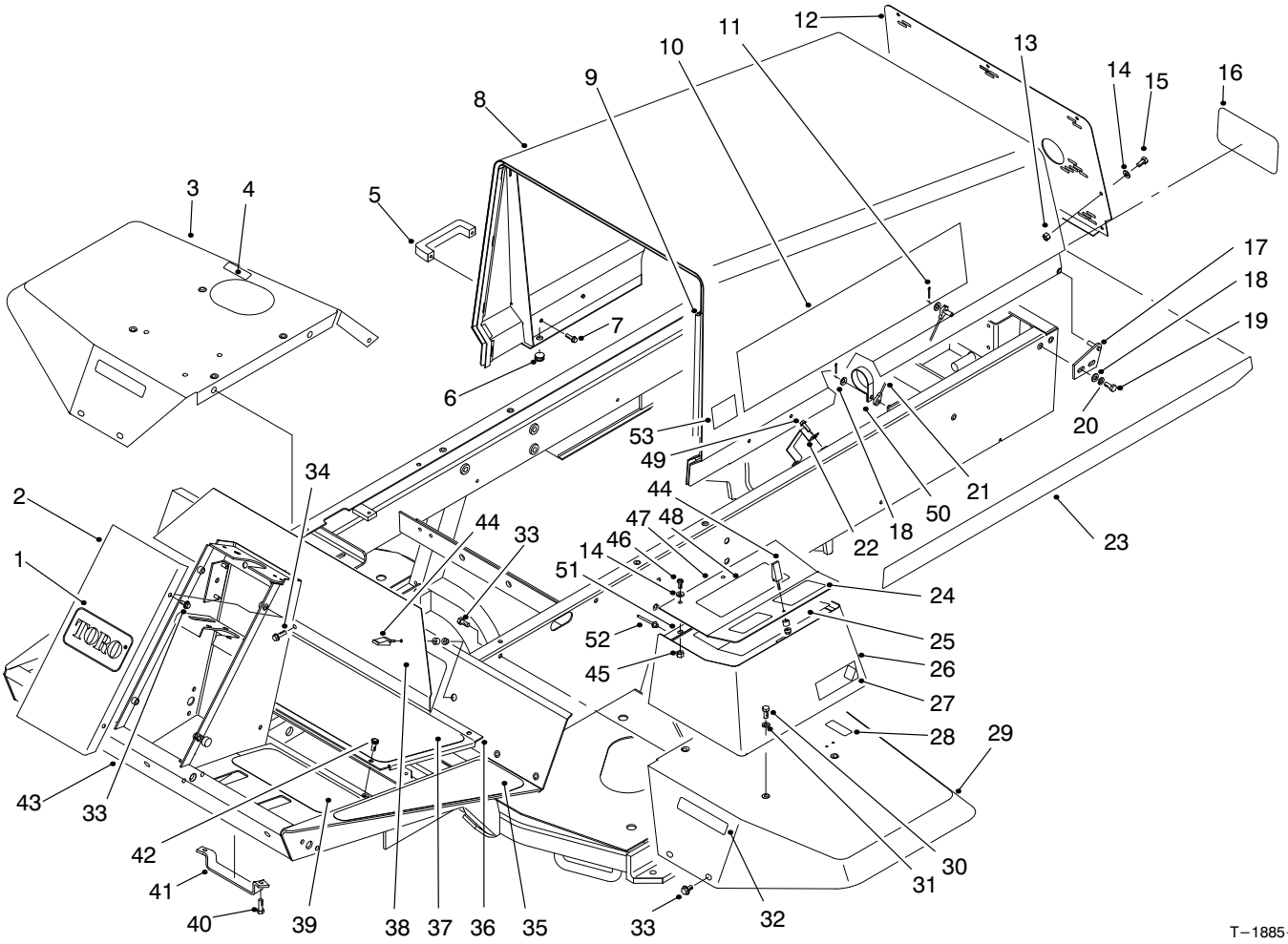
FORM NO. 3319−155 REV B

TORO®

MODEL NO. 03530−70001 & UP
MODEL NO. 03530TE−70001 & UP

PARTS CATALOG

REELMASTER® 5300D 2WD
TRACTION UNIT



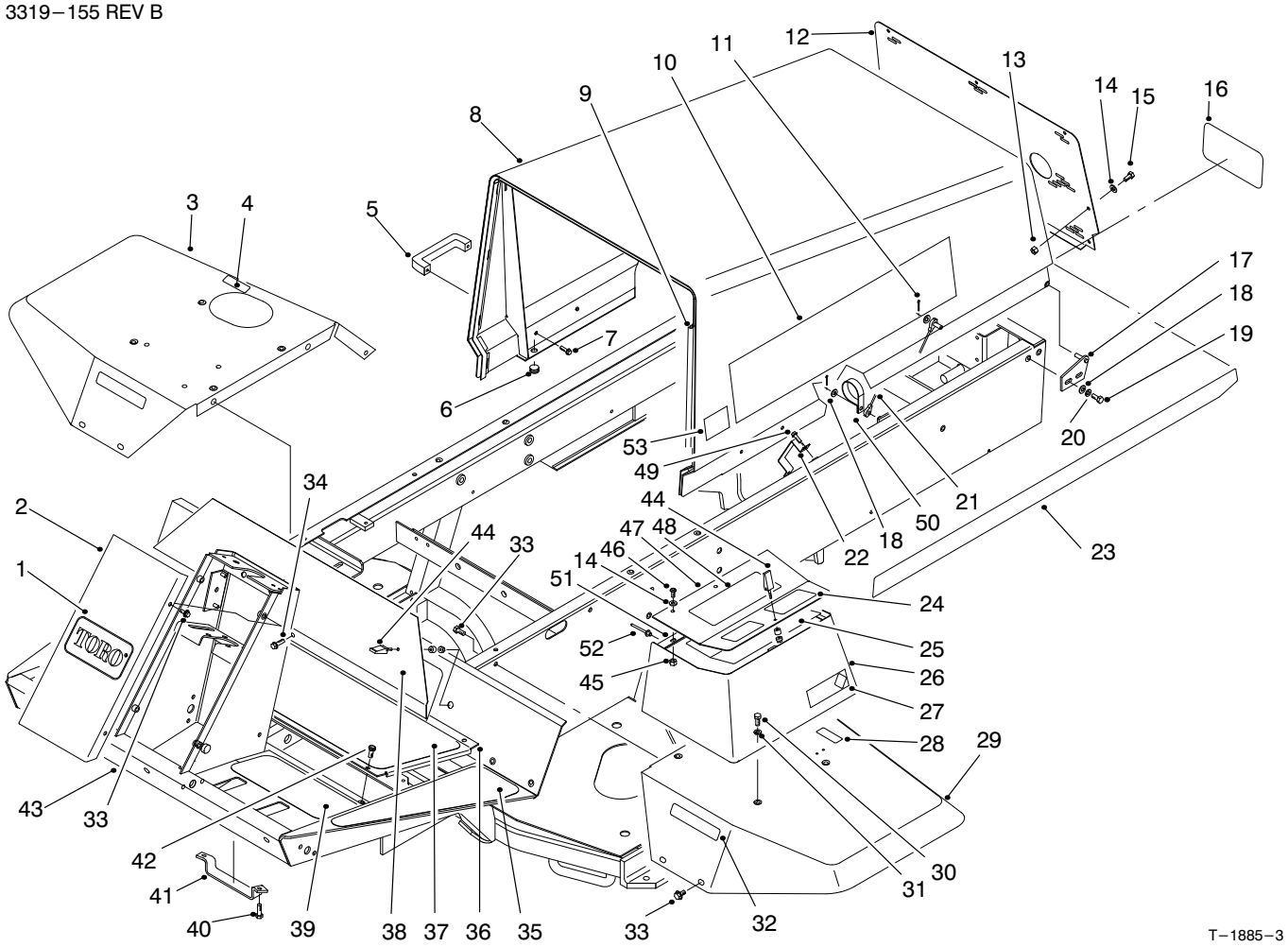
T−1885−3

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 − Oil	1
4	93−6686	Decal − Oil (Europe)	1
4	88−1980	Decal − Oil (Japan)	1
5	65−5100	Handle	2
6	237−141	Bumper	2
7	46−8091	Screw − Cap Hex. Hd.	4
8	93−0000	Hood	1
9	93−0081	Strip − Seal	1
10	92−5549	Decal − Reelmaster® 5300D	2
11	3272−4	Pin − Cotter	2
12	93−0011	Grill − Hood	1
13	3296−42	Nut − Lock	7
14	3256−1	Washer − Flat	10
15	321−39	Screw − Cap Hex. Hd.	7
16	62−7400	Decal − TORO	1
17	63−6900	Hinge − Hood L.H.	1
*	63−6890	Hinge − Hood R.H.	1
18	3256−23	Washer − Flat	6
19	322−5	Screw − Cap Hex. Hd.	4
20	3253−4	Washer − Lock	4
21	75−0570	Cable − Hood	1
22	75−6280	Bracket − Hose	1
23	92−5751	Decal − Hood Trim L.H.	1
*	92−5752	Decal − Hood Trim R.H.	1
24	75−1280	Decal − Warning	1
24	93−6698	Decal − Warning (Europe)	1
24	84−3340	Decal − Warning (Japan)	1
25	93−3601	Decal − Service	1
25	93−8094	Decal − Service (Spanish)	1
25	93−8096	Decal − Service (French)	1
25	93−8095	Decal − Service (German)	1

* Not Illustrated

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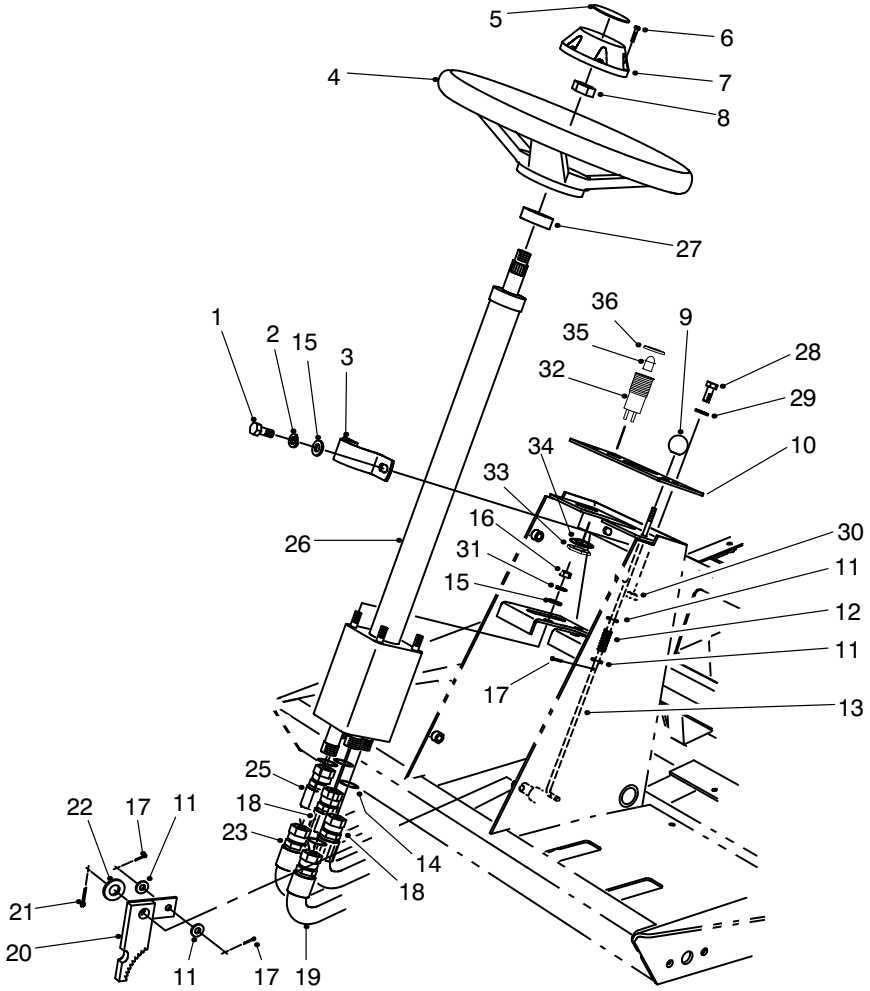


FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
25	93−8097	Decal − Service (Swedish)	1
25	93−8093	Decal − Service (Italian)	1
25	93−8098	Decal − Service (Portuguese)	1
25	93−8099	Decal − Service (Norwegian)	1
25	93−7154	Decal − Service (Finnish)	1
25	93−8091	Decal − Service (Danish)	1
25	93−8092	Decal − Service (Dutch)	1
25	92−1116	Decal − Service (Japan)	1
26	75−5810	Tool Box	1
27	93−0096	Decal − A.C.E.	2
28	52−1320	Decal − Fuel	1
28	93−6680	Decal − Fuel (Europe)	1
28	84−2860	Decal − Fuel (Japan)	1
29	75−3860	Fender − L.H.	1
30	322−3	Screw − Cap Hex. Hd.	4
31	3256−3	Washer − Flat	4
32	75−5190	Decal − No Riders	2
32	93−6689	Decal − No Riders (Europe)	2
32	84−3420	Decal − No Riders (Japan)	2
33	3234−14	Screw − Hex. Washer Hd.	14
34	3234−5	Screw − HHF	1
35	75−0650	Tread − Footrest L.H.	1
*	75−0640	Tread − Footrest R.H.	1

Ref. No.	Part No.	Description	No. Used
36	75−1410	Panel − Floor	1
37	75−0630	Tread − Foot Center	1
38	75−1390	Panel − Access	1
39	75−0620	Tread − Foot L.H.	1
*	75−0610	Tread − Foot R.H.	1
40	322−4	Screw − Cap Hex. Hd.	2
41	93−3626	Bracket − Hose	1
42	75−6840	Knob − Knurled	4
42	3234−7	Screw − Cap Flange Hd. (Europe)	1
43	94−5811	Assembly − Frame	1
44	74−5950	Assembly − Swell Latch	3
45	32128−33	Nut − Flange Head	3
46	3258−166	Screw − Phillips Hd.	3
47	75−6260	Cover − Tool Box	1
48	93−3639	Decal − Warning	1
48	93−8051	Decal − Warning (Europe)	1
48	84−3660	Decal − Warning (Japan)	1
49	49−2040	Screw − Hex. Washer Hd.	2
50	2412−107	R−Clamp	1
51	75−5780	Hinge − Cover	1
52	93−8744	Rivet	3
53	93−7252	Decal − CE (Europe)	1

*Not Illustrated



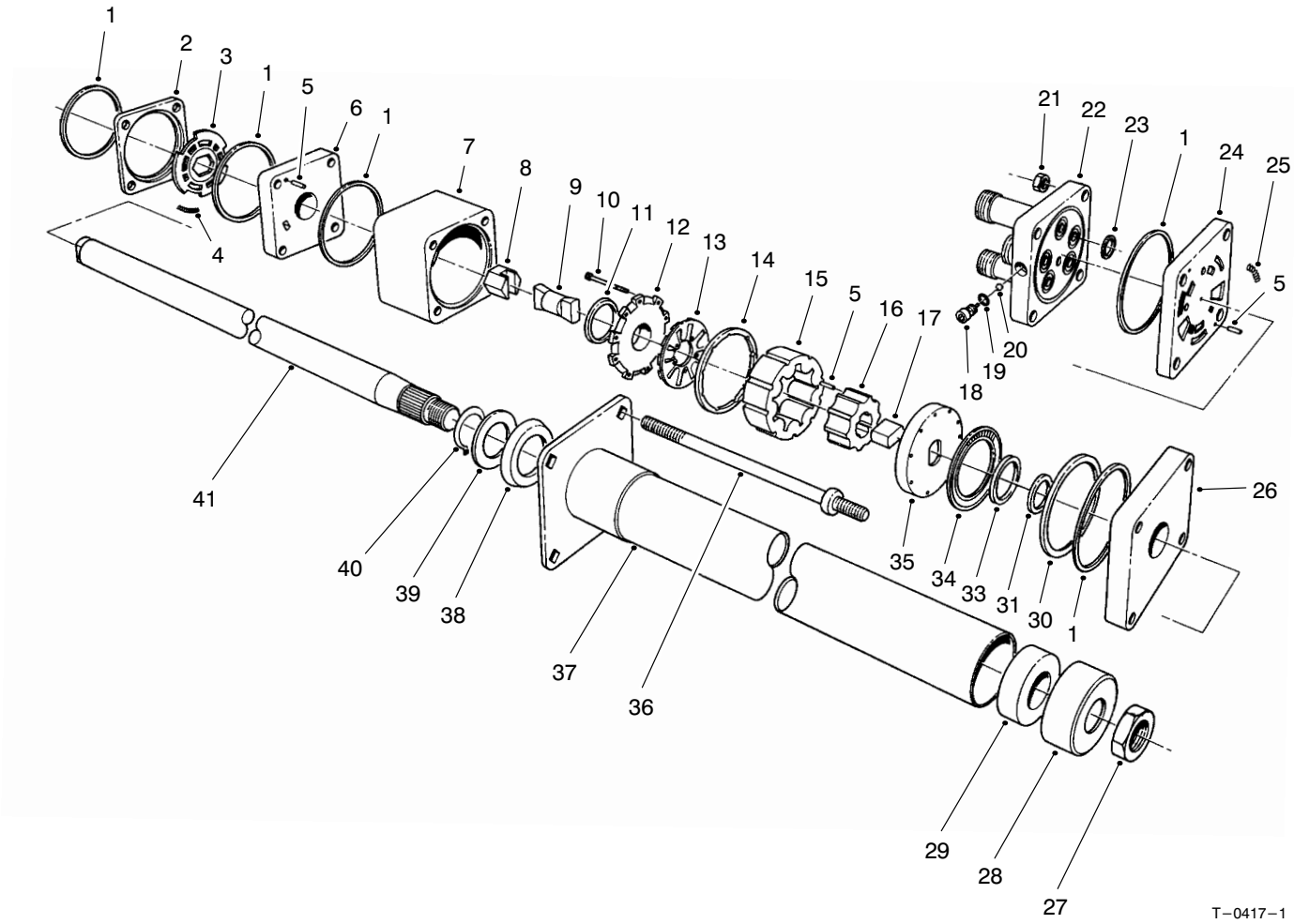
T−1044−2

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32144−26	Screw − Self−Tapping	2
2	3253−4	Washer − Lock	2
3	75−2810	Clamp − Steering Valve	1
4	75−0560	Assembly − 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	1
10	93−6682	Panel − Tower (Europe)	1
11	3256−22	Washer − Flat	4
12	95−1821	Spring − Compression	1
13	75−1490	Rod − Parking Brake	1
14	237−22	O−Ring	5
15	3255−8	Washer − Lock ETLW	1
16	3296−20	Nut − Lock	4
17	3272−5	Pin − Cotter	3
18	75−6230	Hose − Hydraulic RT	2
19	75−6240	Hose − Hydraulic IN	1

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

*Not Illustrated

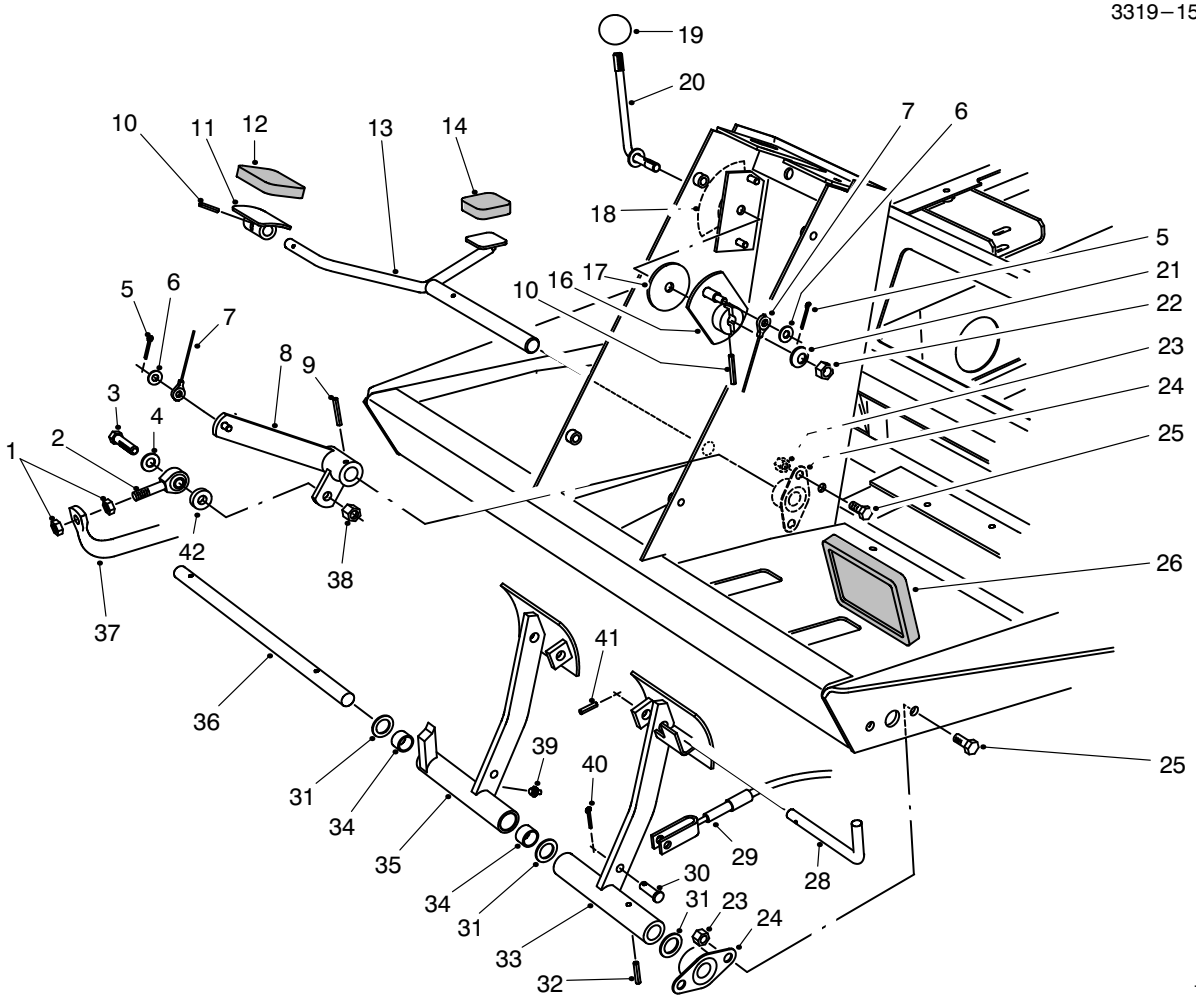


STEERING VALVE ASSEMBLY No. 75−0600

Ref. No.	Part No.	Description	No. Used
1		Ring − Seal	5
2		Ring − Valve	1
3		Plate − Valve	1
4		Spring	3
5		Pin − Alignment	9
6		Manifold − Isolation	1
7		Ring − Metering	1
8		Hex Drive Asm.	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

Ref. No.	Part No.	Description	No. Used
26		Plate − Cover, Upper	1
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
*	75−1340	Valve − Power Steering (Incl. Ref. #1−26 & 30−36)	1

*Not Illustrated

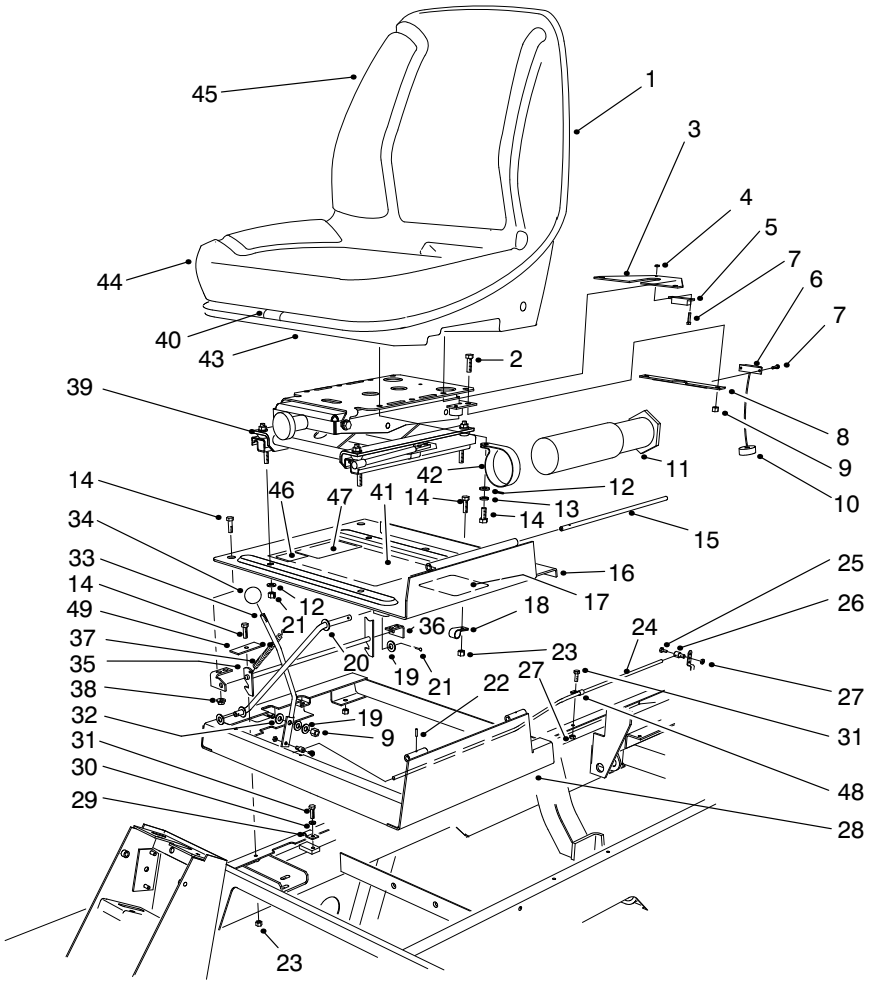


TRACTION & BRAKE PEDALS ASSEMBLY

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	Assembly − 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

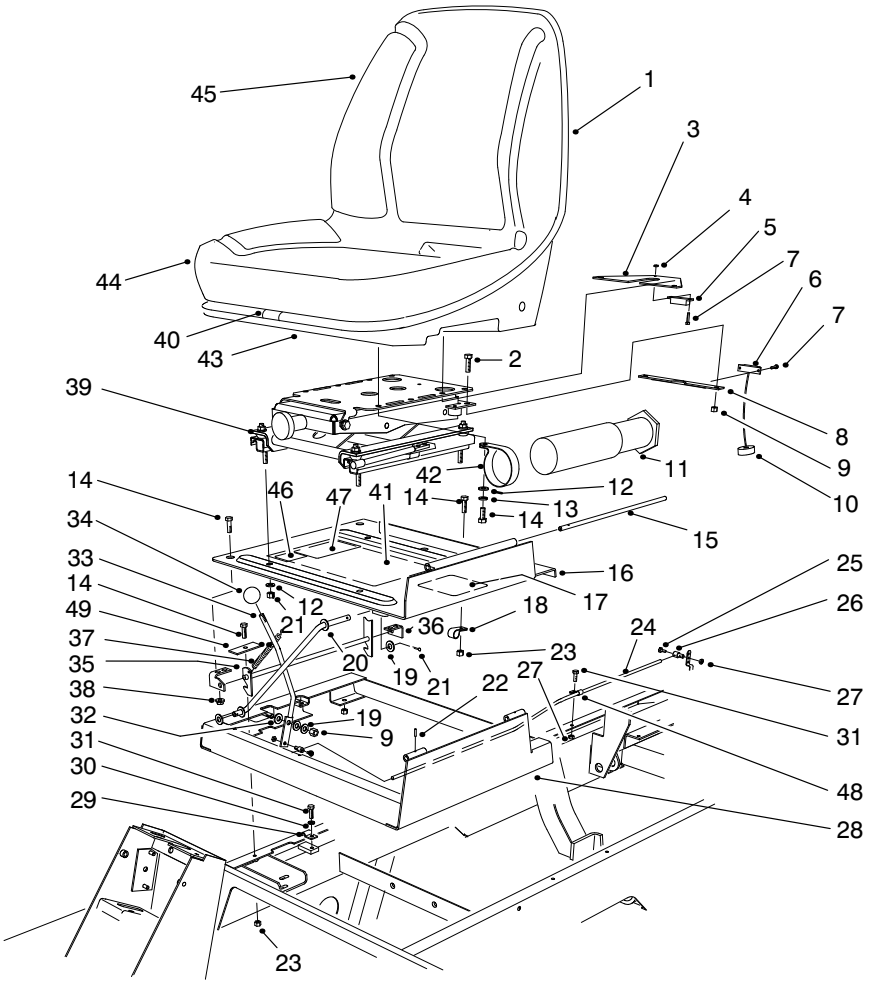
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SEAT & THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	351−78	Edging	1
2	323−4	Screw − Cap Hex. Hd.	2
3	75−4370	Bracket − Switch (Seat)	1
4	3296−54	Nut − Lock	4
5	92−8753	Magnet − Reed Switch	1
6	92−8001	Sensor − Reed Switch	1
7	3250−29	Screw − Cap Hex. Hd.	4
8	75−4360	Bracket − Switch	1
9	3296−39	Nut − Lock	3
10	93−0140	Grommet	1
11	74−0720	Tube − Manual	1
12	3256−23	Washer − Flat	8
13	3253−4	Washer − Lock	4
14	322−3	Screw − Cap Hex. Hd.	13
15	75−3400	Shaft − Seat Pivot	1
16	98−2350	Assembly − Seat Plate (Incl. Ref. #10)	1
17	85−4530	Decal − Danger	1
17	93−8060	Decal − Danger (Europe)	1
17	92−1108	Decal − Danger (Japan)	1
18	2412−93	Clamp − R	1
19	3256−24	Washer − Flat	3
20	75−3680	Rod − Seat	1
21	3272−10	Pin − Cotter	2
22	32121−38	Pin − Roll	1

Ref. No.	Part No.	Description	No. Used
23	3296−29	Nut − Lock	10
24	93−0073	Cable − Throttle	1
25	25−8640	Screw − Hex. Head	2
26	93−0021	Asm. − Throttle Cable Swivel	2
27	3296−3	Nut − Lock	3
28	98−2352	Frame − Seat	1
29	3−6657	Clamp − Cable	1
30	3253−3	Washer − Lock	1
31	321−4	Screw − Cap Hex. Hd.	2
32	66−2920	Washer − Friction	2
33	75−3430	Rod − Throttle	1
34	233−42	Knob − Throttle	1
35	98−2354	Latch − Seat	1
36	98−2353	Bracket − Seat Latch	2
37	66−4190	Spring	1
38	32128−25	Nut − Flange	4
39	75−3000	Asm. − Seat Suspension	1
40	351−80	Clip	1
41	85−4610	Decal − Clip	1
41	92−1128	Decal − Clip (Spanish)	1
41	92−1130	Decal − Clip (French)	1
41	92−1129	Decal − Clip (German)	1
41	92−1131	Decal − Clip (Swedish)	1
41	92−1127	Decal − Clip (Italian)	1
41	93−8057	Decal − Clip (Portuguese)	1

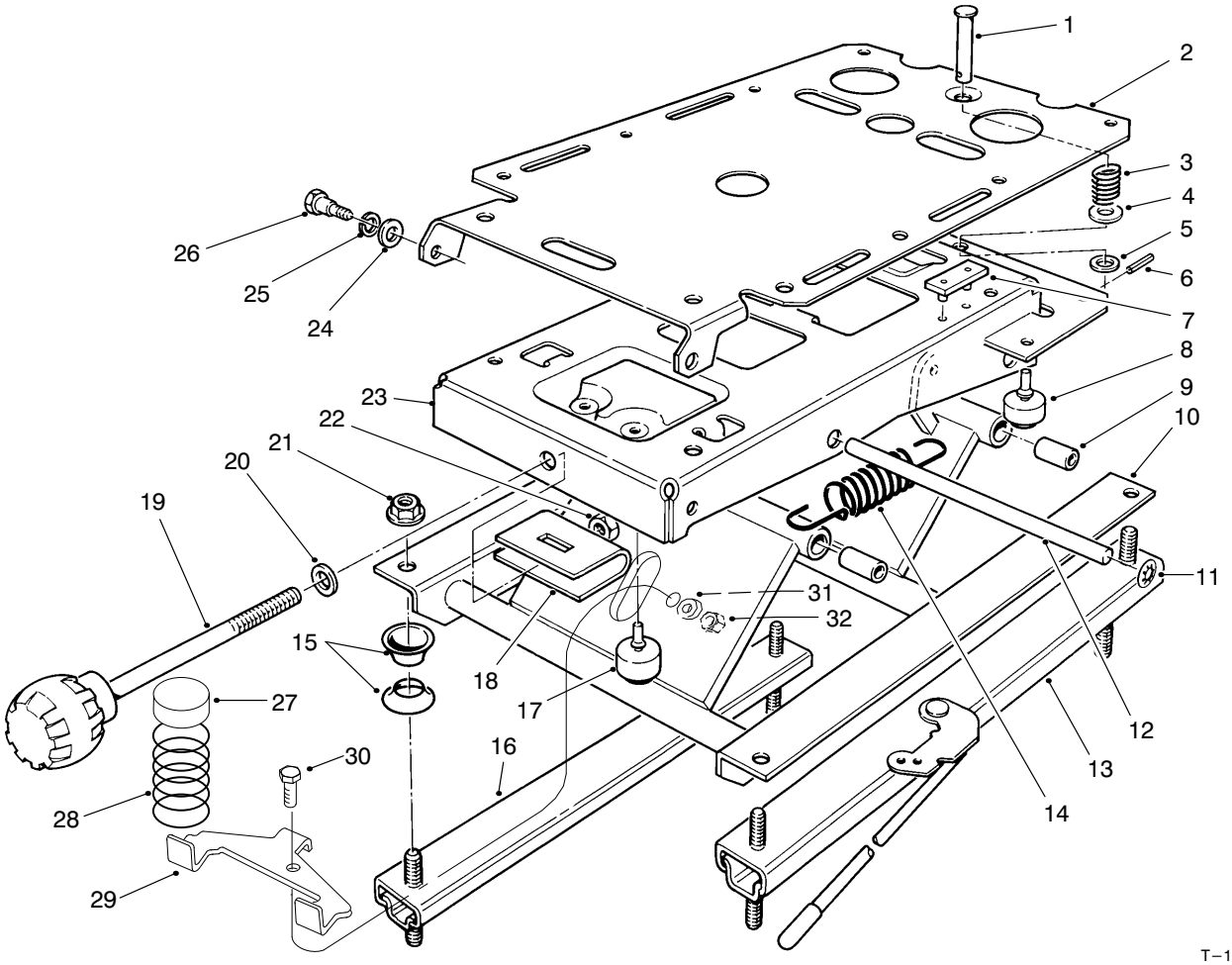


T−1891−4

SEAT & THROTTLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
41	93−8058	Decal − Clip (Norwegian)	1
41	93−8059	Decal − Clip (Finnish)	1
41	92−1125	Decal − Clip (Danish)	1
41	92−1126	Decal − Clip (Dutch)	1
41	92−1124	Decal − Clip (Japan)	1
42	2412−133	Clamp − R	2
43	92−6534	Shell − Seat	1

Ref. No.	Part No.	Description	No. Used
44	92−6533	Kit − Cushion, Replacement	1
45	92−1180	Assembly − Seat	1
46	63−9920	Decal − EEC 105	1
47	92−5524	Decal − Noise Rating, 90	1
48	2412−72	R−Clamp	1
49	93−3641	Plate − Idler Stop	1

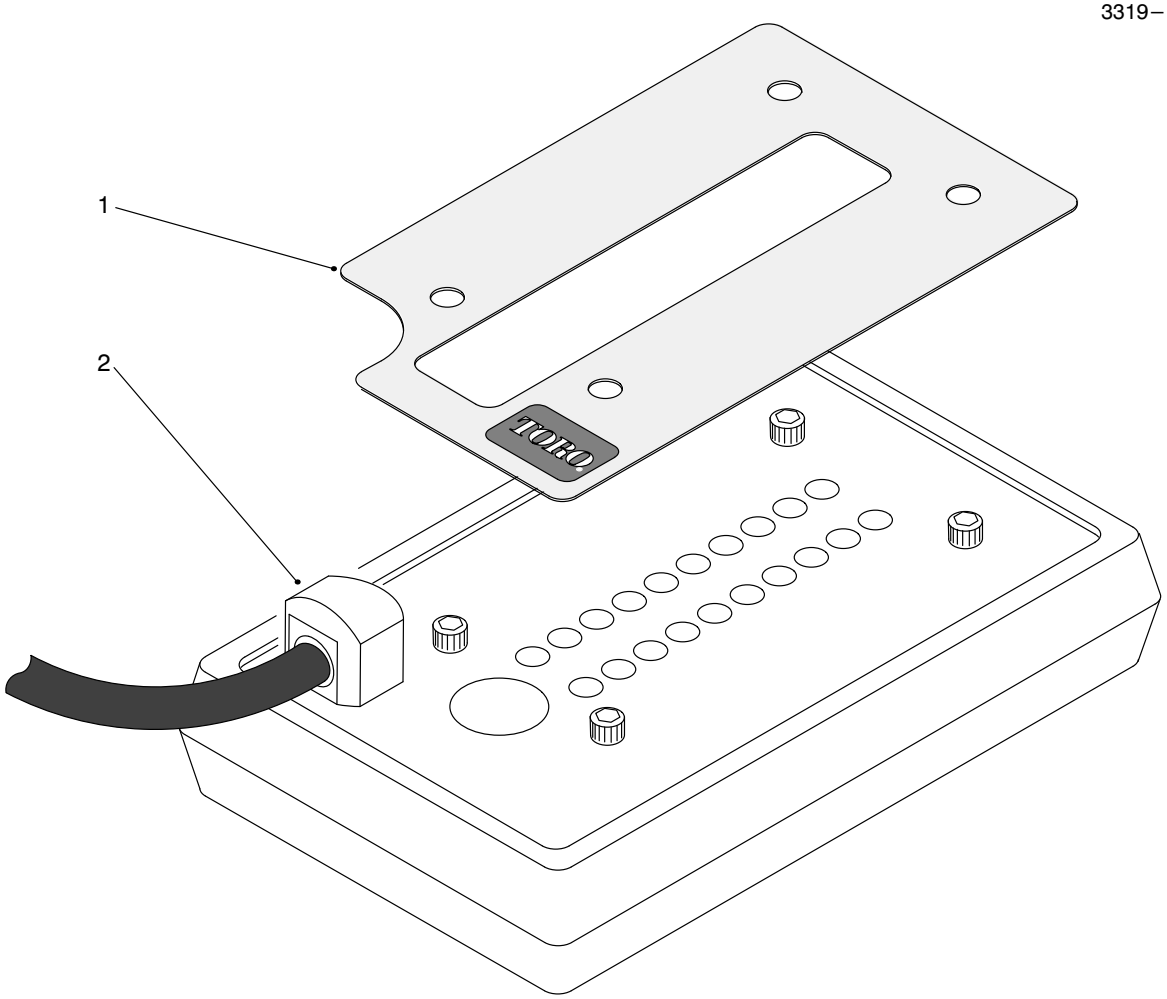


T−1031−1

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	2
29	93−3165	Bracket	1
30	322−6	Screw − Cap Hex Head	1
31	3253−33	Washer − Lock	1
32	3217−6	Nut − Hex	1



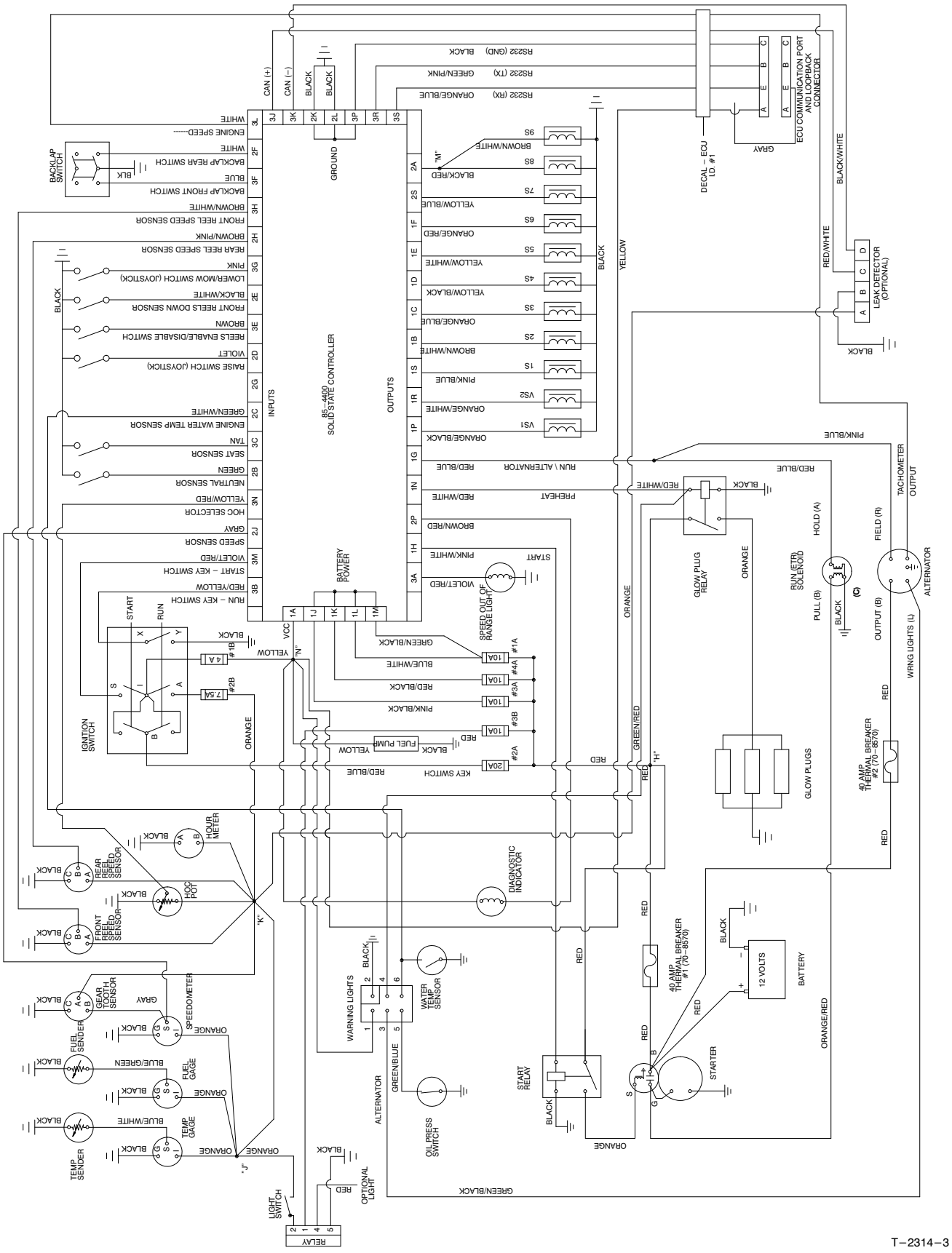
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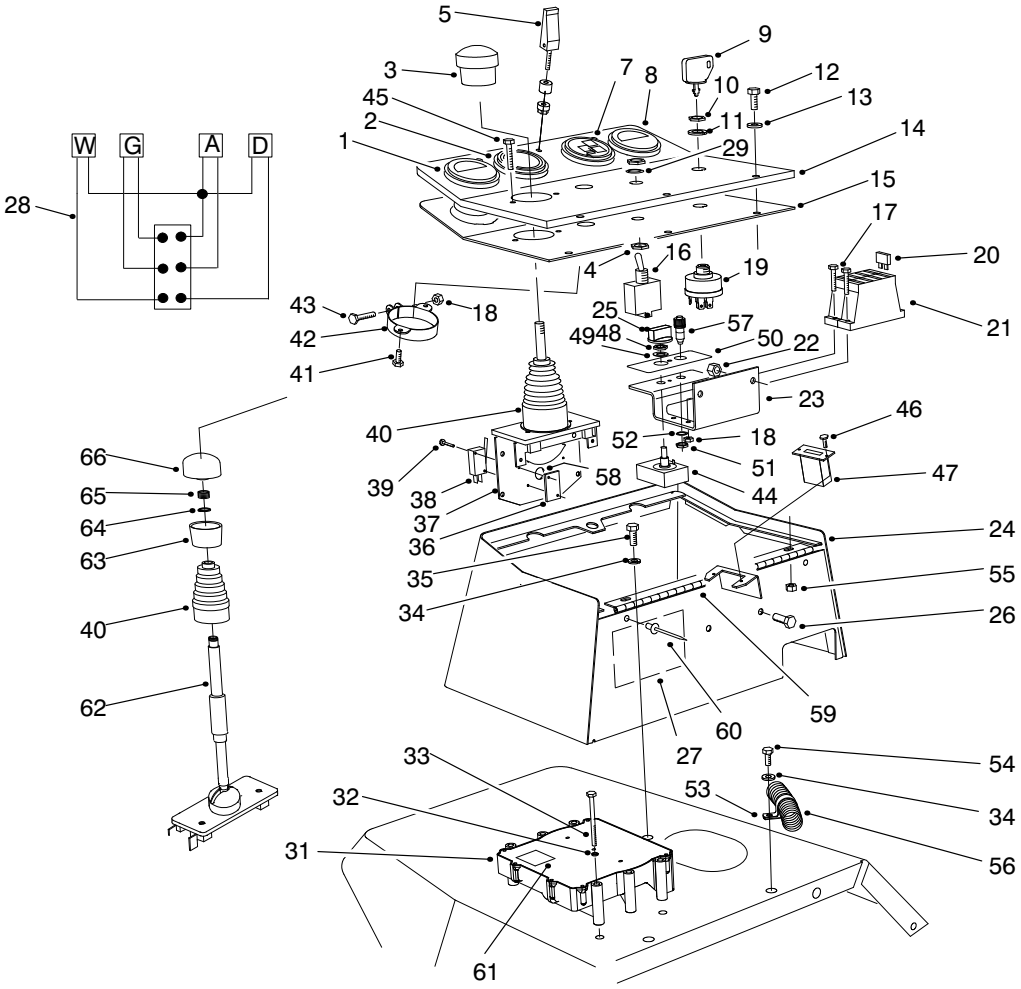
DIAGNOSTIC−ACE DISPLAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85−4760	Decal − Diagnostic−ACE RM 5300D V 1.0	1
1	93−8081	Decal − Diag. (Spanish)	1
1	93−8083	Decal − Diag. (French)	1
1	93−8082	Decal − Diag. (German)	1
1	93−8084	Decal − Diag. (Swedish)	1
1	93−8080	Decal − Diag. (Italian)	1
1	93−8085	Decal − Diag. (Portuguese)	1
1	93−8086	Decal − Diag. (Norwegian)	1
1	93−8087	Decal − Diag. (Finnish)	1
1	93−8078	Decal − Diag. (Danish)	1
1	93−8079	Decal − Diag. (Dutch)	1
1	93−8089	Decal − Diag. (Japan)	1
1	94−5386	Decal − Turf Defender, Diag.	1
1	94−8060	Decal − Turf Defender, Diag. (Danish)	1
1	94−8061	Decal − Turf Defender, Diag. (Dutch)	1
1	94−8062	Decal − Turf Defender, Diag. (Finnish)	1

Ref. No.	Part No.	Description	No. Used
1	94−8063	Decal − Turf Defender, Diag. (French)	1
1	94−8064	Decal − Turf Defender, Diag. (German)	1
1	94−8065	Decal − Turf Defender, Diag. (Italian)	1
1	94−8066	Decal − Turf Defender, Diag. (Japanese)	1
1	94−8067	Decal − Turf Defender, Diag. (Norwegian)	1
1	94−8068	Decal − Turf Defender, Diag. (Portuguese)	1
1	94−8069	Decal − Turf Defender, Diag. (Spanish)	1
1	94−8070	Decal − Turf Defender, Diag. (Swedish)	1
2	85−4750	Display − Diagnostic−ACE	1

ELECTRICAL SCHEMATIC



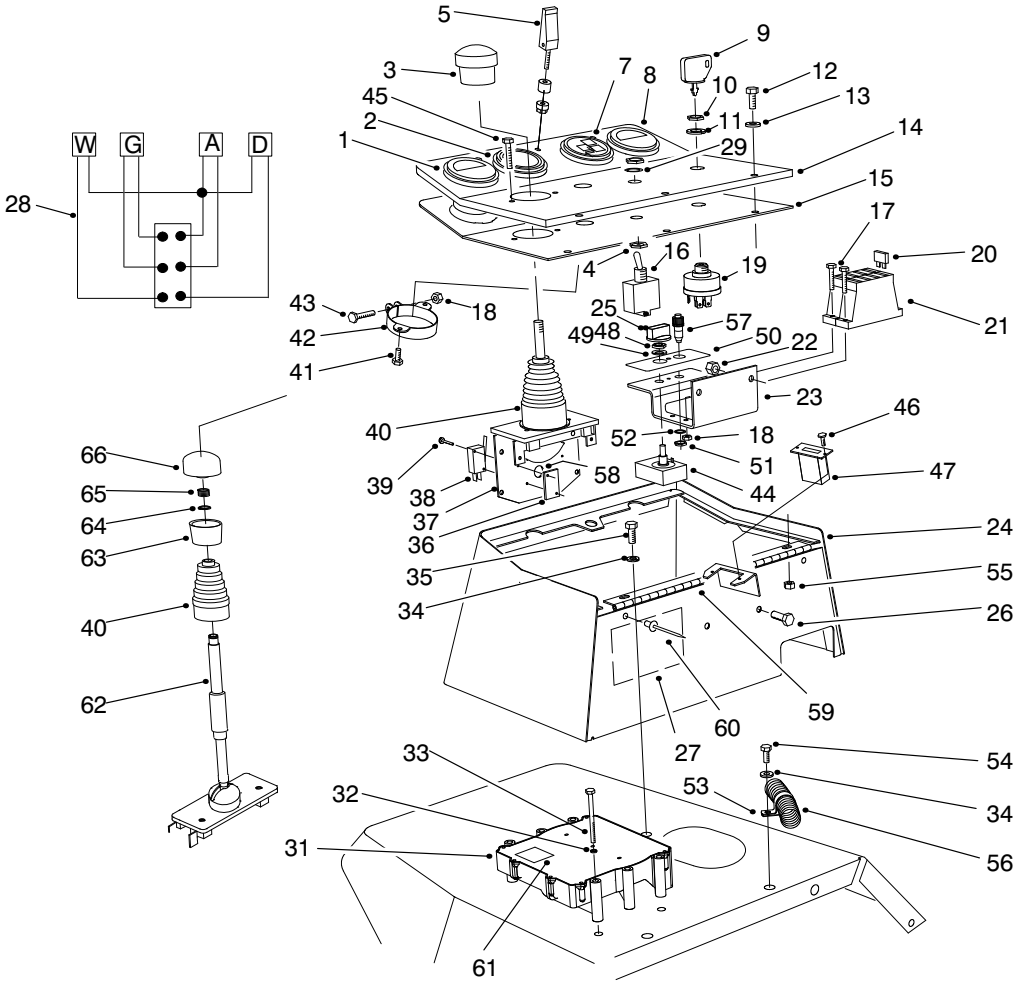


CONTROL CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−8497	Gauge − Fuel	1
2	85−4420	Gauge − Speedometer	1
3	3290−489	Knob − Lift Control	1
4	218−498	Nut − Hex.	2
5	74−5950	Assembly − Swell Latch	
*	218−533	Lens − Red	1
▪		Bulb − #1815	1
7	66−2960	Cluster − Warning	1
8	93−8496	Gauge − Temperature	1
9	63−8360	Key − Ignition	1
10	218−446	Nut − Locking	1
11	218−447	Washer − E.T.L.W.	1
12	3258−166	Screw − Phillips Hd.	5
13	3256−1	Washer − Flat	5
14	93−3140	Panel − Control	1
14	93−6683	Panel − Control (Europe)	1
15	75−6270	Cover − Control Box	1
16	75−1010	Asm. − Switch, Toggle (Incl. Ref. #4, 29 & 71)	1
17	32105−13	Screw − Cap Hex. Hd.	4
18	3296−2	Nut − Lock	5
19	27−2360	Assembly − Ignition Switch (Incl. Ref. #9−11)	1
†20	94−9157	Fuse − 4A	1
†20	218−578	Fuse − 10A	3
†20	218−574	Fuse − 7.5A	1

Ref. No.	Part No.	Description	No. Used
†20	218−594	Fuse − 20A	1
†21	67−7160	Block − Fuse	2
22	3296−42	Nut − Lock	4
23	93−7587	Bracket − Fuse Block	1
24	75−5740	Box − Control	1
25	85−4480	Knob	1
26	321−39	Screw − Cap Hex. Hd.	2
27	94−6766	Decal − Fuses	1
27	94−6767	Decal − Fuses (Europe)	1
27	94−6768	Decal − Fuses (Japan)	1
28	75−4710	Warning Light Harness (Incl. Ref. #51 & 52)	1
*	219−17	Bulb − Light	4
29	218−589	Washer − Lock	1
31	92−5720	Controller − Electronic Note: This part must be programmed by distributor before installation.	1
32	3253−3	Washer − Lock	3
33	321−15	Screw − Cap Hex. Hd.	3
34	3256−3	Washer − Flat	3
35	322−3	Screw − Cap Hex. Hd.	2
36	3290−354	Plate − Nut	2
37	75−3420	Assembly − Lift Control (Incl. Ref. #3, 36 & 38−40)	1

*Not Illustrated †Included in main wire harness assembly.
▪Obtain Locally.

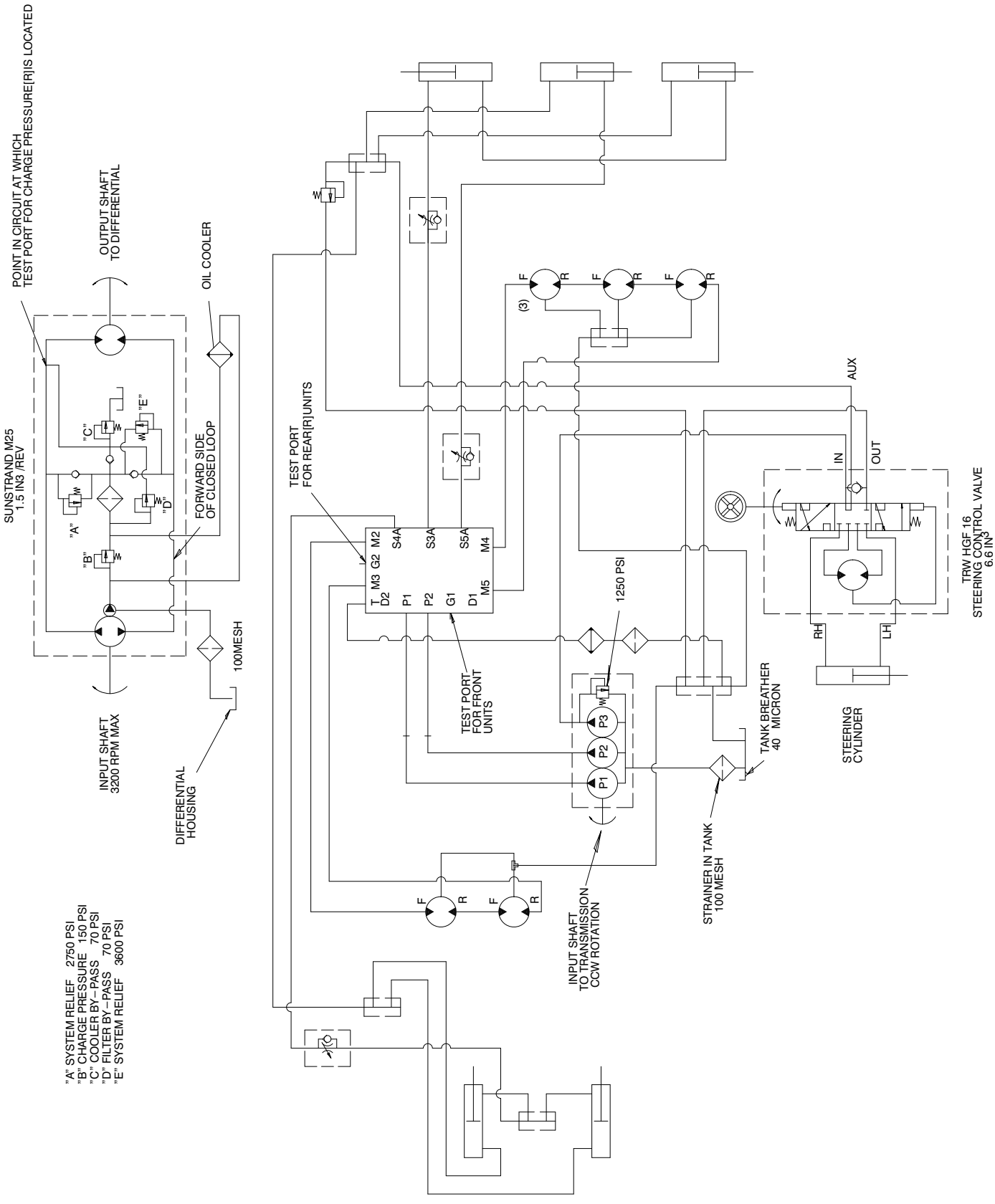


CONTROL CONSOLE ASSEMBLY (Continued)

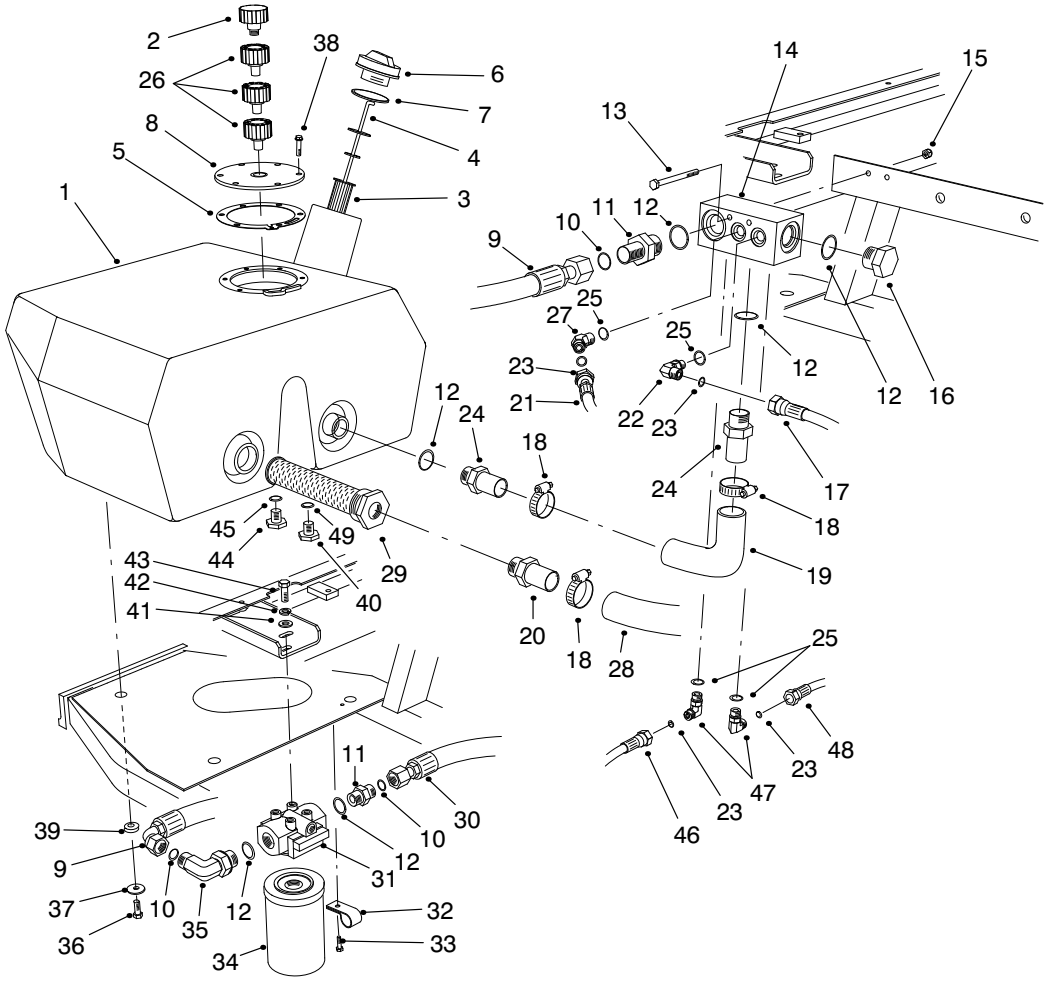
Ref. No.	Part No.	Description	No. Used
37	94−6753	Assembly − Lift Control (Europe) (Incl. Ref. #36 38−40, 53, 62−66)	1
38	94−8104	Switch − Micro	2
39	94−8103	Screw − Cap Hex. Hd.	4
40	3290−488	Boot − Lift Control	1
41	32144−1	Screw − Cap Hex. Hd.	2
42	69−4780	Clamp − Light Cluster	1
43	32105−1	Screw − Cap Hex. Hd.	1
44	85−4470	Assembly − 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	92−1132	Decal − HOC Selector (Japan)	1
51		Nut − Lock	1
52		Washer − Lock	1
53	2412−126	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 − Joystick Return	1
59	75−5780	Hinge − Cover	1
60	93−8744	Rivet	3
61	85−4440	Decal − ECU	1
61	93−8053	Decal − ECU (Europe)	1
62	94−8102	Tube − Interlock (Europe)	1
63	94−3055	Cap − Lower, Joystick (Europe)	1
64	94−3056	Ring − Retaining (Europe)	1
65	94−3057	Spring − Compression (Europe)	1
66	94−3058	Cap − Upper, Joystick (Europe)	1
*70	94−6343	Decal − Wire I.D.	1
*71	3253−19	Washer − Lock	2
*†	70−8570	Breaker − Circuit, 40 Amp	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–1144–3

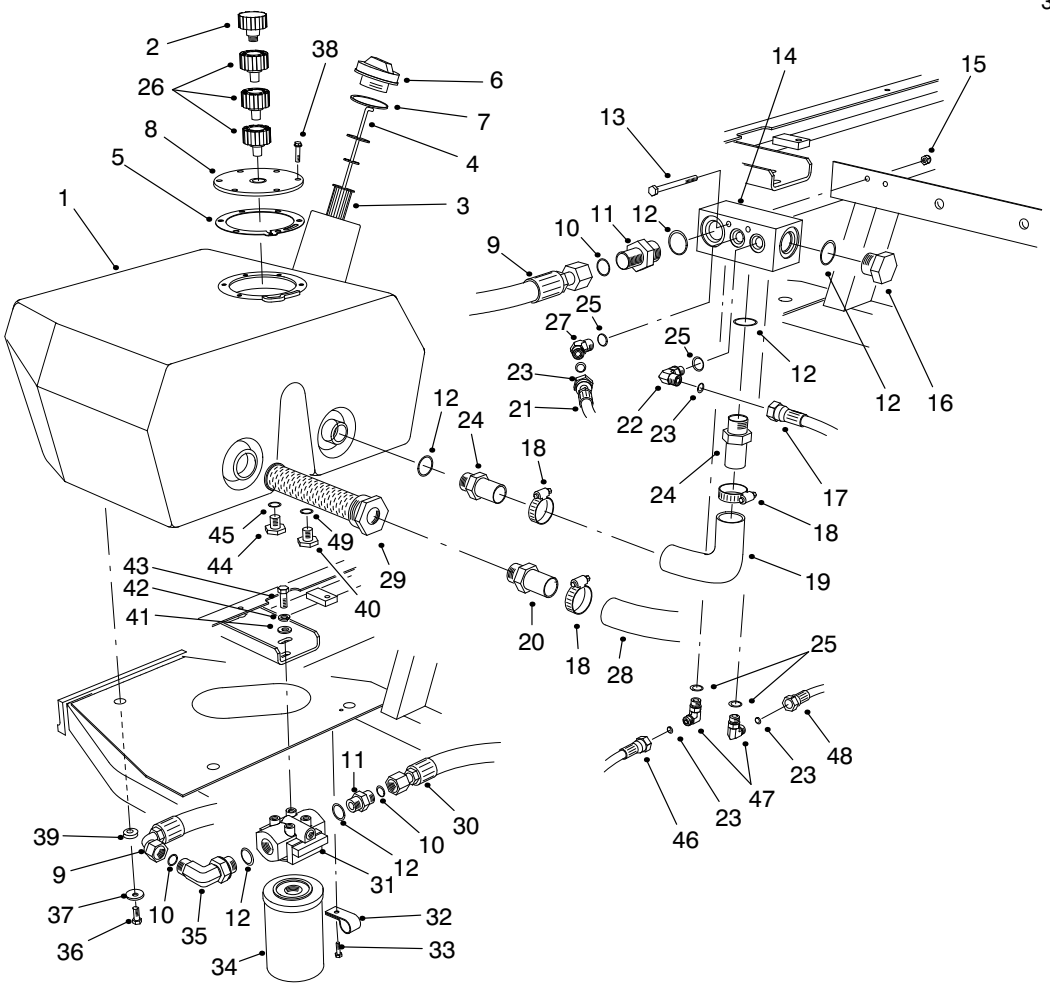


T−1048−4

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	94−9411	Dipstick	1
5	93−7499	Gasket − Flange	1
6	93−7498	Plug − Plastic	1
7	237−101	O−Ring	1
8	93−7588	Cover − Tank	1
9	75−6130	Hose − Hydraulic	1
10	237−65	O−Ring	5
11	340−8	Fitting − Hydraulic Straight (Incl. Ref. #10 & 12)	2
12	237−81	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	O−Ring	6

Ref. No.	Part No.	Description	No. Used
24	354−73	Fitting − Hydraulic Straight (Incl. Ref. #12)	2
25	237−42	O−Ring	4
26	92−8020	Adapter − Breather	3
27	340−87	Fitting − Hydraulic 45° (Incl. Ref. #25 & 23)	1
28	75−6870	Hose − Hydraulic Suction	1
29	75−0550	Strainer − Suction	1
30	93−0077	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 − Hydraulic	1
41	3256−24	Washer − Flat	2
42	3253−21	Washer − Lock	2
43	323−4	Screw − Cap Hex. Hd.	2
44	353−550	Plug − Drain (Incl. Ref. #45)	1
45	237−79	O−Ring	1

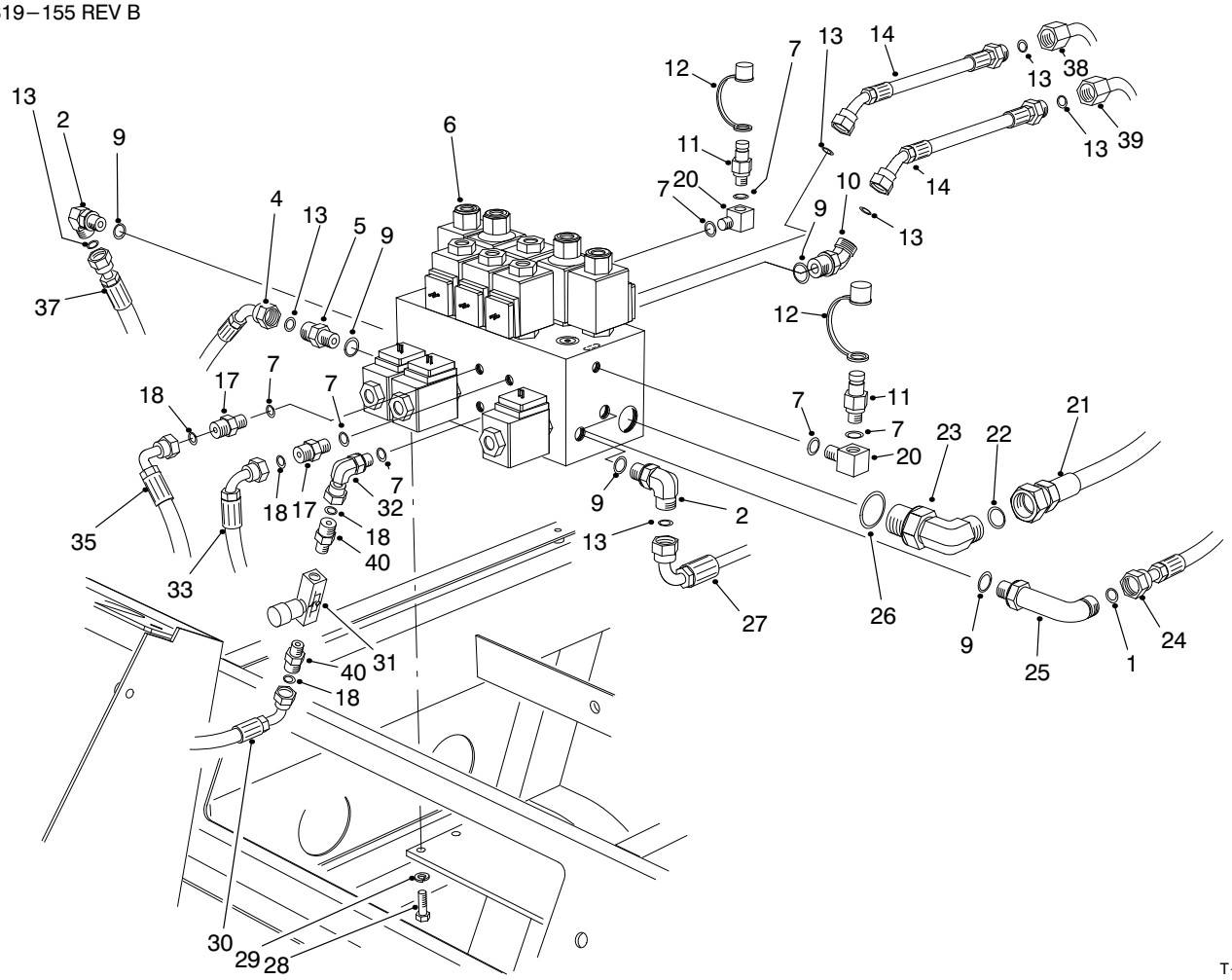


T−1048−4

HYDRAULIC RESERVOIR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
46	92−9096	Assembly − Hose	1
47	340−82	Fitting − Hydraulic 90° (Incl. Ref. #23 & 25)	2

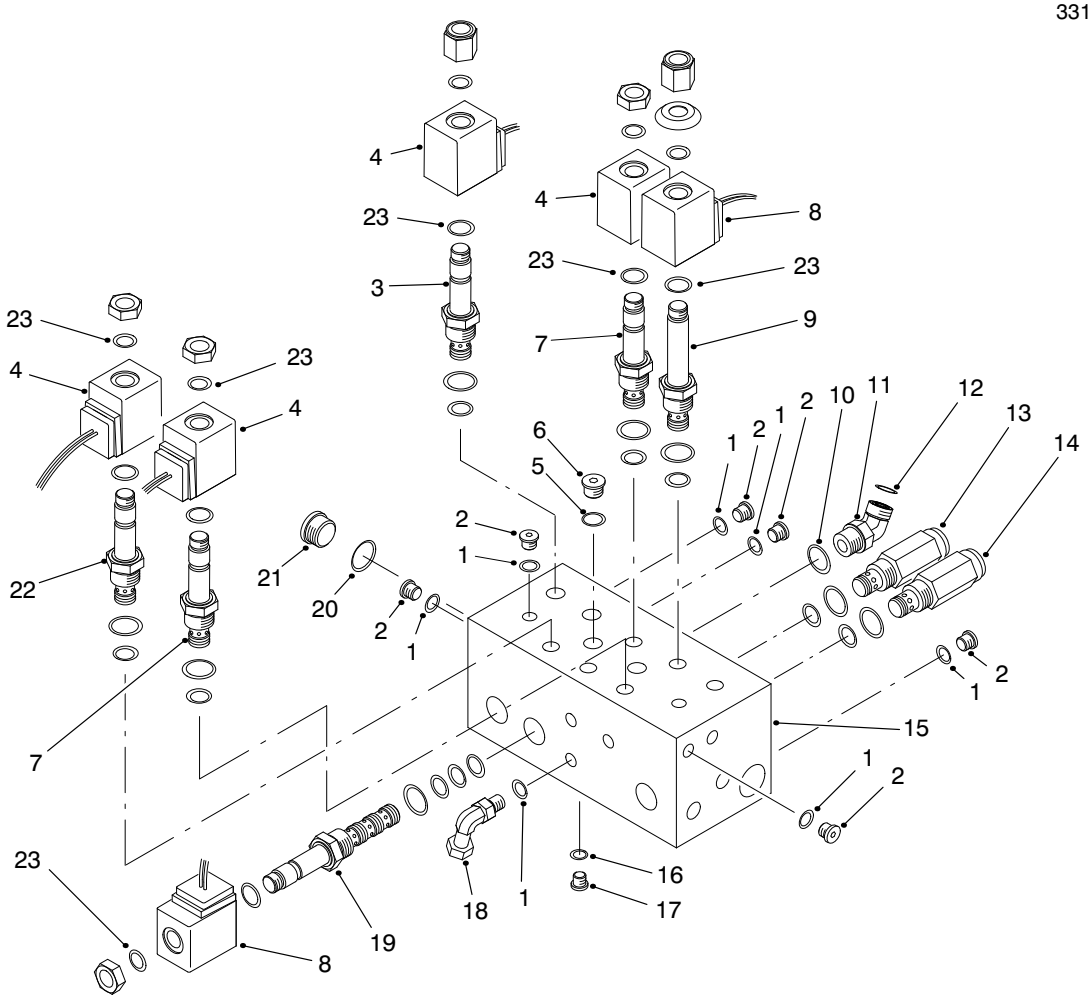
Ref. No.	Part No.	Description	No. Used
48	94−4916	Hose Asm. − Drain	1
49	237−42	O−Ring	1



HYDRAULIC CONTROL MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237−22	O−Ring	1
2	340−98	Fitting − Hydraulic 90° (Incl. Ref. #1 & 9)	2
4	94−5444	Hose Asm. − Pressure #5	1
5	340−4	Fitting − Hydraulic Straight (Incl. Ref. #1 & 9)	1
6	93−3611	Asm. − Control Manifold	1
7	237−78	O−Ring	6
9	237−79	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	O−Ring	7
14	86−9190	Hose − Hydraulic	2
17	340−92	Fitting − Hydraulic Straight (Incl. Ref. #7 & 18)	2
18	237−21	O−Ring	4
20	75−6640	Fitting − Hydraulic 90° (Incl. Ref. #7)	2
21	93−0078	Hose − Hydraulic	1

Ref. No.	Part No.	Description	No. Used
22	237−65	O−Ring	1
23	340−139	Fitting − Hydraulic 90° (Incl. Ref. #22 & 26)	1
24	94−4913	Hose Asm. − Pressure #2	1
25	93−3612	Fitting − Hydraulic 90° (Incl. Ref. #1 & 9)	1
26	237−81	O−Ring	1
27	94−4914	Hose Asm. − Pressure #3	1
28	322−3	Screw − Cap Hex. Hd.	4
29	3253−4	Washer − Lock	4
30	75−5900	Hose − Hydraulic	1
31	82−8270	Valve − Flow Control	1
32	340−143	Fitting − Hydraulic 90° (Incl. Ref. #7)	1
33	93−0118	Hose − Hydraulic	1
35	75−5890	Hose − Hydraulic	1
37	94−5447	Hose Asm. − Pressure #4	1
38	93−3642	Tube − Hydraulic	1
39	93−3643	Tube − Hydraulic	1
40	340−13	Fitting − Hydraulic Straight (Incl. Ref. #18)	2



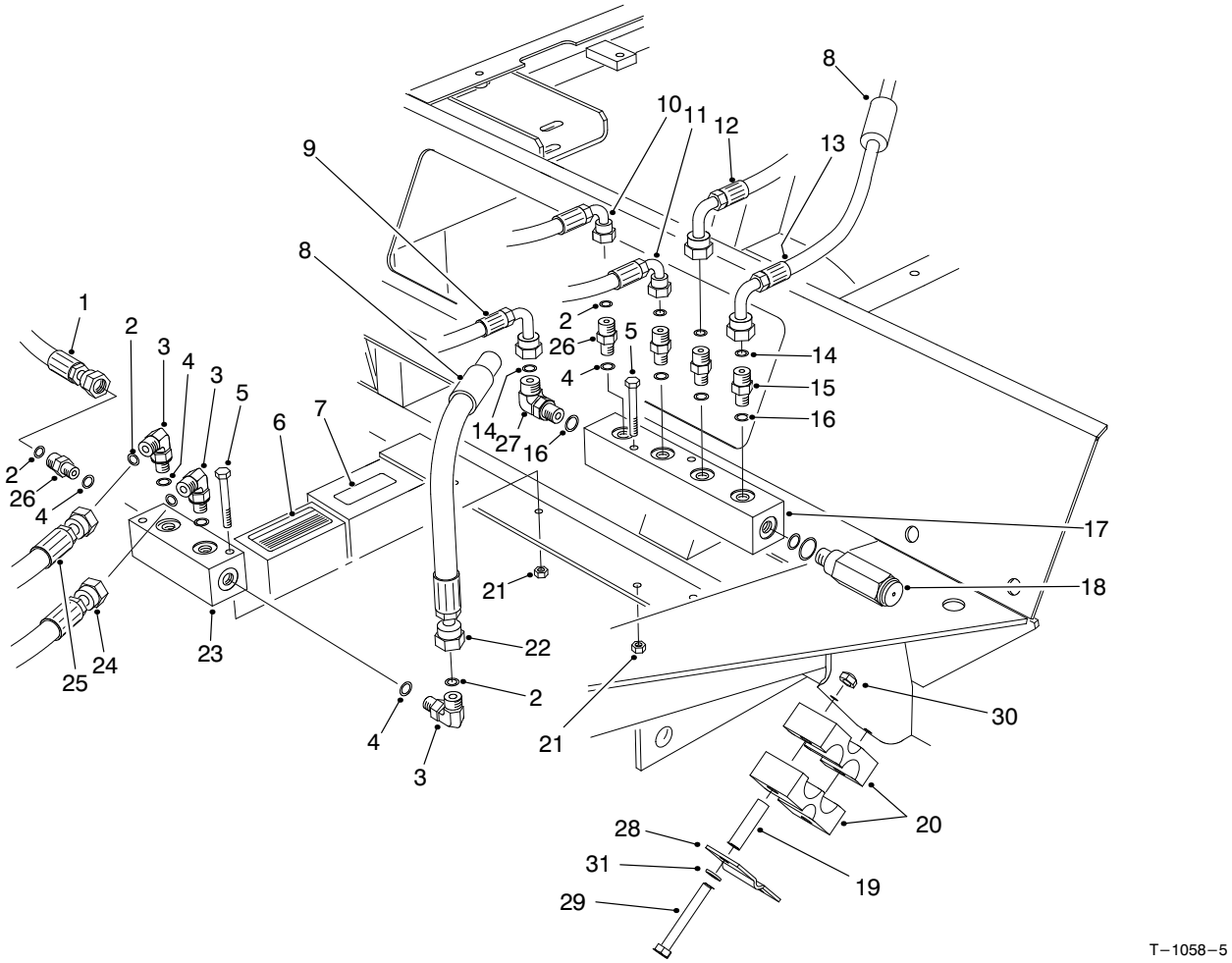
T−1503−1

CONTROL MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237−78	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	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	O−Ring	1
11	340−101	Fitting − Hydraulic 45° (Incl. Ref. #10 & 12)	1
12	237−30	O−Ring	1
13	75−0920	Cartridge − Relief 3000 psi (Use Seal Kit #75−2080)	1

Ref. No.	Part No.	Description	No. Used
14	98−7399	Cartridge − Relief 2000 psi (Use Seal Kit #75−2080)	1
15		Body − Manifold	1
16	237−156	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	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

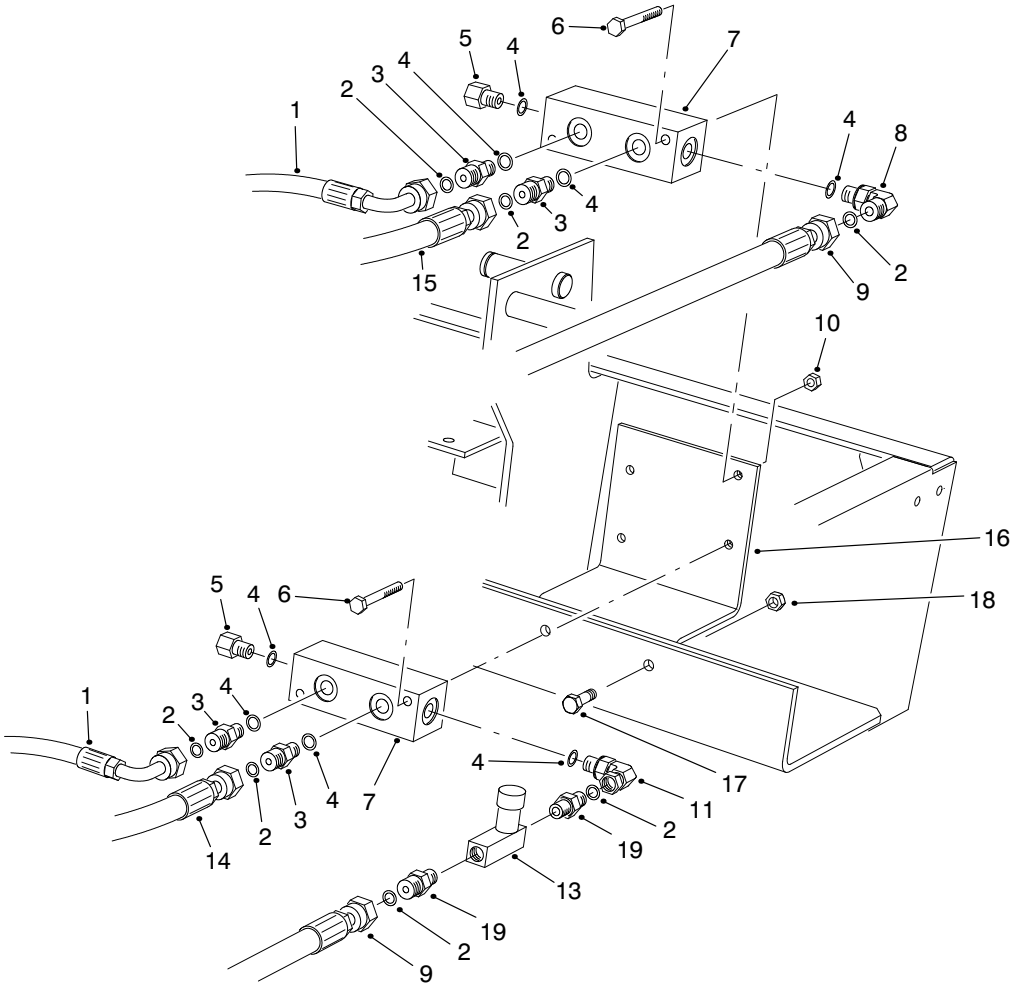
*Not Illustrated



FRONT HYDRAULIC MANIFOLDS

Ref. No.	Part No.	Description	No. Used
1	94−5442	Hose Asm. − Drain	1
2	237−21	O−Ring	7
3	340−132	Fitting − Hydraulic 90˚ (Incl. Ref. #2 & 4)	3
4	237−78	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 − Oil	1
7	93−6686	Decal − Oil (Europe)	1
7	88−1980	Decal − Oil (Japan)	1
8	38−3400	Guard − Rubber	2
9	75−5940	Hose − Hydraulic	1
10	75−5890	Hose − Hydraulic	1
11	75−5910	Hose − Hydraulic	1
12	93−0118	Hose − Hydraulic	1
13	93−0119	Hose − Hydraulic	1
14	237−22	O−Ring	2
15	340−2	Fitting − Hydraulic Straight (Incl. Ref. #14 & 16)	2

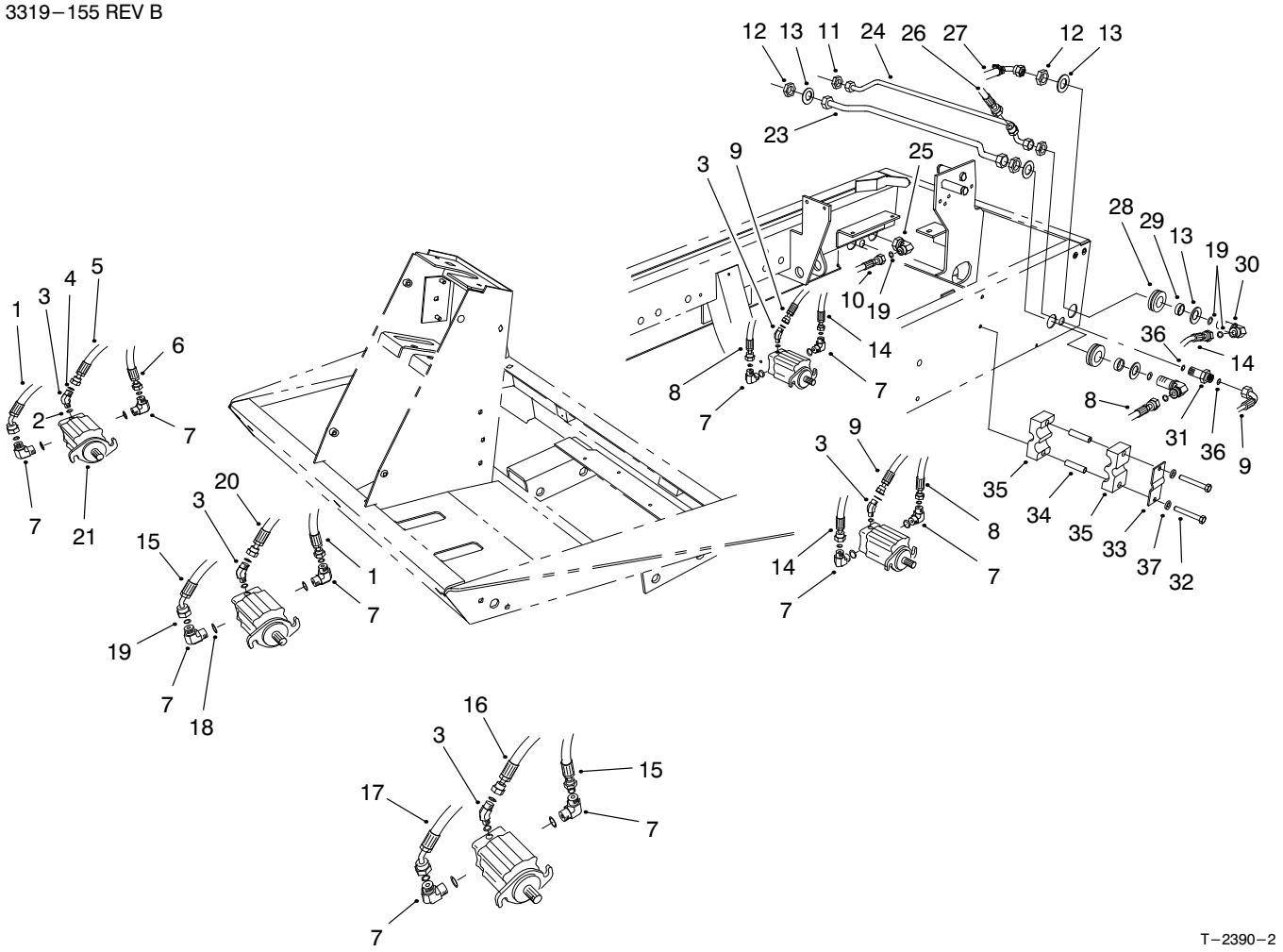
Ref. No.	Part No.	Description	No. Used
16	237−42	O−Ring	2
17	93−0139	Manifold − Hydraulic	1
18	93−0143	Cartridge − Relief 250 psi (Use Seal Kit #75−2080)	1
19	93−7960	Spacer	4
20	82−8170	Clamp − Rubber	4
21	3296−42	Nut − Lock	4
22	92−9096	Hose − Hydraulic	1
23	75−1180	Manifold − Hydraulic	1
24	94−5445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



REAR HYDRAULIC MANIFOLDS

Ref. No.	Part No.	Description	No. Used
1	75−6180	Hose − Hydraulic	2
2	237−21	O−Ring	7
3	340−92	Fitting − Hydraulic Straight (Incl. Ref. #2 & 4)	4
4	237−78	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	4
11	340−143	Fitting − Hydraulic 90° (Incl. Ref. #4)	1
13	82−8270	Valve − Flow Control	1
14	75−6080	Hose − Hydraulic	1
15	75−6070	Hose − Hydraulic	1
16	94−4920	Plate − Mounting Valve	1
17	322−5	Screw − Cap Hex. Hd.	2
18	32128−20	Nut − Flange Lock	2
19	340−13	Fitting − Hydraulic Straight (Incl. Ref. #2)	2

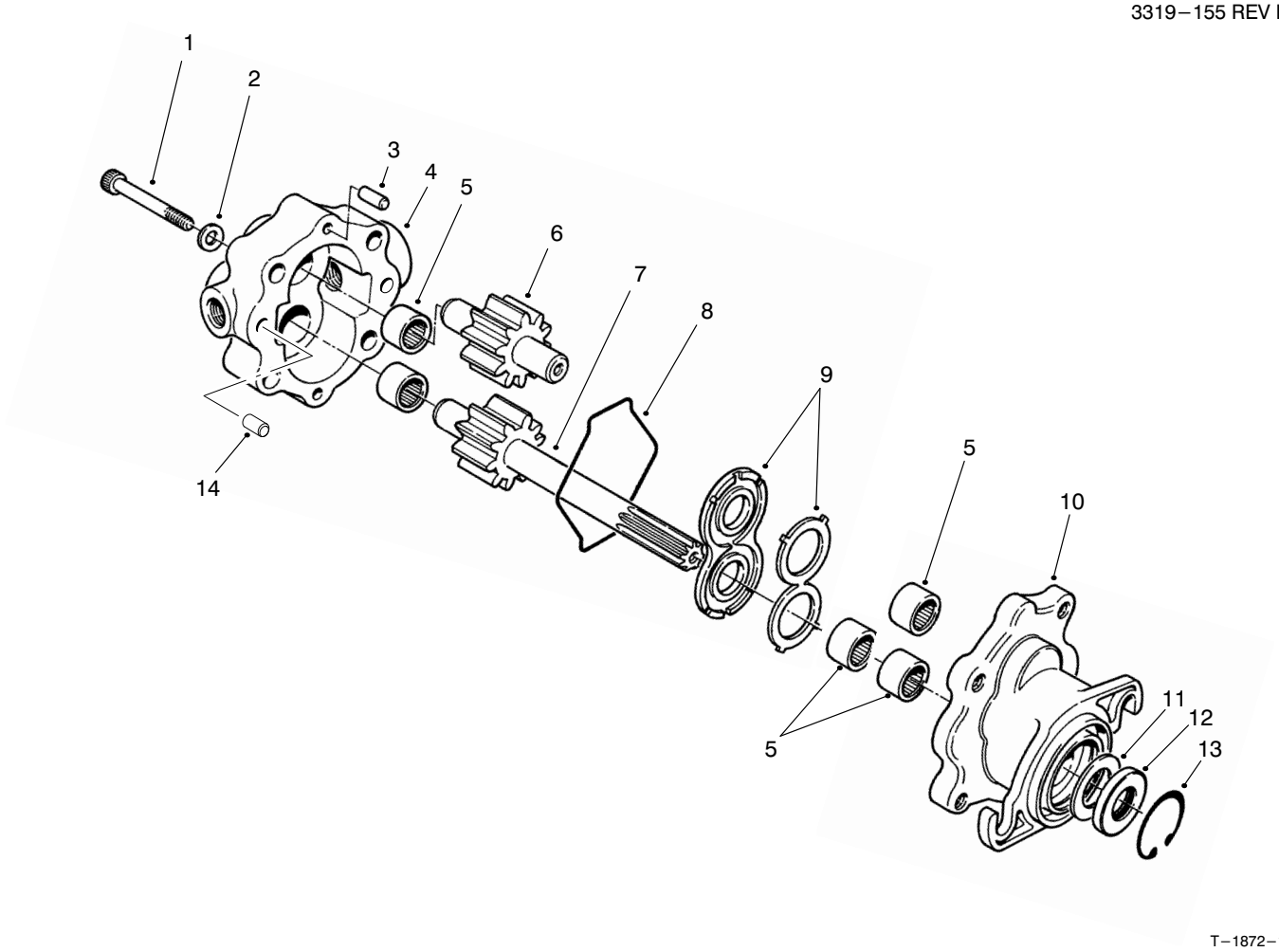


CUTTING UNIT HYDRAULIC COMPONENTS

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

Ref. No.	Part No.	Description	No. Used
21	93−1375	Motor − Hydraulic	5
23	94−4918	Tube Asm. − Pressure #2, 3	1
24	94−4917	Tube Asm. − Drain #2, 3	1
25	94−6031	Fitting − Hydaulic (Incl. Ref. #19)	1
26	94−4916	Hose Asm. − Drain, Return	1
27	94−4913	Hose Asm. − Pressure #2	1
28	240−5	Grommet − Rubber	4
29	69−8960	Spacer	4
30	93−9151	Fitting − Hydraulic (Incl. Ref. #19)	4
31	340−71	Fitting − Hydraulic (Incl. Ref. #36)	2
32	32144−58	Screw − Socket Hex. Hd.	4
33	93−7961	Clamp − Case Drain	2
34	93−7960	Spacer	4
35	82−8170	Clamp	4
36	237−22	O−Ring	4
37	3256−70	Washer − Flat	4
*	95−3045	Kit − Hydraulic Hose (Incl. Ref. #1, 6, 8, 14−15 & 17)	1

*Not Illustrated

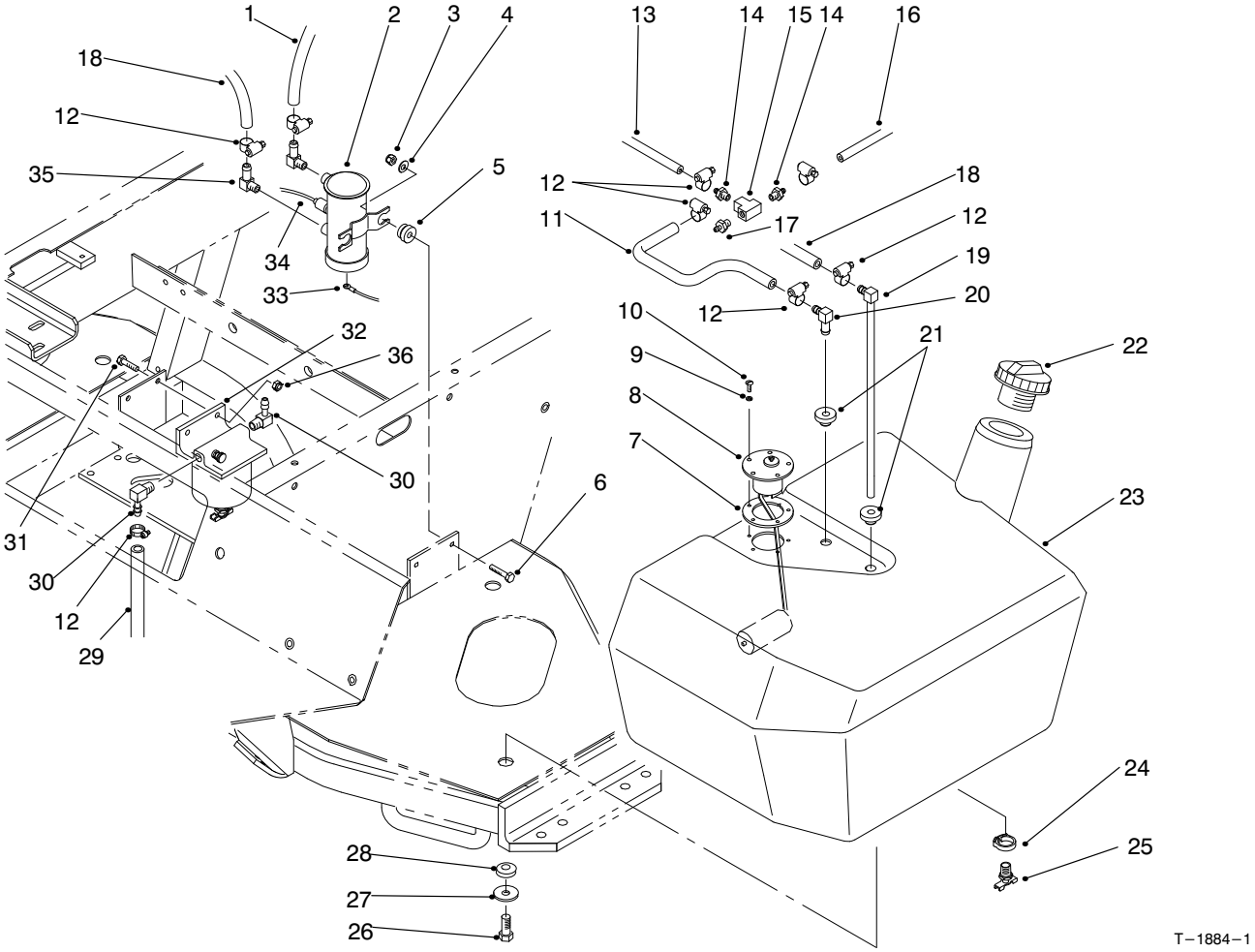


T−1872−1

REEL MOTOR ASSEMBLY NO. 93−1375

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	93−3614	Cover Asm. (Incl. Ref. #5)	1
†5		Bearing−Needle	5
6	93−3616	Assembly − Idler Gear	1
7	93−3615	Assembly − Drive Shaft	1
8	354−46	Ring−Seal	1
9	74−3810	Assembly − Load Plate	1
10	92−8795	Assembly − 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

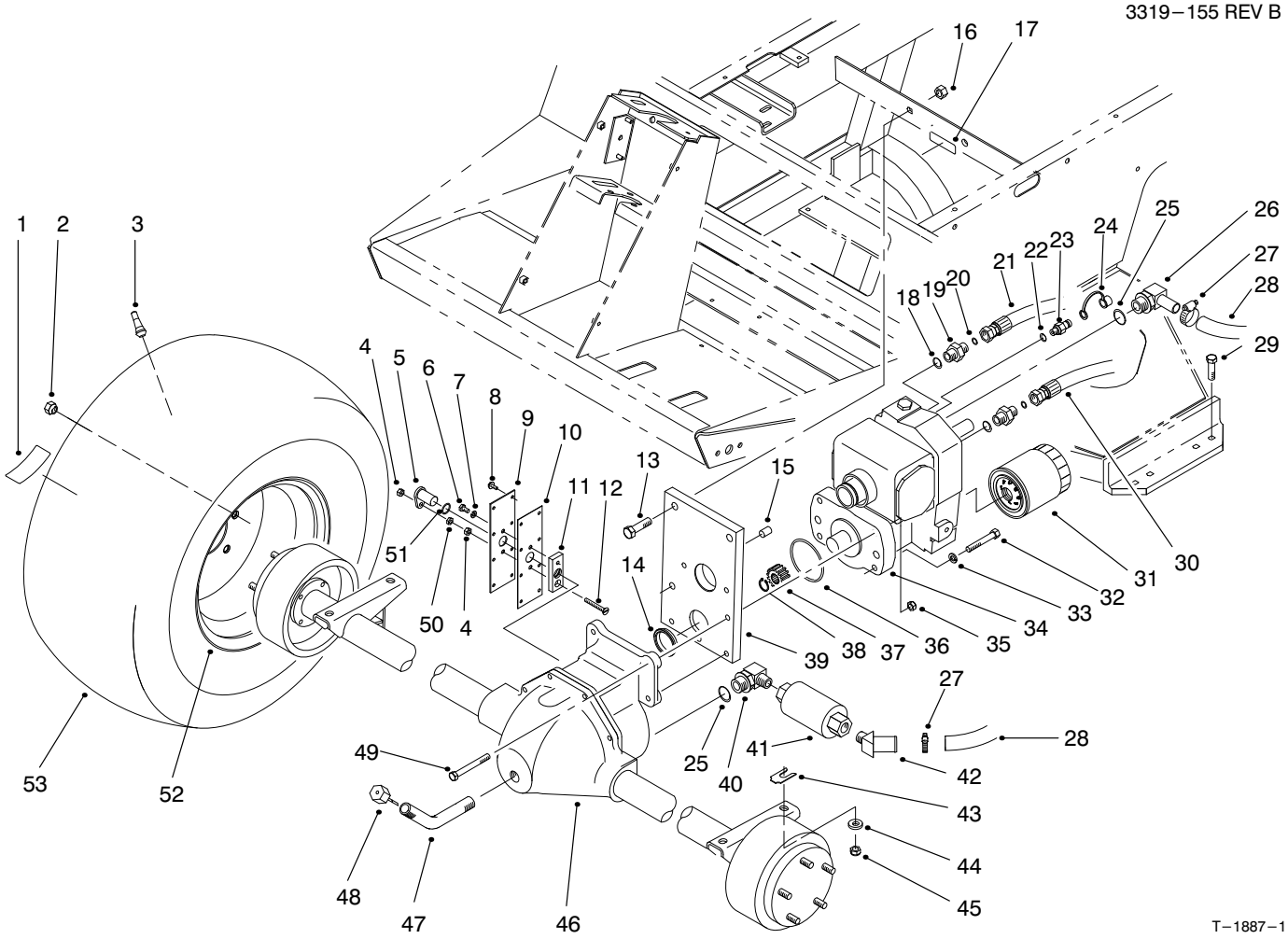


FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63−7610	Hose − Fuel	1
2	53−8150	Assembly − 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

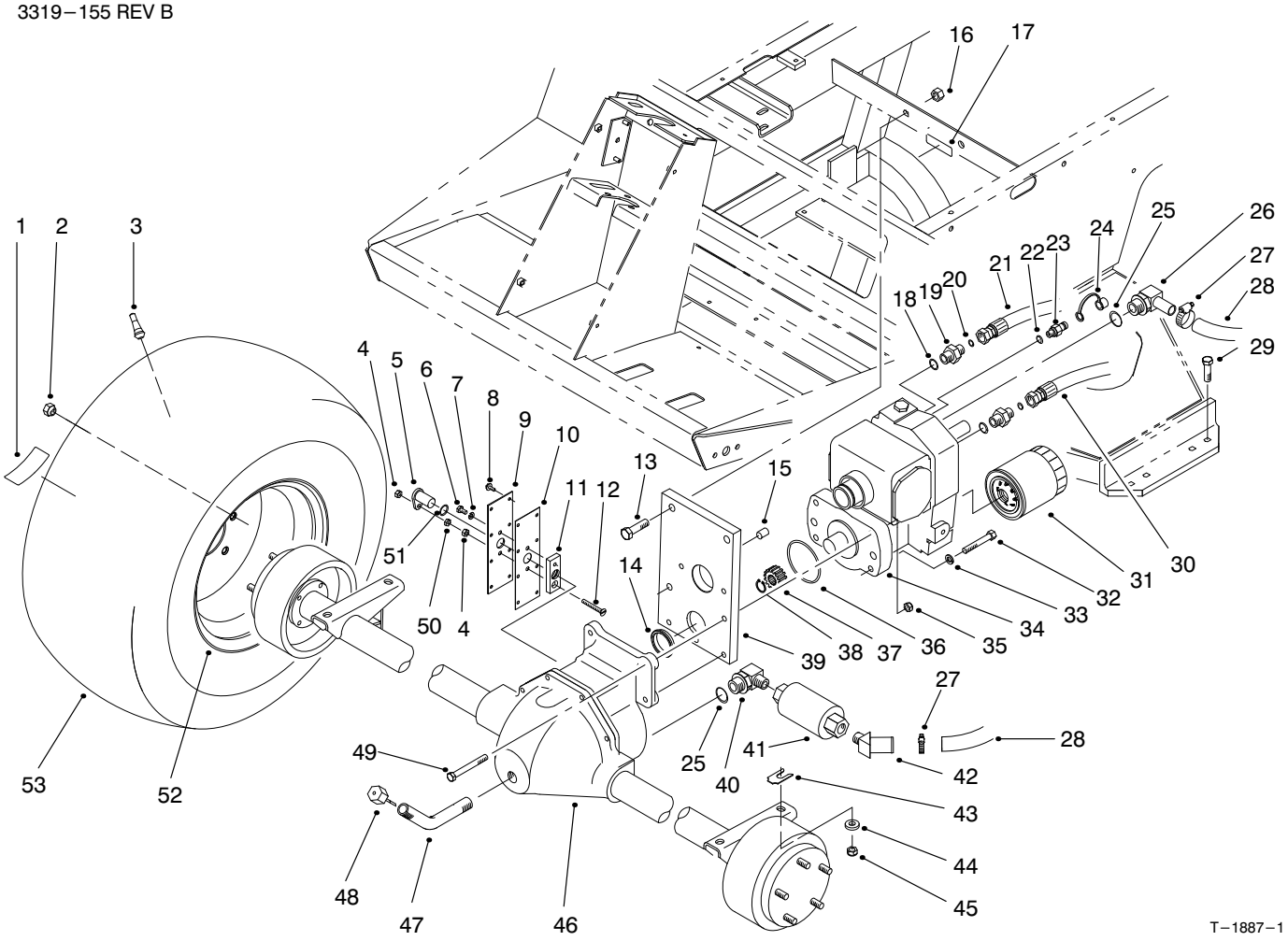
Ref. No.	Part No.	Description	No. Used
19	66−8121	Standpipe − Elbow 90˚	1
20	46−6550	Connector − Fuel, Elbow 90˚	1
21	46−6560	Grommet	2
22	93−3102	Cap − Fuel Tank	1
23	94−3570	Assembly − Fuel Tank (Incl. Ref. #24−25)	1
24	2412−36	Clamp − Drain	1
25	304−46	Fitting − Drain	1
26	33103−025	Screw − Hex. Hd. 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



FRONT AXLE & TRANSMISSION ASSEMBLY

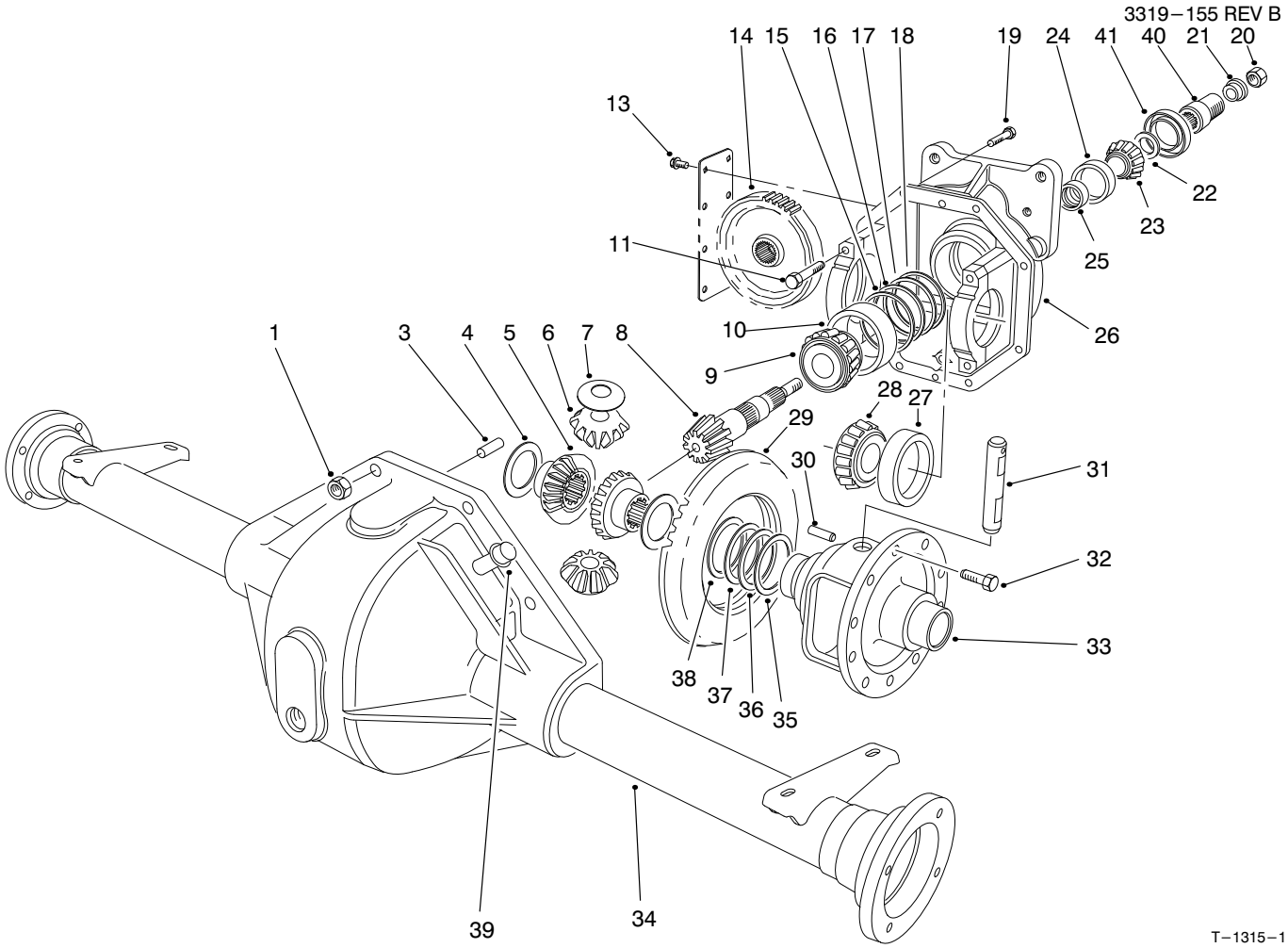
Ref. No.	Part No.	Description	No. Used
1	76−8730	Decal − Bolt Torque	2
2	23−7270	Nut − Lug	10
3	232−27	Stem − Valve	2
4	3296−56	Nut − Lock	2
5	85−4350	Sensor − Gear Tooth	1
6	321−2	Screw − Cap Hex. Hd.	1
7	3253−3	Washer − Lock	1
8	32144−112	Screw − Cap Hex. Hd.	8
9	85−4330	Cover − Gear	1
10	92−5797	Gasket − Axle	1
11	85−4340	Plate − Sensor Mounting	1
12	32108−9	Screw − Machine	1
13	325−7	Screw − Cap Hex. Hd.	2
14	75−3110	Collar − Transmission	1
15	92−4808	Sleeve − Trans. Pilot	1
16	3296−23	Nut − Lock	2
17	77−0490	Decal − Bolt	1
17	93−6691	Decal − Bolt (Europe)	1
17	80−4880	Decal − Bolt (Japan)	1
18	237−79	O−Ring	2
19	340−3	Fitting − Hydraulic, Straight (Incl. Ref. #18 & 20)	2
20	237−22	O−Ring	2
21	93−0076	Hose − Hydraulic	1
22	237−78	O−Ring	1
23	354−77	Fitting − Hydraulic Test Port (Incl. Ref. #22)	1
24	354−79	Cap − Test Port	1
25	237−81	O−Ring	2
26	75−4720	Fitting − Hydraulic 90˚ (Incl. Ref. #25)	1
27	2412−129	Clamp − Hose	2
28	75−6350	Hose	1
29	324−7	Screw − Cap Hex. Hd.	4
30	93−0075	Hose − Hydraulic	1
31	75−1330	Filter − Oil	1
32	323−12	Screw − Cap Hex. Hd.	2
33	3253−21	Washer − Lock	2
34	75−0012	Assembly − Transmission	1
35	3296−39	Nut − Lock	2
36	237−161	O−Ring	1
37	86−7220	Gear − Pinion	1
38	32151−62	Ring − Retaining	1
39	92−4846	Asm. − Trans. Support (Incl. Ref. #14 & 15)	1
40	354−75	Fitting − Hydraulic 90˚ (Incl. Ref. #25)	1
41	75−6340	Strainer − In−Line	1
42	354−72	Fitting − Hydraulic 45˚	1
43	42−6080	Shim − Axle	A/R
44	66−6480	Washer − Flat	4



FRONT AXLE & TRANSMISSION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	3296−48	Nut − Lock	4
46	94−6933	Assembly − Front Axle	1
47	75−6850	Tube − Oil Fill	1
48	27−3710	Dipstick − Axle	1
49	323−20	Screw − Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
50	3218−1	Nut − Jam	1
51	237−181	O−Ring	1
52	217−120	Rim	2
53	231−134	Tire	2

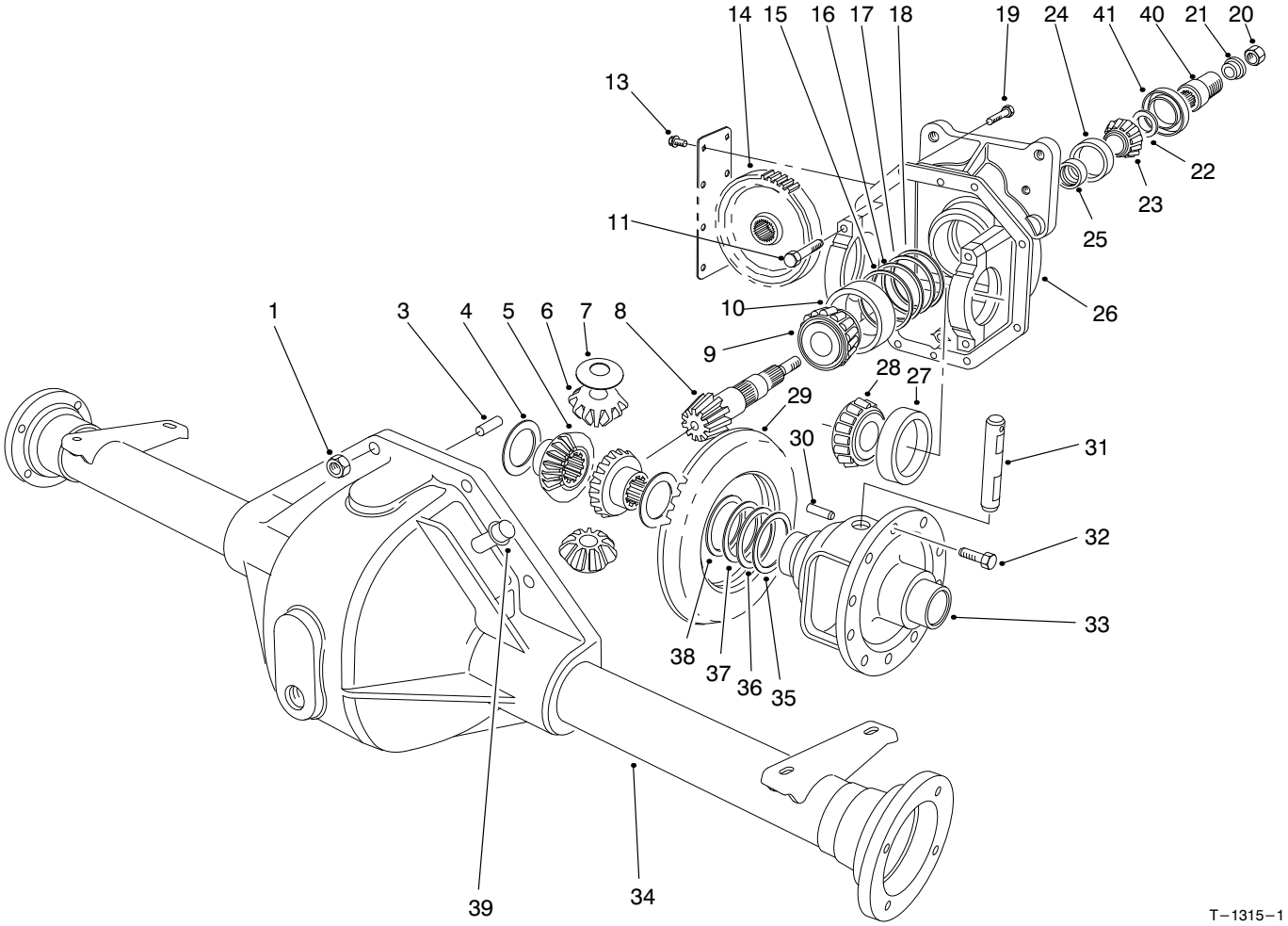


FRONT AXLE ASSEMBLY NO. 94−6933

Ref. No.	Part No.	Description	No. Used
1	32144−5	Nut	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	3210−8	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
22	72−3573	Shim .100 − Diff. Adjust.	A/R

Ref. No.	Part No.	Description	No. Used
*	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
*	72−3598	Shim .149 − Diff. Adjust.	A/R

*Not Illustrated
†Not Serviced Separately

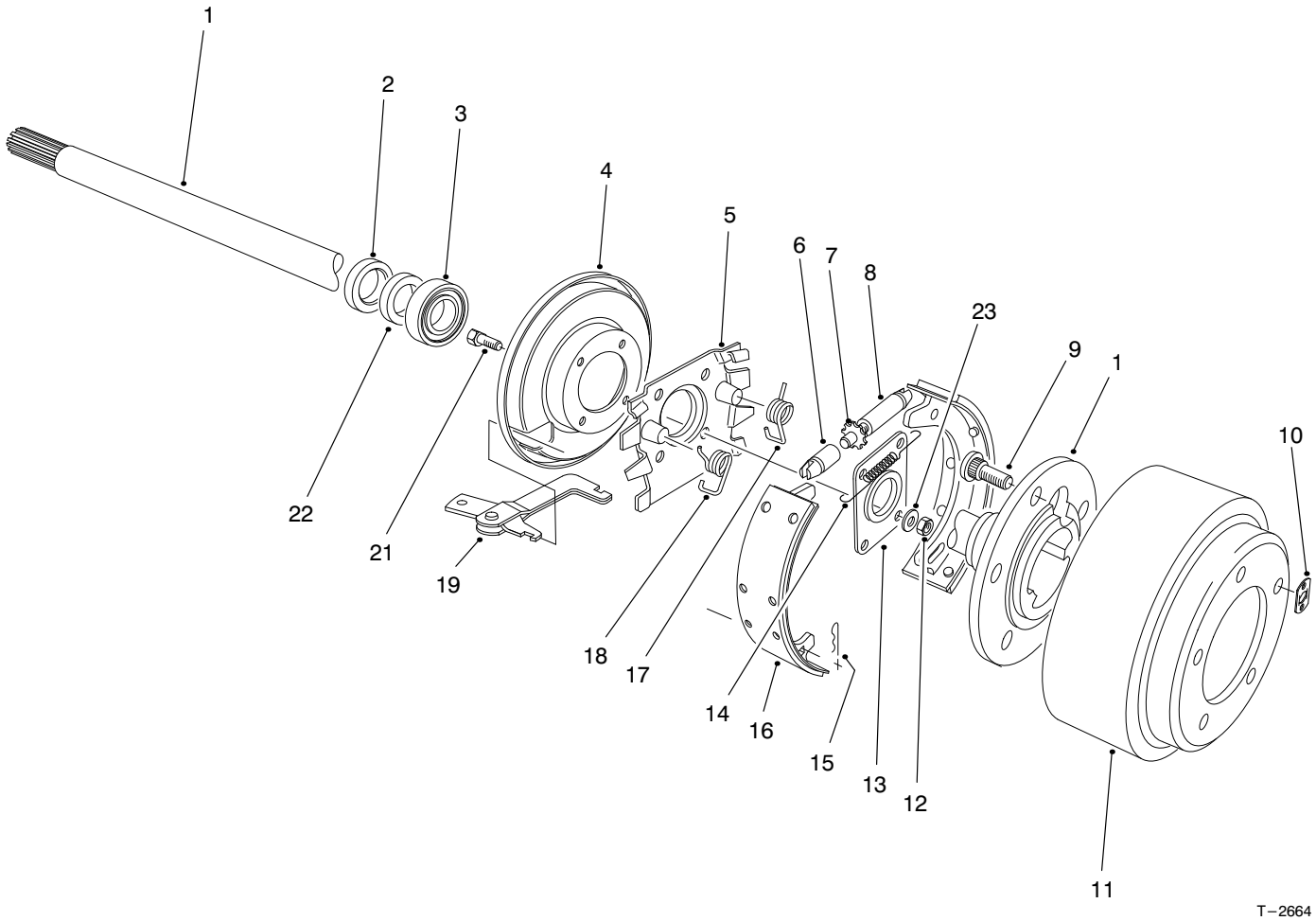


FRONT AXLE ASSEMBLY NO. 94−6933 (Continued)

Ref. No.	Part No.	Description	No. Used
22	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	93−3619	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	75−0721	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	72−9420	Vent Tube Assembly	1
40	83−4910	Coupler − Pinion	1
41	71−4330	Seal	1
*	93−3618	Gear & Pinion Assembly (Incl. Ref. #8 & 29)	1
*	93−3617	Assembly − Differential (Incl. Ref. #4−10, 14−33, 35−38, 40 & 41)	1

*Not Illustrated
†Not Serviced Separately



T−2664

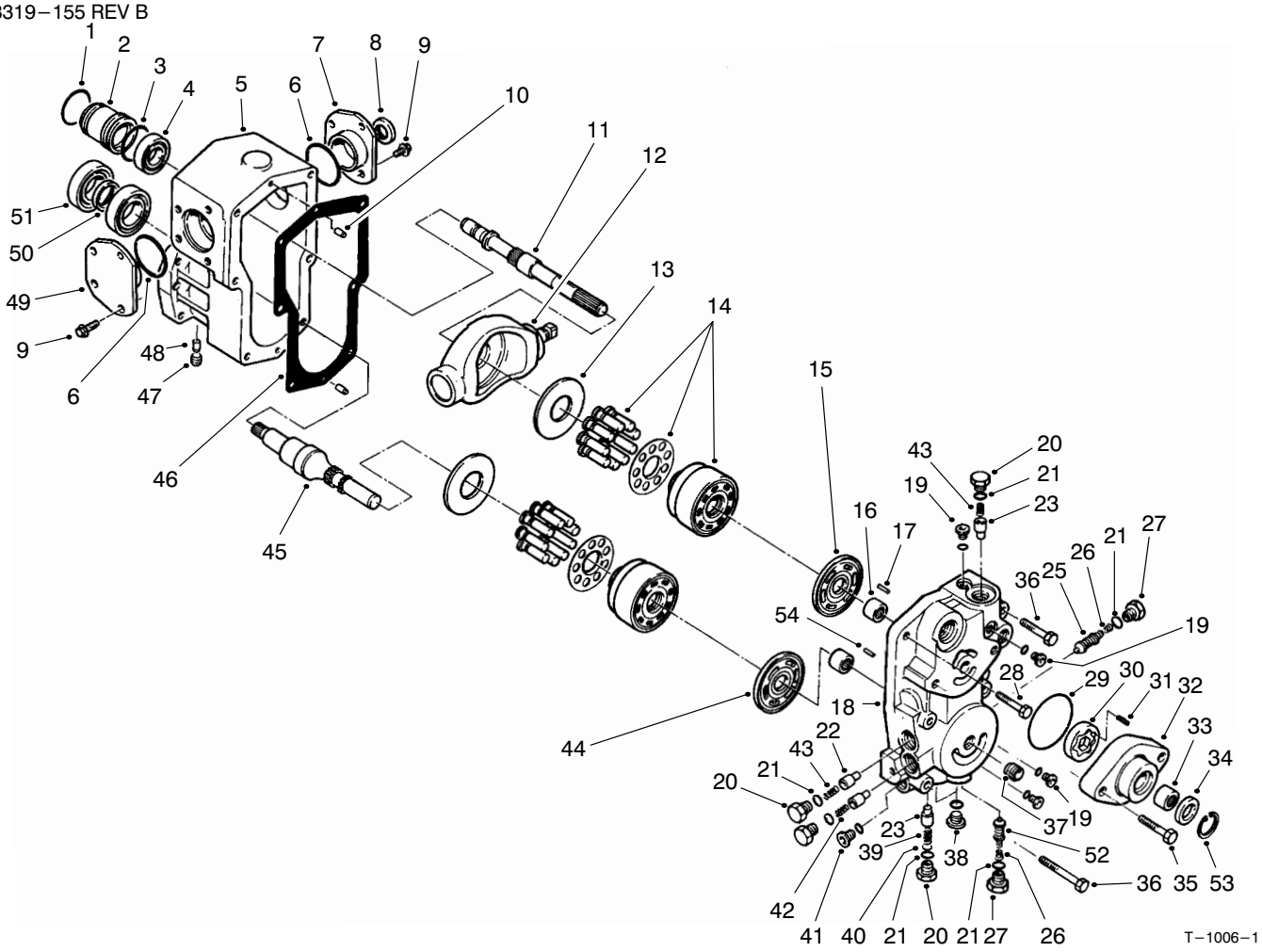
BRAKE ASSEMBLY

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

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

*Not Illustrated

3319−155 REV B

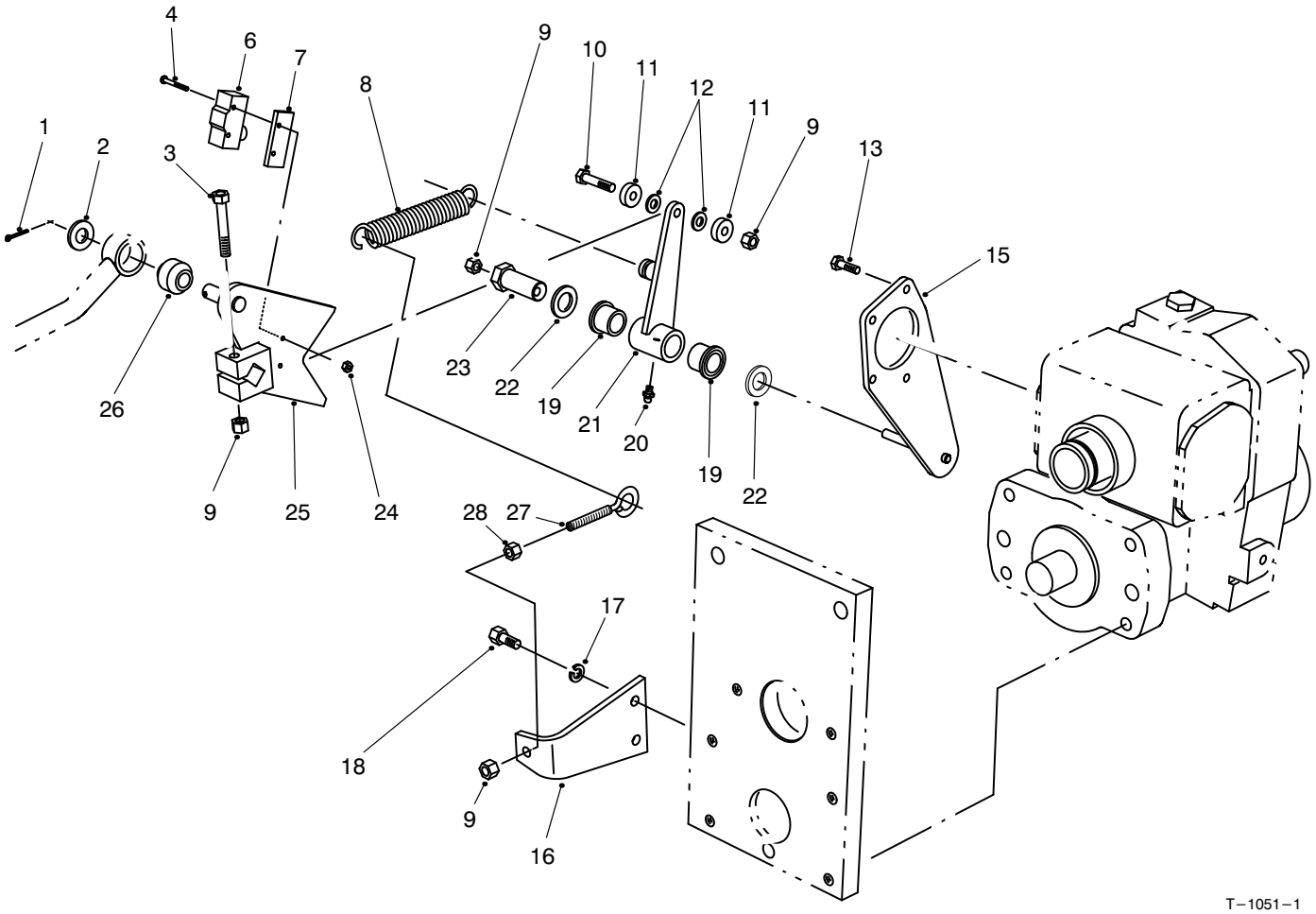


TRANSMISSION ASSEMBLY NO. 75−0012

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	1
18	75−0040	Center Section	1
19	75−0170	Plug − Straight Thread	4
20	75−0060	Plug	4
21	75−0240	O−Ring	6
22	75−0290	Spring	2
23	75−0260	Valve − Relief	4
24	75−0130	Screw − Cap Hex Head	3
25	93−0097	Valve − SCR	1
26	75−0140	Spring − Conical	1
27	75−0190	Plug − Special	2

Ref. No.	Part No.	Description	No. Used
28	75−0120	Screw − Cap Hex Hd.	1
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
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

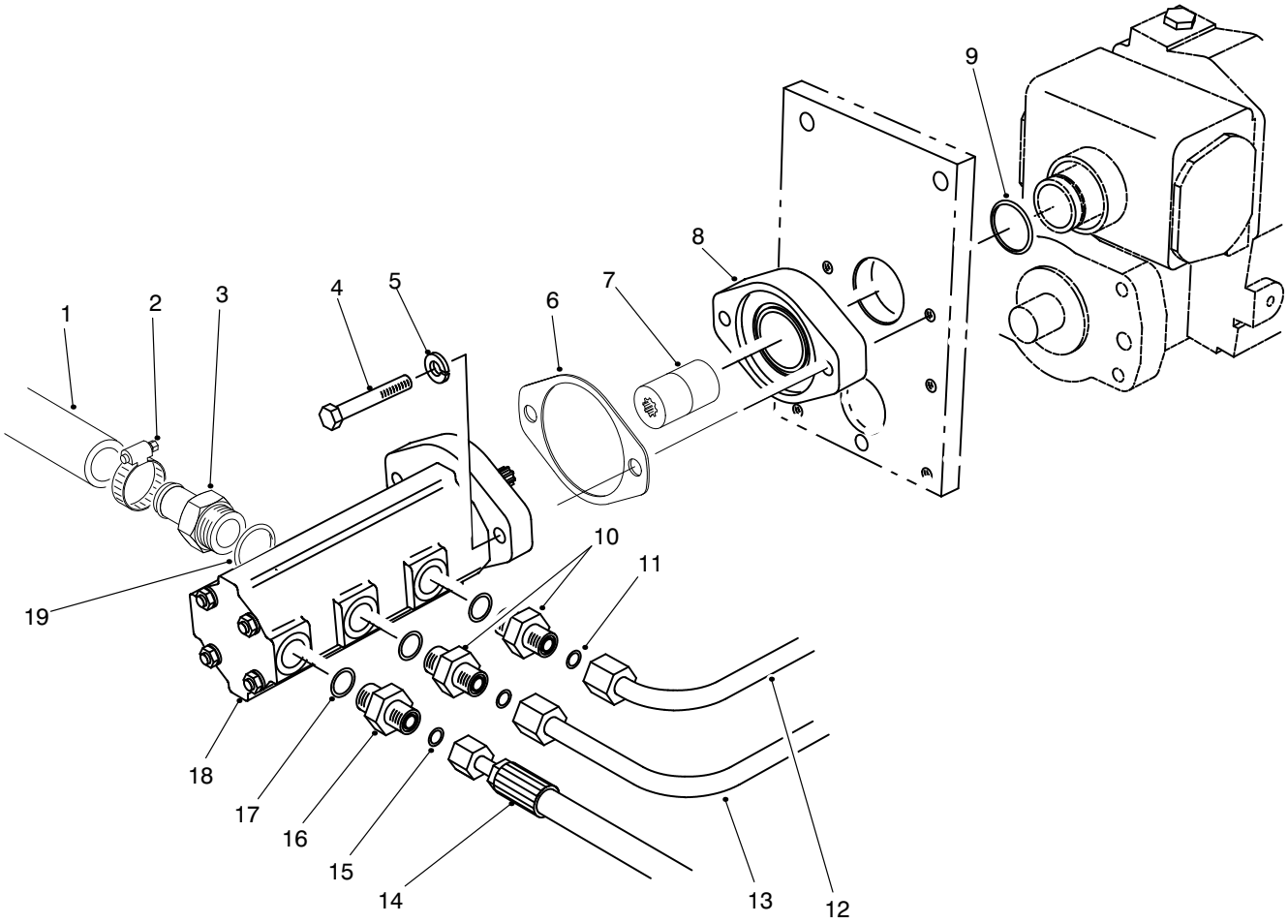


T−1051−1

TRACTION CONTROL ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
17	3253−4	Washer − Lock	2
18	322−3	Screw − Cap Hex. Hd.	2
19	256−113	Bushing − Flange	2
20	302−5	Fitting − Grease	1
21	92−2581	Assembly − 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

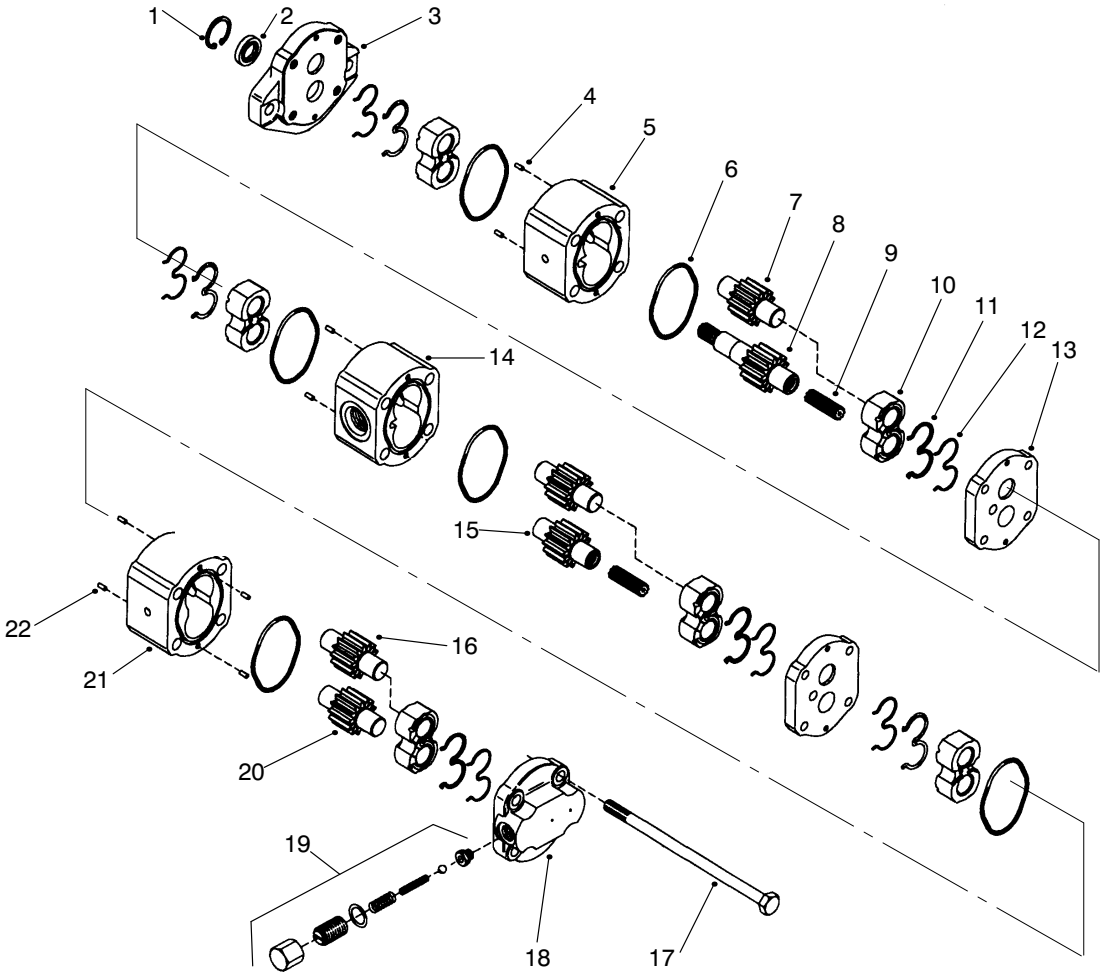


T−1928−1

GEAR PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75−6870	Hose − Suction	1
2	2412−34	Clamp − Hose	1
3	354−78	Fitting − Hydraulic	1
4	323−12	Screw − Cap Hex. Hd.	2
5	3253−5	Washer − Lock	2
6	93−3604	Gasket	1
7	93−1396	Coupler − Trans.	1
8	75−4400	Adaptor − Transmission	1
9	237−163	O−Ring	1
10	340−4	Fitting − Hydraulic Straight (Incl. Ref. #11 & 17)	2

Ref. No.	Part No.	Description	No. Used
11	237−30	O−Ring	2
12	93−3643	Tube − Hydraulic	1
13	93−3642	Tube − Hydraulic	1
14	75−6240	Hose − Hydraulic	1
15	237−22	O−Ring	1
16	340−3	Fitting − Hydraulic Straight (Incl. Ref. #15 & 17)	1
17	237−79	O−Ring	3
18	93−1376	Assembly − Pump, Gear	1
19	237−146	O−Ring	1



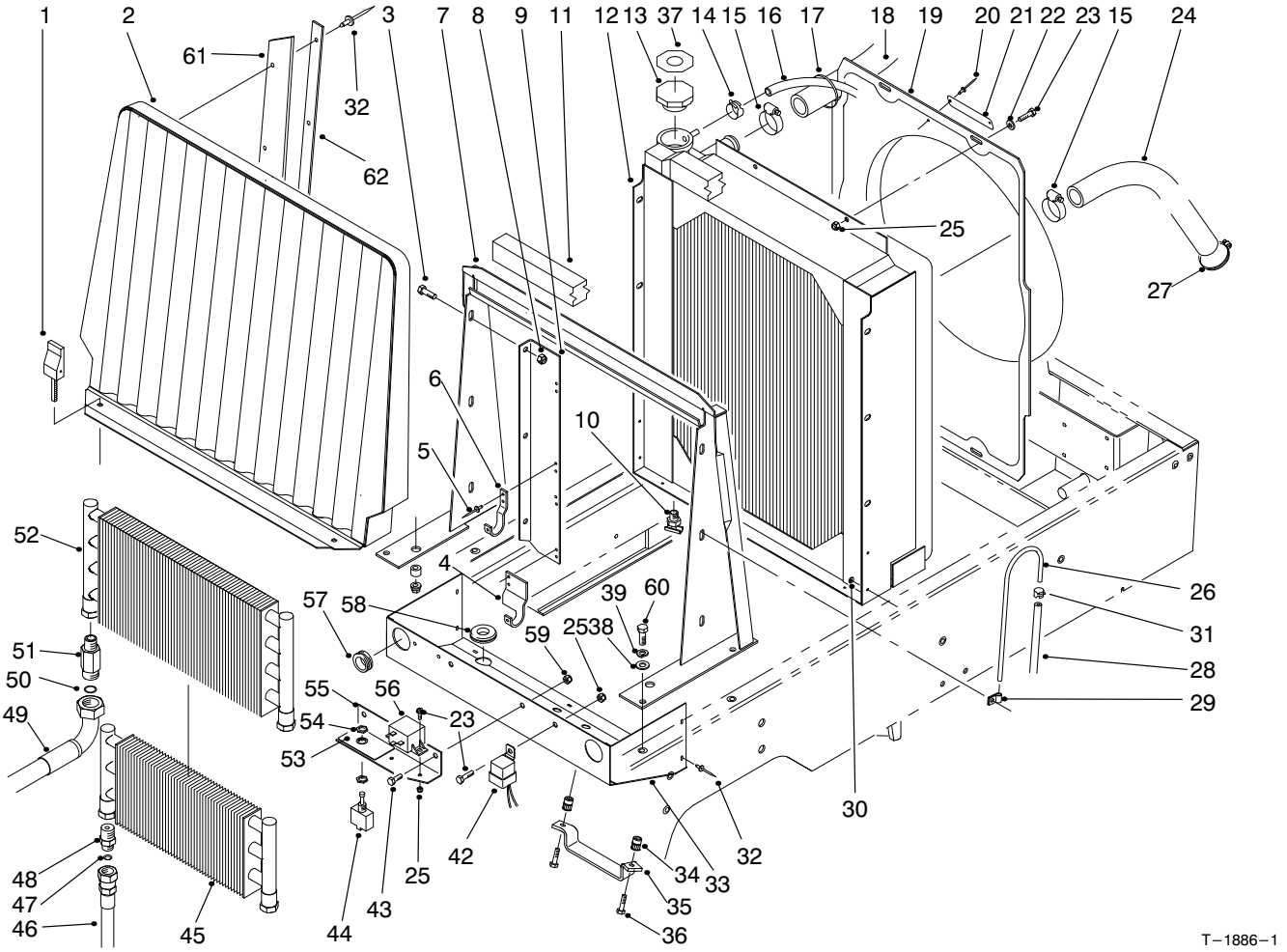
T−1935−1

HYDRAULIC PUMP NO. 93−1376

Ref. No.	Part No.	Description	No. Used
1		Ring − Retaining	1
2		Seal − Shaft	1
3		Flange	1
4	93−4278	Pin − Dowel	4
5		Housing	1
6		O−Ring	2
7		Gear − Idler	1
8		Gear − Drive	1
9	93−4280	Coupling	2
10		Bearing	2
11		E−Seal	2
12		Ring − Backup	2
13	93−4279	Plate − Distance	2
14		Housing	1
15		Gear − Idler	1
16		Gear − Idler	1
17	93−4283	Bolt	4

Ref. No.	Part No.	Description	No. Used
18	93−4282	Block − Valve	1
19	93−4277	Kit − Valve	1
20		Gear − Idler	1
21		Housing	1
22	93−4281	Pin − Dowel	4
*	93−4268	Kit − Flange (Incl. Ref. #1−3)	1
*	93−4269	Kit − Housing, Section 1 (Incl. Ref. #6, 7, 10−12, 14 & 15)	1
*	93−4270	Kit − Housing, Section 2 (Incl. Ref. #5−8, & 10−12)	1
*	93−4271	Kit − Housing, Section 3 (Incl. Ref. #6,10−12, 16, & 20−21)	1
*	93−4272	Kit − Individual Pieces (Incl. Ref. #2, 6, 11, & 12)	1

*Not Illustrated

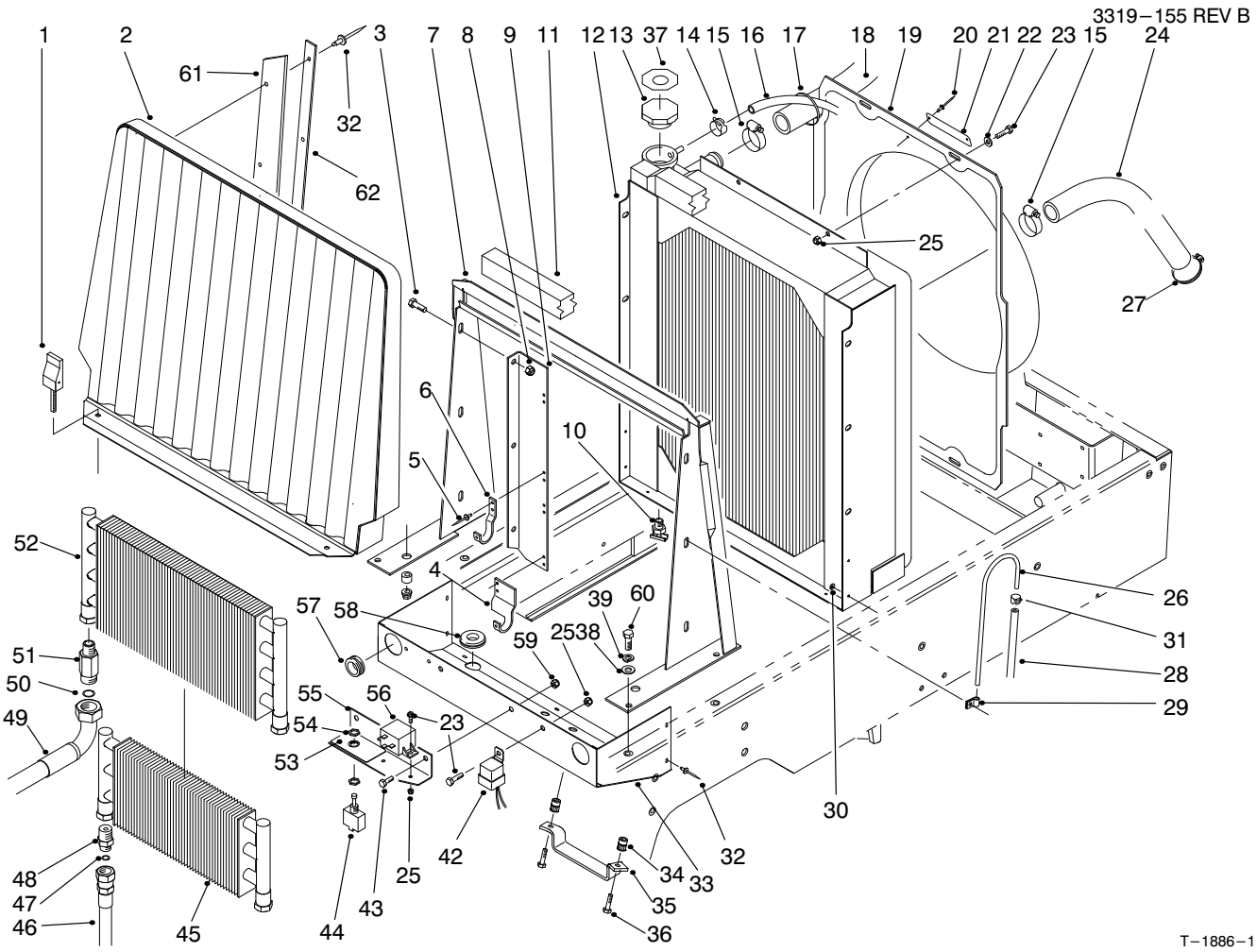


RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−1374	Latch − Swell	2
2	93−0032	Hsg. − Front Screen	1
3	3234−5	Screw − Whiz Lock	6
4	93−0090	Bracket − Mount RH, Cooler	1
*4	93−0089	Bracket − Mount LH, Cooler	1
5	3269−15	Rivet − Pop	8
6	75−0930	Hook − Oil Cooler	4
7	93−0038	Support − Radiator	1
8	32128−20	Nut − Whiz	6
9	93−0030	Asm. − Cooler Mount R.H. (Incl. Ref. #4−6)	1
*	93−0071	Asm. − Cooler Mount L.H. (Incl. Ref. #*4−6)	1
10	304−46	Drain − Radiator	1
11	93−0005	Strip − Foam, Top	1
12	93−0020	Radiator	1
13	66−3240	Cap − Radiator	1
14	92−2379	Clamp − Hose	1
15	2412−34	Clamp − Hose	2
16	75−2851	Hose − Expansion Tank	1
17	3290−378	Tie − Cable	1
18	93−0023	Hose − Radiator Upper	1
19	93−0022	Shroud − Fan	1
20	3290−271	Rivet − Pop	2

Ref. No.	Part No.	Description	No. Used
21	76−8750	Plate − Caution	1
21	93−6681	Plate − Caution (Europe)	1
22	3256−22	Washer − Flat	4
23	321−4	Screw − Cap Hex. Hd.	7
24	93−0024	Hose − Radiator Lower	1
25	3296−42	Nut − Lock	7
26	66−3180	Tube − Vent	1
27	2412−3	Clamp − Hose	2
28	75−4701	Hose − Fuel Vent	1
29	2412−103	Clamp − R	2
30	3269−10	Washer − Back−up	7
31	2412−108	Clamp − Hose	1
32	3269−13	Rivet − Pop	17
33	93−0025	Shield − Radiator	1
34	32148−7	Nut − Clinch	2
35	93−3626	Bracket − Hose	1
36	322−4	Screw − Cap Hex. Hd.	2
37	93−7840	Decal − Radiator Cap (Europe)	1
38	3256−23	Washer − Flat	4
39	3253−4	Washer − Lock	4
42	63−7590	Relay − Starter	1
43	322−2	Screw − Cap Hex. Hd.	2

*Not Illustrated

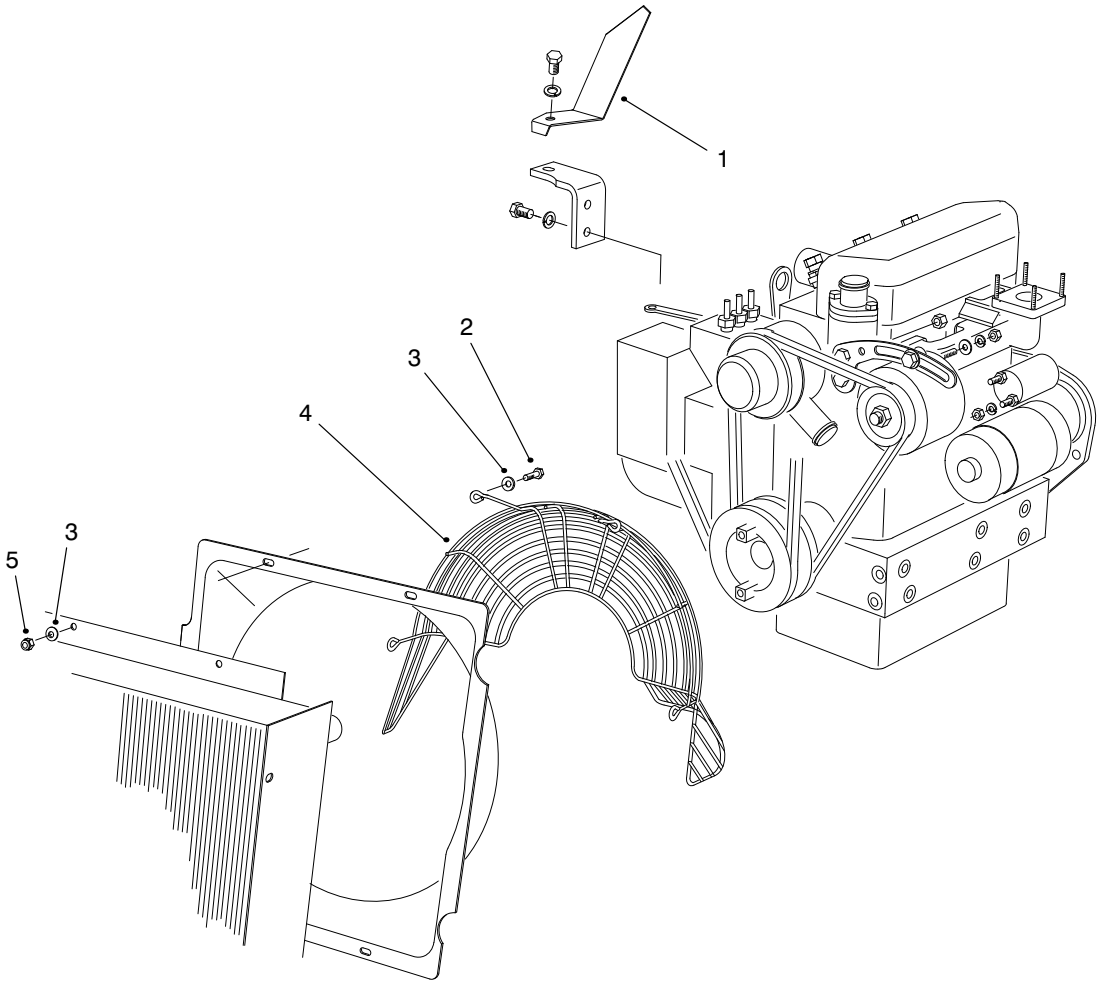


RADIATOR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	75−1020	Switch − Backlap (Incl. Ref. #54)	1
45	24−0760	Exchanger − Heat	1
46	93−0076	Hose − Trans. to Cooler	1
*	93−0075	Hose − Trans. to Cooler	1
47	237−22	O−Ring	2
48	340−124	Fitting − Straight	2
49	93−0077	Hose − Cooler, R.H.	1
*	93−0078	Hose − Cooler, L.H.	1
50	237−65	O−Ring	2
51	92−4999	Fitting − Hydraulic 90˚ (Incl. Ref. #50)	2
52	75−1040	Cooler − Oil	1

Ref. No.	Part No.	Description	No. Used
53	75−0750	Decal − Backlap	1
53	93−6684	Decal − Backlap (Europe)	1
53	84−3260	Decal − Backlap (Japan)	1
54	218−498	Nut − Lock	2
55	75−3390	Bracket − Backlap	1
56	66−8800	Relay − Glow Plug	1
57	240−3	Grommet	2
58	93−0082	Grommet	2
59	3296−29	Nut − Lock	2
60	322−5	Screw − Cap Hex. Hd.	4
61	93−3623	Strip − Sealing, Radiator	2
62	93−3624	Plate − Retaining	2

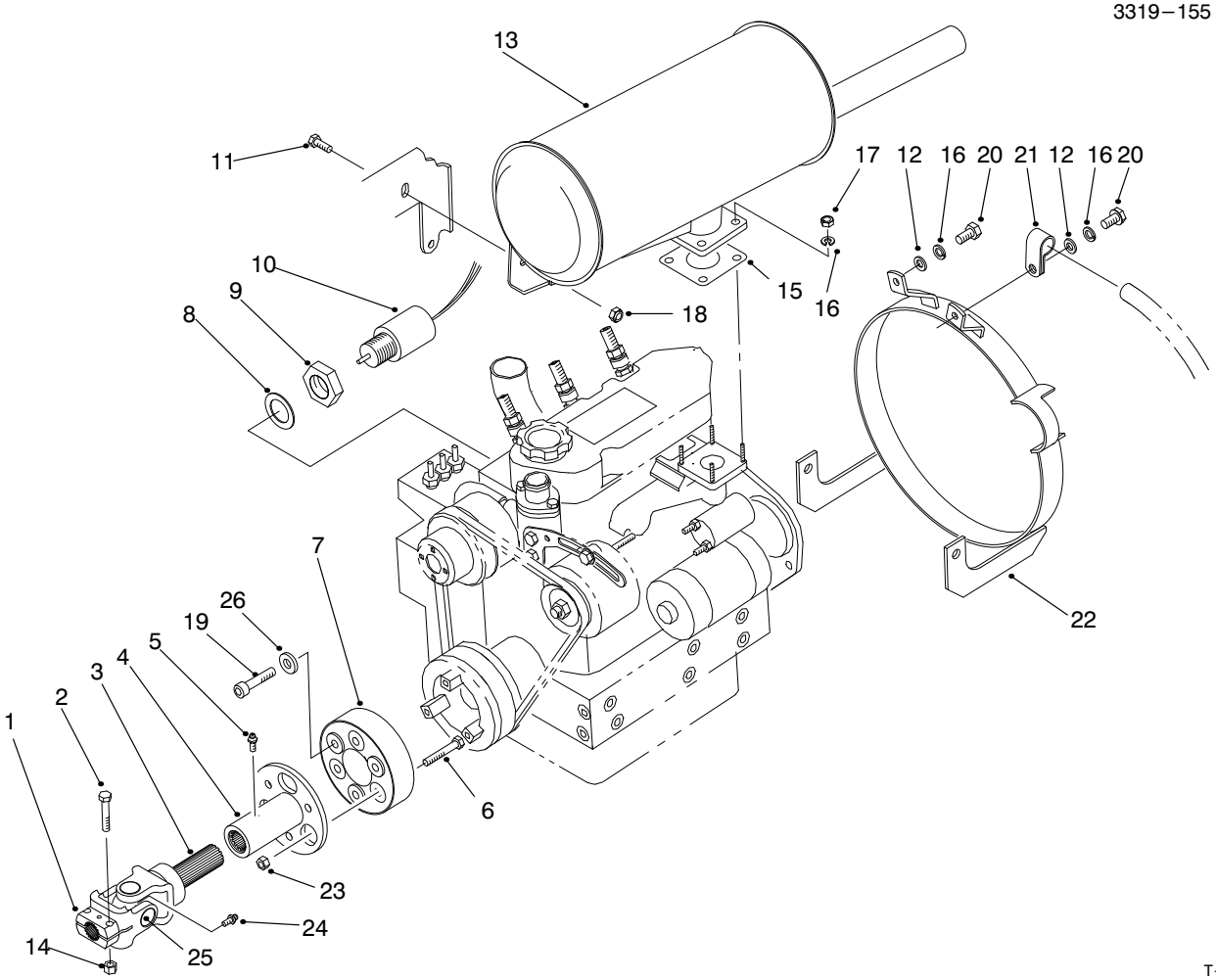
*Not Illustrated



T−2016−1

FAN GUARD & FLYWHEEL SHIELD ASSEMBLY (Europe)

Ref. No.	Part No.	Description	No. Used
1	93−9933	Shield − Flywheel	1
2	321−6	Screw − Cap Hex. Hd.	4
3	3256−22	Washer − Flat	8
4	93−7182	Guard − Fan	1
5	3296−42	Nut − Lock	4



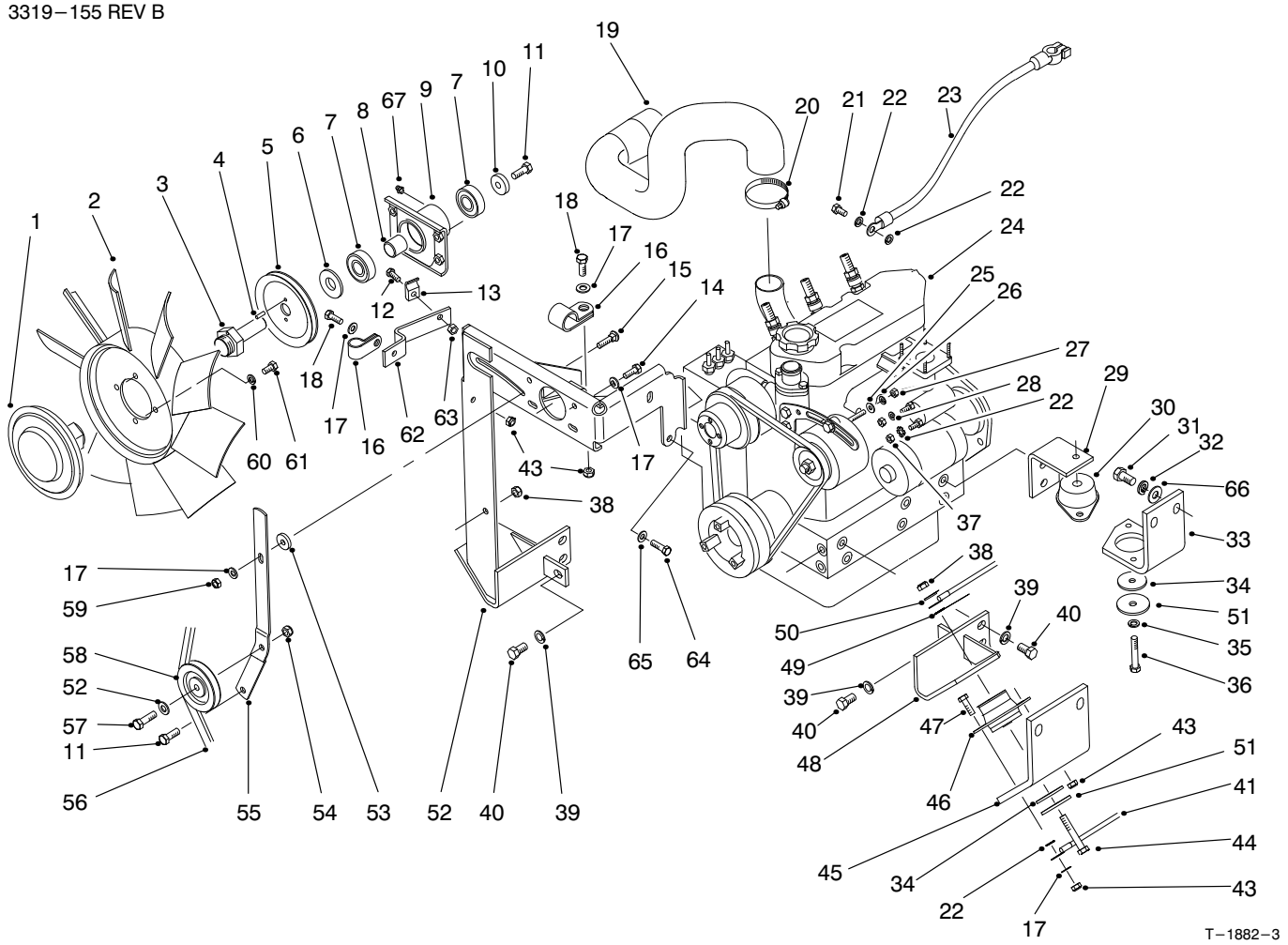
T−1883−1

MUFFLER & PUMP DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	54−9040	Yoke − End	1
2	322−9	Screw − Cap Hex. Hd.	2
3	93−0047	Yoke − Shaft	1
4	93−0045	Yoke − Slip Tube	1
5	302−5	Fitting − Grease	1
6	66−9303	Screw − Cap Hex. Hd.	3
7	86−3040	Coupling − Driveshaft	1
8	43−2740	Gasket	1
9	43−2750	Nut − Lock	1
10	93−3504	Solenoid − Stop	1
11	3234−17	Screw − Cap Hex. Hd.	1
12	3256−70	Washer − Flat	6
13	98−8067	Muffler	1
*	75−6880	Screen − Spark Arrester (Optional)	1
14	3296−29	Nut − Lock	2

Ref. No.	Part No.	Description	No. Used
15	93−3423	Gasket − Muffler	1
16	42−9850	Washer − Lock	6
17	48−7930	Nut − Lock	4
18	32128−20	Nut − Flange Head	1
19	93−9323	Screw −Socket Hd.	3
20	48−7710	Screw − Cap Hex. Hd.	2
21	2412−4	Clamp − R	1
22	93−3644	Guard − Flywheel	1
23	3296−44	Nut − Lock	3
24	62−3820	Fitting − Grease	1
25	54−9180	Kit − U−Joint	1
26	3256−38	Washer − Flat	3
*	93−0047	Assembly − U−Joint (Incl. Ref. 1, 3, & 24−25)	1

*Not Illustrated

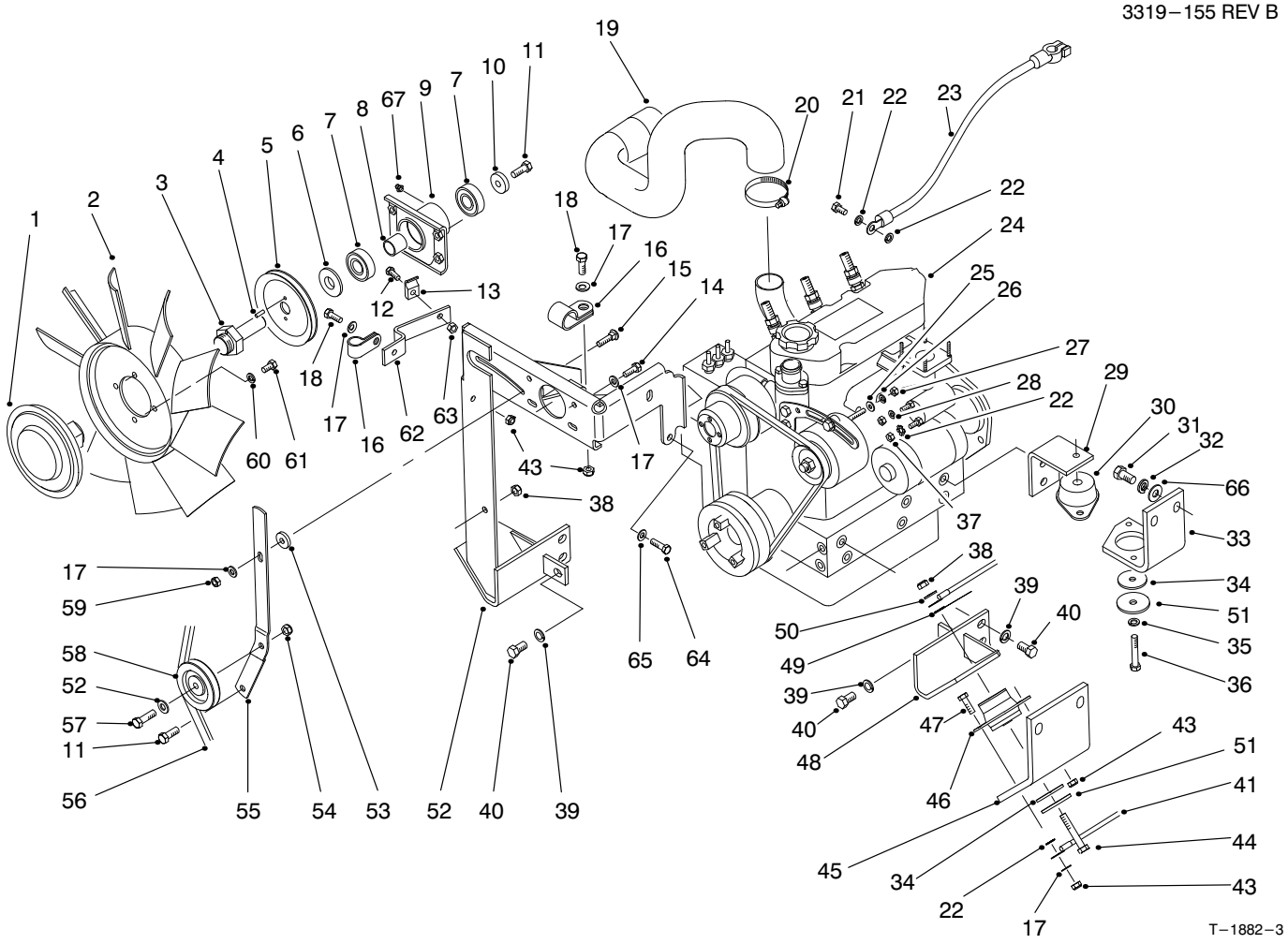


ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74−5520	Clutch − Fan	1
2	75−3780	Fan	1
3	75−6380	Shaft − Fan	1
4	32121−2	Pin − Roll	2
5	75−6390	Pulley − Fan	1
6	47−0110	Spacer − Spindle	1
7	251−318	Bearing − Ball	2
8	75−5310	Spacer − Bearing	1
9	75−4450	Hub − Fan Drive	1
10	67−1630	Spacer − Fan	1
11	323−6	Screw − Cap Hex. Hd.	2
12	321−4	Screw − Cap Hex. Hd.	1
13	3−6657	Clamp − Cable	1
14	322−3	Screw − Cap Hex. Hd.	4
15	3230−2	Bolt − Carriage	1
16	2412−4	Clamp	2
17	3256−23	Washer − Flat	6
18	322−4	Screw − Cap Hex. Hd.	2
19	93−0048	Hose − Air Cleaner	1
20	2412−92	Clamp − Hose	1
21	48−7700	Screw − Cap Hex. Hd.	1
22	3255−8	Washer − Lock	3
23	75−1360	Cable − Battery (Ground)	1

Ref. No.	Part No.	Description	No. Used
24	98−8081	Assembly − Engine	1
25	3256−78	Washer − Flat	1
26	43−5930	Washer − Lock	1
27	48−7890	Nut − Hex.	1
28	42−9850	Washer − Lock	1
29	93−0050	Bracket − Engine L.H. Rear	1
*	94−5579	Bracket − Engine R.H. Rear	1
30	93−0092	Mount − Rubber, Rear	2
31	3213−2	Screw − Cap Hex. Hd.	8
32	3253−7	Washer − Lock	8
33	93−0093	Bracket − Eng. Left Rear	1
*	93−3621	Bracket − Eng. Right Rear	1
34	70−8040	Washer − Flat	4
35	3253−21	Washer − Lock	1
36	323−10	Screw − Cap Hex. Hd. LH	1
*	323−13	Screw − Cap Hex. Hd. RH	1
37	57−6390	Nut − Lock	2
38	3296−39	Nut − Lock	4
39	48−8070	Washer − Lock	10
40	42−9250	Screw − Cap Hex. Hd.	10
41	70−8220	Cable − Ground	1
43	3296−29	Nut − Lock	10
44	323−54	Screw − Cap Hex. Hd.	2

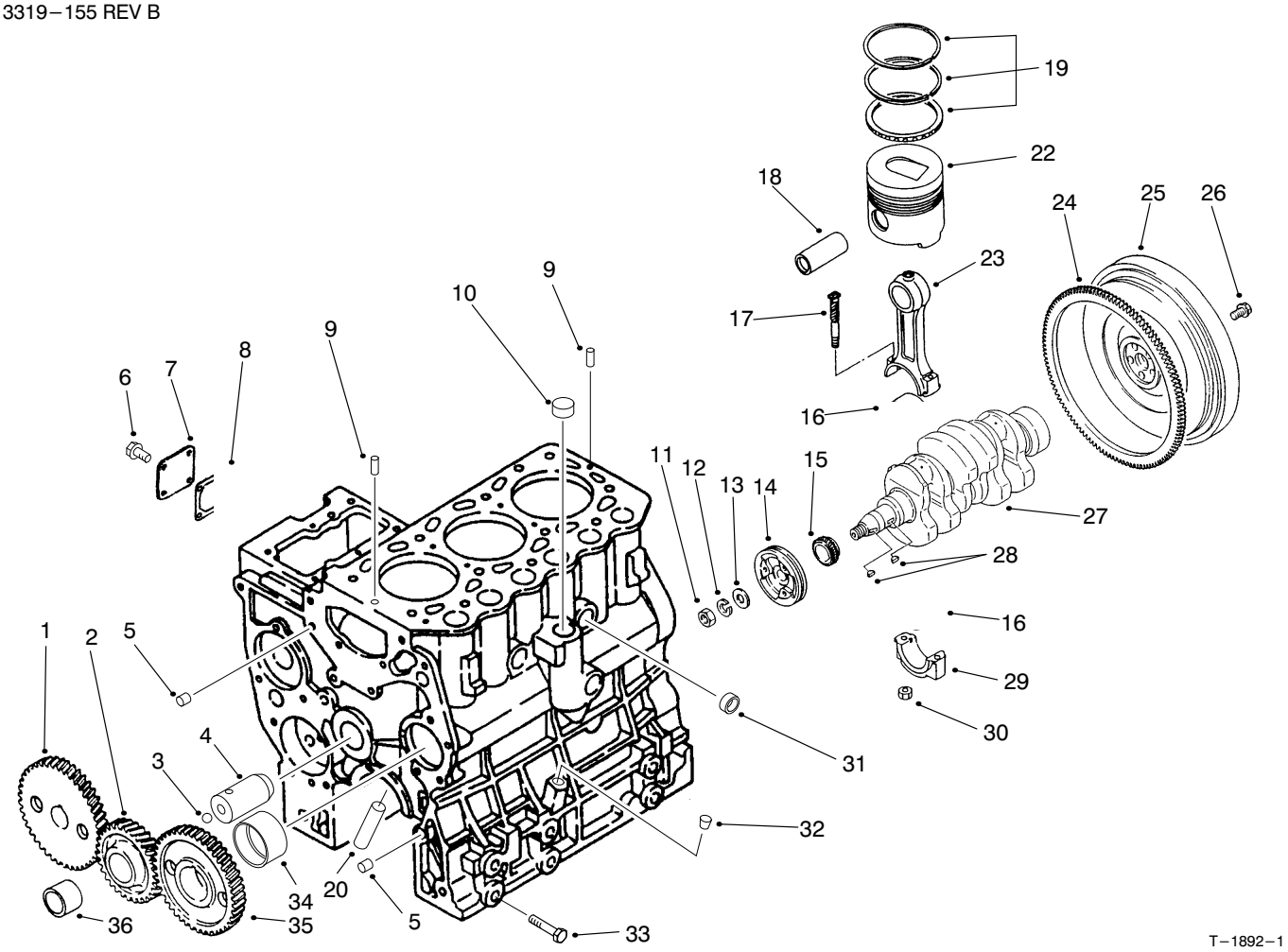
*Not Illustrated



ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	93−0095	Bracket − Eng. Front	2
46	53−9680	Mount − Engine	2
47	322−6	Screw − Cap Hex. Hd.	8
48	93−0051	Bracket − Engine L.H. Front	1
49	3255−9	Washer − Lock E.T.L.W.	1
50	3256−24	Washer − Flat	4
51	87−5100	Washer − Snubbing	4
52	93−0054	Bracket − Fan	1
53	27−9560	Spacer	1
54	3296−59	Nut − Lock	1
55	93−0043	Bracket − Fan Idler	1
56	93−0062	Belt − V	1

Ref. No.	Part No.	Description	No. Used
57	323−7	Screw − Cap Hex. Hd.	1
58	63−8140	Pulley − Idler	1
59	32149−1	Nut − Lock	1
60	3253−4	Washer − Lock	4
61	322−2	Screw − Cap Hex. Hd.	4
62	93−0074	Support − Cable	1
63	3296−42	Nut − Lock	1
64	42−9300	Screw − Cap Hex. Hd.	1
65	42−9600	Washer − Flat	1
66	3256−40	Washer − Flat	4
67	302−10	Fitting − Grease 45°	1



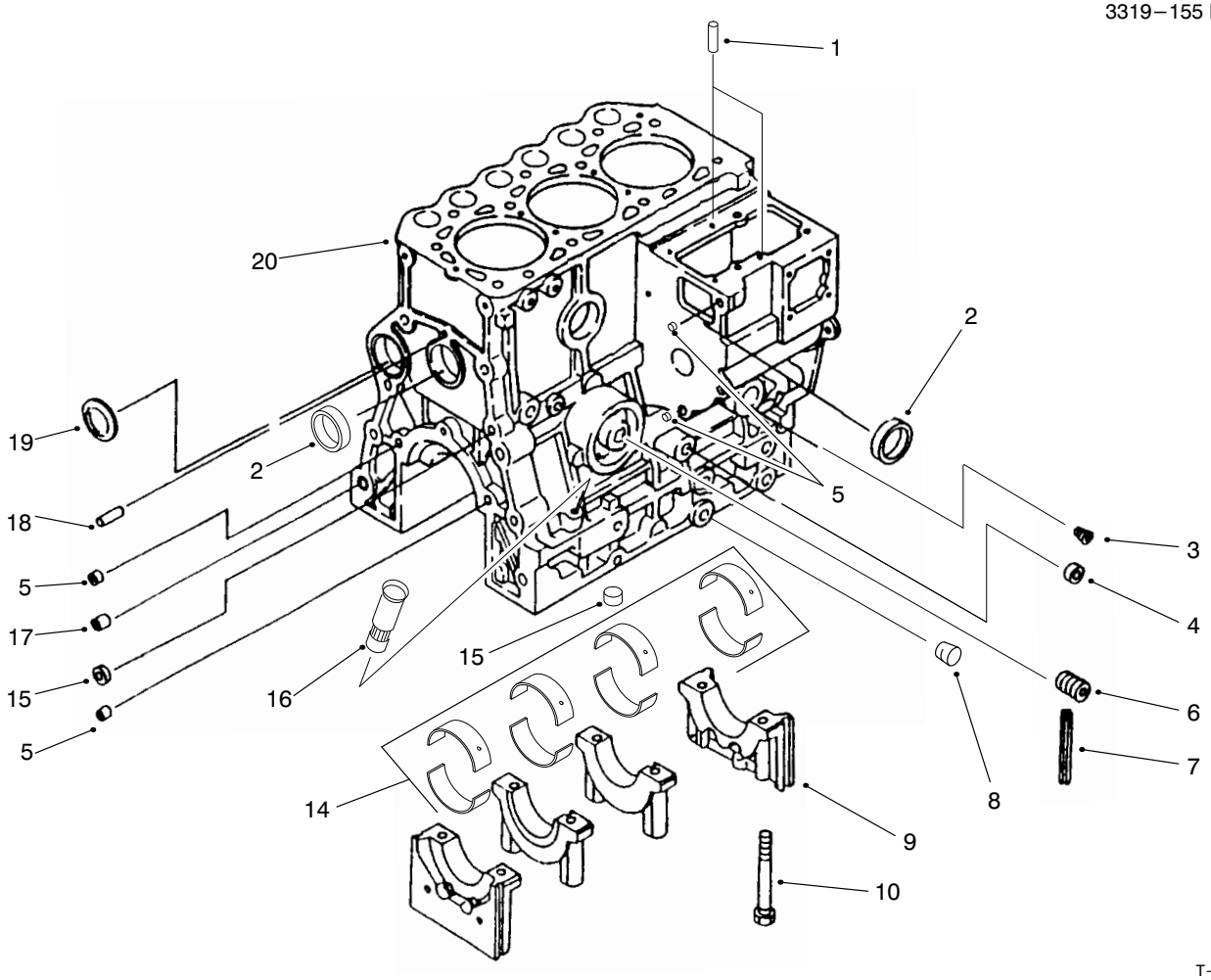
T−1892−1

TIMING GEAR, PISTON, FLYWHEEL & CRANKSHAFT

Ref. No.	Part No.	Description	No. Used
1	93−3351	Gear − Pump, Injection	1
2	93−3352	Assembly − Idler, Gear (Incl. Ref. #36)	1
3	93−3364	Ball − Steel	1
4	93−3363	Assembly − Shaft, Idler (Incl. Ref. #3)	1
5	42−7190	Bushing	2
6	42−9440	Bolt W/Washer	4
7	93−3360	Cover	1
8	93−3361	Gasket − Cover	1
9	93−3365	Pin − Dowel	2
10	93−3366	Cap − Sealing	1
11	93−3356	Nut	1
12	93−3355	Washer − Spring	1
13	42−9810	Washer − Plain	1
14	93−3357	Pulley − Crankshaft	1
15	93−3359	Gear − Crankshaft	1
16	93−3370	Bearing − Con−Rod	6
*	95−9608	Set − Con Rod Brg U.S. 0.25	3
*	95−9609	Set − Con Rod Brg U.S. 0.50	3
*	95−9610	Set − Con Rod Brg U.S. 0.75	3
17	93−3373	Bolt − Connecting	6
18	93−3374	Pin − Piston	3

Ref. No.	Part No.	Description	No. Used
19	93−3375	Ring Set − Piston	3
*	93−3379	Set − Ring, Piston O.S. 0.25	3
*	93−3380	Set − Ring, Piston O.S. 0.50	3
20	93−3596	Pipe − Oil Inlet	3
22	93−3376	Piston − Std.	3
*	93−3377	Piston − O.S. 0.25	3
*	93−3378	Piston − O.S. 0.50	3
23	93−3371	Asm. − Rod, Connecting (Incl. Ref. #16, 17 & 29−30)	3
24	43−1810	Ring − Gear	1
25	93−3358	Assembly − Sub, Flywheel (Incl. Ref. #24)	1
26	54−8670	Bolt	4
27	93−3354	Crankshaft	1
28	42−7730	Key − Woodruff	2
29		Cap − Rod, Connecting	3
30	93−3372	Nut	6
31	93−3369	Cap − Sealing	2
32	93−3367	Plug − Taper	1
33	42−9250	Bolt	4
34	93−3362	Bushing − Camshaft	1
35	93−3350	Gear − Camshaft	1
36	93−3353	Bushing − Idler	1

*Not Illustrated



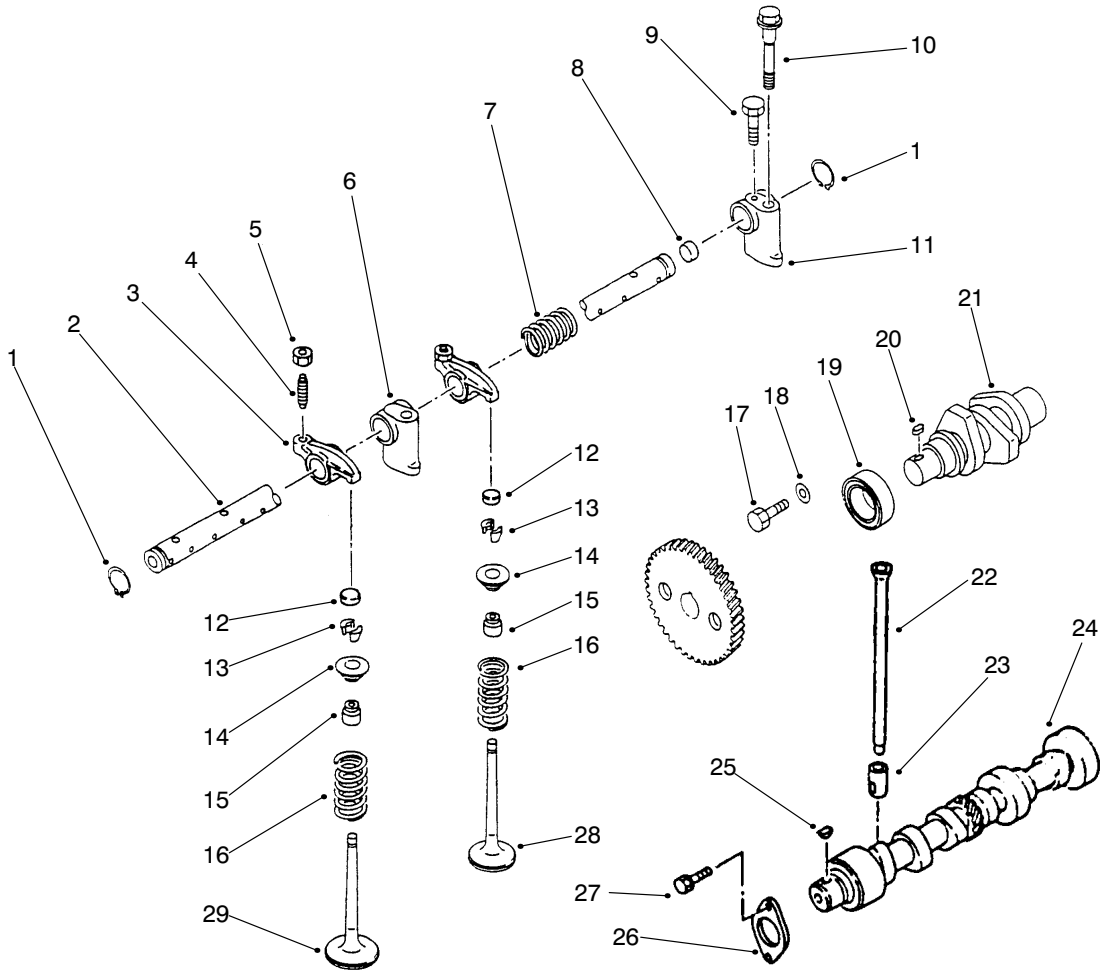
T−1893−1

CYLINDER BLOCK AND BEARING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	56−0220	Pin − Dowel	2
2	93−3381	Cap − Sealing	2
3	67−2570	Plug − Taper	1
4	93−3382	Cap − Sealing	1
5	42−7180	Bushing	4
6	56−1230	Shaft	1
7	93−3383	Seal − Side	4
8	56−0100	Plug − Taper	1
9	93−3385	Cap − Metal	1
10	42−9210	Bolt − Cap, Bearing	8

Ref. No.	Part No.	Description	No. Used
14	93−3387	Bearing − Set Std.	1
*	93−3597	Bearing − Set U.S. 0.25 mm	1
*	93−3388	Bearing − Set U.S. 0.50 mm	1
*	93−3389	Bearing − Set U.S. 0.75 mm	1
15	93−3386	Cap − Sealing	3
16	72−6950	Retainer	1
17	42−7200	Bushing	1
18	42−7160	Pin − Dowel	1
19	42−7170	Plug − Expansion	1
20	93−3384	Cylinder Block Assembly (Incl. Ref. # 2, 9, & 10. Also #31, 32, & 34 on Page 36)	1

*Not Illustrated



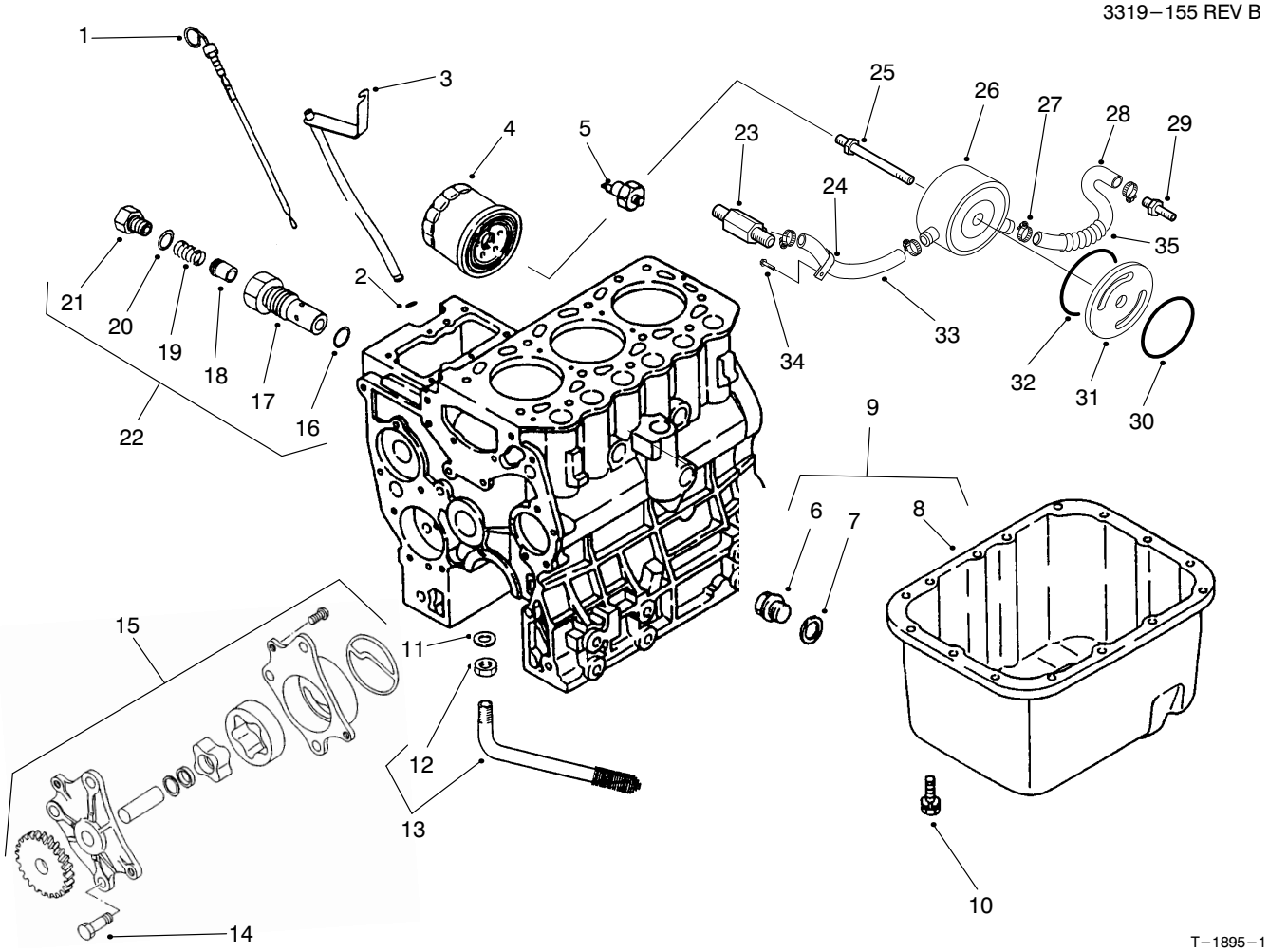
T−1894−1

VALVE, CAMSHAFT AND ROCKER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	42−7990	Ring − Snap	2
2		Shaft − Rocker	1
3		Rocker	6
4	93−3401	Screw − Rocker	6
5	70−2970	Nut − Jam	6
6	93−3403	Bracket − Shaft, Rocker	2
7	93−3406	Spring − Rocker	2
8	93−3405	Cap − Sealing	2
9	93−3399	Bolt	1
10	93−3407	Bolt − Bracket, Rocker	3
11	93−3402	Bracket, Shaft, Rocker	1
12	93−3397	Cap − Valve	6
13	42−7860	Seal	6
14	67−3100	Retainer	6
15	92−1961	Seal	6
16	93−3396	Spring − Valve	6
17	93−3410	Bolt W/Washer	1

Ref. No.	Part No.	Description	No. Used
18	42−9820	Washer	1
19	93−3409	Bearing	1
20	42−7840	Key − Sunk	1
21	93−3408	Shaft − Pump, Fuel Inject.	1
22	93−3411	Rod − Push	6
23	42−7890	Tappet	6
24	93−3412	Camshaft	1
25	42−7730	key − Woodruff	1
26	60−7390	Plate − Thrust	1
27	67−2340	Bolt W/Washer	2
28	93−3395	Valve − Exhaust	3
29	93−3394	Valve − Inlet	3
*	93−3404	Assembly − Shaft (Incl. Ref. #2 & 8)	1
*	93−3400	Assembly − Rocker (Incl. Ref. #3−5)	1

*Not Illustrated

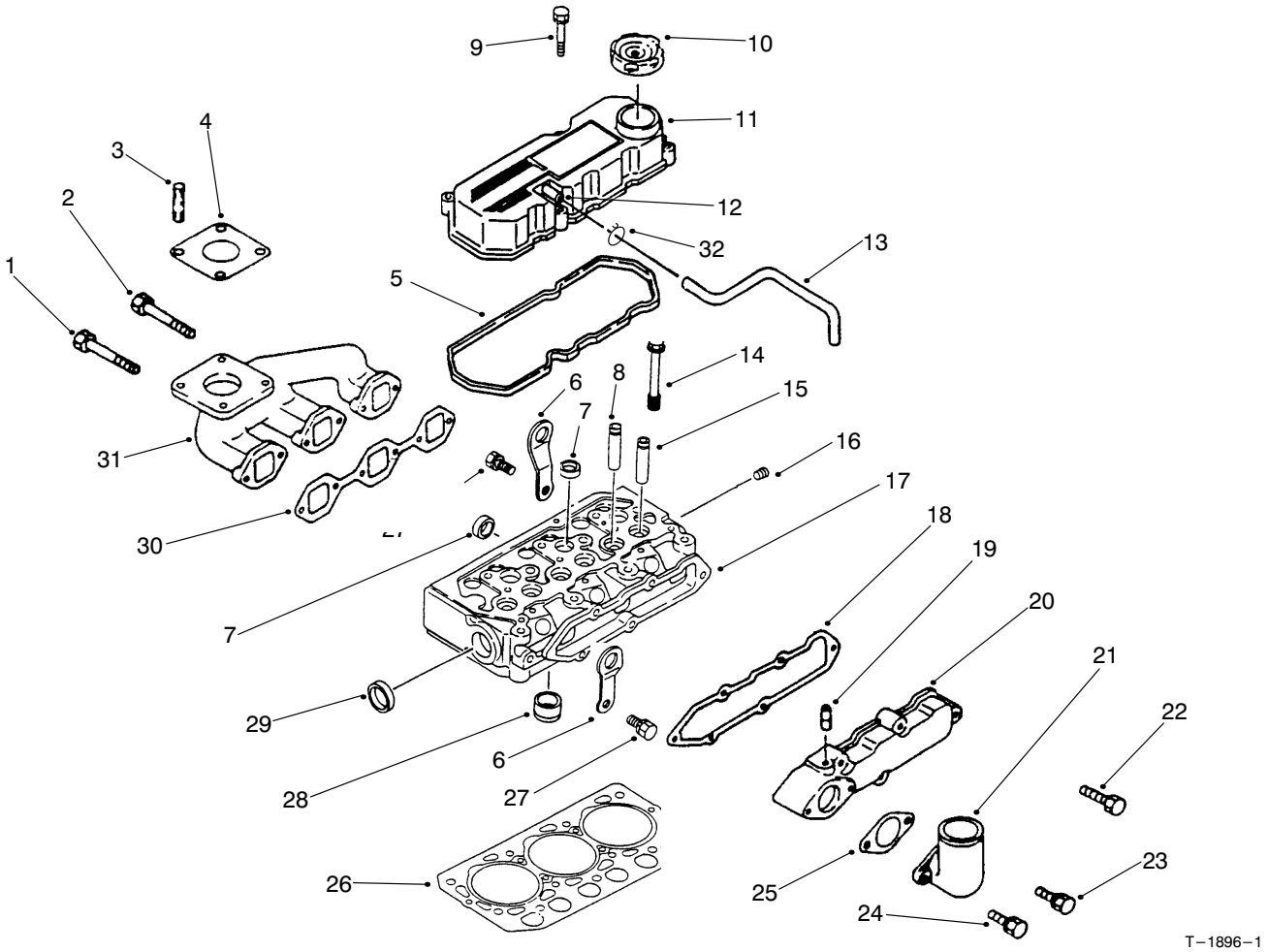


T−1895−1

OIL PAN, PUMP RELIEF VALVE

Ref. No.	Part No.	Description	No. Used
1	93−3418	Gauge − Level, Oil	1
2	42−8830	O−Ring	1
3	93−7013	Guide − Gauge, Oil Level	1
4	93−4295	Assembly − Filter, Oil	1
5	56−1310	Switch − Oil	1
6	92−1920	Plug − Drain	1
7	92−1921	Gasket − Plug, Drain	1
8		Pan − Oil	1
9	93−3422	Assembly − Pan, Oil (Incl. Ref. #6 − 8)	1
10	67−2340	Bolt W/Washer	15
11	93−3414	Gasket	1
12	48−1990	Nut − Jam	1
13	93−3413	Assembly − Strainer (Incl. Ref. #12)	1
14	93−3421	Bolt	3
15	93−3420	Assembly − Pump, Oil	1
16	93−3417	Gasket	1
17	93−3416	Housing	1
18	67−2500	Plunger	1
19	42−8930	Spring	1
20	42−7290	Gasket	1
21	67−2520	Plug	1
22	93−3415	Assembly − Valve, Relief (Incl. Ref. #16−21)	1
23	93−4291	Fitting − Pump, Water	1
24	93−4296	Clamp−R	1
25	93−4290	Connector − Cooler	1
26	93−4285	Cooler − Oil, Engine	1
27	93−4297	Clamp − Hose	4
28	93−4289	Hose − Cooler, Outlet	1
29	93−4288	Fitting − Block, Engine	1
30	93−4287	O−Ring	1
31	93−4284	Spacer − Cooler, Engine	1
32	93−4286	O−Ring	1
33	93−4294	Hose − Cooler, Inlet	1
34	42−9440	Bolt with Washer	1
35	98−0659	Cover − Spiral Tube	1
*	93−3599	Gasket − Liquid (for Oil Pan)	1

* Not Illustrated.

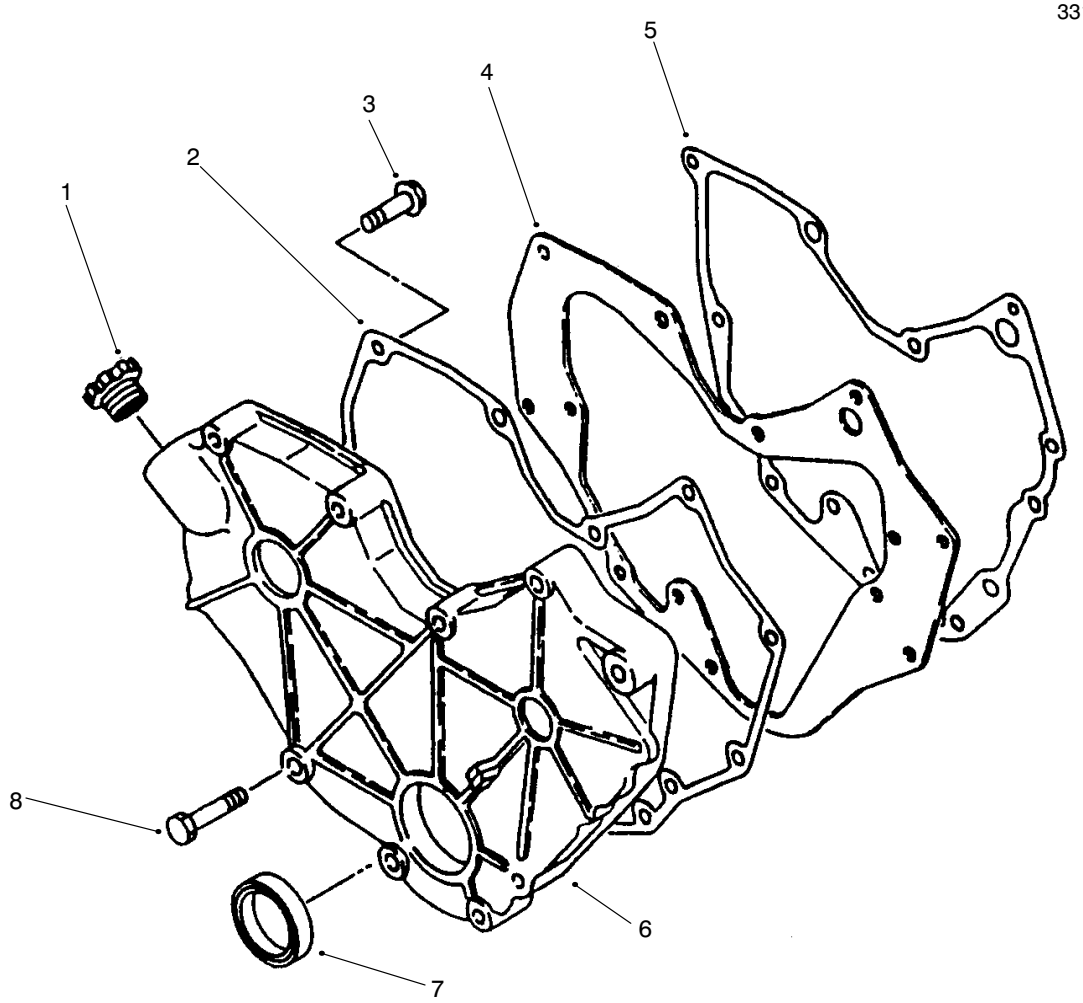


CYLINDER HEAD, MANIFOLD & COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67−4580	Bolt	2
2	60−7280	Bolt	4
3	42−9570	Stud	4
4	93−3423	Gasket	1
5	93−3424	Gasket − Cover, Rocker	1
6	42−7440	Hanger − Engine	2
7	42−7080	Cap − Sealing	5
8	93−3425	Guide − Valve, In	3
9	93−3435	Bolt W/Washer	4
10	42−7420	Cap − Oil	1
11	93−3433	Assy. − Cover, Rocker (Ref. #12)	1
12	42−7510	Pipe	1
13	93−3594	Hose − Breather	1
14	93−3426	Bolt − Head, Cylinder	11
15	93−3427	Guide − Valve	3
16	67−2570	Plug − Taper	1

Ref. No.	Part No.	Description	No. Used
17	98−7399	Cylinder Head Assembly (Ref. #7, 8, 15, 28 & 29)	1
18	93−3434	Gasket − Cover, Inlet	1
19	93−3598	Cap − Sealing	1
20	93−3438	Assy. − Cover, Inlet (Ref. #19)	1
21	93−3440	Pipe − Inlet	1
22	92−2143	Bolt W/Washer	5
23	93−3442	Bolt W/Washer	1
24	93−3443	Bolt W/Washer	1
25	93−3441	Gasket − Pipe, Inlet	1
26	93−3431	Gasket − Head, Cylinder	1
27	93−3432	Bolt W/Washer	2
28	93−3430	Jet − Combustion	3
29	93−3381	Cap − Sealing	1
30	93−3436	Gasket − Exhaust	1
31	93−3437	Asm. − Manifold, Exhaust	1
32	93−3595	Clip − Hose	1

*Not Illustrated

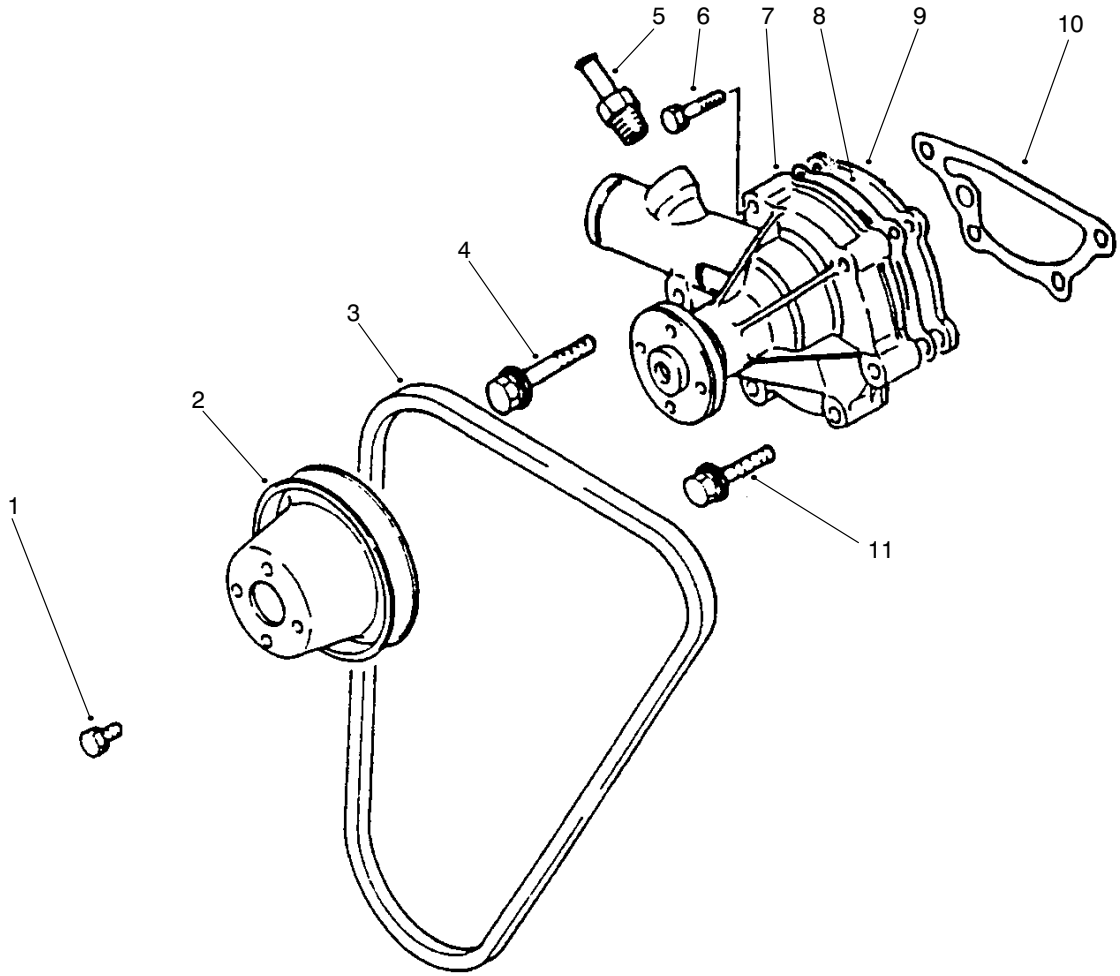


T−1897−1

TIMING GEAR CASE

Ref. No.	Part No.	Description	No. Used
1	93−3444	Cap − Filler	1
2	93−3445	Gasket − Gear	1
3	67−2340	Bolt W/Washer	7
4	93−3446	Plate − Front	1

Ref. No.	Part No.	Description	No. Used
5	93−3447	Gasket − Plate, Front	1
6	93−3448	Case − Gear	1
7	42−7390	Seal − Oil	1
8	93−3449	Bolt	8

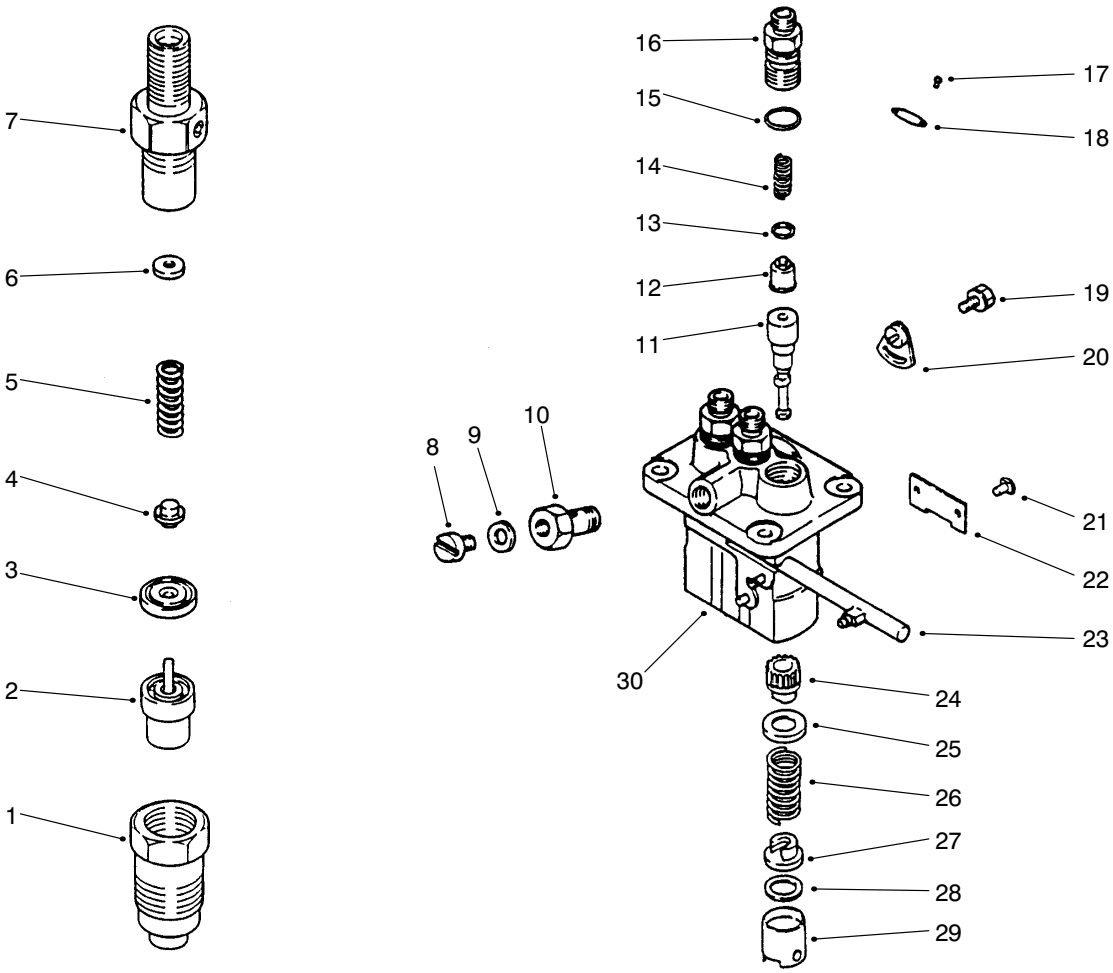


T−1898−1

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−3459	Bolt W/Washer	4
2	93−3458	Pulley − Pump, Water	1
3	93−3460	V−Belt	1
4	93−3456	Bolt W/Washer	3
5	93−3452	Joint	1
6	93−3451	Bolt W/Washer	2

Ref. No.	Part No.	Description	No. Used
7	93−3450	Assembly − Pump, Water (Incl. Ref. #5−6 & 8−9)	1
8	93−3453	Gasket	1
9	93−3454	Plate	1
10	93−3455	Gasket − Pump, Water	1
11	93−3457	Bolt W/Washer	1



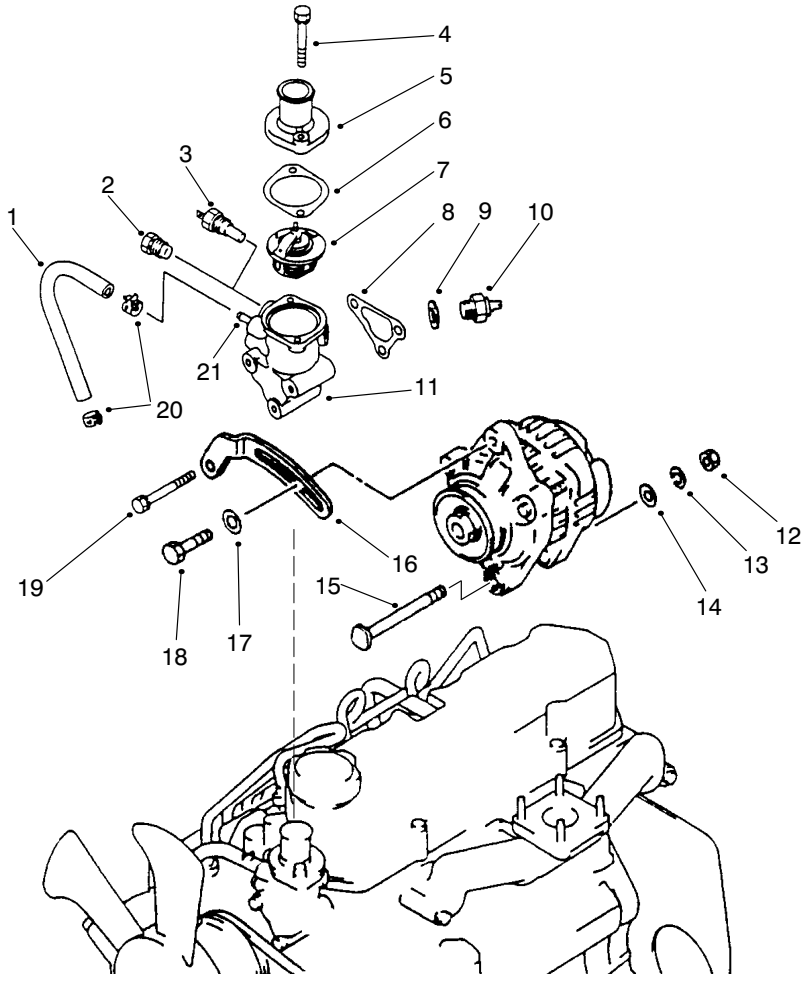
T−1899−1

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	72−0270	Nut − Retaining	3
2	93−3503	Assembly − Nozzle	3
3	72−0280	Piece − Distance	3
4	93−3502	Pin − Pressure	3
5	93−3501	Spring − Pressure	3
6	93−3491	Washer − 1.25 mm	A/R
*	93−3492	Washer − 1.3 mm	A/R
*	93−3493	Washer − 1.35 mm	A/R
*	93−3494	Washer − 1.4 mm	A/R
*	93−3495	Washer − 1.45 mm	A/R
*	93−3496	Washer − 1.5 mm	A/R
*	93−3497	Washer − 1.55 mm	A/R
*	93−3498	Washer − 1.6 mm	A/R
*	93−3499	Washer − 1.65 mm	A/R
*	93−3500	Washer − 1.7 mm	A/R
7	93−3490	Assembly − Sub, Body	3
8	93−3480	Screw − Bleeder, Air	1
9	93−3481	Washer − Union , Pipe	1
10	93−3479	Screw − Hollow	1
11	93−3467	Assembly − Sub, Element	3
12	93−3466	Assembly − Sub, Valve	3
13	93−3465	Gasket − Delivery, Valve	3
14	93−3464	Spring − Delivery, Valve	3
15	93−3474	O−Ring	3
16	93−3463	Holder − Delivery, Valve	3
17	93−3488	Rivet	2

Ref. No.	Part No.	Description	No. Used
18	93−3487	Plate − Name	1
19	93−3478	Bolt − Washer Head	2
20	93−3477	Plate − Adjusting	2
21	93−3475	Pin − Guide, Tappet	3
22	93−3476	Plate	1
23	93−3472	Assembly − Control, Rack	1
24	93−3468	Sleeve − Control	3
25	93−3469	Seat − Spring, Upper	3
26	93−3470	Spring − Plunger	3
27	93−3473	Seat − Spring, Lower	3
28	70−3970	Plate − Shim .6 mm	A/R
*	70−4070	Plate − Shim .2 mm	A/R
*	70−4080	Plate − Shim .3 mm	A/R
*	70−4090	Plate − Shim .4 mm	A/R
*	70−4100	Plate − Shim .5 mm	A/R
*	93−3482	Plate − Shim .25 mm	A/R
*	93−3483	Plate − Shim .35 mm	A/R
*	93−3484	Plate − Shim .45 mm	A/R
*	93−3485	Plate − Shim .55 mm	A/R
*	93−3486	Plate − Shim .65 mm	A/R
29	93−3471	Assembly − Sub, Tappet	3
30	93−3462	Assembly − Sub, Housing	1
*	93−3461	Assembly − Pump, Fuel (Incl. Ref. #8−30)	1
*	93−3489	Assembly − Nozzle & Holder (Incl. Ref. #1−7)	1

*Not Illustrated

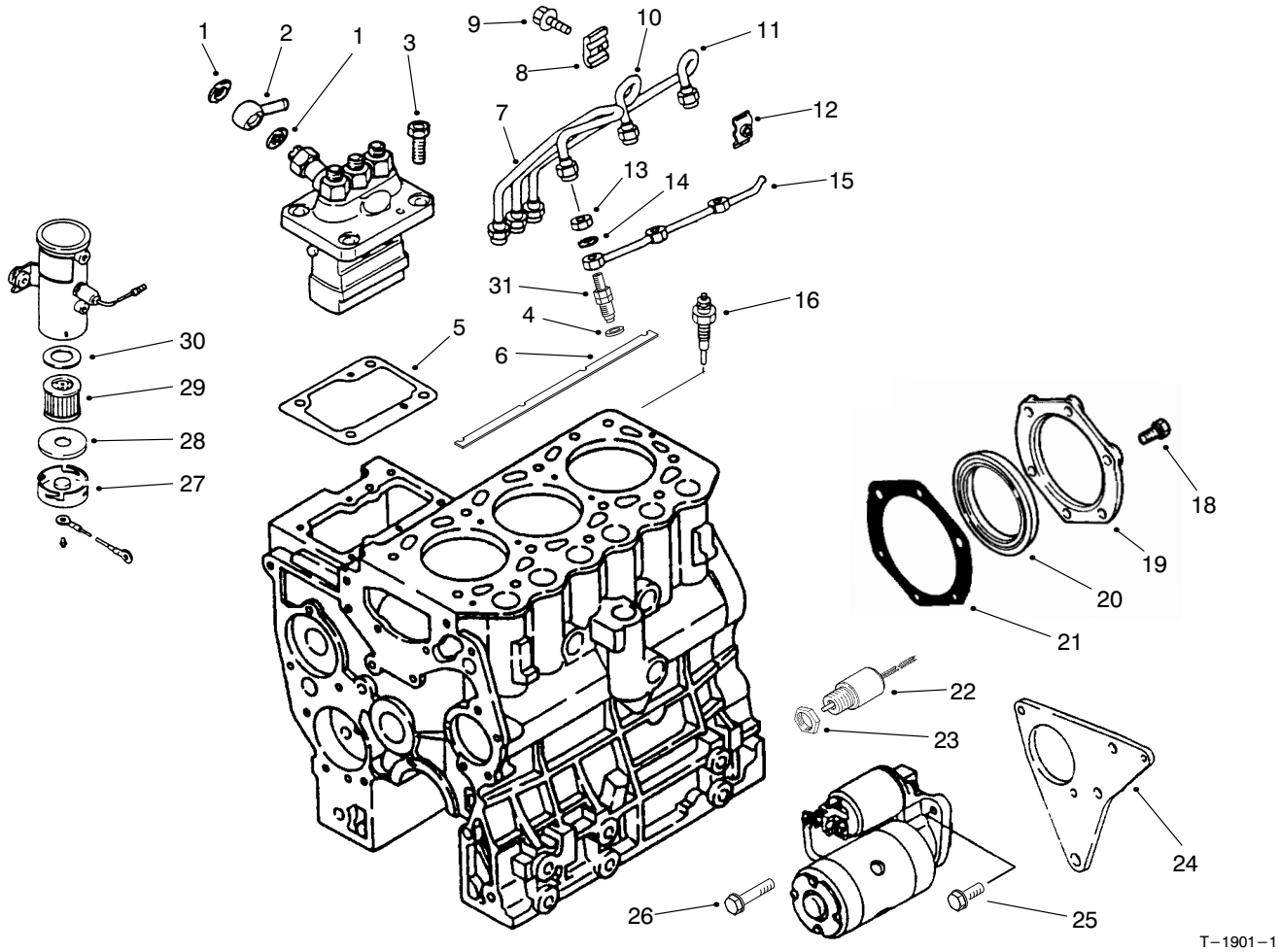


T−1900−1

THERMOSTAT AND ALTERNATOR MOUNT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−3523	Assembly − Hose, Fuel (Incl. Ref. #20)	1
2	93−3528	Plug	1
3	67−4510	Gauge	1
4	56−2020	Bolt W/Washer	2
5	56−1360	Fitting − Outlet, Water	1
6	42−7550	Gasket	1
7	93−3524	Thermostat	1
8	93−3521	Gasket − Case, Thermostat	1
9	93−3527	Gasket	1
10	93−3526	Switch	1

Ref. No.	Part No.	Description	No. Used
11	93−3519	Assembly − Case, Therm. (Incl. Ref. #21)	1
12	93−3509	Nut	1
13	93−3510	Washer − Spring	1
14	93−3511	Washer − Plain	1
15	93−3512	Bolt − Alternator	1
16	93−3508	Plate − Adjusting	1
17	54−8660	Washer	1
18	67−4660	Bolt − Flange Head	1
19	93−3522	Bolt W/Washer	3
20	56−1400	Clip	2
21	93−3520	Pipe	1



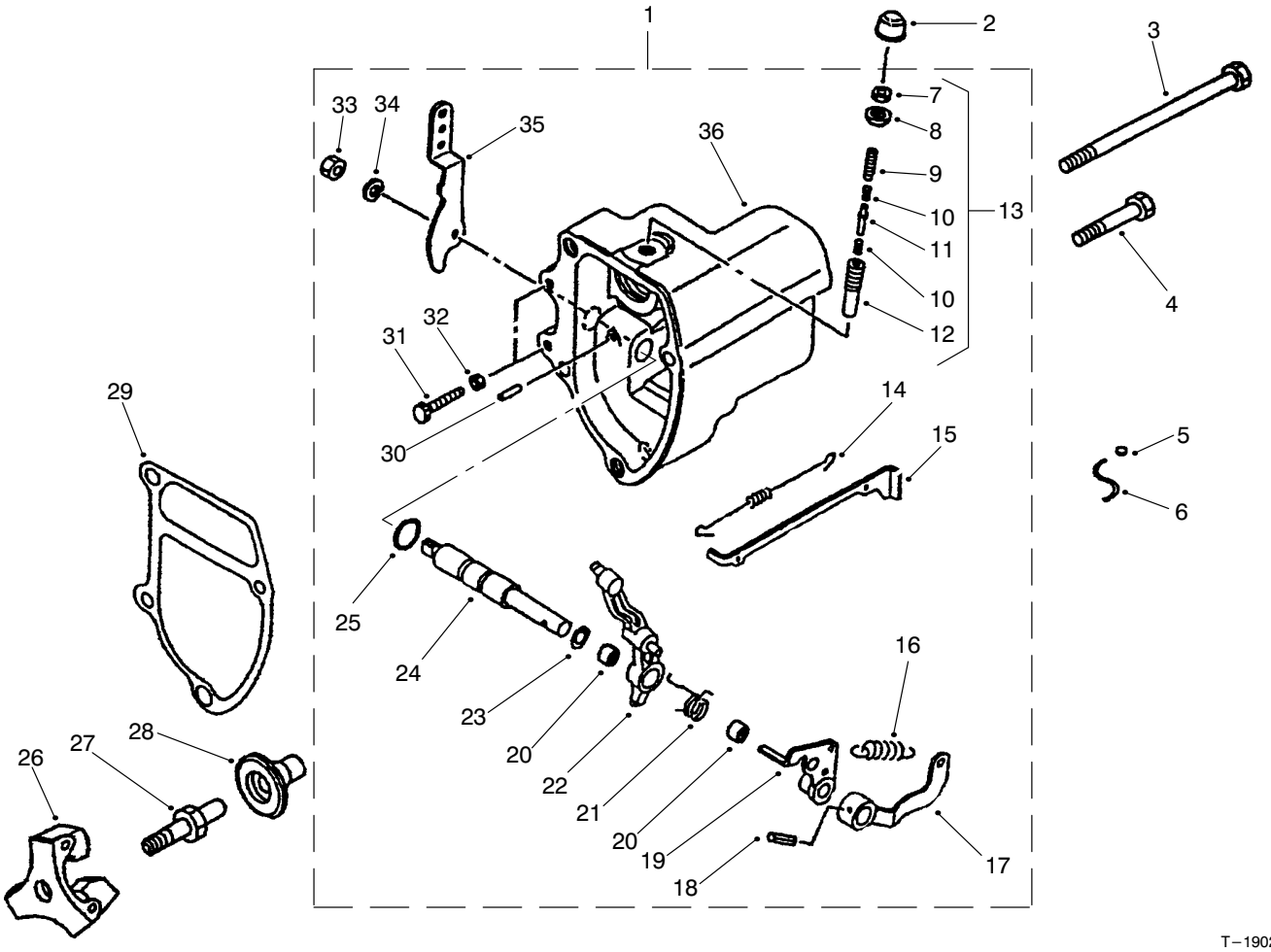
T−1901−1

FUEL AND STARTER SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	42−9830	Washer − Seal	2
2	93−3518	Nipple − Swivel	1
3	93−3517	Bolt	4
4	67−3390	Gasket − Holder	3
5	42−8010	Shim − 0.2 mm	A/R
*	42−8020	Shim − 0.3 mm	A/R
*	42−8030	Shim − 0.4 mm	A/R
*	42−8040	Shim − 0.5 mm	A/R
*	42−8050	Shim − 0.6 mm	A/R
*	42−8060	Shim − 0.7 mm	A/R
*	42−8070	Shim − 0.8 mm	A/R
*	42−8080	Shim − 0.9 mm	A/R
*	42−8090	Shim − 1.0 mm	A/R
6	93−3507	Plate − Connection	1
7	93−3513	Pipe − Injector No.1	1
8	56−0750	Clamp A	2
9	43−2860	Bolt W/Washer	2
10	93−3514	Pipe − Injector No.2	1
11	93−3515	Pipe − Injector No.3	1
12	56−0760	Clamp B	2

Ref. No.	Part No.	Description	No. Used
13	67−3430	Nut	3
14	67−3440	Gasket − Return, Fuel	3
15	93−3516	Pipe − Leak Off, Fuel	1
16	95−3035	Plug − Glow	3
18	93−3393	Bolt	5
19	93−3390	Case − Seal, Oil	1
20	93−3392	Seal − Oil	1
21	93−3391	Gasket − Seal, Oil	1
22	93−3504	Assembly − Solenoid	1
23	43−2750	Nut	1
24	93−3505	Bracket − Starter	1
25	42−9240	Bolt W/Washer	3
26	67−2440	Bolt W/Washer	2
27	43−2580	Magnet	1
28	43−2560	Gasket	1
29	43−2550	Filter	1
30	43−2570	Gasket	1
31	93−3489	Nozzle & Holder Assembly	3
*	53−8150	Assembly − Pump, Electric (Incl. Ref. #27−30)	1

*Not Illustrated

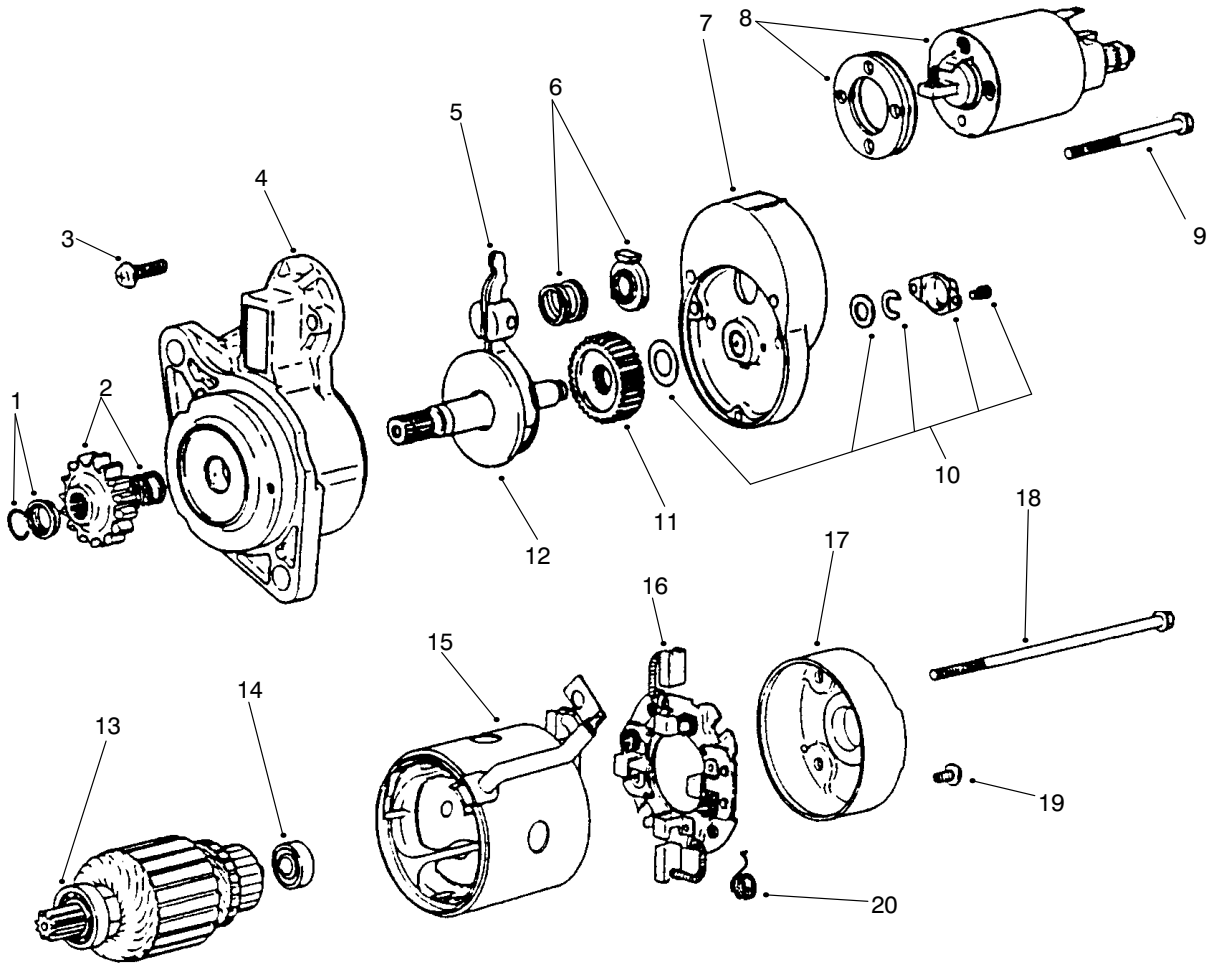


T−1902−1

GOVERNOR

Ref. No.	Part No.	Description	No. Used
1	93−3529	Assembly − Case, Governor	1
2	67−4240	Cap	1
3	93−3554	Bolt − Case, Governor	1
4	93−3553	Bolt	3
5	42−8690	Metal	1
6	93−3552	Wire	1
7	67−4180	Nut	1
8	67−4200	Nut	1
9	67−4220	Screw − Adjusting	1
10	93−3537	Spring − Torque	2
11	93−3536	Stopper	1
12	67−4210	Case	1
13	93−3535	Spring Set − Torque (Incl. Ref. #7−12)	1
14	93−3547	Spring − Rod, Tie	1
15	93−3546	Rod − Tie	1
16	93−3534	Spring − Governor	1
17	93−3542	Lever − Spring, Governor	1
18	93−3530	Pin − Spring	1

Ref. No.	Part No.	Description	No. Used
19	93−3543	Lever − Tension	1
20	42−7310	Bearing − Needle	2
21	93−3538	Spring − Start	1
22	93−3544	Lever − Governor	1
23	93−3539	Shim − Shaft, Governor	1
24	93−3545	Shaft − Governor	1
25	93−3531	O−Ring	1
26	93−3549	Shaft − Sleeve, Sliding	1
27	93−3550	Sleeve − Sliding	1
28	93−3551	Weight	1
29	93−3548	Gasket − Case, Governor	1
30	42−8810	Pin − Grooved	1
31	93−3533	Bolt − Speed Set	2
32	67−4290	Nut	2
33	93−3532	Nut − Jam	1
34	67−3260	Washer − Spring	1
35	93−3540	Lever − Speed	1
36	93−3541	Case − Governor	1



T−1903−1

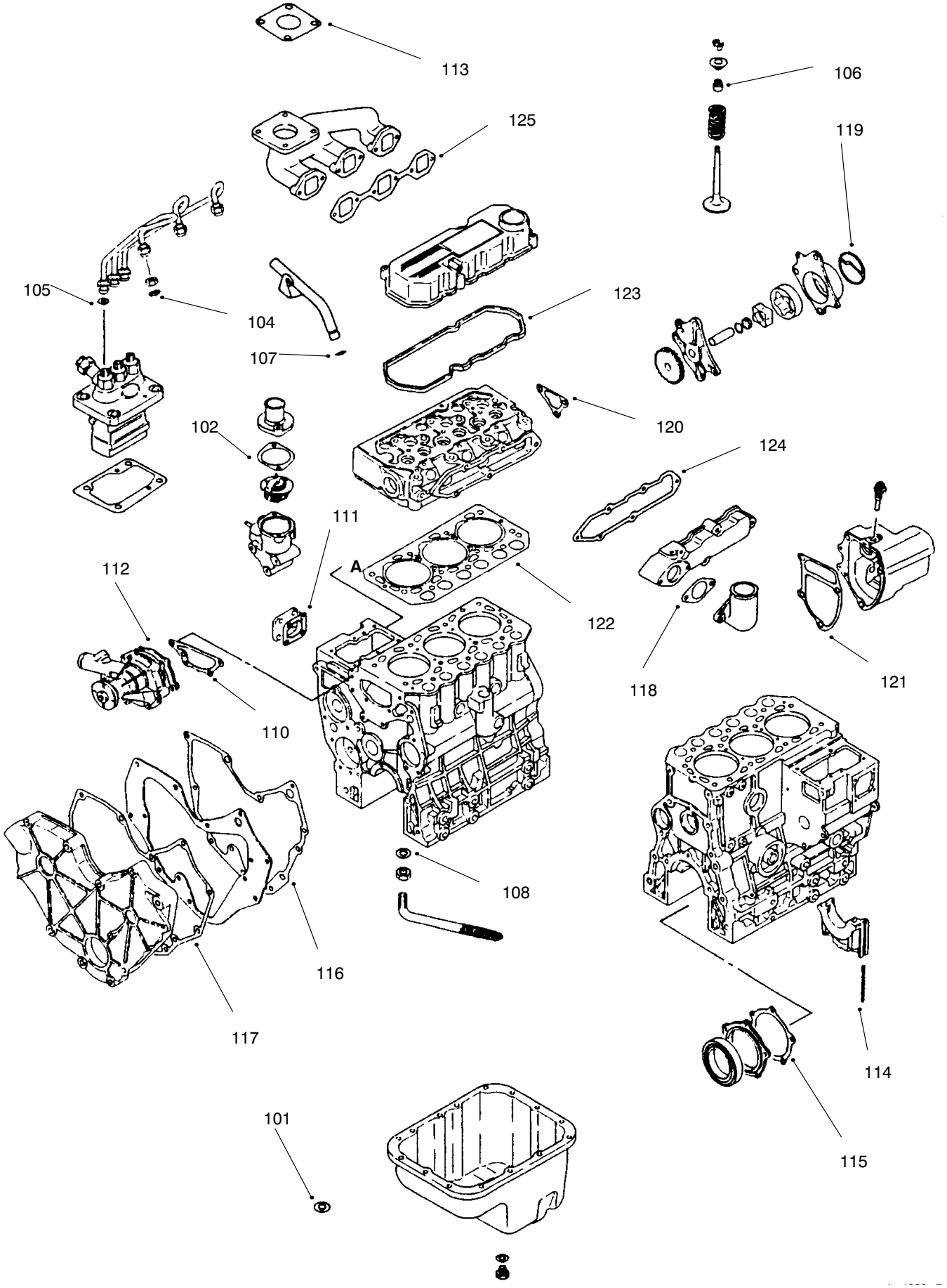
STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−3576	Stopper Set	1
2	93−3567	Pinion Set (Incl. Ref. #1)	1
3	93−3556	Screw Set (Incl. Ref. #19)	1
4	93−3557	Assembly − Bracket, Front	1
5	93−3558	Assembly − Lever	1
6	93−3559	Spring Set	1
7	93−3560	Assembly − Bracket, Center	1
8	93−3561	Assembly − Switch	1
9	93−3572	Bolt Set	1
10	93−3570	Cover Set	1
11	93−3569	Gear	1
12	67−4790	Assembly − Shaft, Pinion	1
13	93−3563	Bearing − Front	1
14	93−3564	Bearing − Rear	1

Ref. No.	Part No.	Description	No. Used
15	93−3571	Assembly − Yoke	1
16	93−3573	Assembly − Holder (Incl. Ref. 20)	1
17	93−3575	Assembly − Bracket, Rear	1
18	93−3565	Bolt Set	2
19	93−3556	Screw	1
20	93−3574	Spring − Brush	4
21	93−3568	Gear Set (Incl. Ref. #11−12)	1
*	93−3566	Assembly − Shaft, Clutch (Incl. Ref. #2, 10 & 21)	1
*	93−3562	Armature Set (Incl. Ref. #13−14)	1
*	93−3555	Assembly − Starter (Incl. Ref. #1−21)	1

*Not Illustrated

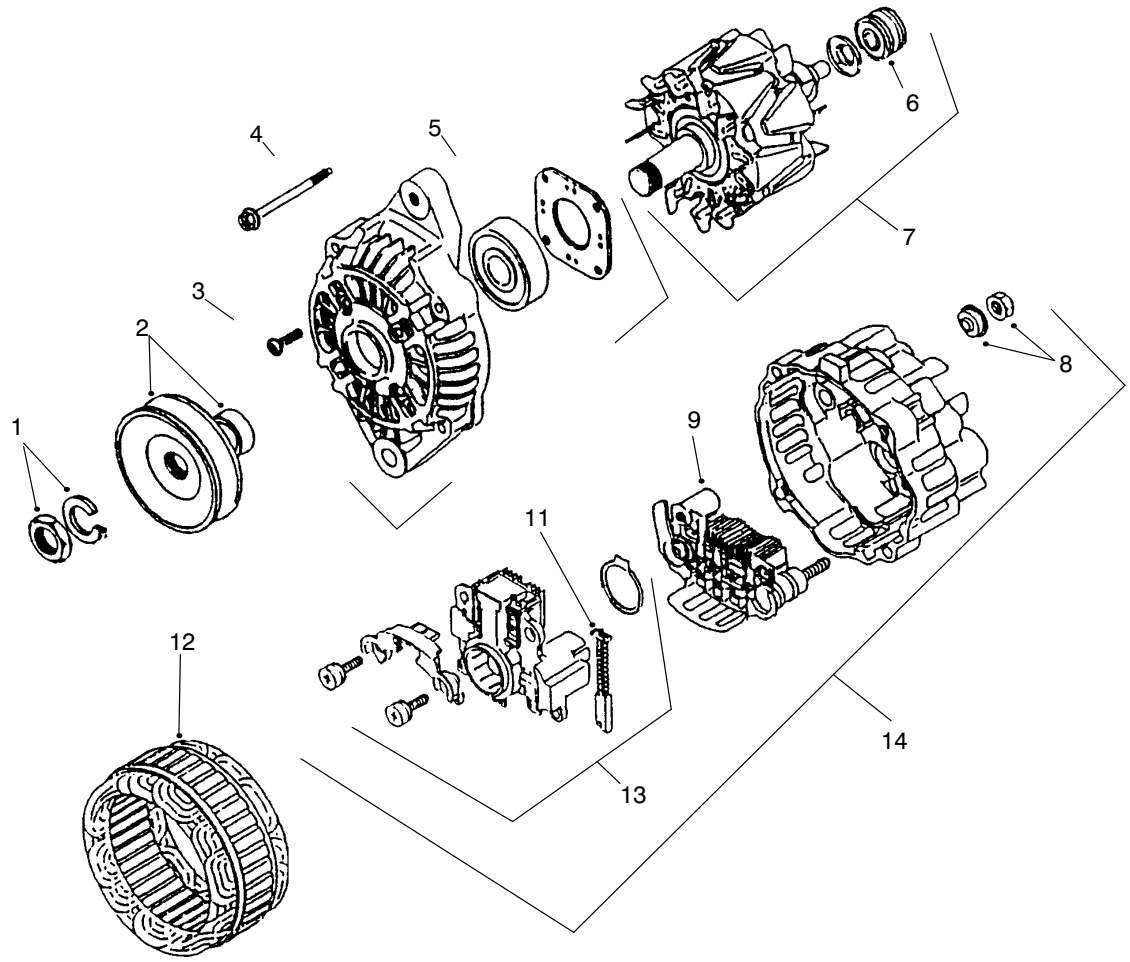
OVERHAUL GASKET KIT



OVERHAUL GASKET KIT

Ref. No.	Part No.	Description	No. Used
101	93−3417	Gasket	1
102	42−7550	Gasket	1
104	67−3440	Gasket − Fuel Return	3
105	67−3390	Gasket − Holder	3
106	92−1961	Seal − Valve Stem	6
107	42−8830	O−Ring	1
108	93−3414	Gasket	1
110	93−3455	Gasket − Water Pump	1
111	93−3361	Gasket − Tie Rod Cover	1
112	93−3453	Gasket − Water Pump	1
113	93−3423	Gasket	1
114	93−3383	Seal − Side	4
115	93−3391	Gasket − Oil Seal Case	1
116	93−3447	Gasket − Front Plate	1
117	93−3445	Gasket − Gear	1
118	93−3441	Gasket − Inlet Pipe	1
119	93−3593	Packing − Body	1
120	93−3521	Gasket − Thermo Case	1
121	93−3548	Gasket − Governor Case	1
122	93−3431	Gasket − Cylinder Head	1
123	93−3424	Gasket − Rocker	1
124	93−3434	Gasket − Inlet Cover	1
125	93−3436	Gasket − Exhaust	1
*	98−3320	Kit− Gasket, Complete	1

*Not Illustrated



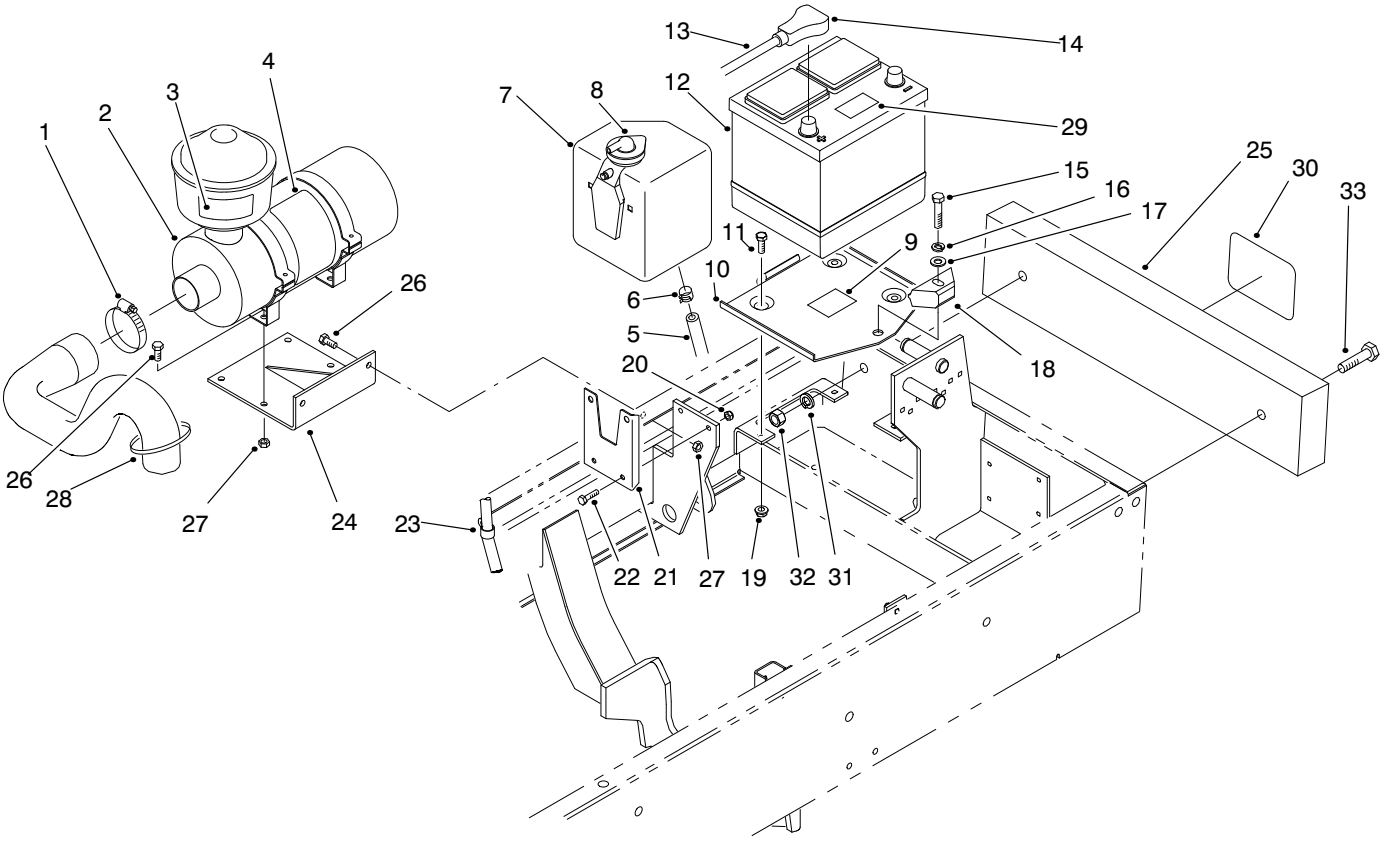
T−1904−1

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−3578	Nut − Set	1
2	93−3579	Assembly − Pulley	1
3	93−3582	Screw Set	1
4	93−3580	Bolt Set	1
5	93−3583	Bearing − Front	1
6	93−3585	Bearing − Rear	1
7	93−3584	Assembly − Rotor	1
8	93−3591	Nut − Set	1

Ref. No.	Part No.	Description	No. Used
9	93−3590	Assembly − Rectifier	1
10	93−3581	Assembly − Bracket, Front	1
11	93−3589	Brush	2
12	93−3586	Assembly − Stator	1
13	93−3588	Regulator Set	1
14	93−3587	Assembly − Bracket, Rear	1
*	93−3577	Assembly − Alternator (Incl. Ref. #1−14)	1

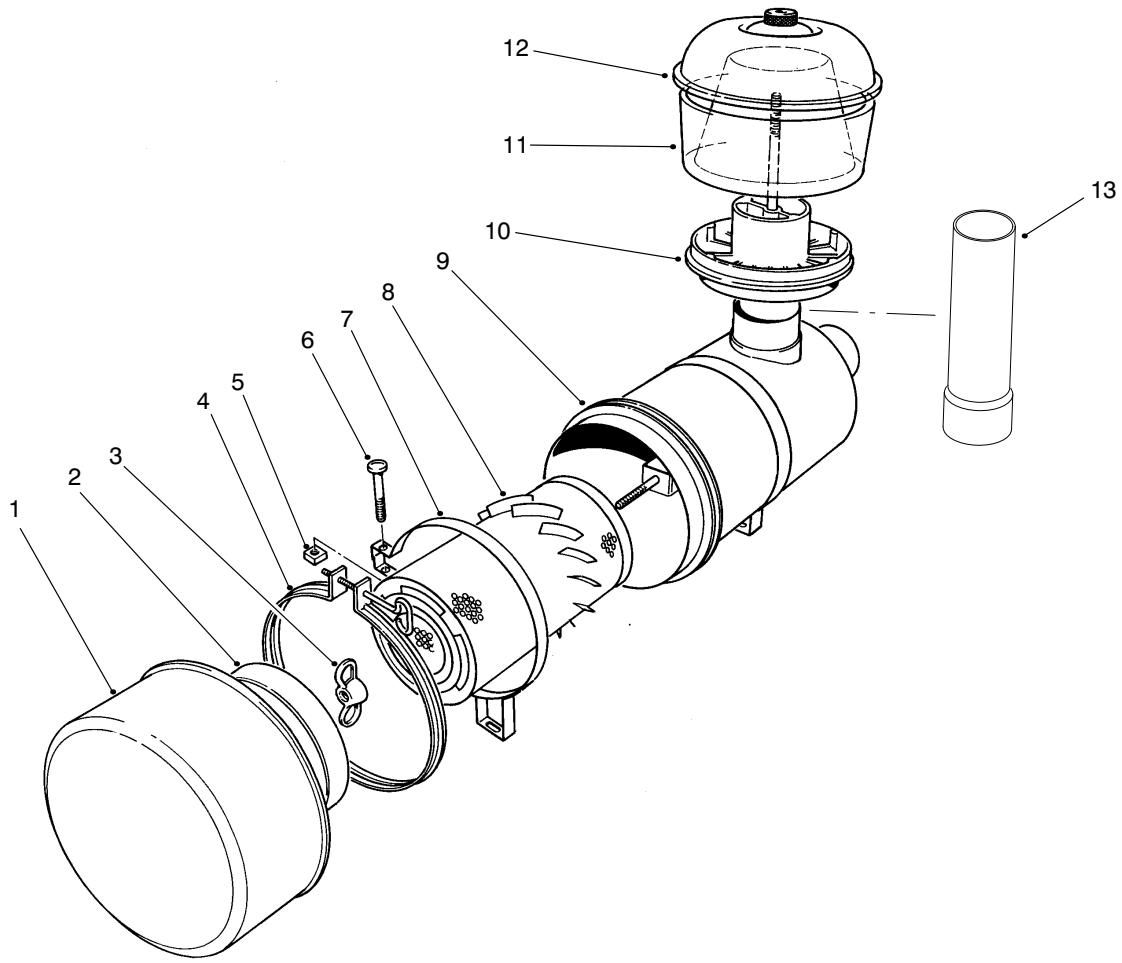
*Not Illustrated



T−1881−2

ENGINE COMPONENTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412−42	Clamp − Hose	1
2	48−4220	Assembly − Air Cleaner (Incl. Ref. #4)	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	27−7160	Decal − Instructions	1
4	93−8052	Decal − Instructions (Europe)	1
5	75−2851	Hose − Expansion Tank	1
6	92−2379	Clamp − Hose	1
7	63−7380	Assembly − Expansion Tank (Incl. Ref. #8)	1
8	71−1520	Cap − Expansion Tank	1
9	93−6668	Decal − Battery (Europe)	
10	66−2330	Base − Battery	1
11	322−4	Screw − Cap Hex. Hd.	3
12		Battery (Type 26, 530 Amp.)	1
13	75−1370	Asm. − Battery Cable (+) (Incl. Ref. #14)	1
14	28−1280	Boot − Cable	1
15	323−9	Screw − Cap Hex. Hd.	1
16	3253−21	Washer − Lock	1
17	3256−24	Washer − Flat	1
18	66−2490	Clamp − Battery	1
19	32128−20	Nut − Lock	3
20	32128−33	Nut − Lock	2
21	75−4250	Bracket − Expansion Tank	1
22	321−6	Screw − Cap Hex. Hd.	2
23	2412−41	Clamp − R	1
24	94−4923	Bracket − Air Cleaner	1
25	75−6680	Bar − Weight (Europe)	1
26	322−5	Screw − Cap Hex. Hd.	6
27	3296−29	Nut − Lock	6
28	3290−378	Tie − Cable	1
29	93−7276	Decal − Danger (Europe)	1
30	62−5550	Decal − Toro (Europe)	1
31	3253−27	Washer − Lock (Europe)	2
32	3217−9	Nut − Hex. (Europe)	2
33	325−12	Screw − Cap Hex. Hd. (Europe)	2



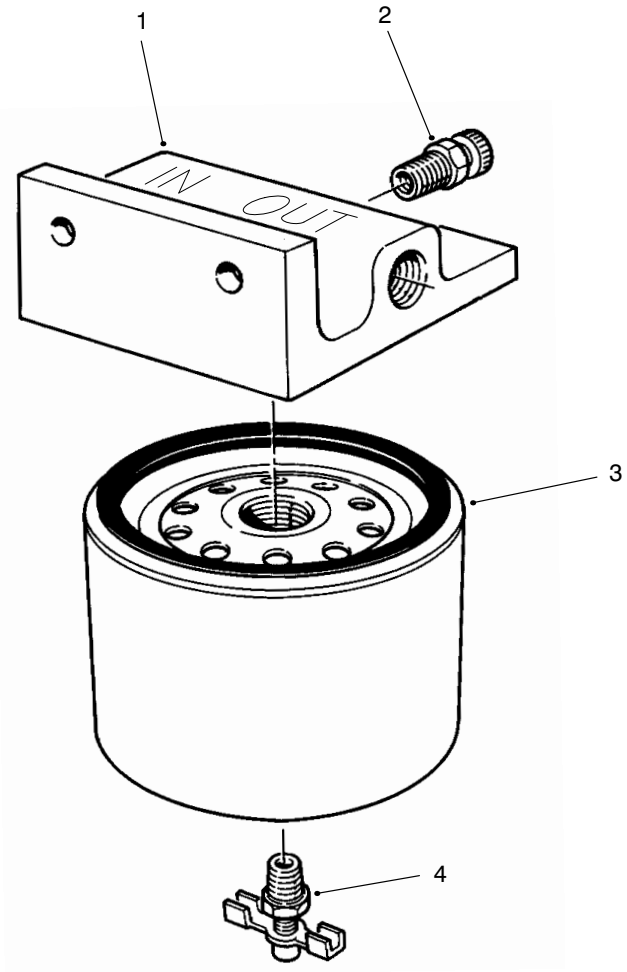
T−0126−1

AIR CLEANER ASSEMBLY

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

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

*Not Illustrated
†Not Serviceable Separately



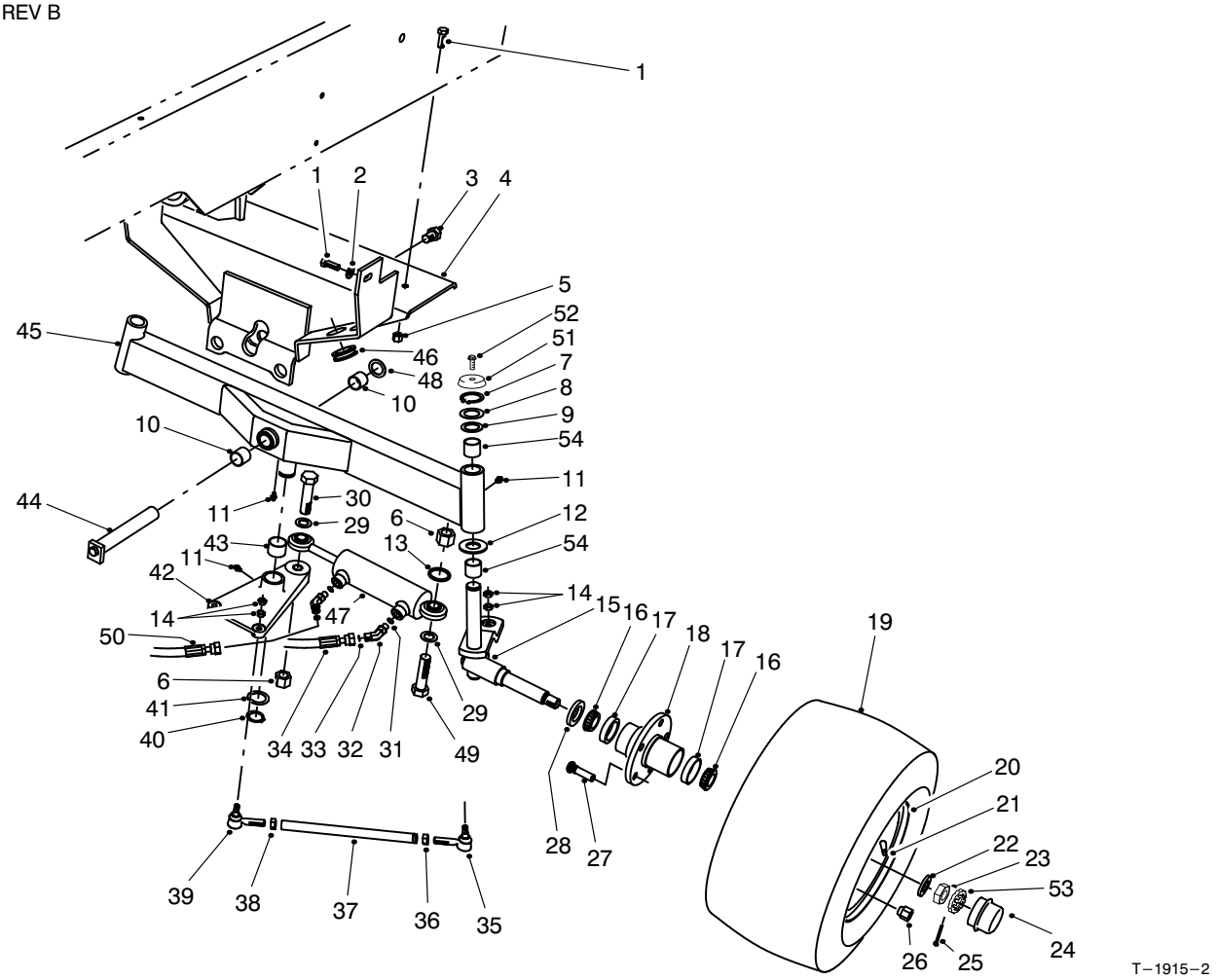
T−1934−1

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63−8280	Head−Filter, Fuel (Incl. Ref. #2)	1
2	63−8290	Vent−Air	1

Ref. No.	Part No.	Description	No. Used
3	63−8300	Element−Spin−On (Incl. Ref. #4)	1
4	63−8310	Valve−Drain	1
*	63−8300	Assembly − Fuel Filter	1

*Not Illustrated

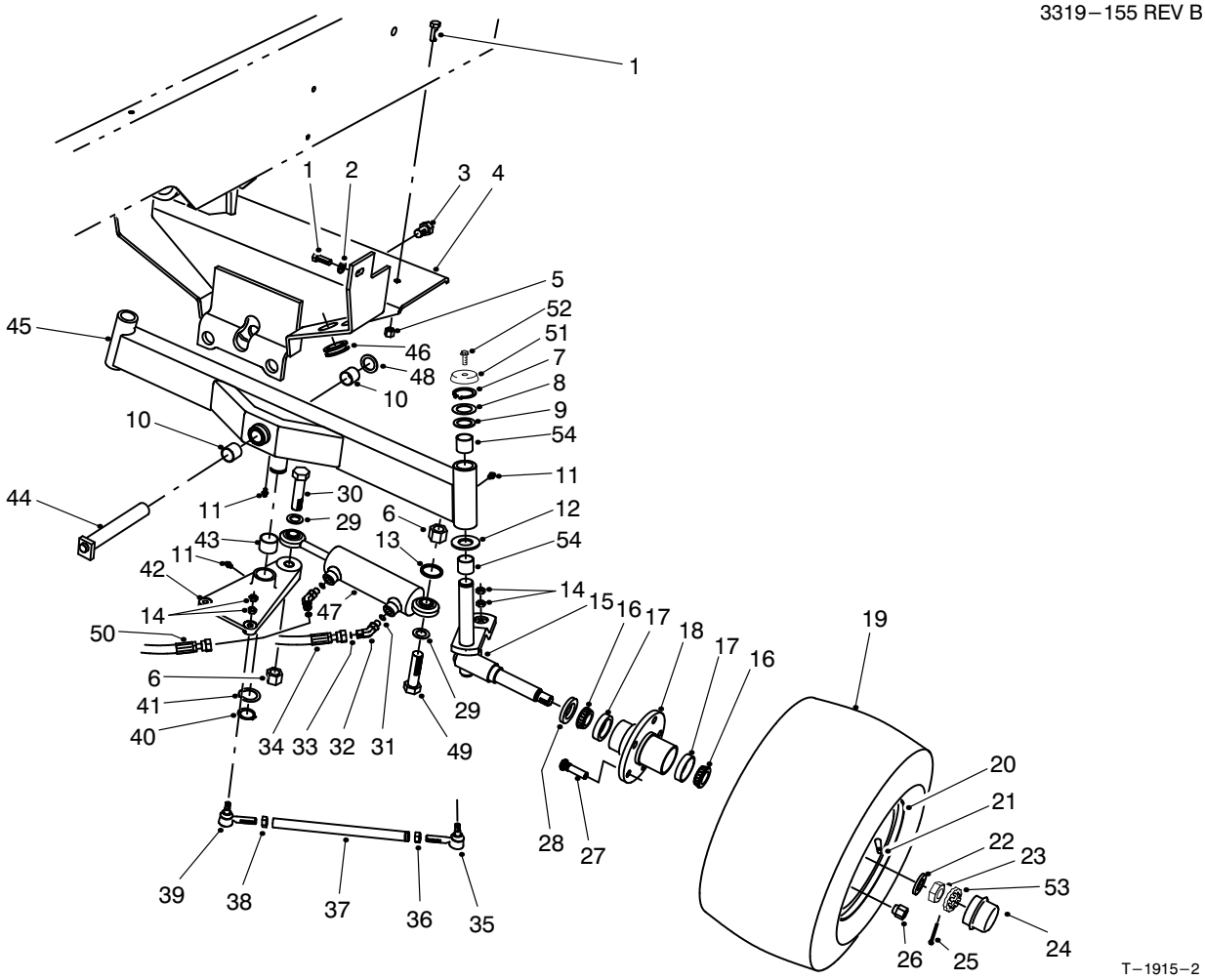


REAR AXLE ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
23	3220−7	Nut − Jam	2
24	241−119	Cap − Dust	2
25	3272−13	Pin − Cotter	2
26	242−50	Nut − Lug	10
27	10−6830	Stud − Drive	10
28	253−129	Seal − Grease	2
29	67−9410	Washer − Thrust	2
30	328−25	Screw − Cap Hex. Hd.	1
31	237−78	O−Ring	2
32	340−103	Fitting − Hydraulic 45° (Incl. Ref. #31 & 33)	2
33	237−21	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	21−0151	Joint − Ball L.H. Thread	2
40	32151−77	Ring − Retaining	1
41	76−2980	Washer − Thrust	1
42	75−4410	Assembly − Pivot Plate (Incl. Ref. #11 & 43)	1
43	76−2970	Bushing − Sleeve	2

*Not Illustrated

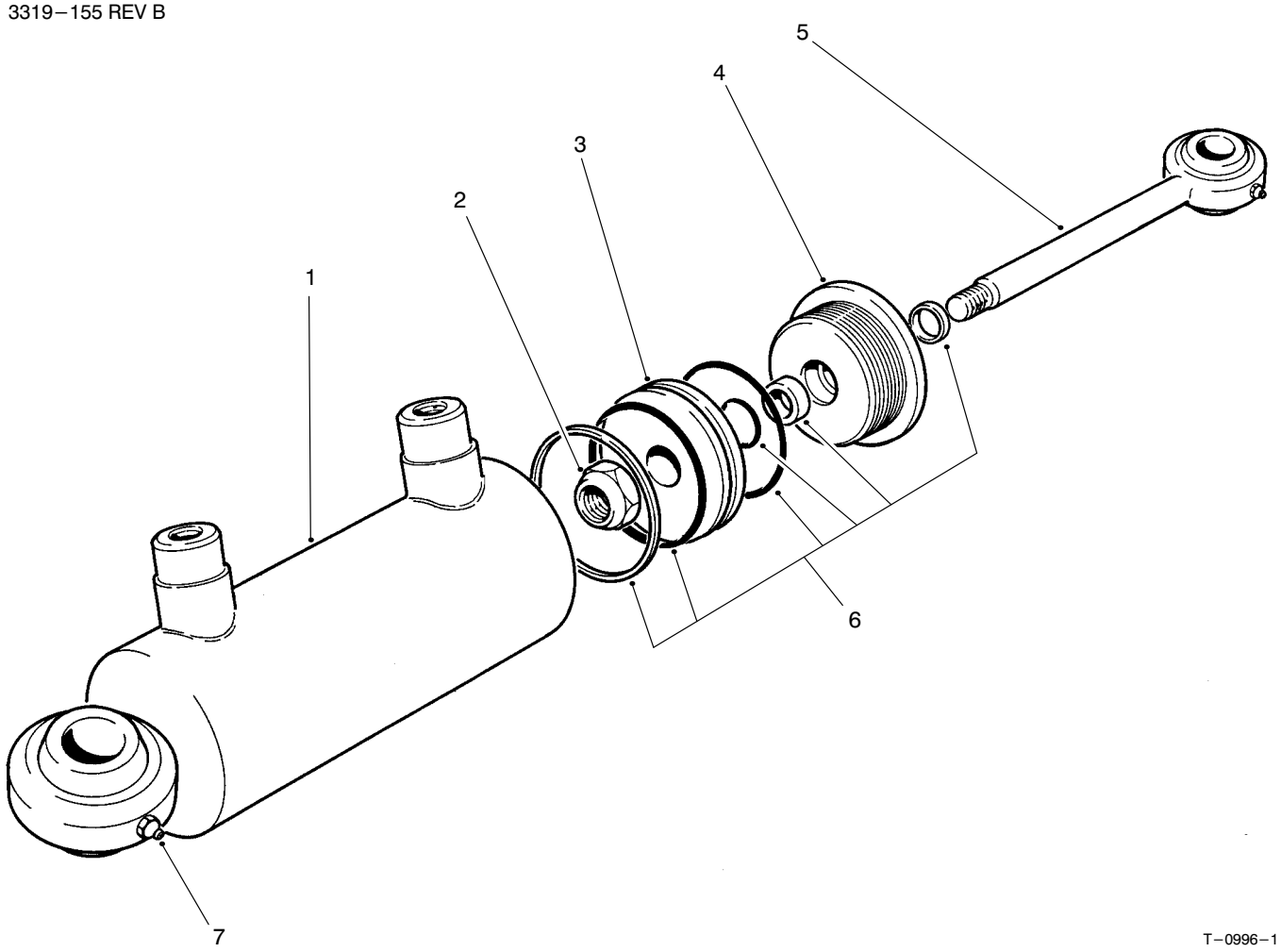


T−1915−2

REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	75−4180	Pin − Rear Axle Pivot	1
45	75−2900	Assembly − Rear Axle (Incl. Ref. #10, 11 & 54)	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 Flange Hd.	2
53	93−0307	Retainer	2
54	67−1750	Bushing − Sleeve	4

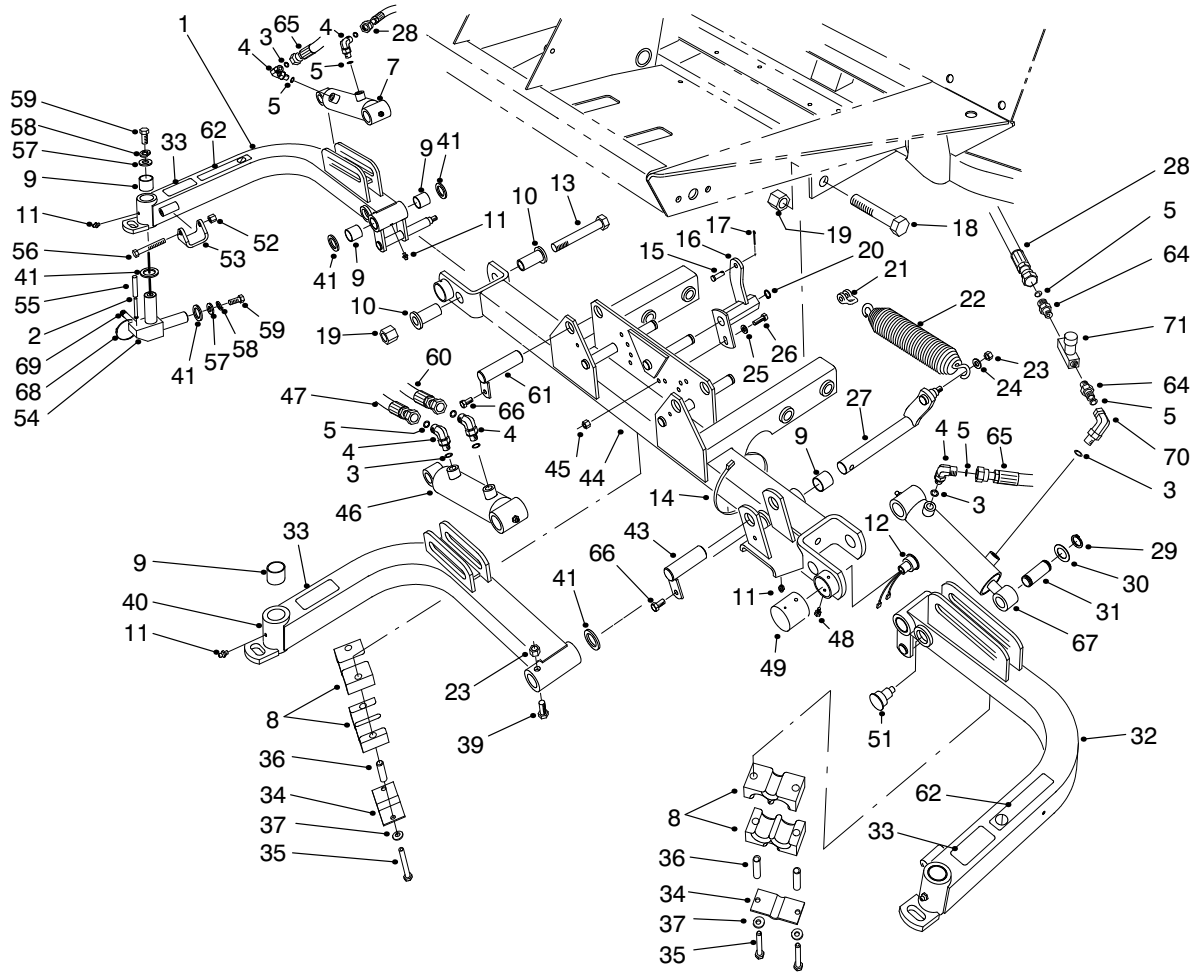


T−0996−1

HYDRAULIC CYLINDER NO. 75−1200

Ref. No.	Part No.	Description	No. Used
†1		Assembly − Barrel	1
2	75−1210	Nut−Lock	1
3	75−1220	Piston	1
4	75−1260	Head−Internal	1
5	75−1230	Assembly − Piston Rod	1
6	75−1250	Seal Kit	1
7	302−5	Fitting − Grease	2

†Not Serviced Separately



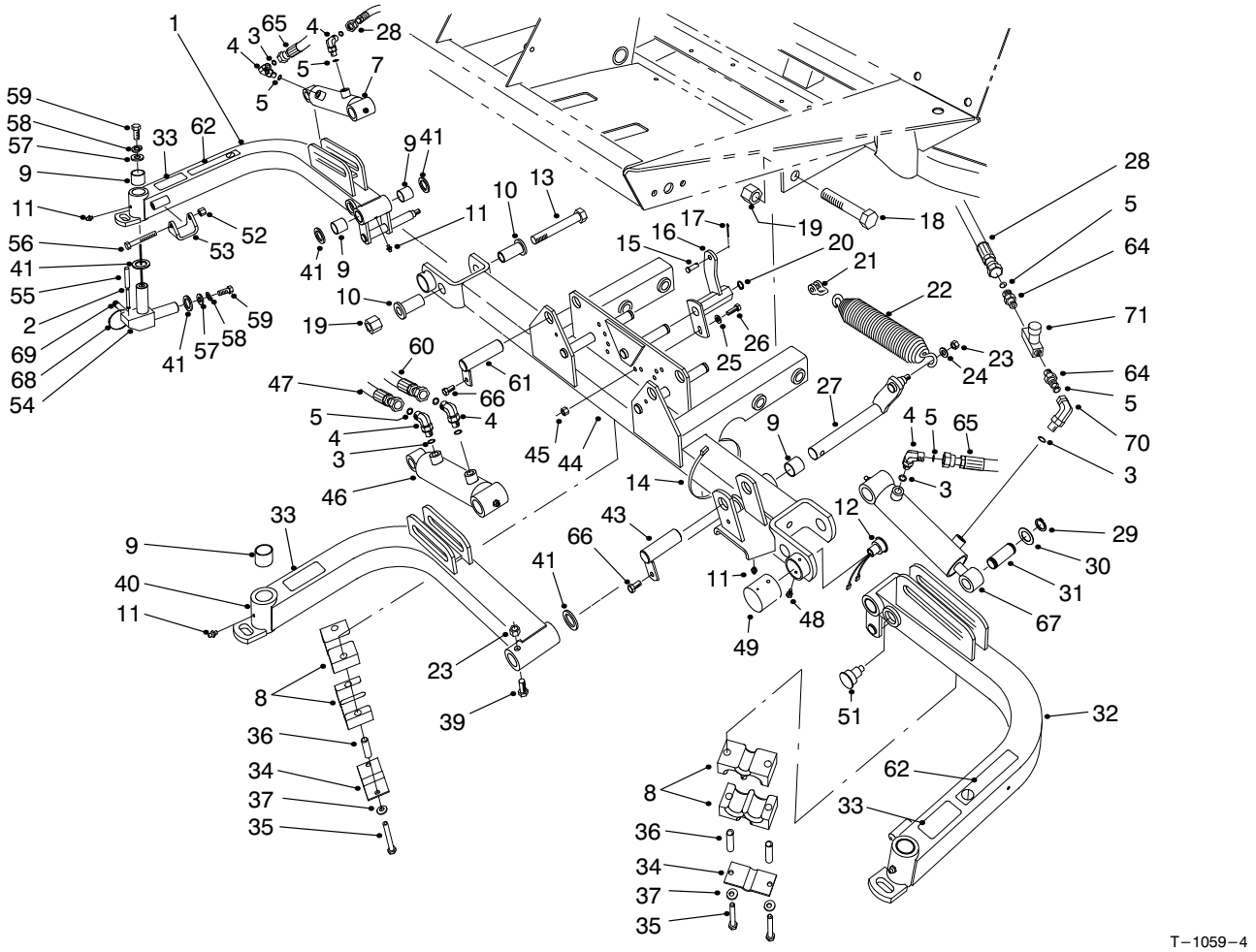
T−1059−4

FRONT LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94−5598	Assembly − Lift Arm R.H. (Incl. Ref. #9 & 11)	1
2	32121−27	Pin − Roll	3
3	237−78	O−Ring	6
4	340−132	Fitting − Hydraulic 90° (Incl. Ref. #3 & 5)	5
5	237−21	Seal − O−Ring	8
7	98−8069	Asm. − Hydraulic Cylinder	1
8	82−8170	Clamp − Hose	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	Assembly − 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	322−13	Screw − Cap Hex. Hd.	6
36	93−7960	Spacer	6
37	3256−70	Washer − Flat	6
39	323−11	Screw − Cap Hex. Hd.	1
40	94−5802	Assembly − Lift Arm, Center (Incl. Ref. #9 & 11)	1
41	256−115	Washer − Thrust	11

*Not Illustrated

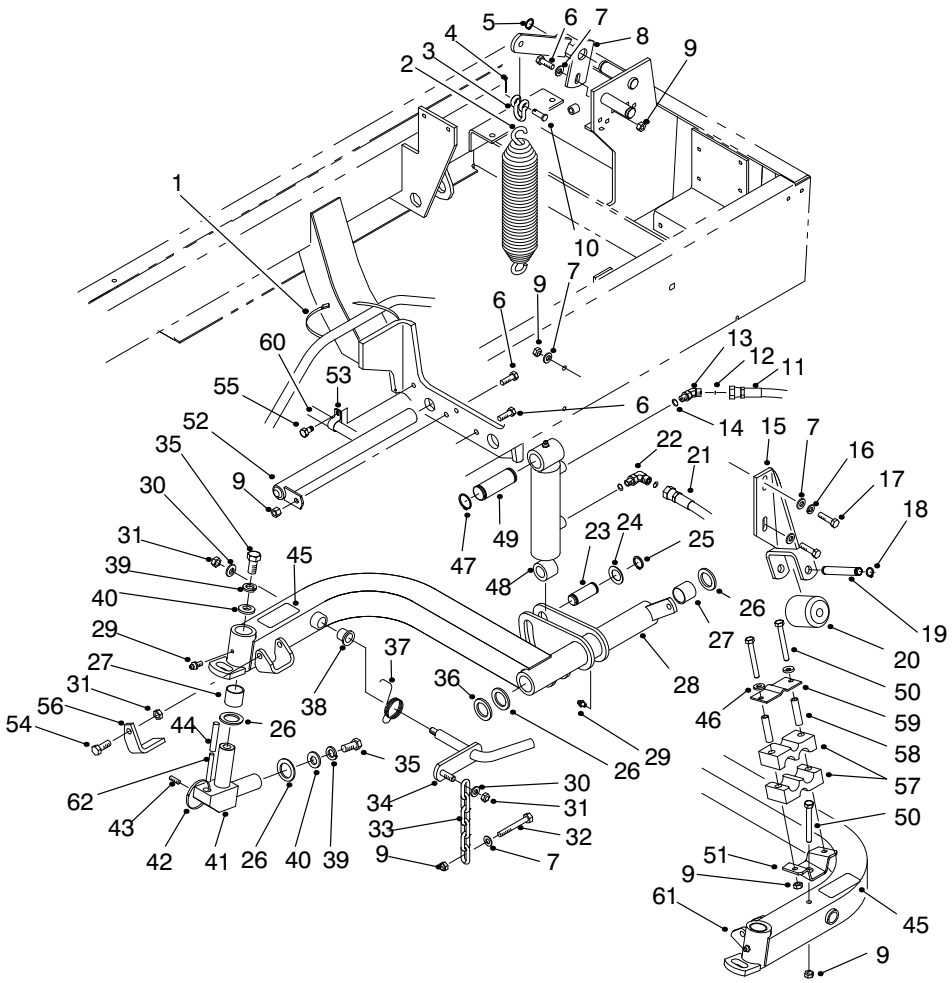


FRONT LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
43	83−6790	Pin − Cylinder (Short)	1
44	94−5808	Assembly − 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

Ref. No.	Part No.	Description	No. Used
62	36−3400	Decal − No Step	2
62	93−6687	Decal − No Step (Europe)	2
62	84−2780	Decal − No Step (Japan)	2
64	340−13	Fitting − Straight (Incl. Ref. #5)	2
65	82−6490	Hose − Hydraulic	1
66	32144−14	Screw − Self Tapping	3
67	98−8068	Hydraulic Cylinder Asm.	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 (Supplied with Cutting Units)	3
*	93−6688	Decal − Hands/Feet (Europe) (Mounted on Cutting Unit Frames)	3

* Not Illustrated

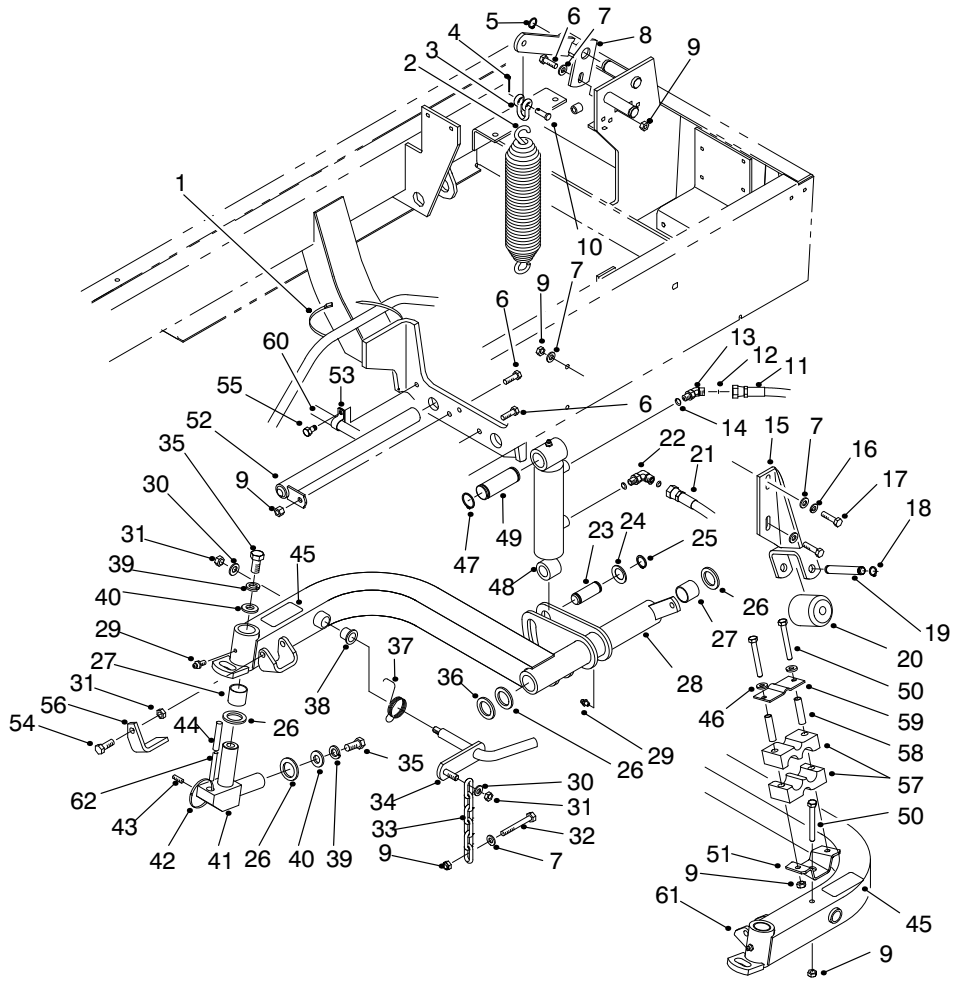


REAR LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290−379	Tie − Cable	1
2	5−0743	Spring − Counterbalance	2
3	282−4	Clevis − Spring	2
4	3272−10	Pin − Cotter	2
5	32151−48	Ring − Retaining	2
6	322−5	Screw − Cap Hex. Hd.	3
7	3256−23	Washer − Flat	10
8	75−4690	Bracket − Spring Rear R.H.	1
*	75−4650	Bracket − Spring Rear L.H.	1
9	3296−29	Nut − Lock	8
10	283−6	Pin − Clevis	2
11	75−6070	Hose − Hydraulic (Cap)	1
12	237−78	O−Ring	4
13	340−103	Fitting − Hydraulic 45° (Incl. Ref. #12 & 14)	1
14	237−21	O−Ring	4
15	75−3810	Bracket − Roller	2
16	3253−4	Washer − Lock	2
17	322−6	Screw − Cap Hex. Hd.	4
18	32151−61	Ring − Retaining	4
19	75−5400	Shaft − Roller	2
20	75−5390	Roller	2
21	75−6180	Hose − Hydraulic R.H. (Rod)	2
*	75−6080	Hose − Hydraulic L.H. (Rod)	1
22	340−132	Fitting − Hydraulic 90° (Incl. Ref. #12 & 14)	3

Ref. No.	Part No.	Description	No. Used
23	75−5350	Pin − Cylinder Rod End	2
24	3−6498	Washer − Thrust	4
25	32120−93	Ring − Retaining	4
26	256−115	Washer − Thrust	8
27	67−1750	Bushing − Sleeve	8
28	94−5596	Lift Arm Assembly Rear R.H. (Incl. Ref. #27, 29 & 38)	1
29	302−5	Fitting − Grease	4
30	3256−24	Washer − Flat	4
31	3296−39	Nut − Lock	6
32	322−12	Screw − Cap Hex. Hd.	2
33	5−1096	Chain − Cutting Unit	2
34	75−4590	Rod − Pivot	2
35	325−4	Screw − Cap Hex. Hd.	4
36	93−0142	Bushing − Straight	2
37	75−4520	Spring − Torsion R.H.	1
*	75−4530	Spring − Torsion L.H.	1
38	256−287	Bushing − Flange	4
39	3253−7	Washer − Lock	4
40	3256−6	Washer − Flat	4
41	75−3010	Joint − Arm	2
42	3290−378	Tie − Cable	2
43	92−9097	Set Screw	2
44	32121−122	Pin − Roll	2

*Not Illustrated

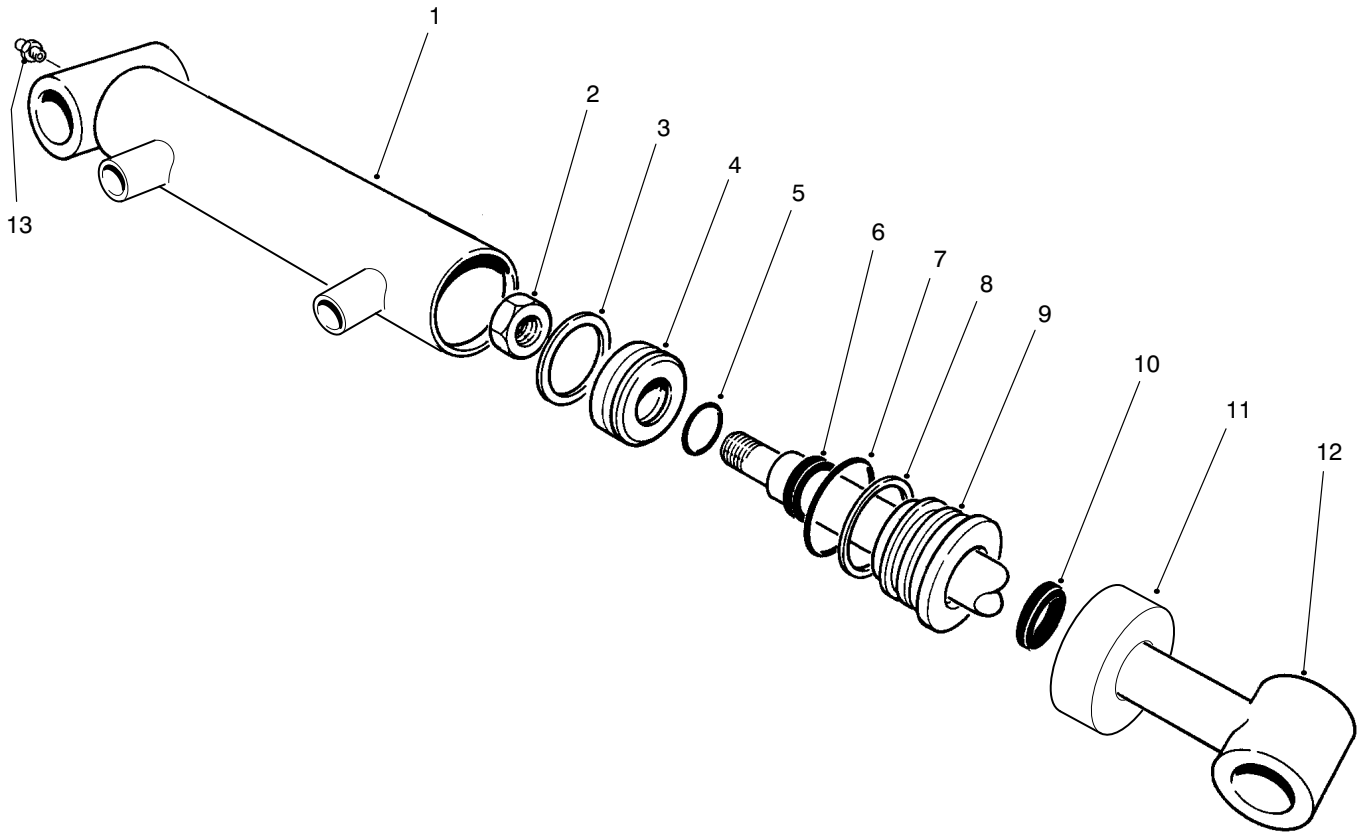


REAR LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	55−4300	Decal − Warning (US)	2
*	93−6696	Decal − Warning (Europe)	2
*	84−2940	Decal − Warning (Japan)	2
46	3256−70	Washer − Plain	2
47	32151−36	Ring − Retaining	4
48	93−9311	Hydraulic Cylinder Assembly	2
49	75−5360	Pin − Cylinder Cap End	2
50	322−13	Screw − Cap Hex. Hd.	3
51	94−4919	Bracket − Clamp, Hose	1
52	93−0069	Pin − Pivot	2
53	2412−93	Clamp−R	2
54	323−6	Screw − Cap Hex. Hd.	2
55	32144−14	Screw − Hex. Washer Hd.	2
56	93−3640	Stop − Reel RH	1
*	83−5170	Stop − Reel LH	1
57	82−8170	Clamp	2

Ref. No.	Part No.	Description	No. Used
58	93−7960	Spacer	2
59	93−7961	Clamp	1
60	85−4390	Sensor − Magnet	1
61	94−5594	Lift Arm Assembly Rear L.H. (Incl. Ref. #27, 29 & 38)	1
62	32121−27	Pin − Roll	2
*	67−7960	Decal − Hands/Feet (US) (Supplied with Cutting Units)	2
*	93−6688	Decal − Hands/Feet (Europe) (Mounted on Cutting Unit Frames)	2
*	84−4220	Decal − Hands/Feet (Japan) (Mounted on Cutting Unit Frames)	2

*Not Illustrated



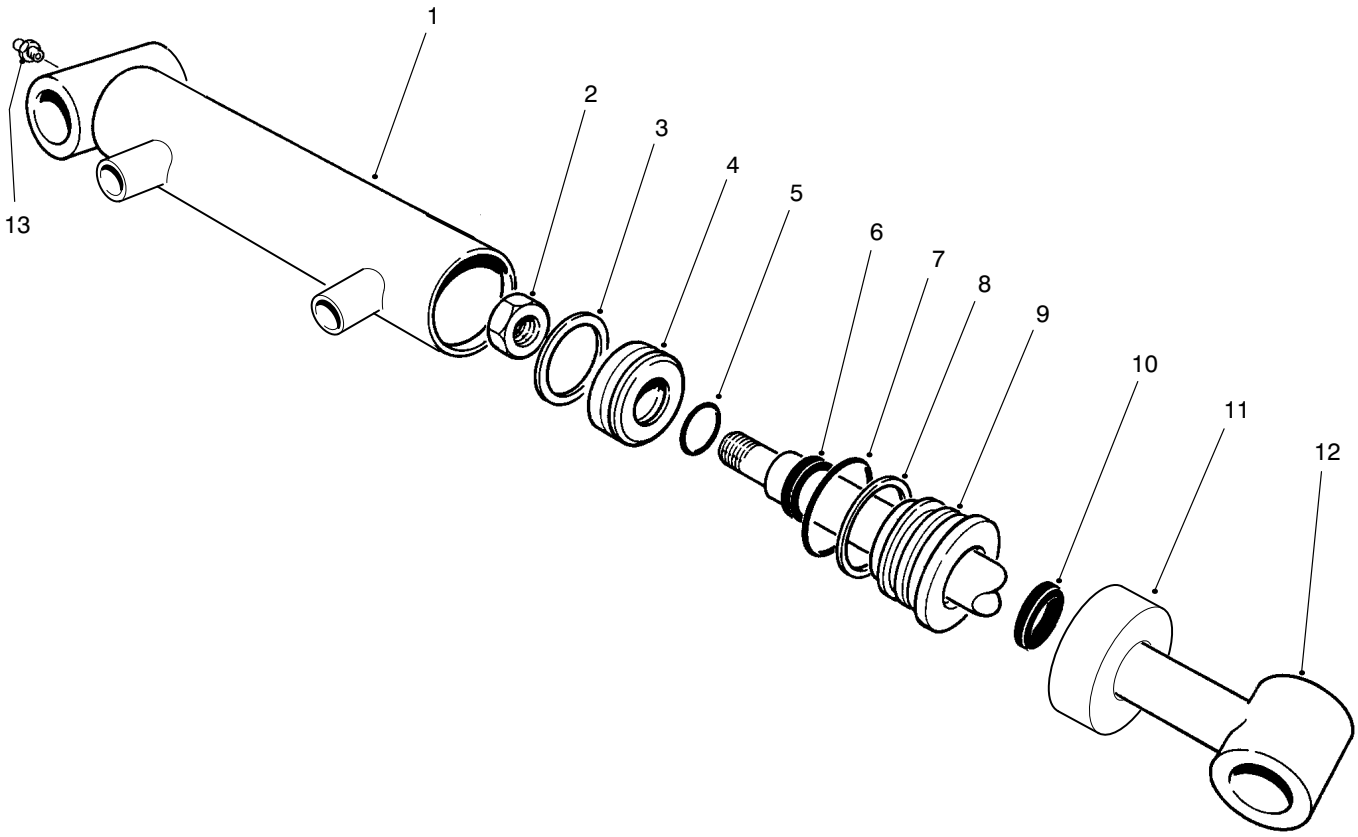
T−2114−2

HYDRAULIC CYLINDER NO. 93−9311

Ref. No.	Part No.	Description	No. Used
†1	93−9313	Assembly − Barrel	1
2	32152−10	Nut	1
†3		Uni−ring	1
4	70−2780	Piston	1
†5		O−Ring	1
†6		Seal − Rod	1
†7		O−Ring	1
†8		Backup	1

Ref. No.	Part No.	Description	No. Used
9	93−7990	Head	1
†10		Seal − Dust	1
11	93−7991	Collar	1
12	75−3790	Shaft and Tube	1
13	302−5	Fitting − Grease	1
*	86−7330	Seal Repair Kit (Incl. Ref. #3, 5−8 & 10)	1

*Not Illustrated
†Not Serviced Separately



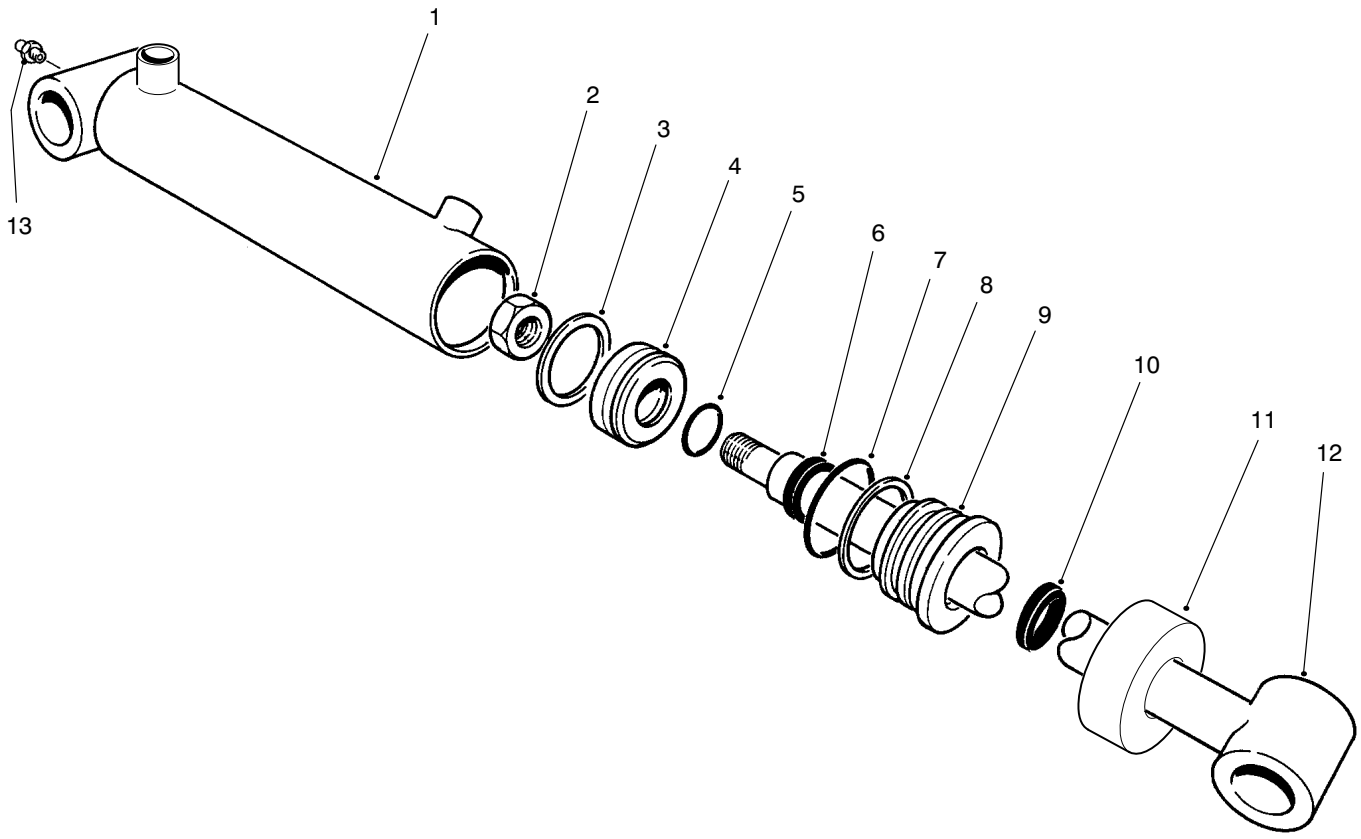
T−2114−2

HYDRAULIC CYLINDER NO. 93−9310

Ref. No.	Part No.	Description	No. Used
1	93−9312	Assembly − Barrel	1
2	32152−10	Nut	1
†3		Uni−ring	1
4	70−2780	Piston	1
†5		O−Ring	1
†6		Seal − Rod	1
†7		O−Ring	1
†8		Backup	1

Ref. No.	Part No.	Description	No. Used
9	93−7990	Head	1
†10		Seal − Dust	1
11	93−7991	Collar	1
12	75−3790	Shaft and Tube	1
13	302−5	Fitting − Grease	1
*	86−7330	Seal Repair Kit (Incl. Ref. #3, 5−8 & 10)	1

*Not Illustrated
†Not Serviced Separately



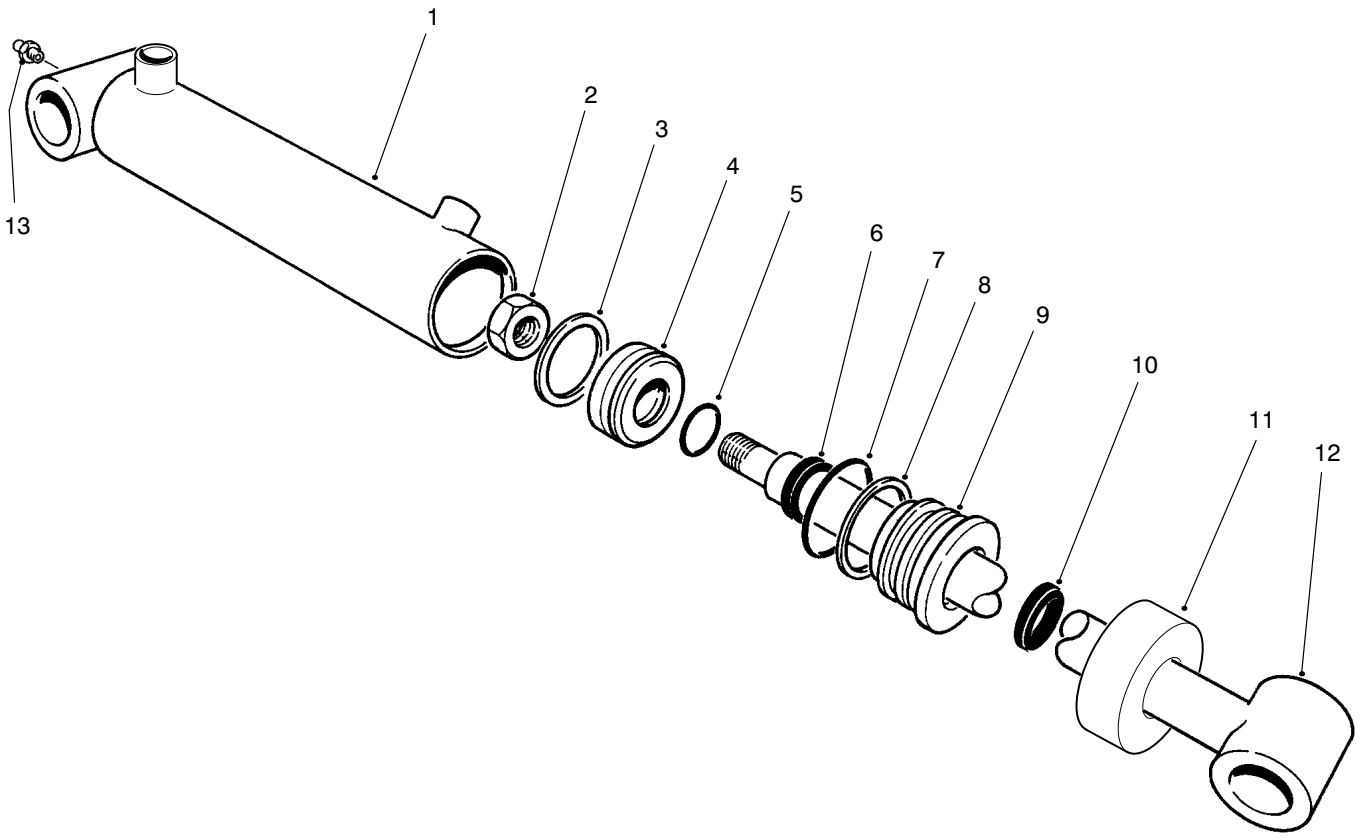
T−2115−1

HYDRAULIC CYLINDER NO. 98−8069

Ref. No.	Part No.	Description	No. Used
1	93−7558	Assembly − Barrel	1
2	32152−10	Nut	1
†3		Uni−ring	1
4	84−1710	Piston	1
†5		O−Ring	1
†6		Seal − Rod	1
†7		O−Ring	1
†8		Backup	1

Ref. No.	Part No.	Description	No. Used
9	98−7354	Head	1
†10		Seal−Dust	1
11	93−7994	Collar	1
12	84−1740	Shaft and Tube	1
13	302−5	Fitting − Grease	1
*	84−1760	Seal Repair Kit (Incl. Ref. #3, 5−8 & 10)	1

*Not Illustrated
†Not Serviced Separately



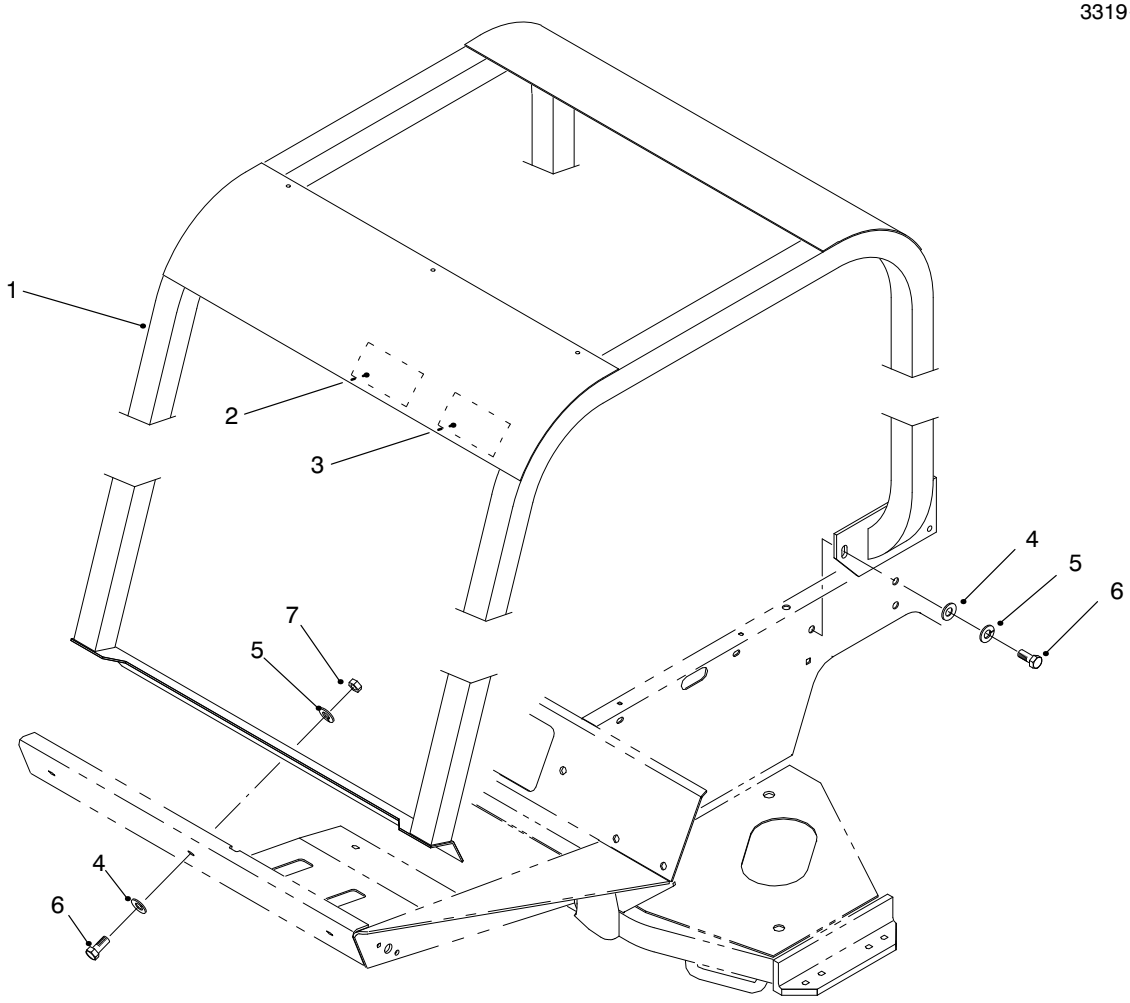
T−2115−1

HYDRAULIC CYLINDER NO. 98−8068

Ref. No.	Part No.	Description	No. Used
1	93−7557	Assembly − Barrel	1
2	32152−10	Nut	1
†3		Uni−ring	1
4	70−2780	Piston	1
†5		O−Ring	1
†6		Seal − Rod	1
†7		O−Ring	1
†8		Backup	1

Ref. No.	Part No.	Description	No. Used
9	98−7353	Head	1
†10		Seal−Dust	1
11	93−7991	Collar	1
12	75−2120	Shaft and Tube	1
13	302−5	Fitting − Grease	1
*	86−7330	Seal Repair Kit (Incl. Ref. #3, 5−8 & 10)	1

*Not Illustrated
†Not Serviced Separately



T−1959−1

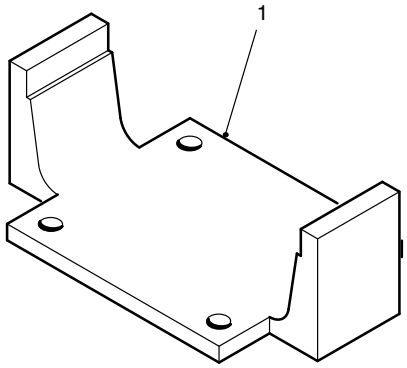
ROLL OVER PROTECTION SYSTEM (R.O.P.S.) (Optional)

Ref. No.	Part No.	Description	No. Used
1	83−7410	Roll − Bar	1
2	85−9980	Decal − R.O.P.S.	1
2	93−8073	Decal − R.O.P.S. (Europe)	1
3	83−7430	Decal − Danger	1
3	93−8050	Decal − Danger (Europe)	1
3	84−4300	Decal − Danger (Japan)	1
4	3256−26	Washer − Flat	9
5	3253−7	Washer − Lock	9
6	325−5	Screw − Cap Hex. Hd.	9
7	3217−9	Nut − Lock	3
*	21−4191	Assembly − Seat Belt	1
*	3212−4	Screw − Cap Hex. Hd.	2
*	3253−6	Washer − Lock	2

*Not Illustrated

SPECIAL TOOLS

AXLE TOOL NO. *TOR859920



T−1325−1

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

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

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3−6498	Washer − Thrust	29	22	2
3−6498	Washer − Thrust	61	24	4
3−6498	Washer − Thrust	59	30	6
3−6657	Clamp − Cable	36	13	1
3−6657	Clamp − Cable	6	29	1
5−0652	Spacer	5	42	1
5−0743	Spring − Counterbalance	61	2	2
5−0743	Spring − Extension	59	22	3
5−1096	Chain − Cutting Unit	61	33	2
5−1226	Washer − Shim	56	8	A/R
5−1226	Washer − Thrust	57	48	1
10−6830	Stud − Drive	56	27	10
10−8110	Washer − Thrust	56	9	2
21−0140	Joint − Ball	56	35	2
21−0151	Joint − Ball L.H. Thread	56	39	2
21−2820	Hub − Rear Wheel	56	18	2
21−4191	Assembly − Seat Belt	67	*	1
21−7670	Case−Differential	26	33	1
21−7690	Gear−Pinion	25	6	2
21−7700	Shaft−Pinion Mate	26	31	1
21−7710	Pin−Roll	26	30	1
21−7720	Washer−Thrust	25	4	2
21−7730	Washer−Thrust	25	7	2
21−7770	Screw−Drive Gear	26	32	5
21−8020	Spacer−Front Pinion	26	25	1
21−8090	Diff. Adjust. Shim .003	26	38	A/R
21−8100	Diff. Adjust. Shim .005	26	37	A/R
21−8110	Diff. Adjust. Shim .010	26	36	A/R
21−8120	Diff. Adjust. Shim .030	26	35	A/R
21−8180	Bearing	27	3	2
21−8270	Pin−Dowel	25	3	2
21−8360	Clip−Retaining	27	10	2
21−8390	Cup−Bearing	26	24	1
21−9260	Seal − Shaft	3	27	1
21−9370	Screw−Adjusting	27	7	2
21−9380	Nut−Pivot	27	8	2
21−9390	Socket−Adjusting Screw	27	6	2
21−9420	Spring−Shoe Return, L.H.	27	17	2
21−9430	Spring−Shoe Return, R.H.	27	18	2
21−9440	Spring−Adjusting Screw	27	14	2
21−9450	Shield−Dust	27	4	2
21−9460	Retainer−Brake, Parking	27	15	4
23−2270	Bushing − Rubber	29	26	1
23−7270	Nut − Lug	23	2	10
24−0760	Exchanger − Heat	33	45	1
24−8790	Gear−Bevel, Differential	25	5	2
24−8840	Ring−Bearing, Wheel	27	22	2
24−9180	Lever, Brake, Parking	27	19	2
25−8640	Screw − Hex. Head	6	25	2
27−2360	Assembly − Ignition Switch	11	19	1
27−3710	Dipstick − Axle	24	48	1
27−5340	Hose − Fuel	22	11	1
27−6852	Shaft−Axle, Flanged R.H.	27	*	1
27−6862	Shaft−Axle, Flanged L.H.	27	1	1
27−7110	Assembly − Element	54	8	1
27−7120	Nut	54	3	1
27−7130	Assembly − Clamp	54	4	1
27−7140	Baffle	54	2	1
27−7150	Assembly − Cup	54	1	1
27−7160	Decal − Instructions	53	4	1
27−7170	Assembly − Band	54	7	2
27−7220	Air Cleaner Soap	54	*	1
27−9560	Spacer	37	53	1
28−0670	Seal−Oil	27	13	2
28−0680	Drum−Brake	27	11	2
28−1280	Boot − Cable	53	14	1
29−6162	Switch − Neutral	29	6	1
33−1260	Assembly − Cover	54	12	1
33−1270	Bowl	54	11	1
36−3400	Decal − No Step	60	62	2
38−3400	Guard − Rubber	18	8	2
42−6080	Shim − Axle	23	43	A/R
42−7080	Cap − Sealing	42	7	5
42−7160	Pin − Dowel	39	18	1
42−7170	Plug − Expansion	39	19	1
42−7180	Bushing	39	5	4
42−7190	Bushing	38	5	2
42−7200	Bushing	39	17	1
42−7290	Gasket	41	20	1
42−7310	Bearing − Needle	48	20	2
42−7390	Seal − Oil	43	7	1
42−7420	Cap − Oil	42	10	1
42−7440	Hanger − Engine	42	6	2
42−7510	Pipe	42	12	1
42−7550	Gasket	46	6	1
42−7550	Gasket	51	102	1
42−7730	Key − Woodruff	38	28	2
42−7730	key − Woodruff	40	25	1
42−7840	Key − Sunk	40	20	1
42−7860	Seal	40	13	6
42−7890	Tappet	40	23	6
42−7990	Ring − Snap	40	1	2
42−8010	Shim − 0.2 mm	47	5	A/R
42−8020	Shim − 0.3 mm	47	*	A/R
42−8030	Shim − 0.4 mm	47	*	A/R
42−8040	Shim − 0.5 mm	47	*	A/R
42−8050	Shim − 0.6 mm	47	*	A/R
42−8060	Shim − 0.7 mm	47	*	A/R
42−8070	Shim − 0.8 mm	47	*	A/R
42−8080	Shim − 0.9 mm	47	*	A/R
42−8090	Shim − 1.0 mm	47	*	A/R
42−8690	Metal	48	5	1
42−8810	Pin − Grooved	48	30	1
42−8830	O−Ring	41	2	1
42−8830	O−Ring	51	107	1
42−8930	Spring	41	19	1
42−9210	Bolt − Cap, Bearing	39	10	8
42−9240	Bolt W/Washer	47	25	3
42−9250	Bolt	38	33	4
42−9250	Screw − Cap Hex. Hd.	36	40	10
42−9300	Screw − Cap Hex. Hd.	37	64	1
42−9440	Bolt W/Washer	38	6	4
42−9440	Bolt with Washer	41	34	1
42−9570	Stud	42	3	4
42−9600	Washer − Flat	37	65	1
42−9810	Washer − Plain	38	13	1
42−9820	Washer	40	18	1
42−9830	Washer − Seal	47	1	2
42−9850	Washer − Lock	35	16	6
42−9850	Washer − Lock	36	28	1
43−1810	Ring − Gear	38	24	1
43−2550	Filter	47	29	1
43−2560	Gasket	47	28	1
43−2570	Gasket	47	30	1
43−2580	Magnet	47	27	1
43−2740	Gasket	35	8	1
43−2750	Nut	47	23	1
43−2750	Nut − Lock	35	9	1
43−2860	Bolt W/Washer	47	9	2
43−3810	Tube − Air Cleaner	54	13	1
43−5930	Washer − Lock	36	26	1
43−6710	Diff. Adjust. Shim .003	25	15	A/R
43−6711	Diff. Adjust. Shim .005	25	16	A/R
43−6712	Diff. Adjust. Shim .010	25	17	A/R

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
43−6713	Diff. Adjust. Shim .030	25	18	A/R
43−6750	Cup−Bearing, Tapered	25	10	1
43−6760	Cone−Bearing, tapered	25	9	1
43−6810	Spider−Torque	27	5	2
44−2210	Asm. − Lights, Warning	3	32	1
44−2670	Hose − Fuel	22	18	1
46−6550	Connector − Fuel, Elbow 90˚	22	20	1
46−6560	Grommet	22	21	2
46−8091	Screw − Cap Hex. Hd.	1	7	4
47−0110	Spacer − Spindle	36	6	1
48−1990	Nut − Jam	41	12	1
48−4220	Assembly − Air Cleaner	53	2	1
48−4220	Assembly − Air Filter	54	*	1
48−7430	Assembly − Pre−Cleaner	54	*	1
48−7700	Screw − Cap Hex. Hd.	36	21	1
48−7710	Screw − Cap Hex. Hd.	35	20	2
48−7890	Nut − Hex.	36	27	1
48−7930	Nut − Lock	35	17	4
48−8070	Washer − Lock	36	39	10
49−2040	Screw − Hex. Washer Hd.	2	49	2
49−6440	Plate − Traction Pedal	5	11	1
52−1320	Decal − Fuel	2	28	1
53−8150	Assembly − Fuel Pump	22	2	1
53−8150	Assembly − Pump, Electric	47	*	1
53−9680	Mount − Engine	37	46	2
54−8660	Washer	46	17	1
54−8670	Bolt	38	26	4
54−9040	Yoke − End	35	1	1
54−9180	Kit − U−Joint	35	25	1
55−4300	Decal − Warning	59	33	3
55−4300	Decal − Warning (US)	62	45	2
56−0100	Plug − Taper	39	8	1
56−0220	Pin − Dowel	39	1	2
56−0750	Clamp A	47	8	2
56−0760	Clamp B	47	12	2
56−1230	Shaft	39	6	1
56−1310	Switch − Oil	41	5	1
56−1360	Fitting − Outlet, Water	46	5	1
56−1400	Clip	46	20	2
56−2020	Bolt W/Washer	46	4	2
57−6390	Nut − Lock	36	37	2
60−7280	Bolt	42	2	4
60−7390	Plate − Thrust	40	26	1
61−2790	Screen − Filler	14	3	1
62−3820	Fitting − Grease	35	24	1
62−5550	Decal − TORO	1	1	1
62−5550	Decal − Toro (Europe)	53	30	1
62−6300	Assembly − Sleeve	54	10	1
62−7400	Decal − TORO	1	16	1
62−7650	Gasket − Sending Unit	22	7	1
63−6890	Hinge − Hood R.H.	1	*	1
63−6900	Hinge − Hood L.H.	1	17	1
63−7380	Assembly − Expansion Tank	53	7	1
63−7590	Relay − Starter	32	42	1
63−7610	Hose − Fuel	22	1	1
63−7628	Hose − Fuel	22	29	1
63−7640	Unit − Sending	22	8	1
63−7650	Filter − Fuel	22	32	1
63−7732	Cable − Brake R.H.	5	*	1
63−7733	Cable − Brake L.H.	5	29	1
63−7880	Pin − Brake Latch	5	28	1
63−7900	Rack − Parking Brake	3	20	1
63−8140	Pulley − Idler	37	58	1
63−8280	Head−Filter, Fuel	55	1	1
63−8290	Vent−Air	55	2	1
63−8300	Assembly − Fuel Filter	55	*	1
63−8300	Element−Spin−On	55	3	1
63−8310	Valve−Drain	55	4	1
63−8360	Key − Ignition	11	9	1
63−8410	Washer − Flat	22	27	3
63−8410	Washer − Flat	14	37	3
63−9920	Decal − EEC 105	7	46	1
65−5100	Handle	1	5	2
66−2330	Base − Battery	53	10	1
66−2490	Clamp − Battery	53	18	1
66−2920	Washer − Friction	6	32	2
66−2960	Cluster − Warning	11	7	1
66−2990	Cap − Spindle	57	51	2
66−3180	Tube − Vent	32	26	1
66−3240	Cap − Radiator	32	13	1
66−4190	Spring	6	37	1
66−6480	Washer − Flat	23	44	4
66−8121	Standpipe − Elbow 90˚	22	19	1
66−8520	Bumper − Down−stop	8	17	2
66−8530	Adjuster	8	16	1
66−8560	Nut − Push	8	11	4
66−8610	Weldment − Lower	8	10	1
66−8800	Relay − Glow Plug	33	56	1
66−9290	Spacer	8	15	6
66−9303	Screw − Cap Hex. Hd.	35	6	3
66−9770	Seal	4	28	1
66−9780	Bushing	4	29	1
66−9860	Upper Cover & Jacket	4	37	1
66−9870	Plate − Retaining	4	38	1
66−9880	Washer − Retaining Plate	4	39	1
66−9890	Ring − Retaining	4	40	1
66−9900	Shaft − Input	4	41	1
66−9970	Spring Kit	4	*	1
66−9980	Seal − Kit	4	*	1
66−9990	Needle Roller Kit	4	*	1
67−1630	Spacer − Fan	36	10	1
67−1690	Fitting − Fuel Elbow 90˚	22	35	2
67−1750	Bushing − Sleeve	59	9	12
67−1750	Bushing − Sleeve	61	27	8
67−1750	Bushing − Sleeve	57	54	4
67−1751	Bushing − Sleeve	56	10	2
67−2340	Bolt W/Washer	43	3	7
67−2340	Bolt W/Washer	41	10	15
67−2340	Bolt W/Washer	40	27	2
67−2440	Bolt W/Washer	47	26	2
67−2500	Plunger	41	18	1
67−2520	Plug	41	21	1
67−2570	Plug − Taper	39	3	1
67−2570	Plug − Taper	42	16	1
67−3100	Retainer	40	14	6
67−3260	Washer − Spring	48	34	1
67−3390	Gasket − Holder	47	4	3
67−3390	Gasket − Holder	51	105	3
67−3430	Nut	47	13	3
67−3440	Gasket − Fuel Return	51	104	3
67−3440	Gasket − Return, Fuel	47	14	3
67−4180	Nut	48	7	1
67−4200	Nut	48	8	1
67−4210	Case	48	12	1
67−4220	Screw − Adjusting	48	9	1
67−4240	Cap	48	2	1
67−4290	Nut	48	32	2
67−4510	Gauge	46	3	1
67−4580	Bolt	42	1	2
67−4660	Bolt − Flange Head	46	18	1
67−4790	Assembly − Shaft, Pinion	49	12	1
67−7160	Block − Fuse	11	21	2
67−7250	Spacer − Cylinder	56	13	1
67−7960	Decal − Hands/Feet	60	*	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67−7960	Decal − Hands/Feet (US)	62	*	2
67−9410	Washer − Thrust	56	29	2
68−5140	Cap − Steering Wheel	3	7	1
68−5370	Decal − TORO	3	5	1
68−6150	Breather − Hydraulic Tank	14	2	1
69−4780	Clamp − Light Cluster	12	42	1
69−8930	Washer − Flat	20	13	8
69−8960	Spacer	20	29	4
70−2780	Piston	63	4	1
70−2780	Piston	64	4	1
70−2780	Piston	66	4	1
70−2970	Nut − Jam	40	5	6
70−3970	Plate − Shim .6 mm	45	28	A/R
70−4070	Plate − Shim .2 mm	45	*	A/R
70−4080	Plate − Shim .3 mm	45	*	A/R
70−4090	Plate − Shim .4 mm	45	*	A/R
70−4100	Plate − Shim .5 mm	45	*	A/R
70−8040	Washer − Flat	36	34	4
70−8220	Cable − Ground	36	41	1
70−8530	Wire − Fuel Pump	22	33	1
70−8570	Breaker − Circuit, 40 Amp	12	*	2
71−1520	Cap − Expansion Tank	53	8	1
71−4330	Seal	26	41	1
71−4350	Nut	25	20	1
72−0270	Nut − Retaining	45	1	3
72−0280	Piece − Distance	45	3	3
72−3570	Shim .094 − Diff. Adjust.	25	22	A/R
72−3571	Shim .096 − Diff. Adjust.	25	*	A/R
72−3572	Shim .098 − Diff. Adjust.	25	*	A/R
72−3573	Shim .100 − Diff. Adjust.	25	22	A/R
72−3574	Shim .102 − Diff. Adjust.	25	*	A/R
72−3575	Shim .104 − Diff. Adjust.	25	*	A/R
72−3576	Shim .106 − Diff. Adjust.	25	*	A/R
72−3577	Shim .108 − Diff. Adjust.	25	*	A/R
72−3578	Shim .110 − Diff. Adjust.	25	*	A/R
72−3580	Shim .112 − Diff. Adjust.	25	*	A/R
72−3581	Shim .114 − Diff. Adjust.	25	*	A/R
72−3582	Shim .116 − Diff. Adjust.	25	*	A/R
72−3583	Shim .118 − Diff. Adjust.	25	*	A/R
72−3584	Shim .120 − Diff. Adjust.	25	*	A/R
72−3585	Shim .125 − Diff. Adjust.	25	*	A/R
72−3586	Shim .127 − Diff. Adjust.	25	*	A/R
72−3587	Shim .129 − Diff. Adjust.	25	*	A/R
72−3588	Shim .131 − Diff. Adjust.	25	*	A/R
72−3590	Shim .133 − Diff. Adjust.	25	*	A/R
72−3591	Shim .135 − Diff. Adjust.	25	*	A/R
72−3592	Shim .137 − Diff. Adjust.	25	*	A/R
72−3593	Shim .139 − Diff. Adjust.	25	*	A/R
72−3594	Shim .141 − Diff. Adjust.	25	*	A/R
72−3595	Shim .143 − Diff. Adjust.	25	*	A/R
72−3596	Shim .145 − Diff. Adjust.	25	*	A/R
72−3597	Shim .147 − Diff. Adjust.	25	*	A/R
72−3598	Shim .149 − Diff. Adjust.	25	*	A/R
72−3600	Shim .151 − Diff. Adjust.	26	22	A/R
72−6950	Retainer	39	16	1
72−9420	Vent Tube Assembly	26	39	1
74−0720	Tube − Manual	6	11	1
74−3810	Assembly − Load Plate	21	9	1
74−5520	Clutch − Fan	36	1	1
74−5950	Assembly − Swell Latch	11	5	
74−5950	Assembly − Swell Latch	2	44	3
74−9100	Pad − Forward	5	12	1
74−9110	Pad − Reverse	5	14	1
75−0012	Assembly − Transmission	23	34	1
75−0020	Housing	28	5	1
75−0030	Gasket − Housing	28	46	1
75−0040	Center Section	28	18	1
75−0060	Plug	28	20	4
75−0070	Plug	28	41	1
75−0090	Screw − Cap Hex Hd.	28	9	8
75−0110	Screw − Cap Hex Hd.	28	35	2
75−0120	Screw − Cap Hex Hd.	28	28	1
75−0130	Screw − Cap Hex Head	28	24	3
75−0140	Spring − Conical	28	26	1
75−0150	Guide − Seal	28	2	1
75−0160	Plug − Pipe	28	47	1
75−0170	Plug − Straight Thread	28	19	4
75−0180	Screw − Cap Hex Hd.	28	36	2
75−0190	Plug − Special	28	27	2
75−0200	Plug − Straight Thread	28	38	2
75−0210	O−Ring	28	6	2
75−0220	Pin	28	48	2
75−0230	Seal − Lip	28	8	1
75−0240	O−Ring	28	21	6
75−0250	Pin − Slotted	28	54	1
75−0260	Valve − Relief	28	23	4
75−0270	Spring	28	39	1
75−0280	Spring	28	42	1
75−0290	Spring	28	22	2
75−0310	Shim	28	40	1
75−0320	Nipple	28	37	1
75−0330	Seal − Lip	28	34	1
75−0340	Bearing − Needle	28	33	1
75−0350	Pin	28	31	1
75−0360	Gerotor	28	30	1
75−0370	O−Ring	28	29	1
75−0380	Plate − Valve	28	15	1
75−0390	Plate − Swash	28	12	1
75−0400	Plate − Thrust	28	13	2
75−0410	O−Ring	28	3	1
75−0430	Ring − Retaining	28	1	1
75−0440	Shaft − Motor	28	45	1
75−0450	Collar	28	50	1
75−0460	Bearing − Ball	28	51	2
75−0470	Cylinder Block Kit	28	14	2
75−0480	Pin	28	10	2
75−0500	Bearing − Needle	28	16	2
75−0510	Pin	28	17	1
75−0520	Bearing − Ball	28	4	1
75−0550	Strainer − Suction	14	29	1
75−0560	Assembly − Steering Wheel	3	4	1
75−0570	Cable − Hood	1	21	1
75−0600	Assembly − Steering Valve	3	26	1
75−0610	Tread − Foot R.H.	2	*	1
75−0620	Tread − Foot L.H.	2	39	1
75−0630	Tread − Foot Center	2	37	1
75−0640	Tread − Footrest R.H.	2	*	1
75−0650	Tread − Footrest L.H.	2	35	1
75−0721	Housing−Lower	26	34	1
75−0750	Decal − Backlap	33	53	1
75−0920	Cartridge − Relief 3000 psi	17	13	1
75−0930	Hook − Oil Cooler	32	6	4
75−1010	Asm. − Switch, Toggle	11	16	1
75−1020	Switch − Backlap	33	44	1
75−1040	Cooler − Oil	33	52	1
75−1180	Manifold	19	7	2
75−1180	Manifold − Hydraulic	18	23	1
75−1200	Asm. − Hydraulic Cylinder	57	47	1
75−1210	Nut−Lock	58	2	1
75−1220	Piston	58	3	1
75−1230	Assembly − Piston Rod	58	5	1
75−1250	Seal Kit	58	6	1
75−1260	Head−Internal	58	4	1
75−1280	Decal − Warning	1	24	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
75−1300	Asm. − Hydraulic Filter Head	14	31	1
75−1310	Element − Hydraulic Filter	14	34	1
75−1330	Filter − Oil	23	31	1
75−1340	Valve − Power Steering	4	*	1
75−1360	Cable − Battery (Ground)	36	23	1
75−1370	Asm. − Battery Cable (+)	53	13	1
75−1390	Panel − Access	2	38	1
75−1410	Panel − Floor	2	36	1
75−1420	Cover − Steering Tower	1	2	1
75−1430	Assembly − Brake Pedal R.H.	5	35	1
75−1440	Pedal − Brake L.H.	5	33	1
75−1470	Shaft − Brake Pedal	5	36	1
75−1490	Rod − Parking Brake	3	13	1
75−2080	Kit − Seal	17	*	10
75−2090	Kit − Seal	17	*	3
75−2120	Shaft and Tube	66	12	1
75−2170	Tube − Pump Control	5	37	1
75−2810	Clamp − Steering Valve	3	3	1
75−2851	Hose − Expansion Tank	53	5	1
75−2851	Hose − Expansion Tank	32	16	1
75−2900	Assembly − Rear Axle	57	45	1
75−2970	Pedal − Traction	5	13	1
75−3000	Asm. − Seat Suspension	6	39	1
75−3010	Joint − Arm	61	41	2
75−3010	Joint − Arm	60	54	3
75−3110	Collar − Transmission	23	14	1
75−3130	Rod − Tie	56	37	2
75−3270	Lever − Traction Pivot	5	8	1
75−3390	Bracket − Backlap	33	55	1
75−3400	Shaft − Seat Pivot	6	15	1
75−3420	Assembly − Lift Control	11	37	1
75−3430	Rod − Throttle	6	33	1
75−3480	Weldment − Upper	8	23	1
75−3510	Bolt − Shoulder	8	26	2
75−3530	Spring − Compression	8	3	1
75−3540	Pin − Roll	8	6	1
75−3550	Bumper − Seat	8	7	2
75−3580	Plate − Mounting, Seat	8	2	1
75−3680	Rod − Seat	6	20	1
75−3780	Fan	36	2	1
75−3790	Shaft and Tube	63	12	1
75−3790	Shaft and Tube	64	12	1
75−3810	Bracket − Roller	61	15	2
75−3860	Fender − L.H.	2	29	1
75−4080	Plate − Traction	29	15	1
75−4100	Control − Pump	29	25	1
75−4130	Plate − Switch	29	7	1
75−4180	Pin − Rear Axle Pivot	57	44	1
75−4250	Bracket − Expansion Tank	53	21	1
75−4360	Bracket − Switch	6	8	1
75−4370	Bracket − Switch (Seat)	6	3	1
75−4400	Adaptor − Transmission	30	8	1
75−4410	Assembly − Pivot Plate	56	42	1
75−4450	Hub − Fan Drive	36	9	1
75−4520	Spring − Torsion R.H.	61	37	1
75−4530	Spring − Torsion L.H.	61	*	1
75−4550	Shaft − Center Arm Pivot	59	27	1
75−4590	Rod − Pivot	61	34	2
75−4650	Bracket − Spring Rear L.H.	61	*	1
75−4690	Bracket − Spring Rear R.H.	61	8	1
75−4700	Hose − Fuel	22	13	1
75−4701	Hose − Fuel	22	16	1
75−4701	Hose − Fuel Vent	32	28	1
75−4710	Warning Light Harness	11	28	1
75−4720	Fitting − Hydraulic 90˚	23	26	1
75−5190	Decal − No Riders	2	32	2
75−5200	Bracket − Spring R.H.	59	*	1
75−5210	Bracket − Spring Center	59	16	1
75−5220	Bracket − Spring L.H.	59	*	1
75−5310	Spacer − Bearing	36	8	1
75−5350	Pin − Cylinder Rod End	61	23	2
75−5350	Pin − Cylinder Rod End	59	31	3
75−5360	Pin − Cylinder Cap End	62	49	2
75−5390	Roller	61	20	2
75−5400	Shaft − Roller	61	19	2
75−5410	Bracket − Arm	60	53	2
75−5470	Spacer	29	12	2
75−5720	Hose − Hydraulic	14	19	1
75−5740	Box − Control	11	24	1
75−5780	Hinge − Cover	2	51	1
75−5780	Hinge − Cover	12	59	1
75−5810	Tool Box	2	26	1
75−5890	Hose − Hydraulic	18	10	1
75−5890	Hose − Hydraulic	59	28	2
75−5890	Hose − Hydraulic	16	35	1
75−5900	Hose − Hydraulic	16	30	1
75−5900	Hose − Hydraulic	60	47	1
75−5910	Hose − Hydraulic	18	11	1
75−5910	Hose − Hydraulic	60	60	1
75−5940	Hose − Hydraulic	18	9	1
75−5940	Hose − Hydraulic AUX	3	23	1
75−6070	Hose − Hydraulic	19	15	1
75−6070	Hose − Hydraulic (Cap)	61	11	1
75−6080	Hose − Hydraulic	19	14	1
75−6080	Hose − Hydraulic L.H. (Rod)	61	*	1
75−6130	Hose − Hydraulic	14	9	1
75−6180	Hose − Hydraulic	19	1	2
75−6180	Hose − Hydraulic R.H. (Rod)	61	21	2
75−6220	Hose − Hydraulic	56	34	1
75−6230	Hose − Hydraulic	57	50	1
75−6230	Hose − Hydraulic RT	3	18	2
75−6240	Hose − Hydraulic	30	14	1
75−6240	Hose − Hydraulic IN	3	19	1
75−6250	Hose − Hydraulic	14	17	1
75−6250	Hose − Hydraulic OUT	3	25	1
75−6260	Cover − Tool Box	2	47	1
75−6270	Cover − Control Box	11	15	1
75−6280	Bracket − Hose	1	22	1
75−6340	Strainer − In−Line	23	41	1
75−6350	Hose	23	28	1
75−6370	Cover − Sensor	60	49	1
75−6380	Shaft − Fan	36	3	1
75−6390	Pulley − Fan	36	5	1
75−6490	Lever − Pedal Stop	5	20	1
75−6510	Lever − Bracket	5	16	1
75−6550	Disc − Friction	5	17	1
75−6580	Cable − Pedal	5	7	1
75−6640	Fitting − Hydraulic 90˚	16	20	2
75−6680	Bar − Weight (Europe)	53	25	1
75−6710	Decal − Fast/Slow	5	18	1
75−6820	Meter − Hour	12	47	1
75−6840	Knob − Knurled	2	42	4
75−6850	Tube − Oil Fill	24	47	1
75−6870	Hose − Hydraulic Suction	14	28	1
75−6870	Hose − Suction	30	1	1
75−6880	Screen − Spark Arrester	35	*	1
75−6930	Valve − SCR	28	52	1
76−1910	Shaft − Pivot	8	12	2
76−1920	Bushing − Sleeve	8	9	4
76−1930	Knob − Tension Adjustment	8	19	1
76−1940	Spring − Extension	8	14	2
76−2940	Bumper − Rubber	8	8	2
76−2970	Bushing − Sleeve	56	43	2
76−2980	Washer − Thrust	56	41	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
76−8640	Stud − Traction	29	23	1
76−8730	Decal − Bolt Torque	23	1	2
76−8750	Plate − Caution	32	21	1
76−9430	Spring − Extension	29	8	1
77−0490	Decal − Bolt	23	17	1
77−2870	Weldment − Hanger	8	18	1
80−4860	Pin − Clevis	8	1	1
80−4880	Decal − Bolt (Japan)	23	17	1
82−6490	Hose − Hydraulic	60	65	1
82−8170	Clamp	20	35	4
82−8170	Clamp	62	57	2
82−8170	Clamp − Hose	59	8	8
82−8170	Clamp − Rubber	18	20	4
82−8270	Valve − Flow Control	19	13	1
82−8270	Valve − Flow Control	16	31	1
82−8270	Valve − Flow Control	60	71	1
82−9060	Adjuster W/Handle	8	13	1
83−4780	Housing − Charge Pump	28	32	1
83−4910	Coupler − Pinion	26	40	1
83−5130	Spacer − Pinion	25	21	1
83−5170	Stop − Reel LH	62	*	1
83−6780	Pin − Cylinder (Long)	60	61	2
83−6790	Pin − Cylinder (Short)	60	43	1
83−7410	Roll − Bar	67	1	1
83−7430	Decal − Danger	67	3	1
83−9150	Decal − Starting Fluid	53	3	1
84−1710	Piston	65	4	1
84−1740	Shaft and Tube	65	12	1
84−1760	Seal Repair Kit	65	*	1
84−2780	Decal − No Step (Japan)	60	62	2
84−2860	Decal − Fuel (Japan)	2	28	1
84−2940	Decal − Warning (Japan)	62	*	2
84−2940	Decal − Warning (Japan)	59	33	3
84−3100	Decal − Starting Fluid	53	3	1
84−3260	Decal − Backlap (Japan)	33	53	1
84−3340	Decal − Warning (Japan)	1	24	1
84−3420	Decal − No Riders (Japan)	2	32	2
84−3500	Decal − Fast/Slow (Japan)	5	18	1
84−3660	Decal − Warning (Japan)	2	48	1
84−4220	Decal − Hands/Feet	62	*	2
84−4300	Decal − Danger (Japan)	67	3	1
84−8320	Insert − Hinge	59	10	4
84−8590	Assembly − Shoe & Lining	27	16	4
84−8600	Set of Lined Brake Shoes	27	*	1
85−4330	Cover − Gear	23	9	1
85−4340	Plate − Sensor Mounting	23	11	1
85−4350	Sensor − Gear Tooth	23	5	1
85−4390	Sensor − Magnet	62	60	1
85−4420	Gauge − Speedometer	11	2	1
85−4440	Decal − ECU	12	61	1
85−4470	Assembly − Potentiometer	12	44	1
85−4480	Knob	11	25	1
85−4491	Lamp − Diagnostic	12	57	1
85−4530	Decal − Danger	6	17	1
85−4610	Decal − Clip	6	41	1
85−4650	Connector − Loop Back	12	*	1
85−4730	Decal − Oil	1	4	1
85−4730	Decal − Oil	18	7	1
85−4750	Display − Diagnostic−ACE	9	2	1
85−4760	Decal − Diagnostic−ACE	9	1	1
85−9900	Plate − Spring Anchor	29	16	1
85−9910	Eyebolt	29	27	1
85−9980	Decal − R.O.P.S.	67	2	1
86−3040	Coupling − Driveshaft	35	7	1
86−7220	Gear − Pinion	23	37	1
86−7230	Gear−Spur	25	14	1
86−7330	Seal Repair Kit	63	*	1
86−7330	Seal Repair Kit	64	*	1
86−7330	Seal Repair Kit	66	*	1
86−7520	Asm. − Trunnion Cover R.H.	28	7	1
86−7530	Asm. − Trunnion Cover L.H.	28	49	1
86−7540	Shaft − Pump	28	11	1
86−7550	Connector − Cover (2 Way)	12	*	2
86−7560	Connector − Cover (3 Way)	12	*	3
86−9190	Hose − Hydraulic	16	14	2
87−5100	Washer − Snubbing	37	51	4
88−0440	Decal − Floor Plate	18	6	1
88−1900	Decal − Floor Plate (Japan)	18	6	1
88−1980	Decal − Oil (Japan)	1	4	1
88−1980	Decal − Oil (Japan)	18	7	1
88−6960	Cartridge − 4W/2P	17	19	3
88−6970	Cartridge − N.O.	17	9	2
88−7020	Cartridge − N.O.	17	3	2
88−9190	Solenoid − 20 Watt	17	4	6
88−9200	Solenoid − 28 Watt	17	8	5
92−1108	Decal − Danger (Japan)	6	17	1
92−1116	Decal − Service (Japan)	2	25	1
92−1124	Decal − Clip (Japan)	7	41	1
92−1125	Decal − Clip (Danish)	7	41	1
92−1126	Decal − Clip (Dutch)	7	41	1
92−1127	Decal − Clip (Italian)	6	41	1
92−1128	Decal − Clip (Spanish)	6	41	1
92−1129	Decal − Clip (German)	6	41	1
92−1130	Decal − Clip (French)	6	41	1
92−1131	Decal − Clip (Swedish)	6	41	1
92−1132	Decal − HOC Selector	12	50	1
92−1180	Assembly − Seat	7	45	1
92−1773	Screw−Cap, Hex Hd.	25	11	4
92−1774	Seal−Oil	27	2	2
92−1920	Plug − Drain	41	6	1
92−1921	Gasket − Plug, Drain	41	7	1
92−1961	Seal	40	15	6
92−1961	Seal − Valve Stem	51	106	6
92−2143	Bolt W/Washer	42	22	5
92−2379	Clamp − Hose	53	6	1
92−2379	Clamp − Hose	32	14	1
92−2581	Assembly − Switch Arm	29	21	1
92−4808	Sleeve − Trans. Pilot	23	15	1
92−4846	Asm. − Trans. Support	23	39	1
92−4999	Fitting − Hydraulic 90°	33	51	2
92−5524	Decal − Noise Rating, 90	7	47	1
92−5549	Decal − Reelmasterr 5300D	1	10	2
92−5720	Controller − Electronic	11	31	1
92−5751	Decal − Hood Trim L.H.	1	23	1
92−5752	Decal − Hood Trim R.H.	1	*	1
92−5797	Gasket − Axle	23	10	1
92−6315	Cartridge − N.C.	17	22	1
92−6533	Kit − Cushion, Replacement	7	44	1
92−6534	Shell − Seat	7	43	1
92−8001	Sensor − Reed Switch	6	6	1
92−8002	Sensor − Reed Switch	59	12	1
92−8020	Adapter − Breather	14	26	3
92−8753	Magnet − Reed Switch	6	5	1
92−8754	Actuator − Reed Switch	60	51	1
92−8775	Gasket − Kit, Liquid	27	*	1
92−8795	Assembly − Body	21	10	1
92−8796	Pin − Dowel	21	14	2
92−8863	Repair Kit	21	*	1
92−9096	Assembly − Hose	15	46	1
92−9096	Hose − Hydraulic	18	22	1
92−9097	Set Screw	61	43	2
92−9097	Set Screw	60	69	3
92−9098	Manifold − Tank	14	14	1
93−0000	Hood	1	8	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
93−0005	Strip − Foam, Top	32	11	1
93−0011	Grill − Hood	1	12	1
93−0020	Radiator	32	12	1
93−0021	Asm. − Throttle Cable Swivel	6	26	2
93−0022	Shroud − Fan	32	19	1
93−0023	Hose − Radiator Upper	32	18	1
93−0024	Hose − Radiator Lower	32	24	1
93−0025	Shield − Radiator	32	33	1
93−0030	Asm. − Cooler Mount R.H.	32	9	1
93−0032	Hsg. − Front Screen	32	2	1
93−0038	Support − Radiator	32	7	1
93−0043	Bracket − Fan Idler	37	55	1
93−0045	Yoke − Slip Tube	35	4	1
93−0047	Assembly − U−Joint	35	*	1
93−0047	Yoke − Shaft	35	3	1
93−0048	Hose − Air Cleaner	36	19	1
93−0050	Bracket − Engine L.H. Rear	36	29	1
93−0051	Bracket − Engine L.H. Front	37	48	1
93−0054	Bracket − Fan	37	52	1
93−0062	Belt − V	37	56	1
93−0064	Support − Rear Axle	56	4	1
93−0069	Pin − Pivot	62	52	2
93−0071	Asm. − Cooler Mount L.H.	32	*	1
93−0073	Cable − Throttle	6	24	1
93−0074	Support − Cable	37	62	1
93−0075	Hose − Hydraulic	23	30	1
93−0075	Hose − Trans. to Cooler	33	*	1
93−0076	Hose − Hydraulic	23	21	1
93−0076	Hose − Trans. to Cooler	33	46	1
93−0077	Hose − Cooler, R.H.	33	49	1
93−0077	Hose − Hydraulic	14	30	1
93−0078	Hose − Cooler, L.H.	33	*	1
93−0078	Hose − Hydraulic	16	21	1
93−0081	Strip − Seal	1	9	1
93−0082	Grommet	33	58	2
93−0083	Plate − Valve	28	44	1
93−0089	Bracket − Mount LH, Cooler	32	*4	1
93−0090	Bracket − Mount RH, Cooler	32	4	1
93−0092	Mount − Rubber, Rear	36	30	2
93−0093	Bracket − Eng. Left Rear	36	33	1
93−0095	Bracket − Eng. Front	37	45	2
93−0096	Decal − A.C.E.	2	27	2
93−0097	Valve − SCR	28	25	1
93−0118	Hose − Hydraulic	19	9	2
93−0118	Hose − Hydraulic	18	12	1
93−0118	Hose − Hydraulic	16	33	1
93−0119	Hose − Hydraulic	18	13	1
93−0119	Hose − Hydraulic	14	21	1
93−0139	Manifold − Hydraulic	18	17	1
93−0140	Grommet	6	10	1
93−0142	Bushing − Straight	61	36	2
93−0143	Cartridge − Relief 250 psi	18	18	1
93−0307	Retainer	57	53	2
93−0309	Washer − Tab	56	22	2
93−1268	Decal − HOC Selector	12	50	1
93−1374	Latch − Swell	32	1	2
93−1375	Motor − Hydraulic	20	21	5
93−1376	Assembly − Pump, Gear	30	18	1
93−1396	Coupler − Trans.	30	7	1
93−3102	Cap − Fuel Tank	22	22	1
93−3139	Panel − Tower	3	10	1
93−3140	Panel − Control	11	14	1
93−3163	Spring	8	28	2
93−3164	Cap	8	27	2
93−3165	Bracket	8	29	1
93−3350	Gear − Camshaft	38	35	1
93−3351	Gear − Pump, Injection	38	1	1
93−3352	Assembly − Idler, Gear	38	2	1
93−3353	Bushing − Idler	38	36	1
93−3354	Crankshaft	38	27	1
93−3355	Washer − Spring	38	12	1
93−3356	Nut	38	11	1
93−3357	Pulley − Crankshaft	38	14	1
93−3358	Assembly − Sub, Flywheel	38	25	1
93−3359	Gear − Crankshaft	38	15	1
93−3360	Cover	38	7	1
93−3361	Gasket − Cover	38	8	1
93−3361	Gasket − Tie Rod Cover	51	111	1
93−3362	Bushing − Camshaft	38	34	1
93−3363	Assembly − Shaft, Idler	38	4	1
93−3364	Ball − Steel	38	3	1
93−3365	Pin − Dowel	38	9	2
93−3366	Cap − Sealing	38	10	1
93−3367	Plug − Taper	38	32	1
93−3369	Cap − Sealing	38	31	2
93−3370	Bearing − Con−Rod	38	16	6
93−3371	Asm. − Rod, Connecting	38	23	3
93−3372	Nut	38	30	6
93−3373	Bolt − Connecting	38	17	6
93−3374	Pin − Piston	38	18	3
93−3375	Ring Set − Piston	38	19	3
93−3376	Piston − Std.	38	22	3
93−3377	Piston − O.S. 0.25	38	*	3
93−3378	Piston − O.S. 0.50	38	*	3
93−3379	Set − Ring, Piston O.S. 0.25	38	*	3
93−3380	Set − Ring, Piston O.S. 0.50	38	*	3
93−3381	Cap − Sealing	39	2	2
93−3381	Cap − Sealing	42	29	1
93−3382	Cap − Sealing	39	4	1
93−3383	Seal − Side	39	7	4
93−3383	Seal − Side	51	114	4
93−3384	Cylinder Block Assembly	39	20	1
93−3385	Cap − Metal	39	9	1
93−3386	Cap − Sealing	39	15	3
93−3387	Bearing − Set Std.	39	14	1
93−3388	Bearing − Set U.S. 0.50 mm	39	*	1
93−3389	Bearing − Set U.S. 0.75 mm	39	*	1
93−3390	Case − Seal, Oil	47	19	1
93−3391	Gasket − Oil Seal Case	51	115	1
93−3391	Gasket − Seal, Oil	47	21	1
93−3392	Seal − Oil	47	20	1
93−3393	Bolt	47	18	5
93−3394	Valve − Inlet	40	29	3
93−3395	Valve − Exhaust	40	28	3
93−3396	Spring − Valve	40	16	6
93−3397	Cap − Valve	40	12	6
93−3399	Bolt	40	9	1
93−3400	Assembly − Rocker	40	*	1
93−3401	Screw − Rocker	40	4	6
93−3402	Bracket, Shaft, Rocker	40	11	1
93−3403	Bracket − Shaft, Rocker	40	6	2
93−3404	Assembly − Shaft	40	*	1
93−3405	Cap − Sealing	40	8	2
93−3406	Spring − Rocker	40	7	2
93−3407	Bolt − Bracket, Rocker	40	10	3
93−3408	Shaft − Pump, Fuel Inject.	40	21	1
93−3409	Bearing	40	19	1
93−3410	Bolt W/Washer	40	17	1
93−3411	Rod − Push	40	22	6
93−3412	Camshaft	40	24	1
93−3413	Assembly − Strainer	41	13	1
93−3414	Gasket	41	11	1
93−3414	Gasket	51	108	1
93−3415	Assembly − Valve, Relief	41	22	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
93−3416	Housing	41	17	1
93−3417	Gasket	41	16	1
93−3417	Gasket	51	101	1
93−3418	Gauge − Level, Oil	41	1	1
93−3420	Assembly − Pump, Oil	41	15	1
93−3421	Bolt	41	14	3
93−3422	Assembly − Pan, Oil	41	9	1
93−3423	Gasket	42	4	1
93−3423	Gasket	51	113	1
93−3423	Gasket − Muffler	35	15	1
93−3424	Gasket − Cover, Rocker	42	5	1
93−3424	Gasket − Rocker	51	123	1
93−3425	Guide − Valve, In	42	8	3
93−3426	Bolt − Head, Cylinder	42	14	11
93−3427	Guide − Valve	42	15	3
93−3430	Jet − Combustion	42	28	3
93−3431	Gasket − Cylinder Head	51	122	1
93−3431	Gasket − Head, Cylinder	42	26	1
93−3432	Bolt W/Washer	42	27	2
93−3433	Assy. − Cover, Rocker	42	11	1
93−3434	Gasket − Cover, Inlet	42	18	1
93−3434	Gasket − Inlet Cover	51	124	1
93−3435	Bolt W/Washer	42	9	4
93−3436	Gasket − Exhaust	42	30	1
93−3436	Gasket − Exhaust	51	125	1
93−3437	Asm. − Manifold, Exhaust	42	31	1
93−3438	Assy. − Cover, Inlet	42	20	1
93−3440	Pipe − Inlet	42	21	1
93−3441	Gasket − Inlet Pipe	51	118	1
93−3441	Gasket − Pipe, Inlet	42	25	1
93−3442	Bolt W/Washer	42	23	1
93−3443	Bolt W/Washer	42	24	1
93−3444	Cap − Filler	43	1	1
93−3445	Gasket − Gear	43	2	1
93−3445	Gasket − Gear	51	117	1
93−3446	Plate − Front	43	4	1
93−3447	Gasket − Front Plate	51	116	1
93−3447	Gasket − Plate, Front	43	5	1
93−3448	Case − Gear	43	6	1
93−3449	Bolt	43	8	8
93−3450	Assembly − Pump, Water	44	7	1
93−3451	Bolt W/Washer	44	6	2
93−3452	Joint	44	5	1
93−3453	Gasket	44	8	1
93−3453	Gasket − Water Pump	51	112	1
93−3454	Plate	44	9	1
93−3455	Gasket − Pump, Water	44	10	1
93−3455	Gasket − Water Pump	51	110	1
93−3456	Bolt W/Washer	44	4	3
93−3457	Bolt W/Washer	44	11	1
93−3458	Pulley − Pump, Water	44	2	1
93−3459	Bolt W/Washer	44	1	4
93−3460	V−Belt	44	3	1
93−3461	Assembly − Pump, Fuel	45	*	1
93−3462	Assembly − Sub, Housing	45	30	1
93−3463	Holder − Delivery, Valve	45	16	3
93−3464	Spring − Delivery, Valve	45	14	3
93−3465	Gasket − Delivery, Valve	45	13	3
93−3466	Assembly − Sub, Valve	45	12	3
93−3467	Assembly − Sub, Element	45	11	3
93−3468	Sleeve − Control	45	24	3
93−3469	Seat − Spring, Upper	45	25	3
93−3470	Spring − Plunger	45	26	3
93−3471	Assembly − Sub, Tappet	45	29	3
93−3472	Assembly − Control, Rack	45	23	1
93−3473	Seat − Spring, Lower	45	27	3
93−3474	O−Ring	45	15	3
93−3475	Pin − Guide, Tappet	45	21	3
93−3476	Plate	45	22	1
93−3477	Plate − Adjusting	45	20	2
93−3478	Bolt − Washer Head	45	19	2
93−3479	Screw − Hollow	45	10	1
93−3480	Screw − Bleeder, Air	45	8	1
93−3481	Washer − Union , Pipe	45	9	1
93−3482	Plate − Shim .25 mm	45	*	A/R
93−3483	Plate − Shim .35 mm	45	*	A/R
93−3484	Plate − Shim .45 mm	45	*	A/R
93−3485	Plate − Shim .55 mm	45	*	A/R
93−3486	Plate − Shim .65 mm	45	*	A/R
93−3487	Plate − Name	45	18	1
93−3488	Rivet	45	17	2
93−3489	Assembly − Nozzle & Holder	45	*	1
93−3489	Nozzle & Holder Assembly	47	31	3
93−3490	Assembly − Sub, Body	45	7	3
93−3491	Washer − 1.25 mm	45	6	A/R
93−3492	Washer − 1.3 mm	45	*	A/R
93−3493	Washer − 1.35 mm	45	*	A/R
93−3494	Washer − 1.4 mm	45	*	A/R
93−3495	Washer − 1.45 mm	45	*	A/R
93−3496	Washer − 1.5 mm	45	*	A/R
93−3497	Washer − 1.55 mm	45	*	A/R
93−3498	Washer − 1.6 mm	45	*	A/R
93−3499	Washer − 1.65 mm	45	*	A/R
93−3500	Washer − 1.7 mm	45	*	A/R
93−3501	Spring − Pressure	45	5	3
93−3502	Pin − Pressure	45	4	3
93−3503	Assembly − Nozzle	45	2	3
93−3504	Assembly − Solenoid	47	22	1
93−3504	Solenoid − Stop	35	10	1
93−3505	Bracket − Starter	47	24	1
93−3507	Plate − Connection	47	6	1
93−3508	Plate − Adjusting	46	16	1
93−3509	Nut	46	12	1
93−3510	Washer − Spring	46	13	1
93−3511	Washer − Plain	46	14	1
93−3512	Bolt − Alternator	46	15	1
93−3513	Pipe − Injector No.1	47	7	1
93−3514	Pipe − Injector No.2	47	10	1
93−3515	Pipe − Injector No.3	47	11	1
93−3516	Pipe − Leak Off, Fuel	47	15	1
93−3517	Bolt	47	3	4
93−3518	Nipple − Swivel	47	2	1
93−3519	Assembly − Case, Therm.	46	11	1
93−3520	Pipe	46	21	1
93−3521	Gasket − Case, Thermostat	46	8	1
93−3521	Gasket − Thermo Case	51	120	1
93−3522	Bolt W/Washer	46	19	3
93−3523	Assembly − Hose, Fuel	46	1	1
93−3524	Thermostat	46	7	1
93−3526	Switch	46	10	1
93−3527	Gasket	46	9	1
93−3528	Plug	46	2	1
93−3529	Assembly − Case, Governor	48	1	1
93−3530	Pin − Spring	48	18	1
93−3531	O−Ring	48	25	1
93−3532	Nut − Jam	48	33	1
93−3533	Bolt − Speed Set	48	31	2
93−3534	Spring − Governor	48	16	1
93−3535	Spring Set − Torque	48	13	1
93−3536	Stopper	48	11	1
93−3537	Spring − Torque	48	10	2
93−3538	Spring − Start	48	21	1
93−3539	Shim − Shaft, Governor	48	23	1
93−3540	Lever − Speed	48	35	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
93−3541	Case − Governor	48	36	1
93−3542	Lever − Spring, Governor	48	17	1
93−3543	Lever − Tension	48	19	1
93−3544	Lever − Governor	48	22	1
93−3545	Shaft − Governor	48	24	1
93−3546	Rod − Tie	48	15	1
93−3547	Spring − Rod, Tie	48	14	1
93−3548	Gasket − Case, Governor	48	29	1
93−3548	Gasket − Governor Case	51	121	1
93−3549	Shaft − Sleeve, Sliding	48	26	1
93−3550	Sleeve − Sliding	48	27	1
93−3551	Weight	48	28	1
93−3552	Wire	48	6	1
93−3553	Bolt	48	4	3
93−3554	Bolt − Case, Governor	48	3	1
93−3555	Assembly − Starter	49	*	1
93−3556	Screw	49	19	1
93−3556	Screw Set	49	3	1
93−3557	Assembly − Bracket, Front	49	4	1
93−3558	Assembly − Lever	49	5	1
93−3559	Spring Set	49	6	1
93−3560	Assembly − Bracket, Center	49	7	1
93−3561	Assembly − Switch	49	8	1
93−3562	Armature Set	49	*	1
93−3563	Bearing − Front	49	13	1
93−3564	Bearing − Rear	49	14	1
93−3565	Bolt Set	49	18	2
93−3566	Assembly − Shaft, Clutch	49	*	1
93−3567	Pinion Set	49	2	1
93−3568	Gear Set	49	21	1
93−3569	Gear	49	11	1
93−3570	Cover Set	49	10	1
93−3571	Assembly − Yoke	49	15	1
93−3572	Bolt Set	49	9	1
93−3573	Assembly − Holder	49	16	1
93−3574	Spring − Brush	49	20	4
93−3575	Assembly − Bracket, Rear	49	17	1
93−3576	Stopper Set	49	1	1
93−3577	Assembly − Alternator	52	*	1
93−3578	Nut − Set	52	1	1
93−3579	Assembly − Pulley	52	2	1
93−3580	Bolt Set	52	4	1
93−3581	Assembly − Bracket, Front	52	10	1
93−3582	Screw Set	52	3	1
93−3583	Bearing − Front	52	5	1
93−3584	Assembly − Rotor	52	7	1
93−3585	Bearing − Rear	52	6	1
93−3586	Assembly − Stator	52	12	1
93−3587	Assembly − Bracket, Rear	52	14	1
93−3588	Regulator Set	52	13	1
93−3589	Brush	52	11	2
93−3590	Assembly − Rectifier	52	9	1
93−3591	Nut − Set	52	8	1
93−3593	Packing − Body	51	119	1
93−3594	Hose − Breather	42	13	1
93−3595	Clip − Hose	42	32	1
93−3596	Pipe − Oil Inlet	38	20	3
93−3597	Bearing − Set U.S. 0.25 mm	39	*	1
93−3598	Cap − Sealing	42	19	1
93−3599	Gasket − Liquid	41	*	1
93−3601	Decal − Service	1	25	1
93−3604	Gasket	30	6	1
93−3609	Bolt − Special	4	36	4
93−3611	Asm. − Control Manifold	16	6	1
93−3612	Fitting − Hydraulic 90˚	16	25	1
93−3614	Cover Asm.	21	4	1
93−3615	Assembly − Drive Shaft	21	7	1
93−3616	Assembly − Idler Gear	21	6	1
93−3617	Assembly − Differential	26	*	1
93−3618	Gear & Pinion Assembly	26	*	1
93−3619	Upper Housing	26	26	1
93−3621	Bracket − Eng. Right Rear	36	*	1
93−3623	Strip − Sealing, Radiator	33	61	2
93−3624	Plate − Retaining	33	62	2
93−3625	Spring − Joystick Return	12	58	1
93−3626	Bracket − Hose	32	35	1
93−3626	Bracket − Hose	2	41	1
93−3639	Decal − Warning	2	48	1
93−3640	Stop − Reel RH	62	56	1
93−3641	Plate − Idler Stop	7	49	1
93−3642	Tube − Hydraulic	30	13	1
93−3642	Tube − Hydraulic	16	38	1
93−3643	Tube − Hydraulic	30	12	1
93−3643	Tube − Hydraulic	16	39	1
93−3644	Guard − Flywheel	35	22	1
93−4268	Kit − Flange	31	*	1
93−4269	Kit − Housing, Section 1	31	*	1
93−4270	Kit − Housing, Section 2	31	*	1
93−4271	Kit − Housing, Section 3	31	*	1
93−4272	Kit − Individual Pieces	31	*	1
93−4277	Kit − Valve	31	19	1
93−4278	Pin − Dowel	31	4	4
93−4279	Plate − Distance	31	13	2
93−4280	Coupling	31	9	2
93−4281	Pin − Dowel	31	22	4
93−4282	Block − Valve	31	18	1
93−4283	Bolt	31	17	4
93−4284	Spacer − Cooler, Engine	41	31	1
93−4285	Cooler − Oil, Engine	41	26	1
93−4286	O−Ring	41	32	1
93−4287	O−Ring	41	30	1
93−4288	Fitting − Block, Engine	41	29	1
93−4289	Hose − Cooler, Outlet	41	28	1
93−4290	Connector − Cooler	41	25	1
93−4291	Fitting − Pump, Water	41	23	1
93−4294	Hose − Cooler, Inlet	41	33	1
93−4295	Assembly − Filter, Oil	41	4	1
93−4296	Clamp−R	41	24	1
93−4297	Clamp − Hose	41	27	4
93−6668	Decal − Battery (Europe)	53	9	
93−6680	Decal − Fuel (Europe)	2	28	1
93−6681	Plate − Caution (Europe)	32	21	1
93−6682	Panel − Tower (Europe)	3	10	1
93−6683	Panel − Control (Europe)	11	14	1
93−6684	Decal − Backlap (Europe)	33	53	1
93−6686	Decal − Oil (Europe)	1	4	1
93−6686	Decal − Oil (Europe)	18	7	1
93−6687	Decal − No Step (Europe)	60	62	2
93−6688	Decal − Hands/Feet	60	*	3
93−6688	Decal − Hands/Feet	62	*	2
93−6689	Decal − No Riders (Europe)	2	32	2
93−6691	Decal − Bolt (Europe)	23	17	1
93−6692	Decal − Starting Fluid	53	3	1
93−6693	Decal − Floor Plate (Europe)	18	6	1
93−6696	Decal − Warning (Europe)	62	*	2
93−6696	Decal − Warning (Europe)	59	33	3
93−6698	Decal − Warning (Europe)	1	24	1
93−6699	Decal − Fast/Slow (Europe)	5	18	1
93−7000	Spindle − Rear R.H.	56	*	1
93−7001	Spindle − Rear L.H.	56	15	1
93−7013	Guide − Gauge, Oil Level	41	3	1
93−7154	Decal − Service (Finnish)	2	25	1
93−7182	Guard − Fan	34	4	1
93−7252	Decal − CE (Europe)	2	53	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
93−7276	Decal − Danger (Europe)	53	29	1
93−7480	Bulb − LED	3	35	1
93−7488	Reservoir − Hydraulic	14	1	1
93−7498	Plug − Plastic	14	6	1
93−7499	Gasket − Flange	14	5	1
93−7557	Assembly − Barrel	66	1	1
93−7558	Assembly − Barrel	65	1	1
93−7579	Fender − R.H.	1	3	1
93−7587	Bracket − Fuse Block	11	23	1
93−7588	Cover − Tank	14	8	1
93−7840	Decal − Radiator Cap	32	37	1
93−7960	Spacer	18	19	4
93−7960	Spacer	20	34	4
93−7960	Spacer	59	36	6
93−7960	Spacer	62	58	2
93−7961	Clamp	18	28	2
93−7961	Clamp	62	59	1
93−7961	Clamp − Case Drain	20	33	2
93−7961	Clamp − Rubber	59	34	3
93−7990	Head	63	9	1
93−7990	Head	64	9	1
93−7991	Collar	63	11	1
93−7991	Collar	64	11	1
93−7991	Collar	66	11	1
93−7994	Collar	65	11	1
93−8050	Decal − Danger (Europe)	67	3	1
93−8051	Decal − Warning (Europe)	2	48	1
93−8052	Decal − Instructions	53	4	1
93−8053	Decal − ECU (Europe)	12	61	1
93−8057	Decal − Clip (Portuguese)	6	41	1
93−8058	Decal − Clip (Norwegian)	7	41	1
93−8059	Decal − Clip (Finnish)	7	41	1
93−8060	Decal − Danger (Europe)	6	17	1
93−8073	Decal − R.O.P.S. (Europe)	67	2	1
93−8078	Decal − Diag. (Danish)	9	1	1
93−8079	Decal − Diag. (Dutch)	9	1	1
93−8080	Decal − Diag. (Italian)	9	1	1
93−8081	Decal − Diag. (Spanish)	9	1	1
93−8082	Decal − Diag. (German)	9	1	1
93−8083	Decal − Diag. (French)	9	1	1
93−8084	Decal − Diag. (Swedish)	9	1	1
93−8085	Decal − Diag. (Portuguese)	9	1	1
93−8086	Decal − Diag. (Norwegian)	9	1	1
93−8087	Decal − Diag. (Finnish)	9	1	1
93−8089	Decal − Diag. (Japan)	9	1	1
93−8091	Decal − Service (Danish)	2	25	1
93−8092	Decal − Service (Dutch)	2	25	1
93−8093	Decal − Service (Italian)	2	25	1
93−8094	Decal − Service (Spanish)	1	25	1
93−8095	Decal − Service (German)	1	25	1
93−8096	Decal − Service (French)	1	25	1
93−8097	Decal − Service (Swedish)	2	25	1
93−8098	Decal − Service (Portuguese)	2	25	1
93−8099	Decal − Service (Norwegian)	2	25	1
93−8496	Gauge − Temperature	11	8	1
93−8497	Gauge − Fuel	11	1	1
93−8742	Pad − Brake	5	26	2
93−8744	Rivet	2	52	3
93−8744	Rivet	12	60	3
93−9151	Fitting − Hydraulic	20	30	4
93−9310	Asm. − Hydraulic Cylinder	60	46	1
93−9311	Hydraulic Cylinder Assembly	62	48	2
93−9312	Assembly − Barrel	64	1	1
93−9313	Assembly − Barrel	63	1	1
93−9323	Screw −Socket Hd.	35	19	3
93−9933	Shield − Flywheel	34	1	1
94−2685	Cartridge − N.C.	17	7	3
94−3055	Cap − Lower, Joystick	12	63	1
94−3056	Ring − Retaining (Europe)	12	64	1
94−3057	Spring − Compression	12	65	1
94−3058	Cap − Upper, Joystick	12	66	1
94−3570	Assembly − Fuel Tank	22	23	1
94−4911	Hose Asm. − Pressure #2, 3	20	8	2
94−4912	Hose Asm. − Pressure #2, 3	20	14	2
94−4913	Hose Asm. − Pressure #2	16	24	1
94−4913	Hose Asm. − Pressure #2	20	27	1
94−4914	Hose Asm. − Pressure #3	20	10	1
94−4914	Hose Asm. − Pressure #3	16	27	1
94−4915	Hose Asm. − Drain #2, 3	20	9	2
94−4916	Hose Asm. − Drain	15	48	1
94−4916	Hose Asm. − Drain, Return	20	26	1
94−4917	Tube Asm. − Drain #2, 3	20	24	1
94−4918	Tube Asm. − Pressure #2, 3	20	23	1
94−4919	Bracket − Clamp, Hose	62	51	1
94−4920	Plate − Mounting Valve	19	16	1
94−4923	Bracket − Air Cleaner	53	24	1
94−4934	Decal − HOC Selector	12	50	1
94−5386	Decal − Turf Defender, Diag.	9	1	1
94−5438	Seal − Solenoid	17	23	12
94−5442	Hose Asm. − Drain	18	1	1
94−5442	Hose Asm. − Drain #5	20	5	1
94−5443	Hose Asm. − Pressure #1, 5	20	1	1
94−5444	Hose Asm. − Pressure #5	16	4	1
94−5444	Hose Asm. − Pressure #5	20	6	1
94−5445	Hose Asm. − Drain #4	20	16	1
94−5445	Hose Asm. − Drain #4	18	24	1
94−5446	Hose Asm. − Pressure #1, 4	20	15	1
94−5447	Hose Asm. − Pressure #4	20	17	1
94−5447	Hose Asm. − Pressure #4	16	37	1
94−5448	Hose Asm. − Drain #1	20	20	1
94−5448	Hose Asm. − Drain #1	18	25	1
94−5579	Bracket − Engine R.H. Rear	36	*	1
94−5594	Lift Arm Assembly Rear L.H.	62	61	1
94−5596	Lift Arm Assembly Rear R.H.	61	28	1
94−5598	Assembly − Lift Arm R.H.	59	1	1
94−5800	Assembly − Lift Arm L.H.	59	32	1
94−5802	Assembly − Lift Arm, Center	59	40	1
94−5808	Assembly − Carrier Frame	60	44	1
94−5811	Assembly − Frame	2	43	1
94−6031	Fitting − Hydaulic	20	25	1
94−6343	Decal − Wire I.D.	12	*70	1
94−6753	Assembly − Lift Control	12	37	1
94−6763	Asm. − Main Wire Harness	12	56	1
94−6766	Decal − Fuses	11	27	1
94−6767	Decal − Fuses (Europe)	11	27	1
94−6768	Decal − Fuses (Japan)	11	27	1
94−6933	Assembly − Front Axle	24	46	1
94−6934	Screw−Cap Socket Hd.	27	21	8
94−6935	Nut−Lock	27	12	8
94−6936	Washer − Flat	27	23	8
94−8060	Decal − Turf Defender, Diag.	9	1	1
94−8061	Decal − Turf Defender, Diag.	9	1	1
94−8062	Decal − Turf Defender, Diag.	9	1	1
94−8063	Decal − Turf Defender, Diag.	9	1	1
94−8064	Decal − Turf Defender, Diag.	9	1	1
94−8065	Decal − Turf Defender, Diag.	9	1	1
94−8066	Decal − Turf Defender, Diag.	9	1	1
94−8067	Decal − Turf Defender, Diag.	9	1	1
94−8068	Decal − Turf Defender, Diag.	9	1	1
94−8069	Decal − Turf Defender, Diag.	9	1	1
94−8070	Decal − Turf Defender, Diag.	9	1	1
94−8102	Tube − Interlock (Europe)	12	62	1
94−8103	Screw − Cap Hex. Hd.	12	39	4
94−8104	Switch − Micro	12	38	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
94−9157	Fuse − 4A	11	20	1
94−9411	Dipstick	14	4	1
95−1821	Spring − Compression	3	12	1
95−3035	Plug − Glow	47	16	3
95−3045	Kit − Hydraulic Hose	20	*	1
95−9608	Set − Con Rod Brg U.S. 0.25	38	*	3
95−9609	Set − Con Rod Brg U.S. 0.50	38	*	3
95−9610	Set − Con Rod Brg U.S. 0.75	38	*	3
98−0659	Cover − Spiral Tube	41	35	1
98−2350	Assembly − Seat Plate	6	16	1
98−2352	Frame − Seat	6	28	1
98−2353	Bracket − Seat Latch	6	36	2
98−2354	Latch − Seat	6	35	1
98−3320	Kit− Gasket, Complete	51	*	1
98−7353	Head	66	9	1
98−7354	Head	65	9	1
98−7399	Cartridge − Relief 2000 psi	17	14	1
98−7399	Cylinder Head Assembly	42	17	1
98−8067	Muffler	35	13	1
98−8068	Hydraulic Cylinder Asm.	60	67	1
98−8069	Asm. − Hydraulic Cylinder	59	7	1
98−8081	Assembly − Engine	36	24	1
217−120	Rim	24	52	2
217−121	Rim	56	20	2
218−446	Nut − Locking	11	10	1
218−447	Washer − E.T.L.W.	11	11	1
218−498	Nut − Hex.	11	4	2
218−498	Nut − Lock	33	54	2
218−533	Lens − Red	11	*	1
218−533	Lens − Red	3	36	1
218−535	Nut − Lock	3	33	1
218−536	Washer − Lock	3	34	1
218−574	Fuse − 7.5A	11	20	1
218−578	Fuse − 10A	11	20	3
218−579	Wire − Fuel Pump	22	34	1
218−589	Washer − Lock	11	29	1
218−594	Fuse − 20A	11	20	1
219−17	Bulb − Light	11	*	4
219−19	Bulb − Light	12	*	1
231−134	Tire	24	53	2
231−141	Tire	56	19	2
232−27	Stem − Valve	23	3	2
232−35	Stem − Valve	56	21	2
233−17	Knob − Parking Brake	3	9	1
233−42	Knob	5	19	1
233−42	Knob − Throttle	6	34	1
237−21	O−Ring	18	2	7
237−21	O−Ring	19	2	7
237−21	O−Ring	20	4	5
237−21	O−Ring	61	14	4
237−21	O−Ring	16	18	4
237−21	O−Ring	56	33	2
237−21	Seal − O−Ring	59	5	8
237−22	O−Ring	16	1	1
237−22	O−Ring	18	14	2
237−22	O−Ring	3	14	5
237−22	O−Ring	30	15	1
237−22	O−Ring	23	20	2
237−22	O−Ring	14	23	6
237−22	O−Ring	20	36	4
237−22	O−Ring	33	47	2
237−30	O−Ring	30	11	2
237−30	O−Ring	17	12	1
237−30	O−Ring	16	13	7
237−30	O−Ring	20	19	19
237−42	O−Ring	17	5	2
237−42	O−Ring	18	16	2
237−42	O−Ring	14	25	4
237−42	O−Ring	15	49	1
237−65	O−Ring	14	10	5
237−65	O−Ring	16	22	1
237−65	O−Ring	33	50	2
237−78	O−Ring	17	1	12
237−78	O−Ring	20	2	5
237−78	O−Ring	59	3	6
237−78	O−Ring	18	4	7
237−78	O−Ring	19	4	8
237−78	O−Ring	16	7	6
237−78	O−Ring	61	12	4
237−78	O−Ring	23	22	1
237−78	O−Ring	56	31	2
237−79	O−Ring	16	9	6
237−79	O−Ring	17	10	1
237−79	O−Ring	30	17	3
237−79	O−Ring	20	18	10
237−79	O−Ring	23	18	2
237−79	O−Ring	14	45	1
237−80	O−Ring	17	20	1
237−81	O−Ring	14	12	4
237−81	O−Ring	23	25	2
237−81	O−Ring	16	26	1
237−101	O−Ring	14	7	1
237−141	Bumper	1	6	2
237−146	O−Ring	30	19	1
237−156	O−Ring	17	16	2
237−161	O−Ring	23	36	1
237−163	O−Ring	30	9	1
237−165	Grommet	57	46	2
237−181	O−Ring	24	51	1
240−3	Grommet	33	57	2
240−5	Grommet − Rubber	20	28	4
240−11	Grommet	22	28	3
240−11	Grommet	14	39	3
241−119	Cap − Dust	56	24	2
242−34	Stud−Flange, Axle	27	9	10
242−50	Nut − Lug	56	26	10
2411−36	Bearing − Rod End	5	2	1
2412−3	Clamp − Hose	32	27	2
2412−4	Clamp	36	16	2
2412−4	Clamp − R	35	21	1
2412−34	Clamp − Hose	30	2	1
2412−34	Clamp − Hose	32	15	2
2412−34	Clamp − Hose	14	18	3
2412−36	Clamp − Drain	22	24	1
2412−41	Clamp − R	53	23	1
2412−42	Clamp − Hose	53	1	1
2412−72	R−Clamp	7	48	1
2412−92	Clamp − Hose	36	20	1
2412−93	Clamp − R	6	18	1
2412−93	Clamp − R	14	32	2
2412−93	Clamp−R	62	53	2
2412−103	Clamp − R	32	29	2
2412−107	R−Clamp	2	50	1
2412−108	Clamp − Hose	22	12	11
2412−108	Clamp − Hose	32	31	1
2412−126	Clamp−R	12	53	1
2412−129	Clamp − Hose	23	27	2
2412−133	Clamp − R	7	42	2
251−259	Bearing − Ball	29	11	2
251−318	Bearing − Ball	36	7	2
253−129	Seal − Grease	56	28	2
254−65	Cone−Tapered Bearing	26	28	2
254−66	Cup−Tapered Bearing	26	27	2
254−72	Cup − Bearing	56	17	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
254−91	Cone−Bearing	26	23	1
254−94	Cone − Bearing	56	16	4
256−42	Bushing − Sleeve	5	34	2
256−113	Bushing − Flange	29	19	2
256−115	Washer − Thrust	61	26	8
256−115	Washer − Thrust	59	41	11
256−121	Washer − Thrust	56	12	2
256−236	Bearing − Flange	5	24	4
256−287	Bushing − Flange	61	38	4
282−4	Clevis − Spring	61	3	2
282−4	Clevis − Spring	59	21	3
283−6	Pin − Clevis	61	10	2
283−6	Pin − Clevis	59	15	3
283−58	Pin − Clevis	5	30	4
302−5	Fitting − Grease	35	5	1
302−5	Fitting − Grease	58	7	2
302−5	Fitting − Grease	56	11	4
302−5	Fitting − Grease	59	11	6
302−5	Fitting − Grease	63	13	1
302−5	Fitting − Grease	64	13	1
302−5	Fitting − Grease	65	13	1
302−5	Fitting − Grease	66	13	1
302−5	Fitting − Grease	29	20	1
302−5	Fitting − Grease	61	29	4
302−5	Fitting − Grease	5	39	1
302−10	Fitting − Grease 45˚	37	67	1
304−46	Drain − Radiator	32	10	1
304−46	Fitting − Drain	22	25	1
321−2	Screw − Cap Hex. Hd.	23	6	1
321−4	Screw − Cap Hex. Hd.	36	12	1
321−4	Screw − Cap Hex. Hd.	32	23	7
321−4	Screw − Cap Hex. Hd.	6	31	2
321−6	Screw − Cap Hex. Hd.	34	2	4
321−6	Screw − Cap Hex. Hd.	53	22	2
321−6	Screw − Cap Hex. Hd.	22	31	2
321−8	Screw − Cap Hex. Hd.	22	6	2
321−11	Screw − Cap Hex. Hd.	19	6	4
321−15	Screw − Cap Hex. Hd.	11	33	3
321−18	Screw − Cap Hex. Hd.	18	5	4
321−23	Screw − Cap Hex. Hd.	14	13	2
321−39	Screw − Cap Hex. Hd.	1	15	7
321−39	Screw − Cap Hex. Hd.	11	26	2
322−2	Screw − Cap Hex. Hd.	32	43	2
322−2	Screw − Cap Hex. Hd.	37	61	4
322−3	Screw − Cap Hex. Hd.	36	14	4
322−3	Screw − Cap Hex. Hd.	6	14	13
322−3	Screw − Cap Hex. Hd.	29	18	2
322−3	Screw − Cap Hex. Hd.	5	25	8
322−3	Screw − Cap Hex. Hd.	16	28	4
322−3	Screw − Cap Hex. Hd.	2	30	4
322−3	Screw − Cap Hex. Hd.	11	35	2
322−4	Screw − Cap Hex. Hd.	53	11	3
322−4	Screw − Cap Hex. Hd.	36	18	2
322−4	Screw − Cap Hex. Hd.	32	36	2
322−4	Screw − Cap Hex. Hd.	2	40	2
322−5	Screw − Cap Hex. Hd.	61	6	3
322−5	Screw − Cap Hex. Hd.	19	17	2
322−5	Screw − Cap Hex. Hd.	1	19	4
322−5	Screw − Cap Hex. Hd.	53	26	6
322−5	Screw − Cap Hex. Hd.	59	26	3
322−5	Screw − Cap Hex. Hd.	12	54	1
322−5	Screw − Cap Hex. Hd.	33	60	4
322−6	Screw − Cap Hex Head	8	30	1
322−6	Screw − Cap Hex. Hd.	61	17	4
322−6	Screw − Cap Hex. Hd.	37	47	8
322−7	Screw − Cap Hex. Hd.	29	10	1
322−9	Screw − Cap Hex. Hd.	35	2	2
322−10	Screw − Cap Hex. Hd.	29	3	1
322−12	Screw − Cap Hex. Hd.	61	32	2
322−13	Screw − Cap Hex. Hd.	18	29	4
322−13	Screw − Cap Hex. Hd.	59	35	6
322−13	Screw − Cap Hex. Hd.	62	50	3
323−4	Screw − Cap Hex. Hd.	6	2	2
323−4	Screw − Cap Hex. Hd.	14	43	2
323−6	Screw − Cap Hex. Hd.	36	11	2
323−6	Screw − Cap Hex. Hd.	62	54	2
323−7	Screw − Cap Hex. Hd.	56	1	4
323−7	Screw − Cap Hex. Hd.	37	57	1
323−9	Screw − Cap Hex. Hd.	5	3	1
323−9	Screw − Cap Hex. Hd.	53	15	1
323−10	Screw − Cap Hex. Hd. LH	36	36	1
323−11	Screw − Cap Hex. Hd.	59	39	1
323−12	Screw − Cap Hex. Hd.	30	4	2
323−12	Screw − Cap Hex. Hd.	23	32	2
323−12	Screw − Cap Hex. Hd.	60	56	2
323−13	Screw − Cap Hex. Hd. RH	36	*	1
323−20	Screw − Cap Hex. Hd.	24	49	2
323−54	Screw − Cap Hex. Hd.	36	44	2
324−7	Screw − Cap Hex. Hd.	23	29	4
325−4	Screw − Cap Hex. Hd.	61	35	4
325−4	Screw − Cap Hex. Hd.	60	59	6
325−5	Screw − Cap Hex. Hd.	67	6	9
325−7	Screw − Cap Hex. Hd.	23	13	2
325−12	Screw − Cap Hex. Hd.	53	33	2
327−2	Screw − Cap Hex. Hd.	56	3	1
328−7	Screw − Cap Hex. Hd.	59	18	4
328−12	Screw − Cap Hex. Hd.	59	13	2
328−25	Screw − Cap Hex. Hd.	56	30	1
328−27	Screw − Cap Hex. Hd.	57	49	1
3210−8	Screw − Cap, Hex Hd.	25	19	8
3212−4	Screw − Cap Hex. Hd.	67	*	2
3213−2	Screw − Cap Hex. Hd.	36	31	8
3217−6	Nut − Hex	8	32	1
3217−6	Nut − Hex.	29	28	1
3217−9	Nut − Hex. (Europe)	53	32	2
3217−9	Nut − Lock	67	7	3
3218−1	Nut − Jam	24	50	1
3220−3	Nut − Jam	5	1	2
3220−3	Nut − Jam	56	14	8
3220−5	Nut − Jam	56	36	2
3220−6	Nut	4	27	1
3220−6	Nut − Steering Wheel	3	8	1
3220−7	Nut − Jam	56	23	2
3220−12	Nut − Jam L.H. Thread	56	38	2
3230−2	Bolt − Carriage	36	15	1
3234−5	Screw − HHF	2	34	1
3234−5	Screw − Whiz Lock	32	3	6
3234−7	Screw − Cap Flange Hd.	2	42	1
3234−13	Screw − Cap Flange Hd.	57	52	2
3234−14	Screw − Hex. Washer Hd.	2	33	14
3234−17	Screw − Cap Hex. Hd.	35	11	1
3250−29	Screw − Cap Hex. Hd.	6	7	4
3253−3	Washer − Lock	23	7	1
3253−3	Washer − Lock	6	30	1
3253−3	Washer − Lock	11	32	3
3253−4	Washer − Lock	3	2	2
3253−4	Washer − Lock	6	13	4
3253−4	Washer − Lock	61	16	2
3253−4	Washer − Lock	29	17	2
3253−4	Washer − Lock	1	20	4
3253−4	Washer − Lock	16	29	4
3253−4	Washer − Lock	32	39	4
3253−4	Washer − Lock	37	60	4
3253−5	Washer − Lock	30	5	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3253−6	Washer − Lock	67	*	2
3253−6	Washer − Lock	8	25	2
3253−7	Washer − Lock	67	5	9
3253−7	Washer − Lock	36	32	8
3253−7	Washer − Lock	61	39	4
3253−7	Washer − Lock	60	58	6
3253−15	Washer − Lock	22	9	5
3253−19	Washer − Lock	12	*71	2
3253−21	Washer − Lock	53	16	1
3253−21	Washer − Lock	23	33	2
3253−21	Washer − Lock	36	35	1
3253−21	Washer − Lock	14	42	2
3253−27	Washer − Lock (Europe)	53	31	2
3253−33	Washer − Lock	8	31	1
3255−8	Washer − Lock	36	22	3
3255−8	Washer − Lock ETLW	3	15	1
3255−9	Washer − Lock E.T.L.W.	37	49	1
3256−1	Washer − Flat	11	13	5
3256−1	Washer − Flat	1	14	10
3256−1	Washer − Flat	3	29	2
3256−3	Washer − Flat	2	31	4
3256−3	Washer − Flat	11	34	3
3256−5	Washer − Flat	8	4	1
3256−6	Washer − Flat	61	40	4
3256−6	Washer − Flat	60	57	6
3256−22	Washer − Flat	34	3	8
3256−22	Washer − Flat	22	4	2
3256−22	Washer − Flat	5	6	2
3256−22	Washer − Flat	3	11	4
3256−22	Washer − Flat	32	22	4
3256−23	Washer − Flat	61	7	10
3256−23	Washer − Flat	6	12	8
3256−23	Washer − Flat	36	17	6
3256−23	Washer − Flat	1	18	6
3256−23	Washer − Flat	59	25	3
3256−23	Washer − Flat	3	31	6
3256−23	Washer − Flat	32	38	4
3256−24	Washer	8	5	1
3256−24	Washer − Flat	56	2	2
3256−24	Washer − Flat	5	4	1
3256−24	Washer − Flat	53	17	1
3256−24	Washer − Flat	6	19	3
3256−24	Washer − Flat	59	24	3
3256−24	Washer − Flat	61	30	4
3256−24	Washer − Flat	14	41	2
3256−24	Washer − Flat	37	50	4
3256−26	Washer − Flat	29	2	1
3256−26	Washer − Flat	67	4	9
3256−26	Washer − Flat	3	22	1
3256−26	Washer − Flat	8	24	2
3256−38	Washer − Flat	35	26	3
3256−40	Washer − Flat	37	66	4
3256−46	Washer − Flat	8	20	1
3256−69	Washer − Thrust	5	31	3
3256−70	Washer − Flat	35	12	6
3256−70	Washer − Flat	18	31	4
3256−70	Washer − Flat	20	37	4
3256−70	Washer − Flat	59	37	6
3256−70	Washer − Plain	62	46	2
3256−78	Washer − Flat	36	25	1
3258−19	Screw − Machine	54	6	2
3258−166	Screw − Phillips Hd.	11	12	5
3258−166	Screw − Phillips Hd.	3	28	2
3258−166	Screw − Phillips Hd.	2	46	3
3269−10	Washer − Back−up	32	30	7
3269−13	Rivet − Pop	32	32	17
3269−15	Rivet − Pop	32	5	8
3272−2	Pin − Cotter	5	5	2
3272−4	Pin − Cotter	1	11	2
3272−5	Pin − Cotter	3	17	3
3272−10	Pin − Cotter	29	1	1
3272−10	Pin − Cotter	61	4	2
3272−10	Pin − Cotter	59	17	3
3272−10	Pin − Cotter	3	21	1
3272−10	Pin − Cotter	6	21	2
3272−10	Pin − Cotter	5	40	4
3272−13	Pin − Cotter	56	25	2
3273−26	Screw − Hex. Socket Hd.	12	45	2
3290−271	Rivet − Pop	32	20	2
3290−354	Plate − Nut	11	36	2
3290−378	Tie − Cable	3	*	3
3290−378	Tie − Cable	32	17	1
3290−378	Tie − Cable	53	28	1
3290−378	Tie − Cable	61	42	2
3290−378	Tie − Cable	60	68	5
3290−379	Tie − Cable	61	1	1
3290−379	Tie − Cable	59	14	3
3290−410	Tie − Cable, Push On	3	*	4
3290−461	Washer − Belleville	5	21	1
3290−488	Boot − Lift Control	12	40	1
3290−489	Knob − Lift Control	11	3	1
3296−2	Nut − Lock	11	18	5
3296−3	Nut − Lock	6	27	3
3296−9	Nut − Hex.	29	24	2
3296−20	Nut − Lock	3	16	4
3296−23	Nut − Lock	23	16	2
3296−29	Nut − Lock	29	9	4
3296−29	Nut − Lock	61	9	8
3296−29	Nut − Lock	35	14	2
3296−29	Nut − Lock	5	23	8
3296−29	Nut − Lock	6	23	10
3296−29	Nut − Lock	53	27	6
3296−29	Nut − Lock	18	30	4
3296−29	Nut − Lock	36	43	10
3296−29	Nut − Lock	60	45	3
3296−29	Nut − Lock	33	59	2
3296−39	Nut − Lock	56	5	2
3296−39	Nut − Lock	6	9	3
3296−39	Nut − Lock	61	31	6
3296−39	Nut − Lock	23	35	2
3296−39	Nut − Lock	36	38	4
3296−39	Nut − Lock	5	38	1
3296−39	Nut − Lock	60	52	2
3296−42	Nut − Lock	22	3	2
3296−42	Nut − Lock	34	5	4
3296−42	Nut − Lock	1	13	7
3296−42	Nut − Lock	14	15	2
3296−42	Nut − Lock	18	21	4
3296−42	Nut − Lock	11	22	4
3296−42	Nut − Lock	32	25	7
3296−42	Nut − Lock	3	30	2
3296−42	Nut − Lock	37	63	1
3296−44	Nut − Lock	8	22	1
3296−44	Nut − Lock	35	23	3
3296−44	Nut − Lock	59	23	4
3296−48	Nut − Lock	24	45	4
3296−51	Nut − Lock	59	19	6
3296−54	Nut − Lock	6	4	4
3296−56	Nut − Lock	23	4	2
3296−59	Nut − Lock	5	22	1
3296−59	Nut − Lock	37	54	1
32104−76	Screw − Thread Forming	60	48	2
32105−1	Screw − Cap Hex. Hd.	12	43	1
32105−13	Screw − Cap Hex. Hd.	11	17	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
32105−21	Screw	29	4	2
32107−11	Nut−Square	54	5	2
32108−9	Screw − Machine	23	12	1
32120−74	Ring − Retaining	28	53	1
32120−93	Ring − Retaining	61	25	4
32120−93	Ring − Retaining	59	29	6
32121−2	Pin − Roll	36	4	2
32121−6	Pin − Roll	5	9	1
32121−16	Pin − Roll	5	32	1
32121−27	Pin − Roll	59	2	3
32121−27	Pin − Roll	62	62	2
32121−38	Pin − Roll	6	22	1
32121−45	Pin − Roll	5	10	2
32121−50	Pin − Roll	5	41	1
32121−122	Pin − Roll	61	44	2
32121−122	Pin − Roll	60	55	3
32122−24	Screw − Round Hd.	22	10	5
32128−20	Nut − Flange Head	35	18	1
32128−20	Nut − Flange Lock	19	18	2
32128−20	Nut − Lock	53	19	3
32128−20	Nut − Whiz	32	8	6
32128−25	Nut − Flange	6	38	4
32128−26	Nut − Flange	8	21	4
32128−33	Nut − Flange Head	2	45	3
32128−33	Nut − Lock	19	10	4
32128−33	Nut − Lock	53	20	2
32128−33	Nut − Lock Flange	22	36	2
32128−33	Nut − Lock, Flange Hd.	12	55	3
32144−1	Screw − Cap Hex. Hd.	12	41	2
32144−5	Nut	25	1	8
32144−10	Screw − Hex. Washer Hd.	14	33	2
32144−14	Screw − Hex. Washer Hd.	62	55	2
32144−14	Screw − Self Tapping	60	66	3
32144−18	Screw − Cap Hex. Hd.	12	46	2
32144−21	Screw	3	6	1
32144−22	Screw − Cap Hex. Hd.	29	13	4
32144−26	Screw − Self−Tapping	3	1	2
32144−58	Screw − Socket Hex. Hd.	20	32	4
32144−112	Screw − Cap Hex. Hd.	23	8	8
32144−112	Screw−Thread Forming	25	13	8
32148−7	Nut − Clinch	32	34	2
32149−1	Nut − Lock	37	59	1
32151−36	Ring − Retaining	56	7	2
32151−36	Ring − Retaining	62	47	4
32151−41	Ring − Retaining	21	13	1
32151−48	Ring − Retaining	61	5	2
32151−48	Ring − Retaining	59	20	3
32151−61	Ring − Retaining	61	18	4
32151−62	Ring − Retaining	23	38	1
32151−77	Ring − Retaining	56	40	1
32152−10	Nut	63	2	1
32152−10	Nut	64	2	1
32152−10	Nut	65	2	1
32152−10	Nut	66	2	1
32153−6	Nut − Lock	56	6	2
33103−025	Screw − Hex. Hd. Flange	22	26	3
33104−020	Screw − Hex. Hd. Flange	14	38	6
33105−025	Screw − Cap Hex. Hd.	14	36	3
340−2	Fitting − Hydraulic Straight	18	15	2
340−3	Fitting − Hydraulic Straight	30	16	1
340−3	Fitting − Hydraulic, Straight	23	19	2
340−4	Fitting − Hydraulic Straight	16	5	1
340−4	Fitting − Hydraulic Straight	30	10	2
340−7	Nut − Bulkhead	20	11	2
340−8	Fitting − Hydraulic Straight	14	11	2
340−13	Fitting − Hydraulic Straight	19	19	2
340−13	Fitting − Hydraulic Straight	16	40	2
340−13	Fitting − Straight	60	64	2
340−71	Fitting − Hydraulic	20	31	2
340−77	Fitting − Hydraulic 90˚	14	22	1
340−77	Fitting − Hydraulic 90˚	18	27	1
340−82	Fitting − Hydraulic 90˚	15	47	2
340−87	Fitting − Hydraulic 45˚	14	27	1
340−92	Fitting − Hydraulic Straight	19	3	4
340−92	Fitting − Hydraulic Straight	16	17	2
340−92	Fitting − Hydraulic Straight	18	26	4
340−98	Fitting − Hydraulic 90˚	16	2	2
340−98	Fitting − Hydraulic 90˚	20	7	10
340−101	Fitting − Hydraulic 45˚	16	10	2
340−101	Fitting − Hydraulic 45˚	17	11	1
340−103	Fitting − Hydraulic 45˚	20	3	5
340−103	Fitting − Hydraulic 45˚	56	32	2
340−103	Fitting − Hydraulic 45˚	61	13	1
340−124	Fitting − Straight	33	48	2
340−127	Nut − Bulkhead	20	12	4
340−132	Fitting − Hydraulic 90˚	18	3	3
340−132	Fitting − Hydraulic 90˚	59	4	5
340−132	Fitting − Hydraulic 90˚	19	8	1
340−132	Fitting − Hydraulic 90˚	61	22	3
340−139	Fitting − Hydraulic 90˚	16	23	1
340−139	Fitting − Hydraulic 90˚	14	35	1
340−143	Fitting − Hydraulic 90˚	19	11	1
340−143	Fitting − Hydraulic 90˚	17	18	1
340−143	Fitting − Hydraulic 90˚	16	32	1
340−143	Fitting − Hydraulic 90˚	60	70	1
351−78	Edging	6	1	1
351−80	Clip	6	40	1
353−508	Plug − Hydraulic	14	40	1
353−512	Fitting − Hydraulic Plug	19	5	2
353−550	Plug − Drain	14	44	1
353−599	Pin−Dowel	21	3	2
353−682	Fitting − Hydraulic Straight	14	20	1
353−781	Fitting − 90˚	22	30	2
353−989	Plug	17	6	2
353−990	Plug	17	2	11
353−991	Plug	17	17	2
354−20	Fitting − Fuel Tee	22	15	1
354−21	Fitting − Fuel Straight	22	17	1
354−22	Fitting − Fuel, Straight	22	14	2
354−46	Ring−Seal	21	8	1
354−50	Screw−Hex Socket Hd.	21	1	4
354−51	Washer	21	2	4
354−70	Plug	17	21	1
354−72	Fitting − Hydraulic 45˚	23	42	1
354−73	Fitting − Hydraulic Straight	14	24	2
354−74	Fitting − Hydraulic Plug	14	16	1
354−75	Fitting − Hydraulic 90˚	23	40	1
354−77	Fitting − Hydraulic Test Port	23	23	1
354−77	Fitting − Test Port	16	11	2
354−78	Fitting − Hydraulic	30	3	1
354−79	Cap − Test Port	16	12	2
354−79	Cap − Test Port	23	24	1

*Not Illustrated

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IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Reelmaster® 5300D 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 5300D, 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 5300D.
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 ToroDistributor (Dealer) to obtain guarantee policies for your country, province or state.

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								