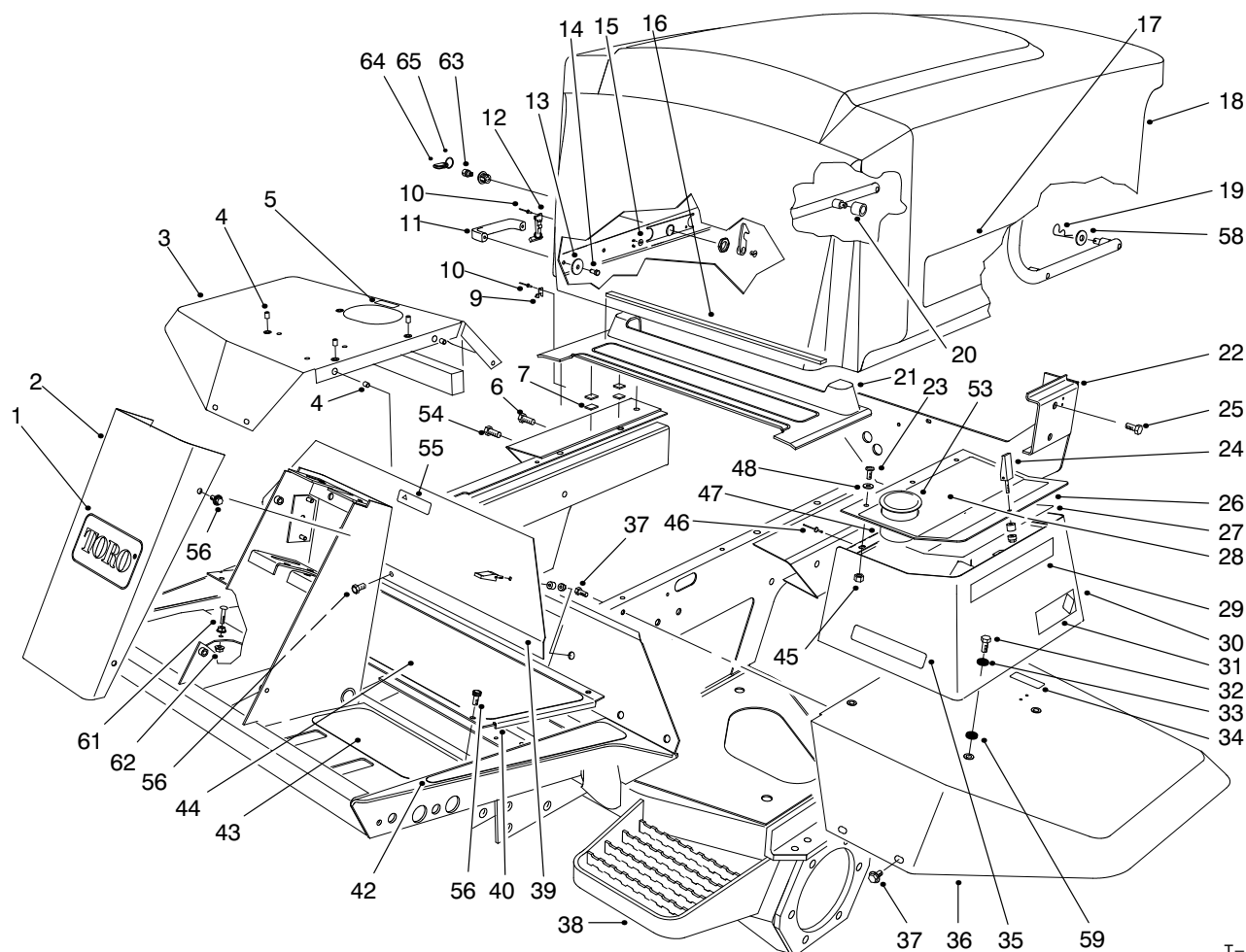


TORO®

MODEL NO. 03803-90194 & UP
MODEL NO. 03804-90166 & UP

PARTS CATALOG

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

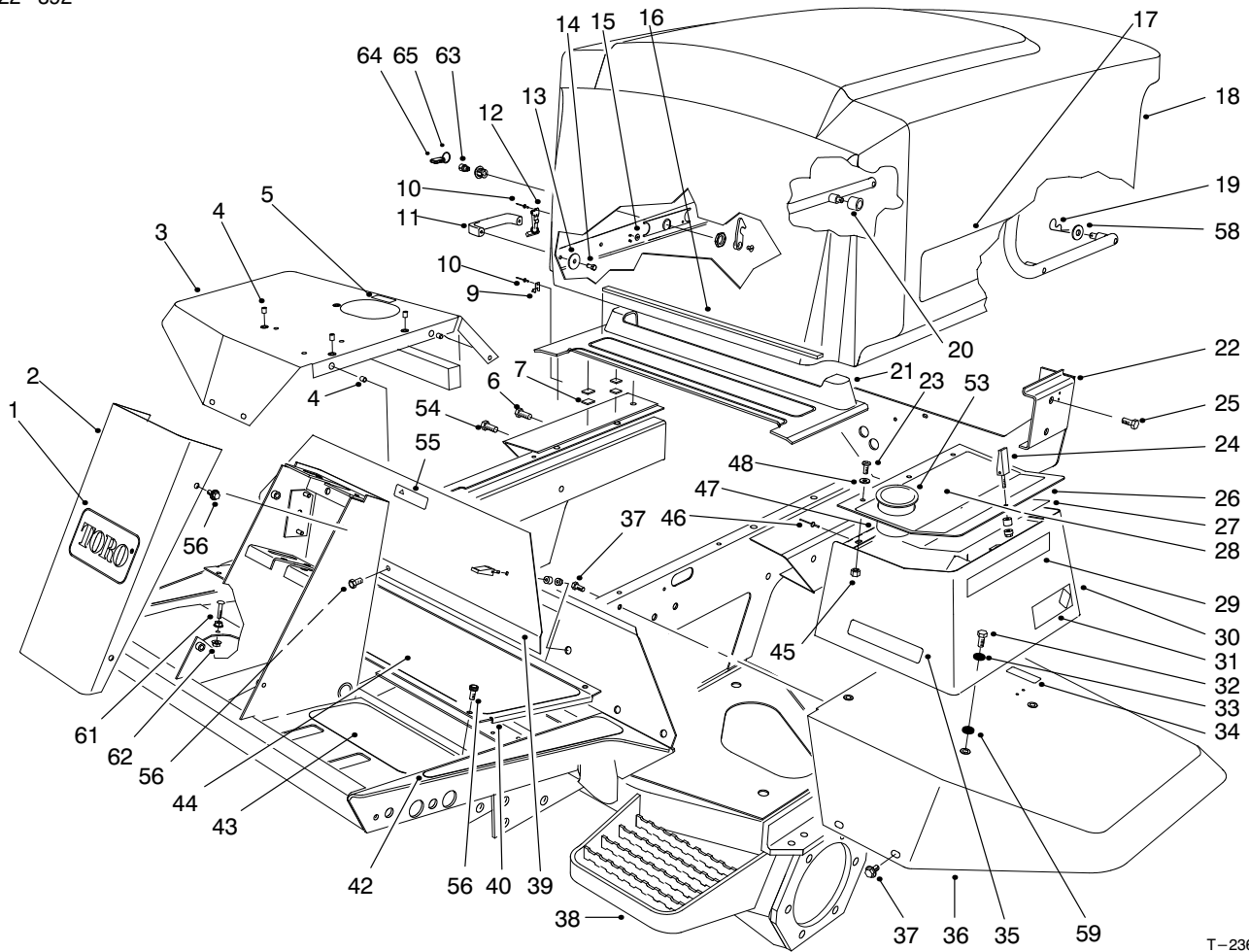


T-2366-9

FRAME & BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62-5550	Decal-Toro	1
2	93-7996	Cover-Tower	1
3	93-7579	Fender-RH	1
4	32148-7	Nut-Clinch	5
5	93-6686	Decal-Hydraulic Oil	1
5	88-1980	Decal-Hydraulic Oil (Japan)	1
6	33106-035	Screw-HHF	8
7	93-9155	Velcro	2
9	249-40	Keeper	1
10	3269-13	Rivet-Pop	4
11	65-5100	Handle-Hood	1
12	59-9740	Latch-Draw	1
13	3256-78	Washer-Flat	2
14	46-8091	Screw-Tapping	2
15	3269-10	Washer-Flat	2
16	92-7633	Strip-Bumper, Hood	1
17	92-7532	Decal-RM6500D	2

Ref. No.	Part No.	Description	No. Used
18	99-8952	Hood	1
19	3290-467	Pin-Cotter, Hair	2
20	93-7582	Hose	1
21	94-2617	Cover-Pump	1
22	98-8814	Frame-Rear (Incl. Ref. #1, Page 41)	1
23	3258-166	Screw-Round Head	3
24	74-5950	Latch-Swell	3
25	33108-035	Screw	6
26	93-9180	Cover-Box, Tool	1
27	98-3728	Decal-Service	1
27	98-8135	Decal-Service (Danish)	1
27	98-8136	Decal-Service (Dutch)	1
27	98-8137	Decal-Service (Finnish)	1
27	98-8138	Decal-Service (French)	1
27	98-8139	Decal-Service (German)	1
27	98-8140	Decal-Service (Italian)	1
27	98-8141	Decal-Service (Norwegian)	1

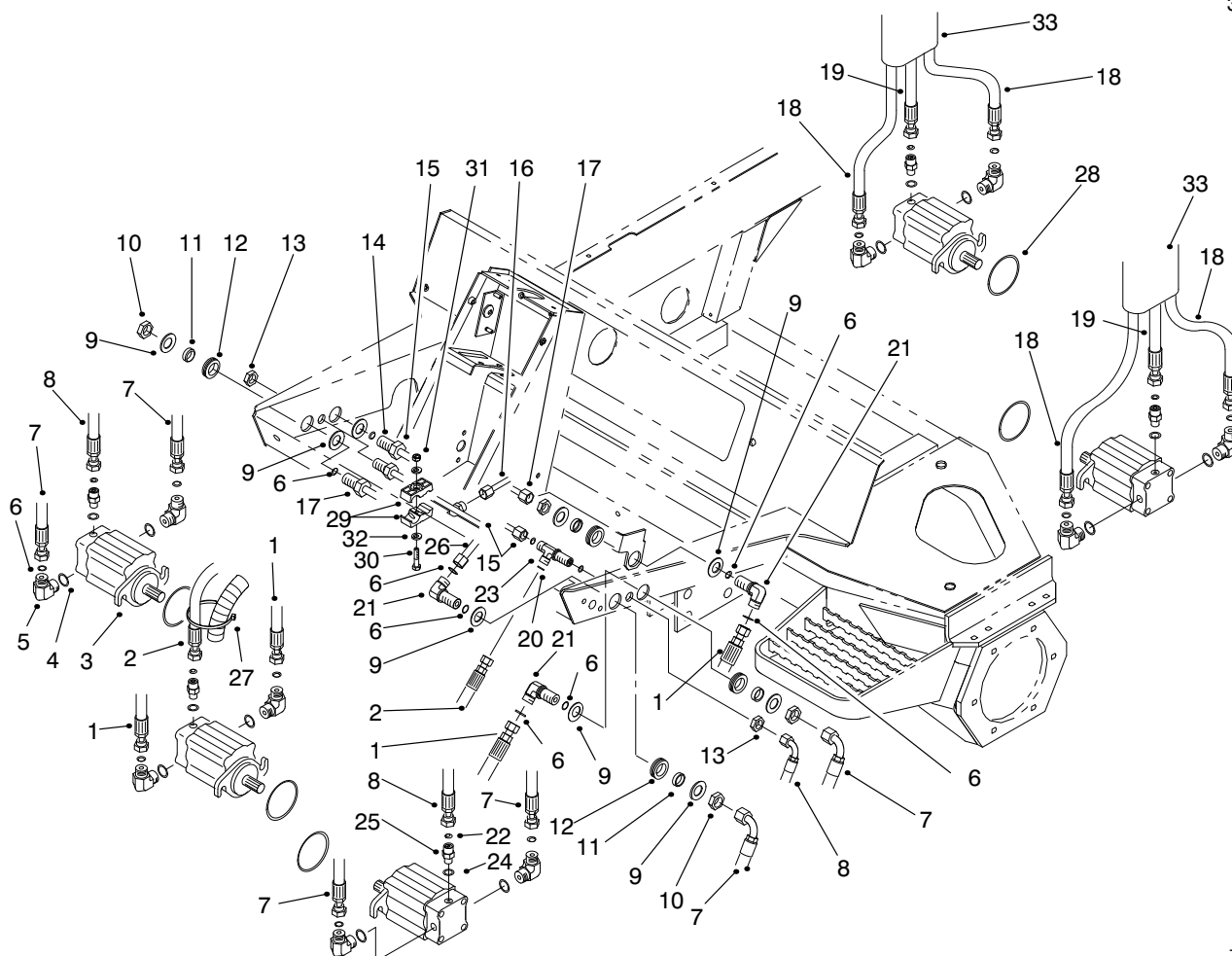


T-2366-9

FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
27	94-2943	Decal-Service (Portuguese)	1	42	93-7592	Tread-Footrest	2
27	94-2944	Decal-Service (Spanish)	1	43	75-0620	Tread-Foot, LH	1
27	94-2945	Decal-Service (Swedish)	1	*	75-0610	Tread-Foot, RH	1
27	94-2941	Decal-Service (Japan)	1	44	75-0630	Tread-Foot, Center	1
28	93-1262	Decal-Hillside	1	45	32128-33	Nut-HFH	3
28	94-4572	Decal-Hillside (Japan)	1	46	93-8744	Rivet-Pop	3
29	72-3560	Decal-4WD (Model 03804)	1	47	75-5780	Hinge-Cover	1
30	75-5810	Box-Tool	1	48	3256-1	Washer-Flat	3
31	93-0096	Decal-ACE	2	53	94-1410	Holder-Can, Beverage	1
32	322-3	Screw-HH	4	54	3234-18	Screw-HHF	2
33	3256-3	Washer-Flat	4	55	93-9425	Decal-Danger	1
34	93-6680	Decal-Fuel, Diesel	1	55	94-4579	Decal-Danger (Japan)	1
34	84-2860	Decal-Fuel, Diesel (Japan)	1	56	3234-7	Screw-HHF	9
35	93-6689	Decal-No Riders	1	57	93-7252	Decal-CE (Europe)	1
35	84-3420	Decal-No Riders (Japan)	1	58	66-6480	Washer	2
36	75-3860	Fender-LH	1	59	66-2920	Washer	4
37	3234-14	Screw-HHF	10	61	17-9420	Screw-Handle	1
38	94-9953	Frame-Front (Incl. Ref. #42, 43 & on Page 67, #21)	1	62	32128-20	Nut-HFH	2
39	75-1390	Cover-Access, Front	1	63	98-5398	Asm-Latch, Hood	1
40	75-1410	Plate-Access, Floor	1	64	99-8970	Key-Latch, Hood	1
				65	98-9321	Ring-Key	1

*Not Illustrated

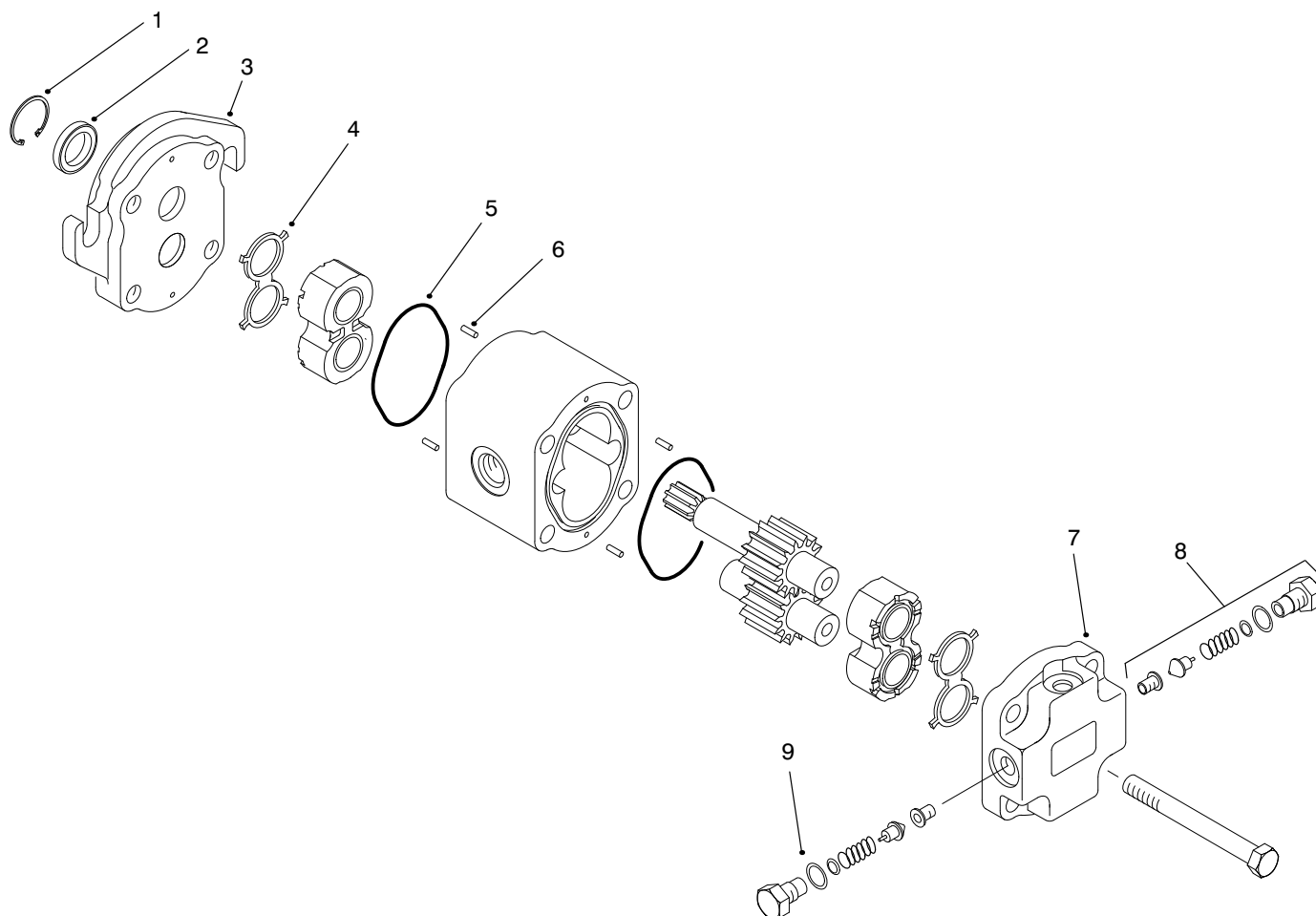


T-2090-5

REEL MOTORS & HOSES

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-7556	Asm-Hose	2	18	99-5613	Asm-Hose	4
2	92-7560	Asm-Hose	1	19	99-5614	Asm-Hose	2
3	98-9999	Motor-Hydraulic	5	20	237-22	O-Ring	3
4	237-79	O-Ring	10	21	93-9151	Fitting-Hydraulic 90° (Incl. Ref. #6)	3
5	340-98	Fitting-Hydraulic 90° (Incl. Ref. #4 & 6)	10	22	237-21	O-Ring	5
6	237-30	O-Ring	18	23	340-68	Fitting-Hydraulic, Tee (Incl. Ref. #20)	1
7	92-7555	Asm-Hose	4	24	237-78	O-Ring	5
8	92-7559	Asm-Hose	2	25	340-92	Fitting-Hydraulic (Incl. Ref. #22 & 24)	5
9	69-8930	Washer	10	26	93-4217	Asm-Tube	1
10	340-127	Nut-Bulkhead	5	27	3290-378	Tie-Cable	1
11	69-8960	Spacer	5	28	93-9783	O-Ring	10
12	240-5	Grommet	5	29	56-7972	Clamp-Tube	4
13	340-70	Nut-Bulkhead	2	30	322-7	Screw-HH	2
14	93-4216	Asm-Tube (Incl. Ref. #6)	1	31	3296-47	Nut-Lock	2
15	93-4223	Asm-Tube, Front Drain (Incl. Ref. #20)	1	32	3256-23	Washer-Flat	4
16	93-4222	Asm-Tube, Drain Return	1	33	99-5617	Sleeve-Protective	2
17	93-4219	Asm-Tube, #1 Bulkhead (Incl. Ref. #6)	1				

3322-892



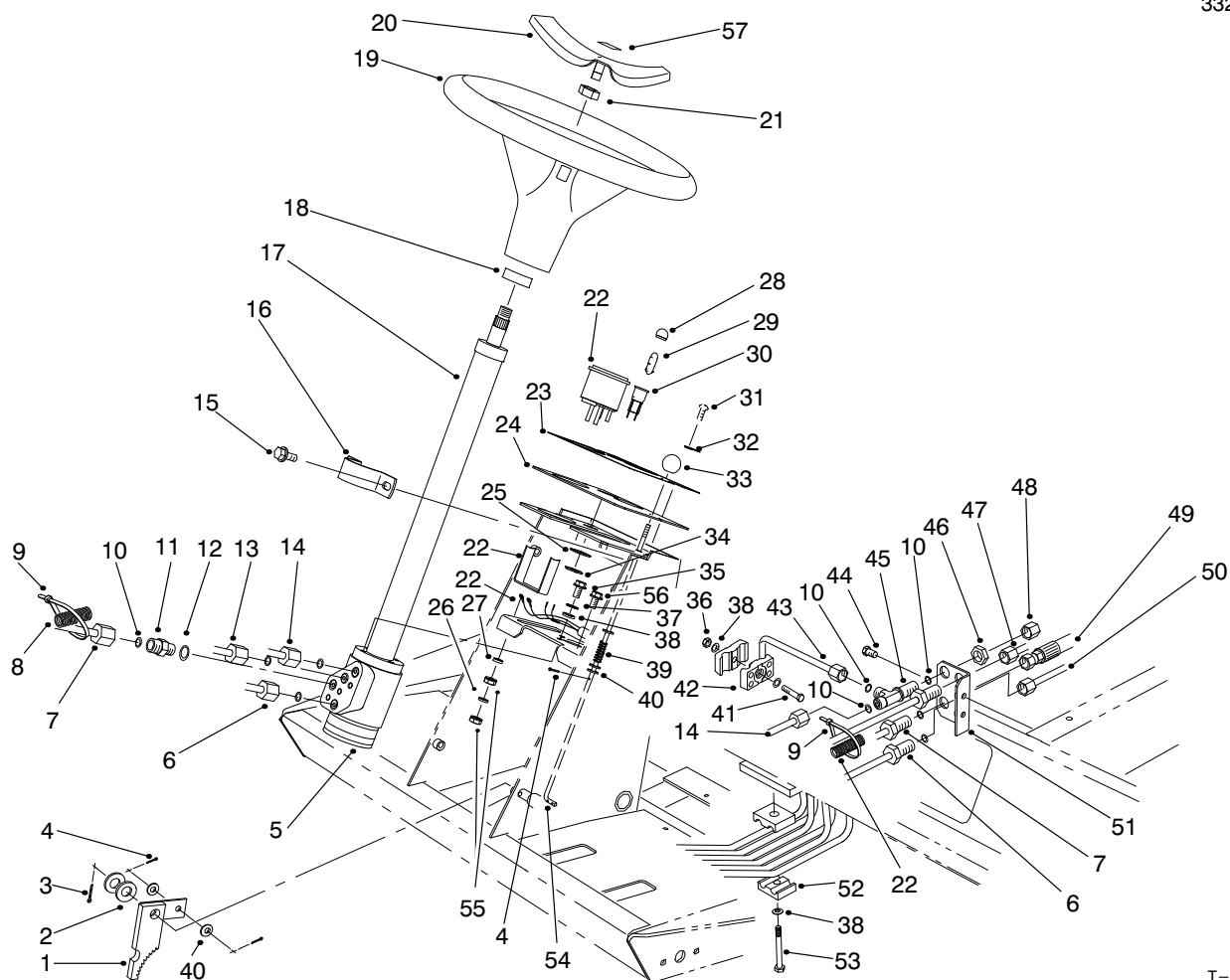
T-2091-1

REEL MOTOR ASSEMBLY NO. 98-9999

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
*	98-9997	Kit—Seal (Incl. Ref. #1, 2, 4, 5 & 9)	1
*	93-9154	Kit—Valve Block (Incl. Ref. #6 & 7)	1

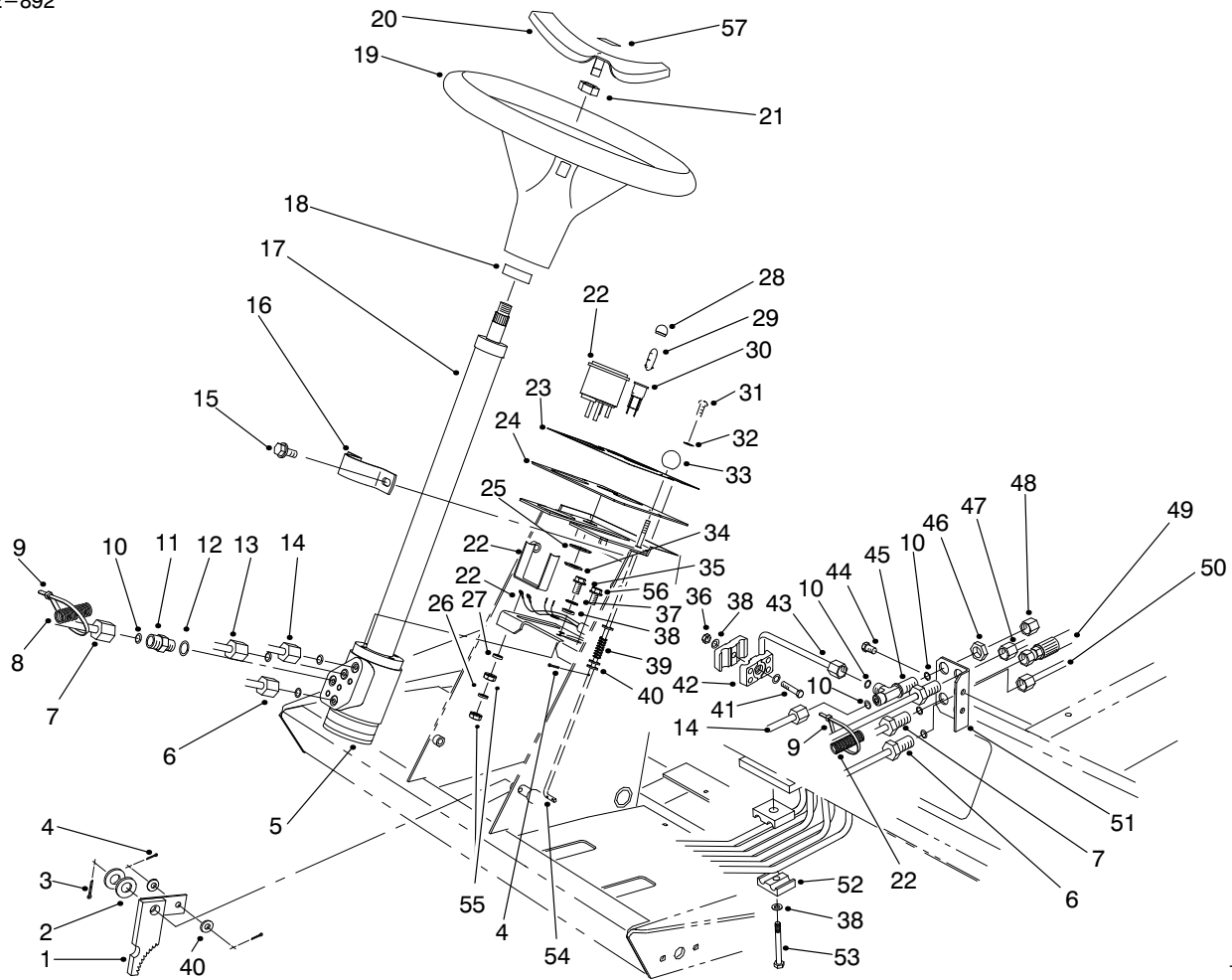
*Not Illustrated



T-2447-5

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	63-7900	Rack	1	24	93-7998	Plate-Instrument	1
2	3256-26	Washer-Flat	2	25	218-536	Washer-Lock	1
3	3272-10	Pin-Cotter	1	26	3253-2	Washer-Lock	3
4	3272-5	Pin-Cotter	3	27	3256-14	Washer-Flat	2
5	99-8958	Asm-Valve, Steering	1	28	218-533	Lens-Red	1
6	94-3059	Tube-Steering, RH	1	29	93-7480	Bulb-LED	1
7	94-3061	Tube-Steering, Front, In	1	30	44-2210	Asm-Light, Warning (Incl. Ref. #25, 28, 29, & 34)	1
8	99-8963	Harness-Wire, Main	1	31	87-6620	Screw-Torx Pan Hd.	2
9	3290-378	Tie-Cable	7	32	3256-1	Washer-Flat	2
10	237-22	O-Ring	10	33	233-17	Knob	1
11	340-2	Adapter (Incl. Ref. #10 & 12)	4	34	218-535	Nut-Lock	1
12	237-42	O-Ring	4	35	33103-025	Screw-HHF	1
13	94-3060	Tube-Steering, Front LH	1	36	3296-47	Nut-Lock	1
14	94-3062	Tube-Steering, Front, Out	1	37	3255-8	Washer-Lock	1
15	3234-7	Screw-HHF	2	38	3256-23	Washer-Flat	6
16	75-2810	Bracket-Column, Steering	1	39	95-1821	Spring-Brake, Park	1
17	94-9951	Asm-Column, Steering	1	40	3256-22	Washer-Flat	5
18	21-9260	Cover-Dust	1	41	322-7	Screw-HH	1
19	98-1471	Wheel-Steering (Incl. Ref. #20)	1	42	56-7972	Clamp	2
20	88-3870	Cover	1	43	94-1447	Tube-Steering, Return	1
21	94-9952	Nut-Jam	1	44	32144-11	Screw-Thread Forming	2
22	93-4213	Asm-Speedometer (Incl. Ref. #26, 27 & 55)	1	45	340-68	Fitting-Tee, Bulkhead (Incl. Ref. #10)	1
23	93-1263	Decal-Tower	1	46	340-70	Nut-Lock, Bulkhead	4
23	94-4573	Decal-Tower (Japan)	1	47	92-7495	Asm-Tube, Steering Rear	1
				48	340-117	Cap-Fitting	1

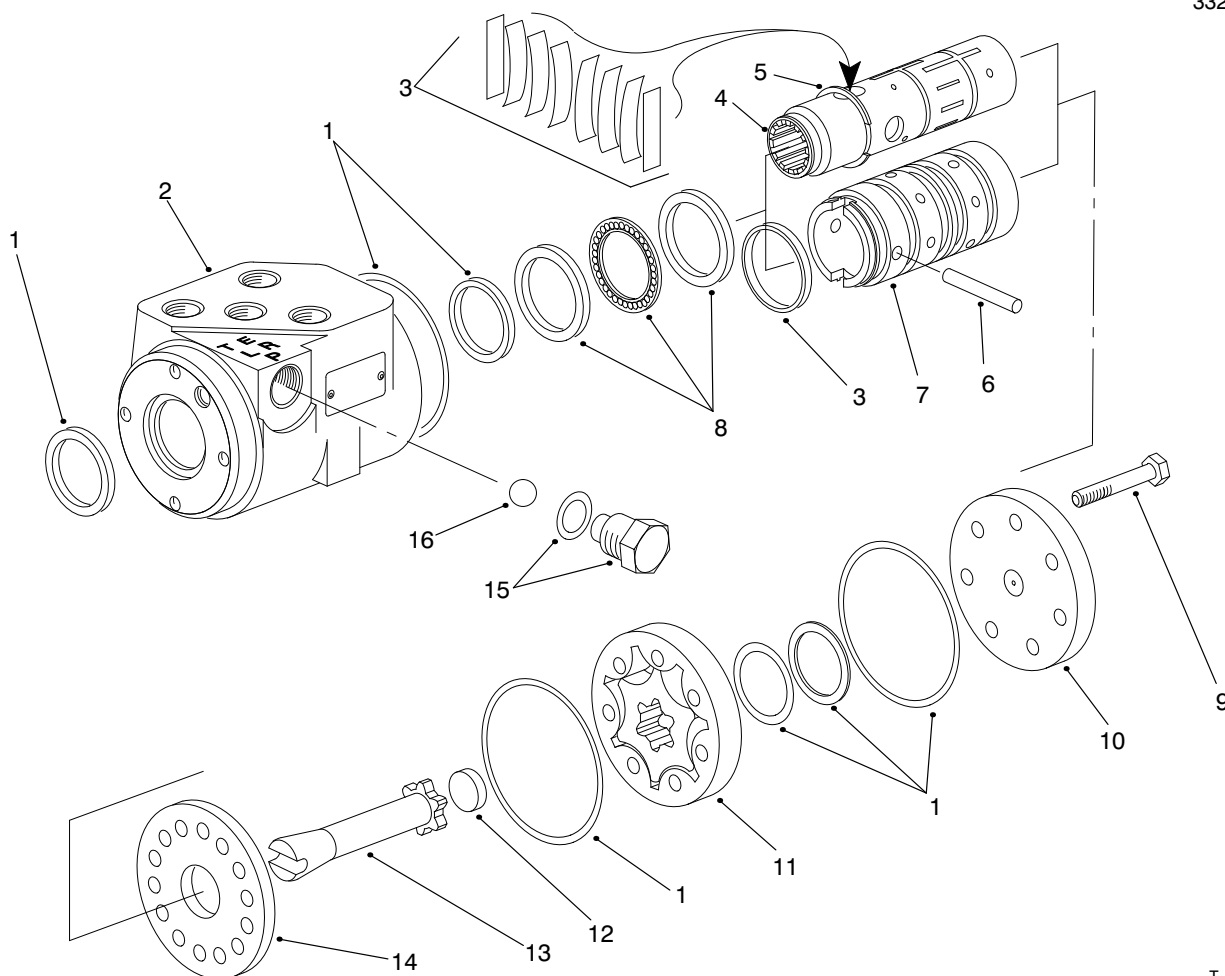


T-2447-5

STEERING TOWER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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
53	322-6	Screw-HH	3

Ref. No.	Part No.	Description	No. Used
54	75-1490	Rod-Brake, Park	1
55	3219-14	Nut-Hex.	9
56	33103-020	Screw-HHF	2
57	98-1459	Decal-Toro	1

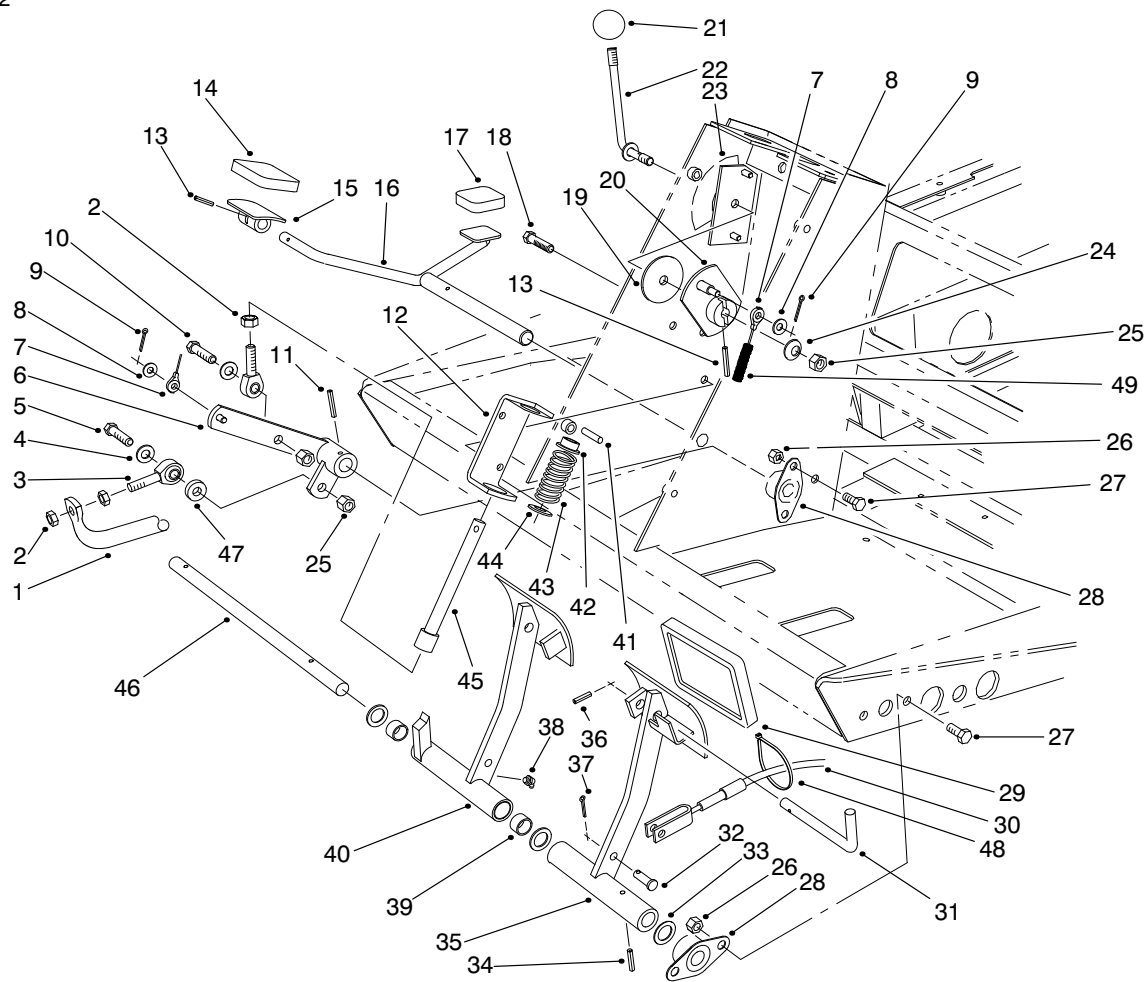


T-2312-3

STEERING VALVE ASSEMBLY NO. 99-8958

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.



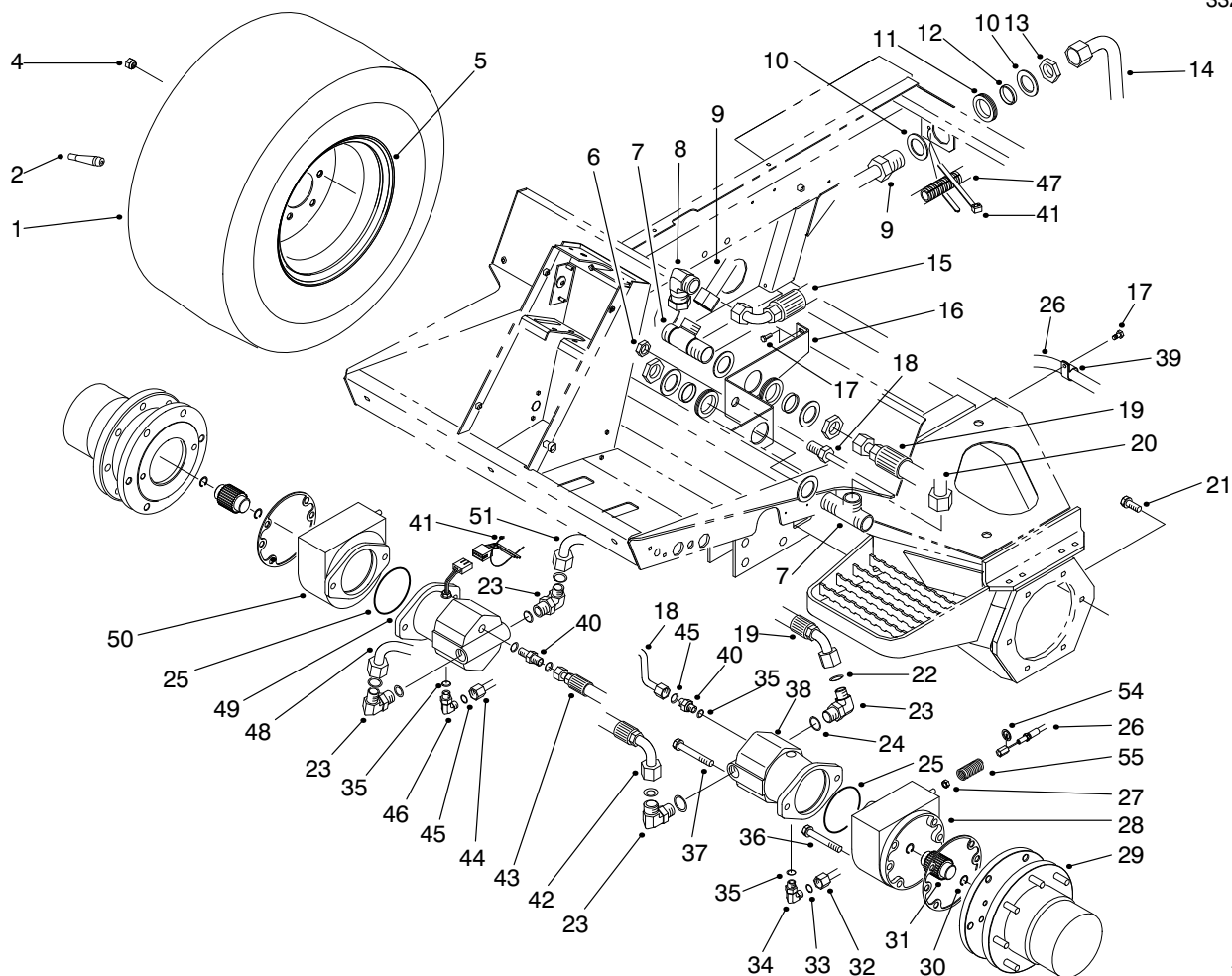
T-2063-4

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-HH	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-HH	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-HWH	2
19	75-6550	Disc-Friction	1
20	75-6510	Bracket-Lever	1
21	233-42	Knob	1
22	75-6490	Lever	1
23	93-6699	Decal-Fast/Slow	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-HFH	8
27	322-3	Screw-HH	8
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	95-7151	Tube-Convolute	1

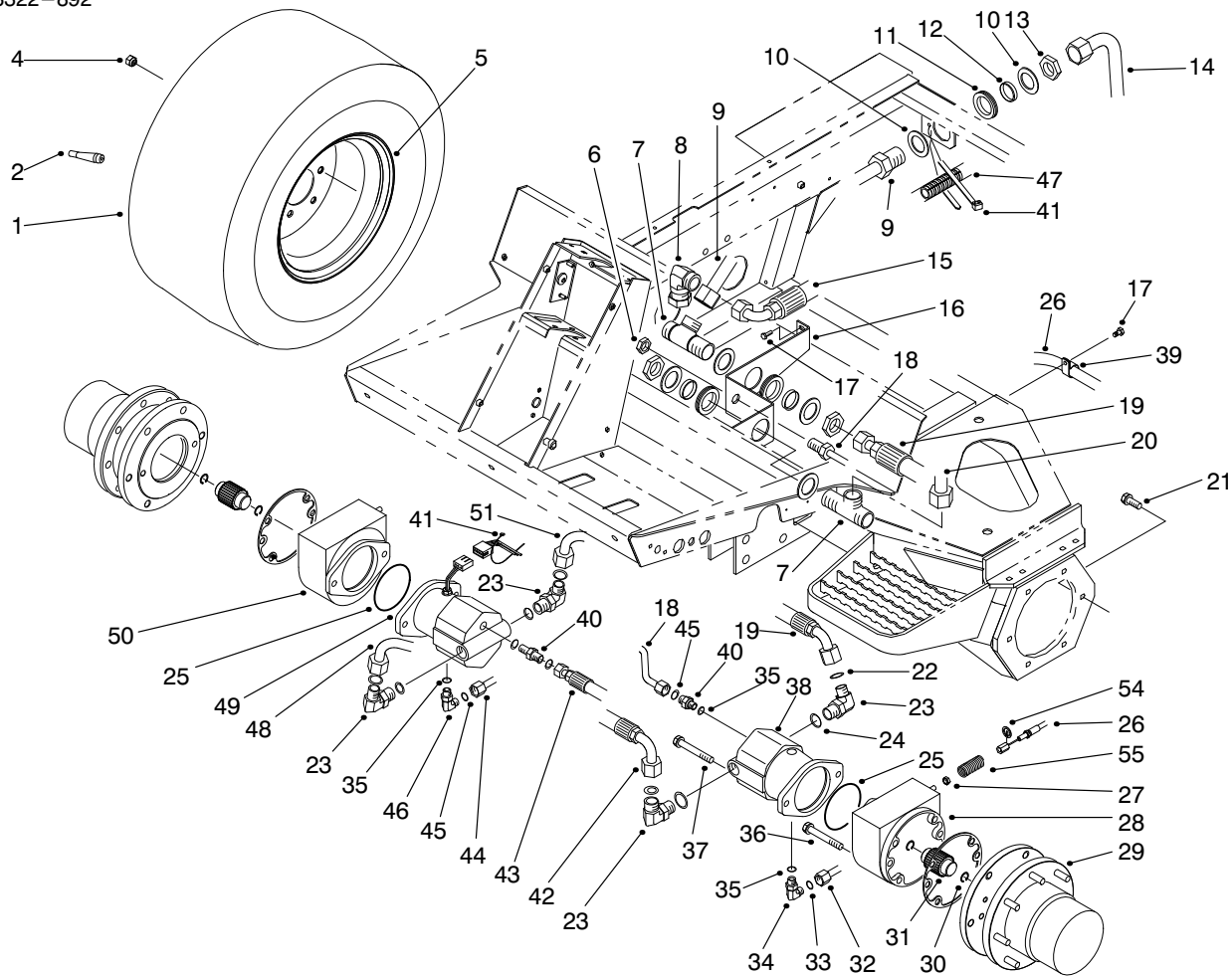
*Not Illustrated



T-2069-2

FRONT HYDRAULIC DRIVE & BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	95-3465	Tire	2	14	92-7473	Asm-Tube, Rear (Model 03804)	1
2	232-24	Stem-Valve	2	15	92-7634	Asm-Hose, Traction (Model 03803)	1
4	92-7483	Nut-Lug	16	16	92-7455	Plate-Bulkhead	1
5	95-3464	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 03803)	1	20	92-7485	Asm-Hose	1
9	92-7474	Asm-Tube, Front (Model 03804)	1	21	33106-030	Screw-HHF	12
10	69-8920	Washer (Model 03803)	4	22	237-58	O-Ring	4
10	69-8920	Washer (Model 03804)	6	23	340-142	Fitting-Hydraulic 90° (Incl. Ref. #22 & 24)	4
11	240-2	Grommet (Model 03803)	2	24	237-81	O-Ring	4
11	240-2	Grommet (Model 03804)	3	25	237-166	O-Ring	2
12	69-8950	Spacer (Model 03803)	2	26	92-7530	Cable-Brake, LH	1
12	69-8950	Spacer (Model 03804)	3	27	3218-4	Nut-Jam	2
13	340-128	Nut-Bulkhead (Model 03803)	2	28	92-7417	Asm-Brake, LH	1
13	340-128	Nut-Bulkhead (Model 03804)	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-HHF	8



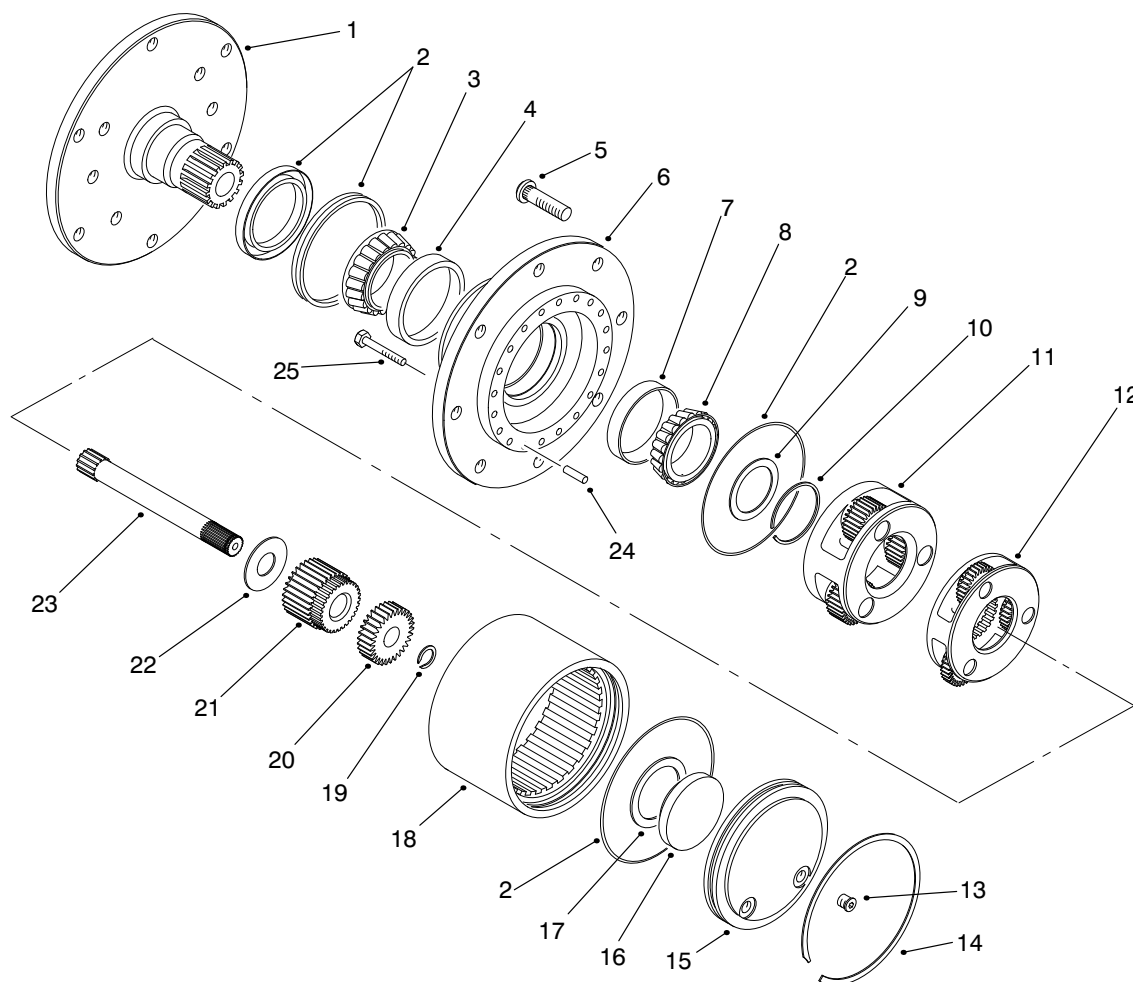
T-2069-2

FRONT HYDRAULIC DRIVE & BRAKE ASM (Continued)

Ref. No.	Part No.	Description	No. Used
37	33116-120	Screw-HH	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	99-8963	Harness-Wire, Main	1
48	92-7476	Asm-Tube, Traction	1
49	93-7476	Motor-Hydraulic W/Sensor	1
50	92-7414	Asm-Brake, RH	1
51	92-7475	Asm-Tube, Traction	1
*53	340-65	O-Ring	6
54	94-3050	Plate-Spring	2
55	94-3088	Spring-Brake	2

*Not Illustrated

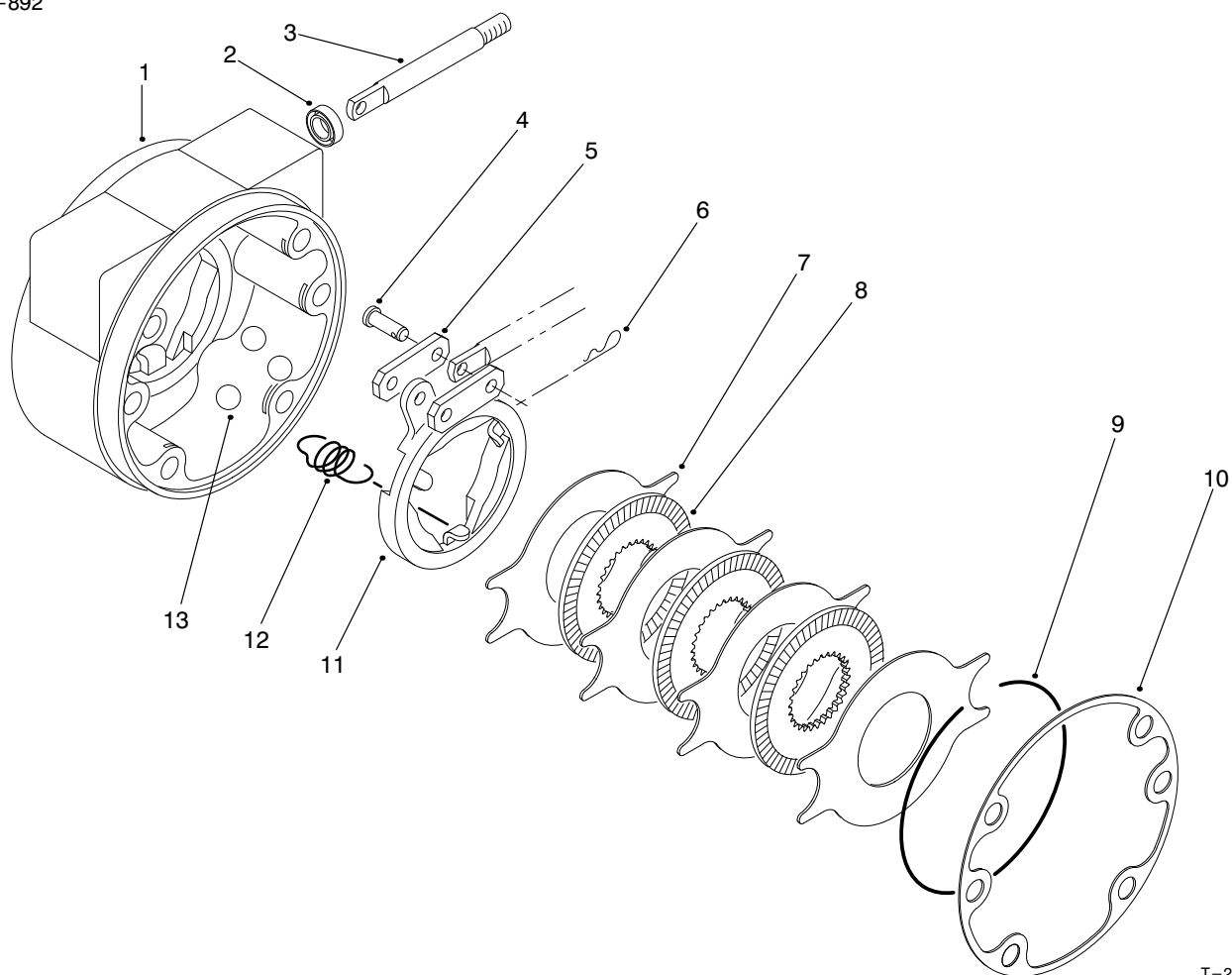


T-2070-1

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

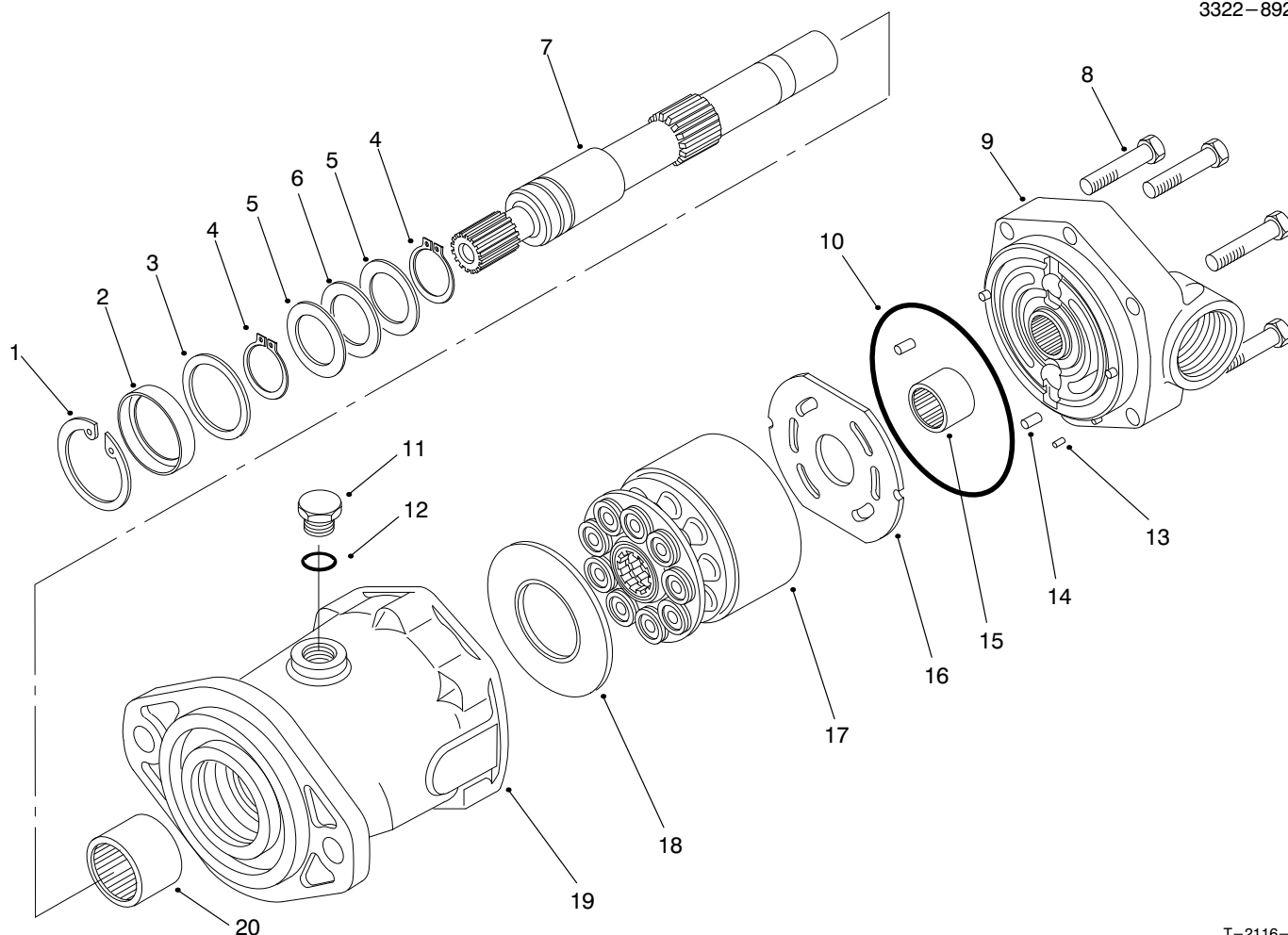
BRAKE ASSEMBLY 92-7414 RH & 92-7417 LH (Shown)

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

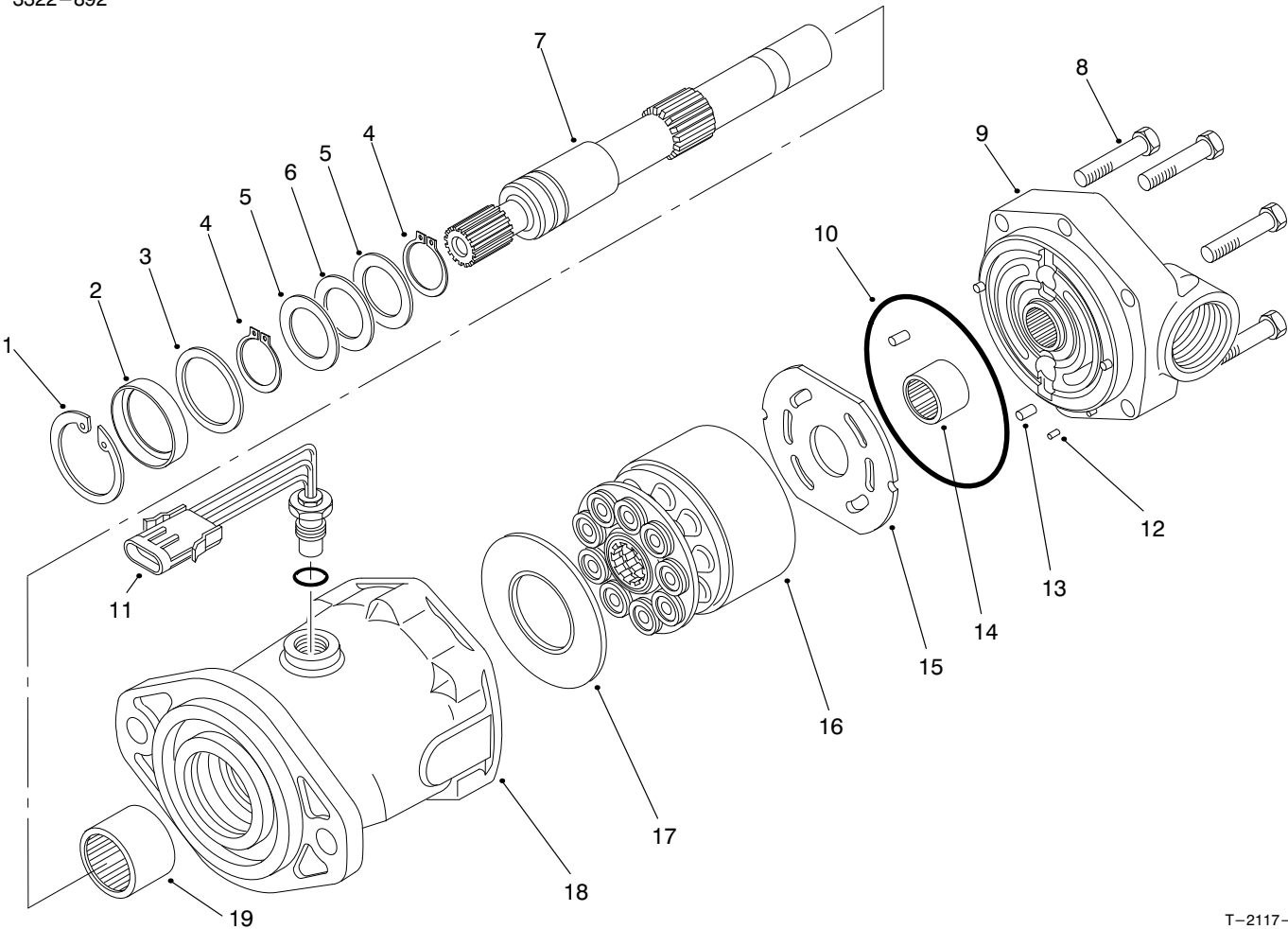
†Not Serviced Separately



T-2116-1

HYDRAULIC MOTOR ASSEMBLY NO. 92-7385 RH

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		Bearing-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 (Incl. Ref. #20)	1
9	94-3005	Asm-Backplate (Incl. Ref. #13-15)	1	20		Bearing-Needle	1
10	76-6980	O-Ring	1				
11	94-3009	Asm-Plug (Incl. Ref. #12)	1				

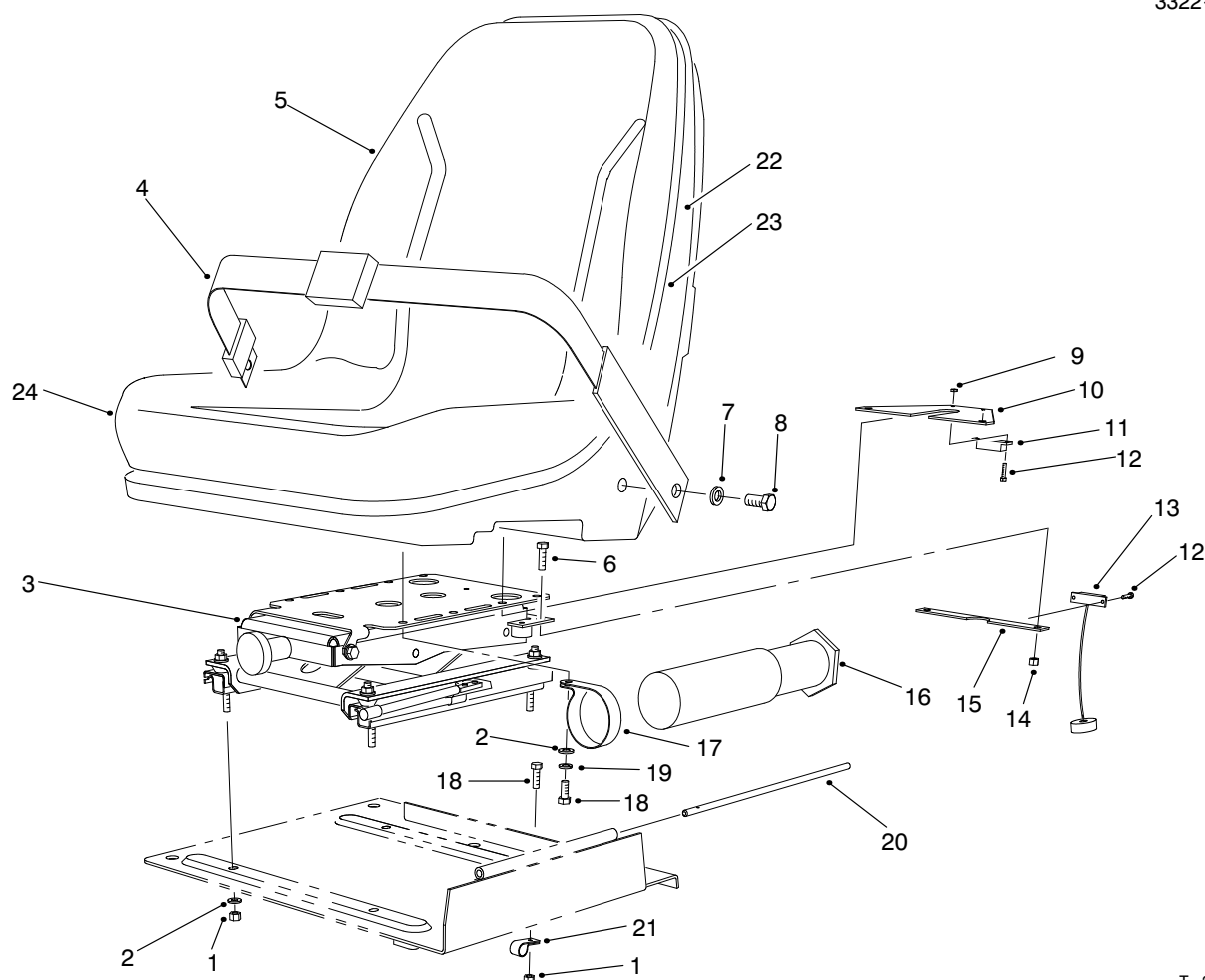


T-2117-1

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

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

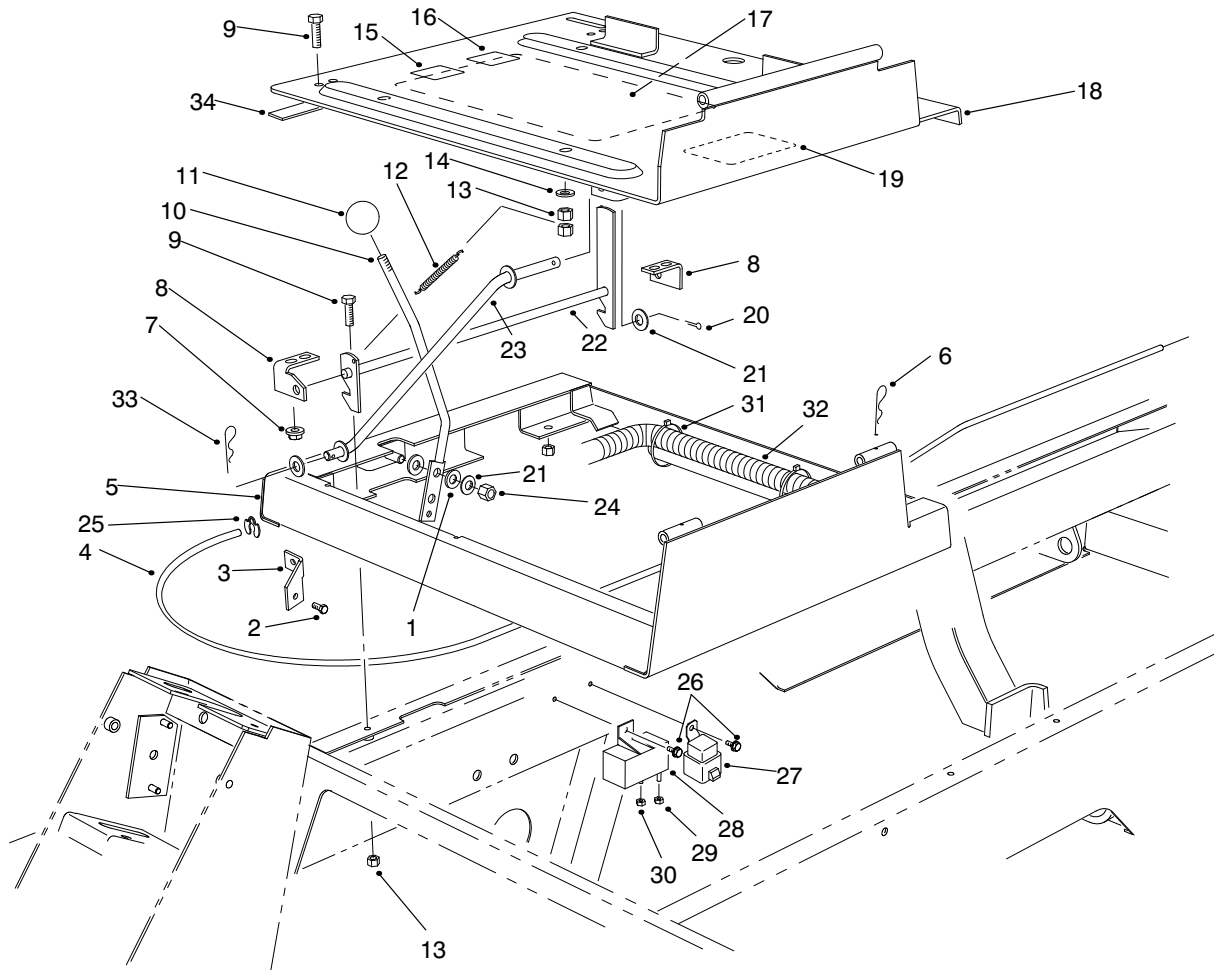
Ref. No.	Part No.	Description	No. Used
11	94-3010	Sensor-Speed Pickup	1
12		Pin-Dowel	1
13		Pin-Dowel	3
14		Bearing-Needle	1
15	94-3003	Plate-Valve	1
16	76-6910	Kit-Rotating	1
17	76-6970	Insert-Camplate	1
18	94-3006	Housing (Incl. Ref. #19)	1
19		Bearing-Needle	1



T-2064-2

SEAT FRAME & THROTTLE ASSEMBLY

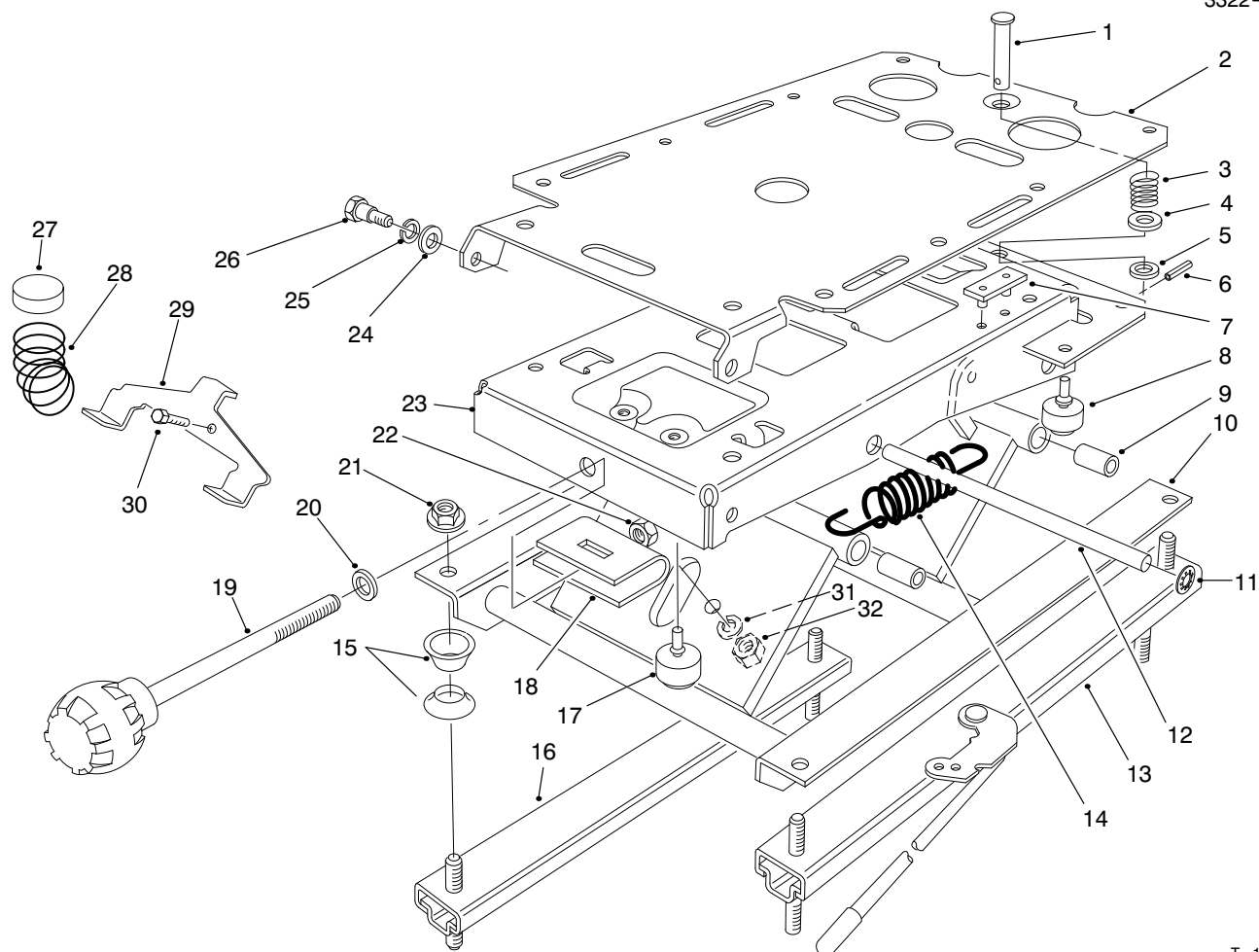
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-29	Nut-Lock	5	11	92-8753	Magnet-Switch, Reed	1
2	3256-23	Washer-Flat	8	12	3250-29	Screw-PH	4
3		Suspension-Seat	1	13	92-8001	Sensor-Switch, Reed	1
4	21-4191	Asm-Seat Belt (Model 03804 Only)	1	14	3296-39	Nut-Lock	2
5	92-1180	Asm-Seat (Incl. Ref. #22-24)	1	15	75-4360	Bracket-Suspension, Seat	1
6	323-4	Screw-HH	2	16	74-0720	Tube-Manual	1
7	3253-6	Washer-Lock (Model 03804 Only)	2	17	2412-133	Clamp-R	2
8	3212-4	Screw-HH (Model 03804 Only)	2	18	322-3	Screw-HH	2
9	3296-54	Nut-Lock	4	19	3253-4	Washer-Lock	4
10	75-4370	Bracket-Seat	1	20	75-3400	Shaft-Pivot, Seat	1
				21	2412-93	Clamp-R	1
				22	92-6534	Shell	1
				23	351-78	Edging	1
				24	92-6533	Kit-Cushion	1



T-2065-2

SEAT FRAME & THROTTLE ASSEMBLY (Continued)

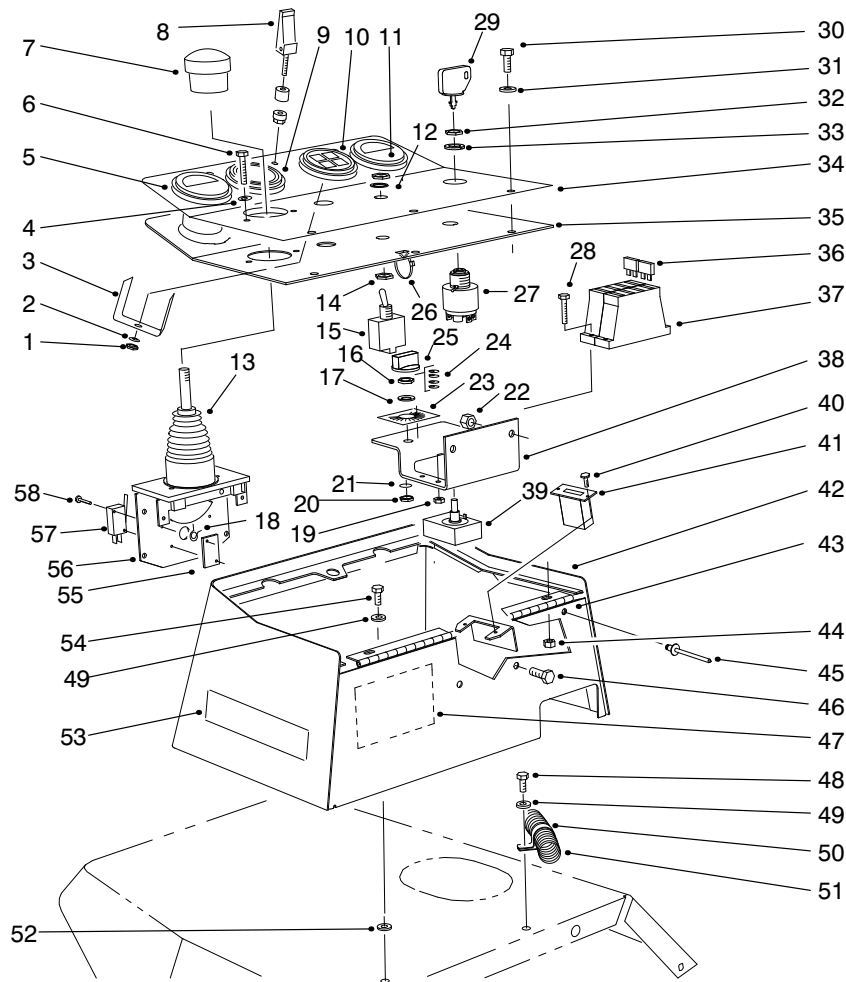
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	66-2920	Washer-Nylon	2	18	98-2350	Plate-Seat	1
2	49-2040	Screw-HH	1	19	98-8108	Decal-Rear Manifold Block	1
3	92-7396	Mount-Cable	1	19	94-2919	Decal-Rear Manifold (Japan)	1
4	92-7520	Cable-Throttle	1	20	3272-10	Pin-Cotter	1
5	98-2352	Frame-Seat	1	21	3256-24	Washer-Flat	3
6	3290-467	Pin-Cotter, Hair	1	22	98-2354	Latch-Seat	1
7	32128-25	Nut-HFH	4	23	75-3680	Rod-Seat	1
8	98-2353	Bracket-Latch, Seat	2	24	3296-39	Nut-Lock	1
9	322-3	Screw-HH	8	25	52-5910	Ring-Retaining	1
10	93-7598	Lever-Throttle	1	26	32144-10	Screw-HWHTF	2
11	233-42	Knob	1	27	70-1480	Relay	1
12	66-4190	Spring	1	28	76-5260	Relay-Glow Plug	1
13	3296-29	Nut-Lock	9	29	48-7880	Nut	1
14	3256-23	Washer-Flat	4	30	48-7890	Nut	1
15	63-9920	Decal-EEC 105 DBA	1	31	3290-378	Tie-Cable	2
16	85-6910	Decal-EEC 86 DBA	1	32	99-8963	Harness-Wire, Main	1
17	98-8110	Decal-Instructions, Clip	1	33	3290-307	Pin-Cotter, Hair	1
17	95-3477	Decal-Clip (Japan)	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-Flat	1	21	32128-26	Nut-HFH	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-HH	1
15	66-9290	Spacer	6	31	3253-33	Washer-Lock	1
16	66-8530	Adjuster	1	32	3217-6	Nut-Jam	1



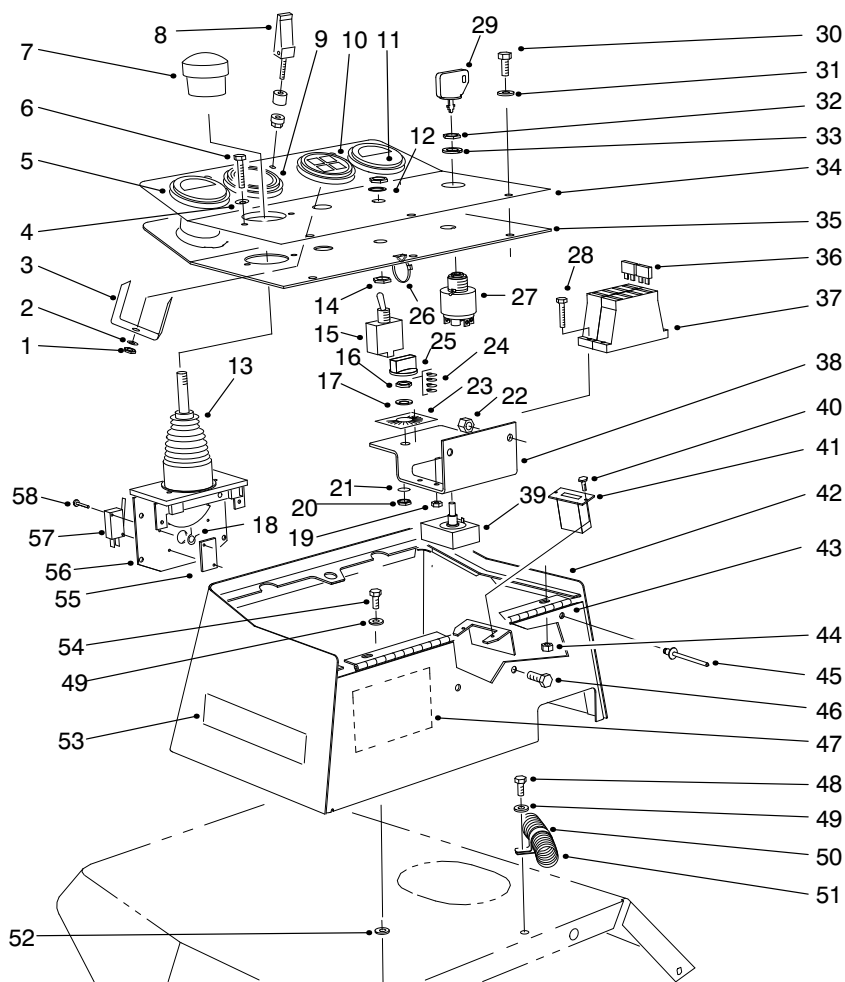
T-3219

CONTROL CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3217-26	Nut-Jam	1
2	3254-1	Washer-Lock	1
3		Clamp	1
4	3256-14	Washer-Flat	2
5	93-8497	Gauge-Fuel	1
6	3250-31	Screw-PH	2
7	3290-489	Knob-Control, Lift	1
8	74-5950	Latch-Swell	1
9	93-7484	Light-Warning Bank (Incl. Ref. #1-3 & 59-60)	1
10	93-7483	Light-Warning Bank (Incl. Ref. #1-3 & 59-60)	1
11	76-9060	Gauge-Temperature (Incl. Ref. #60-61)	1
12	218-589	Washer-Lock	1
13	94-8103	Boot-Control, Lift	1
14	218-498	Nut-Hex.	2
15	99-8352	Switch (Incl. Ref. #12, 14 & 67-68)	1
16	3220-24	Nut-Lock	1
17	3254-6	Washer-Lock	1
18	93-3625	Spring-Return, Joystick	1
19	3296-2	Nut-Lock	1
20		Nut-Lock	1
21		Washer-Lock	1
22	3296-42	Nut-Lock	2
23	93-1268	Decal-HOC Selector	1
23	94-4575	Decal-HOC Selector (Japan)	1

Ref. No.	Part No.	Description	No. Used
24	237-7	O-Ring	4
25	85-4480	Knob	1
26	3290-378	Tie-Cable	2
27	27-2360	Switch-Ignition (Incl. Ref. #38 & 39)	1
28	32105-13	Screw-HH	4
29	63-8360	Key-Ignition	1
30	3258-166	Screw-Round Head	3
31	3256-1	Washer-Flat	3
32	218-447	Nut-Hex.	1
33	218-446	Washer-Lock	1
34	99-8968	Decal-Console	1
34	99-8967	Decal-Console (Japan)	1
†35	94-1417	Cover-Box, Control	1
†36	218-594	Fuse-20A	1
†36	218-578	Fuse-10A	4
†36	218-581	Fuse-15A	1
†36	218-574	Fuse-7.5A	1
†36	94-6710	Fuse-2A	1
37	67-7160	Block-Fuse	2
38	93-7587	Bracket-Fuse Block	1
39	85-4470	Potentiometer (Incl. Ref. #18 & 19) Note: Replacement of this part requires recalibration of electronic controller by distributor after installation.	1
40	32144-18	Screw-HWH	2

†Included in Main Wiring Harness

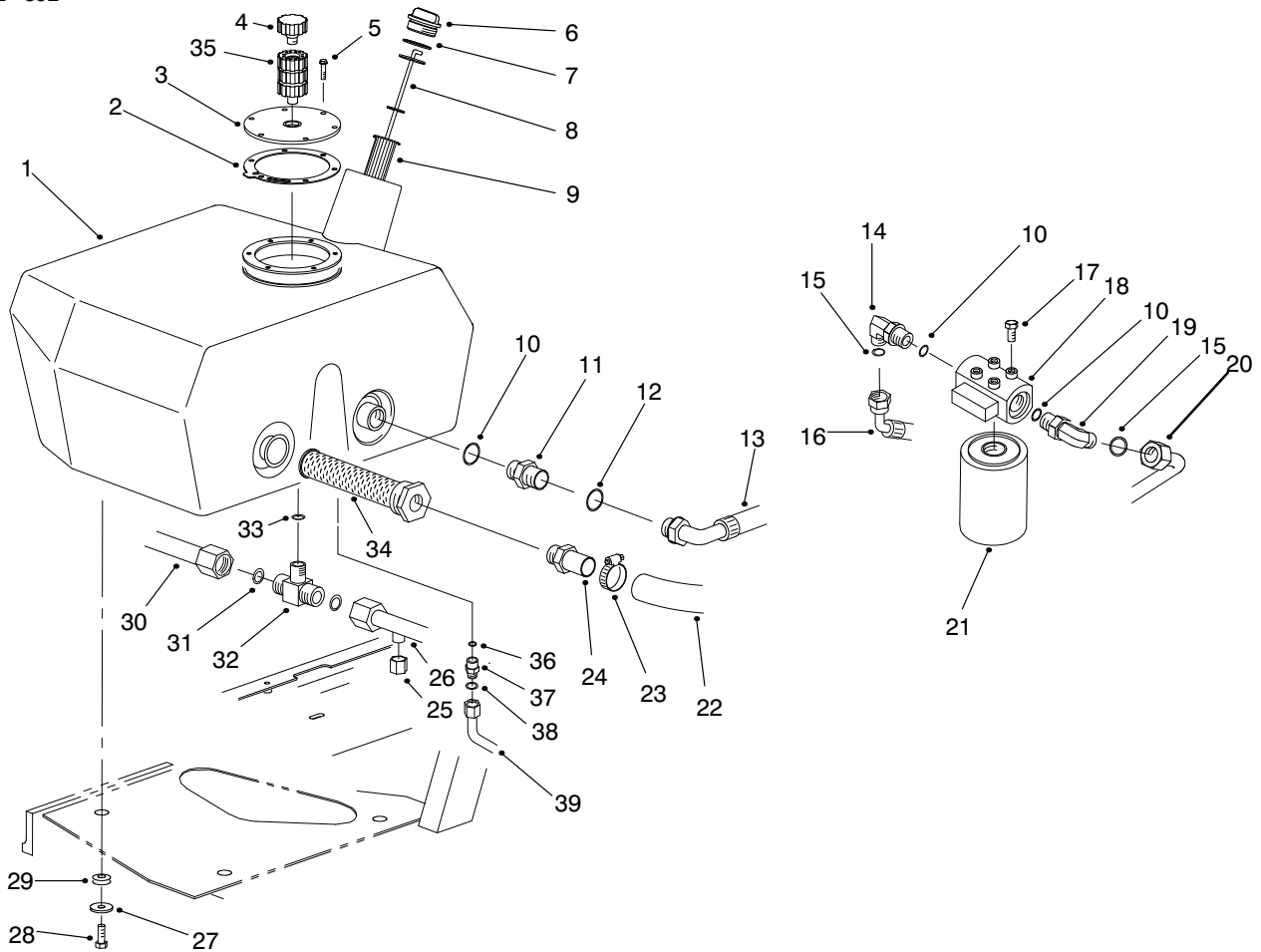


T-3219

CONTROL CONSOLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
41	75-6820	Hour Meter	1	56	98-2195	Lever-Control (Incl. Ref. #7, 13, 55, 57 & 58)	1
42	75-5740	Box-Control	1	57	94-8104	Switch-Micro	2
43	75-5780	Hinge-Cover	1	58	3290-93	Screw-HH	4
44	32128-33	Nut-HFH	3	*59	87-6270	Socket-Light	4
45	93-8744	Rivet-Pop	3	*60	219-17	Bulb	4
46	321-39	Screw-HH	2	*61	3217-25	Nut-Hex.	2
47	94-6349	Decal-Fuses	1	*62	3253-15	Washer-Lock	2
47	94-3091	Decal-Fuses (Japan)	1	*63	3217-29	Nut-Hex.	6
48	322-5	Screw-HH	1	*64	3255-24	Washer-Lock	3
49	3256-23	Washer-Flat	3	*65	3219-14	Nut-Hex.	8
50	2412-126	Clamp-R	1	*66	3253-2	Washer-Lock	5
51	99-8963	Harness-Wire, Main	1	*67	218-588	Screw	2
52	66-2920	Washer	3	*68	3255-19	Washer-Lock	2
53	93-6689	Decal-No Riders	1	*	94-6343	Decal-Wire Identification #1	1
53	84-3420	Decal-No Riders (Japan)	1				
54	322-3	Screw-HH	2				
55	3290-354	Plate-Nut	2				

*Not Illustrated

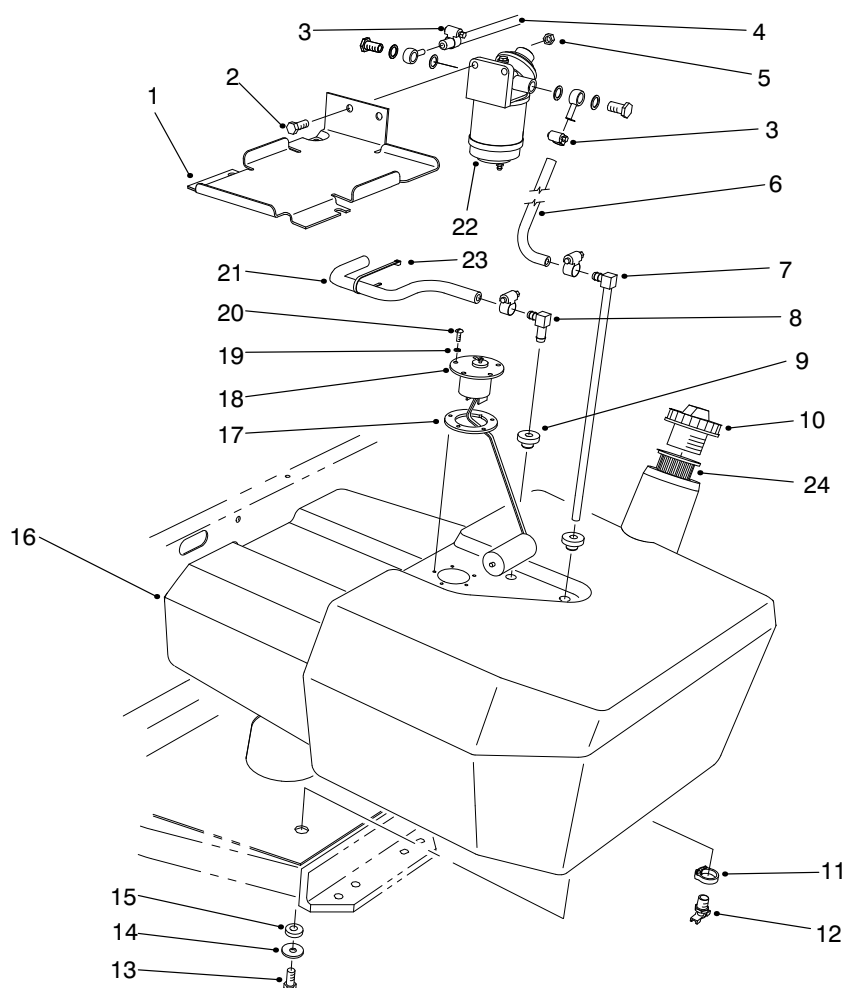


T-2067-1

HYDRAULIC FILTER & RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-7488	Tank-Hydraulic	1
2	93-7499	Gasket-Flange	1
3	99-2580	Cover-Tank	1
4	68-6150	Breather-Air	1
5	33104-020	Screw-HHF	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-HHF	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-HHF	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

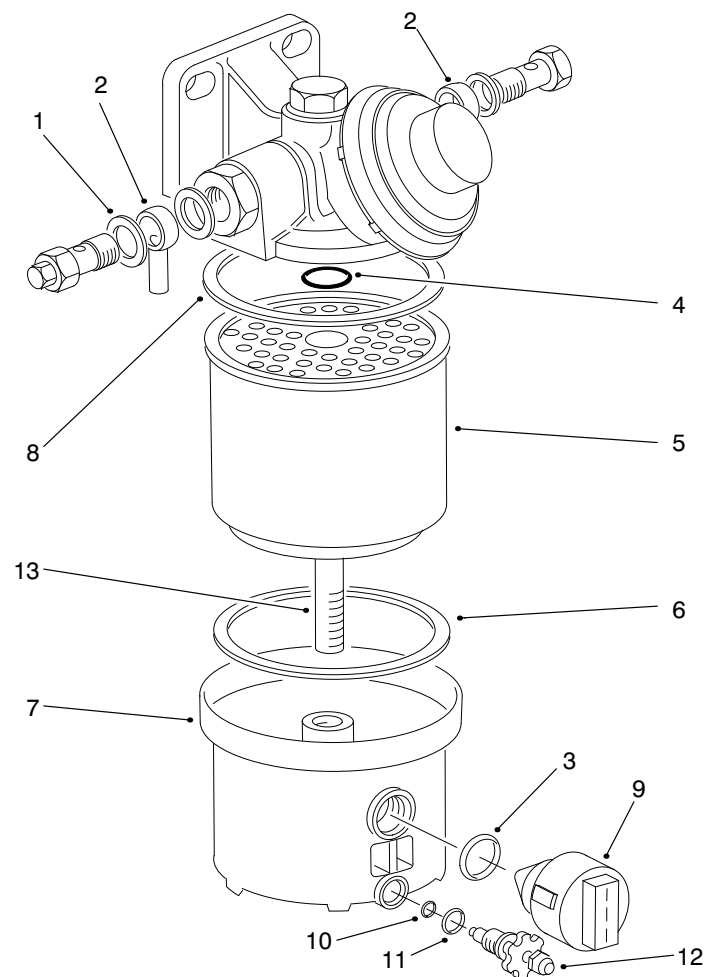


T-2068-1

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-HHF	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-HHF	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-TH	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-HHF	3				

†Furnished with engine.

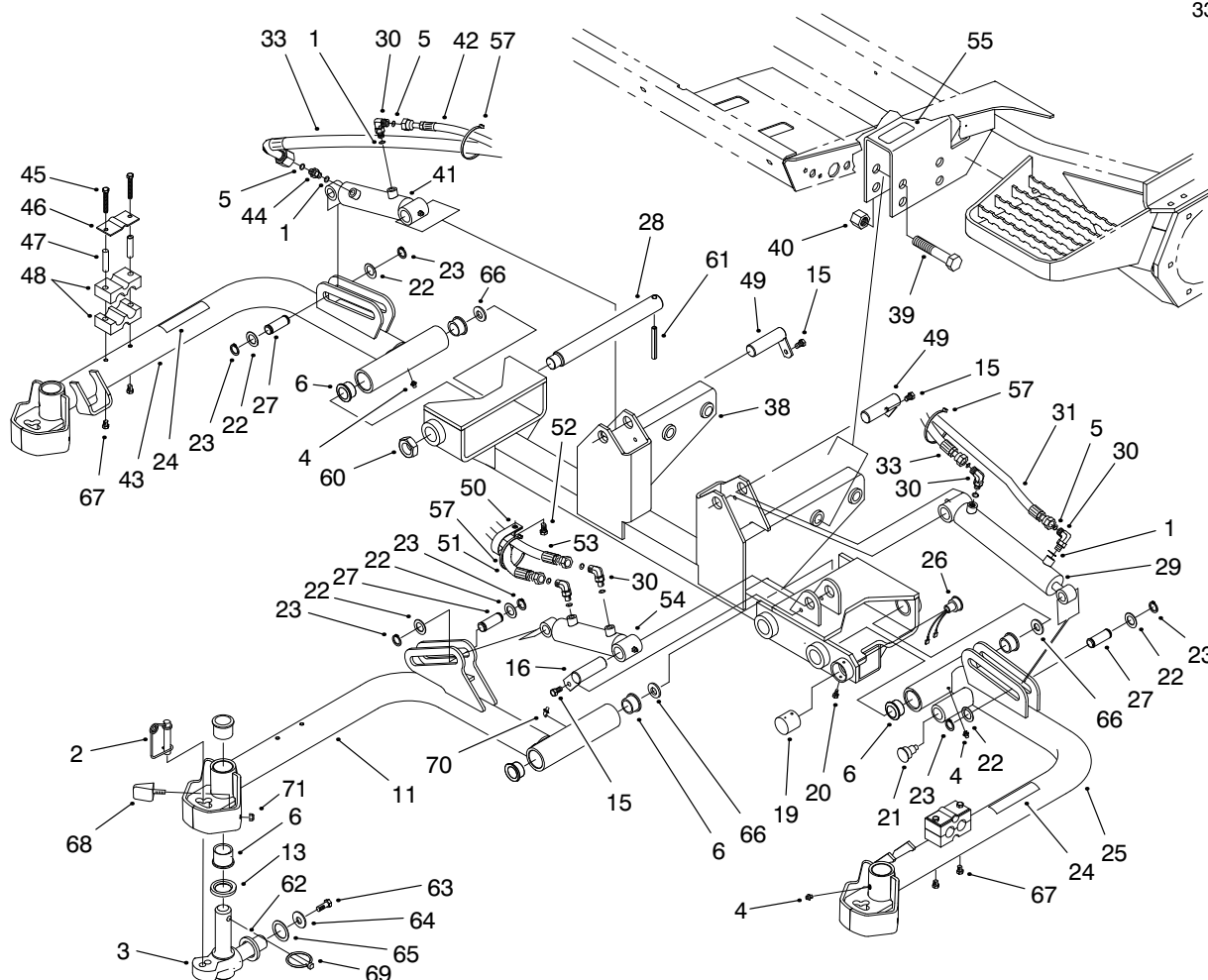


T-0966-2

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-5180	Washer-Copper	4
2	76-5190	Fitting-Adjustable	2
3	94-8025	O-Ring	1
4		O-Ring	1
5	76-5220	Element-Filter (Incl. Ref. #4, 6 & 8)	1
6		Seal-Gasket	1
7		Cap-Filter, Fuel	1
8		Seal-Gasket	1

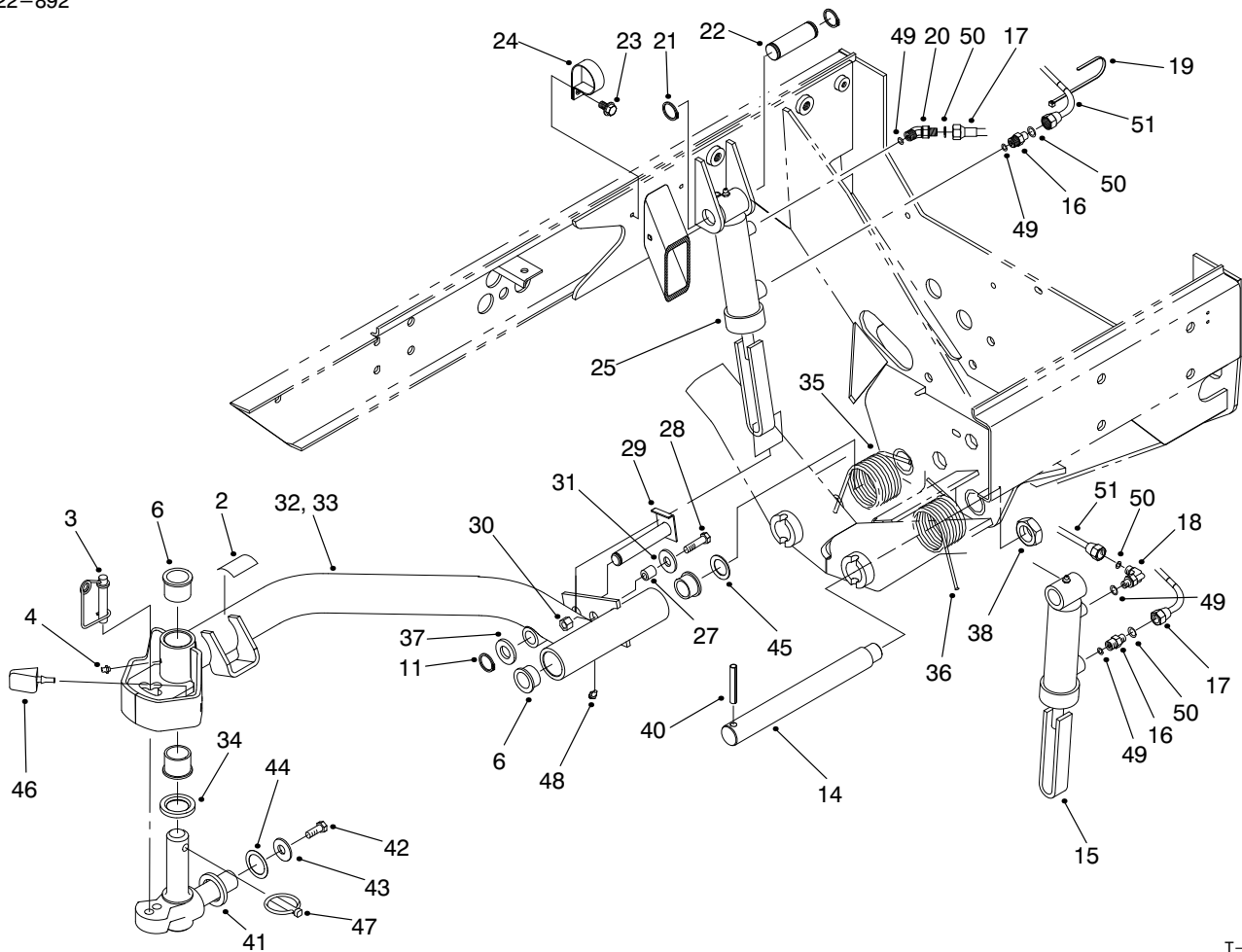
Ref. No.	Part No.	Description	No. Used
9	76-5320	Sensor-Water (Incl. Ref. #3)	1
10	94-8027	O-Ring	1
11	94-8028	O-Ring	1
12	94-8026	Asm-Vent (Incl. Ref. #10 & 11)	1
13		Bolt	1



T-2934-2

FRONT LIFT ARMS ASSEMBLY – NO. 1, 4 & 5

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	237-78	O-Ring	6	42	92-7564	Asm-Hose	1
2	99-5610	Pin	3	43	99-2565	Lift Arm #5	1
3	98-1880	Knuckle-Pivot	3	44	340-92	Fitting-Hydraulic (Incl. Ref. #1 & 5)	1
4	302-5	Fitting-Grease, Straight	6	45	60-6700	Screw-HH	6
5	237-21	O-Ring	6	46	93-7961	Clamp-Case Drain	3
6	94-8947	Bushing-Flange	12	47	93-7960	Spacer	6
11	99-2561	Asm-Lift Arm #1	1	48	82-8170	Clamp	6
13	94-8946	Washer	3	49	83-6780	Asm-Cylinder Pin	2
15	32144-14	Screw-HWH Thread Form	3	50	2412-96	Clamp-R	1
16	83-6790	Asm-Cylinder Pin	1	51	92-7565	Asm-Hose	1
19	75-6370	Cap-Sensor	1	52	322-4	Screw-HH	1
20	32104-76	Screw-TAP	2	53	92-7562	Asm-Hose	1
21	92-8754	Magnet-Reed Switch	1	54	93-2650	Cylinder-Hydraulic	1
22	94-9998	Washer-Thrust	6	55	93-6693	Decal-Floor Plate	1
23	94-9974	Ring-Retaining	6	57	3290-378	Tie-Cable	3
24	93-6687	Decal-No Step	2	60	3296-49	Nut-Lock	3
25	99-2564	Lift Arm #4	1	61	32121-110	Pin-Spring	3
26	92-8002	Sensor-Reed Switch	1	62	98-7974	Washer-Thrust	3
27	75-5350	Pin-Cylinder	3	63	98-7993	Screw-Flange	3
28	95-7158	Pin-Pivot	3	64	3256-6	Washer-Flat	3
29	98-8811	Cylinder-Hydraulic	1	65	3-6781	Washer-Thrust	3
30	340-132	Fitting-Hydraulic (Incl. Ref. #1 & 5)	5	66	76-2980	Washer-Thrust	3
31	82-6490	Hose	1	67	33114-010	Screw-HH	4
33	75-5890	Hose	1	68	99-5605	Bumper	6
38	99-5615	Asm-Carrier Frame	1	69	283-71	Pin-Lynch	3
39	328-7	Screw-HH	4	70	302-60	Fitting-Grease	1
40	3296-51	Nut-Lock	4	71	3296-29	Nut-Lock	6
41	98-8069	Cylinder-Hydraulic	1				

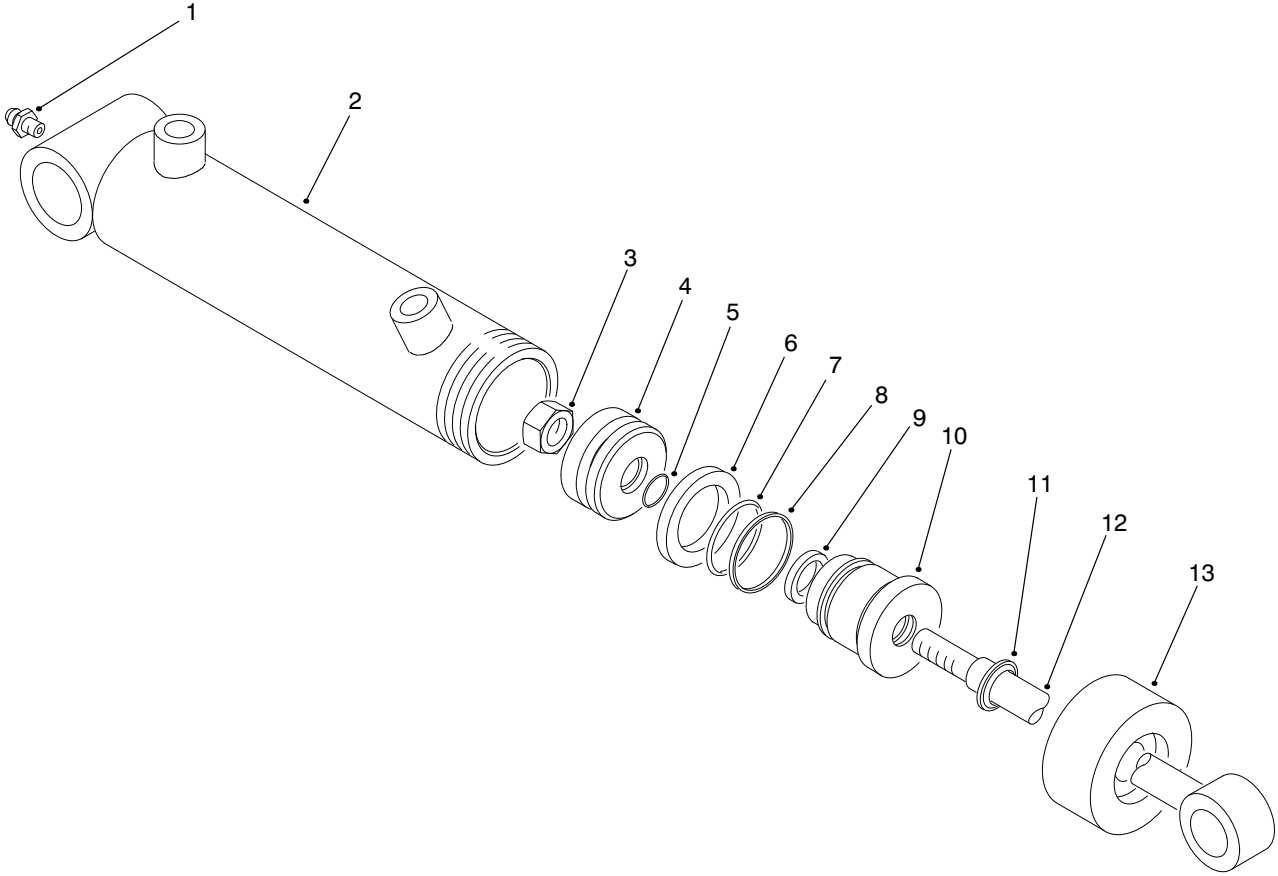


T-3218

REAR LIFT ARM ASSEMBLY – NO. 2 & 3

Ref. No.	Part No.	Description	No. Used
1	98-1880	Knuckle-Pivot	2
2	93-6696	Decal-Danger	2
3	99-5610	Pin	2
4	302-5	Fitting-Grease	2
6	94-8947	Bushing-Flange	8
11	94-9974	Ring-Retaining	2
14	95-7158	Pin-Pivot	2
15	98-8813	Cylinder-Hyd. No. 2	1
16	340-92	Fitting-Hydraulic (Incl. Ref. #49 & 50)	2
17	92-7636	Asm-Hose	1
18	340-132	Fitting-Hydraulic 90° (Incl. Ref. #49 & 50)	1
19	3290-378	Tie-Cable	2
20	340-103	Fitting-Hydraulic 45° (Incl. Ref. #49 & 50)	1
21	32151-36	Ring-Retaining	4
22	92-7548	Pin-Cylinder	2
23	32144-11	Screw-Thread Forming	1
24	2412-96	Clamp-R	1
25	98-8812	Cylinder-Hyd. No. 3	1
27	82-6840	Spacer	2
28	322-7	Screw-HH	2

Ref. No.	Part No.	Description	No. Used
29	99-2560	Pin	2
30	3296-29	Nut-Lock	2
31	3256-3	Washer-Flat	2
32	99-2563	Lift Arm-#3	1
33	99-2552	Lift Arm-#2	1
33	94-8946	Washer-PM	2
35	99-5608	Spring-Torsion, RH	1
36	99-5609	Spring-Torsion, LH	1
37	67-6570	Spacer-Wheel	2
38	3296-49	Nut-Lock	2
40	33104-010	Screw-HH	2
41	98-7974	Washer-Thrust	2
42	98-7993	Screw-Flange Head	2
43	3256-6	Washer-Flat	2
44	3-6781	Washer-Thrust	2
45	76-2980	Washer-Thrust	2
46	99-5605	Bumper	4
47	283-71	Pin-Lynch	2
48	302-11	Fitting-Grease	2
49	237-78	O-Ring	4
50	237-21	O-Ring	4
51	92-7638	Asm-Hose	1

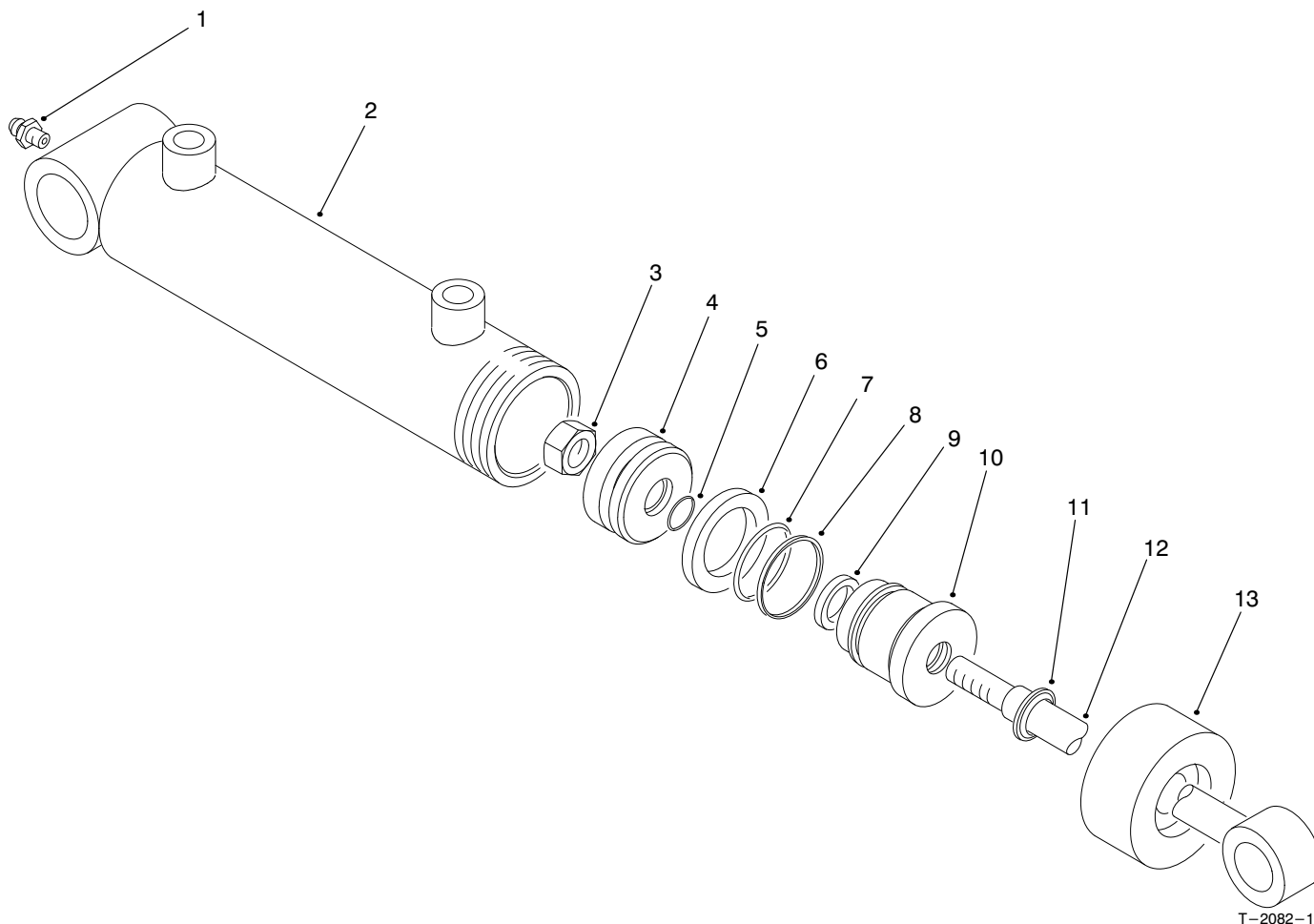


T-2084-1

HYDRAULIC CYLINDER NO. 1 (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		Asm-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



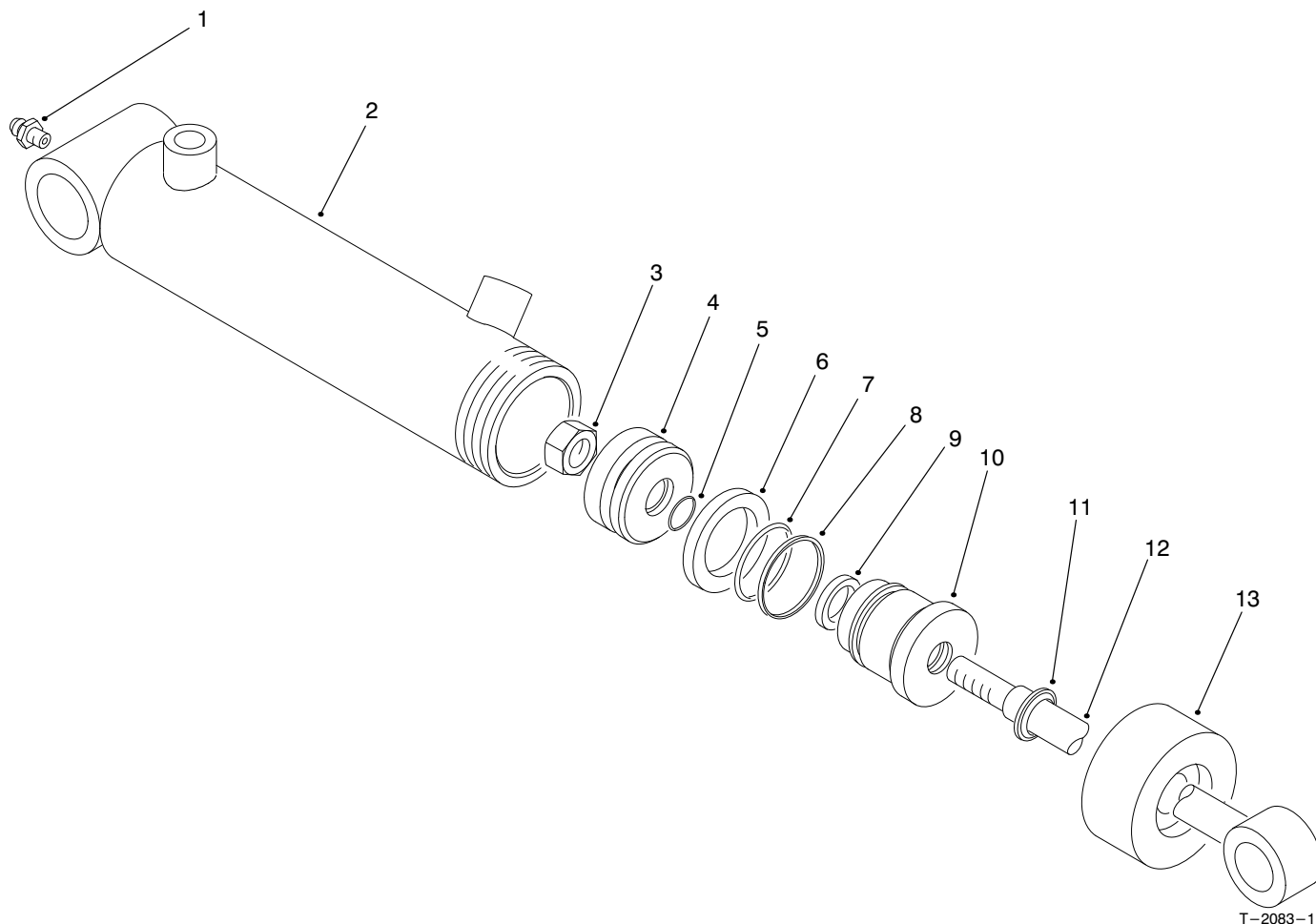
HYDRAULIC CYLINDER NO. 4 (98-8811)

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting—Grease	1
†2		Asm—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	98-7353	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



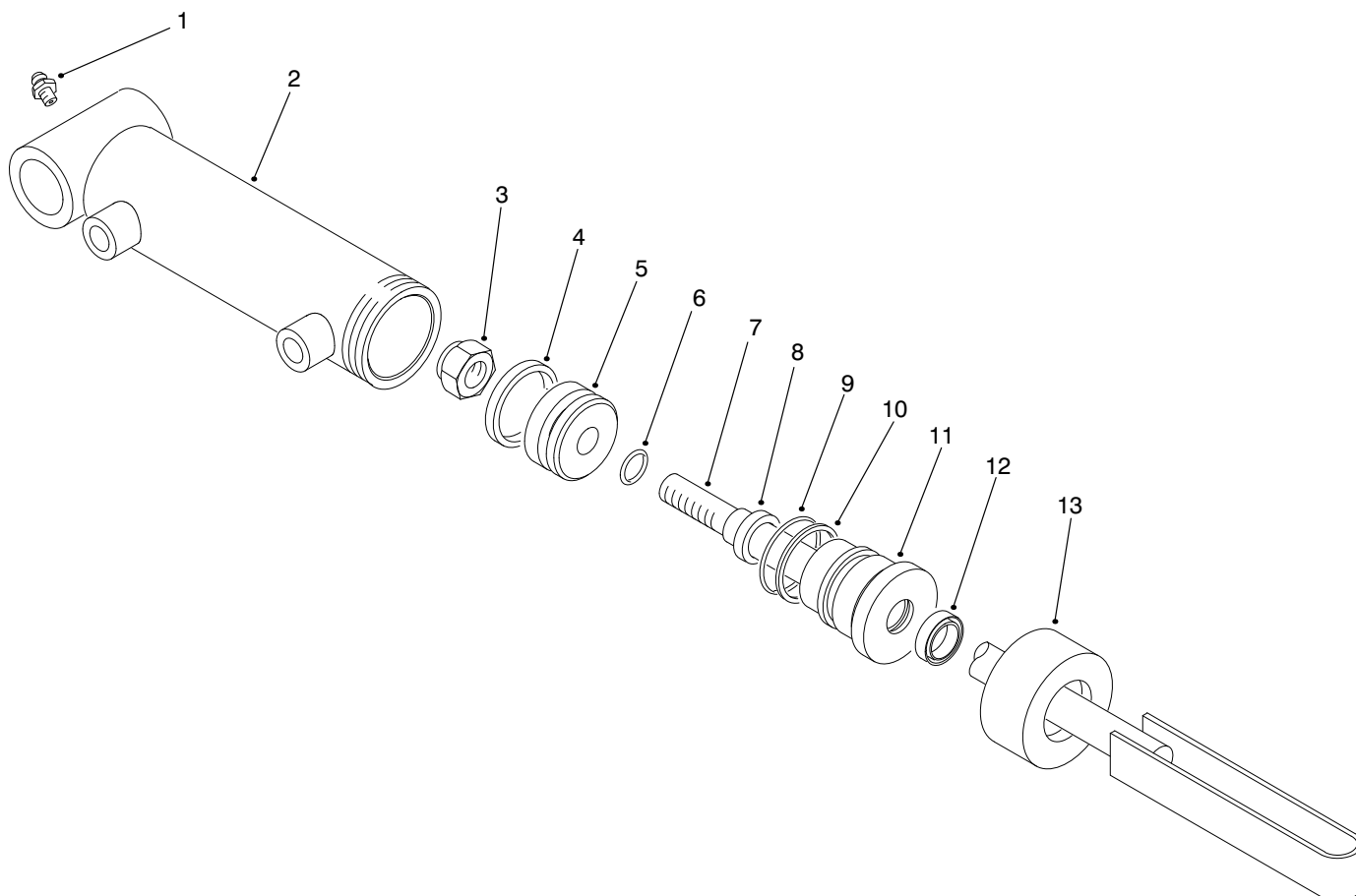
T-2083-1

HYDRAULIC CYLINDER NO. 5 (98-8069)

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	93-7558	Asm—Barrel	1	10	98-7354	Head	1
3	32152-10	Nut—Lock	1	†11		Seal—Dust	1
4	84-1710	Piston	1	12	84-1740	Shaft With Clevis	1
†5		O—Ring	1	13	93-7994	Collar	1
†6		Seal—Special	1	*	84-1760	Kit—Seal Repair (Incl. Ref. #5-9, & 11)	1
†7		O—Ring	1				
†8		Backup	1				

† Not Serviced Separately.

*Not Illustrated



T-2087-1

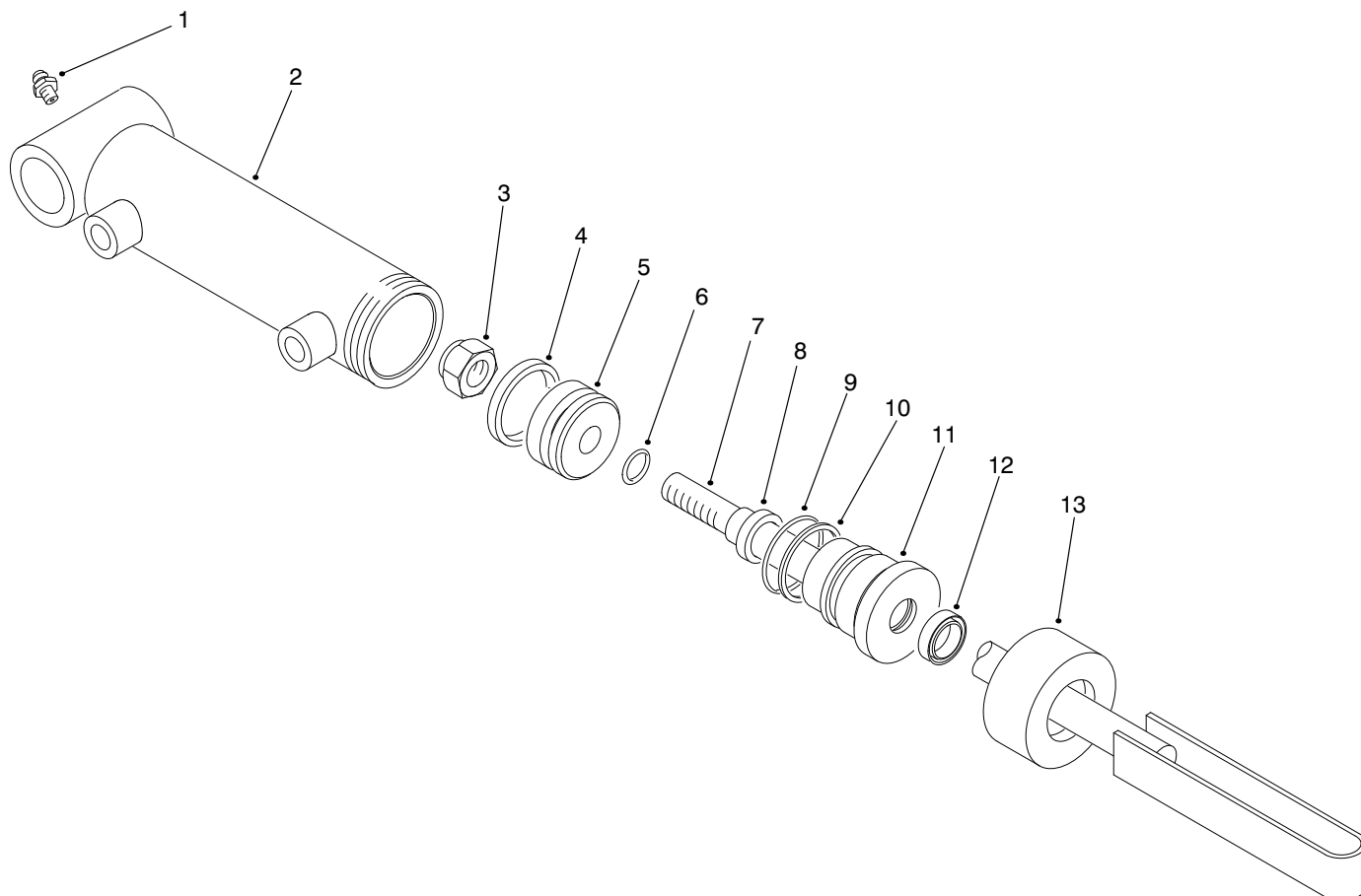
HYDRAULIC CYLINDER NO. 2 (98-8813)

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting-Grease	1
†2		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	98-7354	Head	1
†12		Seal-Dust	1
13	93-7994	Collar	1
*	84-1760	Kit-Seal repair (Incl. Ref. #4, 6, 8-10 & 12)	1

*Not Illustrated

†Not Serviced Separately.



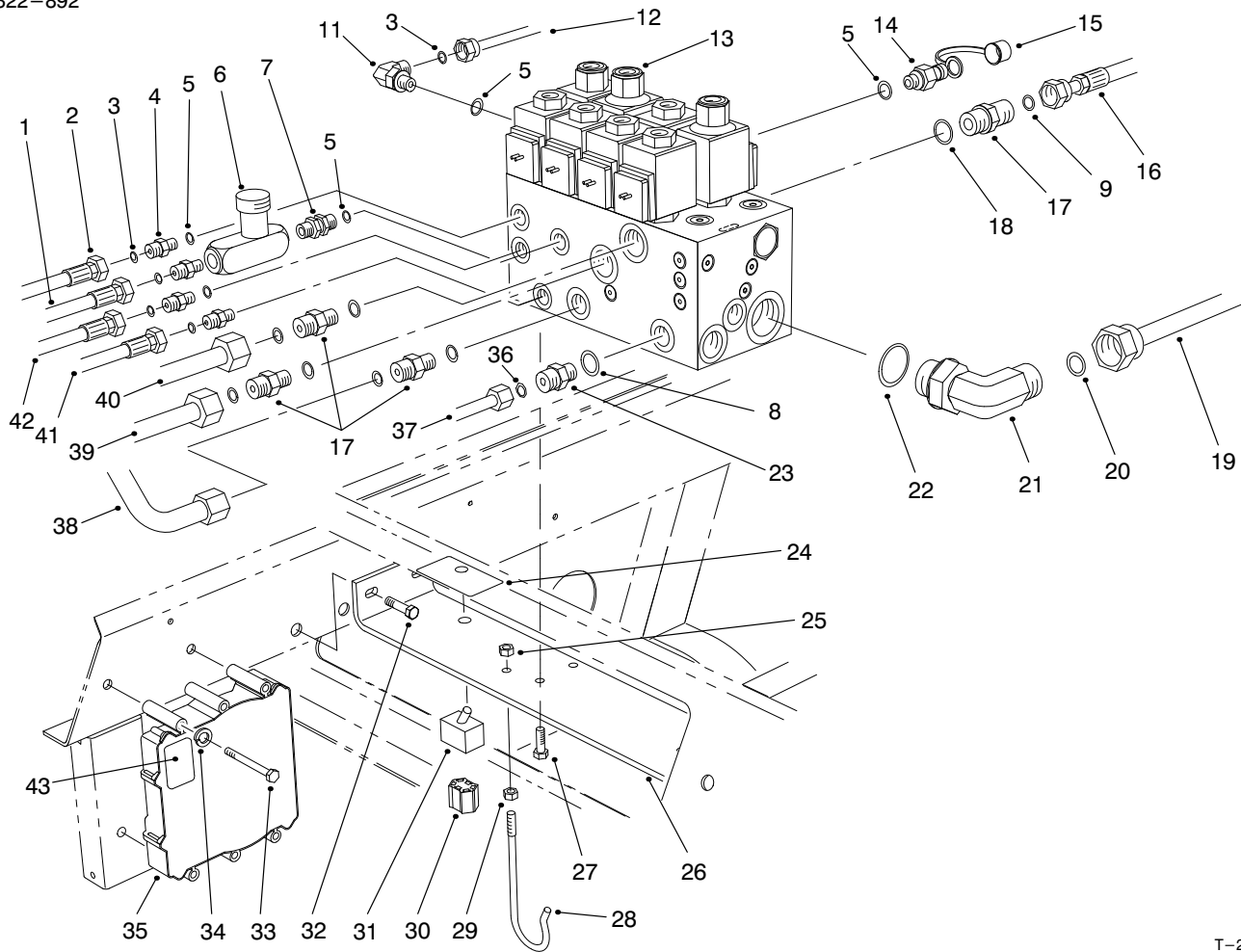
T-2087-1

HYDRAULIC CYLINDER NO. 3 (98-8812)

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		Asm-Barrel	1	†10		Backup	1
3	32152-10	Nut	1	11	98-7353	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	Kit-Seal repair (Incl. Ref. #4, 6, 8-10 & 12)	1
7	93-7989	Shaft W/Clevis	1				
†8		Seal-Rod	1				

*Not Illustrated

† Not Serviced Separately.

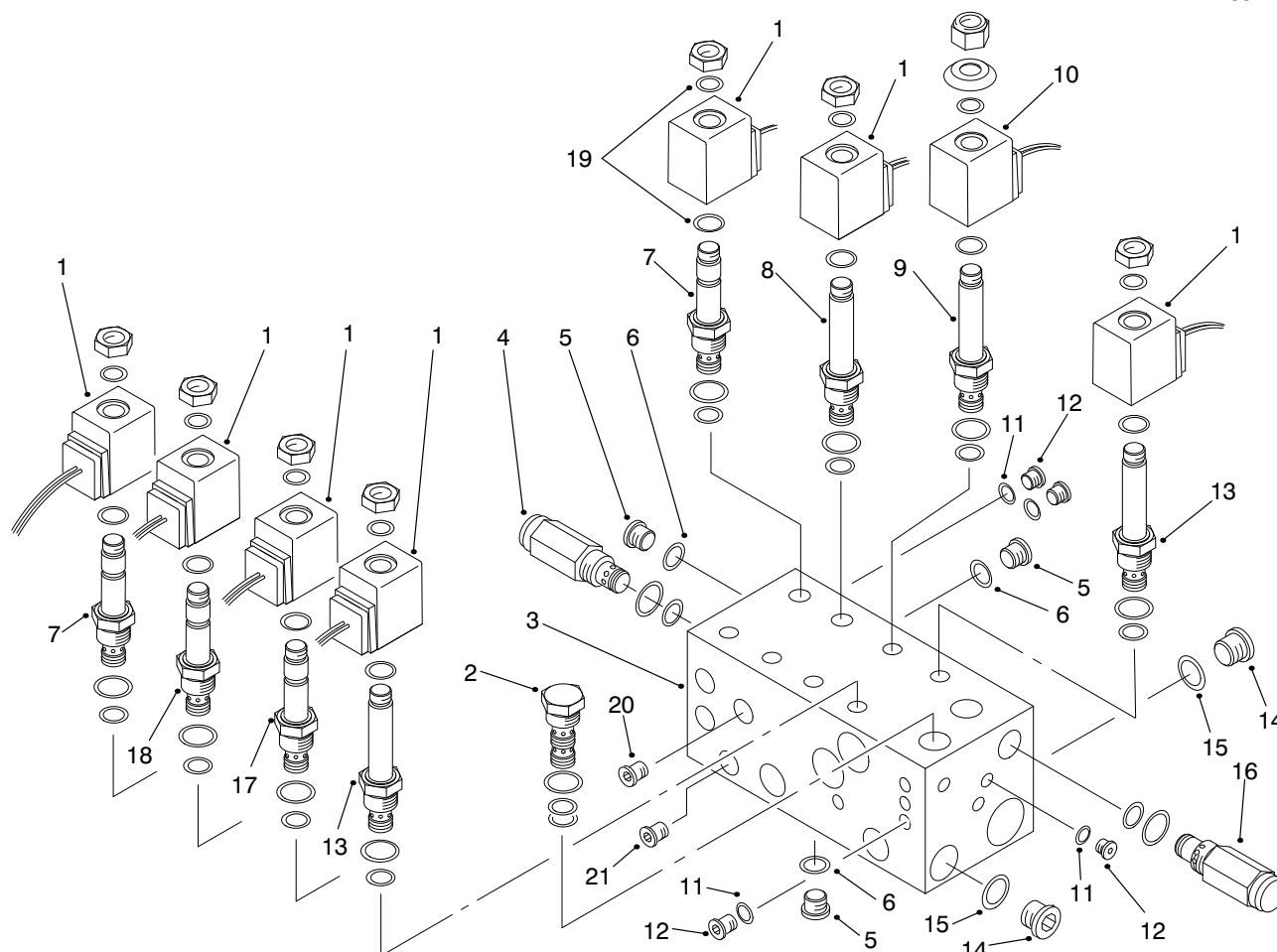


T-2088-1

FRONT HYDRAULIC BLOCK & HOSES

Ref. No.	Part No.	Description	No. Used
1	82-6490	Asm-Hose	1
2	92-7562	Asm-Hose	1
3	237-21	O-Ring	5
4	340-92	Fitting-Hydraulic (Incl. Ref. #3 & 5)	4
5	237-78	O-Ring	8
6	93-7489	Valve-Control, Flow	1
7	93-7597	Fitting-SAE (Incl. Ref. #5)	1
8	237-42	O-Ring	1
9	237-30	O-Ring	4
10	92-7479	Asm-Tube	1
11	340-132	Fitting-Hydraulic 90° (Incl. Ref. #3 & 5)	1
12	92-7591	Asm-Tube	1
13	92-7418	Asm-Block, Control	1
14	354-77	Fitting-Quick Connect (Incl. Ref. #5)	1
15	354-79	Cap-Fitting	1
16	92-7491	Asm-Hose	1
17	340-4	Fitting-Hydraulic (Incl. Ref. #9 & 18)	4
18	237-79	O-Ring	4
19	92-7557	Asm-Tube	1
20	237-65	O-Ring	1

Ref. No.	Part No.	Description	No. Used
21	340-139	Fitting-Hydraulic 90° (Incl. Ref. #20 & 22)	1
22	237-81	O-Ring	1
23	340-2	Adapter-Hydraulic (Incl. Ref. #8 & 36)	1
24	93-1264	Decal-Switch, Backlap	1
24	94-4580	Decal-Backlap (Japan)	1
25	3296-29	Nut-Lock	1
26	92-7519	Bracket-Block, Manifold	1
27	33104-016	Screw-HHF	4
28	93-7970	Form-Wire, Hose Mount	1
29	3217-6	Nut-Jam	1
30	99-8963	Harness-Wire, Main	1
31	93-7487	Switch-Toggle	1
32	3234-17	Screw-HHF	4
33	321-15	Screw-HH	3
34	3253-3	Washer-Lock	3
35	92-5720	Controller-Solid State	1
36	237-22	O-Ring	1
37	93-4222	Asm-Tube, Drain Return	1
38	94-1447	Asm-Tube, Steering Ret.	1
39	93-4217	Asm-Tube	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



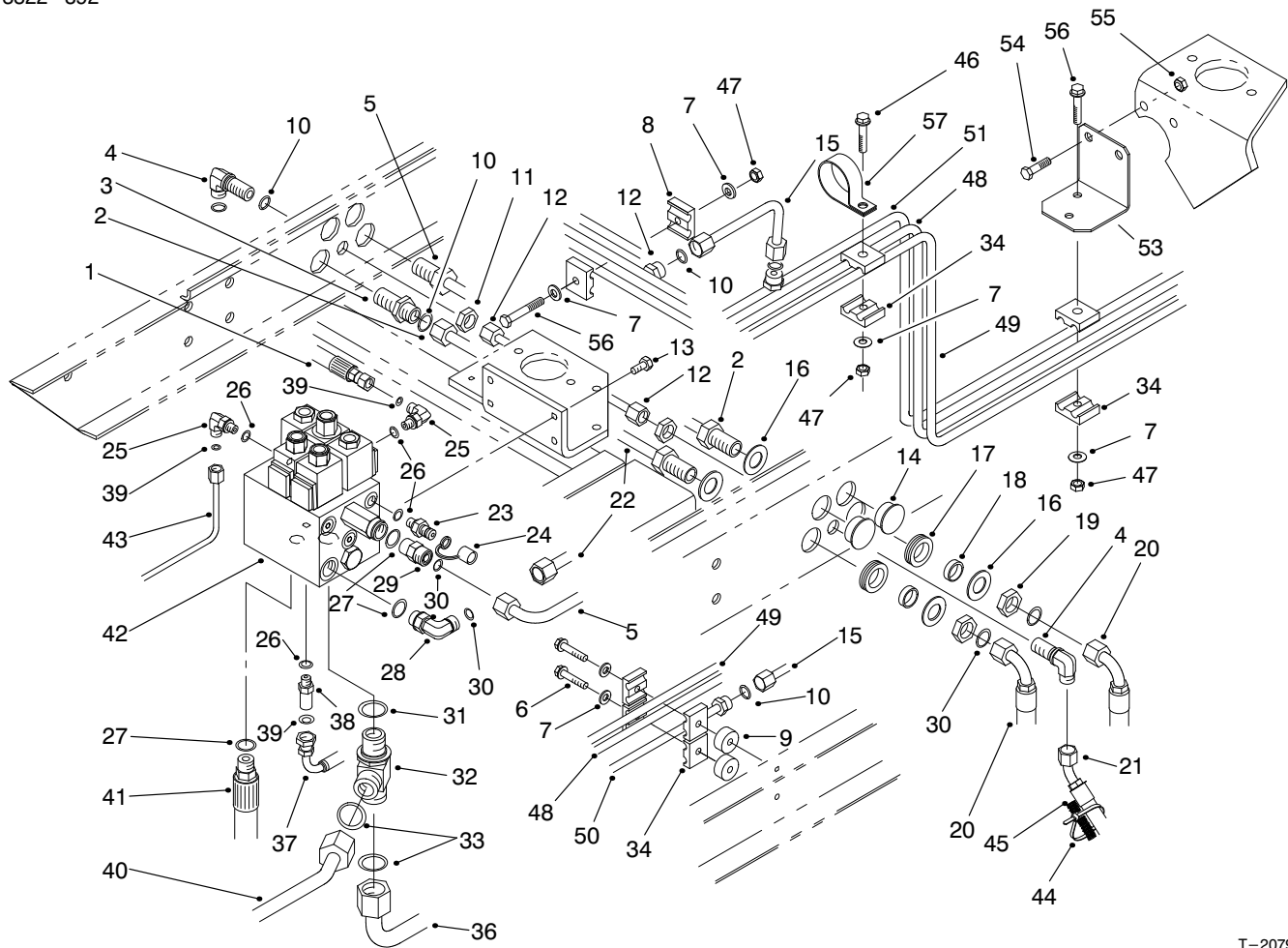
T-2089-2

FRONT MANIFOLD BLOCK ASSEMBLY NO. 92-7418

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	88-9190	Solenoid-20 Watt	7	13	93-7494	Cartridge-N.O. Poppet (Use Seal Kit 75-2080)	2
2	93-7491	Cartridge-Pilot Check (Use Seal Kit 69-4260)	1	14	353-989	Plug (Incl. Ref. #15)	5
†3		Block-Manifold, Front	1	15	237-42	O-Ring	5
4	93-7492	Cartridge-Relief 2300 psi (Use Seal Kit 75-2080)	1	16	75-0920	Cartridge-Relief 3000 psi (Use Seal Kit 75-2080)	1
5	353-990	Plug (Incl. Ref. #6)	10	17	88-6980	Cartridge-N.O. Poppet (Use Seal Kit 75-2080)	1
6	237-78	O-Ring	10	18	92-6315	Cartridge-N.C. Poppet (Use Seal Kit 75-2080)	1
7	88-6990	Cartridge-N.C. (Use Seal Kit 75-2080)	2	19	94-5438	Seal-Solenoid	16
8	92-3071	Solenoid (Use Seal Kit 69-4260)	1	20	94-3077	Plug-Orifice	1
9	95-3459	Cartridge-N.O. (Use Seal Kit 75-2080)	1	21	94-8140	Plug-Orifice	1
10	88-9200	Solenoid-28 Watt	1	*	75-2080	Kit-Seal	7
11	237-156	O-Ring	10	*	69-4260	Kit-Seal	2
12	353-991	Plug (Incl. Ref. #11)	10				

*Not Illustrated

†Not Serviced Separately

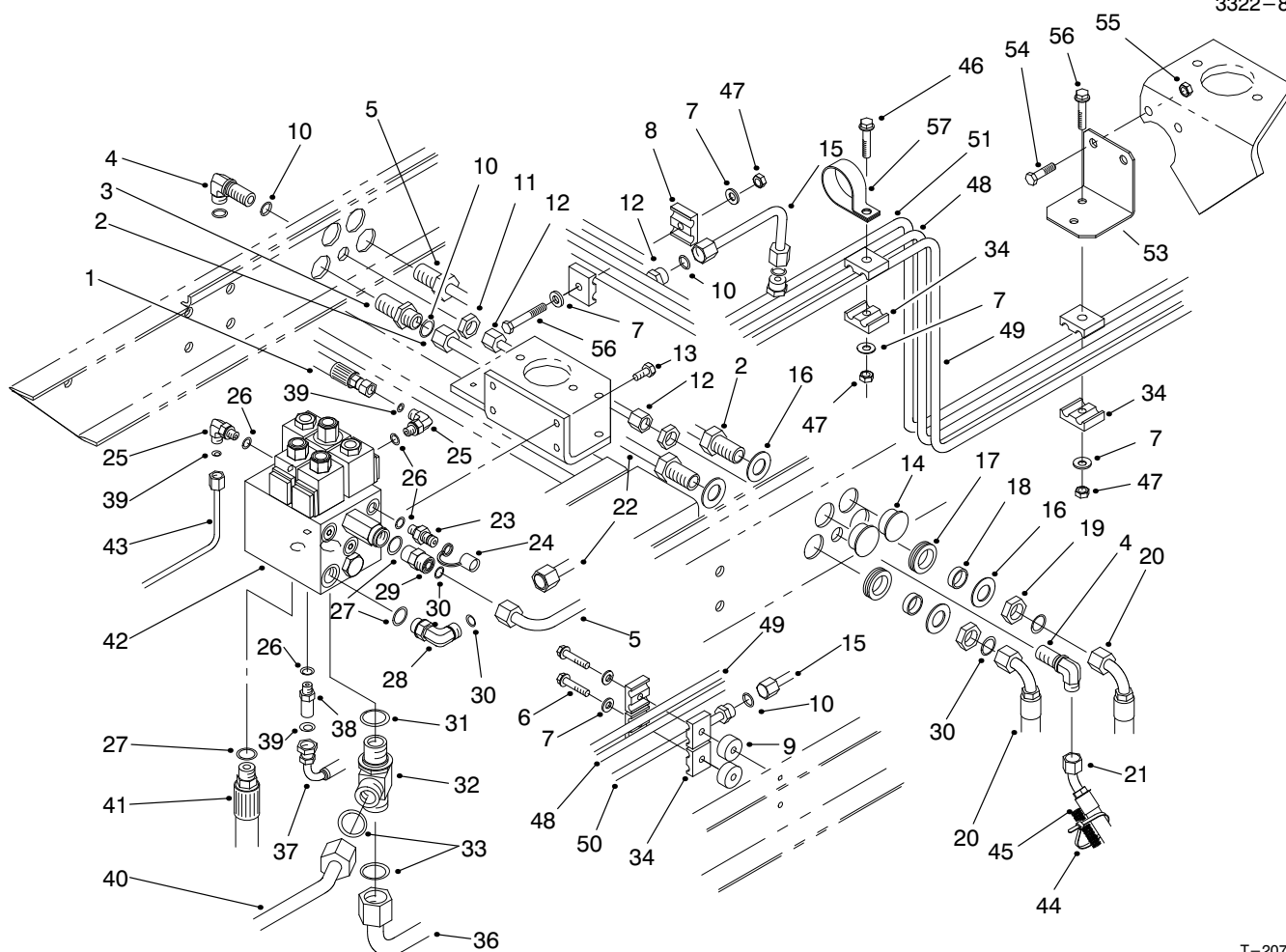


T-2079-2

REAR HYDRAULIC MANIFOLD 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-HH	2
7	3256-23	Washer-Flat (Model 03803)	8
7	3256-23	Washer-Flat (Model 03804)	9
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-HHF	4
14	94-1402	Plug	4
15	93-4205	Asm-Tube, Drain (Model 03803)	1
15	93-4206	Asm-Tube, Drain (Model 03804)	1
16	69-8930	Washer	8
17	240-5	Grommet	4
18	69-8960	Spacer	4
19	340-127	Nut-Bulkhead	4
20	99-5613	Asm-Hose	4
21	99-5614	Asm-Hose	2

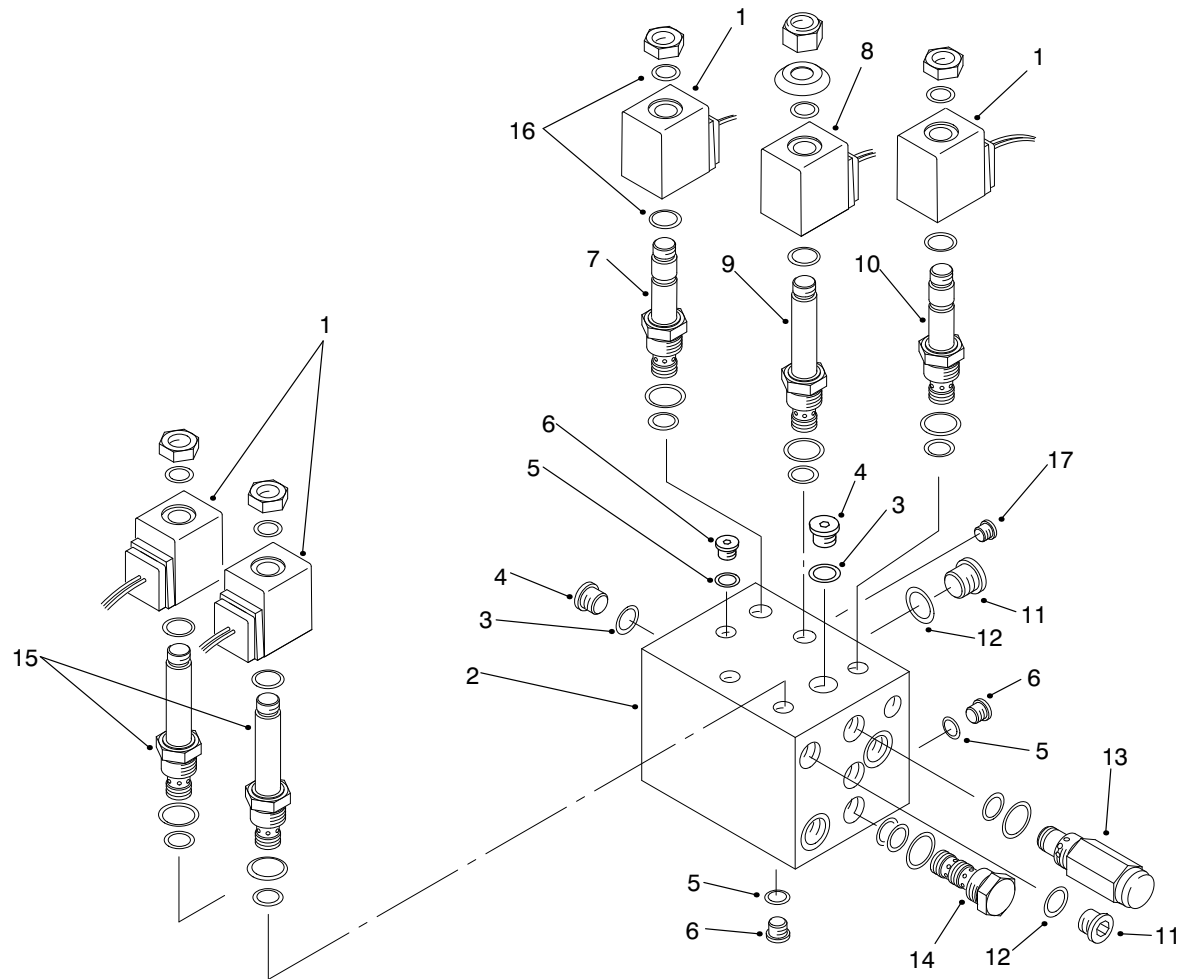
Ref. No.	Part No.	Description	No. Used
22	92-7585	Asm-Tube	1
23	354-77	Fitting-Quick Connect (Incl. Ref. #26)	1
24	354-79	Cap-Fitting	1
25	340-132	Fitting-Hydraulic 90° (Incl. Ref. #26 & 39)	2
26	237-78	O-Ring	4
27	237-79	O-Ring	3
28	340-98	Fitting-Hydraulic 90° (Incl. Ref. #27 & 30)	1
29	340-4	Fitting-Hydraulic (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 (Model 03803)	8
34	56-7973	Clamp-Tube (Model 03804)	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-2079-2

REAR HYDRAULIC MANIFOLD 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 03804)	1
44	3290-378	Tie-Cable	6	52	237-42	O-Ring	2
45	99-8963	Harness-Wire, Main	1	53	94-2834	Bracket-Clamp	1
46	322-6	Screw-HH	1	54	323-6	Screw-HH	2
47	3296-47	Nut-Lock (Model 03803)	4	55	32128-21	Nut-HFH	2
47	3296-47	Nut-Lock (Model 03804)	5	56	322-7	Screw-HH (Model 03803)	4
48	92-7494	Asm-Tube, Steering, Rear	1	56	322-7	Screw-HH (Model 03804)	5
49	92-7495	Asm-Tube, Steering, Rear	1	57	2412-147	Clamp-R	1
50	92-7598	Asm-Tube, Front Drain	1				



T-2080-1

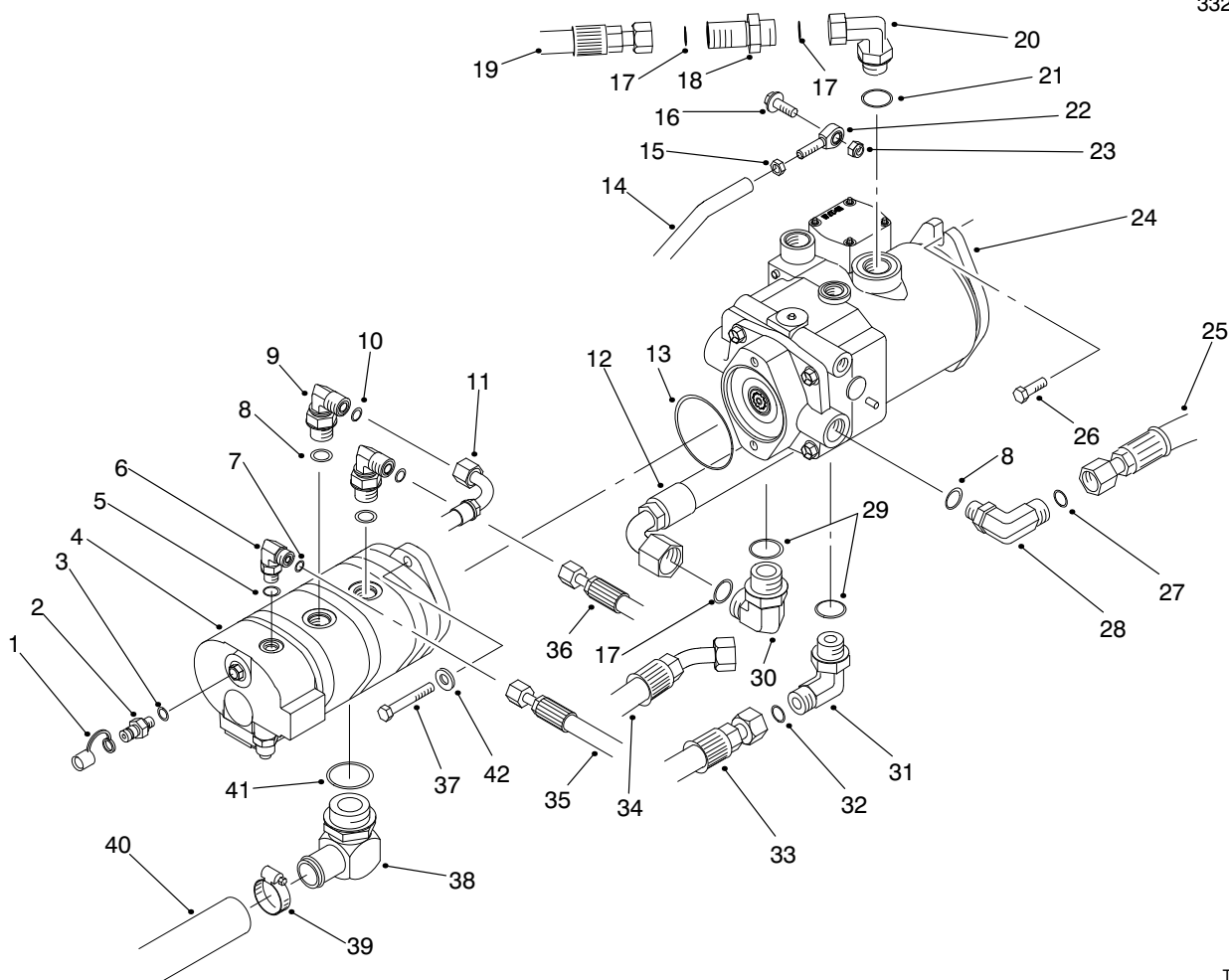
MANIFOLD ASSEMBLY NO. 92-7419

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	Kit-Seal	5
*	69-4260	Kit-Seal	1

*Not Illustrated

†Not Serviced Separately

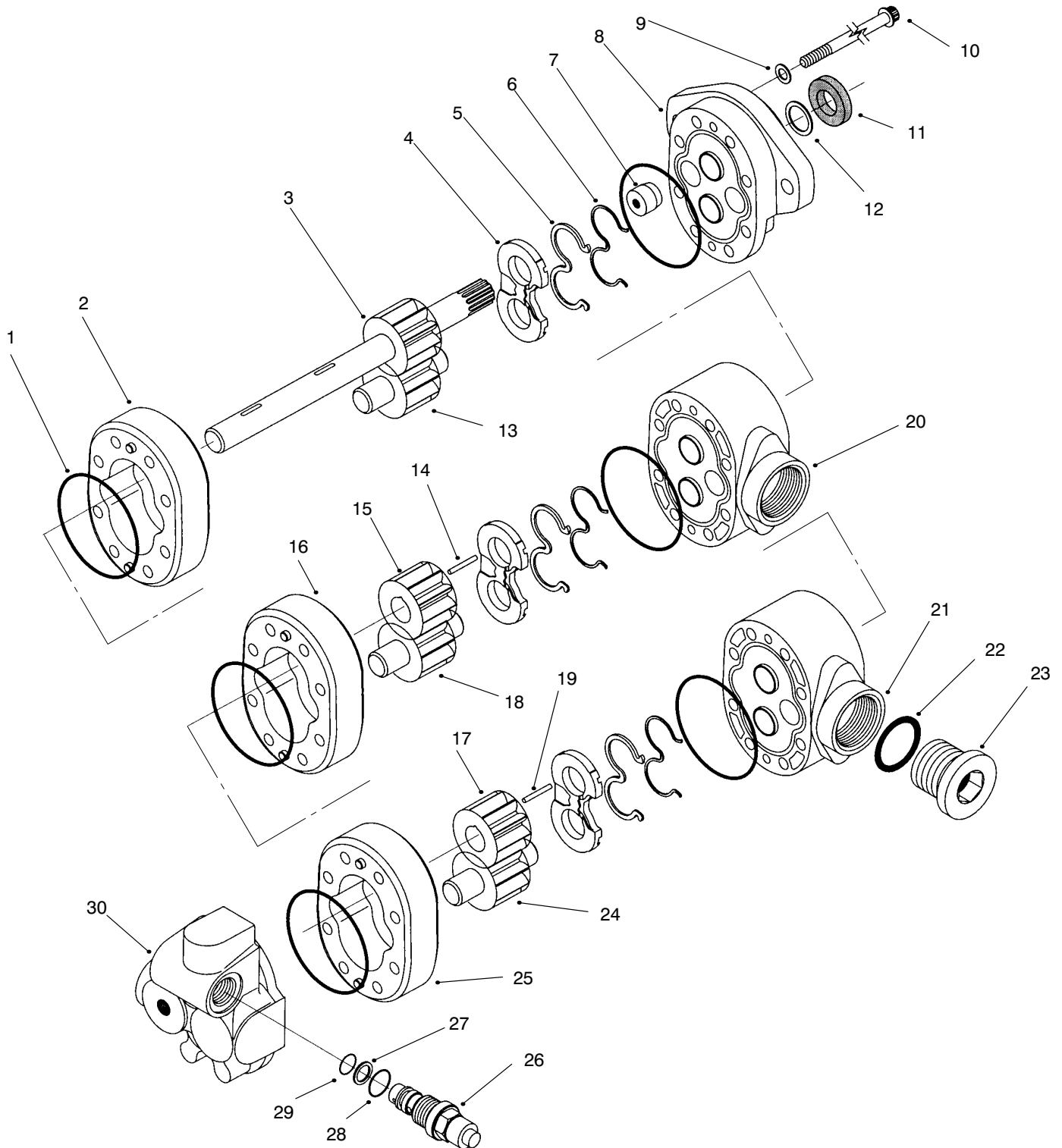


T-2072-1

PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	354-79	Cap-Dust	4	24	98-3730	Pump-Piston	1
2	354-77	Fitting-Quick Connect (Incl. Ref. #3)	4	25	92-7490	Asm-Hose, Filter	1
3	237-78	O-Ring	4	26	82-5050	Screw-HH	2
4	93-2175	Asm-Pump, Gear	1	27	237-65	O-Ring	1
5	237-42	O-Ring	1	28	340-17	Fitting-Hydraulic 90° (Incl. Ref. #8 & 27)	1
6	340-77	Fitting-Hydraulic 90° (Incl. Ref. #5 & 7)	1	29	237-146	O-Ring	2
7	237-22	O-Ring	1	30	340-15	Fitting-Hydraulic 90° (Incl. Ref. #17 & 29) (Model No. 03804)	1
8	237-80	O-Ring	3	30	340-129	Fitting-Hydraulic 90° (Incl. Ref. #29 & 32) (Model #03803)	1
9	340-105	Fitting-Hydraulic 90° (Incl. Ref. #8 & 10)	2	31	340-129	Fitting-Hydraulic 90° (Incl. Ref. #29 & 32)	1
10	237-30	O-Ring	2	32	340-65	O-Ring	2
11	92-7491	Asm-Hose	1	33	92-7485	Asm-Hose	1
12	92-7484	Asm-Hose (Model No. 03804)	1	34	92-7634	Asm-Hose, Traction (Model No. 03803)	1
13	237-99	O-Ring	1	35	92-7622	Asm-Hose, Steering	1
14	92-7531	Tube-Rod, Control	1	36	92-7492	Asm-Hose	1
15	3220-3	Nut-Jam	1	37	323-7	Screw-HH	2
16	3234-11	Screw-HHF	1	38	92-7526	Fitting-Hydraulic, Suction	1
17	237-58	O-Ring	3	39	2412-111	Clamp-Hose	2
18	94-2637	Fitting-Hydraulic, Straight (Incl. Ref. #17)	1	40	92-7465	Hose-Suction	1
19	92-7489	Hose-Return	1	41	237-101	O-Ring	1
20	94-2636	Fitting-Hydraulic 90°	1	42	3256-46	Washer-Flat	2
21	237-81	O-Ring	1				
22	2411-36	Bearing-Rod End	1				
23	3296-59	Nut-Lock	1				

GEAR PUMP ASSEMBLY NO. 93-2175



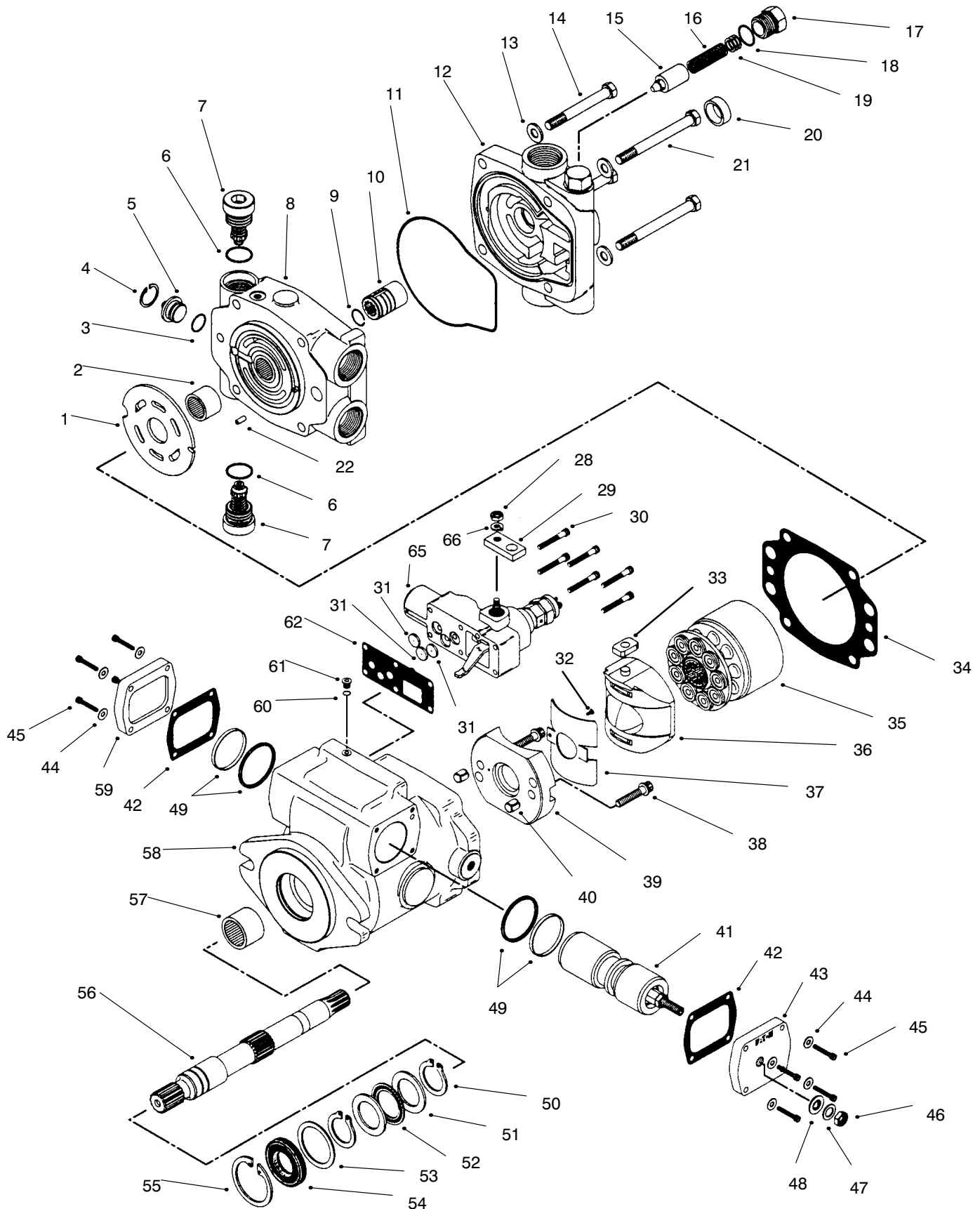
GEAR PUMP ASSEMBLY NO. 93-2175

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	56-6710	O-Ring	6	†18		Gear-Idler	1
†2		Body	1	†19		Key	1
†3		Asm-Gear, Drive	1	†20		Plate-Adaptor	1
4		Plate-Wear	3	†21		Plate-Adaptor	1
5		Seal-Pressure, Balance	3	†22		O-Ring	1
6		Gasket-Backup	3	23	94-3013	Plug	
7	94-3011	Plug	1			(Incl. Ref. #22)	1
†8		Asm-Plate, Front	1	†24		Gear-Idler	1
9	74-8920	Washer-Copper	4	†25		Body	1
10	94-3012	Screw	8	26	94-3014	Valve-Relief	
11	49-2640	Seal-Shaft	1			(Incl. Ref. #27-29)	1
12	60-5890	Washer	1	†27		Washer-Backup	1
†13		Gear-Idler	1	†28		O-Ring	1
†14		Key	1	†29		O-Ring	1
†15		Gear	1	†30		Asm-Backplate	1
†16		Body	1	*	94-3015	Kit-Seal	
†17		Gear	1			(Incl. Ref. #1, & 4-6)	1

*Not Illustrated

† Not Serviced Separately

SERVO CONTROLLED PISTON PUMP ASM NO. 98-3730

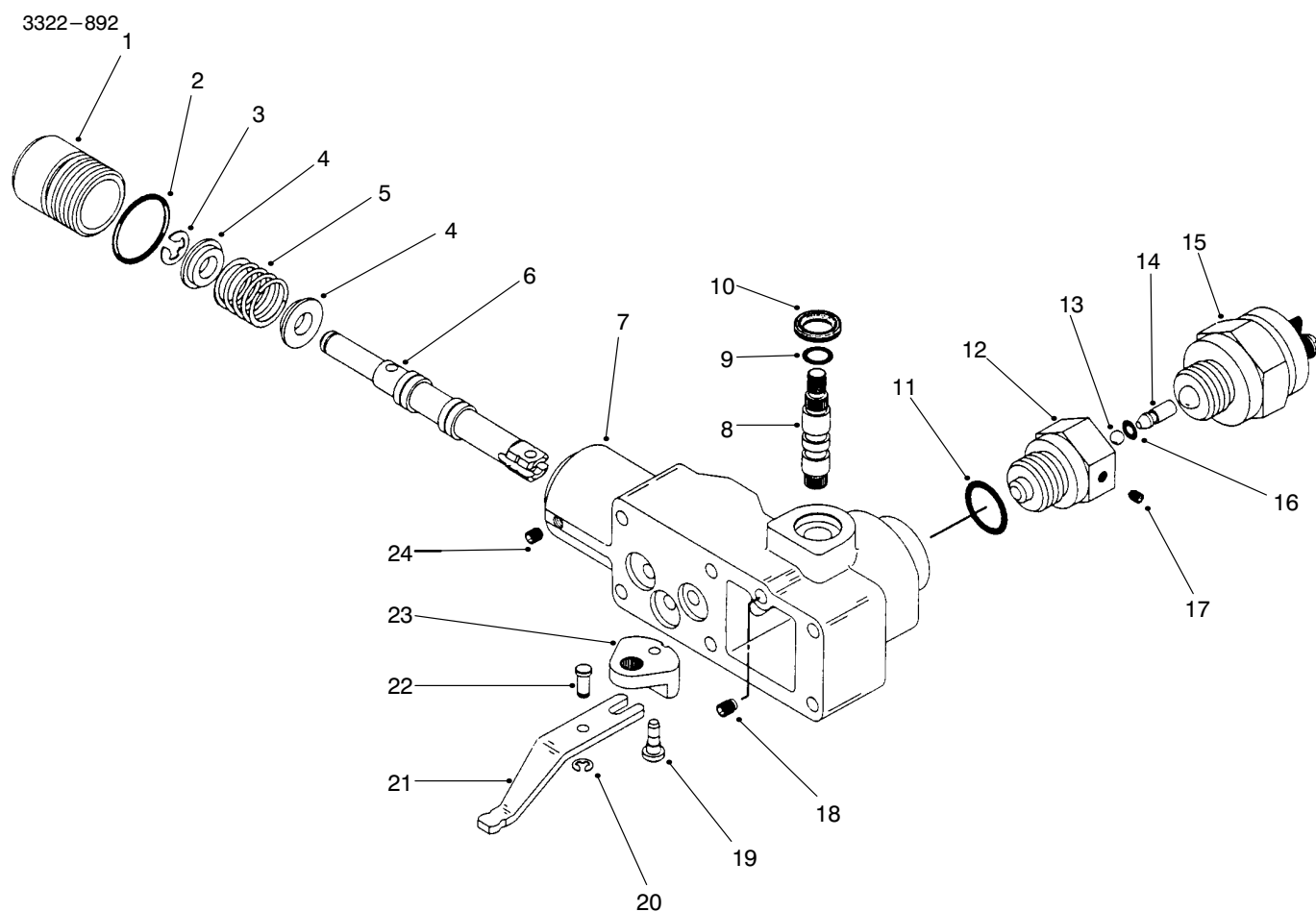


SERVO CONTROLLED PISTON PUMP ASM NO. 98-3730

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-3022	Plate-Valve	1	†37		Bushing	1
†2		Bearing	1	†38		Screw	1
3	94-3036	Ring-Quad	1	†39		Asm-Cradle	1
4	94-3037	Ring-Retaining	1	†40		Dowel-Bushing	2
5	94-3038	Plug-Dump Valve	1	41	94-3025	Asm-Piston, Servo	1
†6		O-Ring	2	†42		Gasket-Plate, Cover	2
7	94-9999	Valve-Relief	2	43	94-3034	Plate-Cover	1
8	94-3016	Asm-Backplate (Incl. Ref. #2 & 22)	1	44	3256-77	Washer-Flat	8
9	94-3035	Ring-Lock	1	45	3274-81	Screw-HS	8
10	94-3023	Coupler	1	46	3220-3	Nut-Jam	1
†11		O-Ring-Molded	1	47	94-3030	Washer	1
12	94-3017	Adaptor-Charge Relief (Incl. Ref. #15-20)	1	48	94-3027	Washer-Seal	1
13	3256-24	Washer-Flat	4	†49		Seal	2
14	94-3028	Screw	2	50	76-7000	Ring-Retaining	2
†15		Poppet	2	51	76-6950	Race-Thrust	1
†16		Spring	2	52	76-6960	Bearing-Thrust	1
†17		Plug	1	53	94-3007	Washer	1
†18		O-Ring	1	54	94-3008	Seal-Shaft	1
†19		Washer	3	55	76-7010	Ring-Retaining	1
†20		Bushing	1	56	94-3020	Shaft-Drive	1
21	94-3029	Screw	2	†57		Bearing	1
†22		Pin-Roll	1	58	94-3018	Asm-Housing (Incl. Ref. #32, 37-40, 49, 57, & 60-61)	1
28	3217-5	Nut-Jam	1	59	94-3033	Plate-Cover	1
29	94-3031	Arm-Control	1	†60		O-Ring	1
30	3274-59	Screw-HS	6	†61		Plug	1
31	94-3040	Orifice-Valve, Control	3	†62		Gasket	1
†32		Screw	1	65	94-3019	Control-Servo, Manual	1
33	94-3032	Follower-Piston	1	66	3253-3	Washer-Lock	1
†34		Gasket-Housing	1	*	94-3039	Kit-Seal (Incl. Ref. #11, 34, 42 & 62)	1
35	94-3021	Asm-Kit, Rotating	1				
36	94-3026	Asm-Camplate	1				

*Not Illustrated

†Not Serviced Separately.



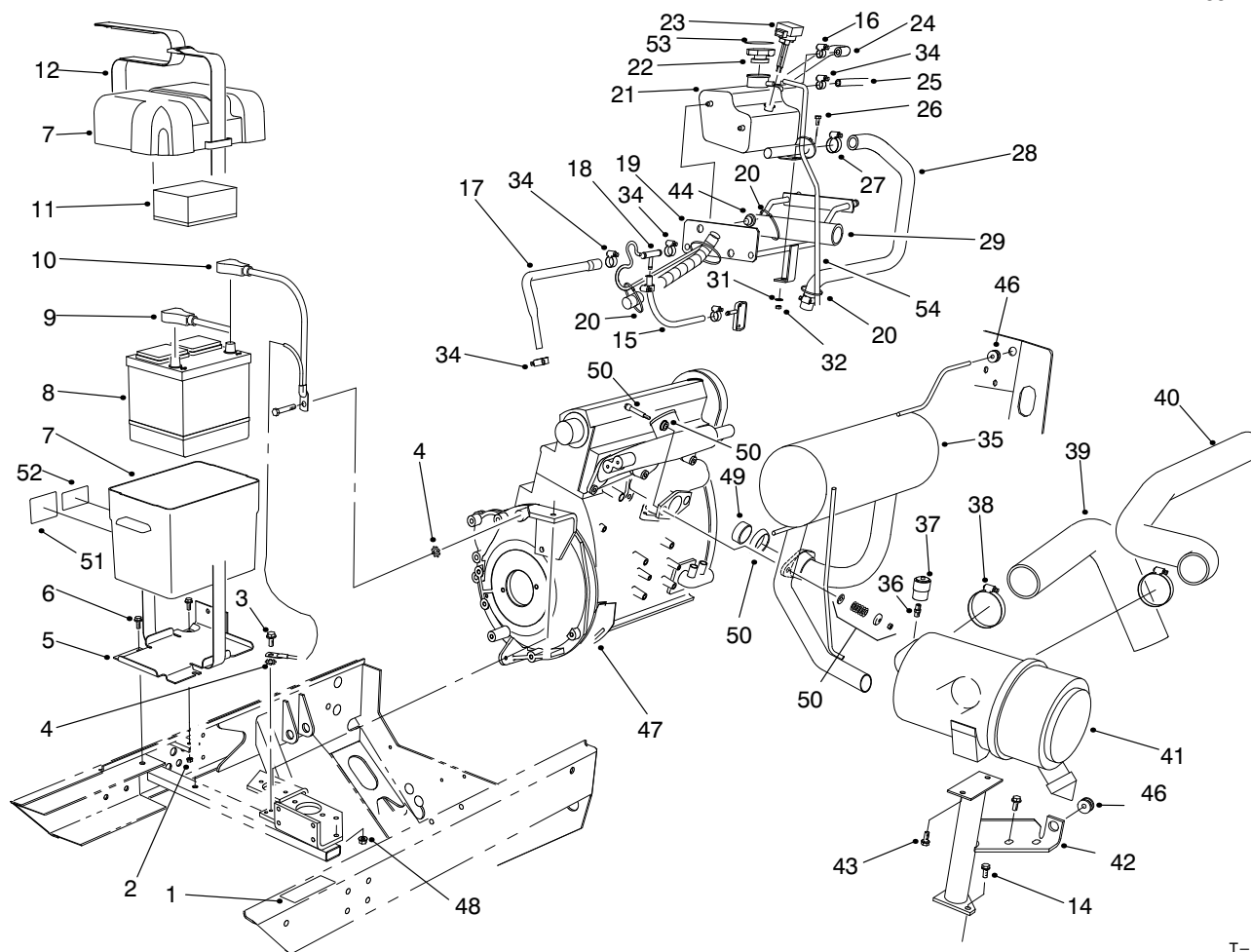
T-2119-1

MANUAL SERVO CONTROL NO. 94-3019

Ref. No.	Part No.	Description	No. Used
1		Plug	1
2		O-Ring	1
3		Ring-Retaining	1
4		Retainer-Spring	2
5		Spring	1
6		Valve-Spool	1
7		Housing-Control	1
8		Shaft-Input	1
9		O-Ring	1
10		Seal-Wiper	1
11		O-Ring	1
12		Adaptor	1
13		Ball	1

Ref. No.	Part No.	Description	No. Used
14		Pin	1
15	94-3043	Switch	1
16		O-Ring	1
17		Screw-Set	1
18		Screw-Set	1
19		Pin	1
20		Ring-Retaining	1
21		Link	1
22		Pin-Dowel	1
23		Crank-Bell	1
24		Screw-Set	1
*	94-3044	Kit-Seal (Incl. Ref. #2, 9-11 & 16)	1

*Not Illustrated



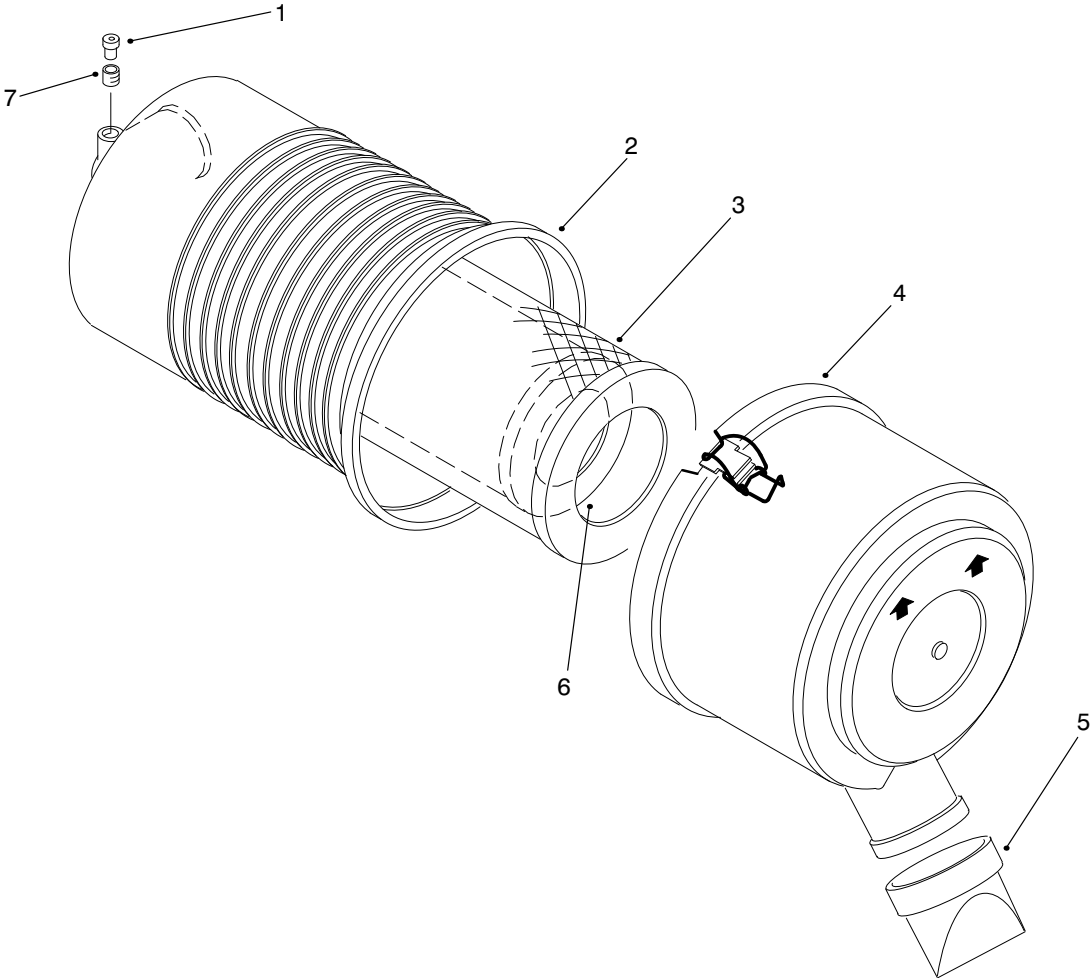
T-2373-7

ENGINE COMPONENTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-1265	Decal-Hot Surface	1	28	93-7589	Hose-Overflow	1
1	94-4578	Decal-Hot Surface (Japan)	1	29	93-4215	Hose-Radiator, Upper Rear	1
2	3296-29	Nut-Lock	1	31	33093-00	Washer	1
4	3255-9	Washer-Lock	2	32	33023-00	Nut-Lock	1
5	93-7974	Plate-Battery, Box	1	34	2412-36	Clamp-Hose	4
6	3234-5	Screw-HHF	3	35	93-9178	Muffler	1
7	93-7595	Asm-Box, Battery	1	*	94-2849	Muffler-Spark Arrestor	1
†8		Battery	1	36	94-1416	Adapter-Indicator	1
9	75-1370	Cable-Battery, Positive	1	37	93-9164	Indicator-Service	1
10	94-1411	Cable-Battery, Negative	1	38	2412-125	Clamp-Hose	2
11	93-7968	Pad-Foam, Battery	1	39	94-2624	Hose-Manifold	1
12	94-1445	Strap-Battery	1	40	93-7584	Hose-Intake	1
14	33105-030	Screw-HHF	2	41	93-7485	Asm-Filter, Air	1
15	63-7622	Hose-Fuel	1	42	94-8108	Support-Filter, Air	1
16	2412-108	Clamp-Hose	3	43	33104-016	Screw-HHF	2
17	94-2630	Hose-Return	1	†44	94-2801	Grommet-Rubber	2
18	93-4207	Fitting-Tee	1	46	94-2812	Grommet	2
19	94-1408	Wireform-Overflow	1	†47	77-3600	Plate-Closing	1
20	3290-378	Tie-Cable	5	48	33005-00	Nut-HHF	2
†21	98-1805	Box-Degassing	1	†49	94-2815	Sleeve-Exhaust Flange	1
†22	94-2800	Cap-Radiator	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
26	33103-020	Screw-HHF	1	54	55-4130	Hose-Fuel	1
27	2412-129	Clamp-Hose	2				

† Furnished with engine.

‡ Obtain locally.

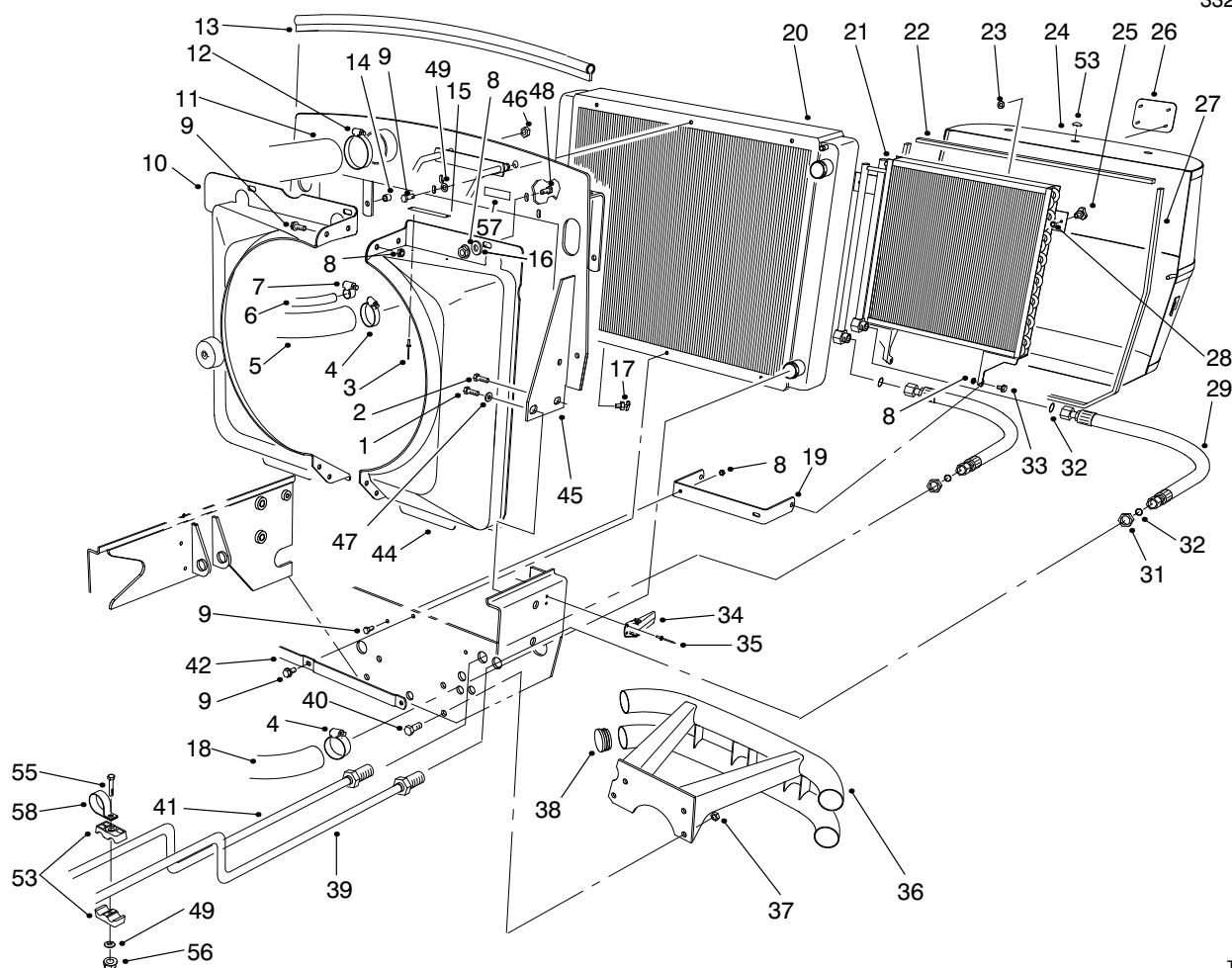


T-2076-1

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

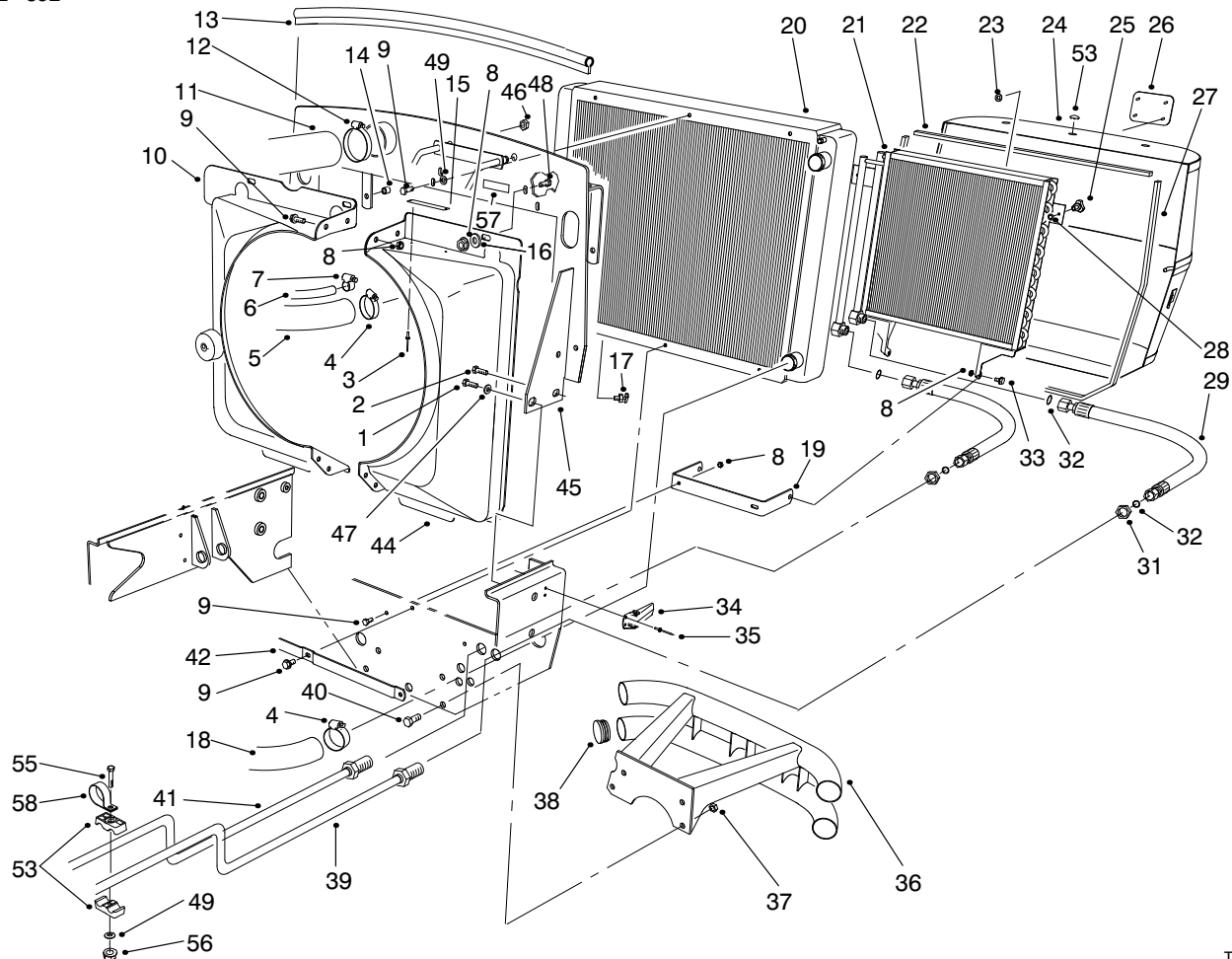
Ref. No.	Part No.	Description	No. Used
5	94-1414	Valve-Vacuator	1
6	93-9163	Filter-Safety	1
7	94-1416	Asm-Adaptor	1



T-2073-7

RADIATOR & SHROUD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	33108-025	Screw-HHF	2	27	93-4208	Strip-Seal, Screen	1
2	3234-18	Screw-HHF	2	28	32151-72	Retainer-Push On	2
3	3290-271	Rivet-Pop	2	29	92-7535	Asm-Hose, Oil Cooler	2
4	2412-3	Clamp-Hose	2	31	340-74	Nut-Bulkhead	2
5	93-4215	Hose-Radiator, Upper Rear	1	32	237-65	O-Ring	4
6	92-7424	Hose-Radiator, Overflow	1	33	37-8771	Bolt-Shoulder	2
7	2412-36	Clamp-Hose	1	34	69-3020	Latch-Draw	2
8	32128-20	Nut-HFH	4	35	3269-4	Rivet-Pop	4
9	3234-5	Screw-HHF	9	36	94-3084	Bumper (Model 03803)	1
10	92-7374	Shroud-Fan RH	1	36	92-7623	Bumper (Model 03804)	1
11	93-7584	Hose-Intake	1	37	3296-23	Nut-Lock	4
12	2412-125	Clamp-Hose	1	38	2410-42	Cap-Bumper (Model 03803)	2
13	93-7553	Seal-Hood	1	38	2410-42	Cap-Bumper (Model 03804)	4
14	32148-10	Nut-Clinch	2	39	92-7493	Asm-Tube, Filter	1
15	76-8750	Plate - Warning, Fan	1	40	325-5	Screw-HH	2
16	3256-56	Washer-Flat	3	41	92-7558	Asm-Tube, Cooler	1
17	304-46	Nut-Drain Cock	1	42	92-7416	Strap-Radiator	1
18	92-7463	Hose-Radiator, Lower	1	44	92-7375	Shroud-Fan LH	1
19	92-7516	Bracket-Support, Cooler	1	45	92-7388	Support-Radiator	1
20	74-3410	Asm-Radiator	1	46	3296-23	Nut-Lock	2
21	82-3740	Cooler-Oil	1	47	3256-27	Washer-Flat	2
22	92-7631	Sealstrip-Screen	1	48	3230-2	Screw-CARR	3
23	94-2638	Nut-Push On	4	49	3256-23	Washer-Flat	4
24	92-7505	Screen	1	53	2410-64	Button-Plug	3
25	77-3620	Retainer-Cover	2				
26	93-6028	Plate-Logo, Toro	1				

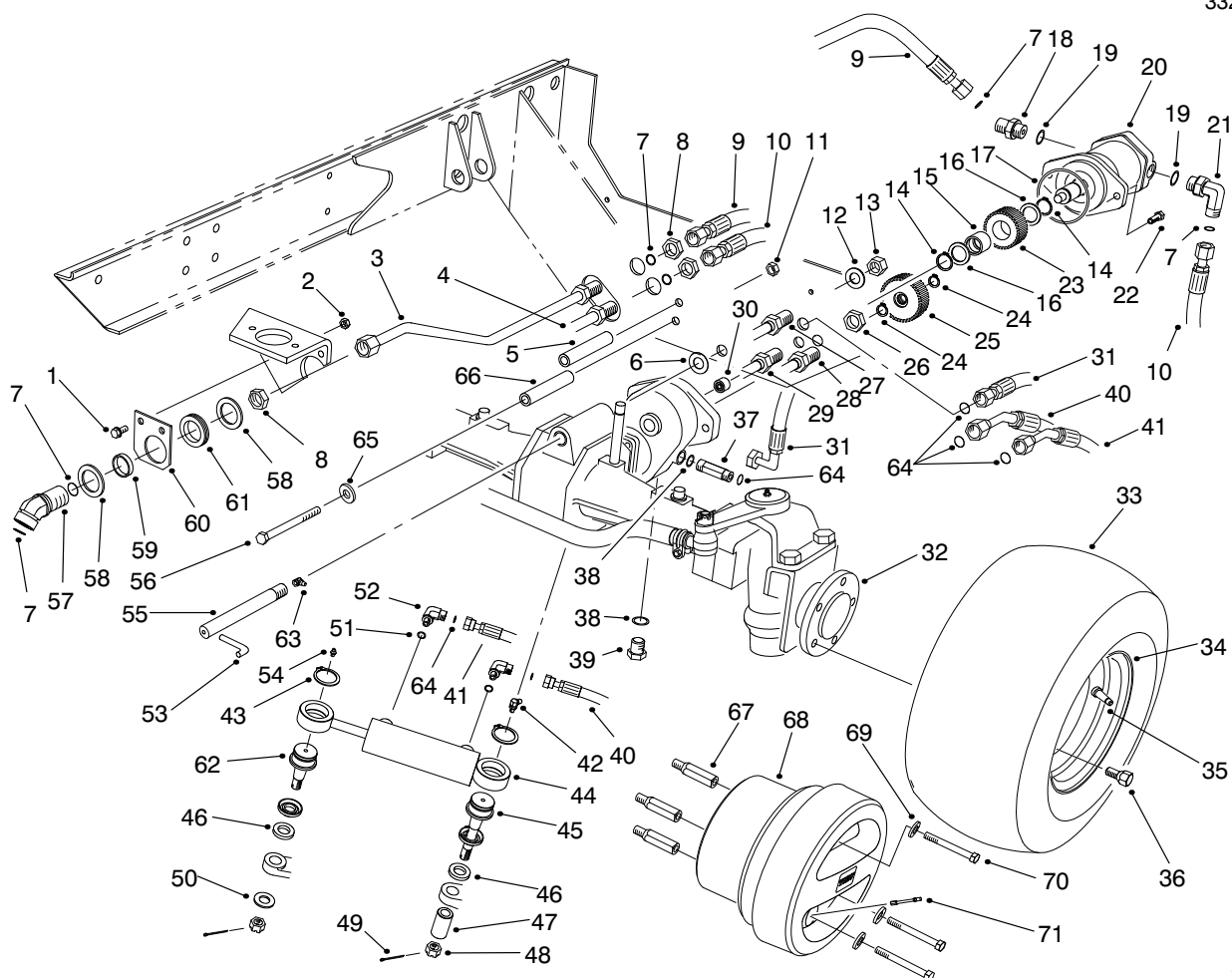


T-2073-7

RADIATOR & SHROUD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
54	94-8105	Clamp-Tube	2
55	322-9	Screw-HH	1
56	3296-47	Nut-Lock	1

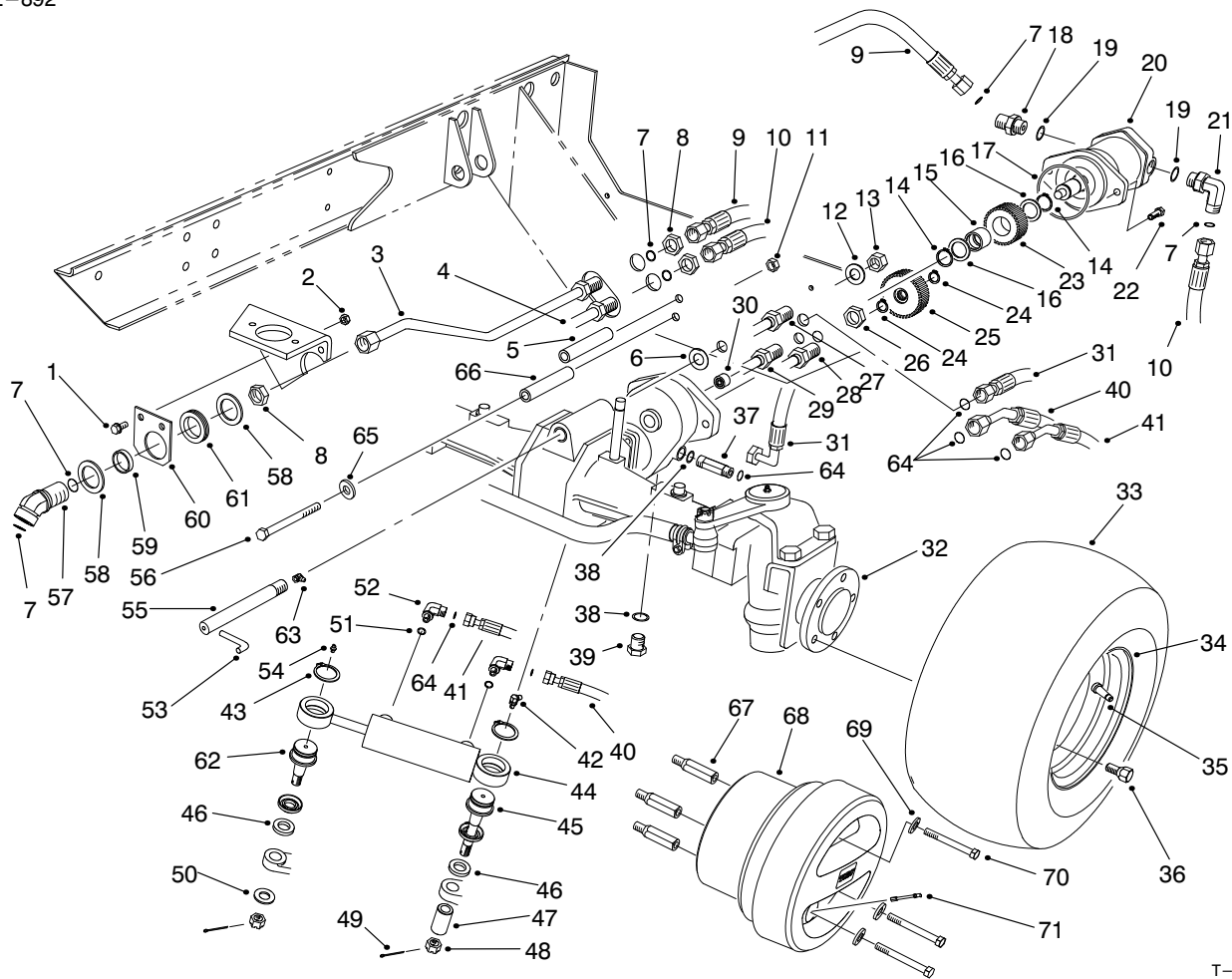
Ref. No.	Part No.	Description	No. Used
57	93-6681	Decal-Warning, Fan (Europe)	1
58	2412-147	Clamp-R	1



T-2077-6

4-WD AXLE ASSEMBLY (Model No. 03804)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-6	Screw-HH	2	25	94-3098	Gear-Driven	1
2	32128-21	Nut-HFH	2	26	340-70	Nut-Bulkhead	3
3	92-7472	Asm-Tube, Rear (Incl. Ref. #7)	1	27	92-7553	Asm-Tube, Rear Drain (Incl. Ref. #64)	1
4	92-7473	Asm-Tube, Rear (Incl. Ref. #7)	1	28	92-7495	Asm-Tube, Steering (Incl. Ref. #64)	1
5	76-8350	Stop-Axle, 4WD	2	29	92-7494	Asm-Tube, Steering (Incl. Ref. #64)	1
6	93-7247	Washer-Thrust	1	30	74-5700	Bearing-Needle	1
7	237-58	O-Ring	6	31	92-7534	Asm-Hose	1
8	340-126	Nut-Bulkhead	3	32	98-2447	Axle-4WD	1
9	92-7536	Asm-Hose, Rear Motor	1	33	86-5910	Tire	2
10	92-7537	Asm-Hose, Rear Motor	1	34	217-125	Wheel	2
11	3296-45	Nut-Lock	4	35	232-27	Stem-Valve	2
12	3256-29	Washer-Flat	1	36	74-5500	Bolt-Wheel	10
13	94-8000	Nut-Lock	1	37	340-2	Adapter (Incl. Ref. #38 & 64)	1
14	32151-96	Ring-Retaining	1	38	237-42	O-Ring	2
15	71-4580	Clutch-Roller	1	39	353-508	Plug (Incl. Ref. #38)	1
16	71-4590	Washer-Thrust	2	40	92-7539	Asm-Hose	1
17	237-166	O-Ring	1	41	92-7538	Asm-Hose	1
18	340-9	Fitting-Hydraulic (Incl. Ref. #7 & 19)	1	42	302-60	Fitting-Grease 90°	1
19	237-81	O-Ring	2	43	98-9973	Ring-Retaining	2
20	92-7386	Motor-Hydraulic	1	44	94-8141	Cylinder-Hydraulic	1
21	340-142	Fitting-Hydraulic 90° (Incl. Ref. #7 & 19)	1	45	92-5839	Ball Joint	1
22	325-4	Screw-HH	2	46	92-5833	Spacer-Ball Joint	2
23	94-3099	Gear-Driver	1	47	92-5844	Spacer-Ball Joint	1
24	32120-15	Ring-Retaining	2				



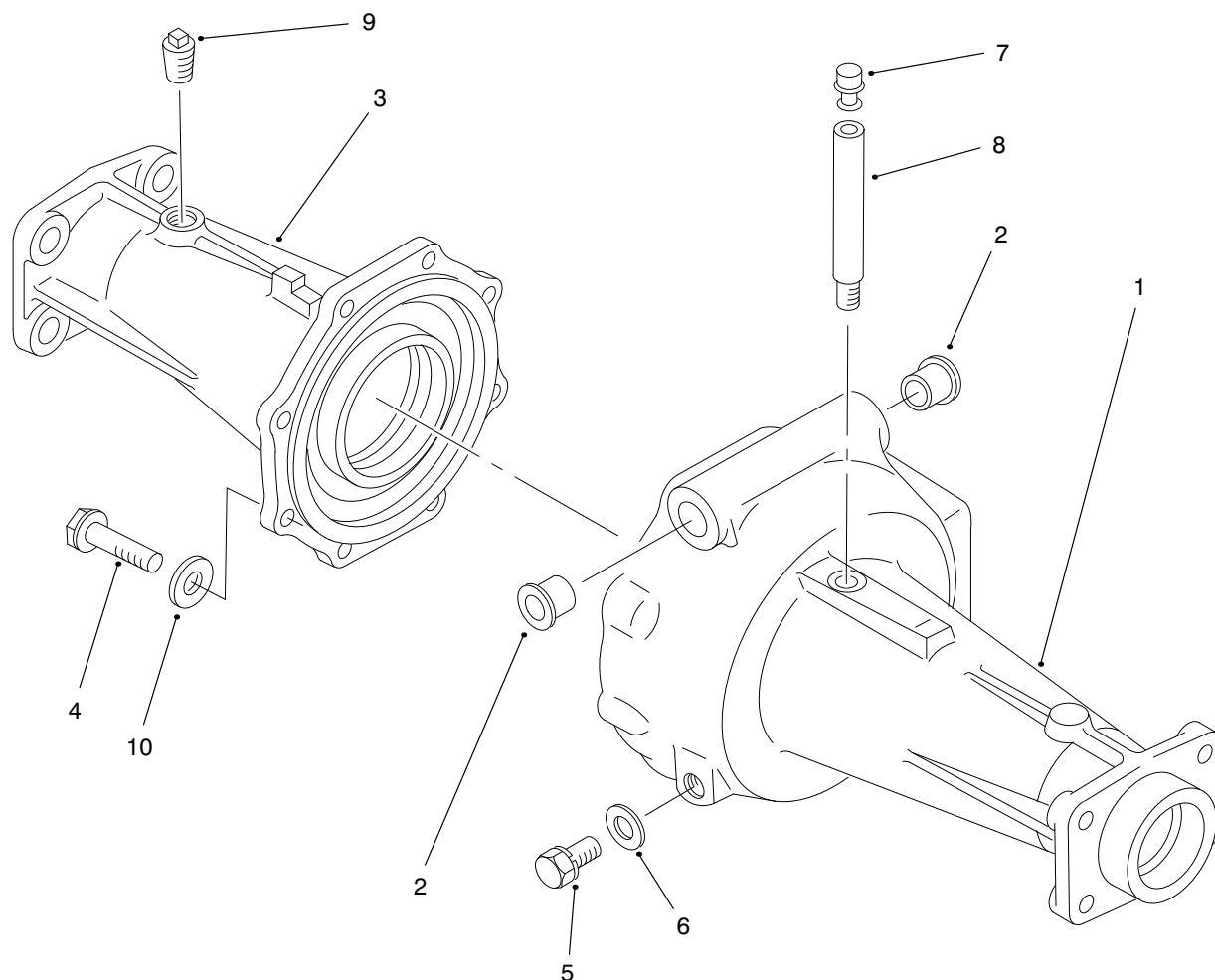
T-2077-6

4-WD AXLE ASSEMBLY (Model No. 03804)

Ref. No.	Part No.	Description	No. Used
48	32136-14	Nut-Hex. Slotted	2
49	3272-12	Pin-Cotter	4
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-HH	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-Flat	1
66	88-1550	Stop-Axle	2
67	94-2806	Adapter-Nut (Europe)	6
68	94-3052	Weight-Wheel (Europe)	2
69	3256-26	Washer-Flat (Europe)	6
70	3213-14	Screw-HH	6
71	94-3063	Extension-Stem, Valve (Europe)	2

*Not Illustrated



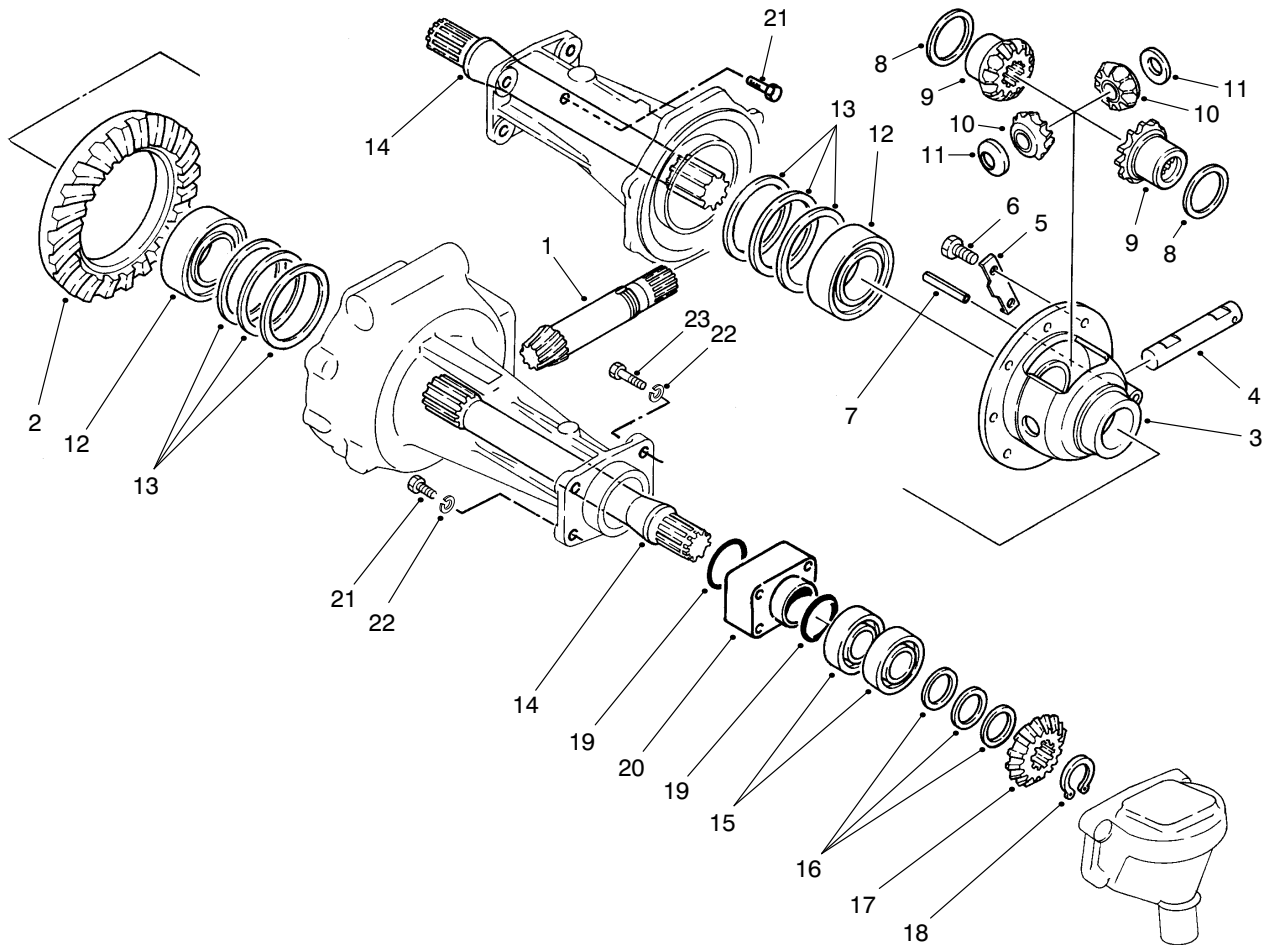
T-1112-2

AXLE HOUSING ASSEMBLY

AXLE NO. 98-2447 (Model No. 03804 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

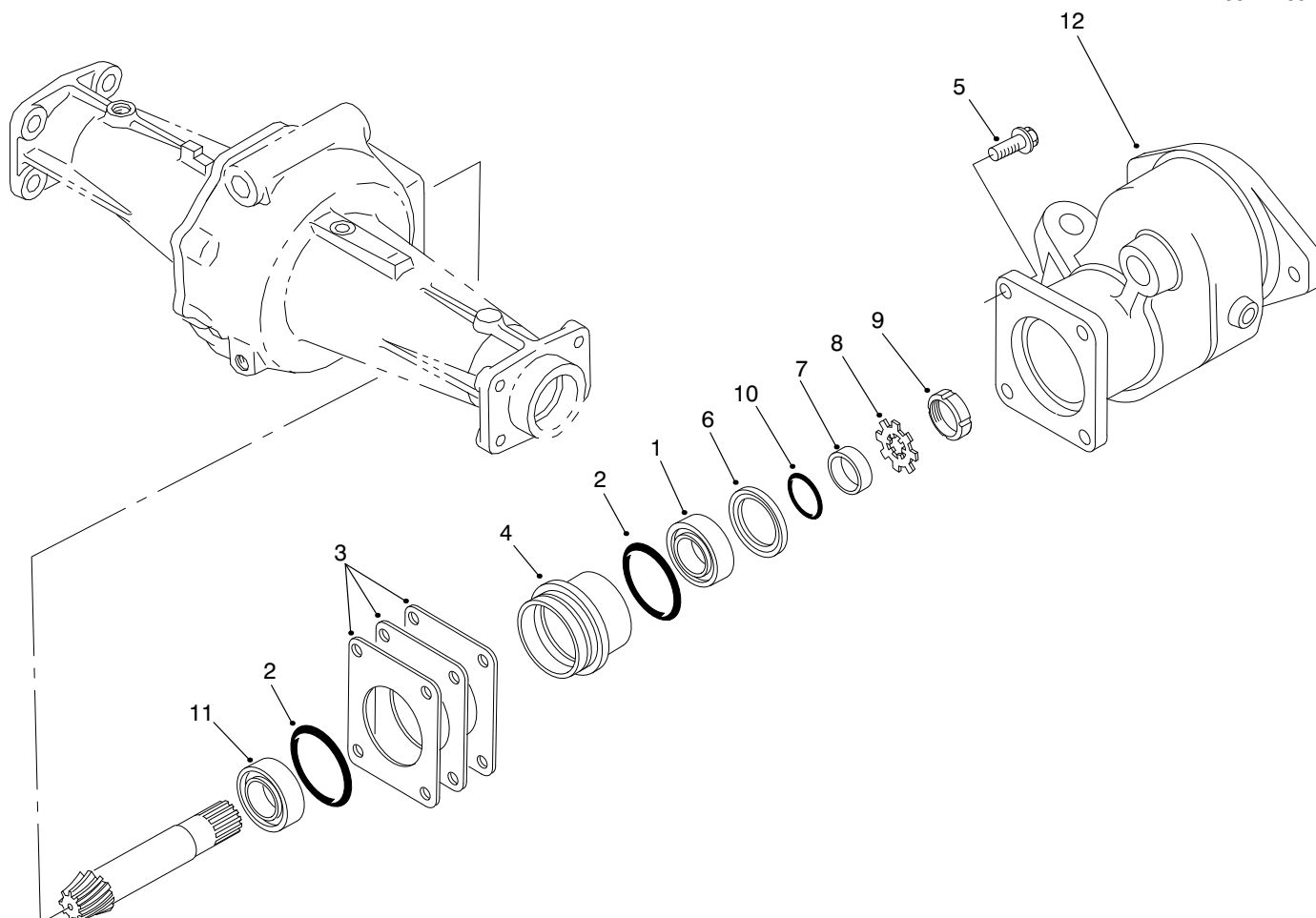


T-1111-2

DIFFERENTIAL & SHAFT ASSEMBLY AXLE NO. 98-2447 (Model No. 03804 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



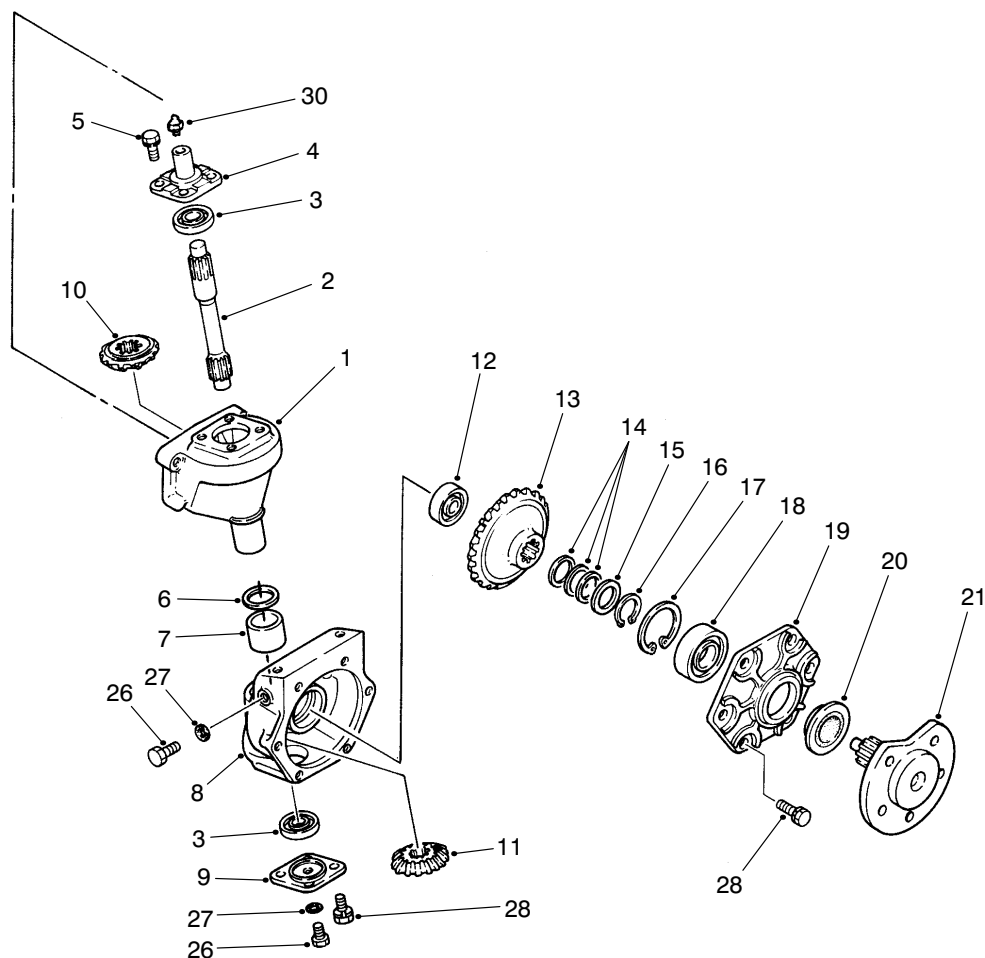
T-1109-3

SLEEVE ASSEMBLY AXLE NO. 98-2447 (Model No. 03804 Only)

Ref. No.	Part No.	Description	No. Used
1	76-7330	Bearing	1
2	76-7400	O-Ring	2
3	76-7410	Shim-0.1 mm	A/R
*	76-7420	Shim-0.2 mm	A/R
*	76-7430	Shim-0.4 mm	A/R
4	76-7320	Sleeve	1
5	93-7773	Bolt	4
6	76-7340	Seal-Oil	1

Ref. No.	Part No.	Description	No. Used
7	76-7350	Bushing	1
8	76-7380	Washer	1
9	76-7390	Nut-Lock	1
10	76-7360	O-Ring	1
11	76-7370	Bearing	1
12	76-8070	Adapter	1
*	77-4010	Shim Set (Incl. Ref. #3)	1

*Not Illustrated



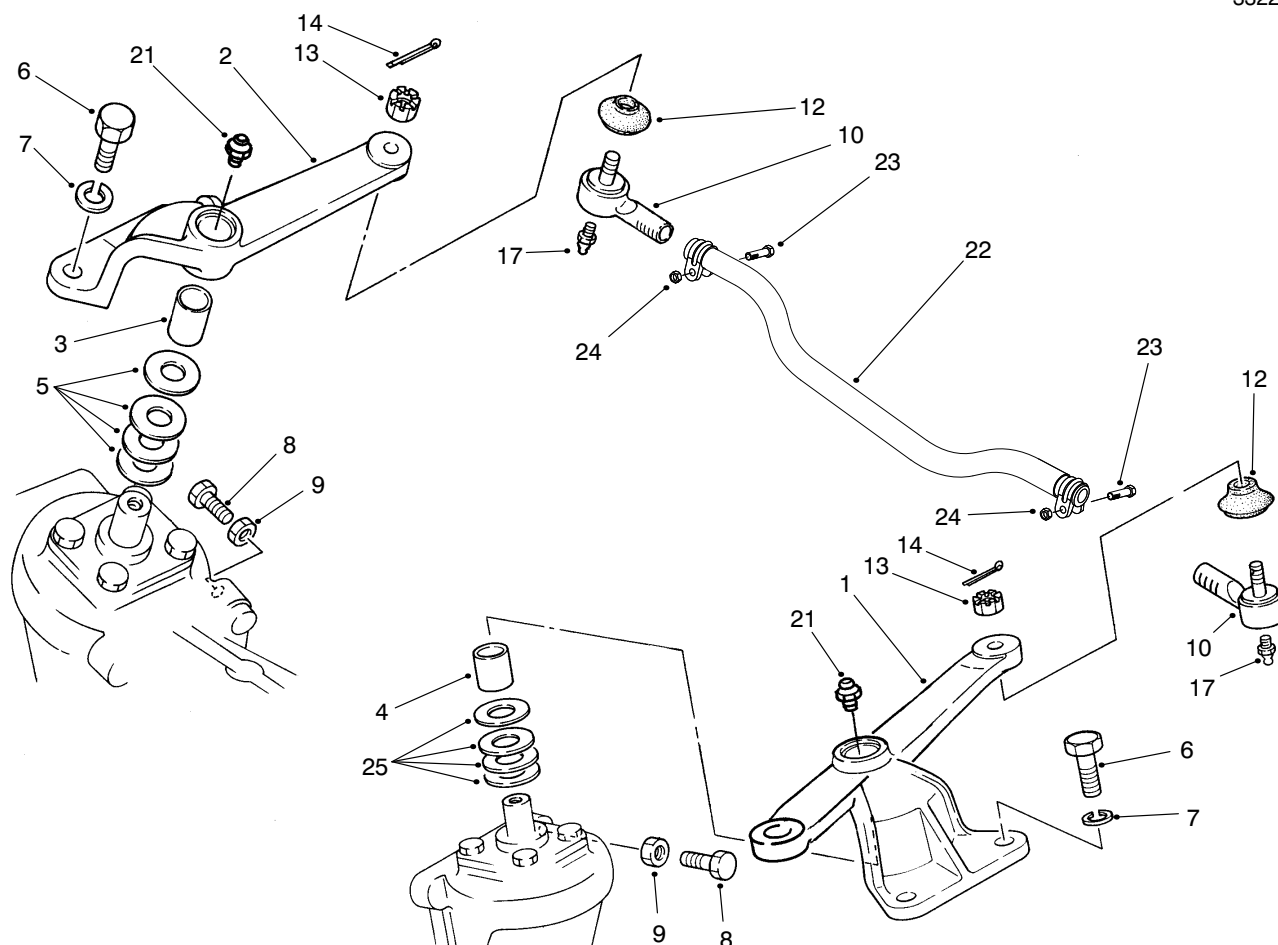
T-1110-1

STEERING GEAR CASE ASSEMBLY AXLE NO. 98-2447 (Model No. 03804 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 LH	1
*	76-7630	Holder-25 mm RH	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

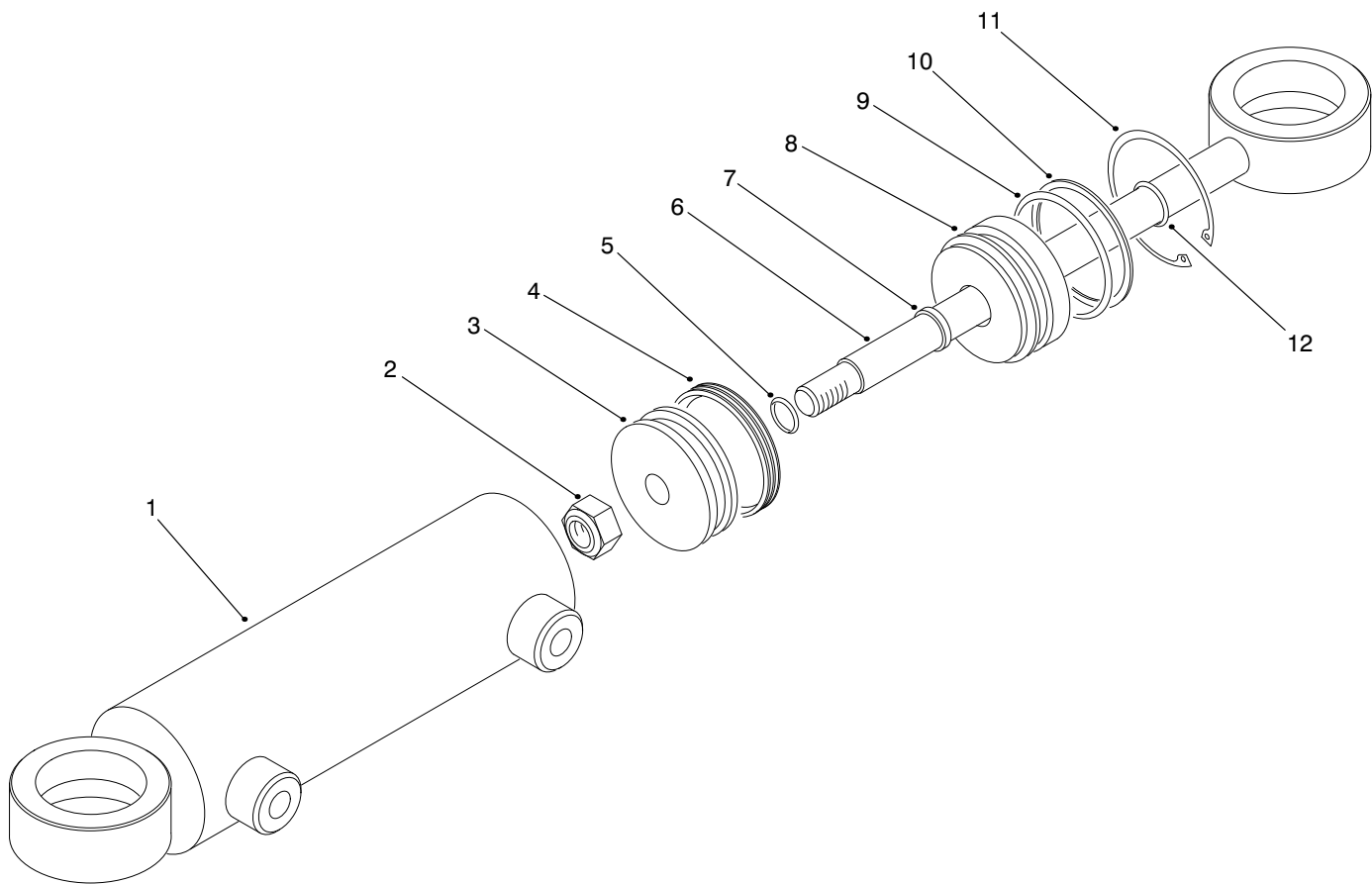


T-2937-1

STEERING ARM LINKAGE AXLE NO. 98-2447 (Model No. 03804 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	98-2444	Arm-Drag Link	1	17	302-55	Fitting-Grease	2
2	98-2446	Arm-Tie Rod	1	21	76-7960	Fitting-Grease	2
3	76-4260	Bushing	1	22	98-8841	Asm-Bar & Clamp	1
4	76-7950	Bushing	1	23	323-9	Screw-HH	2
5	76-7820	Shim-1.0 mm	A/R	24	3296-39	Nut-Lock	2
*	76-7970	Shim-1.4 mm	A/R	25	76-7700	Shim-0.8 mm	A/R
*	76-7980	Shim-1.2 mm	A/R	*	76-7760	Shim-1.0 mm	A/R
*	76-7990	Shim-.08 mm	A/R	*	76-7780	Shim-1.2 mm	A/R
6	76-8000	Bolt	4	*	76-7790	Shim-1.4 mm	A/R
7	76-8010	Washer	2	*	77-4050	Shim Set (Incl. Ref. #5)	1
8	76-7710	Bolt	2	*	77-4040	Shim Set (Incl. Ref. #25)	1
9	76-7720	Nut	4	*	98-8838	Tie Rod-4WD (Incl. Ref. #10-13, 17 & 22-24)	1
10	2411-45	Tie Rod End	2				
12	71-4760	Seal	2				
13	32136-13	Nut-Hex. Slotted	2				
14	3272-7	Pin-Cotter	2				

*Not Illustrated



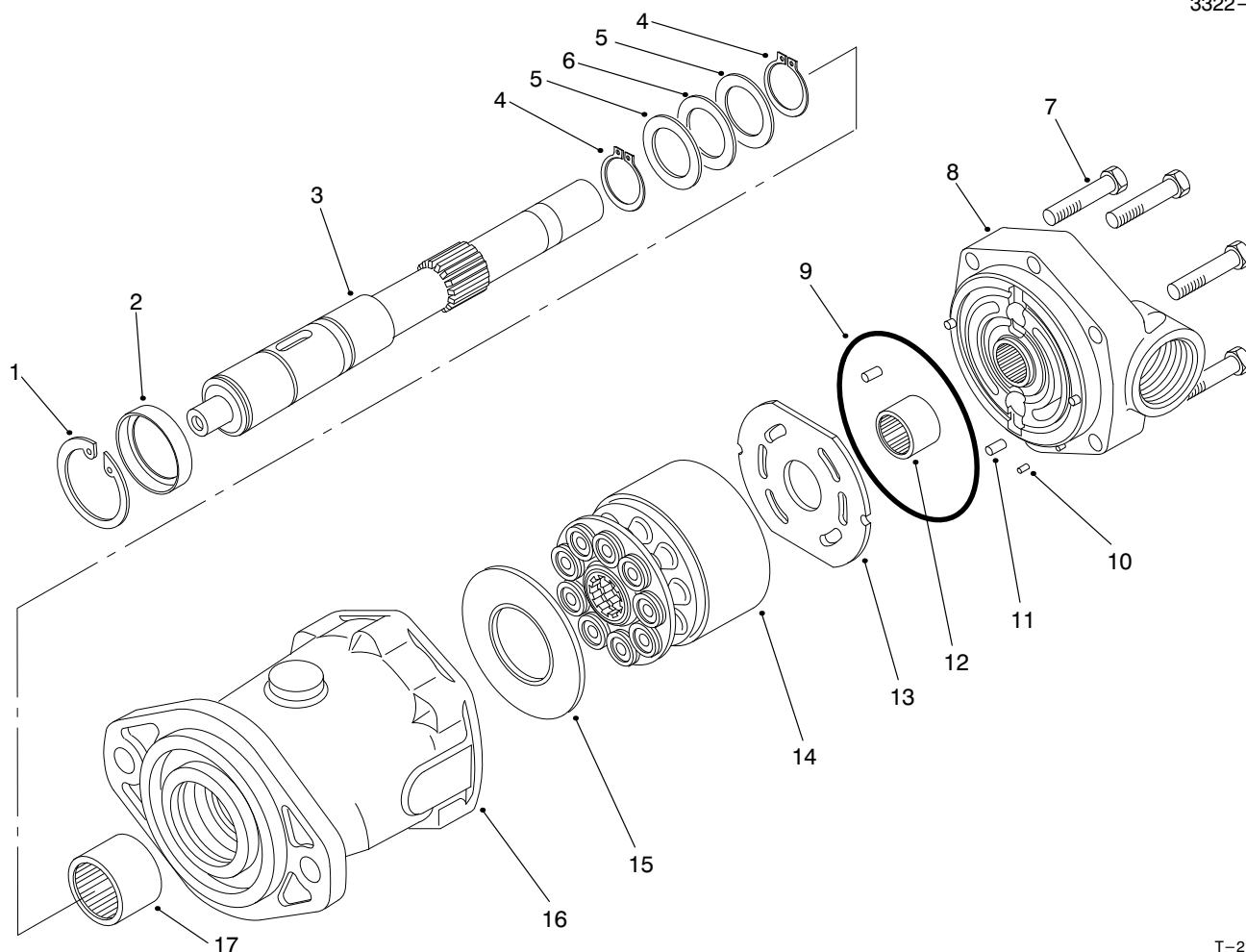
T-2452-1

HYDRAULIC CYLINDER NO. 94-8141 (Model No. 03804)

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

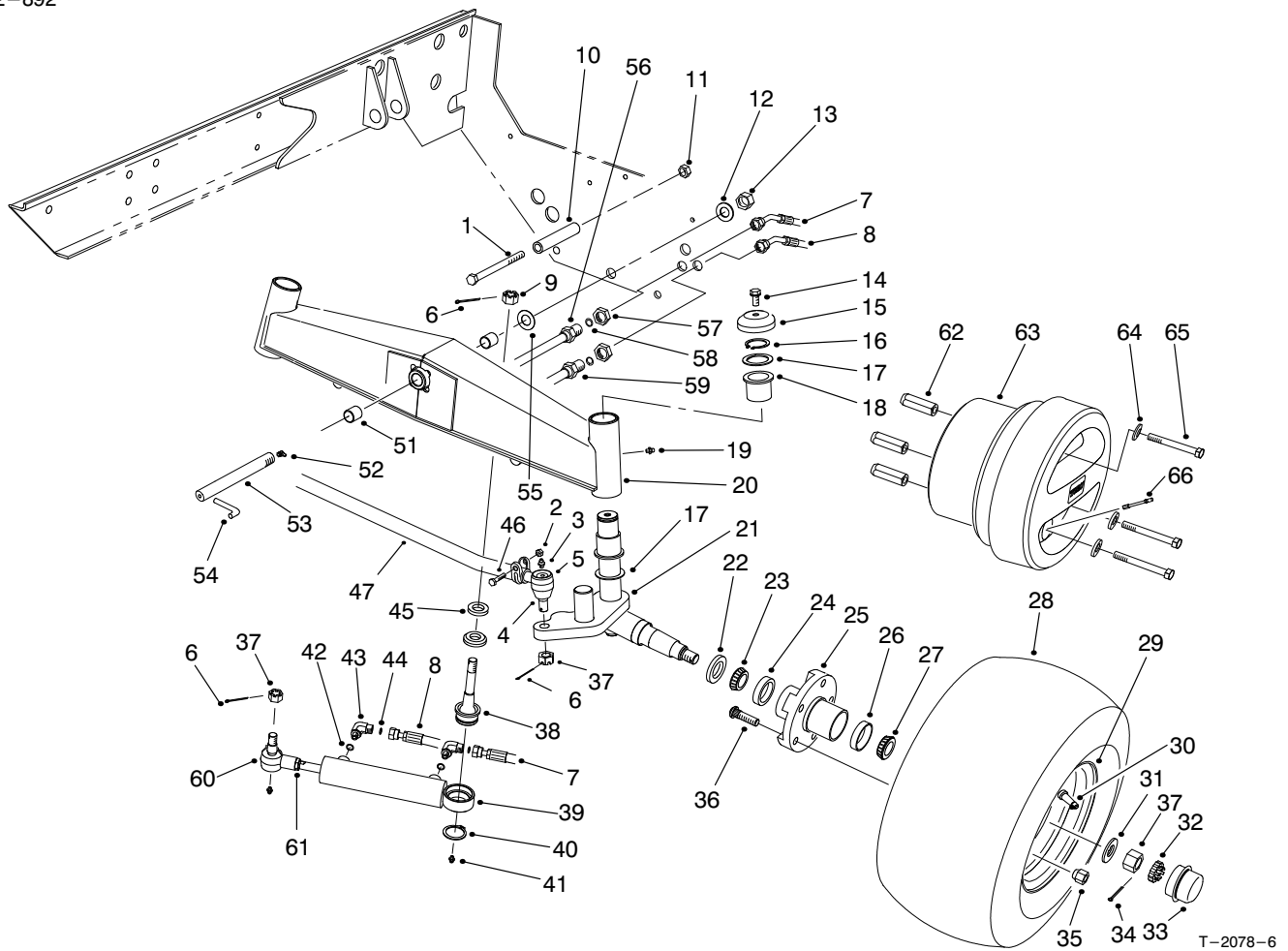
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T-2118-1

4 WD HYDRAULIC MOTOR ASSEMBLY NO. 92-7386

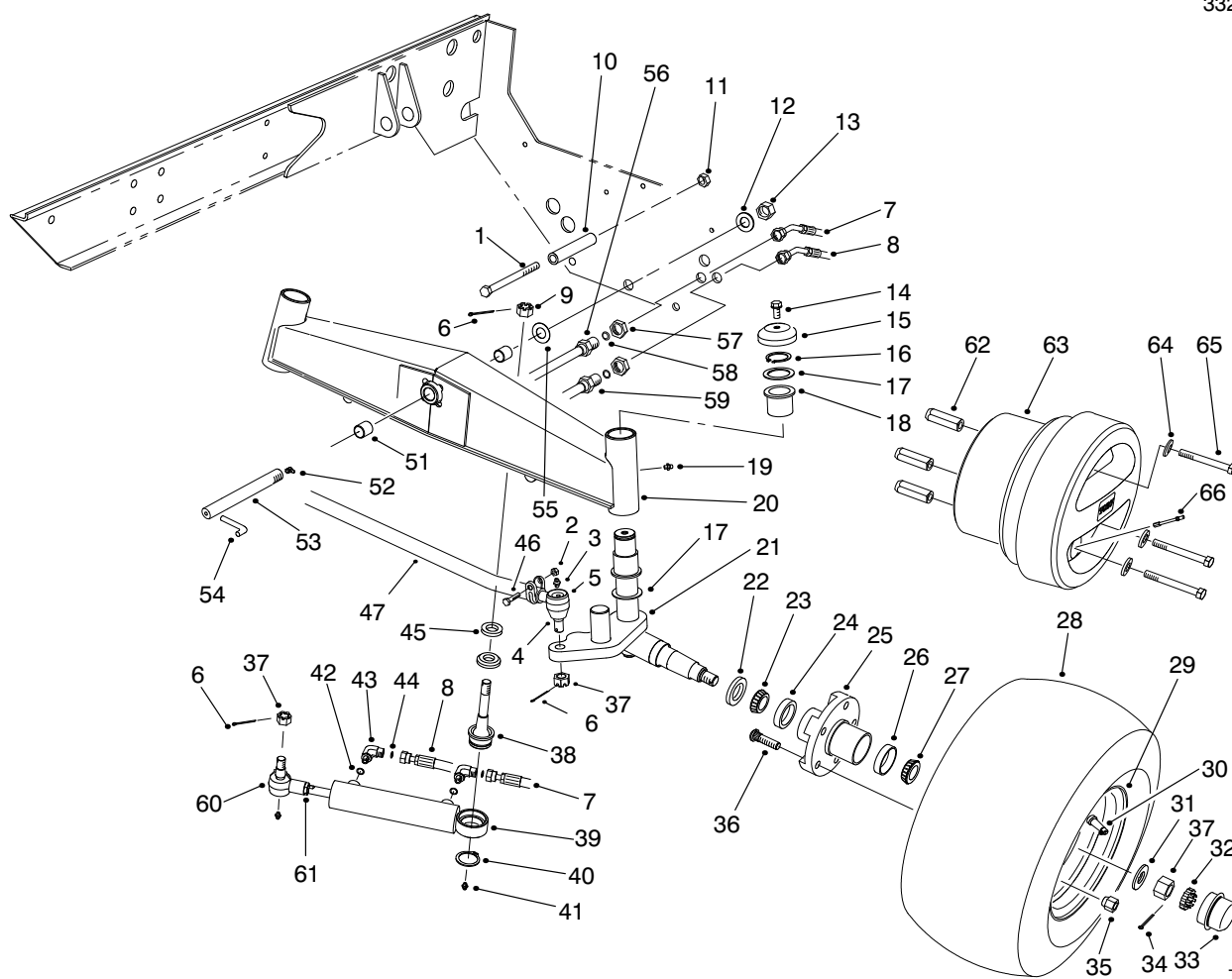
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-7010	Ring-Retaining	1	10		Pin-Dowel	3
2	76-7020	Spacer	1	11		Pin-Dowel	1
3	76-6930	Shaft-Drive, Straight	1	12		Bearing-Needle	1
4	76-7000	Ring-Retaining	2	13	94-3003	Plate-Valve	1
5	76-6950	Race-Thrust	2	14	76-6910	Kit-Rotating	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-2078-6

2-WD REAR AXLE ASSEMBLY (Model No. 03803)

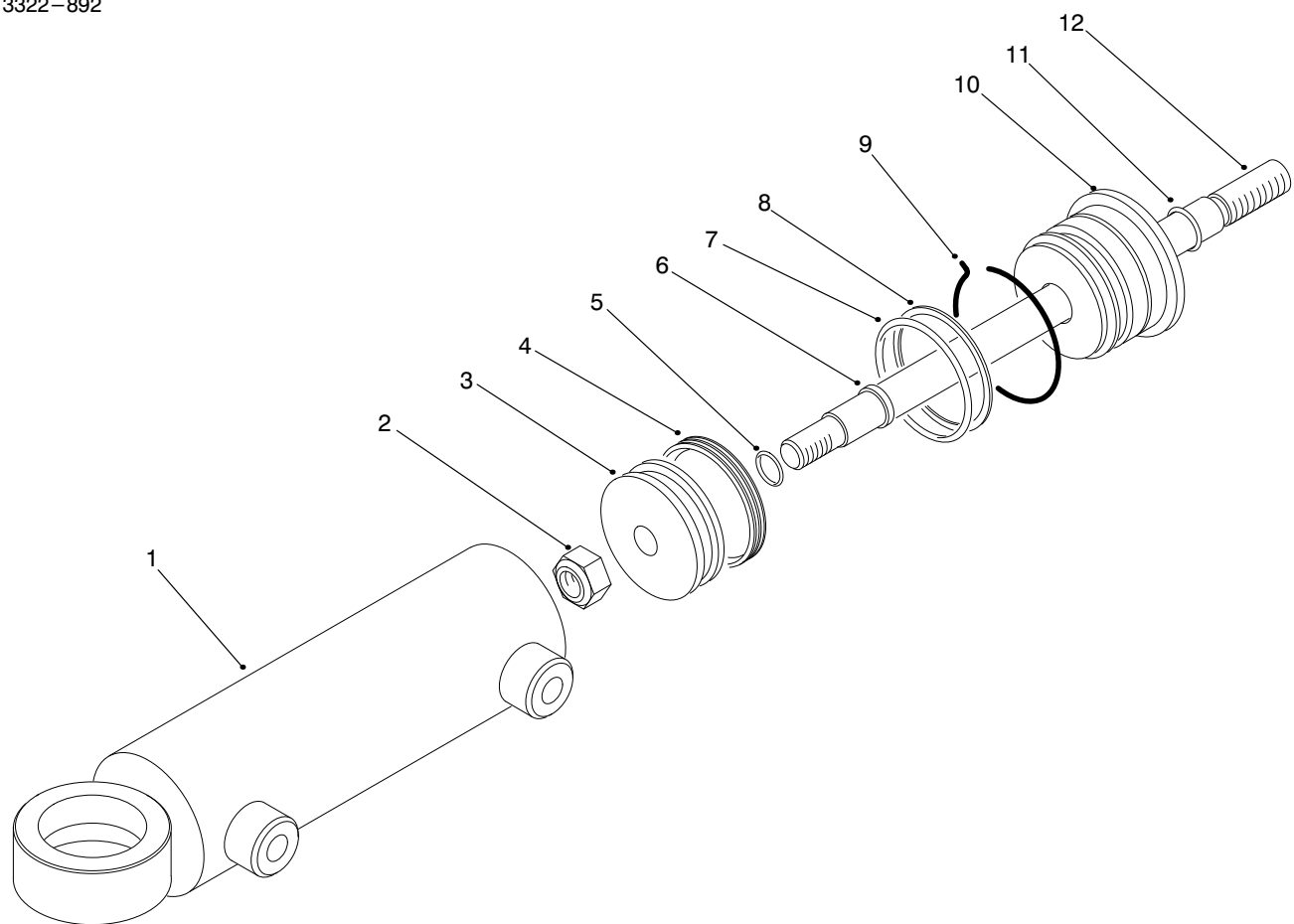
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	325-20	Screw-HH	2	25	92-9651	Asm-Hub (Incl. Ref. #24, 26, & 36)	2
2	3296-39	Nut-Lock	2	26	254-72	Cup-Bearing	2
3	302-55	Fitting-Grease	2	27	254-92	Cone-Bearing	2
4	71-4760	Seal	2	28	86-5910	Tire	2
5	2411-45	Tie Rod End (Incl. Ref. #3-4 & 37)	2	29	217-125	Wheel	2
6	3272-12	Pin-Cotter	2	30	232-27	Stem-Valve	2
7	92-7594	Asm-Hose	1	31	93-0309	Washer-Tab	2
8	92-7595	Asm-Hose	1	32	93-0307	Nut-Retainer	2
9	32136-14	Nut-Hex. Slotted	4	33	95-7152	Protector-Bearing	2
10	76-8350	Stop-Axle	2	34	3272-13	Pin-Cotter	2
11	3296-45	Nut-Lock	2	35	242-50	Nut-Lug	10
12	3256-29	Washer-Flat	1	36	92-9652	Stud-Drive	10
13	94-8000	Nut-Lock	1	37	32136-13	Nut-Hex. Slotted	2
14	3234-12	Screw-HHF	2	38	92-5839	Ball Joint	1
15	69-8890	Cap-Spindle	2	39	94-8142	Asm-Cylinder	1
16	32151-10	Ring-Retaining	2	40	94-9973	Ring-Retaining	1
17	62-2170	Washer-Thrust	4	41	302-5	Fitting-Grease	1
18	69-6470	Bushing-Flange	4	42	237-78	O-Ring	2
19	302-11	Fitting-Grease	2	43	340-97	Fitting-Hydraulic 90° (Incl. Ref. #42 & 44)	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	44	237-22	O-Ring	2
*	92-9724	Spindle-RH	1	45	92-5833	Spacer-Ball Joint	1
22	69-2980	Seal-Inner	2	46	323-9	Screw-HH	2
23	254-106	Cone-Bearing	2	47	98-8840	Asm-Tube & Clamp	1
24	254-107	Cup-Bearing	2				



T-2078-6

2-WD REAR AXLE ASSEMBLY (Model No. 03803) (Cont.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
51	94-5603	Bushing-Sleeve	2	61	3220-11	Nut-Jam	1
52	302-33	Fitting-Grease 90°	1	62	94-2807	Adapter-Nut (Europe)	6
53	94-8115	Pin-Axle, Pivot	1	63	94-3052	Weight-Wheel (Europe)	2
54	92-7604	Pin-Stop	1	64	3256-26	Washer-Flat (Europe)	6
55	93-7247	Washer-Thrust	1	65	3213-14	Screw-HH (Europe)	6
56	92-7495	Asm-Tube, Steering Rear	1	66	94-3063	Extension-Stem, Valve (Europe)	2
57	340-70	Nut-Bulkhead	2	*	98-8839	Asm-Tie Rod (Incl. Ref. #2-5, 37, 46 & 47)	1
58	237-22	O-Ring	2				
59	92-7494	Asm-Tube, Steering Rear	1				
60	92-5837	Asm-Rod End	1				



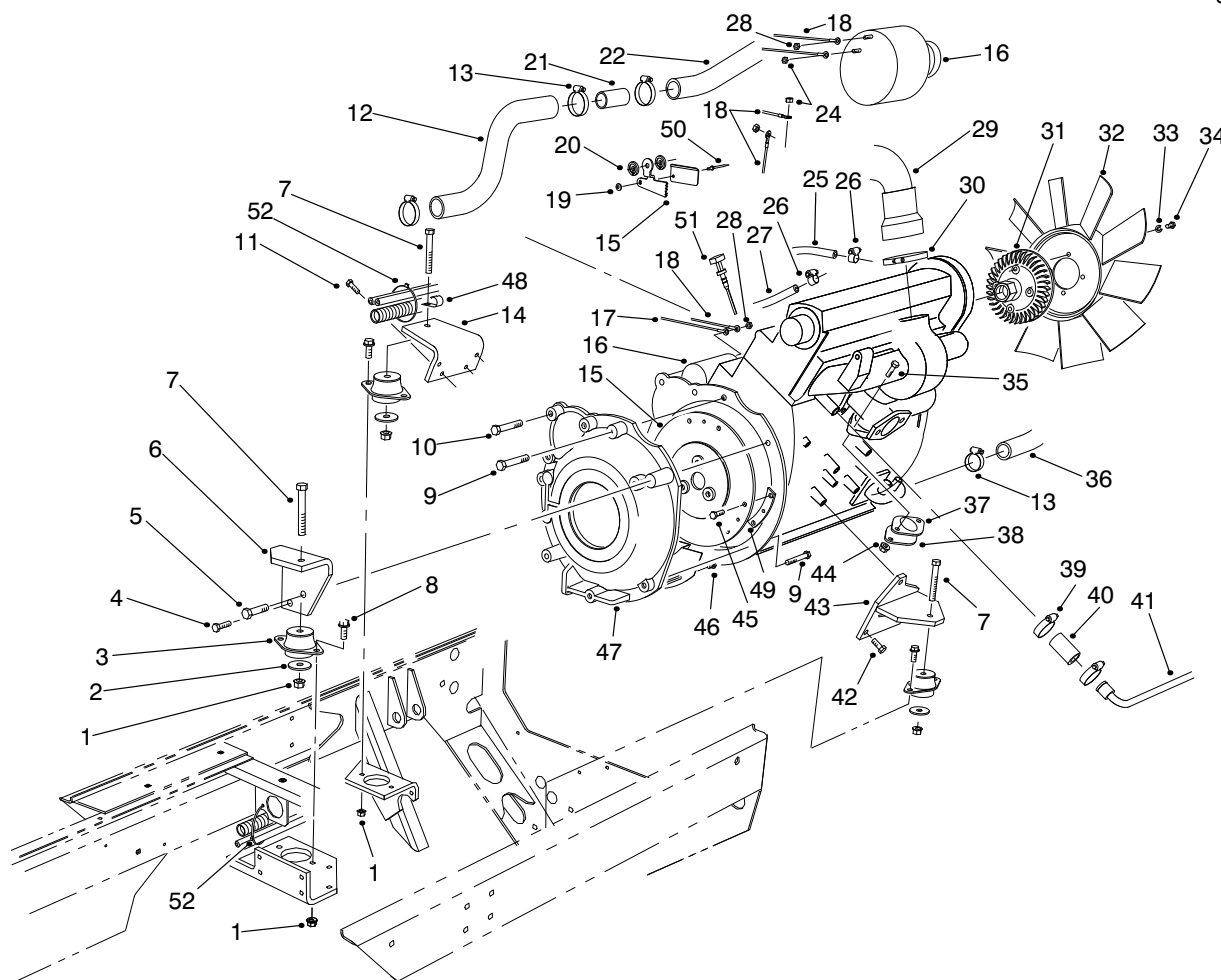
T-2453-1

HYDRAULIC CYLINDER NO. 94-8142 (Model No. 03803)

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

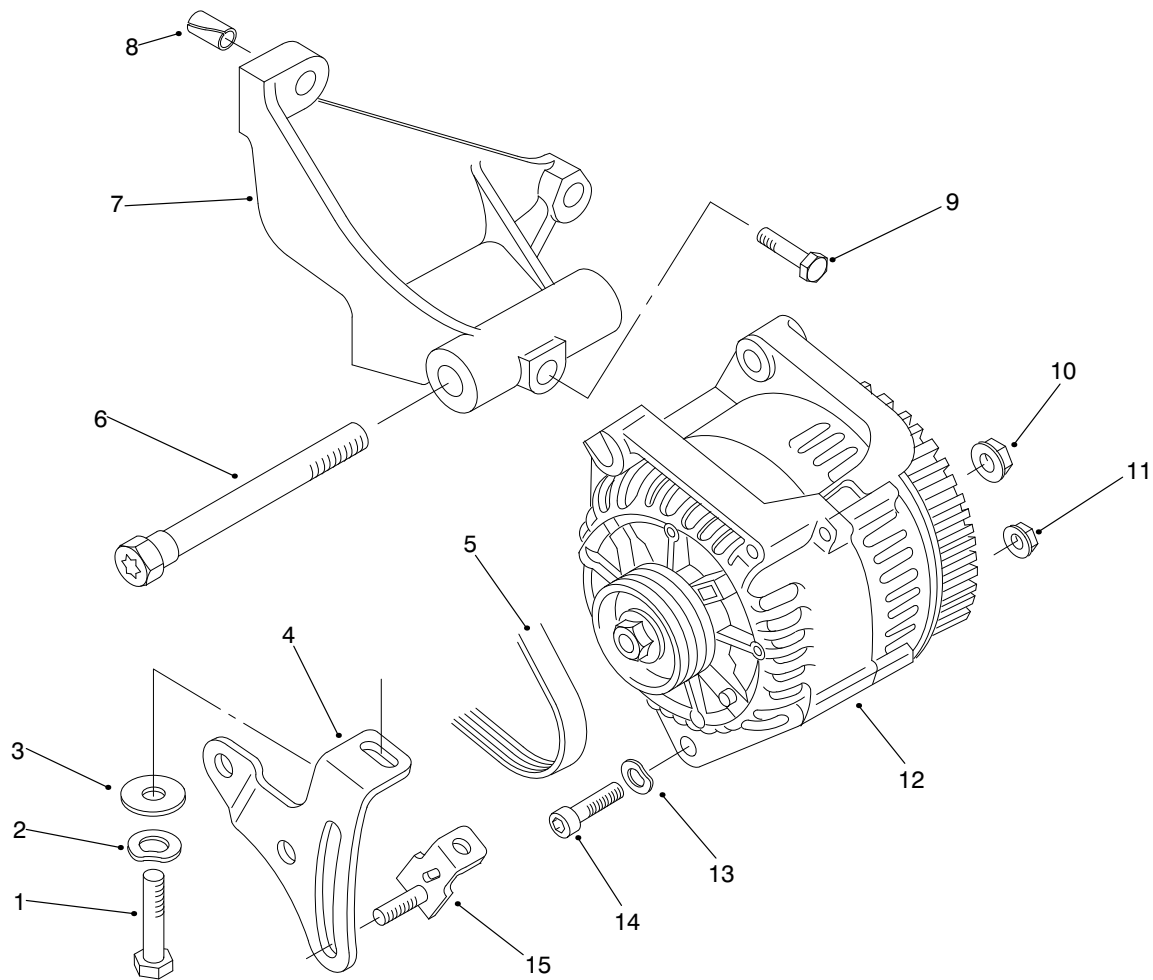


T-2074-1

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	33005-00	Nut-HHF	9	27	63-7627	Hose-Fuel	1
2	87-5100	Washer-Snubbing	3	28	48-7930	Nut-Hex.	2
3	53-9681	Mount-Rubber	3	29	94-2624	Hose-Manifold	1
4	48-9470	Screw	1	30	2412-125	Clamp-Hose	1
5	48-7840	Screw-HH	1	31	92-7466	Clutch-Fan	1
6	92-7425	Support-Mount, Engine	1	32	74-3650	Fan-Engine	1
7	33105-070	Screw-HHF	3	33	3253-4	Washer-Lock	4
8	33105-030	Screw-HHF	6	34	322-3	Screw-HH	4
9	48-7570	Screw-HH	3	35	33104-020	Screw-HHF	2
10	48-7810	Screw-HH	3	36	92-7463	Hose-Radiator, Lower	1
11	66-3160	Screw	4	37	77-3700	Gasket-Exhaust, Manifold	1
12	94-1418	Hose-Radiator, Upper	1	38	92-7382	Cover-Manifold	1
13	2412-3	Clamp-Hose	4	39	2412-129	Clamp-Hose	4
14	92-7429	Mount-Motor, RH	1	40	74-6490	Hose-Water Line	2
15	94-1421	Coupling-Center, Spring	1	41	92-7381	Tube-Water, Return	1
16	93-4233	Asm-Engine	1	42	48-7780	Screw-HH	3
17	75-1370	Cable-Battery, Positive	1	43	92-7426	Mount-Motor	1
18	99-8963	Harness-Wire, Main	1	44	33004-00	Nut-HHF	2
*	94-9967	Circuit Breaker-50 Amp	1	45	48-7700	Screw-HH	6
*	94-9968	Circuit Breaker-100 Amp	1	46	48-7610	Screw-HH	3
19	3256-49	Washer-Flat	1	47	82-5120	Adapter-Pump To Engine	1
20	86-2990	Mount-Cable, Throttle	2	48	2412-150	J-Clip	1
21	93-7594	Spacer-Tubular	1	49	92-1422	Spacer-Coupler	3
22	93-4215	Hose-Radiator, Upper Rear	1	50	3290-282	Rivet-Pop	1
24	48-7880	Nut	3	51	93-9176	Dipstick-Peugeot	1
25	92-7521	Hose-Fuel	1	52	3290-378	Tie-Cable	2
26	2412-108	Clamp-Hose	2				

*Not Illustrated

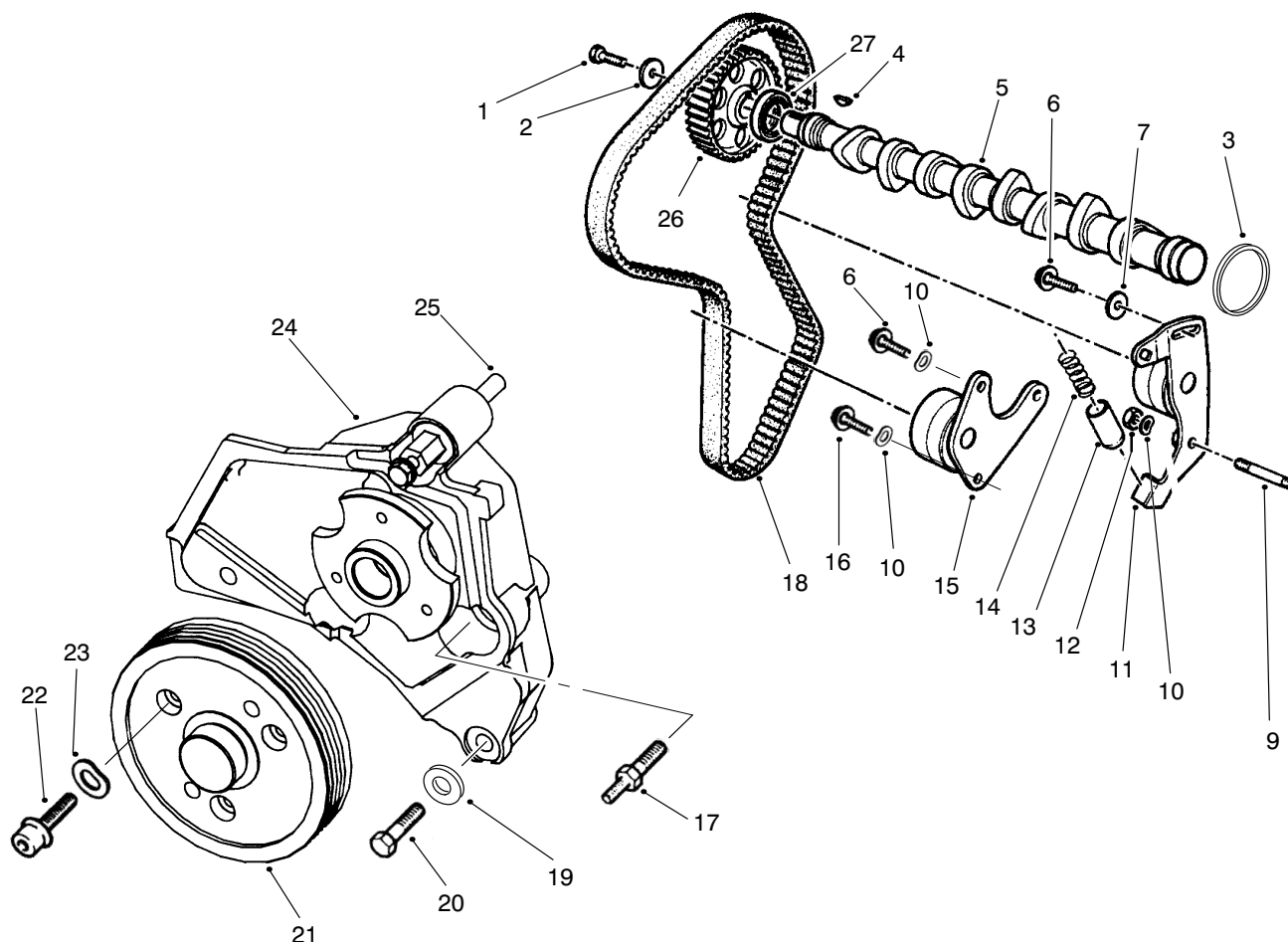


T-2147

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

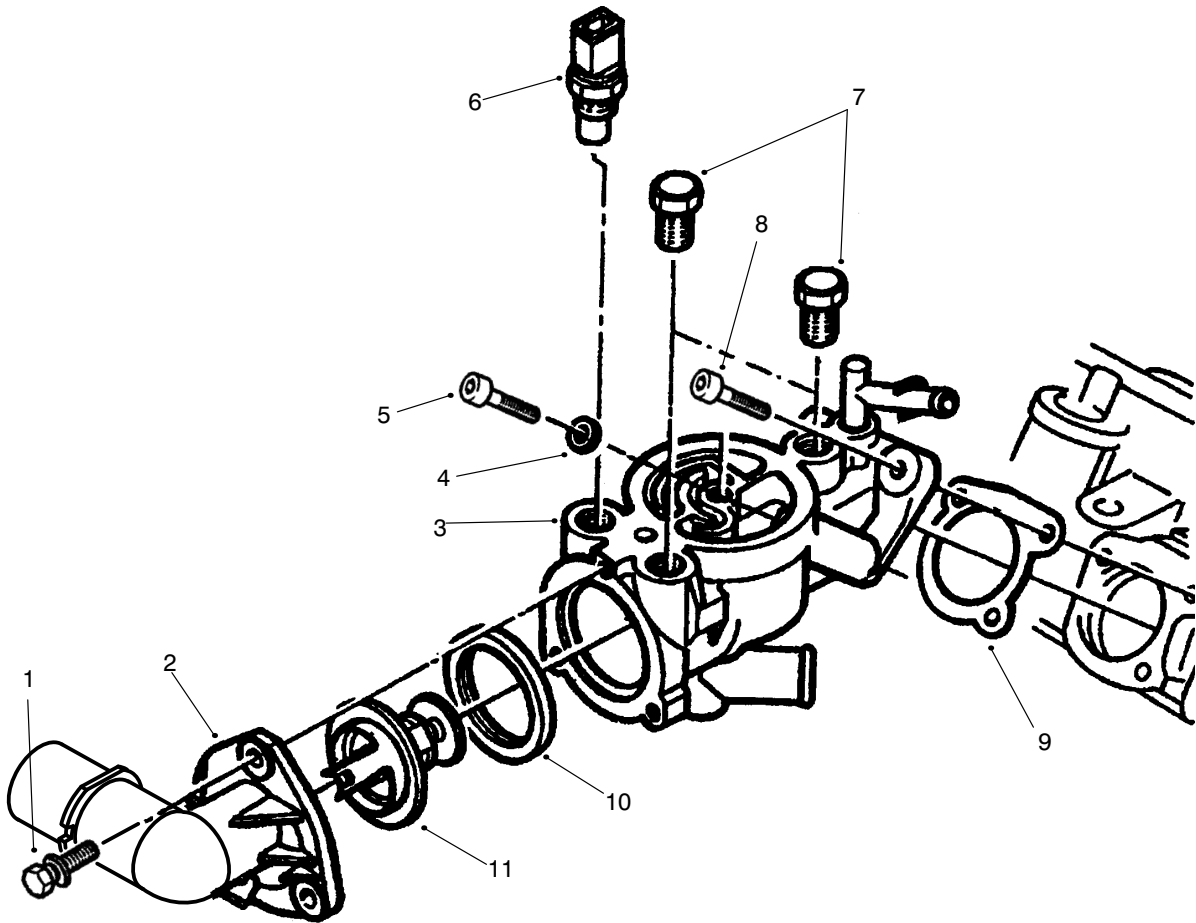
Ref. No.	Part No.	Description	No. Used
9	94-3259	Screw	1
10	94-3262	Nut	1
11	94-3261	Nut	1
12	94-3252	Alternator	1
13	94-3257	Washer-Spring	1
14	94-3258	Screw	1
15	76-4990	Bracket	1



T-2141-1

CAMSHAFT & FAN SUPPORT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	98-9968	Screw	2	15	94-3160	Asm-Roller	1
2	77-3450	Washer	2	16	94-3161	Screw	2
3	77-3420	Gasket	1	17	94-3170	Screw	1
4	99-9967	Key	1	18	74-8830	Belt	1
5	77-3400	Camshaft	1	19	94-3172	Washer	3
6	94-3163	Screw	1	20	94-3171	Screw	2
7	94-3166	Washer-Flat	1	21	94-3168	Pulley-Fan	1
9	94-3162	Stud	1	22	94-3173	Screw	3
10	94-3164	Washer-Spring	4	23	76-5010	Washer	3
11	94-3159	Asm-Roller	1	24	94-3167	Bracket-Fan	1
12	94-3165	Nut-Lock	1	25	94-3169	Screw	1
13	77-3520	Cup	1	26	98-9966	Gear-Camshaft	1
14	77-3510	Spring	1	27	94-9994	Gasket-Camshaft	1

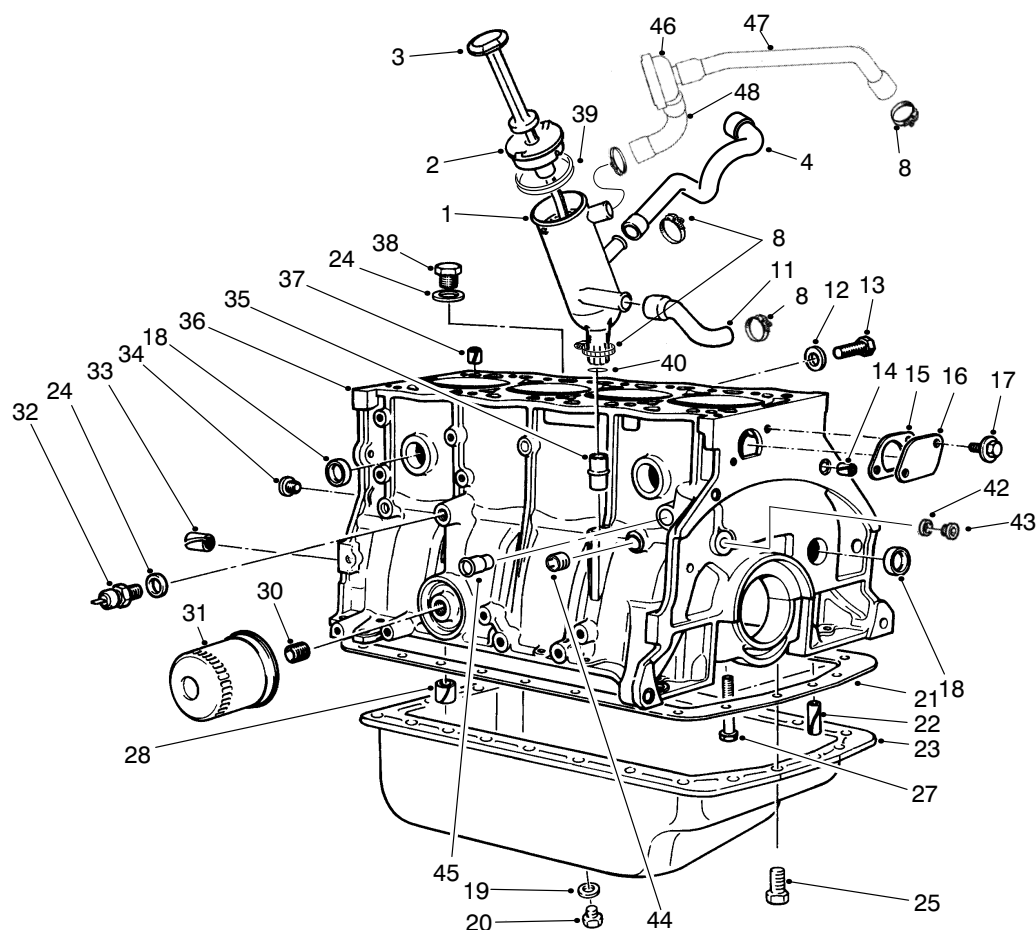


T-2143-3

COLLECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-3131	Screw	3
2	94-3208	Stub-Outlet	1
3	98-9970	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

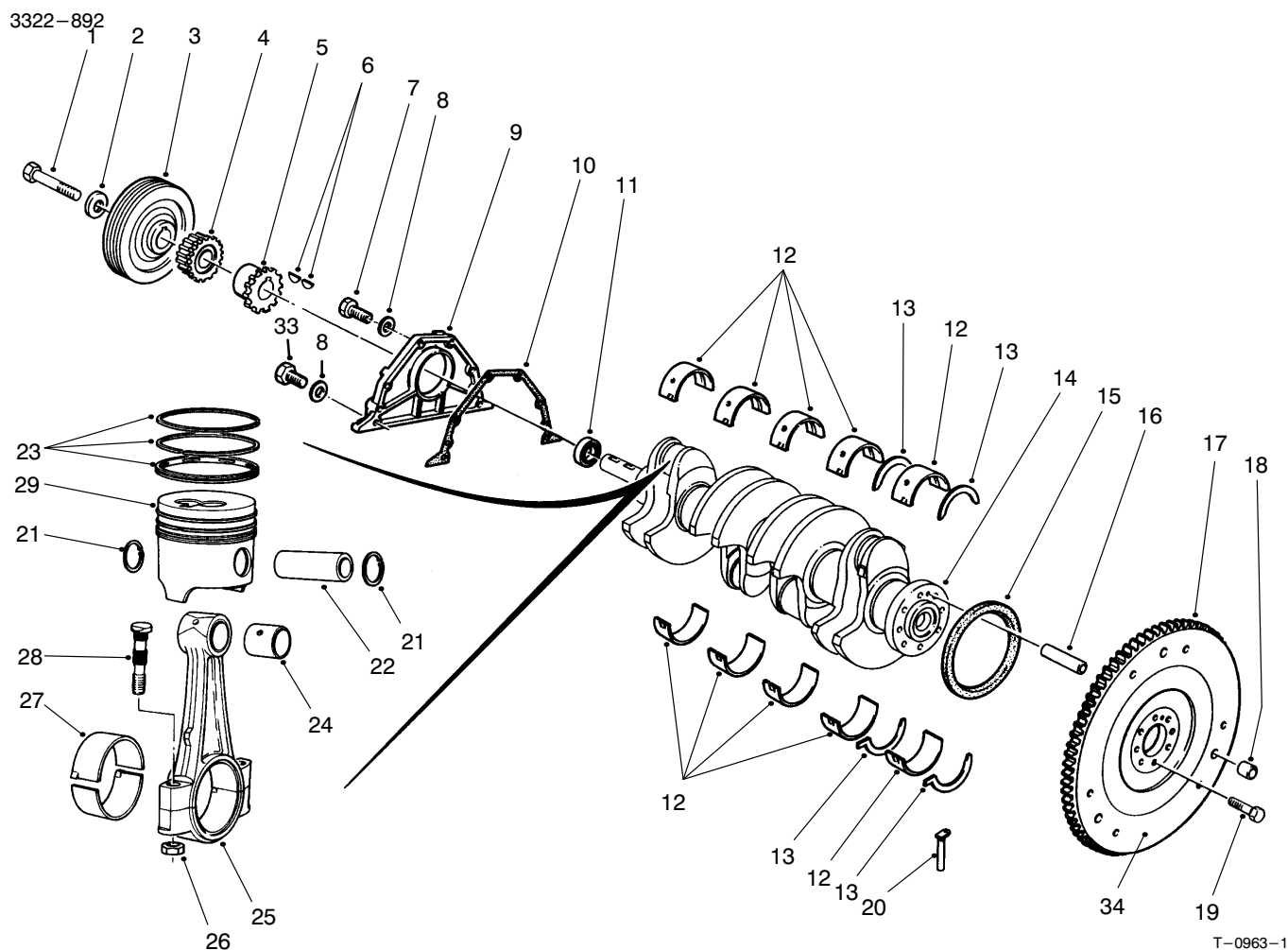


T-2142-3

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-HH	23	*	94-3101	Gasket Set (Without Head Gasket)	1
26	77-3790	Plug-Drain	1				

*Not Illustrated



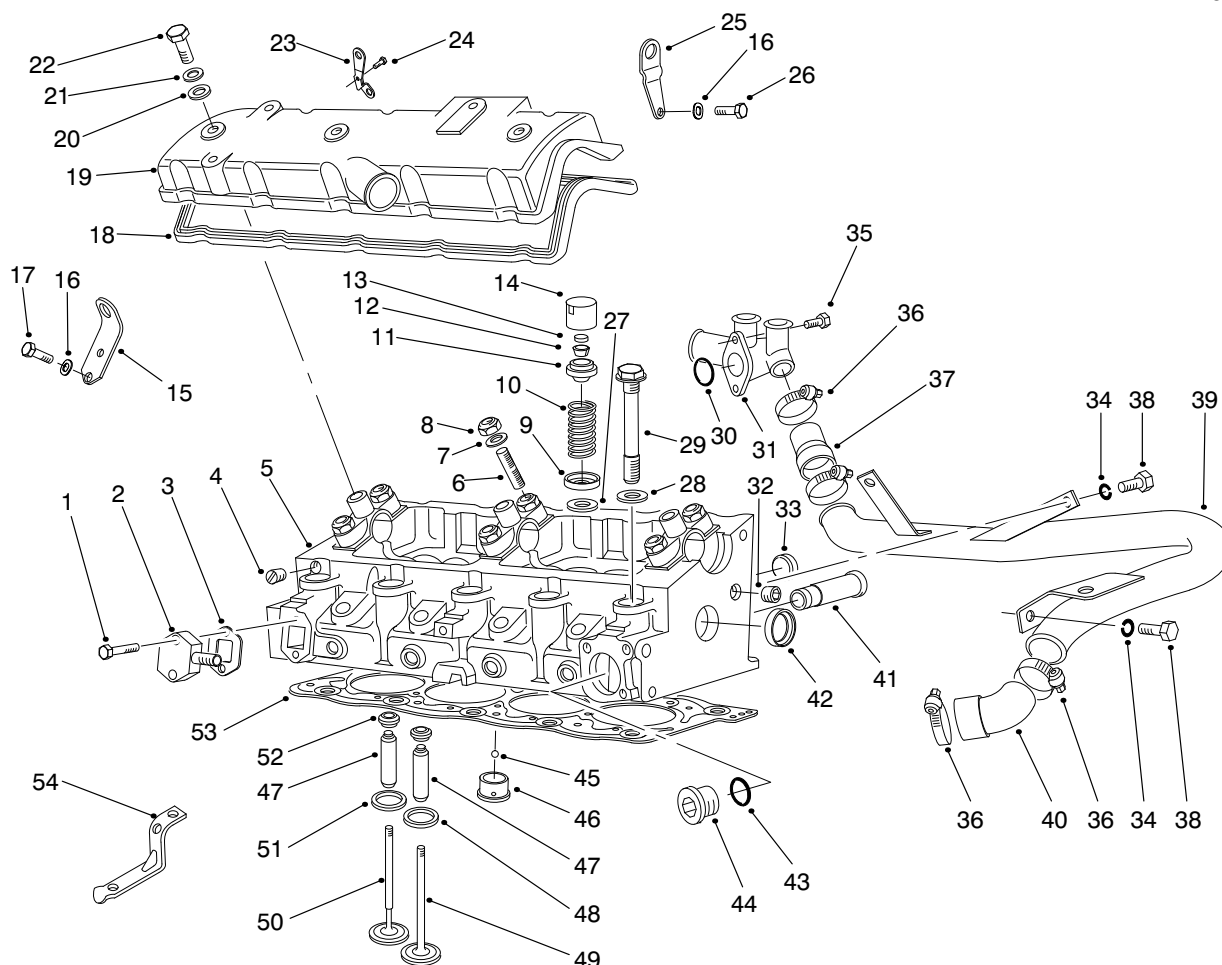
T-0963-1

CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-3145	Screw-HH	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-HH	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-HH	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	98-9965	Bushing-Sleeve	4
25	74-8360	Rod-Connecting (Set of 4)	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-HH	2
34	74-8260	Flywheel	1

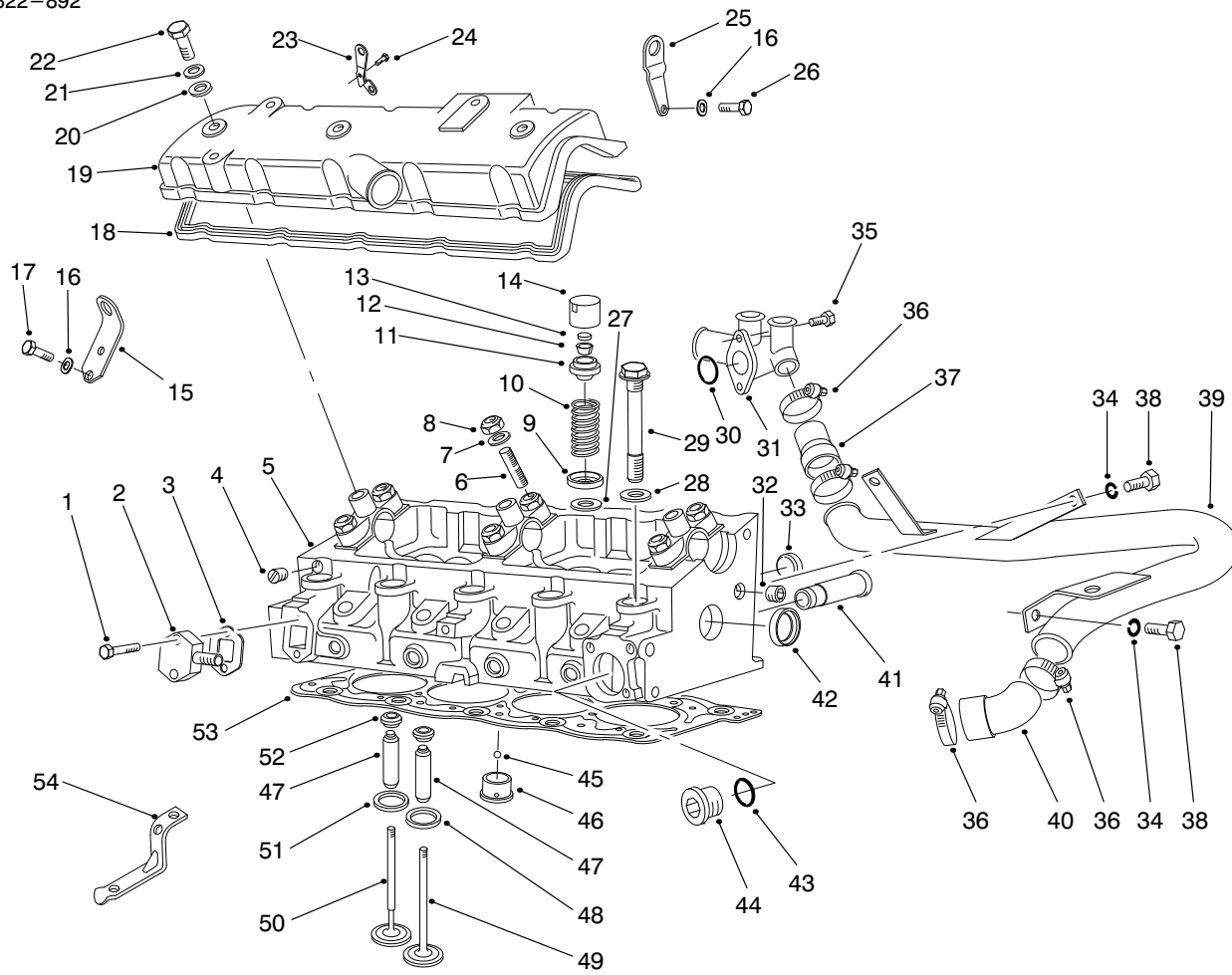


T-2148-4

CYLINDER HEAD ASSEMBLY

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

*Not Illustrated



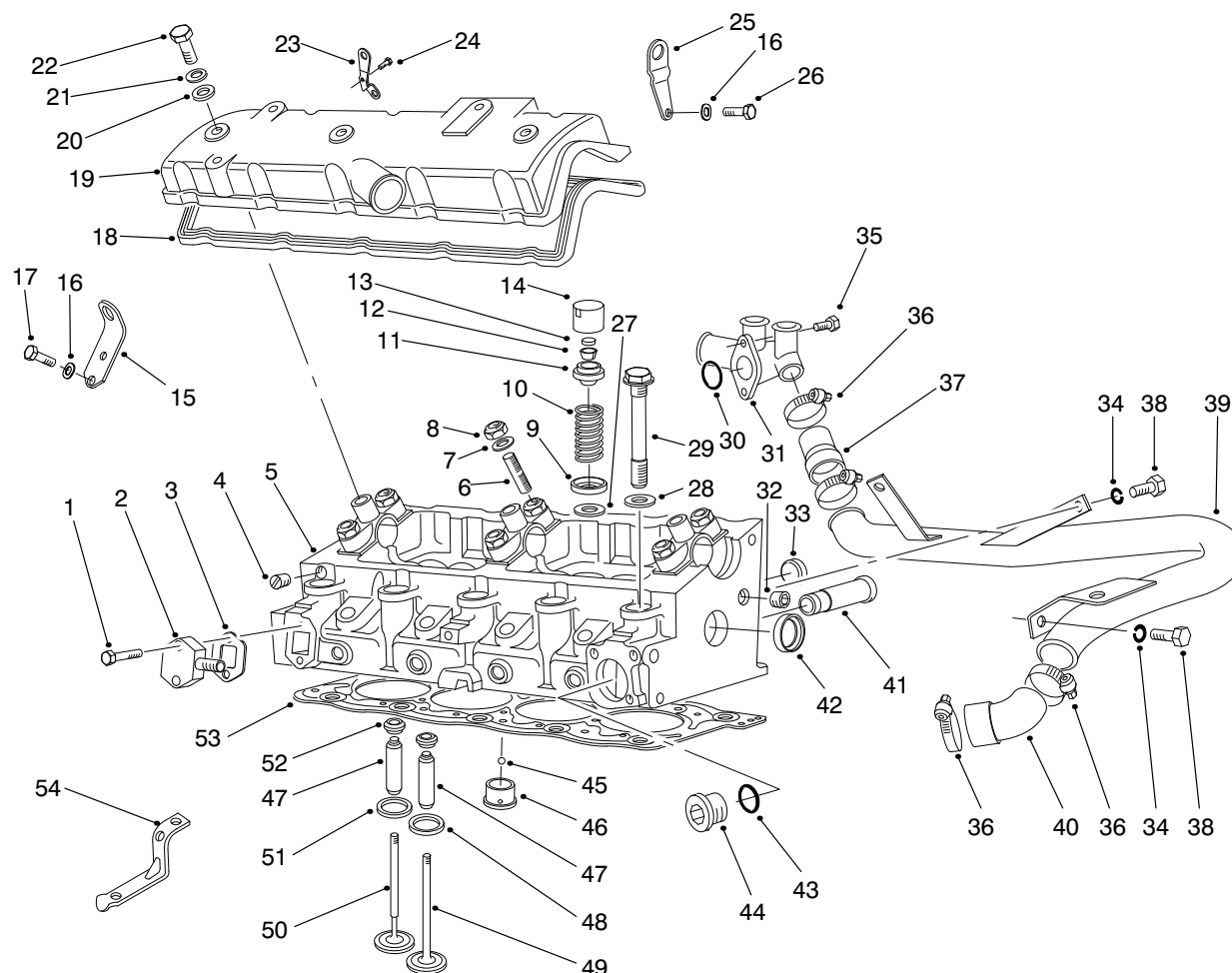
T-2148-4

CYLINDER HEAD ASSEMBLY (Continued)

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



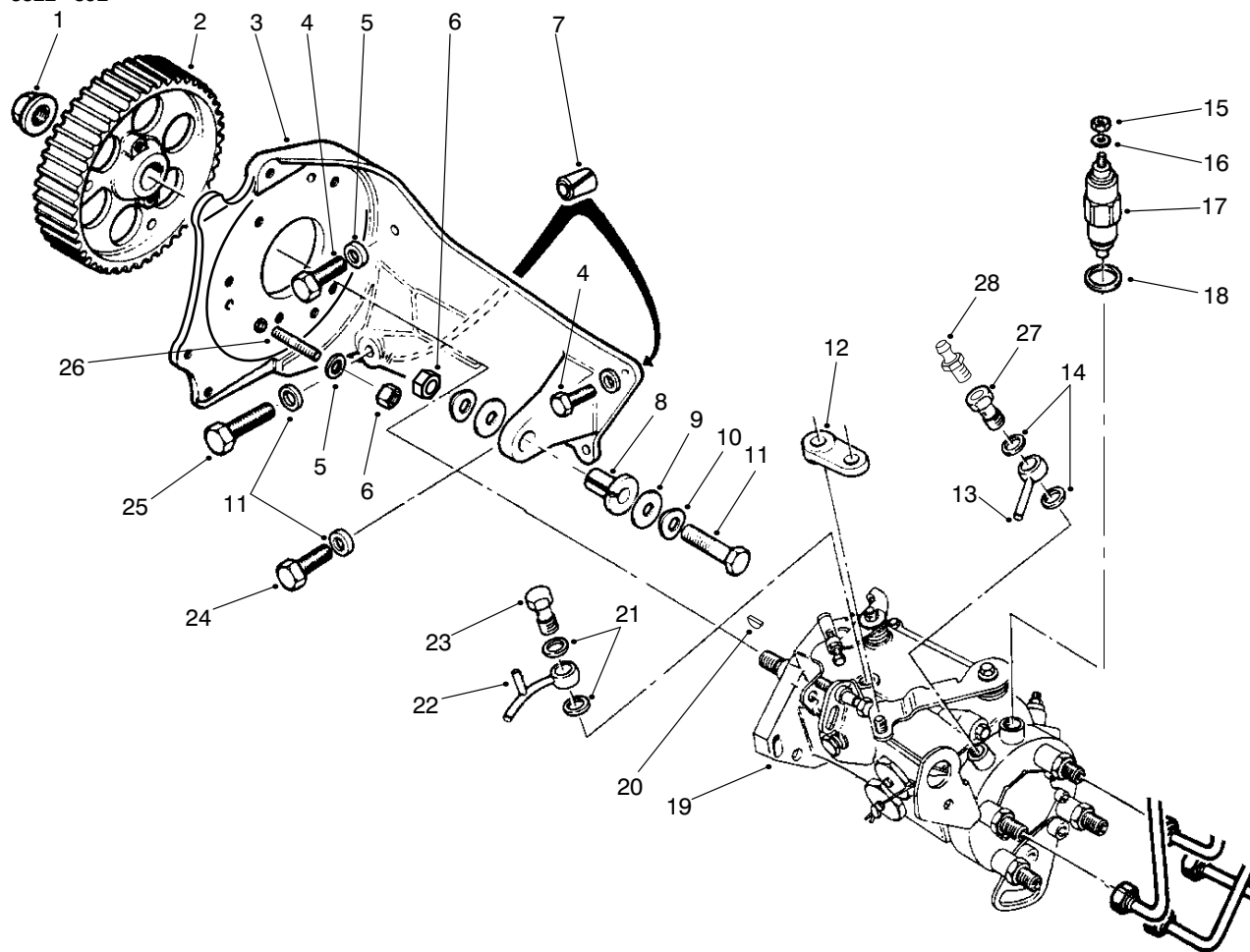
T-2148-4

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
38	48-7700	Screw-HH	3	49	74-7480	Valve-Intake	4
39	94-3199	Pipe-By-Pass	1	50	92-7794	Valve-Exhaust	4
40	98-9971	Hose-By-Pass	1	51	92-7795	Seat-Exhaust Valve (34.5 mm)	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 (32.45 mm)	4	54	94-3120	Bracket	1
*	74-7440	Chamber-Turbulence (32.65 mm)	4	*	74-7670	Head Bolt & Washer Set (Incl. Ref. #28 & 29)	1
47	92-7792	Guide-Valve (14.29 mm)	8	*	94-3119	Kit-Gasket	1
*	92-7793	Guide-Valve (14.59 mm)	8	*	94-9965	Asm-Head, Cylinder	1
48	74-7450	Seat-Intake Valve (39.3 mm)	4				
*	74-7460	Seal-Intake Valve (39.5 mm)	4				

*Not Illustrated

3322-892

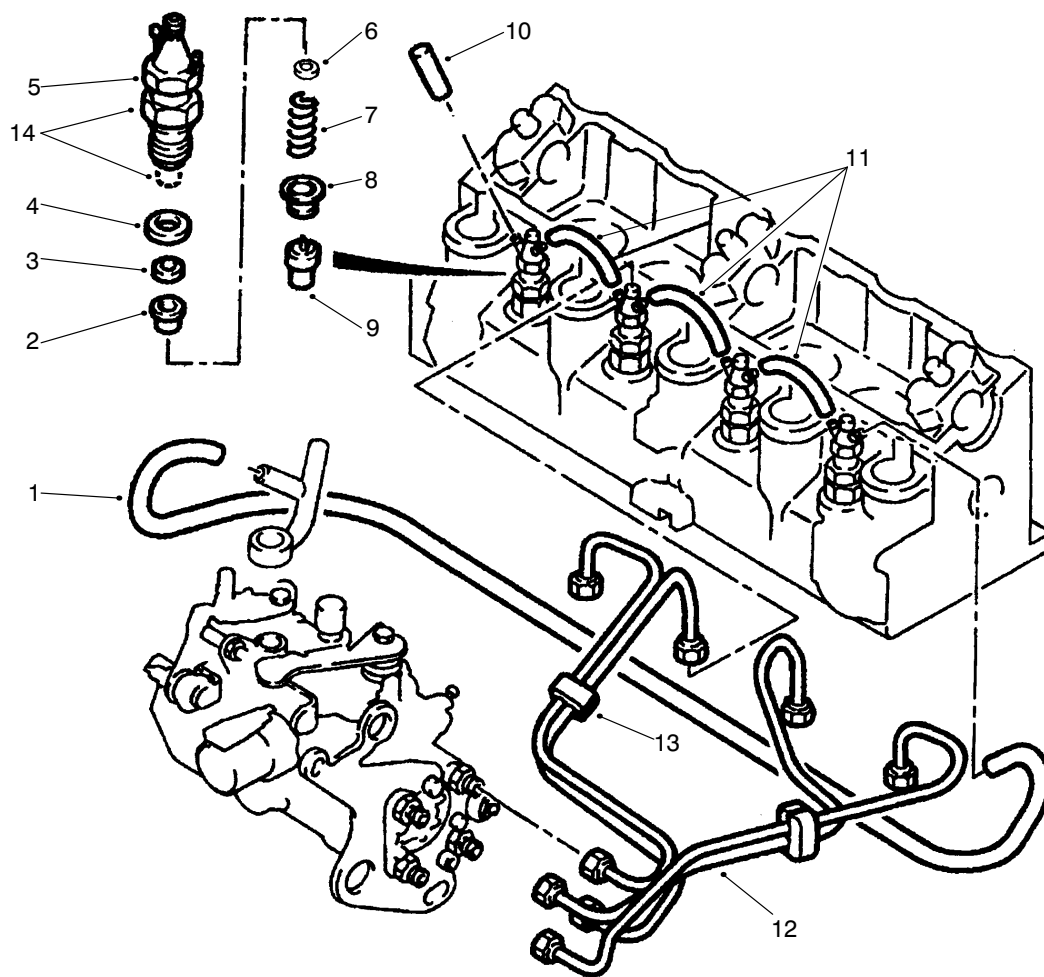


T-2146-1

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	98-8806	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



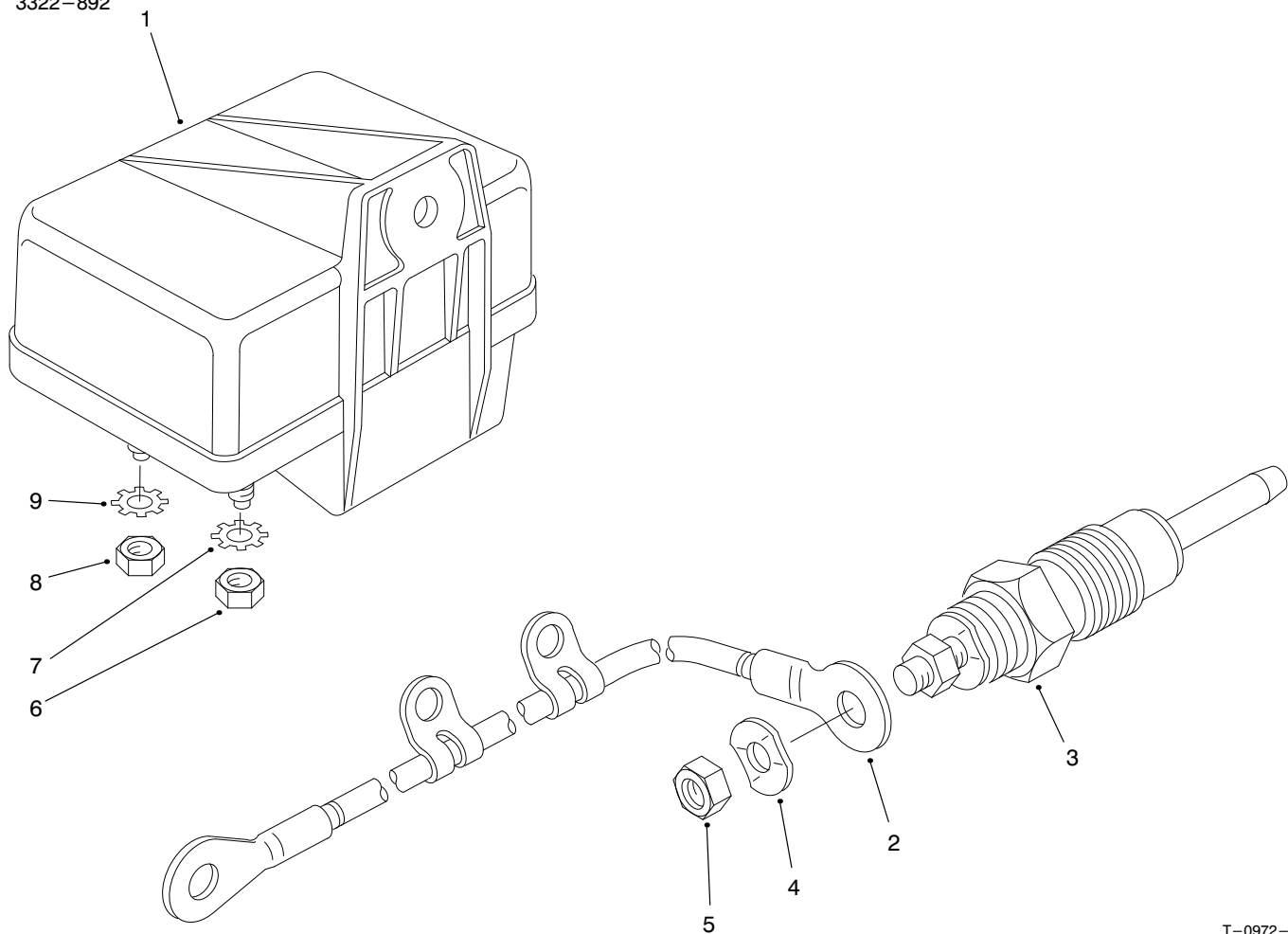
T-2145-2

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

3322-892

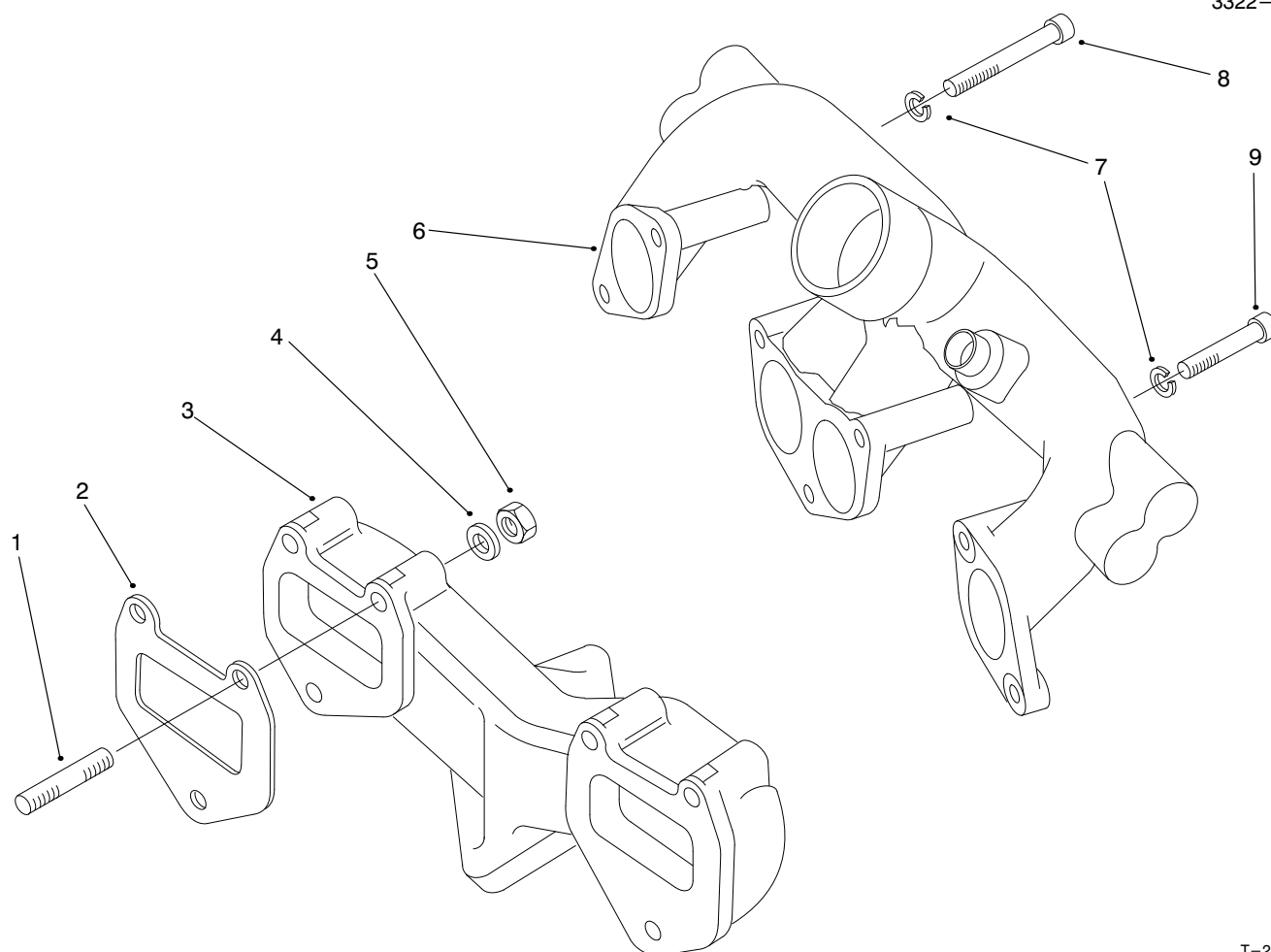


T-0972-1

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-Lock	1
8	94-3251	Nut-Lock	1
9	74-8710	Washer-Lock	1

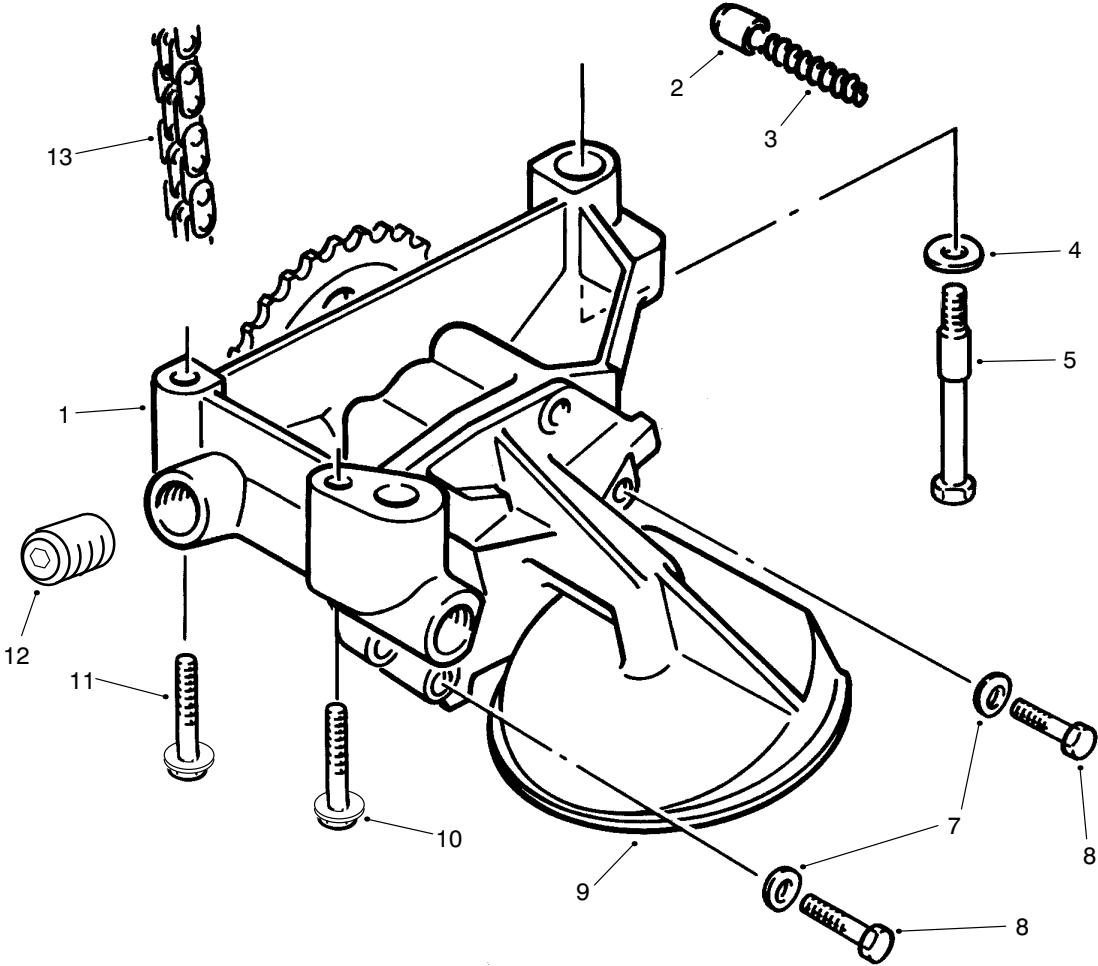


T-2149-3

INTAKE & EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	77-3300	Stud	6	6	94-3215	Manifold-Intake	1
2	77-3310	Gasket	2	7	94-3164	Washer-Spring	7
3	77-3340	Manifold-Exhaust	1	8	94-3216	Screw	5
4	68-9420	Washer-Lock	6	9	94-3217	Screw	4
5	77-3320	Nut-Hex	6	*	94-3218	Screw	1

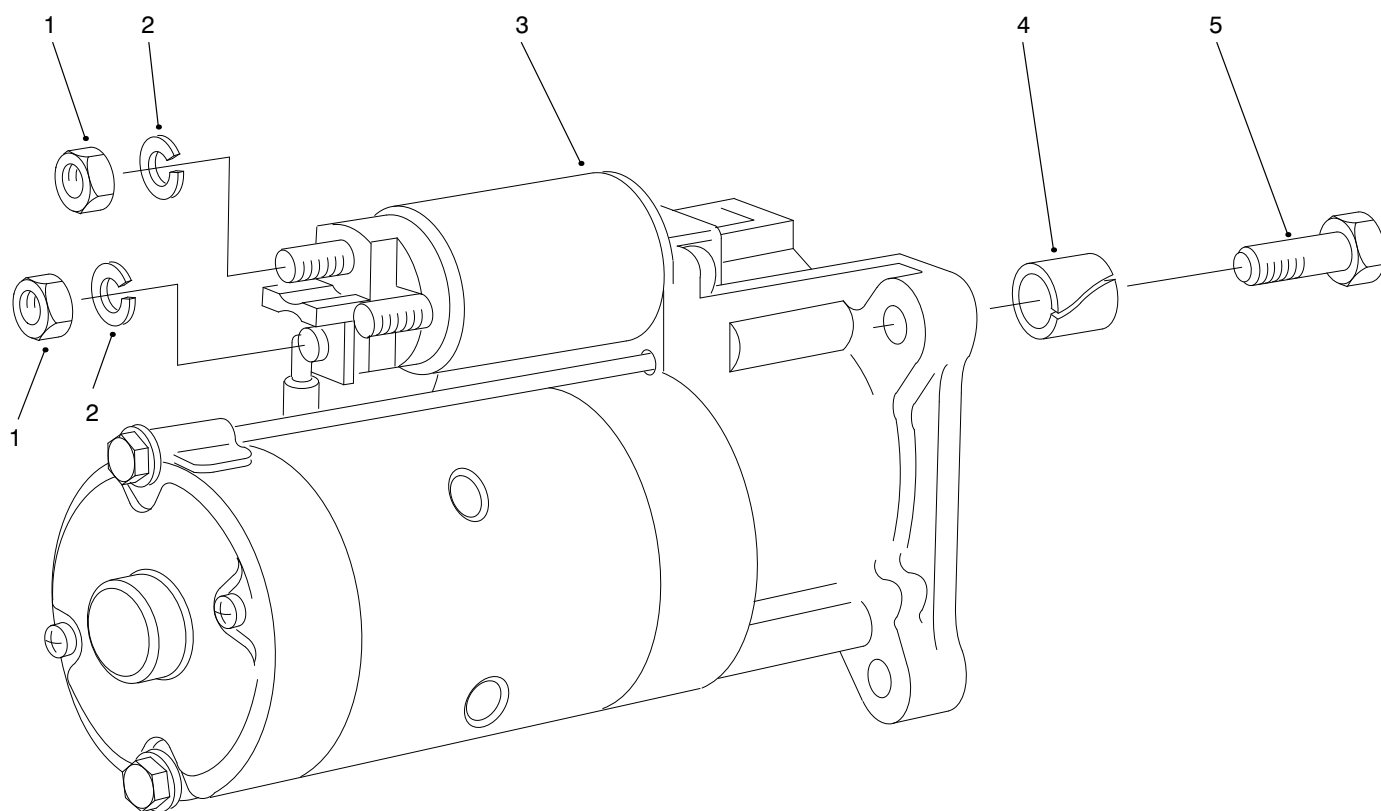
*Not Illustrated



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-HH	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



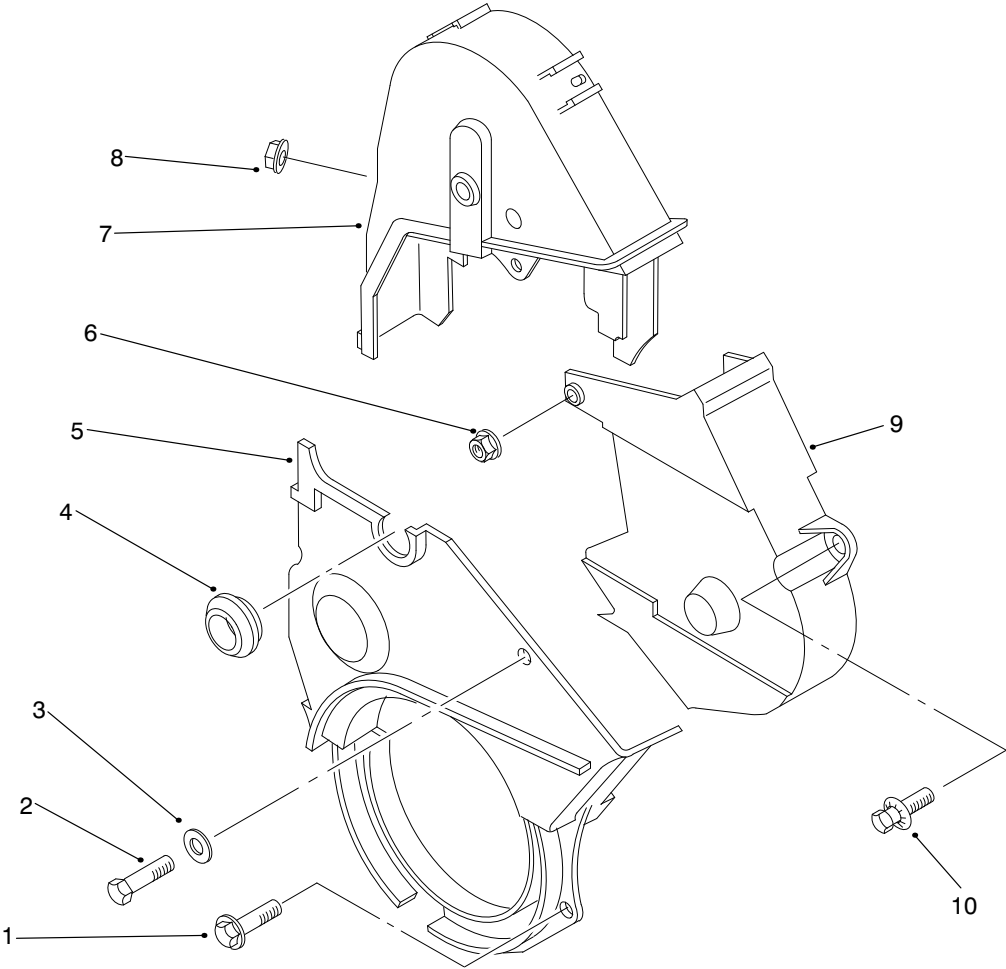
T-0968-1

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46-0330	Nut-Hex	2
2	76-5570	Washer-Lock	2
3	76-5580	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

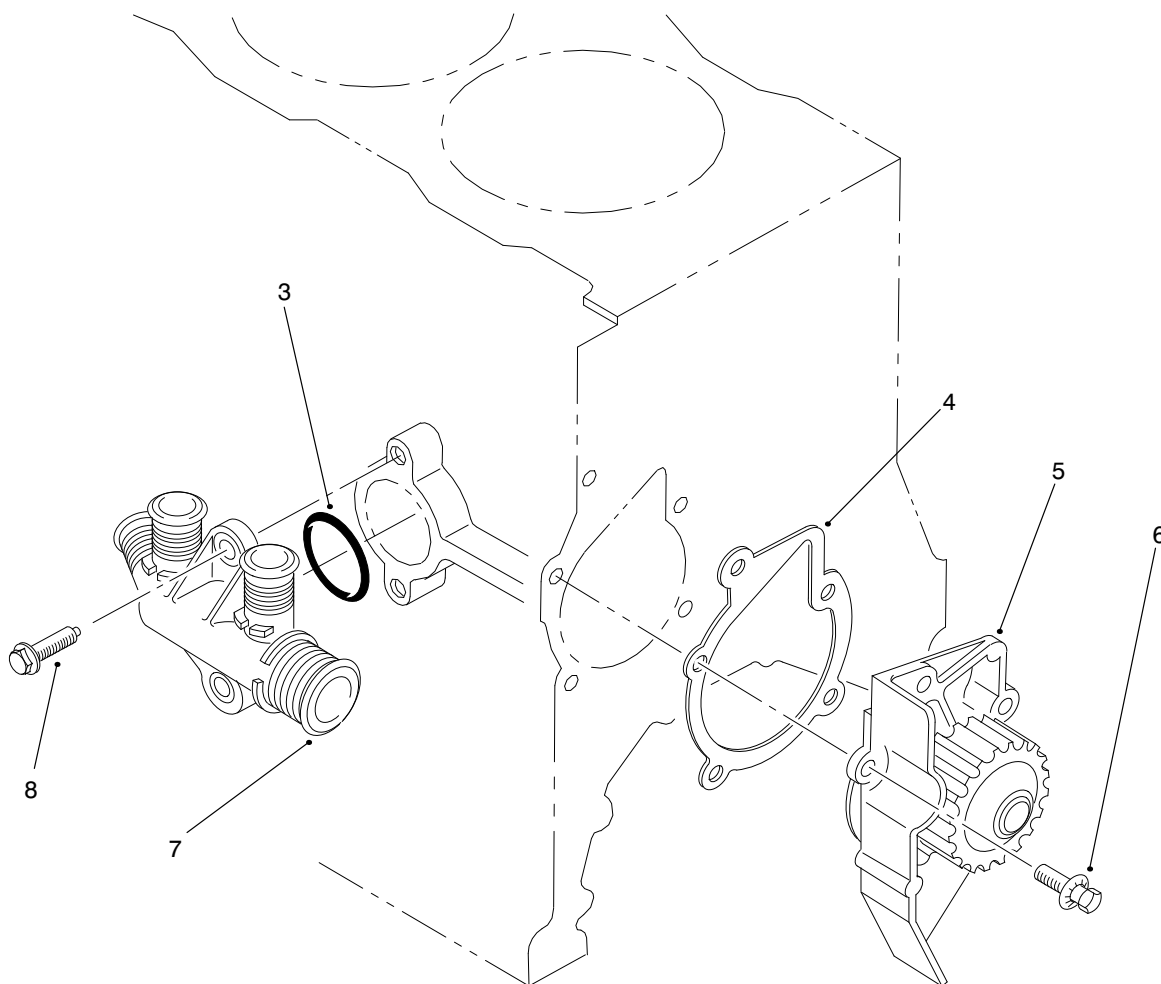


T-2140-2

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

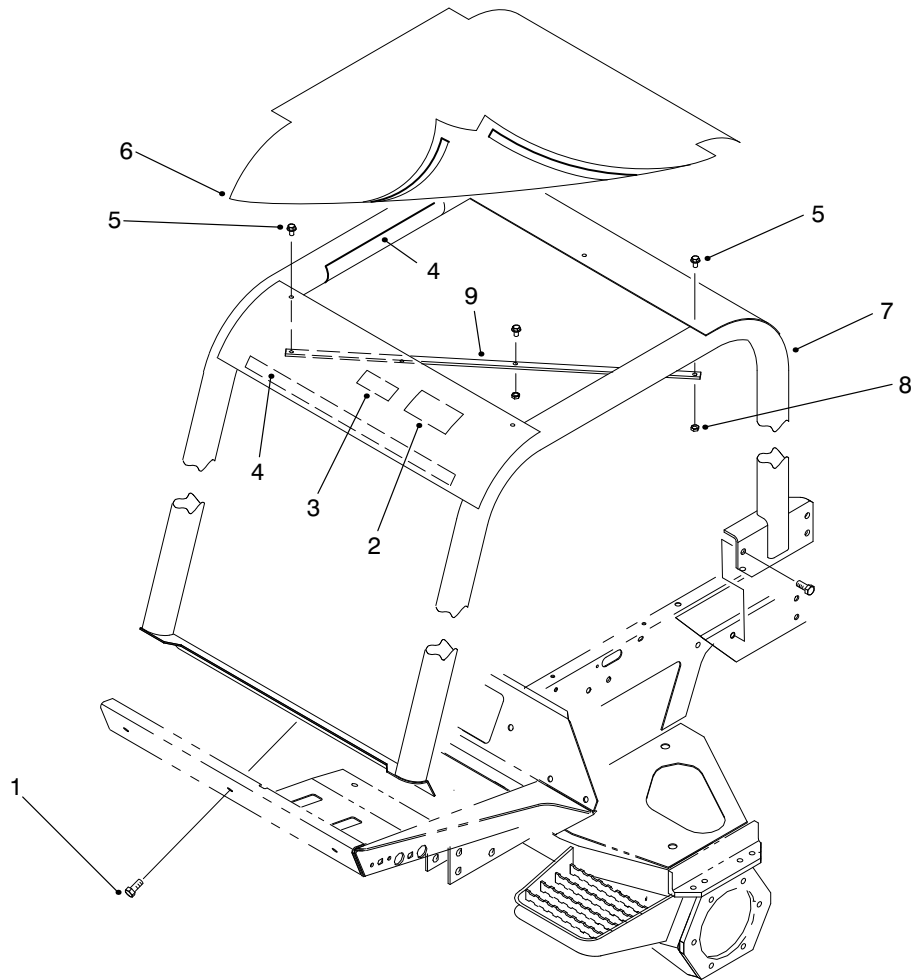


T-2144-1

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
3	94-3197	O-Ring	1
4	94-3195	Gasket-Pump, Water	1
5	98-9972	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

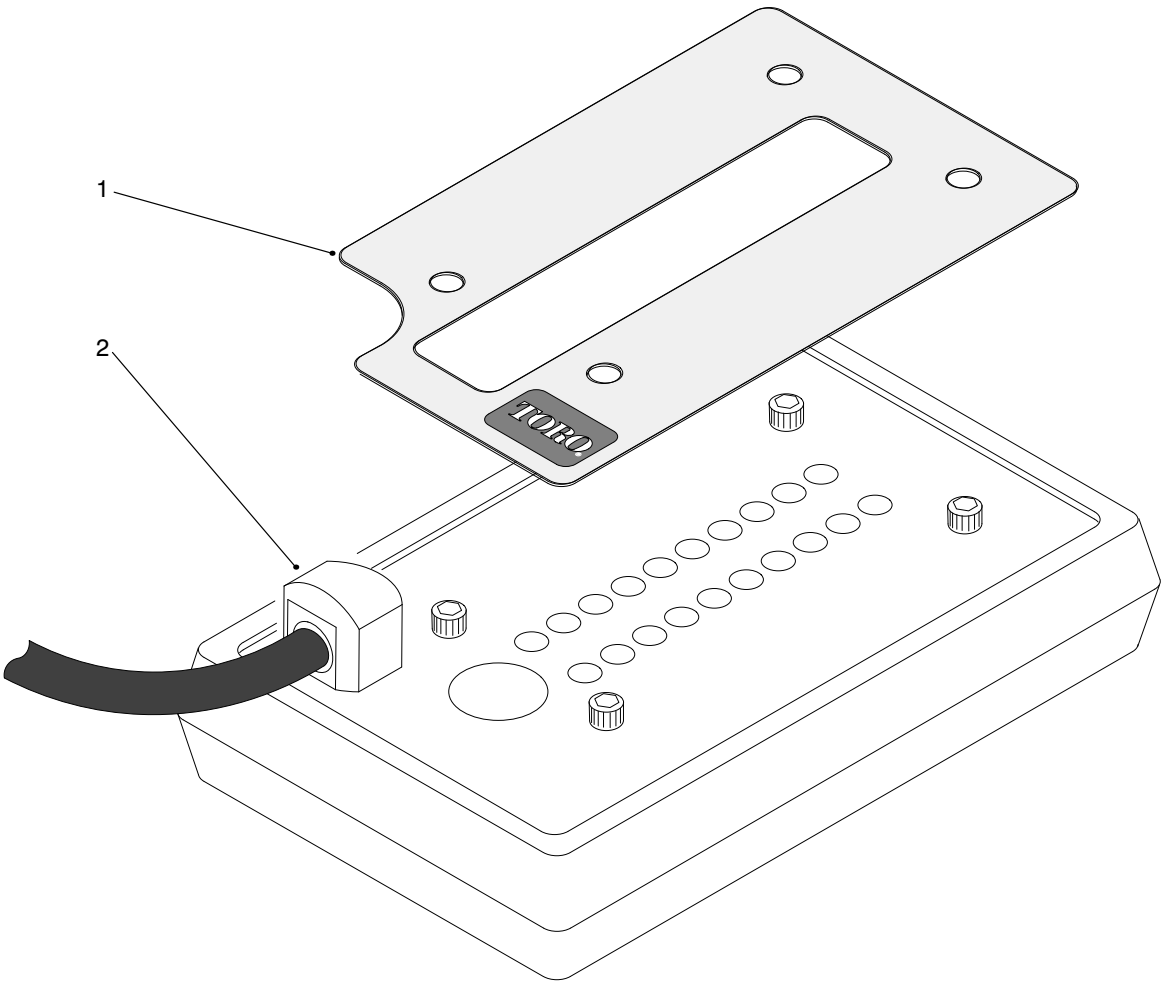


T-2092-1

ROLL OVER PROTECTION SYSTEM (ROPS)

Ref. No.	Part No.	Description	No. Used
1	33106-035	Screw-HHF	3
2	93-8050	Decal-Warning	1
2	84-4300	Decal-Warning (Japan)	1
3	92-7540	Decal-ROPS	1
4	93-9157	Velcro	4
5	33104-030	Screw-HHF	5

Ref. No.	Part No.	Description	No. Used
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

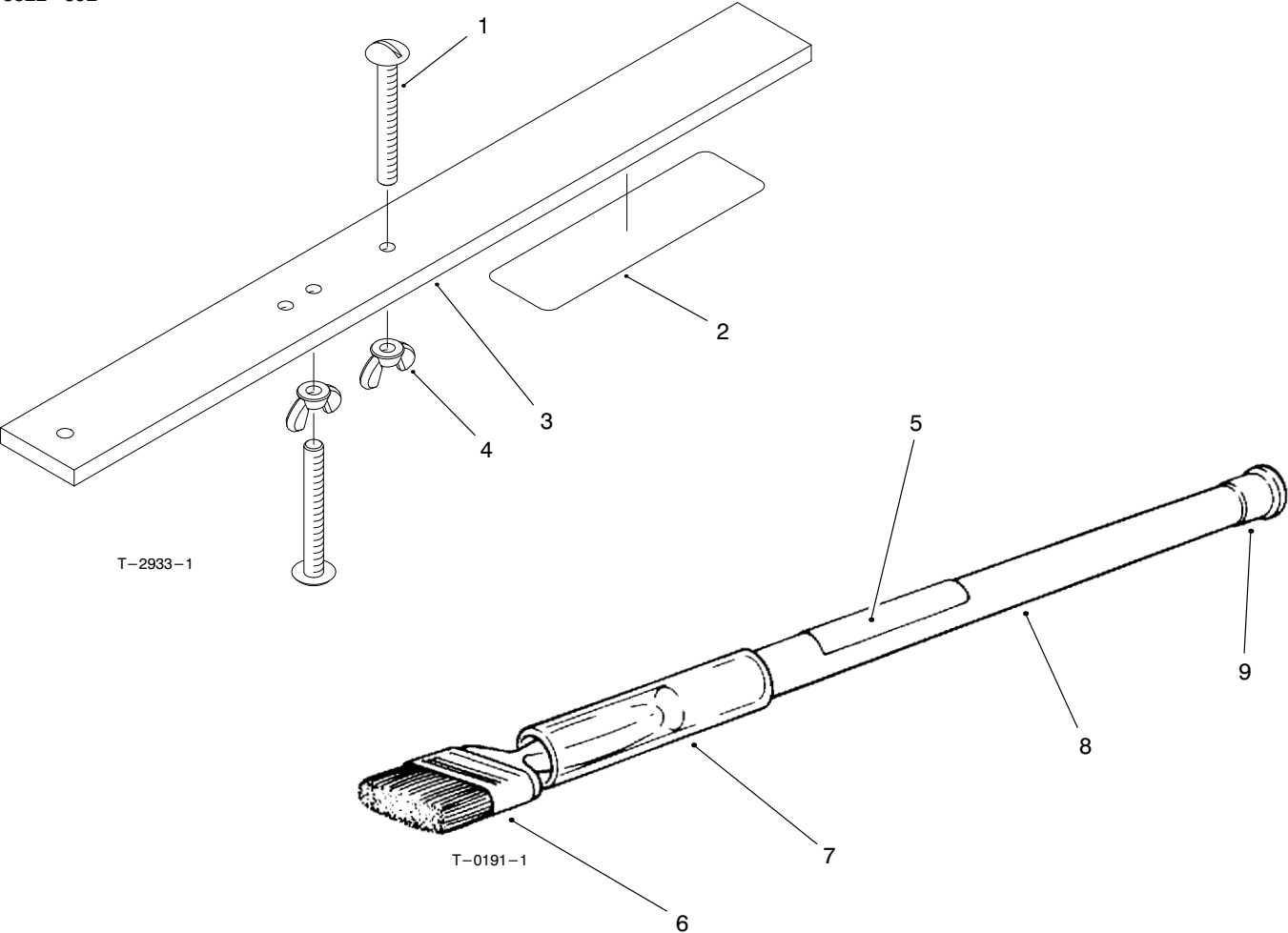


T-1458-1

DIAGNOSTIC – ACE DISPLAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	99-8983	Decal-Diagnostic ACE V 1.0	1	1	99-8990	Decal-Diagnostic ACE V 1.0 (Italian)	1
1	99-8985	Decal-Diagnostic ACE V 1.0 (Danish)	1	1	99-8991	Decal-Diagnostic ACE V 1.0 (Norwegian)	1
1	99-8986	Decal-Diagnostic ACE V 1.0 (Dutch)	1	1	99-8992	Decal-Diagnostic ACE V 1.0 (Portuguese)	1
1	99-8987	Decal-Diagnostic ACE V 1.0 (Finnish)	1	1	99-8993	Decal-Diagnostic ACE V 1.0 (Spanish)	1
1	99-8988	Decal-Diagnostic ACE V 1.0 (French)	1	1	99-8994	Decal-Diagnostic ACE V 1.0 (Swedish)	1
1	99-8989	Decal-Diagnostic ACE V 1.0 (German)	1	1	99-8984	Decal-Diagnostic ACE V 1.0 (Japan)	1
				2	85-4750	Display-Diagnostic ACE	1

*Not Illustrated



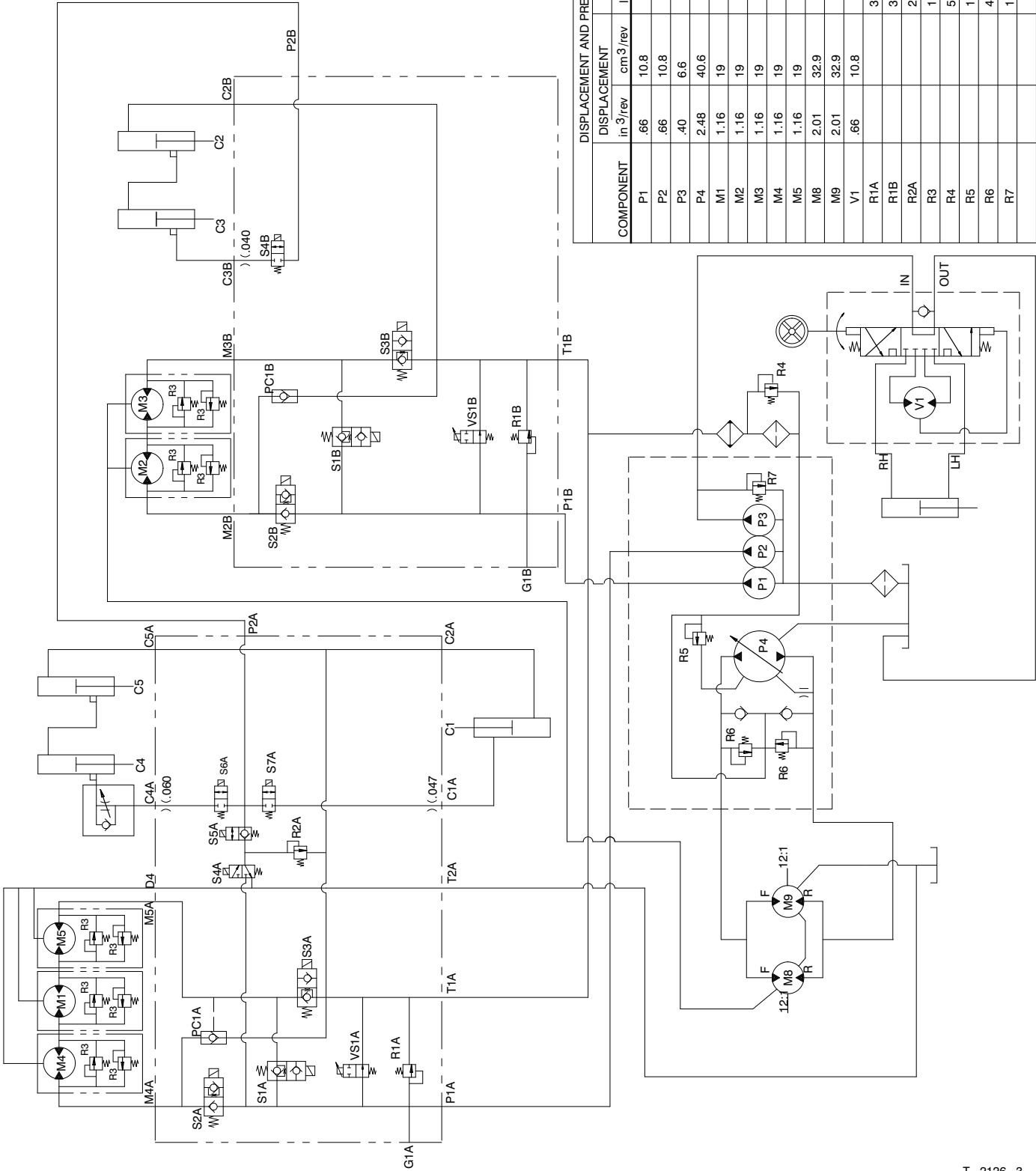
GAUGE BAR & BACKLAPPING BRUSH ASSEMBLIES

Ref. No.	Part No.	Description	No. Used
1	32122-54	Screw-Machine Slot Hd.	2
2	98-7976	Decal	1
3	98-1852	Asm-Gauge Bar (Incl. Ref. #1-2 & 4)	1
4	32103-3	Nut-Wing	2
5	12-9140	Decal	1
6	36-4310	Brush	1

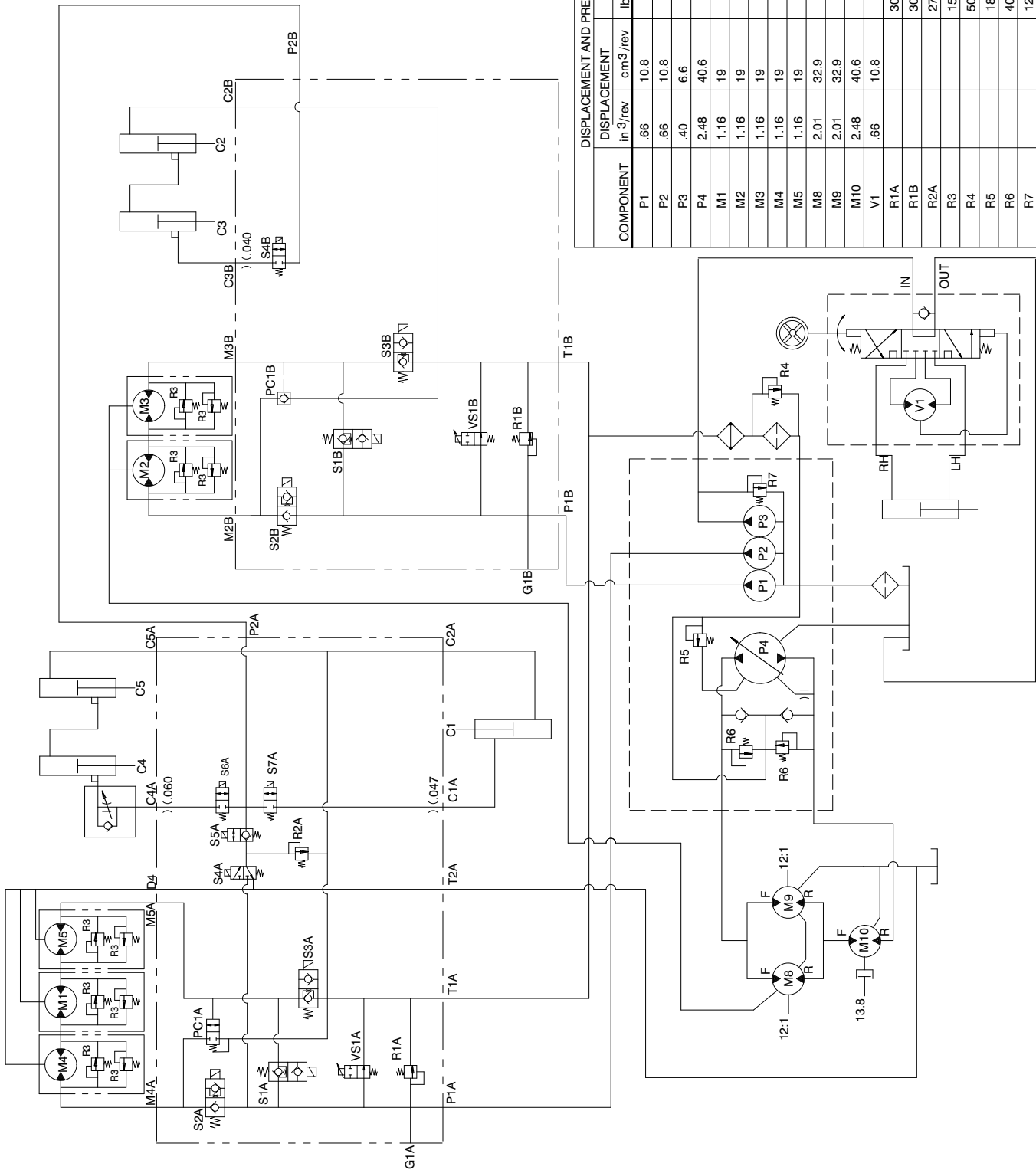
Ref. No.	Part No.	Description	No. Used
7	29-9090	Hose-Handle	1
8	29-9080	Handle	1
9	2410-18	Plug	1
*	29-9100	Asm-Backlapping Brush (Incl. Ref. #5-9)	1
*	98-0765	Video-RM6500	1

*Not Illustrated

HYDRAULIC SCHEMATIC (Model 03803)



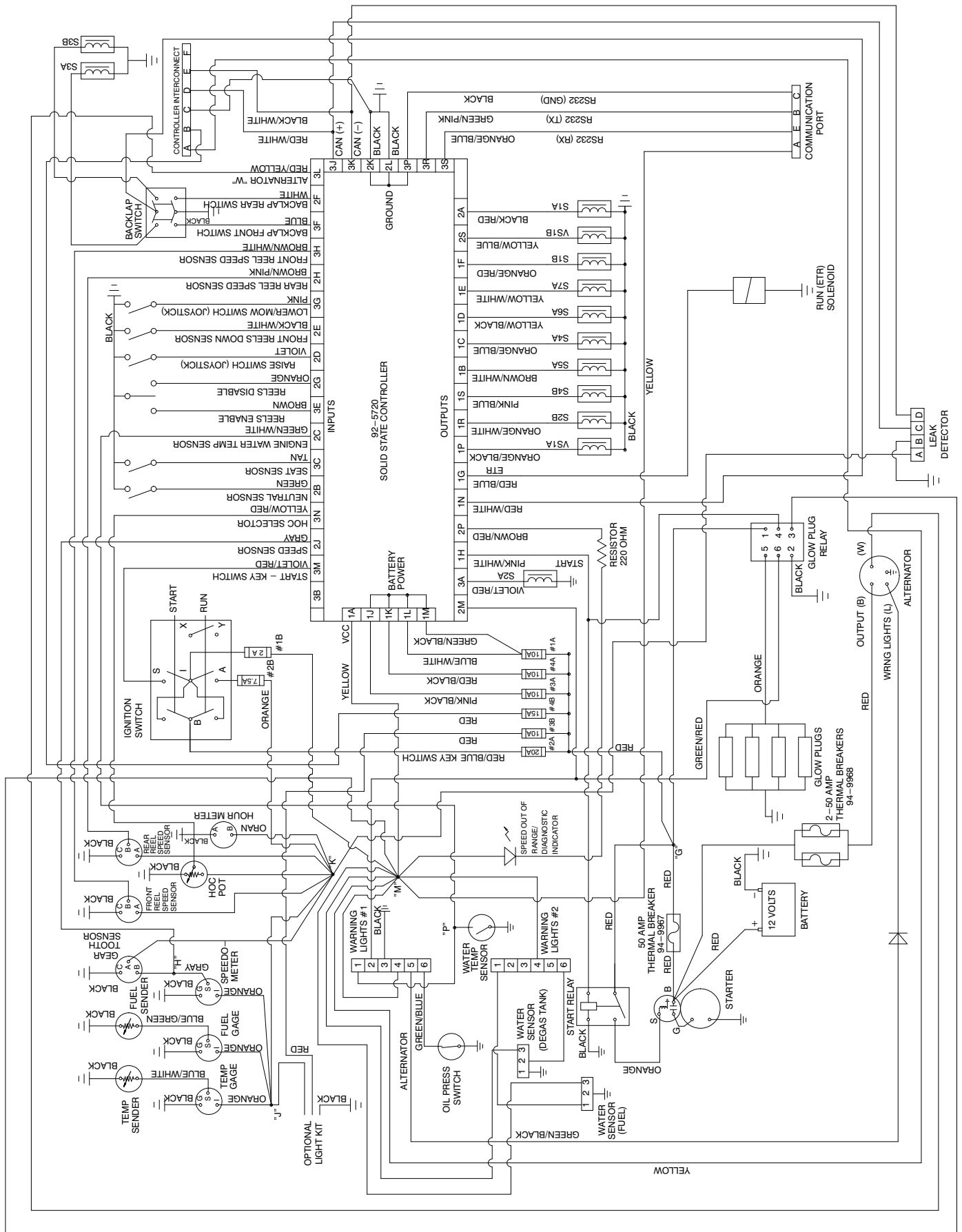
HYDRAULIC SCHEMATIC (Model 03804)



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				
M6	2.01	32.9				
M7	2.01	32.9				
M8	2.48	40.6				
M9	.66	10.8				
M10	.66	10.8				
V1			3000	207		
R1A			3000	207		
R1B			2750	190		
R2A			1500	103		
R3			50	3		
R4			180	12		
R5			4000	276		
R6			1250	86		
R7						

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

ELECTRICAL SCHEMATIC



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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