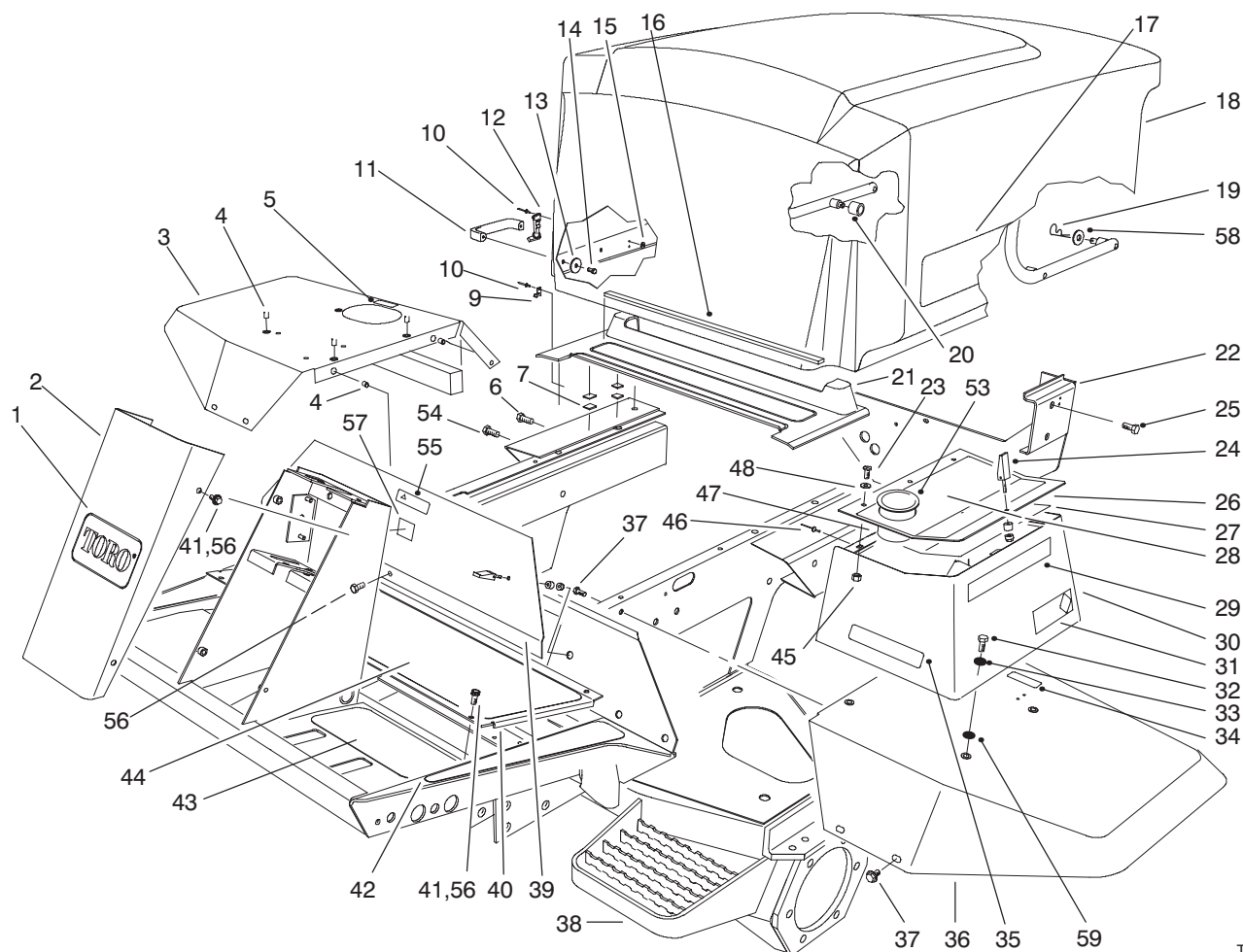


TORO®

MODEL NO. 03800-70001 & UP
MODEL NO. 03800TE-70101 & UP
MODEL NO. 03801-70001 & UP
MODEL NO. 03801TE-70101 & UP

PARTS CATALOG

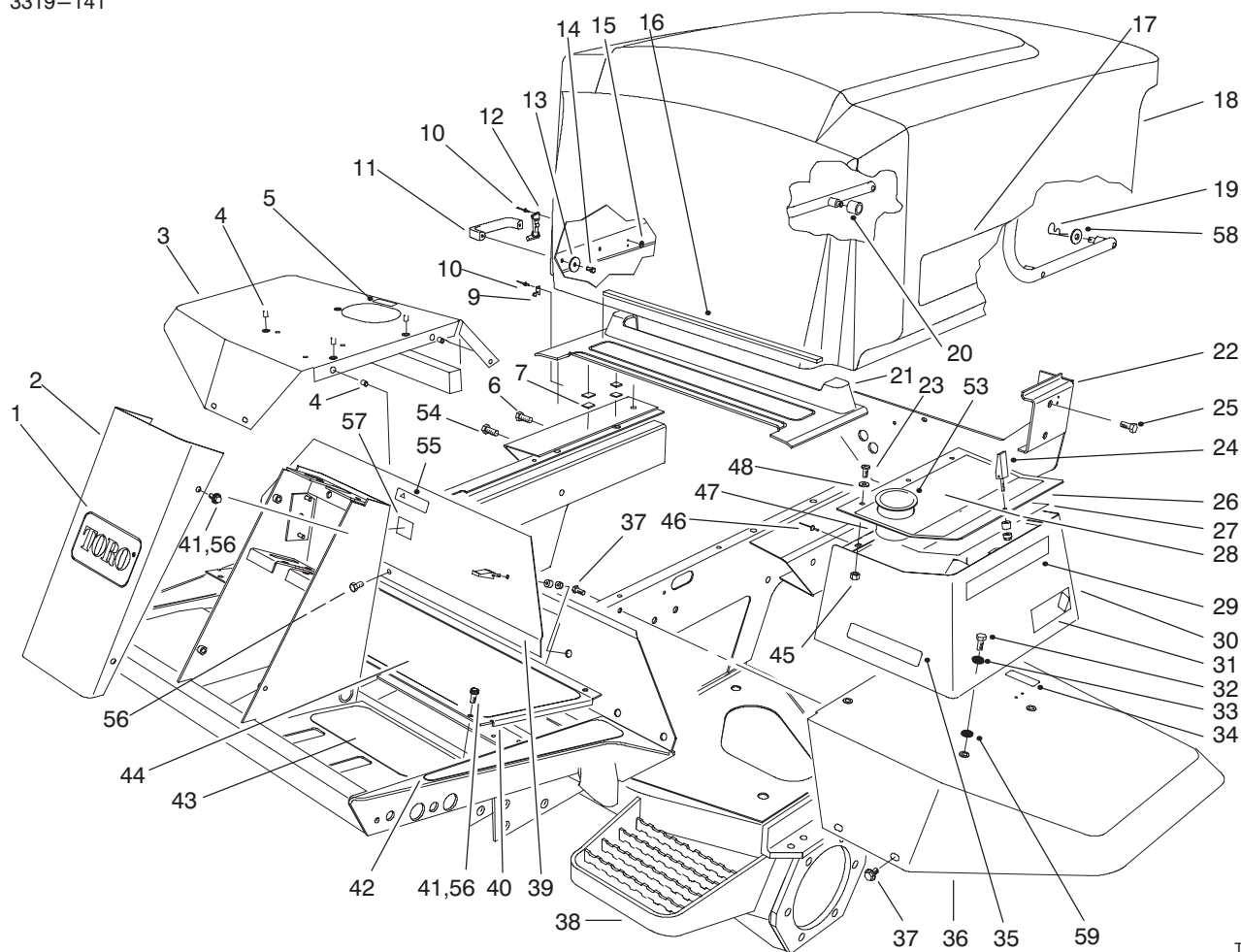
REELMASTER® 6500D — 2WD/4WD TRACTION UNIT



T-2366-3

FRAME & BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	62-5550	Decal-Toro	1	16	92-7633	Strip-Bumper, Hood	1
2	93-7996	Cover-Tower	1	17	92-7532	Decal-RM6500D	2
3	93-7579	Fender-RH	1	18	92-7511	Hood	1
4	32148-7	Nut-Clinch	5	19	3290-467	Pin-Cotter, Hair	2
5	85-4730	Decal-Hydraulic Oil Only	1	20	93-7582	Hose	1
5	93-6686	Decal-Hydraulic Oil (Europe)	1	21	94-2617	Cover-Pump	1
5	88-1980	Decal-Hydraulic Oil (Japan)	1	22	94-8131	Frame-Rear (Incl. Ref. #1, Page 51)	1
6	33106-035	Screw-HHF	8	23	3258-166	Screw	3
7	93-9155	Velcro	2	24	74-5950	Latch-Swell	3
9	249-40	Keeper	1	25	33108-035	Screw	6
10	3269-13	Rivet-Pop	4	26	93-9180	Cover-Box, Tool	1
11	65-5100	Handle-Hood	1	27	93-9165	Decal-Instr. Service, 2WD	1
12	59-9740	Latch-Draw	1	27	94-2935	Decal-Service (Danish)	1
13	3256-78	Washer-Flat	2	27	94-2936	Decal-Service (Dutch)	1
14	46-8091	Screw-Tapping	2	27	94-2937	Decal-Service (Finnish)	1
15	3269-10	Washer-Flat	2	27	94-2938	Decal-Service (French)	1
				27	94-2939	Decal-Service (German)	1



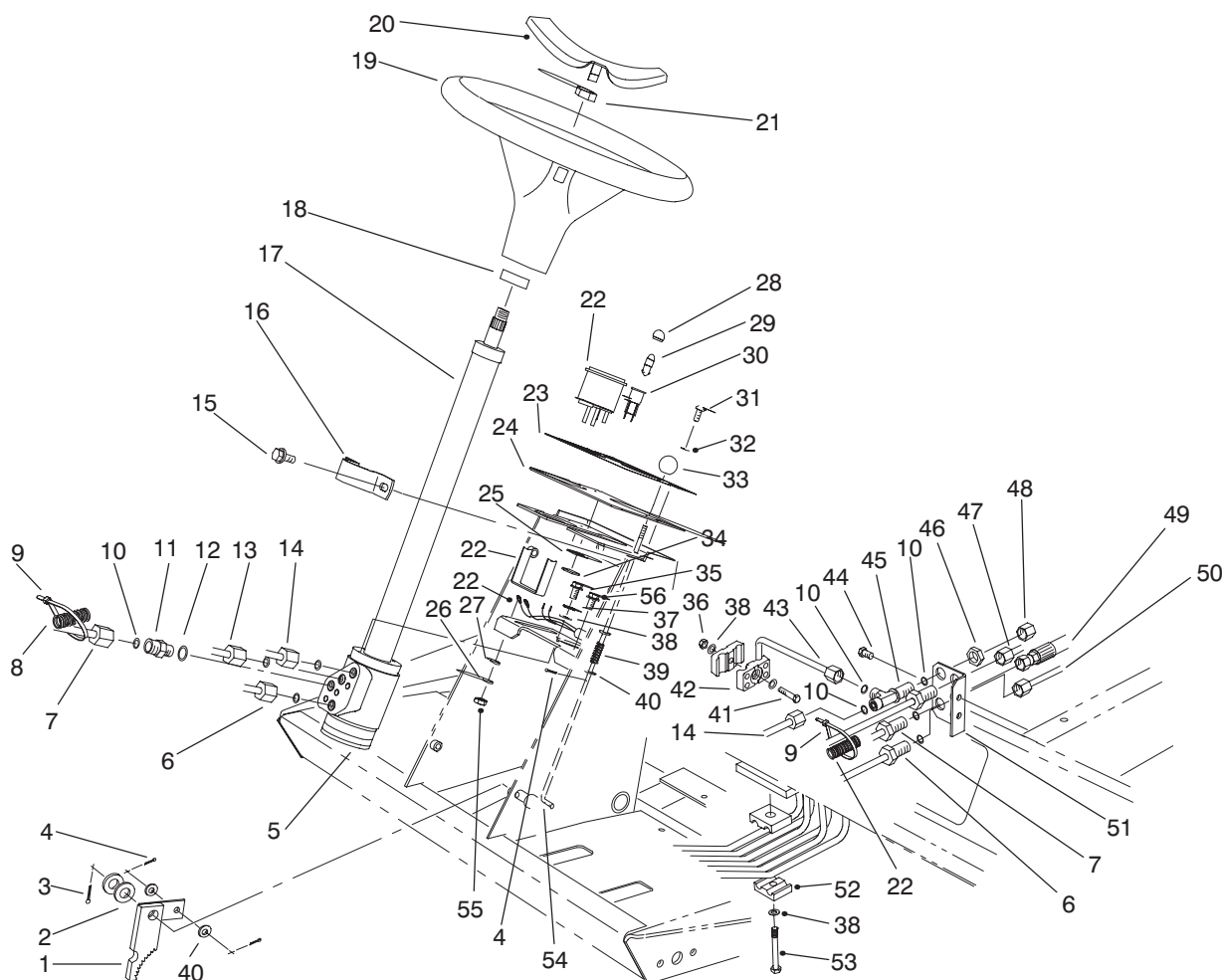
T-2366-3

FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
27	94-2940	Decal-Service (Italian)	1
27	94-2942	Decal-Service (Norwegian)	1
27	94-2943	Decal-Service (Portuguese)	1
27	94-2944	Decal-Service (Spanish)	1
27	94-2945	Decal-Service (Swedish)	1
27	94-2941	Decal-Service (Japan)	1
27	93-9166	Decal-Instr. Service, 4WD	1
27	94-2924	Decal-Service (Danish)	1
27	94-2925	Decal-Service (Dutch)	1
27	94-2926	Decal-Service (Finnish)	1
27	94-2927	Decal-Service (French)	1
27	94-2928	Decal-Service (German)	1
27	94-2929	Decal-Service (Italian)	1
27	94-2931	Decal-Service (Norwegian)	1
27	94-2932	Decal-Service (Portuguese)	1
27	94-2933	Decal-Service (Spanish)	1
27	94-2934	Decal-Service (Swedish)	1
27	94-2930	Decal-Service (Japan)	1
28	93-9177	Decal-Warning, Hillside	1
28	93-1262	Decal-Hillside (Europe)	1
28	94-4572	Decal-Hillside (Japan)	1
29	72-3560	Decal-4WD (Model 03801)	1
30	75-5810	Box-Tool	1
31	93-0096	Decal-ACE	2
32	322-3	Screw-Hex. Hd.	4
33	3256-3	Washer-Flat	4
34	52-1320	Decal-Fuel, Diesel	1
34	93-6680	Decal-Fuel, Diesel (Europe)	1
34	84-2860	Decal-Fuel, Diesel (Japan)	1

Ref. No.	Part No.	Description	No. Used
35	75-5190	Decal-No Riders	1
35	93-6689	Decal-No Riders (Europe)	1
35	84-3420	Decal-No Riders (Japan)	1
36	75-3860	Fender-LH	1
37	3234-14	Screw-Flange	10
38	94-9953	Frame-Front (Incl. Ref. #42, 43 & on Page 67, #21)	1
39	75-1390	Cover-Access, Front	1
40	75-1410	Plate-Access, Floor	1
41	75-6840	Knob-Knurled	8
42	93-7592	Tread-Footrest	2
43	75-0620	Tread-Foot, LH	1
*	75-0610	Tread-Foot, RH	1
44	75-0630	Tread-Foot, Center	1
45	32128-33	Nut-Flange	3
46	93-8744	Rivet-Pop	3
47	75-5780	Hinge-Cover	1
48	3256-1	Washer-Flat	3
53	94-1410	Holder-Can, Beverage	1
54	33105-035	Screw-Flange	2
55	93-9426	Decal-Danger	1
55	93-9425	Decal-Danger (Europe)	1
55	94-4579	Decal-Danger (Japan)	1
56	3234-7	Screw-(Europe)	3
57	93-7252	Decal-(Europe)	1
58	66-6480	Washer	2
59	66-2920	Washer	4

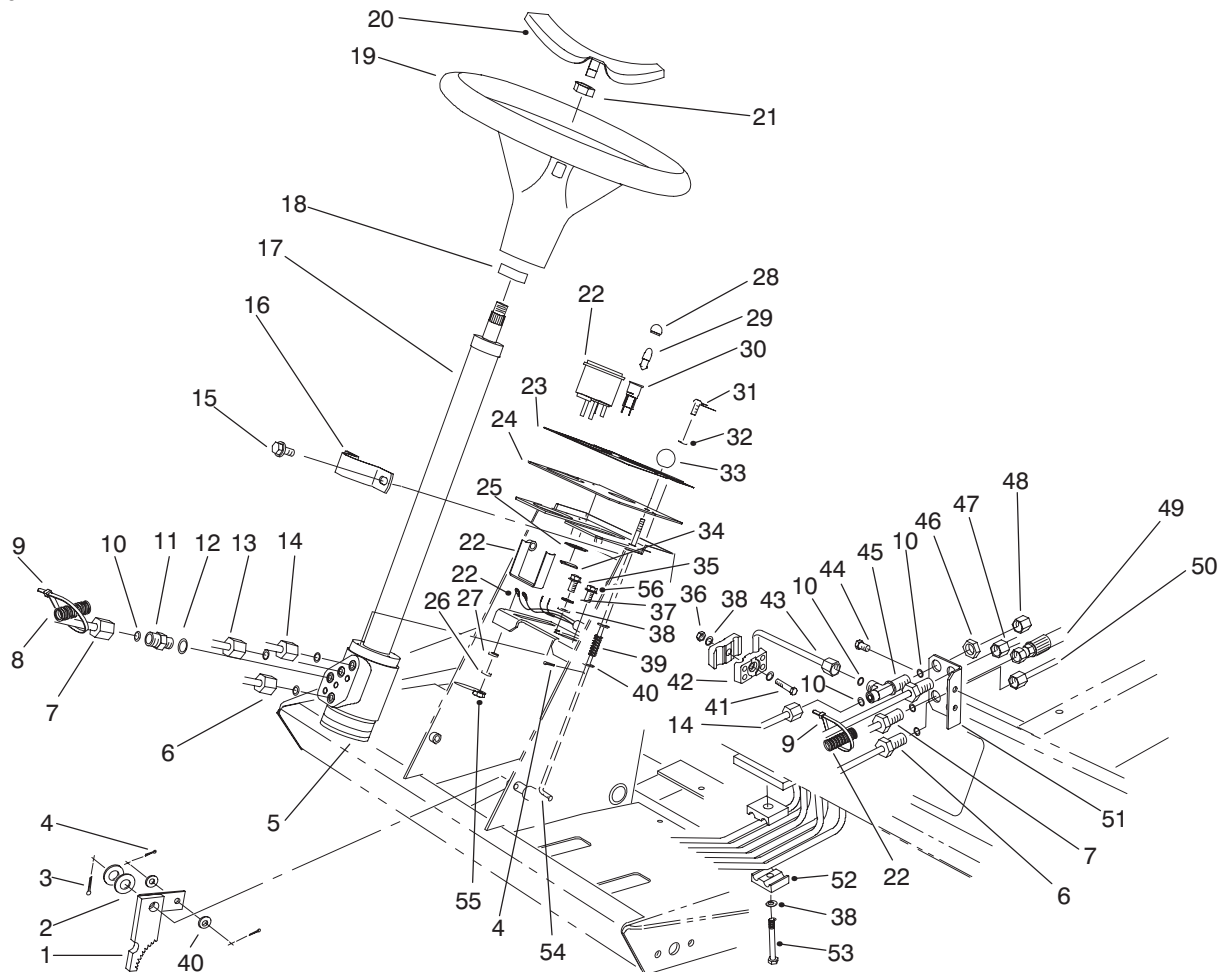
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T-2447-1

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	63-7900	Rack	1	23	94-4573	Decal-Tower (Japan)	1
2	3256-26	Washer-Flat	2	24	93-7998	Plate-Instrument	1
3	3272-10	Pin-Cotter	1	25	218-536	Washer-Lock, Int. Tooth	1
4	3272-5	Pin-Cotter	3	26	3219-14	Washer-Lock	3
5	94-9950	Asm-Valve, Steering	1	27	3256-14	Washer-Flat	2
6	94-3059	Tube-Steering, RH	1	28	218-533	Lens-Red	1
7	94-3061	Tube-Steering, Front, In	1	29	93-7480	Bulb-LED	1
8	94-3090	Harness-Wire, Main	1	30	44-2210	Asm-Light, Warning (Incl. Ref. #25, 28, 29, & 34)	1
9	3290-378	Tie-Cable	7	31	87-6620	Screw-Torx Pan Hd.	2
10	237-22	O-Ring	10	32	3256-1	Washer-Flat	2
11	340-2	Adapter (Incl. Ref. #10 & 12)	4	33	233-17	Knob	1
12	237-42	O-Ring	4	34	218-535	Nut-Lock	1
13	94-3060	Tube-Steering, Front LH	1	35	33103-025	Screw-HHF	1
14	94-3062	Tube-Steering, Front, Out	1	36	3296-47	Nut-Lock	1
15	3234-7	Screw	2	37	3255-8	Washer-Lock	1
16	75-2810	Bracket-Column, Steering	1	38	3256-23	Washer-Flat	6
17	94-9951	Asm-Column, Steering	1	39	95-1821	Spring-Brake, Park	1
18	21-9260	Cover-Dust	1	40	3256-22	Washer-Flat	4
19	94-3500	Wheel-Steering (Incl. Ref. #20)	1	41	322-7	Screw-HH	1
20	88-3870	Cover	1	42	56-7972	Clamp	2
21	94-9952	Nut-Jam	1	43	94-1447	Tube-Steering, Return	1
22	93-4213	Asm-Speedometer (Incl. Ref. #26, 27 & 53))	1	44	32144-11	Screw-Thread Forming	2
23	93-7554	Decal-Tower	1	45	340-68	Fitting-Tee, Bulkhead (Incl. Ref. #10)	1
23	93-1263	Decal-Tower (Europe)	1	46	340-70	Nut-Lock, Bulkhead	4
				47	92-7495	Asm-Tube, Steering Rear	1

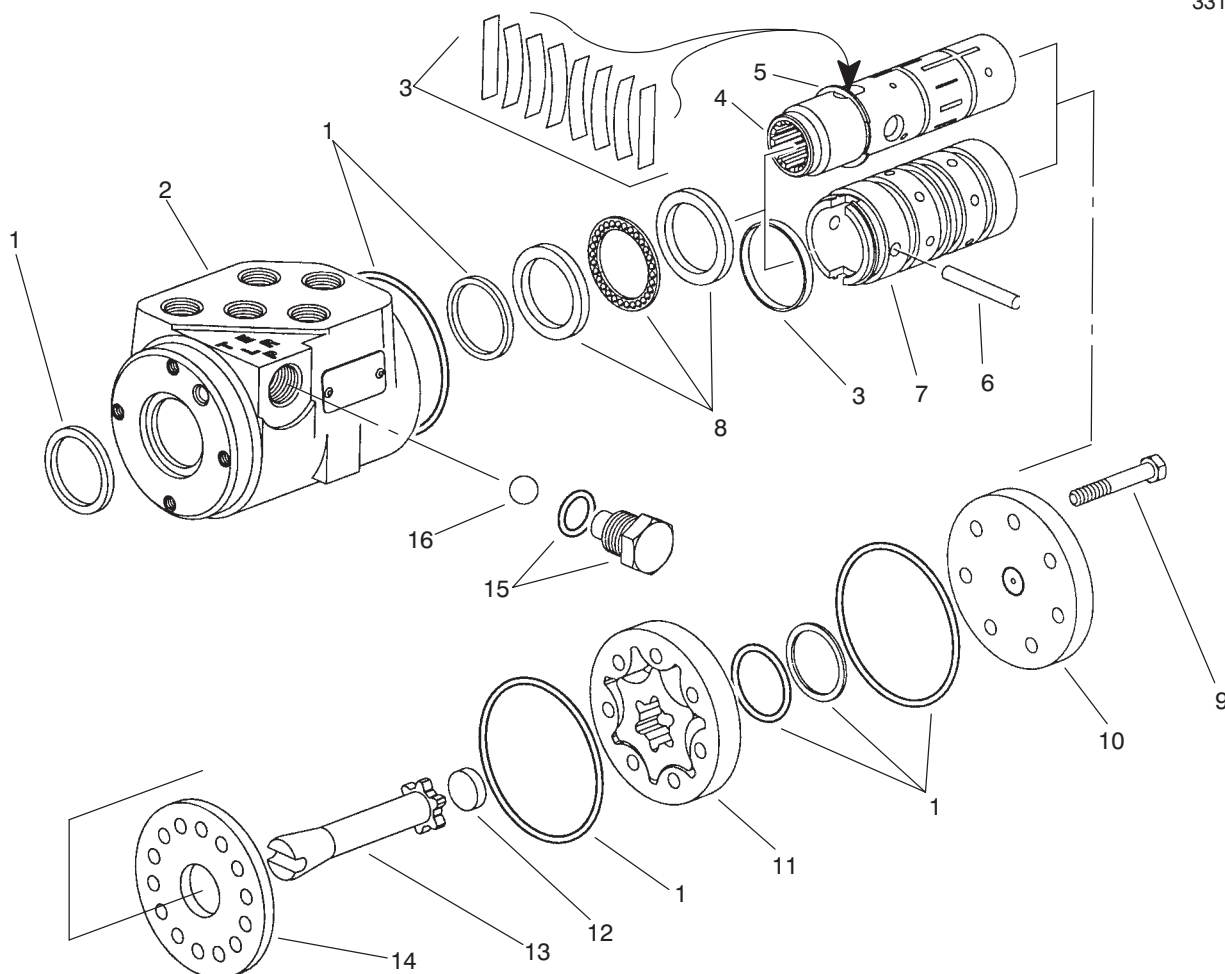


T-2447-1

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
48	340-117	Cap-Fitting	1
49	92-7622	Hose-Steering	1
50	92-7494	Asm-Tube Steering Rear	1
51	92-7606	Bracket-Bulkhead	1
52	56-7973	Clamp	6

Ref. No.	Part No.	Description	No. Used
53	322-6	Screw-Hex. Hd.	3
54	75-1490	Rod-Brake, Park	1
55	3253-2	Nut-Hex.	9
56	33103-020	Screw-HHF	2

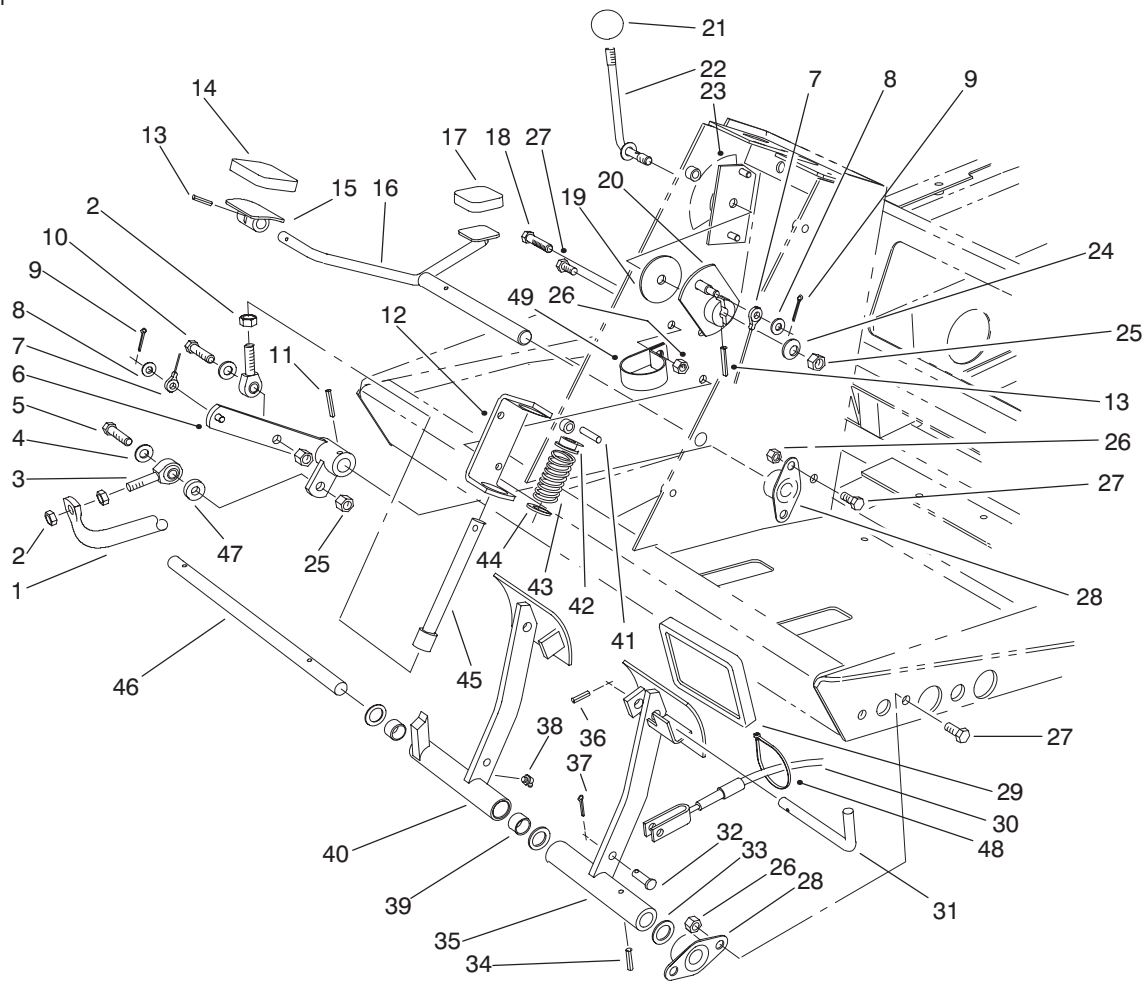


T-2312-1

STEERING VALVE ASSEMBLY NO. 94-9950

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-4099	Kit-Seal	1	9	94-4088	Screw	7
†2		Housing	1	10	94-4089	Cap-End	1
3	94-4095	Kit-Spring, Centering	1	11	94-4090	Gerotor	1
†4		Spool	1	12	94-4091	Spacer	1
5	94-4098	Ring-Retaining	1	13	94-4093	Drive	1
6	94-4094	Pin	1	14	94-4092	Plate-Wear	1
†7		Sleeve	1	15	94-4097	Asm-Plug	1
8	94-4096	Kit-Bearing	1	16	94-4100	Ball	1

† Not Serviced Separately.



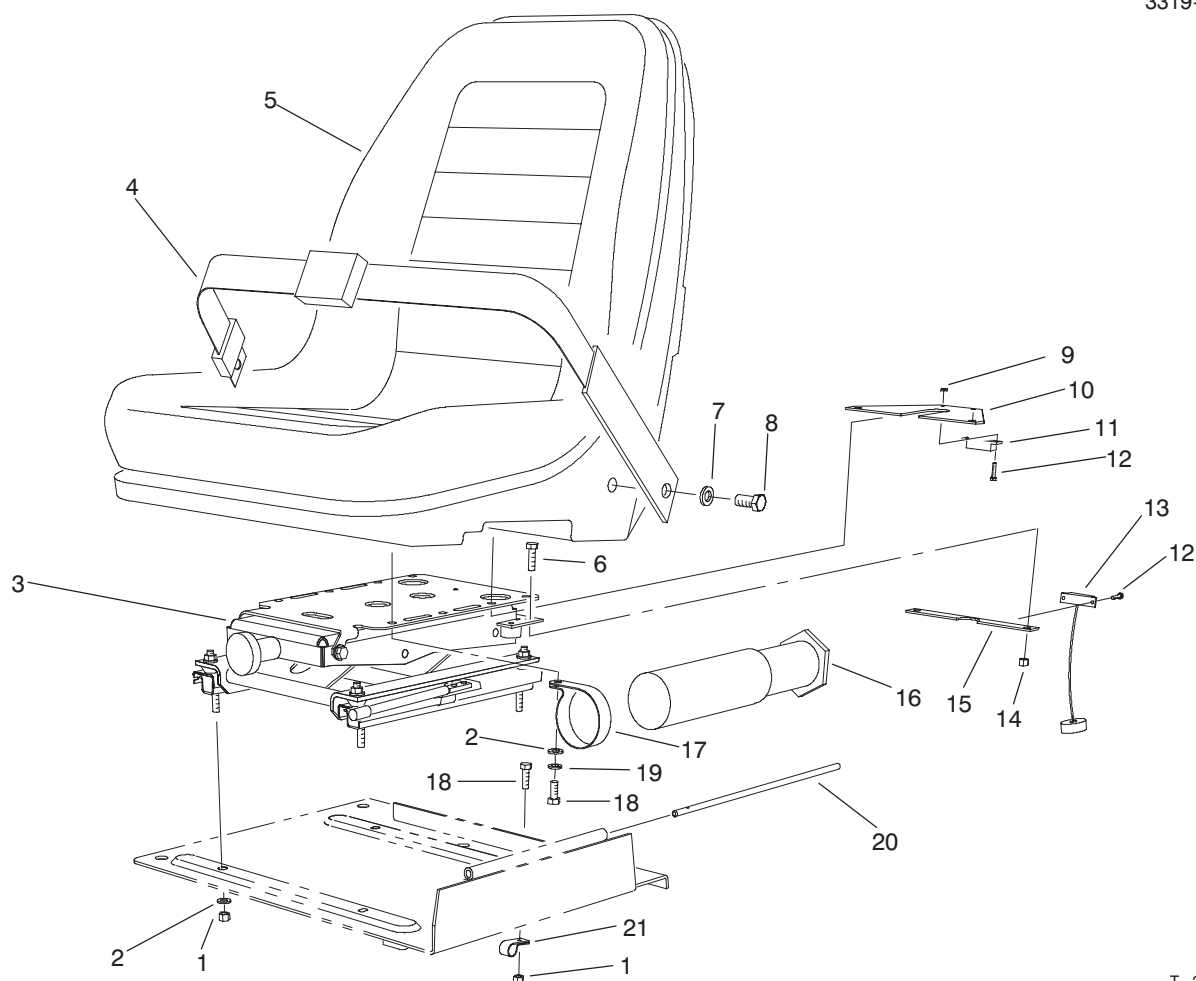
T-2063-2

TRACTION & BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-7531	Tube—Control, Pump	1
2	3220-3	Nut—Jam	3
3	2411-36	Bearing—Rod End	2
4	3256-24	Washer—Flat	2
5	323-9	Screw—Hex. Hd.	1
6	75-3270	Hub—Pivot, Traction	1
7	75-6580	Cable—Pedal	1
8	3256-22	Washer—Flat	2
9	3272-2	Pin—Cotter	2
10	323-7	Screw—Hex. Hd.	1
11	32121-6	Pin—Roll	1
12	92-7608	Bracket—Spring	1
13	32121-45	Pin—Roll	2
14	74-9100	Pad—Pedal, Forward	1
15	49-6440	Pedal—Accelerator	1
16	75-2970	Pedal—Traction	1
17	74-9110	Pad—Pedal, Reverse	1
18	32144-14	Screw—Hex. Hd.	2
19	75-6550	Disc—Friction	1
20	75-6510	Bracket—Lever	1
21	233-42	Knob	1
22	75-6490	Lever	1
23	75-6710	Decal—Fast/Slow	1
23	93-6699	Decal—Fast/Slow (Europe)	1
23	84-3500	Decal—Fast/Slow (Japan)	1
24	3290-461	Washer—Belleville	1
25	3296-39	Nut—Lock	3

Ref. No.	Part No.	Description	No. Used
26	32128-20	Nut—Lock	9
27	322-3	Screw—Hex. Hd.	9
28	256-236	Bearing—Flange	4
29	93-8742	Pad—Brake	2
30	92-7530	Asm—Cable, Brake LH	1
*	92-7529	Asm—Cable, Brake RH	1
31	63-7880	Pin—Latch, Brake	1
32	283-58	Pin—Clevis	2
33	3256-69	Washer—Flat	3
34	32121-16	Pin—Roll	1
35	75-1440	Pedal—Brake, LH	1
36	32121-50	Pin—Roll	1
37	3272-10	Pin—Cotter	2
38	302-60	Fitting—Grease	1
39	256-42	Bushing	2
40	75-1430	Pedal—Brake, RH (Incl. Ref. #38 & 39)	1
41	32121-11	Pin—Roll	1
42	92-7610	Retainer—Spring	1
43	60-5700	Spring—Compression	1
44	3256-5	Washer—Flat	1
45	92-7609	Shaft—Spring	1
46	75-1470	Pin—Pivot, Brake	1
47	5-0652	Spacer	1
48	3290-378	Tie—Cable	1
49	2412-96	Clamp—R	1

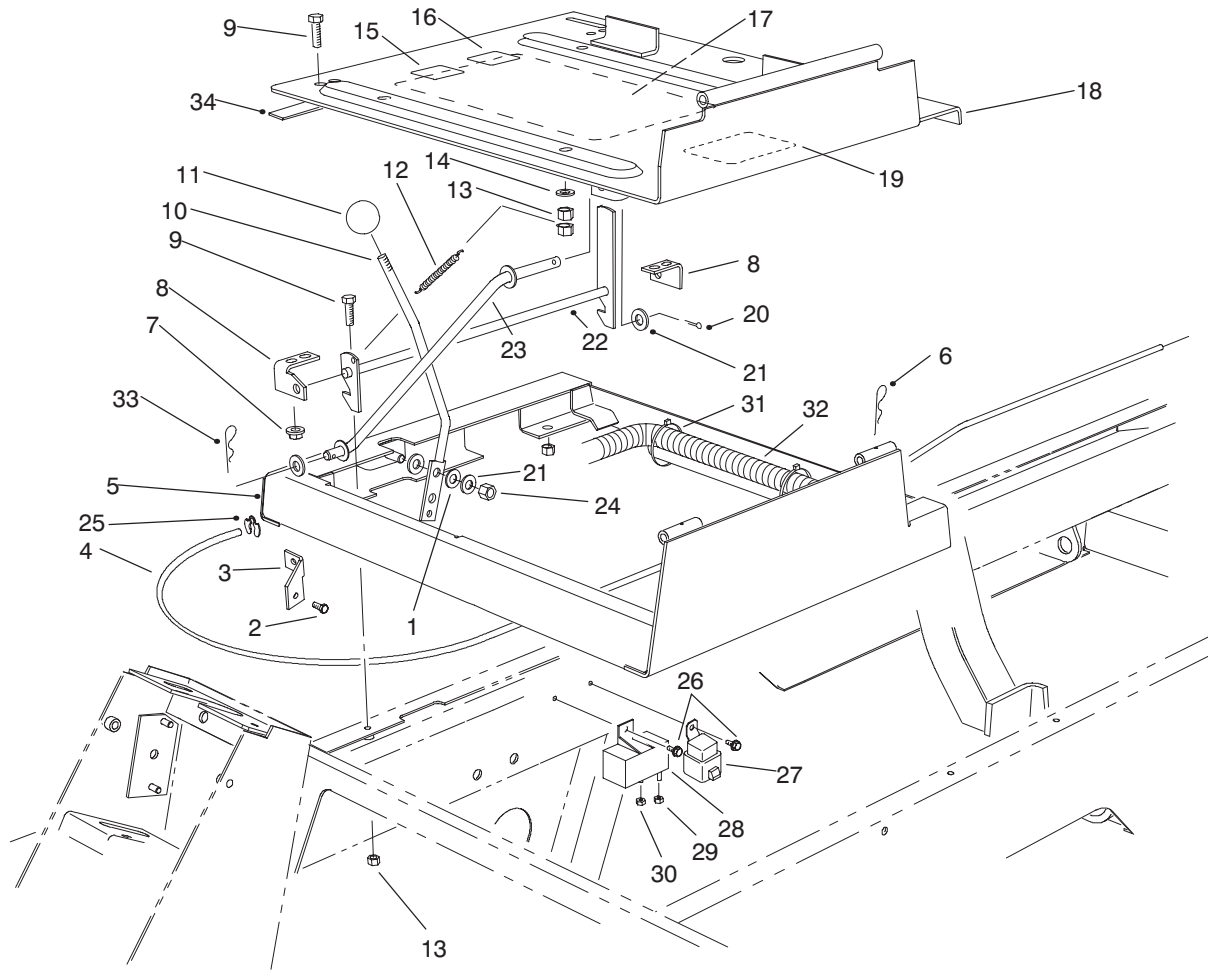
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T-2064-1

SEAT FRAME & THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-29	Nut-Lock	5	10	75-4370	Bracket-Seat	1
2	3256-23	Washer-Flat	8	11	92-8753	Magnet-Switch, Reed	1
3		Suspension-Seat	1	12	3250-29	Screw	4
4	21-4191	Asm-Seat Belt (Model 03801 Only)	1	13	92-8001	Sensor-Switch, Reed	1
5	92-1180	Asm-Seat	1	14	3296-39	Nut-Lock	2
6	323-4	Screw-Hex. Hd.	2	15	75-4360	Bracket-Suspension, Seat	1
7	3253-6	Washer-Lock (Model 03801 Only)	2	16	74-0720	Tube-Manual	1
8	3212-4	Screw (Model 03801 Only)	2	17	2412-133	Clamp-R	2
9	3296-54	Nut-Lock	4	18	322-3	Screw-Hex. Hd.	2
				19	3253-4	Washer-Lock	4
				20	75-3400	Shaft-Pivot, Seat	1
				21	2412-93	Clamp-R	1

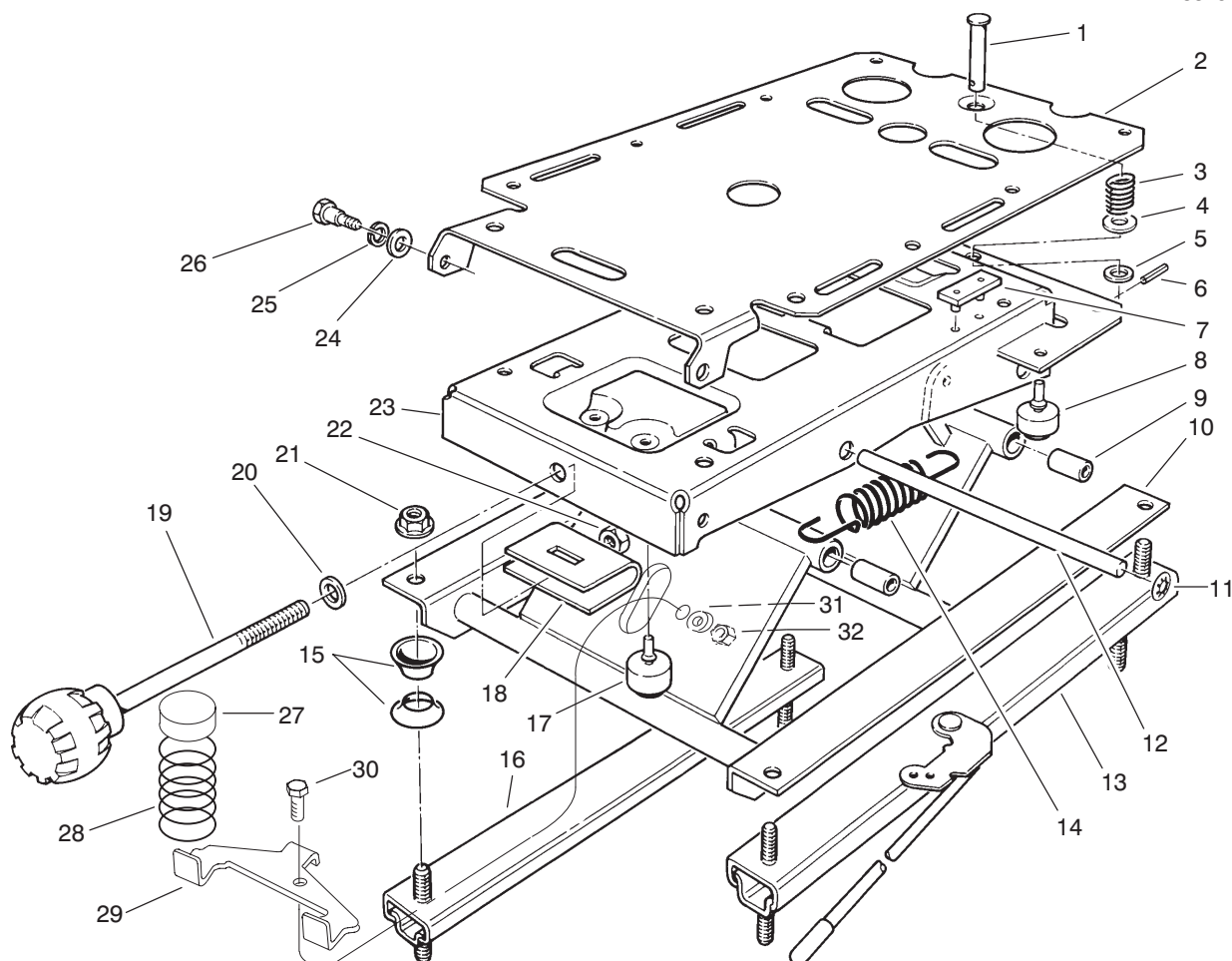


T-2065-2

SEAT FRAME & THROTTLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	66-2920	Washer—Nylon	2
2	49-2040	Screw—Hex. Hd.	1
3	92-7396	Mount—Cable	1
4	92-7520	Cable—Throttle	1
5	93-9973	Frame—Seat	1
6	3290-467	Pin—Cotter, Hair	1
7	32128-25	Nut—Lock	4
8	93-9983	Bracket—Latch, Seat	2
9	322-3	Screw—HH	8
10	93-7598	Lever—Throttle	1
11	233-42	Knob	1
12	66-4190	Spring	1
13	3296-29	Nut—Lock	9
14	3256-23	Washer—Flat	4
15	63-9920	Decal—EEC 105 DBA	1
16	85-6910	Decal—EEC 86 DBA	1
17	95-3466	Decal—Instructions, Clip	1
17	95-3467	Decal—Clip (Danish)	1
17	95-3468	Decal—Clip (Dutch)	1
17	95-3469	Decal—Clip (Finnish)	1
17	95-3470	Decal—Clip (French)	1
17	95-3471	Decal—Clip (German)	1
17	95-3472	Decal—Clip (Italian)	1
17	95-3473	Decal—Clip (Norwegian)	1
17	95-3474	Decal—Clip (Portuguese)	1
17	95-3475	Decal—Clip (Spanish)	1
17	95-3476	Decal—Clip (Swedish)	1
17	95-3477	Decal—Clip (Japan)	1

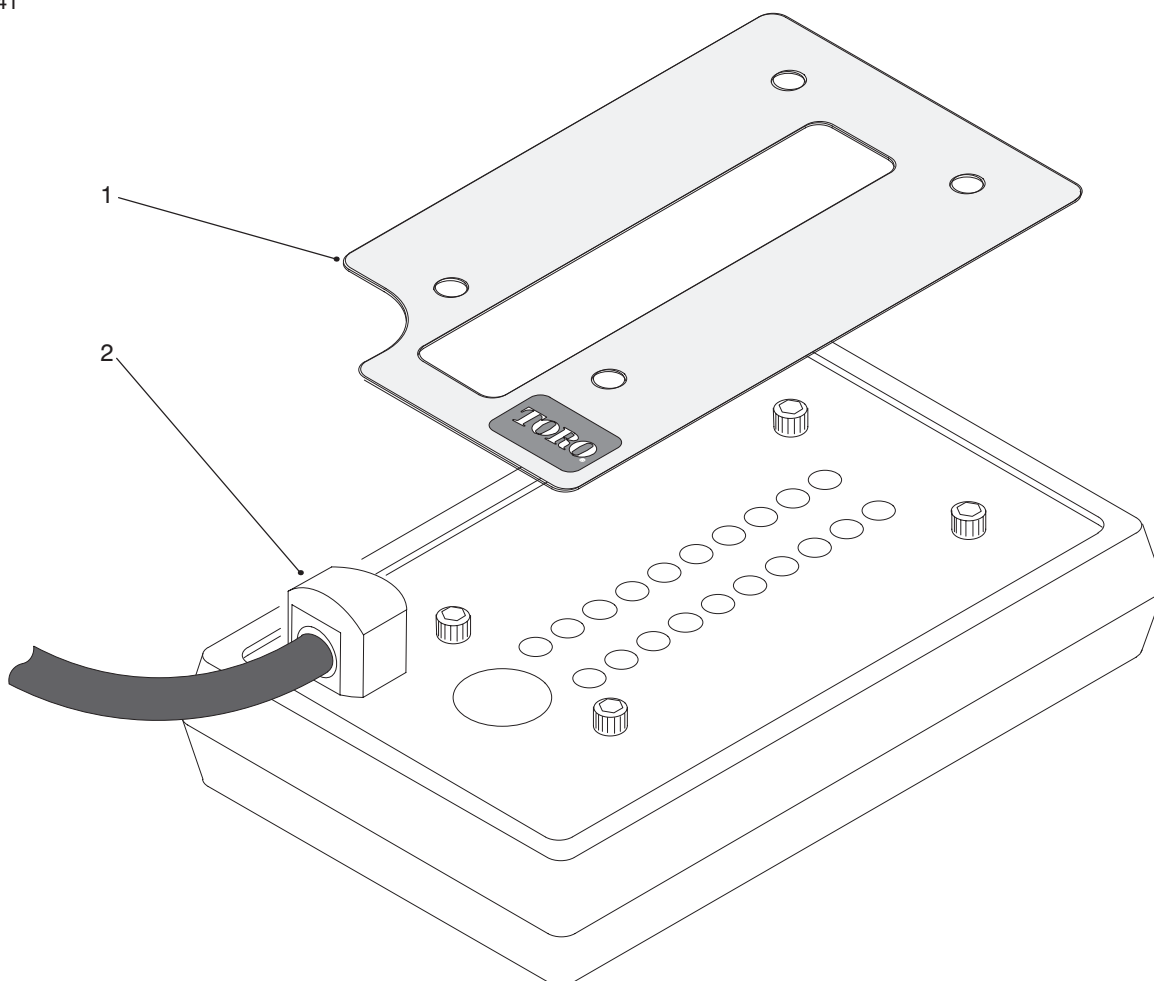
Ref. No.	Part No.	Description	No. Used
18	93-9976	Plate—Seat	1
19	93-9184	Decal—Rear Manifold Block	1
19	94-2913	Decal—Rear Manifold (DK)	1
19	94-2914	Decal—Rear Manifold (NL)	1
19	94-2915	Decal—Rear Manifold (SF)	1
19	94-2916	Decal—Rear Manifold (F)	1
19	94-2917	Decal—Rear Manifold (D)	1
19	94-2918	Decal—Rear Manifold (I)	1
19	94-2920	Decal—Rear Manifold (N)	1
19	94-2921	Decal—Rear Manifold (P)	1
19	94-2922	Decal—Rear Manifold (ES)	1
19	94-2923	Decal—Rear Manifold (S)	1
19	94-2919	Decal—Rear Manifold (J)	1
20	3272-10	Pin—Cotter	1
21	3256-24	Washer—Flat	3
22	93-9979	Latch—Seat	1
23	75-3680	Rod—Seat	1
24	3296-39	Nut—Lock	1
25	52-5910	Ring—Retaining	1
26	32144-10	Screw	2
27	70-1480	Relay	1
28	76-5260	Relay—Glow Plug	1
29	48-7880	Nut	1
30	48-7890	Nut	1
31	3290-378	Tie—Cable	2
32	94-3090	Harness—Wire, Main	1
33	3290-307	Pin—Cotter, Hair	1
34	94-8146	Strip—Foam, Seat	1



T-1031-1

SEAT SUSPENSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	80-4860	Pin—Clevis	1	17	66-8520	Bumper—Down Stop	2
2	75-3580	Plate—Mounting, Seat	1	18	77-2870	Weldment—Hanger	1
3	75-3530	Spring—Compression	1	19	76-1930	Knob—Tension Adjustment	1
4	3256-5	Washer—Flat	1	20	3256-46	Washer—Flat	1
5	3256-24	Washer	1	21	32128-26	Nut—Flange	4
6	75-3540	Pin—Roll	1	22	3296-44	Nut—Lock	1
7	75-3550	Bumper—Seat	2	23	75-3480	Weldment—Upper	1
8	76-2940	Bumper—Rubber	2	24	3256-26	Washer—Flat	2
9	76-1920	Bushing—Sleeve	4	25	3253-6	Washer—Lock	2
10	66-8610	Weldment—Lower	1	26	75-3510	Bolt—Shoulder	2
11	66-8560	Nut—Push	4	27	93-3164	Cap	2
12	76-1910	Shaft—Pivot	2	28	93-3163	Spring	1
13	82-9060	Adjuster W/Handle	1	29	93-3165	Bracket	1
14	76-1940	Spring—Extension	2	30	322-6	Screw—Hex. Hd.	1
15	66-9290	Spacer	6	31	3253-33	Washer—Lock	1
16	66-8530	Adjuster	1	32	3217-6	Nut—Jam	1



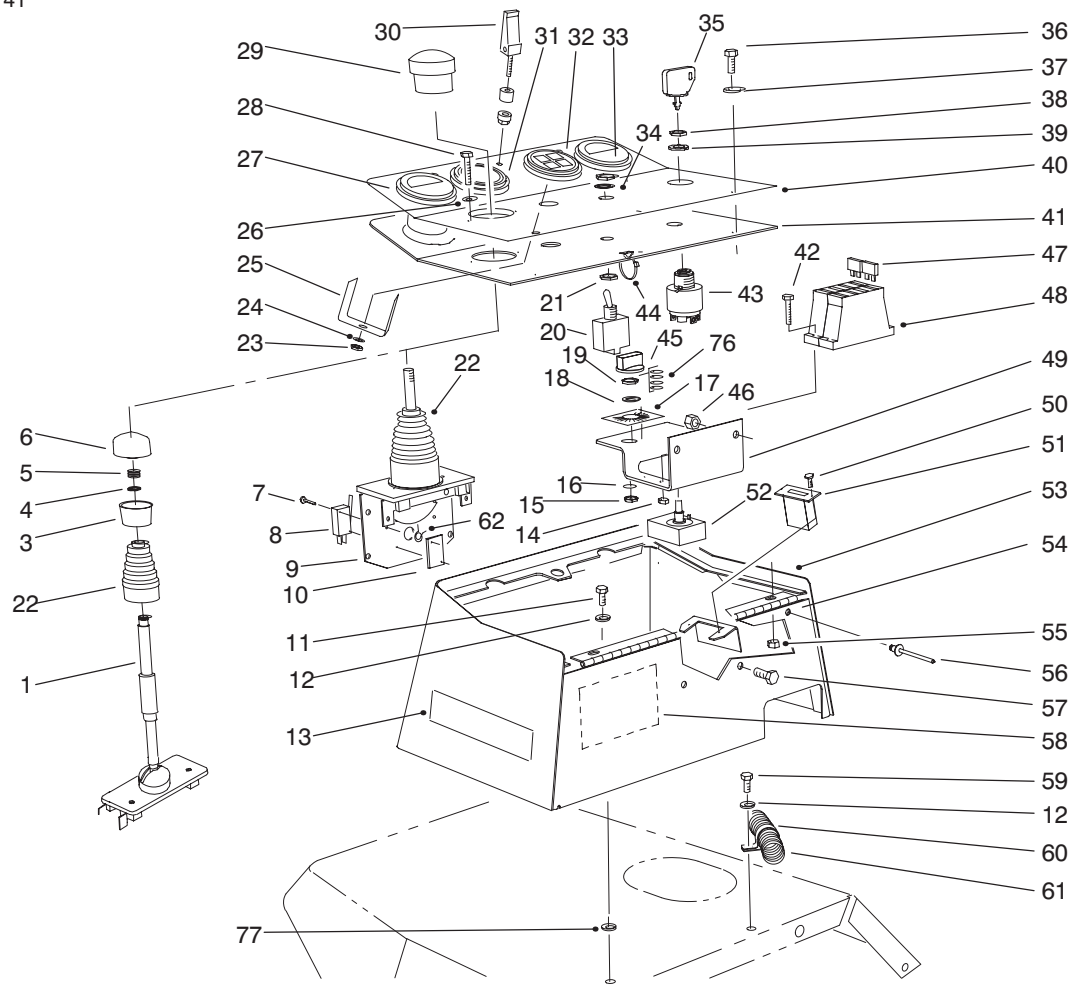
T-1458-1

DIAGNOSTIC — ACE DISPLAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-7543	Decal—Diagnostic ACE V 1.0	1
1	94-3354	Decal—Diagnostic ACE V 1.0 (Danish)	1
1	94-3355	Decal—Diagnostic ACE V 1.0 (Dutch)	1
1	94-3356	Decal—Diagnostic ACE V 1.0 (Finnish)	1
1	94-3357	Decal—Diagnostic ACE V 1.0 (French)	1
1	94-3358	Decal—Diagnostic ACE V 1.0 (German)	1
1	94-3359	Decal—Diagnostic ACE V 1.0 (Italian)	1
1	94-3361	Decal—Diagnostic ACE V 1.0 (Norwegian)	1
1	94-3362	Decal—Diagnostic ACE V 1.0 (Portuguese)	1
1	94-3363	Decal—Diagnostic ACE V 1.0 (Spanish)	1
1	94-3364	Decal—Diagnostic ACE V 1.0 (Swedish)	1
1	94-3360	Decal—Diagnostic ACE V 1.0 (Japan)	1

Ref. No.	Part No.	Description	No. Used
2	85-4750	Display—Diagnostic ACE	1
*3	94-5386	Decal—Diagnostic	1
*3	94-8060	Decal—Diagnostic (Danish)	1
*3	94-8061	Decal—Diagnostic (Dutch)	1
*3	94-8062	Decal—Diagnostic (Finnish)	1
*3	94-8063	Decal—Diagnostic (French)	1
*3	94-8064	Decal—Diagnostic (German)	1
*3	94-8065	Decal—Diagnostic (Italian)	1
*3	94-8066	Decal—Diagnostic (Japanese)	1
*3	94-8067	Decal—Diagnostic (Norwegian)	1
*3	94-8068	Decal—Diagnostic (Portuguese)	1
*3	94-8069	Decal—Diagnostic (Spanish)	1
*3	94-8070	Decal—Diagnostic (Swedish)	1

*Not Illustrated

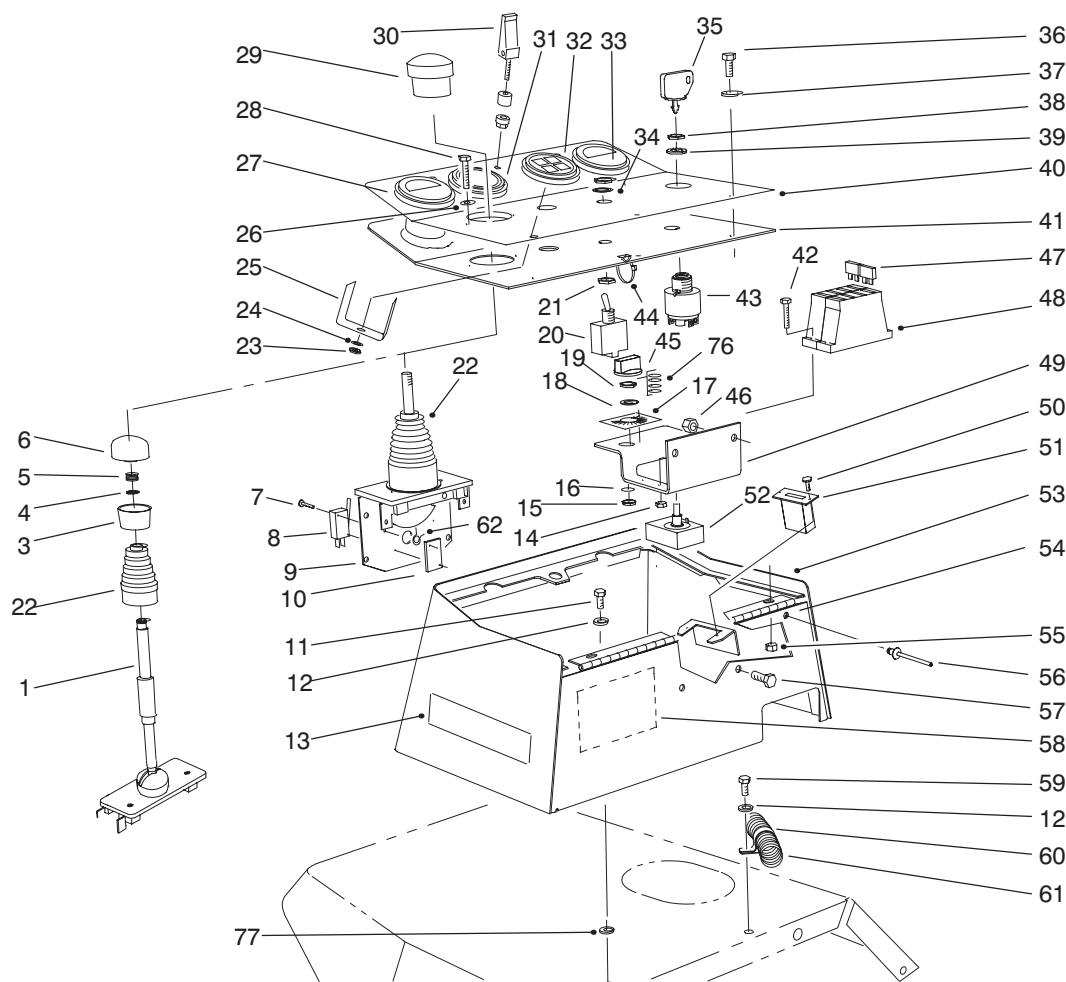


T-2066-6

CONTROL CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-8102	Tube-Interlock (Europe)	1
3	94-3055	Cap-Lower, Joystick (Europe)	1
4	94-3056	Snap Ring-Joystick (Europe)	1
5	94-3057	Spring-Compression (Europe)	1
6	94-3058	Cap-Upper, Joystick (Europe)	1
7	3290-93	Screw-HH	4
8	94-8104	Switch-Micro	2
9	75-3420	Lever-Control (Incl. Ref. #7-8, 10, 22 & 29)	1
9	94-6753	Joystick (Europe) (Incl. Ref. #1-6, 7-8, 10 & 22)	1
10	3290-354	Plate-Nut	2
11	322-3	Screw-HH	3
12	3256-23	Washer-Flat	4
13	75-5190	Decal-No Riders	1
13	93-6689	Decal-No Riders (Europe)	1
13	84-3420	Decal-No Riders (Japan)	1
14	3296-2	Nut-Lock	1
15		Nu-Lock	1
16		Washer-Lock	1
17	94-2633	Decal-HOC Selector	1

Ref. No.	Part No.	Description	No. Used
17	93-1268	Decal-HOC Selector (Europe)	1
17	94-4575	Decal-HOC Selector (Japan)	1
18	3254-6	Washer-Lock	1
19	3220-24	Nut-Lock	1
20	75-1010	Switch (Incl. Ref. #21, 34 & 74-75)	1
21	218-498	Nut-Hex.	2
22	94-8103	Boot-Control, Lift	1
23	3217-26	Nut	1
24	3254-1	Washer-Lock	1
25		Clamp	1
26	3256-14	Washer-Flat	2
27	93-8497	Gauge-Fuel	1
28	3250-31	Screw-Pan Hd.	2
29	3290-489	Knob-Control, Lift	1
30	74-5950	Latch-Swell	1
31	93-7484	Light-Warning Bank (Incl. Ref. #23-25 & 62-63)	1
32	93-7483	Light-Warning Bank (Incl. Ref. #23-25 & 62-63)	1
33	76-9060	Gauge-Temperature (Incl. Ref. #64-65)	1
34	218-589	Washer-Lock	1
35	63-8360	Key-Ignition	1
36	3258-166	Screw	3



T-2066-6

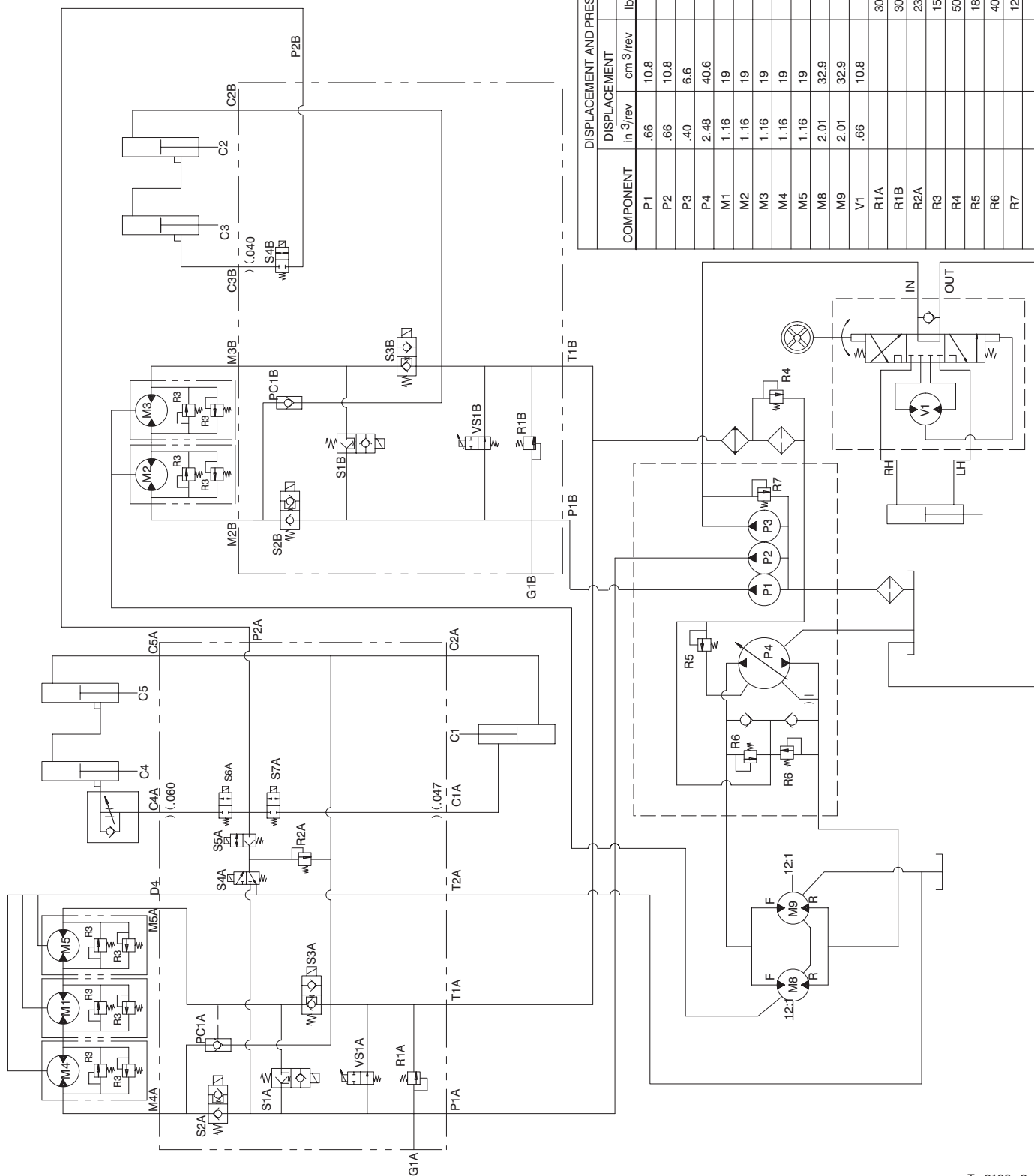
CONTROL CONSOLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
37	3256-1	Washer	3	53	75-5740	Box-Control	1
38	218-447	Nut-Hex.	1	54	75-5780	Hinge-Cover	1
39	218-446	Washer-Lock	1	55	32128-33	Nut-Lock	3
40	93-9167	Decal-Console	1	56	93-8744	Rivet-Pop	3
40	93-1261	Decal-Console (Europe)	1	57	321-39	Screw-Hex. Hd.	2
40	94-4574	Decal-Console (Japan)	1	58	94-6349	Decal-Fuses	1
41	94-1417	Cover-Box, Control	1	58	93-1266	Decal-Fuses (Europe)	1
42	32105-13	Screw-HH	4	58	94-3091	Decal-Fuses (Japan)	1
43	27-2360	Switch-Ignition (Incl. Ref. #38 & 39)	1	59	322-5	Screw-Hex. Hd.	1
44	3290-378	Tie-Cable	2	60	2412-126	Clamp-R	1
45	85-4480	Knob	1	61	94-3090	Harness-Wire, Main	1
46	3296-42	Nut-Lock	2	62	93-3625	Spring-Return, Joystick	1
†47	218-594	Fuse-20A	1	*63	87-6270	Socket-Light	4
†47	218-578	Fuse-10A	4	*64	219-17	Bulb	4
†47	218-581	Fuse-15A	1	*65	3217-25	Nut-Hex.	2
†47	218-574	Fuse-7.5A	1	*66	3253-15	Washer-Lock	2
†47	94-6710	Fuse-2A	1	*67	3217-29	Nut-Hex.	6
†48	67-7160	Block-Fuse	2	*68	3255-24	Washer-Lock, Ext. Tooth	3
49	93-7587	Bracket-Fuse Block	1	*69	3219-14	Nut-Hex.	8
50	32144-18	Screw-Hex. Washer Hd.	2	*70	3253-2	Washer-Lock	5
51	75-6820	Hour Meter	1	*74	218-588	Screw	2
52	85-4470	Potentiometer (Incl. Ref. #18 & 19) Note: Replacement of this part requires recalibration of electronic controller by distributor after installation.	1	*75	3255-19	Washer-Lock	2
				*	94-6343	Decal-Wire Identification #1	1
				*	94-6344	Decal-Wire Identification #2	1
				76	237-7	O-Ring	4
				77	66-2920	Washer	3

*Not Illustrated

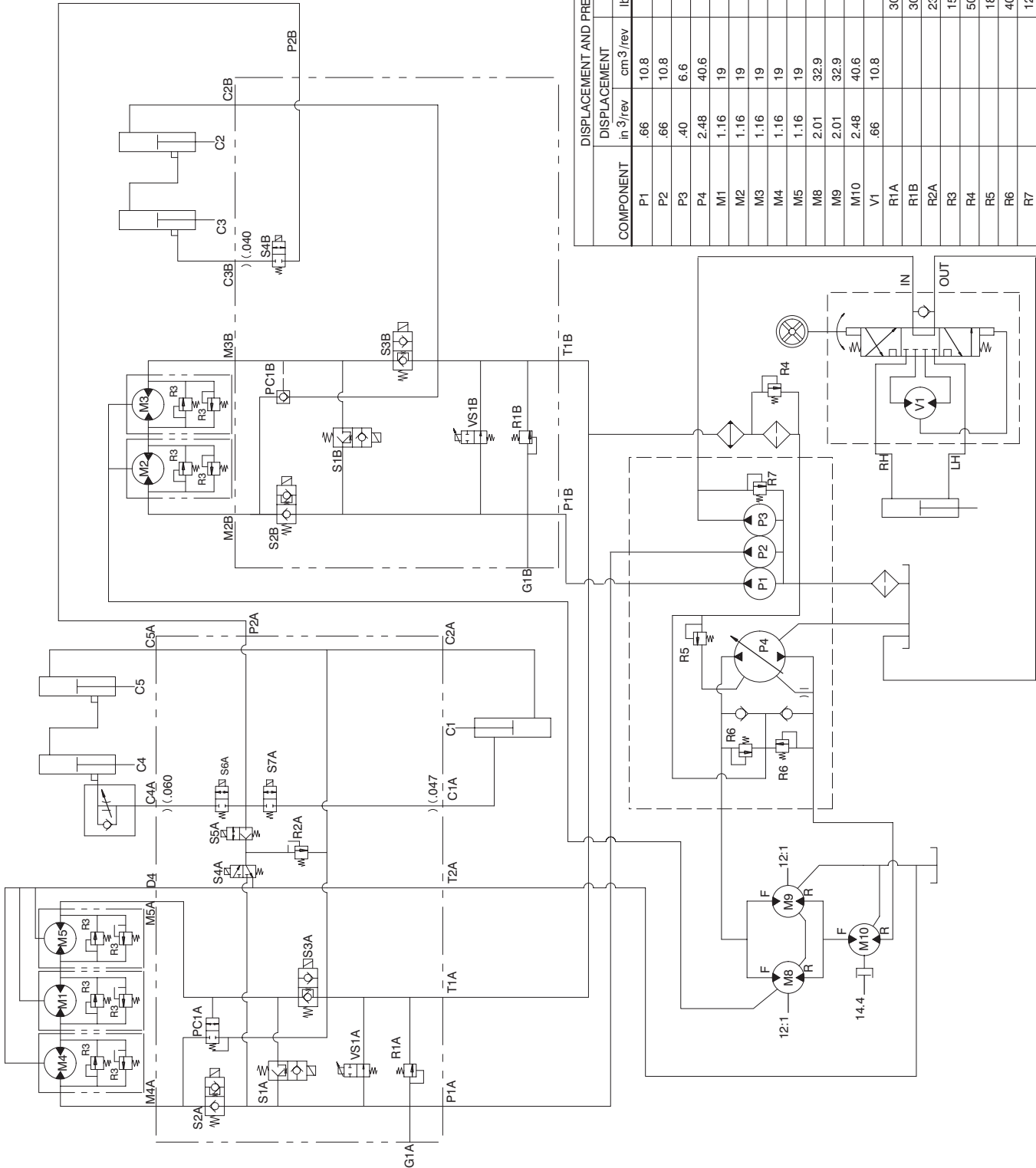
†Included in Main Wiring Harness

HYDRAULIC SCHEMATIC (Model 03800)



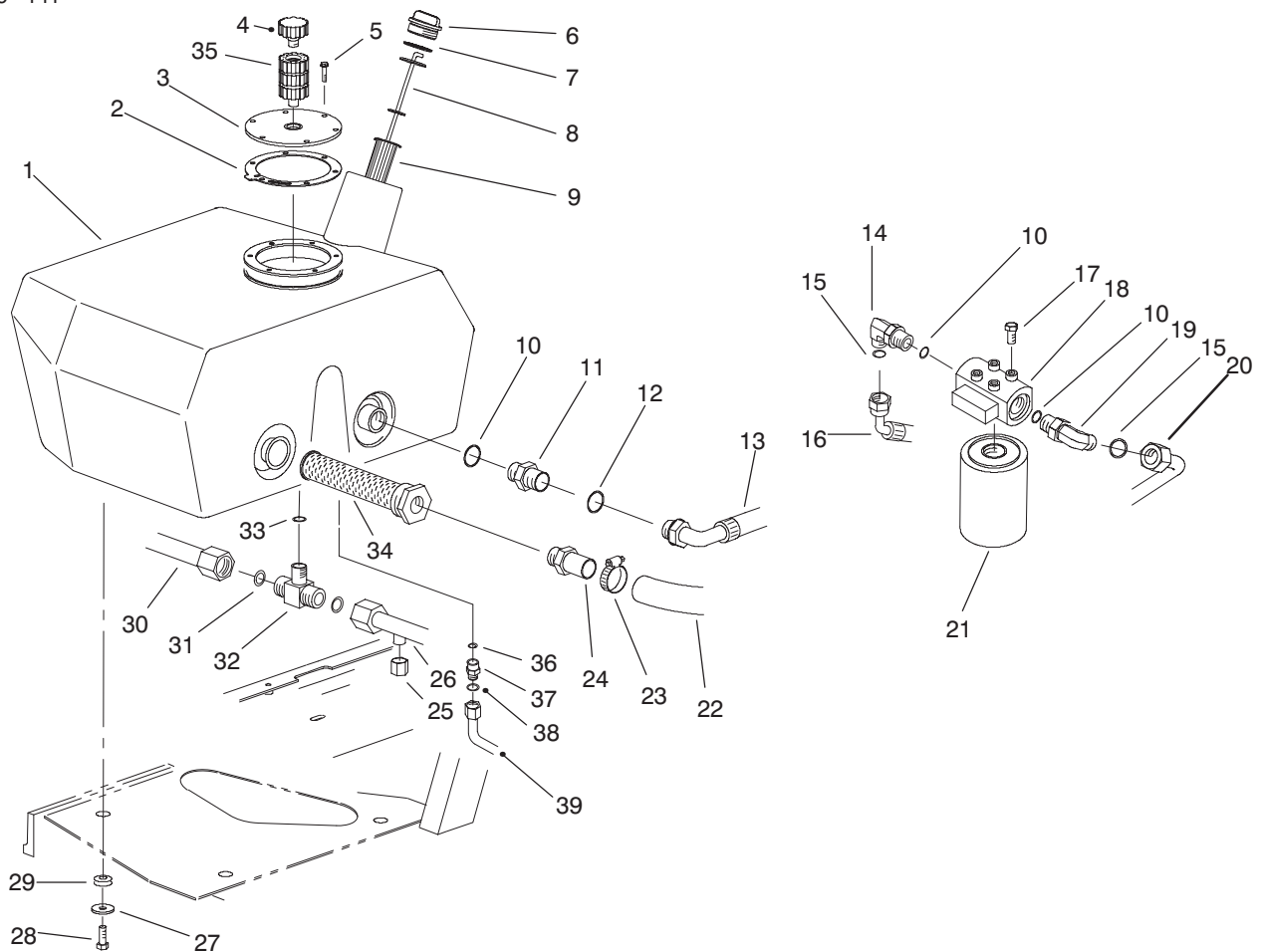
COMPONENT	DISPLACEMENT AND PRESSURE CHART			*FLOW RATE	
	DISPLACEMENT in 3/rev	cm 3/rev	PRESSURE lbs/in 2	GPM	LPM
P1	.66	10.8		7.0	26.5
P2	.66	10.8		7.0	26.5
P3	.40	6.6		4.2	15.9
P4	2.48	40.6		26.3	99.5
M1	1.16	19			
M2	1.16	19			
M3	1.16	19			
M4	1.16	19			
M5	1.16	19			
M8	2.01	32.9			
M9	2.01	32.9			
V1	.66	10.8			
R1A			3000	207	
R1B			3000	207	
R2A			2300	159	
R3			1500	103	
R4			50	3	
R5			180	12	
R6			4000	276	
R7			1250	86	

HYDRAULIC SCHEMATIC (Model 03801)



COMPONENT	DISPLACEMENT		PRESSURE		*FLOW RATE	
	in 3/rev	cm ³ /rev	lbs/in ²	BARS	GPM	LPM
P1	.66	10.8			7.0	26.5
P2	.66	10.8			7.0	26.5
P3	.40	6.6			4.2	15.9
P4	2.48	40.6			26.3	99.5
M1	1.16	19				
M2	1.16	19				
M3	1.16	19				
M4	1.16	19				
M5	1.16	19				
M8	2.01	32.9				
M9	2.01	32.9				
M10	2.48	40.6				
V1	.66	10.8				
R1A			3000	207		
R1B			3000	207		
R2A			2300	159		
R3			1500	103		
R4			50	3		
R5			180	12		
R6			4000	276		
R7			1250	86		

*FLOW RATE CALCULATED AT 2500 RPM AND 98% EFFICIENCY.

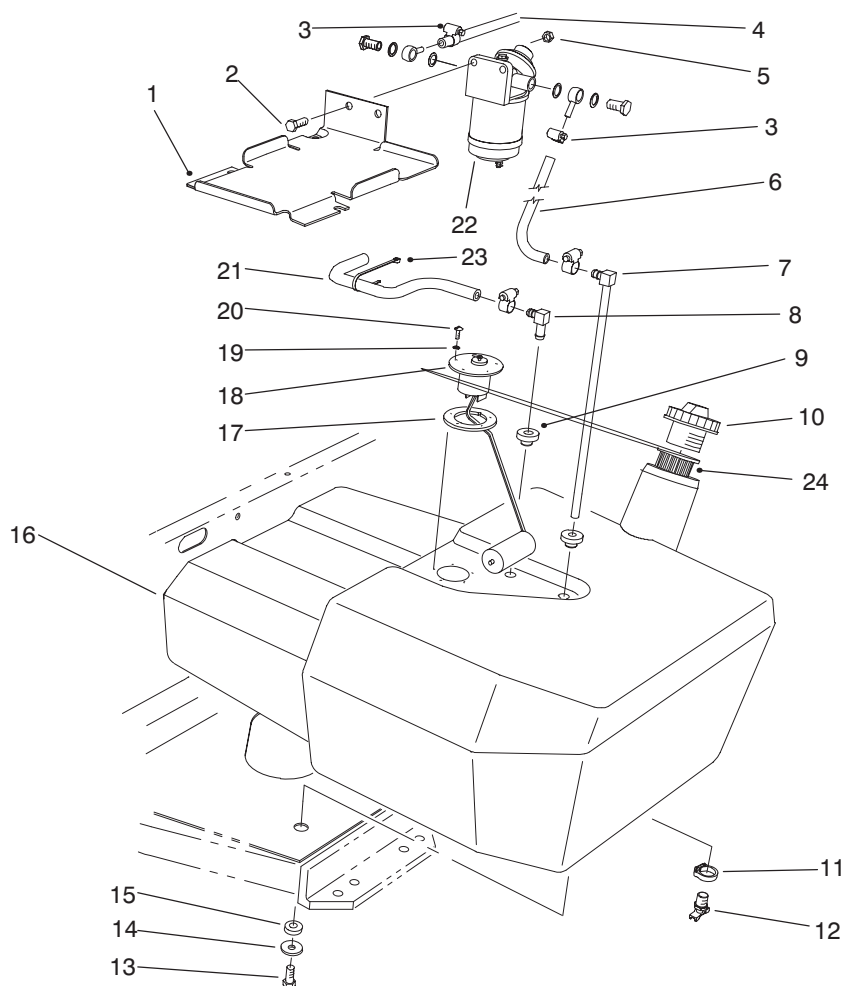


T-2067-1

HYDRAULIC FILTER & RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-7488	Tank-Hydraulic	1
2	93-7499	Gasket-Flange	1
3	93-7588	Cover-Tank	1
4	68-6150	Breather-Air	1
5	48-7730	Screw-Hex. Hd. Flange	6
6	93-7498	Plug-Plastic	1
7	94-8166	O-Ring	1
8	75-3710	Dipstick	1
9	61-2790	Filter-Screen	1
10	237-81	O-Ring	3
11	340-9	Fitting-Hydraulic (Incl. Ref. #10 & 12)	1
12	237-58	O-Ring	1
13	92-7489	Hose-Return	1
14	340-139	Fitting-Elbow 90° (Incl. Ref. #10 & 15)	1
15	237-65	O-Ring	2
16	92-7490	Hose-Filter	1
17	3234-1	Screw	2
18	94-2620	Head-Filter (Incl. Ref. #21)	1
19	340-142	Fitting-Hydraulic 90° (Incl. Ref. #10 & 15)	1

Ref. No.	Part No.	Description	No. Used
20	92-7493	Hose-Filter	1
21	94-2621	Element	1
22	92-7465	Hose-Suction	1
23	2412-111	Clamp	1
24	92-7525	Fitting-Hose	1
25	92-7551	Cap-Fitting	1
26	94-1446	Tube-Drain	1
27	63-8410	Washer-Flat	3
28	33105-025	Screw-Hex. Hd. Flange	3
29	240-11	Grommet	3
30	92-7478	Tube-Motor, RH	1
31	237-30	O-Ring	2
32	340-157	Fitting-Tee (Incl. Ref. #31 & 33)	1
33	237-79	O-Ring	1
34	92-7527	Strainer-Suction	1
35	92-8020	Adapter-Breather	3
36	237-42	O-Ring	1
37	340-2	Adapter (Incl. Ref. #36 & 38)	1
38	237-22	O-Ring	1
39	94-1447	Tube-Steering, Return	1

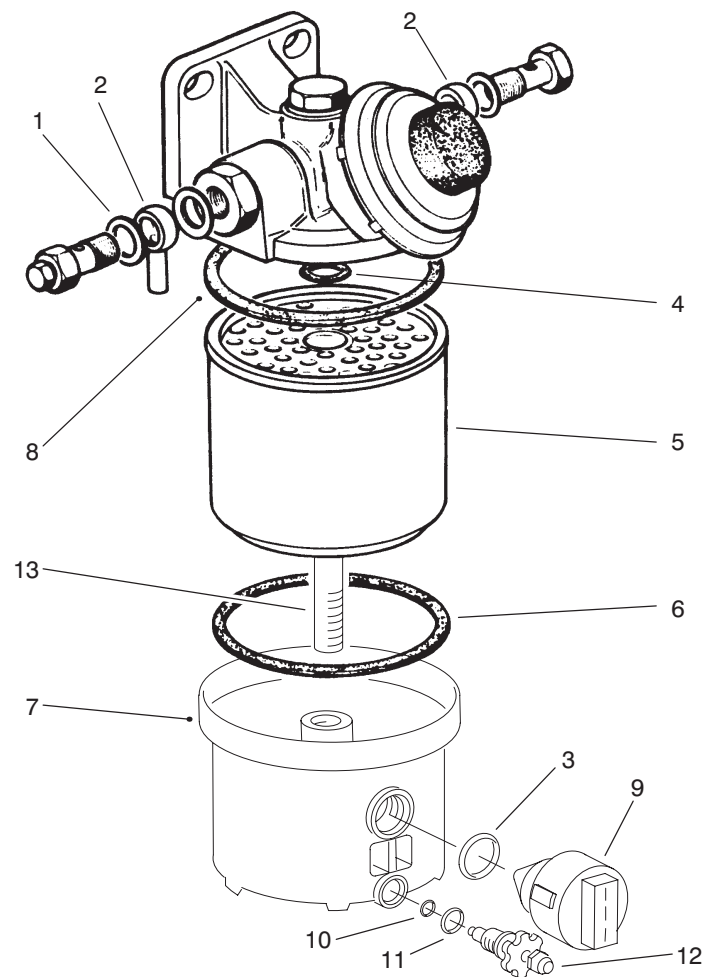


T-2068-1

FUEL TANK & FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-7974	Plate-Box, Battery	1	14	63-8410	Washer-Flat	3
2	33105-030	Screw-Hex. Hd. Flange	2	15	240-11	Grommet	3
3	2412-108	Clamp-Hose	4	16	92-7422	Tank-Fuel (Incl. Ref. #11 & 12)	1
4	63-7627	Hose-Fuel	1	17	62-7650	Gasket	1
5	33005-00	Nut-Hex. Flange	2	18	63-7640	Sender-Fuel	1
6	92-7522	Hose-Fuel	1	19	3253-15	Washer-Lock	5
7	66-8121	Standpipe	1	20	32122-24	Screw	5
8	46-6550	Fitting-Connector	1	21	92-7521	Hose-Fuel	1
9	46-6560	Bushing	2	†22	76-5300	Asm-Filter, Fuel	1
10	93-3102	Cap-Fuel, Diesel	1	23	3290-378	Tie-Cable	3
11	2412-36	Clamp-Drain	1	24	61-2790	Filler-Screen	1
12	304-46	Fitting-Drain	1				
13	33105-025	Screw-Hex. Hd. Flange	3				

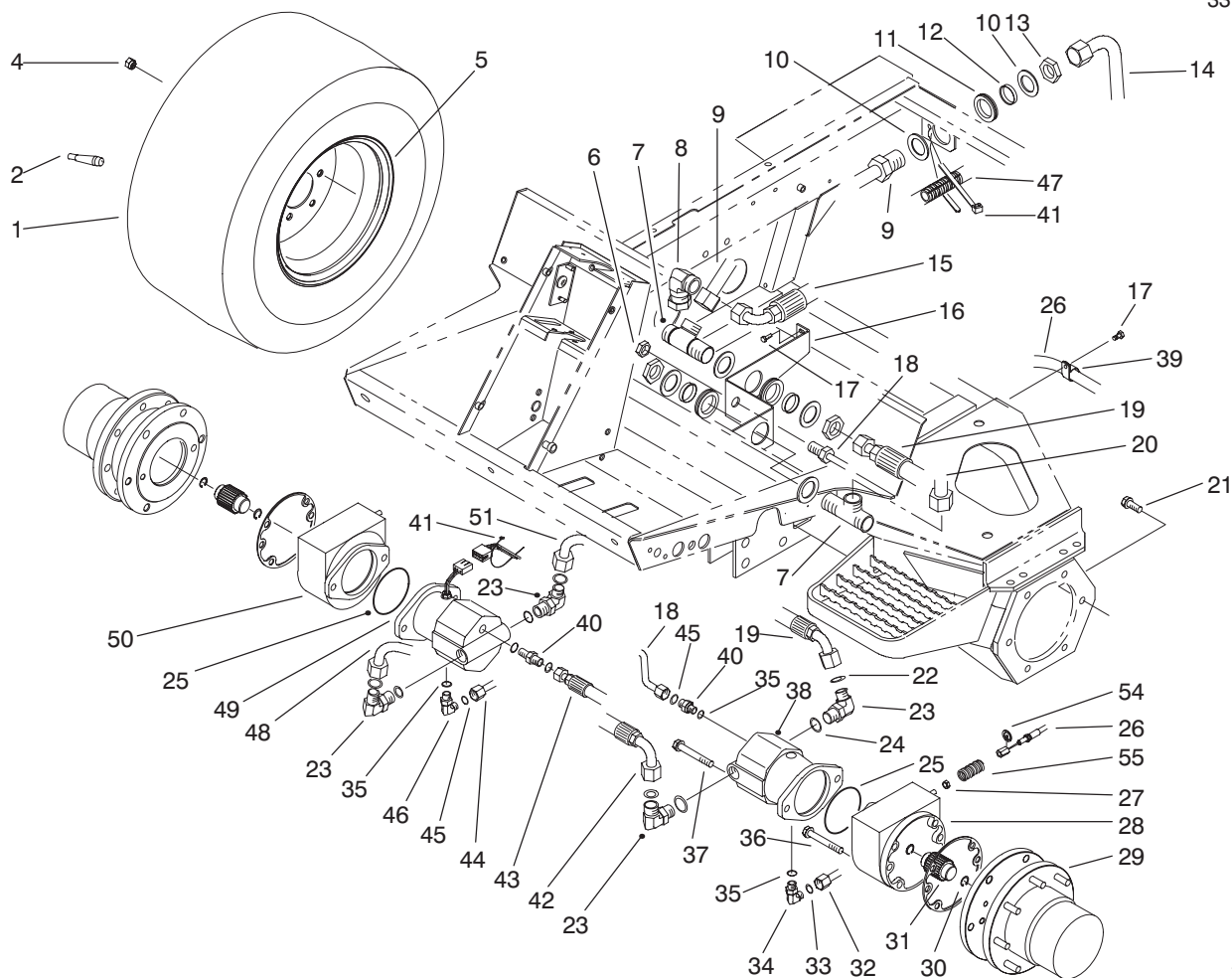
†Furnished with engine.



T-0966-2

FUEL FILTER ASSEMBLY

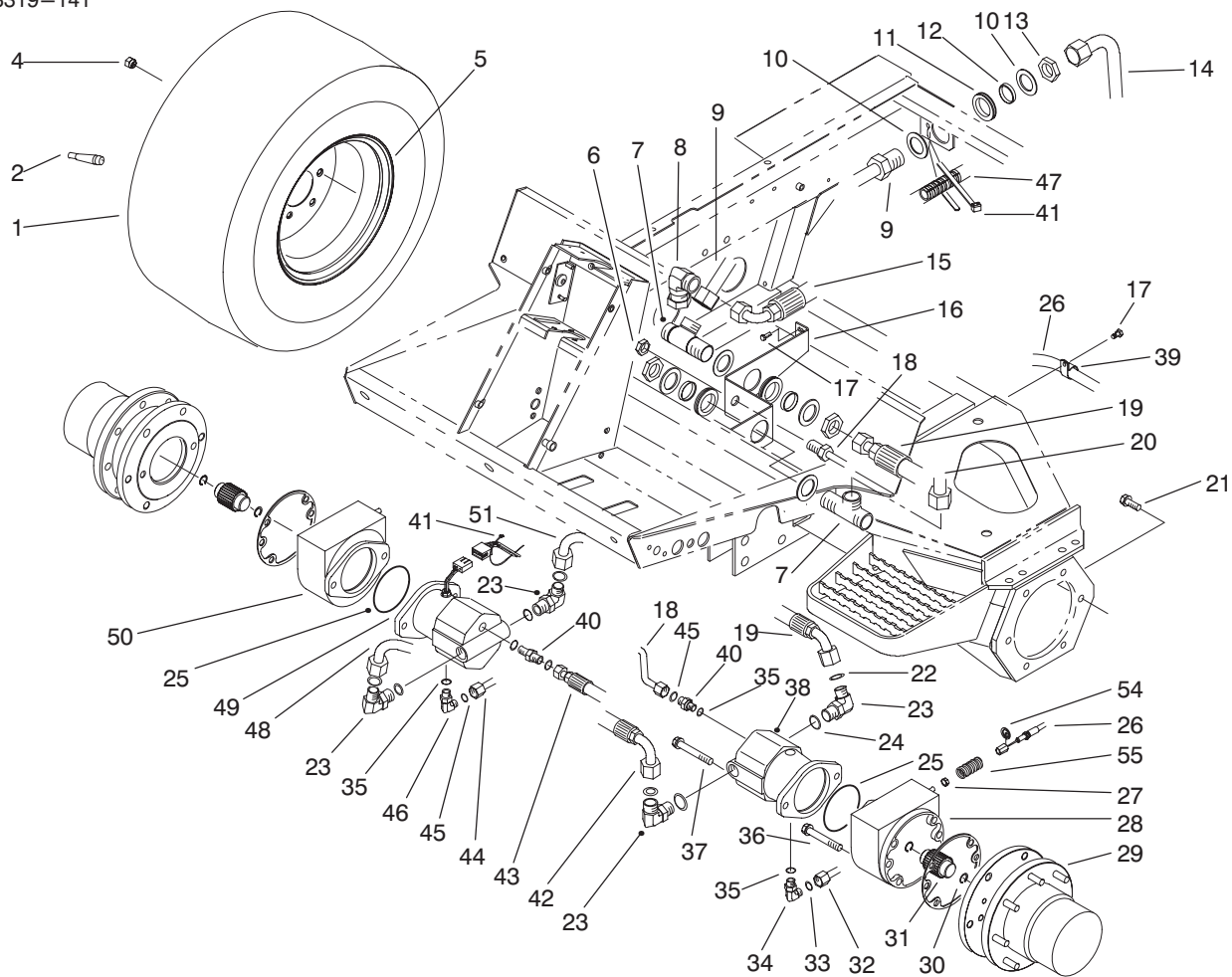
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-5180	Washer-Copper	4	8		Seal-Gasket	1
2	76-5190	Fitting-Adjustable	2	9	76-5320	Sensor-Water (Incl. Ref. #3)	1
3	94-8025	O-Ring	1	10	94-8027	O-Ring	1
4		O-Ring	1	11	94-8028	O-Ring	1
5	76-5220	Element-Filter (Incl. Ref. #4, 6 & 8)	1	12	94-8026	Screw-Vent	1
6		Seal-Gasket	1	13		Bolt	1
7		Cap-Filter, Fuel	1				



T-2069-2

FRONT HYDRAULIC DRIVE & BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-8143	Tire	2	14	92-7473	Asm—Tube, Rear (Model 03801)	1
2	232-24	Stem—Valve	2	15	92-7634	Asm—Hose, Traction (Model 03800)	1
4	92-7483	Nut—Lug	16	16	92-7455	Plate—Bulkhead	1
5	94-8149	Rim	2	17	32144-11	Screw—Thread Forming	5
6	340-127	Nut—Bulkhead	1	18	92-7477	Asm—Tube, Motor Drain	1
7	92-7550	Fitting—Tee, Bulkhead (Incl. Ref. #53)	2	19	92-7486	Asm—Hose	1
8	92-7645	Fitting—Hydraulic 90° (Model 03800)	1	20	92-7485	Asm—Hose	1
9	92-7474	Assembly—Tube, Front (Model 03801)	1	21	33106-030	Screw—Hex. Hd. Flange	12
10	69-8920	Washer (Model 03800)	4	22	237-58	O—Ring	4
10	69-8920	Washer (Model 03801)	6	23	340-142	Fitting—Hydraulic 90° (Incl. Ref. #22 & 24)	4
11	240-2	Grommet (Model 03800)	2	24	237-81	O—Ring	4
11	240-2	Grommet (Model 03801)	3	25	237-166	O—Ring	2
12	69-8950	Spacer (Model 03800)	2	26	92-7530	Cable—Brake, LH	1
12	69-8950	Spacer (Model 03801)	3	27	3218-4	Nut—Jam	2
13	340-128	Nut—Bulkhead (Model 03800)	2	28	92-7417	Asm—Brake, LH	1
13	340-128	Nut—Bulkhead (Model 03801)	3	29	92-7415	Asm—Drive, Planetary	2
				30	93-7972	Ring—Retaining	4
				31	93-7966	Shaft—Splined, Brake	2
				32	92-7598	Asm—Tube, Frt. Drain	1
				33	237-22	O—Ring	1
				34	340-18	Fitting—Hydraulic 90° (Incl. Ref. #33 & 35)	1
				35	237-79	O—Ring	4
				36	33106-090	Screw—Hex. Hd. Flange	8



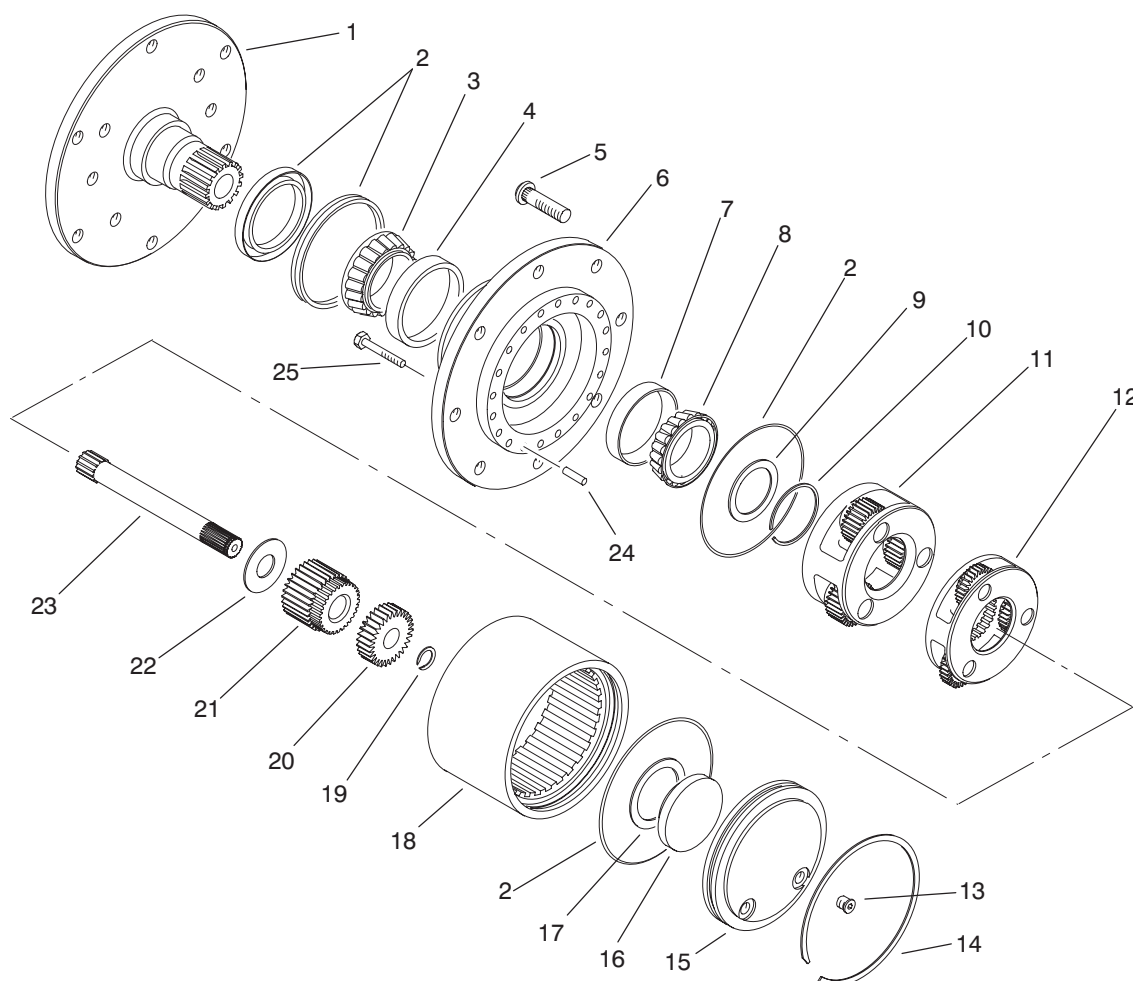
T-2069-2

FRONT HYDRAULIC DRIVE & BRAKE ASM. (Continued)

Ref. No.	Part No.	Description	No. Used
37	33116-120	Screw-Hex. Hd.	4
38	92-7385	Motor-Planetary	1
39	2412-93	R-Clamp	2
40	340-5	Fitting-Hydraulic (Incl. Ref. #22 & 24)	2
41	3290-378	Tie-Cable	3
42	92-7487	Asm-Tube	1
43	92-7488	Asm-Hose	1
44	92-7478	Asm-Tube, Motor RH	1
45	237-30	O-Ring	3

Ref. No.	Part No.	Description	No. Used
46	340-98	Fitting-Hydraulic 90° (Incl. Ref. #35 & 45)	1
47	94-3090	Harness-Wire, Main	1
48	92-7476	Assembly-Tube, Traction	1
49	93-7476	Motor-Hydraulic W/Sensor	1
50	92-7414	Assembly-Brake, RH	1
51	92-7475	Assembly-Tube, Traction	1
*53	340-65	O-Ring	6
54	94-3050	Plate-Spring	2
55	94-3088	Spring-Brake	2

*Not Illustrated

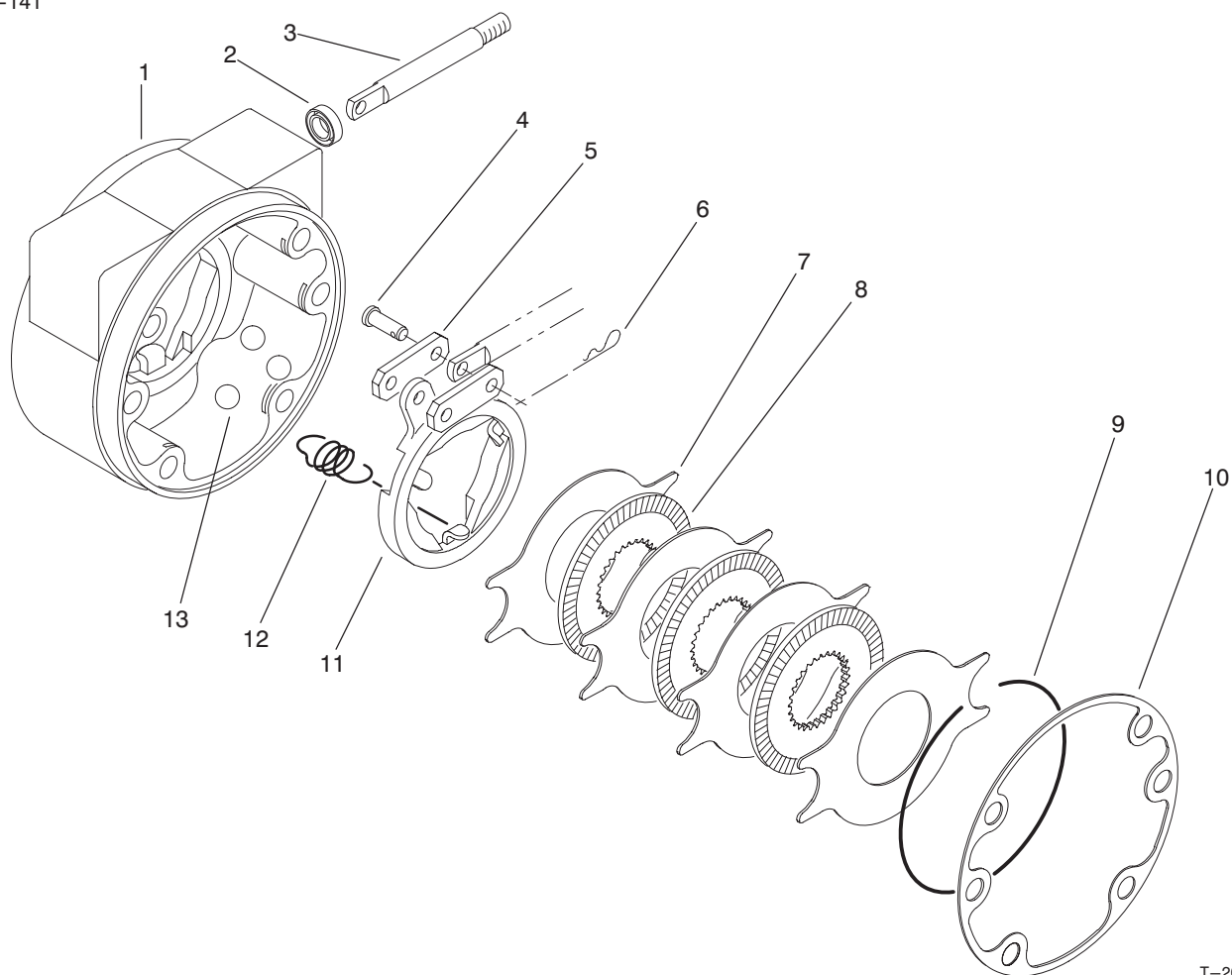


T-2070-1

PLANETARY DRIVE ASSEMBLY NO. 92-7415

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-7450	Spindle	1	15	93-7458	Plate—Cover	1
2	93-7474	Kit—Seal	1	16	93-7457	Spacer—Input	1
3	93-7451	Cone—Bearing	1	17	93-7460	Washer—Thrust	1
4	93-7452	Cup—Bearing	1	18	93-7456	Gear—Ring	1
5	93-7455	Stud—Wheel	8	19	93-7459	Ring—Retaining, External	1
6	93-7453	Housing	1	20	93-7463	Gear—Sun	1
7	93-7470	Cup—Bearing	1	21	93-7464	Gear—Sun	1
8	93-7469	Cone—Bearing	1	22	93-7465	Washer—Thrust	1
9	93-7468	Washer—Thrust	1	23	93-7471	Shaft—Input	1
10	93-7467	Ring—Retaining, External	1	24	93-7466	Pin—Dowel	2
11	93-7472	Asm—Carrier, Secondary	1	25	93-7454	Screw—HH	18
12	93-7473	Asm—Carrier, Primary	1	*	92-7415	Asm—Complete (Incl. Ref. #1-25)	1
13	93-7461	Plug—Pipe	2				
14	93-7462	Ring—Retaining, Internal	1				

*Not Illustrated



T-2071-1

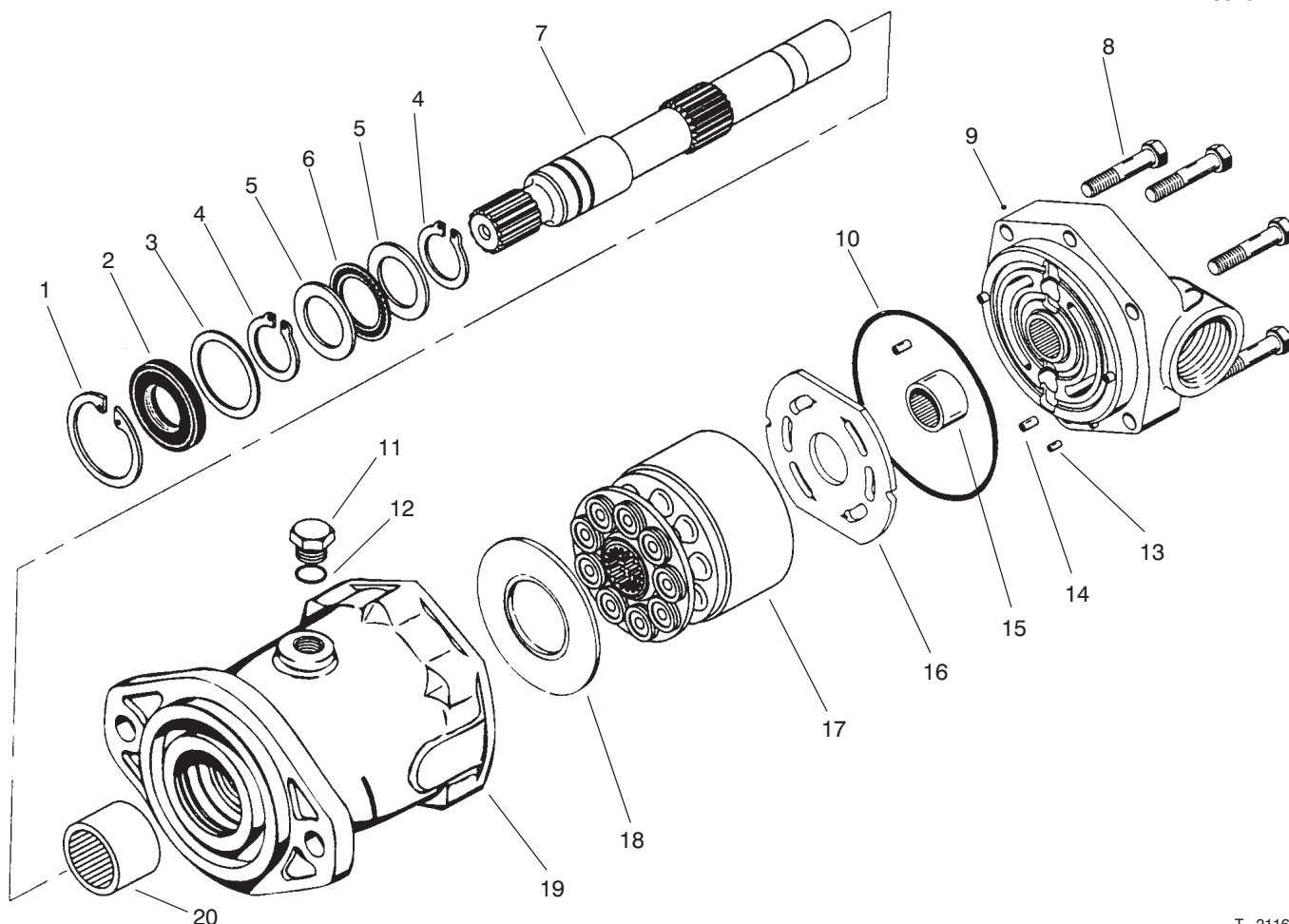
BRAKE ASM NO. 92-7414 RH & 92-7417 LH (Shown)

Ref. No.	Part No.	Description	No. Used
†1		Housing—Brake, LH	1
†*		Housing—Brake, RH	1
2	93-7977	Seal	1
3	93-7978	Rod—Pull	1
4	93-7983	Pin—Clevis	2
5	93-7980	Link	2
6	93-7979	Pin—Cotter, Hair	2

Ref. No.	Part No.	Description	No. Used
7	93-7986	Disc—Stationary	4
8	93-7981	Disc—Rotating	3
9	93-7976	Ring—Retaining	1
10	93-7984	Gasket	1
11	93-7982	Actuator	1
12	93-7987	Spring—Extension	3
13	93-7985	Ball	3

*Not Illustrated

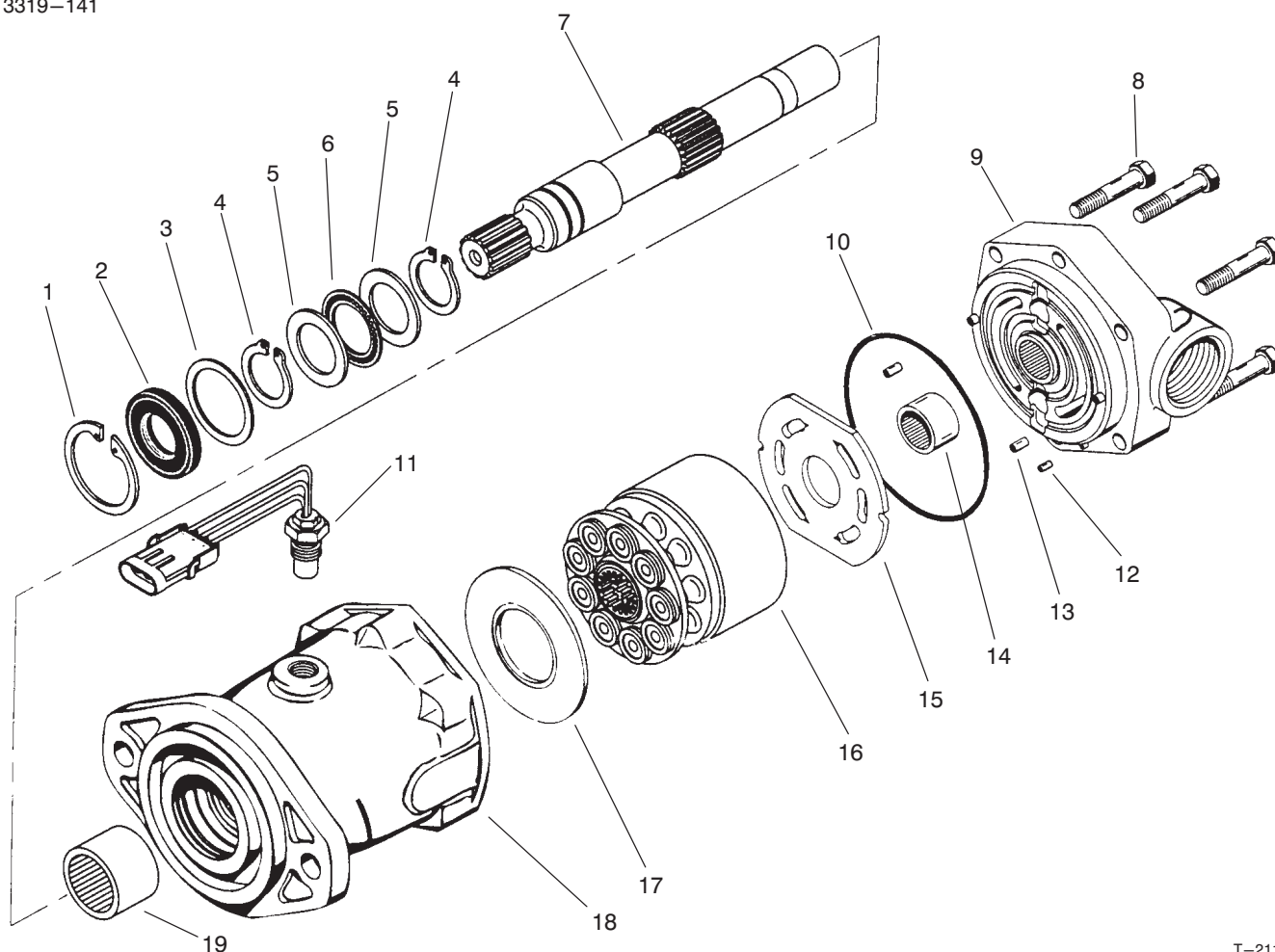
†Not Serviced Separately



T-2116-1

HYDRAULIC MOTOR ASSEMBLY NO. 92-7385

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-7010	Ring—Retaining	1	12		O—Ring	1
2	94-3008	Seal—Shaft	1	13		Pin—Dowel	1
3	94-3007	Washer	1	14		Pin—Dowel	3
4	76-7000	Ring—Retaining	2	15		Bearin—Needle	1
5	76-6950	Race—Thrust	2	16	94-3003	Plate—Valve	1
6	76-6960	Bearing—Thrust	1	17	76-6910	Kit—Rotating	1
7	94-3004	Shaft—Drive, Splined	1	18	76-6970	Insert—Camplate	1
8	94-3002	Screw—HH	6	19	94-3006	Housing	1
9	94-3005	Asm— Backplate (Incl. Ref. #13-15)	1	20		(Incl. Ref. #20) Bearing—Needle	1
10	76-6980	O—Ring	1				
11	94-3009	Asm—Plug (Incl. Ref. #12)	1				

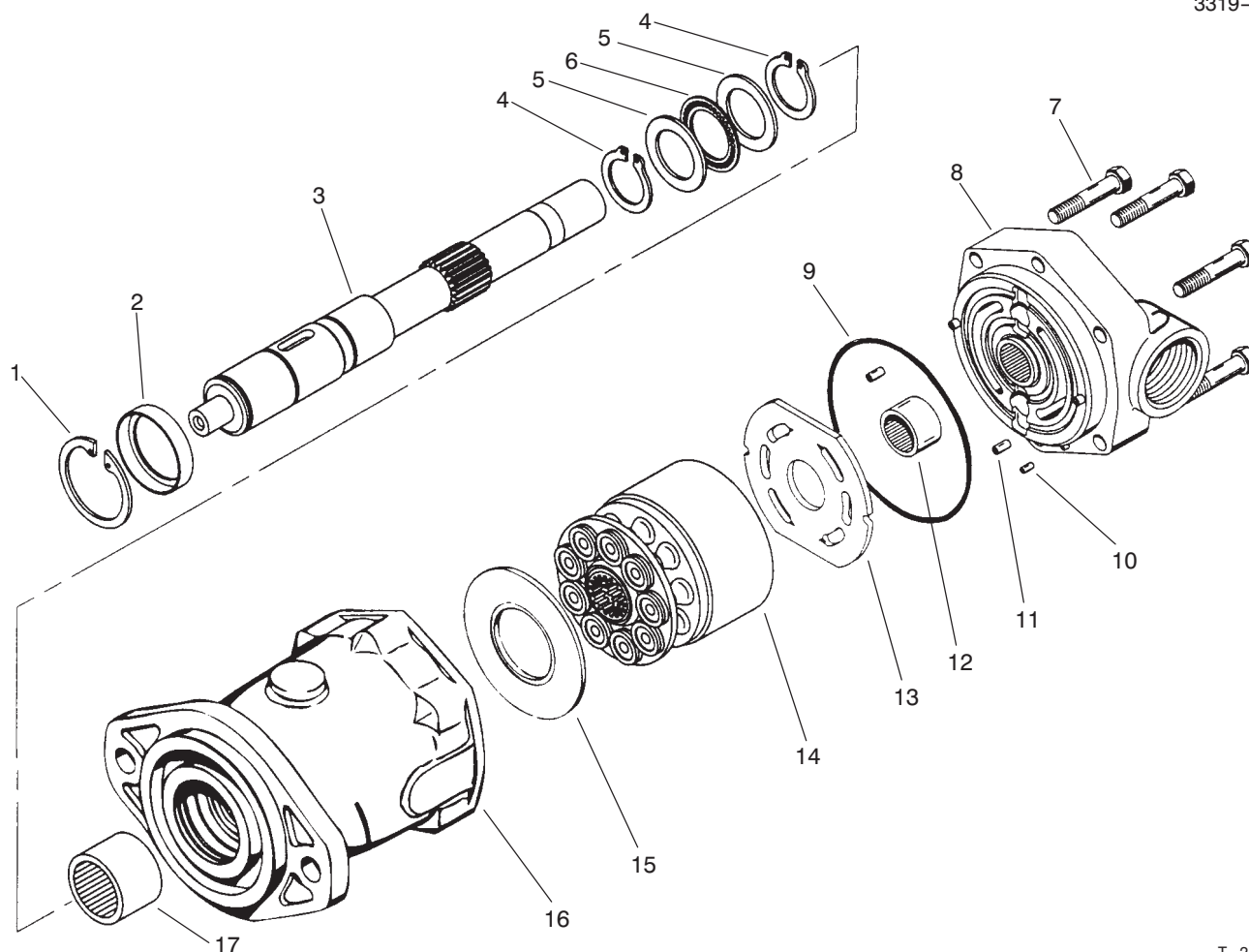


T-2117-1

HYDRAULIC MOTOR ASM. NO. 93-7476 W/SENSOR

Ref. No.	Part No.	Description	No. Used
1	76-7010	Ring-Retaining	1
2	94-3008	Seal-Shaft	1
3	94-3007	Washer	1
4	76-7000	Ring-Retaining	2
5	76-6950	Race-Thrust	2
6	76-6960	Bearing-Thrust	1
7	94-3004	Shaft-Drive, Splined	1
8	94-3002	Screw-HH	6
9	94-3005	Asm-Backplate (Incl. Ref. #12-14)	1
10	76-6980	O-Ring	1

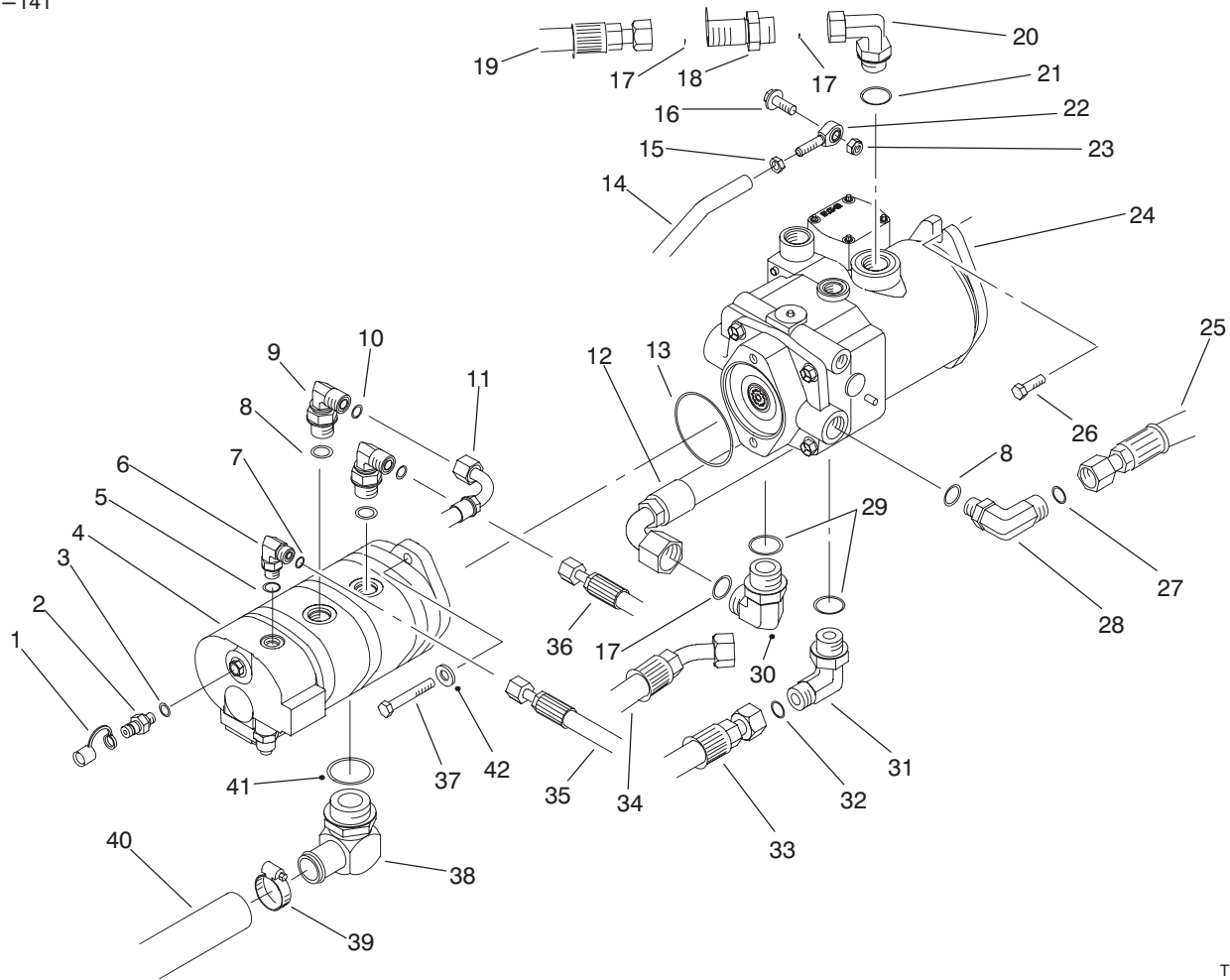
Ref. No.	Part No.	Description	No. Used
11	94-3010	Sensor-Speed Pickup	1
12		Pin-Dowel	1
13		Pin-Dowel	3
14		Bearing-Needle	1
15	94-3003	Plate-Valve	1
16	76-6910	Kit-Rotating	1
17	76-6970	Insert-Camplate	1
18	94-3006	Housing (Incl. Ref. #19)	1
19		Bearing-Needle	1



T-2118-1

4 WD HYDRAULIC MOTOR ASM. NO. 92-7386

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-7010	Ring—Retaining	1	10		Pin—Dowel	3
2	76-7020	Spacer	1	11		Pin—Dowel	1
3	76-6930	Shaft—Drive, Straight	1	12		Bearing—Needle	1
4	76-7000	Ring—Retaining	2	13	94-3003	Plate—Valve	1
5	76-6950	Race—Thrust	2	14	76-6910	Kit—Rotating	1
6	76-6960	Bearing—Thrust	1	15	76-6970	Insert—Camplate	1
7	94-3002	Screw—HH	6	16	94-3001	Housing (Incl. Ref. #17)	1
8	94-3000	Asm.—Backplate (Incl. Ref. #10-12)	1	17		Bearing—Needle	1
9	76-6980	O—Ring	1				



T-2072-1

PUMP INSTALLATION ASSEMBLY

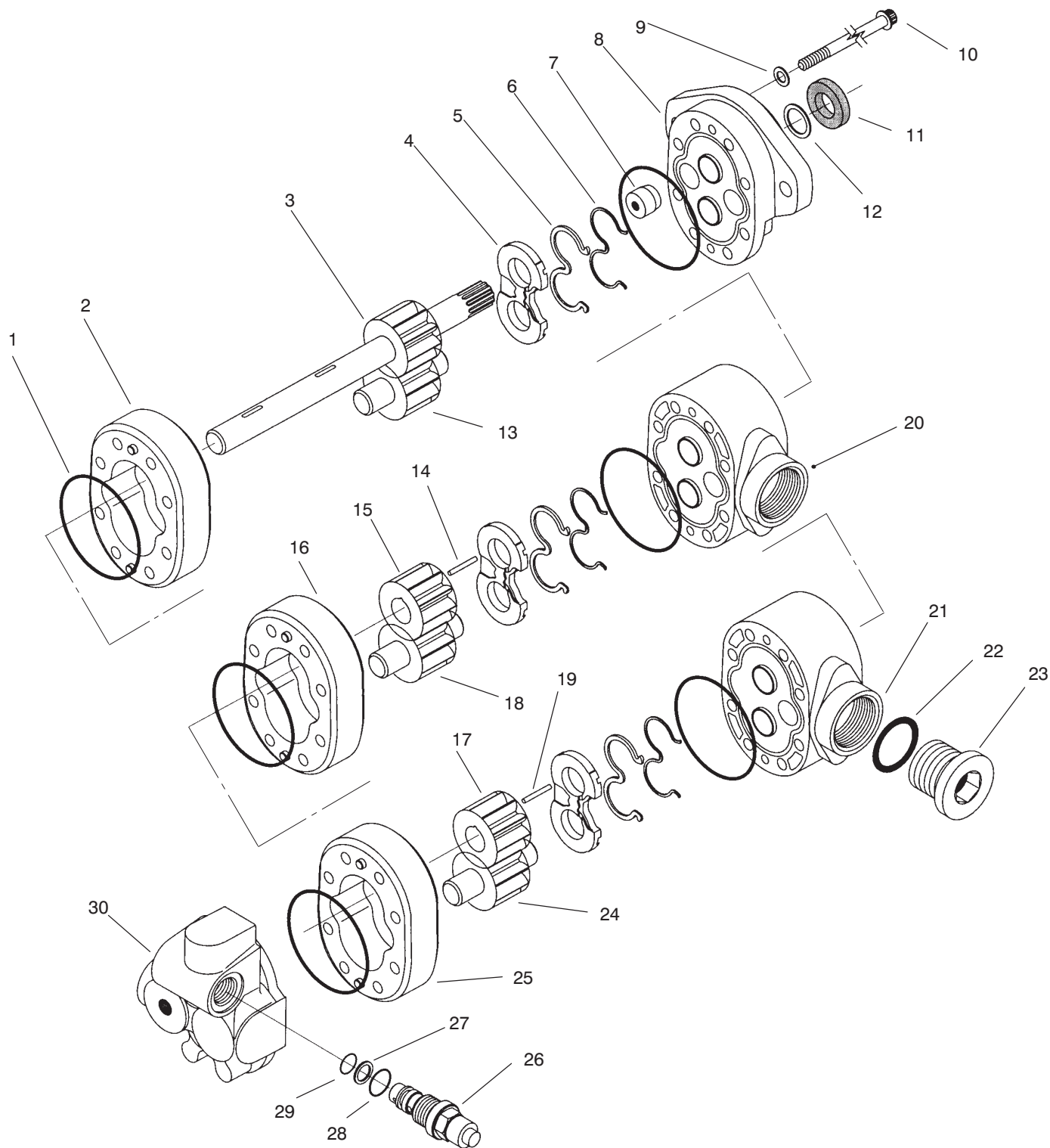
Ref. No.	Part No.	Description	No. Used
1	354-79	Cap—Dust	4
2	354-77	Fitting—Quick Connect (Incl. Ref. #3)	4
3	237-78	O—Ring	4
4	93-2175	Asm—Pump, Gear	1
5	237-42	O—Ring	1
6	340-77	Fitting—Hydraulic 90° (Incl. Ref. #5 & 7)	1
7	237-22	O—Ring	1
8	237-80	O—Ring	3
9	340-105	Fitting—Hydraulic 90° (Incl. Ref. #8 & 10)	2
10	237-30	O—Ring	2
11	92-7491	Asm—Hose	1
12	92-7484	Asm—Hose (Model No. 03801)	1
13	237-99	O—Ring	1
14	92-7531	Tube—Rod, Control	1
15	3220-3	Nut—Jam	1
16	3234-11	Screw—Flange Head	1
17	237-58	O—Ring	3
18	94-2637	Fitting—Hydraulic, Straight (Incl. Ref. #17)	1
19	92-7489	Hose—Return	1
20	94-2636	Fitting—Hydraulic 90°	1
21	237-81	O—Ring	1
22	2411-36	Bearing—Rod End	1
23	3296-59	Nut—Lock	1

Ref. No.	Part No.	Description	No. Used
24	95-3450	Pump—Piston	1
25	92-7490	Asm—Hose, Filter	1
26	82-5050	Screw—Hex. Hd.	2
27	237-65	O—Ring	1
28	340-17	Fitting—Hydraulic 90° (Incl. Ref. #8 & 27)	1
29	237-146	O—Ring	2
30	340-15	Fitting—Hydraulic 90° (Incl. Ref. #17 & 29) (Model No. 03801)	1
30	340-129	Fitting—Hydraulic 90° (Incl. Ref. #29 & 32) (Model No. 03800)	1
31	340-129	Fitting—Hydraulic 90° (Incl. Ref. #29 & 32)	1
32	340-65	O—Ring	2
33	92-7485	Asm—Hose	1
34	92-7634	Asm—Hose, Traction (Model No. 03800)	1
35	92-7622	Asm—Hose, Steering	1
36	92-7492	Asm—Hose	1
37	323-7	Screw—Hex. Hd.	2
38	92-7526	Fitting—Hydraulic, Suction	1
39	2412-111	Clamp—Hose	2
40	92-7465	Hose—Suction	1
41	237-101	O—Ring	1
42	3256-46	Washer—Flat	2

*Not Illustrated

GEAR PUMP ASSEMBLY NO. 93-2175

3319-141



T-2138-1

GEAR PUMP ASSEMBLY NO. 93—2175

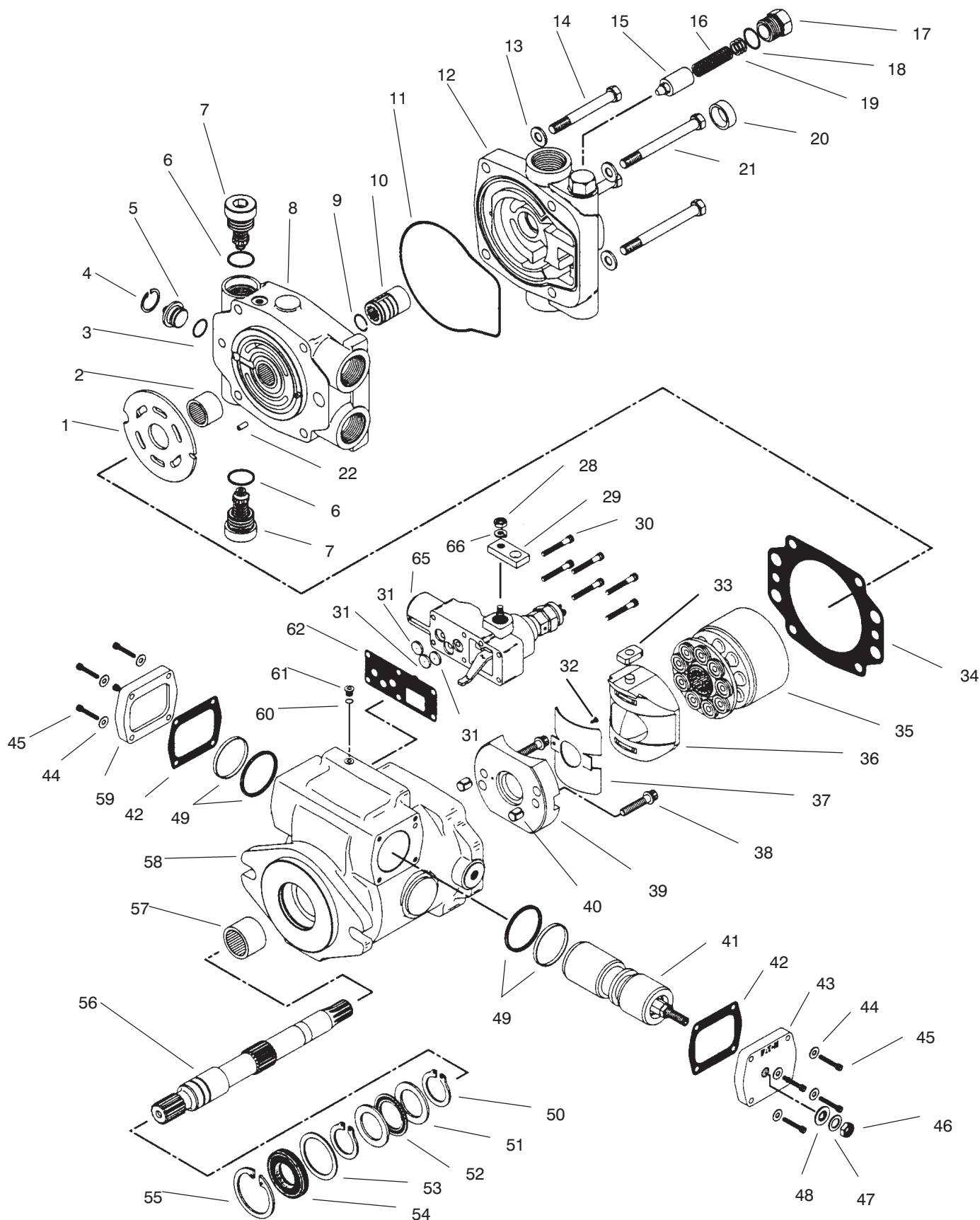
Ref. No.	Part No.	Description	No. Used
1	56—6710	O—Ring	6
†2		Body	1
†3		Asm—Gear, Drive	1
4		Plate—Wear	3
5		Seal—Pressure, Balance	3
6		Gasket—Backup	3
7	94—3011	Plug	1
†8		Asm—Plate, Front	1
9	74—8920	Washer—Copper	4
10	94—3012	Screw	8
11	49—2640	Seal—Shaft	1
12	60—5890	Washer	1
†13		Gear—Idler	1
†14		Key	1
†15		Gear	1
†16		Body	1
†17		Gear	1

Ref. No.	Part No.	Description	No. Used
†18		Gear—Idler	1
†19		Key	1
†20		Plate—Adaptor	1
†21		Plate—Adaptor	1
†22		O—Ring	1
23	94—3013	Plug	
		(Incl. Ref. #22)	1
†24		Gear—Idler	1
†25		Body	1
26	94—3014	Valve—Relief	
		(Incl. Ref. #27—29)	1
†27		Washer—Backup	1
†28		O—Ring	1
†29		O—Ring	1
†30		Asm—Backplate	1
*	94—3015	Kit—Seal	
		(Incl. Ref. #1, & 4—6)	1

*Not Illustrated

† Not Serviced Separately

SERVO CONTROLLED PISTON PUMP ASM. NO. 95—3450 3319—141



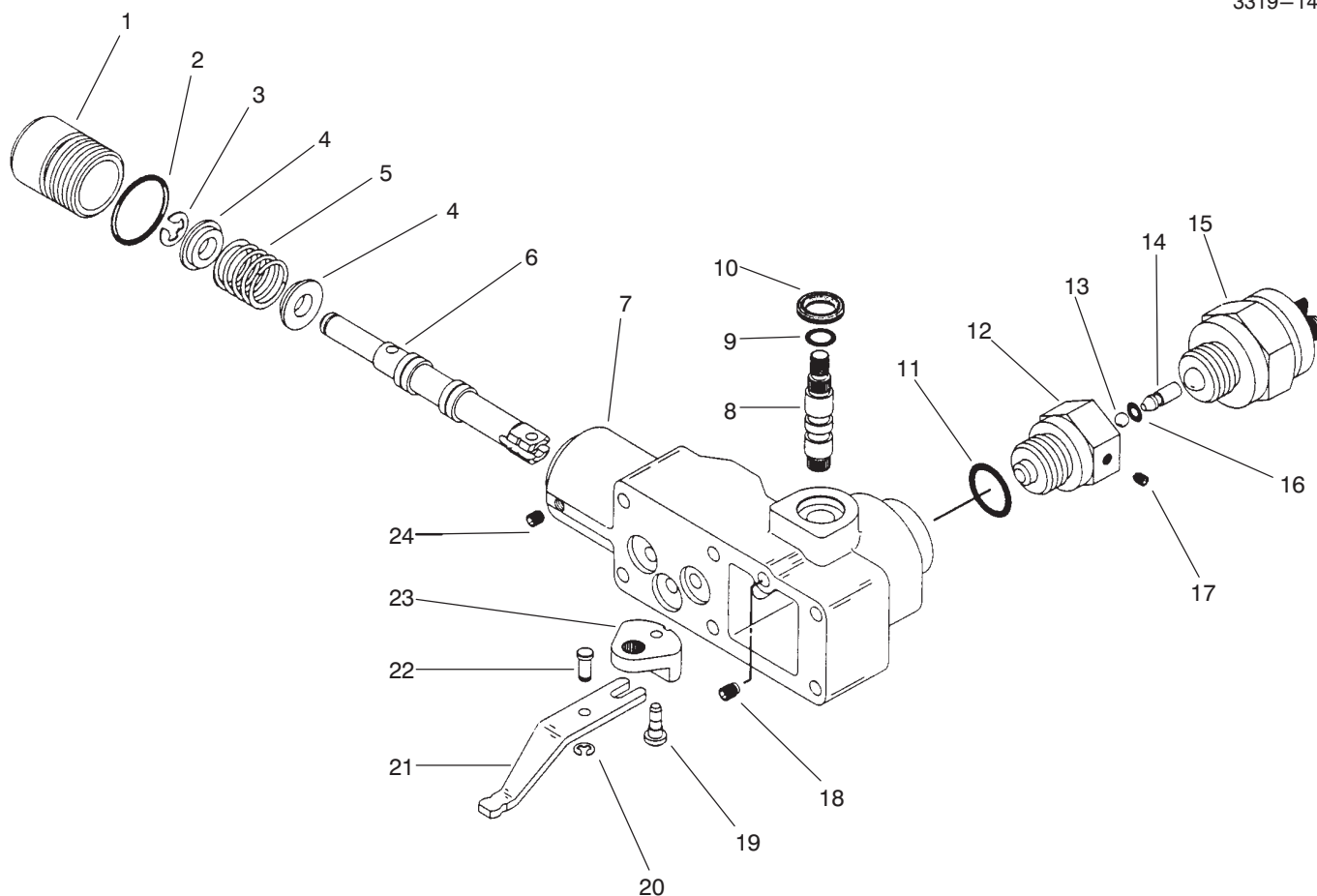
SERVO CONTROLLED PISTON PUMP ASM. NO. 95-3450

Ref. No.	Part No.	Description	No. Used
1	94-3022	Plate-Valve	1
†2		Bearing	1
3	94-3036	Ring-Quad	1
4	94-3037	Ring-Retaining	1
5	94-3038	Plug-Dump Valve	1
†6		O-Ring	2
7	94-9999	Valve-Relief	2
8	94-3016	Asm-Backplate (Incl. Ref. #2 & 22)	1
9	94-3035	Ring-Lock	1
10	94-3023	Coupler	1
†11		O-Ring-Molded	1
12	94-3017	Adaptor-Charge Relief (Incl. Ref. #15-20)	1
13	3256-24	Washer-Flat	4
14	94-3028	Screw	2
†15		Poppet	2
†16		Spring	2
†17		Plug	1
†18		O-Ring	1
†19		Washer	3
†20		Bushing	1
21	94-3029	Screw	2
†22		Pin-Roll	1
28	3217-5	Nut	1
29	94-3031	Arm-Control	1
30	3274-59	Screw-Cap	6
31	94-3040	Orifice-Valve, Control	3
†32		Screw	1
33	94-3032	Follower-Piston	1
†34		Gasket-Housing	1
35	94-3021	Asm-Kit, Rotating	1
36	94-3026	Asm-Camplate	1

Ref. No.	Part No.	Description	No. Used
†37		Bushing	1
†38		Screw	1
†39		Asm-Cradle	1
†40		Dowel-Bushing	2
41	94-3025	Asm-Piston, Servo	1
†42		Gasket-Plate, Cover	2
43	94-3034	Plate-Cover	1
44	3256-77	Washer-Flat	8
45	3274-81	Screw	8
46	3220-3	Nut-Jam	1
47	94-3030	Washer	1
48	94-3027	Washer-Seal	1
†49		Seal	2
50	76-7000	Ring-Retaining	2
51	76-6950	Race-Thrust	1
52	76-6960	Bearing-Thrust	1
53	94-3007	Washer	1
54	94-3008	Seal-Shaft	1
55	76-7010	Ring-Retaining	1
56	94-3020	Shaft-Drive	1
†57		Bearing	1
58	94-3018	Asm-Housing (Incl. Ref. #32, 37-40, 49, 57, & 60-61)	1
59	94-3033	Plate-Cover	1
†60		O-Ring	1
†61		Plug	1
†62		Gasket	1
65	94-3019	Control-Servo, Manual	1
66	3253-3	Washer-Lock	1
*	94-3039	Kit-Seal (Incl. Ref. #11, 34, 42 & 62)	1

*Not Illustrated

† Not Serviced Separately.

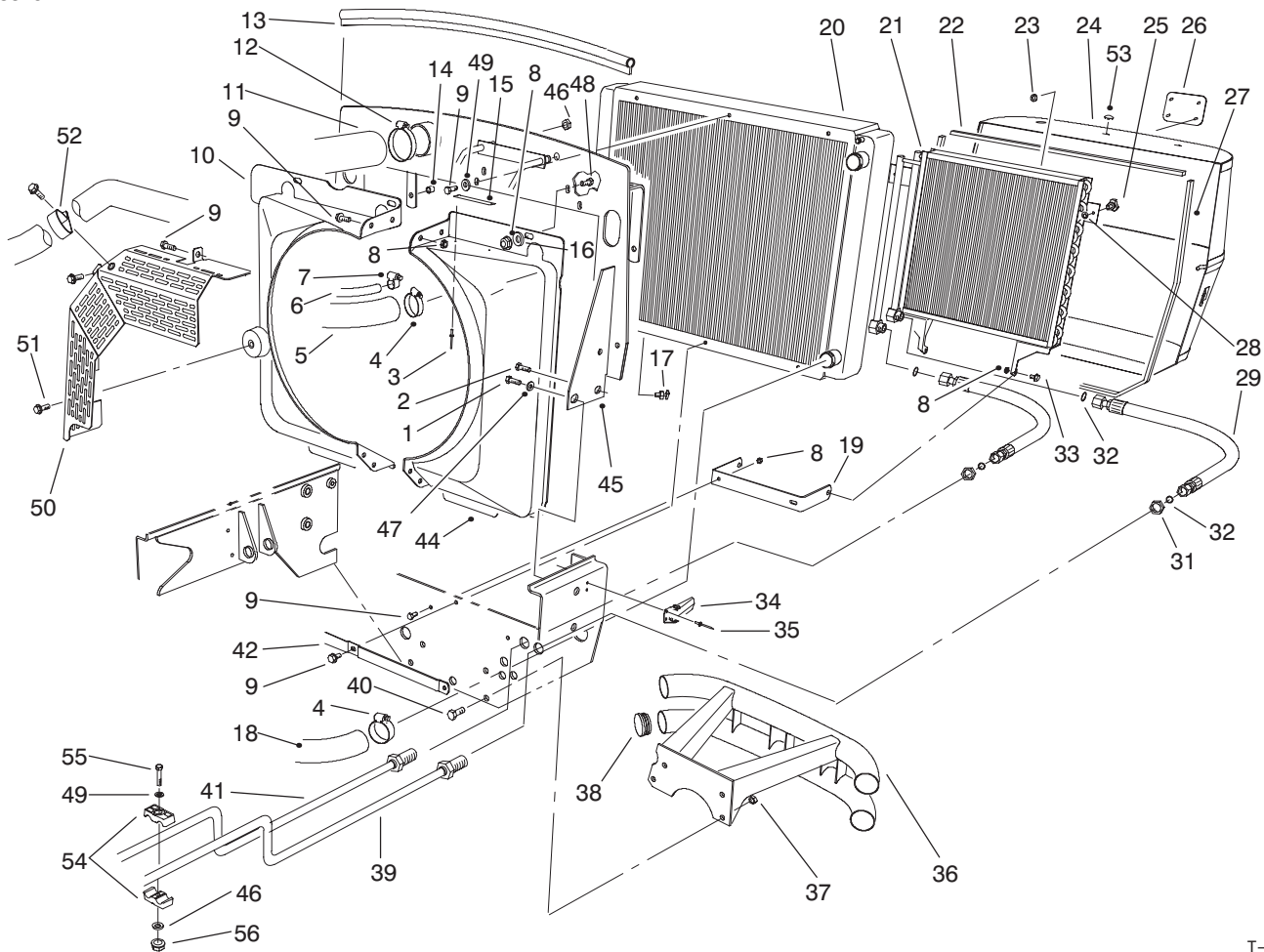


T-2119-1

MANUAL SERVO CONTROL NO. 94-3019

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Plug	1	14		Pin	1
2		O-Ring	1	15	94-3043	Switch	1
3		Ring-Retaining	1	16		O-Ring	1
4		Retainer-Spring	2	17		Screw-Set	1
5		Spring	1	18		Screw-Set	1
6		Valve-Spool	1	19		Pin	1
7		Housing-Control	1	20		Ring-Retaining	1
8		Shaft-Input	1	21		Link	1
9		O-Ring	1	22		Pin-Dowel	1
10		Seal-Wiper	1	23		Crank-Bell	1
11		O-Ring	1	24		Screw-Set	1
12		Adaptor	1	*	94-3044	Kit-Seal	1
13		Ball	1			(Incl. Ref. #2, 9-11 & 16)	

*Not Illustrated

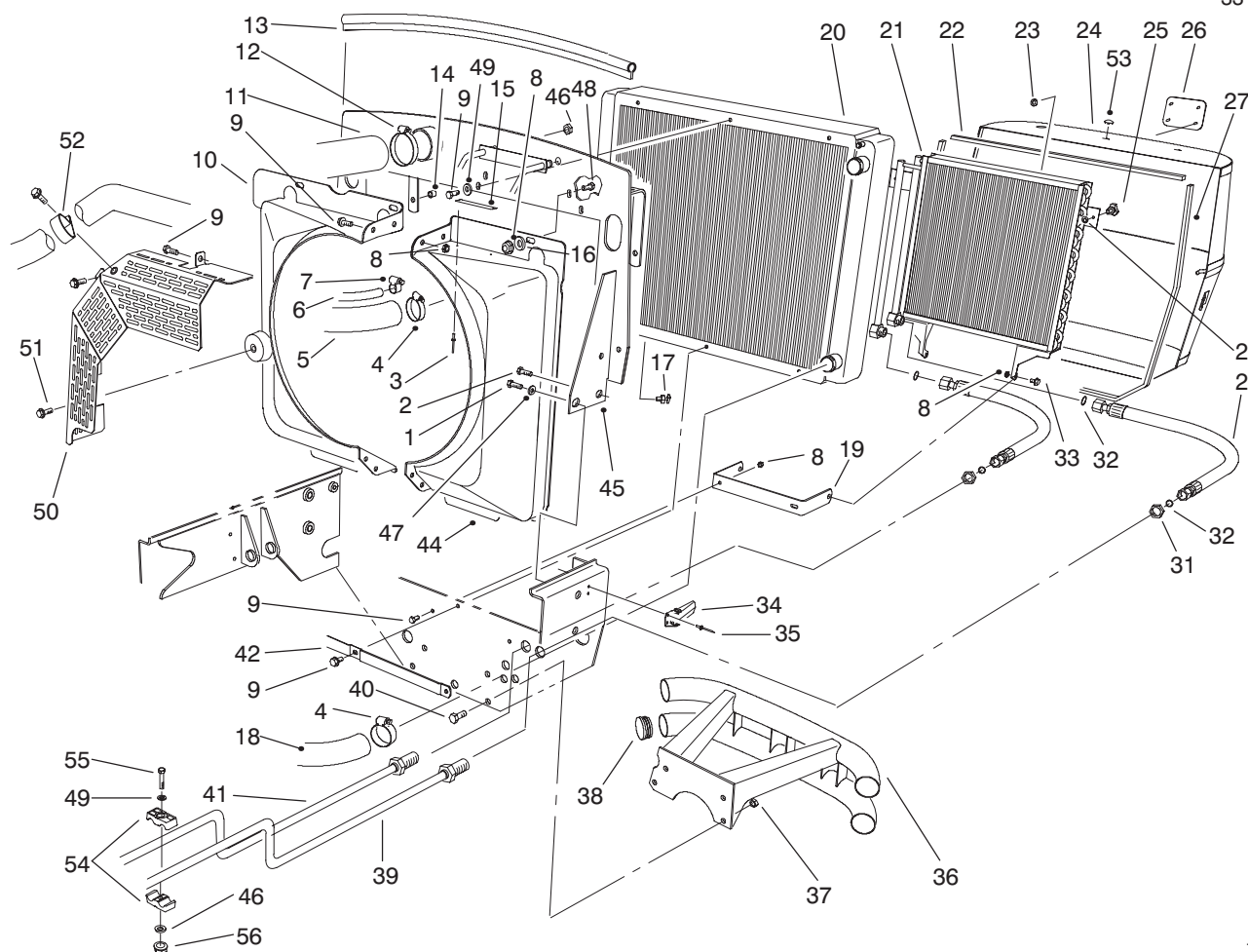


T-2073-4

RADIATOR & SHROUD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	33108-025	Screw—Hex. Hd. Flange	2
2	33105-030	Screw—Hex. Hd. Flange	2
3	3290-271	Rivet—Pop	2
4	2412-3	Clamp—Hose	2
5	93-4215	Hose—Radiator, Upper Rear	1
6	92-7424	Hose—Radiator, Overflow	1
7	2412-36	Clamp—Hose	1
8	32128-20	Nut—Flange	4
9	3234-5	Screw—Flange	10
10	92-7374	Shroud—Fan RH	1
11	93-7584	Hose—Intake	1
12	2412-125	Clamp—Hose	1
13	93-7553	Seal—Hood	1
14	32148-10	Nut—Clinch	2
15	93-6681	Plate—Warning	1
15	94-2646	Decal—Warning (Europe)	1
15	94-4577	Decal—Warning (Japan)	1
16	3256-56	Washer—Flat	3
17	304-46	Nut—Drain Cock	1
18	92-7463	Hose—Radiator, Lower	1
19	92-7516	Bracket—Support, Cooler	1
20	74-3410	Asm—Radiator	1
21	82-3740	Cooler—Oil	1
22	92-7631	Sealstrip—Screen	1
23	94-2638	Nut—Push On	4
24	92-7505	Screen	1
25	77-3620	Retainer—Cover	2

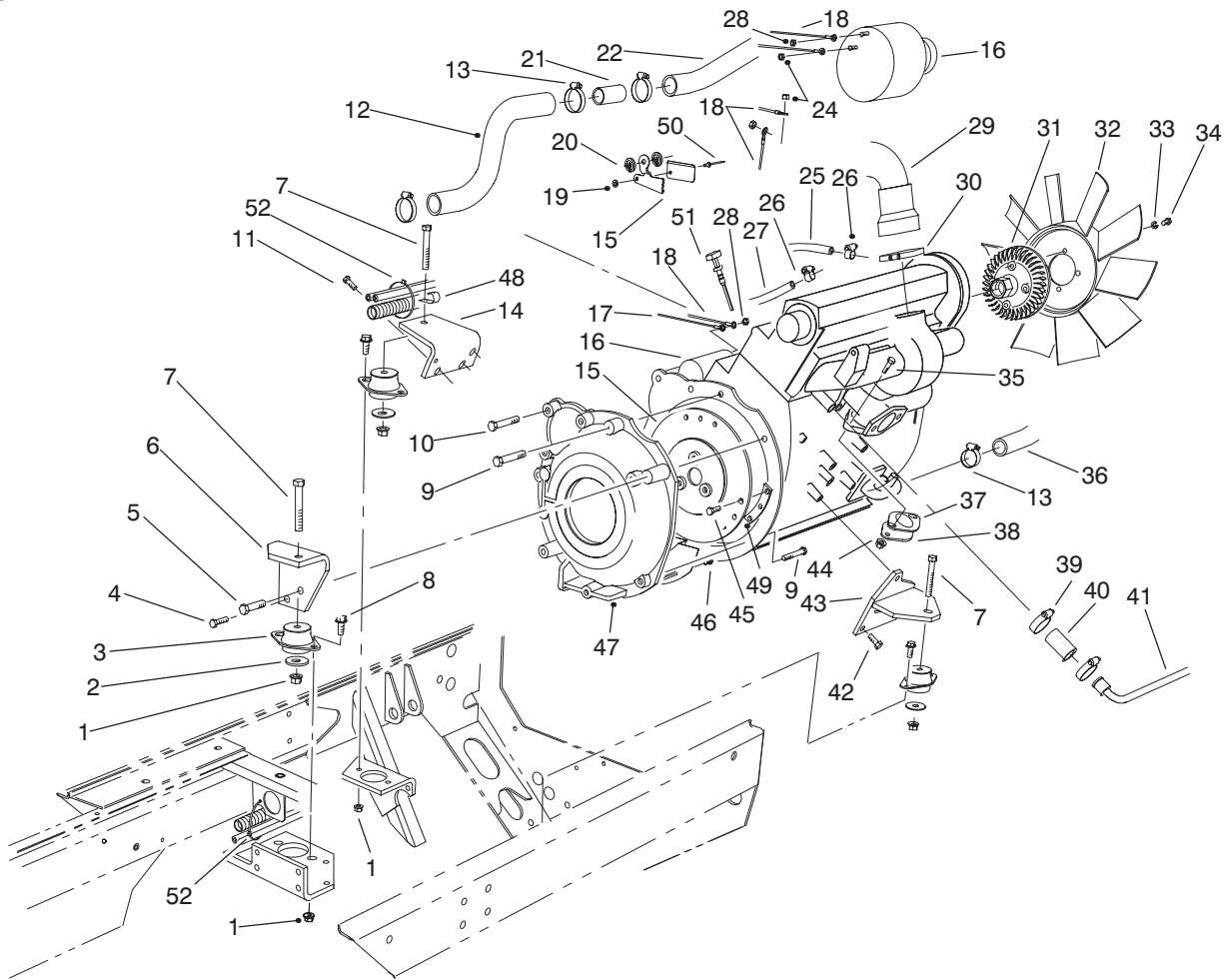
Ref. No.	Part No.	Description	No. Used
26	93-6028	Plate—Logo, Toro	1
27	93-4208	Strip—Seal, Screen	1
28	32151-72	Retainer—Push On	2
29	92-7535	Asm—Hose, Oil Cooler	2
31	340-74	Nut—Bulkhead	2
32	237-65	O—Ring	4
33	37-8771	Bolt—Shoulder	2
34	69-3020	Latch—Draw	2
35	3269-4	Rivet—Pop	4
36	94-3084	Bumper (Model 03800)	1
36	92-7623	Bumper (Model 03801)	1
37	3296-23	Nut—Lock	4
38	2410-42	Cap—Bumper (Model 03800)	2
38	2410-42	Cap—Bumper (Model 03801)	4
39	92-7493	Asm—Tube, Filter	1
40	325-5	Screw—Hex. Hd.	2
41	92-7558	Asm—Tube, Cooler	1
42	92-7416	Strap—Radiator	1
44	92-7375	Shroud—Fan LH	1
45	92-7388	Support—Radiator	1
46	3296-23	Nut—Lock	2
47	3256-27	Washer—Flat	2
48	3230-2	Screw—Carriage	3
49	3256-23	Washer—Flat	3
50	94-2646	Guard—Fan (Europe)	1



T-2073-4

RADIATOR & SHROUD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
51	33104-020	Screw-HHF (Europe)	3	54	94-8105	Clamp-Tube	2
52	2412-96	Clamp-R (Europe)	1	55	322-9	Screw-HH	1
53	2410-64	Button-Plug	3	56	3296-47	Nut-Lock	1

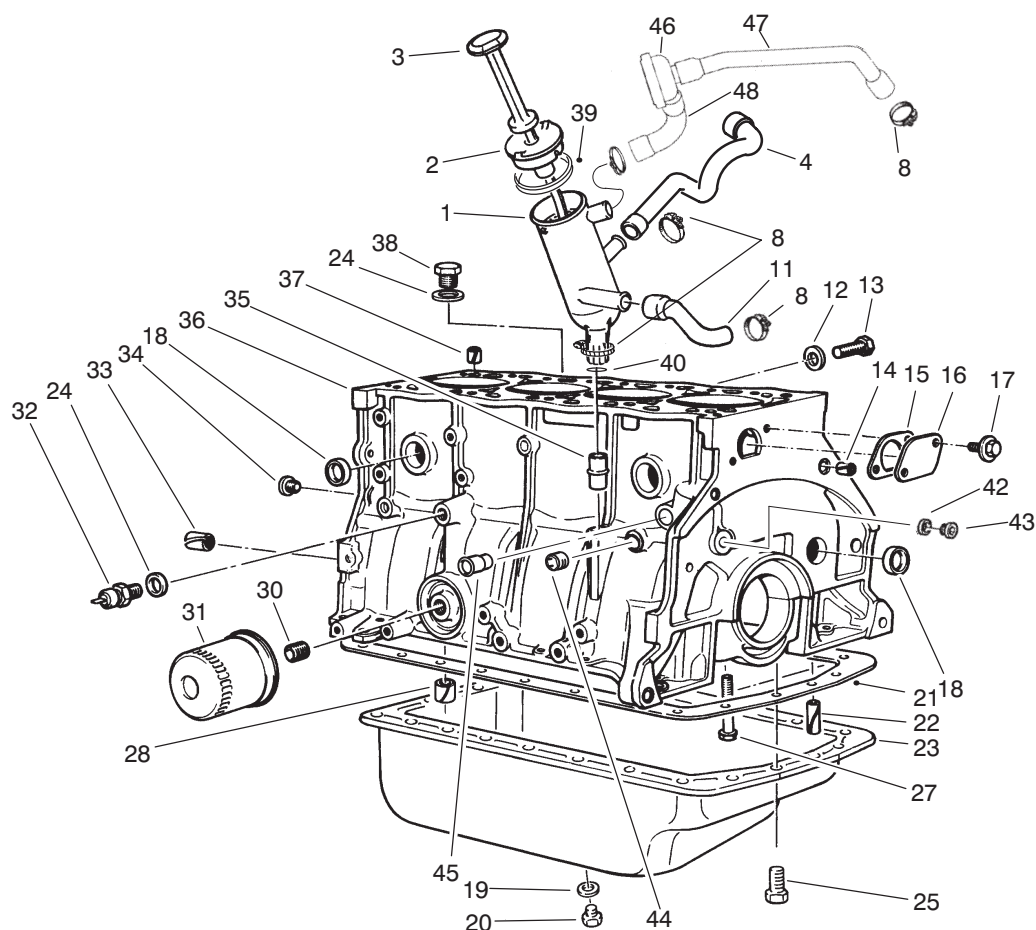


T-2074-1

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	33005-00	Nut-Hex. Flange	9	26	2412-108	Clamp-Hose	2
2	87-5100	Washer-Snubbing	3	27	63-7627	Hose-Fuel	1
3	53-9681	Mount-Rubber	3	28	48-7930	Nut-Hex.	2
4	48-9470	Screw	1	29	94-2624	Hose-Manifold	1
5	48-7840	Screw-Hex. Hd.	1	30	2412-125	Clamp-Hose	1
6	92-7425	Support-Mount, Engine	1	31	92-7466	Clutch-Fan	1
7	33105-070	Screw-Hex. Hd. Flange	3	32	74-3650	Fan-Engine	1
8	33105-030	Screw-Hex. Hd. Flange	6	35	33104-020	Screw-Hex. Hd. Flange	2
9	48-7570	Screw-Hex. Hd.	3	36	92-7463	Hose-Radiator, Lower	1
10	48-7810	Screw-Hex. Hd.	3	37	77-3700	Gasket-Exhaust, Manifold	1
11	66-3160	Screw	4	38	92-7382	Cover-Manifold	1
12	94-1418	Hose-Radiator, Upper	1	39	2412-129	Clamp-Hose	4
13	2412-3	Clamp-Hose	4	40	74-6490	Hose-Water Line	2
14	92-7429	Mount-Motor, RH	1	41	92-7381	Tube-Water, Return	1
15	94-1421	Coupling-Center, Spring	1	42	48-7780	Screw-Hex. Hd.	3
16	93-4233	Asm-Engine	1	43	92-7426	Mount-Motor	1
17	75-1370	Cable-Battery, Positive	1	44	33004-00	Nut-Hex. Flange	2
18	94-3090	Harness-Wire, Main	1	45	48-7700	Screw-Hex. Hd.	6
*	94-9967	Circuit Breaker-50 Amp	1	46	48-7610	Screw-Hex. Hd.	3
*	94-9968	Circuit Breaker-100 Amp	1	47	82-5120	Adapter-Pump To Engine	1
19	3256-49	Washer-Flat	1	48	2412-150	J-Clip	1
20	86-2990	Mount-Cable, Throttle	2	49	94-1422	Spacer-Coupler	3
21	93-7594	Spacer-Tubular	1	50	3290-282	Rivet-Pop	1
22	93-4215	Hose-Radiator, Upper Rear	1	51	93-9176	Dipstick-Peugeot	1
24	48-7880	Nut	3	52	3290-378	Tie-Cable	2
25	92-7521	Hose-Fuel	1				

*Not Illustrated

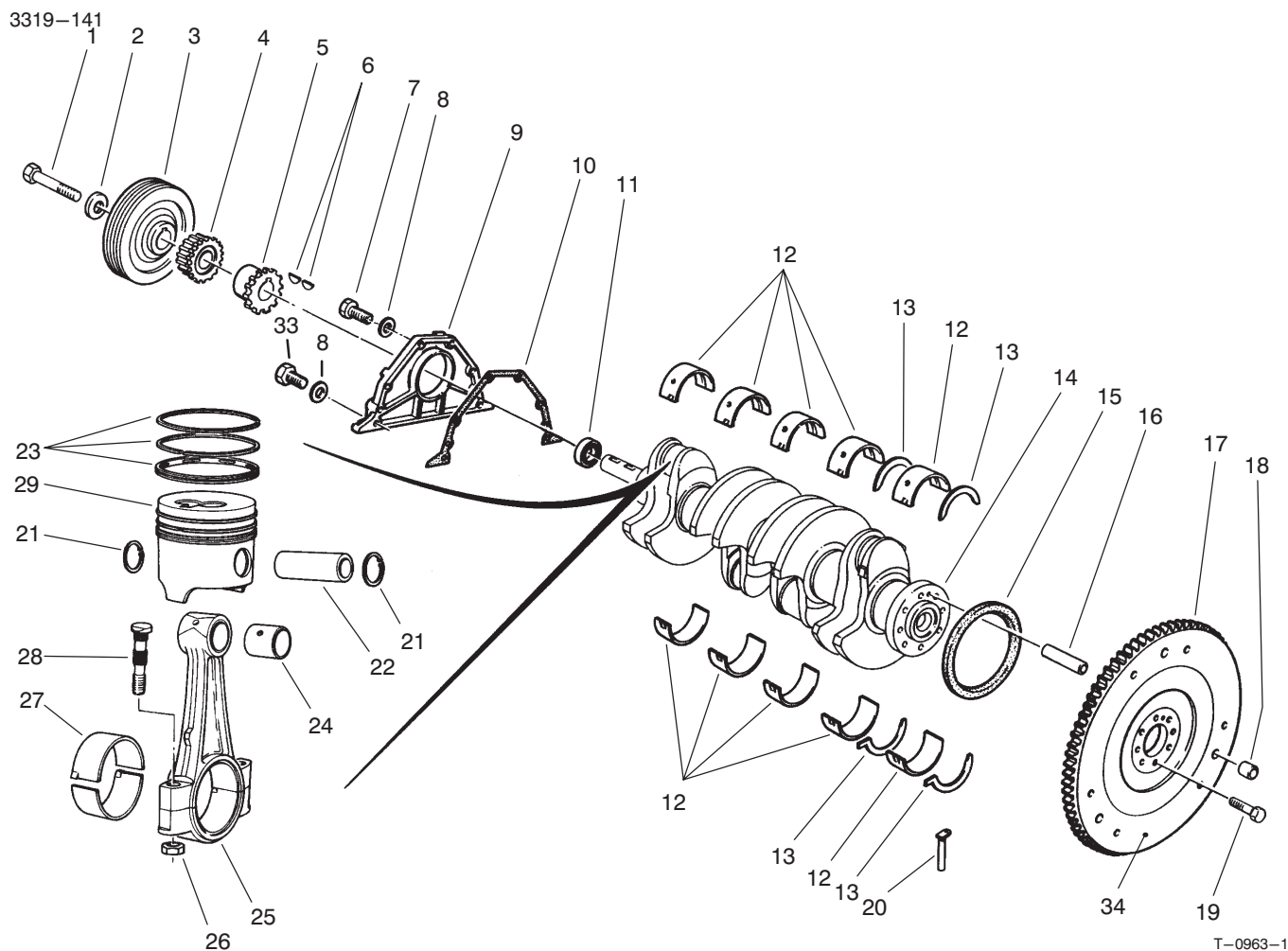


T-2142-3

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-3181	Oil Filler (Incl. Ref. 39)	1	27	74-7930	Screw-Bearing Cap	10
2	94-3182	Plug	1	28	74-7940	Bushing-Spring	1
3	93-9176	Dipstick-Oil	1	29	74-7950	Screw-Plate	6
4	94-3184	Union	1	30	74-7960	Stud-Filter	1
8	2412-129	Clamp-Hose	8	31	74-7970	Filter-Oil	1
11	74-7770	Hose-Crankcase	1	32	94-3180	Switch-Pressure	1
12	74-7780	Gasket	1	33	74-7990	Pin-Spring	4
13	74-7790	Screw	1	34	74-8000	Plug	2
14	94-3102	Pin	2	35	74-8010	Guide-Dipstick	1
15	74-7810	Gasket-Plate	1	36	94-3100	Asm-Short Block (Incl. Pistons next page)	1
16	74-7820	Plate	1	37	74-8030	Pin-Spring	1
17	94-3112	Screw-Washer Hd.	2	38	94-3105	Plug-Drain	1
18	74-7840	Plug-27 mm Dia.	8	39	94-3183	Gasket	1
*	94-3108	Plug-27.5 mm Dia.	8	40	94-3186	O-Ring	1
*	94-3109	Plug-28.5 mm Dia.	9	42	94-3106	Gasket	2
19	74-7320	Gasket	1	43	94-3104	Plug-Threaded	2
20	74-7310	Plug-Threaded	1	44	94-3103	Plug-Threaded	1
21	74-7380	Gasket-Oil Pan	1	45	94-3110	Stud	1
22	94-3111	Pin-Groove	2	46	94-3190	PCV Valve	1
23	74-7300	Pan-Oil	1	47	94-3192	Union	1
24	94-3107	Gasket	2	48	94-3191	Union	1
25	74-7330	Screw-Hex. Hd.	23	*	94-3101	Gasket Set (Without Head Gasket)	1
26	77-3790	Plug-Drain	1				

*Not Illustrated



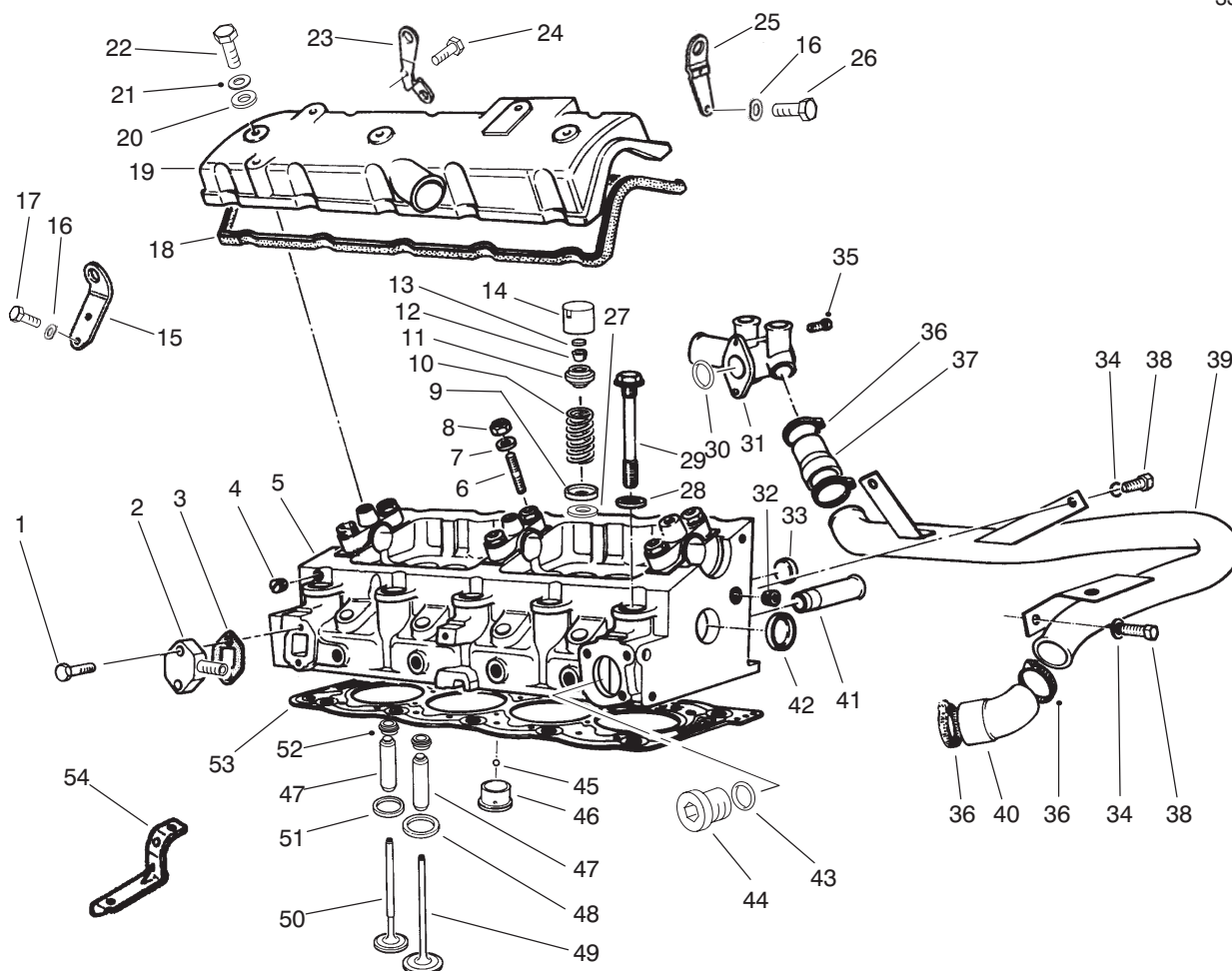
T-0963-1

CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-3145	Screw-Hex. Hd.	1
2	94-3146	Washer	1
3	94-3144	Pulley	1
4	74-8100	Gear-Pinion	1
5	95-3485	Sprocket-Oil Pump	1
6	74-8120	Key-Woodruff	2
7	94-3150	Screw-Hex. Hd.	4
8	94-3151	Washer	6
9	74-8140	Cover	1
10	74-8150	Gasket-Cover	1
11	94-3148	Seal-Shaft	1
12	74-8170	Bearing Set (Std.)	2
*	94-3140	Bearing Set (.30mm OS)	2
13	94-3141	Thrust Bearing Set (Std.)	2
*	94-3142	Thrust Bearing Set (.10mm OS)	2
*	74-8210	Thrust Bearing Set (.15mm OS)	2
*	94-3143	Thrust Bearing Set (.20mm OS)	2
14	74-8230	Crankshaft	1
15	94-3147	Seal	1
16	74-7990	Pin	1
17	94-3149	Gear-Flywheel	1
18	74-8270	Pin	3
19	95-3484	Screw-Hex. Hd.	8
20	74-8290	Seal-#1 Bearing Cap	2
21	74-8300	Clip-Piston Pin	8

*Not Illustrated

Ref. No.	Part No.	Description	No. Used
22	74-8310	Pin-Piston	4
23	94-3158	Piston Ring Set Std.	4
*	74-8320	Piston Ring Set-0.20 mm	4
*	74-8330	Piston Ring Set-0.50 mm	4
*	74-8340	Piston Ring Set-0.80 mm	4
24	94-3154	Bushing-Sleeve	4
25	94-3153	Rod-Connecting	4
26		Nut-Hex.	8
27	74-8380	Bearing-Connecting Rod (Std.)	4
*	94-3155	Bearing-Connecting Rod (49.7mm ID)	4
28	94-3156	Bolt-Connecting Rod (Incl. Ref. #26)	8
29	94-3157	Piston Set-Std. (Incl. Ref. #21-23)	1
29	74-8420	Piston Set-Stage #1 (83.13mm OD) (Incl. Ref. #21-23)	1
*	74-8430	Piston Set-Stage #2 (83.43mm OD) (Incl. Ref. #21-23)	1
*	74-8440	Piston Set-Stage #3 (83.73mm OD) (Incl. Ref. #21-23)	1
33	94-3152	Screw-Hex. Hd.	2
34	74-8260	Flywheel	1

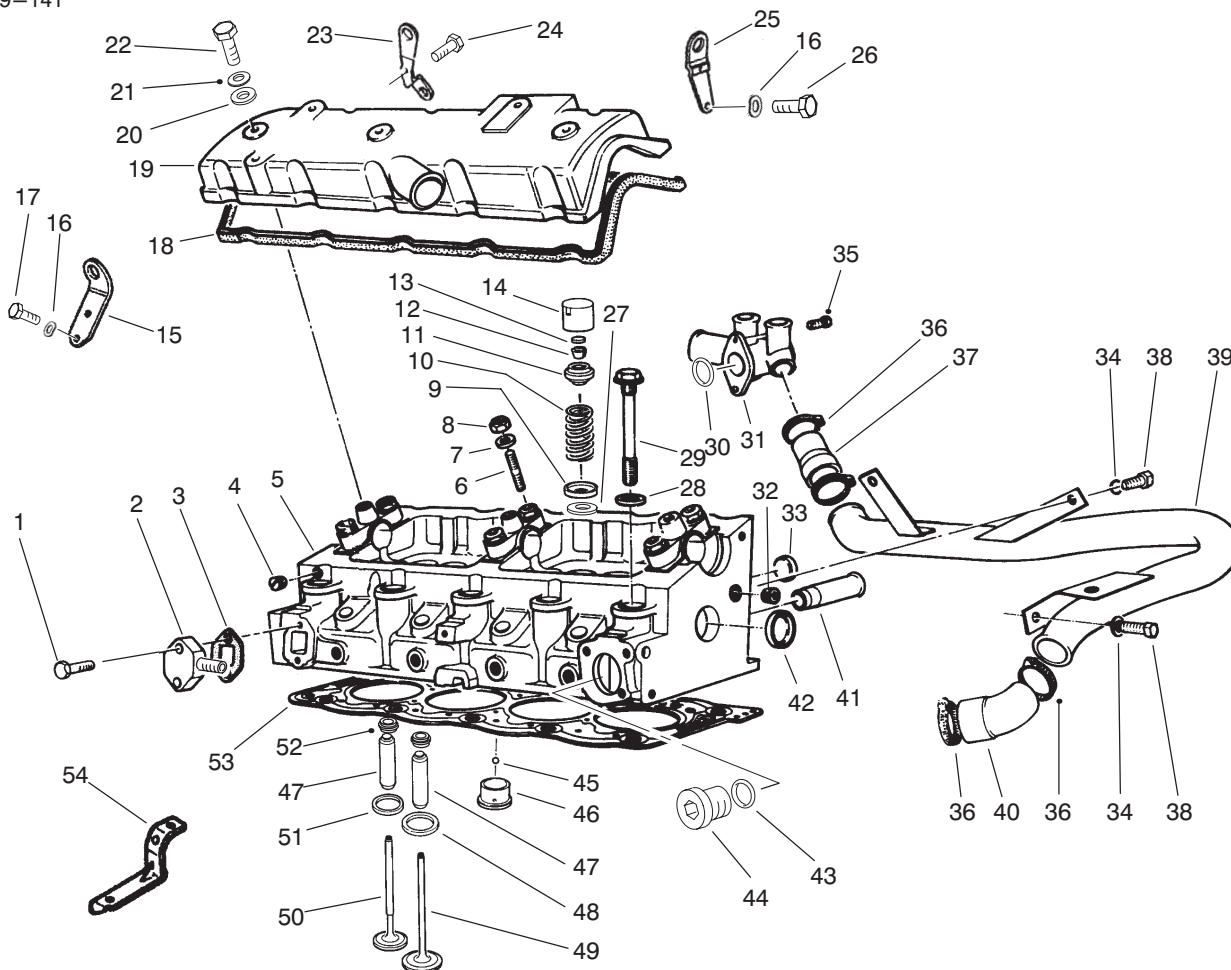


T-2148-4

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-3123	Screw—Hex. Hd.	2	13	74-6720	Insert—Valve (2.400mm)	8
2	94-3117	Plate	1	*	74-6730	Insert—Valve (2.425mm)	8
3	94-3116	Gasket	1	*	74-6740	Insert—Valve (2.450mm)	8
4	74-7600	Plug	4	*	74-6750	Insert—Valve (2.475mm)	8
5	94-3113	Asm—Cylinder Head	1	*	74-6760	Insert—Valve (2.500mm)	8
6	76-5130	Stud	6	*	74-6770	Insert—Valve (2.525mm)	8
7	74-8900	Washer—Flat	6	*	74-6780	Insert—Valve (2.550mm)	8
8	94-3115	Nut—Lock	6	*	74-6790	Insert—Valve (2.575mm)	8
9	74-6570	Cup—Lower Valve Spring	8	*	74-6800	Insert—Valve (2.600mm)	8
10	74-6560	Spring—Valve	8	*	74-6810	Insert—Valve (2.625mm)	8
11	74-6550	Cup—Upper Valve Spring	8	*	74-6820	Insert—Valve (2.650mm)	8
12	74-7240	Collar—Split	16	*	74-6830	Insert—Valve (2.675mm)	8
13	74-6580	Insert—Valve (1.650mm)	8	*	74-6840	Insert—Valve (2.700mm)	8
*	74-6590	Insert—Valve (1.725mm)	8	*	74-6850	Insert—Valve (2.725mm)	8
*	74-6600	Insert—Valve (1.800mm)	8	*	74-6860	Insert—Valve (2.750mm)	8
*	74-6610	Insert—Valve (1.900mm)	8	*	74-6870	Insert—Valve (2.775mm)	8
*	74-6620	Insert—Valve (1.975mm)	8	*	74-6880	Insert—Valve (2.800mm)	8
*	74-6630	Insert—Valve (2.050mm)	8	*	74-6890	Insert—Valve (2.825mm)	8
*	74-6640	Insert—Valve (2.125mm)	8	*	74-6900	Insert—Valve (2.850mm)	8
*	74-6650	Insert—Valve (2.225mm)	8	*	74-6910	Insert—Valve (2.875mm)	8
*	74-6660	Insert—Valve (2.250mm)	8	*	74-6920	Insert—Valve (2.900mm)	8
*	74-6670	Insert—Valve (2.275mm)	8	*	74-6930	Insert—Valve (2.925mm)	8
*	74-6680	Insert—Valve (2.300mm)	8	*	74-6940	Insert—Valve (2.950mm)	8
*	74-6690	Insert—Valve (2.325mm)	8	*	74-6950	Insert—Valve (2.975mm)	8
*	74-6700	Insert—Valve (2.350mm)	8	*	74-6960	Insert—Valve (3.000mm)	8
*	74-6710	Insert—Valve (2.375mm)	8	*	74-6970	Insert—Valve (3.025mm)	8

*Not Illustrated



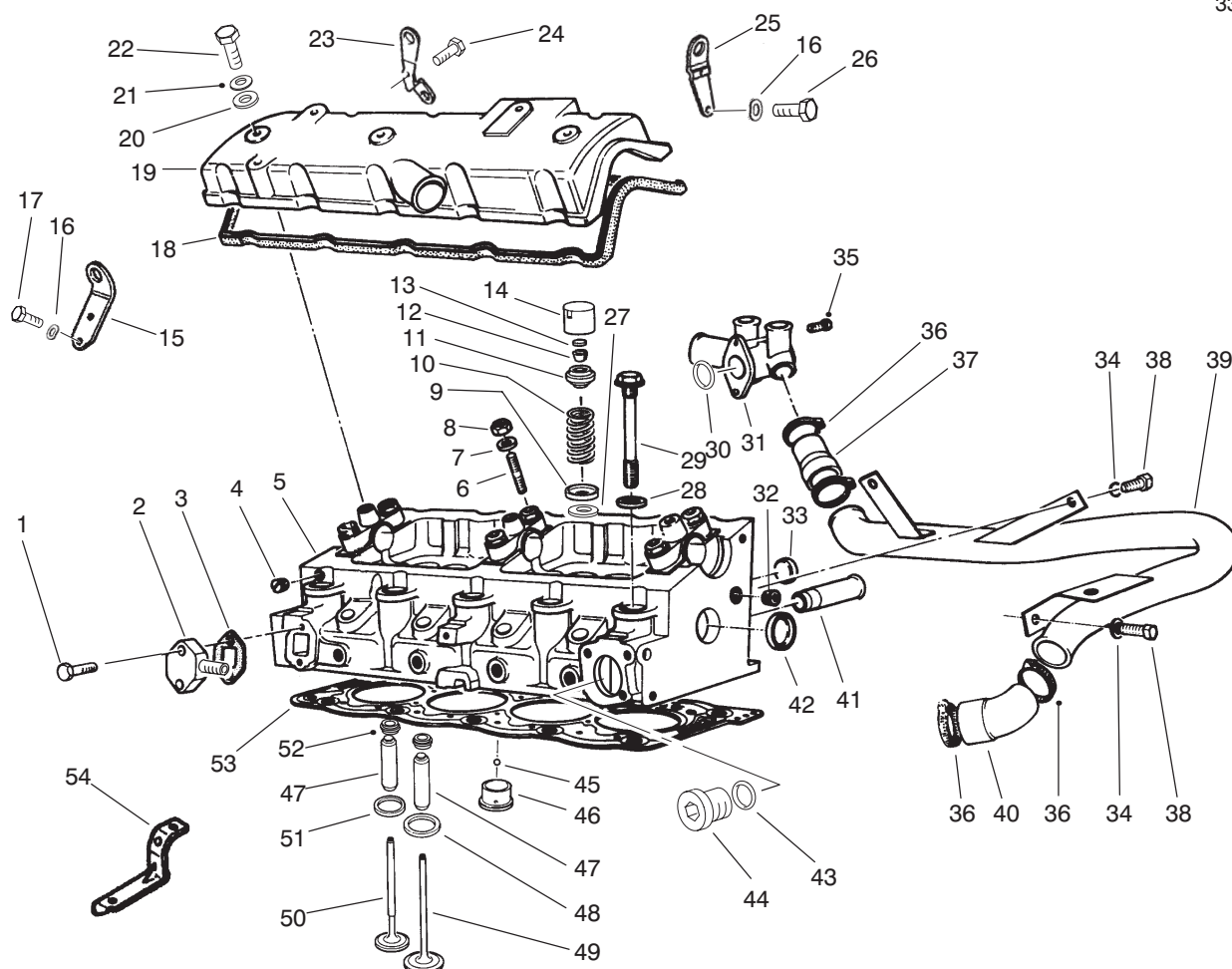
T-2148-4

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
13	74-6980	Insert-Valve (3.050mm)	8
*	74-6990	Insert-Valve (3.075mm)	8
*	74-7000	Insert-Valve (3.100mm)	8
*	74-7010	Insert-Valve (3.125mm)	8
*	74-7020	Insert-Valve (3.150mm)	8
*	74-7030	Insert-Valve (3.175mm)	8
*	74-7040	Insert-Valve (3.200mm)	8
*	74-7050	Insert-Valve (3.225mm)	8
*	74-7060	Insert-Valve (3.250mm)	8
*	74-7070	Insert-Valve (3.275mm)	8
*	74-7080	Insert-Valve (3.300mm)	8
*	74-7090	Insert-Valve (3.325mm)	8
*	74-7100	Insert-Valve (3.350mm)	8
*	74-7110	Insert-Valve (3.375mm)	8
*	74-7120	Insert-Valve (3.400mm)	8
*	74-7130	Insert-Valve (3.425mm)	8
*	74-7140	Insert-Valve (3.450mm)	8
*	74-7150	Insert-Valve (3.475mm)	8
*	74-7160	Insert-Valve (3.500mm)	8
*	74-7170	Insert-Valve (3.550mm)	8
*	74-7180	Insert-Valve (3.625mm)	8
*	74-7190	Insert-Valve (3.700mm)	8
*	74-7200	Insert-Valve (3.775mm)	8
*	74-7210	Insert-Valve (3.850mm)	8
*	74-7220	Insert-Valve (3.925mm)	8
*	74-7230	Insert-Valve (4.000mm)	8

*Not Illustrated

Ref. No.	Part No.	Description	No. Used
14	74-6540	Tappet-Valve	8
15	94-3135	Bracket-Lifting	1
16	74-7560	Washer-Spring	3
17	76-5440	Screw	2
18	74-7630	Gasket-Valve Cover	1
19	74-7640	Cover-Valve	1
20	74-7650	Washer-Flat	3
21	94-3125	Washer	3
22	94-3124	Bolt-Valve Cover	3
23	94-3136	Bracket-Lifting	1
24	94-3138	Screw	1
25	94-3137	Bracket-Lifting	1
26	94-3139	Screw	1
27	94-3174	Washer	8
28	74-7270	Washer-Flat	10
29	74-7260	Bolt-Head	10
30	94-3197	O-Ring	1
31	94-3196	Inlet-Water	1
32	94-3118	Plug	1
33	74-7840	Plug-27 mm Dia.	2
*	94-3108	Plug-27.5 mm Dia.	2
*	94-3109	Plug-28.5 mm Dia.	2
34	68-9420	Washer-Lock	3
35	94-3198	Screw	2
36	2412-129	Clamp-Hose	4
37	94-3200	Hose-By-Pass	1

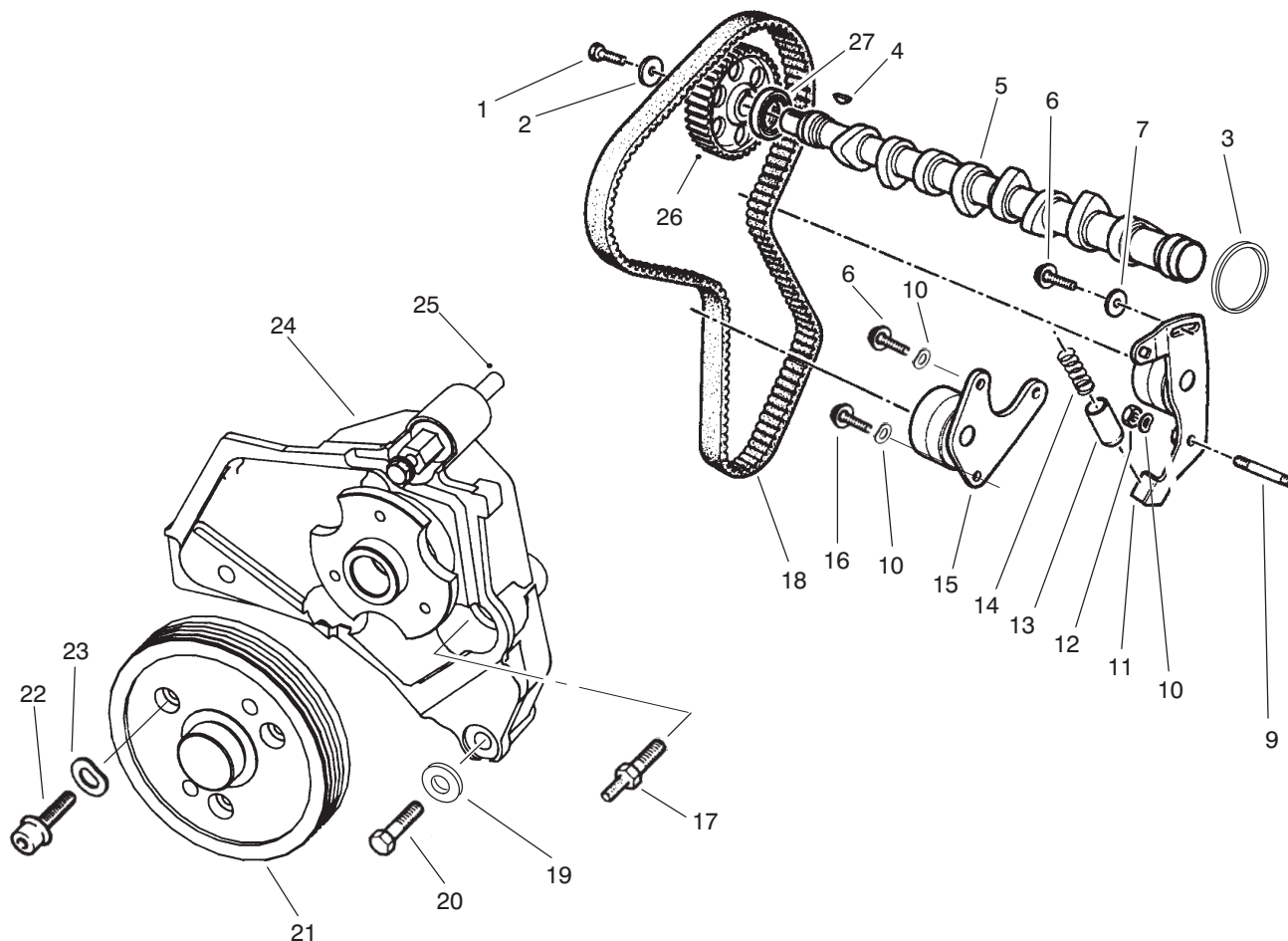


T-2148-4

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
38	48-7700	Screw—Hex. Hd.	3	49	74-7480	Valve—Intake	4
39	94-3199	Pipe—By—Pass	1	50	92-7794	Valve—Exhaust	4
40	94-3201	Hose—By—Pass	1	51	92-7795	Seat—Exhaust Valve (34.5mm)	4
41	74-7400	Tube	1	52	92-7791	Seal—Valve	8
42	74-7840	Plug	2	53	94-8132	Gasket—Head (1.48 mm)	1
43	94-3122	Gasket	1	*	94-8133	Gasket—Head (1.52 mm)	1
44	94-3121	Plug	1	*	94-8134	Gasket—Head (1.58 mm)	1
45	74-7420	Ball	4	*	94-8135	Gasket—Head (1.62 mm)	1
46	74-7430	Chamber—Turbulence (32.45mm)	4	54	94-3120	Bracket	1
*	74-7440	Chamber—Turbulence (32.65mm)	4	*	74-7670	Head Bolt & Washer Set (Incl. Ref. #28 & 29)	1
47	92-7792	Guide—Valve (14.29mm)	8	*	94-3119	Kit—Gasket	1
*	92-7793	Guide—Valve (14.59mm)	8	*	94-9965	Asm—Head, Cylinder	1
48	74-7450	Seat—Intake Valve (39.3mm)	4				
*	74-7460	Seal—Intake Valve (39.5mm)	4				

*Not Illustrated

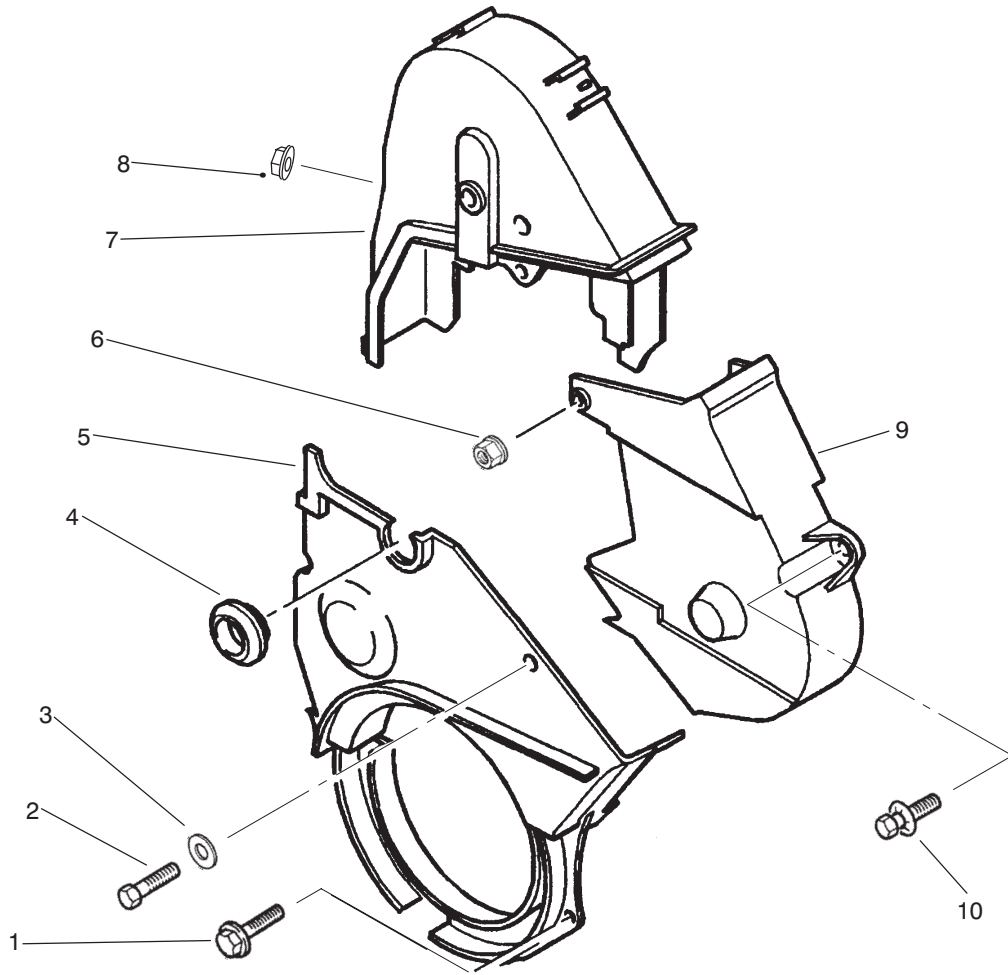


T-2141-1

CAMSHAFT & FAN SUPPORT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	77-3440	Screw	2
2	77-3450	Washer	2
3	77-3420	Gasket	1
4	77-3410	Key	1
5	77-3400	Camshaft	1
6	94-3163	Screw	1
7	94-3166	Washer-Flat	1
9	94-3162	Stud	1
10	94-3164	Washer-Spring	4
11	94-3159	Asm-Roller	1
12	94-3165	Nut-Lock	1
13	77-3520	Cup	1
14	77-3510	Spring	1

Ref. No.	Part No.	Description	No. Used
15	94-3160	Asm-Roller	1
16	94-3161	Screw	2
17	94-3170	Screw	1
18	74-8830	Belt	1
19	94-3172	Washer	3
20	94-3171	Screw	2
21	94-3168	Pulley-Fan	1
22	94-3173	Screw	3
23	76-5010	Washer	3
24	94-3167	Bracket-Fan	1
25	94-3169	Screw	1
26	92-7787	Pulley-Camshaft	1
27	94-9994	Gasket-Camshaft	1

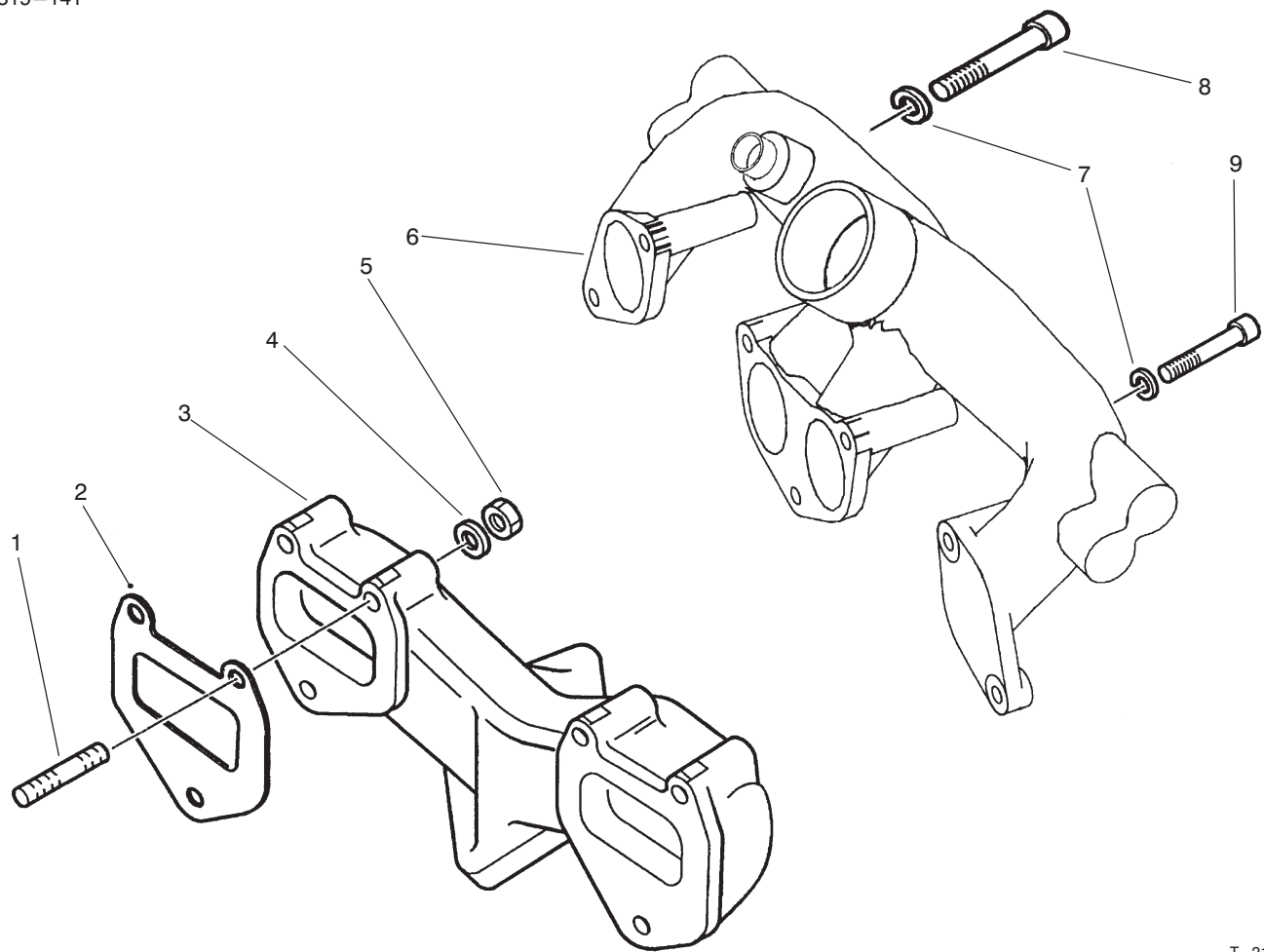


T-2140-2

TIMING COVER

Ref. No.	Part No.	Description	No. Used
1	94-3132	Screw	2
2	94-3130	Screw	1
3	94-3125	Washer-Flat	1
4	94-3129	Plug	1
5	94-3126	Protector-Lower	1

Ref. No.	Part No.	Description	No. Used
6	94-3133	Nut W/Washer	1
7	94-3127	Case-Timing, Left	1
8	94-3134	Nut	1
9	94-3128	Case-Timing, Right	1
10	94-3131	Screw	1



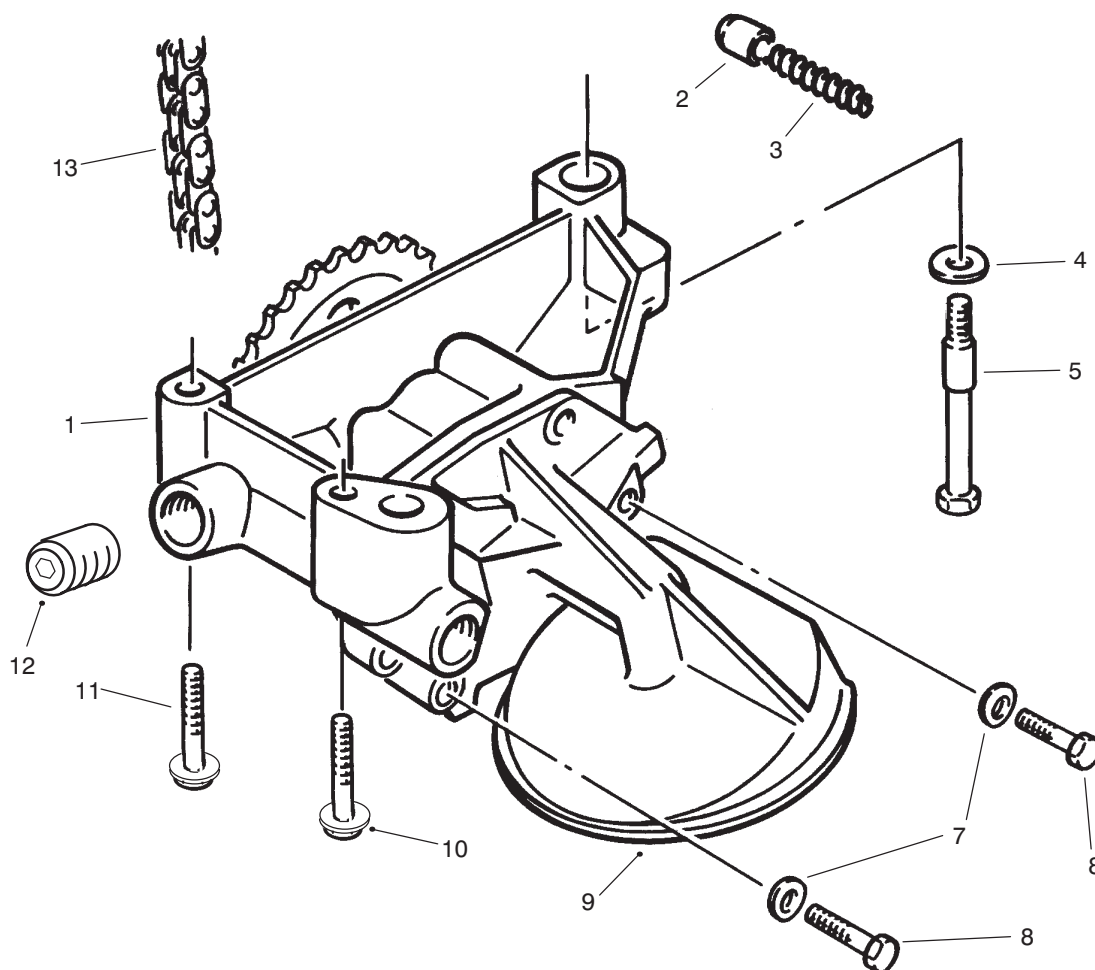
T-2149-3

INTAKE & EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	77-3300	Stud	6
2	77-3310	Gasket	2
3	77-3340	Manifold-Exhaust	1
4	68-9420	Washer-Lock	6
5	77-3320	Nut-Hex	6

Ref. No.	Part No.	Description	No. Used
6	94-3215	Manifold-Intake	1
7	94-3164	Washer-Spring	7
8	94-3216	Screw	5
9	94-3217	Screw	4
*	94-3218	Screw	1

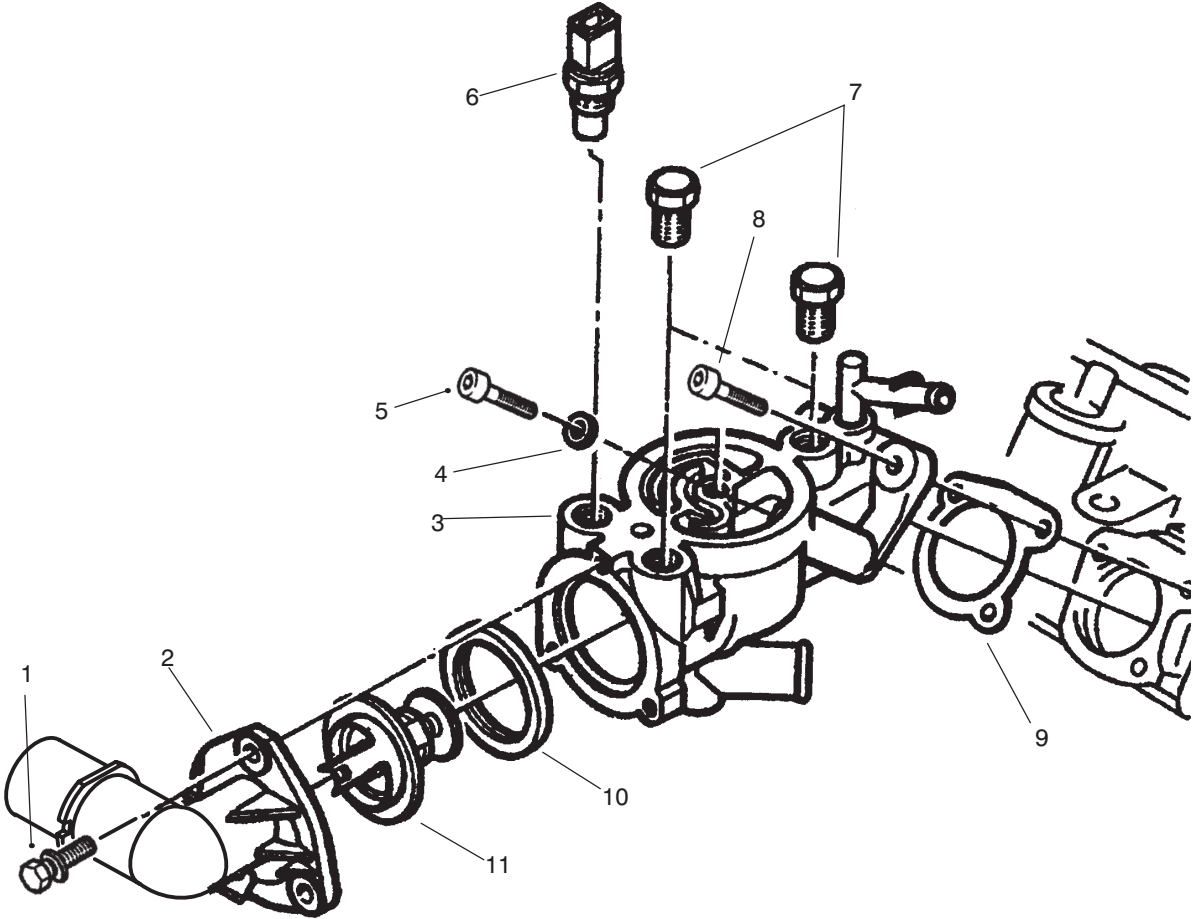
*Not Illustrated



T-0964-2

OIL PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-5070	Asm—Oil Pump	1	8	94-3124	Screw—Hex. Hd.	2
2	94-3176	Gear—Oil Pump	1	9	94-3178	Strainer	1
3	76-5090	Spring—Piston	1	10	77-3470	Screw	1
4	94-3179	Washer—Spring	3	11	77-3490	Screw	1
5	76-5100	Bolt—Shoulder	1	12	94-3177	Plug	2
7	76-5010	Washer—Spring	5	13	76-5170	Chain—Pump Drive	1

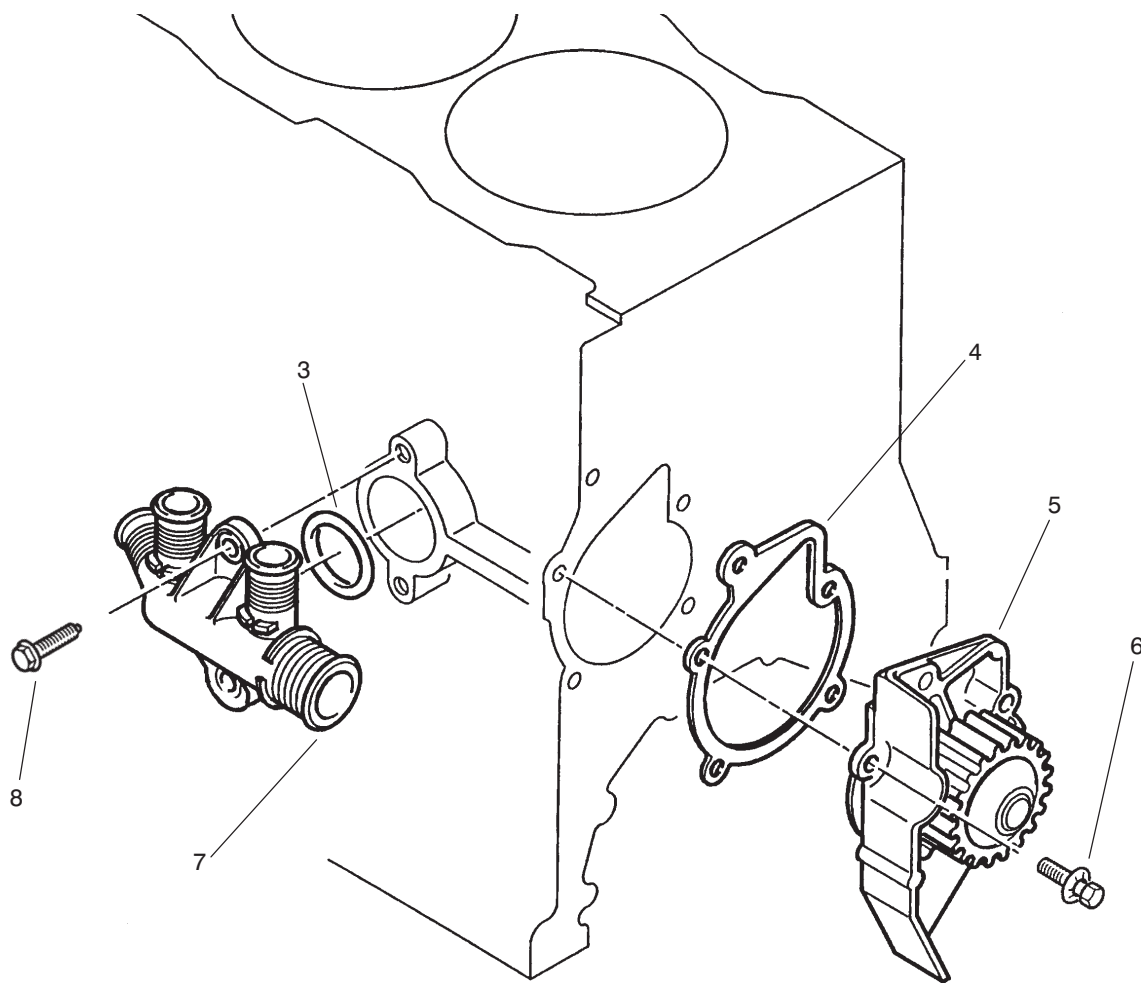


T-2143-3

COLLECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-3131	Screw	3
2	94-3208	Stub-Outlet	1
3	94-3205	Box-Outlet	1
4	94-3207	Ring	1
5	94-3214	Screw	1
6	94-3211	Temp Sending Unit	1

Ref. No.	Part No.	Description	No. Used
7	94-3212	Plug	2
8	94-3213	Screw	1
9	94-3206	Gasket	1
10	94-3210	Gasket	1
11	94-3209	Thermostat	1



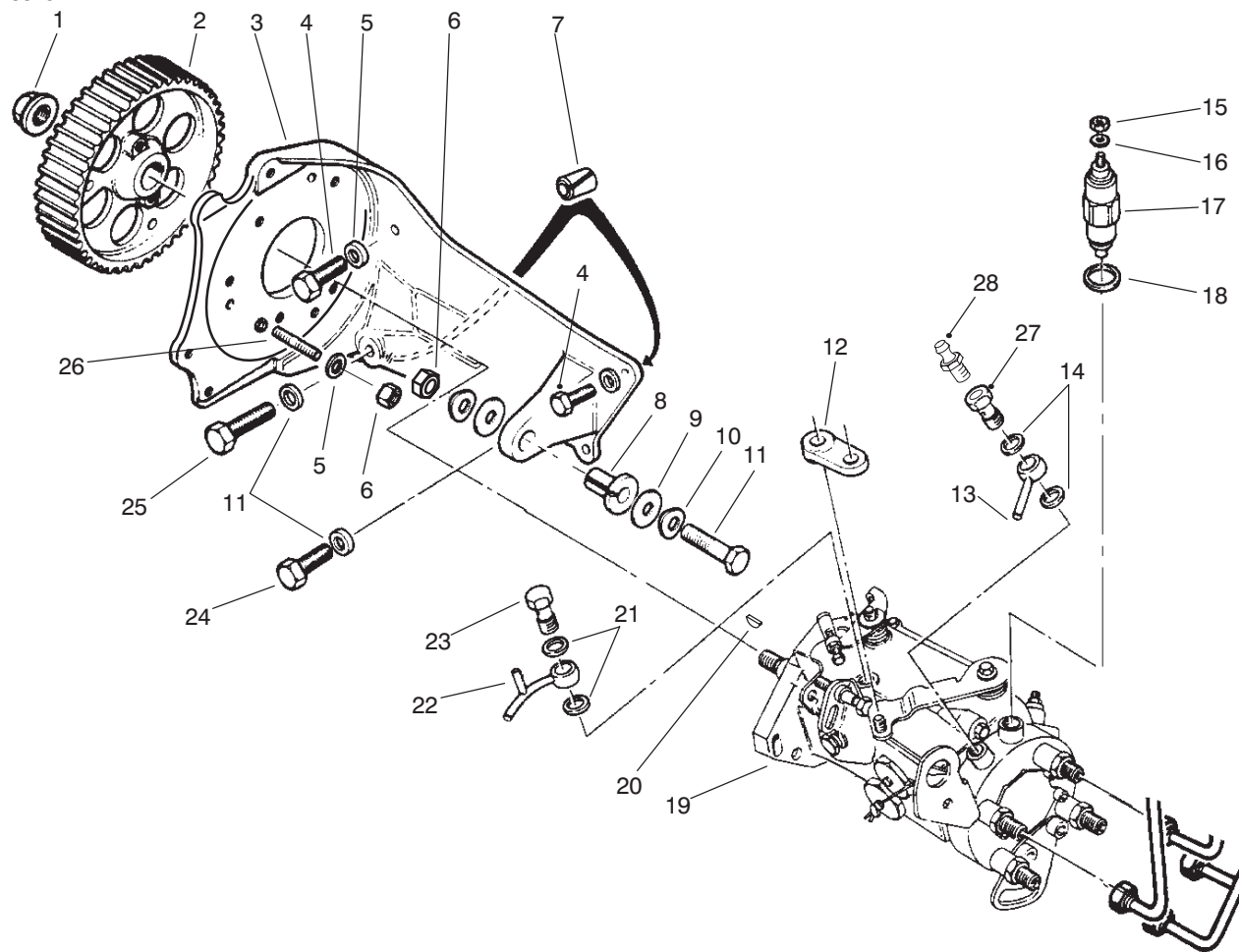
T-2144-1

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
3	94-3197	O-Ring	1
4	94-3195	Gasket-Pump, Water	1
5	94-3194	Cover-Pump, Water (Incl. Ref. #4)	1

Ref. No.	Part No.	Description	No. Used
6	76-5500	Screw	5
7	94-3196	Inlet-Water	1
8	94-3198	Screw	2

3319-141

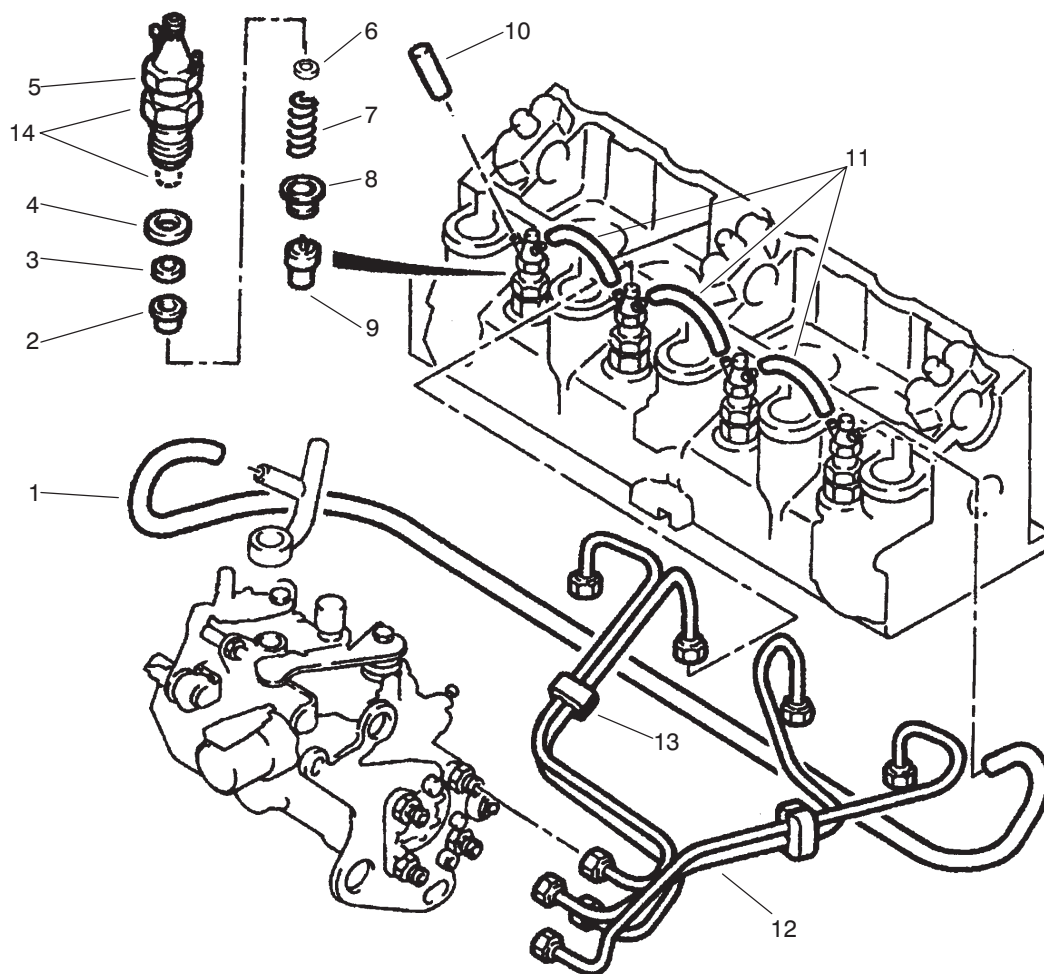


T-2146-1

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-4950	Nut	1
2	76-4940	Gear-Pump, Injection	1
3	94-3220	Bracket	1
4	94-3225	Screw	2
5	76-4930	Washer	3
6	94-3165	Nut	4
7	74-8610	Pin	2
8	74-8630	Bushing-Flange	1
9	94-3224	Washer-Flat	2
10	94-3164	Washer-Spring	6
11	94-3221	Screw	1
12	74-8650	Journal	1
13	74-8670	Union-Inlet	1
14	74-8680	Gasket	2

Ref. No.	Part No.	Description	No. Used
15	94-3251	Nut	1
16	74-8710	Washer	1
17	93-5856	Valve-Solenoid	1
18	94-3274	O-Ring	1
19	94-3219	Pump-Injection	1
20	94-3222	Key	1
21	74-8870	Gasket	2
22	94-3249	Tube-Outlet	1
23	94-3250	Screw-Connection	1
24	94-3161	Screw	1
25	94-3223	Screw	1
26	76-4910	Stud	3
27	94-9969	Screw-Connection	1
28	93-5835	Screw-Purge	1

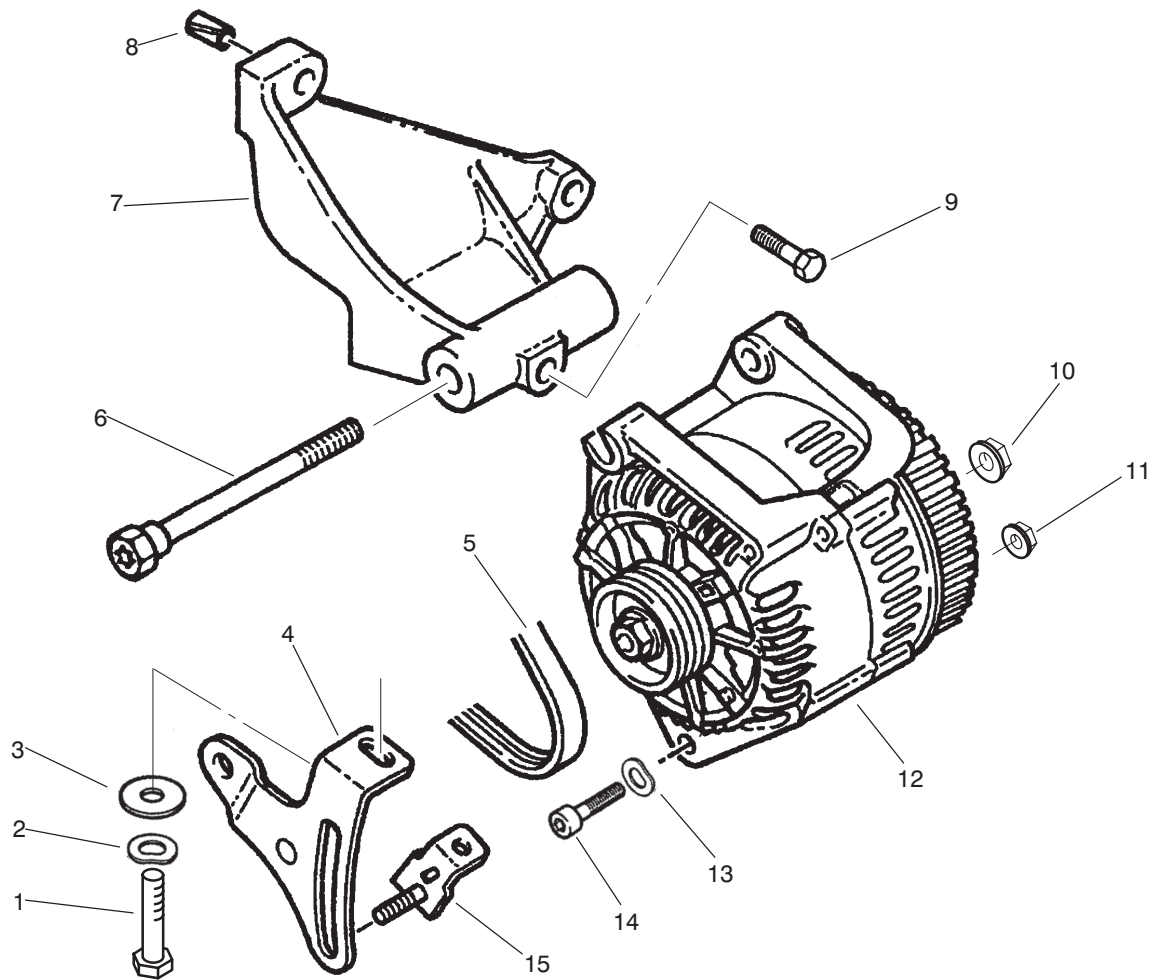


T-2145-2

FUEL INJECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-3230	Hose	1	6	94-3242	Washer-1.30 mm	4
2	76-5540	Plug	4	*	94-3243	Washer-1.33 mm	4
3	76-5530	Gasket-Injector	4	*	94-3244	Washer-1.36 mm	4
4	94-3226	Gasket-Injector	4	*	94-3245	Washer-1.39 mm	4
5	76-5520	Holder-Injector	4	*	94-3246	Washer-1.42 mm	4
6	94-3232	Washer-0.79 mm	4	*	94-3247	Washer-1.45 mm	4
*	94-3233	Washer-0.82 mm	4	*	94-3248	Washer-1.48 mm	4
*	94-3234	Washer-0.85 mm	4	7	94-3228	Spring	4
*	94-3235	Washer-0.88 mm	4	8	94-3227	Spacer	4
*	94-3236	Washer-0.91 mm	4	9	94-8147	Nozzle-Injector	4
*	94-3237	Washer-0.94 mm	4	10	74-8770	Plug	1
*	94-3238	Washer-0.97 mm	4	11	94-3229	Union	3
*	94-3239	Washer-1.00 mm	4	12	74-8750	Pipe	1
*	94-3240	Washer-1.03 mm	4	13	94-3231	Bracket	2
*	94-3241	Washer-1.06 mm	4	14	76-5600	Asm-Holder, Injector	4

*Not Illustrated

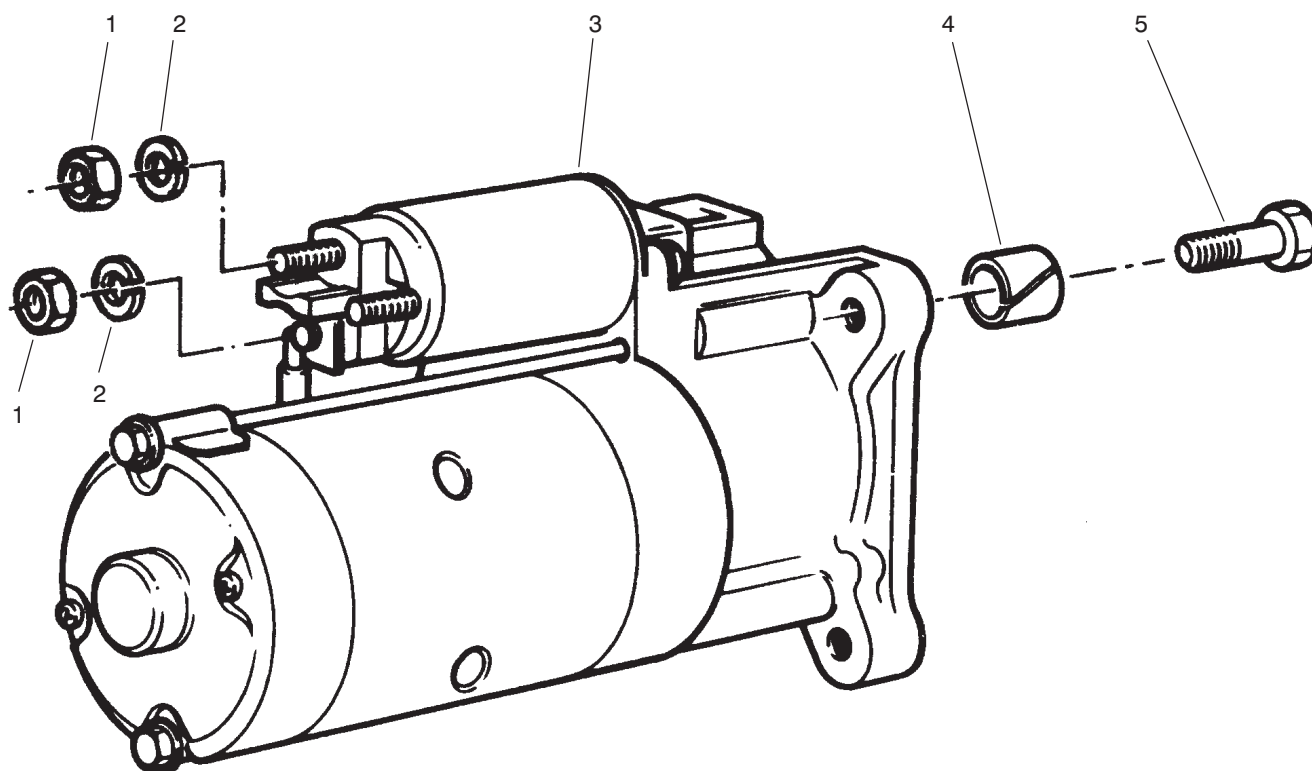


T-2147-2

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-5060	Screw	1
2	76-5010	Washer-Spring	1
3	94-3260	Washer-Flat	1
4	94-3255	Slide	1
5	94-3256	Belt	1
6	94-3254	Screw	1
7	94-3253	Bracket	1
8	74-8610	Pin	2

Ref. No.	Part No.	Description	No. Used
9	94-3259	Screw	1
10	94-3262	Nut	1
11	94-3261	Nut	1
12	94-3252	Alternator	1
13	94-3257	Washer-Spring	1
14	94-3258	Screw	1
15	76-4990	Bracket	1



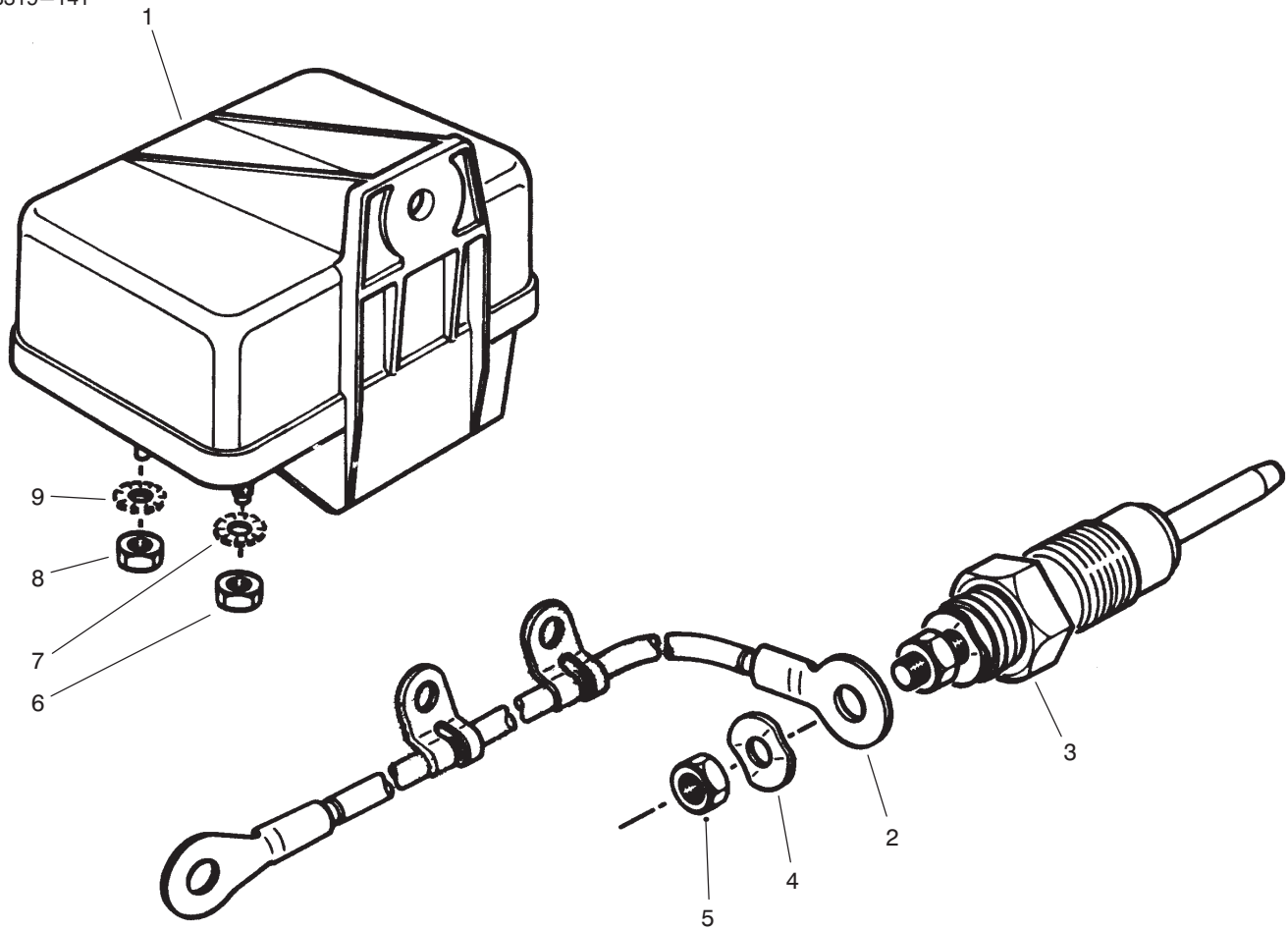
T-0968-1

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46-0330	Nut-Hex	2
2	76-5570	Washer-Lock	2
3	94-3263	Starter	1
4	76-5590	Sleeve-Spring	1

Ref. No.	Part No.	Description	No. Used
5 *	48-7810 94-3275	Screw-Mounting Solenoid-Starter	3 1

*Not Illustrated

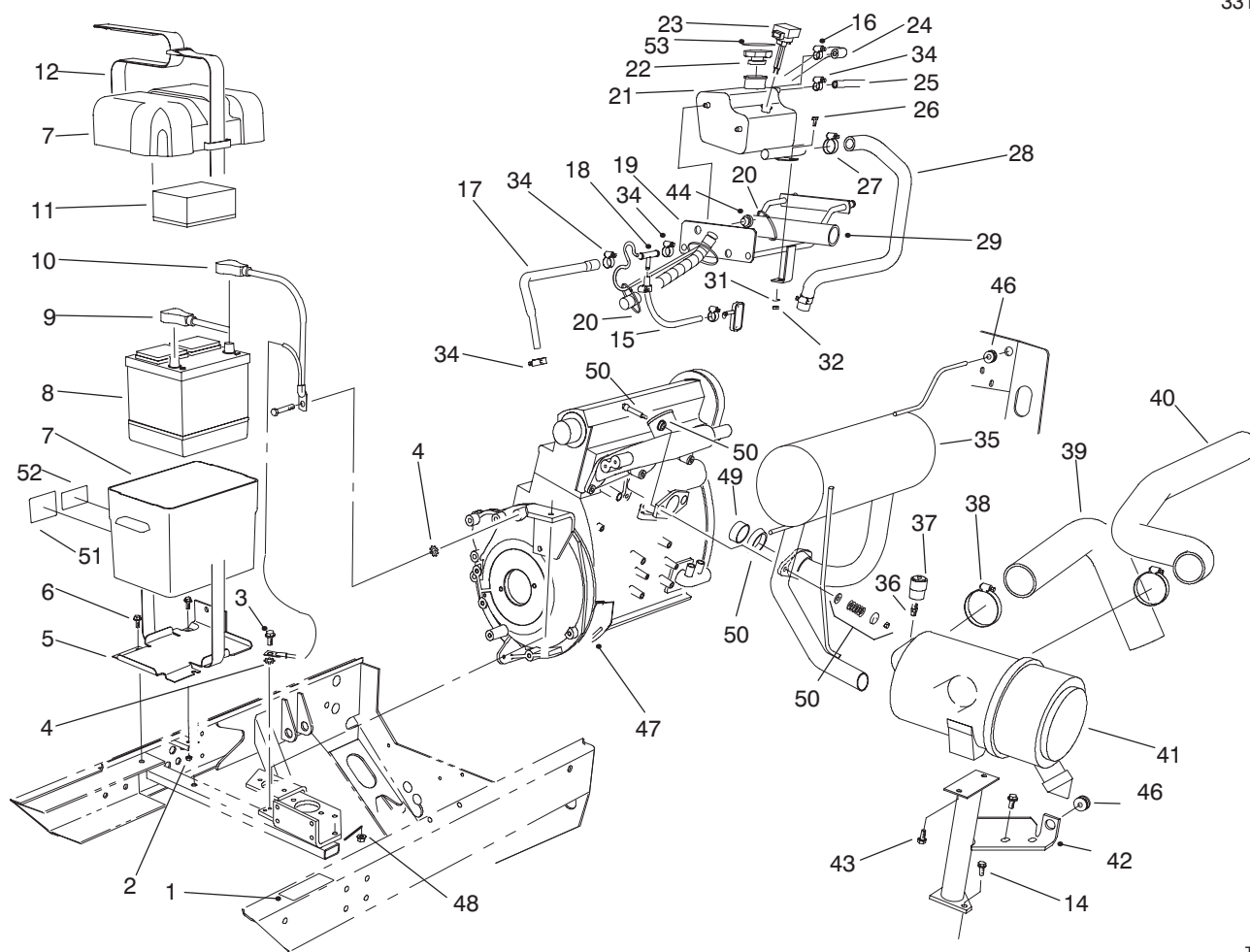


T-0972-1

GLOW PLUG & GLOW RELAY

Ref. No.	Part No.	Description	No. Used
1	76-5260	Relay-Glow Plug	1
2	94-3265	Cable-Glow Plug	4
3	94-3264	Plug-Glow	4
4	76-5290	Washer-Spring	4
5	94-3266	Nut-Hex.	4

Ref. No.	Part No.	Description	No. Used
6	94-3267	Nut-Lock	1
7	76-5310	Washer-E.T.L.W.	1
8	94-3251	Nut-Lock	1
9	74-8710	Washer-E.T.L.W.	1



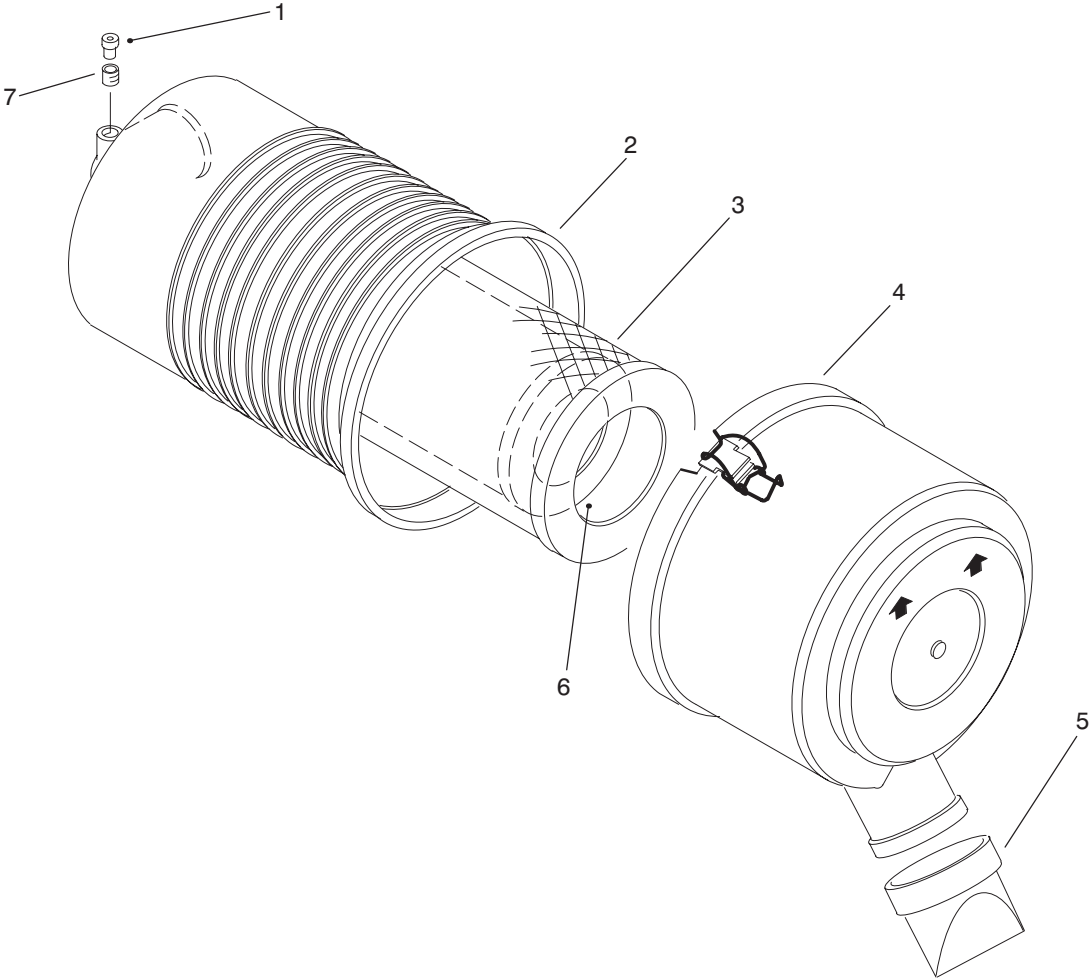
T-2373-3

ENGINE COMPONENTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-9198	Decal-Hot Surface	1	26	33103-020	Screw-Hex. Hd. Flange	1
1	93-1265	Decal-Hot Surface (Europe)	1	27	2412-129	Clamp-Hose	2
1	94-4578	Decal-Hot Surface (Japan)	1	28	93-7589	Hose-Overflow	1
2	3296-29	Nut-Lock	1	29	93-4215	Hose-Radiator, Upper Rear	1
4	3255-9	Washer-Lock, Ext. Tooth	2	31	33093-00	Washer	1
5	93-7974	Plate-Battery, Box	1	32	33023-00	Nut-Lock	1
6	3234-5	Screw-Flange Hd.	3	34	2412-36	Clamp-Hose	4
7	93-7595	Asm-Box, Battery	1	35	93-9178	Muffler	1
†8		Battery	1	*	94-2849	Muffler-Spark Arrestor	1
9	75-1370	Cable-Battery, Positive	1	36	94-1416	Adapter-Indicator	1
10	94-1411	Cable-Battery, Negative	1	37	93-9164	Indicator-Service	1
11	93-7968	Pad-Foam, Battery	1	38	2412-125	Clamp-Hose	2
12	94-1445	Strap-Battery	1	39	94-2624	Hose-Manifold	1
14	33105-030	Screw-Hex. Hd. Flange	2	40	93-7584	Hose-Intake	1
15	63-7622	Hose-Fuel	1	41	93-7485	Asm-Filter, Air	1
16	2412-108	Clamp-Hose	3	42	94-8108	Support-Filter, Air	1
17	94-2630	Hose-Return	1	43	33104-016	Screw-Hex. Hd. Flange	2
18	93-4207	Fitting-Tee	1	†44	94-2801	Grommet-Rubber	2
19	94-1408	Wireform-Overflow	1	46	94-2812	Grommet	2
20	3290-378	Tie-Cable	3	†47	77-3600	Plate-Closing	1
†21	94-9983	Box-Degassing	1	48	33005-00	Nut-Hex. Flange	2
†22	94-2800	Cap-Radiator	1	†49	94-2815	Sleeve-Exhaust Flange	1
22	66-3240	Cap-Radiator (Europe)	1	†50	94-2814	Kit-Exhaust Coupler	1
†23	94-9984	Sensor-Water Level	1	51	93-6668	Decal-Charging (Europe)	1
24	93-7591	Hose-Return	1	52	93-7276	Decal-Danger (Europe)	1
25	92-7424	Hose-Overflow, Radiator	1	53	93-7840	Decal-Cap (Europe)	1

† Furnished with engine.

‡ Obtain locally.

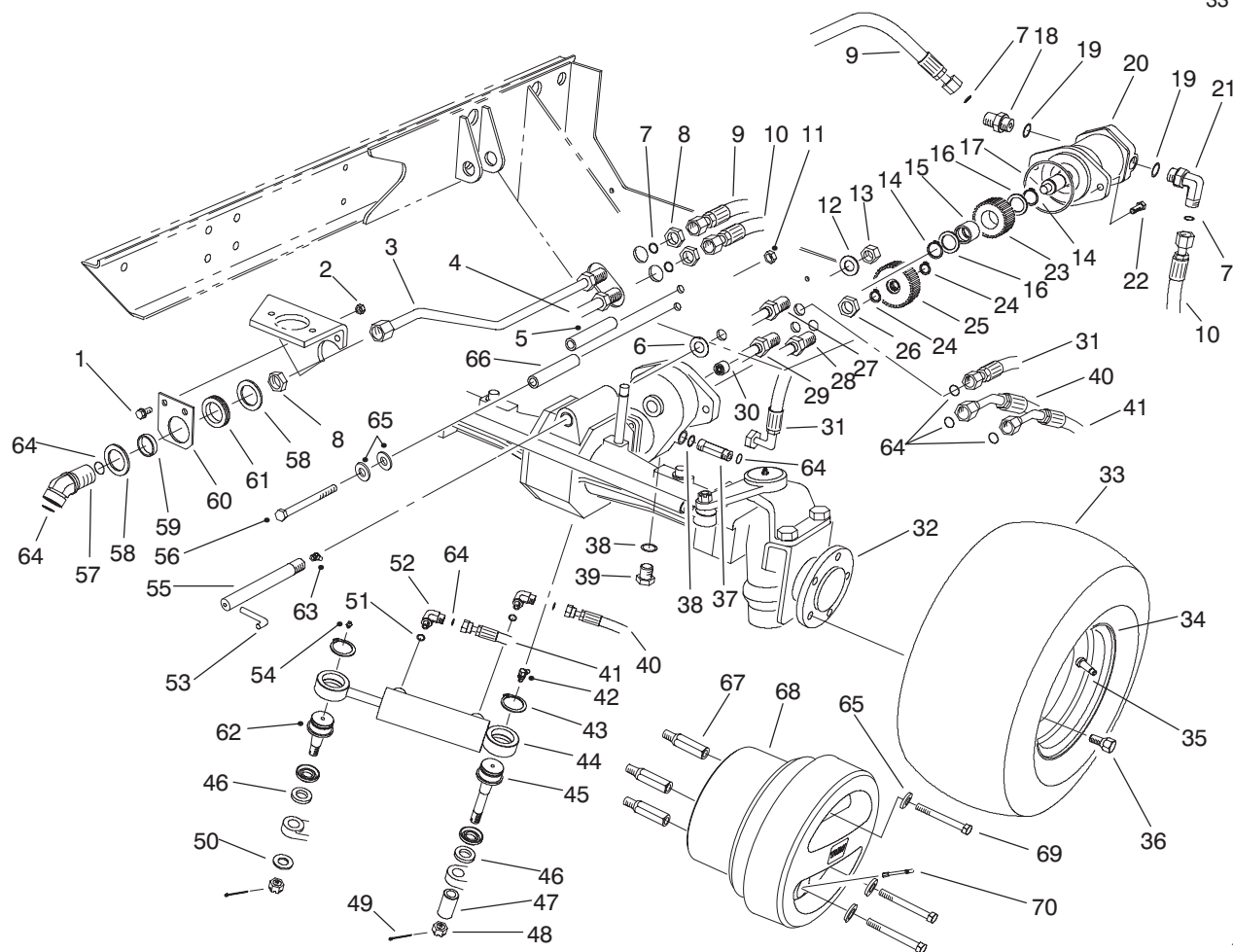


T-2076-1

AIR CLEANER ASSEMBLY NO. 93-7485

Ref. No.	Part No.	Description	No. Used
1	93-9164	Indicator	1
2		Asm-Body	1
3	93-9162	Filter-Primary	1
4	93-5986	Asm-Cover	1

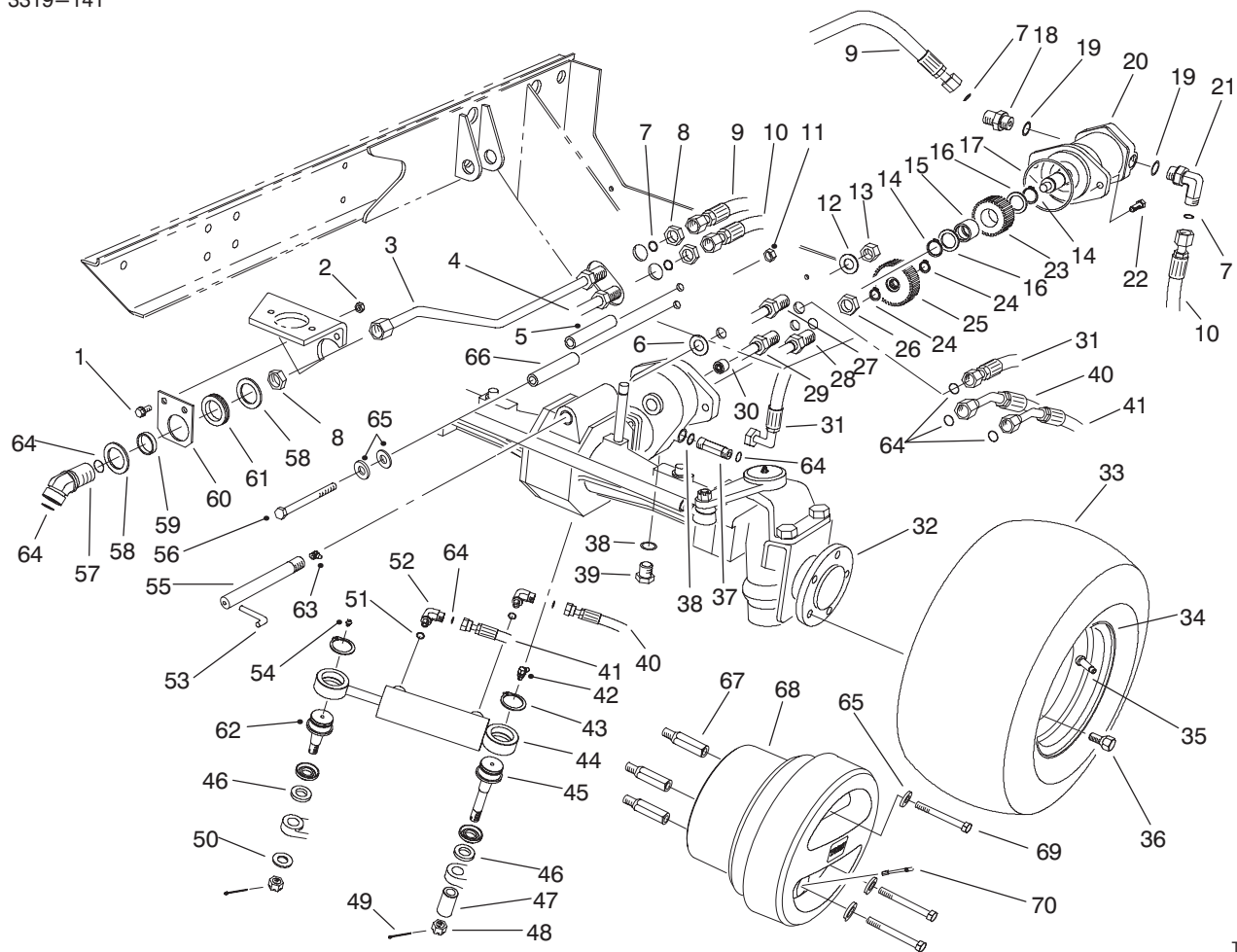
Ref. No.	Part No.	Description	No. Used
5	94-1414	Valve-Vacuator	1
6	93-9163	Filter-Safety	1
7	94-1416	Asm-Adaptor	1



T-2077-5

4-WD AXLE ASSEMBLY (Model No. 03801)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-6	Screw-Hex. Hd.	2	24	32120-15	Ring-Retaining	2
2	32128-21	Nut-Hex. Hd. Flange	2	25	92-7586	Gear-Driven	1
3	92-7472	Asm-Tube, Rear	1	26	340-70	Nut-Lock	2
4	92-7473	Asm-Tube, Rear	1	27	92-7553	Asm-Tube, Rear Drain	1
5	76-8350	Stop-Axle, 4WD	2	28	92-7495	Asm-Tube, Steering	1
6	93-7247	Washer-Thrust	1	29	92-7494	Asm-Tube, Steering	1
7	237-58	O-Ring	6	30	74-5700	Bearing-Needle	1
8	340-126	Nut-Bulkhead	3	31	92-7534	Assembly-Hose	1
9	92-7536	Asm-Hose, Rear Motor	1	32	93-7780	Axle-4WD	1
10	92-7537	Asm-Hose, Rear Motor	1	33	86-5910	Tire	2
11	3296-23	Nut-Lock	2	34	217-125	Wheel	2
12	3256-29	Washer-Flat	1	35	232-27	Stem-Valve	2
13	94-8000	Nut-Lock	1	36	74-5500	Bolt-Wheel	10
14	32151-96	Ring-Retaining	1	37	340-2	Adapter	1
15	71-4580	Clutch-Roller	1	38	237-42	O-Ring	2
16	71-4590	Washer-Thrust	2	39	353-508	Plug	1
17	237-166	O-Ring	1	40	92-7539	Asm-Hose	1
18	340-9	Fitting-Hydraulic (Incl. Ref. #7 & 19)	1	41	92-7538	Asm-Hose	1
19	237-81	O-Ring	2	42	302-60	Fitting-Grease 90°	1
20	92-7386	Motor-Hydraulic	1	43	32151-104	Ring-Retaining	2
21	340-142	Fitting-Hydraulic 90° (Incl. Ref. #7 & 19)	1	44	94-8141	Cylinder-Hydraulic	1
22	325-4	Screw-Hex. Hd.	2	45	92-5839	Ball Joint	1
23	92-7587	Gear-Driver	1	46	92-5833	Spacer-Ball Joint	2
				47	92-5844	Spacer-Ball Joint	1
				48	32136-14	Nut-Hex. Slotted	2



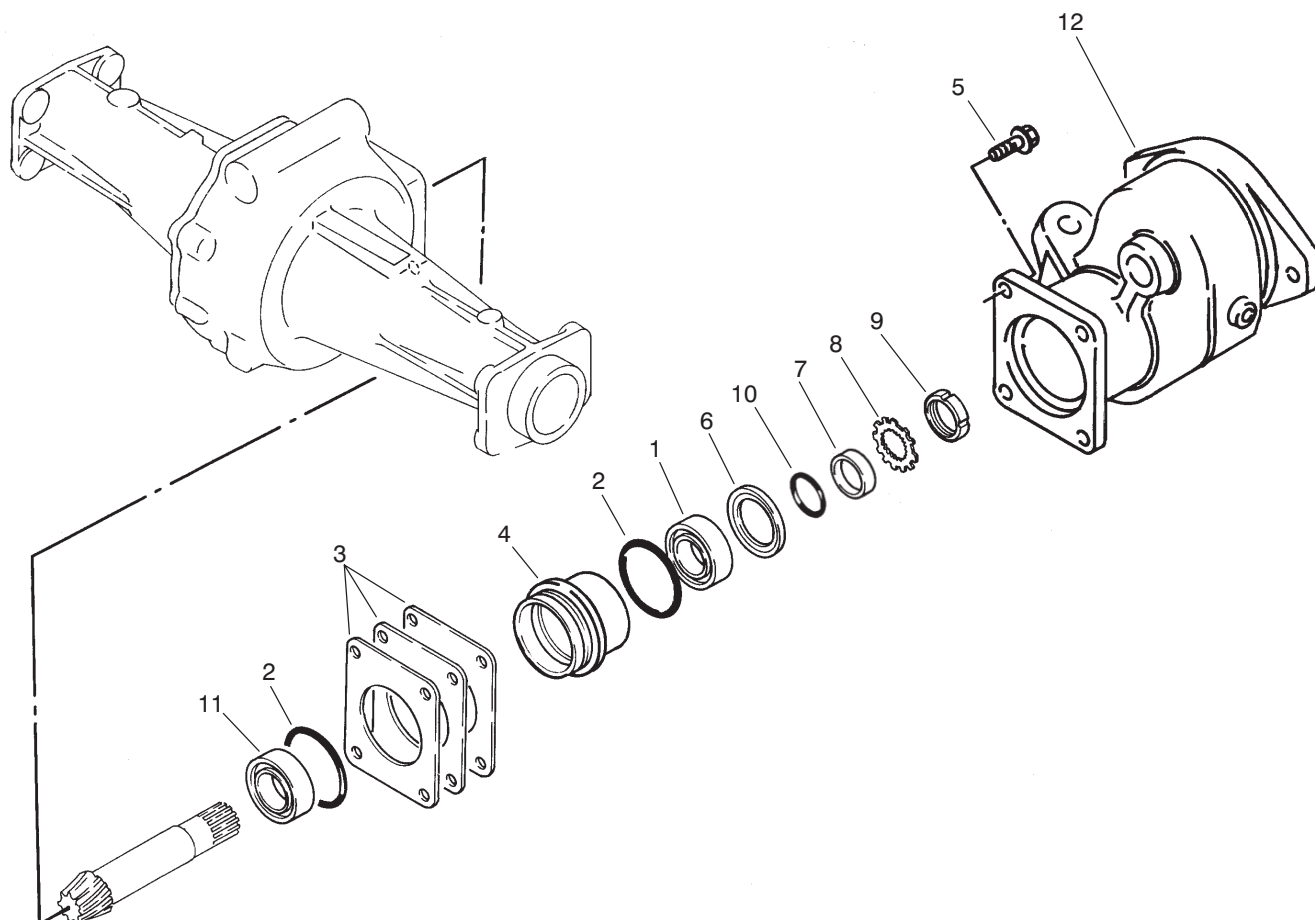
T-2077-5

4-WD AXLE ASSEMBLY (Model No. 03801)

Ref. No.	Part No.	Description	No. Used
49	3272-12	Pin-Cotter	2
50	92-5836	Washer-Axle	1
51	237-78	O-Ring	2
52	340-97	Fitting-Hydraulic 90° (Incl. Ref. #51 & 64)	2
53	92-7604	Pin-Stop	1
54	302-5	Fitting-Grease	1
55	94-8115	Pin-Axle, Pivot	1
56	325-33	Screw-Hex. Hd. 2WD	2
56	325-33	Screw-Hex. Hd. 4WD	4
57	92-7646	Fitting-Hydraulic 45° (Incl. Ref. #7)	1
58	69-8910	Washer	2
59	69-8900	Spacer	1

Ref. No.	Part No.	Description	No. Used
60	92-7552	Bracket-Bulkhead	1
61	240-7	Grommet	1
62	92-5838	Ball Joint	1
63	302-33	Fitting-Grease	1
64	237-22	O-Ring	6
65	3256-26	Washer	1
66	88-1550	Stop-Axle	2
67	94-2806	Adaptor-Nut (Europe)	6
68	94-3052	Weight-Wheel (Europe)	2
69	3256-26	Washer-Flat (Europe)	6
70	3213-14	Screw-HH (Europe)	6
71	94-3063	Extension-Stem, Valve (Europe)	2

*Not Illustrated

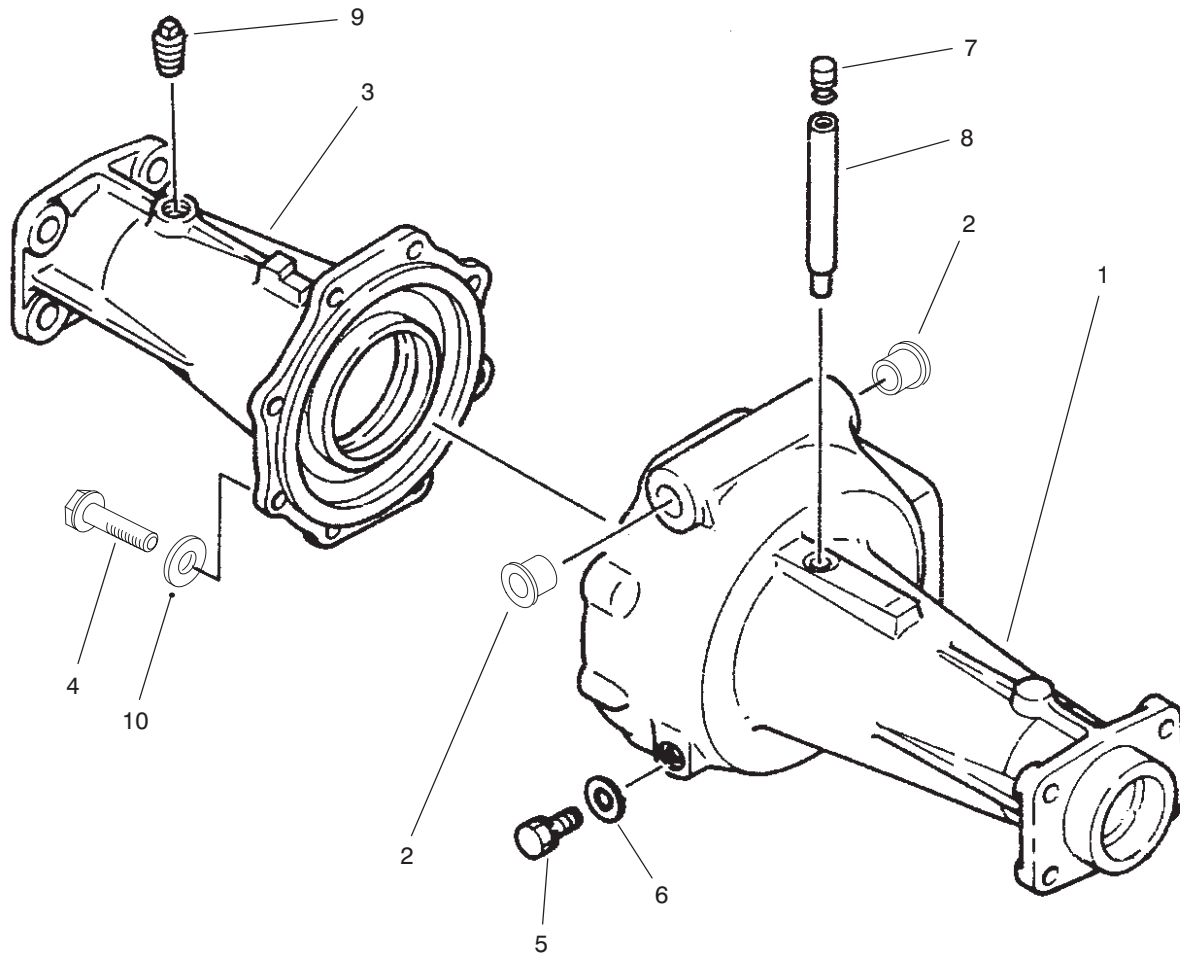


T-1109-3

SLEEVE ASSEMBLY AXLE NO. 93-7780 (Model No. 03801 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-7330	Bearing	1	7	76-7350	Bushing	1
2	76-7400	O-Ring	2	8	76-7380	Washer	1
3	76-7410	Shim-0.1 mm	A/R	9	76-7390	Nut-Lock	1
*	76-7420	Shim-0.2 mm	A/R	10	76-7360	O-Ring	1
*	76-7430	Shim-0.4 mm	A/R	11	76-7370	Bearing	1
4	76-7320	Sleeve	1	12	76-8070	Adapter	1
5	93-7773	Bolt	4	*	77-4010	Shim Set (Incl. Ref. #3)	1
6	76-7340	Seal-Oil	1				

*Not Illustrated



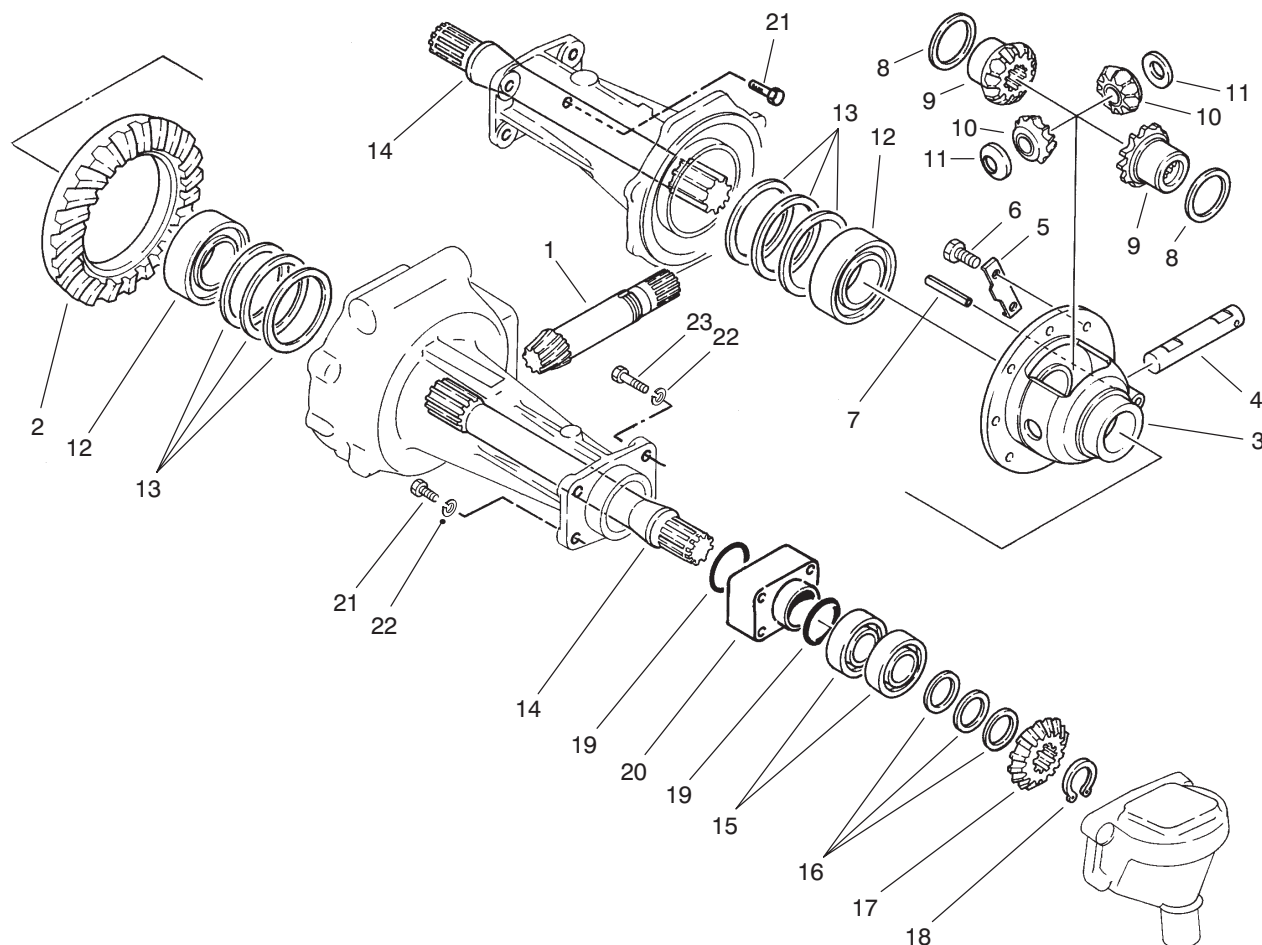
T-1112-3

AXLE HOUSING ASSEMBLY

AXLE NO. 93-7780 (Model No. 03801 Only)

Ref. No.	Part No.	Description	No. Used
1	93-7778	Housing—Axle A	1
2	93-7787	Bushing—Flange	2
3	93-7779	Housing—Axle B	1
4	93-7782	Screw—HHF	8
5	76-7110	Plug	1

Ref. No.	Part No.	Description	No. Used
6	76-7120	Seal—Washer	1
7	76-7480	Plug—Vent	1
8	76-7470	Pipe	1
9	76-7140	Plug	1
10	93-7781	Washer	8

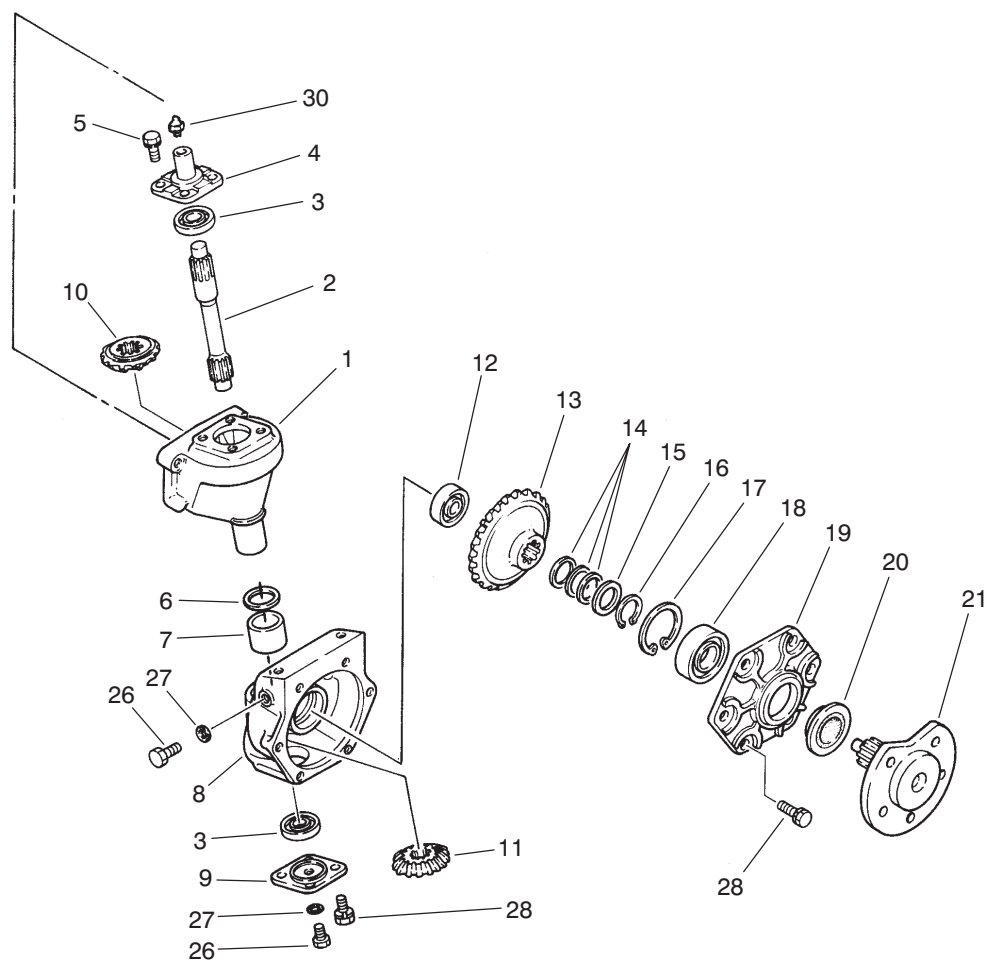


T-1111-2

DIFFERENTIAL & SHAFT ASSEMBLY AXLE NO. 93-7780 (Model No. 03801 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-7250	Shaft-Drive	1	16	76-7520	Shim-0.1 mm	A/R
2	76-7240	Ring-Gear	1	*	76-7530	Shim-0.2 mm	A/R
3	76-7170	Case-Differential	1	*	76-7540	Shim-0.4 mm	A/R
4	76-7200	Shaft-Pinion	1	17	76-7510	Pinion-14T	2
5	76-7230	Washer-Lock	4	18	76-7550	Ring-Retaining	2
6	76-7260	Bolt	8	19	76-7580	O-Ring	4
7	76-7270	Pin-Spring	1	20	76-7590	Spacer	2
8	76-7220	Washer-Thrust	2	21	76-7600	Bolt-Reamer	2
9	76-7190	Gear-Side	2	22	76-7620	Washer-Lock	8
10	76-7180	Pinion-Mate	2	23	76-7610	Bolt	6
11	76-7210	Washer-Thrust	2	*	76-7160	Asm-Gear Case (Incl. Ref. #2-11)	1
12	76-7280	Bearing	2	*	77-4000	Shim Set (Incl. Ref. #13)	1
13	76-7290	Shim-0.1 mm	A/R	*	77-4020	Shim Set (Incl. Ref. #16)	1
*	76-7300	Shim-0.2 mm	A/R				
*	76-7310	Shim-0.3 mm	A/R				
14	76-7490	Shaft-Differential	2				
15	76-7500	Bearing	4				

*Not Illustrated



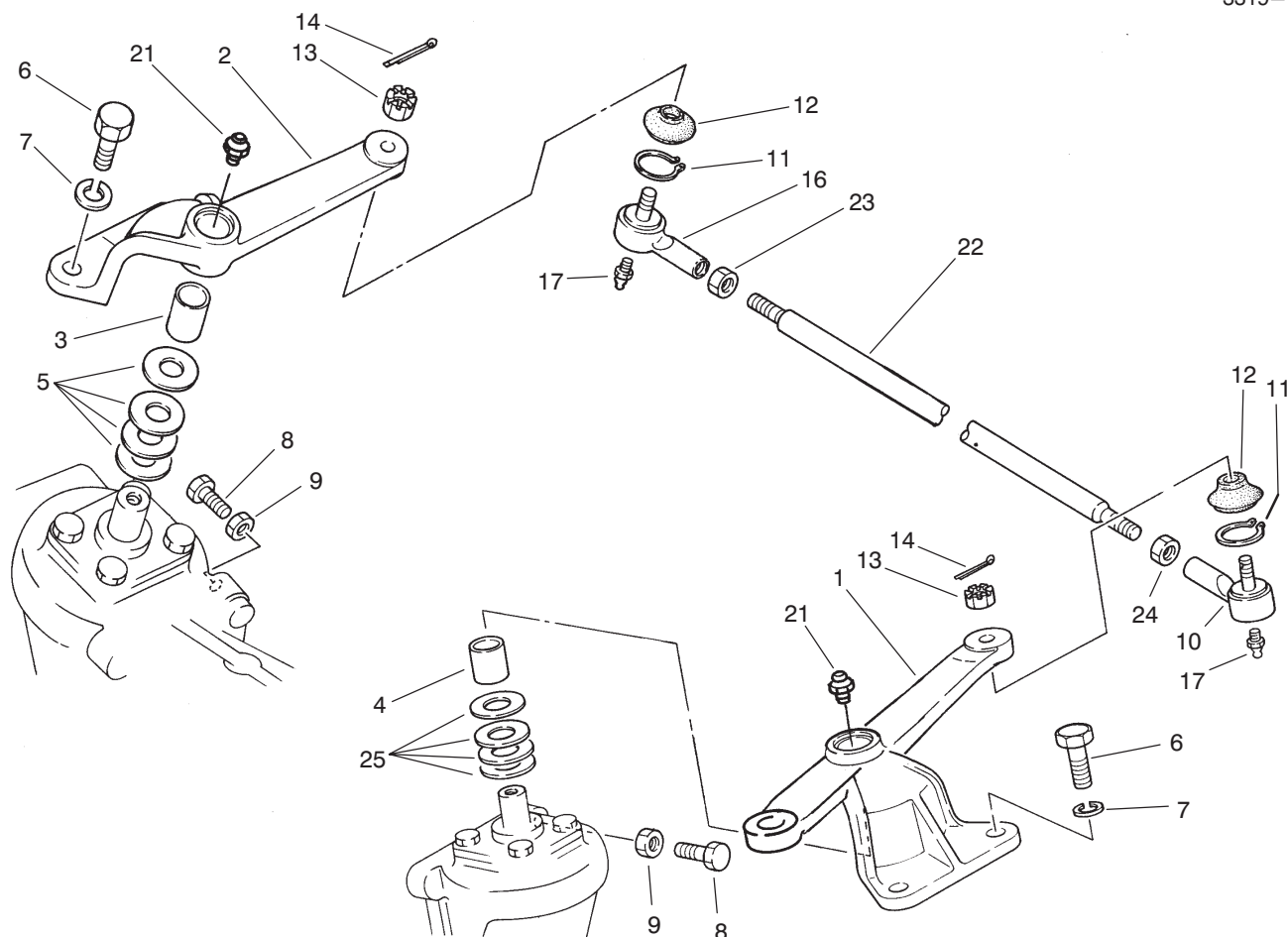
T-1110-1

STEERING GEAR CASE ASSEMBLY AXLE NO. 93-7780 (Model No. 03801 Only)

Ref. No.	Part No.	Description	No. Used
1	76-7560	Case—Gear	2
2	76-7650	Shaft—Final Drive	2
3	76-7670	Bearing	4
4	76-7660	Holder—20 mm L.H.	1
*	76-7630	Holder—25 mm R.H.	1
5	76-7640	Bolt	8
6	76-7740	Seal—Oil	2
7	76-7730	Bushing	2
8	76-7680	Case—Final Drive	2
9	76-7770	Cover	2
10	76-7510	Pinion—14T	2
11	76-7750	Pinion—15T	2
12	94-2803	Bearing	2
13	76-7840	Gear—Bevel	2
14	76-7890	Shim—0.15 mm	A/R
*	76-7900	Shim—0.2 mm	A/R
*	76-7910	Shim—0.4 mm	A/R

Ref. No.	Part No.	Description	No. Used
15	76-7880	Spacer	2
16	76-7920	Ring—Retaining	2
17	76-7930	Ring—Retaining	2
18	93-7775	Bearing	2
19	76-7810	Holder—Bearing	2
20	76-7870	Seal—Oil	2
21	76-7830	Shaft—Wheel	2
26	76-7110	Plug	4
27	76-7120	Seal—Washer	4
28	76-7640	Bolt	20
30	76-7960	Fitting—Grease	2
*	77-4030	Shim Set (Incl. Ref. #14)	1

*Not Illustrated

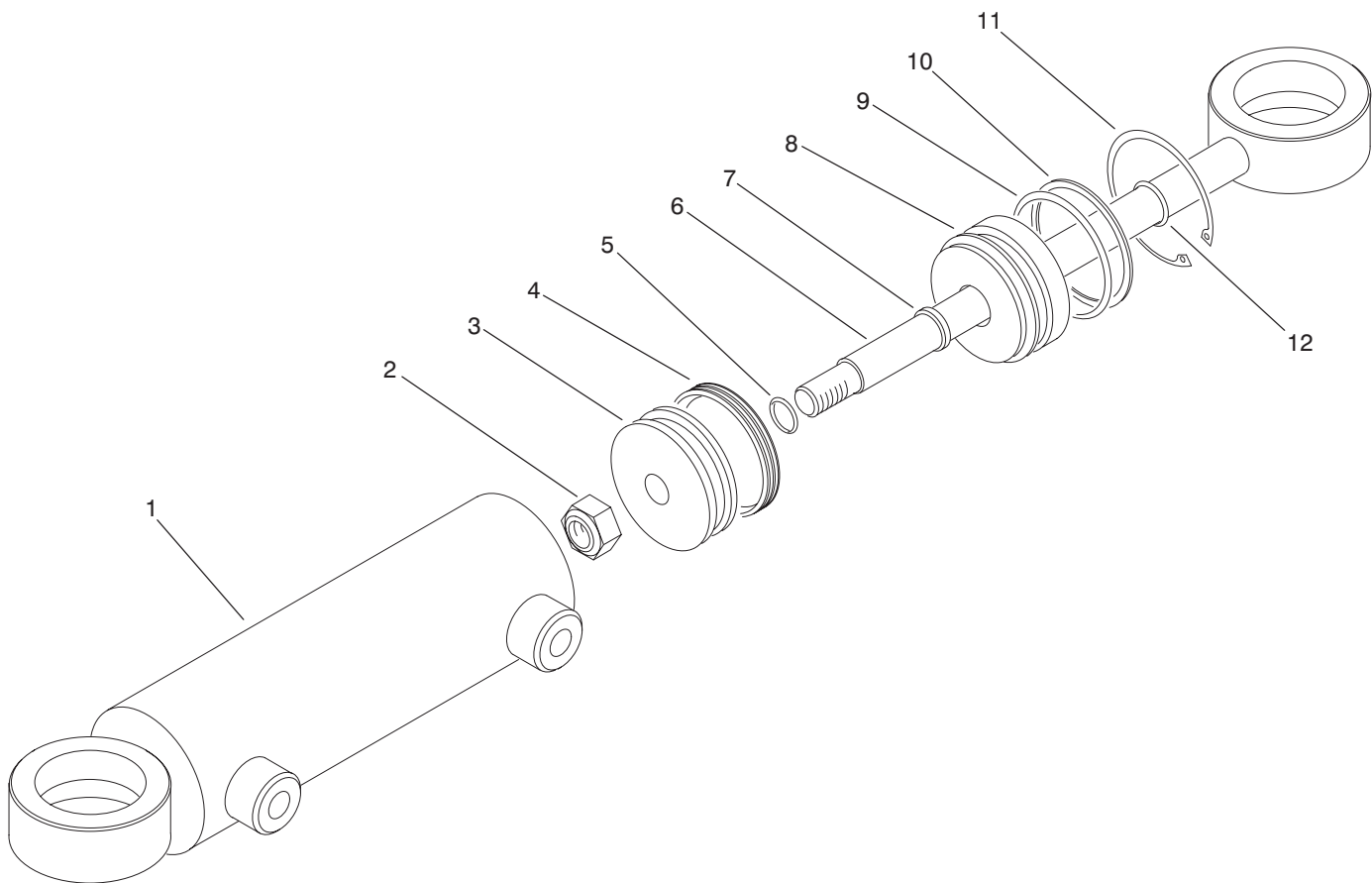


T-1108-1

STEERING ARM LINKAGE AXLE NO. 93-7780 (Model No. 03801 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-8018	Arm-Drag Link	1	14	3272-7	Pin-Cotter	2
2	94-8019	Arm-Tie Rod	1	16	76-8050	Asm-R.H. Rod End (Incl. Ref. #11-14 & 17)	1
3	76-4260	Bushing	1	17	93-7786	Fitting-Grease	2
4	76-7950	Bushing	1	21	76-7960	Fitting-Grease	2
5	76-7820	Shim-1.0 mm	A/R	22	76-8020	Rod-Tie	1
*	76-7970	Shim-1.4 mm	A/R	23	76-8060	Nut-R.H.	1
*	76-7980	Shim-1.2 mm	A/R	24	76-8040	Nut-L.H.	1
*	76-7990	Shim-.08 mm	A/R	25	76-7700	Shim-0.8 mm	A/R
6	76-8000	Bolt	4	*	76-7760	Shim-1.0 mm	A/R
7	76-8010	Washer	2	*	76-7780	Shim-1.2 mm	A/R
8	76-7710	Bolt	2	*	76-7790	Shim-1.4 mm	A/R
9	76-7720	Nut	4	*	77-4050	Shim Set (Incl. Ref. #5)	1
10	76-8030	Asm-L.H. Rod End (Incl. Ref. #11-14 & 17)	1	*	77-4040	Shim Set (Incl. Ref. #25)	1
11	93-7783	Ring-Retaining	2				
12	93-7784	Cover	2				
13	93-7785	Nut-Slotted	2				

*Not Illustrated



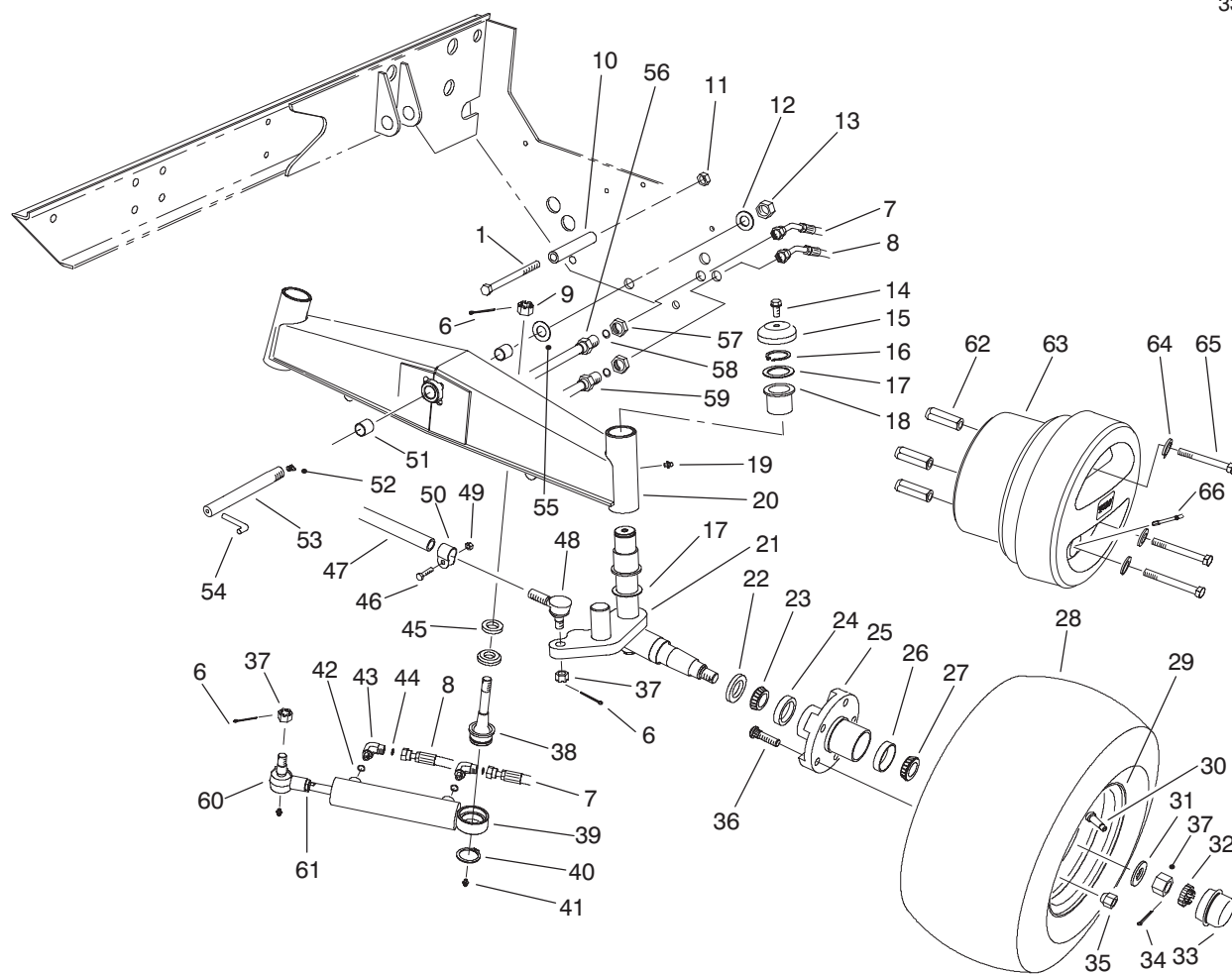
T-2452-1

HYDRAULIC CYLINDER NO. 94-8141 (Model No. 03801)

Ref. No.	Part No.	Description	No. Used
1	94-9955	Asm-Barrel	1
2	32152-10	Nut-Lock	1
3	94-9957	Piston	1
4		Uniring	1
5		O-Ring	1
6	94-9956	Asm-Piston Rod	1
7		Seal-Rod	1
8	94-9958	Gland-Cylinder	1

Ref. No.	Part No.	Description	No. Used
9		O-Ring	1
10		Backup	1
11	32120-8	Ring-Retaining	1
12		O-Ring	1
*	86-5390	Kit-Seal (Incl. Ref. #4, 5, 7, 9, 10 & 12)	1

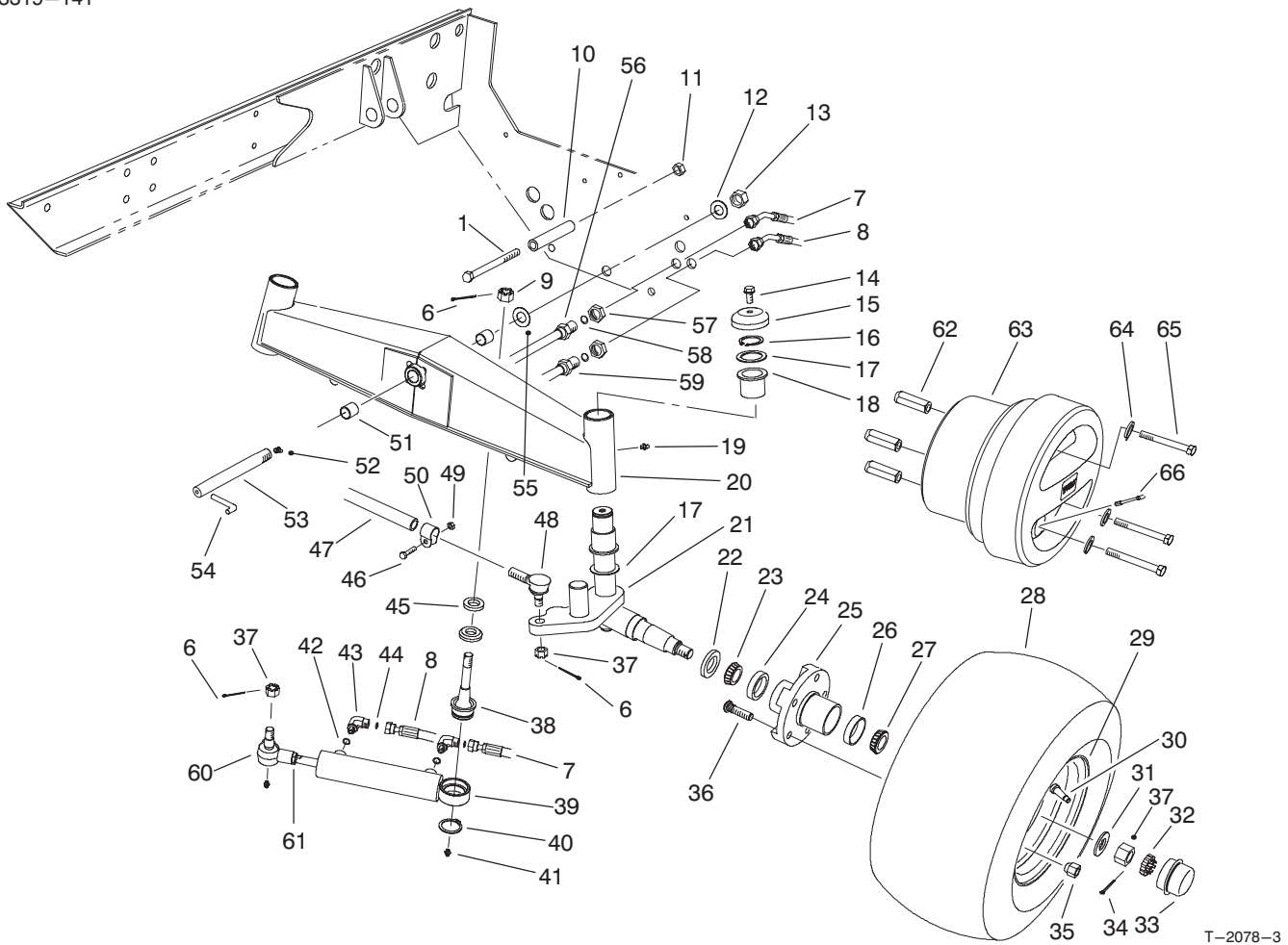
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T-2078-3

2-WD REAR AXLE ASSEMBLY (Model No. 03800)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	325-20	Screw-Hex. Hd.	2	28	86-5910	Tire	2
6	3272-12	Pin-Cotter	2	29	217-125	Wheel	2
7	92-7594	Asm-Hose	1	30	232-27	Stem-Valve	2
8	92-7595	Asm-Hose	1	31	93-0309	Washer-Tab	2
9	32136-14	Nut-Hex. Slotted	4	32	93-0307	Nut-Retainer	2
10	76-8350	Stop-Axle	2	33	69-2970	Cap-Hub	2
11	3296-45	Nut-Lock	2	34	3272-13	Pin-Cotter	2
12	3256-29	Washer-Flat	1	35	242-50	Nut-Lug	10
13	94-8000	Nut-Lock	1	36	92-9652	Stud-Drive	10
14	3234-12	Screw-Hex. Hd. Flange	2	37	3220-7	Nut-Jam	2
15	69-8890	Cap-Spindle	2	38	92-5839	Ball Joint	1
16	32151-10	Ring-Retaining	2	39	94-8142	Asm-Cylinder	1
17	62-2170	Washer-Thrust	4	40	94-9973	Ring-Retaining	1
18	69-6470	Bushing-Flange	4	41	302-5	Fitting-Grease	1
19	302-11	Fitting-Grease	2	42	237-78	O-Ring	2
20	94-5607	Asm-Axle, Rear (Incl. Ref. #18, 19 & 51)	1	43	340-97	Fitting-Hydraulic 90° (Incl. Ref. #42 & 44)	2
21	92-9725	Spindle-LH	1	43	340-97	Fitting-Hydraulic 90° (Incl. Ref. #42 & 44)	2
*	92-9724	Spindle-RH	1	44	237-22	O-Ring	2
22	69-2980	Seal-Inner	2	45	92-5833	Spacer-Ball Joint	1
23	254-106	Cone-Bearing	2	46	3210-5	Screw-Hex. Hd.	2
24	254-107	Cup-Bearing	2	47	74-5940	Asm-Rod, Tie	1
25	92-9651	Asm-Hub (Incl. Ref. #24, 26, & 36)	2	48	2411-46	Joint-Ball, LH (Incl. Ref. #6)	1
26	254-72	Cup-Bearing	2				
27	254-92	Cone-Bearing	2				

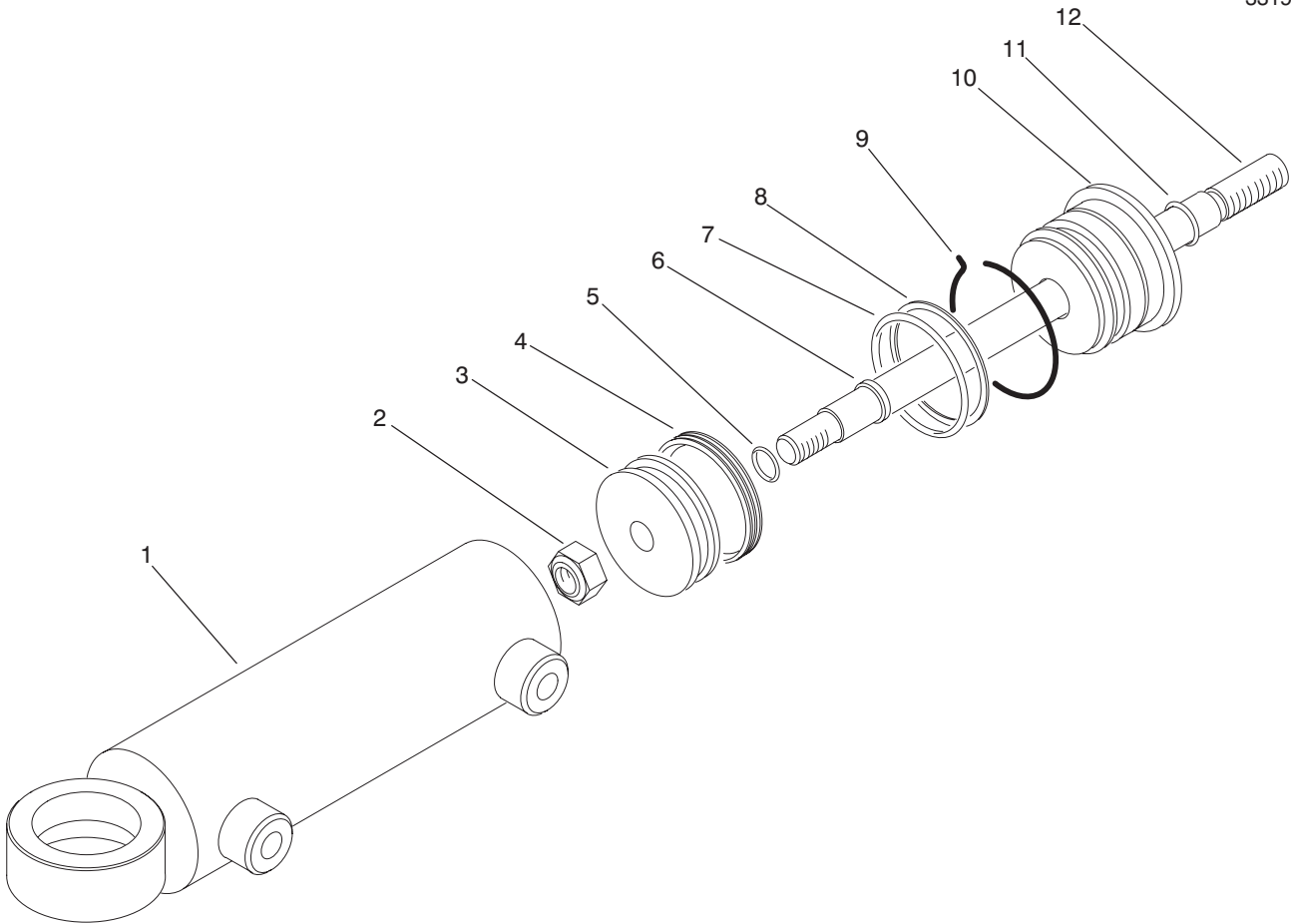


T-2078-3

2-WD REAR AXLE ASSEMBLY (Model No. 03800) (Cont.)

Ref. No.	Part No.	Description	No. Used
48	2411-45	Joint-Ball, RH (Incl. Ref. #6)	1
49	32152-5	Nut-Lock	2
50	2412-122	Asm-Clamp (Incl. Ref. #46 & 49)	2
51	94-5603	Bushing-Sleeve	2
52	302-33	Fitting-Grease 90°	1
53	94-8115	Pin-Axle, Pivot	1
54	92-7604	Pin-Stop	1
55	93-7247	Washer-Thrust	1
56	92-7495	Asm-Tube, Steering Rear	1

Ref. No.	Part No.	Description	No. Used
57	340-70	Nut-Lock, Bulkhead	2
58	237-22	O-Ring	2
59	92-7494	Asm-Tube, Steering Rear	1
60	92-5837	Asm-Rod End	1
61	3220-11	Nut-Jam	1
62	94-2807	Adaptor-Nut (Europe)	6
63	94-3052	Weight-Wheel (Europe)	2
64	3256-26	Washer-Flat (Europe)	6
65	3213-14	Screw-HH (Europe)	6
66	94-3063	Extension-Stem, Valve (Europe)	2



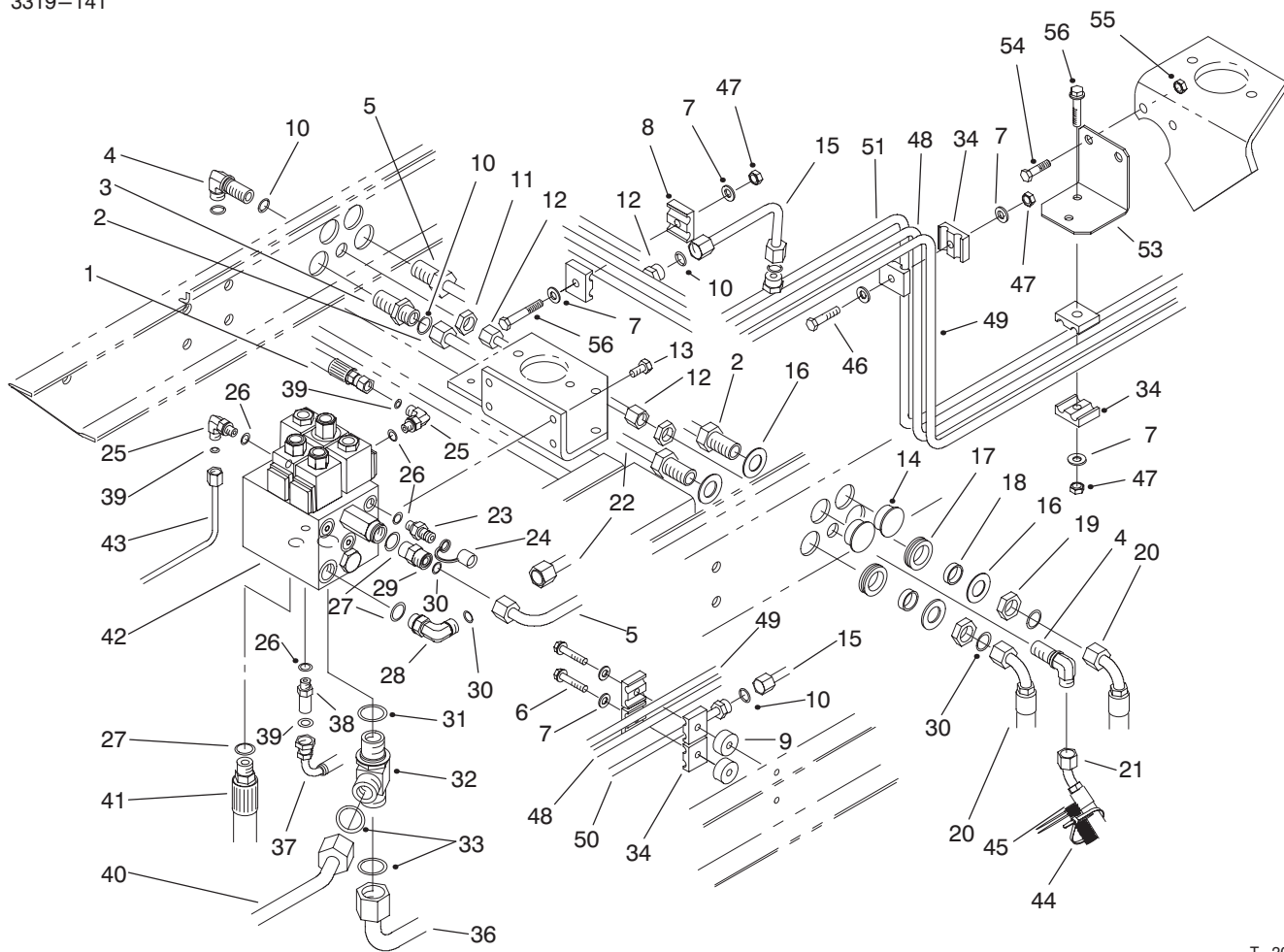
T-2453-1

HYDRAULIC CYLINDER NO. 94-8142 (Model No. 03800)

Ref. No.	Part No.	Description	No. Used
1	94-9959	Asm-Barrel	1
2	32152-10	Nut-Lock	1
3	94-9961	Piston	1
4		Uniring	1
5		O-Ring	1
6		Seal-Rod	1
7		O-Ring	1

Ref. No.	Part No.	Description	No. Used
8		Backup	1
9	94-9963	Ring-Retaining	1
10	94-9962	Gland-Cylinder	1
11		O-Ring	1
12	94-9960	Asm-Rod, Piston	1
*	94-9964	Kit-Seal (Incl. Ref. #4-8, & 11)	1

*Not Illustrated

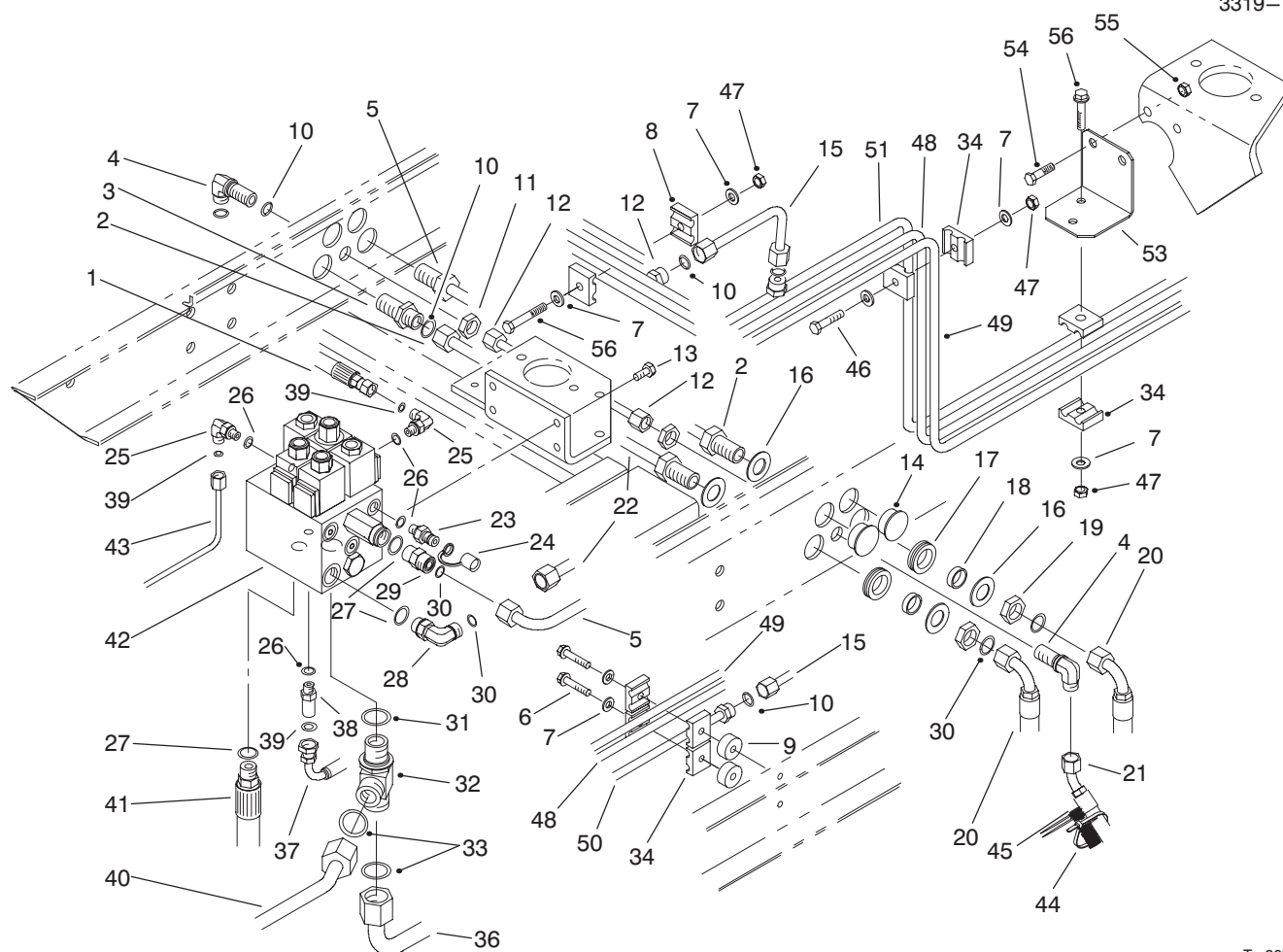


T-2079-1

REAR HYDRAULIC CONTROL BLOCK & TUBES

Ref. No.	Part No.	Description	No. Used
1	92-7638	Asm-Hose	1
2	92-7648	Asm-Hose	1
3	340-161	Fitting-Adapter (Incl. Ref. #30)	1
4	340-154	Fitting-Hydraulic 90° (Incl. Ref. #10)	2
5	92-7584	Asm-Tube	1
6	32104-37	Screw-Hex. Hd.	2
7	3256-23	Washer-Flat	8
8	56-7972	Clamp-Tube	2
9	80-8660	Spacer	2
10	237-22	O-Ring	2
11	340-70	Nut-Bulkhead	7
12	92-7647	Asm-Tube, Drain	1
13	33104-025	Screw-Hex. Hd. Flange	4
14	94-1402	Plug	4
15	93-4205	Asm-Tube, Drain (Model 03800)	1
15	93-4206	Asm-Tube, Drain (Model 03801)	1
16	69-8930	Washer	8
17	240-5	Grommet	4
18	69-8960	Spacer	4
19	340-127	Nut-Bulkhead	4
20	92-7649	Asm-Hose	4
21	93-4201	Asm-Hose	2

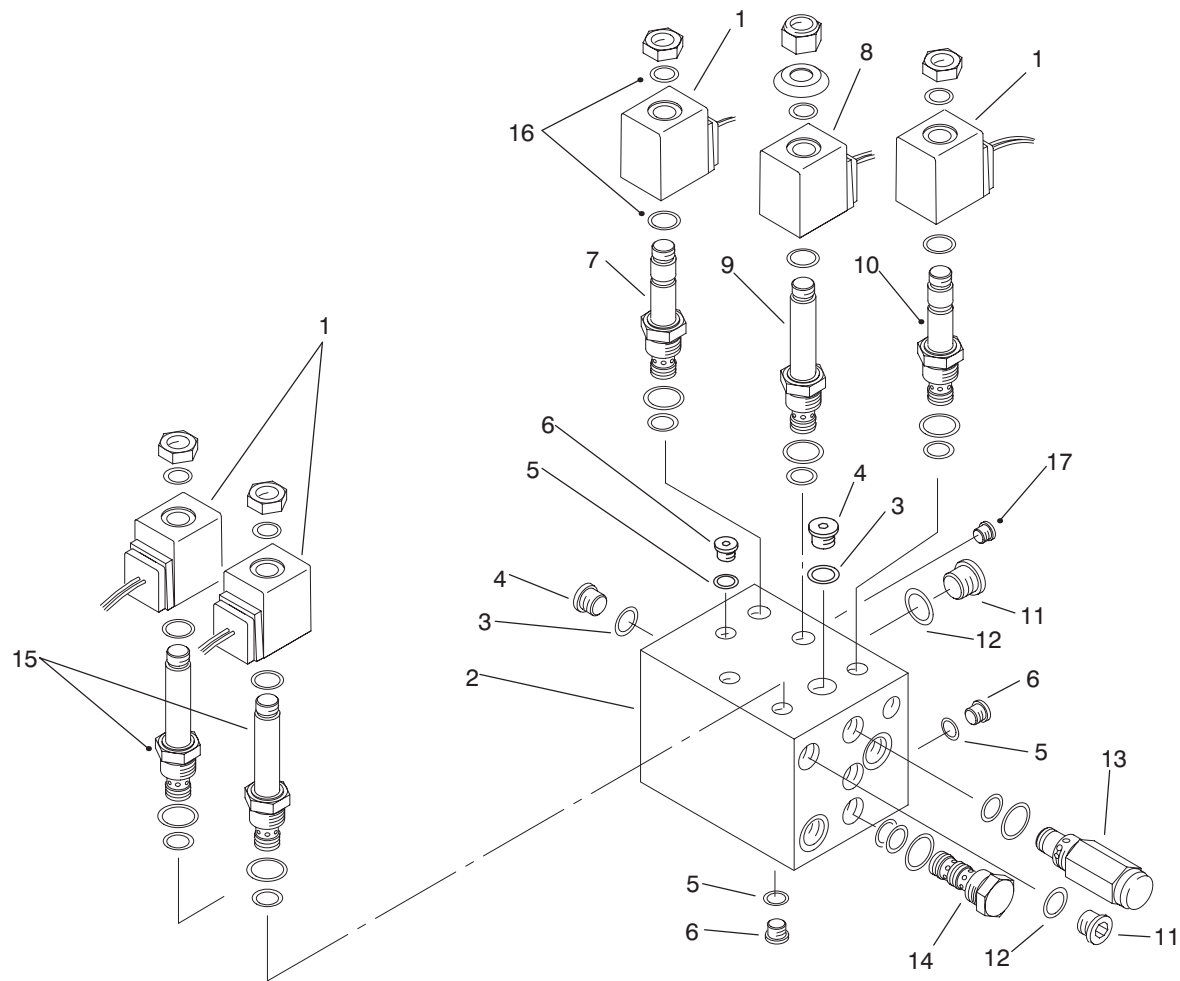
Ref. No.	Part No.	Description	No. Used
22	92-7585	Asm-Tube	1
23	354-77	Fitting-Quick Connect (Incl. Ref. #26)	1
24	354-79	Cap-Fitting	1
25	340-132	Fitting-Hydraulic 90° (Incl. Ref. #26 & 39)	2
26	237-78	O-Ring	4
27	237-79	O-Ring	3
28	340-98	Fitting-Hydraulic 90° (Incl. Ref. #27 & 30)	1
29	340-4	Fitting-Hydraulic (Incl. Ref. #27 & 30)	1
30	237-30	O-Ring	6
31	237-81	O-Ring	1
32	340-148	Fitting-Tee (Incl. Ref. #31, 33)	1
33	237-58	O-Ring	2
34	56-7973	Clamp-Tube	10
36	92-7558	Asm-Tube, Cooler Rear	1
37	92-7639	Asm-Hose	1
38	94-1403	Fitting-Hydraulic (Incl. Ref. #26 & 39)	1
39	237-21	O-Ring	2
40	92-7557	Asm-Tube, Cooler Front	1
41	92-7492	Asm-Hose	1
42	92-7419	Asm-Block, Manifold	1



T-2079-1

REAR HYDRAULIC CONTROL BLOCK & TUBES (Cont.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
43	92-7591	Asm—Tube, P2A	1	51	92-7553	Asm—Tube, Rear Drain (Model 03801)	1
44	3290-378	Tie—Cable	6	52	237-42	O—Ring	2
45	94-3090	Harness—Wire, Main	1	53	94-2834	Bracket—Clamp	1
46	322-6	Screw—HH	1	54	323-6	Screw—Hex. Hd.	2
47	3296-47	Nut—Lock	4	55	32128-21	Nut—Lock	2
48	92-7494	Asm—Tube, Steering, Rear	1	56	322-7	Screw—Hex. Hd.	3
49	92-7495	Asm—Tube, Steering, Rear	1				
50	92-7598	Asm—Tube, Front Drain	1				



T-2080-1

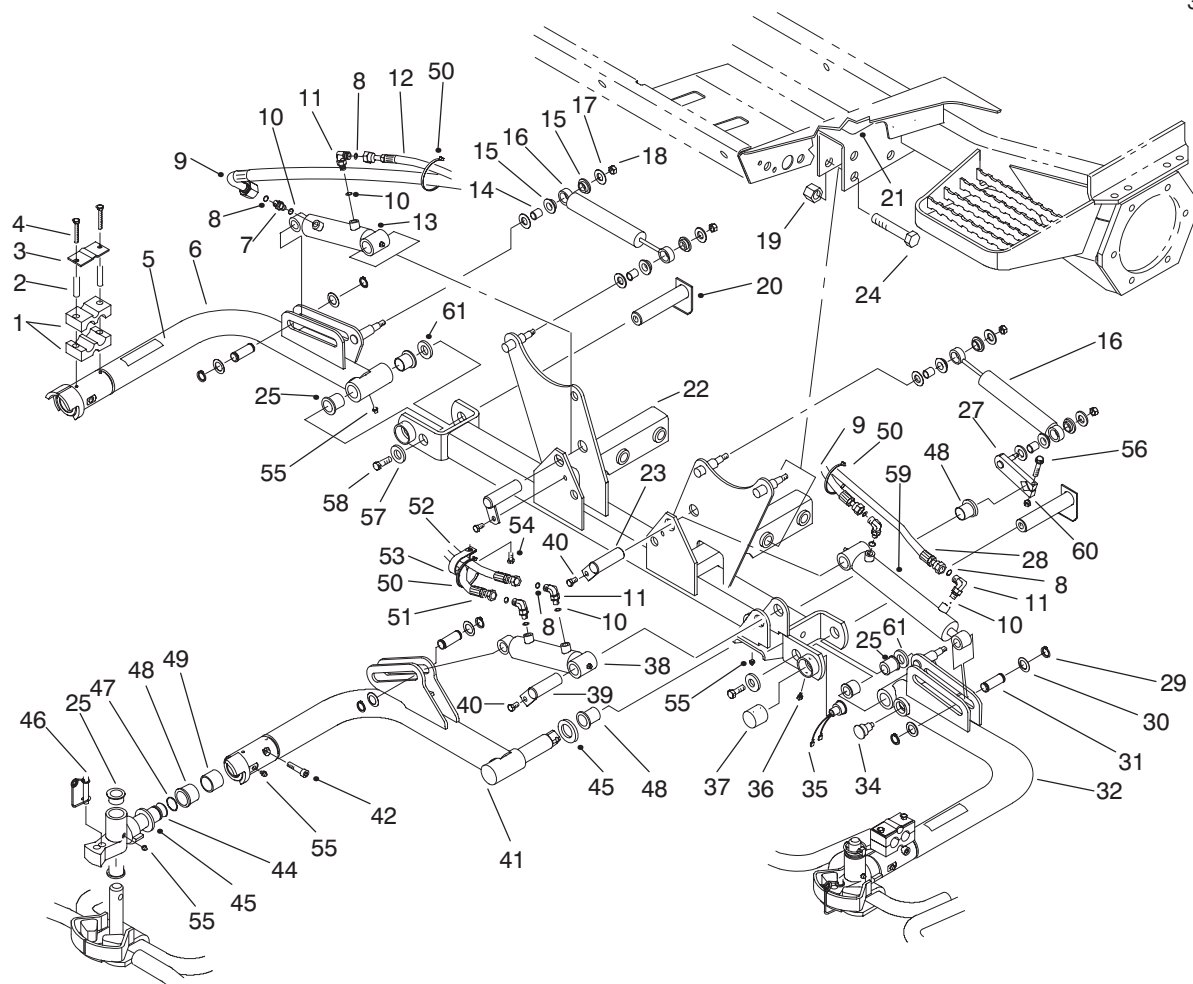
MANIFOLD ASSEMBLY NO. 92-7419

Ref. No.	Part No.	Description	No. Used
1	88-9190	Solenoid—20 Watt	4
†2		Block—Manifold, Rear	1
3	237-78	O-Ring	4
4	353-990	Plug (Incl. Ref. #30)	4
5	237-56	O-Ring	4
6	353-991	Plug (Incl. Ref. #5)	4
7	88-6990	Cartridge—N.C. Spool (Use Seal Kit 75-2080)	1
8	88-9200	Solenoid—28 Watt	1
9	95-3459	Cartridge—No Flow (Use Seal Kit 75-2080)	1
10	88-6980	Cartridge—N.C. Poppet (Use Seal Kit 75-2080)	1

Ref. No.	Part No.	Description	No. Used
11	353-989	Plug (Incl. Ref. #12)	5
12	237-42	O-Ring	5
13	75-0920	Cartridge—Relief 3000 psi (Use Seal Kit 75-2080)	1
14	93-7491	Cartridge—Pilot Check (Use Seal Kit 69-4260)	1
15	93-7494	Cartridge—N.O. Poppet (Use Seal Kit 75-2080)	2
16	94-5438	Seal—Solenoid	10
17	94-2626	Plug—Orifice	1
*	75-2080	Seal Kit	5
*	69-4260	Seal Kit	1

*Not Illustrated

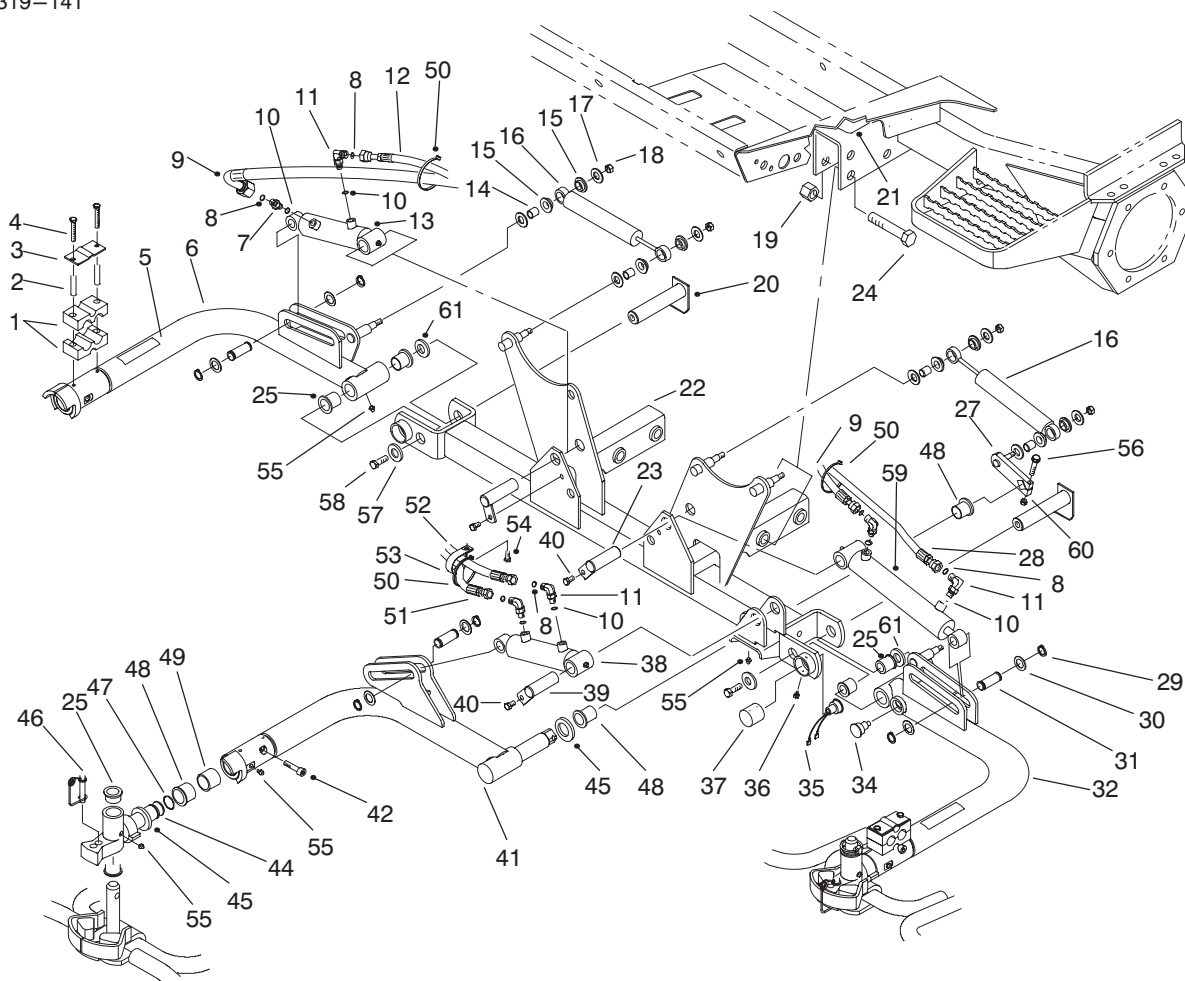
†Not Serviced Separately



T-2081-1

FRONT LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	82-8170	Clamp	6	22	93-2649	Asm-Frame, Carrier	1
2	93-7960	Spacer	6	23	83-6780	Pin-Cylinder	2
3	93-7961	Clamp-Drain, Case	3	24	328-7	Screw-Hex. Hd.	4
4	60-6700	Screw-Hex. Hd.	6	25	94-8949	Bushing-Flange	12
5	36-3400	Decal-Warning	2	27	94-1425	Bar-Lift, Center	1
5	93-6687	Decal-No Step (Europe)	2	28	82-6490	Asm-Hose	1
5	84-2780	Decal-No Step (Japan)	2	29	94-9974	Ring-Retaining	6
6	93-9194	Lift Arm #5	1	30	94-9998	Washer-Thrust	6
7	340-92	Fitting-Hydraulic (Incl. Ref. #8 & 10)	1	31	75-5350	Pin-Cylinder, Slide	3
8	237-21	O-Ring	6	32	93-9193	Lift Arm #4	1
9	75-5890	Hose	2	34	92-8754	Magnet-Switch, Reed	1
10	237-78	O-Ring	6	35	92-8002	Sensor-Switch, Reed	1
11	340-132	Fitting-Hydraulic 90° (Incl. Ref. #8 & 10)	5	36	32104-76	Screw-Self Tapping	2
12	92-7564	Asm-Hose	1	37	75-6370	Cap-Sensor	1
13	93-7551	Cylinder-Hydraulic	1	38	93-2650	Cylinder-Hydraulic	1
14	256-172	Bushing	6	39	83-6790	Pin-Short, Cylinder	1
15	94-1430	Bushing-Flange	12	40	32144-14	Screw-Hex. Hd.	3
16	93-4224	Absorber-Shock	3	41	93-9190	Lift Arm #1	1
17	69-8980	Washer-Flat	12	42	93-4234	Screw-Socket Hd.	3
18	33025-00	Nut	6	44	93-9181	Knuckle-Pivot	3
19	3296-51	Nut-Lock	4	45	94-8946	Washer-Thrust	3
20	95-3461	Pin	2	46	93-9161	Pin	3
21	88-0440	Decal-Floor Plate	1	47	93-7524	O-Ring	3
21	93-6693	Decal-Floor Plate (Europe)	1	48	94-8947	Bushing-Flange	5
21	88-1900	Decal-Floor Plate (Japan)	1	49	94-8948	Bushing	3
				50	3290-378	Tie-Cable	3
				51	92-7565	Asm-Hose	1

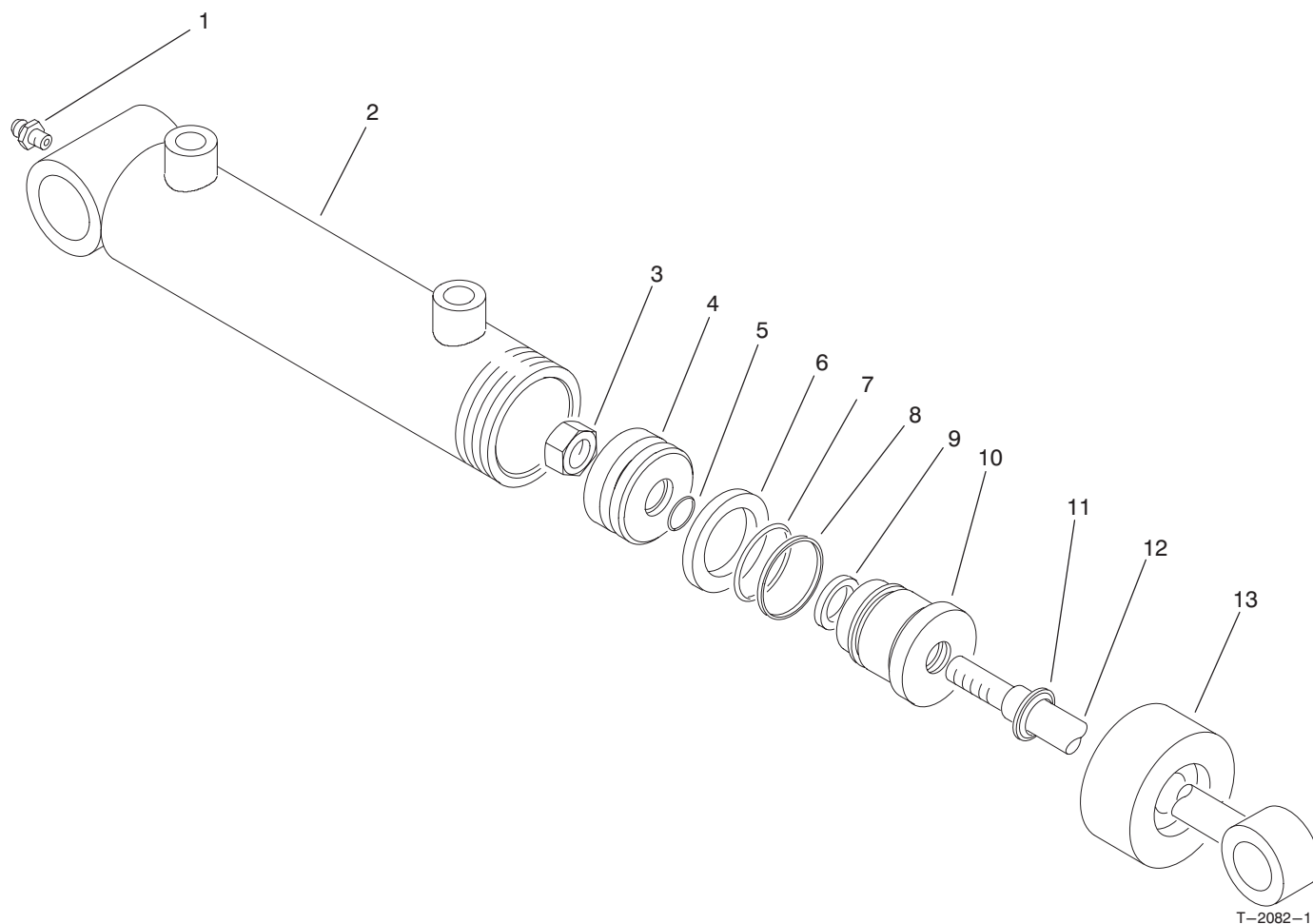


T-2081-1

FRONT LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	92-7562	Asm—Hose	1
53	2412-96	Clamp	1
54	322-4	Screw—HH	1
55	302-5	Fitting—Grease	9
56	33104-060	Screw—HH	1

Ref. No.	Part No.	Description	No. Used
57	53-6380	Washer—Flat	2
58	33105-040	Screw—HH	2
59	93-7555	Cylinder—Hydraulic	1
60	33024-00	Nut	1
61	3256-42	Washer—Flat	2



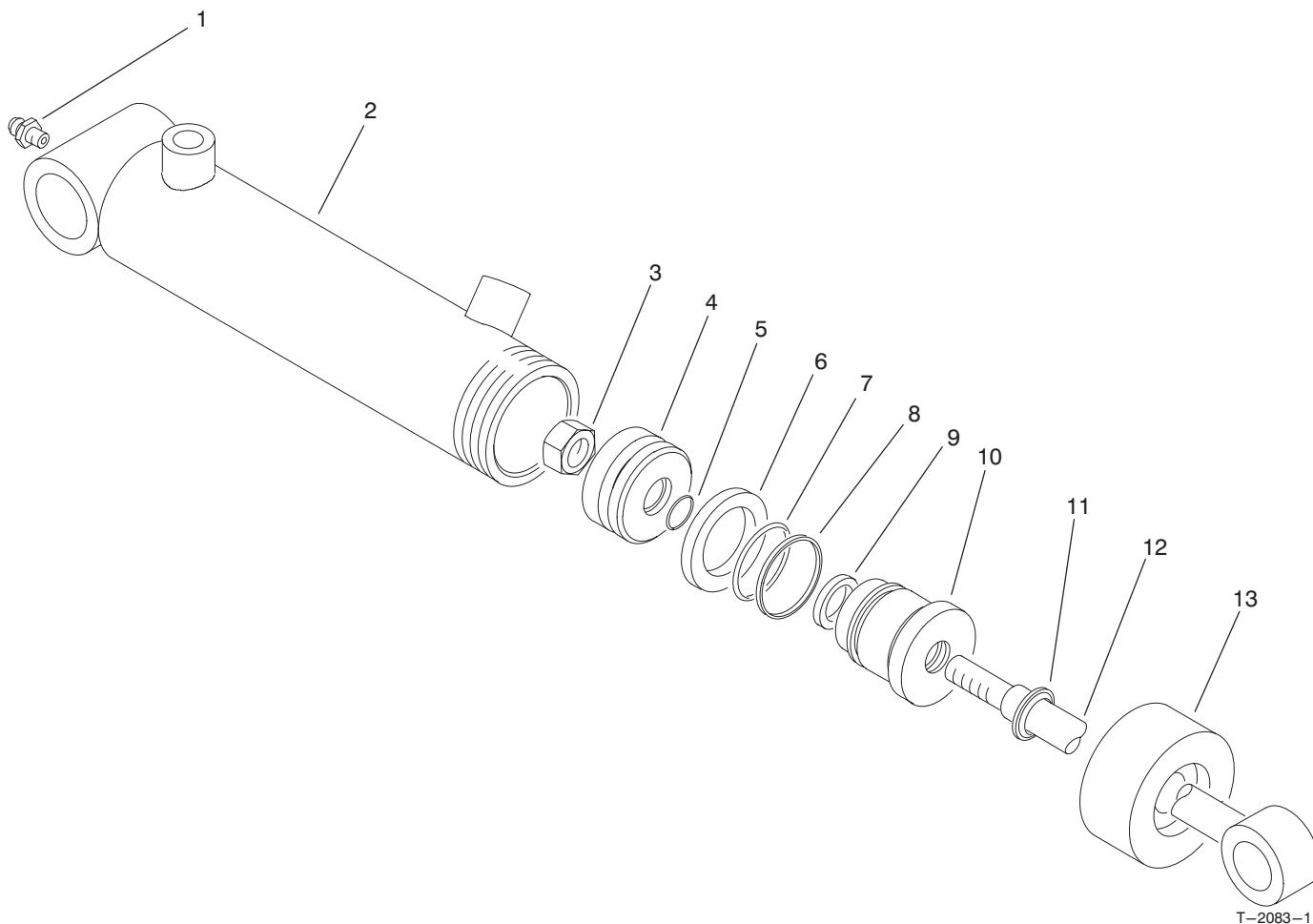
HYDRAULIC CYLINDER NO. 93-7555

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting—Grease	1
†2		Assembly—Barrel	1
3	32152-10	Nut—Lock	1
4	70-2780	Piston	1
†5		O—Ring	1
†6		Seal—Special	1
†7		O—Ring	1
†8		Backup	1

Ref. No.	Part No.	Description	No. Used
†9		Seal—Rod	1
10	93-7990	Head	1
†11		Seal—Dust	1
12	75-2120	Shaft With Clevis	1
13	93-7991	Collar	1
*	86-7330	Kit—Seal Repair (Incl. Ref. #5-9, & 11)	1

†Not Serviced Separately.

*Not Illustrated



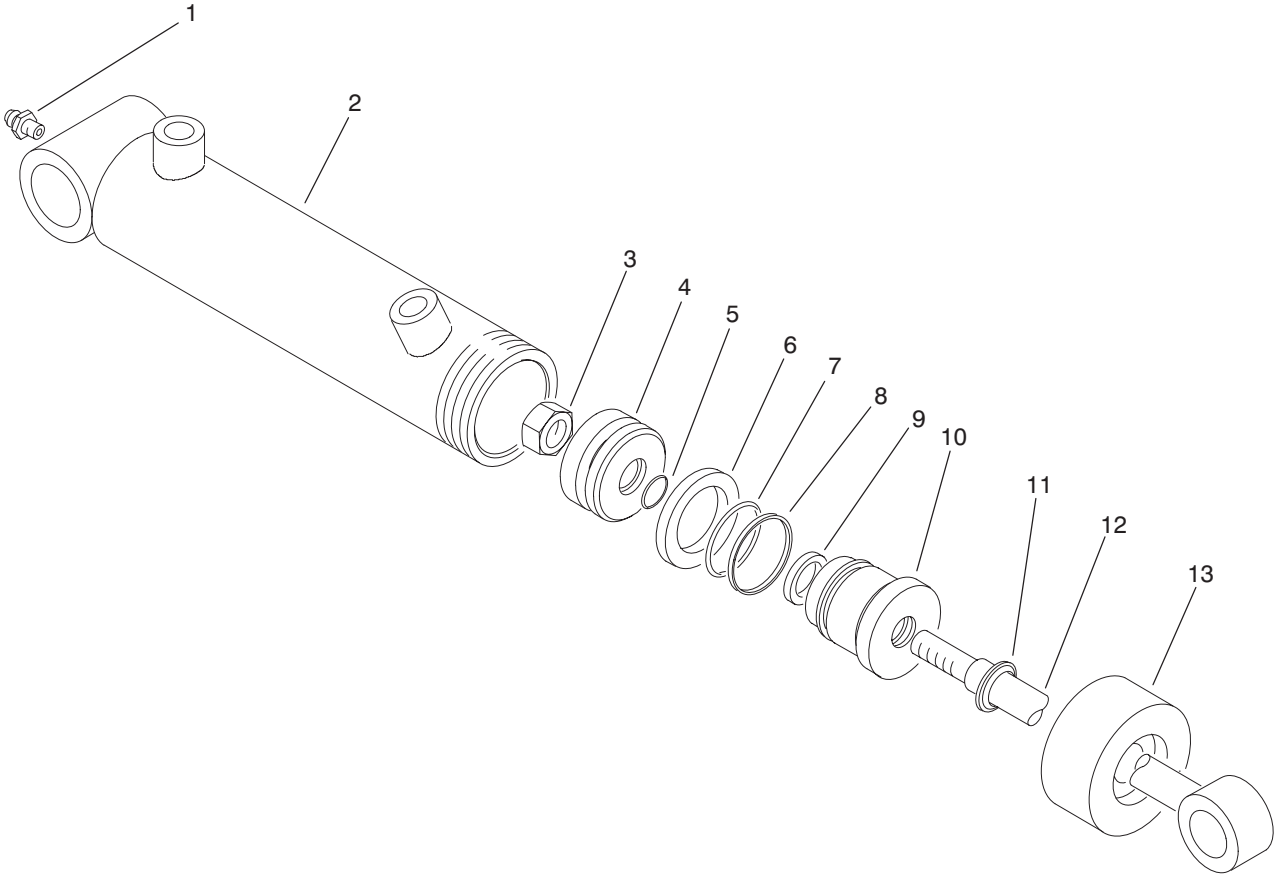
HYDRAULIC CYLINDER NO. 93-7551

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting—Grease	1
†2		Asm—Barrel	1
3	32152-10	Nut—Lock	1
4	84-1710	Piston	1
†5		O—Ring	1
†6		Seal—Special	1
†7		O—Ring	1
†8		Backup	1

Ref. No.	Part No.	Description	No. Used
†9		Seal—Rod	1
10	93-7993	Head	1
†11		Seal—Dust	1
12	84-1740	Shaft With Clevis	1
13	93-7994	Collar	1
*	84-1760	Kit—Seal Repair (Incl. Ref. #5-9, & 11)	1

† Not Serviced Separately.

*Not Illustrated

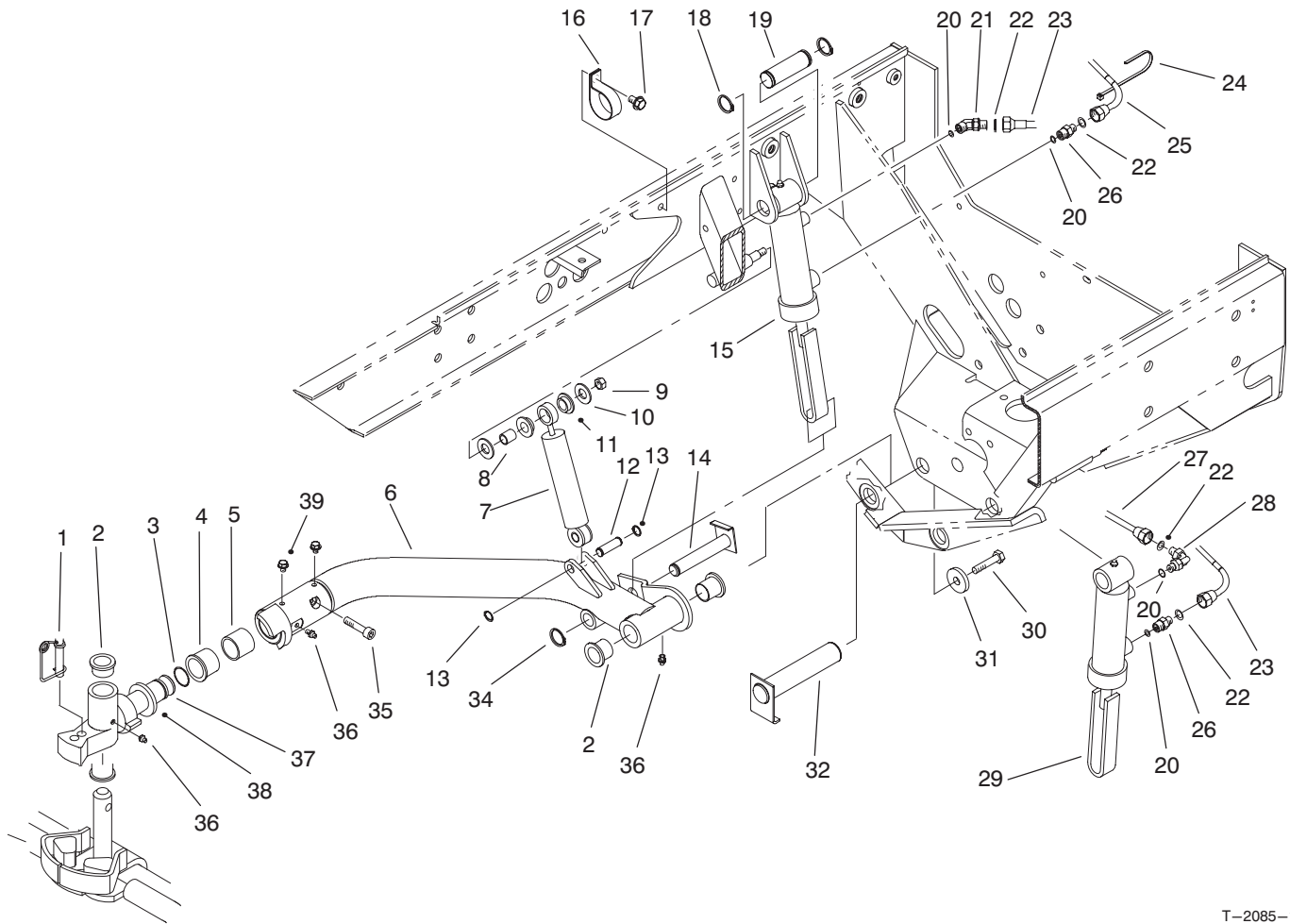


T-2084-1

HYDRAULIC CYLINDER NO. 93-2650

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting-Grease	1	†9		Seal-Rod	1
†2		Assembly-Barrel	1	10	93-7990	Head	1
3	32152-10	Nut-Lock	1	†11		Seal-Dust	1
4	70-2780	Piston	1	12	94-2644	Shaft With Clevis	1
†5		O-Ring	1	13	93-7991	Collar	1
†6		Seal-Special	1	*	86-7330	Kit-Seal Repair (Incl. Ref. #5-9, & 11)	1
†7		O-Ring	1				
†8		Backup	1				

† Not Serviced Separately.
*Not Illustrated



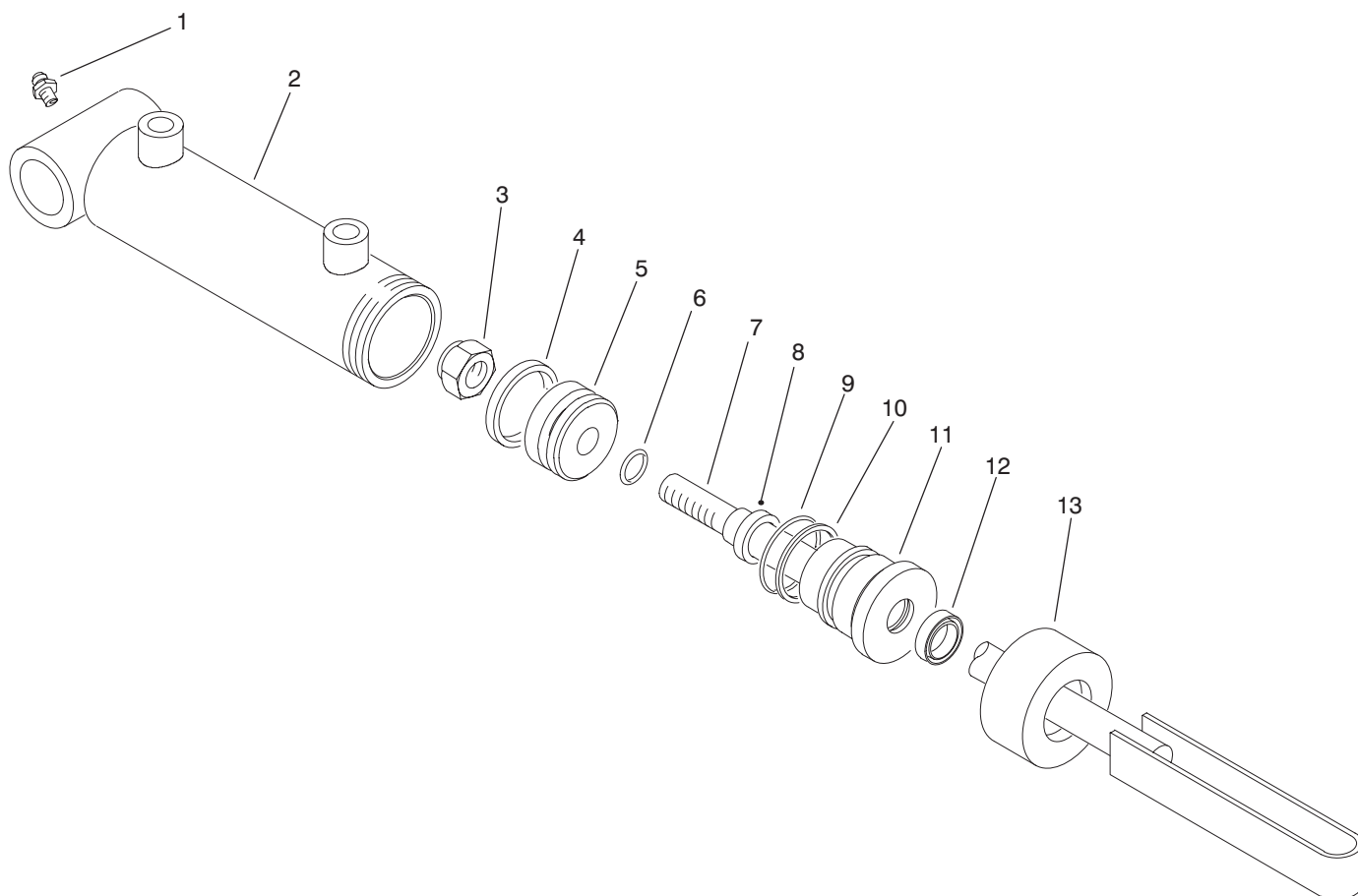
T-2085-1

REAR LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-9161	Pin	2
2	94-8949	Bushing-Flange	8
3	93-7524	O-Ring	2
4	94-8947	Bushing-Flange	2
5	94-8948	Bushing	2
6	93-9192	Lift Arm #3	1
*	93-9191	Lift Arm #2	1
7	93-4224	Absorber-Shock	2
8	256-172	Bushing	4
9	33025-00	Nut	2
10	69-8980	Washer-Flat	4
11	94-1430	Bearing-Flange	8
12	93-4246	Pin-Shock	2
13	32151-61	Ring-Retaining	4
14	92-7456	Pin	2
15	92-7420	Asm-Cylinder, Hyd. #3	1
16	2412-96	Clamp-R	1
17	32144-11	Screw-Self Tapping	1
18	32151-36	Ring-Retaining	4
19	92-7548	Pin-Cylinder	2
20	237-78	O-Ring	4

Ref. No.	Part No.	Description	No. Used
21	340-103	Fitting-Hydraulic 45° (Incl. Ref. #20 & 22)	1
22	237-21	O-Ring	4
23	92-7636	Asm-Hose	1
24	3290-378	Tie-Cable	2
25	92-7638	Asm-Hose	1
26	340-92	Fitting-Hydraulic (Incl. Ref. #20 & 22)	2
27	92-7639	Asm-Hose	1
28	340-132	Fitting-Hydraulic 90° (Incl. Ref. #20 & 22)	1
29	92-7421	Asm-Cylinder, Hyd. LH	1
30	33105-040	Screw-HHF	2
31	53-6380	Washer-Flat	2
32	95-3461	Pin	2
34	32120-93	Ring-Retaining	2
35	93-4234	Screw-Socket Hd.,	2
36	302-5	Fitting-Grease	6
37	93-9181	Knuckle-Pivot	2
38	94-8946	Washer-Thrust	2
39	33104-010	Screw-HH	4

*Not Illustrated



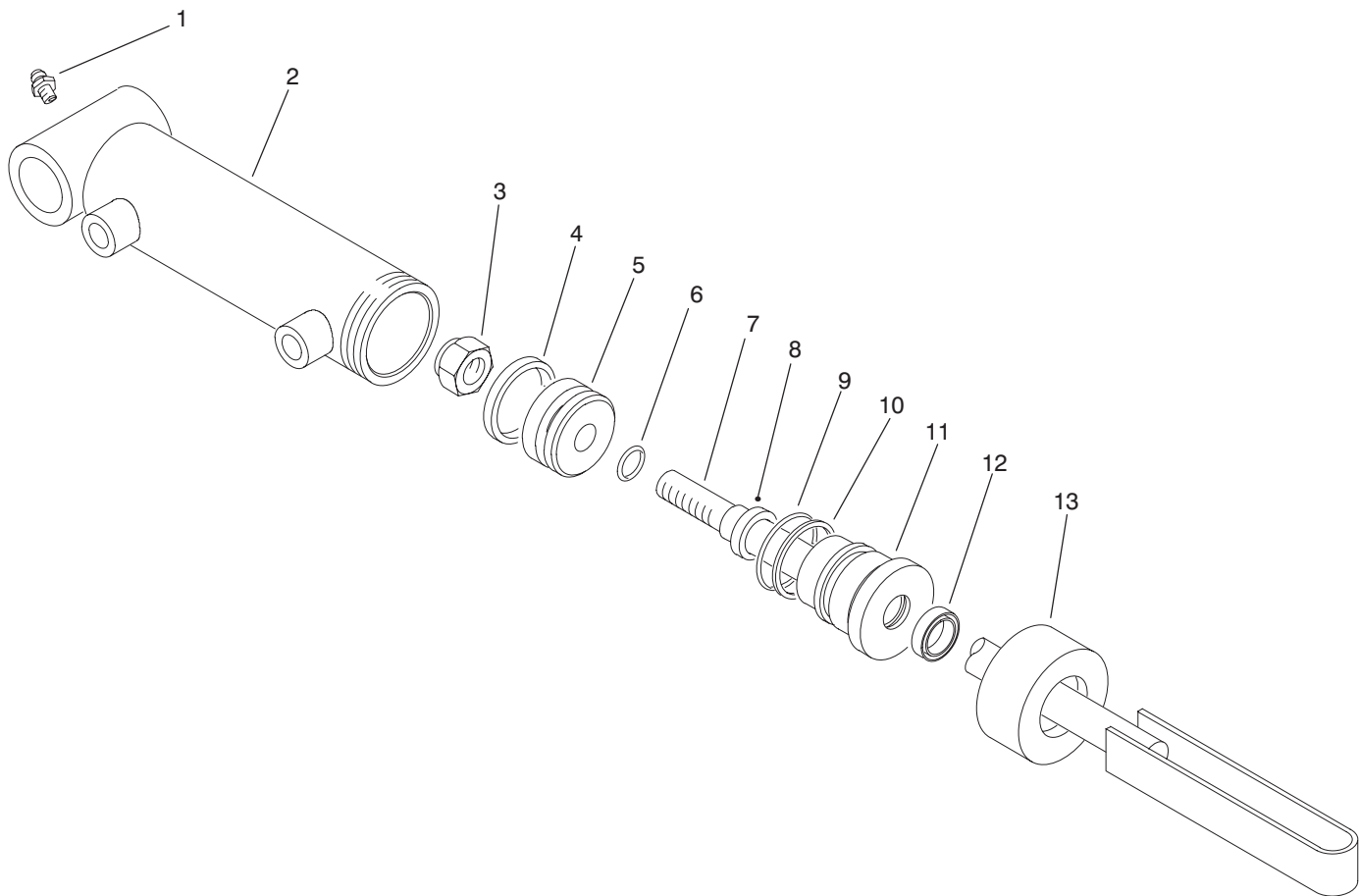
T-2086-1

HYDRAULIC CYLINDER NO. 92-7420

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting—Grease	1	9		O—Ring	1
2	93-7992	Asm.—Barrel	1	†10		Backup	1
3	32152-10	Nut	1	11	93-7990	Head	1
†4		Uni—ring	1	†12		Seal—Dust	1
5	70-2780	Piston	1	13	93-7991	Collar	1
†6		O—Ring	1	*	86-7330	Seal repair Kit	1
7	93-7989	Shaft W/Clevis	1			(Incl. Ref. #4, 6, 8-10 & 12)	
†8		Seal—Rod	1				

*Not Illustrated

† Not Serviced Separately.



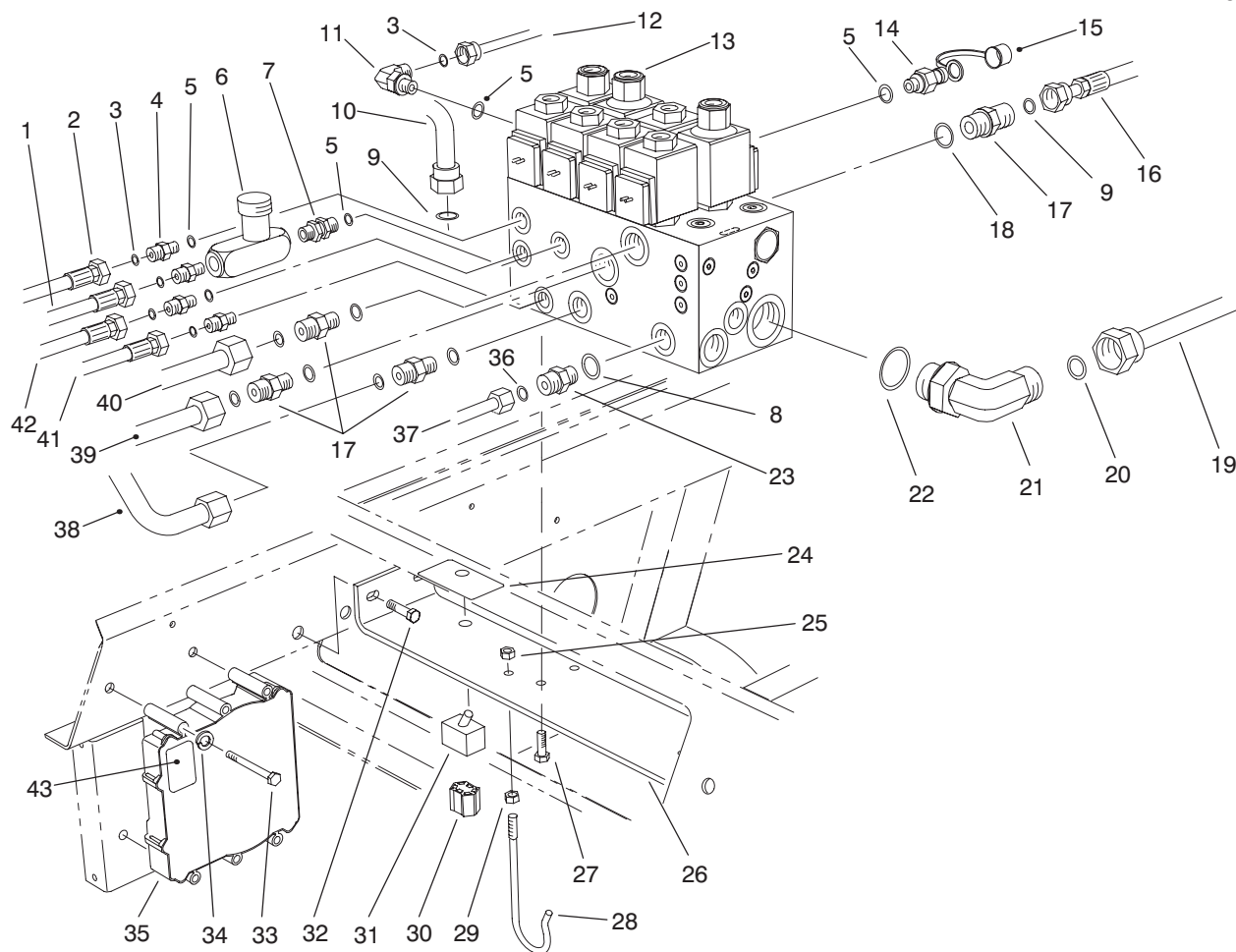
T-2087-1

HYDRAULIC CYLINDER NO. 92-7421

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting-Grease	1
2	93-7995	Asm-Barrel	1
3	32152-10	Nut	1
†4		Uni-ring	1
5	84-1710	Piston	1
†6		O-Ring	1
7	93-7989	Shaft W/Clevis	1
†8		Seal-Rod	1

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

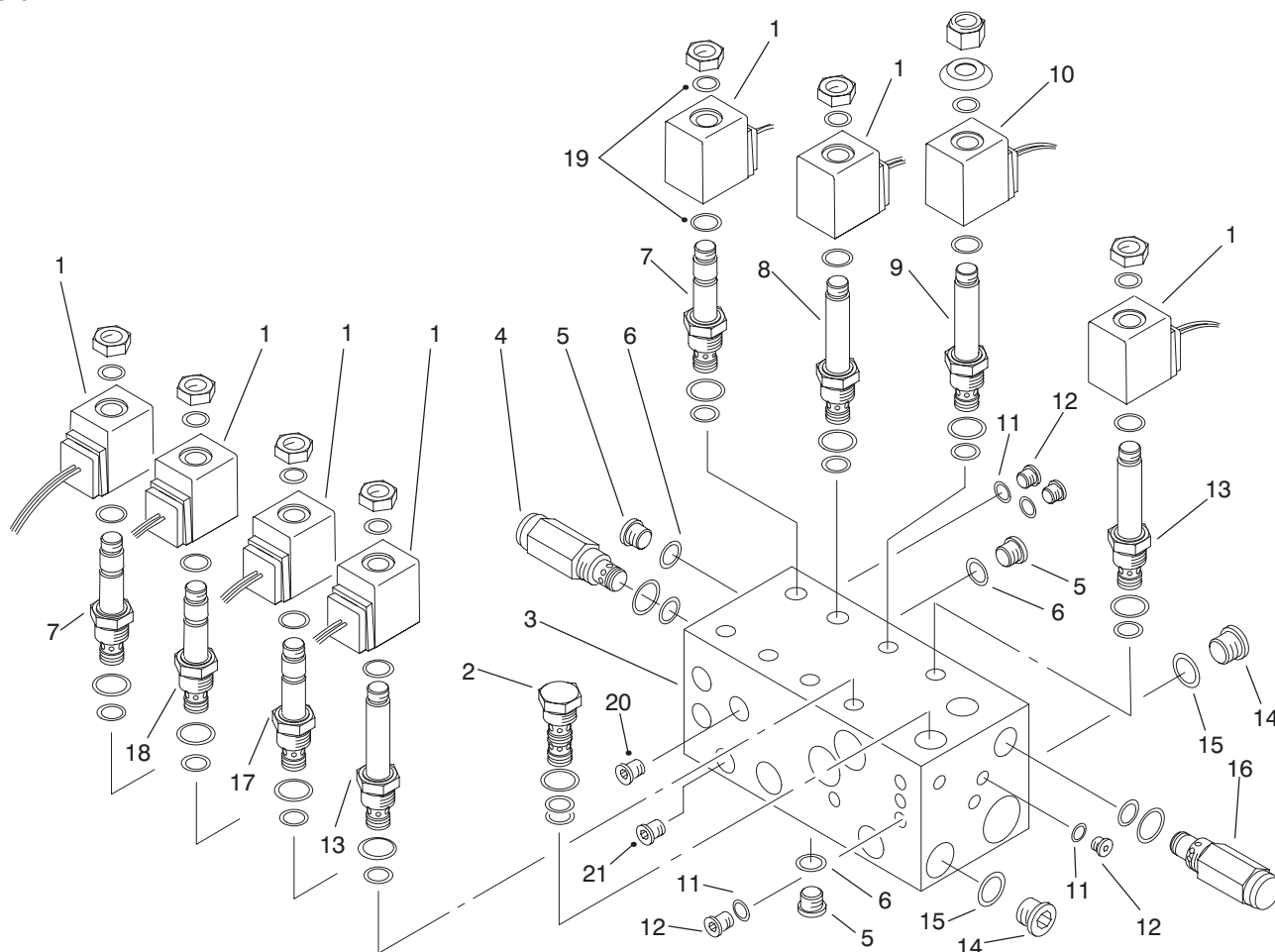
*Not Illustrated
†Not Serviced Separately.



T-2088-1

FRONT HYDRAULIC CONTROL BLOCK & HOSES

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	82-6490	Asm-Hose	1	22	237-81	O-Ring	1
2	92-7562	Asm-Hose	1	23	340-2	Adapter-Hydraulic (Incl. Ref. #8 & 36)	1
3	237-21	O-Ring	5	24	93-9197	Decal-Switch, Backlap	1
4	340-92	Fitting-Hydraulic (Incl. Ref. #3 & 5)	4	24	93-1264	Decal-Switch, Backlap (Europe)	1
5	237-78	O-Ring	8	24	94-4580	Decal-Backlap (Japan)	1
6	93-7489	Valve-Control, Flow	1	25	3296-29	Nut-Lock	1
7	93-7597	Fitting-SAE (Incl. Ref. #5)	1	26	92-7519	Bracket-Block, Manifold	1
8	237-42	O-Ring	1	27	33104-016	Screw-Hex. Hd. Flange	4
9	237-30	O-Ring	4	28	93-7970	Form-Wire, Hose Mount	1
10	92-7479	Asm-Tube	1	29	3217-6	Nut-Jam	1
11	340-132	Fitting-Hydraulic 90° (Incl. Ref. #3 & 5)	1	30	94-3090	Harness-Wire, Main	1
12	92-7591	Asm-Tube	1	31	93-7487	Switch-Toggle	1
13	92-7418	Asm-Block, Control	1	32	3234-17	Screw-Flange Hd.	4
14	354-77	Fitting-Quick Connect (Incl. Ref. #5)	1	33	321-15	Screw-HH	3
15	354-79	Cap-Fitting	1	34	3253-3	Washer-Lock	3
16	92-7491	Asm-Hose	1	35	92-5720	Controller-Solid State	1
17	340-4	Fitting-Hydraulic (Incl. Ref. #9 & 18)	4	36	237-22	O-Ring	1
18	237-79	O-Ring	4	37	93-4222	Asm-Tube, Drain Return	1
19	92-7557	Asm-Tube	1	38	94-1447	Asm-Tube, Steering Ret.	1
20	237-65	O-Ring	1	39	93-4217	Asm-Tube	1
21	340-139	Fitting-Hydraulic 90° (Incl. Ref. #20 & 22)	1	40	93-4216	Asm-Tube	1
				41	92-7565	Asm-Hose	1
				42	92-7564	Asm-Hose	1
				43	93-8053	Decal-ECU Label (Europe)	1



T-2089-2

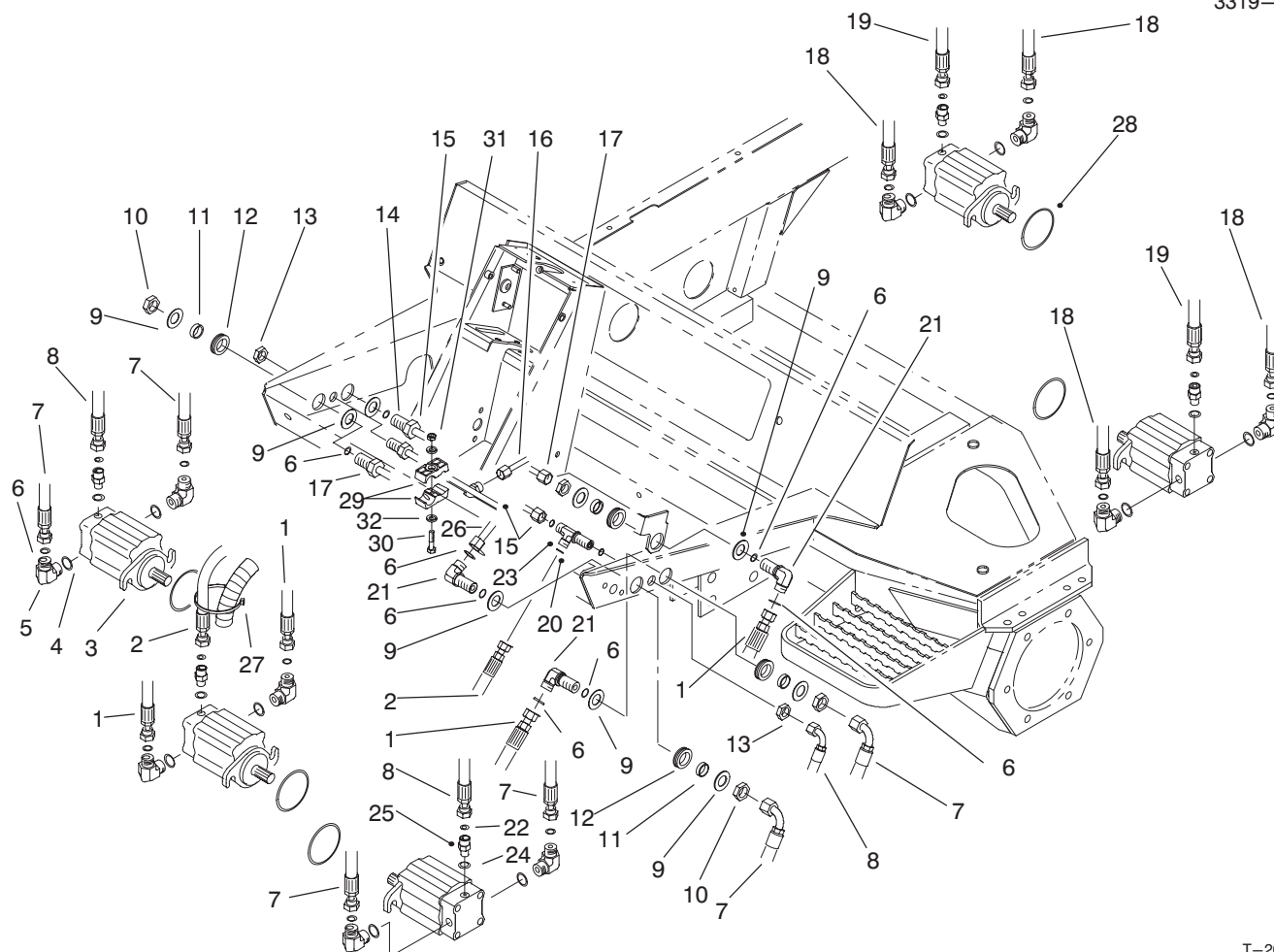
CONTROL BLOCK ASSEMBLY NO. 92-7418

Ref. No.	Part No.	Description	No. Used
1	88-9190	Solenoid—20 Watt	7
2	93-7491	Cartridge—Pilot Check (Use Seal Kit 69-4260)	1
†3		Block—Manifold, Front	1
4	93-7492	Cartridge—Relief 2300 psi (Use Seal Kit 75-2080)	1
5	353-990	Plug (Incl. Ref. #6)	10
6	237-78	O-Ring	10
7	88-6990	Cartridge—N.C. (Use Seal Kit 75-2080)	2
8	92-3071	Solenoid (Use Seal Kit 69-4260)	1
9	95-3459	Cartridge—N.O. (Use Seal Kit 75-2080)	1
10	88-9200	Solenoid—28 Watt	1
11	237-156	O-Ring	10
12	353-991	Plug (Incl. Ref. #11)	10

Ref. No.	Part No.	Description	No. Used
13	93-7494	Cartridge—N.O. Poppet (Use Seal Kit 75-2080)	2
14	353-989	Plug (Incl. Ref. #15)	5
15	237-42	O-Ring	5
16	75-0920	Cartridge—Relief 3000 psi (Use Seal Kit 75-2080)	1
17	88-6980	Cartridge—N.O. Poppet (Use Seal Kit 75-2080)	1
18	92-6315	Cartridge—N.C. Poppet (Use Seal Kit 75-2080)	1
19	94-5438	Seal—Solenoid	16
20	94-3077	Plug—Orifice	1
21	94-8140	Plug—Orifice	1
*	75-2080	Seal Kit	7
*	69-4260	Seal Kit	2

*Not Illustrated

†Not Serviced Separately



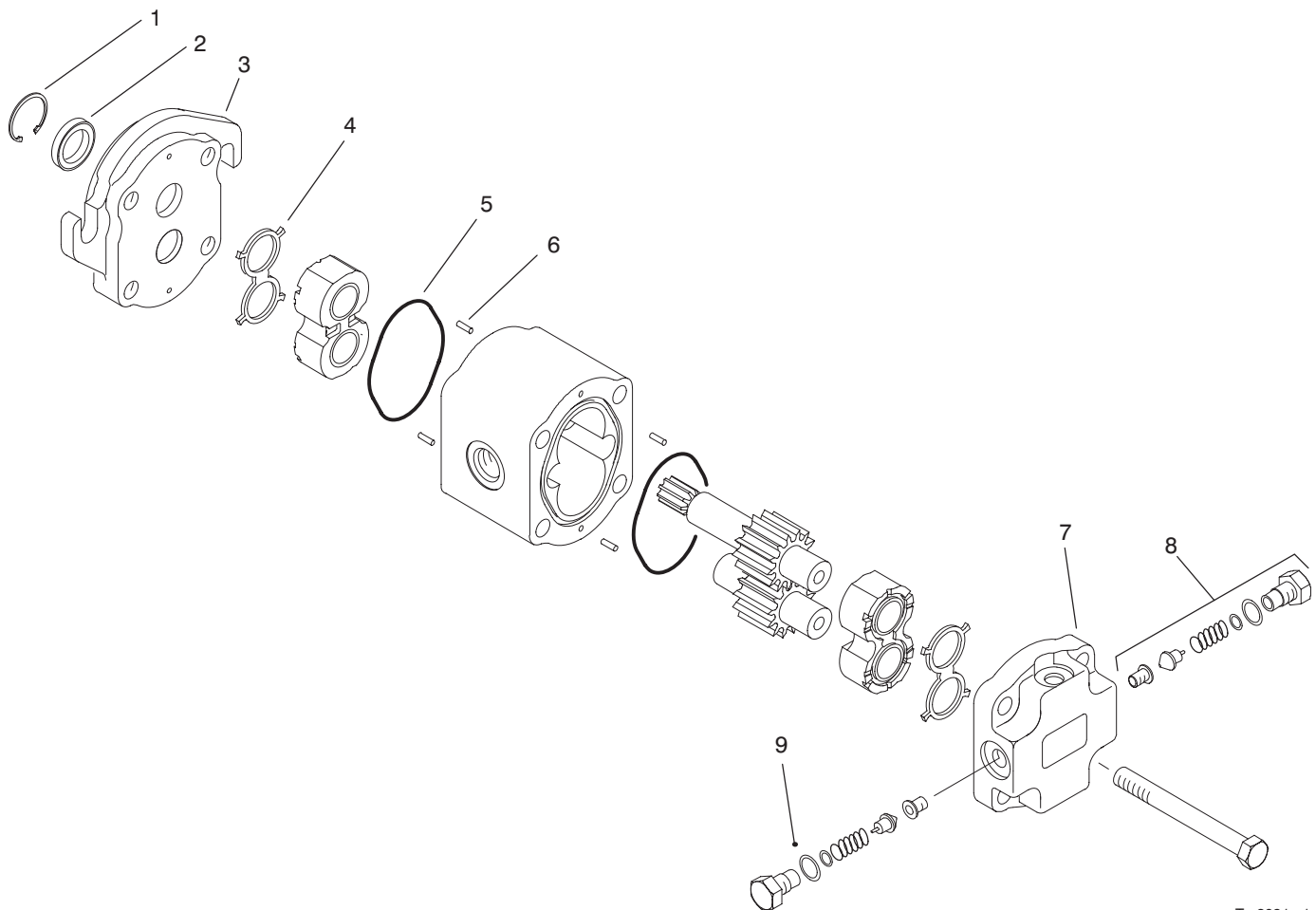
T-2090-1

REEL MOTORS & HOSES

Ref. No.	Part No.	Description	No. Used
1	92-7556	Asm-Hose	1
2	92-7560	Asm-Hose	1
3	92-7387	Motor-Hydraulic	5
4	237-79	O-Ring	10
5	340-98	Fitting-Hydraulic 90° (Incl. Ref. #4 & 6)	10
6	237-30	O-Ring	18
7	92-7555	Asm-Hose	4
8	92-7559	Asm-Hose	2
9	69-8930	Washer	10
10	340-127	Nut-Bulkhead	5
11	69-8960	Spacer	5
12	240-5	Grommet	5
13	340-70	Nut-Bulkhead	2
14	93-4216	Asm-Tube (Incl. Ref. #6)	1
15	93-4223	Asm-Tube, Front Drain (Incl. Ref. #20)	1
16	93-4222	Asm-Tube, Drain Return	1
17	93-4219	Asm-Tube, #1 Bulkhead (Incl. Ref. #6)	1

Ref. No.	Part No.	Description	No. Used
18	92-7649	Asm-Hose	4
19	93-4201	Asm-Hose	2
20	237-22	O-Ring	3
21	93-9151	Fitting-Hydraulic 90° (Incl. Ref. #6)	3
22	237-21	O-Ring	5
23	340-68	Fitting-Hydraulic, Tee (Incl. Ref. #20)	1
24	237-78	O-Ring	5
25	340-92	Fitting-Hydraulic (Incl. Ref. #22 & 24)	5
26	93-4217	Asm-Tube	1
27	3290-378	Tie-Cable	1
28	93-9783	O-Ring	10
29	56-7972	Clamp-Tube	4
30	322-7	Screw-HH	2
31	3296-47	Nut-Lock	2
32	3256-23	Washer- Flat	4

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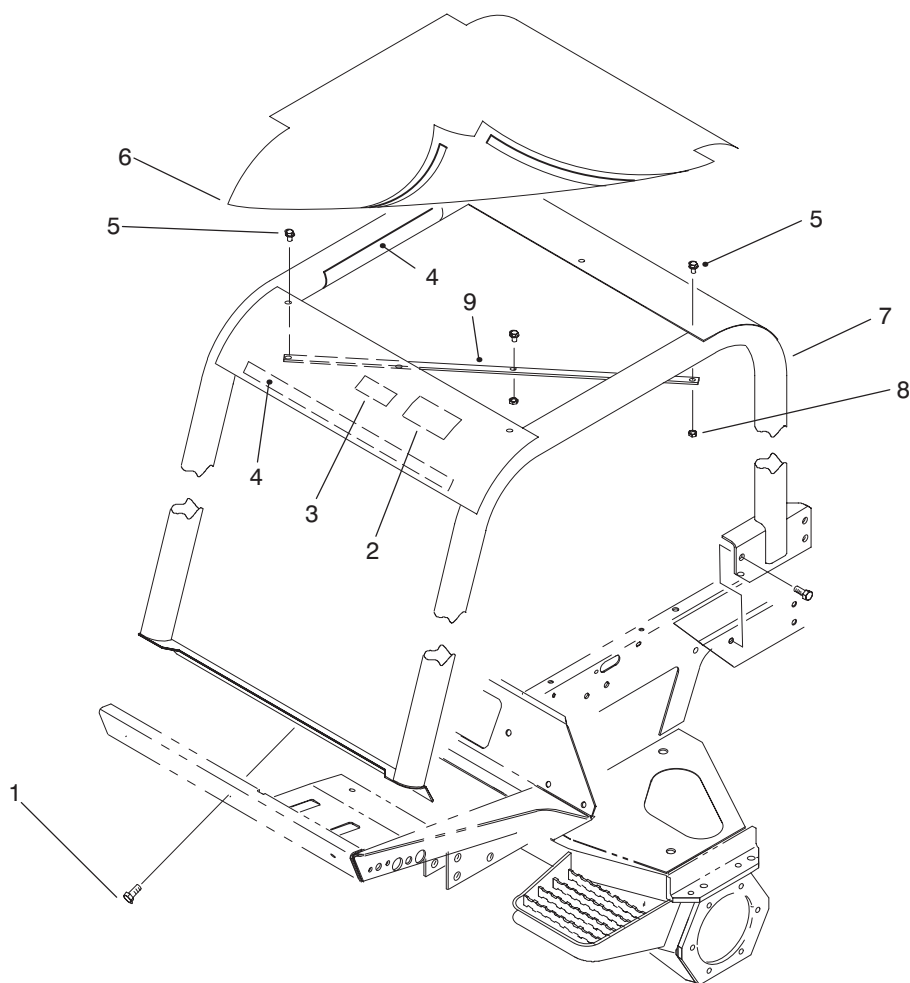
T-2091-1

REEL MOTOR NO. 92-7387 ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Ring—Retaining	1
2		Seal—Shaft	1
3		Flange	1
4		E—Seal	2
5		O—Ring	2
6		Pin—Dowel	4
7		Block—Valve (Incl. Ref. #8)	1

Ref. No.	Part No.	Description	No. Used
8		Valve—Adjusting	2
9		O—Ring	2
*	93-9152	Kit—Flange (Incl. Ref. #1-3 & 6)	1
*	93-9153	Kit—Seal (Incl. Ref. #1, 2, 4, 5 & 9)	1
*	93-9154	Kit—Valve Block (Incl. Ref. #6 & 7)	1

*Not Illustrated

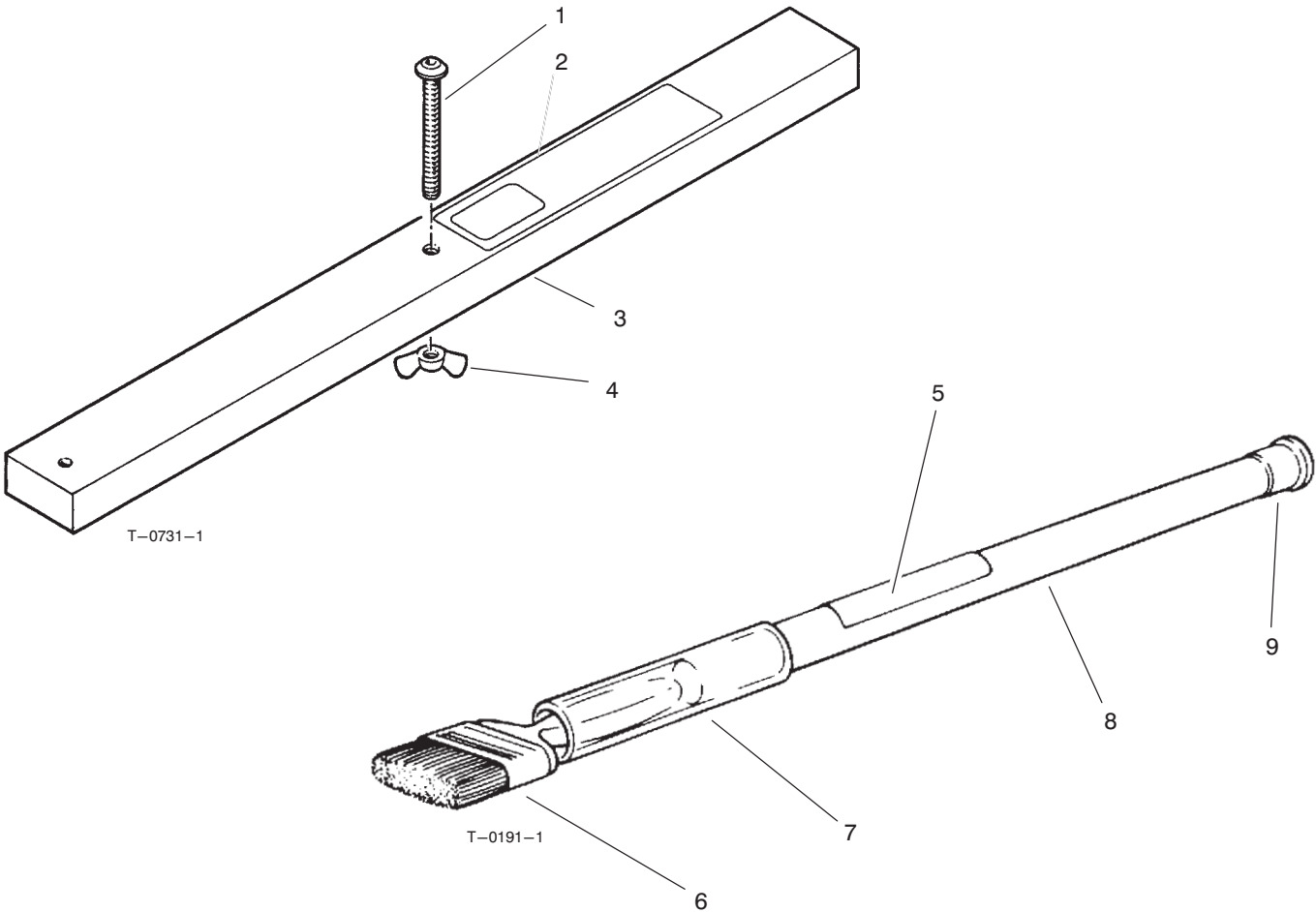


T-2092-1

ROLL OVER PROTECTION SYSTEM (ROPS)

Ref. No.	Part No.	Description	No. Used
1	33106-035	Screw-HHF	3
2	83-7430	Decal-Danger	1
2	93-8050	Decal-Warning (Europe)	1
2	84-4300	Decal-Warning (Japan)	1
3	92-7540	Decal-ROPS	1
3	93-8073	Decal-Blank (Europe)	1
4	93-9157	Velcro	4

Ref. No.	Part No.	Description	No. Used
5	33104-030	Screw-HHF	5
6	93-9160	Cover-ROPS	1
7	94-2643	Frame-ROPS (Incl. Ref. #2-4)	1
8	33024-00	Nut-Lock	5
9	93-9159	Strap-Cover	2



GAUGE BAR & BACKLAPPING BRUSH ASSEMBLIES

Ref. No.	Part No.	Description	No. Used
1	32122-54	Screw-Machine Slot Hd.	1
2	59-7930	Decal	1
3	59-7900	Asm-Gauge Bar (Incl. Ref. #1-2 & 4)	1
4	32103-3	Nut-Wing	1
5	12-9140	Decal	1

Ref. No.	Part No.	Description	No. Used
6	36-4310	Brush	1
7	29-9090	Hose-Handle	1
8	29-9080	Handle	1
9	2410-18	Plug	1
*	29-9100	Asm-Backlapping Brush (Incl. Ref. #5-9)	1

*Not Illustrated

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
5-0652	Spacer	6 47 1	66-3160	Screw	34 11 4
12-9140	Decal	80 5 1	66-3240	Cap-Radiator (Europe)	51 22 1
21-4191	Asm-Seat Belt	7 4 1	66-4190	Spring	8 12 1
21-9260	Cover-Dust	3 18 1	66-6480	Washer	2 58 2
27-2360	Switch-Ignition	13 43 1	66-8121	Standpipe	17 7 1
29-9080	Handle	80 8 1	66-8520	Bumper-Down Stop	9 17 2
29-9090	Hose-Handle	80 7 1	66-8530	Adjuster	9 16 1
29-9100	Asm-Backlapping Brush	80 * 1	66-8560	Nut-Push	9 11 4
36-3400	Decal-Warning	67 5 2	66-8610	Weldment-Lower	9 10 1
36-4310	Brush	80 6 1	66-9290	Spacer	9 15 6
37-8771	Bolt-Shoulder	32 33 2	67-7160	Block-Fuse	13 48 2
44-2210	Asm-Light, Warning	3 30 1	68-6150	Breather-Air	16 4 1
46-0330	Nut-Hex	49 1 2	68-9420	Washer-Lock	42 4 6
46-6550	Fitting-Connector	17 8 1	68-9420	Washer-Lock	38 34 3
46-6560	Bushing	17 9 2	69-2970	Cap-Hub	61 33 2
46-8091	Screw-Tapping	1 14 2	69-2980	Seal-Inner	61 22 2
48-7570	Screw-Hex. Hd.	34 9 3	69-3020	Latch-Draw	32 34 2
48-7610	Screw-Hex. Hd.	34 46 3	69-4260	Seal Kit	66 * 1
48-7700	Screw-Hex. Hd.	39 38 3	69-4260	Seal Kit	76 * 2
48-7700	Screw-Hex. Hd.	34 45 6	69-6470	Bushing-Flange	61 18 4
48-7730	Screw-Hex. Hd. Flange	16 5 6	69-8890	Cap-Spindle	61 15 2
48-7780	Screw-Hex. Hd.	34 42 3	69-8900	Spacer	54 59 1
48-7810	Screw-Hex. Hd.	34 10 3	69-8910	Washer	54 58 2
48-7810	Screw-Mounting	49 5 3	69-8920	Washer	19 10 4
48-7840	Screw-Hex. Hd.	34 5 1	69-8920	Washer	19 10 6
48-7880	Nut	34 24 3	69-8930	Washer	77 9 10
48-7880	Nut	8 29 1	69-8930	Washer	64 16 8
48-7890	Nut	8 30 1	69-8950	Spacer	19 12 2
48-7930	Nut-Hex.	34 28 2	69-8950	Spacer	19 12 3
48-9470	Screw	34 4 1	69-8960	Spacer	77 11 5
49-2040	Screw-Hex. Hd.	8 2 1	69-8960	Spacer	64 18 4
49-2640	Seal-Shaft	28 11 1	69-8980	Washer-Flat	72 10 4
49-6440	Pedal-Accelerator	6 15 1	69-8980	Washer-Flat	67 17 12
52-1320	Decal-Fuel, Diesel	2 34 1	70-1480	Relay	8 27 1
52-5910	Ring-Retaining	8 25 1	70-2780	Piston	69 4 1
53-6380	Washer-Flat	72 31 2	70-2780	Piston	71 4 1
53-6380	Washer-Flat	68 57 2	70-2780	Piston	73 5 1
53-9681	Mount-Rubber	34 3 3	71-4580	Clutch-Roller	53 15 1
56-6710	O-Ring	28 1 6	71-4590	Washer-Thrust	53 16 2
56-7972	Clamp	3 42 2	72-3560	Decal-4WD (Model 03801)	2 29 1
56-7972	Clamp-Tube	64 8 2	74-0720	Tube-Manual	7 16 1
56-7972	Clamp-Tube	77 29 4	74-3410	Asm-Radiator	32 20 1
56-7973	Clamp	4 52 6	74-3650	Fan-Engine	34 32 1
56-7973	Clamp-Tube	64 34 10	74-5500	Bolt-Wheel	53 36 10
59-7900	Asm-Gauge Bar	80 3 1	74-5700	Bearing-Needle	53 30 1
59-7930	Decal	80 2 1	74-5940	Asm-Rod, Tie	61 47 1
59-9740	Latch-Draw	1 12 1	74-5950	Latch-Swell	1 24 3
60-5700	Spring-Compression	6 43 1	74-5950	Latch-Swell	12 30 1
60-5890	Washer	28 12 1	74-6490	Hose-Water Line	34 40 2
60-6700	Screw-Hex. Hd.	67 4 6	74-6540	Tappet-Valve	38 14 8
61-2790	Filler-Screen	17 24 1	74-6550	Cup-Upper Valve Spring	37 11 8
61-2790	Filter-Screen	16 9 1	74-6560	Spring-Valve	37 10 8
62-2170	Washer-Thrust	61 17 4	74-6570	Cup-Lower Valve Spring	37 9 8
62-5550	Decal-Toro	1 1 1	74-6580	Insert-Valve (1.650mm)	37 13 8
62-7650	Gasket	17 17 1	74-6590	Insert-Valve (1.725mm)	37 * 8
63-7622	Hose-Fuel	51 15 1	74-6600	Insert-Valve (1.800mm)	37 * 8
63-7627	Hose-Fuel	17 4 1	74-6610	Insert-Valve (1.900mm)	37 * 8
63-7627	Hose-Fuel	34 27 1	74-6620	Insert-Valve (1.975mm)	37 * 8
63-7640	Sender-Fuel	17 18 1	74-6630	Insert-Valve (2.050mm)	37 * 8
63-7880	Pin-Latch, Brake	6 31 1	74-6640	Insert-Valve (2.125mm)	37 * 8
63-7900	Rack	3 1 1	74-6650	Insert-Valve (2.225mm)	37 * 8
63-8360	Key-Ignition	12 35 1	74-6660	Insert-Valve (2.250mm)	37 * 8
63-8410	Washer-Flat	17 14 3	74-6670	Insert-Valve (2.275mm)	37 * 8
63-8410	Washer-Flat	16 27 3	74-6680	Insert-Valve (2.300mm)	37 * 8
63-9920	Decal-EEC 105 DBA	8 15 1	74-6690	Insert-Valve (2.325mm)	37 * 8
65-5100	Handle-Hood	1 11 1	74-6700	Insert-Valve (2.350mm)	37 * 8
66-2920	Washer	2 59 4	74-6710	Insert-Valve (2.375mm)	37 * 8
66-2920	Washer	13 77 3	74-6720	Insert-Valve (2.400mm)	37 13 8
66-2920	Washer-Nylon	8 1 2	74-6730	Insert-Valve (2.425mm)	37 * 8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
74-6740	Insert-Valve (2.450mm)	37 * 8	74-7650	Washer-Flat	38 20 3
74-6750	Insert-Valve (2.475mm)	37 * 8	74-7670	Head Bolt & Washer Set	39 * 1
74-6760	Insert-Valve (2.500mm)	37 * 8	74-7770	Hose-Crankcase	35 11 1
74-6770	Insert-Valve (2.525mm)	37 * 8	74-7780	Gasket	35 12 1
74-6780	Insert-Valve (2.550mm)	37 * 8	74-7790	Screw	35 13 1
74-6790	Insert-Valve (2.575mm)	37 * 8	74-7810	Gasket-Plate	35 15 1
74-6800	Insert-Valve (2.600mm)	37 * 8	74-7820	Plate	35 16 1
74-6810	Insert-Valve (2.625mm)	37 * 8	74-7840	Plug	39 42 2
74-6820	Insert-Valve (2.650mm)	37 * 8	74-7840	Plug-27 mm Dia.	35 18 8
74-6830	Insert-Valve (2.675mm)	37 * 8	74-7840	Plug-27 mm Dia.	38 33 2
74-6840	Insert-Valve (2.700mm)	37 * 8	74-7930	Screw-Bearing Cap	35 27 10
74-6850	Insert-Valve (2.725mm)	37 * 8	74-7940	Bushing-Spring	35 28 1
74-6860	Insert-Valve (2.750mm)	37 * 8	74-7950	Screw-Plate	35 29 6
74-6870	Insert-Valve (2.775mm)	37 * 8	74-7960	Stud-Filter	35 30 1
74-6880	Insert-Valve (2.800mm)	37 * 8	74-7970	Filter-Oil	35 31 1
74-6890	Insert-Valve (2.825mm)	37 * 8	74-7990	Pin	36 16 1
74-6900	Insert-Valve (2.850mm)	37 * 8	74-7990	Pin-Spring	35 33 4
74-6910	Insert-Valve (2.875mm)	37 * 8	74-8000	Plug	35 34 2
74-6920	Insert-Valve (2.900mm)	37 * 8	74-8010	Guide-Dipstick	35 35 1
74-6930	Insert-Valve (2.925mm)	37 * 8	74-8030	Pin-Spring	35 37 1
74-6940	Insert-Valve (2.950mm)	37 * 8	74-8100	Gear-Pinion	36 4 1
74-6950	Insert-Valve (2.975mm)	37 * 8	74-8120	Key-Woodruff	36 6 2
74-6960	Insert-Valve (3.000mm)	37 * 8	74-8140	Cover	36 9 1
74-6970	Insert-Valve (3.025mm)	37 * 8	74-8150	Gasket-Cover	36 10 1
74-6980	Insert-Valve (3.050mm)	38 13 8	74-8170	Bearing Set (Std.)	36 12 2
74-6990	Insert-Valve (3.075mm)	38 * 8	74-8210	Thrust Bearing Set	36 * 2
74-7000	Insert-Valve (3.100mm)	38 * 8	74-8230	Crankshaft	36 14 1
74-7010	Insert-Valve (3.125mm)	38 * 8	74-8260	Flywheel	36 34 1
74-7020	Insert-Valve (3.150mm)	38 * 8	74-8270	Pin	36 18 3
74-7030	Insert-Valve (3.175mm)	38 * 8	74-8290	Seal-#1 Bearing Cap	36 20 2
74-7040	Insert-Valve (3.200mm)	38 * 8	74-8300	Clip-Piston Pin	36 21 8
74-7050	Insert-Valve (3.225mm)	38 * 8	74-8310	Pin-Piston	36 22 4
74-7060	Insert-Valve (3.250mm)	38 * 8	74-8320	Piston Ring Set-0.20 mm	36 * 4
74-7070	Insert-Valve (3.275mm)	38 * 8	74-8330	Piston Ring Set-0.50 mm	36 * 4
74-7080	Insert-Valve (3.300mm)	38 * 8	74-8340	Piston Ring Set-0.80 mm	36 * 4
74-7090	Insert-Valve (3.325mm)	38 * 8	74-8380	Bearing-Connecting Rod	36 27 4
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92-7649	Asm—Hose	77 18 4	93-6689	Decal—No Riders (Europe)	2 35 1
92-7649	Asm—Hose	64 20 4	93-6693	Decal—Floor Plate (Europe)	67 21 1
92-7787	Pulley—Camshaft	40 26 1	93-6699	Decal—Fast/Slow (Europe)	6 23 1
92-7791	Seal—Valve	39 52 8	93-7247	Washer—Thrust	53 6 1
92-7792	Guide—Valve (14.29mm)	39 47 8	93-7247	Washer—Thrust	62 55 1
92-7793	Guide—Valve (14.59mm)	39 * 8	93-7252	Decal—(Europe)	2 57 1
92-7794	Valve—Exhaust	39 50 4	93-7276	Decal—Danger (Europe)	51 52 1
92-7795	Seat—Exhaust Valve	39 51 4	93-7450	Spindle	21 1 1
92-8001	Sensor—Switch, Reed	7 13 1	93-7451	Cone—Bearing	21 3 1
92-8002	Sensor—Switch, Reed	67 35 1	93-7452	Cup—Bearing	21 4 1
92-8020	Adapter—Breather	16 35 3	93-7453	Housing	21 6 1
92-8753	Magnet—Switch, Reed	7 11 1	93-7454	Screw—HH	21 25 18
92-8754	Magnet—Switch, Reed	67 34 1	93-7455	Stud—Wheel	21 5 8
92-9651	Asm—Hub	61 25 2	93-7456	Gear—Ring	21 18 1
92-9652	Stud—Drive	61 36 10	93-7457	Spacer—Input	21 16 1
92-9724	Spindle—RH	61 * 1	93-7458	Plate—Cover	21 15 1
92-9725	Spindle—LH	61 21 1	93-7459	Ring—Retaining, External	21 19 1
93-0096	Decal—ACE	2 31 2	93-7460	Washer—Thrust	21 17 1
93-0307	Nut—Retainer	61 32 2	93-7461	Plug—Pipe	21 13 2
93-0309	Washer—Tab	61 31 2	93-7462	Ring—Retaining, Internal	21 14 1
93-1261	Decal—Console (Europe)	13 40 1	93-7463	Gear—Sun	21 20 1
93-1262	Decal—Hillside (Europe)	2 28 1	93-7464	Gear—Sun	21 21 1
93-1263	Decal—Tower (Europe)	3 23 1	93-7465	Washer—Thrust	21 22 1
93-1264	Decal—Switch, Backlap	75 24 1	93-7466	Pin—Dowel	21 24 2
93-1265	Decal—Hot Surface (Europe)	51 1 1	93-7467	Ring—Retaining, External	21 10 1
93-1266	Decal—Fuses (Europe)	13 58 1	93-7468	Washer—Thrust	21 9 1
93-1268	Decal—HOC Selector	12 17 1	93-7469	Cone—Bearing	21 8 1
93-2175	Asm—Pump, Gear	26 4 1	93-7470	Cup—Bearing	21 7 1
93-2649	Asm—Frame, Carrier	67 22 1	93-7471	Shaft—Input	21 23 1
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93-3163	Spring	9 28 1	93-7474	Kit—Seal	21 2 1
93-3164	Cap	9 27 2	93-7476	Motor—Hydraulic W/Sensor	20 49 1
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93-4206	Asm—Tube, Drain	64 15 1	93-7488	Tank—Hydraulic	16 1 1
93-4207	Fitting—Tee	51 18 1	93-7489	Valve—Control, Flow	75 6 1
93-4208	Strip—Seal, Screen	32 27 1	93-7491	Cartridge—Pilot Check	76 2 1
93-4213	Asm—Speedometer	3 22 1	93-7491	Cartridge—Pilot Check	66 14 1
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93-4215	Hose—Radiator, Upper Rear	34 22 1	93-7494	Cartridge—N.O. Poppet	76 13 2
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93-4216	Asm—Tube	75 40 1	93-7499	Gasket—Flange	16 2 1
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93-7598	Lever—Throttle	8 10 1	93-9164	Indicator	52 1 1
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93-7781	Washer	56 10 8	93-9176	Dipstick—Peugeot	34 51 1
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93-7978	Rod—Pull	22 3 1	93-9976	Plate—Seat	8 18 1
93-7979	Pin—Cotter, Hair	22 6 2	93-9979	Latch—Seat	8 22 1
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93-7982	Actuator	22 11 1	94-1403	Fitting—Hydraulic	64 38 1
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93-7984	Gasket	22 10 1	94-1410	Holder—Can, Beverage	2 53 1
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93-9154	Kit—Valve Block	78 * 1	94-2646	Decal—Warning (Europe)	32 15 1
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94-2807	Adaptor—Nut (Europe)	62 62 6	94-3019	Control—Servo, Manual	30 65 1
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94-2914	Decal—Rear Manifold (NL)	8 19 1	94-3027	Washer—Seal	30 48 1
94-2915	Decal—Rear Manifold (SF)	8 19 1	94-3028	Screw	30 14 2
94-2916	Decal—Rear Manifold (F)	8 19 1	94-3029	Screw	30 21 2
94-2917	Decal—Rear Manifold (D)	8 19 1	94-3030	Washer	30 47 1
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94-2920	Decal—Rear Manifold (N)	8 19 1	94-3033	Plate—Cover	30 59 1
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94-2931	Decal—Service (Norwegian)	2 27 1	94-3052	Weight—Wheel (Europe)	62 63 2
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94-2936	Decal—Service (Dutch)	1 27 1	94-3058	Cap—Upper, Joystick	12 6 1
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94-2938	Decal—Service (French)	1 27 1	94-3060	Tube—Steering, Front LH	3 13 1
94-2939	Decal—Service (German)	1 27 1	94-3061	Tube—Steering, Front, In	3 7 1
94-2940	Decal—Service (Italian)	2 27 1	94-3062	Tube—Steering, Front, Out	3 14 1
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94-3256	Belt	48 5 1	94-8064	Decal-Diagnostic	10 *3 1
94-3257	Washer-Spring	48 13 1	94-8065	Decal-Diagnostic	10 *3 1
94-3258	Screw	48 14 1	94-8066	Decal-Diagnostic	10 *3 1
94-3259	Screw	48 9 1	94-8067	Decal-Diagnostic	10 *3 1
94-3260	Washer-Flat	48 3 1	94-8068	Decal-Diagnostic	10 *3 1
94-3261	Nut	48 11 1	94-8069	Decal-Diagnostic	10 *3 1
94-3262	Nut	48 10 1	94-8070	Decal-Diagnostic	10* 3 1
94-3263	Starter	49 3 1	94-8102	Tube-Interlock (Europe)	12 1 1
94-3264	Plug-Glow	50 3 4	94-8103	Boot-Control, Lift	12 22 1
94-3265	Cable-Glow Plug	50 2 4	94-8104	Switch-Micro	12 8 2
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94-3267	Nut-Lock	50 6 1	94-8108	Support-Filter, Air	51 42 1
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94-3275	Solenoid-Starter	49 * 1	94-8115	Pin-Axle, Pivot	54 55 1
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94-3355	Decal-Diagnostic ACE	10 1 1	94-8132	Gasket-Head (1.48 mm)	39 53 1
94-3356	Decal-Diagnostic ACE	10 1 1	94-8133	Gasket-Head (1.52 mm)	39 * 1
94-3357	Decal-Diagnostic ACE	10 1 1	94-8134	Gasket-Head (1.58 mm)	39 * 1
94-3358	Decal-Diagnostic ACE	10 1 1	94-8135	Gasket-Head (1.62 mm)	39 * 1
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94-3363	Decal-Diagnostic ACE	10 1 1	94-8146	Strip-Foam, Seat	8 34 1
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94-8028	O-Ring	18 11 1	95-3461	Pin	72 32 2
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95-3471	Decal-Clip (German)	8 17 1	237-65	O-Ring	32 32 4
95-3472	Decal-Clip (Italian)	8 17 1	237-78	O-Ring	26 3 4
95-3473	Decal-Clip (Norwegian)	8 17 1	237-78	O-Ring	66 3 4
95-3474	Decal-Clip (Portuguese)	8 17 1	237-78	O-Ring	75 5 8
95-3475	Decal-Clip (Spanish)	8 17 1	237-78	O-Ring	76 6 10
95-3476	Decal-Clip (Swedish)	8 17 1	237-78	O-Ring	67 10 6
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237-21	O-Ring	67 8 6	240-5	Grommet	64 17 4
237-21	O-Ring	72 22 4	240-7	Grommet	54 61 1
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237-42	O-Ring	75 8 1	2412-96	Clamp	68 53 1
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237-58	O-Ring	16 12 1	2412-122	Asm-Clamp	62 50 2
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322-6	Screw-Hex. Hd.	4 53 3	3256-5	Washer-Flat	6 44 1
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322-7	Screw-Hex. Hd.	65 56 3	3256-22	Washer-Flat	6 8 2
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PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Reelmaster 6500D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the operator's platform. In any correspondence concerning the Reelmaster 6500D, 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 6500D.
2. Part number, description, and the quantity of part(s) desired.

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

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MAINTENANCE RECORD

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Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

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