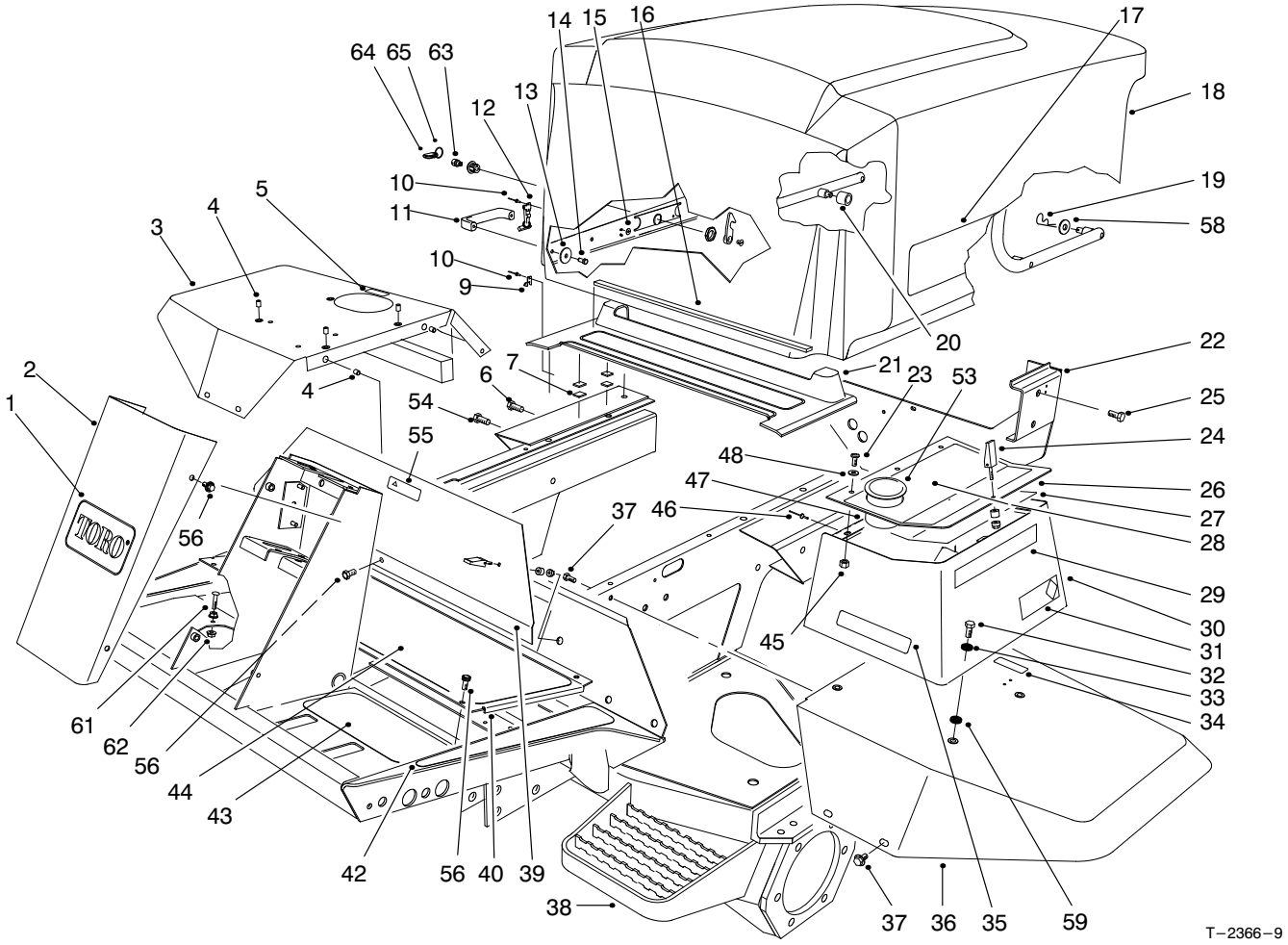
FORM NO. 3322–892

TORO®

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

PARTS CATALOG

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

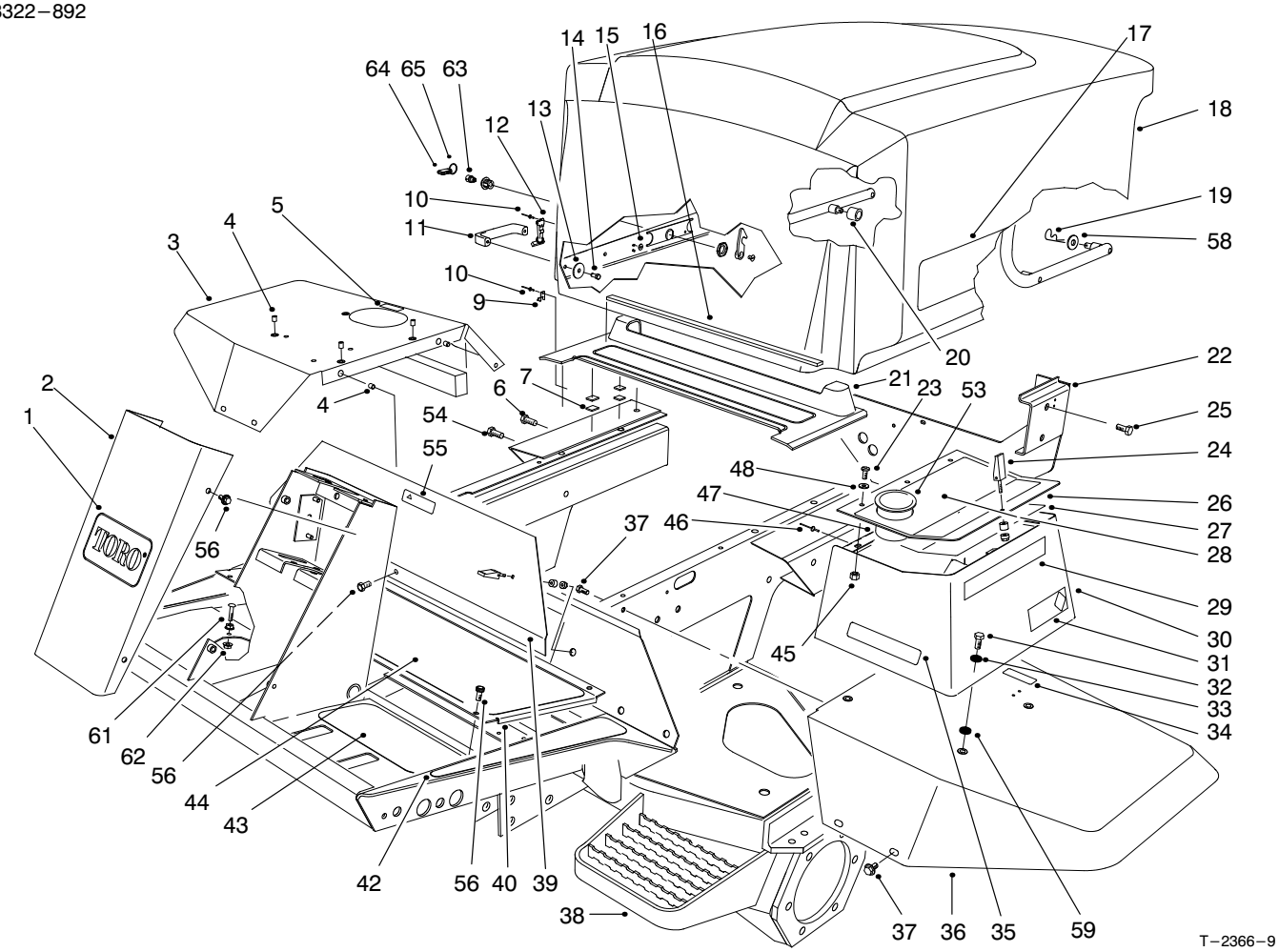


FRAME & BODY ASSEMBLY

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

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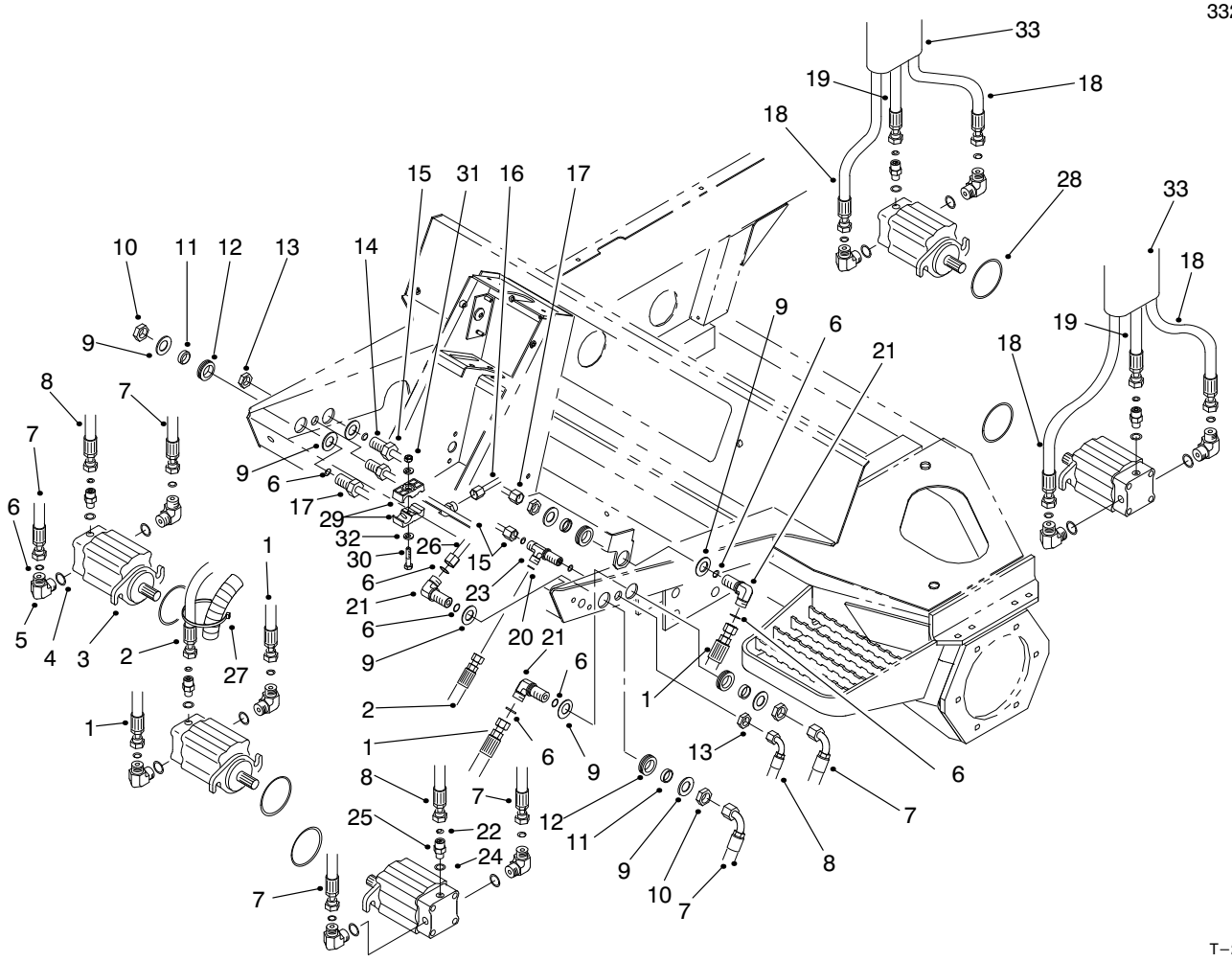


FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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
28	93−1262	Decal−Hillside	1
28	94−4572	Decal−Hillside (Japan)	1
29	72−3560	Decal−4WD (Model 03804)	1
30	75−5810	Box−Tool	1
31	93−0096	Decal−ACE	2
32	322−3	Screw−HH	4
33	3256−3	Washer−Flat	4
34	93−6680	Decal−Fuel, Diesel	1
34	84−2860	Decal−Fuel, Diesel (Japan)	1
35	93−6689	Decal−No Riders	1
35	84−3420	Decal−No Riders (Japan)	1
36	75−3860	Fender−LH	1
37	3234−14	Screw−HHF	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

Ref. No.	Part No.	Description	No. Used
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−HFH	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	3234−18	Screw−HHF	2
55	93−9425	Decal−Danger	1
55	94−4579	Decal−Danger (Japan)	1
56	3234−7	Screw−HHF	9
57	93−7252	Decal−CE (Europe)	1
58	66−6480	Washer	2
59	66−2920	Washer	4
61	17−9420	Screw−Handle	1
62	32128−20	Nut−HFH	2
63	98−5398	Asm−Latch, Hood	1
64	99−8970	Key−Latch, Hood	1
65	98−9321	Ring−Key	1

*Not Illustrated



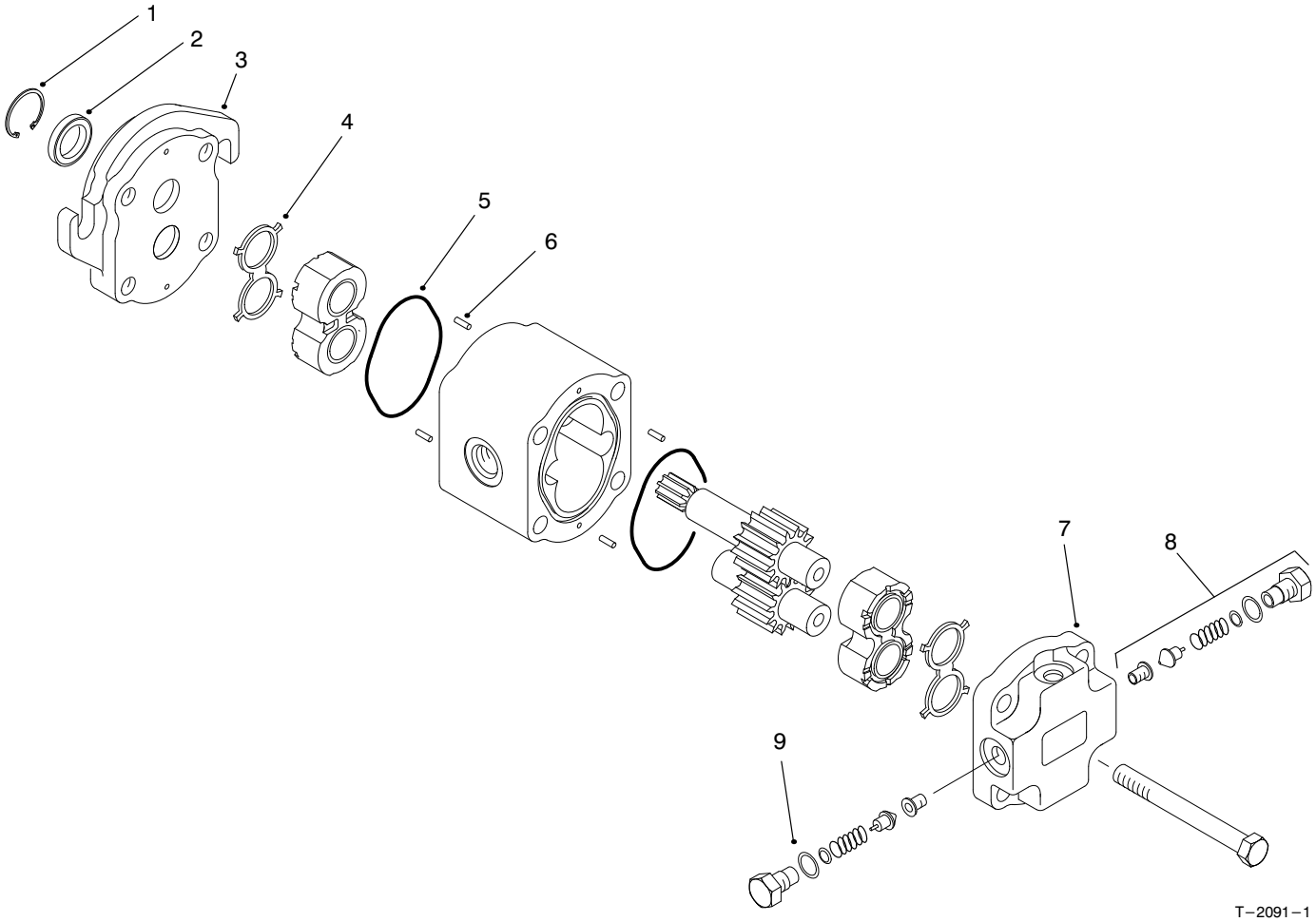
T–2090–5

REEL MOTORS & HOSES

Ref. No.	Part No.	Description	No. Used
1	92–7556	Asm–Hose	2
2	92–7560	Asm–Hose	1
3	98–9999	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	99–5613	Asm–Hose	4
19	99–5614	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
33	99–5617	Sleeve–Protective	2

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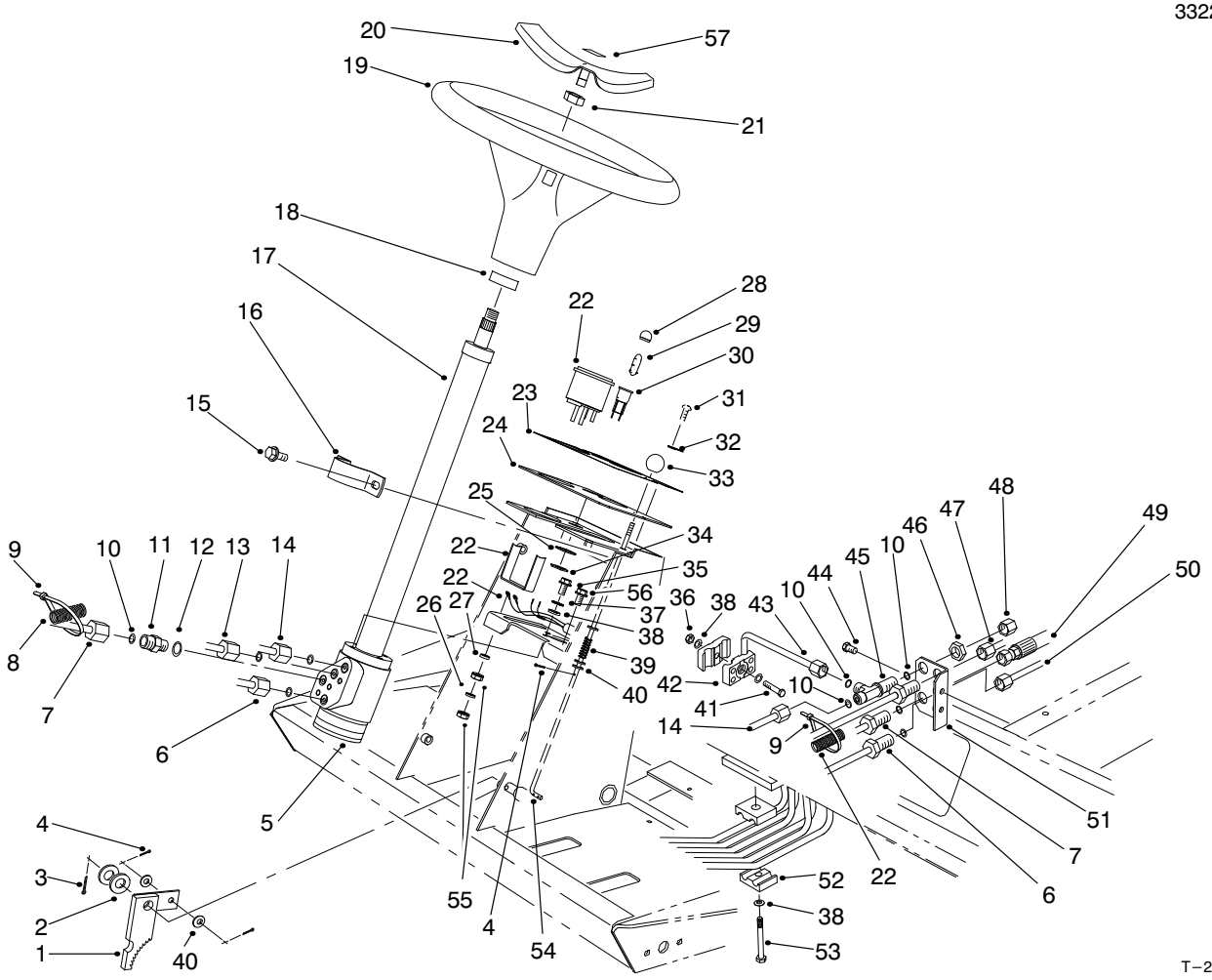
T–2091–1

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

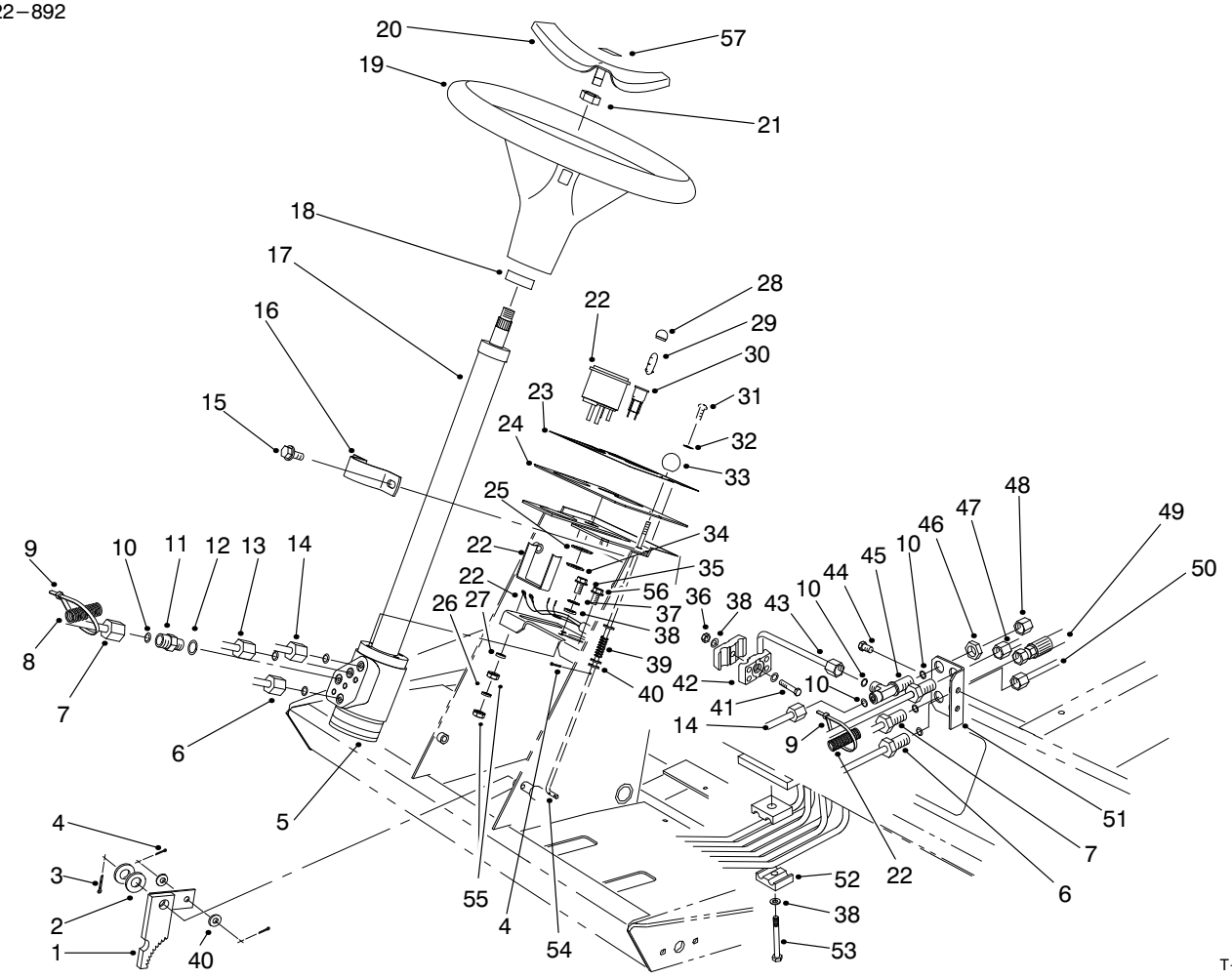


STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63–7900	Rack	1
2	3256–26	Washer–Flat	2
3	3272–10	Pin–Cotter	1
4	3272–5	Pin–Cotter	3
5	99–8958	Asm–Valve, Steering	1
6	94–3059	Tube–Steering, RH	1
7	94–3061	Tube–Steering, Front, In	1
8	99–8963	Harness–Wire, Main	1
9	3290–378	Tie–Cable	7
10	237–22	O–Ring	10
11	340–2	Adapter (Incl. Ref. #10 & 12)	4
12	237–42	O–Ring	4
13	94–3060	Tube–Steering, Front LH	1
14	94–3062	Tube–Steering, Front, Out	1
15	3234–7	Screw–HHF	2
16	75–2810	Bracket–Column, Steering	1
17	94–9951	Asm–Column, Steering	1
18	21–9260	Cover–Dust	1
19	98–1471	Wheel–Steering (Incl. Ref. #20)	1
20	88–3870	Cover	1
21	94–9952	Nut–Jam	1
22	93–4213	Asm–Speedometer (Incl. Ref. #26, 27 & 55)	1
23	93–1263	Decal–Tower	1
23	94–4573	Decal–Tower (Japan)	1

Ref. No.	Part No.	Description	No. Used
24	93–7998	Plate–Instrument	1
25	218–536	Washer–Lock	1
26	3253–2	Washer–Lock	3
27	3256–14	Washer–Flat	2
28	218–533	Lens–Red	1
29	93–7480	Bulb–LED	1
30	44–2210	Asm–Light, Warning (Incl. Ref. #25, 28, 29, & 34)	1
31	87–6620	Screw–Torx Pan Hd.	2
32	3256–1	Washer–Flat	2
33	233–17	Knob	1
34	218–535	Nut–Lock	1
35	33103–025	Screw–HHF	1
36	3296–47	Nut–Lock	1
37	3255–8	Washer–Lock	1
38	3256–23	Washer–Flat	6
39	95–1821	Spring–Brake, Park	1
40	3256–22	Washer–Flat	5
41	322–7	Screw–HH	1
42	56–7972	Clamp	2
43	94–1447	Tube–Steering, Return	1
44	32144–11	Screw–Thread Forming	2
45	340–68	Fitting–Tee, Bulkhead (Incl. Ref. #10)	1
46	340–70	Nut–Lock, Bulkhead	4
47	92–7495	Asm–Tube, Steering Rear	1
48	340–117	Cap–Fitting	1

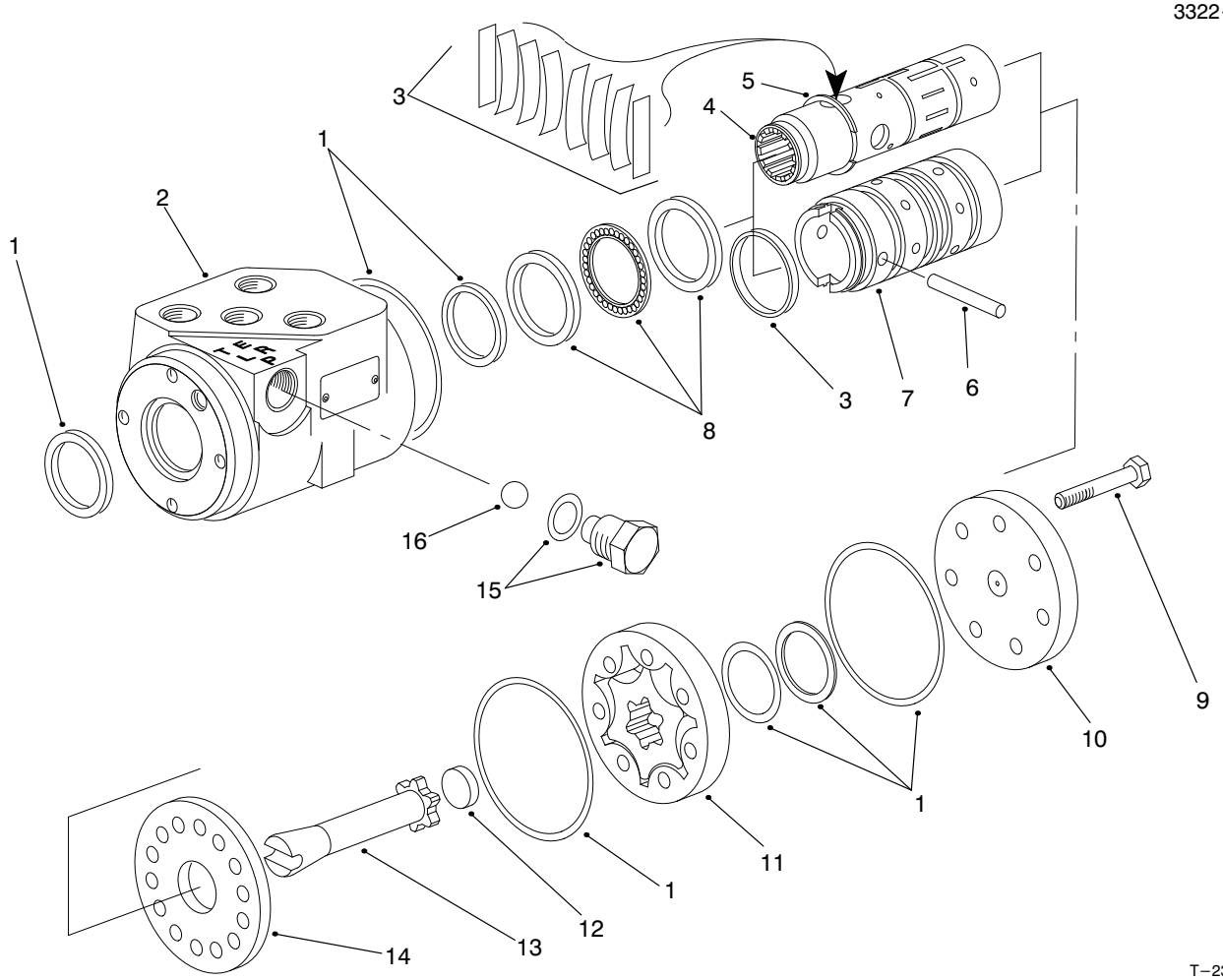
3322−892



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



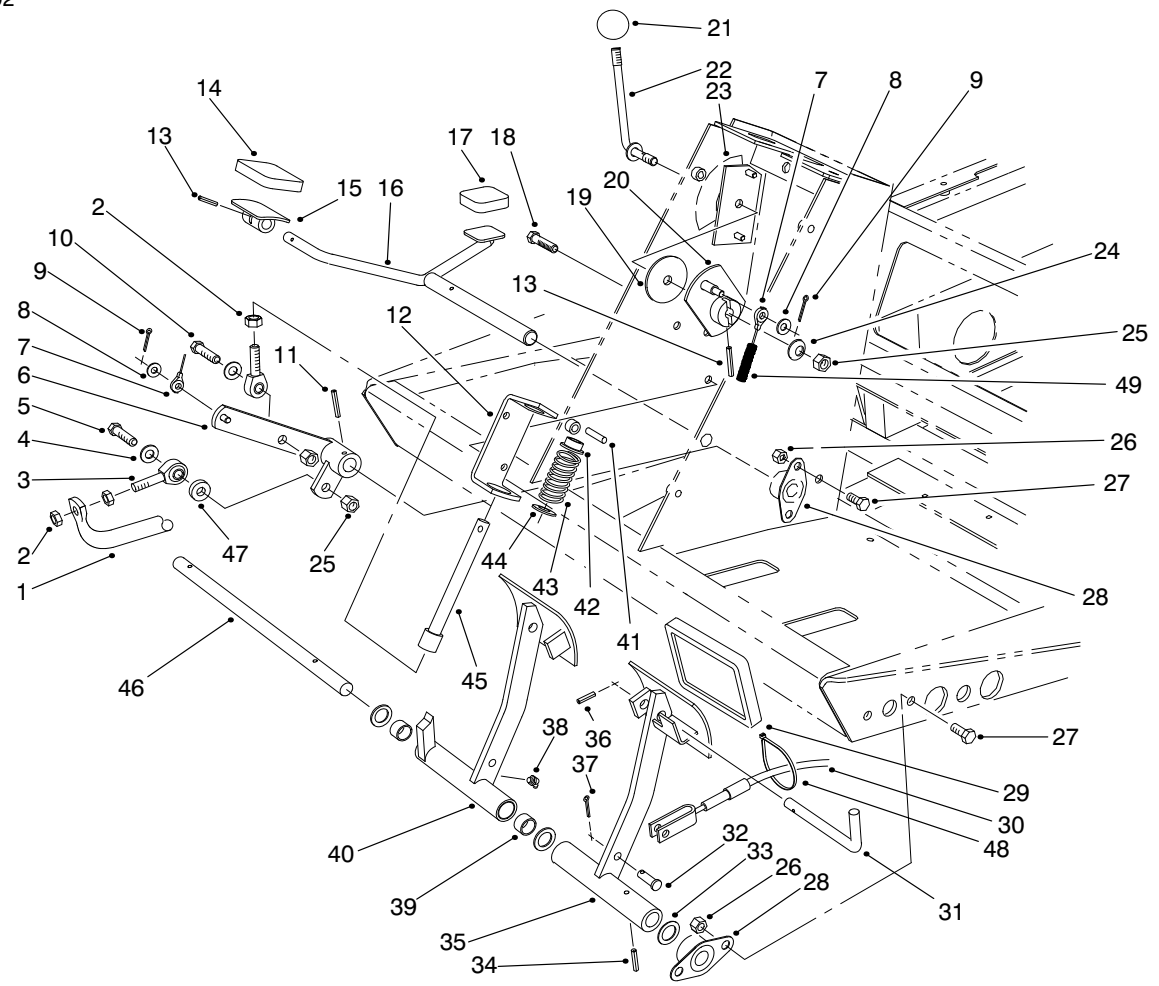
T–2312–3

STEERING VALVE ASSEMBLY NO. 99–8958

Ref. No.	Part No.	Description	No. Used
1	94–4099	Kit–Seal	1
†2		Housing	1
3	94–4095	Kit–Spring, Centering	1
†4		Spool	1
5	94–4098	Ring–Retaining	1
6	94–4094	Pin	1
†7		Sleeve	1
8	94–4096	Kit–Bearing	1

Ref. No.	Part No.	Description	No. Used
9	94–4088	Screw	7
10	94–4089	Cap–End	1
11	94–4090	Gerotor	1
12	94–4091	Spacer	1
13	94–4093	Drive	1
14	94–4092	Plate–Wear	1
15	94–4097	Asm–Plug	1
16	94–4100	Ball	1

† Not Serviced Separately.



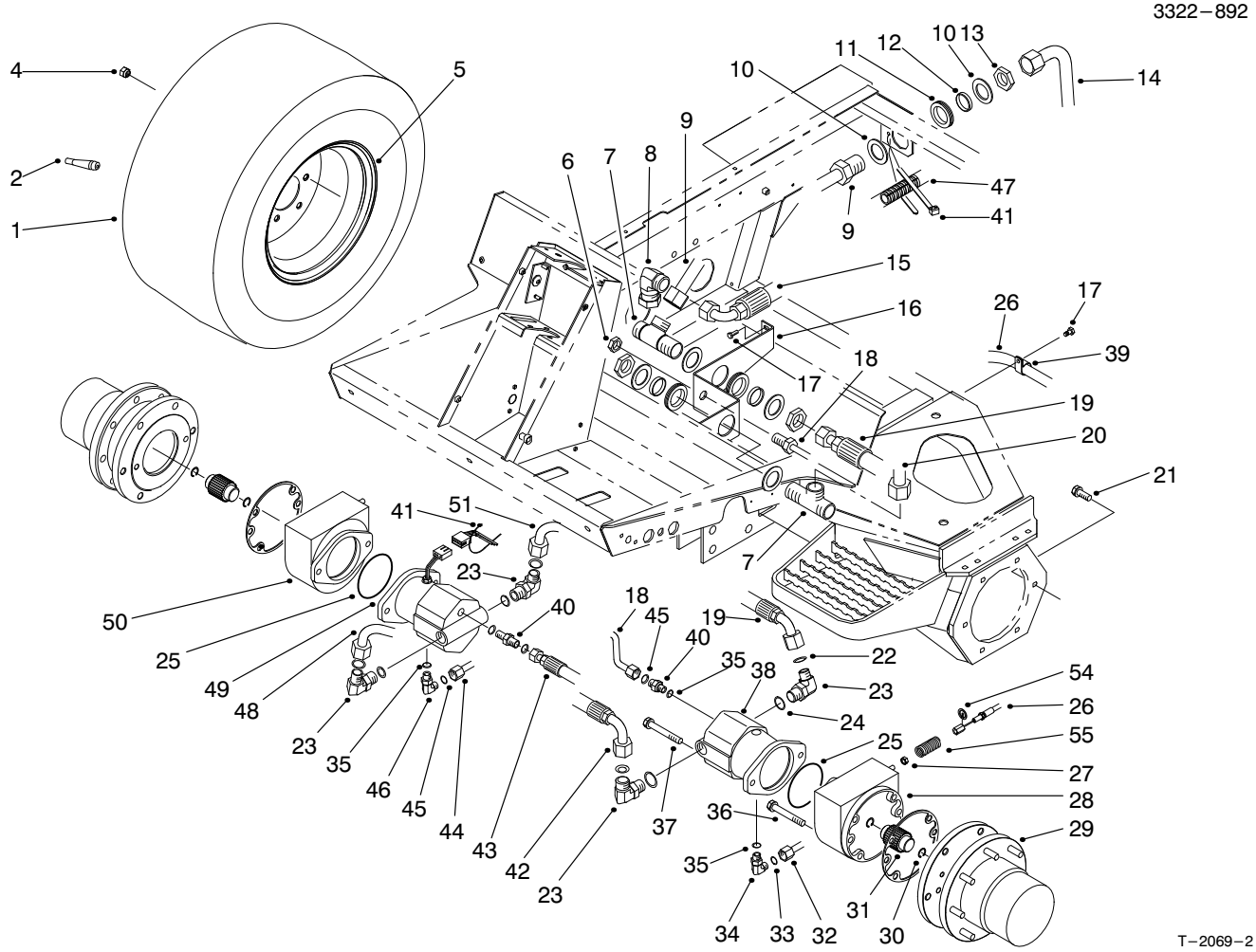
T–2063–4

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–Convoluted	1

*Not Illustrated



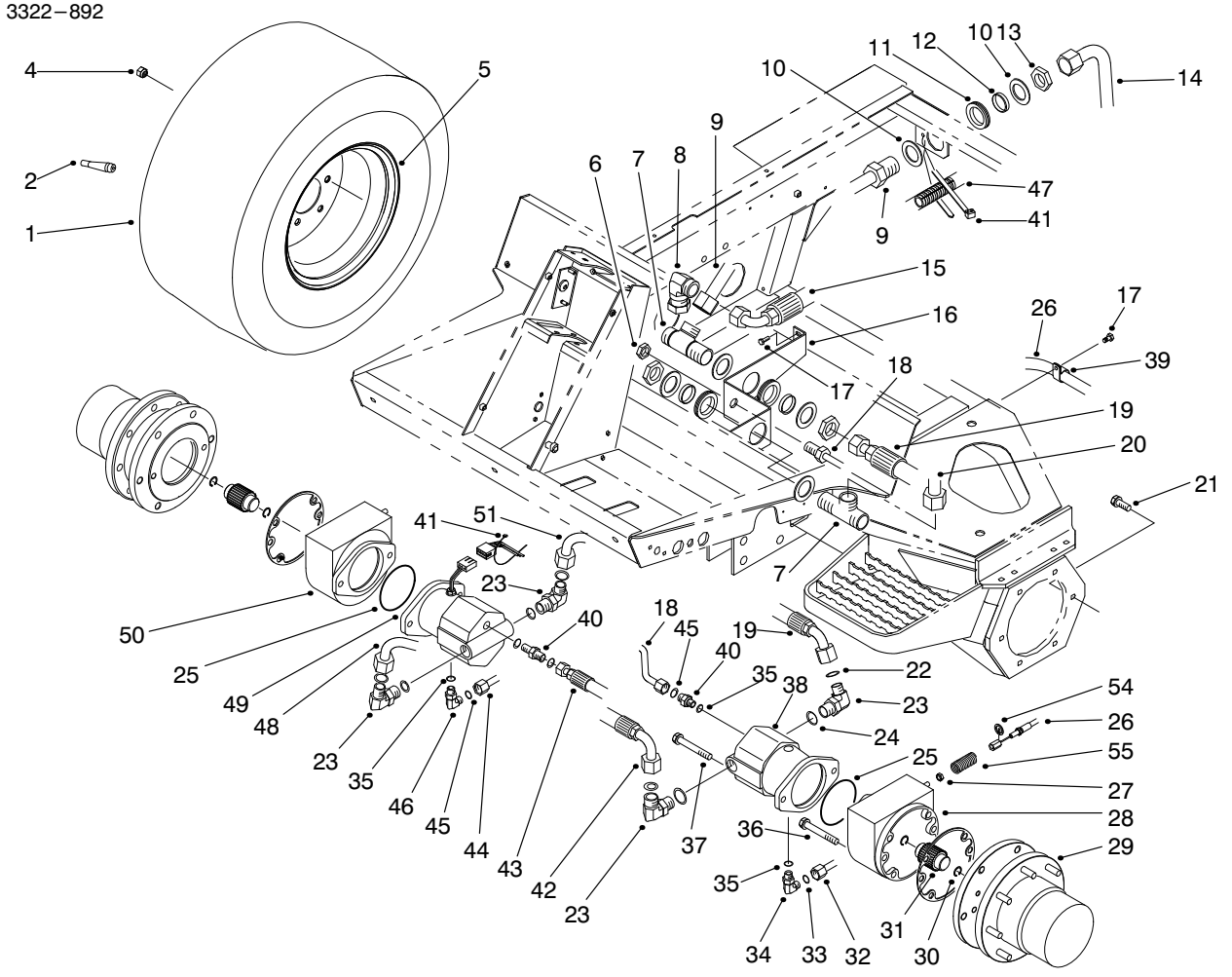
T−2069−2

FRONT HYDRAULIC DRIVE & BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−3465	Tire	2
2	232−24	Stem−Valve	2
4	92−7483	Nut−Lug	16
5	95−3464	Rim	2
6	340−127	Nut−Bulkhead	1
7	92−7550	Fitting−Tee, Bulkhead (Incl. Ref. #53)	2
8	92−7645	Fitting−Hydraulic 90° (Model 03803)	1
9	92−7474	Asm−Tube, Front (Model 03804)	1
10	69−8920	Washer (Model 03803)	4
10	69−8920	Washer (Model 03804)	6
11	240−2	Grommet (Model 03803)	2
11	240−2	Grommet (Model 03804)	3
12	69−8950	Spacer (Model 03803)	2
12	69−8950	Spacer (Model 03804)	3
13	340−128	Nut−Bulkhead (Model 03803)	2
13	340−128	Nut−Bulkhead (Model 03804)	3

Ref. No.	Part No.	Description	No. Used
14	92−7473	Asm−Tube, Rear (Model 03804)	1
15	92−7634	Asm−Hose, Traction (Model 03803)	1
16	92−7455	Plate−Bulkhead	1
17	32144−11	Screw−Thread Forming	5
18	92−7477	Asm−Tube, Motor Drain	1
19	92−7486	Asm−Hose	1
20	92−7485	Asm−Hose	1
21	33106−030	Screw−HHF	12
22	237−58	O−Ring	4
23	340−142	Fitting−Hydraulic 90° (Incl. Ref. #22 & 24)	4
24	237−81	O−Ring	4
25	237−166	O−Ring	2
26	92−7530	Cable−Brake, LH	1
27	3218−4	Nut−Jam	2
28	92−7417	Asm−Brake, LH	1
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

3322−892



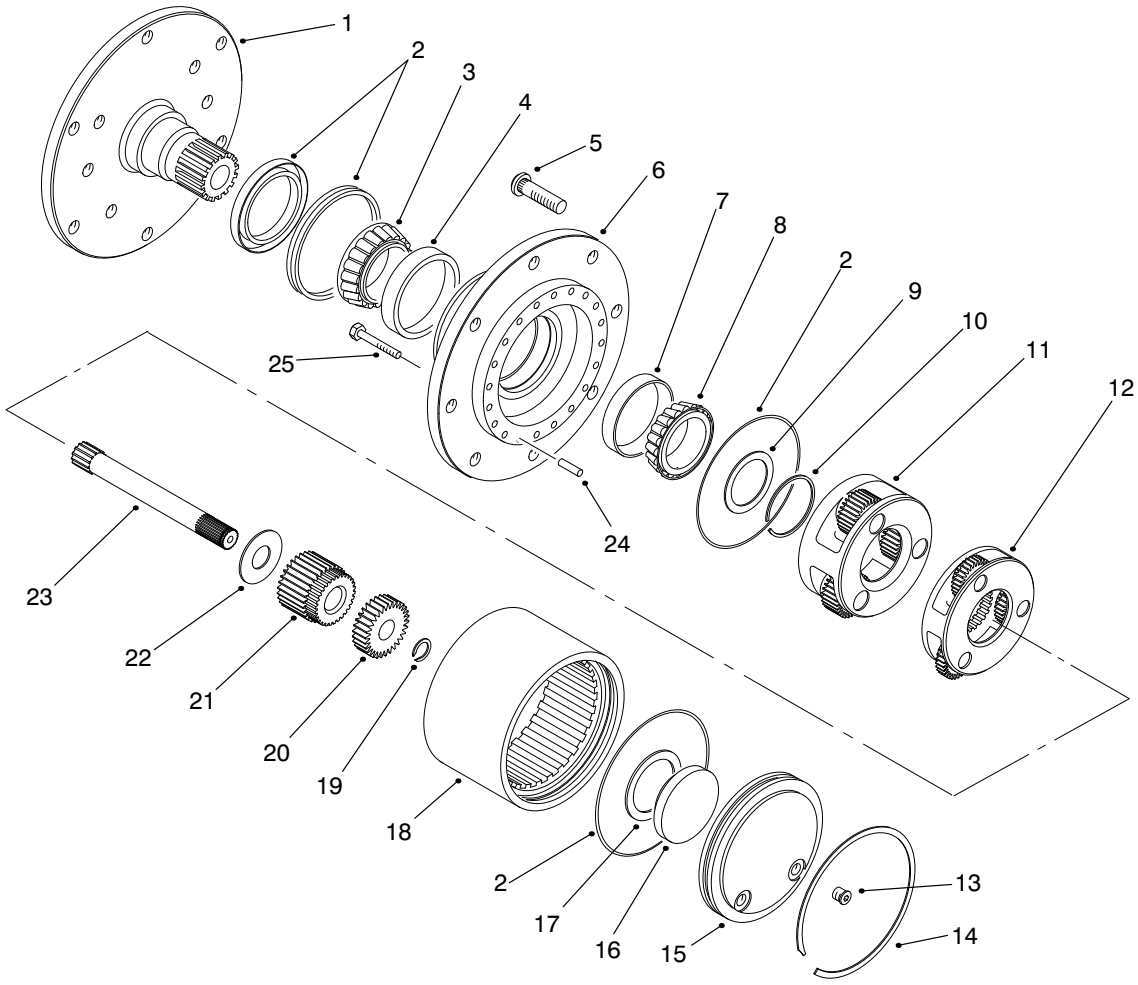
T−2069−2

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



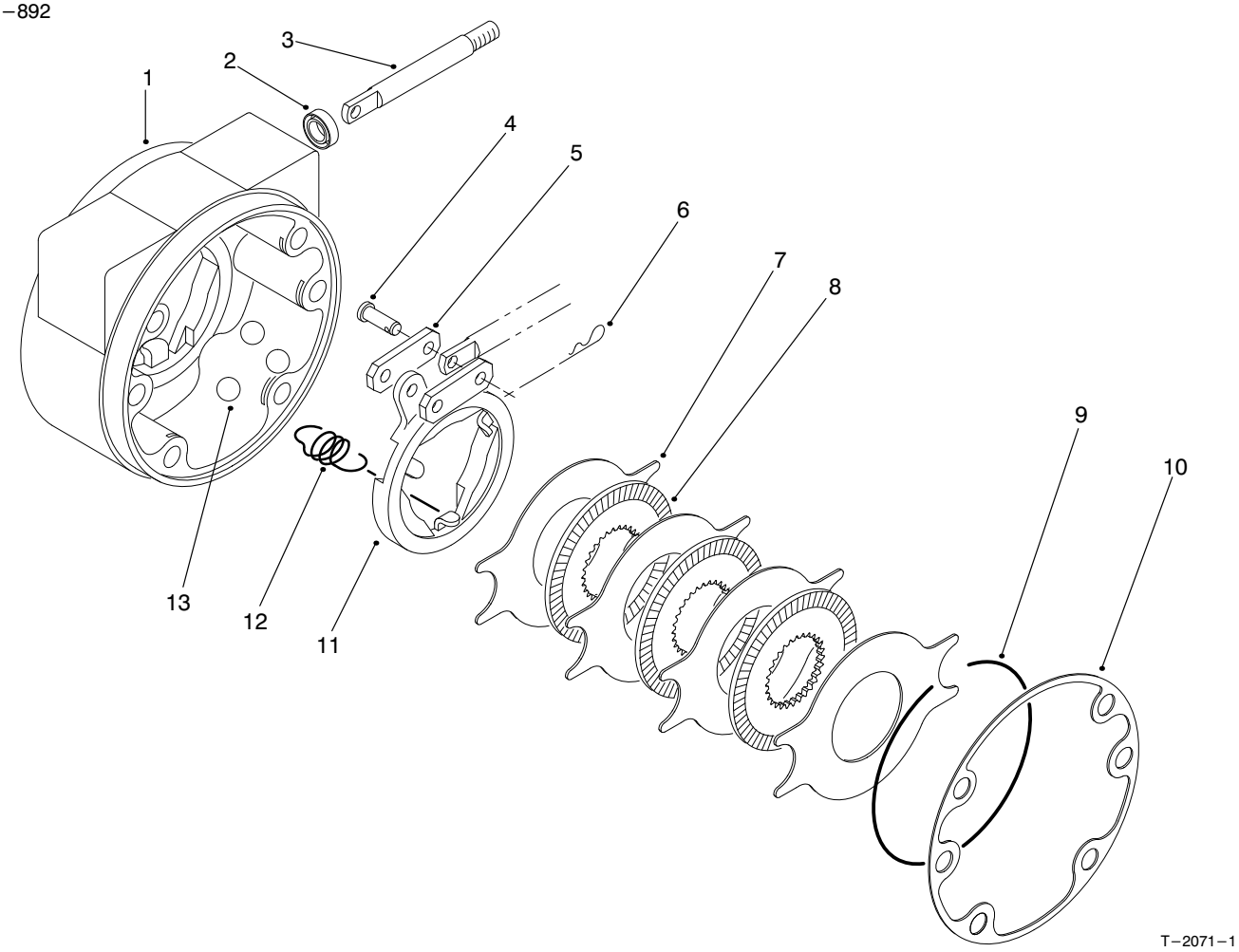
T–2070–1

PLANETARY DRIVE ASSEMBLY NO. 92–7415

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

*Not Illustrated

3322–892



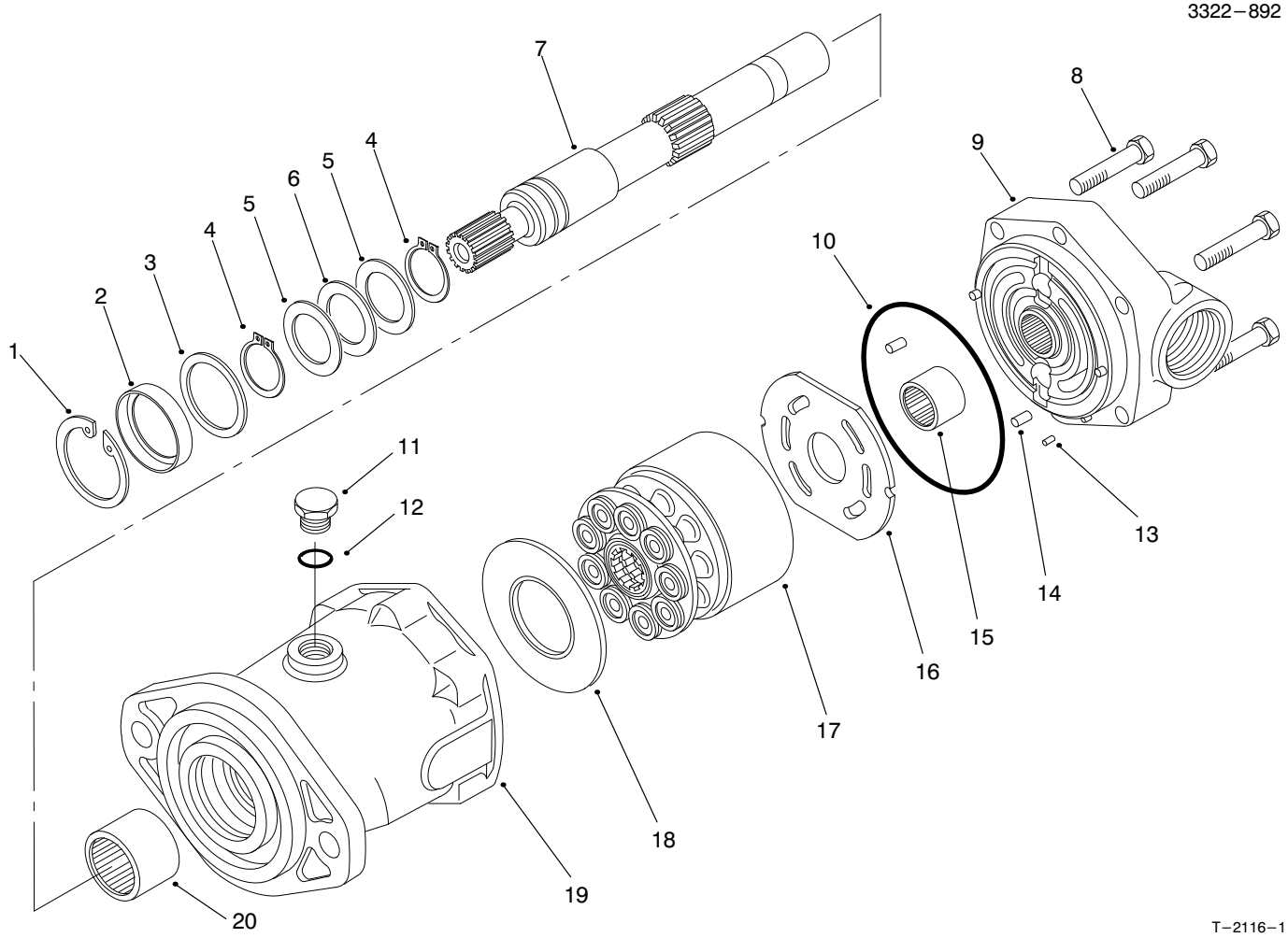
T–2071–1

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



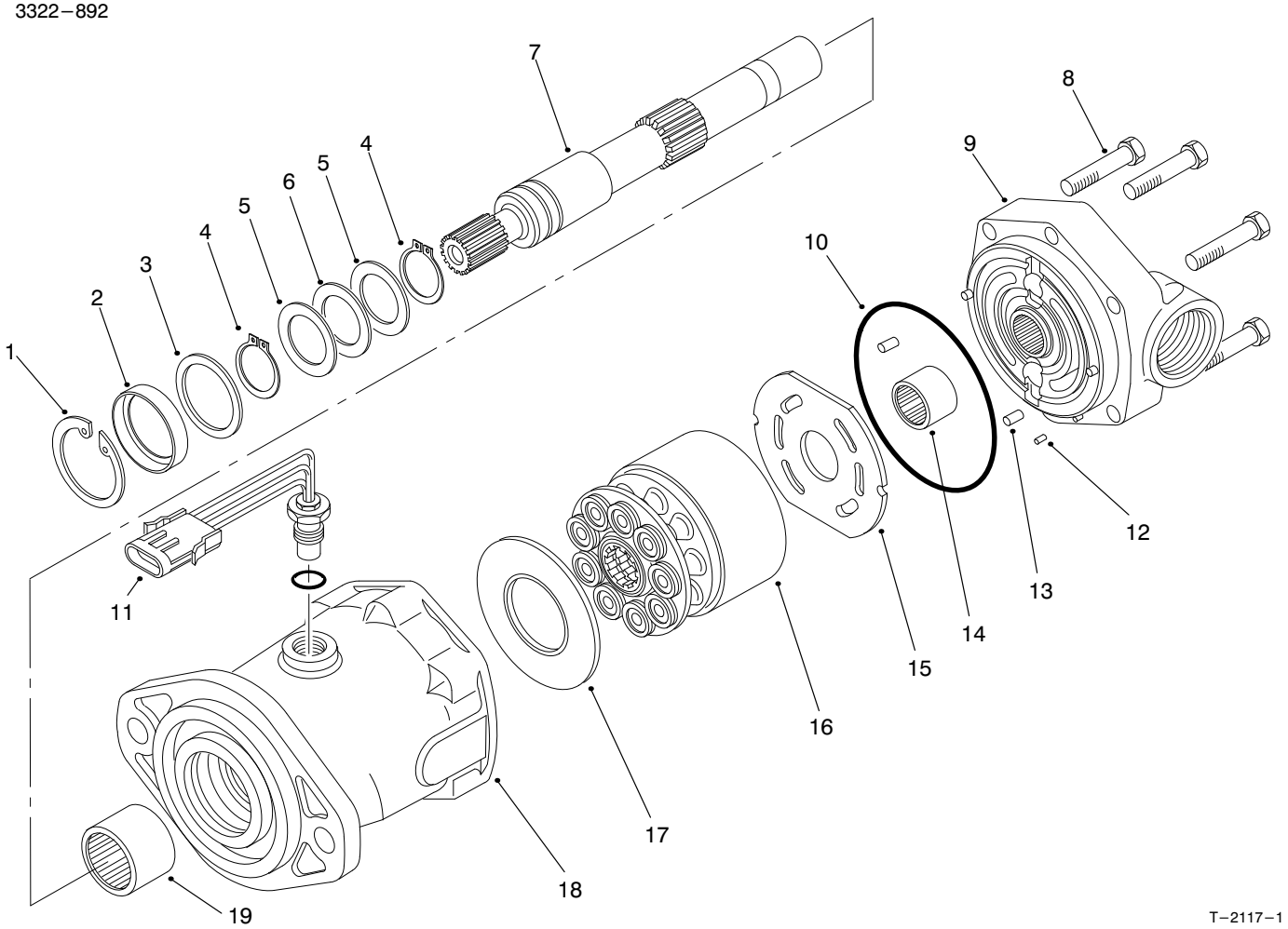
T–2116–1

HYDRAULIC MOTOR ASSEMBLY NO. 92–7385 RH

Ref. No.	Part No.	Description	No. Used
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. #13–15)	1
10	76–6980	O–Ring	1
11	94–3009	Asm–Plug (Incl. Ref. #12)	1

Ref. No.	Part No.	Description	No. Used
12		O–Ring	1
13		Pin–Dowel	1
14		Pin–Dowel	3
15		Bearing–Needle	1
16	94–3003	Plate–Valve	1
17	76–6910	Kit–Rotating	1
18	76–6970	Insert–Camplate	1
19	94–3006	Housing (Incl. Ref. #20)	1
20		Bearing–Needle	1

3322−892

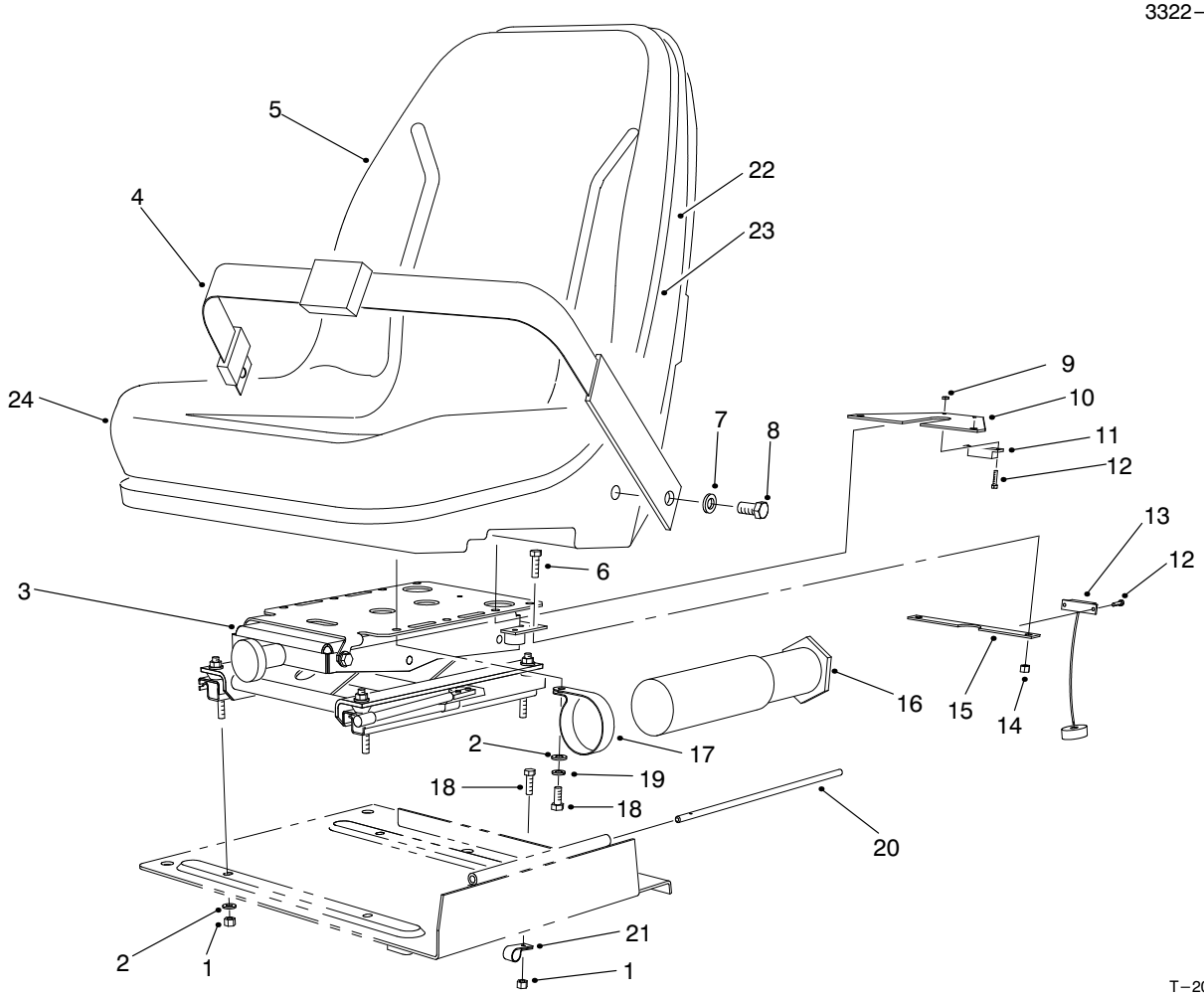


T−2117−1

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



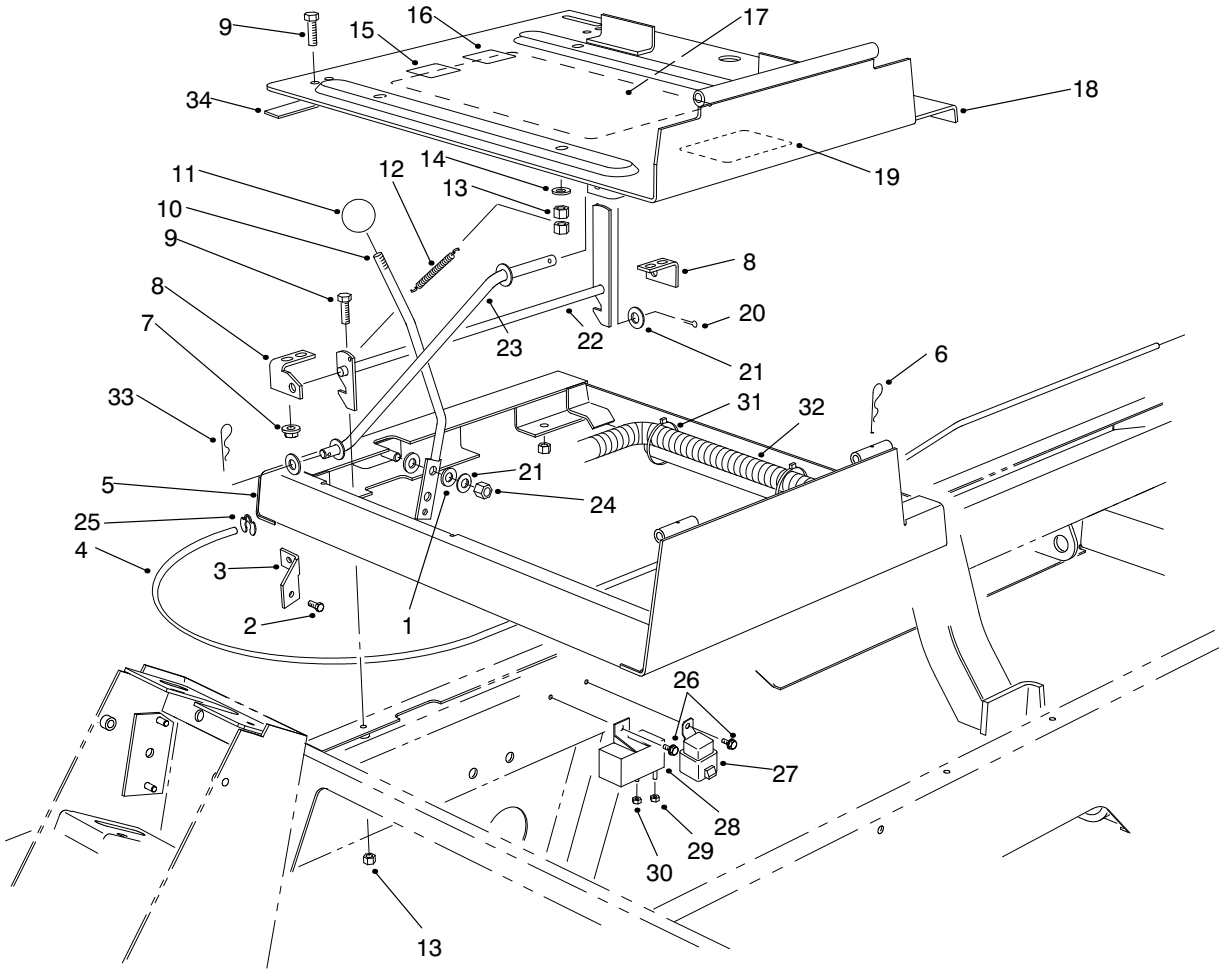
T−2064−2

SEAT FRAME & THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296−29	Nut−Lock	5
2	3256−23	Washer−Flat	8
3		Suspension−Seat	1
4	21−4191	Asm−Seat Belt (Model 03804 Only)	1
5	92−1180	Asm−Seat (Incl. Ref. #22−24)	1
6	323−4	Screw−HH	2
7	3253−6	Washer−Lock (Model 03804 Only)	2
8	3212−4	Screw−HH (Model 03804 Only)	2
9	3296−54	Nut−Lock	4
10	75−4370	Bracket−Seat	1

Ref. No.	Part No.	Description	No. Used
11	92−8753	Magnet−Switch, Reed	1
12	3250−29	Screw−PH	4
13	92−8001	Sensor−Switch, Reed	1
14	3296−39	Nut−Lock	2
15	75−4360	Bracket−Suspension, Seat	1
16	74−0720	Tube−Manual	1
17	2412−133	Clamp−R	2
18	322−3	Screw−HH	2
19	3253−4	Washer−Lock	4
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

3322−892

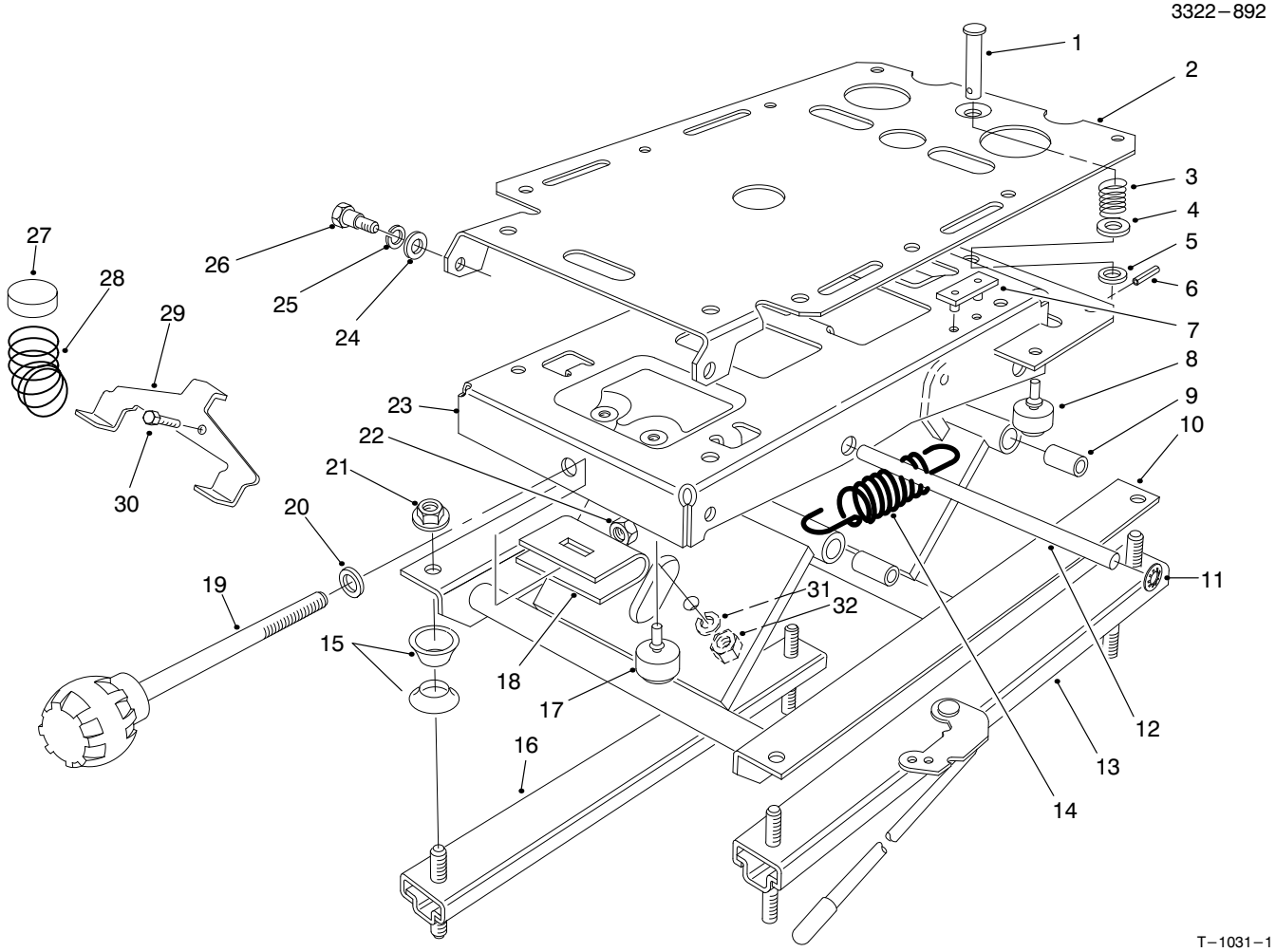


T−2065−2

SEAT FRAME & THROTTLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	66−2920	Washer−Nylon	2
2	49−2040	Screw−HH	1
3	92−7396	Mount−Cable	1
4	92−7520	Cable−Throttle	1
5	98−2352	Frame−Seat	1
6	3290−467	Pin−Cotter, Hair	1
7	32128−25	Nut−HFH	4
8	98−2353	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	98−8110	Decal−Instructions, Clip	1
17	95−3477	Decal−Clip (Japan)	1

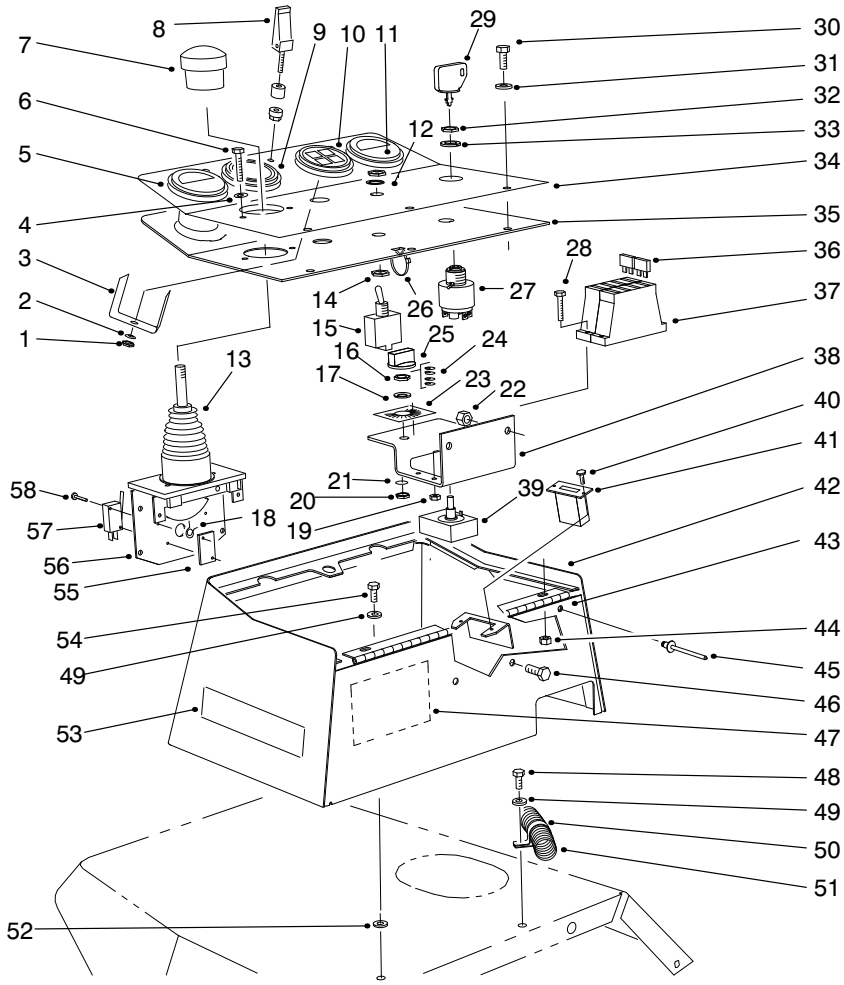
Ref. No.	Part No.	Description	No. Used
18	98−2350	Plate−Seat	1
19	98−8108	Decal−Rear Manifold Block	1
19	94−2919	Decal−Rear Manifold (Japan)	1
20	3272−10	Pin−Cotter	1
21	3256−24	Washer−Flat	3
22	98−2354	Latch−Seat	1
23	75−3680	Rod−Seat	1
24	3296−39	Nut−Lock	1
25	52−5910	Ring−Retaining	1
26	32144−10	Screw−HWHTF	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	99−8963	Harness−Wire, Main	1
33	3290−307	Pin−Cotter, Hair	1
34	94−8146	Strip−Foam, Seat	1



SEAT SUSPENSION ASSEMBLY

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

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

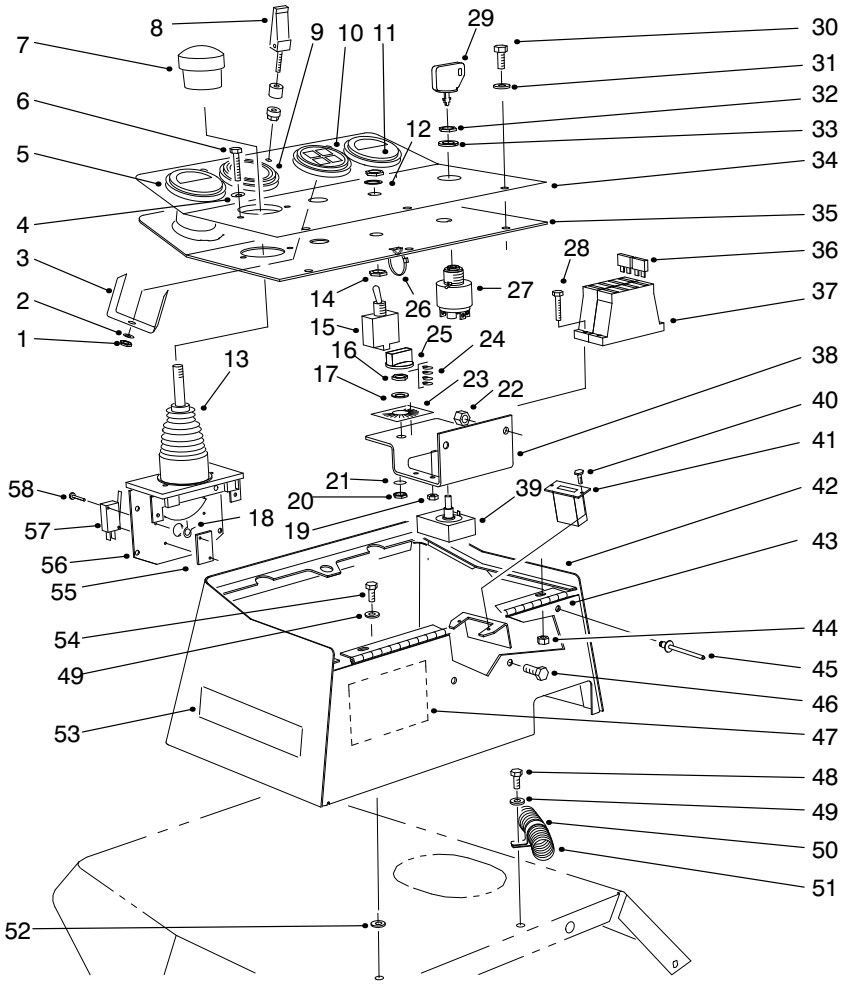


CONTROL CONSOLE ASSEMBLY

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

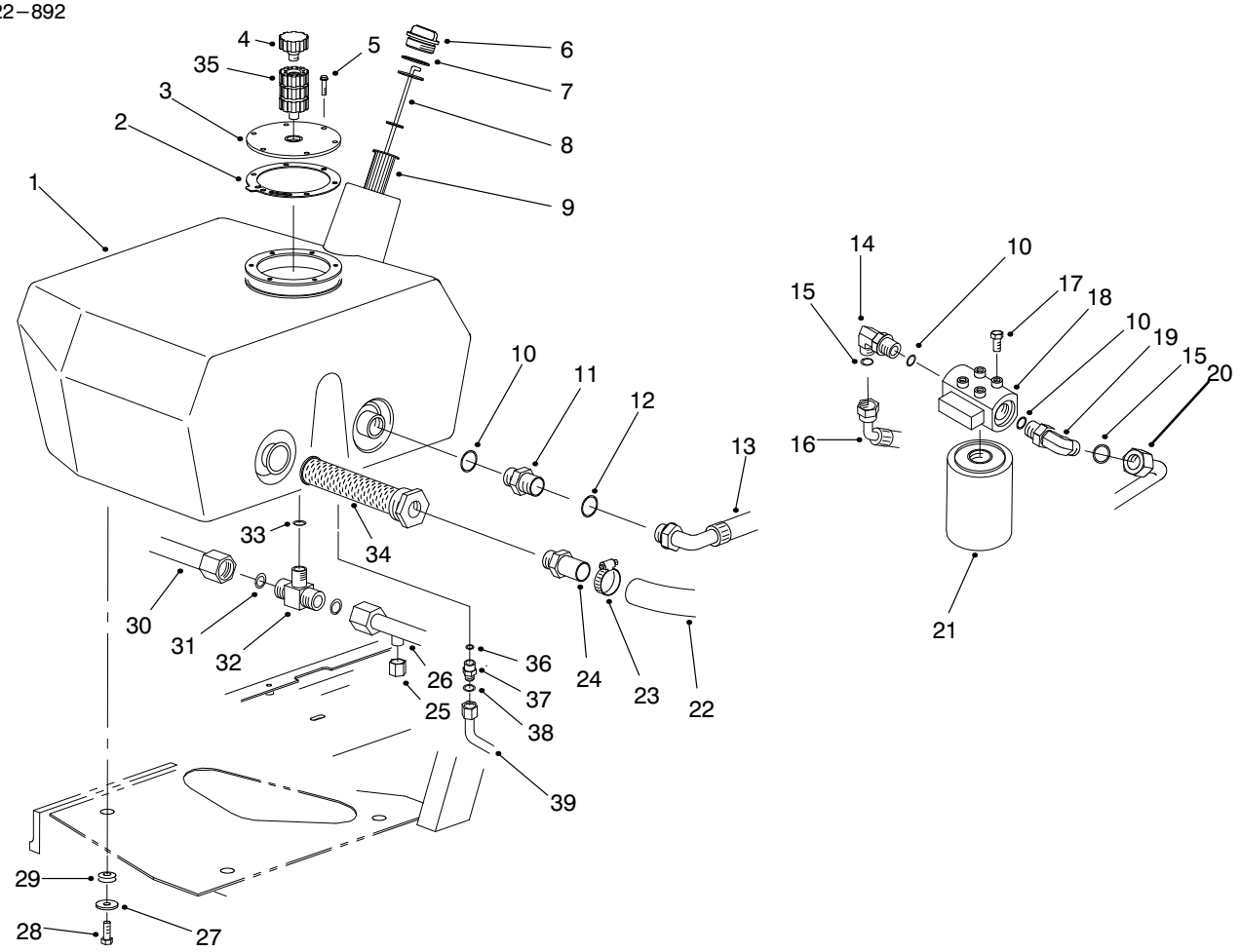
CONTROL CONSOLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
41	75−6820	Hour Meter	1
42	75−5740	Box−Control	1
43	75−5780	Hinge−Cover	1
44	32128−33	Nut−HFH	3
45	93−8744	Rivet−Pop	3
46	321−39	Screw−HH	2
47	94−6349	Decal−Fuses	1
47	94−3091	Decal−Fuses (Japan)	1
48	322−5	Screw−HH	1
49	3256−23	Washer−Flat	3
50	2412−126	Clamp−R	1
51	99−8963	Harness−Wire, Main	1
52	66−2920	Washer	3
53	93−6689	Decal−No Riders	1
53	84−3420	Decal−No Riders (Japan)	1
54	322−3	Screw−HH	2
55	3290−354	Plate−Nut	2

Ref. No.	Part No.	Description	No. Used
56	98−2195	Lever−Control (Incl. Ref. #7, 13, 55, 57 & 58)	1
57	94−8104	Switch−Micro	2
58	3290−93	Screw−HH	4
*59	87−6270	Socket−Light	4
*60	219−17	Bulb	4
*61	3217−25	Nut−Hex.	2
*62	3253−15	Washer−Lock	2
*63	3217−29	Nut−Hex.	6
*64	3255−24	Washer−Lock	3
*65	3219−14	Nut−Hex.	8
*66	3253−2	Washer−Lock	5
*67	218−588	Screw	2
*68	3255−19	Washer−Lock	2
*	94−6343	Decal−Wire Identification #1	1

*Not Illustrated

3322−892

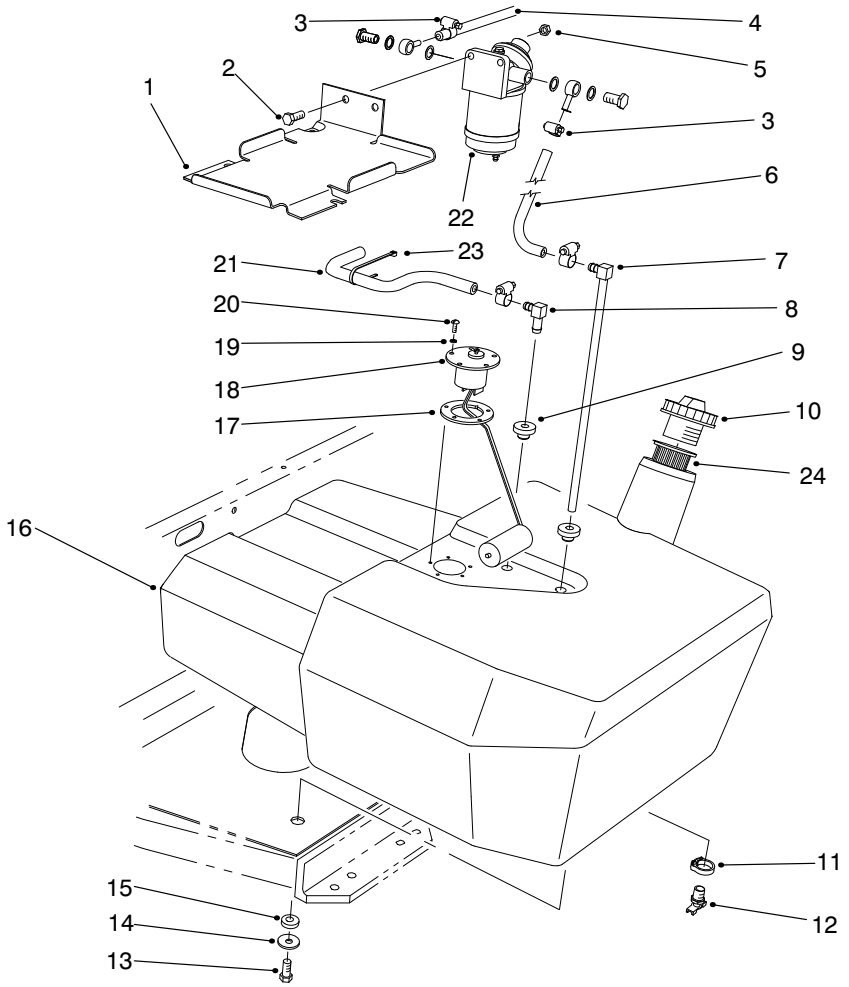


T−2067−1

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

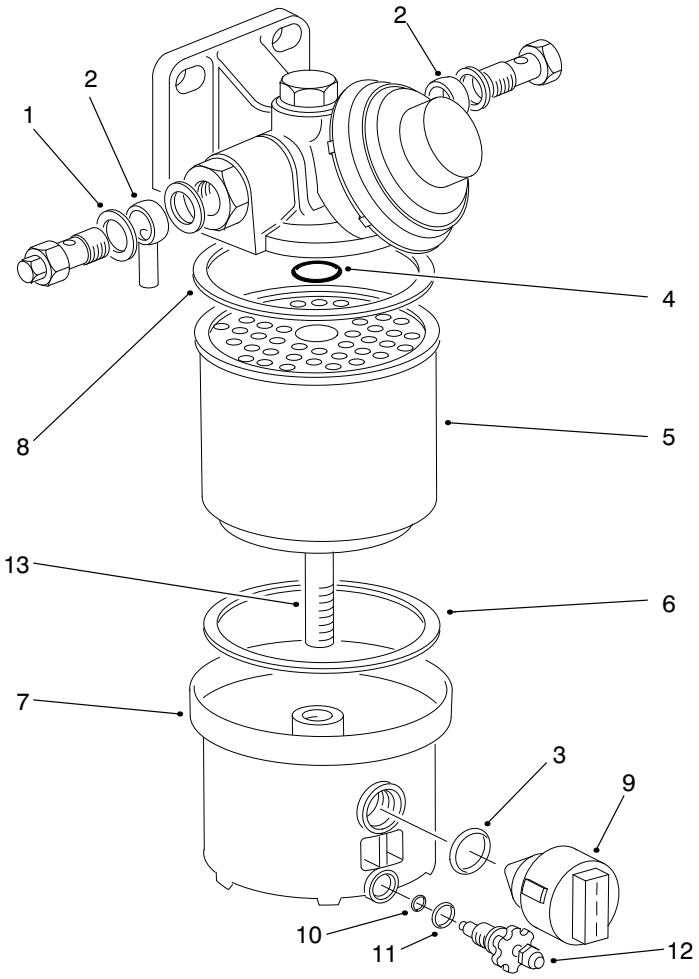


T−2068−1

FUEL TANK & FILTER ASSEMBLY

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

†Furnished with engine.

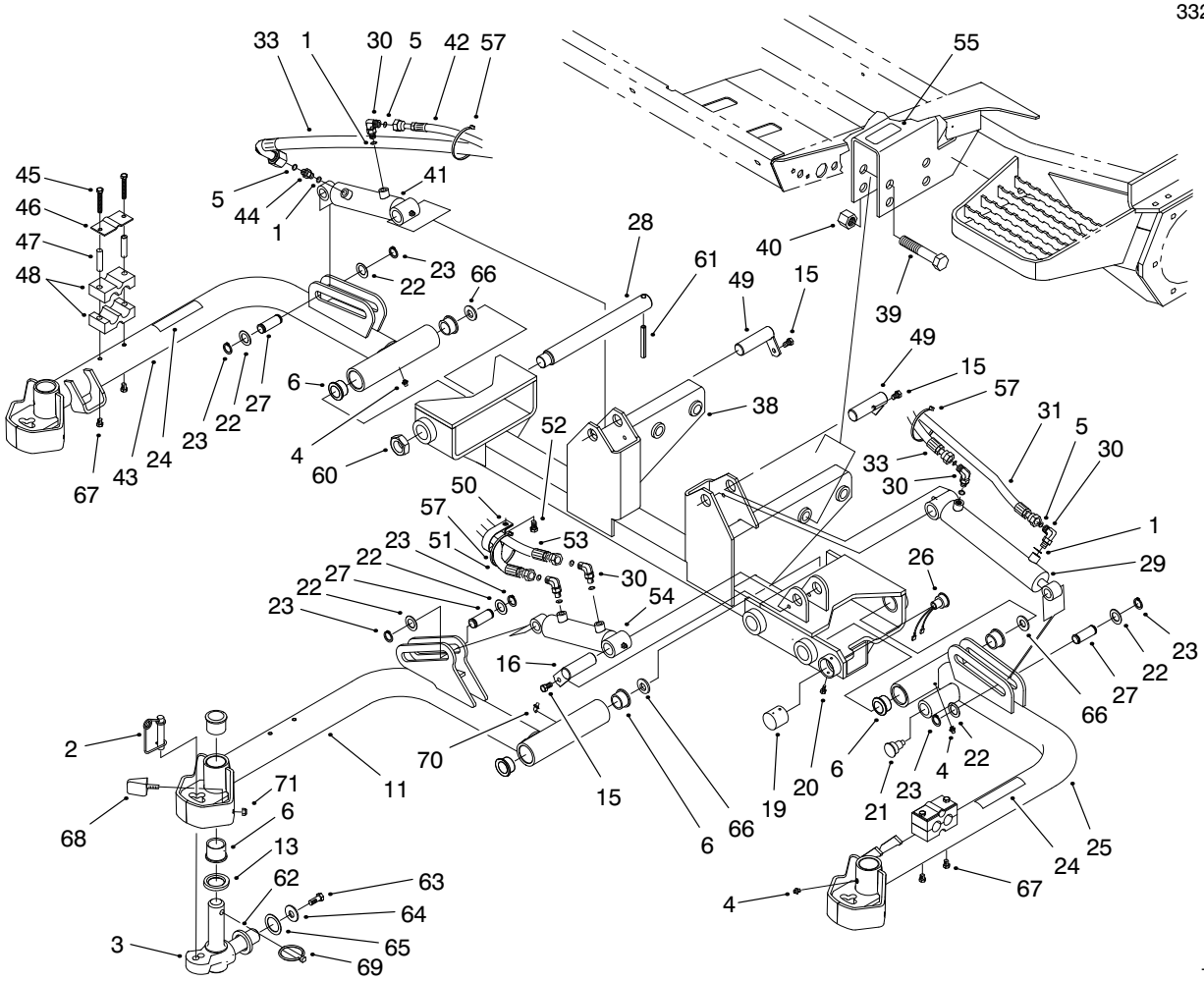


T−0966−2

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

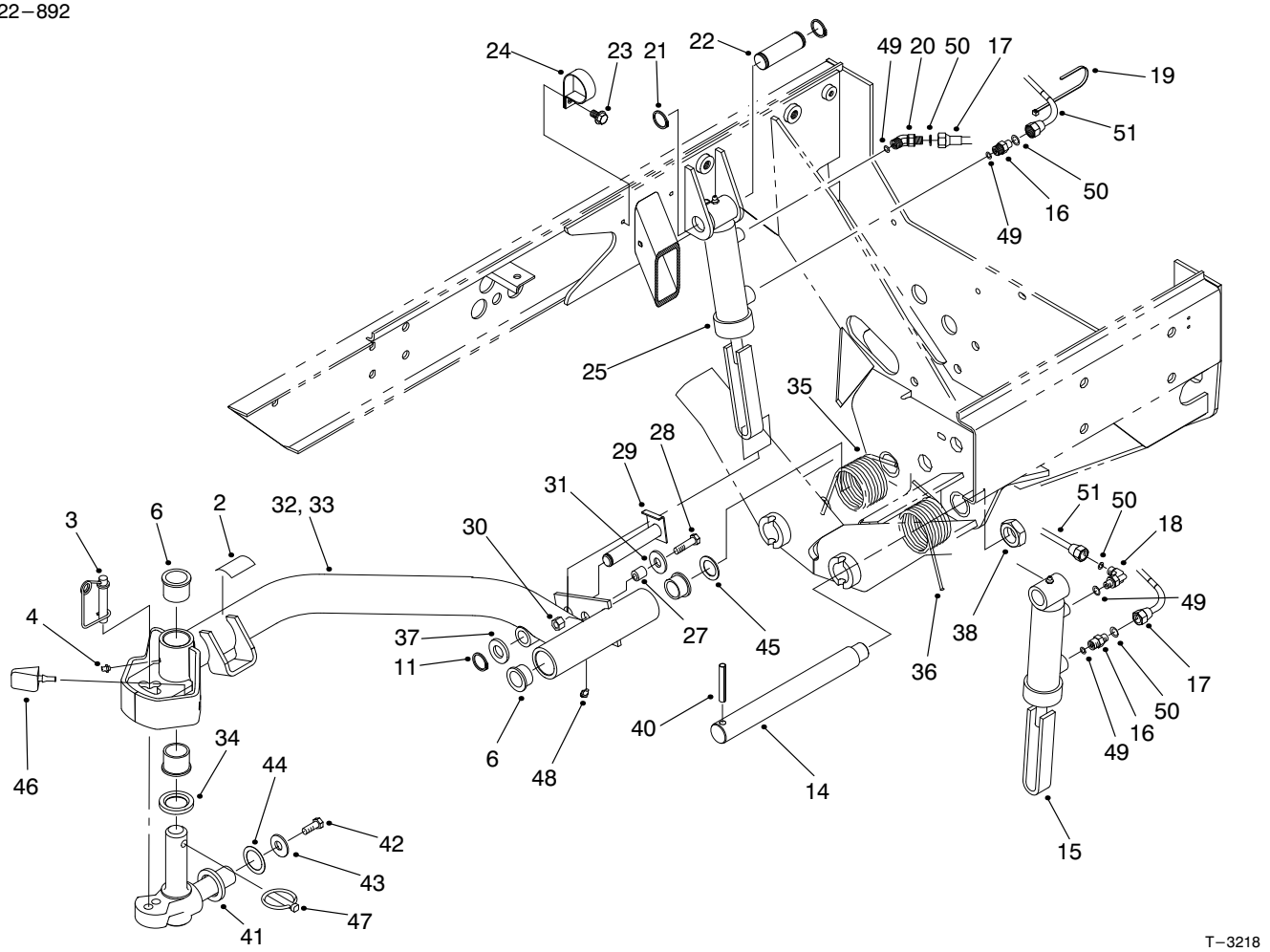


T−2934−2

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

Ref. No.	Part No.	Description	No. Used
1	237−78	O−Ring	6
2	99−5610	Pin	3
3	98−1880	Knuckle−Pivot	3
4	302−5	Fitting−Grease, Straight	6
5	237−21	O−Ring	6
6	94−8947	Bushing−Flange	12
11	99−2561	Asm−Lift Arm #1	1
13	94−8946	Washer	3
15	32144−14	Screw−HWH Thread Form	3
16	83−6790	Asm−Cylinder Pin	1
19	75−6370	Cap−Sensor	1
20	32104−76	Screw−TAP	2
21	92−8754	Magnet−Reed Switch	1
22	94−9998	Washer−Thrust	6
23	94−9974	Ring−Retaining	6
24	93−6687	Decal−No Step	2
25	99−2564	Lift Arm #4	1
26	92−8002	Sensor−Reed Switch	1
27	75−5350	Pin−Cylinder	3
28	95−7158	Pin−Pivot	3
29	98−8811	Cylinder−Hydraulic	1
30	340−132	Fitting−Hydraulic (Incl. Ref. #1 & 5)	5
31	82−6490	Hose	1
33	75−5890	Hose	1
38	99−5615	Asm−Carrier Frame	1
39	328−7	Screw−HH	4
40	3296−51	Nut−Lock	4
41	98−8069	Cylinder−Hydraulic	1

Ref. No.	Part No.	Description	No. Used
42	92−7564	Asm−Hose	1
43	99−2565	Lift Arm #5	1
44	340−92	Fitting−Hydraulic (Incl. Ref. #1 & 5)	1
45	60−6700	Screw−HH	6
46	93−7961	Clamp−Case Drain	3
47	93−7960	Spacer	6
48	82−8170	Clamp	6
49	83−6780	Asm−Cylinder Pin	2
50	2412−96	Clamp−R	1
51	92−7565	Asm−Hose	1
52	322−4	Screw−HH	1
53	92−7562	Asm−Hose	1
54	93−2650	Cylinder−Hydraulic	1
55	93−6693	Decal−Floor Plate	1
57	3290−378	Tie−Cable	3
60	3296−49	Nut−Lock	3
61	32121−110	Pin−Spring	3
62	98−7974	Washer−Thrust	3
63	98−7993	Screw−Flange	3
64	3256−6	Washer−Flat	3
65	3−6781	Washer−Thrust	3
66	76−2980	Washer−Thrust	3
67	33114−010	Screw−HH	4
68	99−5605	Bumper	6
69	283−71	Pin−Lynch	3
70	302−60	Fitting−Grease	1
71	3296−29	Nut−Lock	6

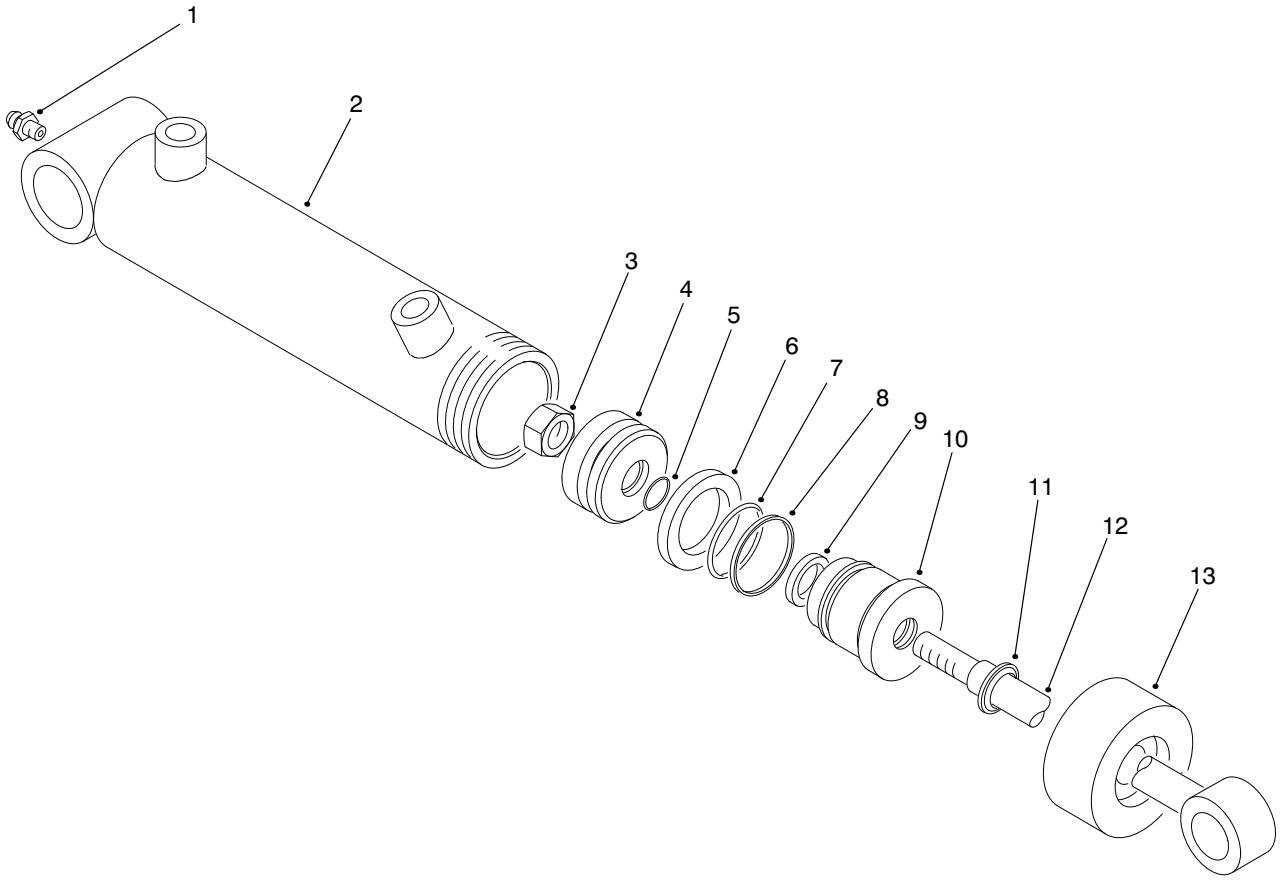


T–3218

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

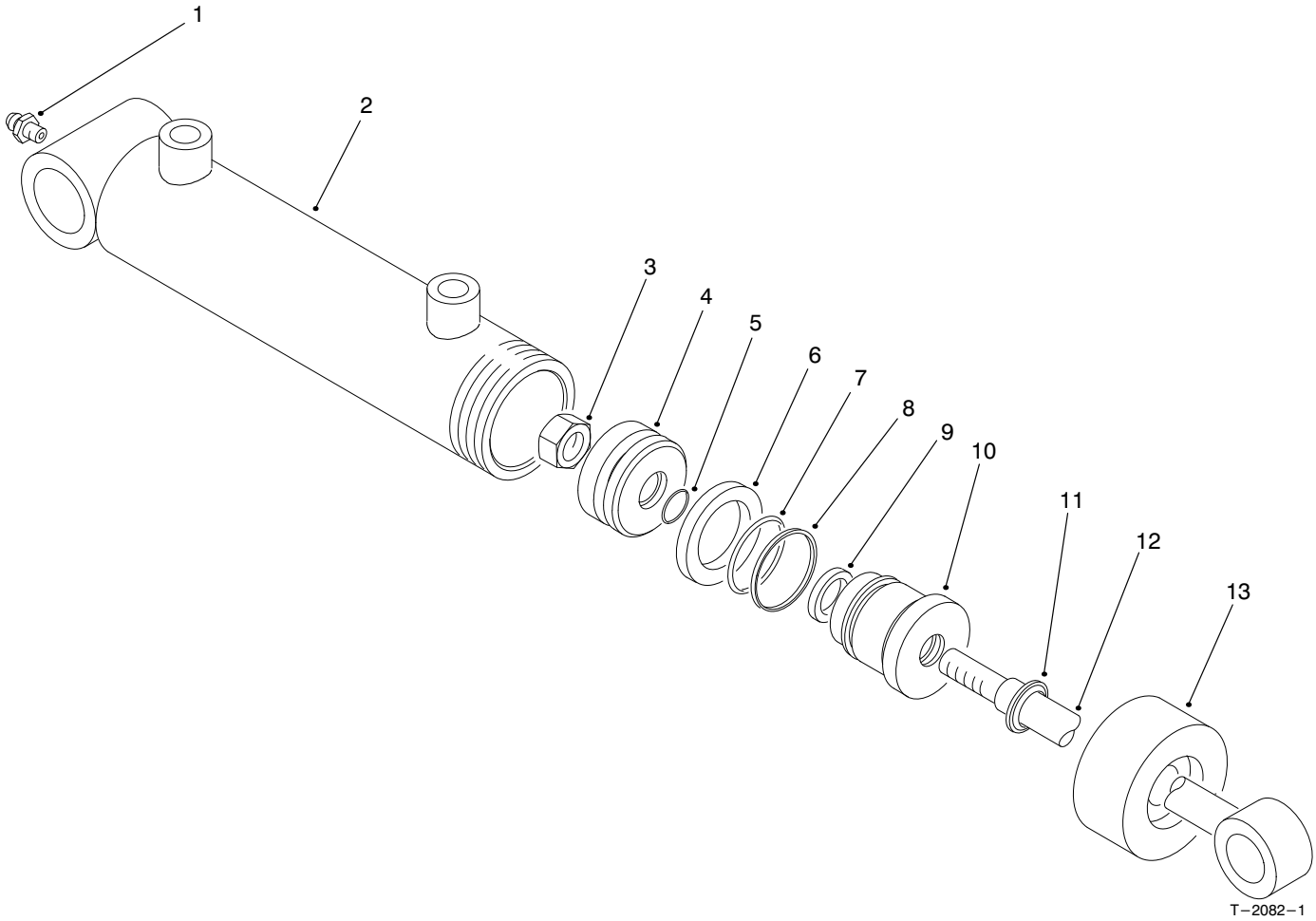
HYDRAULIC CYLINDER NO. 1 (93–2650)

Ref. No.	Part No.	Description	No. Used
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	93–7990	Head	1
†11		Seal–Dust	1
12	94–2644	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

3322−892

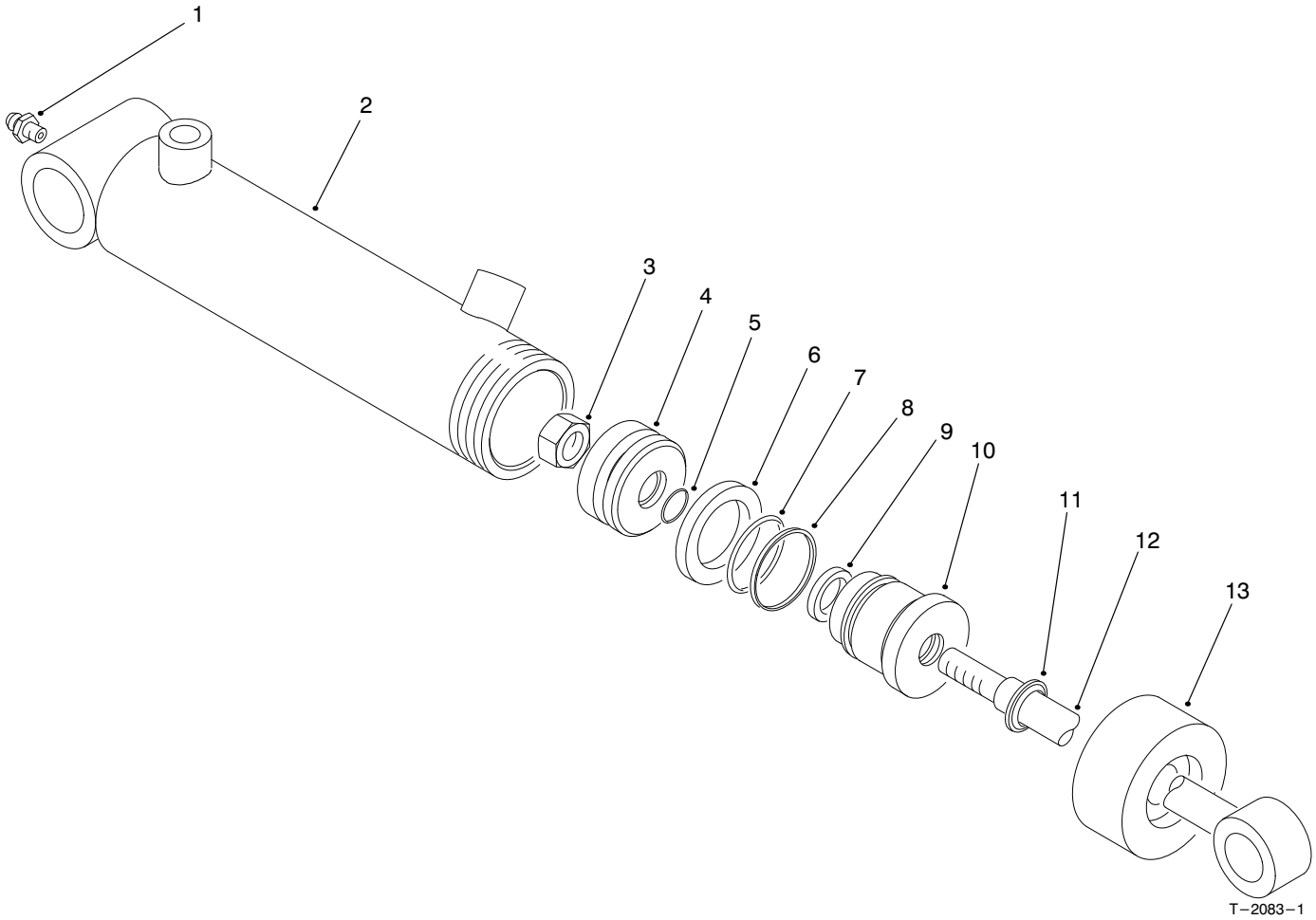


HYDRAULIC CYLINDER NO. 4 (98−8811)

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

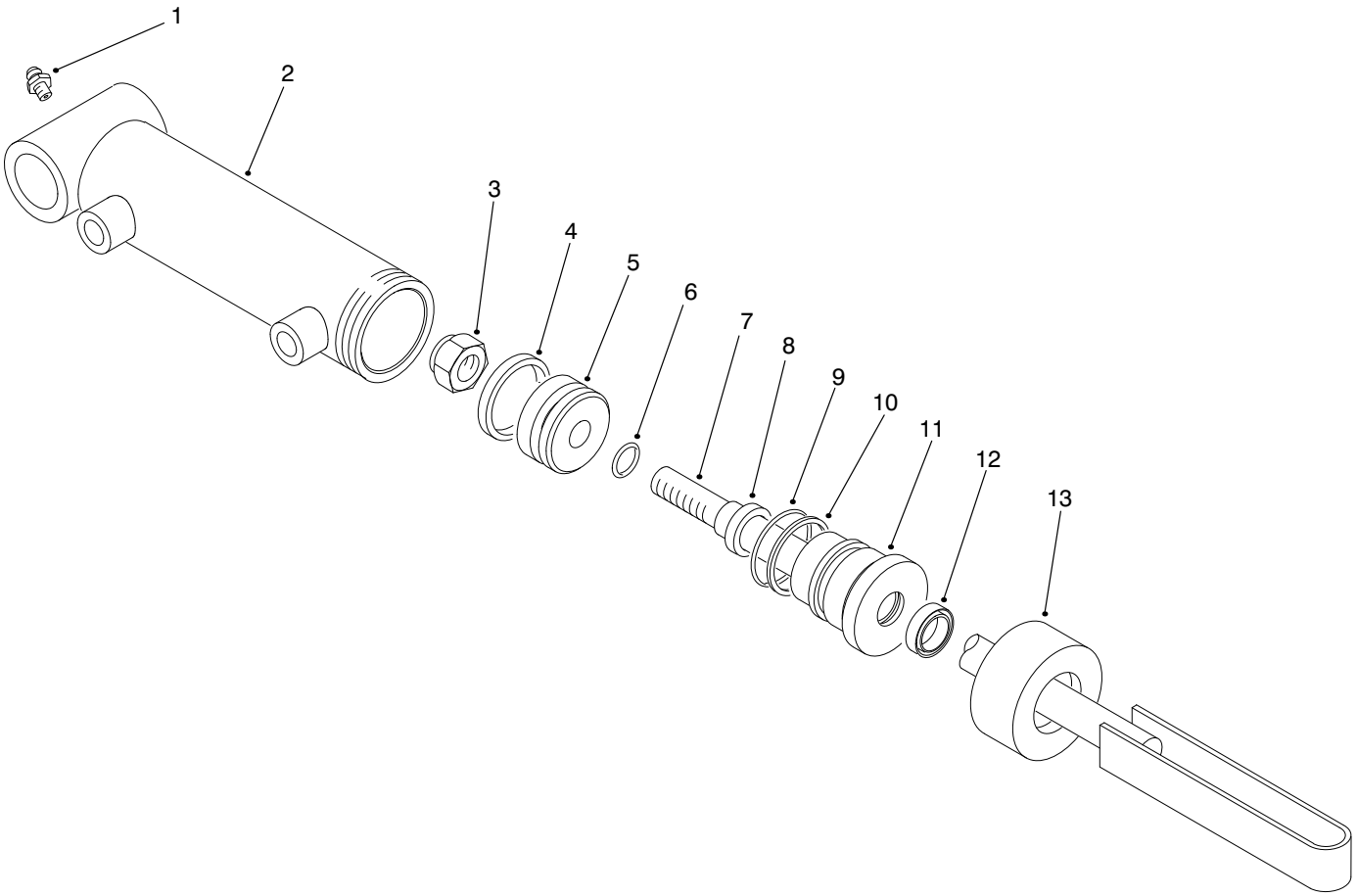


HYDRAULIC CYLINDER NO. 5 (98–8069)

Ref. No.	Part No.	Description	No. Used
1	302–5	Fitting–Grease	1
2	93–7558	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	98–7354	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



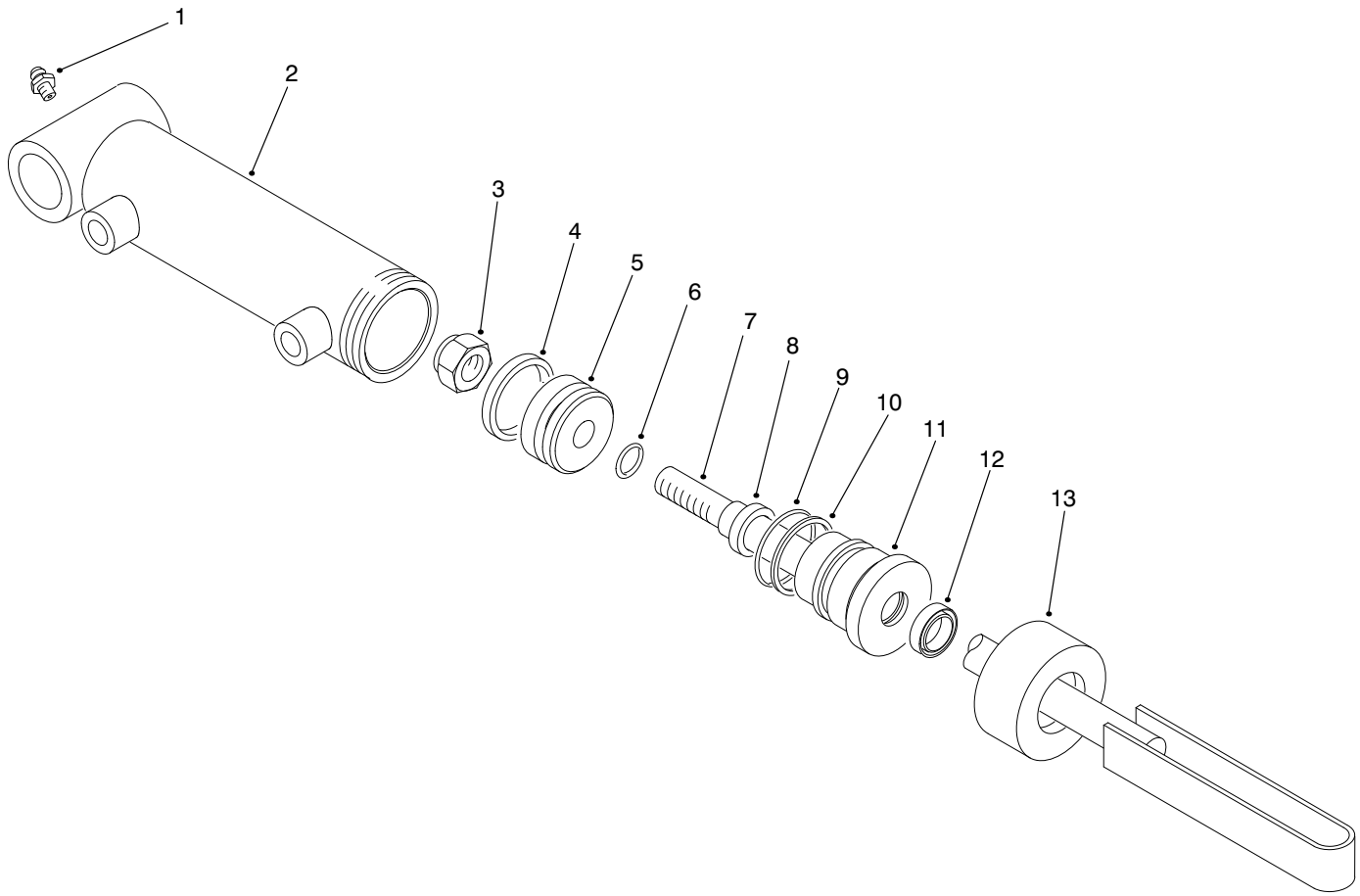
T−2087−1

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

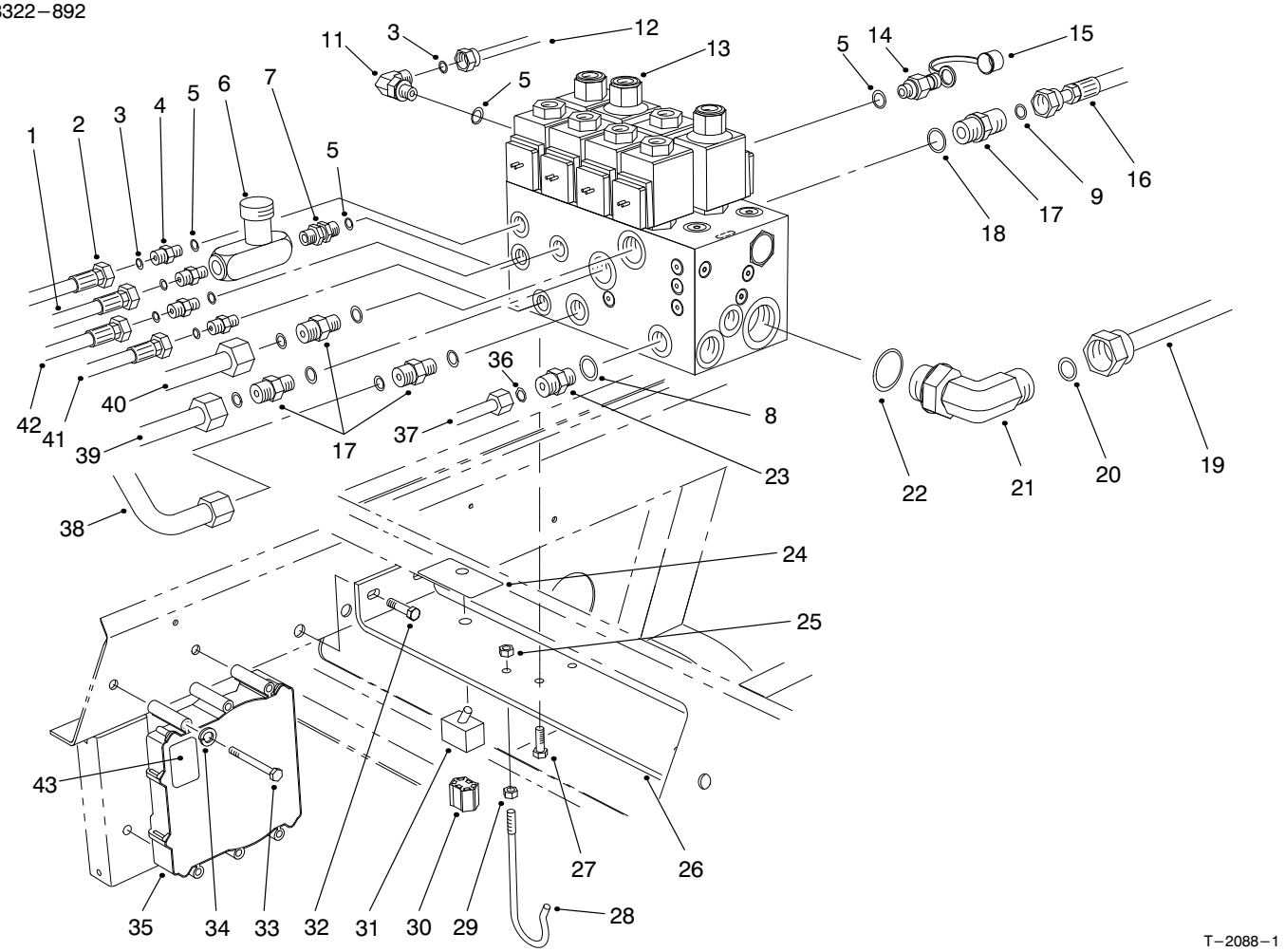
HYDRAULIC CYLINDER NO. 3 (98–8812)

Ref. No.	Part No.	Description	No. Used
1	302–5	Fitting–Grease	1
†2		Asm–Barrel	1
3	32152–10	Nut	1
†4		Uni–ring	1
5	70–2780	Piston	1
†6		O–Ring	1
7	93–7989	Shaft W/Clevis	1
†8		Seal–Rod	1
9		O–Ring	1
†10		Backup	1
11	98–7353	Head	1
†12		Seal–Dust	1
13	93–7991	Collar	1
*	86–7330	Kit–Seal repair (Incl. Ref. #4, 6, 8–10 & 12)	1

*Not Illustrated

† Not Serviced Separately.

3322–892

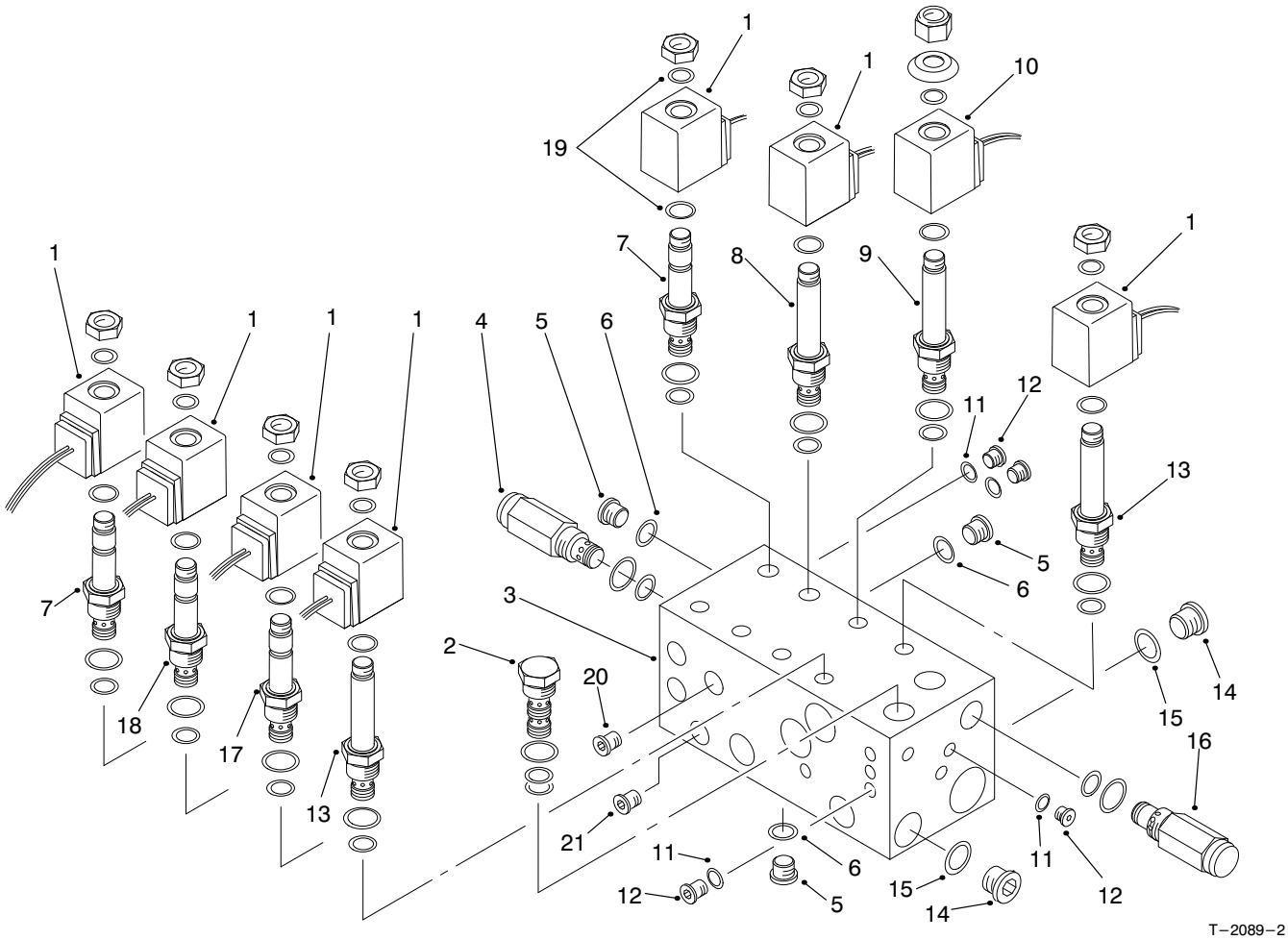


T–2088–1

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

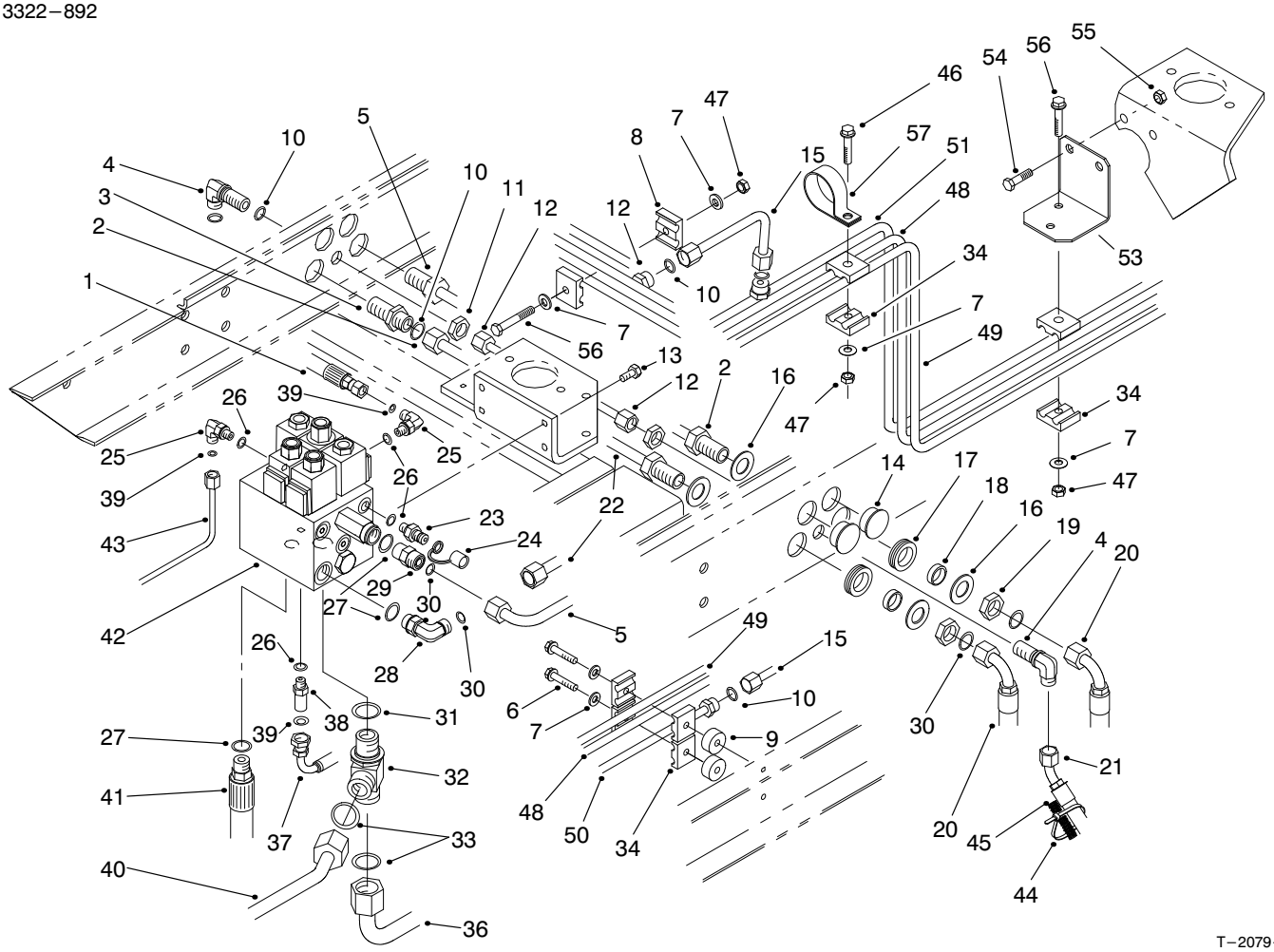


T–2089–2

FRONT MANIFOLD BLOCK ASSEMBLY NO. 92–7418

Ref. No.	Part No.	Description	No. Used
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
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	Kit–Seal	7
*	69–4260	Kit–Seal	2

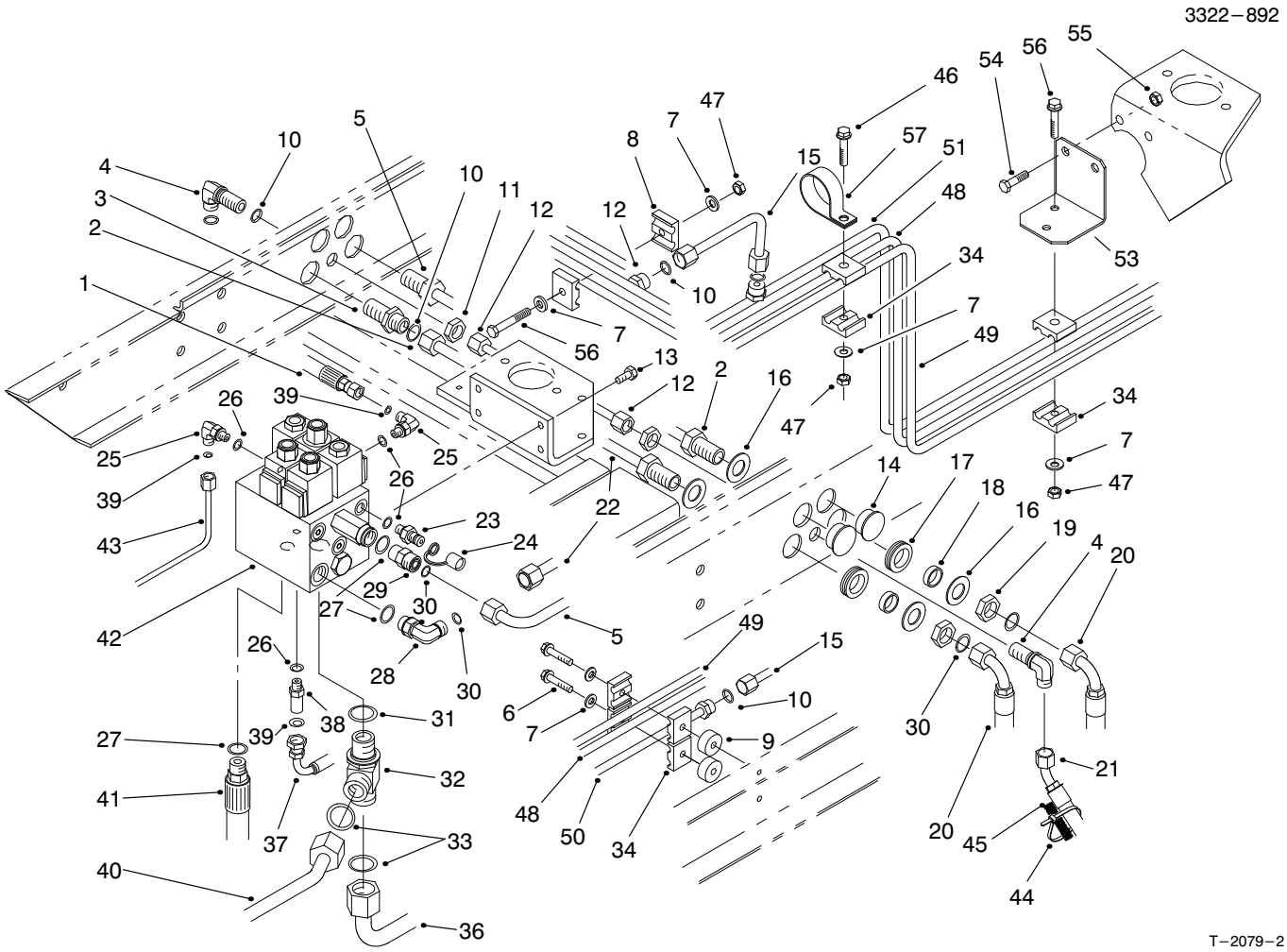
*Not Illustrated
†Not Serviced Separately



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

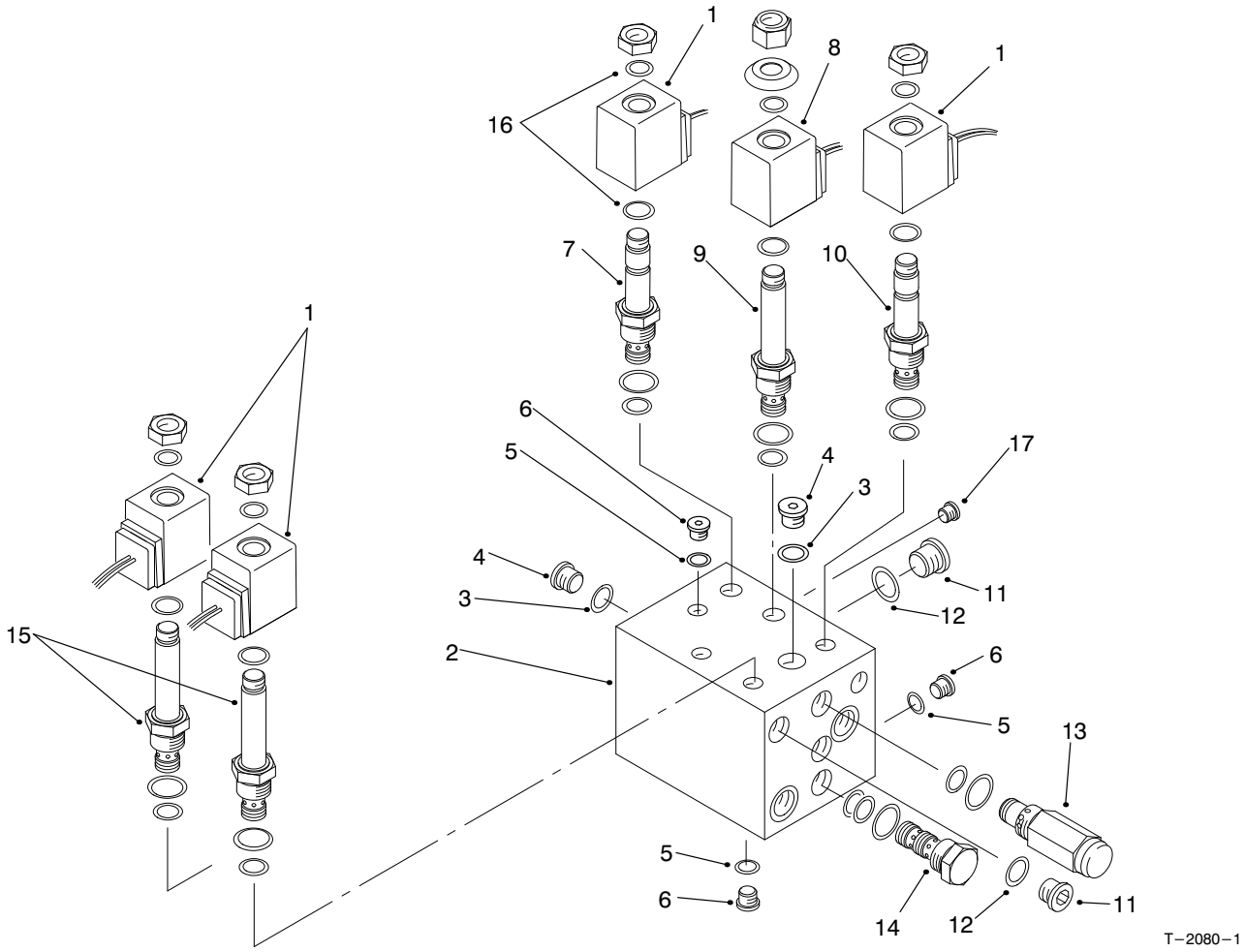
Ref. No.	Part No.	Description	No. Used
22	92−7585	Asm−Tube	1
23	354−77	Fitting−Quick Connect (Incl. Ref. #26)	1
24	354−79	Cap−Fitting	1
25	340−132	Fitting−Hydraulic 90° (Incl. Ref. #26 & 39)	2
26	237−78	O−Ring	4
27	237−79	O−Ring	3
28	340−98	Fitting−Hydraulic 90° (Incl. Ref. #27 & 30)	1
29	340−4	Fitting−Hydraulic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



REAR HYDRAULIC MANIFOLD BLOCK & TUBES (Cont.)

Ref. No.	Part No.	Description	No. Used
43	92−7591	Asm−Tube, P2A	1
44	3290−378	Tie−Cable	6
45	99−8963	Harness−Wire, Main	1
46	322−6	Screw−HH	1
47	3296−47	Nut−Lock (Model 03803)	4
47	3296−47	Nut−Lock (Model 03804)	5
48	92−7494	Asm−Tube, Steering, Rear	1
49	92−7495	Asm−Tube, Steering, Rear	1
50	92−7598	Asm−Tube, Front Drain	1

Ref. No.	Part No.	Description	No. Used
51	92−7553	Asm−Tube, Rear Drain (Model 03804)	1
52	237−42	O−Ring	2
53	94−2834	Bracket−Clamp	1
54	323−6	Screw−HH	2
55	32128−21	Nut−HFH	2
56	322−7	Screw−HH (Model 03803)	4
56	322−7	Screw−HH (Model 03804)	5
57	2412−147	Clamp−R	1

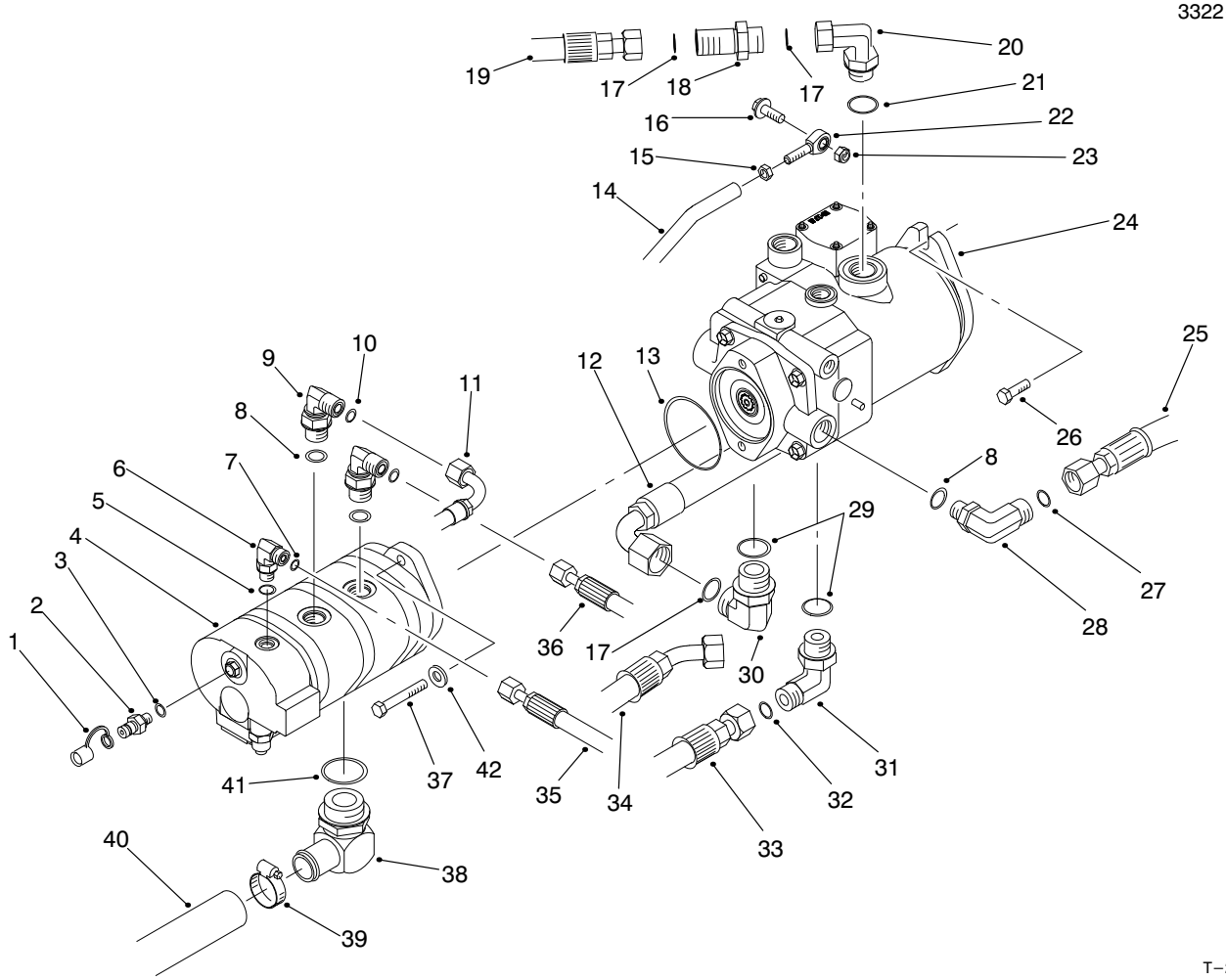


MANIFOLD ASSEMBLY NO. 92–7419

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



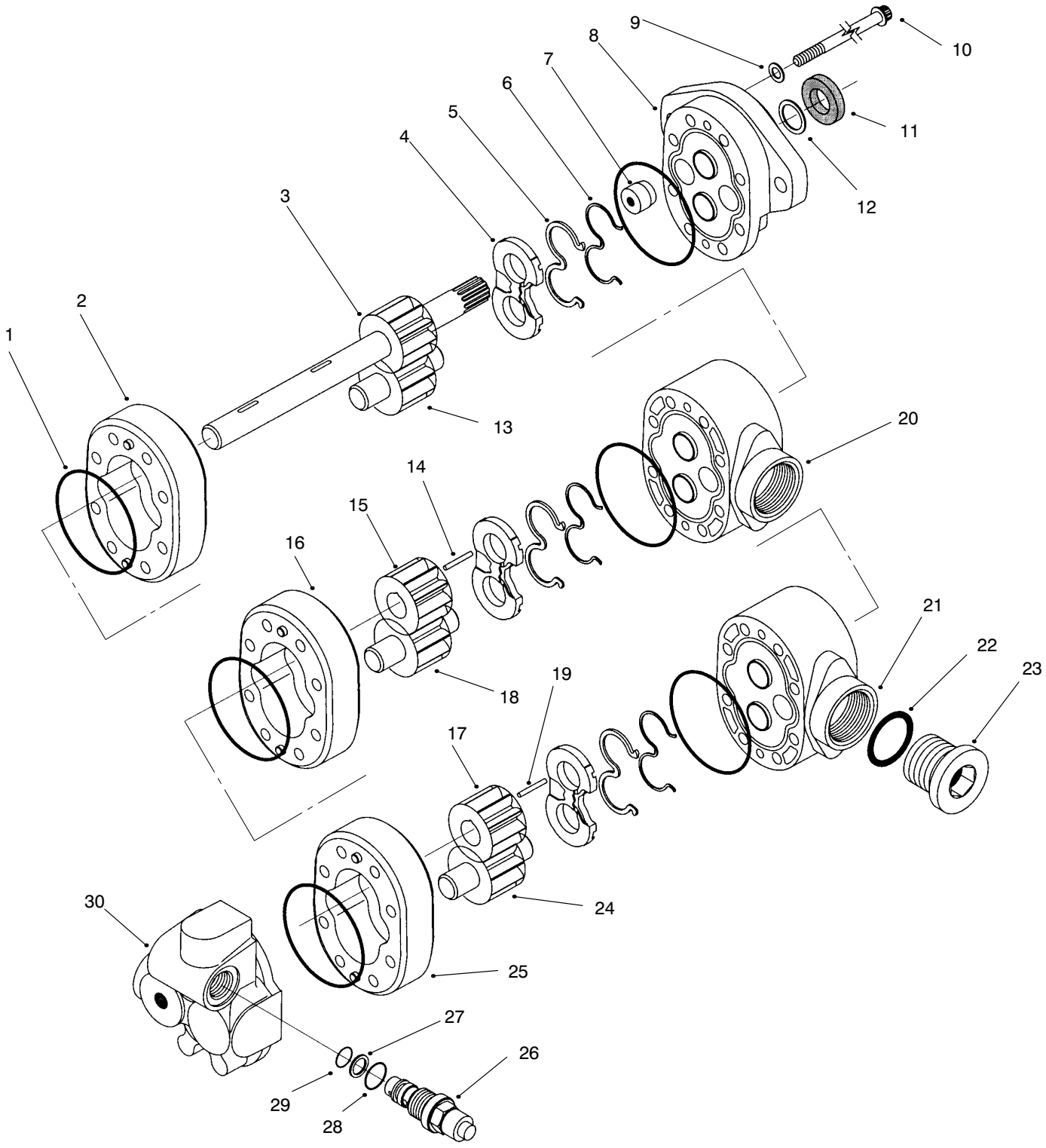
T−2072−1

PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
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. 03804)	1
13	237−99	O−Ring	1
14	92−7531	Tube−Rod, Control	1
15	3220−3	Nut−Jam	1
16	3234−11	Screw−HHF	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	98−3730	Pump−Piston	1
25	92−7490	Asm−Hose, Filter	1
26	82−5050	Screw−HH	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. 03804)	1
30	340−129	Fitting−Hydraulic 90˚ (Incl. Ref. #29 & 32) (Model #03803)	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. 03803)	1
35	92−7622	Asm−Hose, Steering	1
36	92−7492	Asm−Hose	1
37	323−7	Screw−HH	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

GEAR PUMP ASSEMBLY NO. 93–2175



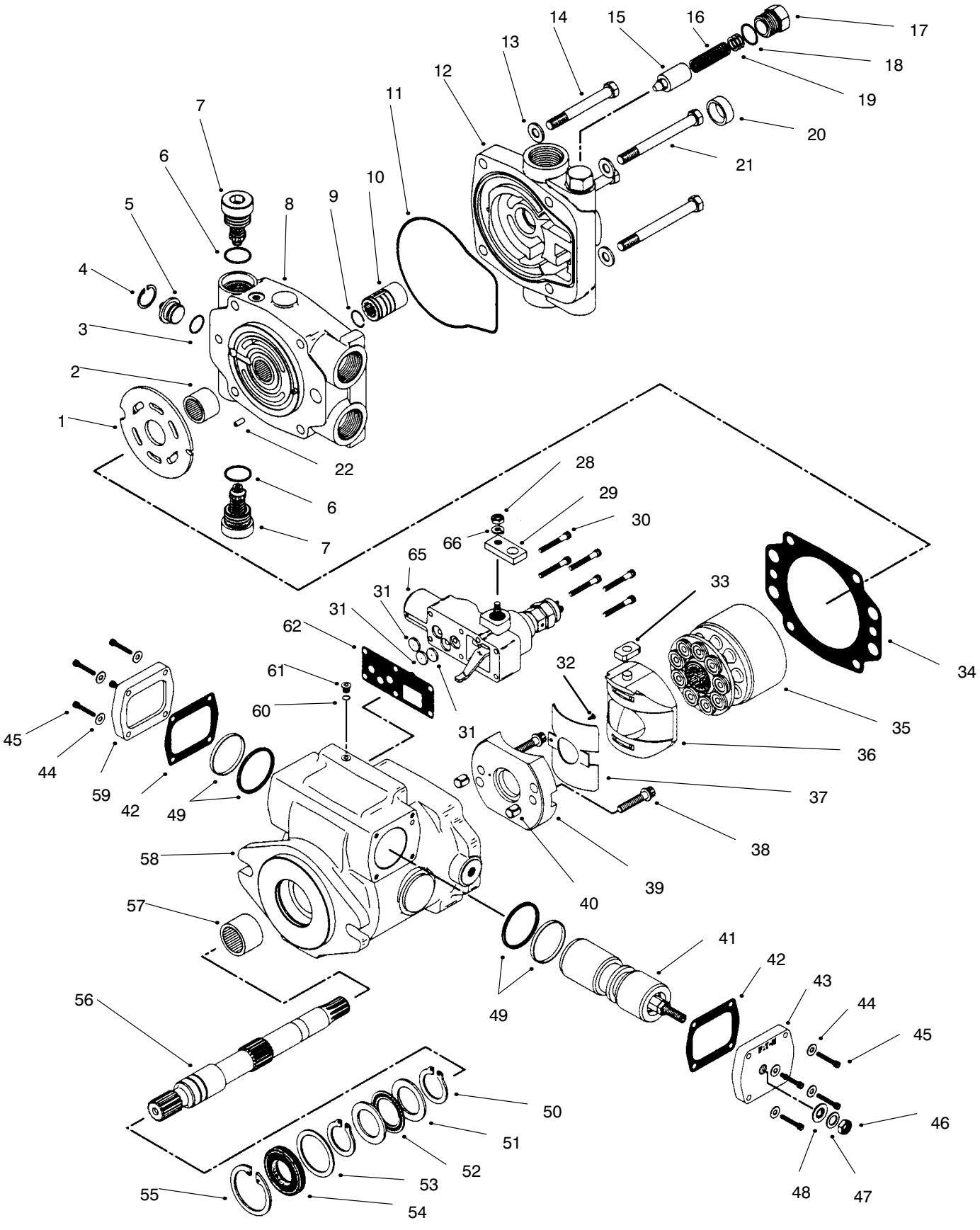
T–2138–1

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
†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. 98–3730



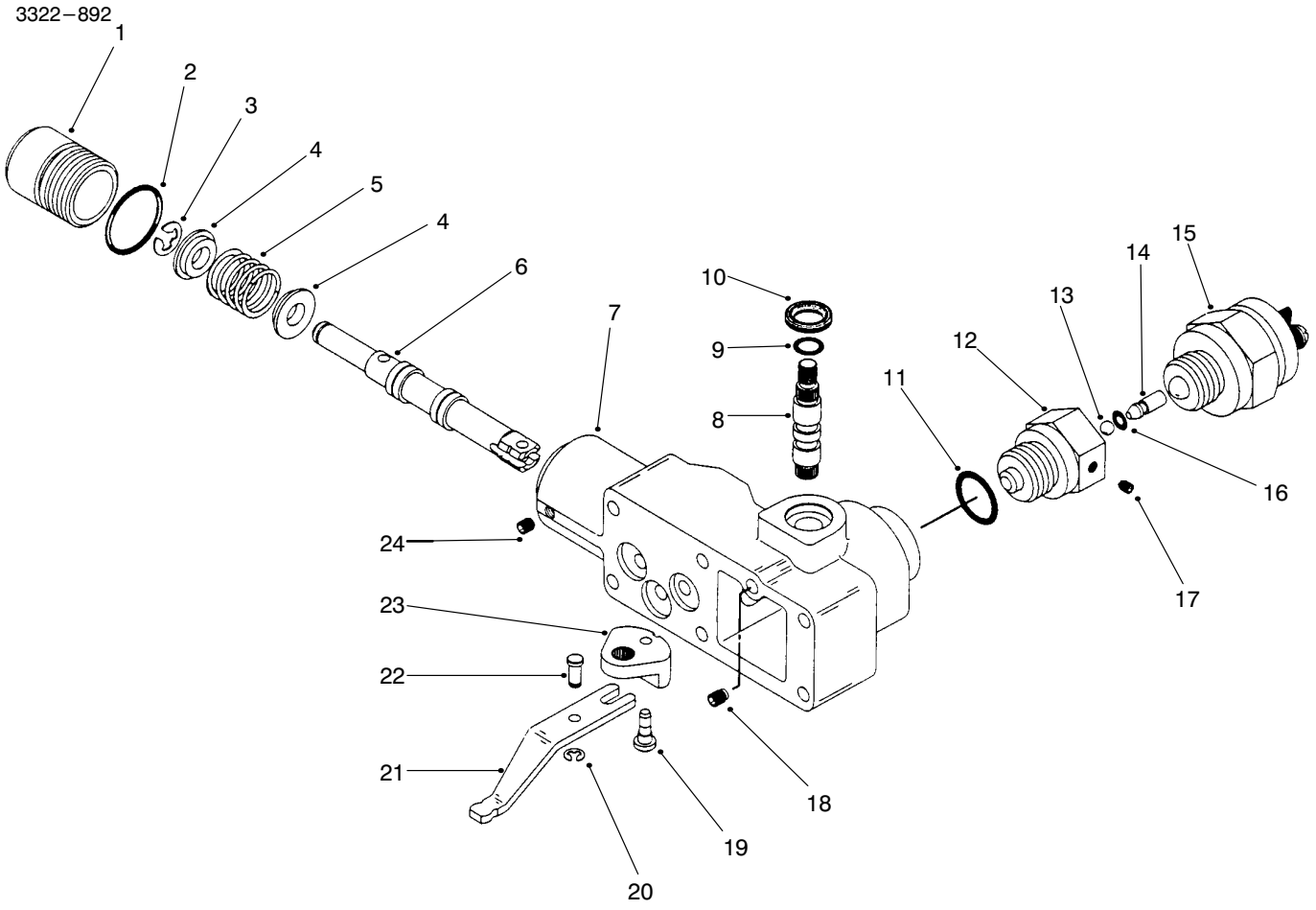
SERVO CONTROLLED PISTON PUMP ASM NO. 98–3730

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–Jam	1
29	94–3031	Arm–Control	1
30	3274–59	Screw–HS	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–HS	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.



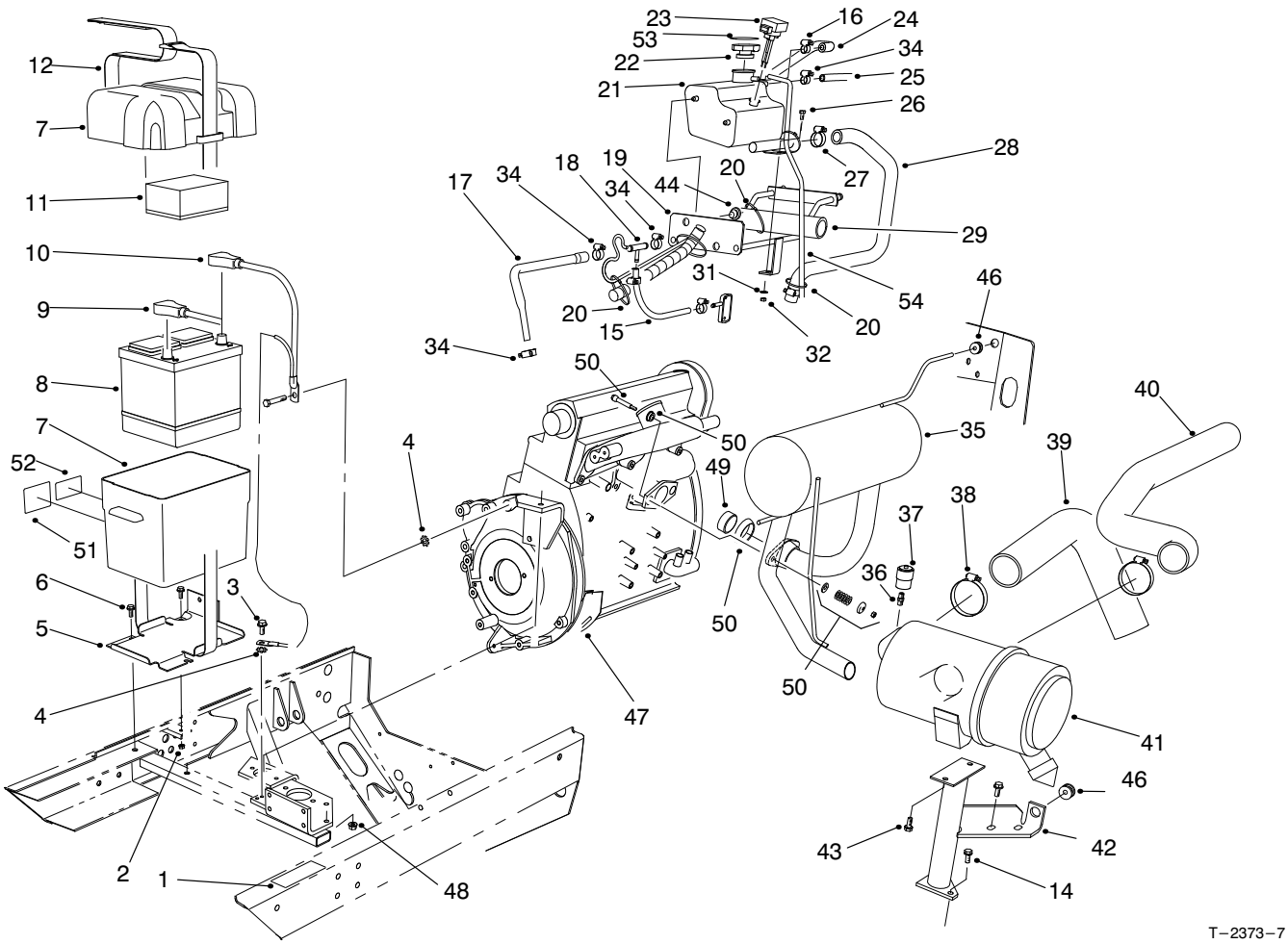
T–2119–1

MANUAL SERVO CONTROL NO. 94–3019

Ref. No.	Part No.	Description	No. Used
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



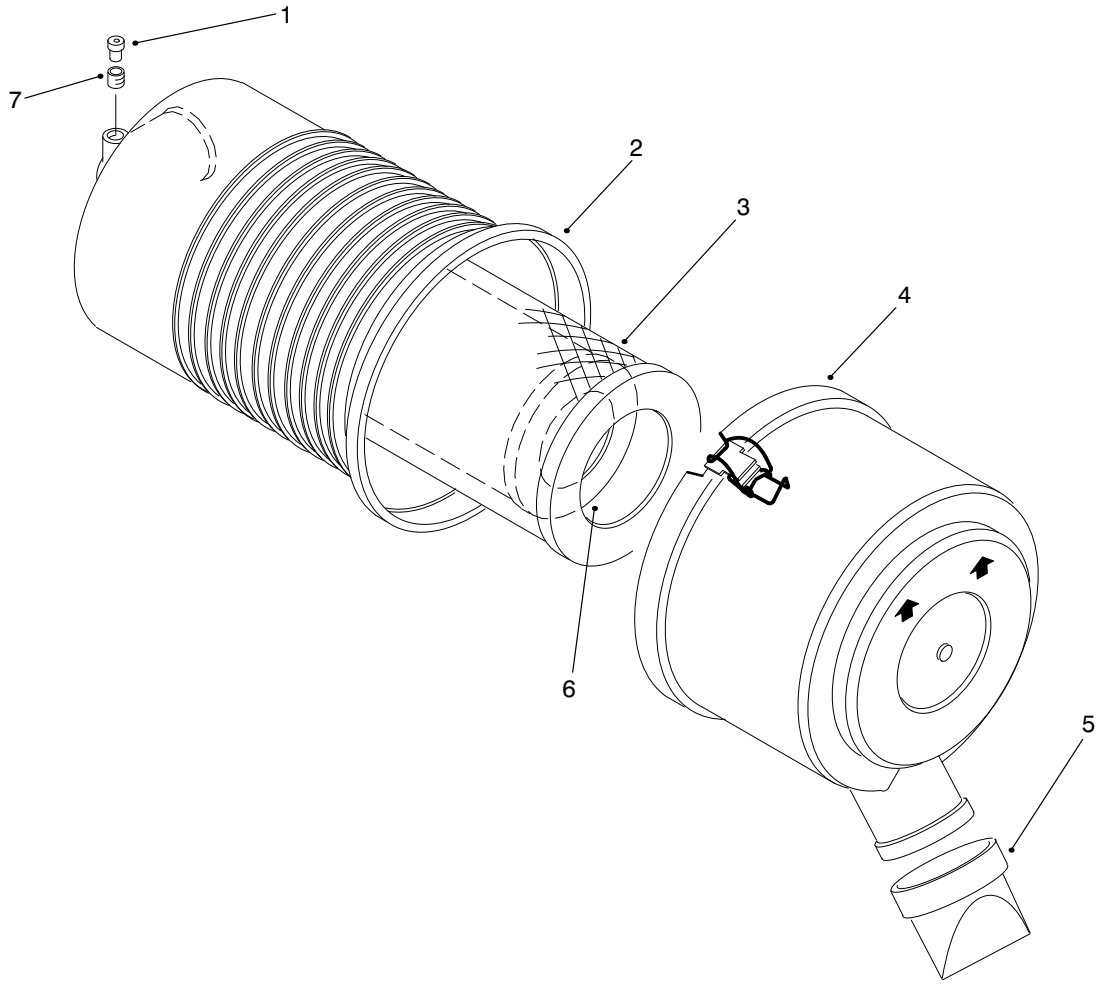
ENGINE COMPONENTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93–1265	Decal–Hot Surface	1
1	94–4578	Decal–Hot Surface (Japan)	1
2	3296–29	Nut–Lock	1
4	3255–9	Washer–Lock	2
5	93–7974	Plate–Battery, Box	1
6	3234–5	Screw–HHF	3
7	93–7595	Asm–Box, Battery	1
‡8		Battery	1
9	75–1370	Cable–Battery, Positive	1
10	94–1411	Cable–Battery, Negative	1
11	93–7968	Pad–Foam, Battery	1
12	94–1445	Strap–Battery	1
14	33105–030	Screw–HHF	2
15	63–7622	Hose–Fuel	1
16	2412–108	Clamp–Hose	3
17	94–2630	Hose–Return	1
18	93–4207	Fitting–Tee	1
19	94–1408	Wireform–Overflow	1
20	3290–378	Tie–Cable	5
†21	98–1805	Box–Degassing	1
†22	94–2800	Cap–Radiator	1
†23	94–9984	Sensor–Water Level	1
24	93–7591	Hose–Return	1
25	92–7424	Hose–Overflow, Radiator	1
26	33103–020	Screw–HHF	1
27	2412–129	Clamp–Hose	2

Ref. No.	Part No.	Description	No. Used
28	93–7589	Hose–Overflow	1
29	93–4215	Hose–Radiator, Upper Rear	1
31	33093–00	Washer	1
32	33023–00	Nut–Lock	1
34	2412–36	Clamp–Hose	4
35	93–9178	Muffler	1
*	94–2849	Muffler–Spark Arrestor	1
36	94–1416	Adapter–Indicator	1
37	93–9164	Indicator–Service	1
38	2412–125	Clamp–Hose	2
39	94–2624	Hose–Manifold	1
40	93–7584	Hose–Intake	1
41	93–7485	Asm–Filter, Air	1
42	94–8108	Support–Filter, Air	1
43	33104–016	Screw–HHF	2
†44	94–2801	Grommet–Rubber	2
46	94–2812	Grommet	2
†47	77–3600	Plate–Closing	1
48	33005–00	Nut–HHF	2
†49	94–2815	Sleeve–Exhaust Flange	1
†50	94–2814	Kit–Exhaust Coupler	1
51	93–6668	Decal–Charging (Europe)	1
52	93–7276	Decal–Danger (Europe)	1
53	93–7840	Decal–Cap (Europe)	1
54	55–4130	Hose–Fuel	1

† Furnished with engine.
‡Obtain locally.

3322–892

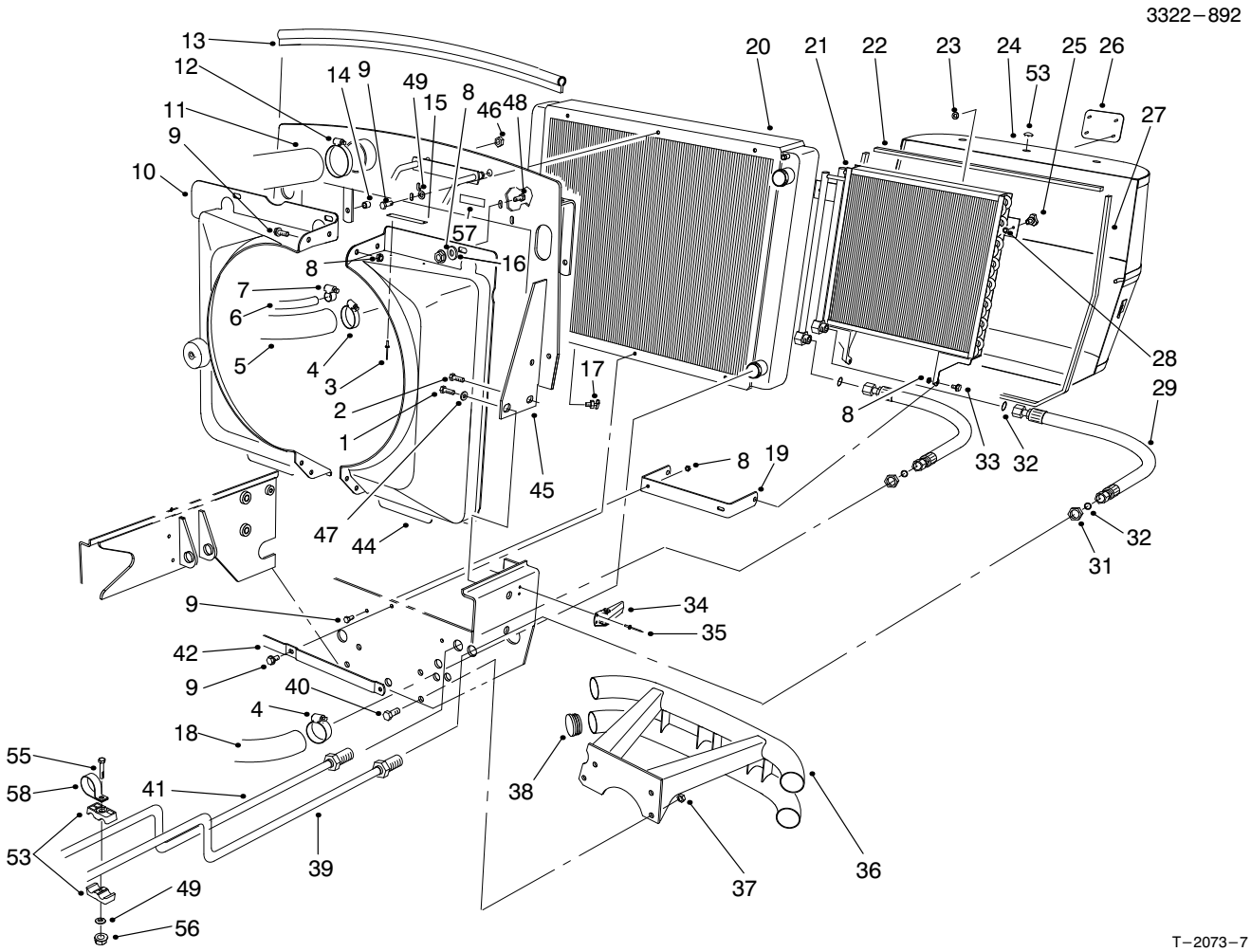


T–2076–1

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

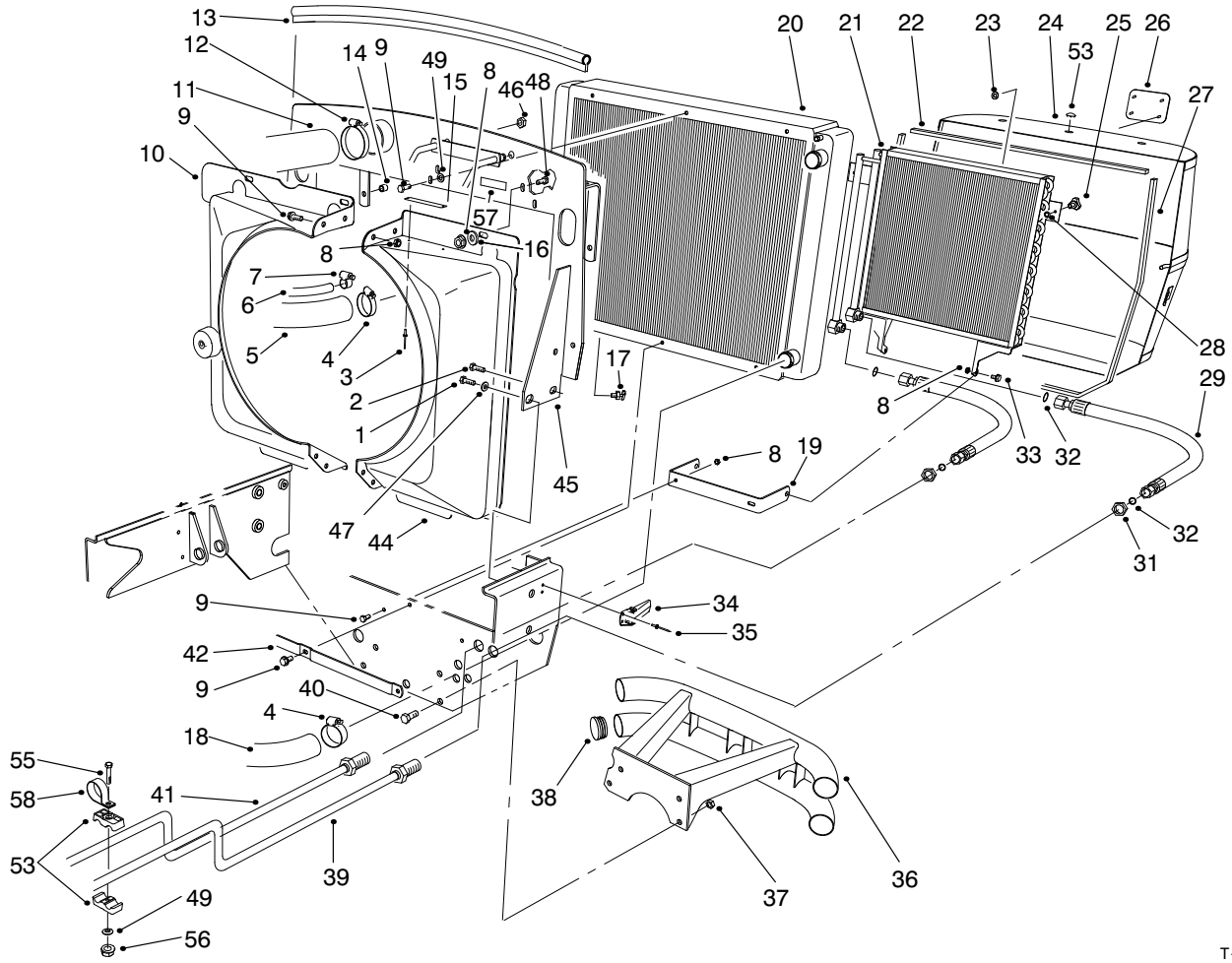
Ref. No.	Part No.	Description	No. Used
5	94–1414	Valve–Vacuator	1
6	93–9163	Filter–Safety	1
7	94–1416	Asm–Adaptor	1



RADIATOR & SHROUD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	33108–025	Screw–HHF	2
2	3234–18	Screw–HHF	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–HFH	4
9	3234–5	Screw–HHF	9
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	76–8750	Plate – Warning, Fan	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
26	93–6028	Plate–Logo, Toro	1

Ref. No.	Part No.	Description	No. Used
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 03803)	1
36	92–7623	Bumper (Model 03804)	1
37	3296–23	Nut–Lock	4
38	2410–42	Cap–Bumper (Model 03803)	2
38	2410–42	Cap–Bumper (Model 03804)	4
39	92–7493	Asm–Tube, Filter	1
40	325–5	Screw–HH	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–CARR	3
49	3256–23	Washer–Flat	4
53	2410–64	Button–Plug	3

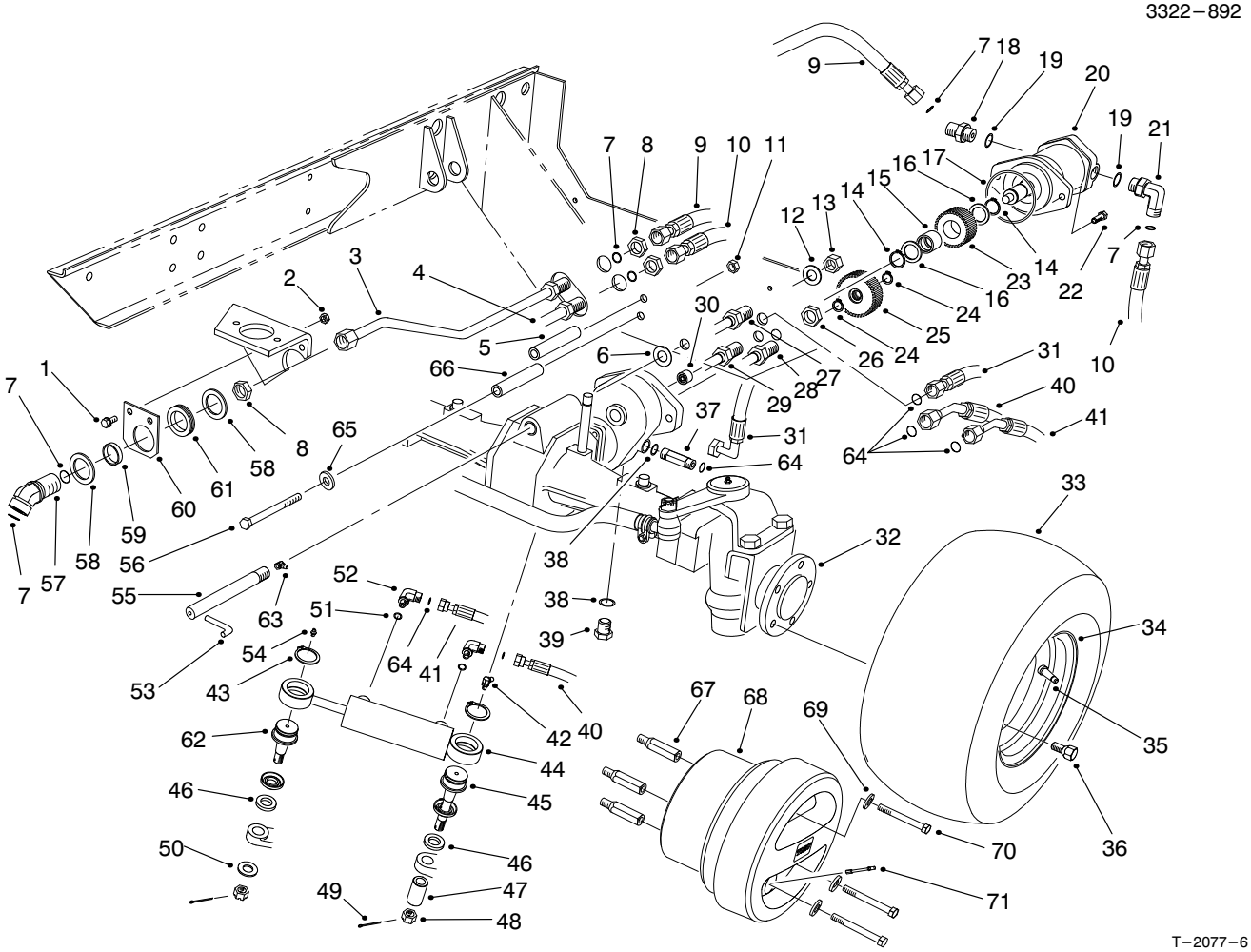


T–2073–7

RADIATOR & SHROUD ASSEMBLY (Continued)

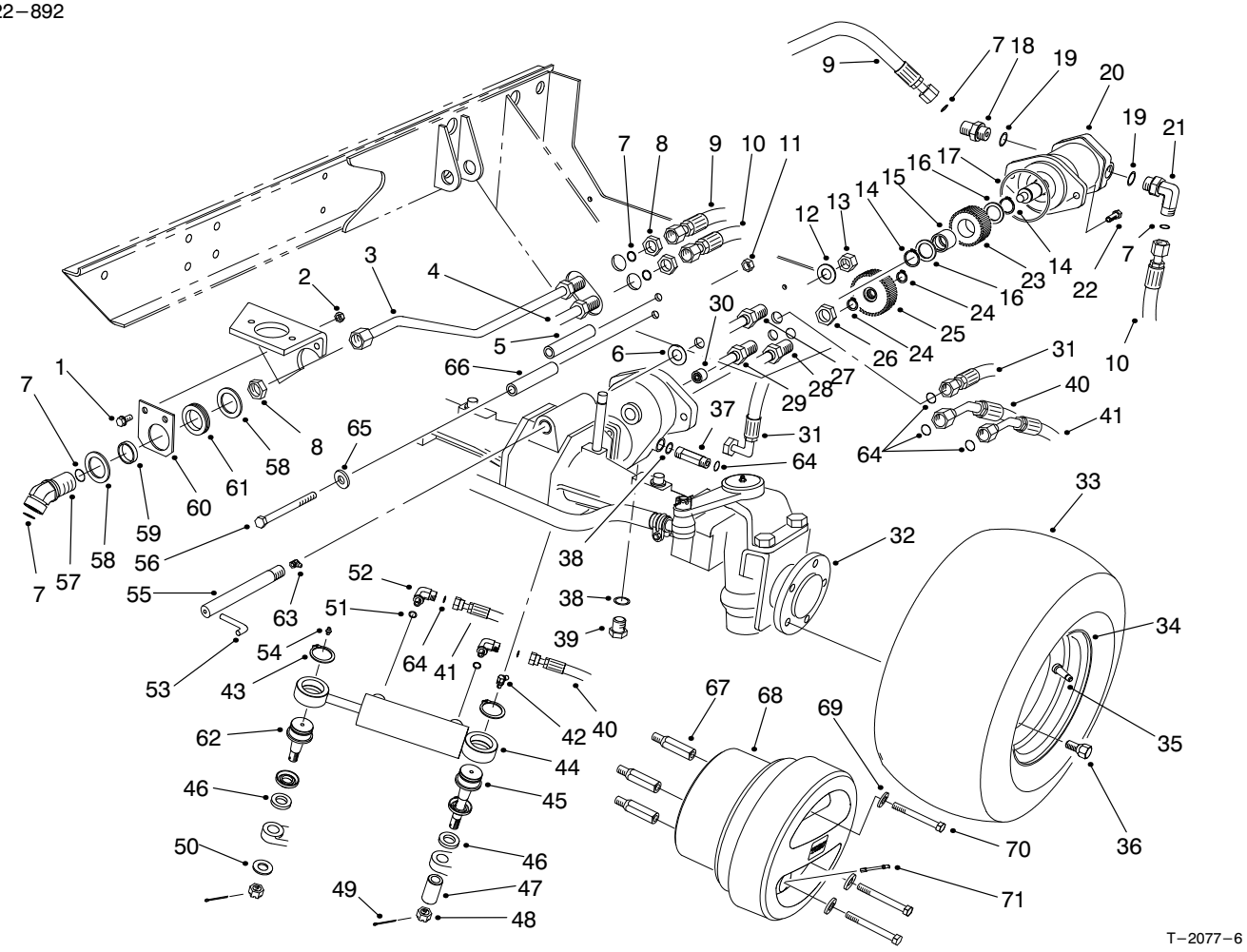
Ref. No.	Part No.	Description	No. Used
54	94–8105	Clamp–Tube	2
55	322–9	Screw–HH	1
56	3296–47	Nut–Lock	1

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



4–WD AXLE ASSEMBLY (Model No. 03804)

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

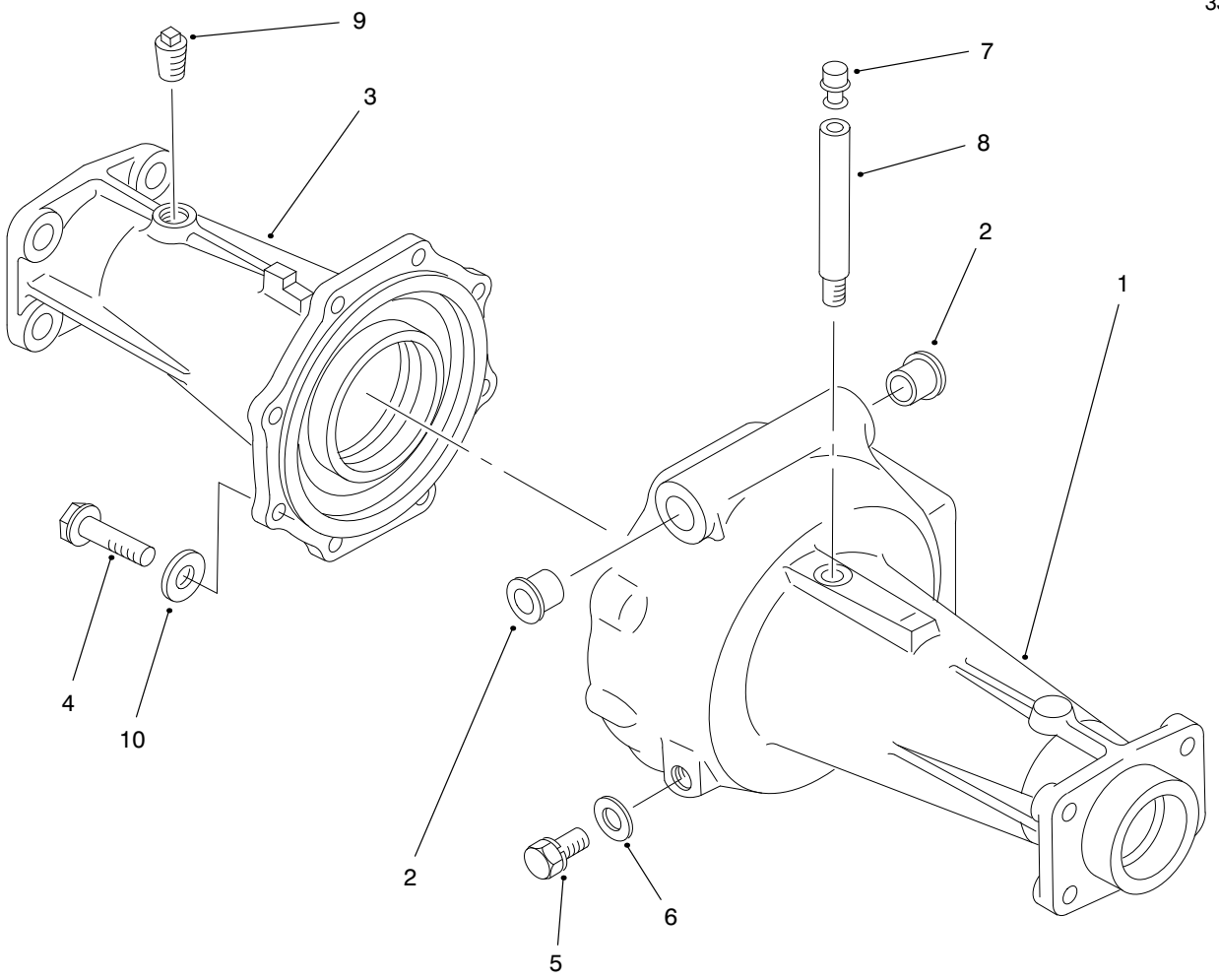


4–WD AXLE ASSEMBLY (Model No. 03804)

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

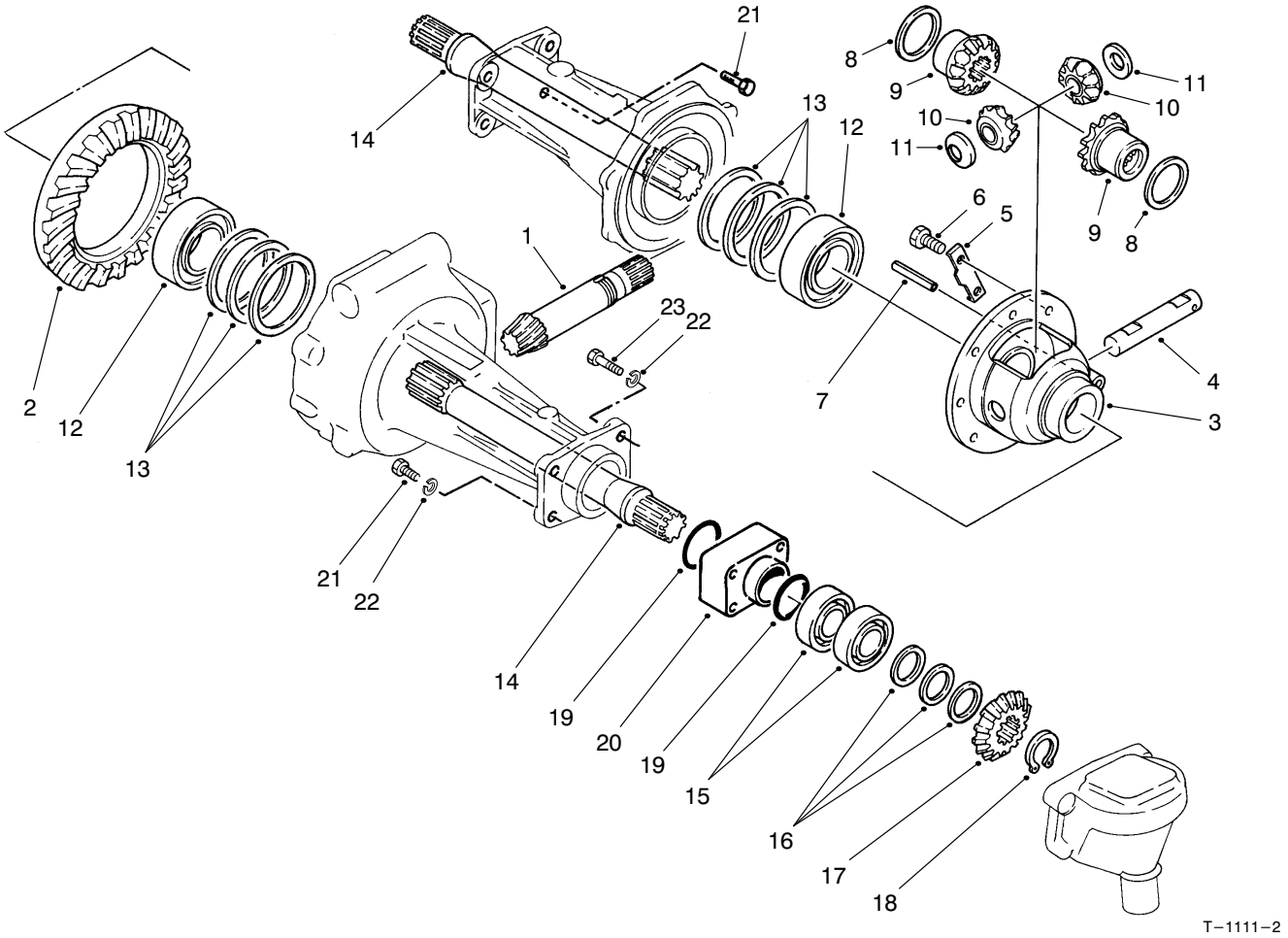


T–1112–2

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



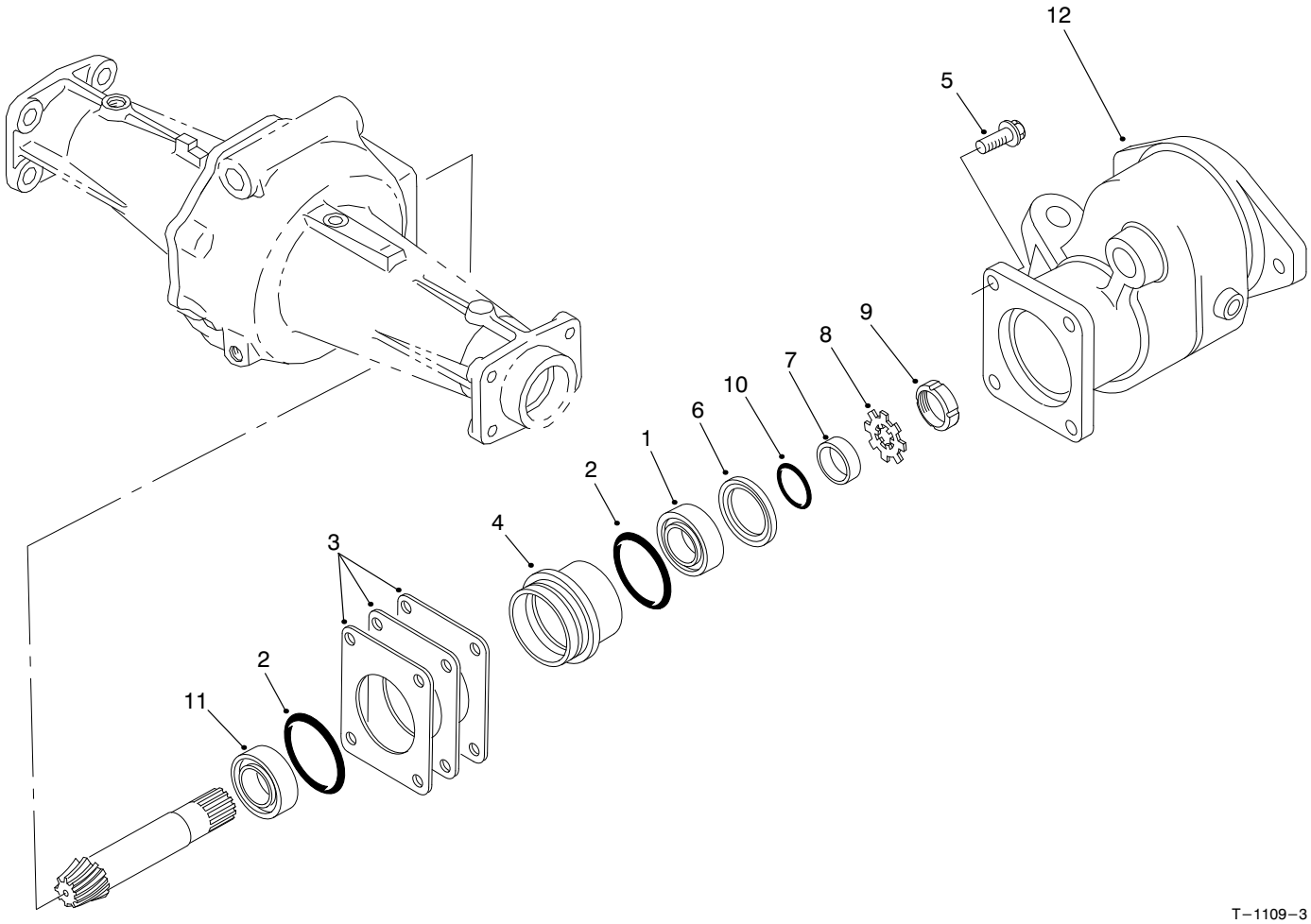
T−1111−2

DIFFERENTIAL & SHAFT ASSEMBLY
AXLE NO. 98−2447 (Model No. 03804 Only)

Ref. No.	Part No.	Description	No. Used
1	76−7250	Shaft−Drive	1
2	76−7240	Ring−Gear	1
3	76−7170	Case−Differential	1
4	76−7200	Shaft−Pinion	1
5	76−7230	Washer−Lock	4
6	76−7260	Bolt	8
7	76−7270	Pin−Spring	1
8	76−7220	Washer−Thrust	2
9	76−7190	Gear−Side	2
10	76−7180	Pinion−Mate	2
11	76−7210	Washer−Thrust	2
12	76−7280	Bearing	2
13	76−7290	Shim−0.1 mm	A/R
*	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

Ref. No.	Part No.	Description	No. Used
16	76−7520	Shim−0.1 mm	A/R
*	76−7530	Shim−0.2 mm	A/R
*	76−7540	Shim−0.4 mm	A/R
17	76−7510	Pinion−14T	2
18	76−7550	Ring−Retaining	2
19	76−7580	O−Ring	4
20	76−7590	Spacer	2
21	76−7600	Bolt−Reamer	2
22	76−7620	Washer−Lock	8
23	76−7610	Bolt	6
*	76−7160	Asm−Gear Case (Incl. Ref. #2−11)	1
*	77−4000	Shim Set (Incl. Ref. #13)	1
*	77−4020	Shim Set (Incl. Ref. #16)	1

*Not Illustrated



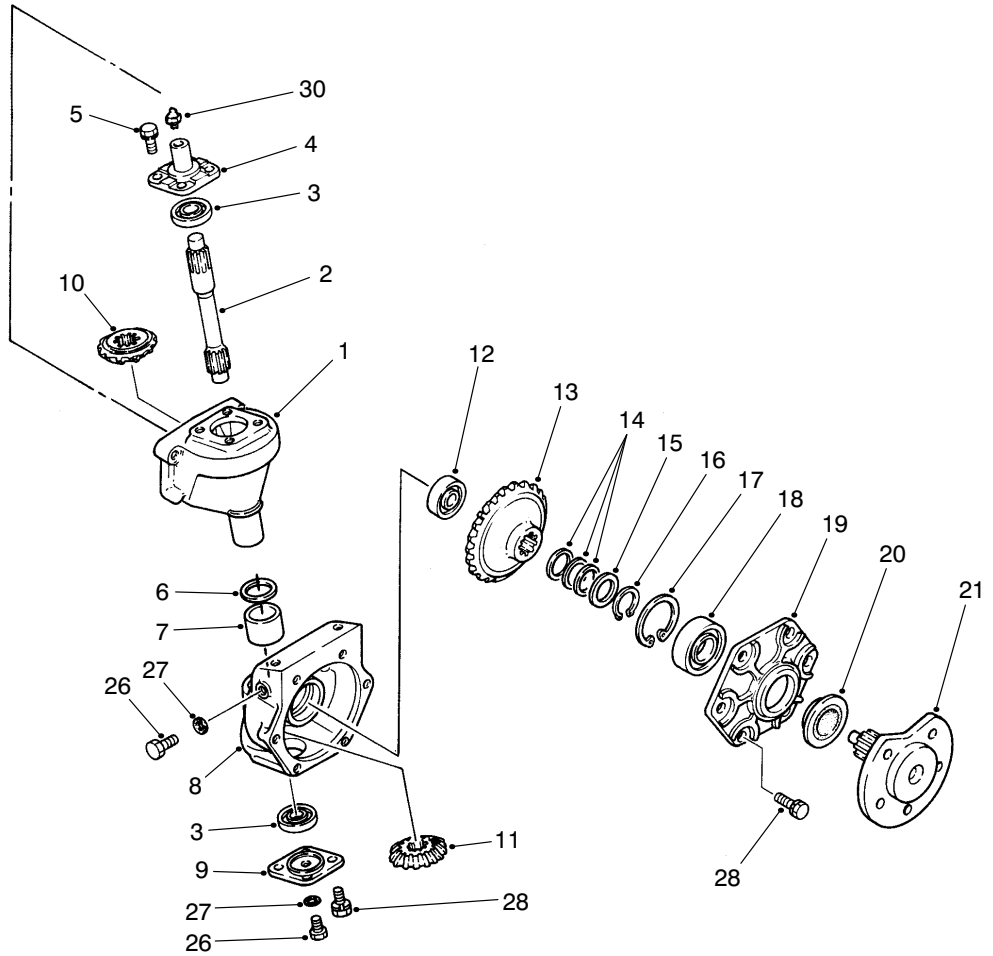
T−1109−3

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



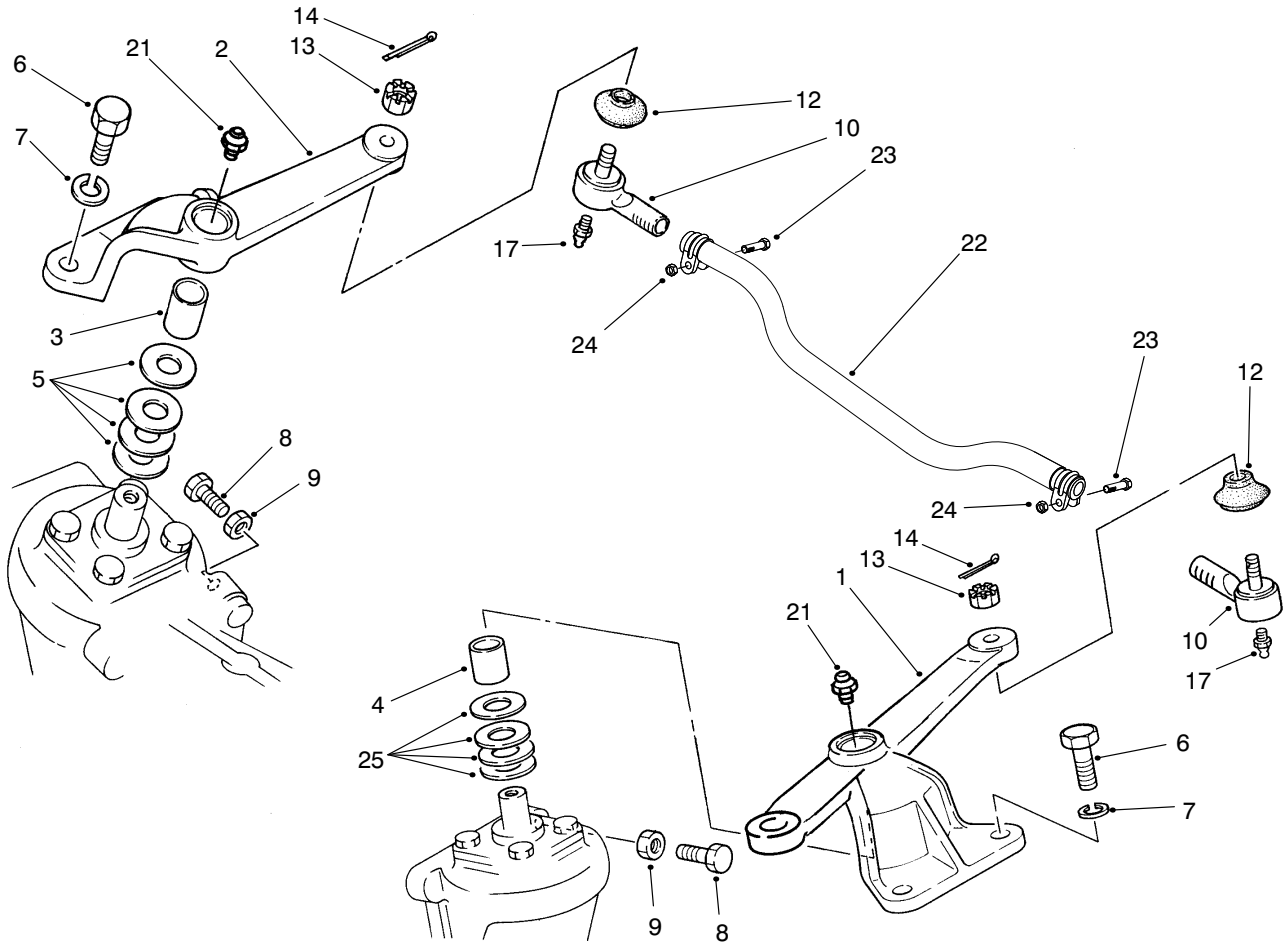
T−1110−1

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



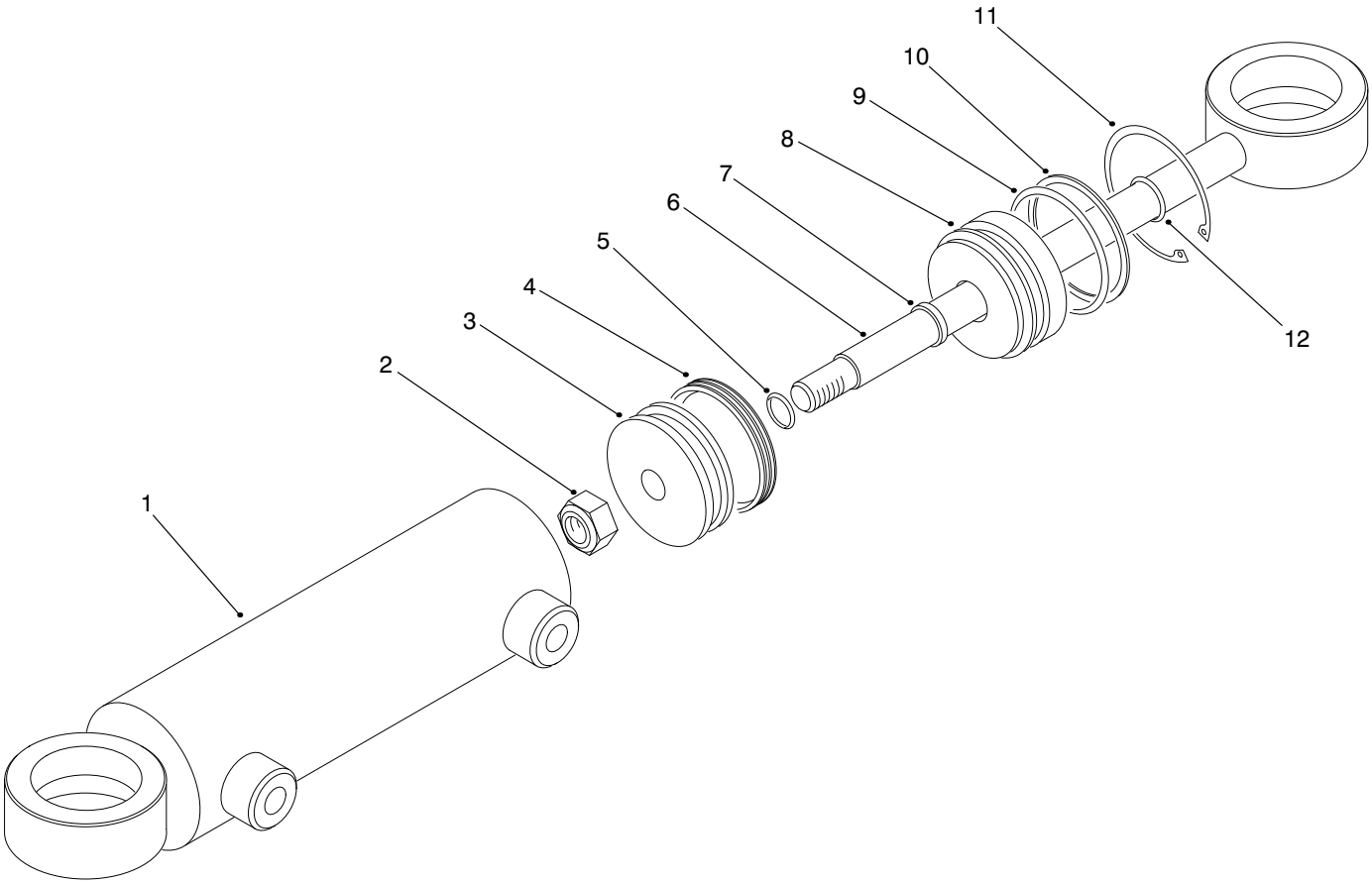
T−2937−1

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

Ref. No.	Part No.	Description	No. Used
1	98−2444	Arm−Drag Link	1
2	98−2446	Arm−Tie Rod	1
3	76−4260	Bushing	1
4	76−7950	Bushing	1
5	76−7820	Shim−1.0 mm	A/R
*	76−7970	Shim−1.4 mm	A/R
*	76−7980	Shim−1.2 mm	A/R
*	76−7990	Shim−.08 mm	A/R
6	76−8000	Bolt	4
7	76−8010	Washer	2
8	76−7710	Bolt	2
9	76−7720	Nut	4
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

Ref. No.	Part No.	Description	No. Used
17	302−55	Fitting−Grease	2
21	76−7960	Fitting−Grease	2
22	98−8841	Asm−Bar & Clamp	1
23	323−9	Screw−HH	2
24	3296−39	Nut−Lock	2
25	76−7700	Shim−0.8 mm	A/R
*	76−7760	Shim−1.0 mm	A/R
*	76−7780	Shim−1.2 mm	A/R
*	76−7790	Shim−1.4 mm	A/R
*	77−4050	Shim Set (Incl. Ref. #5)	1
*	77−4040	Shim Set (Incl. Ref. #25)	1
*	98−8838	Tie Rod−4WD (Incl. Ref. #10−13, 17 & 22−24)	1

*Not Illustrated



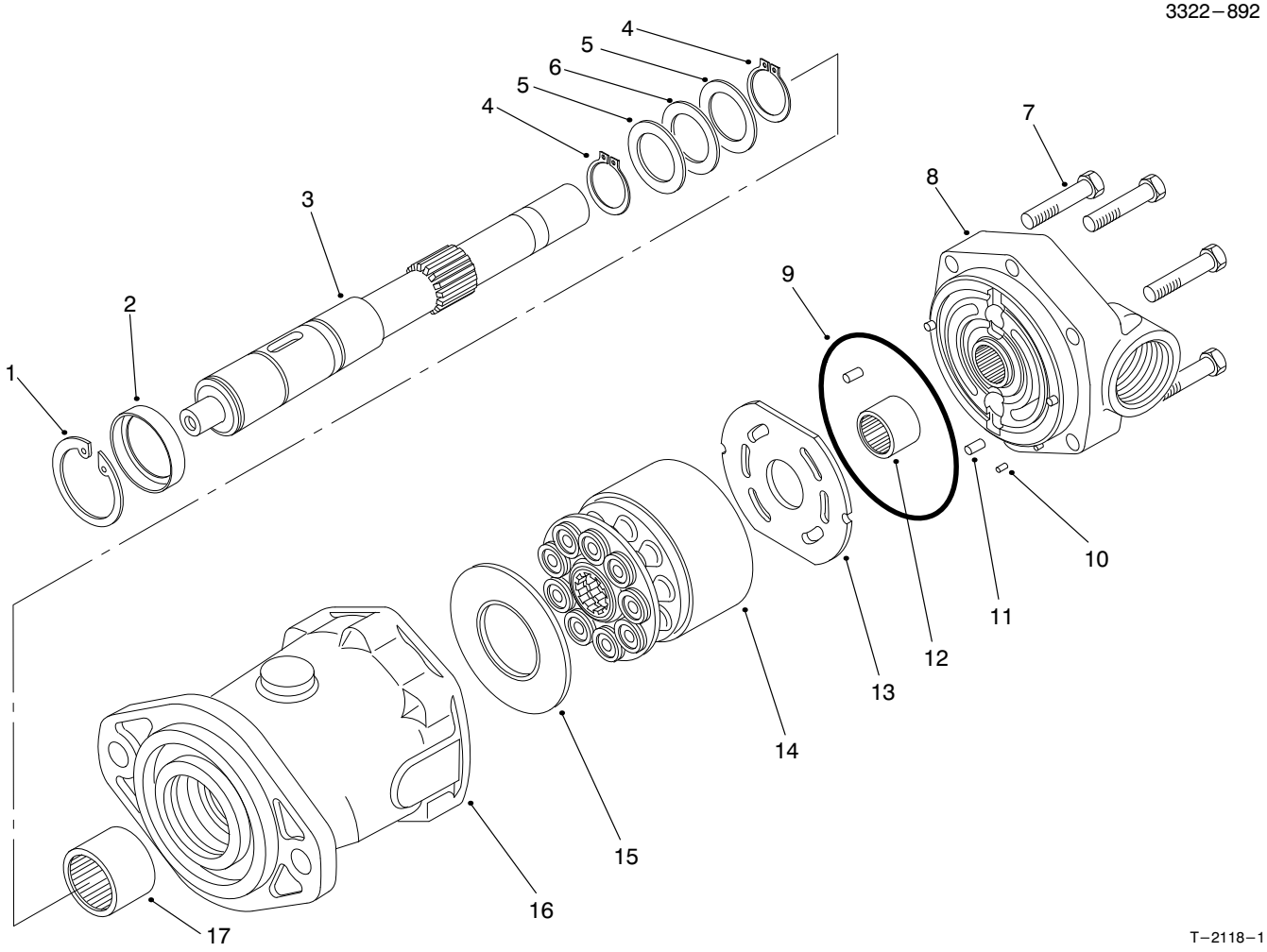
T−2452−1

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

*Not Illustrated

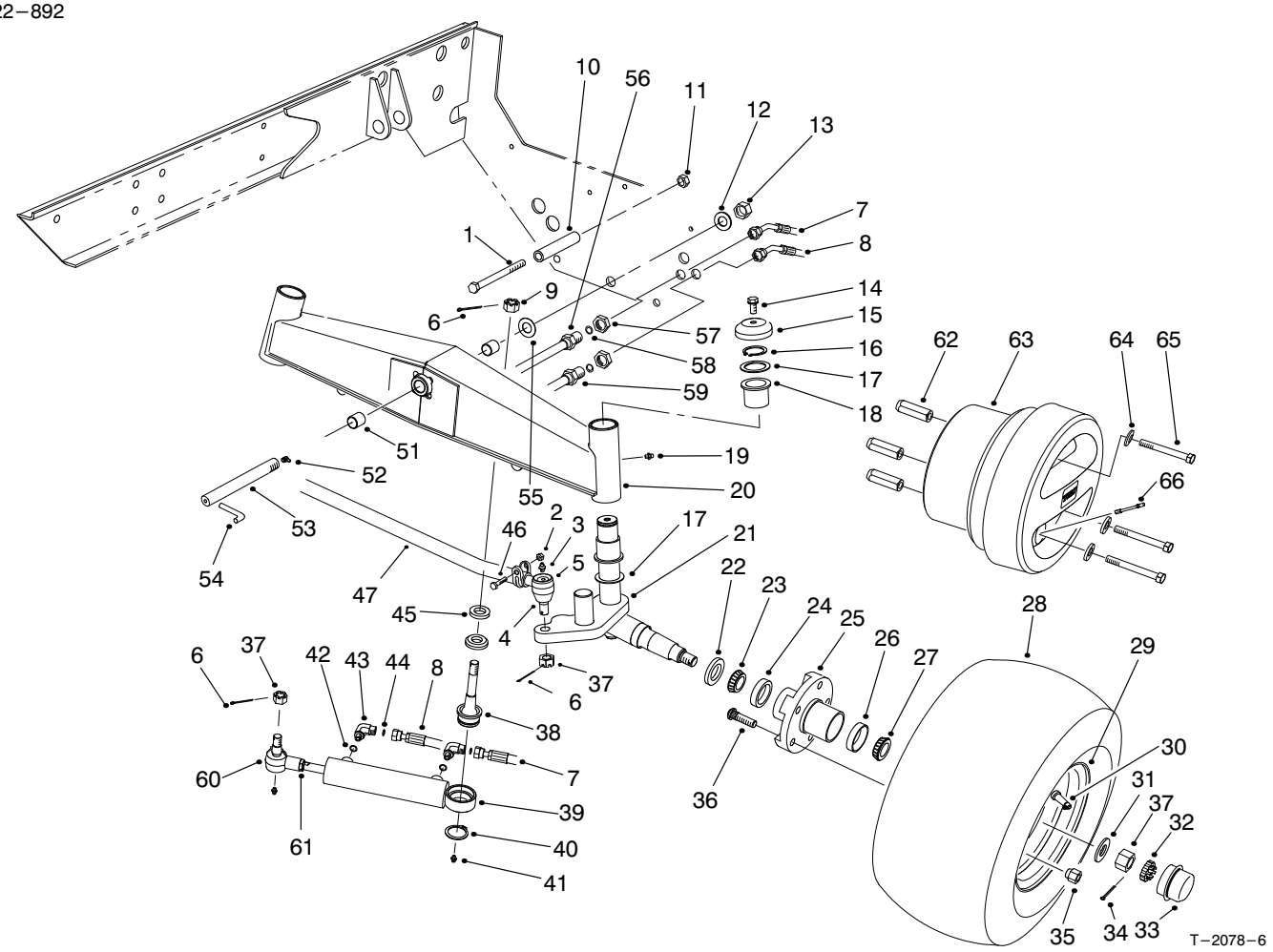


T–2118–1

4 WD HYDRAULIC MOTOR ASSEMBLY NO. 92–7386

Ref. No.	Part No.	Description	No. Used
1	76–7010	Ring–Retaining	1
2	76–7020	Spacer	1
3	76–6930	Shaft–Drive, Straight	1
4	76–7000	Ring–Retaining	2
5	76–6950	Race–Thrust	2
6	76–6960	Bearing–Thrust	1
7	94–3002	Screw–HH	6
8	94–3000	Asm–Backplate (Incl. Ref. #10–12)	1
9	76–6980	O–Ring	1

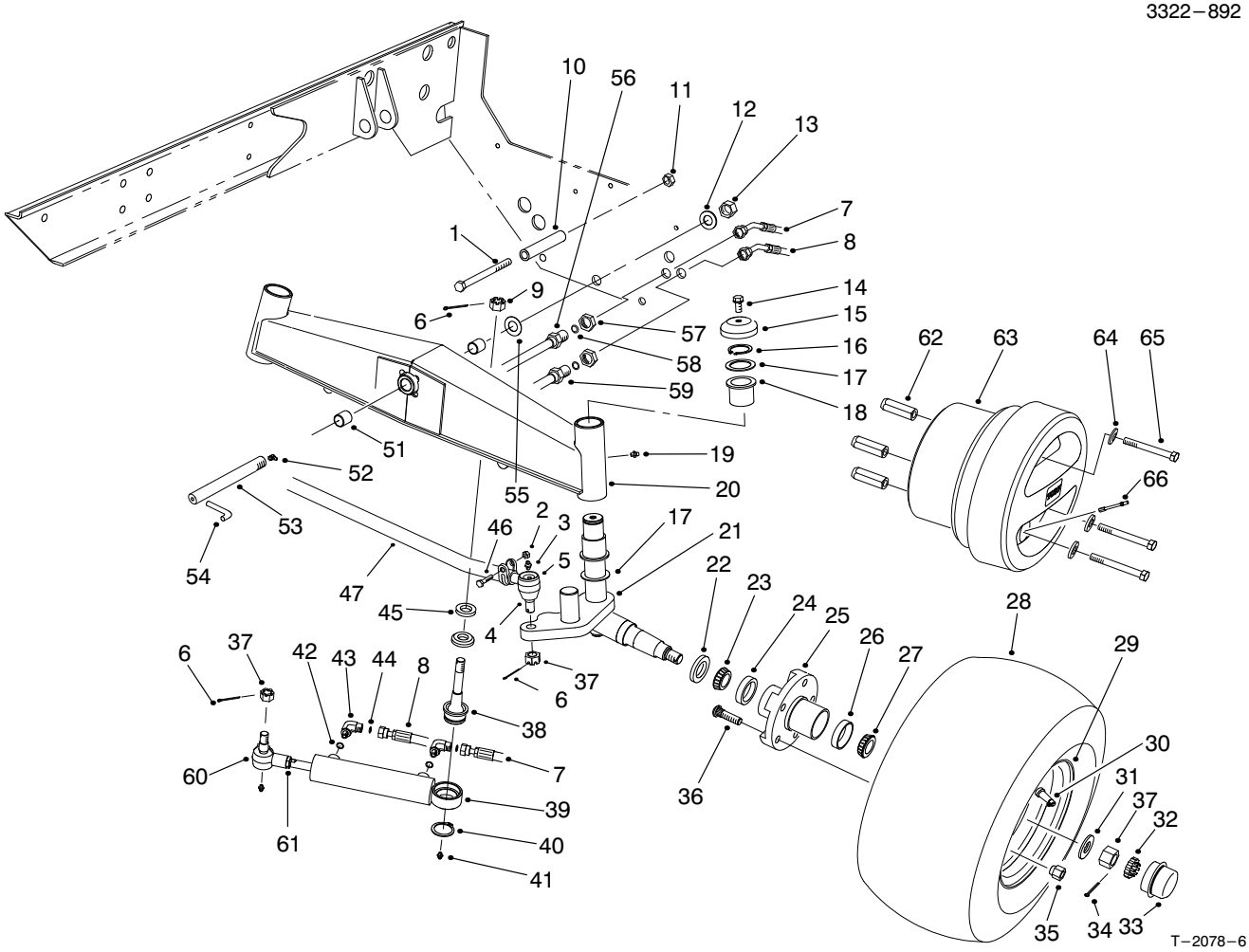
Ref. No.	Part No.	Description	No. Used
10		Pin–Dowel	3
11		Pin–Dowel	1
12		Bearing–Needle	1
13	94–3003	Plate–Valve	1
14	76–6910	Kit–Rotating	1
15	76–6970	Insert–Camplate	1
16	94–3001	Housing (Incl. Ref. #17)	1
17		Bearing–Needle	1



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

Ref. No.	Part No.	Description	No. Used
1	325–20	Screw–HH	2
2	3296–39	Nut–Lock	2
3	302–55	Fitting–Grease	2
4	71–4760	Seal	2
5	2411–45	Tie Rod End (Incl. Ref. #3–4 & 37)	2
6	3272–12	Pin–Cotter	2
7	92–7594	Asm–Hose	1
8	92–7595	Asm–Hose	1
9	32136–14	Nut–Hex. Slotted	4
10	76–8350	Stop–Axle	2
11	3296–45	Nut–Lock	2
12	3256–29	Washer–Flat	1
13	94–8000	Nut–Lock	1
14	3234–12	Screw–HHF	2
15	69–8890	Cap–Spindle	2
16	32151–10	Ring–Retaining	2
17	62–2170	Washer–Thrust	4
18	69–6470	Bushing–Flange	4
19	302–11	Fitting–Grease	2
20	94–5607	Asm–Axle, Rear (Incl. Ref. #18, 19 & 51)	1
21	92–9725	Spindle–LH	1
*	92–9724	Spindle–RH	1
22	69–2980	Seal–Inner	2
23	254–106	Cone–Bearing	2
24	254–107	Cup–Bearing	2

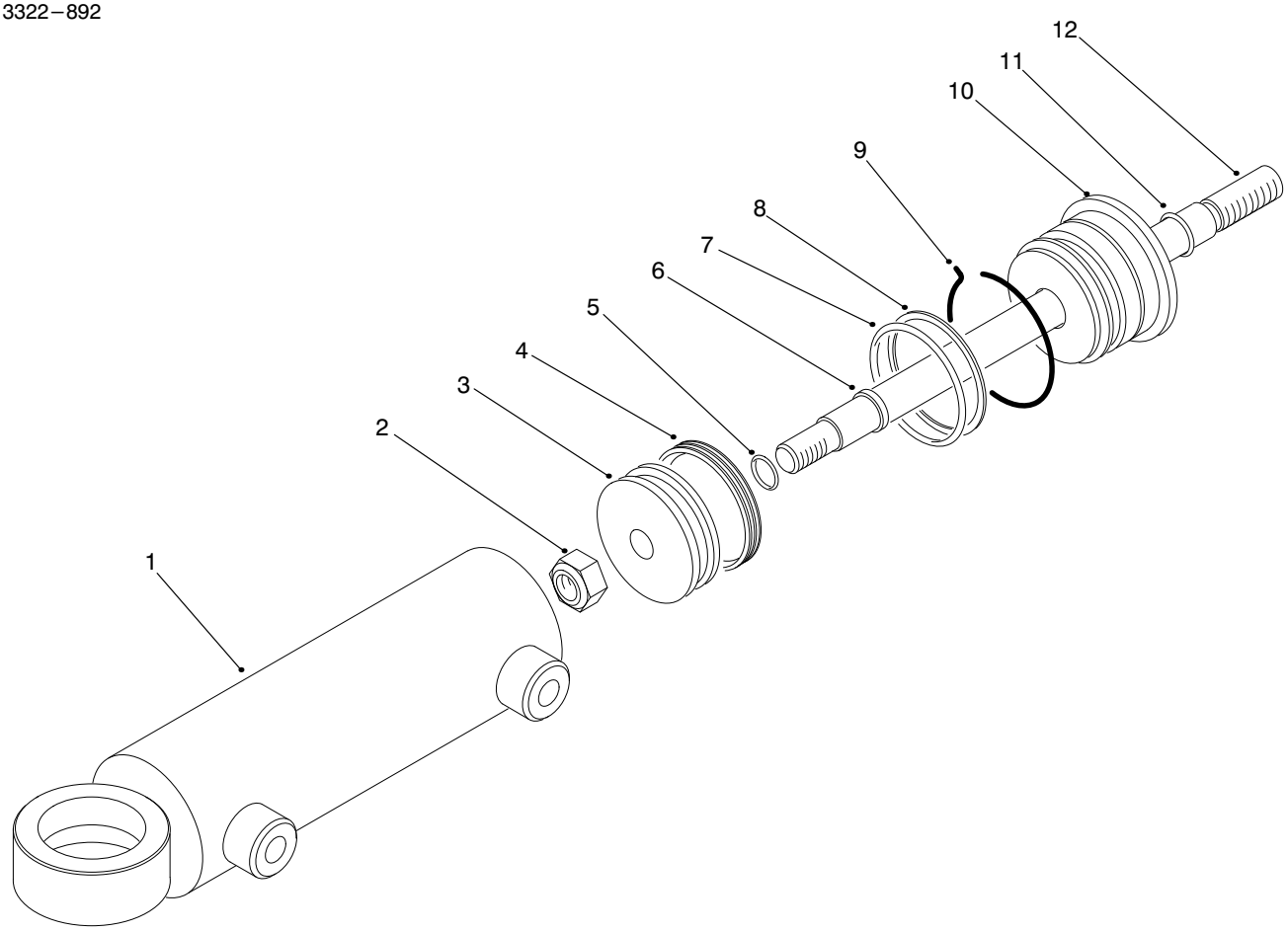
Ref. No.	Part No.	Description	No. Used
25	92–9651	Asm–Hub (Incl. Ref. #24, 26, & 36)	2
26	254–72	Cup–Bearing	2
27	254–92	Cone–Bearing	2
28	86–5910	Tire	2
29	217–125	Wheel	2
30	232–27	Stem–Valve	2
31	93–0309	Washer–Tab	2
32	93–0307	Nut–Retainer	2
33	95–7152	Protector–Bearing	2
34	3272–13	Pin–Cotter	2
35	242–50	Nut–Lug	10
36	92–9652	Stud–Drive	10
37	32136–13	Nut–Hex. Slotted	2
38	92–5839	Ball Joint	1
39	94–8142	Asm–Cylinder	1
40	94–9973	Ring–Retaining	1
41	302–5	Fitting–Grease	1
42	237–78	O–Ring	2
43	340–97	Fitting–Hydraulic 90° (Incl. Ref. #42 & 44)	2
43	340–97	Fitting–Hydraulic 90° (Incl. Ref. #42 & 44)	2
44	237–22	O–Ring	2
45	92–5833	Spacer–Ball Joint	1
46	323–9	Screw–HH	2
47	98–8840	Asm–Tube & Clamp	1



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

Ref. No.	Part No.	Description	No. Used
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
57	340–70	Nut–Bulkhead	2
58	237–22	O–Ring	2
59	92–7494	Asm–Tube, Steering Rear	1
60	92–5837	Asm–Rod End	1

Ref. No.	Part No.	Description	No. Used
61	3220–11	Nut–Jam	1
62	94–2807	Adapter–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
*	98–8839	Asm–Tie Rod (Incl. Ref. #2–5, 37, 46 & 47)	1



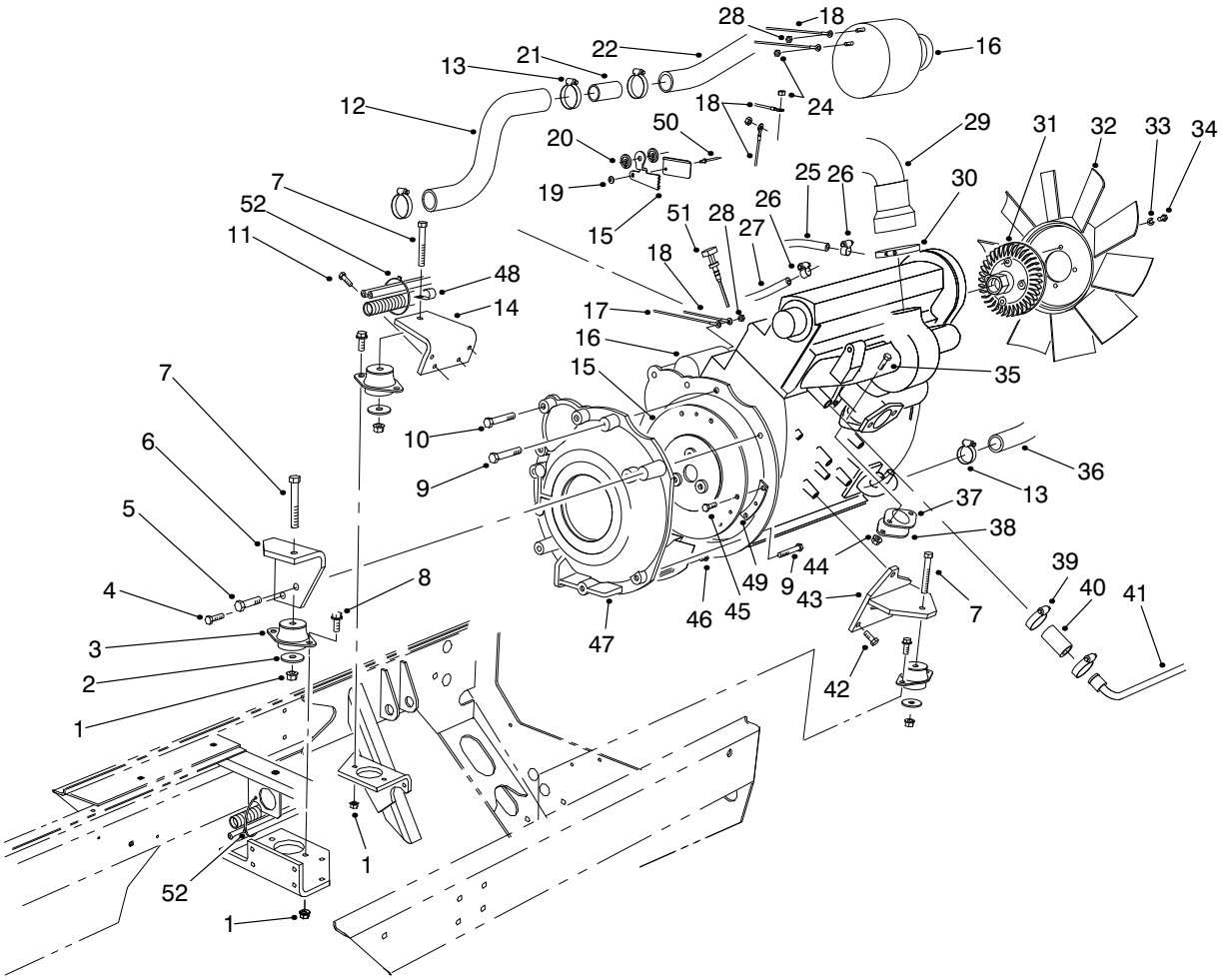
T–2453–1

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



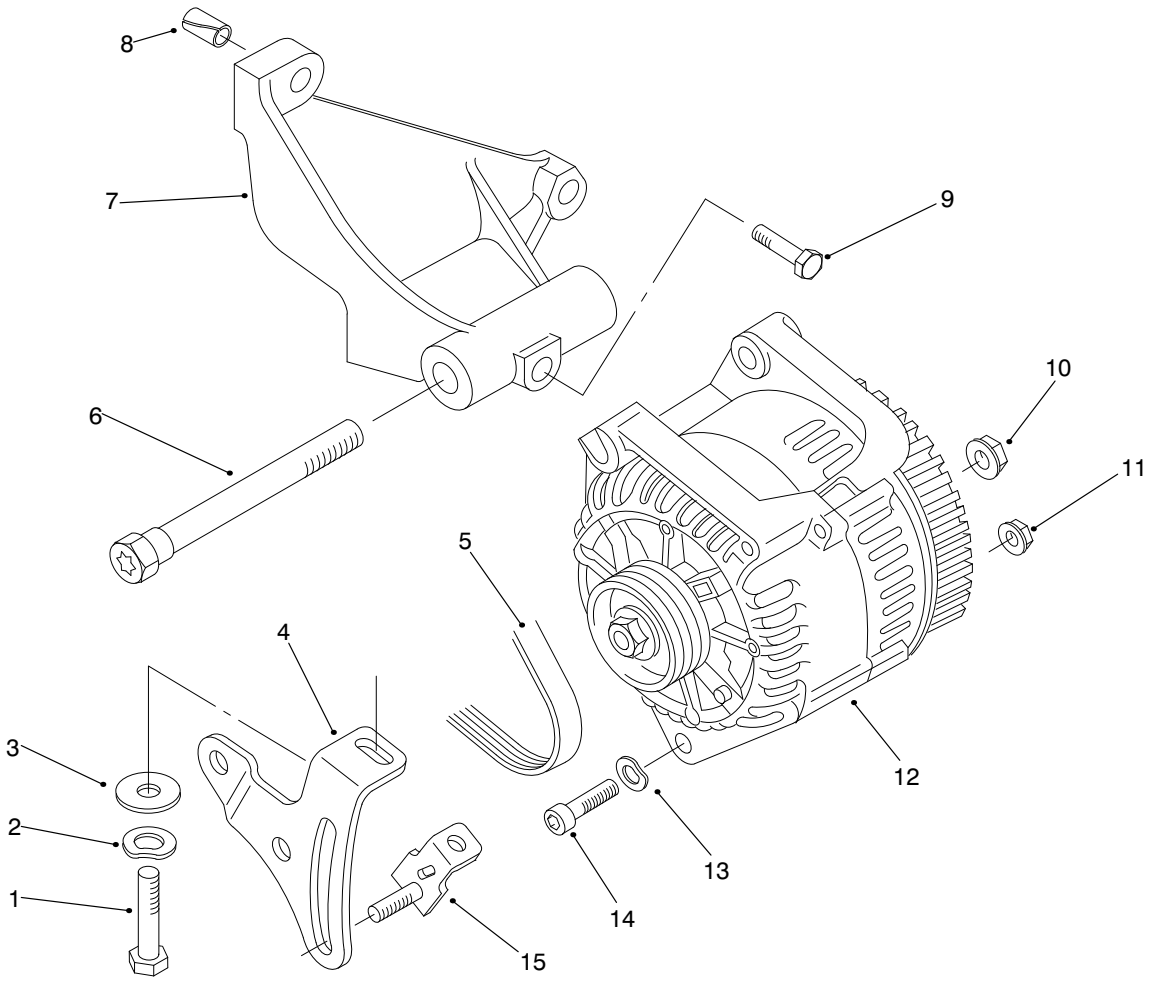
T–2074–1

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	33005–00	Nut–HHF	9
2	87–5100	Washer–Snubbing	3
3	53–9681	Mount–Rubber	3
4	48–9470	Screw	1
5	48–7840	Screw–HH	1
6	92–7425	Support–Mount, Engine	1
7	33105–070	Screw–HHF	3
8	33105–030	Screw–HHF	6
9	48–7570	Screw–HH	3
10	48–7810	Screw–HH	3
11	66–3160	Screw	4
12	94–1418	Hose–Radiator, Upper	1
13	2412–3	Clamp–Hose	4
14	92–7429	Mount–Motor, RH	1
15	94–1421	Coupling–Center, Spring	1
16	93–4233	Asm–Engine	1
17	75–1370	Cable–Battery, Positive	1
18	99–8963	Harness–Wire, Main	1
*	94–9967	Circuit Breaker–50 Amp	1
*	94–9968	Circuit Breaker–100 Amp	1
19	3256–49	Washer–Flat	1
20	86–2990	Mount–Cable, Throttle	2
21	93–7594	Spacer–Tubular	1
22	93–4215	Hose–Radiator, Upper Rear	1
24	48–7880	Nut	3
25	92–7521	Hose–Fuel	1
26	2412–108	Clamp–Hose	2

Ref. No.	Part No.	Description	No. Used
27	63–7627	Hose–Fuel	1
28	48–7930	Nut–Hex.	2
29	94–2624	Hose–Manifold	1
30	2412–125	Clamp–Hose	1
31	92–7466	Clutch–Fan	1
32	74–3650	Fan–Engine	1
33	3253–4	Washer–Lock	4
34	322–3	Screw–HH	4
35	33104–020	Screw–HHF	2
36	92–7463	Hose–Radiator, Lower	1
37	77–3700	Gasket–Exhaust, Manifold	1
38	92–7382	Cover–Manifold	1
39	2412–129	Clamp–Hose	4
40	74–6490	Hose–Water Line	2
41	92–7381	Tube–Water, Return	1
42	48–7780	Screw–HH	3
43	92–7426	Mount–Motor	1
44	33004–00	Nut–HHF	2
45	48–7700	Screw–HH	6
46	48–7610	Screw–HH	3
47	82–5120	Adapter–Pump To Engine	1
48	2412–150	J–Clip	1
49	92–1422	Spacer–Coupler	3
50	3290–282	Rivet–Pop	1
51	93–9176	Dipstick–Peugeot	1
52	3290–378	Tie–Cable	2

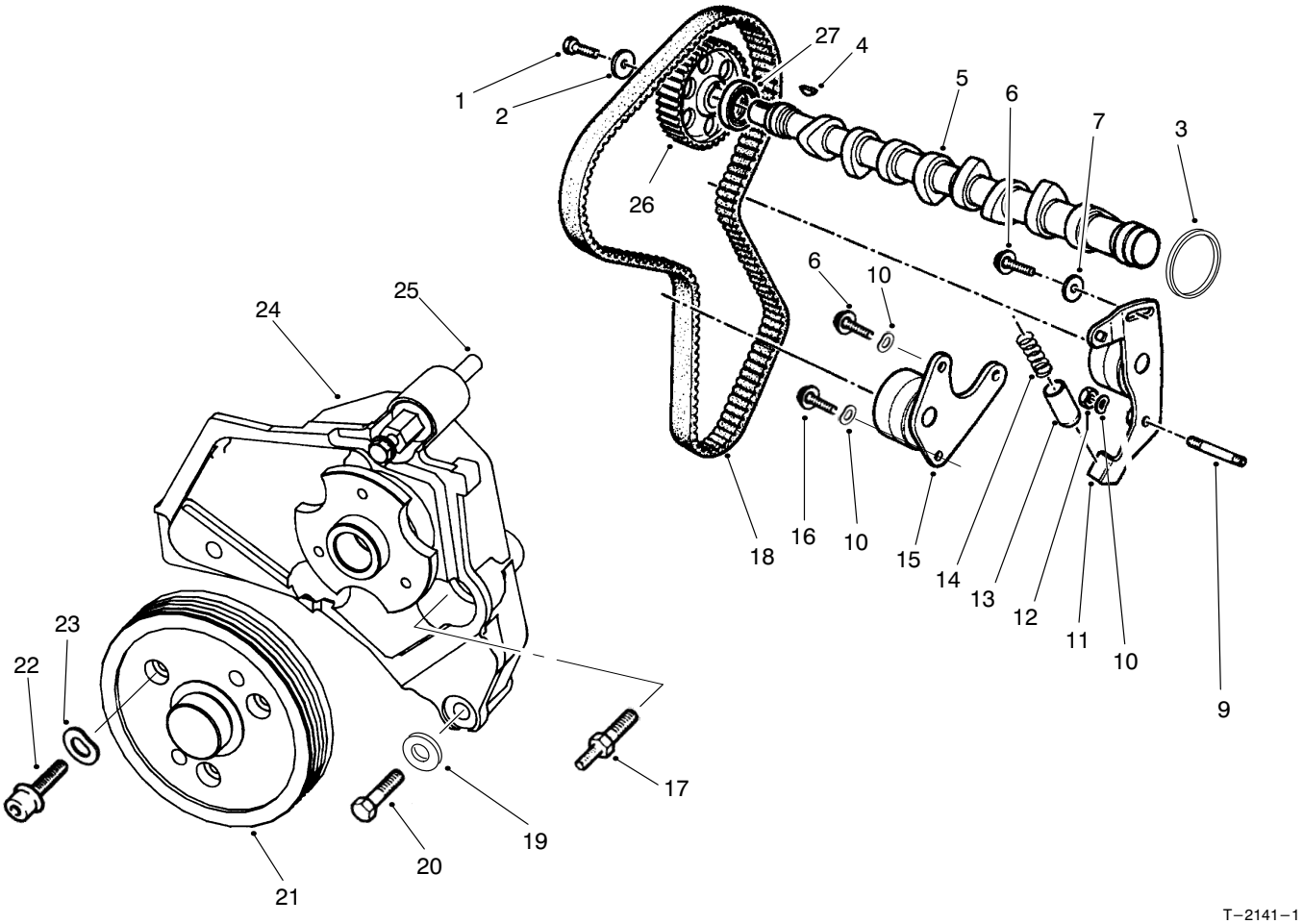
*Not Illustrated



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

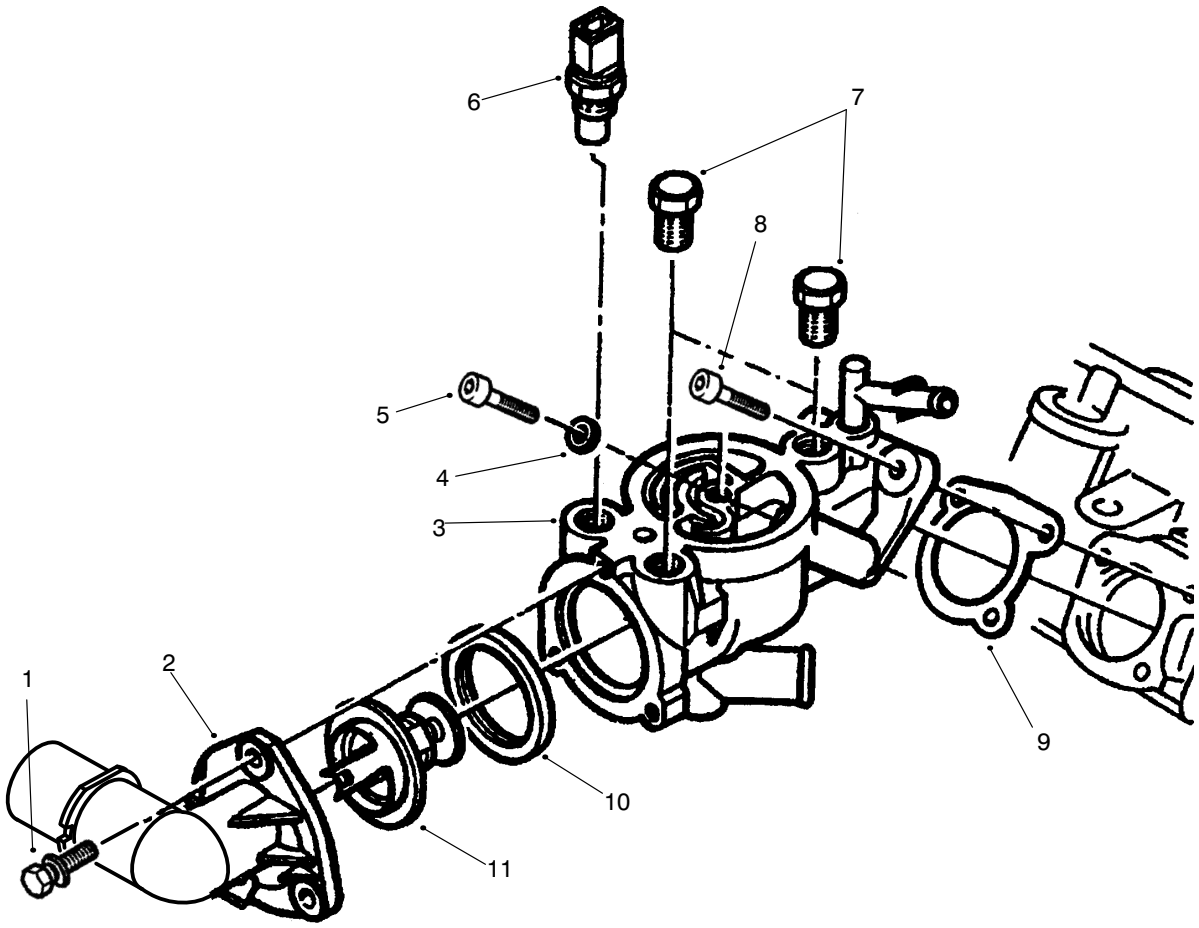


T−2141−1

CAMSHAFT & FAN SUPPORT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	98−9968	Screw	2
2	77−3450	Washer	2
3	77−3420	Gasket	1
4	99−9967	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	98−9966	Gear−Camshaft	1
27	94−9994	Gasket−Camshaft	1

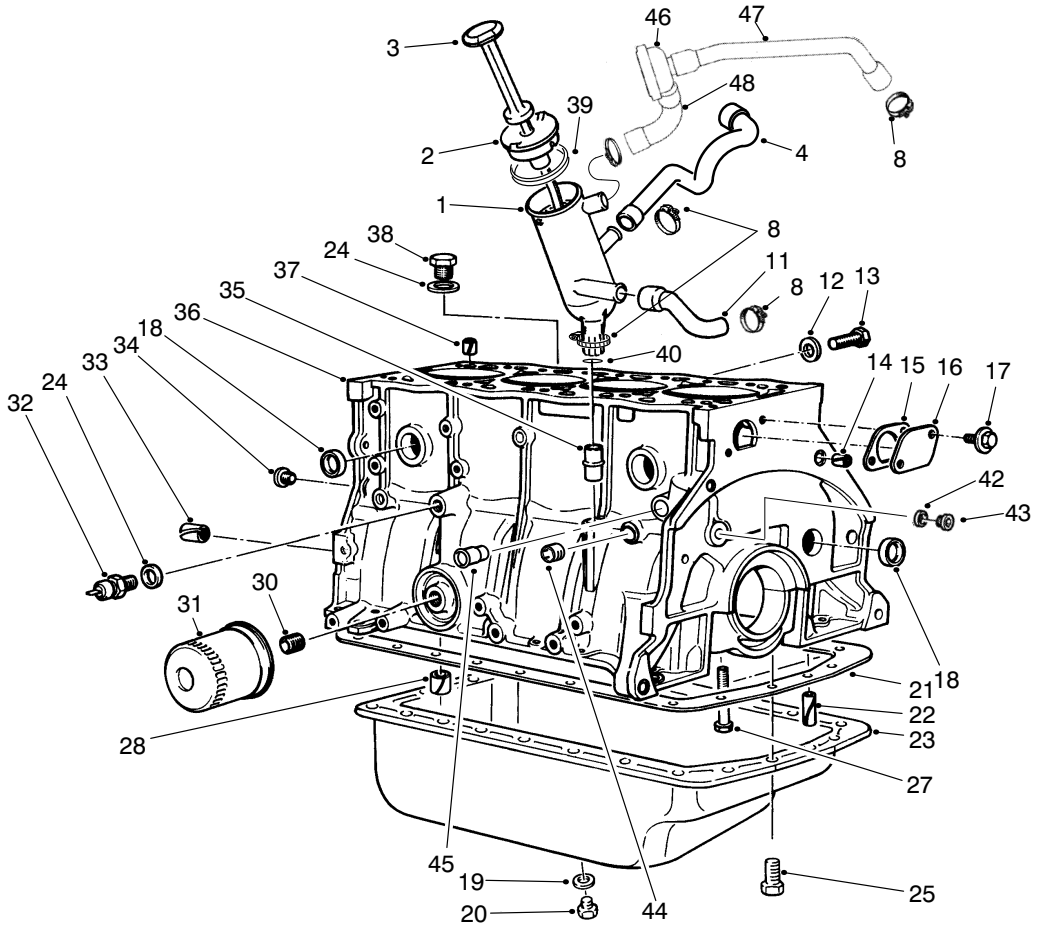


T−2143−3

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



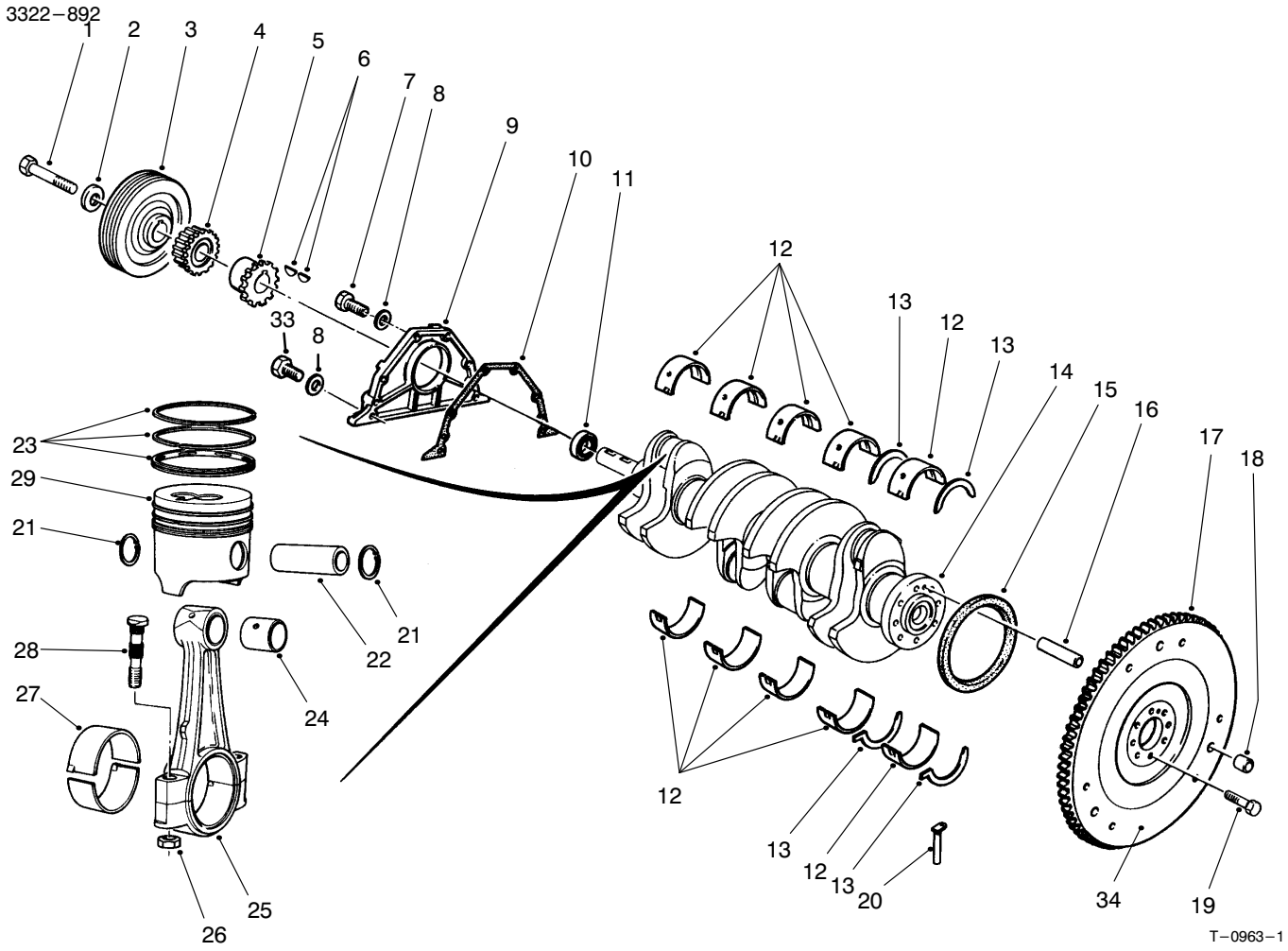
T–2142–3

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94–3181	Oil Filler (Incl. Ref. 39)	1
2	94–3182	Plug	1
3	93–9176	Dipstick–Oil	1
4	94–3184	Union	1
8	2412–129	Clamp–Hose	8
11	74–7770	Hose–Crankcase	1
12	74–7780	Gasket	1
13	74–7790	Screw	1
14	94–3102	Pin	2
15	74–7810	Gasket–Plate	1
16	74–7820	Plate	1
17	94–3112	Screw–Washer Hd.	2
18	74–7840	Plug–27 mm Dia.	8
*	94–3108	Plug–27.5 mm Dia.	8
*	94–3109	Plug–28.5 mm Dia.	9
19	74–7320	Gasket	1
20	74–7310	Plug–Threaded	1
21	74–7380	Gasket–Oil Pan	1
22	94–3111	Pin–Groove	2
23	74–7300	Pan–Oil	1
24	94–3107	Gasket	2
25	74–7330	Screw–HH	23
26	77–3790	Plug–Drain	1

Ref. No.	Part No.	Description	No. Used
27	74–7930	Screw–Bearing Cap	10
28	74–7940	Bushing–Spring	1
29	74–7950	Screw–Plate	6
30	74–7960	Stud–Filter	1
31	74–7970	Filter–Oil	1
32	94–3180	Switch–Pressure	1
33	74–7990	Pin–Spring	4
34	74–8000	Plug	2
35	74–8010	Guide–Dipstick	1
36	94–3100	Asm–Short Block (Incl. Pistons next page)	1
37	74–8030	Pin–Spring	1
38	94–3105	Plug–Drain	1
39	94–3183	Gasket	1
40	94–3186	O–Ring	1
42	94–3106	Gasket	2
43	94–3104	Plug–Threaded	2
44	94–3103	Plug–Threaded	1
45	94–3110	Stud	1
46	94–3190	PCV Valve	1
47	94–3192	Union	1
48	94–3191	Union	1
*	94–3101	Gasket Set (Without Head Gasket)	1

*Not Illustrated

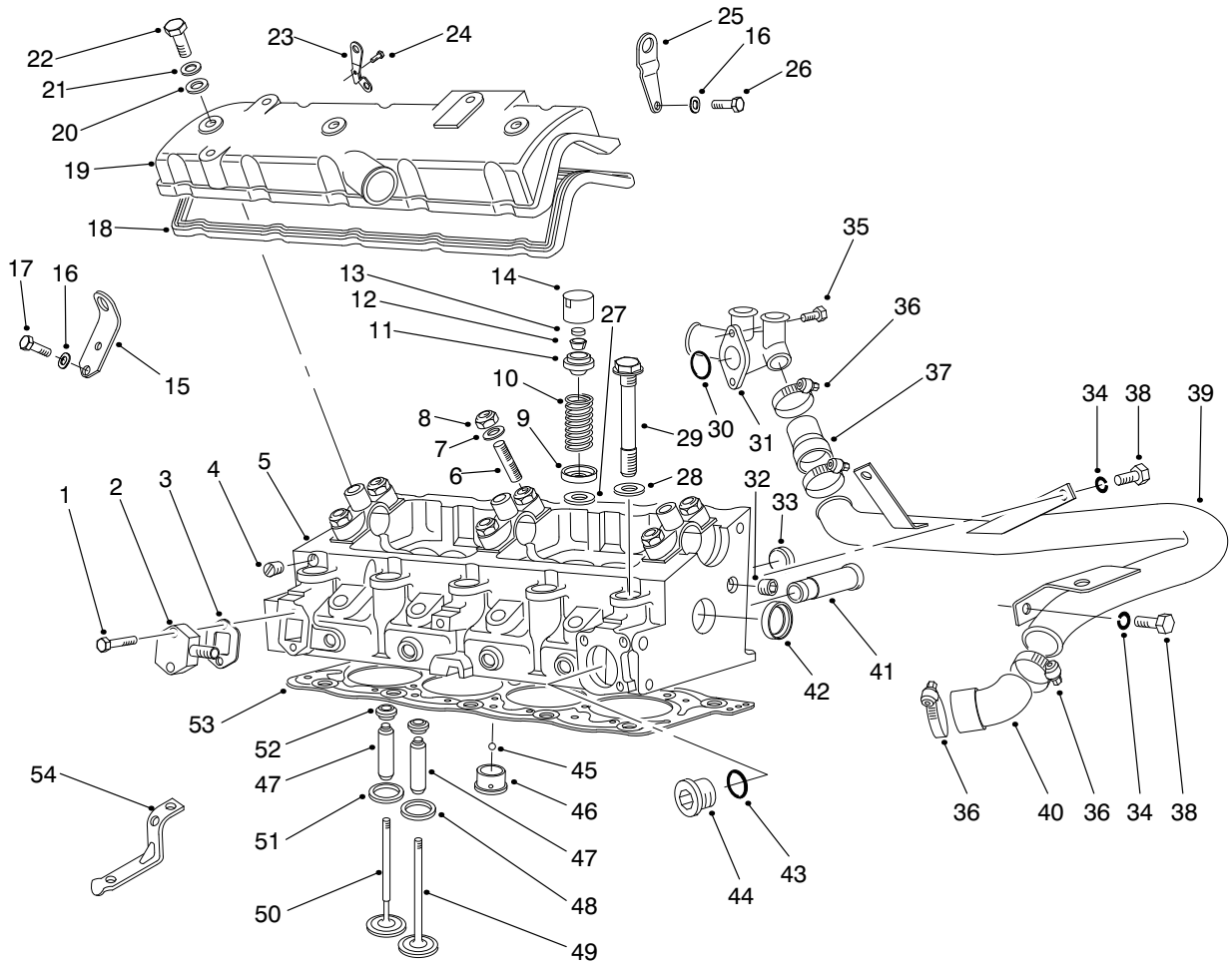


CRANKSHAFT ASSEMBLY

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

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

*Not Illustrated



T–2148–4

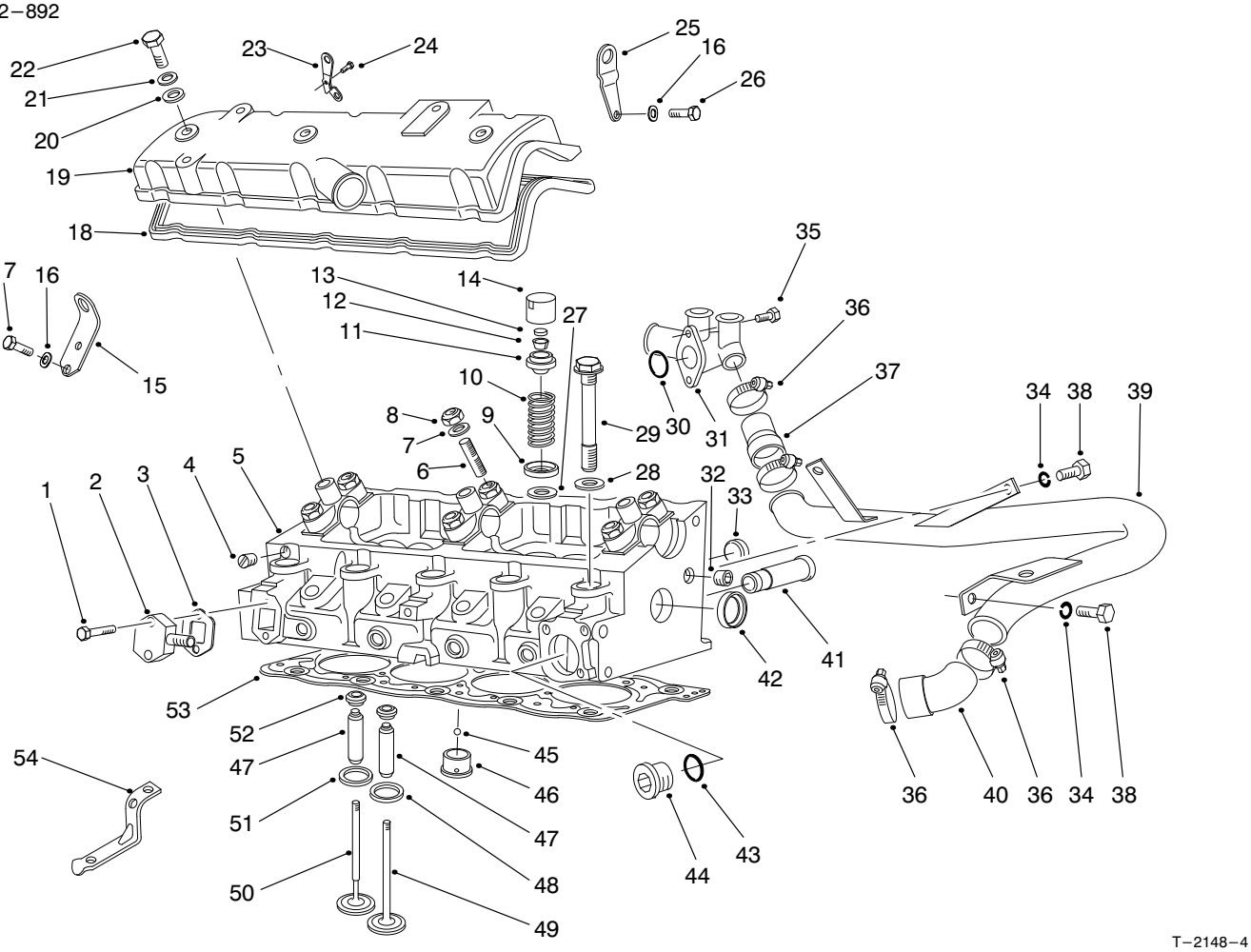
CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94–3123	Screw–HH	2
2	94–3117	Plate	1
3	94–3116	Gasket	1
4	74–7600	Plug	4
5	94–3113	Asm–Cylinder Head	1
6	76–5130	Stud	6
7	74–8900	Washer–Flat	6
8	94–3115	Nut–Lock	6
9	74–6570	Cup–Lower Valve Spring	8
10	74–6560	Spring–Valve	8
11	74–6550	Cup–Upper Valve Spring	8
12	74–7240	Collar–Split	16
13	74–6580	Insert–Valve (1.650 mm)	8
*	74–6590	Insert–Valve (1.725 mm)	8
*	74–6600	Insert–Valve (1.800 mm)	8
*	74–6610	Insert–Valve (1.900 mm)	8
*	74–6620	Insert–Valve (1.975 mm)	8
*	74–6630	Insert–Valve (2.050 mm)	8
*	74–6640	Insert–Valve (2.125 mm)	8
*	74–6650	Insert–Valve (2.225 mm)	8
*	74–6660	Insert–Valve (2.250 mm)	8
*	74–6670	Insert–Valve (2.275 mm)	8
*	74–6680	Insert–Valve (2.300 mm)	8
*	74–6690	Insert–Valve (2.325 mm)	8
*	74–6700	Insert–Valve (2.350 mm)	8
*	74–6710	Insert–Valve (2.375 mm)	8

Ref. No.	Part No.	Description	No. Used
13	74–6720	Insert–Valve (2.400 mm)	8
*	74–6730	Insert–Valve (2.425 mm)	8
*	74–6740	Insert–Valve (2.450 mm)	8
*	74–6750	Insert–Valve (2.475 mm)	8
*	74–6760	Insert–Valve (2.500 mm)	8
*	74–6770	Insert–Valve (2.525 mm)	8
*	74–6780	Insert–Valve (2.550 mm)	8
*	74–6790	Insert–Valve (2.575 mm)	8
*	74–6800	Insert–Valve (2.600 mm)	8
*	74–6810	Insert–Valve (2.625 mm)	8
*	74–6820	Insert–Valve (2.650 mm)	8
*	74–6830	Insert–Valve (2.675 mm)	8
*	74–6840	Insert–Valve (2.700 mm)	8
*	74–6850	Insert–Valve (2.725 mm)	8
*	74–6860	Insert–Valve (2.750 mm)	8
*	74–6870	Insert–Valve (2.775 mm)	8
*	74–6880	Insert–Valve (2.800 mm)	8
*	74–6890	Insert–Valve (2.825 mm)	8
*	74–6900	Insert–Valve (2.850 mm)	8
*	74–6910	Insert–Valve (2.875 mm)	8
*	74–6920	Insert–Valve (2.900 mm)	8
*	74–6930	Insert–Valve (2.925 mm)	8
*	74–6940	Insert–Valve (2.950 mm)	8
*	74–6950	Insert–Valve (2.975 mm)	8
*	74–6960	Insert–Valve (3.000 mm)	8
*	74–6970	Insert–Valve (3.025 mm)	8

*Not Illustrated

3322−892



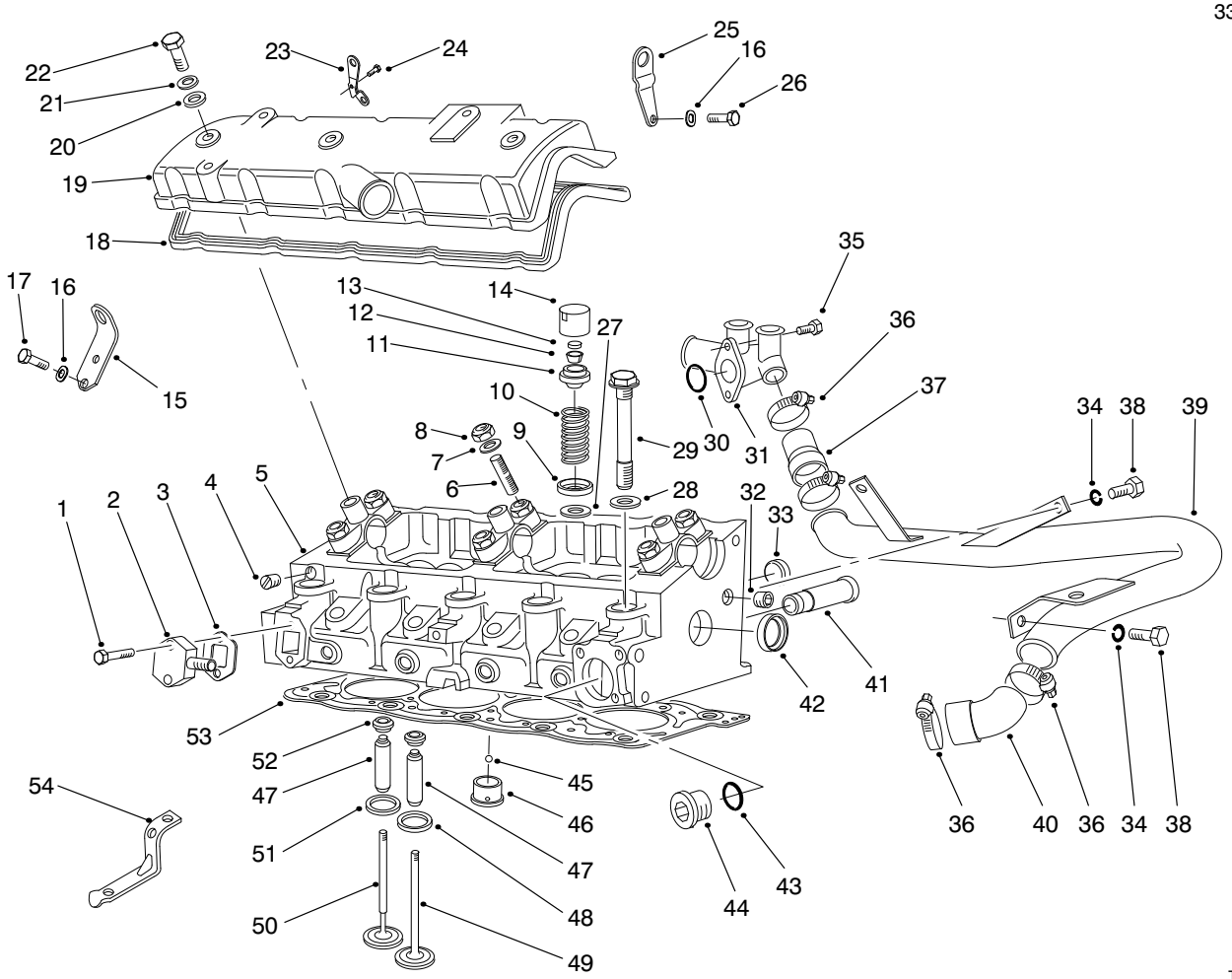
T−2148−4

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

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

*Not Illustrated



T–2148–4

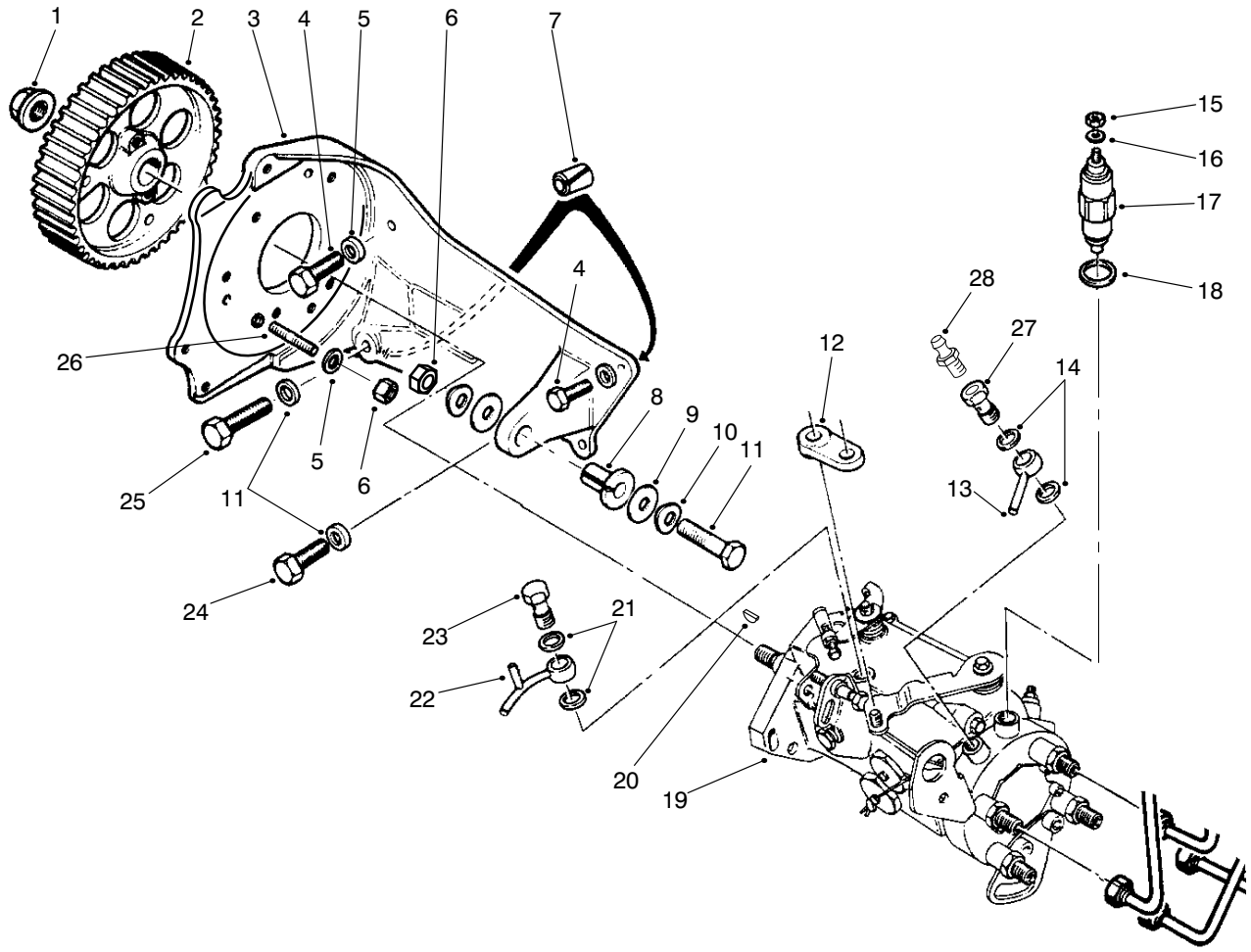
CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
38	48–7700	Screw–HH	3
39	94–3199	Pipe–By–Pass	1
40	98–9971	Hose–By–Pass	1
41	74–7400	Tube	1
42	74–7840	Plug	2
43	94–3122	Gasket	1
44	94–3121	Plug	1
45	74–7420	Ball	4
46	74–7430	Chamber–Turbulence (32.45 mm)	4
*	74–7440	Chamber–Turbulence (32.65 mm)	4
47	92–7792	Guide–Valve (14.29 mm)	8
*	92–7793	Guide–Valve (14.59 mm)	8
48	74–7450	Seat–Intake Valve (39.3 mm)	4
*	74–7460	Seal–Intake Valve (39.5 mm)	4

Ref. No.	Part No.	Description	No. Used
49	74–7480	Valve–Intake	4
50	92–7794	Valve–Exhaust	4
51	92–7795	Seat–Exhaust Valve (34.5 mm)	4
52	92–7791	Seal–Valve	8
53	94–8132	Gasket–Head (1.48 mm)	1
*	94–8133	Gasket–Head (1.52 mm)	1
*	94–8134	Gasket–Head (1.58 mm)	1
*	94–8135	Gasket–Head (1.62 mm)	1
54	94–3120	Bracket	1
*	74–7670	Head Bolt & Washer Set (Incl. Ref. #28 & 29)	1
*	94–3119	Kit–Gasket	1
*	94–9965	Asm–Head, Cylinder	1

*Not Illustrated

3322–892

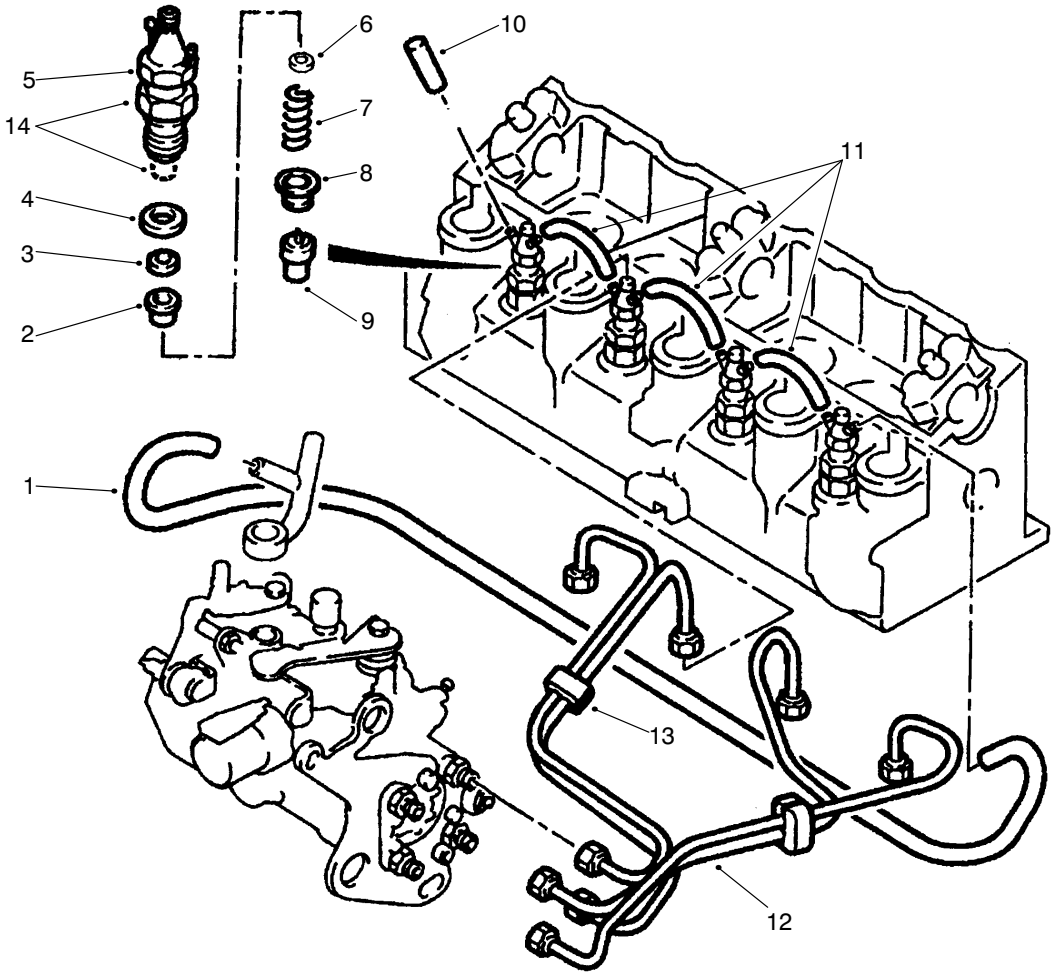


T–2146–1

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



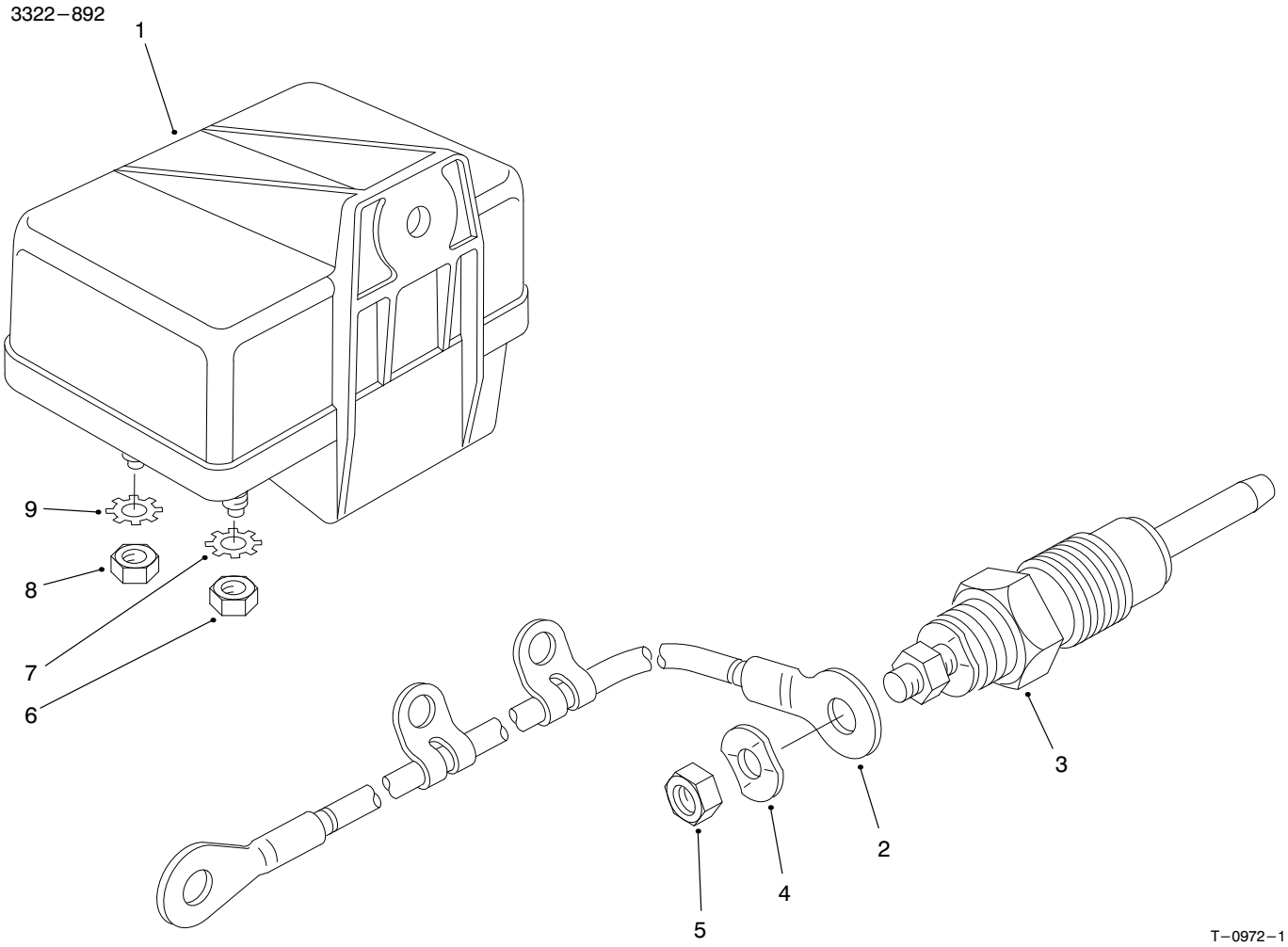
T–2145–2

FUEL INJECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94–3230	Hose	1
2	76–5540	Plug	4
3	76–5530	Gasket–Injector	4
4	94–3226	Gasket–Injector	4
5	76–5520	Holder–Injector	4
6	94–3232	Washer–0.79 mm	4
*	94–3233	Washer–0.82 mm	4
*	94–3234	Washer–0.85 mm	4
*	94–3235	Washer–0.88 mm	4
*	94–3236	Washer–0.91 mm	4
*	94–3237	Washer–0.94 mm	4
*	94–3238	Washer–0.97 mm	4
*	94–3239	Washer–1.00 mm	4
*	94–3240	Washer–1.03 mm	4
*	94–3241	Washer–1.06 mm	4

Ref. No.	Part No.	Description	No. Used
6	94–3242	Washer–1.30 mm	4
*	94–3243	Washer–1.33 mm	4
*	94–3244	Washer–1.36 mm	4
*	94–3245	Washer–1.39 mm	4
*	94–3246	Washer–1.42 mm	4
*	94–3247	Washer–1.45 mm	4
*	94–3248	Washer–1.48 mm	4
7	94–3228	Spring	4
8	94–3227	Spacer	4
9	94–8147	Nozzle–Injector	4
10	74–8770	Plug	1
11	94–3229	Union	3
12	74–8750	Pipe	1
13	94–3231	Bracket	2
14	76–5600	Asm–Holder, Injector	4

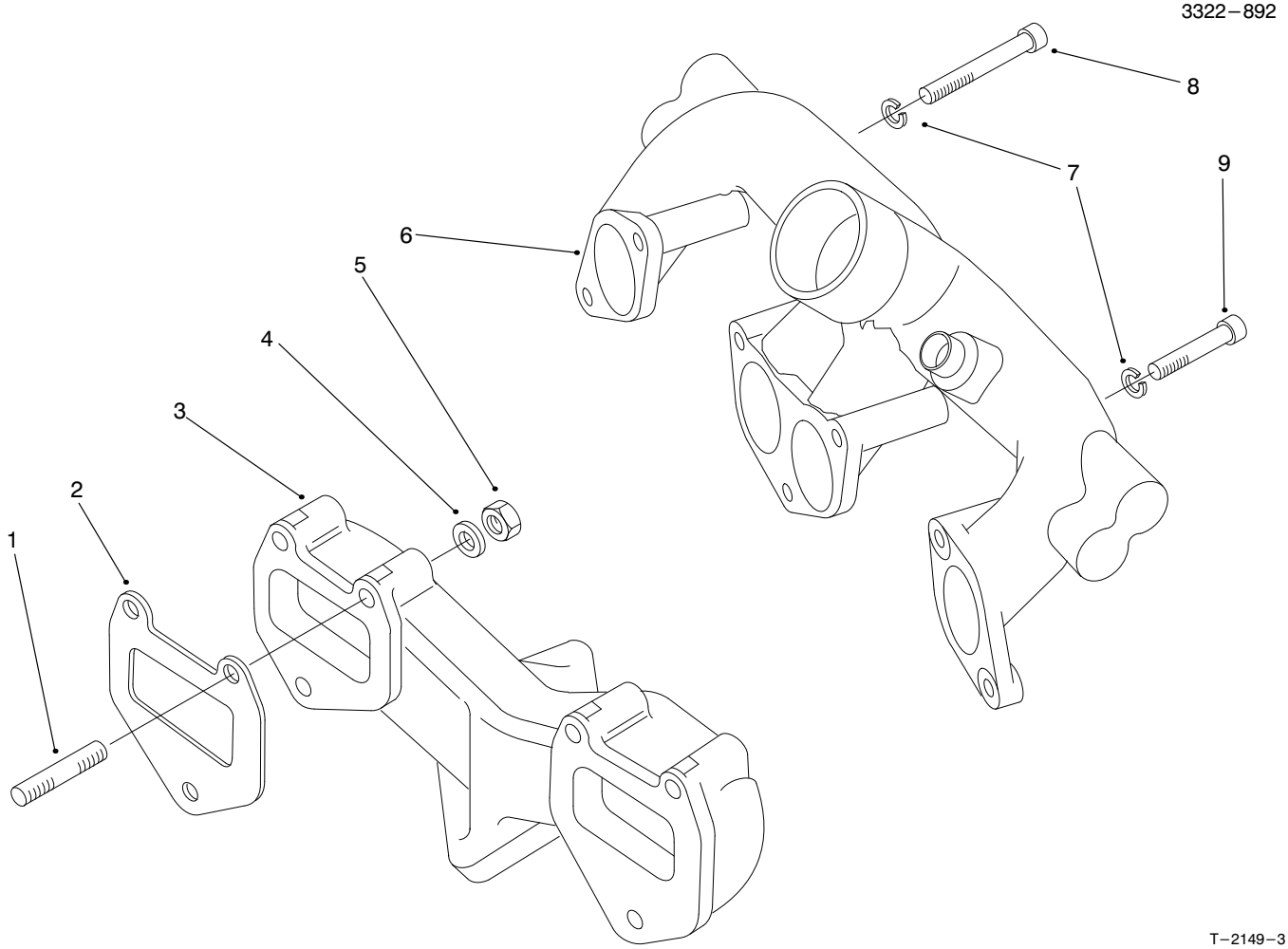
*Not Illustrated



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

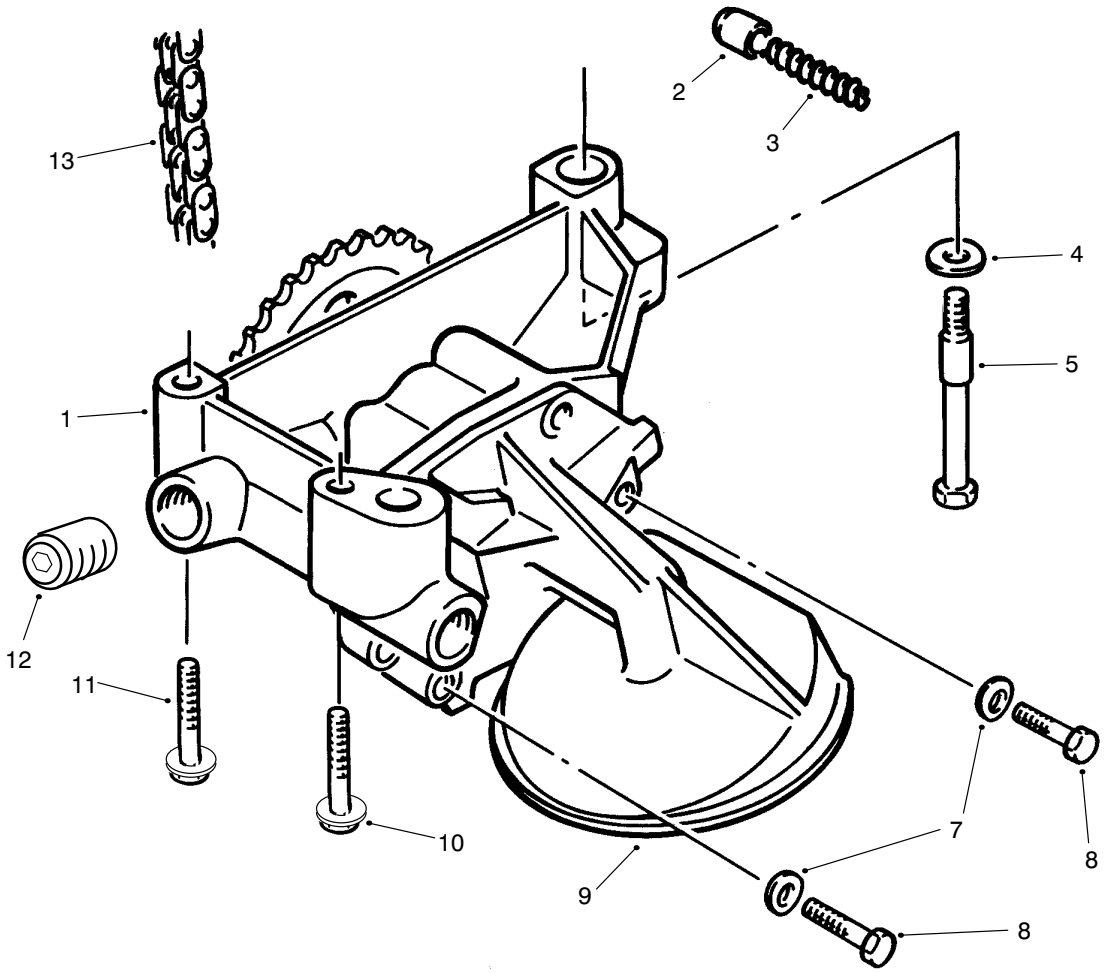


INTAKE & EXHAUST MANIFOLD ASSEMBLY

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

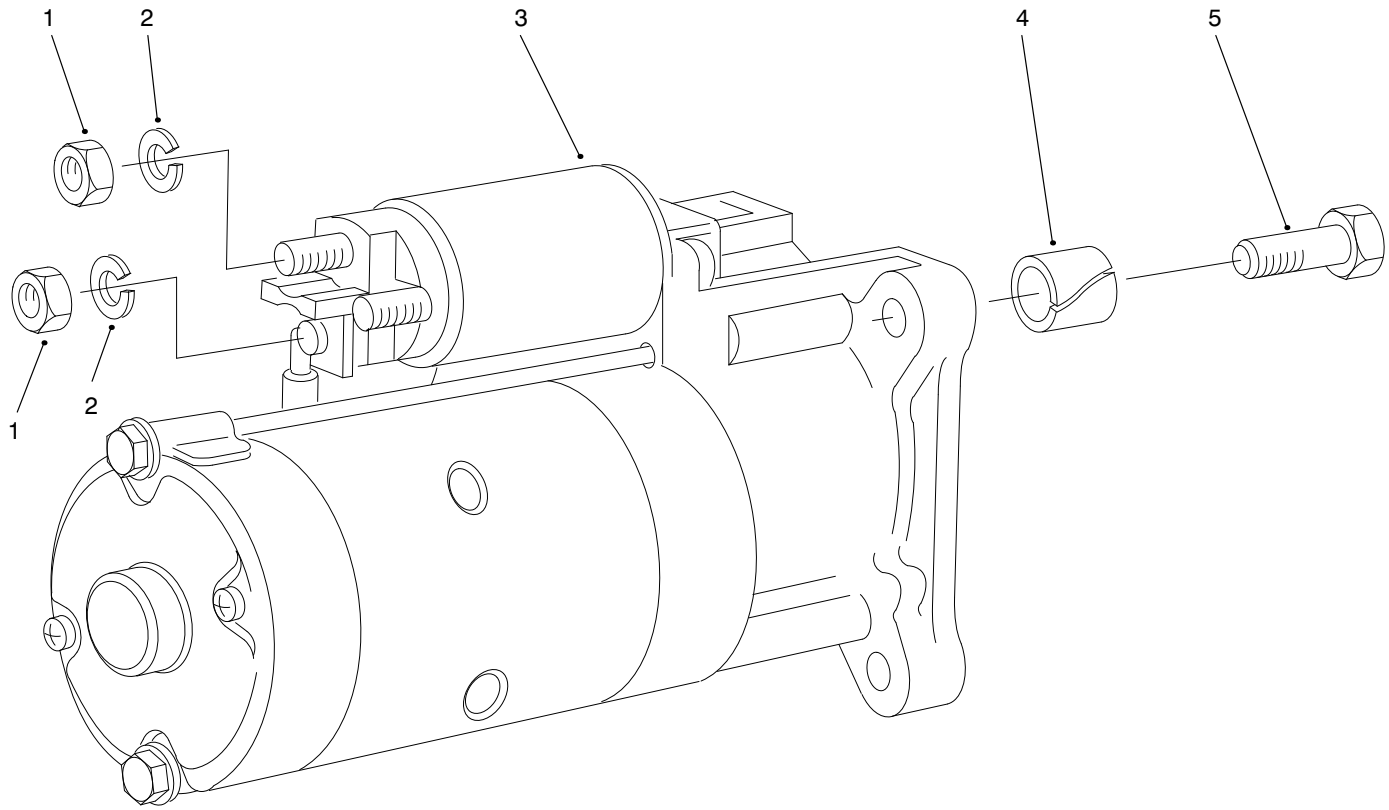


T–0964–2

OIL PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76–5070	Asm–Oil Pump	1
2	94–3176	Gear–Oil Pump	1
3	76–5090	Spring–Piston	1
4	94–3179	Washer–Spring	3
5	76–5100	Bolt–Shoulder	1
7	76–5010	Washer–Spring	5

Ref. No.	Part No.	Description	No. Used
8	94–3124	Screw–HH	2
9	94–3178	Strainer	1
10	77–3470	Screw	1
11	77–3490	Screw	1
12	94–3177	Plug	2
13	76–5170	Chain–Pump Drive	1



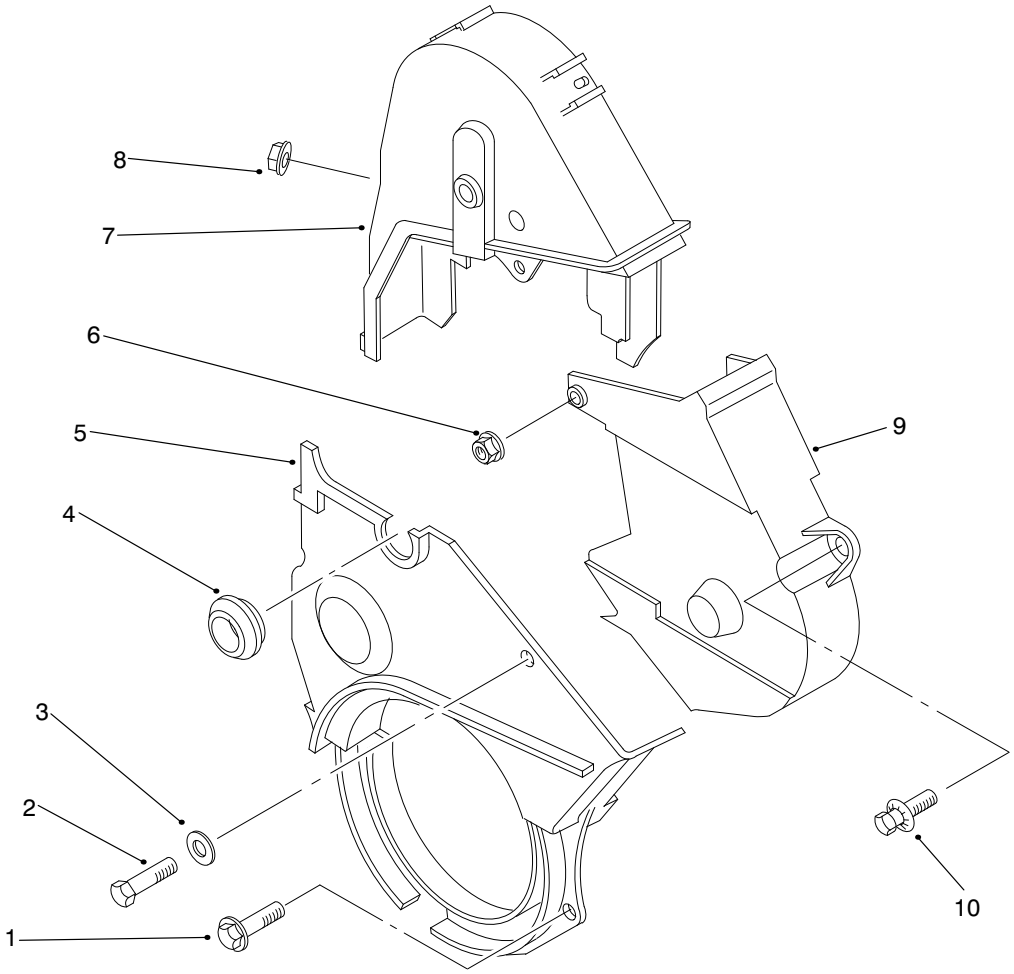
T–0968–1

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	Screw–Mounting	3
*	94–3275	Solenoid–Starter	1

*Not Illustrated

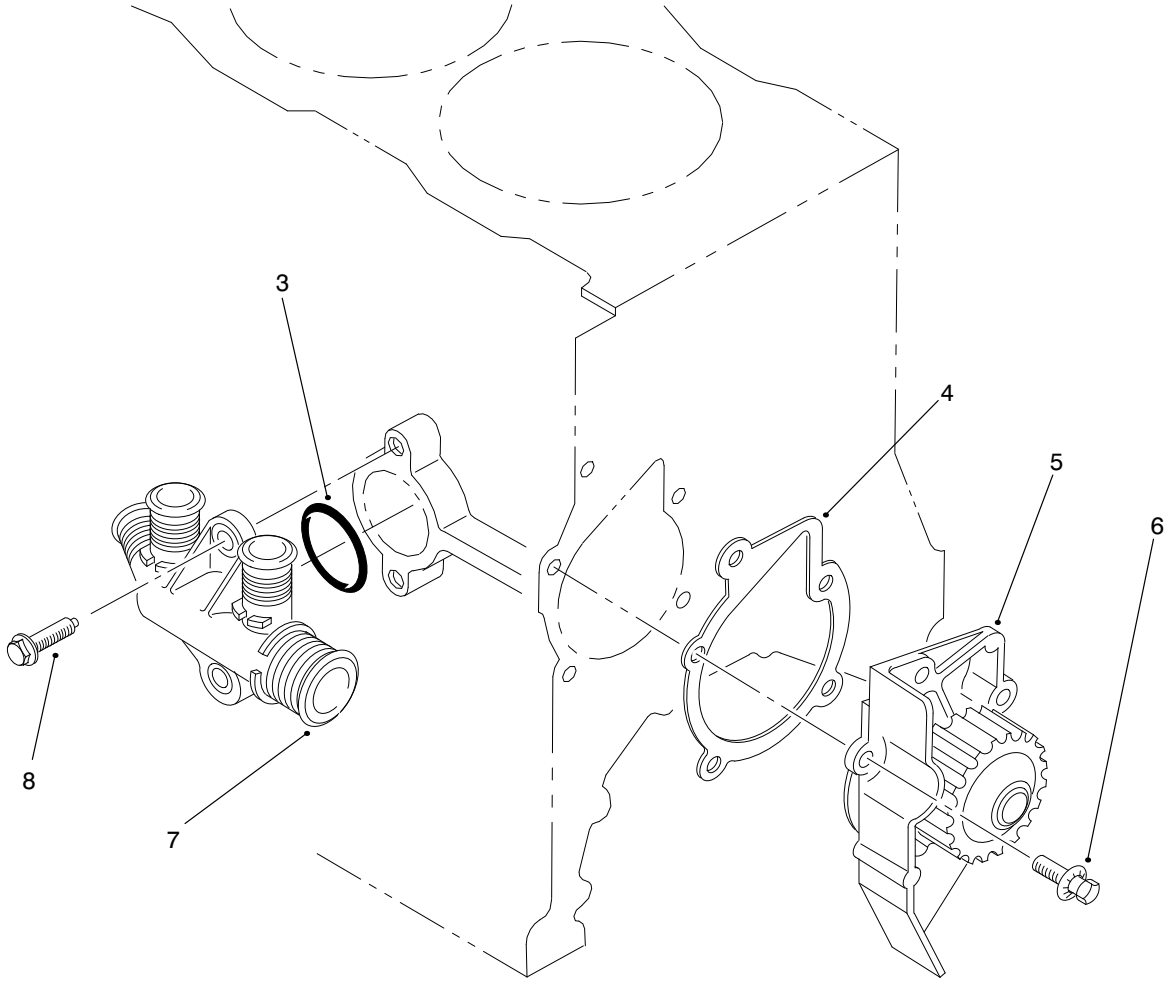


T−2140−2

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

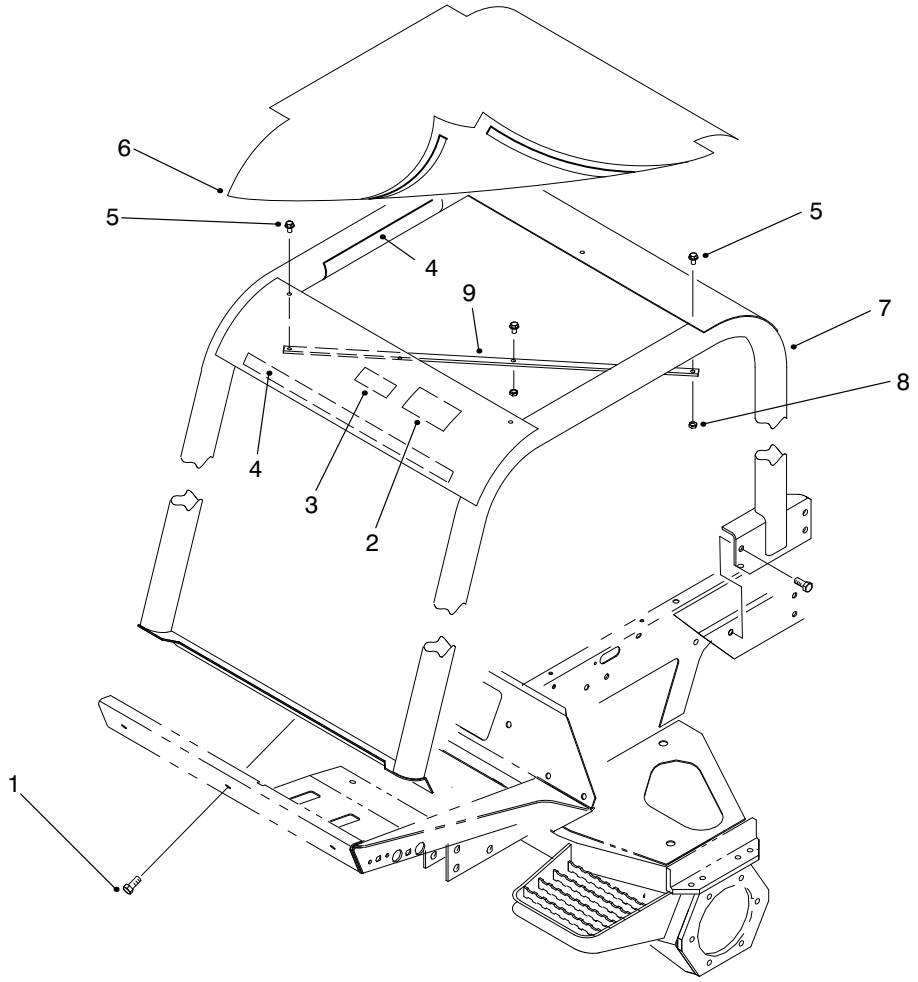


T−2144−1

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

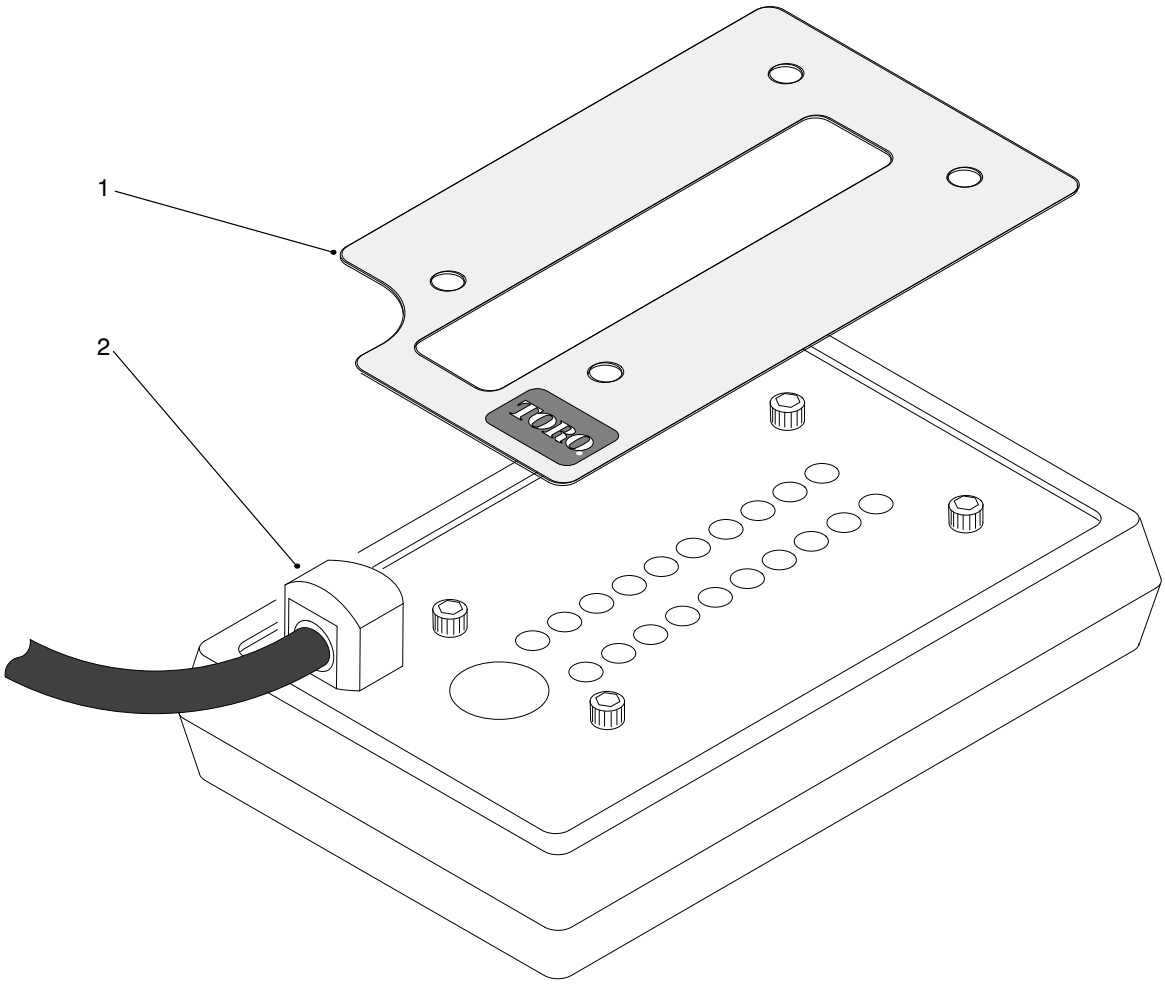


T−2092−1

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

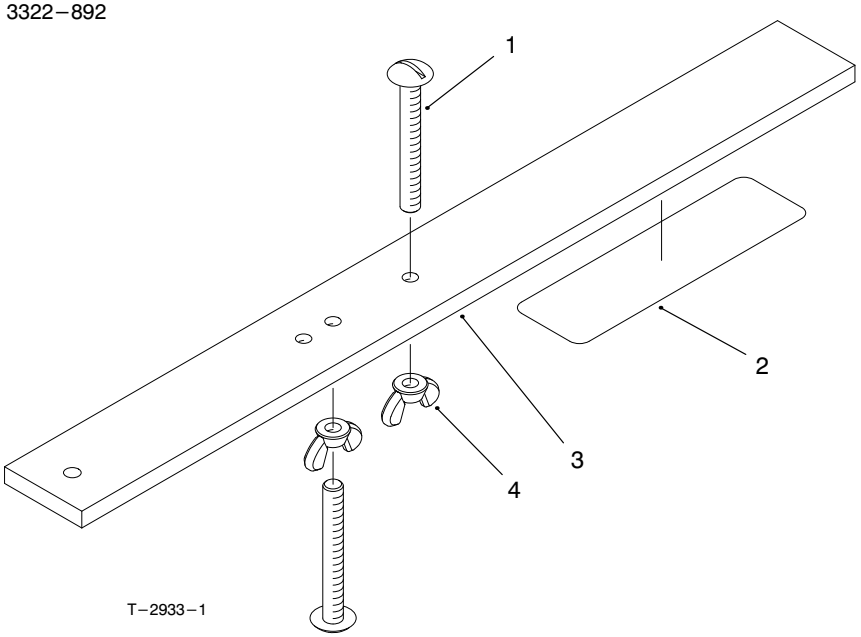
DIAGNOSTIC – ACE DISPLAY ASSEMBLY

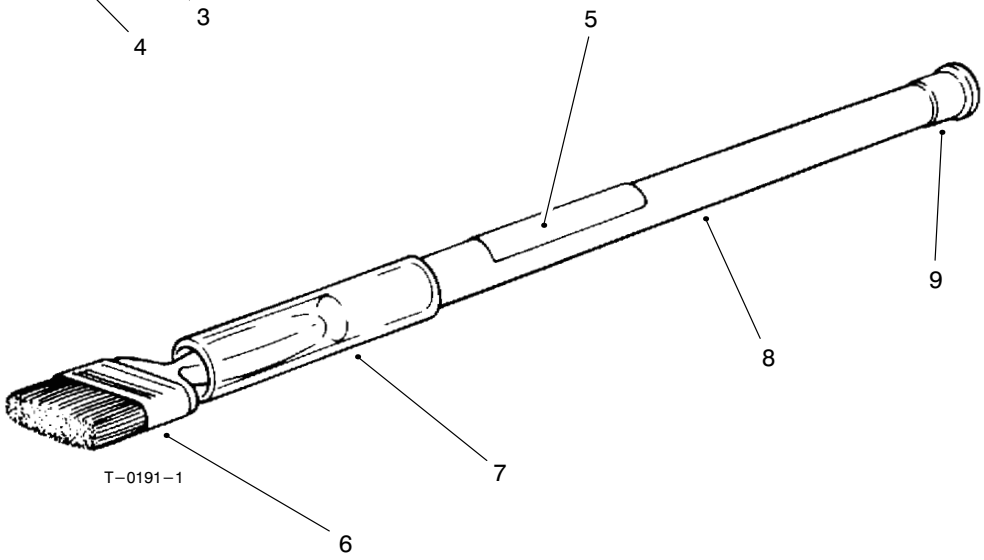
Ref. No.	Part No.	Description	No. Used
1	99–8983	Decal–Diagnostic ACE V 1.0	1
1	99–8985	Decal–Diagnostic ACE V 1.0 (Danish)	1
1	99–8986	Decal–Diagnostic ACE V 1.0 (Dutch)	1
1	99–8987	Decal–Diagnostic ACE V 1.0 (Finnish)	1
1	99–8988	Decal–Diagnostic ACE V 1.0 (French)	1
1	99–8989	Decal–Diagnostic ACE V 1.0 (German)	1

Ref. No.	Part No.	Description	No. Used
1	99–8990	Decal–Diagnostic ACE V 1.0 (Italian)	1
1	99–8991	Decal–Diagnostic ACE V 1.0 (Norwegian)	1
1	99–8992	Decal–Diagnostic ACE V 1.0 (Portuguese)	1
1	99–8993	Decal–Diagnostic ACE V 1.0 (Spanish)	1
1	99–8994	Decal–Diagnostic ACE V 1.0 (Swedish)	1
1	99–8984	Decal–Diagnostic ACE V 1.0 (Japan)	1
2	85–4750	Display–Diagnostic ACE	1

*Not Illustrated

3322−892





GAUGE BAR & BACKLAPPING BRUSH ASSEMBLIES

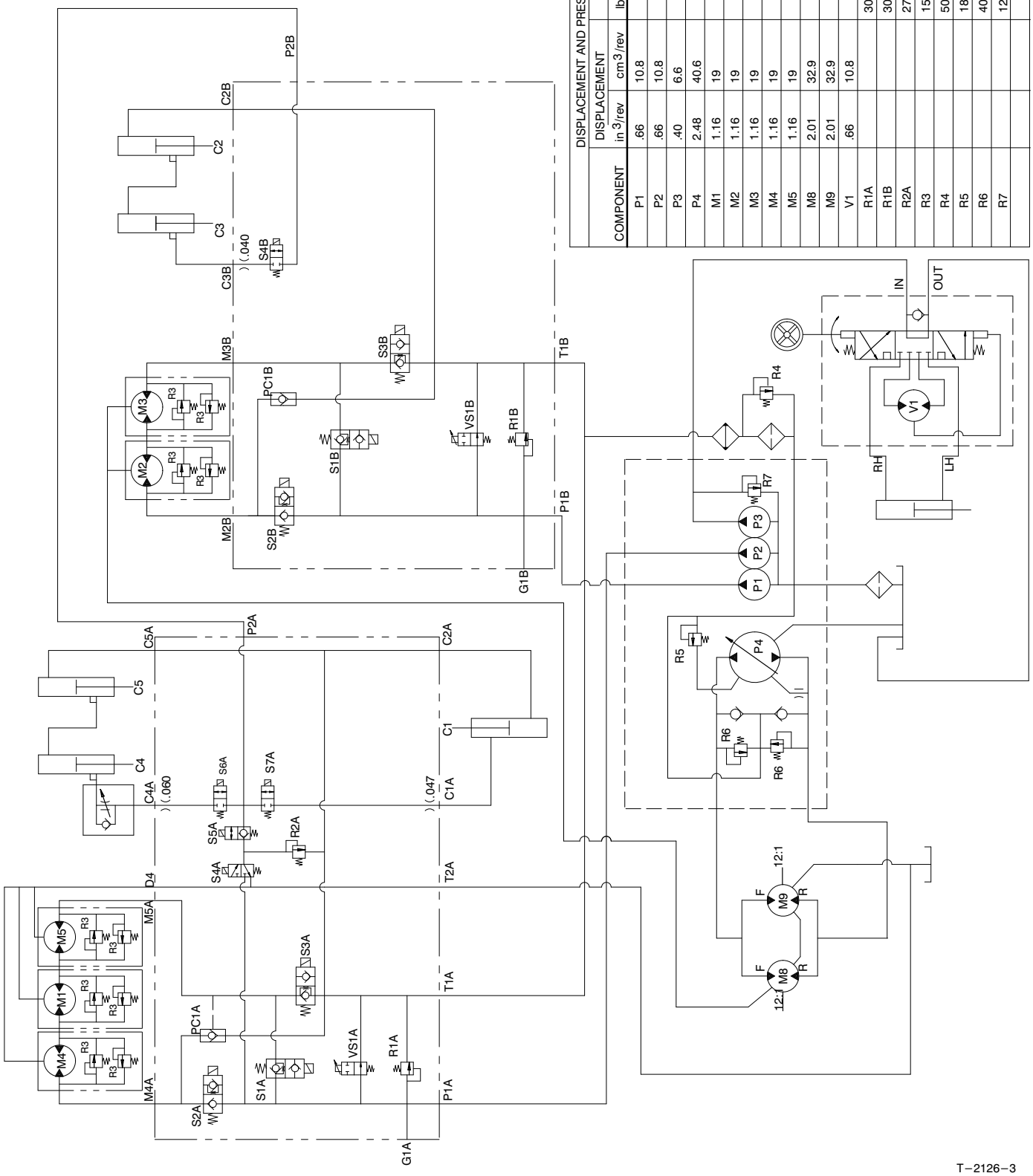
Ref. No.	Part No.	Description	No. Used
1	32122−54	Screw−Machine Slot Hd.	2
2	98−7976	Decal	1
3	98−1852	Asm−Gauge Bar (Incl. Ref. #1−2 & 4)	1
4	32103−3	Nut−Wing	2
5	12−9140	Decal	1
6	36−4310	Brush	1

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

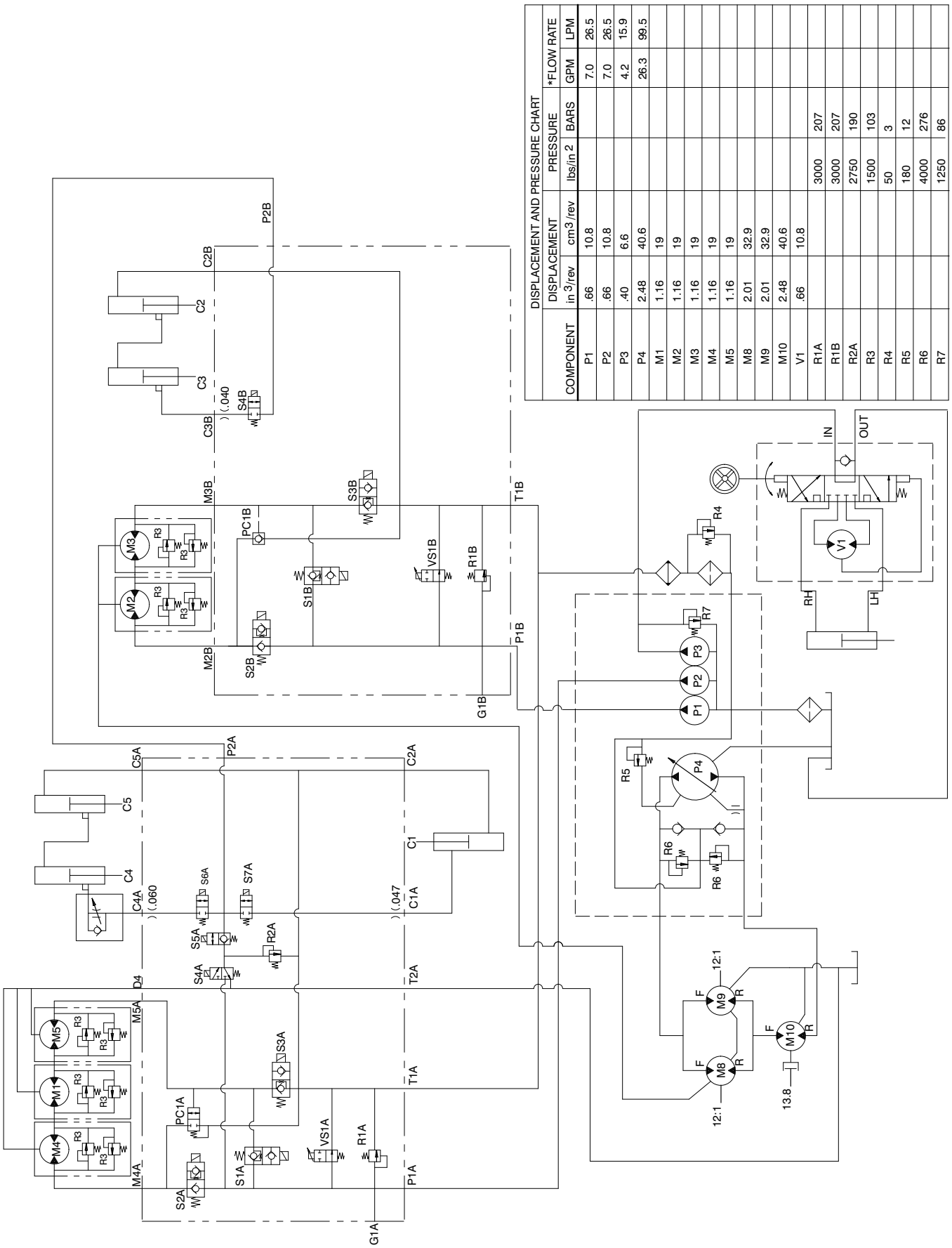
HYDRAULIC SCHEMATIC (Model 03803)

DISPLACEMENT AND PRESSURE CHART								
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						
V1	.66	10.8						
R1A			3000	207				
R1B			3000	207				
R2A			2750	190				
R3			1500	103				
R4			50	3				
R5			180	12				
R6			4000	276				
R7			1250	86				



T–2126–3

HYDRAULIC SCHEMATIC (Model 03804)

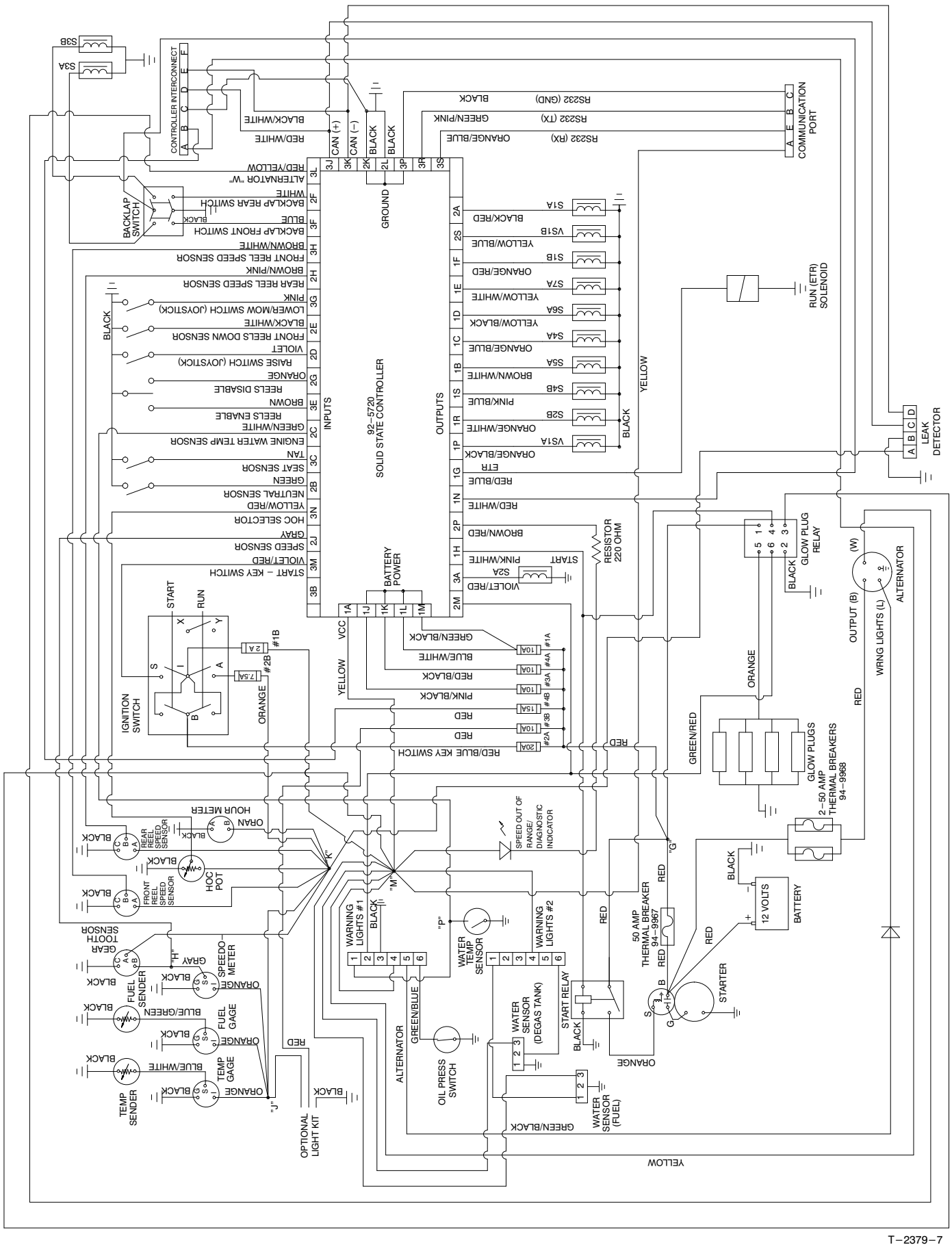


DISPLACEMENT AND PRESSURE CHART						
		DISPLACEMENT		PRESSURE		*FLOW RATE
	COMPONENT	in 3/rev	cm3/rev	lbs/in 2	BARS	GPM / LPM
	P1	.66	10.8			7.0 / 26.5
	P2	.66	10.8			7.0 / 26.5
	P3	.40	6.6			4.2 / 15.9
	P4	2.48	40.6			26.3 / 99.5
	M1	1.16	19			
	M2	1.16	19			
	M3	1.16	19			
	M4	1.16	19			
	M5	1.16	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			2750	190	
	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–2125–3

ELECTRICAL SCHEMATIC



T–2379–7

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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