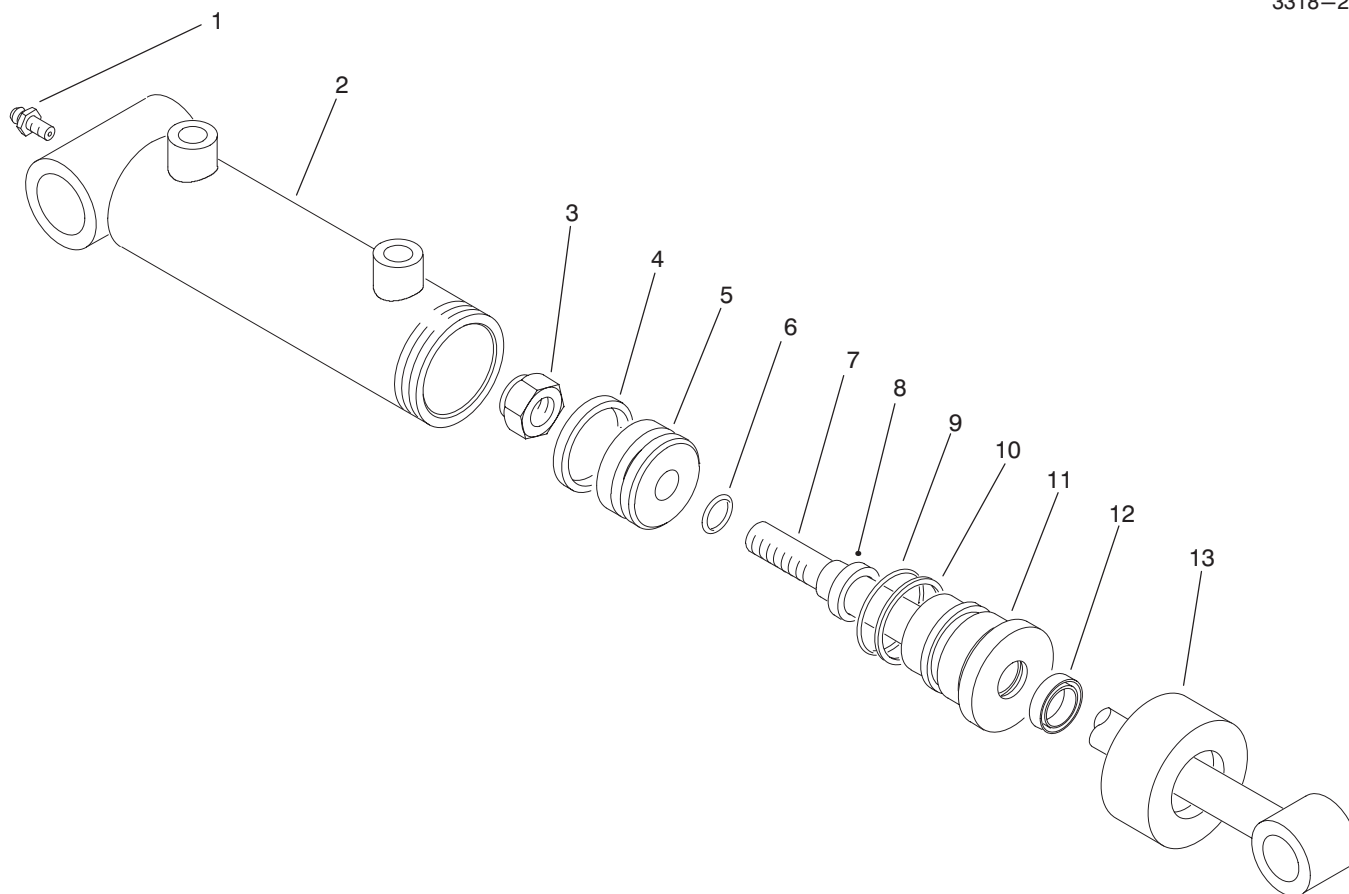
HYDRAULIC CYLINDER NO. 93—9311

Ref. No.	Part No.	Description	No. Used
1	302—5	Fitting — Grease	1
2	93—9313	Asm. — Barrel	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

HYDRAULIC CYLINDER NO. 93-9310

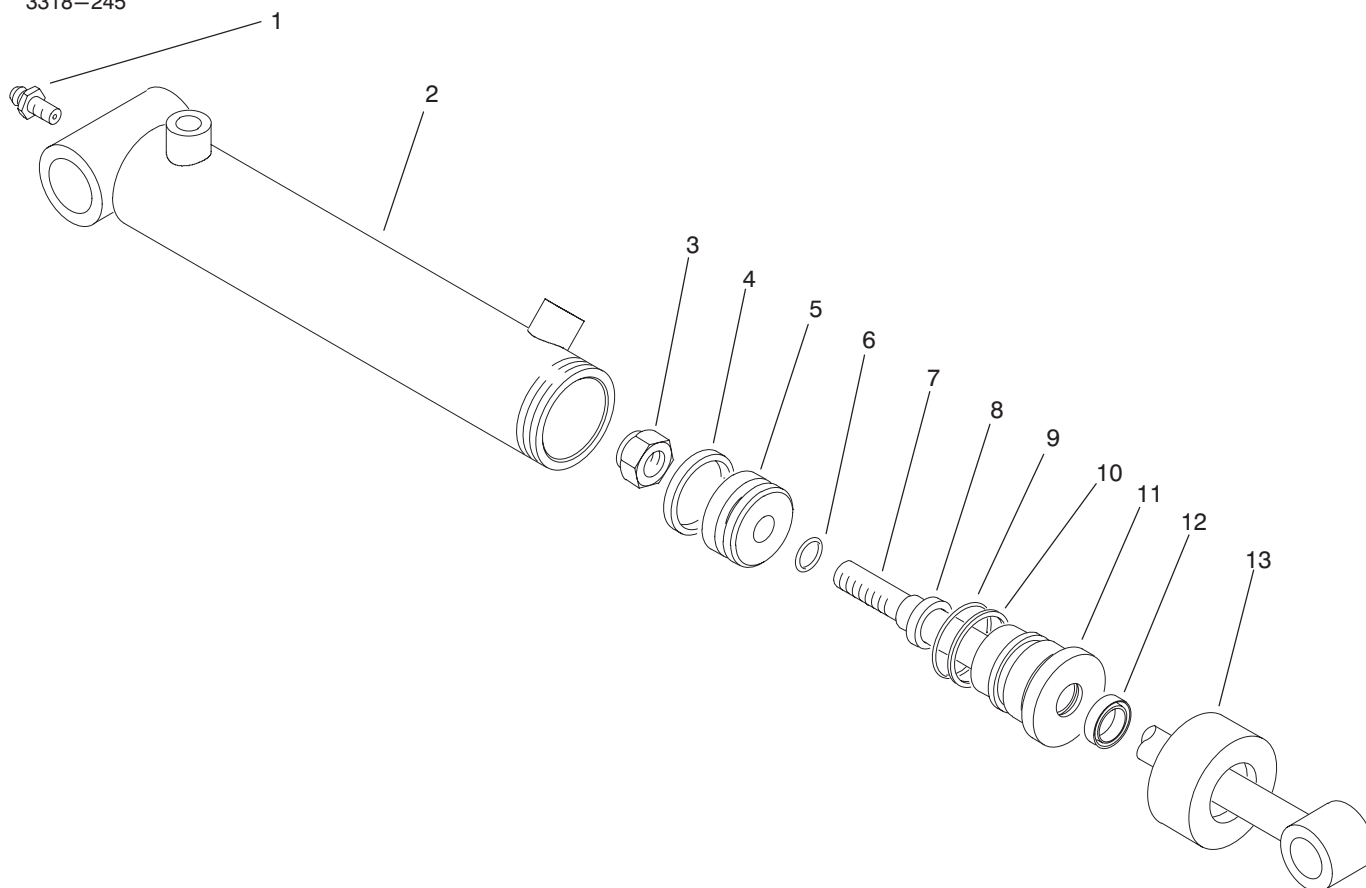
Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting — Grease	1
2	93-9312	Asm. — Barrel	1
3	32152-10	Nut	1
†4		Uni-ring	1
5	70-2780	Piston	1
†6		O-Ring	1
7	75-3790	Shaft W/Tube	1
†8		Seal — Rod	1

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

3318-245



T-2055

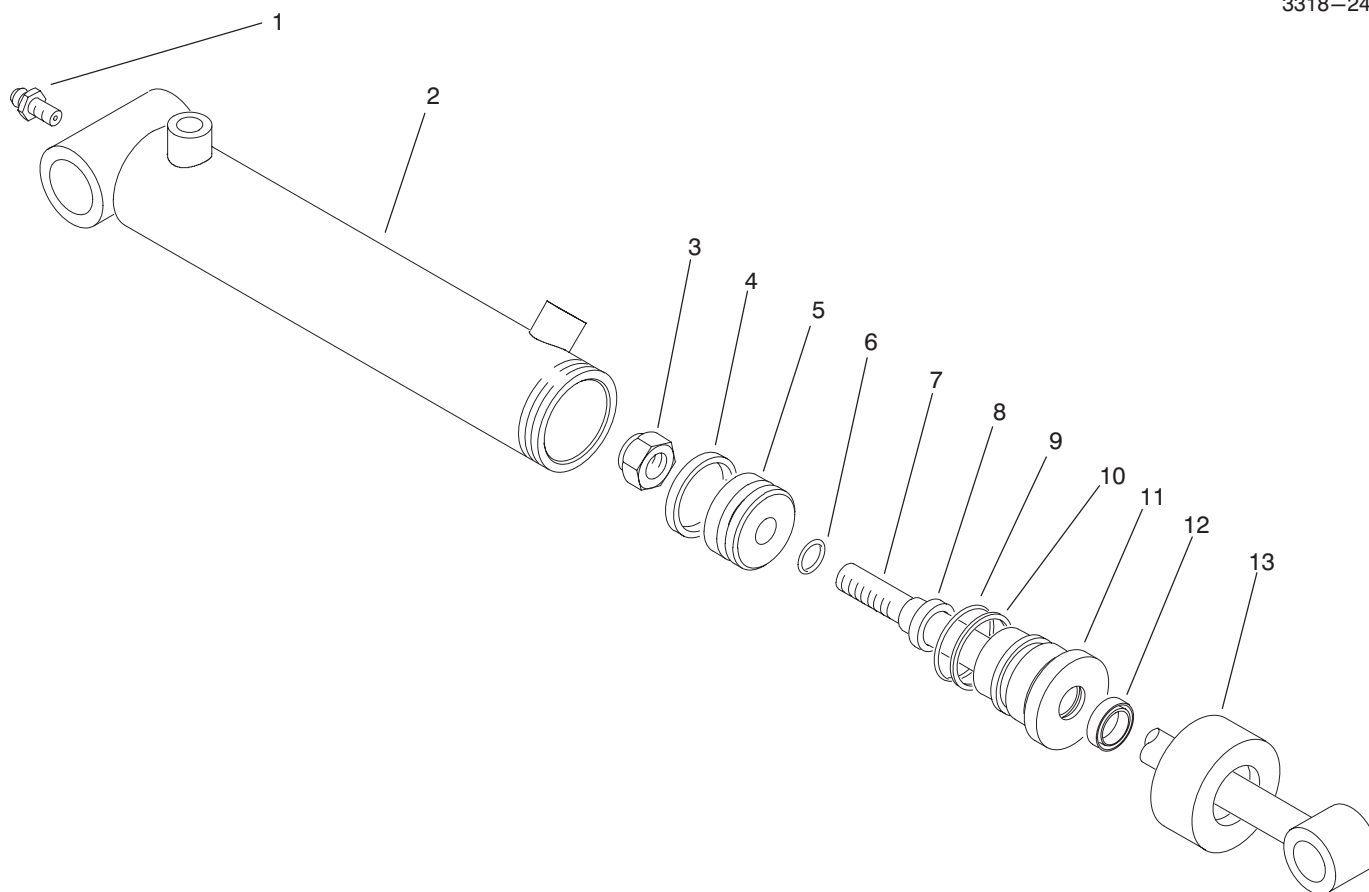
HYDRAULIC CYLINDER NO. 93-7551

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting — Grease	1
2	93-7558	Asm. — Barrel	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

HYDRAULIC CYLINDER NO. 93-7550

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting — Grease	1
2	93-7557	Asm. — Barrel	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

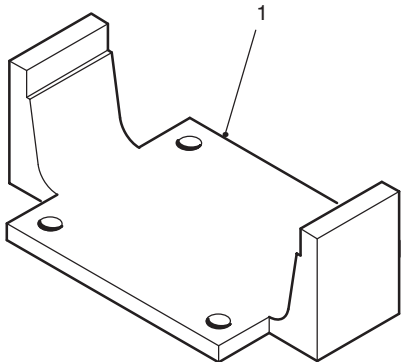
Ref. No.	Part No.	Description	No. Used
†9		O-Ring	1
†10		Backup	1
11	93-7990	Head	1
†12		Seal-Dust	1
13	93-7991	Collar	1
*	86-7330	Seal repair Kit (Incl. Ref. #4, 6, 8-10 & 12)	1

*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

3318—245

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-3251	Spring — Compression	3 12 1	42-7510	Pipe	41 4 1
3-6498	Washer — Thrust	58 21 4	42-7510	Pipe	41 9 1
3-6498	Washer — Thrust	28 22 2	42-7840	Key	40 20 1
3-6498	Washer — Thrust	56 30 6	42-7860	Lock	37 33 12
3-6657	Clamp — Cable	6 30 1	42-7870	Seal	37 30 6
3-6657	Clamp — Cable	35 48 1	42-8240	Gasket	45 6 3
5-0652	Spacer	5 42 1	42-8690	Metal — Sealing	47 37 1
5-0743	Spring — Counterbalance	58 1 2	42-8700	Wire	47 38 1
5-0743	Spring — Extension	56 22 3	42-8830	Seal — O—Ring	47 6 1
5-1096	Chain — Cutting Unit	58 27 2	42-8830	Seal — O—Ring	47 10 1
5-1226	Washer — Shim	53 8 A/R	42-9110	Gasket	41 21 1
5-1226	Washer — Thrust	54 48 1	42-9110	Gasket — Muffler	33 15 1
5-3637	Washer — Flat	34 23 1	42-9260	Plug — Drain	39 15 1
10-6830	Stud — Drive	53 27 10	42-9420	Bolt — Speed Set	47 33 4
10-8110	Washer — Thrust	53 9 2	42-9430	Bolt W/Washer	41 7 1
14-0959	Hood	1 6 1	42-9430	Bolt W/Washer	47 12 2
21-0140	Joint — Ball	53 35 2	42-9440	Bolt W/Washer	39 8 11
21-0150	Joint — Ball L.H. Thread	53 39 2	42-9440	Bolt W/Washer	49 24 1
21-2820	Hub — Rear Wheel	53 18 2	42-9440	Bolt W/Washer	37 25 4
21-7670	Case—Differential	25 33 1	42-9490	Bolt W/Washer	42 10 4
21-7690	Gear—Pinion	24 6 2	42-9490	Bolt W/Washer	40 11 2
21-7700	Shaft—Pinion Mate	25 31 1	42-9490	Bolt W/Washer	39 18 18
21-7710	Pin—Roll	25 30 1	42-9510	Bolt	38 42 1
21-7720	Washer—Thrust	24 4 2	42-9570	Stud	41 20 4
21-7730	Washer—Thrust	24 7 2	42-9590	Nut	37 17 6
21-7770	Screw—Drive Gear	25 32 5	42-9640	Nut — Jam	47 9 2
21-8020	Spacer—Front Pinion	25 25 1	42-9650	Nut — Jam	43 30 1
21-8090	Diff. Adjust. Shim .003	25 38 A/R	42-9660	Washer	49 4 1
21-8100	Diff. Adjust. Shim .005	25 37 A/R	42-9660	Washer	38 39 3
21-8110	Diff. Adjust. Shim .010	25 36 A/R	42-9850	Washer — Lock	33 14 4
21-8120	Diff. Adjust. Shim .030	25 35 A/R	42-9850	Washer — Lock	34 26 1
21-8180	Bearing	26 3 2	43-0090	Screw — Cap Hex. Hd.	33 20 3
21-8230	Vent Tube Assembly	25 39 1	43-0370	Shim	49 5 1
21-8270	Pin—Dowel	24 3 2	43-0510	Spring — Brush	49 14 2
21-8360	Clip — Retaining	26 12 2	43-1920	Nut Set	49 17 1
21-8390	Cup—Bearing	25 24 1	43-2550	Filter	43 18 1
21-9260	Seal — Shaft	3 27 1	43-2560	Gasket — Side Cover	43 19 1
21-9370	Screw — Adjusting	26 16 2	43-2570	Gasket — Coil Side	43 17 1
21-9380	Nut — Pivot	26 17 2	43-2580	Magnet	43 20 1
21-9390	Socket — Adjusting Screw	26 15 2	43-2710	O—Ring	44 45 1
21-9420	Spring — Shoe Return, L.H.	26 19 2	43-2710	Seal — O—Ring	41 36 2
21-9430	Spring — Shoe Return, R.H.	26 7 2	43-2740	Gasket	33 8 1
21-9440	Spring — Adjusting Screw	26 14 2	43-2750	Nut — Lock	33 9 1
21-9450	Shield — Dust	26 5 2	43-2820	Cap — Sealing	38 47 1
21-9460	Retainer — Brake, Parking	26 10 4	43-3160	Screw — Adjusting	38 44 1
23-2270	Bushing — Rubber	28 26 1	43-3220	Screw — Cap Hex. Hd.	33 5 2
23-7270	Nut — Lug	22 1 10	43-3810	Tube — Air Cleaner	51 13 1
24-8790	Gear—Bevel, Differential	24 5 2	43-5920	Washer — Lock	34 25 1
24-8840	Ring — Bearing, Wheel	26 22 2	43-5960	Nut — Special	38 46 1
24-9180	Lever — Brake, Parking	26 4 2	43-5970	Nut — Hex.	34 24 1
27-2360	Asm. — Ignition Switch	11 19 1	43-6710	Diff. Adjust. Shim .003	24 15 A/R
27-3710	Dipstick — Axle	22 41 1	43-6711	Diff. Adjust. Shim .005	24 16 A/R
27-5340	Hose — Fuel	21 11 1	43-6712	Diff. Adjust. Shim .010	24 17 A/R
27-6852	Shaft— Axle, Flanged R.H.	26 * 1	43-6713	Diff. Adjust. Shim .030	24 18 A/R
27-6862	Shaft — Axle, Flanged L.H.	26 1 1	43-6750	Cup—Bearing, Tapered	24 10 1
27-7110	Asm. — Element	51 8 1	43-6760	Cone—Bearing, tapered	24 9 1
27-7120	Nut	51 3 1	43-6810	Spider — Torque	26 6 2
27-7130	Asm. — Clamp	51 4 1	44-2210	Asm. — Warning Light	11 6 1
27-7140	Baffle	51 2 1	44-2670	Hose — Fuel	21 18 1
27-7150	Asm. — Cup	51 1 1	46-6550	Connector — Fuel Elbow 90°	21 20 1
27-7160	Decal — Instructions	50 5 1	46-6560	Grommet	21 21 2
27-7170	Asm. — Band	51 7 2	46-8091	Screw — Cap Hex. Hd.	2 43 4
27-7220	Air Cleaner Soap	51 * 1	47-0110	Spacer — Spindle	34 4 1
27-9560	Spacer	34 46 1	48-4220	Asm. — Air Cleaner	50 4 1
28-0670	Seal — Oil	26 8 2	48-4220	Asm. — Air Filter	51 * 1
28-0680	Drum — Brake	26 13 2	48-7430	Asm. — Pre—Cleaner	51 * 1
28-1280	Boot — Cable	50 18 1	48-7700	Screw — Cap Hex. Hd.	34 17 1
29-6162	Switch — Neutral	28 6 1	48-7930	Nut — Lock	33 13 4
33-1260	Asm. — Cover	51 12 1	48-9570	Washer — Lock	33 6 2
33-1270	Bowl	51 11 1	48-9590	Washer — Lock	34 12 10
36-3400	Decal — No Step	57 62 2	48-9590	Washer — Lock	33 21 1
38-3400	Guard — Rubber	17 8 2	49-2040	Screw — Hex. Washer Hd.	2 47 2
42-6080	Shim — Axle	22 37 A/R	49-6440	Plate — Traction Pedal	5 11 1
42-7080	Cap	40 2 2	52-1320	Decal — Fuel	1 28 1
42-7190	Bushing — Knock	43 33 2	53-8150	Asm. — Fuel Pump	21 2 1
42-7210	Plug—Taper	39 19 1	53-8150	Asm. — Pump	46 * 1
42-7290	Gasket — Drain	39 16 2	53-8150	Asm. — Pump	43 21 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
54-8660	Washer	49 25 1	66-8530	Adjuster	8 16 1
54-9040	Yoke - End	33 26 1	66-8560	Nut - Push	8 11 4
54-9180	Kit - U-Joint	33 25 1	66-8610	Weldment - Lower	8 10 1
55-4300	Decal - Warning	56 33 3	66-8800	Relay - Glow Plug	31 37 1
55-4300	Decal - Warning	58 37 2	66-9290	Spacer	8 15 6
56-0020	Plug	40 24 3	66-9770	Seal	4 28 1
56-0020	Plug - Expansion	43 12 3	66-9780	Bushing	4 29 1
56-0020	Plug - Expansion	41 18 1	66-9860	Upper Cover & Jacket	4 37 1
56-0100	Plug - Taper	43 37 1	66-9870	Plate - Retaining	4 38 1
56-0220	Pin - Dowel	43 35 2	66-9880	Washer - Retaining Plate	4 39 1
56-0480	Key - Woodruff	40 8 1	66-9890	Ring - Retaining	4 40 1
56-0480	Key - Woodruff	37 18 2	66-9900	Shaft - Input	4 41 1
56-1060	Snap Ring	40 15 1	66-9970	Spring Kit	4 * 1
56-1230	Shaft - Oil Filter	43 28 1	66-9980	Seal Kit	4 * 1
56-1570	Bolt Set	48 8 1	66-9990	Needle Roller Kit	4 * 1
56-1580	Armature Set	48 23 1	67-1630	Spacer - Fan	34 8 1
56-1590	Bearing - Front	48 22 1	67-1690	Fitting - Fuel Elbow 90°	21 35 2
56-1600	Bearing - Rear	48 21 1	67-1750	Bushing - Sleeve	56 9 12
56-1610	Bolt	48 16 1	67-1750	Bushing - Sleeve	58 25 8
56-1640	Stopper Set	48 13 1	67-1751	Bushing - Sleeve	53 10 6
56-1670	Gear	48 10 1	67-2200	Seal	40 4 4
56-1680	Cover Set	48 9 1	67-2210	Plug - Taper	43 36 3
56-1700	Holder - Brush	48 18 1	67-2230	Seal - Oil	43 14 1
56-1710	Spring - Brush	48 19 4	67-2250	Bolt	40 5 8
56-1720	Bracket - Rear	48 17 1	67-2260	Shaft - Idler	43 34 1
57-6390	Nut - Lock	34 27 2	67-2270	Case - Oil Seal	43 15 1
61-2790	Screen - Filler	14 3 1	67-2280	Gasket - Seal, Oil	43 13 1
62-3820	Fitting - Grease	33 24 1	67-2290	Cover	43 10 1
62-5550	Decal - TORO	1 1 1	67-2300	Gasket	43 9 1
62-5550	Decal - TORO (Europe)	50 13 1	67-2310	Plate - Front	39 6 1
62-6300	Asm. - Sleeve	51 10 1	67-2320	Gasket - Plate	39 7 1
62-7400	Decal - TORO	1 11 1	67-2330	Bolt	42 3 2
62-7650	Gasket - Sending Unit	21 7 1	67-2330	Bolt	43 16 6
63-6360	Bracket - Engine, Rear	35 58 1	67-2330	Bolt	41 34 4
63-6361	Bracket - Engine, Rear	35 * 1	67-2330	Bolt	41 49 2
63-6362	Bracket - Engine, Front	35 59 2	67-2340	Bolt W/Washer	39 3 3
63-6720	Bracket - Fan Idler	34 41 1	67-2340	Bolt W/Washer	43 11 2
63-6760	Asm. - Throttle Cable Swivel	6 29 2	67-2340	Bolt W/Washer	41 17 4
63-6890	Hinge - Hood R.H.	1 *15 1	67-2340	Screw - Hex. Washer Hd.	33 18 1
63-6900	Hinge - Hood L.H.	1 15 1	67-2350	Plug - Expansion	43 25 1
63-7140	Mount - Engine	34 34 4	67-2360	Bushing - Knock	43 26 2
63-7380	Asm. - Expansion Tank	50 6 1	67-2370	Bushing - Knock	43 32 1
63-7400	Washer - Flat	34 33 4	67-2380	Bushing - Knock	43 27 3
63-7440	Solenoid - Stop	33 10 1	67-2390	Plug - Taper	43 24 1
63-7590	Relay - Starter	31 35 1	67-2410	Bearing Set 0.25 mm US	40 * 1
63-7610	Hose - Fuel	21 1 1	67-2420	Bearing Set 0.50 mm US	40 * 1
63-7610	Hose - Fuel	52 8 1	67-2430	Bracket - Starter	43 23 1
63-7620	Hose - Fuel	52 4 1	67-2440	Bolt W/Washer	43 22 3
63-7628	Hose - Fuel	21 29 1	67-2480	Gasket - Oil Pan	39 17 1
63-7640	Unit - Sending	21 8 1	67-2500	Plunger - Relief	39 25 1
63-7650	Filter - Fuel	21 32 1	67-2510	Spring - Relief	39 26 1
63-7732	Cable - Brake R.H.	5 * 1	67-2520	Plug	39 28 1
63-7733	Cable - Brake L.H.	5 29 1	67-2530	Gear - Inner	39 12 1
63-7790	Screw - Cap Hex. Hd.	34 11 8	67-2540	Gear - Outer	39 11 1
63-7880	Pin - Brake Latch	5 28 1	67-2550	Housing - Oil Pump	39 10 1
63-7900	Rack - Parking Brake	3 20 1	67-2560	Bolt W/Washer	39 9 3
63-8140	Pulley - Idler	34 43 1	67-2570	Plug - Taper	41 19 1
63-8280	Head - Filter, Fuel	52 2 1	67-2570	Plug - Taper	39 29 1
63-8290	Vent - Air	52 3 1	67-2580	Gasket - Case	39 2 1
63-8300	Asm. - Fuel Filter	52 * 1	67-2590	Seal - Oil	39 23 1
63-8300	Element - Spin-On	52 7 1	67-2600	Bolt	42 5 1
63-8310	Valve - Drain	52 6 1	67-2600	Bolt	39 21 3
63-8360	Key - Ignition	11 9 1	67-2610	Bolt	42 9 2
63-8410	Washer - Flat	21 27 3	67-2610	Bolt	39 22 4
63-8410	Washer - Flat	14 37 3	67-2620	Bolt	39 24 1
65-5100	Handle	1 5 2	67-2630	Seal - O-Ring	39 20 2
66-2330	Base - Battery	50 30 1	67-2640	Cap	39 30 1
66-2490	Clamp - Battery	50 22 1	67-2650	Asm. - Oil Fill Cap	39 32 1
66-2920	Washer - Friction	6 31 2	67-2660	Seal - O-Ring	39 31 1
66-2960	Cluster - Warning	11 7 1	67-2670	Hose - Breather	41 8 1
66-2990	Cap - Spindle	54 51 2	67-2680	Hanger - Engine	41 16 2
66-3180	Tube - Vent	31 22 1	67-2700	Guide - Valve	41 42 6
66-3240	Cap - Radiator	31 8 1	67-2710	Cap - Sealing	41 41 3
66-4160	Spring	6 38 1	67-2730	Bolt	41 43 8
66-6480	Washer - Flat	22 38 4	67-2740	Bolt - Flange	41 15 3
66-8121	Standpipe - Elbow 90°	21 19 1	67-2760	Gasket	41 14 1
66-8520	Bumper - Down-stop	8 17 2	67-2770	Nut - Cap	41 12 2

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
67-2780	Washer	41 13 2	67-3650	Plate - Shim 2.3 mm	45 14 1
67-2850	Asm. - Rod, Connecting	37 9 3	67-3660	Plate - Shim 2.35 mm	45 * 1
67-2860	Bolt	37 12 6	67-3670	Plate - Shim 2.4 mm	45 * 1
67-2890	Bearing Set 0.25 mm US	37 * 3	67-3680	Plate - Shim 2.45 mm	45 * 1
67-2900	Bearing Set 0.50 mm US	37 * 3	67-3690	Plate - Shim 2.5 mm	45 * 1
67-2910	Gear	37 7 1	67-3700	Tappet	45 15 3
67-2930	Pulley - Crankshaft	37 19 1	67-3710	Screw - Air Bleed	45 24 1
67-2940	Nut - Jam	37 22 1	67-3720	Washer	45 23 1
67-2950	Washer	37 20 1	67-3730	Screw	45 22 1
67-2960	Washer - Lock	37 21 1	67-3740	Holder - Delivery Valve	45 3 3
67-2970	Asm. - Flywheel	37 13 1	67-3740	Nipple - Swivel	45 21 1
67-2980	Gear - Ring	37 15 1	67-3750	Washer	45 20 2
67-2990	Bolt	37 14 4	67-3760	Plate - Lock	45 2 3
67-3000	Washer	40 10 2	67-3770	Screw W/Washer	45 1 3
67-3010	Cam Shaft	40 7 1	67-3780	Rack	45 19 1
67-3020	Gear	40 12 1	67-3790	Screw	45 17 2
67-3030	Bearing	40 9 2	67-3800	Bracket - Wire Stop	45 18 1
67-3040	Plate	40 14 1	67-3810	Pin - Tappet Guide	45 16 3
67-3050	Bearing	40 22 1	67-3830	Washer 1.25 mm	45 31 1
67-3060	Shaft	40 21 1	67-3840	Washer 1.3 mm	46 31 1
67-3070	Gear	40 17 1	67-3850	Washer 1.35 mm	46 * 1
67-3080	Snap Ring	40 23 1	67-3860	Washer 1.4 mm	46 * 1
67-3090	Asm. - Gear	40 13 1	67-3870	Washer 1.45 mm	46 * 1
67-3100	Retainer	37 32 6	67-3880	Washer 1.5 mm	46 * 1
67-3110	Spring	37 31 6	67-3890	Washer 1.55 mm	46 * 1
67-3120	Tappet	37 6 6	67-3900	Washer 1.6 mm	46 * 1
67-3130	Valve - Intake	37 28 3	67-3910	Washer 1.65 mm	46 31 1
67-3140	Valve - Exhaust	37 29 3	67-3920	Washer 1.7 mm	46 * 1
67-3150	Rod-Push	37 5 6	67-3930	Spring	45 30 3
67-3160	Arm-Rocker	37 1 6	67-3940	Pin - Pressure	45 29 3
67-3170	Spring	38 40 2	67-3950	Piece - Distance	45 28 3
67-3180	Cap	37 34 6	67-3960	Nozzle	45 27 3
67-3190	Asm. - Rocker Shaft	37 38 1	67-3970	Nut - Retaining	45 25 3
67-3200	Stay - Rocker	37 35 3	67-3980	Gasket	45 26 3
67-3210	Screw - Adjusting	37 4 6	67-3990	Lever - Speed Control	47 1 1
67-3220	Pin	37 37 1	67-4000	Pin	47 2 2
67-3230	Nut - Jam	37 2 6	67-4010	Stopper	47 15 1
67-3240	Snap Ring	37 3 2	67-4030	Rod - Tie	47 23 1
67-3250	Bolt-Rocker Stay	38 43 2	67-4040	Asm. - Weight	47 13 1
67-3260	Washer	49 3 1	67-4050	Shaft - Governor	47 19 1
67-3260	Washer	47 8 2	67-4060	Lever - Governor	47 18 1
67-3260	Washer	38 41 3	67-4070	Shaft - Sliding	47 16 1
67-3280	Shim 0.2 mm	43 38 1	67-4080	Clip	47 24 1
67-3290	Shim 0.3 mm	43 * 1	67-4090	Lever - Tension	47 21 1
67-3300	Shim 0.5 mm	43 * 1	67-4110	Asm. - Cover	47 * 1
67-3310	Shim 0.4 mm	43 * 1	67-4120	Pin - Grooved	47 35 1
67-3320	Shim 0.6 mm	43 * 1	67-4130	Cover - Governor	47 4 1
67-3330	Shim 0.7 mm	44 38 1	67-4140	Lever - Stop	47 11 1
67-3340	Shim 0.8 mm	44 * 1	67-4150	Lever - Stop	47 40 1
67-3350	Shim 0.9 mm	44 * 1	67-4160	Gasket	47 5 1
67-3360	Shim 1.0 mm	44 * 1	67-4170	Spring Set	47 * 1
67-3370	Bolt W/Washer	44 39 4	67-4180	Nut	47 31 1
67-3380	Asm. - Nozzle & Holder	43 6 1	67-4190	Spring - Torque	47 28 1
67-3380	Asm. - Nozzle and Holder	46 * 3	67-4200	Nut - Special	47 30 1
67-3390	Gasket - Nozzle Holder	43 7 3	67-4210	Case - Torque Spring	47 26 1
67-3400	Asm. - Pipe #1	44 42 1	67-4220	Screw - Adjusting	47 29 1
67-3410	Asm. - Pipe #2	44 43 1	67-4230	Stopper	47 27 1
67-3420	Asm. - Pipe #3	43 1 1	67-4240	Cap - Sealing Torque Set	47 32 1
67-3430	Nut	43 2 3	67-4270	Bolt	47 3 4
67-3440	Gasket	43 4 3	67-4280	Bolt W/Washer	47 17 1
67-3460	Housing - Pump	45 9 1	67-4290	Nut	47 34 4
67-3480	Seal - O-Ring	45 4 3	67-4310	Gasket	37 23 1
67-3490	Spring	45 5 3	67-4330	Asm. - Oil Filter	44 40 1
67-3500	Valve	45 7 3	67-4340	Asm. - Screen	43 31 1
67-3520	Sleeve	45 10 3	67-4350	Switch - Oil Pressure	42 8 1
67-3530	Seat - Spring Upper	45 11 3	67-4360	Pulley - Water Pump	42 1 1
67-3540	Spring	45 12 3	67-4380	Asm. - Water Pump	42 6 1
67-3550	Seat - Spring Lower	45 13 3	67-4390	Gasket - Water Pump	42 7 1
67-3560	Plate - Shim 1.85 mm	45 14 1	67-4400	Bolt	41 1 2
67-3570	Plate - Shim 1.9 mm	45 * 1	67-4400	Bolt	42 4 1
67-3580	Plate - Shim 1.95 mm	45 * 1	67-4410	V-Belt	42 2 1
67-3590	Plate - Shim 2.0 mm	45 * 1	67-4420	Fitting - Water	41 46 1
67-3600	Plate - Shim 2.05 mm	45 * 1	67-4430	Gasket - Fitting	41 45 1
67-3610	Plate - Shim 2.1 mm	45 * 1	67-4440	Thermostat	41 38 1
67-3620	Plate - Shim 2.15 mm	45 * 1	67-4450	Fitting - Thermostat	41 32 1
67-3630	Plate - Shim 2.2 mm	45 * 1	67-4460	Gasket - Switch	41 31 1
67-3640	Plate - Shim 2.25 mm	45 * 1	67-4470	Bolt	41 33 1

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67-4480	Pipe — By—Pass	41 37 1	72-3582	Shim .116 — Diff. Adjust.	24 * A/R
67-4490	Gasket	41 30 1	72-3583	Shim .118 — Diff. Adjust.	24 * A/R
67-4500	Switch — Thermo	41 29 1	72-3584	Shim .120 — Diff. Adjust.	24 * A/R
67-4510	Gauge Nut — Temperature	41 35 1	72-3585	Shim .125 — Diff. Adjust.	24 * A/R
67-4550	Gasket—Intake Manifold	41 44 1	72-3586	Shim .127 — Diff. Adjust.	24 * A/R
67-4560	Manifold — Exhaust	41 24 1	72-3587	Shim .129 — Diff. Adjust.	24 * A/R
67-4570	Gasket — Exhaust Manifold	41 26 1	72-3588	Shim .131 — Diff. Adjust.	24 * A/R
67-4580	Bolt	41 22 2	72-3590	Shim .133 — Diff. Adjust.	24 * A/R
67-4590	Bolt	41 23 4	72-3591	Shim .135 — Diff. Adjust.	24 * A/R
67-4610	Bolt W/Washer	48 2 2	72-3592	Shim .137 — Diff. Adjust.	24 * A/R
67-4620	Spacer	49 21 1	72-3593	Shim .139 — Diff. Adjust.	24 * A/R
67-4630	Asm. — Alternator	49 1 1	72-3594	Shim .141 — Diff. Adjust.	24 * A/R
67-4640	Bolt	49 22 1	72-3595	Shim .143 — Diff. Adjust.	24 * A/R
67-4660	Bolt — Flange	49 26 1	72-3596	Shim .145 — Diff. Adjust.	24 * A/R
67-4670	Nut	49 2 1	72-3597	Shim .147 — Diff. Adjust.	24 * A/R
67-4680	Plug — Glow	41 39 3	72-3598	Shim .149 — Diff. Adjust.	25 22 A/R
67-4690	Plate — Glow Plug	41 40 1	72-3600	Shim .151 — Diff. Adjust.	25 * A/R
67-4720	Lever	48 4 1	72-6140	Cover — Rear	49 27 1
67-4730	Spring Set	48 5 1	72-6950	Retainer — Oil Guide	44 44 1
67-4750	Switch	48 7 1	74-0720	Tube — Manual	6 10 1
67-4760	Asm. — Shaft	48 15 1	74-3810	Asm. — Load Plate	20 9 1
67-4770	Pinion Set	48 14 1	74-5520	Clutch — Fan	35 53 1
67-4780	Gear Set	48 12 1	74-5950	Asm. — Swell Latch	11 5 1
67-4790	Shaft	48 11 1	74-5950	Asm. — Swell Latch	1 21 3
67-4800	Yoke	48 20 1	74-9100	Pad — Forward	5 12 1
67-4810	Pulley Set	49 16 1	74-9110	Pad — Reverse	5 14 1
67-4820	Bolt Set	49 20 1	75-0010	Asm. — Transmission	22 9 1
67-4830	Asm. — Front Bracket	49 15 1	75-0020	Housing	27 5 1
67-4840	Screw Set	49 18 1	75-0030	Gasket — Housing	27 46 1
67-4850	Bearing — Front	49 19 1	75-0040	Center Section	27 18 1
67-4860	Asm. — Rotor	49 7 1	75-0060	Plug	27 20 4
67-4870	Bearing — Rear	49 6 1	75-0070	Plug	27 41 1
67-4880	Stator	49 10 1	75-0090	Screw — Cap Hex Hd.	27 9 8
67-4890	Asm. — Rear Cove	49 9 1	75-0110	Screw — Cap Hex Hd.	27 35 2
67-4900	Terminal Set	49 11 1	75-0120	Screw — Cap Hex Hd.	27 28 1
67-4910	Asm. — Regulator	49 12 1	75-0130	Screw — Cap Hex Hd.	27 24 3
67-4920	Brush	49 13 2	75-0140	Spring — Conical	27 26 1
67-4930	Rectifier	49 8 1	75-0150	Guide — Seal	27 2 1
67-5040	Spring	47 20 1	75-0160	Plug — Pipe	27 47 1
67-7160	Block — Fuse	11 21 2	75-0170	Plug — Straight Thread	27 19 4
67-7250	Spacer — Cylinder	53 13 1	75-0180	Screw — Cap Hex Hd.	27 36 2
67-7960	Decal — Hands/Feet	57 * 3	75-0190	Plug — Special	27 27 2
67-7960	Decal — Hands/Feet	59 * 2	75-0200	Plug — Straight Thread	27 38 2
67-9410	Washer — Thrust	53 29 2	75-0210	O—Ring	27 6 2
68-5140	Cap — Steering Wheel	3 7 1	75-0220	Pin	27 48 2
68-5370	Decal — TORO	3 5 1	75-0230	Seal — Lip	27 8 1
68-6150	Breather — Hydraulic Tank	14 2 1	75-0240	O—Ring	27 21 6
69-4780	Clamp — Light Cluster	12 42 1	75-0250	Pin — Slotted	27 54 1
69-8930	Washer	19 13 8	75-0260	Valve — Relief	27 23 4
69-8960	Spacer	19 29 4	75-0270	Spring	27 39 1
70-2780	Piston	60 5 1	75-0280	Spring	27 42 1
70-2780	Piston	61 5 1	75-0290	Spring	27 43 2
70-2780	Piston	63 5 1	75-0300	Valve — SCR	27 25 1
70-8220	Cable — Ground	34 31 1	75-0310	Shim	27 40 1
70-8530	Wire — Fuel Pump	21 33 1	75-0320	Nipple	27 37 1
70-8570	Breaker — Circuit	12 * 2	75-0330	Seal — Lip	27 34 1
70-8700	Pipe — Fuel Return	43 3 1	75-0340	Bearing — Needle	27 33 1
70-8720	Spring — Tie Rod	47 22 1	75-0350	Pin	27 31 1
70-8760	Asm. — Starter	48 1 1	75-0360	Gerotor	27 30 1
70-8770	Bracket — Front	48 3 1	75-0370	O—Ring	27 29 1
70-8780	Bracket — Center	48 6 1	75-0380	Plate — Valve	27 15 1
70-8870	Guide — Oil Level	43 8 1	75-0390	Plate — Swash	27 12 1
70-8880	Dipstick	43 5 1	75-0400	Plate — Thrust	27 13 2
71-1520	Cap — Expansion Tank	50 7 1	75-0410	O—Ring	27 3 1
71-4330	Seal	25 41 1	75-0430	Ring — Retaining	27 1 1
71-4350	Nut	24 20 1	75-0440	Shaft — Motor	27 45 1
72-3570	Shim .094 — Diff. Adjust.	24 22 A/R	75-0450	Collar	27 50 1
72-3571	Shim .096 — Diff. Adjust.	24 * A/R	75-0460	Bearing — Ball	27 51 2
72-3572	Shim .098 — Diff. Adjust.	24 * A/R	75-0470	Cylinder Block Kit	27 14 2
72-3573	Shim .100 — Diff. Adjust.	24 22 A/R	75-0480	Pin	27 10 2
72-3574	Shim .102 — Diff. Adjust.	24 * A/R	75-0500	Bearing — Needle	27 16 2
72-3575	Shim .104 — Diff. Adjust.	24 * A/R	75-0510	Pin	27 17 2
72-3576	Shim .106 — Diff. Adjust.	24 * A/R	75-0520	Bearing — Ball	27 4 1
72-3577	Shim .108 — Diff. Adjust.	24 * A/R	75-0550	Strainer — Suction	14 29 1
72-3578	Shim .110 — Diff. Adjust.	24 * A/R	75-0560	Asm. — Steering Wheel	3 4 1
72-3580	Shim .112 — Diff. Adjust.	24 * A/R	75-0570	Cable — Hood	1 14 1
72-3581	Shim .114 — Diff. Adjust.	24 * A/R	75-0600	Asm. — Steering Valve	4 * 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
75-0600	Asm. — Steering Valve	3 26 1	75-4060	Screen — Radiator	31 1 1
75-0610	Tread — Foot R.H.	2 * 1	75-4080	Plate — Traction	28 15 1
75-0620	Tread — Foot L.H.	2 37 1	75-4100	Control — Pump	28 25 1
75-0630	Tread — Foot Center	2 40 1	75-4130	Plate — Switch	28 7 1
75-0640	Tread — Footrest R.H.	2 * 1	75-4180	Pin — Rear Axle Pivot	54 44 1
75-0650	Tread — Footrest L.H.	2 36 1	75-4250	Bracket — Expansion Tank	50 23 1
75-0670	Decal — Hood Trim L.H.	1 12 1	75-4260	Support — Radiator	31 5 1
75-0680	Decal — Hood Trim R.H.	1 * 1	75-4310	Shield — Radiator	31 30 1
75-0720	Housing—Lower	25 34 1	75-4350	Shroud — Fan	31 12 1
75-0750	Decal — Backlap Switch	31 41 1	75-4360	Bracket — Switch	6 8 1
75-0800	Asm. — Gear Pump	29 18 1	75-4370	Bracket — Switch (Seat)	6 3 1
75-0920	Cartridge — Relief 3000 psi	16 13 1	75-4400	Adaptor — Transmission	29 8 1
75-0930	Hook — Oil Cooler	31 50 4	75-4410	Asm. — Pivot Plate	53 42 1
75-0940	Guard — Flywheel	33 22 1	75-4450	Hub — Fan Drive	34 6 1
75-1010	Asm. — Toggle Switch	11 16 1	75-4490	Bracket — Muffler	33 16 1
75-1020	Switch — Backlap	31 38 1	75-4520	Spring — Torsion R.H.	58 29 1
75-1040	Cooler — Oil	31 2 1	75-4530	Spring — Torsion L.H.	58 * 1
75-1070	Muffler	33 11 1	75-4550	Shaft — Center Arm Pivot	56 27 1
75-1180	Manifold	18 7 2	75-4590	Rod — Pivot	58 28 2
75-1180	Manifold — Hydraulic	17 23 1	75-4630	Coupling — Driveshaft	33 7 1
75-1200	Asm. — Hydraulic Cylinder	54 47 1	75-4650	Bracket — Spring Rear L.H.	58 * 1
75-1210	Nut — Lock	55 2 1	75-4690	Bracket — Spring Rear R.H.	58 6 1
75-1220	Piston	55 3 1	75-4700	Hose — Fuel	21 13 1
75-1230	Asm. — Piston Rod	55 5 1	75-4701	Hose — Fuel	21 16 1
75-1250	Seal Kit	55 6 1	75-4701	Hose — Fuel Vent	31 24 1
75-1260	Head — Internal	55 4 1	75-4710	Warning Light Harness	11 28 1
75-1280	Decal — Warning	1 22 1	75-4720	Fitting — Hydraulic 90°	22 23 1
75-1300	Asm. — Hydraulic Filter Head	14 31 1	75-4900	Bearing Set STD	40 3 1
75-1310	Element — Hydraulic Filter	14 34 1	75-4910	Asm. — Oil Pan	39 14 1
75-1330	Filter — Oil	22 27 1	75-4930	Asm. — Cylinder Head	41 28 1
75-1350	Cable — Throttle	6 20 1	75-4940	Brace — Alternator	49 23 1
75-1360	Cable — Battery (Ground)	34 20 1	75-4970	Element	45 8 3
75-1370	Asm. — Battery Cable (+)	50 17 1	75-4980	Lever — Governor Spring	47 7 1
75-1380	Belt — V	34 44 1	75-4990	Spring — Governor	47 25 1
75-1390	Panel — Access	2 39 1	75-5000	Body	46 32 3
75-1410	Panel — Floor	2 41 1	75-5010	Bearing Set STD	37 8 3
75-1420	Cover — Steering Tower	1 2 1	75-5020	Asm. — Injector Pump	44 41 1
75-1430	Asm. — Brake Pedal, R.H.	5 35 1	75-5040	Gasket Kit	39 * 1
75-1440	Pedal — Brake L.H.	5 33 1	75-5050	Ring Set STD	37 11 3
75-1470	Shaft — Brake Pedal	5 36 1	75-5060	Ring Set 0.25 mm OS	37 * 3
75-1490	Rod — Parking Brake	3 13 1	75-5070	Ring Set 0.50 mm OS	37 * 3
75-2010	Cartridge — Relief 2000 psi	16 14 1	75-5080	Piston & Pin Set STD	37 10 3
75-2080	Kit — Seal	16 * 10	75-5090	Piston & Pin Set	37 * 3
75-2090	Kit — Seal	16 * 3	75-5100	Piston & Pin Set	37 * 3
75-2120	Shaft W/Tube	63 7 1	75-5110	Asm. — Cover	37 24 1
75-2170	Tube — Pump Control	5 37 1	75-5120	Gasket	38 45 1
75-2240	Hose — Radiator Upper	31 18 1	75-5170	Asm. — Support Plate L.H.	32 * 1
75-2260	Hose — Radiator Lower	31 21 1	75-5180	Asm. — Support Plate R.H.	32 56 1
75-2430	Coupling — Transmission	29 7 1	75-5190	Decal — No Riders	1 25 2
75-2810	Clamp — Steering Valve	3 3 1	75-5200	Bracket — Spring R.H.	56 * 1
75-2820	Grill — Hood	1 7 1	75-5210	Bracket — Spring Center	56 16 1
75-2850	Hose — Expansion Tank	50 9 1	75-5220	Bracket — Spring L.H.	56 * 1
75-2850	Hose — Expansion Tank	31 10 1	75-5240	Tube — Hydraulic	29 12 1
75-2900	Asm. — Rear Axle	54 45 1	75-5240	Tube — Hydraulic	15 39 1
75-2970	Pedal — Traction	5 13 1	75-5250	Tube — Hydraulic	29 13 1
75-3010	Joint — Arm	58 31 2	75-5250	Tube — Hydraulic	15 38 1
75-3010	Joint — Arm	57 54 3	75-5300	Rod — Hose Support	57 63 1
75-3110	Collar — Transmission	22 8 1	75-5310	Spacer — Bearing	34 5 1
75-3130	Rod — Tie	53 37 2	75-5350	Pin — Cylinder Rod End	58 22 2
75-3270	Lever — Traction Pivot	5 8 1	75-5350	Pin — Cylinder Rod End	56 31 3
75-3390	Bracket — Backlap	31 39 1	75-5360	Pin — Cylinder Cap End	58 39 2
75-3400	Shaft — Seat Pivot	6 14 1	75-5390	Roller	58 14 2
75-3420	Asm. — Lift Control	11 37 1	75-5400	Shaft — Roller	58 13 2
75-3430	Rod — Throttle	6 34 1	75-5410	Bracket — Arm	57 53 2
75-3480	Weldment — Upper	8 23 1	75-5470	Spacer	28 12 2
75-3510	Bolt — Shoulder	8 26 2	75-5720	Hose — Hydraulic	14 19 1
75-3530	Spring — Compression	8 3 1	75-5740	Box — Control	11 24 1
75-3540	Pin — Roll	8 6 1	75-5780	Hinge — Cover	2 54 1
75-3550	Bumper — Seat	8 7 2	75-5780	Hinge — Cover	12 59 1
75-3580	Plate — Mounting, Seat	8 2 1	75-5810	Box — Tool	1 26 1
75-3680	Rod — Seat	6 18 1	75-5890	Hose — Hydraulic	17 10 1
75-3710	Dipstick	14 4 1	75-5890	Hose — Hydraulic	56 28 2
75-3780	Fan	35 52 1	75-5890	Hose — Hydraulic	15 35 1
75-3790	Shaft W/Tube	60 7 1	75-5900	Hose — Hydraulic	15 30 1
75-3790	Shaft W/Tube	61 7 1	75-5900	Hose — Hydraulic	57 47 1
75-3810	Bracket — Roller	58 11 2	75-5910	Hose — Hydraulic	17 11 1
75-3860	Fender — L.H.	2 29 1	75-5910	Hose — Hydraulic	57 60 1

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75-5940	Hose - Hydraulic AUX	3 23 1	83-6790	Pin - Cylinder (Short)	56 43 1
75-6070	Hose - Hydraulic	18 15 1	83-7450	Decal - Down (English)	32 60 1
75-6070	Hose - Hydraulic L.H. (Cap)	59 55 1	83-9150	Decal - Starting Fluid	50 3 1
75-6080	Hose - Hydraulic	18 14 1	84-1710	Piston	62 5 1
75-6080	Hose - Hydraulic L.H. (Rod)	58 * 1	84-1740	Shaft W/Tube	62 7 1
75-6130	Hose - Hydraulic	14 9 1	84-1760	Seal repair Kit	62 * 1
75-6140	Hose - Hydraulic	14 30 1	84-2780	Decal - No Step (Japan)	57 62 2
75-6140	Hose - Hydraulic R.H.	31 46 1	84-2860	Decal - Fuel (Japan)	2 28 1
75-6150	Hose - Hydraulic	22 15 1	84-2940	Decal - Warning (Japan)	56 33 3
75-6150	Hose - Hydraulic	31 20 1	84-2940	Decal - Warning (Japan)	58 37 2
75-6160	Hose - Hydraulic L.H.	31 * 1	84-3100	Decal - Starting Fluid	50 3 1
75-6170	Hose - Hydraulic	22 11 1	84-3260	Decal - Backlap Switch	31 41 1
75-6170	Hose - Hydraulic	31 17 1	84-3340	Decal - Warning (Japan)	1 22 1
75-6180	Hose - Hydraulic	18 1 2	84-3420	Decal - No Riders (Japan)	1 25 2
75-6180	Hose - Hydraulic R.H.	58 16 2	84-3500	Decal - Fast/Slow (Japan)	5 18 1
75-6220	Hose - Hydraulic	53 34 1	84-3660	Decal - Warning (Japan)	2 49 1
75-6230	Hose - Hydraulic	54 50 1	84-3820	Decal - Down (Japan)	32 60 1
75-6230	Hose - Hydraulic RT	3 18 2	84-4220	Decal - Hands/Feet (Japan)	57 * 3
75-6240	Hose - Hydraulic	29 14 1	84-4220	Decal - Hands/Feet (Japan)	59 * 2
75-6240	Hose - Hydraulic IN	3 19 1	84-8320	Insert - Hinge	56 10 4
75-6250	Hose - Hydraulic	14 17 1	84-8590	Asm. - Shoe & Lining	26 9 4
75-6250	Hose - Hydraulic OUT	3 25 1	84-8600	Set of Lined Brake Shoes	26 * 1
75-6260	Cover - Tool Box	1 23 1	85-4330	Cover - Gear	22 4 1
75-6270	Cover - Control Box	11 15 1	85-4340	Plate - Sensor Mounting	23 52 1
75-6280	Bracket - Hose	2 46 1	85-4350	Sensor - Gear Tooth	23 44 1
75-6340	Strainer - In-Line	22 35 1	85-4410	Decal - Reelmasterr 5100D	1 8 2
75-6350	Hose	22 25 1	85-4420	Gauge - Speedometer	11 2 1
75-6370	Cover - Sensor	57 49 1	85-4440	Decal - ECU Display	12 61 1
75-6380	Shaft - Fan	34 1 1	85-4470	Asm. - Potentiometer	12 44 1
75-6390	Pulley - Fan	34 3 1	85-4480	Knob	11 25 1
75-6410	Yoke - Shaft	33 2 1	85-4491	Lamp - Diagnostic	12 57 1
75-6420	Yoke - Slip Tube	33 3 1	85-4530	Decal - Danger (English)	7 49 1
75-6490	Lever - Pedal Stop	5 20 1	85-4610	Decal - Instruction	6 40 1
75-6510	Lever - Bracket	5 16 1	85-4650	Connector - Loop Back	12 * 1
75-6550	Disc - Friction	5 17 1	85-4730	Decal - Hydraulic Oil	17 7 1
75-6580	Cable - Pedal	5 7 1	85-4730	Decal - Hydraulic Oil	1 4 1
75-6640	Fitting - Hydraulic 90°	15 20 2	85-4750	Display - Diagnostic-ACE	9 2 1
75-6680	Bar - Weight (Europe)	50 12 1	85-4760	Decal - Diagnostic-ACE	9 1 1
75-6710	Decal - Fast/Slow	5 18 1	85-9900	Plate - Spring Anchor	28 16 1
75-6820	Meter - Hour	12 47 1	85-9910	Eyebolt	28 27 1
75-6840	Knob - Knurled	2 38 4	86-7190	Upper Housing	25 26 1
75-6840	Knob - Knurled (Europe)	2 38 3	86-7220	Gear - Pinion	22 32 1
75-6850	Tube - Oil Fill	22 40 1	86-7230	Gear-Spur	24 14 1
75-6870	Hose - Hydraulic Suction	14 28 1	86-7330	Seal repair Kit	60 * 1
75-6870	Hose - Suction	29 1 1	86-7330	Seal repair Kit	61 * 1
75-6880	Screen - Spark Arrestor	33 * 1	86-7330	Seal repair Kit	63 * 1
75-6930	Valve - SCR	27 52 1	86-7520	Asm. - Trunnion Cover R.H.	27 7 1
76-1910	Shaft - Pivot	8 12 2	86-7530	Asm. - Trunnion Cover L.H.	27 49 1
76-1920	Bushing - Sleeve	8 9 4	86-7540	Shaft - Pump	27 11 1
76-1930	Knob - Tension Adjustment	8 19 1	86-7550	Connector - Cover (2 Way)	12 * 2
76-1940	Spring - Extension	8 14 2	86-7560	Connector - Cover (3 Way)	12 * 3
76-2940	Bumper - Rubber	8 8 2	86-9190	Hose - Hydraulic	15 14 2
76-2970	Bushing - Sleeve	53 43 2	86-9200	Sleeve - Pump	29 6 1
76-2980	Washer - Thrust	53 41 1	88-0440	Decal - Floor Plate	17 6 1
76-8640	Stud - Traction	28 23 1	88-1900	Decal - Floor Plate (Japan)	17 6 1
76-8730	Decal - Bolt Torque	22 22 2	88-1980	Decal - Hyd. Oil (Japan)	1 4 1
76-8750	Plate - Caution	31 14 1	88-1980	Decal - Hydraulic Oil	17 7 1
76-9430	Spring - Extension	28 8 1	88-6960	Cartridge - 4W/2P	16 19 3
77-0490	Decal - Bolt	22 20 1	88-6970	Cartridge - N.O.	16 9 2
77-2870	Weldment - Hanger	8 18 1	88-7020	Cartridge - N.O.	16 3 2
80-4860	Pin - Clevis	8 1 1	88-9190	Solenoid - 20 Watt	16 4 6
80-4880	Decal - Bolt (Japan)	22 20 1	88-9200	Solenoid - 28 Watt	16 8 5
82-2310	Radiator	31 7 1	92-0845	Crankshaft	37 16 1
82-6490	Hose - Hydraulic	57 65 1	92-0847	Cap - Oil Filler	41 11 1
82-8170	Clamp	56 8 8	92-1108	Decal - Danger (Japan)	7 49 1
82-8170	Clamp	19 35 4	92-1116	Decal - Instructions	2 48 1
82-8170	Clamp	59 60 2	92-1124	Decal - Instruction	7 40 1
82-8170	Clamp - Rubber	17 20 4	92-1125	Decal - Instruction	6 40 1
82-8270	Valve - Flow Control	18 13 1	92-1126	Decal - Instruction	6 40 1
82-8270	Valve - Flow Control	15 31 1	92-1127	Decal - Instruction	6 40 1
82-8270	Valve - Flow Control	57 71 1	92-1128	Decal - Instruction	6 40 1
82-9060	Adjuster W/Handle	8 13 1	92-1129	Decal - Instruction	6 40 1
83-4780	Housing - Charge Pump	27 32 1	92-1130	Decal - Instruction	6 40 1
83-4910	Coupler - Pinion	25 40 1	92-1131	Decal - Instruction	6 40 1
83-5130	Spacer - Pinion	24 21 1	92-1180	Asm. - Seat	6 1 1
83-5170	Stop - Reel, LH	59 * 1			

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92-1774	Seal — Oil	26 2 2	93-6699	Decal — Fast/Slow	5 18 1
92-2379	Clamp — Hose	50 8 1	93-7000	Spindle — Rear R.H.	53 * 1
92-2379	Clamp — Hose	31 9 1	93-7001	Spindle — Rear L.H.	53 15 1
92-2581	Asm. — Switch Arm	28 21 1	93-7044	Bracket — Engine L.H. Front	34 36 1
92-4390	Sensor — Magnet	59 63 1	93-7045	Bracket — Engine R.H. Rear	34 10 1
92-4808	Sleeve — Trans. Pilot	23 55 1	93-7048	Bracket — Engine L.H. Rear	34 28 1
92-4846	Asm. — Transmission Support	22 7 1	93-7049	Bracket — Fan	34 40 1
92-5720	Controller — Electronic	11 31 1	93-7154	Decal — Instructions	2 48 1
92-5797	Gasket — Axle	23 56 1	93-7182	Guard — Fan	36 4 1
92-6315	Cartridge — N.C.	16 22 1	93-7252	Decal — C.E. (Europe)	2 56 1
92-8001	Sensor — Switch	6 6 1	93-7276	Decal — Danger (Europe)	50 10 1
92-8002	Sensor — Reed Switch	56 12 1	93-7416	Insert — Dust Shield	26 20 2
92-8020	Adapter — Breather	14 26 3	93-7488	Reservoir — Hydraulic	14 1 1
92-8753	Actuator — Switch	6 5 1	93-7498	Plug — Plastic	14 6 1
92-8754	Actuator — Reed Switch	57 51 1	93-7499	Gasket — Flange	14 5 1
92-8759	Motor — Hydraulic	19 21 5	93-7550	Asm. — Hydraulic Cylinder	57 67 1
92-8775	Gasket — Kit, Liquid	26 * 1	93-7551	Asm. — Hydraulic Cylinder	56 7 1
92-8794	Asm. — Cover	20 4 1	93-7557	Asm. — Barrel	63 2 1
92-8795	Asm. — Body	20 10 1	93-7558	Asm. — Barrel	62 2 1
92-8796	Pin — Dowel	20 14 2	93-7579	Fender — R.H.	1 3 1
92-8863	Repair Kit	20 * 1	93-7587	Bracket — Fuse Block	11 23 1
92-9096	Asm. — Hose	14 46 1	93-7588	Cover — Tank	14 8 1
92-9096	Hose — Hydraulic	17 22 1	93-7840	Decal — Radiator Cap	32 64 1
92-9097	Set Screw	59 50 2	93-7960	Spacer	17 19 4
92-9097	Set Screw	57 69 3	93-7960	Spacer	19 34 4
92-9098	Manifold — Tank	14 14 1	93-7960	Spacer	56 36 6
93-0064	Support — Rear Axle	53 4 1	93-7960	Spacer	59 61 2
93-0069	Pin — Pivot	58 38 29	93-7961	Clamp	17 28 2
93-0078	Hose — Hydraulic	15 21 1	93-7961	Clamp	59 62 1
93-0083	Plate — Valve	27 44 1	93-7961	Clamp — Case Drain	19 33 2
93-0096	Decal — A.C.E.	2 51 2	93-7961	Clamp — Rubber	56 34 3
93-0118	Hose — Hydraulic	18 9 2	93-7990	Head	60 11 1
93-0118	Hose — Hydraulic	17 12 1	93-7990	Head	61 11 1
93-0118	Hose — Hydraulic	15 33 1	93-7990	Head	63 11 1
93-0119	Hose — Hydraulic	17 13 1	93-7991	Collar	60 13 1
93-0119	Hose — Hydraulic	14 21 1	93-7991	Collar	61 13 1
93-0139	Manifold — Hydraulic	17 17 1	93-7991	Collar	63 13 1
93-0140	Grommet	7 41 1	93-7993	Head	62 11 1
93-0142	Bushing — Straight	59 51 2	93-7994	Collar	62 13 1
93-0143	Cartridge — Relief 250 psi	17 18 1	93-8051	Decal — Warning (Europe)	2 49 1
93-0307	Nut — Retainer	54 53 2	93-8052	Decal — Instructions	50 5 1
93-0309	Washer — Tab	53 22 2	93-8053	Decal — ECU Display	12 61 1
93-1268	Decal — HOC Selector	12 50 1	93-8056	Decal — Down (Europe)	32 60 1
93-3102	Cap — Fuel Tank	21 22 1	93-8057	Decal — Instruction	7 40 1
93-3139	Panel — Tower (English)	3 10 1	93-8058	Decal — Instruction	7 40 1
93-3140	Panel — Control	11 14 1	93-8059	Decal — Instruction	7 40 1
93-3163	Spring	8 28 1	93-8060	Decal — Danger (Europe)	7 49 1
93-3164	Cap	8 27 2	93-8078	Decal — (Danish)	9 1 1
93-3165	Bracket	8 29 1	93-8079	Decal — (Dutch)	9 1 1
93-3601	Decal — Instructions	2 48 1	93-8080	Decal — (Italian)	9 1 1
93-3609	Bolt — Special	4 36 4	93-8081	Decal — (Spanish)	9 1 1
93-3611	Asm. — Control Manifold	15 6 1	93-8082	Decal — (German)	9 1 1
93-3612	Fitting — Hydraulic 90°	15 25 1	93-8083	Decal — (French)	9 1 1
93-3618	Asm. — Gear & Pinion	25 * 1	93-8084	Decal — (Swedish)	9 1 1
93-3625	Spring — Return, Joystick	12 58 1	93-8085	Decal — (Portuguese)	9 1 1
93-3626	Bracket — Hose	31 31 1	93-8086	Decal — (Norwegian)	9 1 1
93-3626	Bracket — Hose	2 35 1	93-8087	Decal — (Finnish)	9 1 1
93-3639	Decal — Warning	2 49 1	93-8089	Decal — (Japanese)	9 1 1
93-3640	Stop — Reel, RH	59 56 1	93-8091	Decal — Instructions	2 48 1
93-6668	Decal — Battery (Europe)	50 11 1	93-8092	Decal — Instructions	2 48 1
93-6680	Decal — Fuel (Europe)	2 28 1	93-8093	Decal — Instructions	2 48 1
93-6681	Plate — Caution (Europe)	31 14 1	93-8094	Decal — Instructions	2 48 1
93-6682	Panel — Tower (Europe)	3 10 1	93-8095	Decal — Instructions	2 48 1
93-6683	Panel — Control (Europe)	11 14 1	93-8096	Decal — Instructions	2 48 1
93-6684	Decal — Backlap Switch	31 41 1	93-8097	Decal — Instructions	2 48 1
93-6686	Decal — Hyd. Oil (Europe)	1 4 1	93-8098	Decal — Instructions	2 48 1
93-6686	Decal — Hydraulic Oil	17 7 1	93-8099	Decal — Instructions	2 48 1
93-6687	Decal — No Step (Europe)	57 62 2	93-8496	Gauge — Temperature	11 8 1
93-6688	Decal — Hands/Feet (Europe)	57 * 3	93-8497	Gauge — Fuel	11 1 1
93-6688	Decal — Hands/Feet (Europe)	59 * 2	93-8742	Pad — Brake	5 26 2
93-6689	Decal — No Riders (Europe)	1 25 2	93-8744	Rivet	2 55 3
93-6691	Decal — Bolt (Europe)	22 20 1	93-8744	Rivet	12 60 3
93-6692	Decal — Starting Fluid	50 3 1	93-9151	Fitting — Hydraulic	19 30 4
93-6693	Decal — Floor Plate (Europe)	17 6 1	93-9310	Asm. — Hydraulic Cylinder	57 46 1
93-6696	Decal — Warning (Europe)	56 33 3	93-9311	Asm. — Hydraulic Cylinder	59 40 2
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93-9945	Shield - Flywheel	36 1 1	218-535	Nut - Lock	11 30 1
93-9976	Asm. - Seat Plate	6 15 1	218-536	Washer - Lock	11 29 1
93-9979	Latch - Seat	6 36 1	218-573	Fuse - 5A	11 20 2
93-9983	Bracket - Seat Latch	6 37 2	218-578	Fuse - 10A	11 * 3
94-1250	Frame - Seat	6 27 1	218-579	Wire - Fuel Pump	21 34 1
94-1257	Asm. - Block	40 1 1	219-17	Bulb - Light	11 * 4
94-1258	Gasket - Cylinder Head	41 25 1	219-19	Bulb - Light	12 * 1
94-1259	Asm. - Gear Case	39 1 1	2142-126	Clamp-R	12 53 1
94-1896	Hose - Air Cleaner	50 1 1	231-134	Tire	23 45 2
94-1896	Hose - Air Cleaner	34 15 1	231-141	Tire	53 19 2
94-2685	Cartridge - N.C.	16 7 3	232-27	Stem - Valve	23 47 2
94-3055	Cap - Lower, Joystick	12 63 1	232-35	Stem - Valve	53 21 2
94-3056	Snap Ring - Joystick	12 64 1	233-17	Knob - Parking Brake	3 9 1
94-3057	Spring - Compression	12 65 1	233-42	Knob	5 19 1
94-3058	Cap - Upper, Joystick	12 66 1	233-42	Knob - Throttle	6 35 1
94-3510	Asm. - Fuel Tank	21 23 1	237-21	Seal - O-Ring	17 2 7
94-3533	Asm. - Cover	41 5 1	237-21	Seal - O-Ring	18 2 7
94-3558	Asm. - Engine	34 22 1	237-21	Seal - O-Ring	19 4 5
94-4582	Decal - HOC Selector	12 50 1	237-21	Seal - O-Ring	56 5 8
94-4911	Asm. - Hose, Press. #2 & 3	19 8 2	237-21	Seal - O-Ring	15 18 4
94-4912	Asm. - Hose, Press. #2 & 3	19 14 2	237-21	Seal - O-Ring	58 18 4
94-4913	Asm. - Hose, Pressure #2	15 24 1	237-21	Seal - O-Ring	53 33 2
94-4913	Asm. - Hose, Pressure #2	19 27 1	237-22	Seal - O-Ring	15 1 1
94-4914	Asm. - Hose, Pressure #3	19 10 1	237-22	Seal - O-Ring	22 12 2
94-4914	Asm. - Hose, Pressure #3	15 27 1	237-22	Seal - O-Ring	17 14 2
94-4915	Asm. - Hose, Drain #2 & 3	19 9 2	237-22	Seal - O-Ring	3 14 5
94-4916	Asm. - Hose, Drain Return	19 26 1	237-22	Seal - O-Ring	29 15 1
94-4916	Asm. - Hose, Drain Return	14 48 1	237-22	Seal - O-Ring	14 23 6
94-4917	Asm. - Tube, Drain #2 & 3	19 24 1	237-30	Seal - O-Ring	29 11 2
94-4918	Asm. - Tube, Press. #2 & 3	19 23 2	237-30	Seal - O-Ring	16 12 1
94-4919	Bracket - Clamp, Hose	59 59 1	237-30	Seal - O-Ring	15 13 7
94-4920	Plate - Mounting, Valve	18 16 1	237-30	Seal - O-Ring	19 19 10
94-4923	Bracket - Air Cleaner	50 25 1	237-42	O-Ring	14 49 1
94-4934	Decal - HOC Selector	12 50 1	237-42	Seal - O-Ring	16 5 2
94-5438	Seal - Solenoid	16 23 12	237-42	Seal - O-Ring	17 16 2
94-5442	Asm. - Hose, Drain #5	17 1 1	237-42	Seal - O-Ring	14 25 4
94-5442	Asm. - Hose, Drain #5	19 5 1	237-65	Seal - O-Ring	14 10 5
94-5443	Asm. - Hose, Press. #1 & 5	19 1 1	237-65	Seal - O-Ring	15 22 1
94-5444	Asm. - Hose, Pressure # 5	15 4 1	237-65	Seal - O-Ring	31 47 2
94-5444	Asm. - Hose, Pressure #5	19 6 1	237-78	Seal - O-Ring	16 1 12
94-5445	Asm. - Hose, Drain #4	19 16 1	237-78	Seal - O-Ring	19 2 5
94-5445	Asm. - Hose, Drain #4	17 24 1	237-78	Seal - O-Ring	56 3 6
94-5446	Asm. - Hose, Press. #1 & 4	19 15 2	237-78	Seal - O-Ring	17 4 7
94-5447	Asm. - Hose, Pressure #4	19 17 1	237-78	Seal - O-Ring	18 4 8
94-5447	Asm. - Hose, Pressure #4	15 37 1	237-78	Seal - O-Ring	15 7 6
94-5448	Asm. - Hose, Drain #1	19 20 1	237-78	Seal - O-Ring	22 16 1
94-5448	Asm. - Hose, Drain #1	17 25 1	237-78	Seal - O-Ring	58 17 4
94-5594	Asm. - Lift Arm Rear L.H.	59 47 1	237-78	Seal - O-Ring	53 31 2
94-5596	Asm. - Lift Arm Rear R.H.	58 23 1	237-79	Seal - O-Ring	15 9 6
94-5598	Asm. - Lift Arm, R.H.	56 1 1	237-79	Seal - O-Ring	16 10 1
94-5800	Asm. - Lift Arm, L.H.	56 32 1	237-79	Seal - O-Ring	22 10 2
94-5802	Asm. - Lift Arm, Center	56 40 1	237-79	Seal - O-Ring	29 17 3
94-5808	Asm. - Carrier Frame	57 44 1	237-79	Seal - O-Ring	19 18 10
94-5811	Asm. - Frame	2 32 1	237-79	Seal - O-Ring	14 45 1
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94-6753	Asm. - Lift Control (Europe)	12 37 1	237-81	Seal - O-Ring	14 12 4
94-6763	Asm. - Main Wire Harness	12 56 1	237-81	Seal - O-Ring	15 26 1
94-6766	Decal - Fuses	11 27 1	237-81	Seal - O-Ring	22 26 2
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94-6768	Decal - Fuses (Japan)	11 27 1	237-156	Seal - O-Ring	16 16 2
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94-6935	Nut - Pivot	26 18 8	237-163	Seal - O-Ring	29 9 1
94-6936	Washer	26 23 8	237-165	Grommet	54 46 2
94-6937	Asm. - Differential	25 * 1	237-181	Seal - O-Ring	22 3 1
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94-8103	Boot - Lift Control	12 40 1	240-5	Grommet - Rubber	19 28 4
94-8104	Switch - Micro	12 38 2	240-11	Grommet	21 28 3
94-8166	O-Ring	14 7 1	240-11	Grommet	14 39 3
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217-121	Rim	53 20 2	242-34	Stud - Flange, Axle	26 11 10
218-446	Nut - Locking	11 10 1	242-50	Nut - Lug	53 26 10
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2412-93	Clamp - R	14 32 2	322-5	Screw - Cap Hex. Hd.	12 54 1
2412-93	Clamp - R	7 50 1	322-5	Screw - HH	18 17 2
2412-93	Clamp - R	59 48 2	322-6	Screw - Cap Hex.	59 46 4
2412-103	Clamp - R	31 25 2	322-6	Screw - Cap Hex. Hd.	8 30 1
2412-107	R-Clamp	2 53 1	322-7	Screw - Cap Hex. Hd.	28 10 1
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2412-108	Clamp - Hose	21 12 11	322-10	Screw - Cap Hex. Hd.	28 3 1
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2412-129	Clamp - Hose	22 24 2	322-12	Screw - Cap Hex. Hd.	33 23 2
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251-318	Bearing - Ball	34 7 2	322-13	Screw - HH	59 42 1
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321-4	Screw - Cap Hex. Hd.	35 50 1	3220-6	Nut	4 27 1
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322-2	Screw - Cap Hex. Hd.	31 40 2	3253-3	Washer - Lock	6 32 1
322-2	Screw - Cap Hex. Hd.	35 51 4	3253-3	Washer - Lock	23 50 1
322-3	Screw - Cap Hex. Hd.	6 13 13	3253-4	Washer - Lock	3 2 2
322-3	Screw - Cap Hex. Hd.	34 14 4	3253-4	Washer - Lock	58 10 2
322-3	Screw - Cap Hex. Hd.	28 18 2	3253-4	Washer - Lock	6 12 4
322-3	Screw - Cap Hex. Hd.	5 25 8	3253-4	Washer - Lock	1 17 4
322-3	Screw - Cap Hex. Hd.	1 27 4	3253-4	Washer - Lock	28 17 2
322-3	Screw - Cap Hex. Hd.	15 28 4	3253-4	Washer - Lock	15 29 4
322-3	Screw - Cap Hex. Hd.	11 35 2	3253-4	Washer - Lock	35 49 4
322-4	Screw - Cap Hex. Hd.	33 12 1	3253-4	Washer - Lock	32 53 4
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3253-21	Washer - Lock	14 42 2	3296-29	Nut - Lock	58 7 11
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3255-8	Washer - Lock	34 18 2	3296-29	Nut - Lock	5 23 8
3255-8	Washer - Lock ETLW	3 31 1	3296-29	Nut - Lock	50 26 6
3255-8	Washer - Lock	24 2 8	3296-29	Nut - Lock	31 27 2
3255-9	Washer - Lock E.T.L.W.	34 30 1	3296-29	Nut - Lock	6 39 10
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3256-1	Washer - Flat	3 29 2	3296-39	Nut - Lock	53 5 2
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3256-3	Washer - Flat	11 34 3	3296-39	Nut - Lock	22 30 2
3256-5	Washer - Flat	8 4 1	3296-39	Nut - Lock	58 35 6
3256-6	Washer - Flat	58 33 4	3296-39	Nut - Lock	5 38 1
3256-6	Washer - Flat	57 57 6	3296-39	Nut - Lock	57 52 2
3256-22	Washer - Flat	36 3 8	3296-42	Nut - Lock	21 3 2
3256-22	Washer - Flat	21 4 2	3296-42	Nut - Lock	36 5 4
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3256-22	Washer - Flat	3 11 4	3296-42	Nut - Lock	31 11 7
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3256-23	Washer - Flat	6 11 8	3296-42	Nut - Lock	3 30 2
3256-23	Washer - Flat	3 15 6	3296-42	Nut - Lock	34 47 1
3256-23	Washer - Flat	1 16 6	3296-44	Nut - Lock	8 22 1
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3256-24	Washer - Flat	5 4 1	3296-56	Nut - Lock	23 53 2
3256-24	Washer - Flat	6 16 3	3296-59	Nut - Lock	5 22 1
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3256-26	Washer - Flat	3 22 1	32108-9	Screw - Machine	23 54 1
3256-26	Washer - Flat	8 24 2	32120-74	Ring - Retaining	27 53 1
3256-40	Washer - Flat	35 62 4	32120-93	Ring - Retaining	58 20 4
3256-46	Washer - Flat	8 20 1	32120-93	Ring - Retaining	56 29 6
3256-69	Washer - Thrust	5 31 3	32121-2	Pin - Roll	34 2 2
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3272-10	Pin - Cotter	6 17 2	32128-33	Nut - Flange Head	2 52 3
3272-10	Pin - Cotter	3 21 1	32128-33	Nut - Lock, Flange	18 10 4
3272-10	Pin - Cotter	5 40 4	32128-33	Nut - Lock, Flange	50 14 2
3272-13	Pin - Cotter	53 25 2	32128-33	Nut - Lock, Flange	21 36 2
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3290-378	Tie - Cable	59 49 3	32144-21	Screw	3 6 1
3290-378	Tie - Cable	57 68 5	32144-22	Screw - Cap Hex. Hd.	28 13 4
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32151-61	Ring — Retaining	58 12 4	353-922	Seal — Ring	30 6 6
32151-62	Ring — Retaining	22 33 1	353-989	Plug	16 6 2
32151-77	Ring — Retaining	53 40 1	353-990	Plug	16 2 11
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32152-10	Nut	61 3 1	354-5	Coupling	30 14 2
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340-3	Fitting — Hydraulic Straight	29 16 1	354-36	Cap — Adjuster Valve	30 30 1
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340-132	Fitting — Hydraulic 90°	18 8 1	354-72	Fitting — Hydraulic 45°	22 36 1
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340-139	Fitting — Hydraulic 90°	14 35 1	354-74	Fitting — Hydraulic Plug	14 16 1
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340-143	Fitting — Hydraulic 90°	18 11 1	354-77	Fitting — Hydraulic, Test Port	22 17 1
340-143	Fitting — Hydraulic 90°	16 18 1	354-77	Fitting — Test Port	15 11 2
340-143	Fitting — Hydraulic 90°	57 70 1	354-79	Cap — Test Port	15 12 2
340-143	Fitting — Hydraulic 90°	15 32 1	354-79	Cap — Test Port	22 18 1

*Not Illustrated

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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.