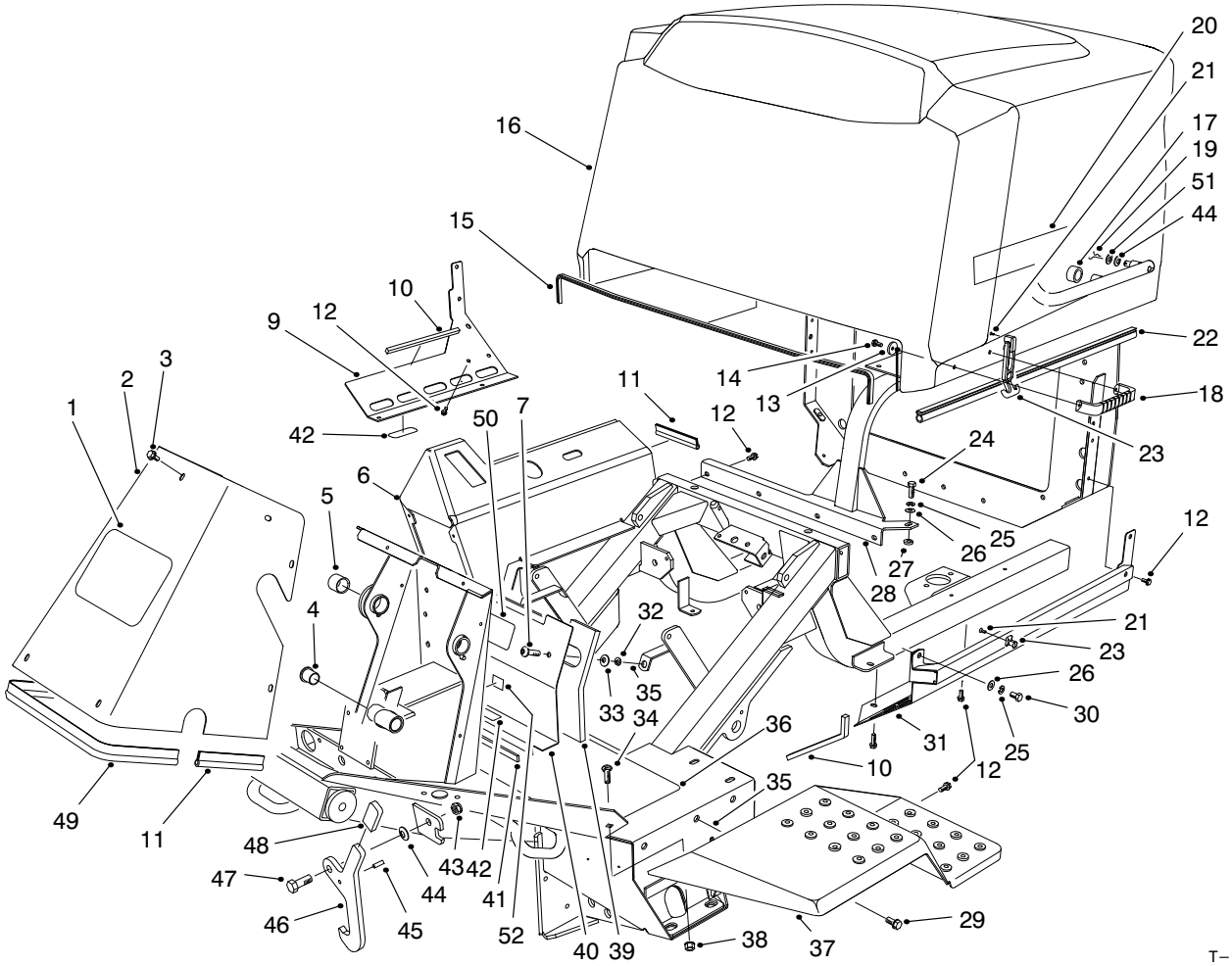
FORM NO. 3322–306

TORO®

MODEL NO. 30455TS–90001 & UP

PARTS CATALOG

GROUNDSMASTER® 455D 4WD
TRACTION UNIT



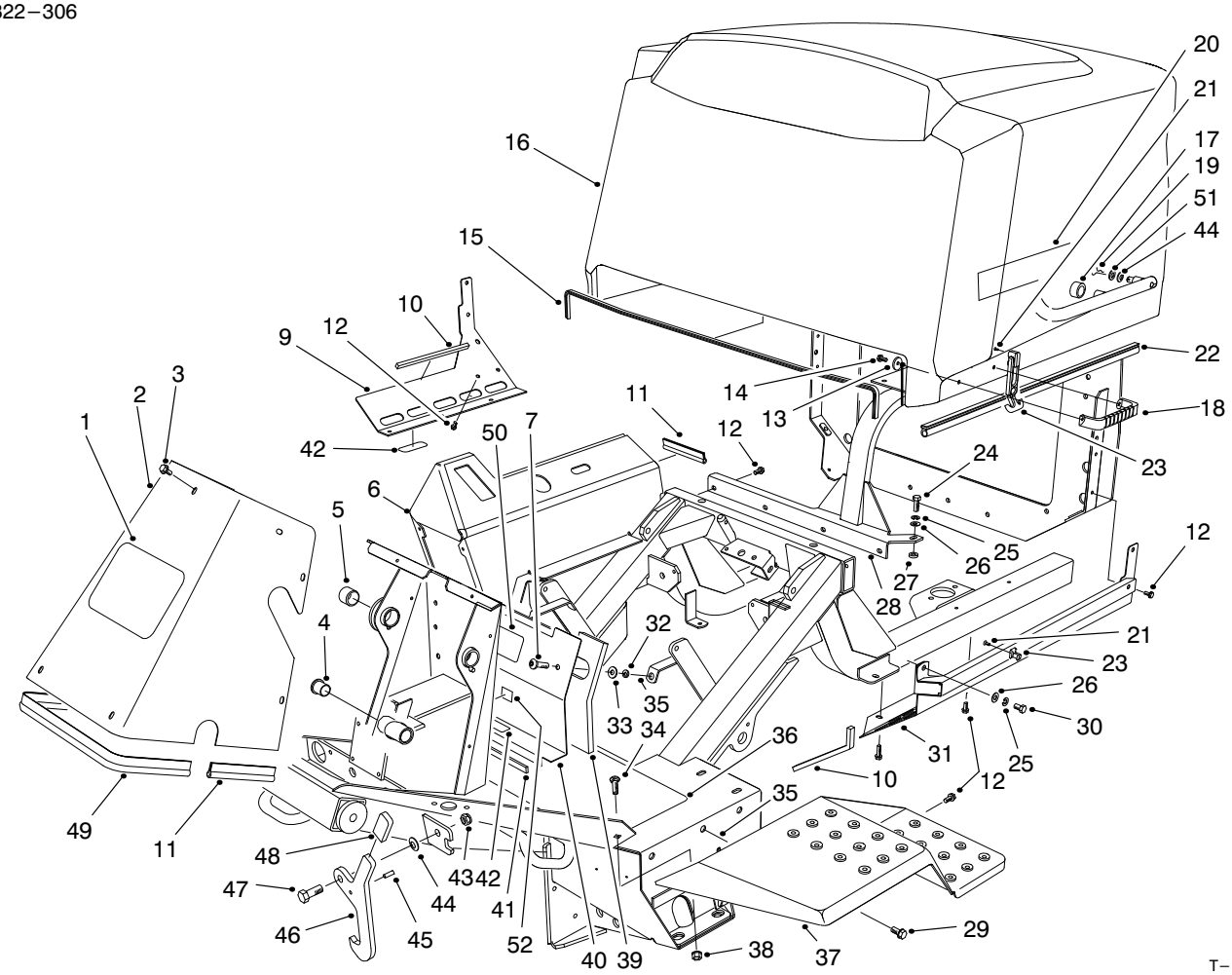
T–1512–3

FRAME & BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62–7400	Decal – TORO	1
2	76–9700	Cover – Tower	1
3	46–6810	Screw – Hex. Washer Hd.	9
4	256–10	Bushing – Flange	2
5	256–237	Bushing – Sleeve	1
6	84–1080	Frame Assembly (Incl. Ref # 4, 5 & 35)	1
7	3250–36	Screw – Phillips Pan Hd.	2
9	94–5601	Support – Tank, Lower	1
10	68–7573	Seal – Shroud	2
11	76–6360	Strip – Seal	2
12	32144–11	Screw – Hex. Washer Hd.	17
13	3256–78	Washer – Flat	2
14	46–8091	Screw – Hex. Washer Hd.	2
15	94–5618	Trim – Fire Wall	1
16	93–7798	Hood (Incl. Ref. #15, 20 & 22)	1
17	94–5613	Stop – Rubber	2
18	65–5100	Handle – Hood	1
19	3290–467	Pin – Cotter, Hair	2
20	84–1460	Decal – GM 455D	2
21	3290–359	Screw – Round Hd.	3
22	94–5617	Seal – Strip, Hood	2
23	94–5626	Latch – Draw	1
24	323–6	Screw – Cap Hex. Hd.	1
25	3253–21	Washer – Lock	2
26	3256–24	Washer – Flat	2
27	80–7730	Spacer	1
28	93–7236	Air Cleaner Support Asm	1
29	74–4090	Tread – Foot Rest	1
30	323–4	Screw – Cap Hex. Hd.	1
31	94–5609	Cover Asm – Hood, Lower	1
32	32151–72	Ring – Retaining	2
33	3256–3	Washer – Flat	2

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TPS

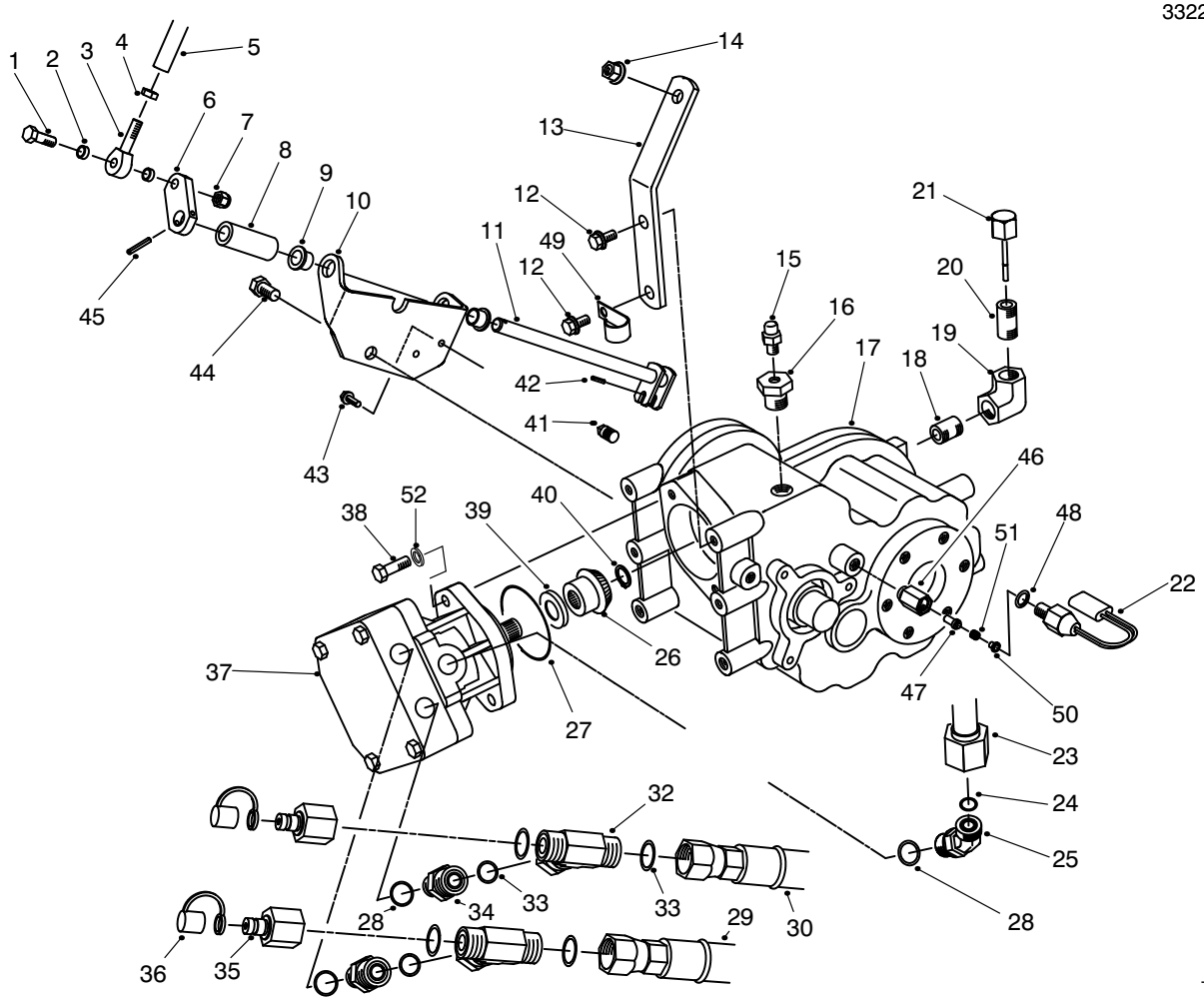


FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
34	3231−22	Bolt − Carriage	2
35	32148−10	Insert − Threaded	10
36	3234−12	Screw − Hex. Washer Hd.	7
37	76−9300	Fender L.H.	1
*	76−9340	Fender R.H.	1
38	3290−357	Nut − Flange	2
39	88−1310	Foam − Cover	1
40	88−1300	Cover − Seat Front	1
41	76−6380	Strip − Seal Access Panel	1
42	93−6697	Decal − Oil	2

Ref. No.	Part No.	Description	No. Used
43	3296−25	Nut − Lock	2
44	3290−483	Washer − Belleville	4
45	32121−36	Pin − Roll	2
46	93−7203	Latch − Lockup	2
47	325−5	Screw − Cap Hex. Hd.	2
48	48−7081	Sleeve	2
49	76−6361	Strip − Seal	1
50	93−9425	Decal − Danger	1
51	83−1470	Washer − Neoprene	2
52	93−7252	Decal − CE	1

*Not Illustrated



T−1506−1

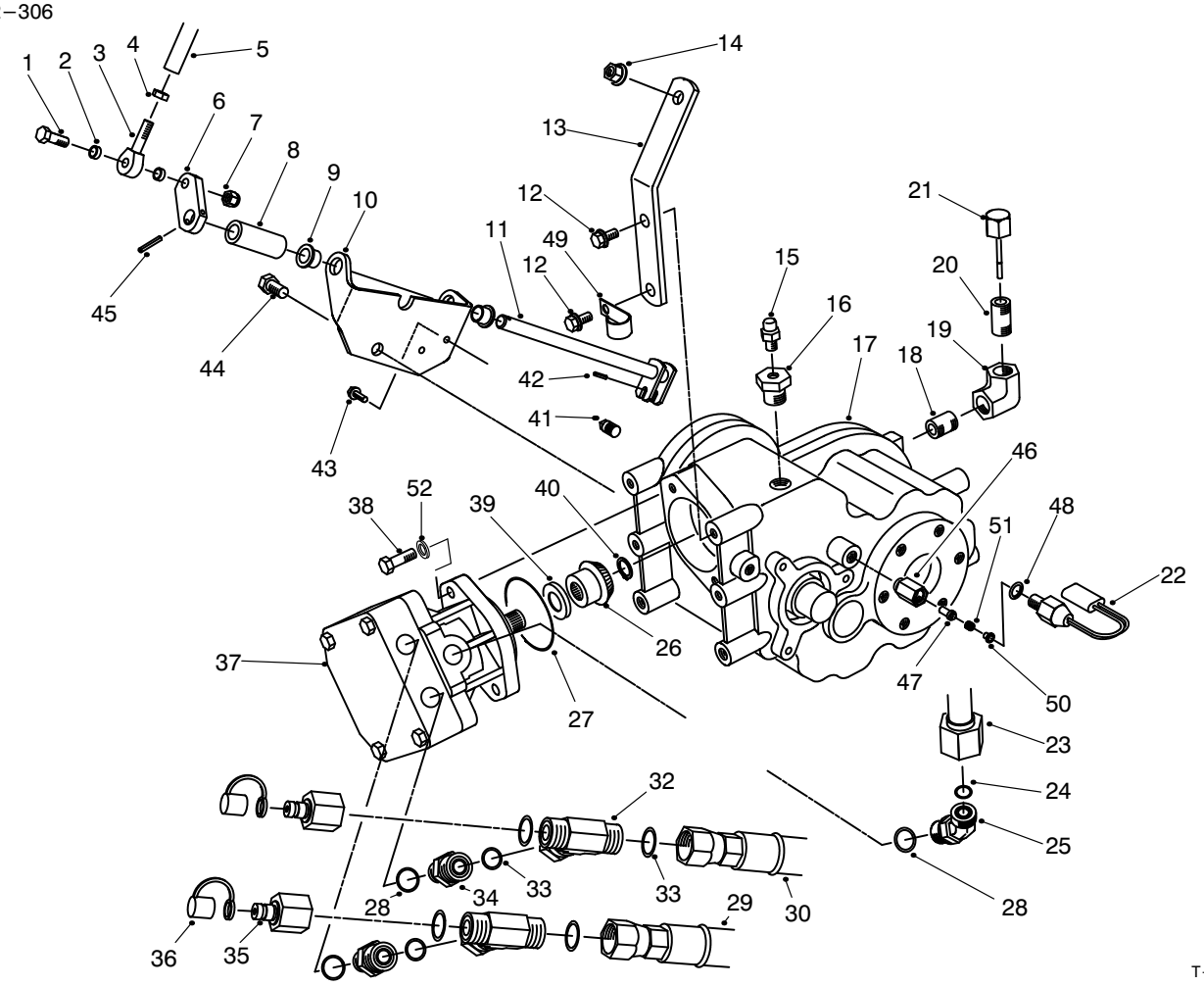
FRONT TRANSAXLE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323−9	Screw − Cap Hex. Hd.	1
2	76−9100	Spacer	2
3	2411−36	Rod − End	1
4	3220−3	Nut − Jam	1
5	84−0690	Rod − Shift	1
6	77−4260	Link − Shift	1
7	3296−59	Nut − Lock	1
8	86−5420	Spacer − Rod, Shift	1
9	3−1506	Bushing − Flange	2
10	84−1610	Support − Rod, Shift	1
11	84−0700	Rod − Shift	1
12	3234−12	Screw − Hex. Flange Hd.	2
13	84−1600	Bracket − Support, Trans.	1
14	3290−357	Nut − Flange Head	1
15	302−14	Plug − Vent	1
16	2812−11	Bushing − Reducer	1
17	99−7566	Transaxle − 2 Speed (Incl. Ref. No. 26 & 41)	1
18	289−50	Nipple − Pipe	1
19	2813−14	Elbow − Pipe 90°	1
20	289−44	Nipple − Pipe	1
21	27−3710	Dipstick	1
22	72−4320	Switch − Ball	1
23	86−5750	Assy. − Tube, Drain	1
24	237−30	O−Ring	1

Ref. No.	Part No.	Description	No. Used
25	340−101	Fitting − Hydraulic (Incl. Ref. #24 & 28)	1
26		Pinion − Spiral	1
27	237−167	O−Ring	1
28	237−79	O−Ring	3
29	92−5830	Assy. − Hose, Traction L.H.	1
30	92−7765	Assy. − Tube	1
32	340−167	Fitting − Hydraulic (Incl. Ref. #33)	2
33	237−65	O−Ring	6
34	340−155	Fitting − Hydraulic (Incl. Ref. #28 & 33)	2
35	86−5860	Nipple	2
36	353−947	Cap − Fitting	2
37	92−2556	Motor − Fixed Displacement	1
38	323−7	Screw − Cap Hex. Hd.	2
39	82−5380	Shim − Pinion .045	1
*	82−5390	Shim − Pinion .038	1
*	82−5400	Shim − Pinion .052	1
40	32151−62	Ring − Retaining	1
41	76−6040	Plug − Pipe (Supplied with transaxle)	1
42	32121−24	Pin − Roll	1
43	3234−4	Screw − Cap Hex. Hd.	2
44	325−2	Screw − Cap Hex. Hd.	1
45	32121−6	Pin − Roll	1

*Not Illustrated

3322−306



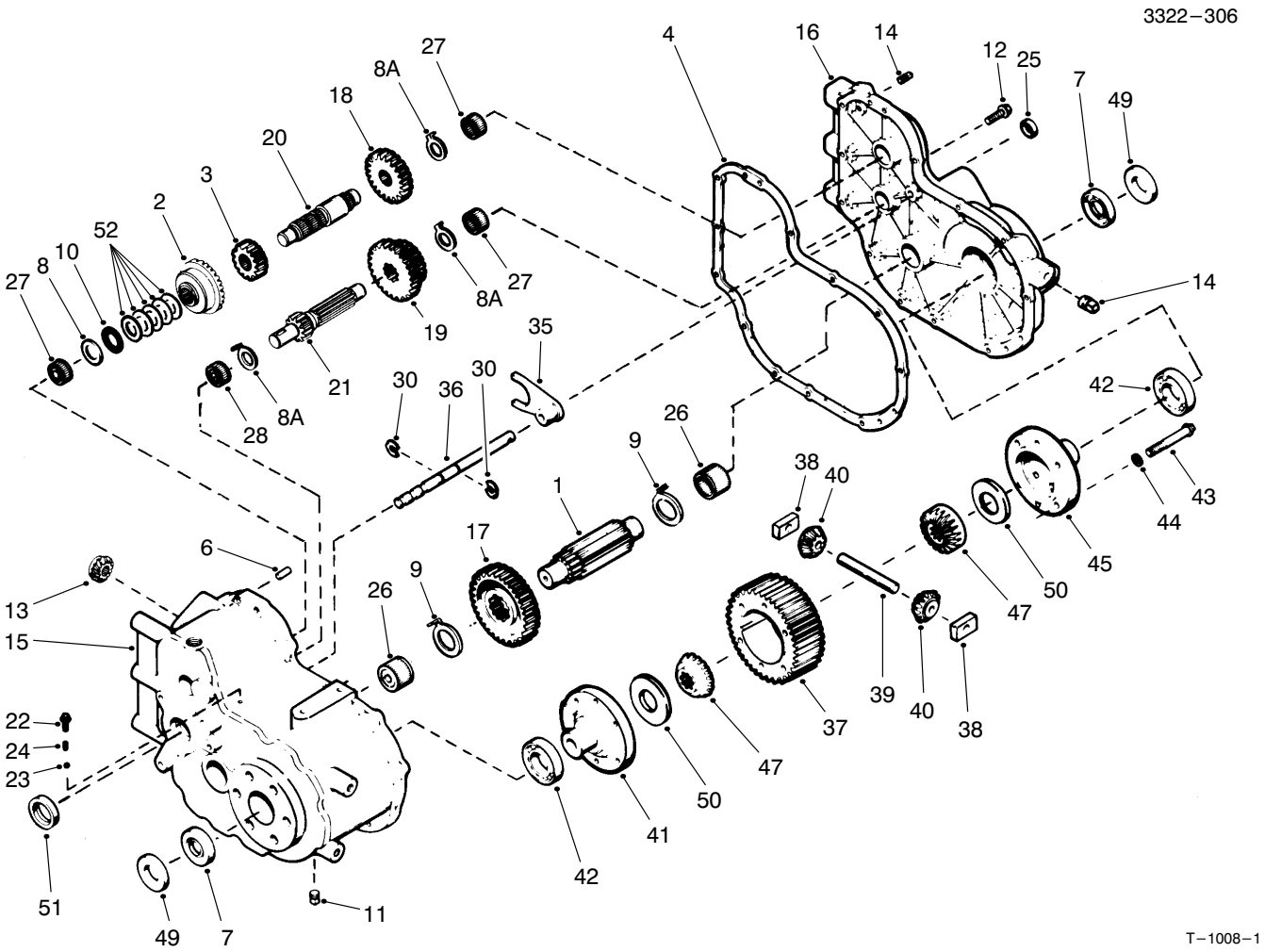
T−1506−1

FRONT TRANSAXLE INSTALLATION ASSEMBLY (Cont.)

Ref. No.	Part No.	Description	No. Used
46	92−1364	Guide − Switch, Pin	1
47	92−1365	Plunger − Switch	1
48	237−30	O−Ring	1
49	2412−150	Clip − J	1

Ref. No.	Part No.	Description	No. Used
50	43−8610	Guide − Spring & Ball	1
51	92−1366	Spring − Compression	1
52	3256−24	Washer − Flat	2

*Not Illustrated

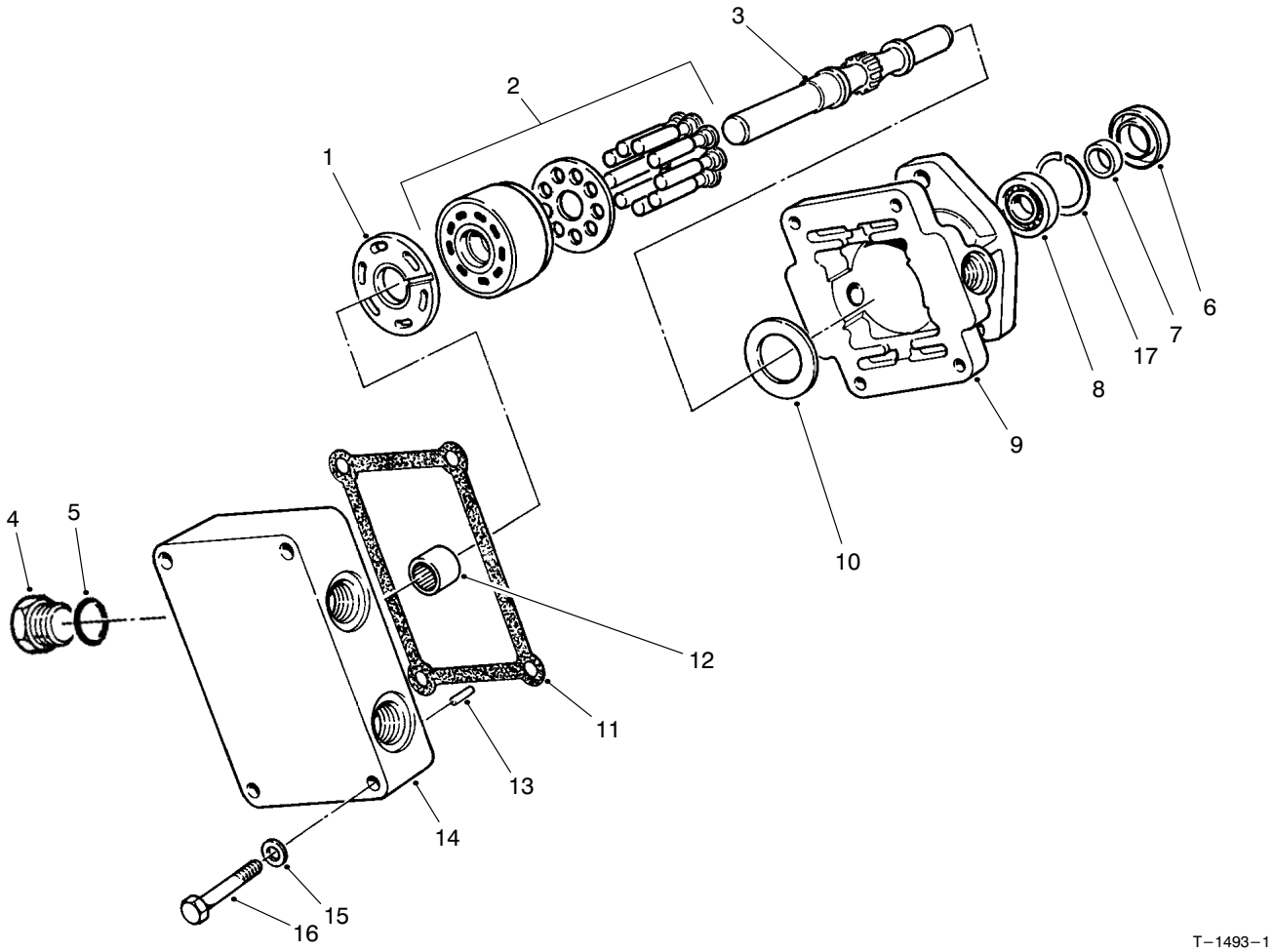


TRANSAXLE ASSEMBLY NO. 99−7566

Ref. No.	Part No.	Description	No. Used
1	76−5610	Pinion − Output	1
2		Gear − Spiral Bevel	1
3	76−5630	Gear − Spur	1
4	76−5640	Gasket	1
6	76−5660	Pin−Dowel	2
7	76−5670	Seal−Oil	2
8	76−5680	Washer − Thrust	1
8A	76−5650	Washer − Thrust	3
9	76−5690	Washer − Thrust	2
10	76−5700	Bearing−Thrust	1
11	76−5710	Plug−Magnetic − Drain	1
12	76−5720	Screw − Hex Hd.	13
13		Pinion − Spiral Bevel	1
14	76−6040	Plug − Pipe	2
15	92−0639	Case Assembly (Incl. Ref. #26−28)	1
16	76−5760	Cover Assembly (Incl. Ref. #26−27)	1
17	92−0642	Gear − Output	1
18	76−5780	Gear − Spur	1
19	92−0644	Gear − Cluster	1
20	92−0641	Shaft − Counter	1
21	92−0645	Shaft & Gear − Shifter	1
22	76−5820	Screw − Hex Flanged Hd.	1
23	76−5830	Ball − Steel	1
24	76−5840	Spring − Shifter Fork	1
25	76−5850	Seal − Oil	1
26	76−5860	Bearing − Needle	2

Ref. No.	Part No.	Description	No. Used
27	76−5870	Bearing − Needle	3
28	92−0640	Bearing − Needle	1
30	76−5890	Ring − Retaining	2
35	76−5900	Fork − Shift	1
36	92−0647	Rod − Shift (High−Low)	1
†37		Gear − Ring	1
†38		Block − Drive	4
†39		Pin − Drive	2
†40		Pinion − Bevel	4
41	76−5960	Carrier (Incl. Ref. #50)	1
42	92−0646	Bearing − Ball	2
43	76−5980	Screw − Hex Flanged Hd.	6
44	3253−21	Washer − Lock	6
45	76−5990	Carrier − Differential	1
†47		Gear − Bevel	2
49	76−6010	Spacer	2
†50		Washer − Thrust	2
51	76−6030	Seal − Oil	1
52	76−5680	Shim − Orange .126/.123	A/R
*	76−5740	Shim − Lt. Grn. .123/.120	A/R
*	84−0090	Shim − Lt. Blue .120/.117	A/R
*	84−0130	Shim − Pink .129/.126	A/R
*	84−0140	Shim − Black .132/.129	A/R
*	84−0080	Spiral Gear Set (Matched) (Incl. Ref. #2 & 13)	1
*	99−7567	Differential Assembly (Incl. Ref. #37−47 & 50)	1

*Not Illustrated
†Not Serviced Separately

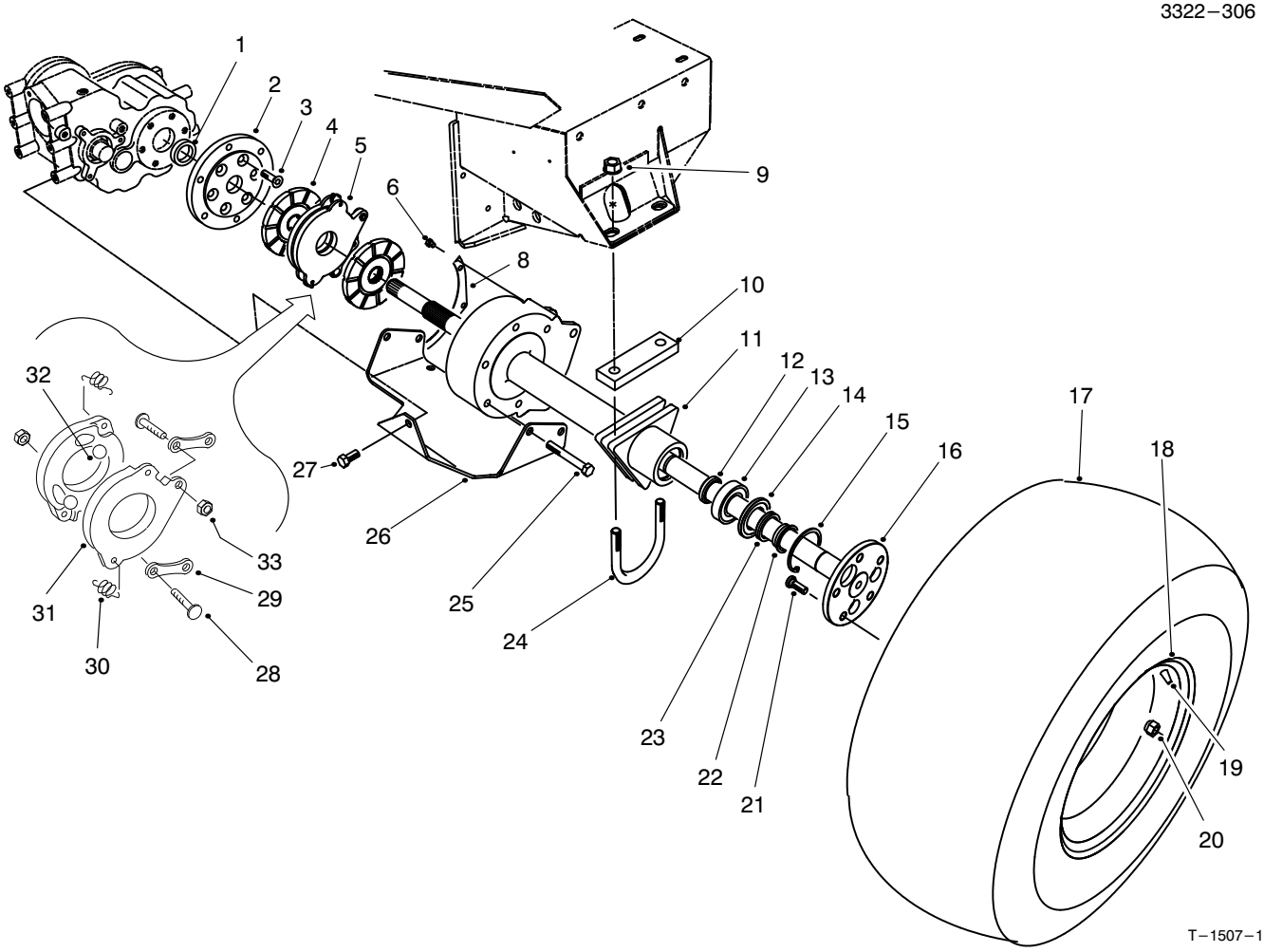


T−1493−1

HYDRAULIC MOTOR NO. 92−2556

Ref. No.	Part No.	Description	No. Used
1	28−3380	Plate − Valve	1
2	48−1800	Cylinder Block Kit	1
3	92−0636	Shaft Assembly (Incl. Ref. #7 & 8)	1
4	92−2571	Plug	2
5	237−65	Seal − O−Ring	2
6	74−9480	Seal − Lip	1
7		Sleeve	1
8		Bearing − Roller	1
9	82−4990	Housing − Fixed	1

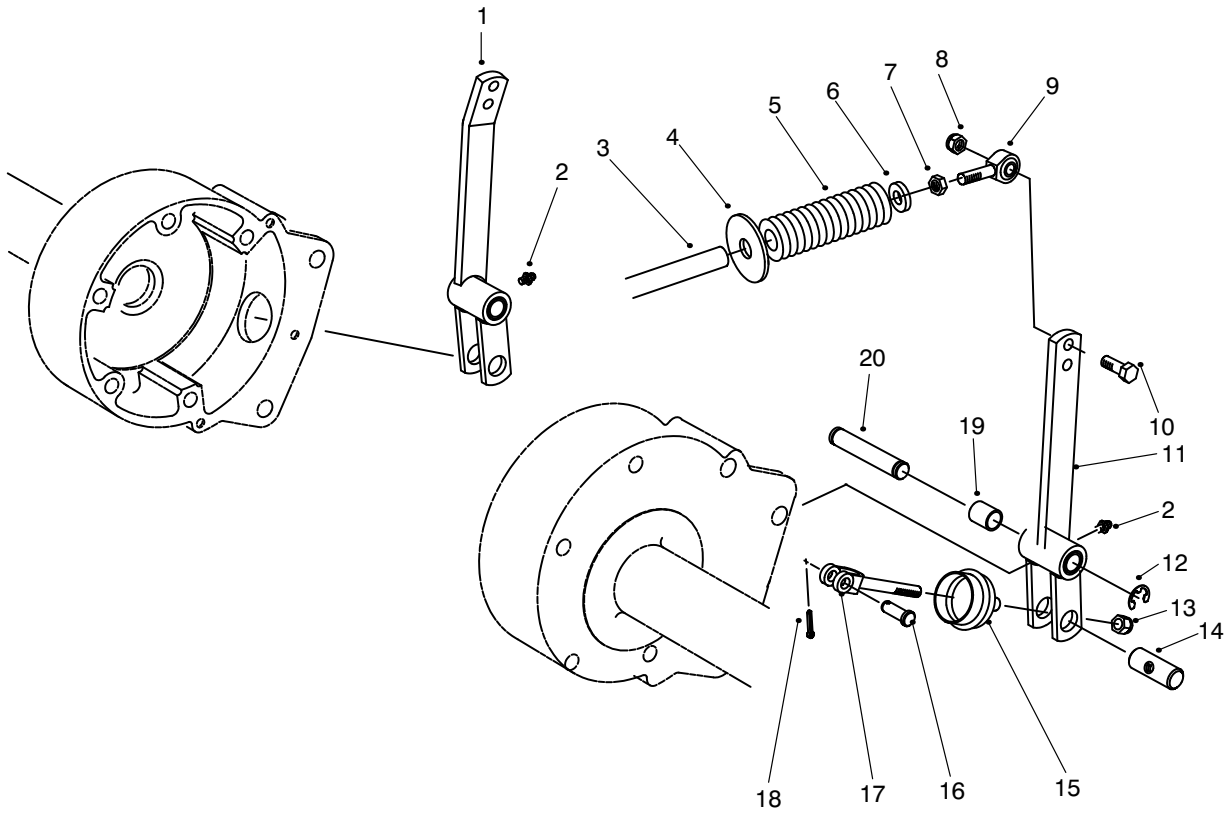
Ref. No.	Part No.	Description	No. Used
10	25−2380	Plate − Thrust	1
11	67−9100	Gasket	1
12	77−3640	Bearing	1
13	25−2430	Pin − Straight	1
14	92−2572	End Cap Assembly (Incl. Ref. #12)	1
15	74−9510	Washer − Flat	1
16	74−9500	Screw − Cap Hex. Hd.	4
17	82−4970	Ring − Retaining	1



FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76−6010	Spacer − Transaxle (Supplied with transaxle)	2
2	76−4240	Plate − Adapter	2
3	3274−87	Screw − Flat Hd. Socket	12
4	74−3640	Disc − Brake	4
5	74−3630	Actuator − Brake (Incl. Ref. #28−33)	2
6	3234−30	Screw − Hex. Hd. Flange	6
8	76−8300	Cover − Housing, Axle	2
9	32128−50	Nut − Lock, Flange Hd.	4
10	84−1620	Plate − Support, Axle	2
11	92−9704	Housing − Axle	2
12	92−9708	Collar − Bearing	2
13	92−9710	Bearing − Ball	2
14	92−9709	Spacer − Bearing	2
15	32151−76	Ring − Retaining	2
16	92−9714	Axle Assembly (Incl. Ref. #12−15 & 21−23)	2

Ref. No.	Part No.	Description	No. Used
17	86−5900	Tire	2
18	217−124	Rim	2
19	232−27	Stem − Valve	2
20	23−7270	Nut − Wheel	10
21	242−34	Stud − Axle	10
22	92−9706	Spacer − Axle Shaft	2
23	92−9712	Seal − V−Ring	2
24	84−1590	U−Bolt	2
25	325−15	Screw − Cap Hex. Hd.	10
26	86−5430	Plate − Skid	1
27	325−4	Screw − Cap Hex. Hd.	1
28	92−7774	Stud	4
29	92−7775	Link	4
30	92−7776	Spring − Extension	4
31	92−7777	Disc − Actuating	4
32	92−7773	Ball	6
33	69−9940	Nut − Jam	4

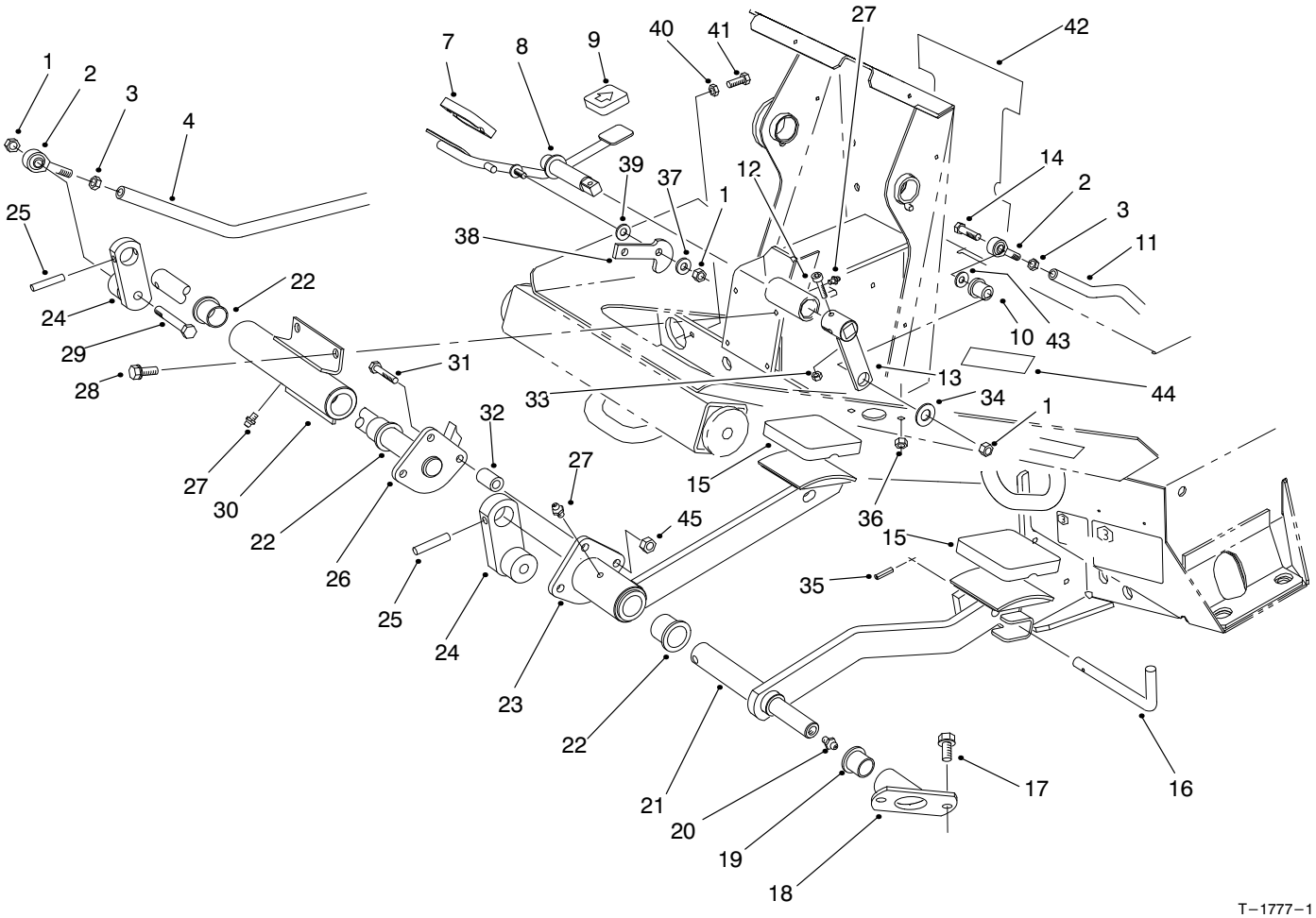


T−1491−1

BRAKE LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	84−0940	Assy. − Brake Linkage Arm R.H. (Incl. Ref. #2 & 19)	1
2	302−5	Fitting − Grease	2
3	76−9690	Rod − Brake	2
4	86−5840	Plate − Spring	2
5	86−5830	Spring − Compression	2
6	66−6480	Washer	2
7	3220−3	Nut − Jam	2
8	3296−59	Nut − Lock	2
9	2411−36	Rod End	2
10	323−7	Screw − Cap Hex.. Hd.	2

Ref. No.	Part No.	Description	No. Used
11	84−0970	Assy. − Brake Linkage Arm L.H. (Incl. Ref. #2 & 19)	1
12	32120−19	Ring − Retaining, Ext.	4
13	3296−39	Nut − Lock	2
14	76−8270	Pin − Brake	2
15	76−4180	Boot − Brake Rod	2
16	283−2	Pin − Clevis	2
17	76−6610	Clevis − Brake	2
18	3272−6	Pin − Cotter	2
19	5−2512	Bushing − Sleeve	2
20	84−0990	Pin − Pivot	2

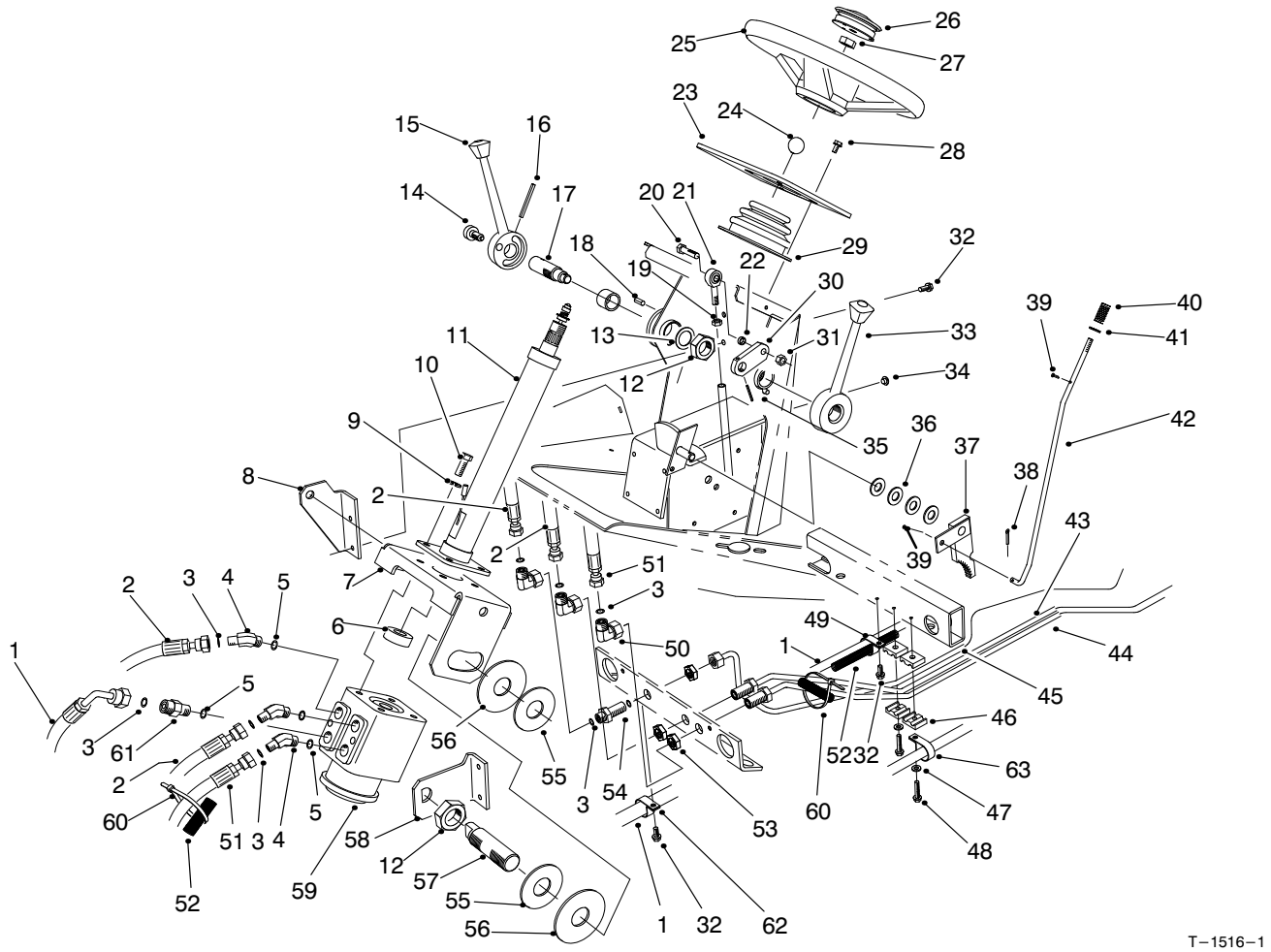


T−1777−1

TRACTION & BRAKE PEDALS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296−59	Nut − Lock	4
2	2411−36	Eye − Rod	3
3	3220−3	Nut − Jam	3
4	76−9690	Rod − Brake Linkage	2
7	74−9100	Pad − Forward Pedal	1
8	82−5190	Shaft − Traction Pedal	1
9	74−9110	Pad − Reverse Pedal	1
10	63−9751	Mount − Linkage Rod	1
11	88−1160	Rod − Traction Linkage	1
12	3274−19	Screw − Cap Socket Hd.	1
13	92−1367	Arm − Traction Linkage	1
14	323−9	Screw − Cap Hex. Hd.	1
15	82−4960	Pad − Brake	2
16	63−7880	Latch − Brake	1
17	3234−14	Screw − Hex. Flange Hd.	2
18	76−9680	Bearing Housing Assembly (Incl. Ref. #19)	1
19	256−90	Bushing − Flange	1
20	302−2	Fitting − Grease	1
21	92−5804	Pedal − Brake L.H.	1
22	256−10	Bushing − Flange	4
23	92−5805	Brake Pedal Assembly R.H. (Incl. Ref. #22 & 27)	1

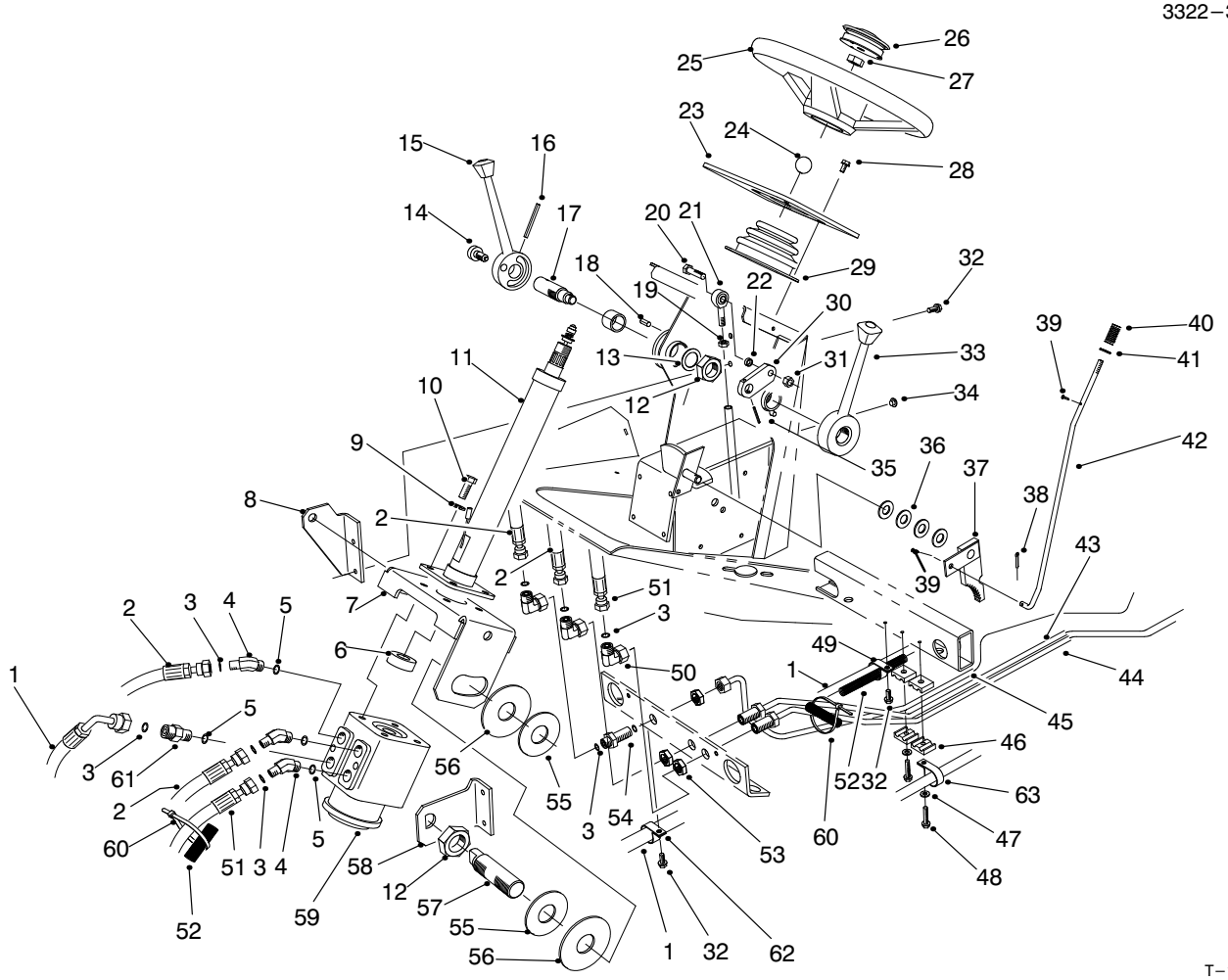
Ref. No.	Part No.	Description	No. Used
24	92−2586	Arm − Brake Linkage	2
25	32121−25	Pin − Roll	2
26	92−5806	Shaft − Brake	1
27	302−5	Fitting − Grease	3
28	32144−11	Screw − Hex. Flange Hd.	4
29	323−12	Screw − Cap Hex. Hd.	2
30	76−9030	Bearing Housing Assembly (Incl. Ref. #22 & 27)	1
31	322−21	Screw − Cap Hex. Hd.	3
32	66−1140	Hub	3
33	3296−42	Nut − Lock	1
34	63−8410	Washer	1
35	32121−50	Pin − Roll	1
36	32128−20	Nut − Lock	2
37	3256−24	Washer − Flat	1
38	74−6110	Stop − Pedal	1
39	66−2920	Washer − Nylon	1
40	3218−2	Nut − Jam	2
41	322−4	Screw − Cap Hex. Hd.	2
42	93−9423	Decal − Operation	1
43	3256−3	Washer − Flat	1
44	93−9414	Decal − Warning	1
45	32152−1	Nut − Lock	3



STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	86−5570	Assembly − Hose	1
2	86−3220	Assembly − Hose	2
3	237−22	O−Ring	10
4	340−138	Fitting − Hydraulic (Incl. Ref. #3 & 5)	3
5	237−79	O−Ring	4
6	21−9260	Cover − Dust	1
7	76−8140	Bracket − Steering	1
8	76−8160	Support − Steering	1
9	3253−21	Washer − Lock	4
10	323−6	Screw − Cap Hex. Hd.	4
11	74−3670	Assy. − Column, Steering	1
12	3296−49	Nut − Lock	2
13	10−8110	Washer − Thrust	1
14	82−4950	Plunger − Spring	1
15	74−5770	Lever − Shift	1
16	32121−10	Pin − Roll	1
17	74−5790	Shaft − Pivot	1
18	32121−123	Pin − Roll	2
19	3220−3	Nut − Jam	1
20	323−8	Screw − Cap Hex. Hd.	1
21	2411−36	Rod End	1
22	76−9100	Spacer	1
23	93−9415	Panel − Tower	1
24	233−17	Knob	1
25	68−8080	Wheel − Steering	1

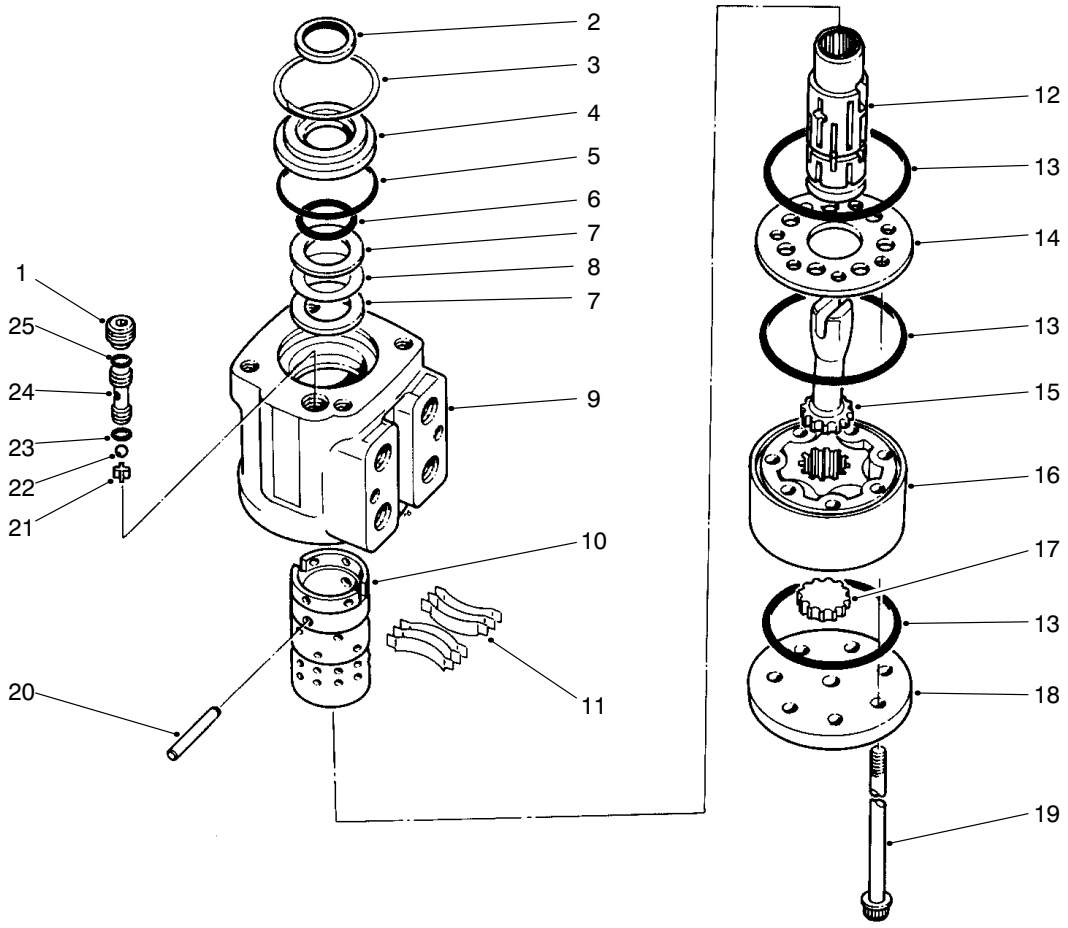
Ref. No.	Part No.	Description	No. Used
26	72−0130	Kit − Horn	1
27	47−6990	Nut	1
28	32144−4	Screw − Hex. Washer Hd.	4
29	76−9450	Boot − Column, Steering	1
30	84−0680	Link − Shift	1
31	3296−59	Nut − Lock	1
32	32144−11	Screw − Hex. Washer Hd.	6
33	69−1560	Lever − Lock	1
34	2410−64	Plug − Dome	2
35	32121−6	Pin − Roll	1
36	3256−26	Washer − Flat	4
37	63−7900	Rack − Brake	1
38	3272−10	Pin − Cotter	1
39	3272−5	Pin − Cotter	2
40	95−1821	Spring	1
41	3256−22	Washer − Flat	1
42	76−9050	Rod − Brake, Parking	1
43	86−5730	Assy. − Tube, R.H. Front	1
44	86−5740	Assy. − Tube, L.H. Front	1
45	94−8299	Assy. − Tube, Steering	1
46	56−7973	Clamp − Tube	4
47	3256−71	Washer − Flat	2
48	32144−57	Screw − Hex. Washer Hd.	2
49	2412−74	Clamp − R	2
50	340−159	Fitting − Hydraulic (Incl. Ref. #3)	3



STEERING TOWER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
51	86−3210	Assembly − Hose	1
52	95−4375	Harness − Wire	1
53	340−70	Nut − Bulkhead	3
54	340−71	Union − Bulkhead (Incl. Ref. #3)	1
55	20−9500	Washer	2
56	31−0390	Washer − Friction	2

Ref. No.	Part No.	Description	No. Used
57	76−8340	Shaft − Pivot, Steering	1
58	76−8150	Support − Shaft, Steering	1
59	92−9729	Valve − Control, Steering	1
60	3290−378	Tie − Cable	2
61	59−6430	Valve − Check (Incl. Ref. #3 & 5)	1
62	2412−104	Clamp − R	1



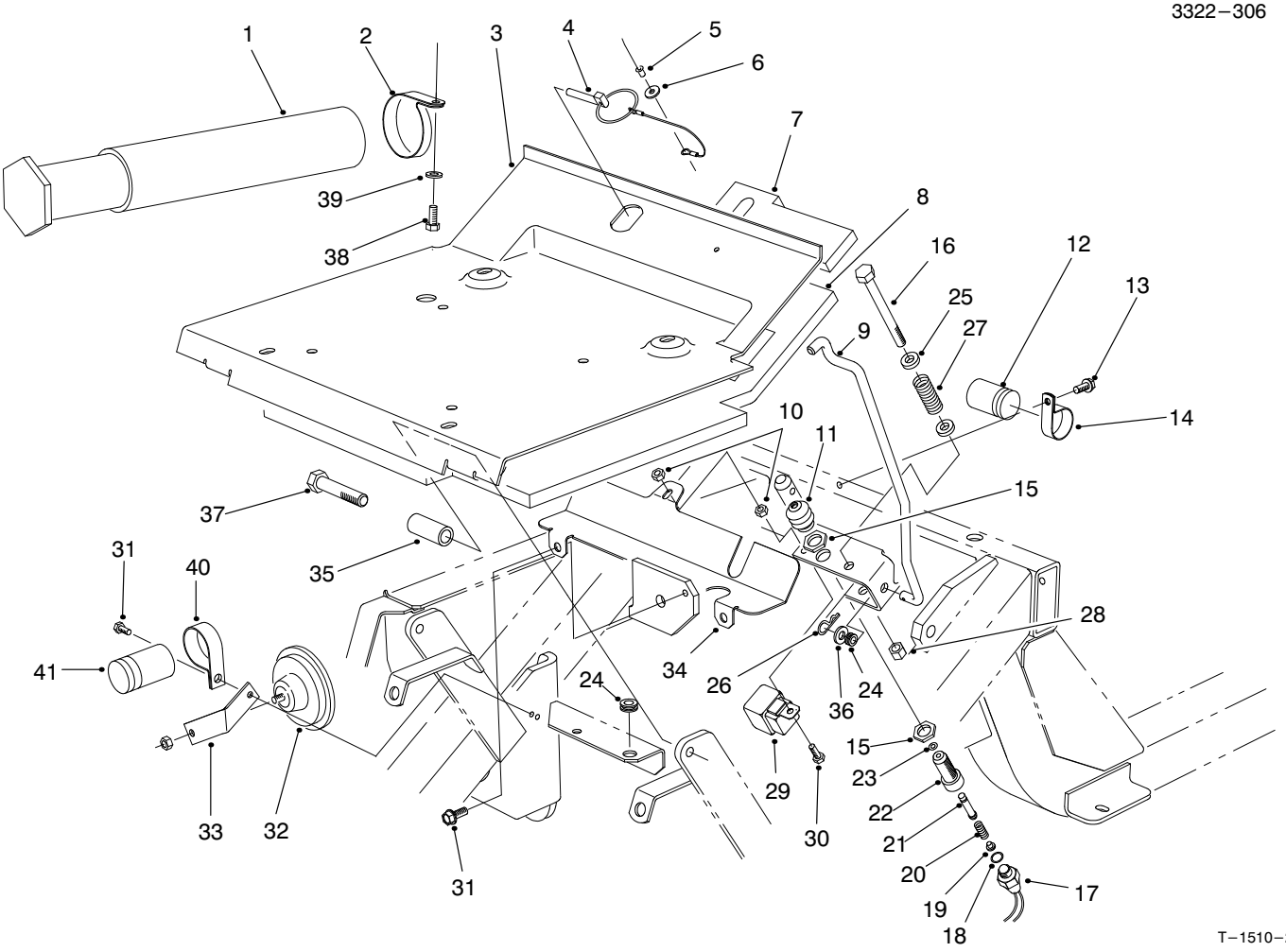
T−1007−1

POWER STEERING VALVE NO. 92−9729

Ref. No.	Part No.	Description	No. Used
1	52−9260	Screw−Set	1
†2		Seal−Dust	1
3	52−9230	Ring−Retaining	1
4	52−9240	Bushing−Seal, Gland	1
†5		Seal	1
†6		Seal−Ring, Quad	1
7	59−6730	Race−Bearing	2
8	59−6740	Bearing−Needle, Thrust	1
†9		Housing	1
†10		Sleeve−Control	1
11	59−6820	Centering Spring Kit	1
†12		Spool−Control	1
†13		Seal	3
14	92−9732	Plate − Wear	1
15	52−9320	Drive	1
16	76−6300	Gerotor	1

Ref. No.	Part No.	Description	No. Used
17	76−6320	Spacer	1
18	92−9730	Cap−End	1
19	92−9736	Screw−Cap	7
20	59−6830	Kit−Centering Pin	1
21	52−9290	Retainer−Check Ball	1
22	52−9280	Ball−Check	1
†23		Seal	1
24	52−9270	Seat−Ball, Check	1
†25		Seal	1
*	52−9250	Needle Bearing Kit (Incl. Ref. #7−8)	1
*	92−9749	Seal Kit (Incl. Ref. #2, 5−6, 13, 23 & 25)	1
*	92−9745	End Cap Kit (Incl. Ref. #14, 18 & 19)	1

*Not Illustrated
†Not Serviceable Separately

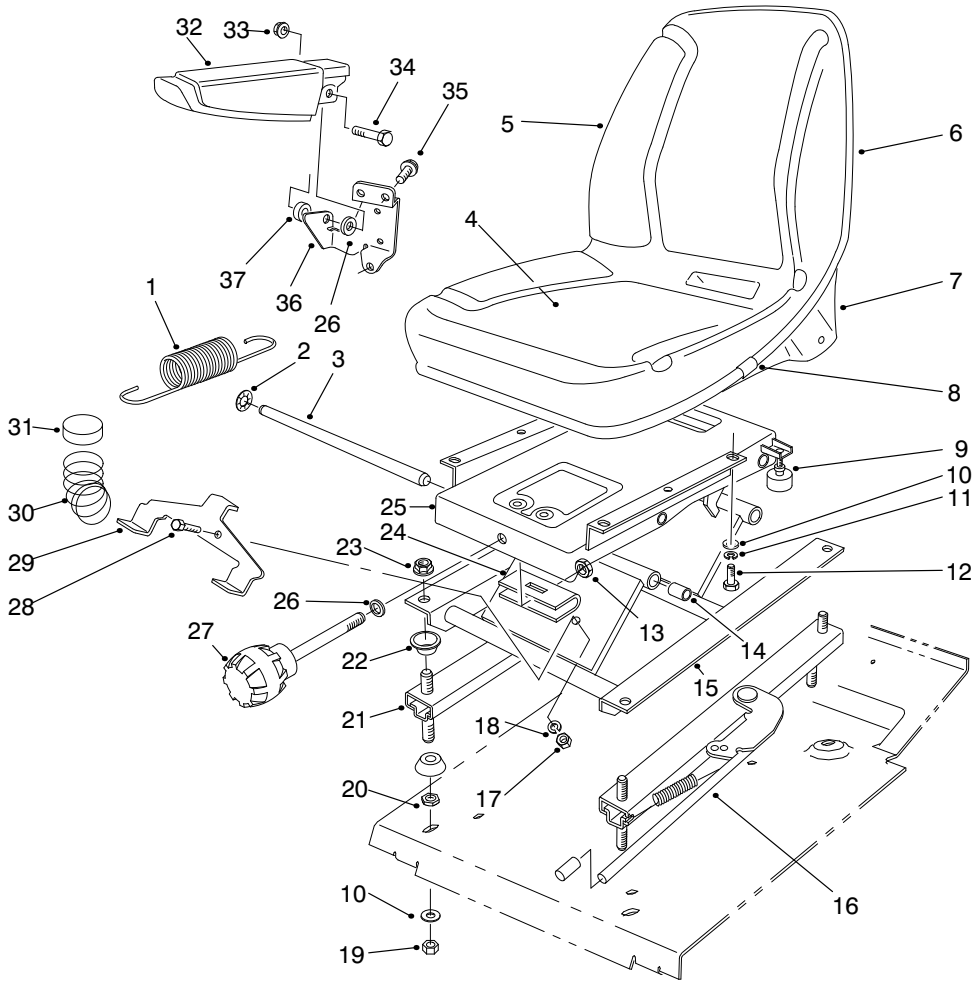


SEAT PLATE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74−0720	Tube − Manual	1
2	2412−133	Clamp − R	2
3	76−9460	Plate − Seat	1
4	77−3780	Pin − Lynch	1
5	3290−282	Rivet − Pop	1
6	3256−49	Washer − Flat	1
7	76−9930	Foam − Seat Plate Rear	1
8	82−4900	Foam − Seat Front	1
9	76−9440	Rod − Seat Prop	1
10	32128−33	Nut − Lock	2
11	43−8870	Boot − Switch	1
12	37−2690	Capacitor	1
13	32104−82	Screw − Hex. Washer Hd.	1
14	2412−74	Clamp	1
15	218−461	Nut − Hex	2
16	323−17	Screw − Hex. Hd.	1
17	72−4320	Switch − Ball	1
18	237−30	O−Ring	1
19	43−8610	Guide	1
20	43−8600	Spring − Switch	1
21	43−8860	Plunger − Switch	1
22	43−8620	Guide − Pin, Switch	1

Ref. No.	Part No.	Description	No. Used
23	237−7	O−Ring	1
24	237−136	Grommet	2
25	80−7730	Spacer	2
26	3290−307	Pin − Cotter, Hair	1
27	88−1420	Spring − Compression	1
28	3296−39	Nut − Lock	1
29	70−1480	Relay − SPDT	1
30	321−5	Screw − Cap Hex. Hd.	1
31	32144−11	Screw − Hex. Washer Hd.	3
32	48−4590	Horn	1
33	74−8910	Bracket − Horn	1
34	86−2860	Cover − Belt, Upper	1
35	76−9480	Sleeve − Pivot, Seal	2
36	3256−3	Washer − Flat	1
37	325−9	Screw − Cap Hex. Hd.	2
38	322−2	Screw − Cap Hex. Hd.	2
39	3256−23	Washer − Flat	2
40	2412−74	Clamp − R	1
41	37−2690	Capacitor	1
*	43−9071	Seat Switch Assembly (Incl. Ref. #11, 15, & 17−23)	1

*Not Illustrated



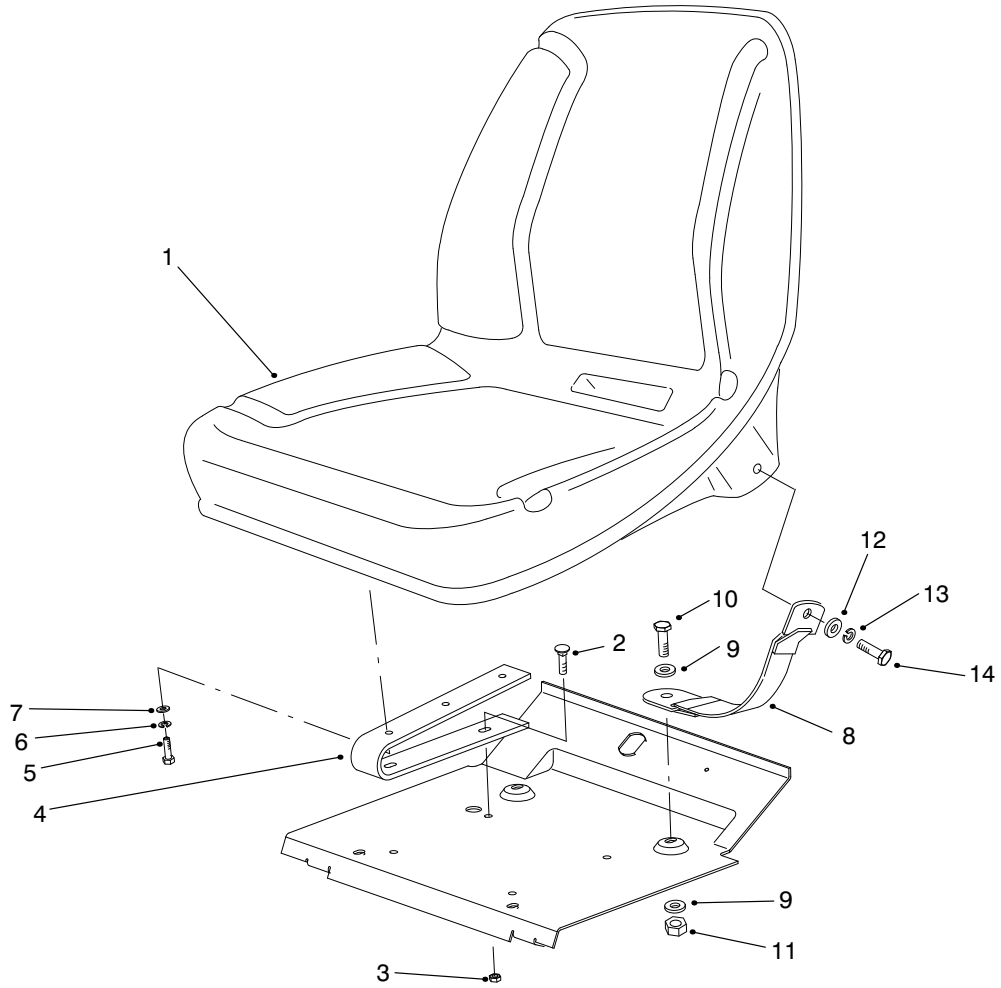
T−2244−1

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76−1940	Spring − Extension	2
2	66−8560	Nut − Push	4
3	76−1910	Shaft − Pivot	2
4	92−6533	Seat Cushion Assembly (Incl. Ref. #8)	1
5	92−1180	Seat Assembly (Incl. Ref. #4 & 6−8)	1
6	351−78	Edging − Seat	1
7	92−6534	Shell − Seat	1
8	351−80	Clip − Edging	1
9	76−2940	Bumper	2
10	3256−2	Washer − Flat	8
11	3253−4	Washer − Lock	4
12	322−3	Screw − Cap Hex. Hd.	4
13	32153−2	Nut − Lock	1
14	76−1920	Bearing − Sleeve	4
15	66−8610	Frame − Lower	1
16	66−8510	Adjuster & Handle	1
17	3217−6	Nut − Hex.	1
18	3253−33	Washer − Lock	1

Ref. No.	Part No.	Description	No. Used
19	3296−29	Nut − Lock	4
20	3218−2	Nut − Jam	4
21	66−8530	Adjuster	1
22	66−9290	Spacer − Suspension	8
23	32128−25	Nut − Flange Lock	4
24	77−2870	Hanger − Spring	1
25	66−8600	Frame − Upper	1
26	3256−24	Washer − Flat	3
27	76−1930	Knob − Adjustment	1
28	322−6	Screw − Cap Hex. Hd.	1
29	93−3165	Bracket − Spring	1
30	93−3163	Spring − Compression	2
31	93−3164	Cup − Spring	2
32	69−1180	Armrest	2
33	32128−19	Nut − Flange Lock	2
34	323−9	Screw − Cap Hex. Hd.	2
35	3234−14	Screw − Hex. Flange Hd.	6
36	69−0770	Bracket − Armrest R.H.	1
*	69−0760	Bracket − Armrest L.H.	1
37	92−7301	Spacer	2

*Not Illustrated

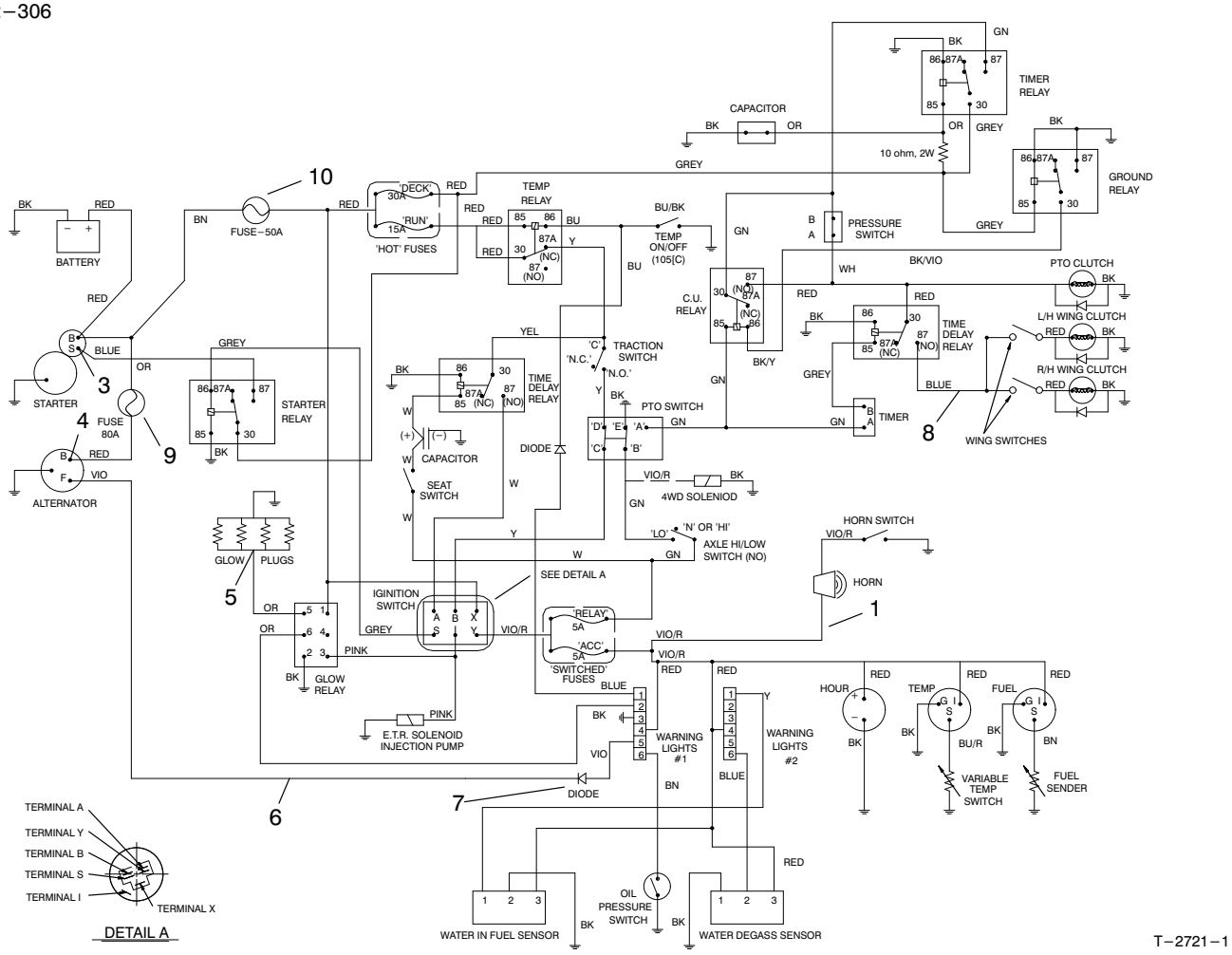


T−2245−1

LOW SEAT ASSEMBLY (Optional)

Ref. No.	Part No.	Description	No. Used
1	92−1180	Seat Assembly	1
2	3230−16	Bolt − Carriage	4
3	3296−29	Nut − Lock	4
4	68−3280	Spring − Seat	2
5	322−4	Screw − Cap Hex. Hd.	4
6	3253−4	Washer − Lock	4
7	3256−2	Washer	4

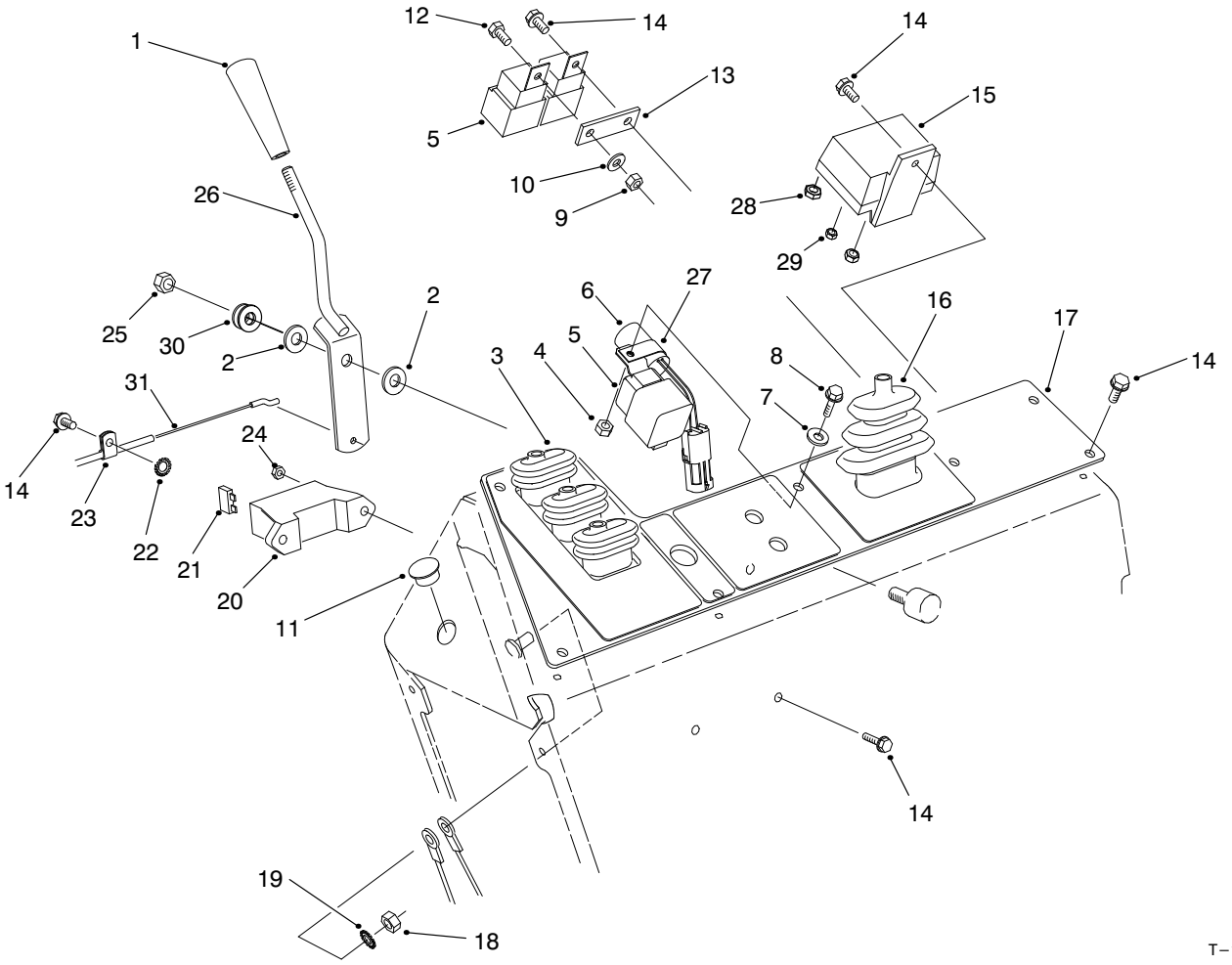
Ref. No.	Part No.	Description	No. Used
8	92−5521	Tether Strap	2
9	3256−24	Washer	4
10	323−6	Screw − Cap Hex. Hd.	2
11	3296−39	Nut − Lock	2
12	3256−5	Washer − Flat	2
13	3253−6	Washer − Lock	2
14	3212−5	Screw − Cap Hex. Hd.	2



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	86−5470	Harness − Front	1
3	48−7930	Nut − Hex	1
4	48−7890	Nut − Hex.	1
5	48−7880	Nut − Hex.	2
6	94−5623	Harness − Wire, Main (Incl. Ref. #7)	1

Ref. No.	Part No.	Description	No. Used
7	86−7470	Diode	4
8	95−4375	Harness − Wire, Deck	1
9	94−8001	Fuse − Blade, 80 Amp	1
10	94−8002	Fuse − Blade, 50 Amp	1



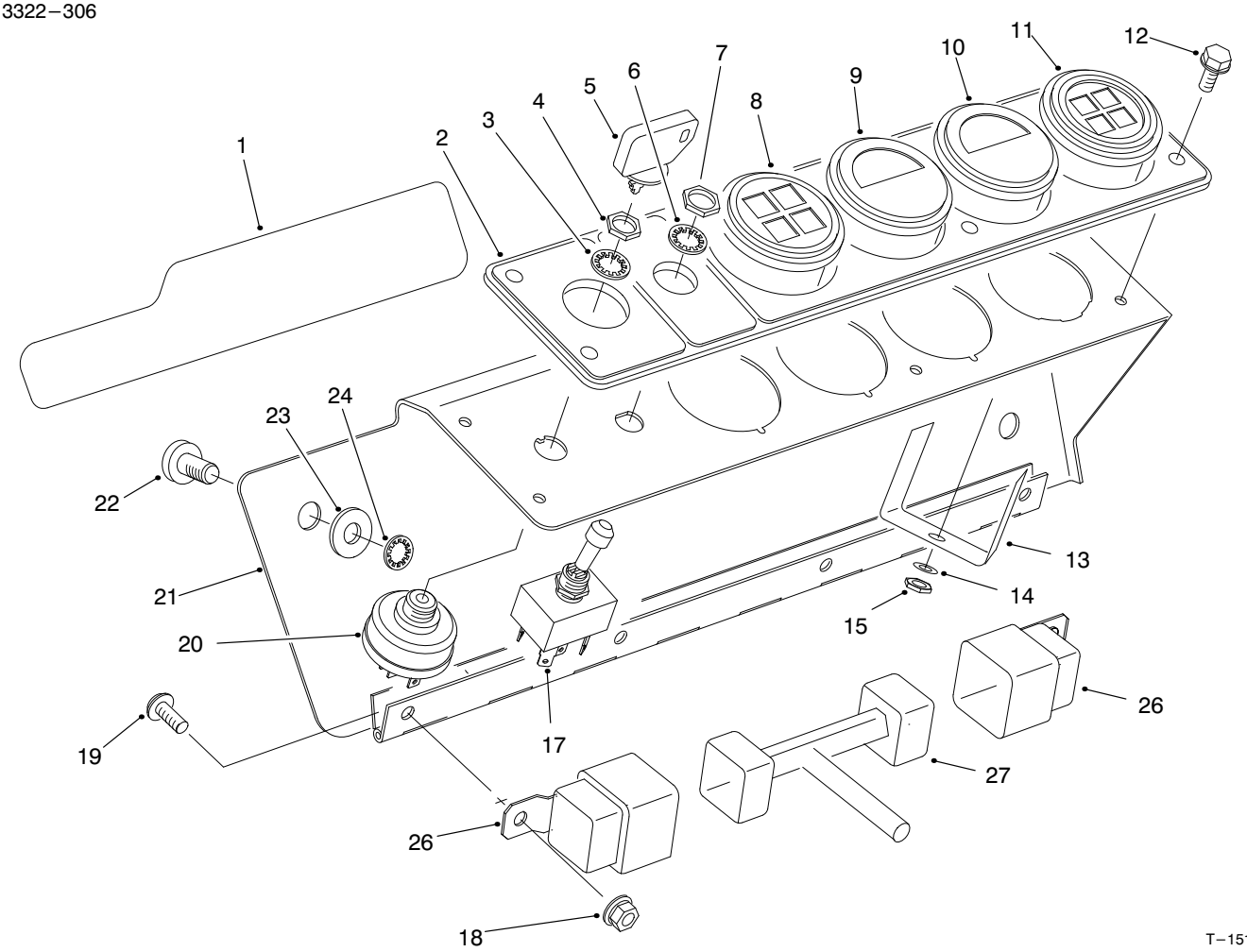
T−1492−1

CONTROL CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233−39	Knob − Throttle	1
2	66−2920	Washer − Friction	2
3	76−8450	Boot − Lift Lever	1
4	3290−148	Nut − Lock	1
5	70−1480	Relay − Sealed	3
6	83−2280	Timer − Delay	1
7	3256−77	Washer − Flat	1
8	3290−126	Screw − Hex. Washer Hd.	3
9	3296−42	Nut − Lock	2
10	3256−78	Washer − Flat	1
11	94−5627	Plug	1
12	321−2	Screw − Cap Hex. Hd.	1
13	77−3970	Spacer − Relay	1
14	32144−4	Screw − Hex. Washer Hd.	10
15	76−5260	Relay − Glow Plug	1
16	76−8440	Boot − Throttle	1
17	93−9422	Panel − Console	1

Ref. No.	Part No.	Description	No. Used
18	3296−47	Nut − Lock	1
19	3255−8	Washer − Lock Ext. Tooth	1
20	67−7160	Holder − Fuse	1
21	218−573	Fuse − 5A	2
21	218−581	Fuse − 15A	1
*	218−593	Fuse − 30A	1
22	3255−7	Washer − Lock Ext. Tooth	1
23	2412−31	Clip − Conduit	1
24	3296−12	Nut − Lock	2
25	3296−44	Nut − Lock	1
26	76−4300	Lever − Throttle	1
27	2412−39	R−Clamp	1
28	48−7880	Nut − Hex.	1
29	48−7890	Nut	1
30	3256−24	Washer	1
31	74−5480	Cable − Throttle	1

*Not Illustrated

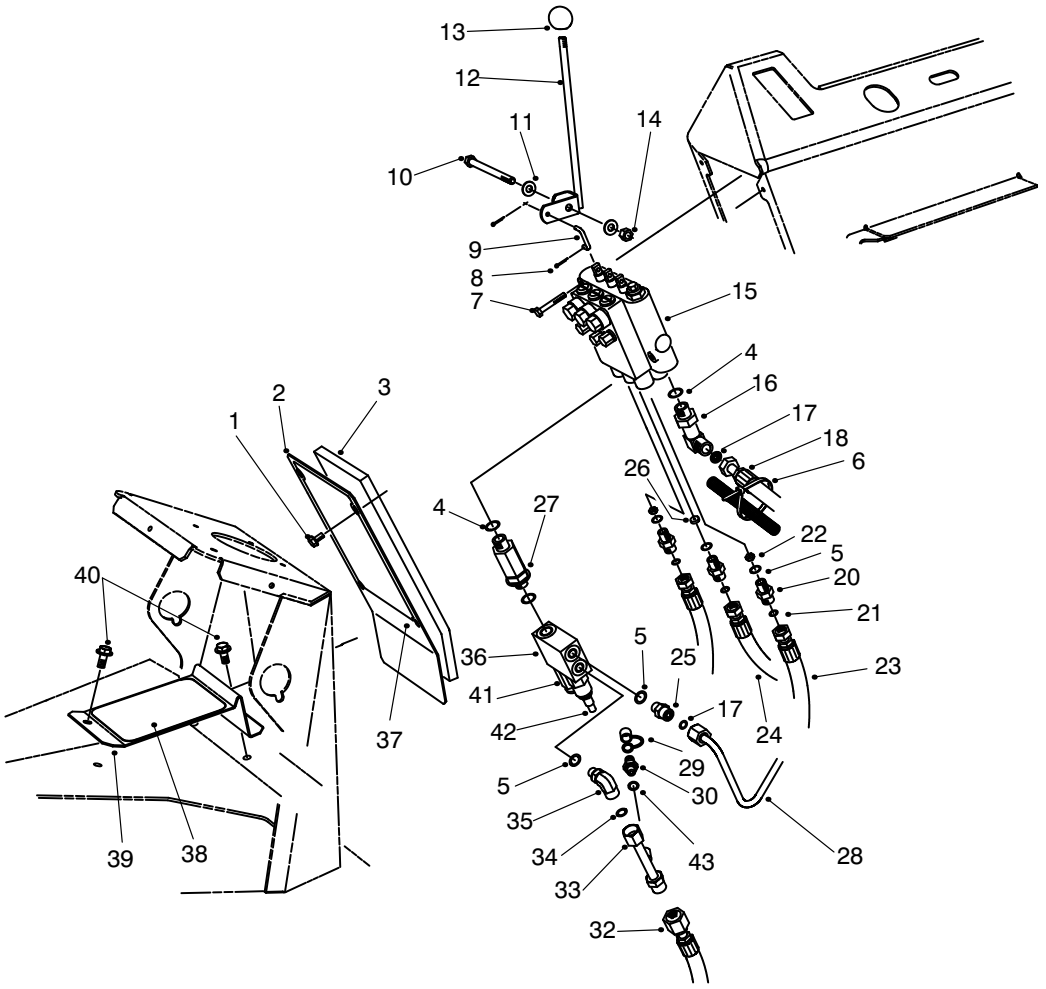


GAGE PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92−6564	Decal − 4 Matic	1
2	93−9416	Panel − Gauge	1
3	218−446	Washer − Lock	1
4	218−447	Nut − Hex.	1
5	63−8360	Key − Ignition	1
6	3254−20	Washer − Lock, Int. Tooth	1
7	3218−19	Nut − Hex.	2
8	93−7483	Light − Warning Bank (Ind. Ref. #13−16 & 25)	1
9	76−9060	Gauge − Temperature	1
10	66−2940	Gauge − Fuel	1
11	93−7484	Light − Warning Bank (Incl. Ref. #13−16 & 25)	1
12	32144−4	Screw − Hex. Washer Hd.	6
13		Clamp	2
14	3254−1	Washer − Lock	2

Ref. No.	Part No.	Description	No. Used
15	3217−26	Nut	2
*16	219−17	Bulb	4
17	85−4980	Switch − Toggle (Incl. Ref. #6−7)	1
18	32128−33	Nut − Flange Lock	4
19	3274−68	Screw − Socket Button Hd.	4
20	27−2360	Switch − Ignition (Incl. Ref. #3−4)	1
21	82−3750	Cover − Console	1
22	3250−36	Screw	2
23	3256−3	Washer	2
24	32151−72	Retainer − Push−On	2
*25	87−6270	Socket − Light	4
26	70−1480	Relay	2
27	94−5629	Harness − Wire	1

*Not Illustrated



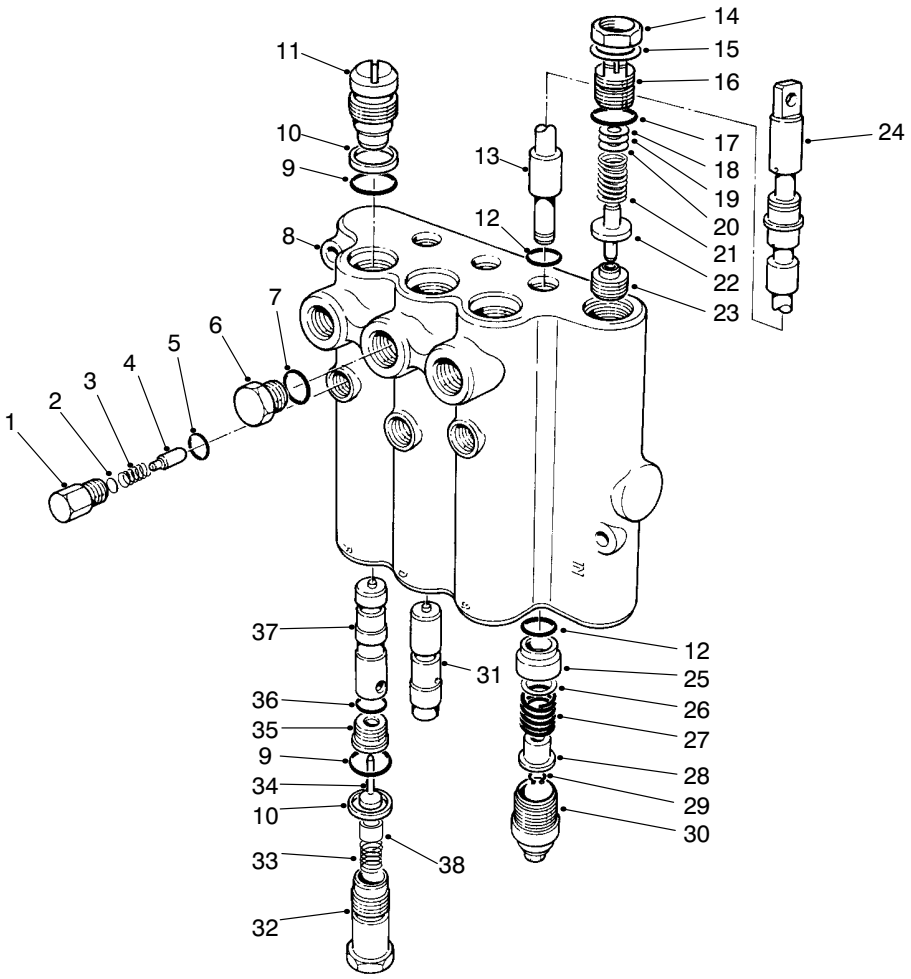
T−1504−1

LIFT VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46−6810	Assy. − Screw & Washer	4
2	76−7090	Cover − Front, Control	1
3	76−6270	Foam − Panel	1
4	237−79	O−Ring	3
5	237−42	O−Ring	5
6	3290−379	Tie − Cable	1
7	321−10	Screw − Cap Hex. Hd.	2
8	3272−1	Pin − Cotter	6
9	69−9140	Link − Lever, Valve	3
10	323−17	Screw − Cap Hex. Hd.	1
11	3256−24	Washer − Flat	2
12	74−6060	Lever − Valve, R.H.	1
*	74−6050	Lever − Valve, Center	1
*	69−7010	Lever − Valve, L.H.	1
13	233−42	Knob	3
14	3296−39	Nut − Lock	1
15	92−7762	Lift Valve Assembly	1
16	63−4090	Fitting − Adapter 90˚ (Incl. Ref. #4 & 17)	1
17	237−22	O−Ring	2
18	95−4354	Assembly − Hose	1
20	88−1380	Fitting − Adapter (Incl. Ref. #5 & 21)	3
21	237−21	O−Ring	3
22	86−2501	Orifice	2
23	86−3190	Assembly − Hose	2

Ref. No.	Part No.	Description	No. Used
24	86−3180	Assembly − Hose	1
25	340−2	Fitting − Adapter (Incl. Ref. #5 & 17)	1
26	84−6402	Orifice	1
27	74−5910	Fitting − Bulkhead, Special (Incl. Ref. #4)	1
28	86−5770	Assy. Tube, Relief Valve	1
29	353−947	Cap − Fitting	1
30	354−77	Fitting − Test Port (Incl. Ref. #43)	1
32	86−3230	Assembly − Hose	1
33	86−5760	Assy. − Tube, Deck Return	1
34	237−30	O−Ring	1
35	340−99	Fitting − Hydraulic 90˚ (Incl. Ref. #5 & 34)	1
36	86−5440	Valve − Relief, Dual (Incl. Ref. #41 & 42)	1
37	93−7242	Decal − Service	1
38	76−7040	Pad − Foot	1
39	82−5300	Support − Heel	1
40	32144−11	Screw − Hex. Washer Hd.	2
41	88−1520	Cartridge − Relief	1
42	88−1530	Cartridge − Relief	1
43	237−78	O−Ring	1
*	75−2080	Seal Kit San Diego (for Ref. #41−42)	1

*Not Illustrated



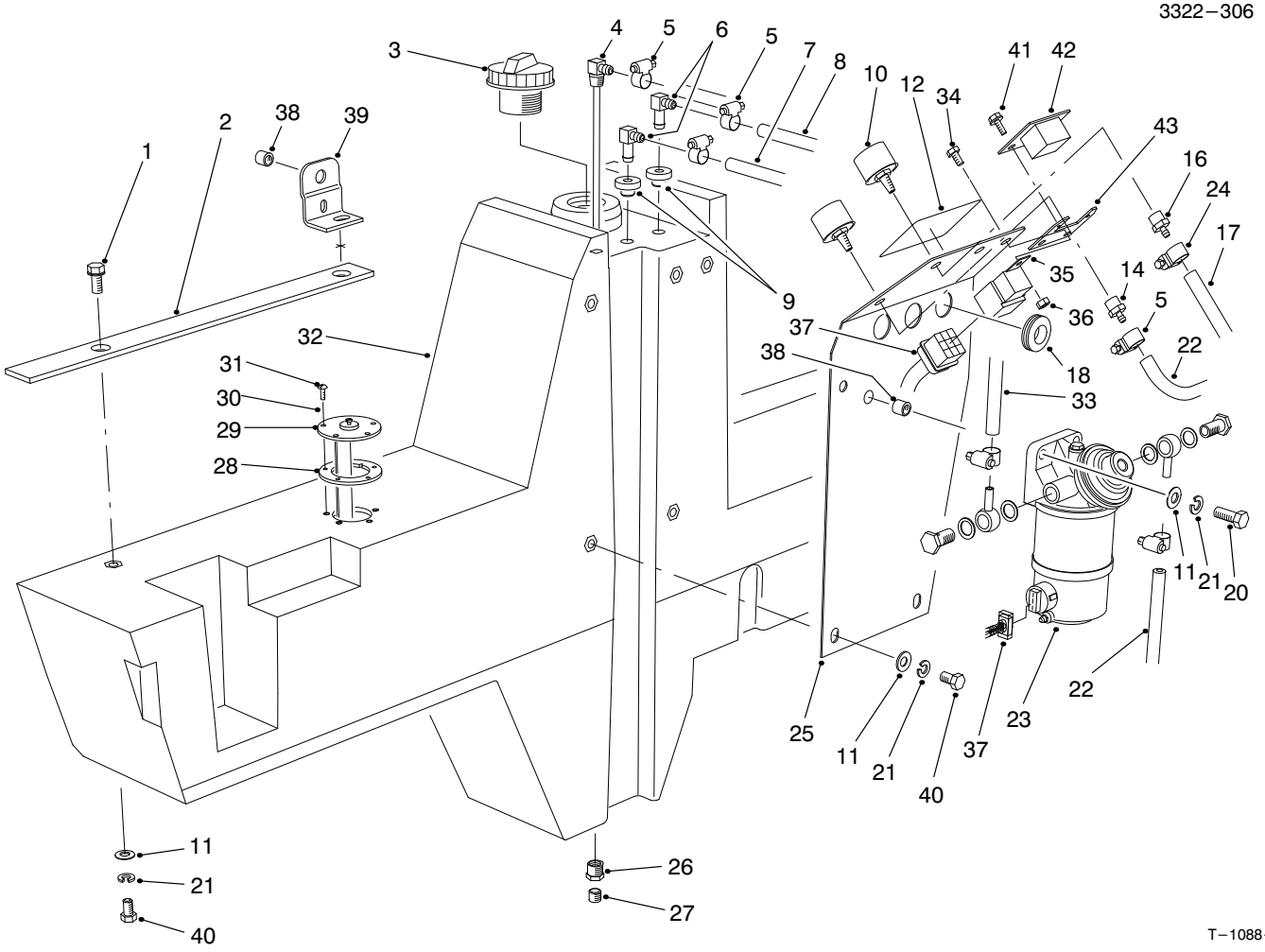
T−0379−1

LIFT VALVE ASSEMBLY NO. 92−7762

Ref. No.	Part No.	Description	No. Used
1	58−6780	Plug Assembly (Incl. Ref. #5)	3
2	60−6450	Disc	A/R
3	58−6760	Spring	3
4	58−6770	Plunger − Detent	3
5	58−6790	Seal − O−Ring	3
6	353−508	Plug Assembly (Incl. Ref. #7)	3
7	58−6720	Seal − O−Ring	3
†8		Body	1
9	60−5720	Seal − O−Ring	6
10	58−6370	Washer − Back−Up	6
11	58−6350	Plug Assembly (Incl. Ref. #9−10)	3
12	58−6450	Seal − O−Ring	6
†13		Spool	3
†14		Nut − Lock	1
†15		Washer	1
16	69−1830	Plug Assembly (Incl. Ref. #14, 15 & 17)	1
17	58−6750	Seal − O−Ring	1
18	58−6470	Washer	A/R
19	58−6480	Washer	A/R
20	58−6490	Washer	A/R

Ref. No.	Part No.	Description	No. Used
21	92−2567	Spring	1
22	92−2568	Poppet	1
†23		Seat	1
24	58−6320	Wiper − Seal	3
25	58−6400	Bushing	3
26	58−6700	Washer	3
27	58−6730	Spring	3
28	58−6310	Spacer	3
29	58−6460	Ring − Retaining	3
30	58−6420	Cap Assembly	3
31	84−6430	Plunger	1
32	92−7780	Plug Assembly (Inc. Ref. #9−10)	3
33	92−7778	Spring	3
34	58−6290	Poppet Assembly	3
35	58−6330	Seat Assy. (Incl. Ref. #36)	3
36	58−6340	Seal − O−Ring	3
37	84−6420	Plunger	2
38	92−7779	Eyelet	3
*	60−3780	Seal Kit (Incl. Ref. #5, 7, 9, 10, 12, 12, 17, 24, 29, 34, & 36)	1

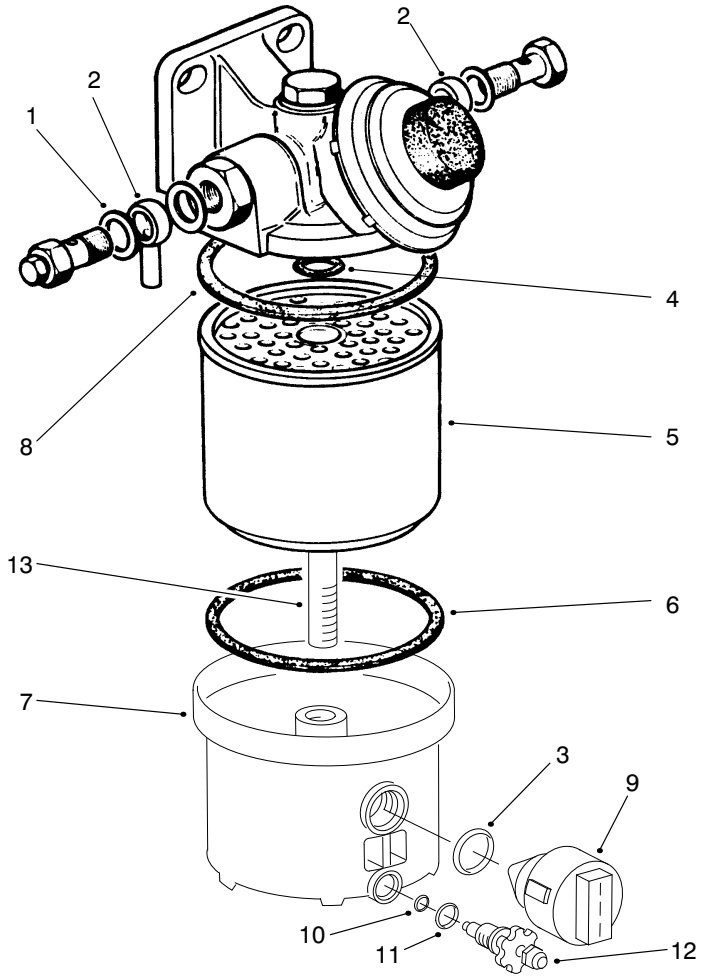
*Not Illustrated
†Not Serviceable Separately



FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234−12	Screw − Hex. Washer Hd.	2
2	76−9790	Foam − Fuel Tank	1
3	93−3102	Cap − Fuel	1
4	76−6600	Pipe − Stand	1
5	2412−108	Clamp − Hose	6
6	46−6550	Fitting − Fuel 90˚	2
7	63−7626	Hose − Fuel	1
8	63−7627	Hose − Fuel	1
9	46−6560	Bushing − Rubber	2
10	68−6150	Breather	2
11	3256−24	Washer − Flat	9
12	93−9420	Decal − Fuel	1
14	354−95	Fitting − Barb	1
16	354−94	Fitting − Barb	1
17	74−9122	Hose − Vent	1
18	240−6	Grommet	3
20	323−7	Screw − Cap Hex. Hd.	2
21	3253−21	Washer − Lock	9
22	63−7622	Hose − Fuel	2
23	76−5300	Fuel Filter Assembly (Supplied with engine)	1

Ref. No.	Part No.	Description	No. Used
24	2412−36	Clamp − Hose	1
25	14−0859	Fuel Tank Plate Assembly (Incl. Ref. #38)	1
26	2812−1	Fitting − Reducing Bushing	1
27	285−22	Plug − Pipe	1
28	62−7650	Gasket − Sending Unit	1
29	74−5860	Sending Unit − Fuel	1
30	3253−15	Washer − Lock	5
31	32122−24	Screw − Round Hd.	5
32	74−5580	Tank − Fuel (Incl. Ref. #26 & 27)	1
34	321−3	Screw − Cap Hex. Hd.	2
35	70−1480	Relay − Starter	1
36	3296−42	Nut − Lock	2
37	94−5623	Harness − Wire, Main	1
38	32148−10	Insert − Threaded	3
39	82−3660	Bracket − Cover	1
40	323−4	Screw − Cap Hex. Hd.	7
41	32144−18	Screw − Hex. Washer Hd.	2
42	75−6820	Hour Meter	1
43	94−5614	Bracket − Hour Meter	1



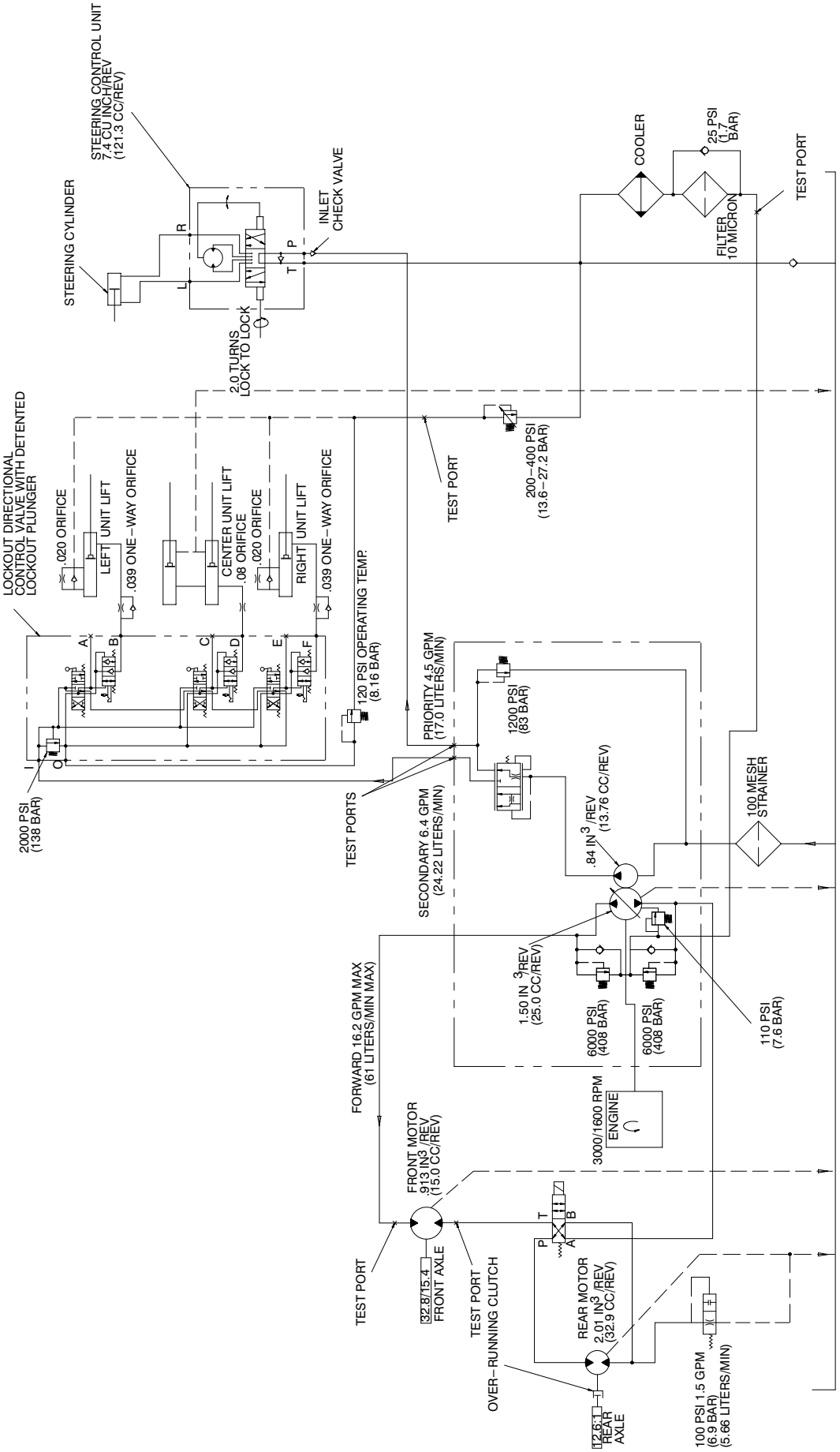
T−0966−2

FUEL FILTER ASSEMBLY NO. 76−5300

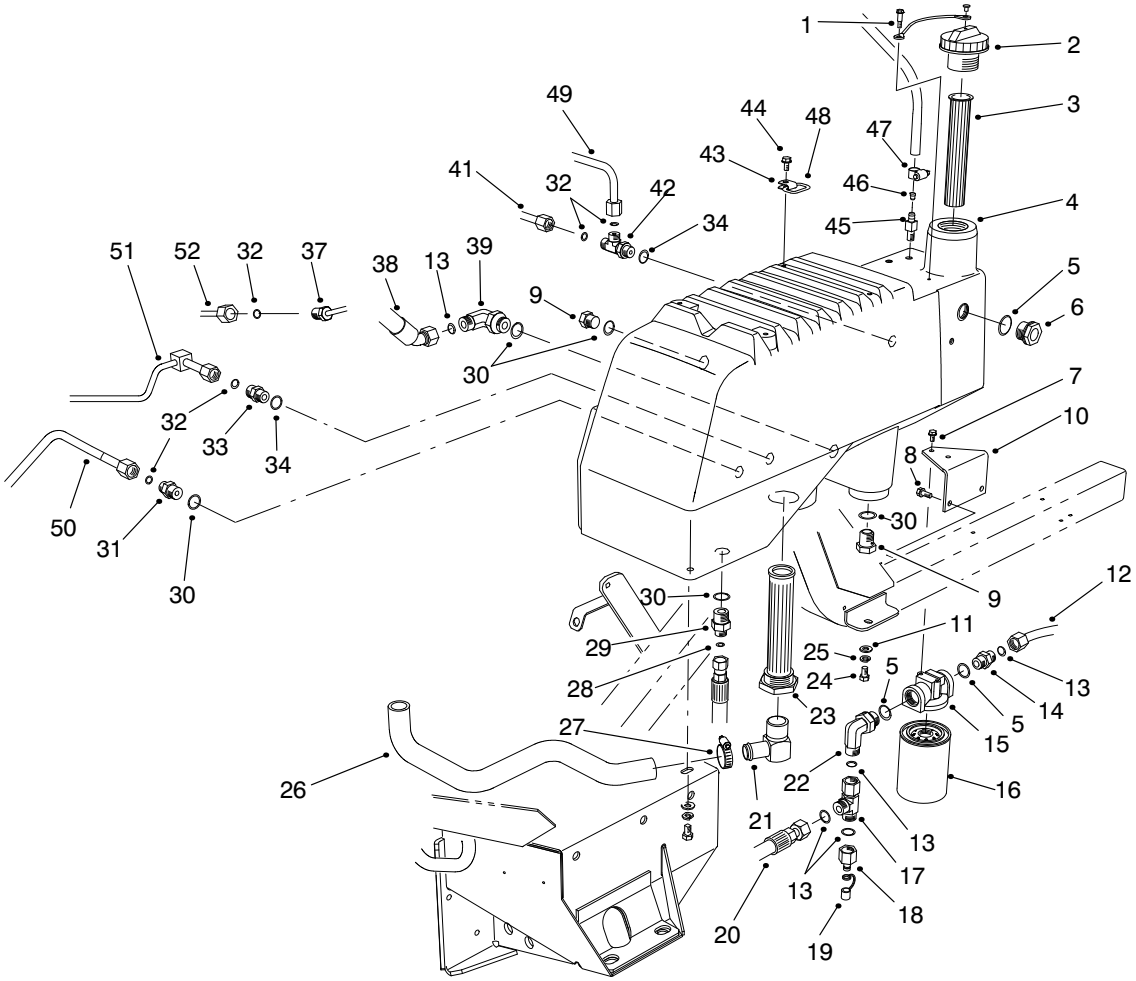
Ref. No.	Part No.	Description	No. Used
1	76−5180	Washer − Copper	4
2	76−5190	Fitting − Adjustable	2
3	94−8025	O−Ring	1
4		Seal − O−Ring	1
5	76−5220	Element − Filter (Incl. Ref. #4, 6 & 8)	1
6		Seal − Gasket	1
7		Cap − Fuel Filter	1

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

HYDRAULIC SCHEMATIC



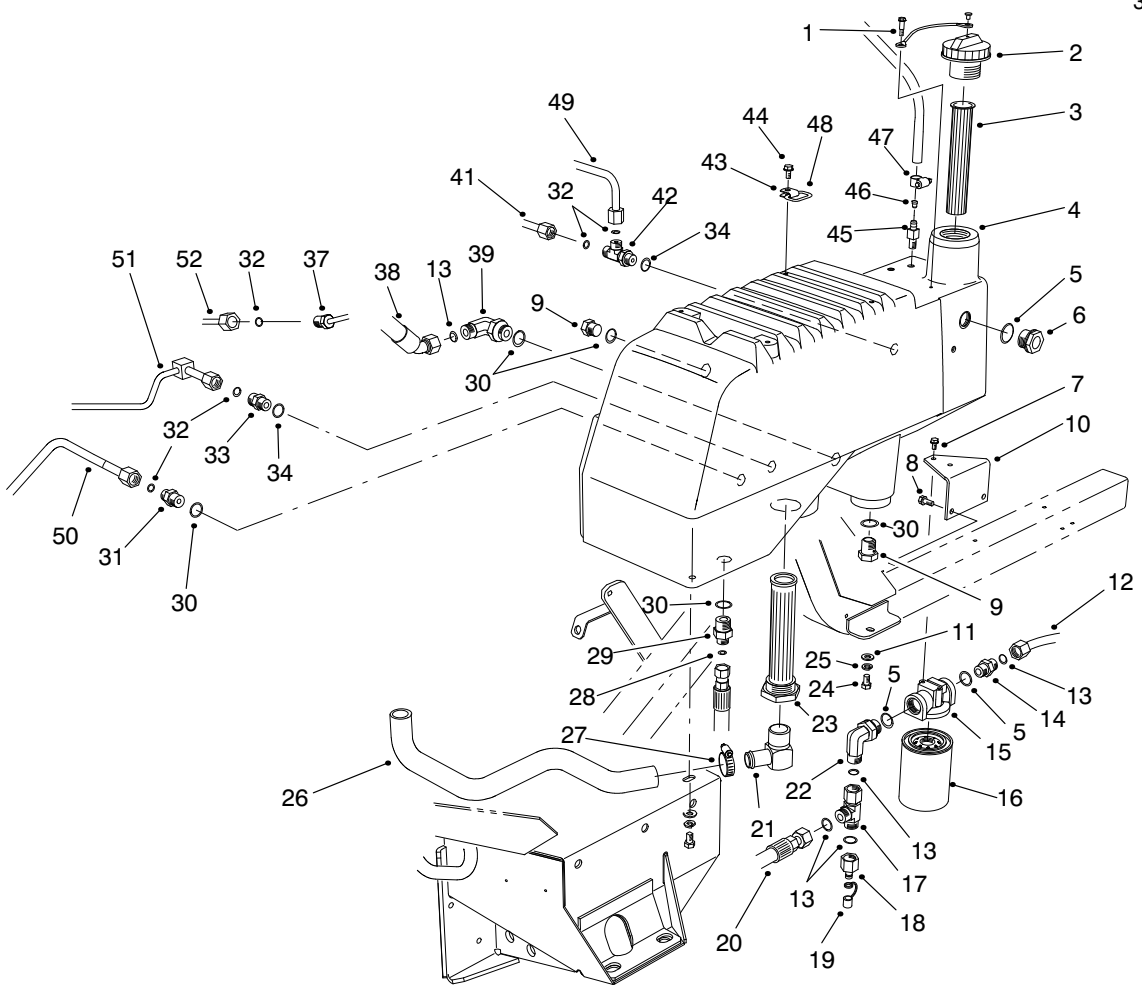
T–1496–1



T−2704−1

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	57−5420	Screw − Shoulder	1
2	93−7160	Cap − Oil	1
3	61−2790	Screen	1
4	82−3700	Reservoir − Hydraulic	1
5	237−81	O−Ring	3
6	69−1170	Gauge − Sight (Incl. Ref. #5)	1
7	3234−13	Screw − Hex. Washer Hd.	2
8	32144−11	Screw − Hex. Washer Hd.	2
9	353−551	Plug (Incl. Ref. #30)	2
10	92−5840	Bracket − Mount, Filter	1
11	240−11	Grommet	3
12	74−6400	Assembly − Tube, Filter Line	1
13	237−65	O−Ring	5
14	340−8	Fitting − Adapter (Incl. Ref. #5 & 13)	1
15	92−5821	Assembly − Head, Filter	1
16	86−3010	Filter − Transmission	1
17	340−147	Fitting − Hydraulic (Incl. Ref. #13)	1
18	86−5860	Nipple	1
19	353−947	Cap − Fitting	1
20	86−5500	Assembly − Hose	1
21	354−87	Fitting − Hydraulic 90˚	1
22	340−139	Fitting − Hydraulic (Incl. Ref. #5 & 13)	1
23	75−0550	Strainer − Tank	1
24	323−5	Screw − Cap Hex. Hd.	3
25	63−8410	Washer − Flat	3
26	86−2800	Hose − Suction	1
27	2412−34	Clamp − Hose	1
28	237−22	O−Ring	1
29	340−141	Fitting − Hydraulic (Incl. Ref. #28 & 30)	1
30	237−80	O−Ring	5
31	340−6	Fitting − Adapter (Incl. Ref. #30 & 32)	1
32	237−30	O−Ring	5
33	340−4	Fitting − Hydraulic (Incl. Ref. #32 & 34)	1
34	237−79	O−Ring	2
37	94−8298	Hydraulic Tube Assembly	1
38	86−3150	Assembly − Hose	1
39	340−17	Fitting − Hydraulic 90˚ (Incl. Ref. #13 & 30)	1
41	74−6230	Assy. − Tube, Traction	1
42	340−10	Fitting − Tee (Incl. Ref. #32 & 34)	1
43	76−9950	Bracket − Ring	4
44	32144−4	Screw − Thread Forming	4

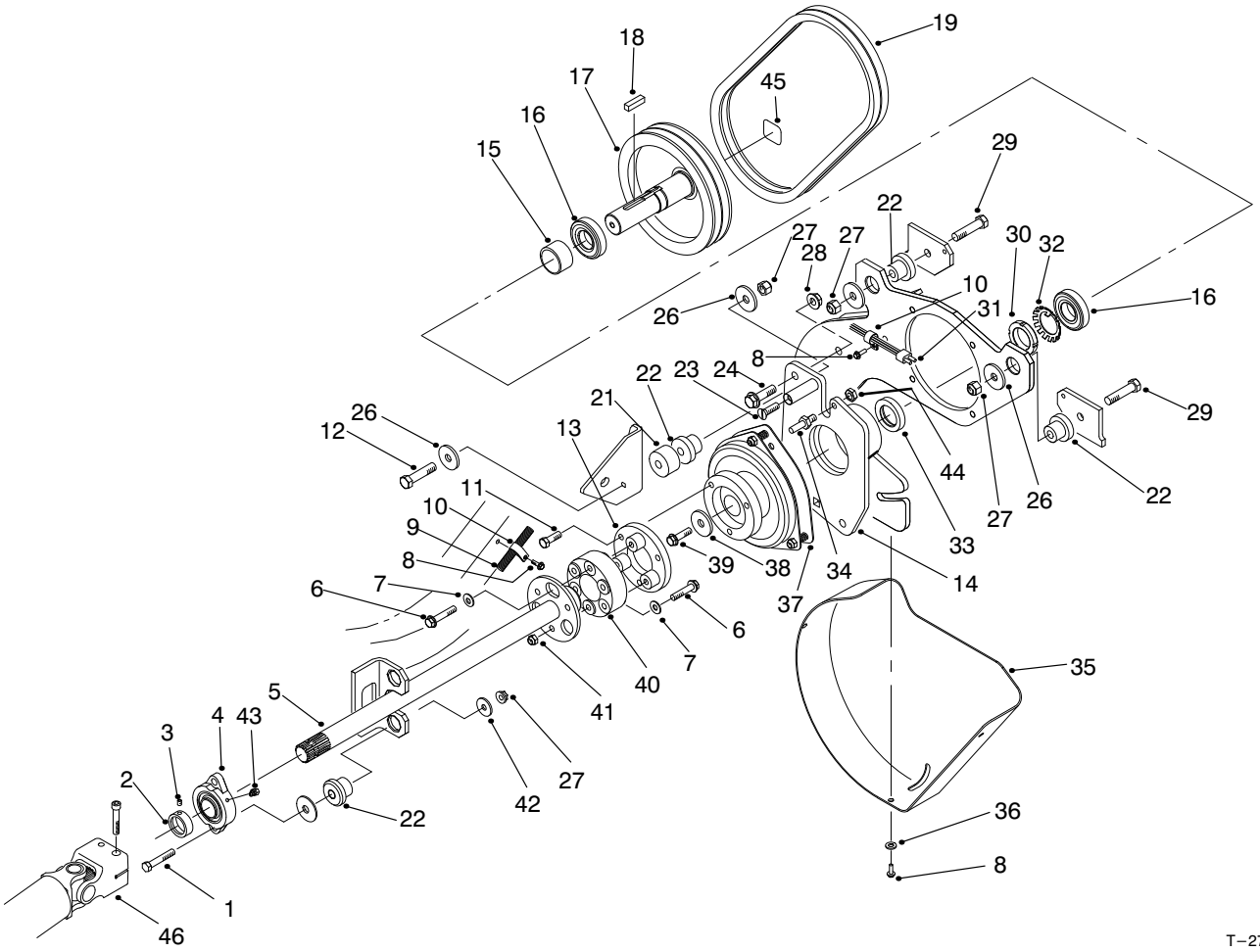


T−2704−1

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
45	354−103	Male Hose Barb	1
46	74−4080	Orifice − Breather	1
47	2412−36	Clamp − Hose	1
48	249−49	Ring	4

Ref. No.	Part No.	Description	No. Used
49	86−5810	Assembly − Tube	1
50	86−5750	Tube Assembly	1
51	94−8299	Tube Assembly − Steering	1
52	86−5770	Tube Assembly − Relief	1

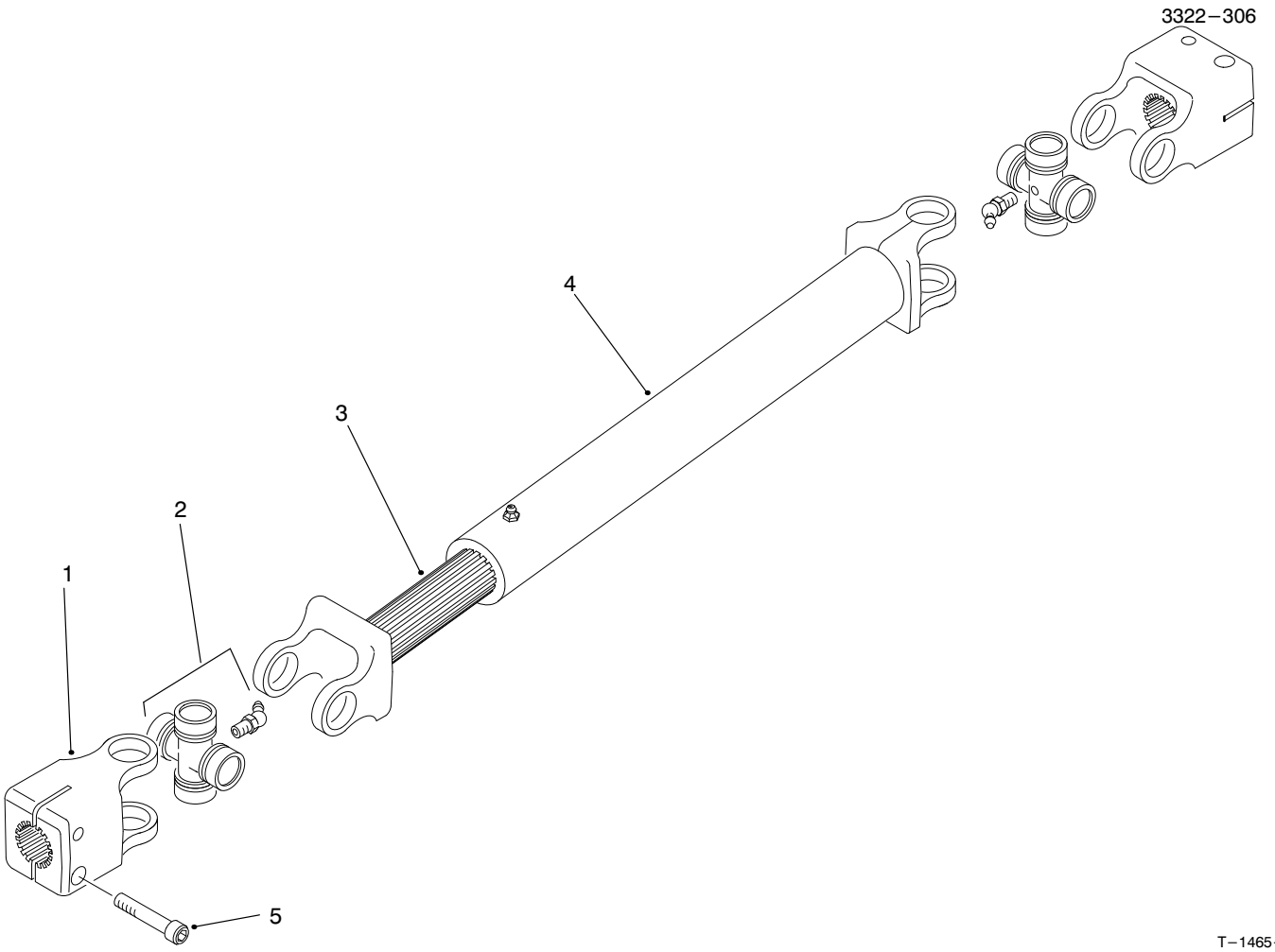


T−2706−1

PTO SHAFT & CLUTCH ASSEMBLY

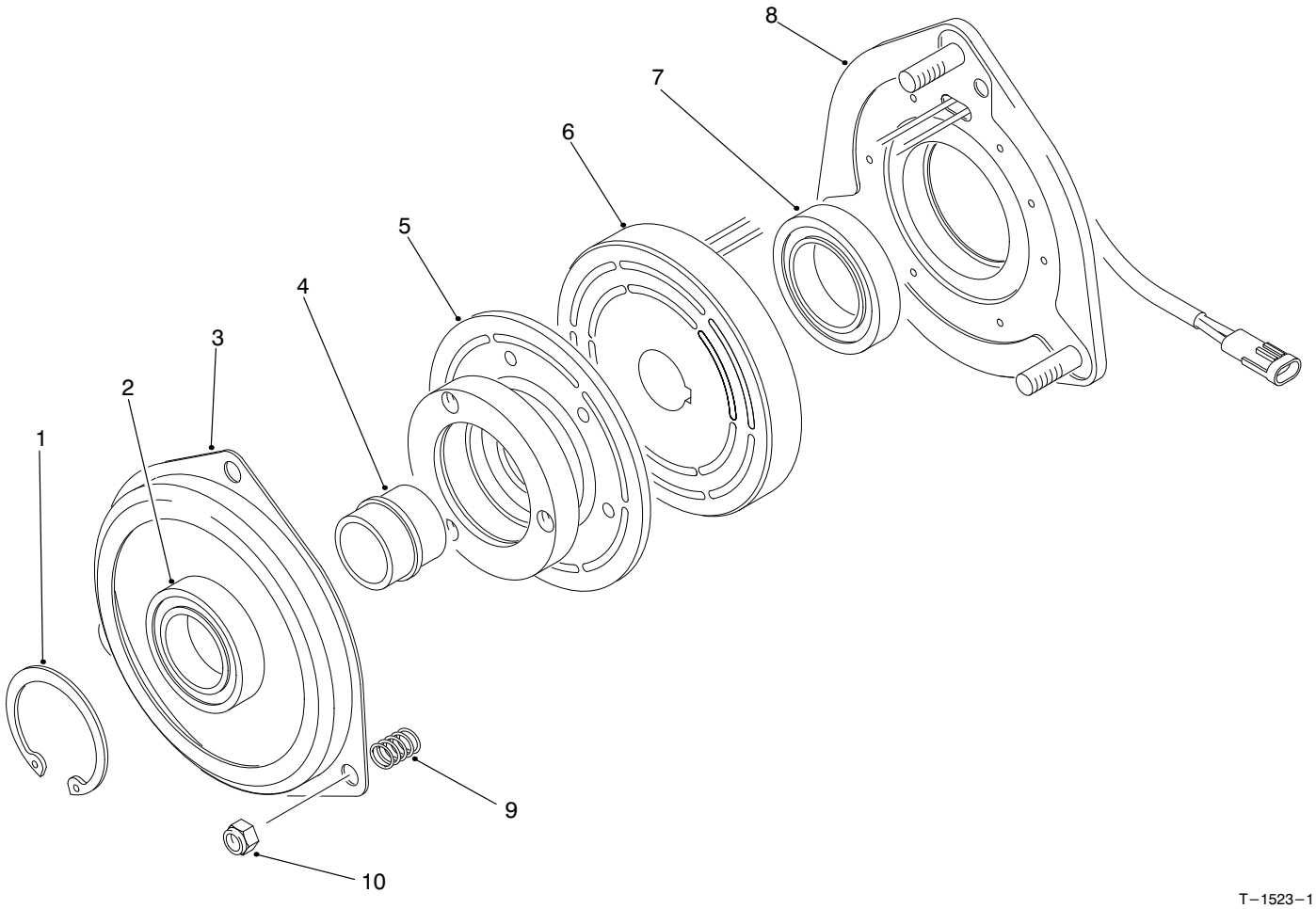
Ref. No.	Part No.	Description	No. Used
1	3274−71	Screw − Soc. Hex. Hd.	2
2		Collar − Bearing	1
3		Screw − Set	1
4	86−5620	Bearing (Incl. Ref. 2 & 3)	1
5	84−1320	Shaft − P.T.O.	1
6	66−9303	Screw − Flange Head	6
7	3256−24	Washer − Flat	6
8	32144−11	Screw − Hex. Washer Hd.	5
9	95−4375	Harness − Wire	1
10	2412−109	Clamp−J	2
11	48−9470	Bolt − Hex. Head	3
12	325−14	Screw	1
13	84−1410	Adapter − Clutch	1
14	92−5818	Housing − Bearing, Lower	1
15	88−1140	Spacer − Bearing, Lower	1
16	251−310	Bearing − Ball	2
17	84−0180	Pulley − Lower	1
18	84−1540	Key	1
19	88−1170	Belt − Matched Set	1
21	84−1570	Spacer	1
22	84−1550	Mount − Rubber	5
23	88−1510	Screw − Special	1

Ref. No.	Part No.	Description	No. Used
24	3234−22	Screw − Flange Head	3
26	84−1560	Washer − Thrust	4
27	3296−25	Nut − Lock	5
28	32128−49	Nut − Flange Head	3
29	325−9	Screw − Cap Hex. Hd.	2
30	88−1450	Nut − Lock, Bearing	1
31	94−5623	Harness − Wire, Main	1
32	88−1460	Washer − Lock	1
33	88−1150	Spacer − Clutch	1
34	92−5817	Pin − Clutch Stop	1
35	88−1280	Cover − Belt, Lower	1
36	3256−70	Washer − Flat	3
37	98−7250	Clutch	1
38	84−1580	Washer − Clutch	1
39	3234−19	Screw − Flange Head	1
40	86−3040	Flange − Rubber	1
41	3296−39	Nut − Lock	3
42	86−1990	Washer	4
43	302−60	Fitting − Grease	1
44	3296−47	Nut − Lock	1
45	93−9356	Decal − Warning	1
46	86−1730	Drive Shaft	1



DRIVE SHAFT ASSEMBLY 86–1730

Ref. No.	Part No.	Description	No. Used
1	86–1150	Yoke – End	2
2	86–1160	Kit – Universal	2
3	86–1170	Shaft – Slip Yoke	1
4	86–1180	Tube – Slip Yoke	1
5	3273–17	Screw – Hex. Socket Hd.	4

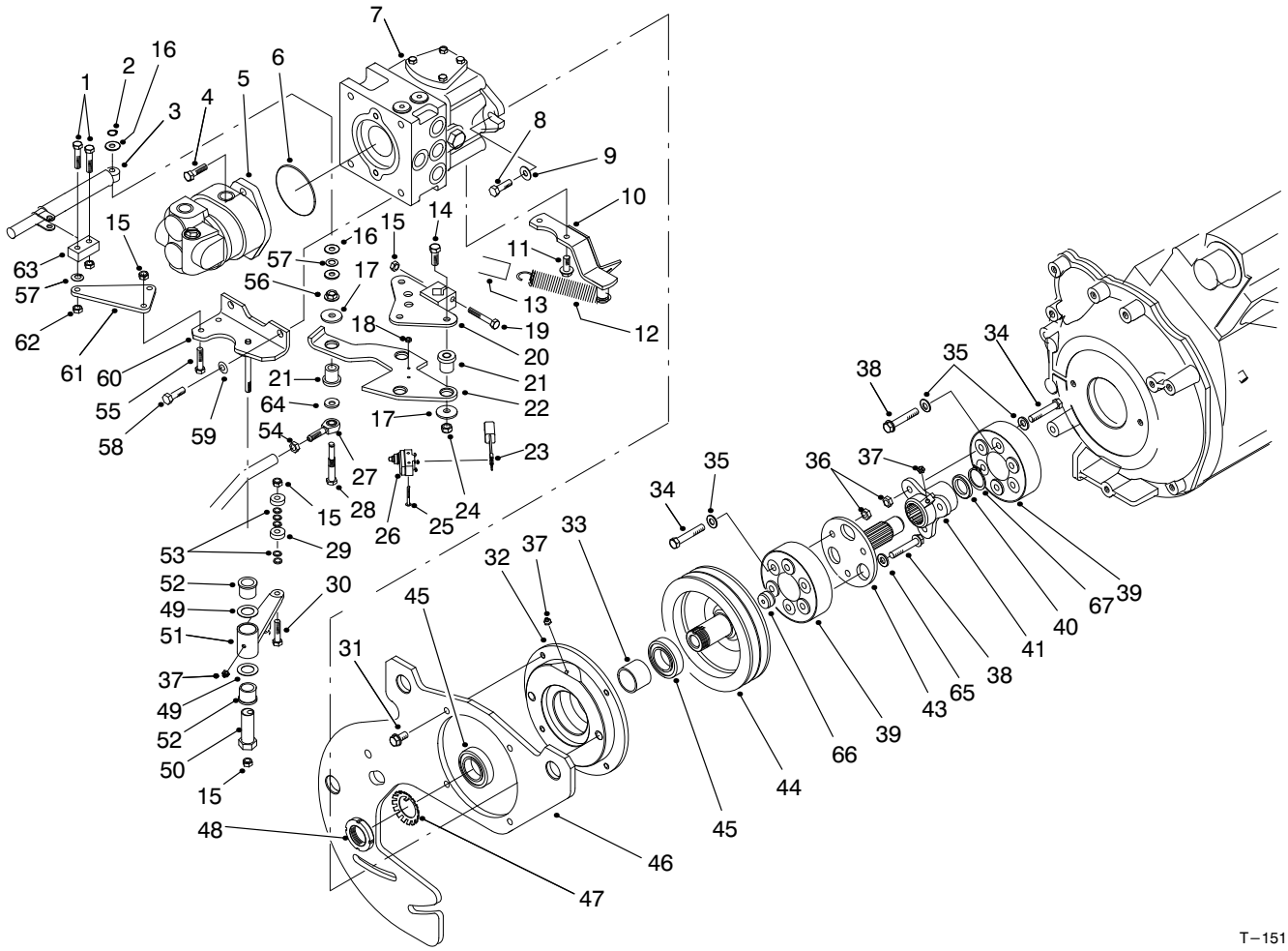


T−1523−1

CLUTCH ASSEMBLY NO. 86−5610

Ref. No.	Part No.	Description	No. Used
1		Ring − Retaining	1
2		Bearing	1
3	88−1370	Plate − Brake	1
4		Collar − Bearing	1
5	98−7253	Assembly − Armature (Incl. Ref. #1, 2 & 4)	1

Ref. No.	Part No.	Description	No. Used
6		Assembly − Field Coil	1
7		Bearing − Field	1
8	88−1610	Assembly − Field Rotor (Incl. Ref. #6 &7)	1
9	44−8320	Spring	3
10	3296−6	Nut − Lock	3

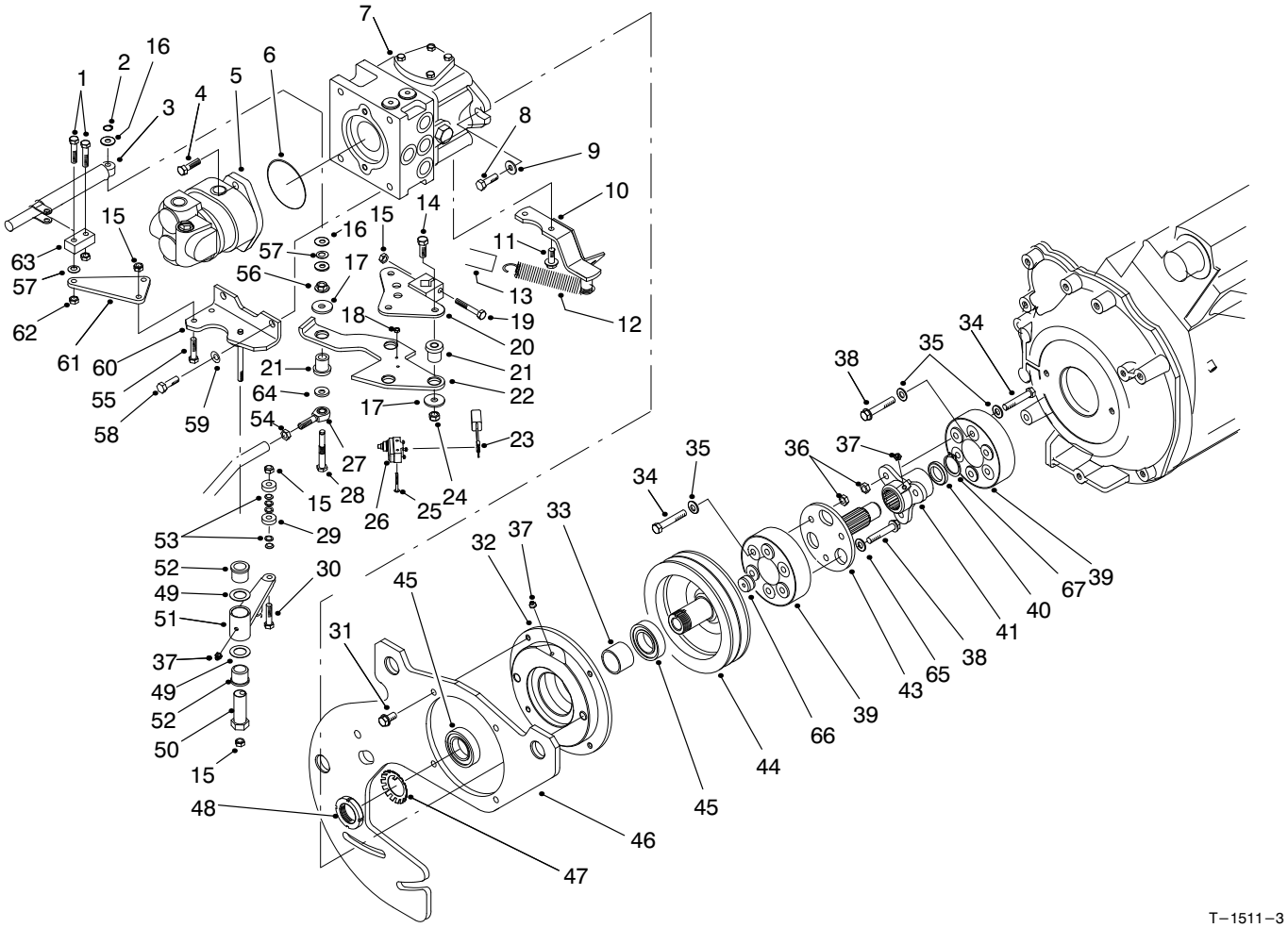


T−1511−3

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322−6	Screw − Cap Hex. Hd.	2
2	32151−73	Ring − Clip	1
3	76−8870	Assy. − Damper, Lever	1
4	323−7	Screw − Cap Hex. Hd.	2
5	94−8297	Assy. − Pump, Gear	1
6	237−161	O−Ring	1
7	86−5590	Assembly − Pump	1
8	3213−2	Screw − Hex. Hd. Flange	2
9	3256−26	Washer − Flat	2
10	84−1380	Anchor − Spring	1
11	32144−26	Screw − Hex. Washer Hd.	2
12	76−9430	Spring − Extension	1
13	84−1480	Hose − Dampener	1
14	323−29	Screw − Cap Hex. Hd.	3
15	3296−29	Nut − Lock	5
16	3256−71	Washer − Flat	3
17	63−8410	Washer	4
18	3296−9	Nut − Lock	2
19	322−10	Screw − Cap Hex. Hd.	1
20	82−5180	Control − Pump	1
21	63−9751	Mount − Rubber	4
22	88−1470	Plate − Control, Pump	1
23	86−3020	Wire − Neutral, Switch	1
24	3296−59	Nut − Lock	3
25	3249−11	Screw − Machine Rd. Hd.	2
26	29−6163	Switch − Micro	1

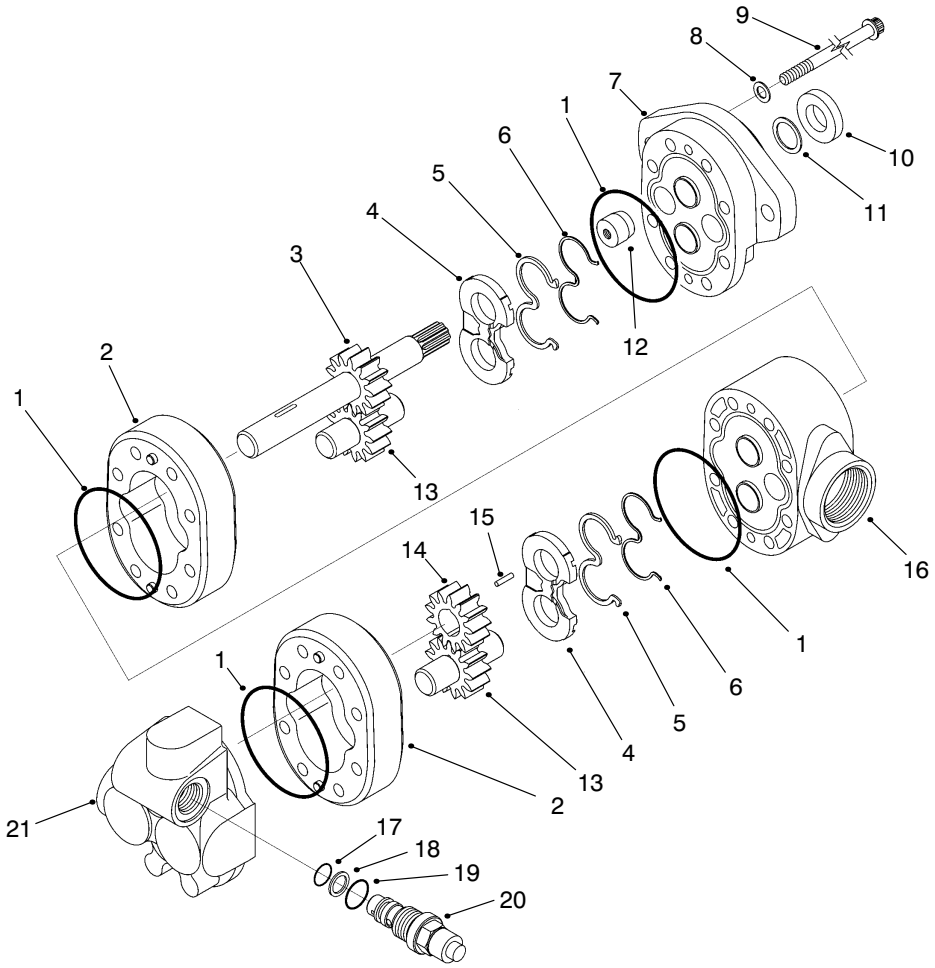
Ref. No.	Part No.	Description	No. Used
27	2411−36	Rod End	1
28	82−5280	Shaft − Pivot	1
29	251−259	Bearing − Ball	2
30	322−7	Screw − Cap Hex. Hd.	1
31	3234−1	Screw − Hex. Flange Hd.	4
32	84−0750	Housing − Bearing	1
33	86−5940	Spacer − Bearing	1
34	323−47	Screw − Cap Hex. Hd.	6
35	3256−24	Washer − Flat	9
36	3296−39	Nut − Lock	6
37	302−5	Fitting − Grease	3
38	66−9303	Screw − Hex. Flange Hd.	6
39	86−3040	Coupling − Rubber	2
40	253−43	Seal − Grease	1
41	84−1330	Hub − Splined	1
43	84−1030	Driveshaft	1
44	84−0170	Pulley − P.T.O.	1
45	251−314	Bearing	2
46	86−2830	Plate − Adapter, Main	1
47	88−1440	Washer − Lock	1
48	88−1430	Nut − Lock, Bearing	1
49	3−6498	Washer	2
50	76−8640	Stud − Traction	1
51	92−2581	Neutral Switch Arm Assy. (Incl. Ref. #37 & 52)	1
52	256−113	Bushing	2



HYDRAULIC PUMP INSTALLATION ASSEMBLY (Cont.)

Ref. No.	Part No.	Description	No. Used
53	75−5470	Washer	5
54	3220−3	Nut − Jam	1
55	322−5	Screw − Cap Hex. Hd.	2
56	3290−357	Nut − Flange Head	1
57	3290−477	Washer − Curved	2
58	324−4	Screw − Cap Hex. Hd.	2
59	3253−6	Washer − Lock	2
60	95−4352	Bracket − Neutral	1

Ref. No.	Part No.	Description	No. Used
61	95−4351	Plate − Pivot	1
62	3296−47	Nut − Lock	2
63	76−9760	Pivot − Damper	1
64	3256−3	Washer	1
65	80−7730	Spacer	3
66	92−1351	Plug − Pulley	1
67	32120−74	Ring − Retaining	1



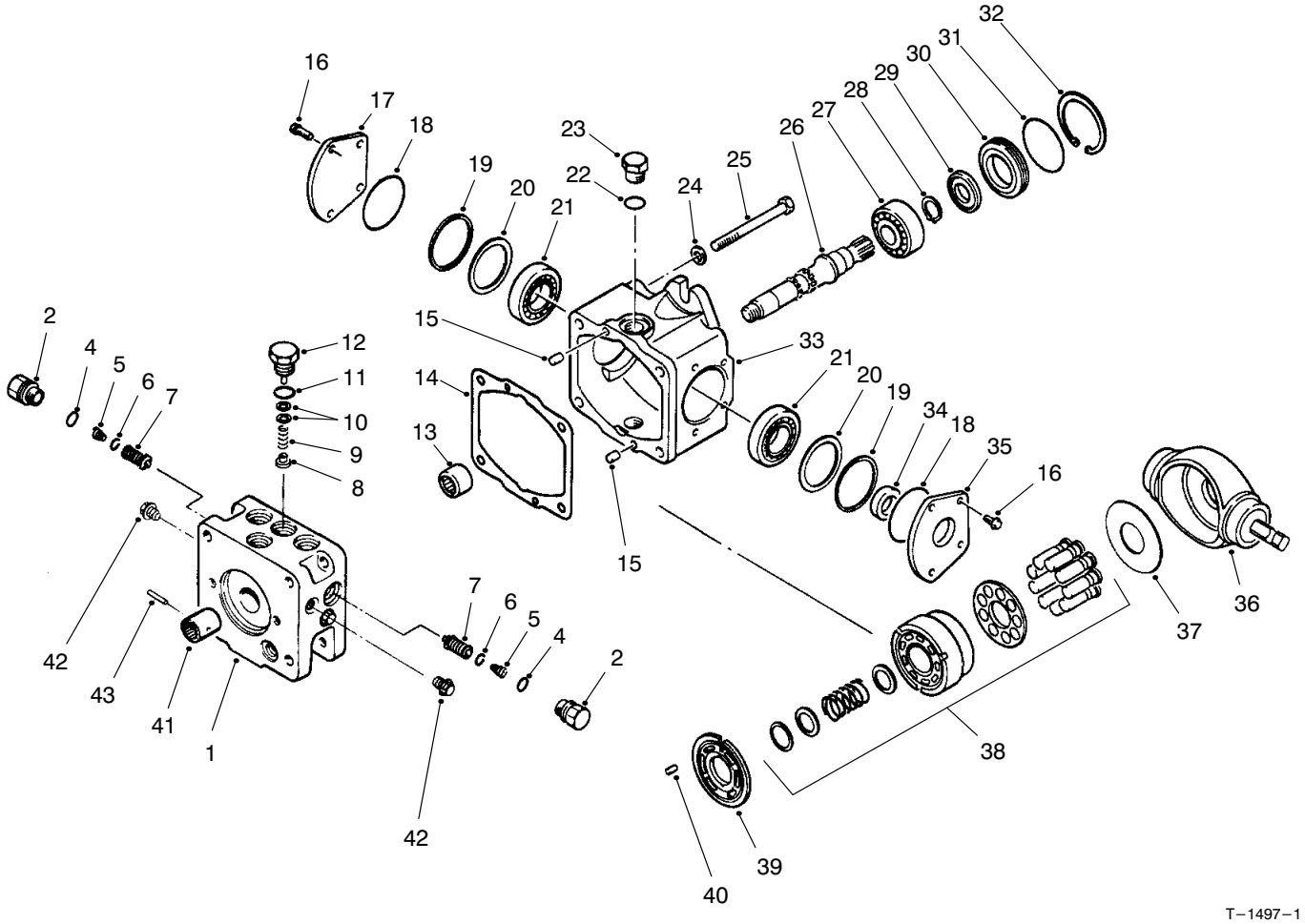
T−2619−1

GEAR PUMP ASSEMBLY NO. 94−8297

Ref. No.	Part No.	Description	No. Used
†1	56−6710	O−Ring	4
2	95−4364	Asm. − Body	2
3	95−4365	Asm. − Gear, Drive	1
4	95−4368	Plate − Wear	2
5	95−4367	Gasket − Backup	2
6	95−4369	Seal	2
7	95−4362	Asm. − Frontplate	1
8	94−8160	Washer	1
9	95−4370	Screw − Cap	8
10	49−2640	Seal − Shaft	1
11	60−5890	Washer	1
12	94−3011	Plug	1

Ref. No.	Part No.	Description	No. Used
13	95−4366	Asm. − Gear, Idler	2
14	95−4373	Gear	1
15	95−4372	Key	1
16	95−4371	Plate − Adapter	1
17		O−Ring	1
18		Washer	1
19		O−Ring	1
20		Valve	1
21	95−4363	Asm. − Backplate	1
*	95−4374	Asm. − Valve, Relief (Incl. Ref. #17−20)	1

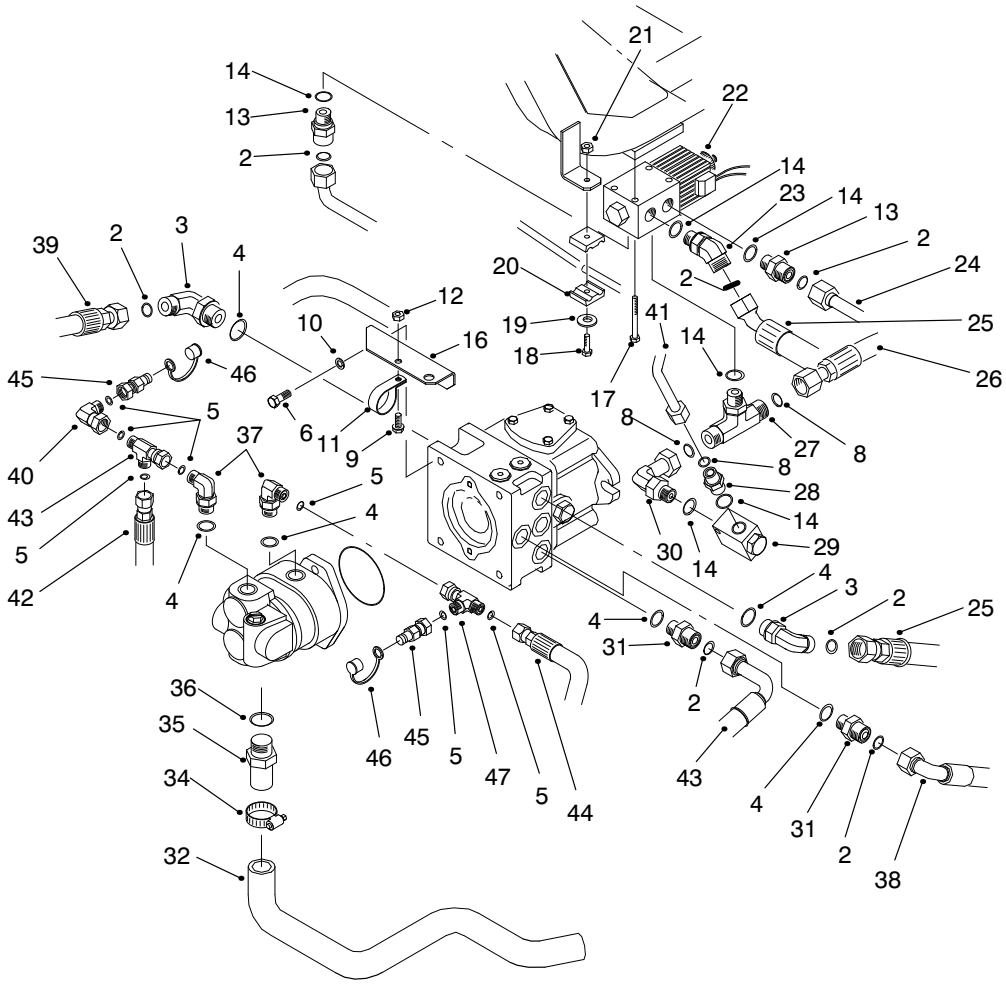
*Not Illustrated
†Not Serviced Separately



TRACTION PUMP ASSEMBLY NO. 86−5590

Ref. No.	Part No.	Description	No. Used
1	92−1354	Cap − End	1
2	92−1355	Plug − Special	2
4	75−0240	O−Ring	2
5	75−0140	Spring − Conical	2
6	84−0550	Ring − Retaining	2
7	92−1356	Valve − Screw 415 BAR	2
8	84−0480	Poppet − Charge Relief	1
9	84−0490	Spring − Compression	1
10	92−1353	Shim	1
11	28−3570	O−Ring	1
12	84−0500	Assy. − Charge Relief Plug	1
13	75−0500	Bearing − Needle	1
14	84−0210	Gasket − End Cap	1
15	75−0480	Pin	2
16	84−0460	Screw	8
17	84−0440	Cover − Trunnion	2
18	84−0430	O−Ring	4
19	84−0270	Spacer − Trunnion	4
20	84−0570	Shim − Trunnion Kit	4
21	84−0260	Bearing − Roller	4
22	353−551	Plug Assembly (Incl. Ref. #23)	3

Ref. No.	Part No.	Description	No. Used
23	237−80	O−Ring	3
24	84−0360	Washer	8
25	84−0330	Screw − Cap Hex. Hd.	8
26	84−0300	Shaft − Pump	1
27	84−0310	Bearing − Ball	1
28	84−0320	Ring − Retaining	1
29	84−0400	Seal − Lip	1
30	84−0410	Carrier − Seal	1
31	28−3520	O−Ring	1
32	84−0380	Ring − Retaining Internal	2
33	84−0240	Housing − Pump	1
34	84−0470	Seal − Lip	2
35	84−0450	Cover − Trunnion	1
36	84−0250	Swash Plate − Variable	1
37	75−0400	Plate − Thrust	1
38	75−0470	Kit − Cylinder Block	1
39	84−0280	Plate − Valve R.H.	1
40	75−0510	Pin	1
41	92−1358	Coupling	1
42	92−1352	Plug	3
43	92−1357	Pin	1

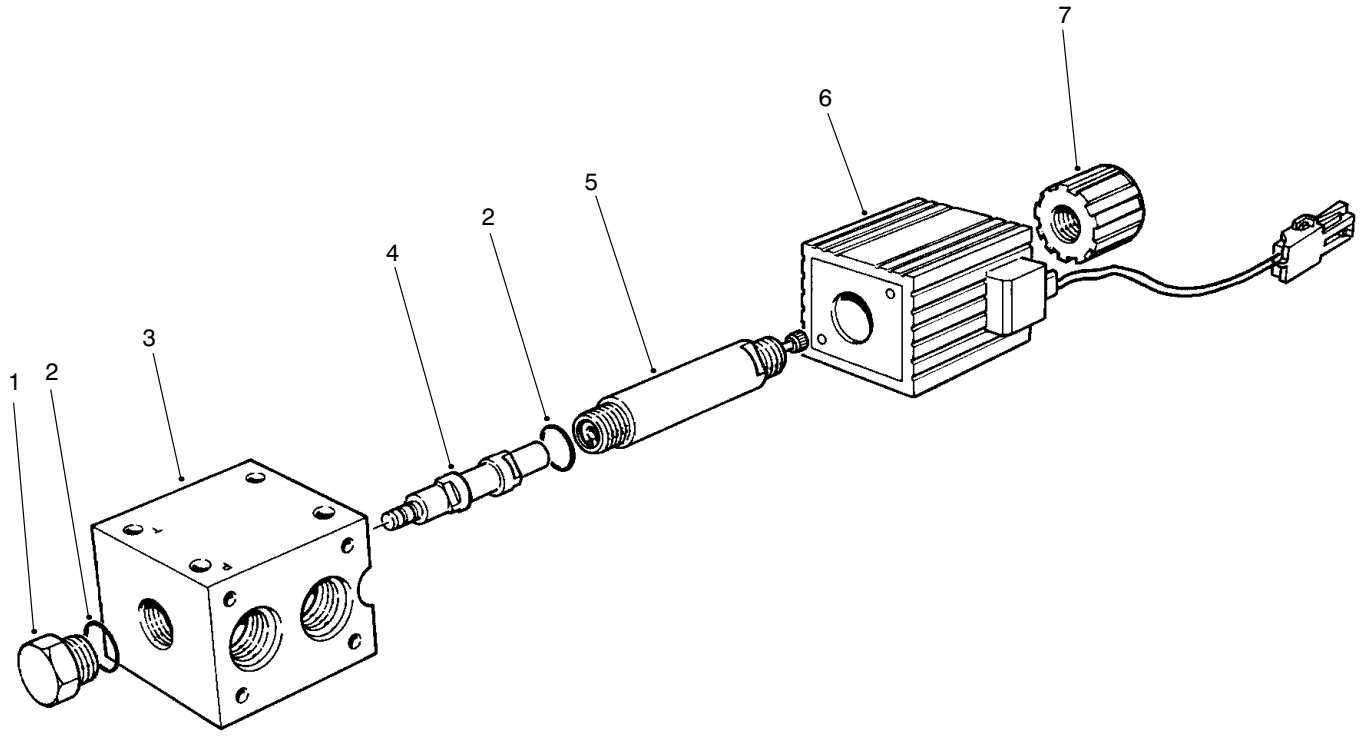


T−2720−1

HYDRAULIC PUMP FITTINGS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	237−65	O−Ring	7
3	340−17	Fitting − Hydraulic 90˚ (Incl. Ref. #2 & 4)	1
4	237−80	O−Ring	5
5	237−22	O−Ring	7
6	324−4	Screw − Cap Hex. Hd.	2
8	237−30	O−Ring	3
9	322−2	Screw − Cap Hex. Hd.	1
10	3253−6	Washer − Lock	2
11	2412−104	Clamp − R	1
12	32128−20	Nut − Lock, Flange Head	1
13	340−155	Fitting − Hydraulic 90˚ (Incl. Ref. #2 & 14)	2
14	237−79	O−Ring	6
16	88−1290	Bracket − Rod, Seat	1
17	321−15	Screw − Cap Hex. Hd.	2
18	322−6	Screw − Cap Hex. Hd.	1
19	3256−71	Washer − Flat	1
20	56−7973	Clamp	2
21	3296−47	Nut − Lock	1
22	76−9970	Valve − 4 WD	1
23	340−55	Fitting − Hydraulic 45˚ (Incl. Ref. #2 & 14)	1
24	86−2770	Assembly − Tube, Traction	1
25	92−5828	Assembly − Hose	1
26	86−2710	Assembly − Hose, Rear	1
27	340−157	Fitting − Tee (Incl. Ref. #8 & 14)	1

Ref. No.	Part No.	Description	No. Used
28	340−4	Fitting − Hydraulic (Incl. Ref. #8 & 14)	1
29	84−0720	Valve − Velocity	1
30	340−165	Fitting − Hydraulic (Incl. Ref. #14)	1
31	340−7	Fitting − Hydraulic (Incl. Ref. #2 & 4)	2
32	86−2800	Hose − Suction	1
34	2412−34	Clamp − Hose	1
35	95−4356	Fitting − Hydraulic (Incl. Ref. #36)	1
36	237−146	O−Ring	1
37	340−18	Fitting − Hydraulic 90˚ (Incl. Ref. #4 & 5)	2
38	86−5500	Assembly − Hose	1
39	86−3150	Assembly − Hose	1
40	340−159	Fitting − Hydraulic 90˚ (Incl. Ref. #5)	1
41	86−5810	Assembly − Tube	1
42	86−5570	Hose Assembly	1
43	92−5830	Assembly − Hose	1
44	95−4354	Hose Assembly	1
45	86−5480	Fitting − Diagnostic	2
46	354−79	Cap − Fitting	2
47	340−115	Fitting − Hydraulic, Tee (Incl. Ref. #5)	2

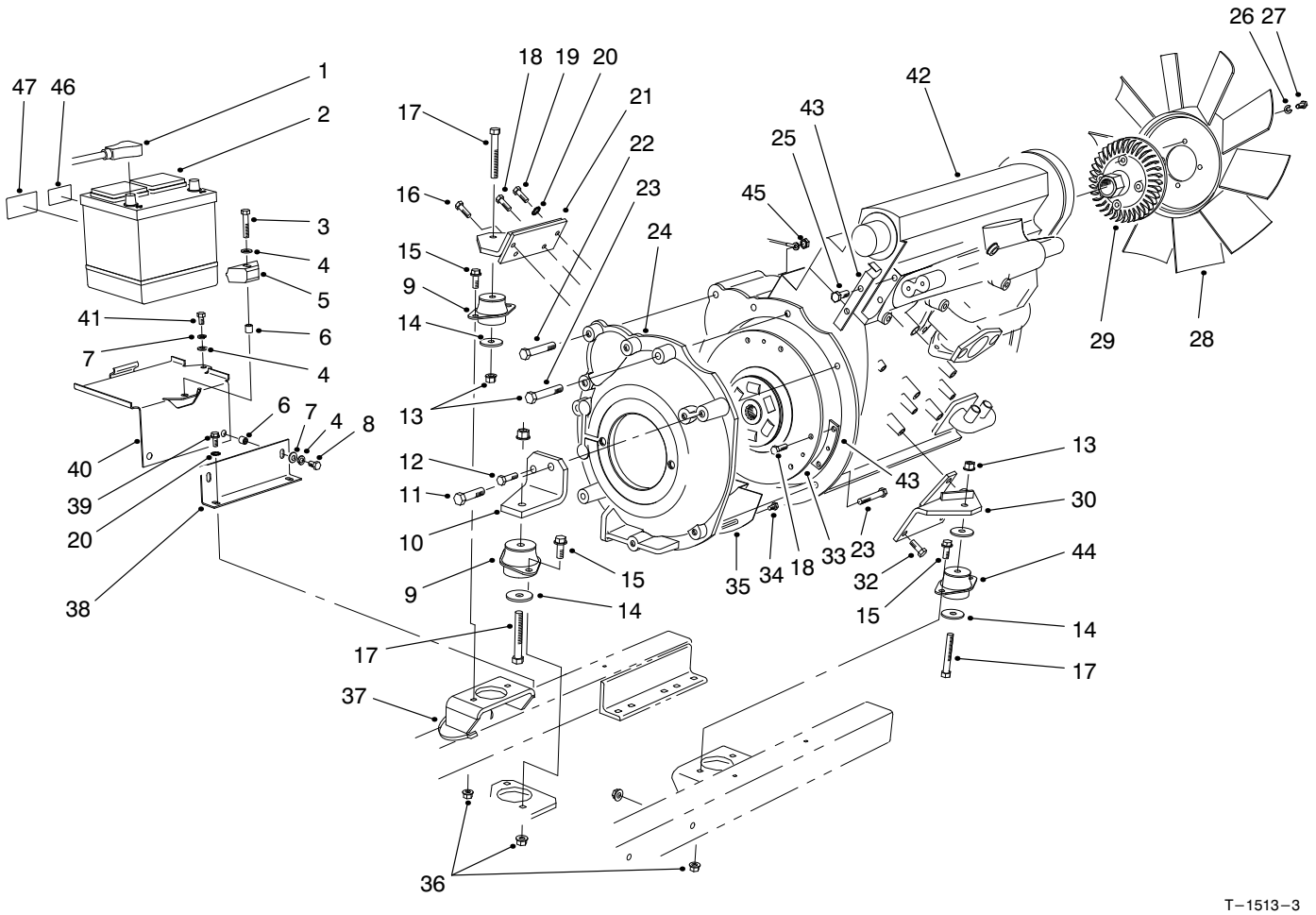


T−1126

SOLENOID VALVE ASSEMBLY NO. 76−9970

Ref. No.	Part No.	Description	No. Used
1		Adapter Assembly (Incl. Ref. #2)	1
2	237−80	O−Ring	2
3		Valve − Directional	1
4		Spool	1

Ref. No.	Part No.	Description	No. Used
5		Tube Assembly (Incl. Ref. #2)	1
6	218−591	Coil Assembly	1
7	218−592	Nut − Coil	1



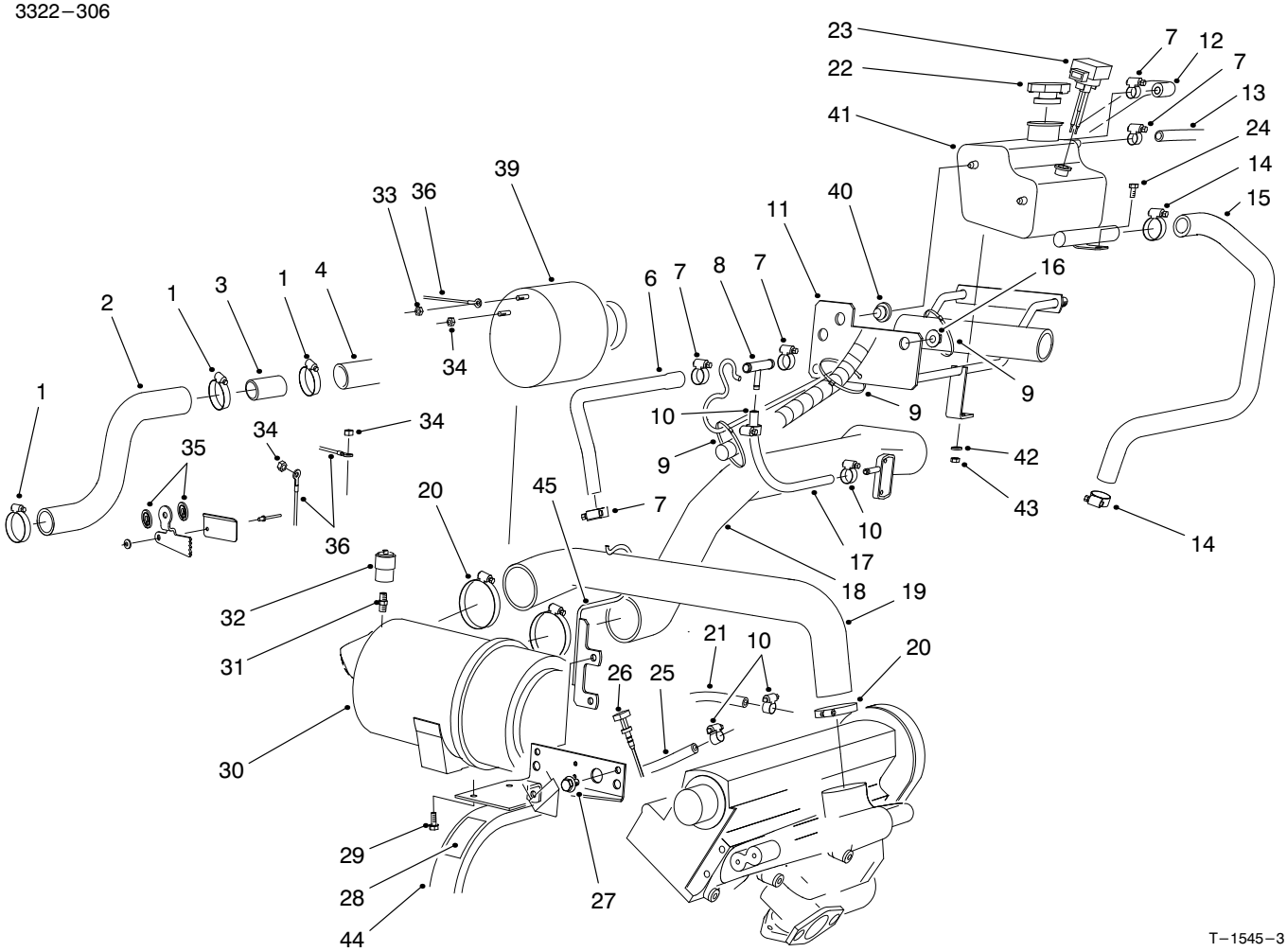
T−1513−3

ENGINE & BATTERY INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74−9080	Cable − Battery Pos.	1
*	74−9090	Cable − Battery Neg.	1
†2		Battery	1
3	323−9	Screw − Cap Hex. Hd.	1
4	3256−24	Washer − Flat	4
5	66−2490	Clamp − Battery	1
6	32148−10	Insert − Threaded	3
7	3253−21	Washer − Lock	3
8	323−33	Screw − Cap Hex. Hd.	2
9	53−9681	Mount − Rubber, Engine	2
10	74−5470	Mount − Engine	1
11	48−7840	Screw − Cap Hex. Hd.	1
12	48−9470	Screw − Cap Hex. Hd.	1
13	32128−37	Nut − Lock, Flange Hd.	3
14	87−5100	Washer − Flat	4
15	3234−11	Screw	6
16	57−6380	Screw − Cap Hex. Hd.	1
17	324−12	Screw − Cap Hex. Hd.	3
18	42−9230	Screw − Cap Hex. Hd.	8
19	33114−030	Screw − Cap Hex. Hd.	1
20	3255−8	Washer − Lock, Ext. Tooth	2
21	76−4120	Mount − Engine	1
22	48−7810	Screw − Cap Hex. Hd.	3
23	48−7570	Screw − Cap Hex. Hd.	3
24	84−0760	Adapter − Pump to Engine	1

Ref. No.	Part No.	Description	No. Used
25	93−5398	Screw − Cap Hex. Hd.	2
26	3253−4	Washer − Lock	4
27	322−3	Screw − Cap Hex. Hd.	4
28	74−3650	Fan	1
29	74−5520	Clutch − Fan	1
30	76−4220	Mount − Engine	1
31	53−9682	Mount − Rubber, Eng	1
32	48−7780	Screw − Cap Hex. Hd.	3
33	84−1440	Plate − Adapter	1
34	48−7610	Screw − Cap Hex. Hd.	3
35	77−3600	Shield − Adapter (Furnished with engine)	1
36	3290−357	Nut − Lock	6
37	3290−378	Tie − Cable	1
38	76−4310	Support − Base, Battery	1
39	32144−11	Screw − Hex. Washer Hd.	2
40	14−0949	Battery Base Assembly (Incl. Ref. #6)	1
41	323−4	Screw − Cap Hex. Hd.	1
42	93−4233	Engine Assembly	1
43	94−5615	Bracket − Return Hose	1
44	53−9682	Mount − Rubber, Engine	1
45	48−7930	Nut − Hex.	1
46	93−7276	Decal − Danger	1
47	93−6668	Decal − Recycle	1

*Not Illustrated
†Obtain Locally

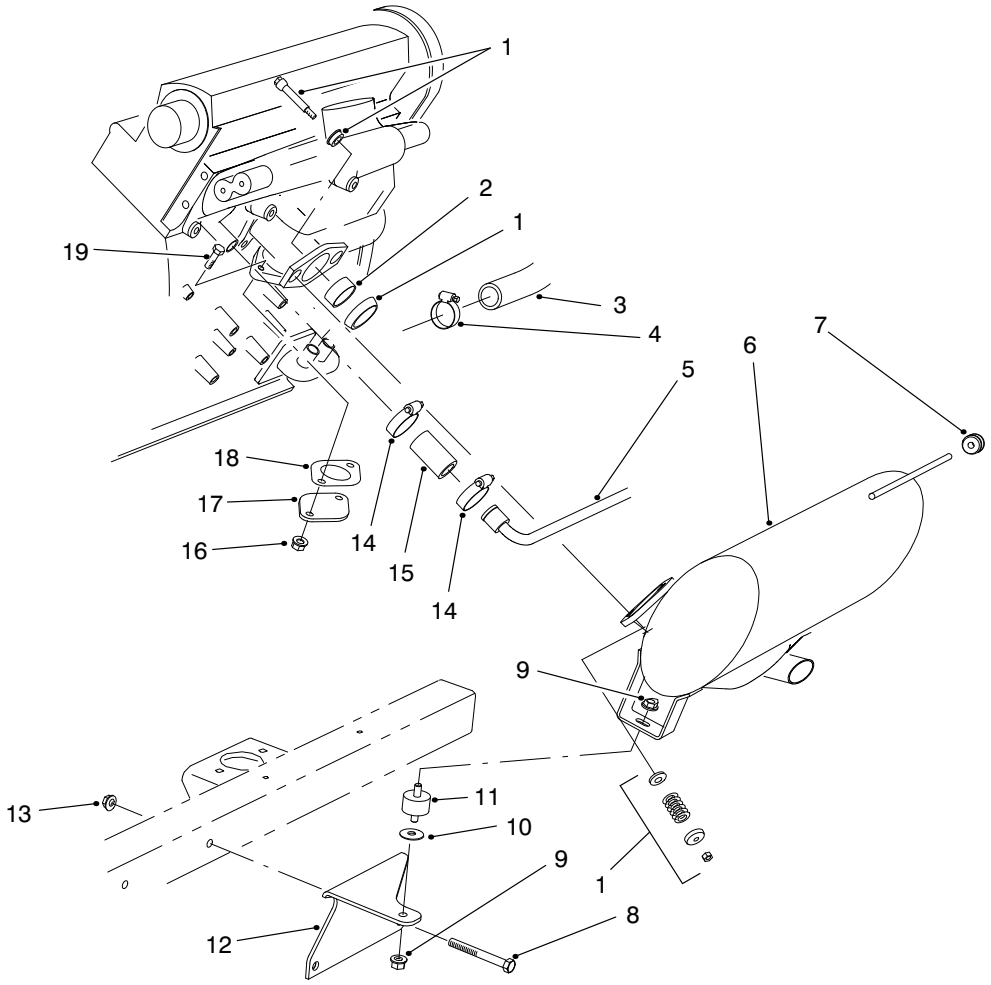


ENGINE PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412−3	Clamp − Hose	3
2	94−1418	Hose − Radiator, Upper	1
3	93−7594	Spacer − Tubular	1
4	93−7221	Hose − Radiator, Upper	1
6	94−2630	Hose − Return	1
7	2412−36	Clamp − Hose	5
8	93−4207	Fitting − Hose Tee	1
9	3290−378	Tie − Cable	2
10	2412−108	Clamp − Hose	4
11	93−7229	Degassing Support Asm.	1
12	93−7788	Hose − Return	1
13	94−5625	Hose − Radiator, Overflow	1
14	2412−129	Clamp − Hose	2
15	94−5604	Hose − Overflow	1
16	3290−357	Nut − Flange	3
17	63−7622	Hose − Fuel Line	1
18	93−7224	Hose − Intake	1
19	93−7223	Hose − Air Cleaner	1
20	2412−125	Clamp − Hose	3
21	63−7627	Hose − Fuel	1
†22	94−2800	Cap − Radiator	1

Ref. No.	Part No.	Description	No. Used
†23	94−9984	Sensor − Water Level	1
24	33105−020	Screw − Hex. Hd. Flange	1
25	63−7622	Hose − Fuel	1
†26	93−9175	Dipstick	1
27	3234−11	Screw − Flange	3
28	93−7275	Decal − Starting Fluid	1
29	33104−016	Screw − Hex. Hd. Flange	2
30	93−7485	Filter Assembly	1
31	94−1416	Adapter Assembly	1
32	93−9164	Service Indicator	1
33	48−7930	Nut − Hex.	1
34	48−7880	Nut − Hex.	3
35	86−2990	Mount − Throttle Cable	2
36	94−5623	Wire Harness − Main	1
39	94−3252	Alternator	1
†40	94−2801	Grommet − Rubber	2
†41	94−9983	Box − Degassing	1
42	33093−00	Washer − Flat	1
43	33023−00	Nut − Lock, Nylon Insert	1
44	93−7236	Bracket − Support	1
45	94−8003	Support − Air Cleaner Hose	1

†Furnished with engine.

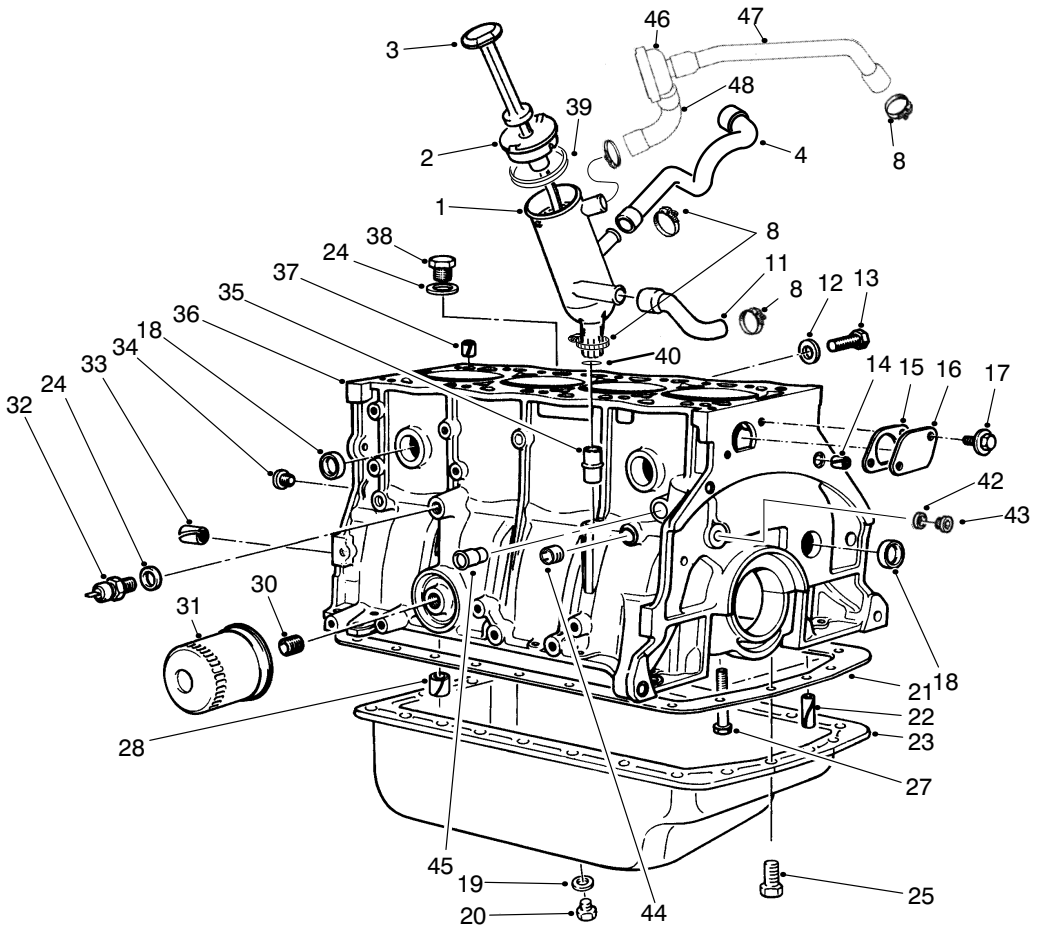


T−1544−1

MUFFLER & AIR CLEANER INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
†1	94−2814	Kit − Exhaust Coupler	1
†2	94−2815	Sleeve − Exhaust Flange	1
3	74−6020	Hose − Radiator, Lower	1
4	2412−3	Clamp − Hose	1
5	92−7381	Tube − Water, Return	1
6	94−8012	Muffler Assembly	1
7	94−2812	Grommet	1
8	323−20	Screw − Cap Hex. Hd.	2
9	32128−20	Nut − Lock, Flange	2
10	62−9510	Washer − Brake Lever	1

Ref. No.	Part No.	Description	No. Used
11	94−5608	Mount − Rubber	1
12	93−7245	Bracket − Support	1
13	32128−19	Nut − Lock, Flange	2
14	2412−129	Clamp − Hose	4
15	74−6490	Hose − Water Line	2
16	33004−00	Nut − Hex. Flange	2
17	92−7382	Cover − Manifold	1
18	77−3700	Gasket − Muffler, Exhaust	1
19	33104−020	Screw − Hex. Hd. Flange	2



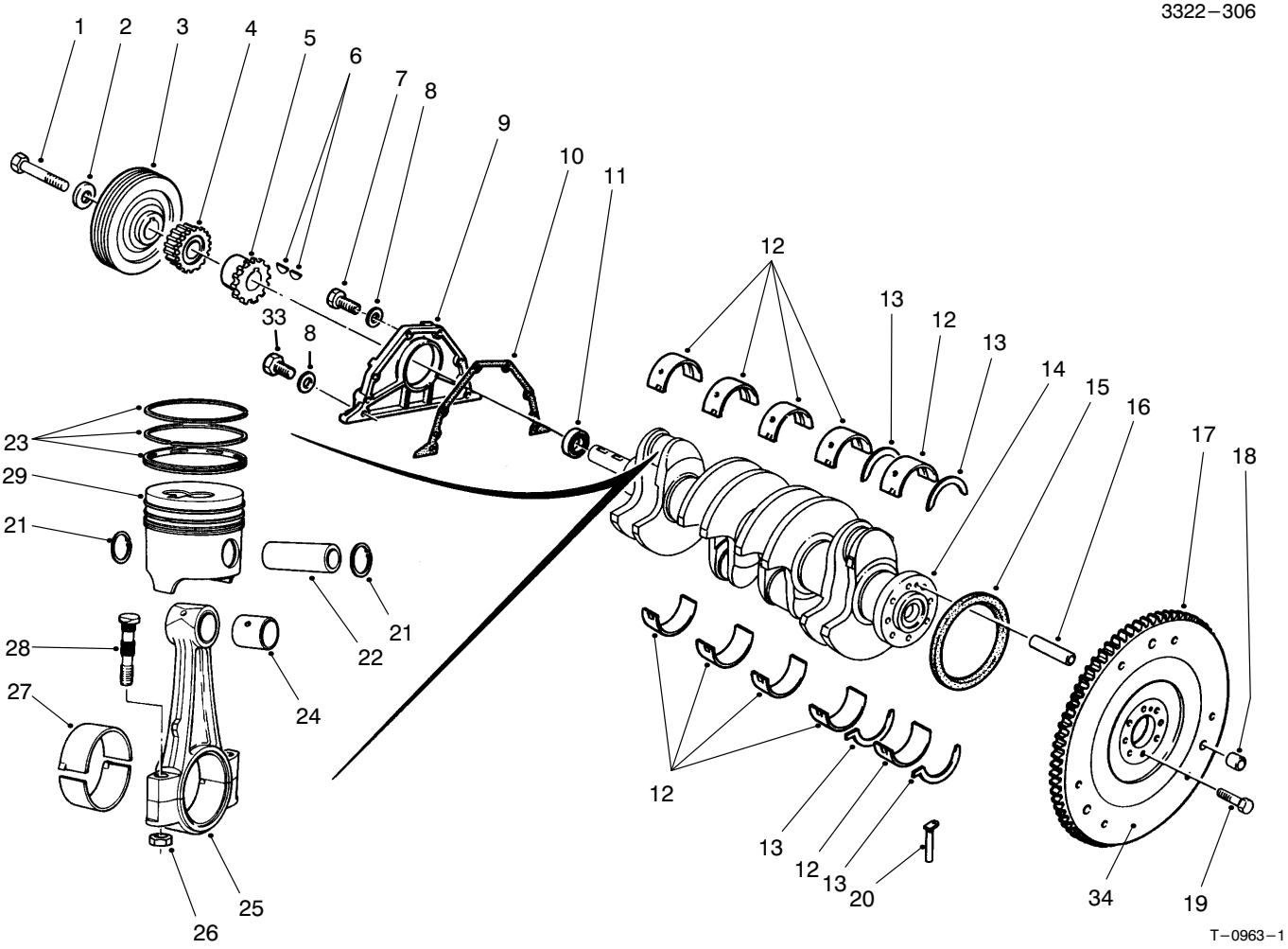
T−2142−1

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94−3181	Oil Filler (Incl. Ref. 39)	1
2	94−3182	Plug	1
3	93−9175	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	74−7800	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	74−7850	Gasket	2
25	74−7330	Screw − Cap Hex. Hd.	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	Short Block Assembly (Incl. Pistons next page)	1
37	74−8030	Pin − Spring	1
38	74−8040	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	74−5760	PCV Valve	1
47	94−3192	Union	1
48	94−3191	Union	1
*	74−7860	Gasket Set (Without Head Gasket)	1

*Not Illustrated

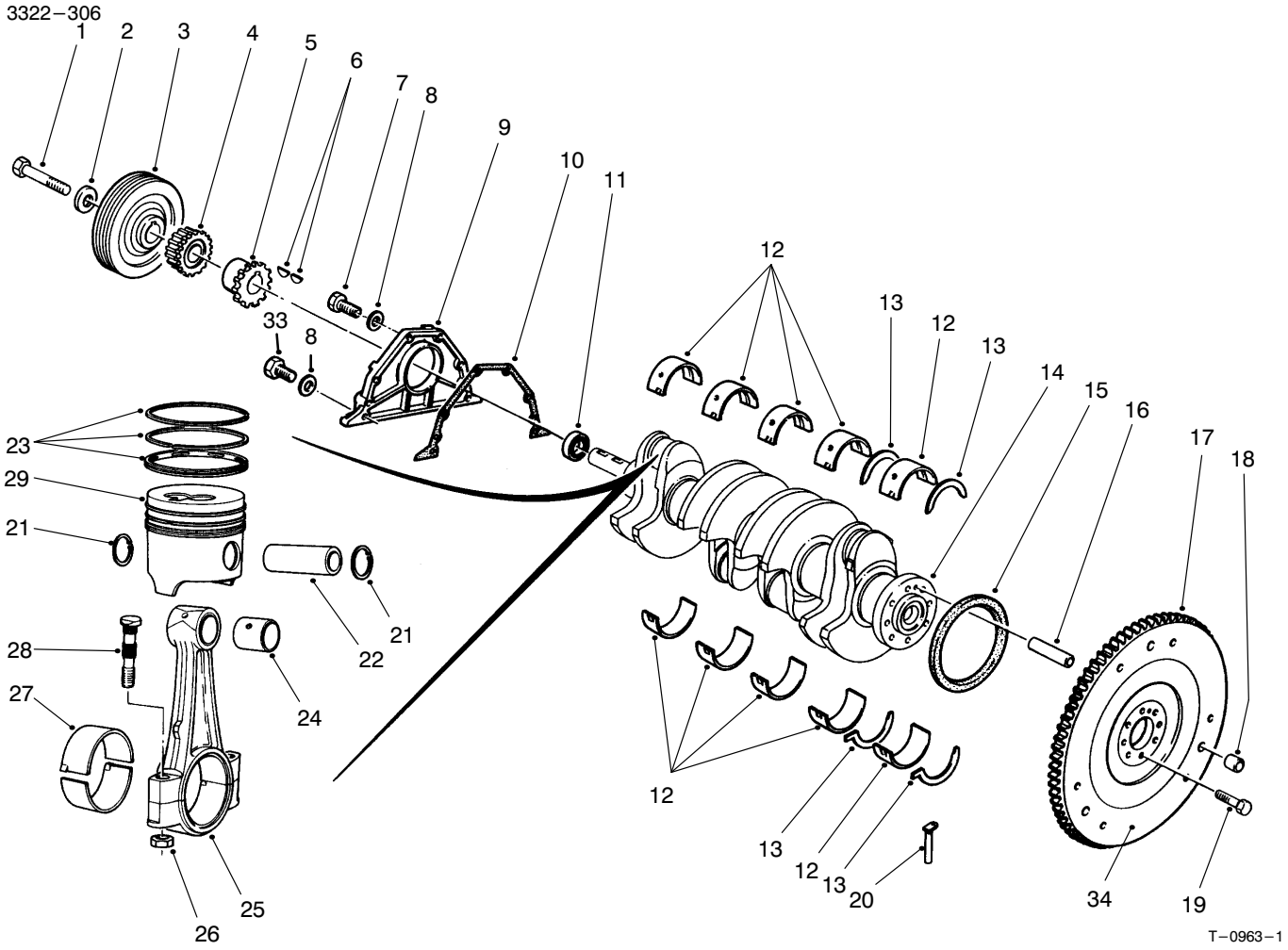


CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94−3145	Screw − Cap Hex. Hd.	1
2	74−8080	Washer	1
3	94−3144	Pulley	1
4	74−8100	Gear − Pinion	1
5	74−8110	Sprocket − Oil Pump	1
6	74−8120	Key − Woodruff	2
7	94−3150	Screw − Cap Hex. Hd.	4
8	94−3151	Washer	6
9	74−8140	Cover	1
10	74−8150	Gasket − Cover	1
11	94−3148	Seal − Shaft	1
12	74−8170	Bearing Set (Std.) Set of 10 Half Bearings	1
*	74−8180	Bearing Set (.30mm OS) Set of 10 Half Bearings	1
13	94−3141	Thrust Bearing Set (Std.)	2
*	74−8200	Thrust Bearing Set (.10mm OS)	2
*	74−8210	Thrust Bearing Set (.15mm OS)	2
*	74−8220	Thrust Bearing Set (.20mm OS)	2
14	74−8230	Crankshaft	1

Ref. No.	Part No.	Description	No. Used
15	74−8240	Seal	1
16	74−7990	Pin	1
17	94−3149	Gear − Flywheel	1
18	74−8270	Pin	3
19	74−8280	Screw − Cap Hex. Hd.	8
20	74−8290	Seal − #1 Bearing Cap	2
21	74−8300	Clip − Piston Pin	8
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 (Incl. Ref. #24)	1
26		Nut − Hex.	8
27	74−8380	Bearing − Connecting Rod (Std.) Set of 8 Half Bearings	1
*	74−8390	Bearing − Connecting Rod (49.7mm ID) Set of 8 Half Bearings	1
28	74−8400	Bolt − Connecting Rod (Incl. Ref. #26)	8

*Not Illustrated

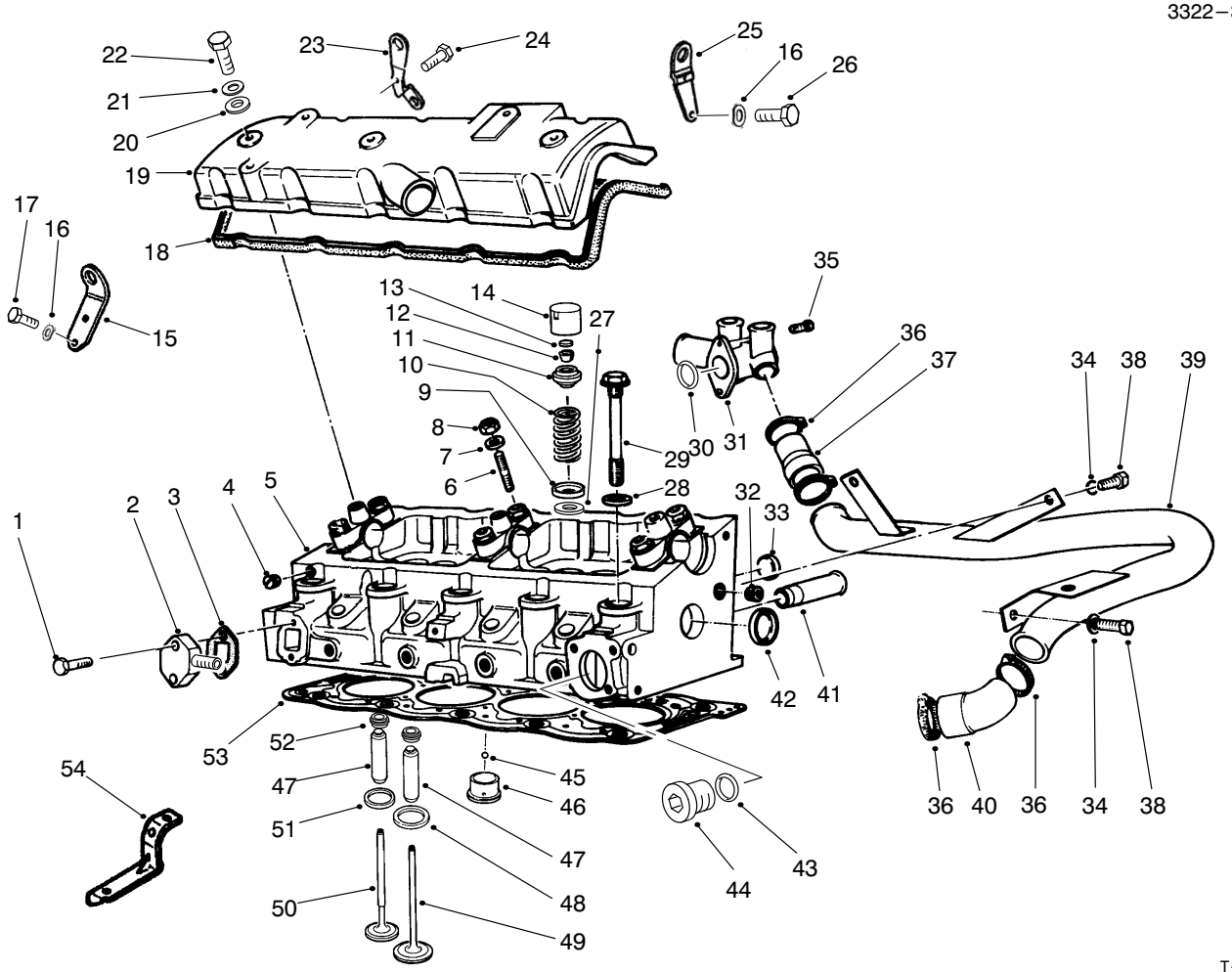


CRANKSHAFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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

Ref. No.	Part No.	Description	No. Used
33	94−3152	Screw − Cap Hex. Hd.	2
34	74−8260	Flywheel	1

*Not Illustrated



T−2148−2

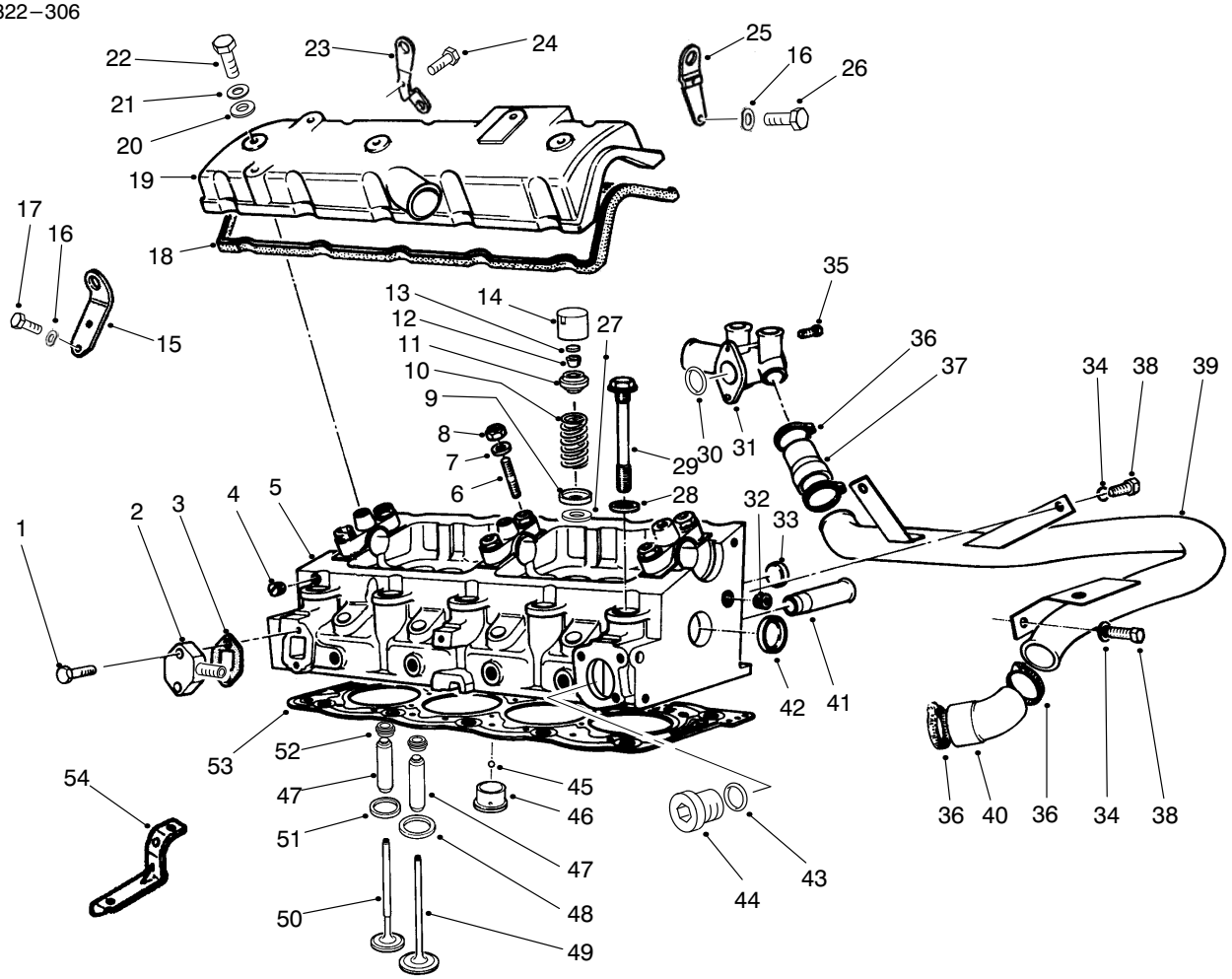
CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94−3123	Screw − Cap Hex. Hd.	2
2	94−3117	Plate	1
3	94−3116	Gasket	1
4	74−7600	Plug	4
5	94−3113	Cylinder Head Assembly	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 (1.650mm)	8
*	74−6590	Insert − Valve (1.725mm)	8
*	74−6600	Insert − Valve (1.800mm)	8
*	74−6610	Insert − Valve (1.900mm)	8
*	74−6620	Insert − Valve (1.975mm)	8
*	74−6630	Insert − Valve (2.050mm)	8
*	74−6640	Insert − Valve (2.125mm)	8
*	74−6650	Insert − Valve (2.225mm)	8
*	74−6660	Insert − Valve (2.250mm)	8
*	74−6670	Insert − Valve (2.275mm)	8
*	74−6680	Insert − Valve (2.300mm)	8
*	74−6690	Insert − Valve (2.325mm)	8
*	74−6700	Insert − Valve (2.350mm)	8
*	74−6710	Insert − Valve (2.375mm)	8

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

*Not Illustrated

3322−306



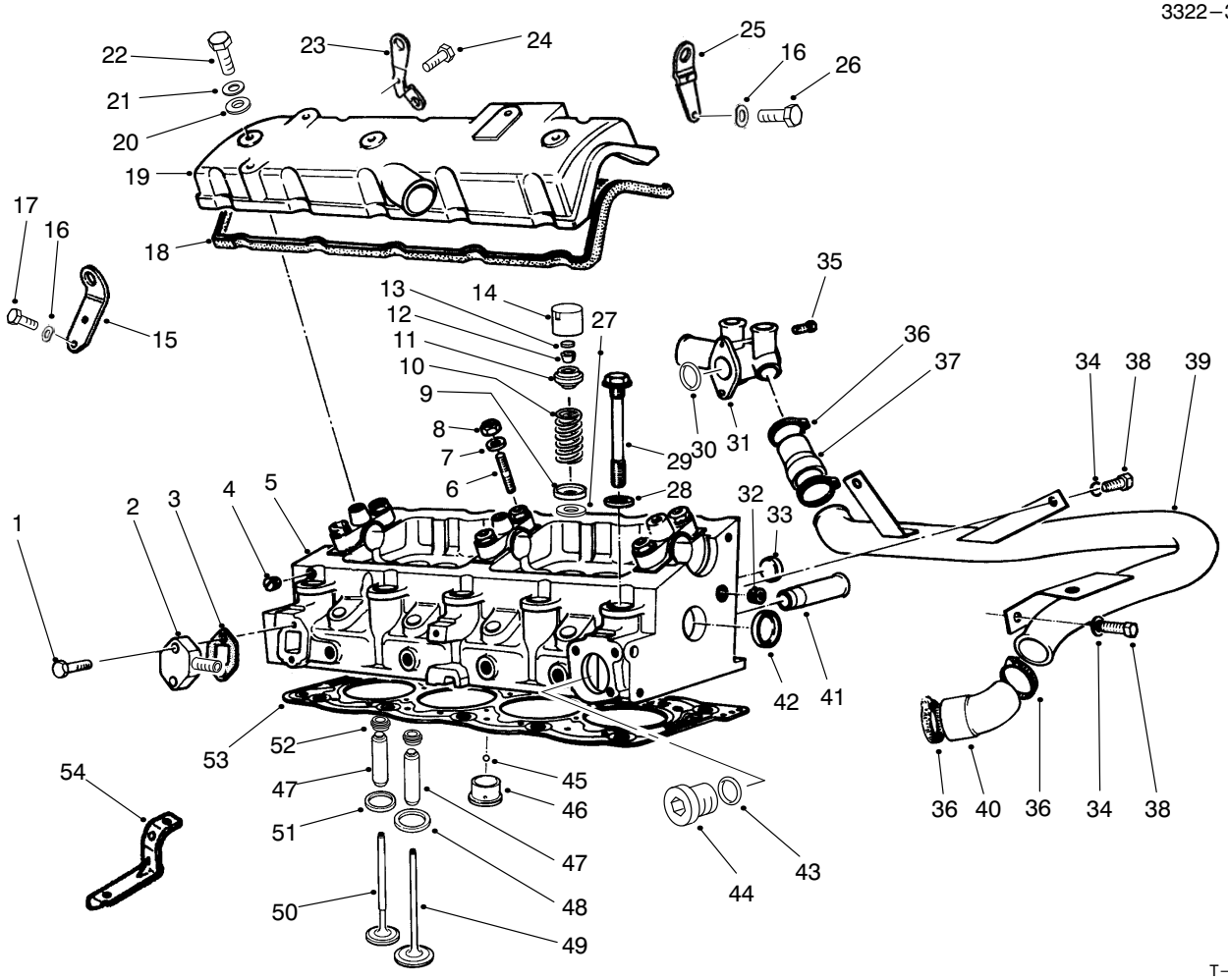
T−2148−2

CYLINDER HEAD ASSEMBLY (Continued)

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

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	76−5470	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

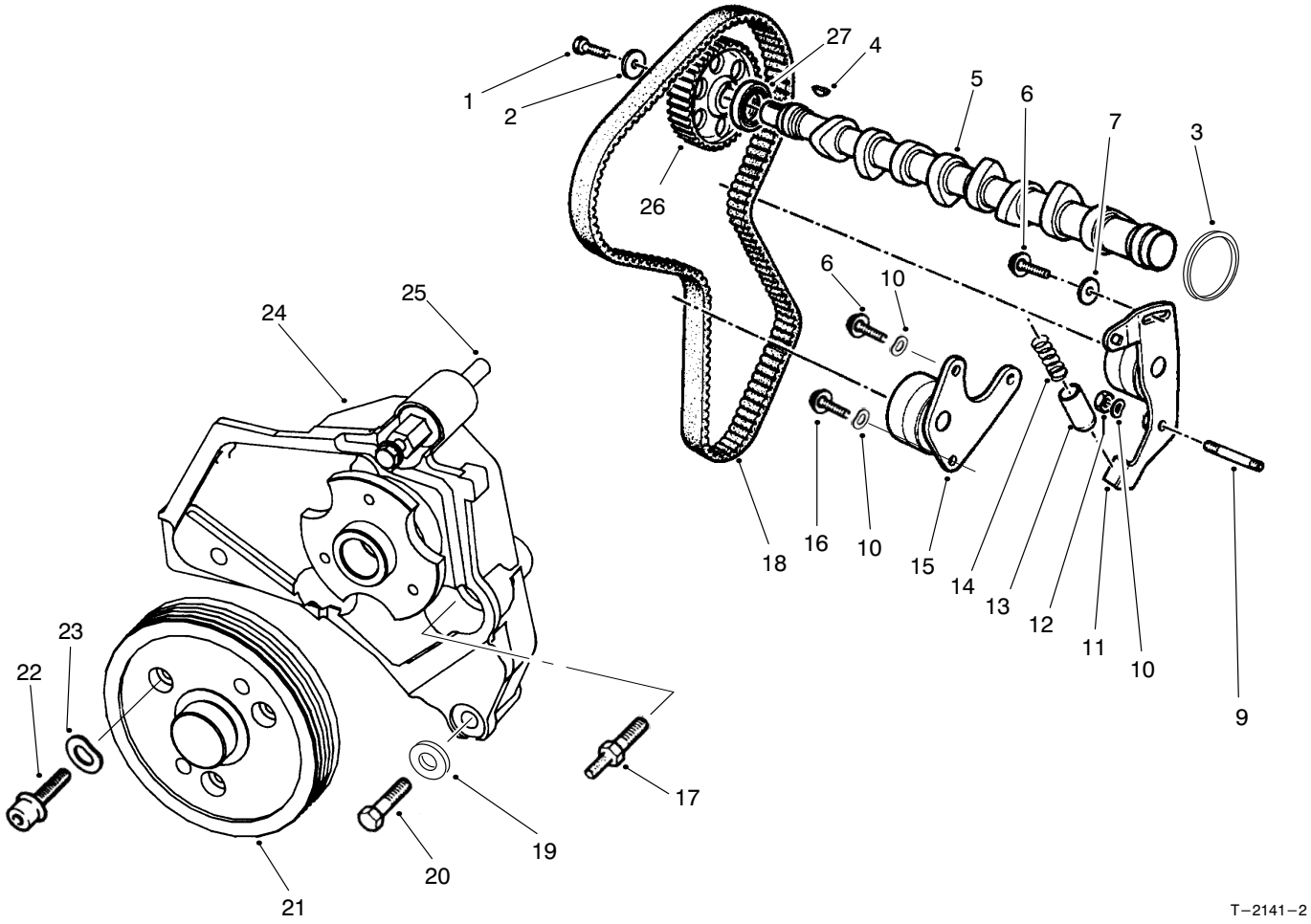


T−2148−2

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
38	42−9230	Screw − Cap Hex. Hd.	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 (32.45mm)	4
*	74−7440	Chamber − Turbulence (32.65mm)	4
47	92−7792	Guide − Valve (14.29mm)	8
*	92−7793	Guide − Valve (14.59mm)	8
48	74−7450	Seat − Intake Valve (39.3mm)	4
*	74−7460	Seat − Intake Valve (39.5mm)	4
49	74−7480	Valve − Intake	4
50	92−7794	Valve − Exhaust	4
51	92−7795	Seat − Exhaust Valve (34.5mm)	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 (Complete with camshaft, valves & tappets)	1

*Not Illustrated

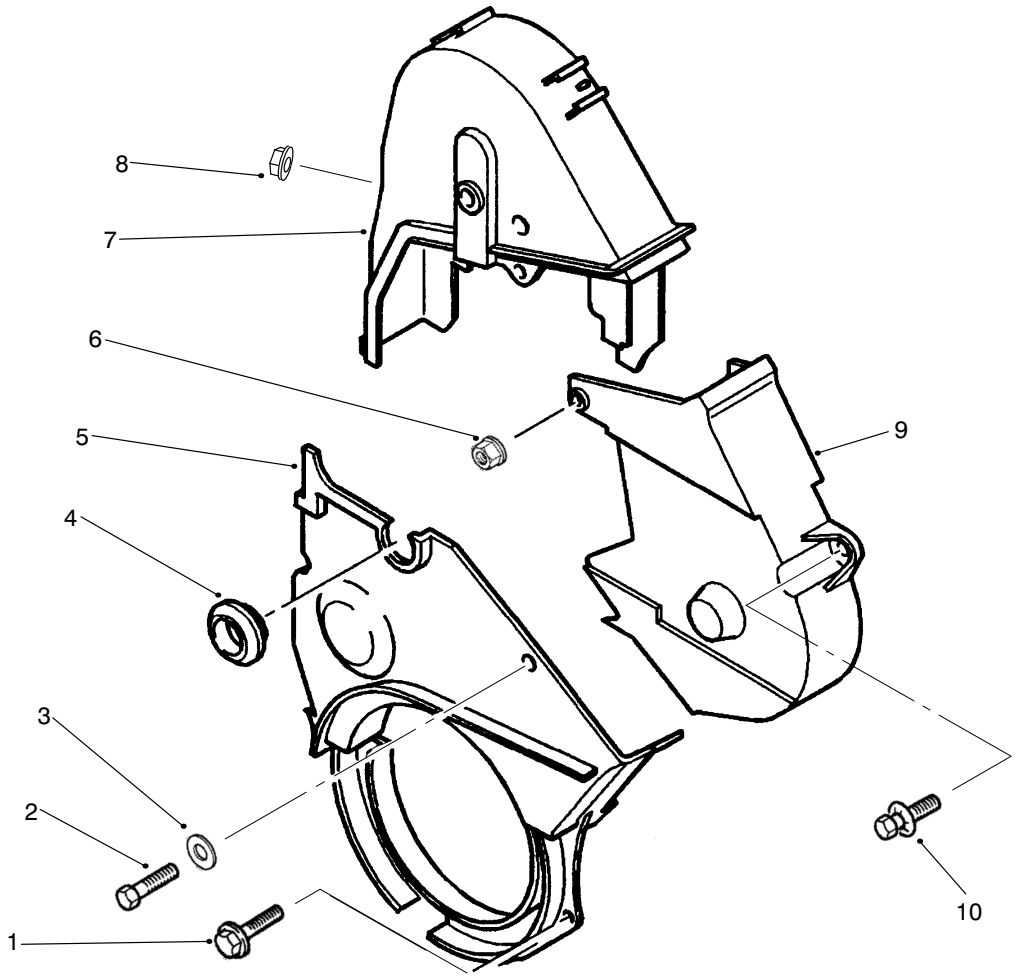


T−2141−2

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	98−9967	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	Roller Assembly	1
12	94−3165	Nut − Lock	1
13	77−3520	Cup	1
14	77−3510	Spring	1

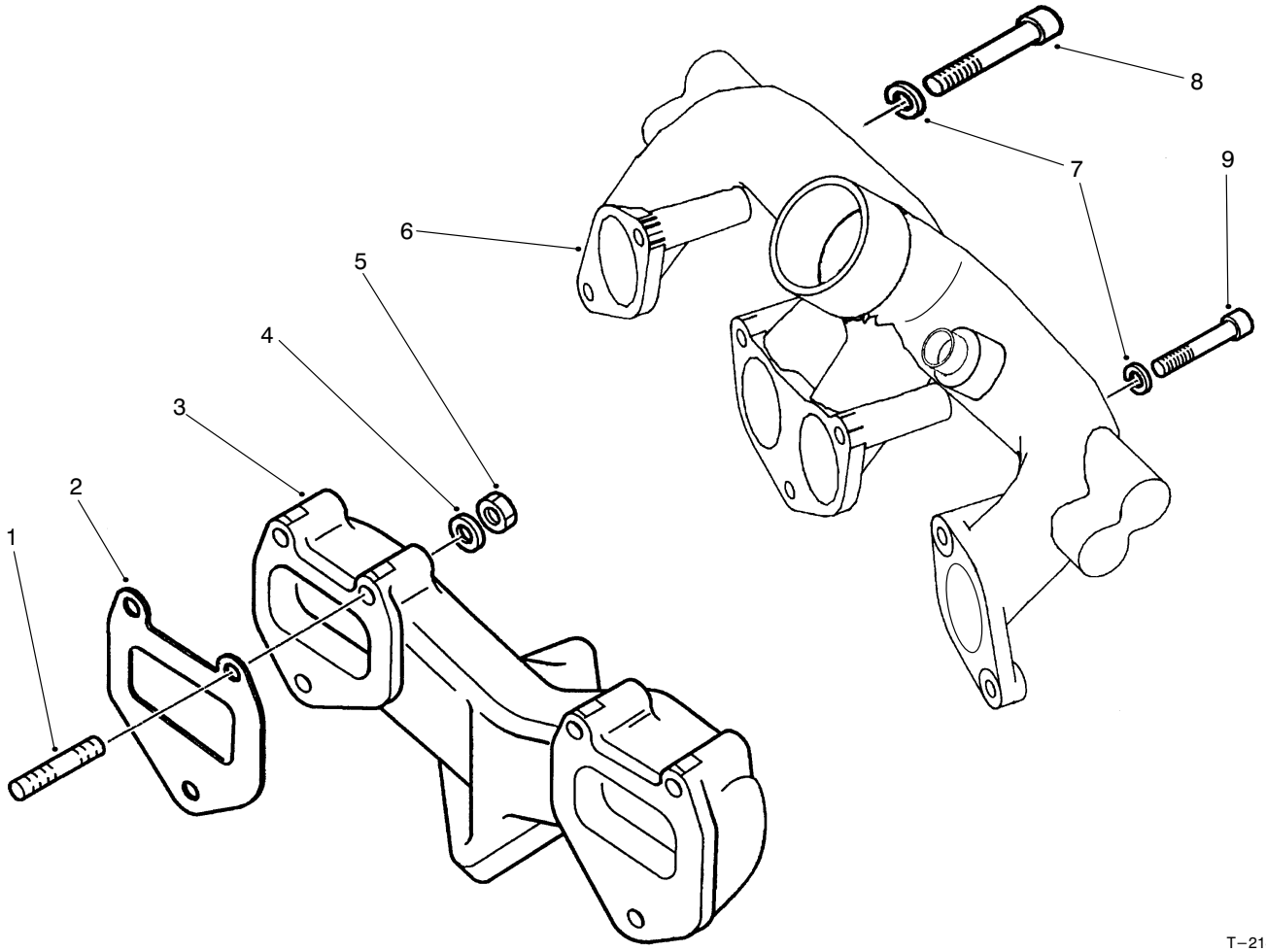
Ref. No.	Part No.	Description	No. Used
15	94−3160	Roller Assembly	1
16	94−3161	Screw	2
17	94−3170	Screw	1
18	74−8830	Belt	1
19	94−3172	Washer	3
20	94−3171	Screw	2
21	94−3168	Pulley − Fan	1
22	94−3173	Screw	3
23	76−5010	Washer	3
24	94−3167	Bracket − Fan	1
25	94−3169	Screw	1
26	98−9966	Pulley − Camshaft	1
27	94−9994	Gasket	1



T−2140−1

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
6	94−3133	Nut W/Washer	1
7	94−3127	Case − Timing, Left	1
8	94−3134	Nut	1
9	94−3128	Case − Timing, Right	1
10	94−3131	Screw	1



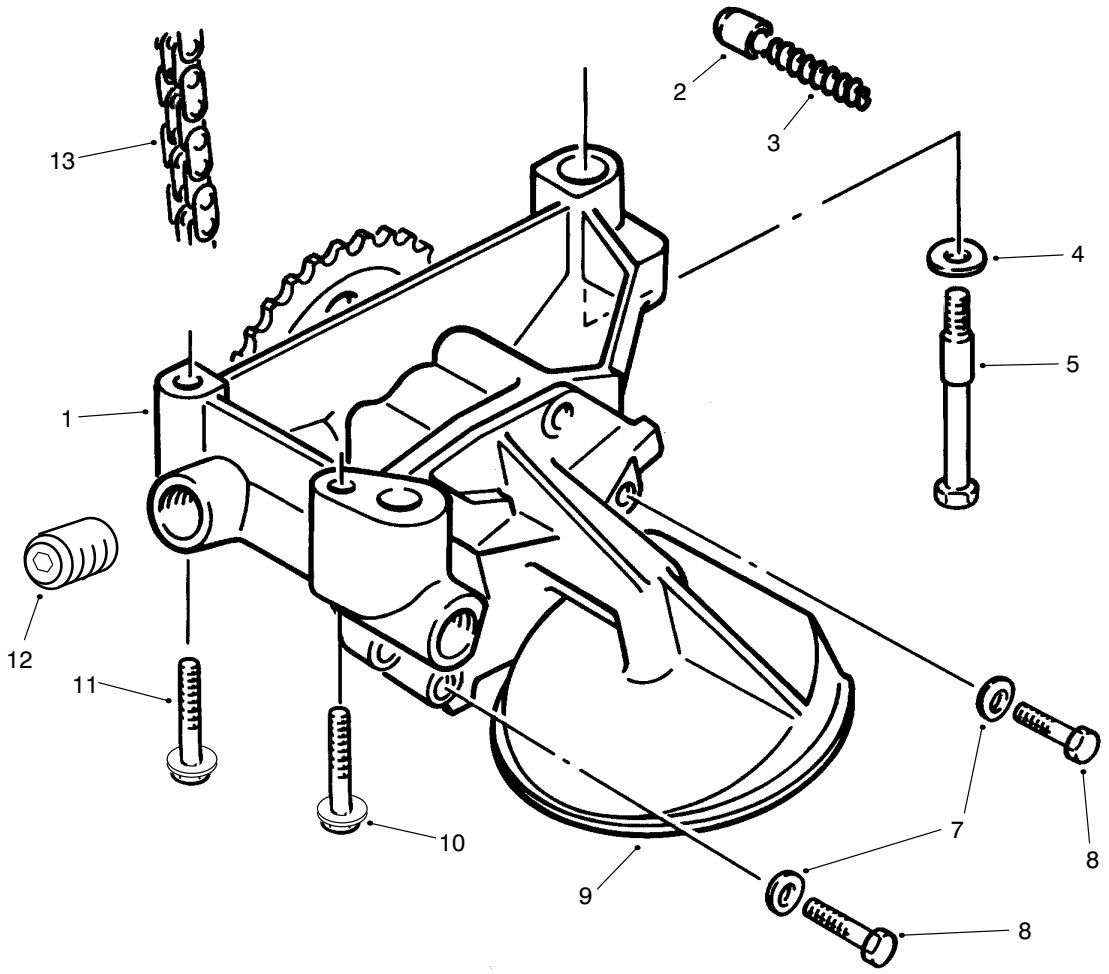
T−2149−2

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

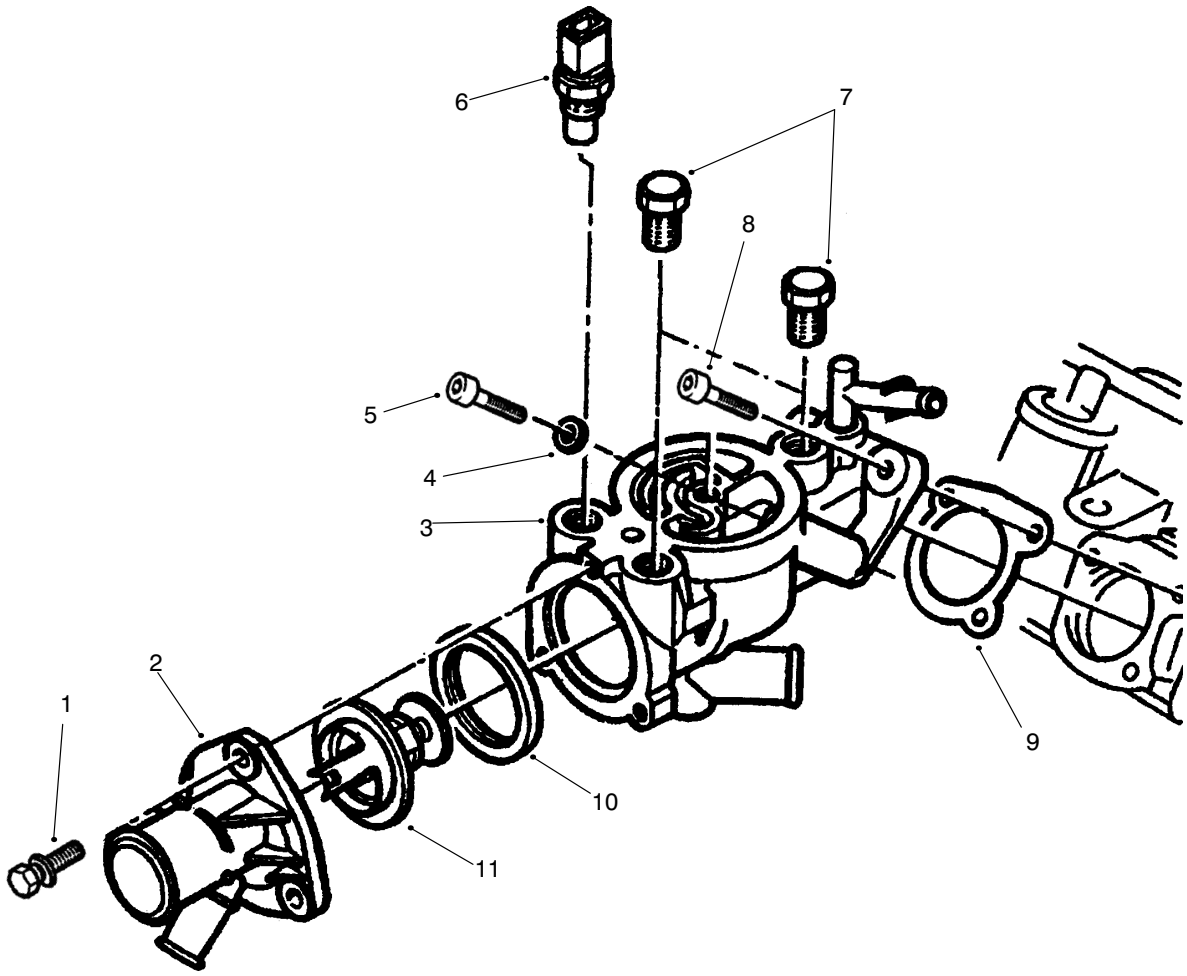


T−0964−1

OIL PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76−5070	Oil Pump Assembly	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 − Cap Hex. Hd.	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

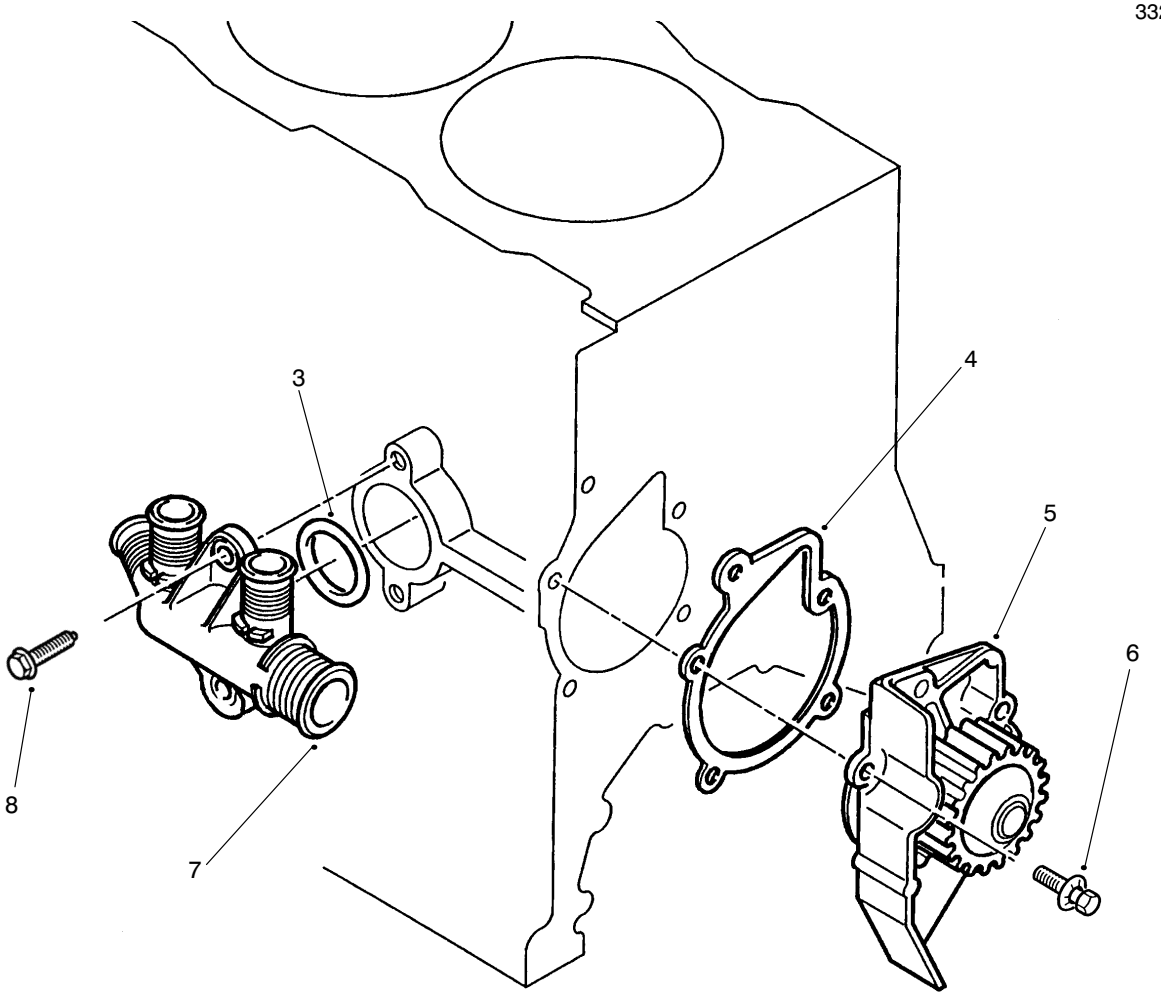


T−2143−1

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



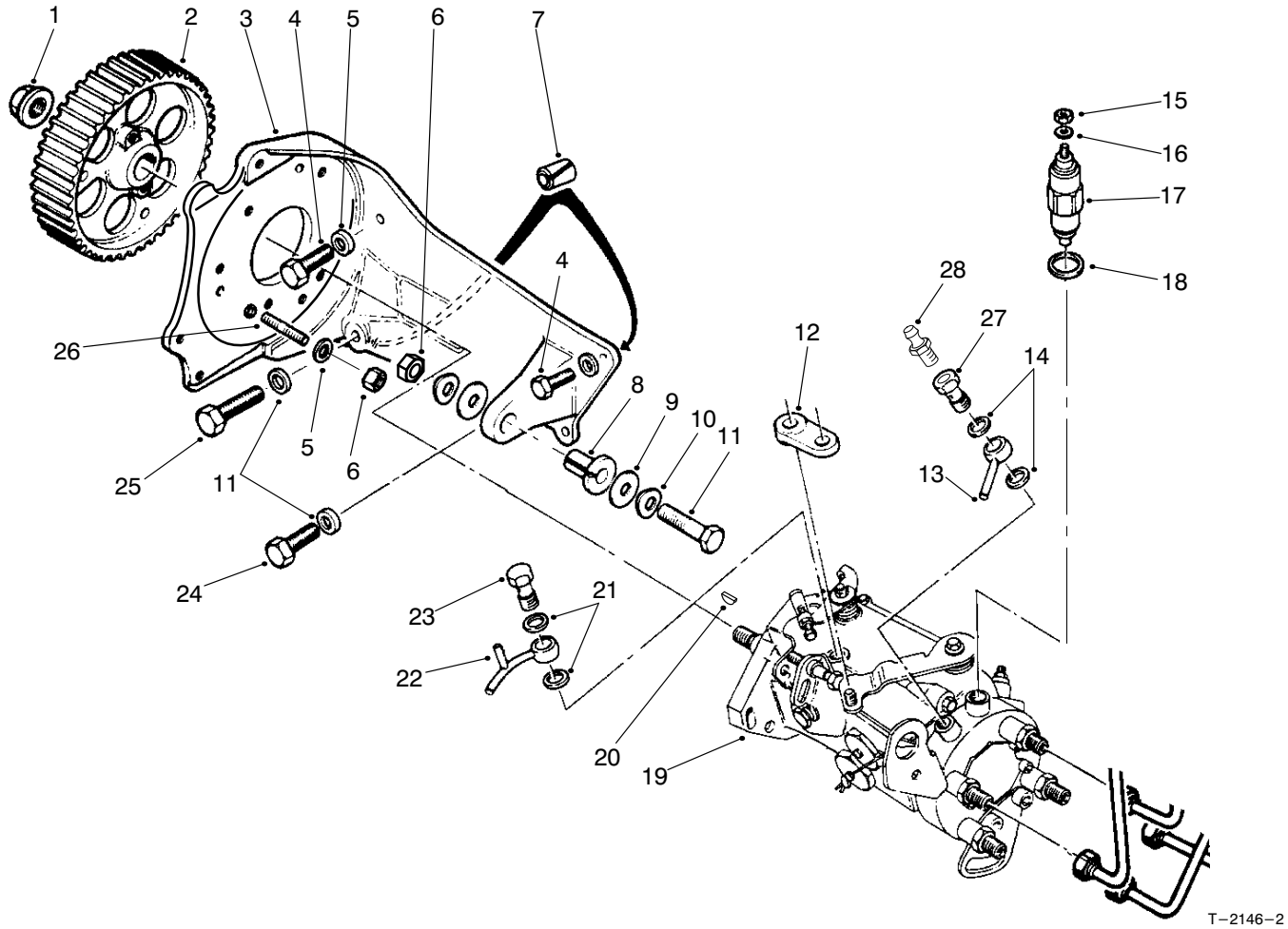
T−2144−1

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
3	94−3197	O−Ring	1
4	98−3837	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

3322−306

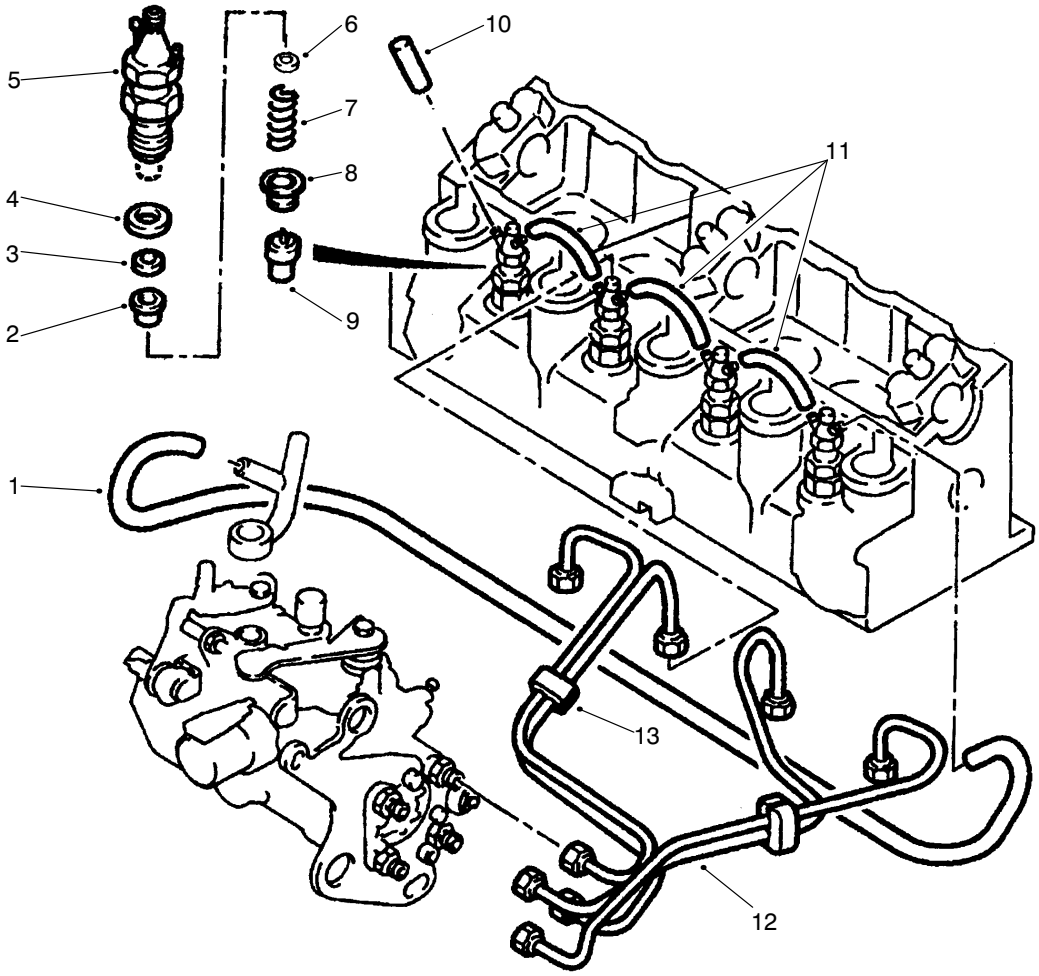


T−2146−2

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	74−8690	Union − Inlet	1
14	74−8680	Gasket	2

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



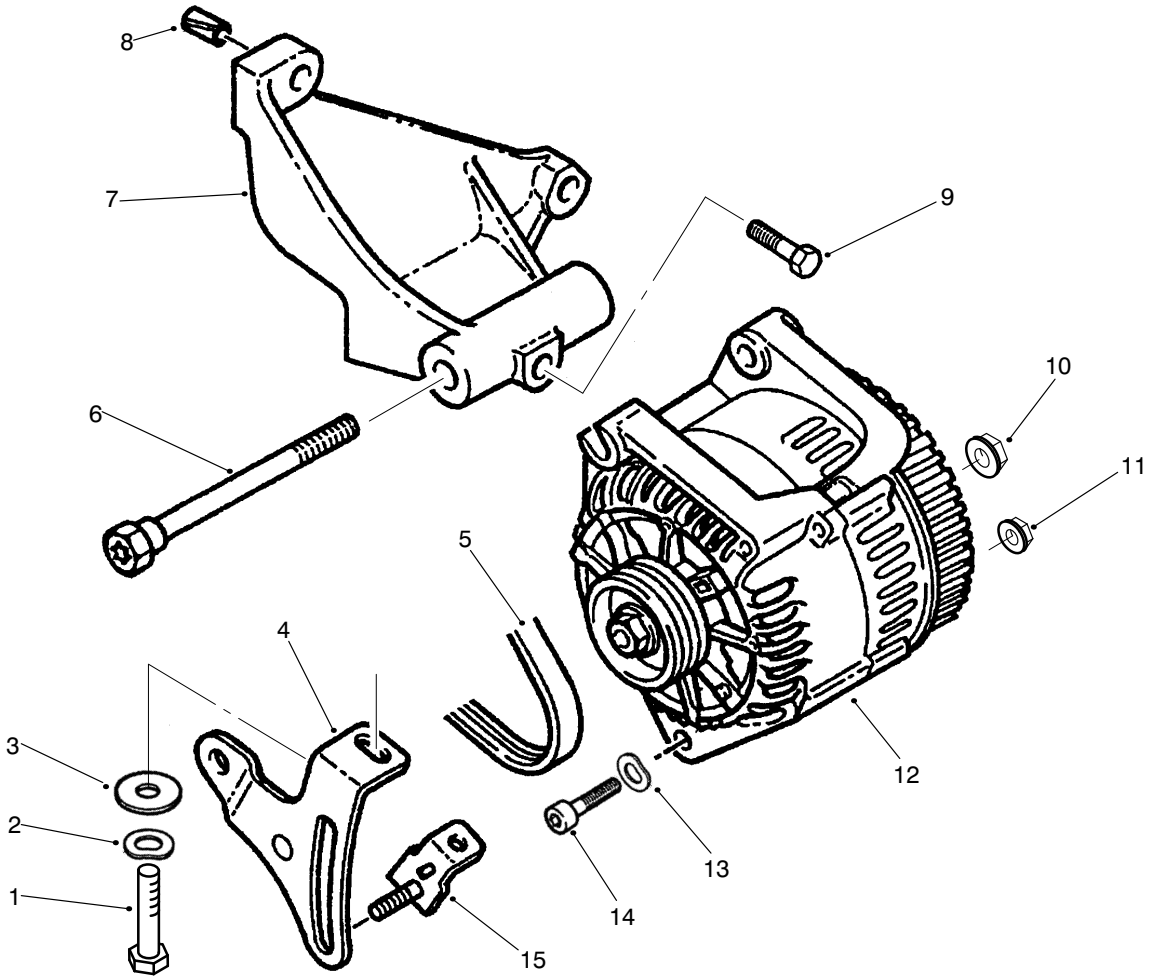
T−2145−1

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	76−5600	Injector	4
10	74−8770	Plug	1
11	94−3229	Union	3
12	74−8750	Pipe	1
13	94−3231	Bracket	2

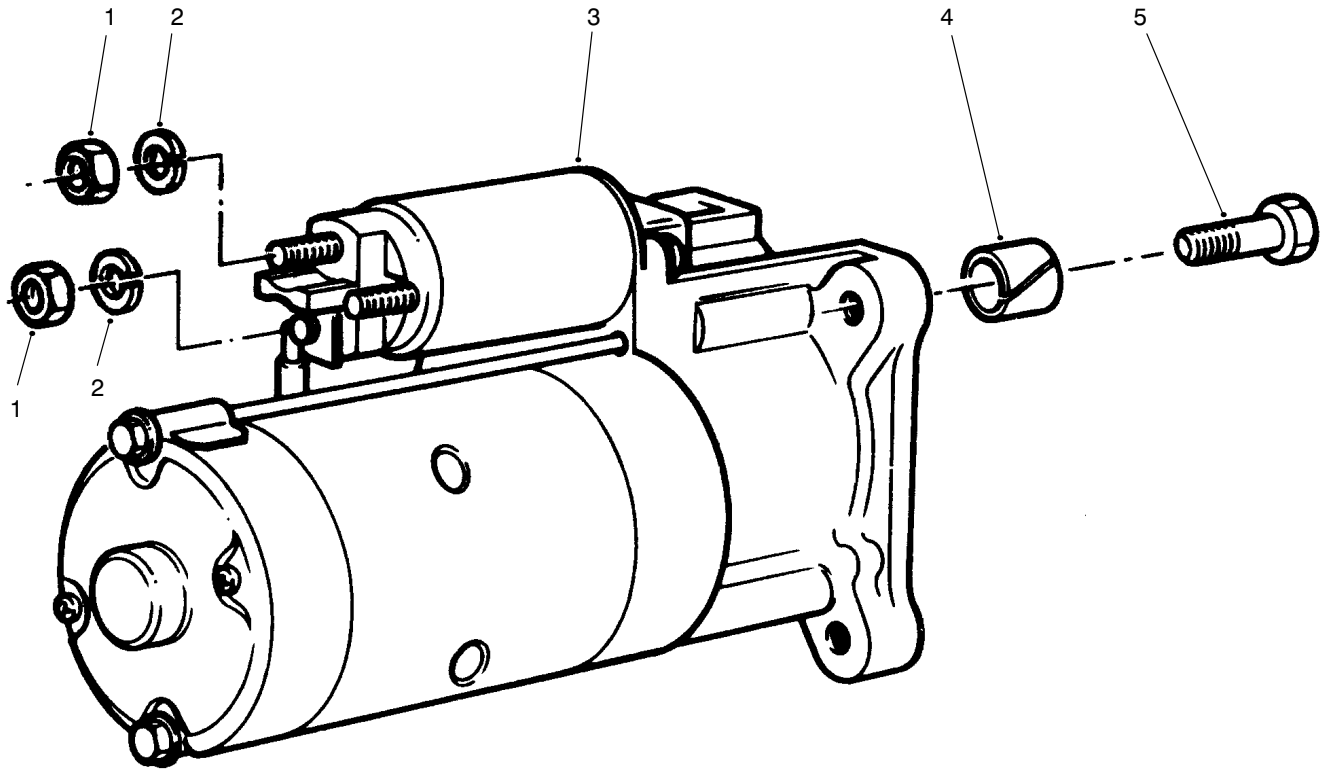
*Not Illustrated



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	76−5000	Screw	1
10	94−3262	Nut	1
11	94−3261	Nut	1
12	94−3252	Alternator	1
13	94−3257	Washer − Spring	1
14	94−3258	Screw	1
15	76−4990	Bracket	1



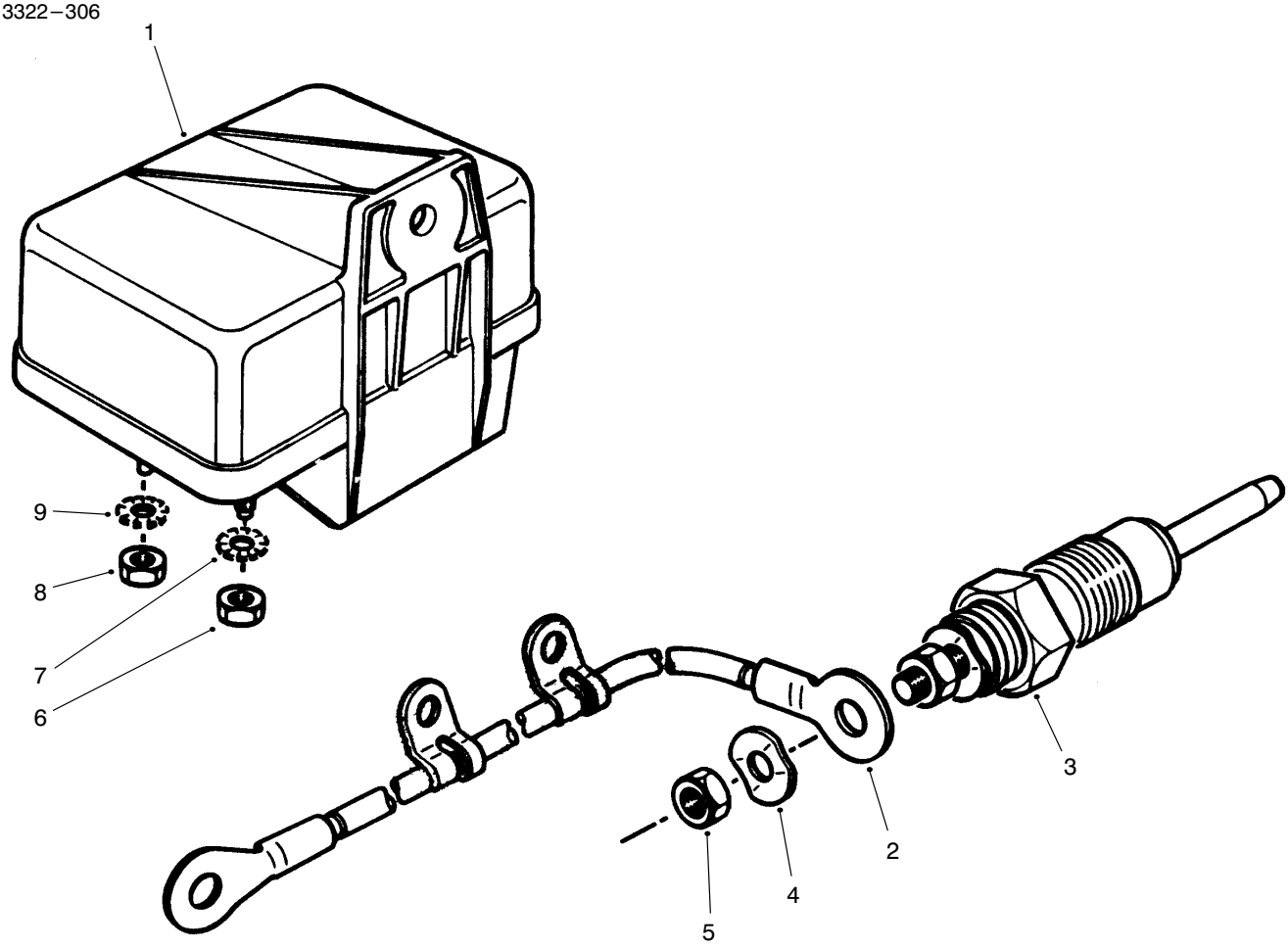
T–0968–1

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46–0330	Nut–Hex	2
2	76–5570	Washer–Lock	2
3	94–3263	Starter	1

Ref. No.	Part No.	Description	No. Used
4	76–5590	Sleeve – Spring	1
5	48–7810	Screw–Mounting	3

3322−306

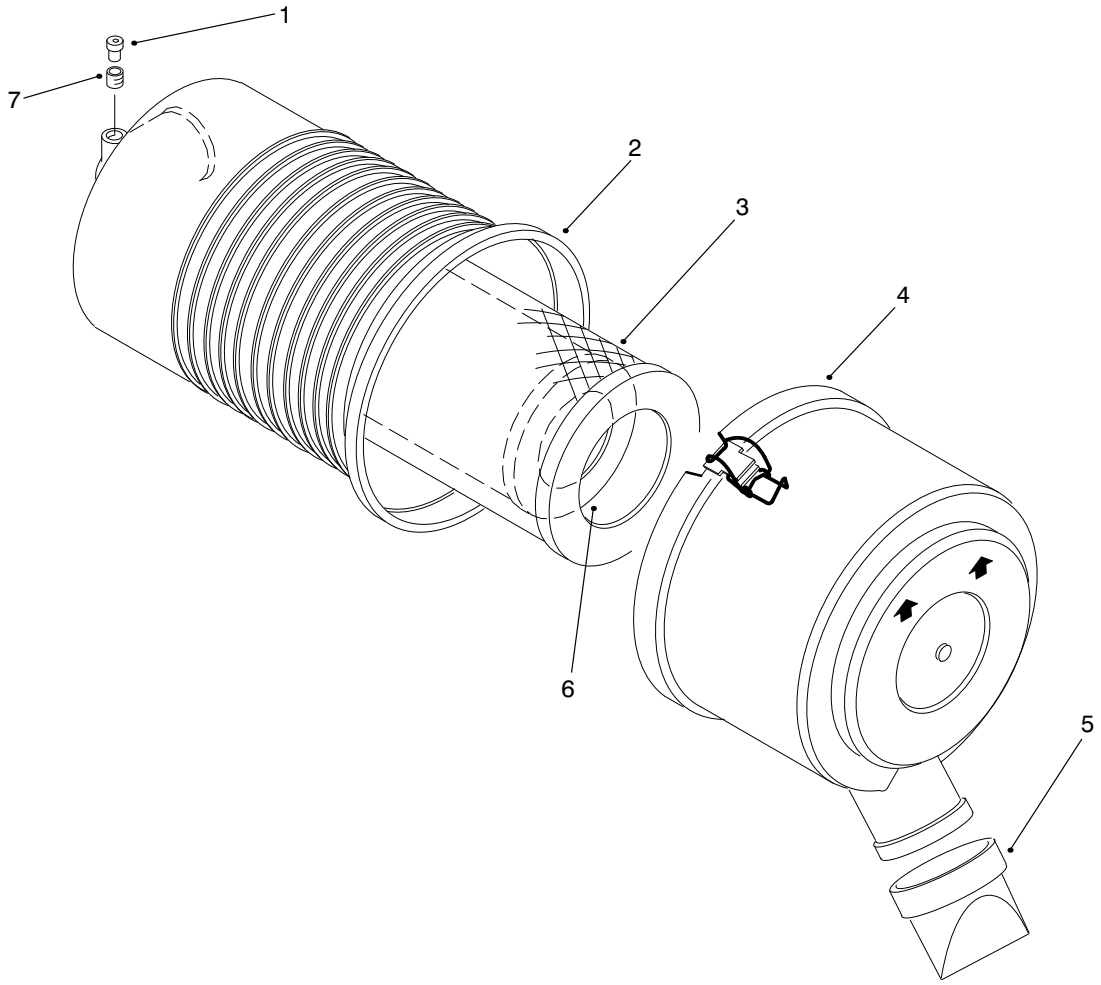


T−0972−1

GLOW PLUG & GLOW RELAY

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

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

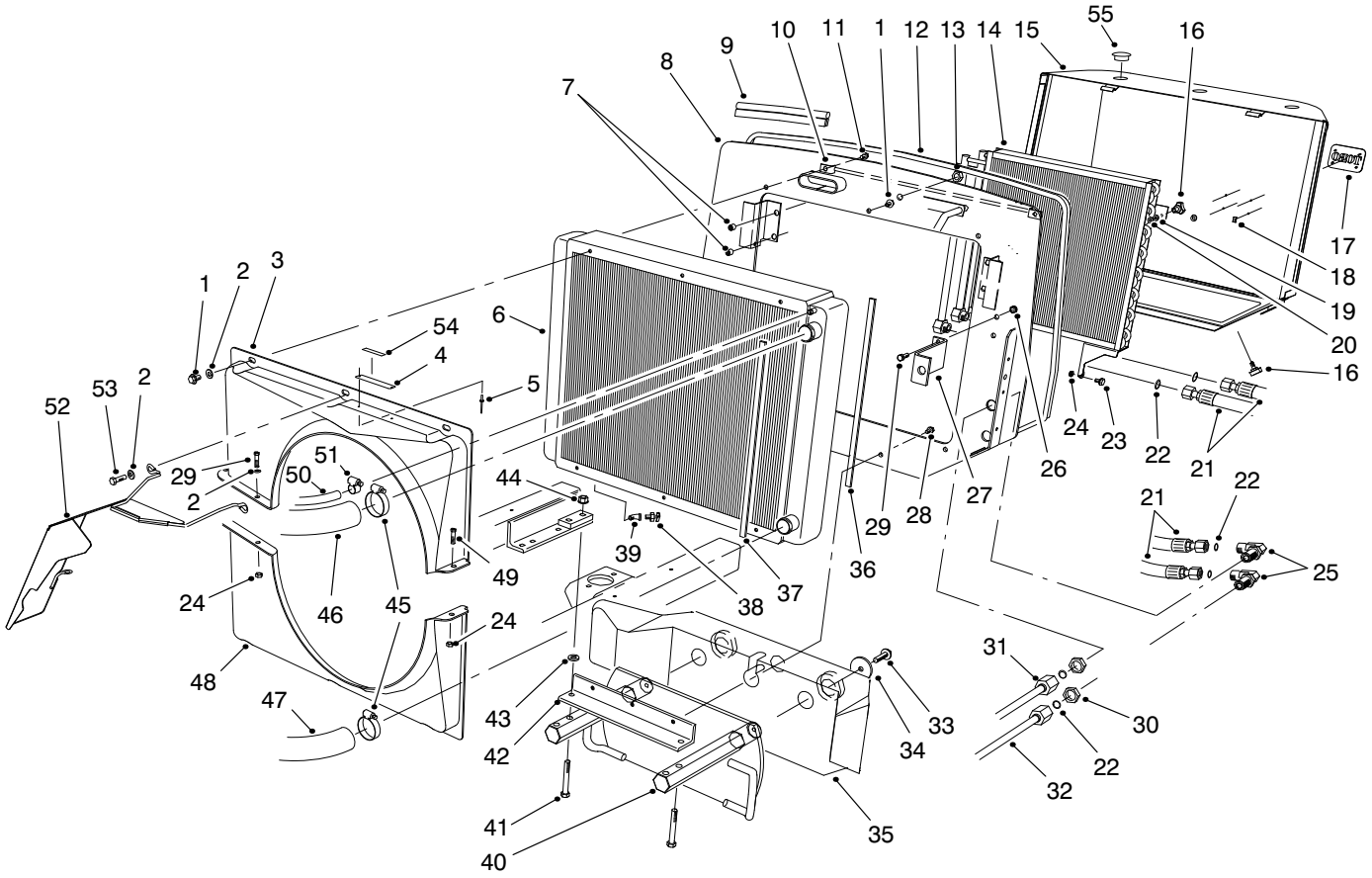


T−2076−1

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		Asm. − Cover	1

Ref. No.	Part No.	Description	No. Used
5	87−9400	Valve − Vacuator	1
6	93−9163	Filter − Safety	1
7	94−1416	Asm. − Adaptor	1

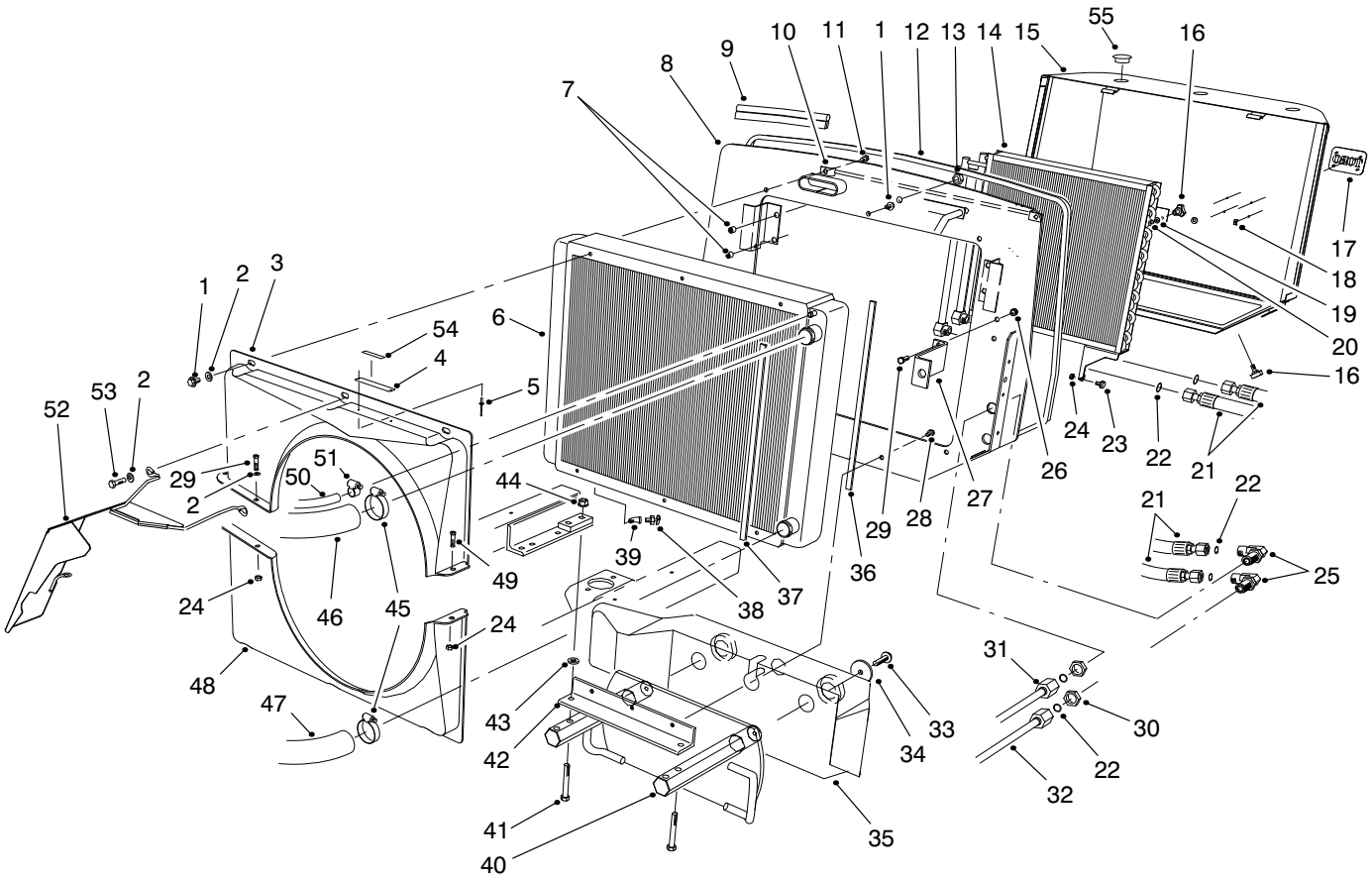


T−1518−3

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234−30	Screw − Hex. Flange Hd.	8
2	3256−23	Washer − Flat	7
3	74−4980	Shroud − Fan Upper	1
4	76−8750	Plate − Caution	1
5	3290−271	Rivet − Pop	2
6	74−3410	Radiator	1
7	32148−10	Insert − Threaded	4
8	93−7799	Radiator Mount Assembly (Incl. Ref. #7)	1
9	94−5616	Seal − Hood	1
10	94−5621	Bracket Assembly − Screen	1
11	3234−14	Screw − Hex. Hd. Flange	2
12	94−5622	Seal Strip − Screen	1
13	3296−23	Nut − Hex. Lock	2
14	82−3740	Oil Cooler Assembly	1
15	94−5612	Screen Assembly	1
16	77−3620	Retainer − Cover	4
17	93−6028	Plate − Logo, TORO	1
18	94−2638	Nut − Tinnerman	4
19	3256−3	Washer − Flat	2
20	32151−72	Retainer − Push−On	2
21	94−8010	Hose − Hydraulic	2
22	237−65	O−Ring	6
23	37−8771	Screw − Hex. Washer Hd.	2
24	3296−47	Nut − Lock	5

Ref. No.	Part No.	Description	No. Used
25	340−72	Fitting − Hydraulic 90° (Incl. Ref. #22)	2
26	32128−20	Nut − Lock Flange	2
27	93−7244	Bracket − Support	1
28	3234−11	Screw − Hex. Washer Hd.	5
29	322−4	Screw − Cap Hex. Hd.	3
30	340−74	Nut − Bulkhead	2
31	74−6400	Assembly − Tube	1
32	94−8298	Tube Assembly − Oil Cooler	1
33	325−34	Screw − Hex. Flange Hd.	2
34	88−1360	Washer	2
35	92−9711	Weight − Rear	1
36	76−6381	Seal − Strip	2
37	76−6382	Seal − Strip	2
38	304−46	Drain Cock	1
39	2811−1	Fitting − 45° Elbow	1
40	98−7070	Weight − Rear	1
41	325−35	Screw − Cap Hex. Hd.	2
42	74−5460	Angle Radiator Support	1
43	3256−26	Washer − Flat	2
44	32128−49	Nut − Hex. Flange	2
45	2412−3	Clamp − Hose	2
46	94−1418	Hose − Radiator, Upper	1
47	74−6020	Hose − Radiator, Lower	1
48	74−4990	Shroud − Fan, Bottom	1
49	322−3	Screw − Cap Hex. Hd.	2

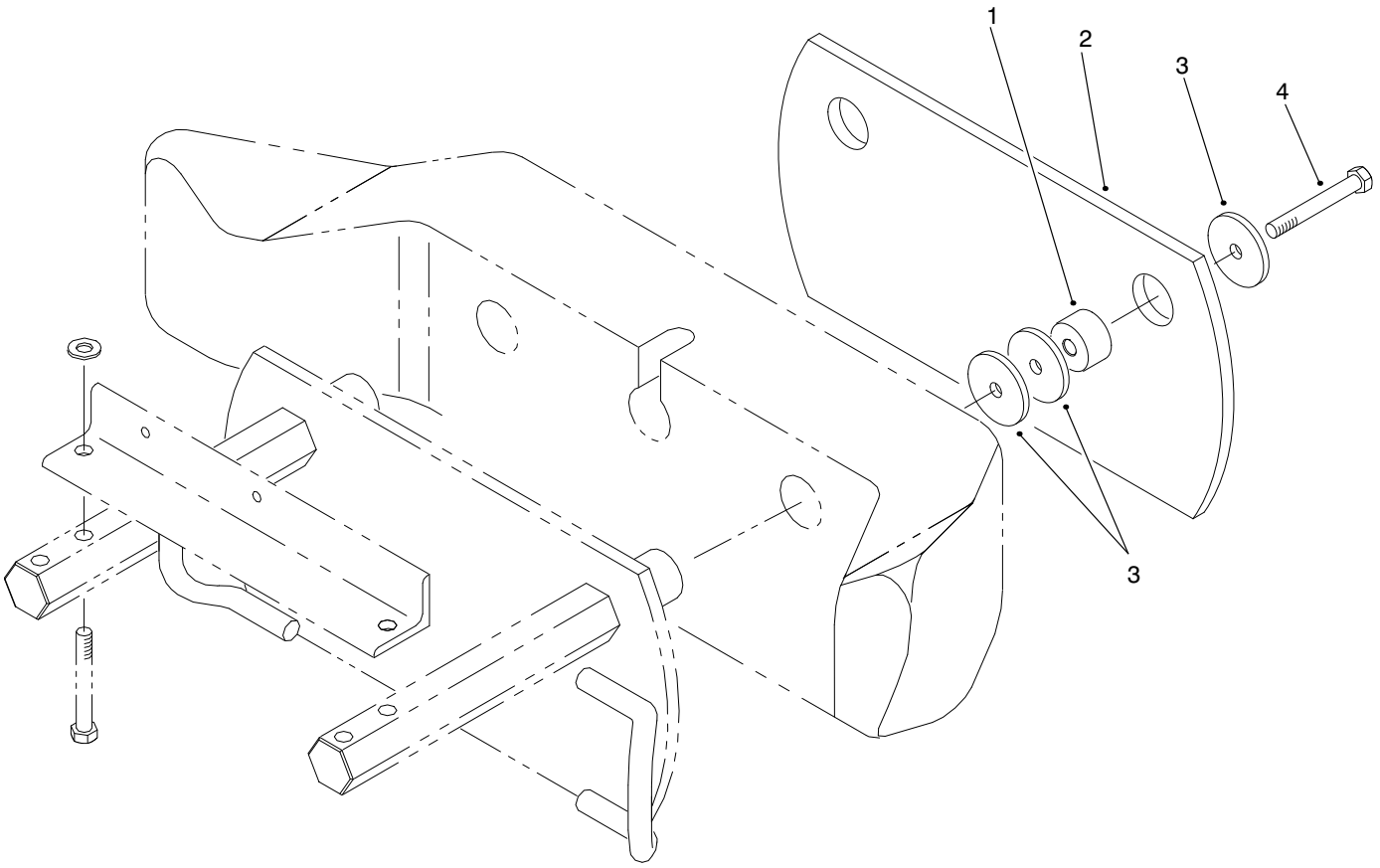


T−1518−3

RADIATOR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
50	94−5625	Hose − Radiator, Overflow	1
51	2412−36	Clamp − Hose	1
52	94−5635	Guard − Fan	1

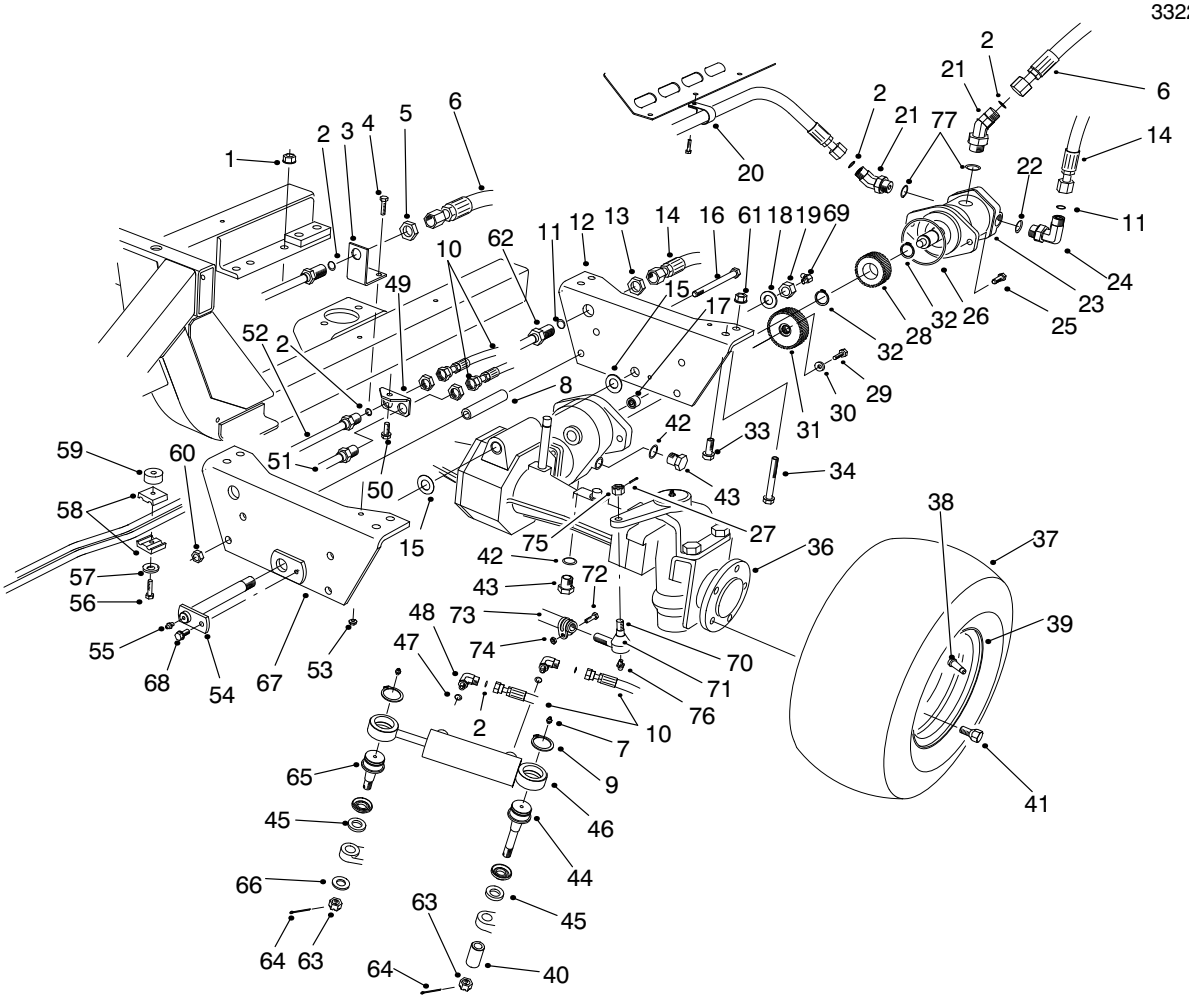
Ref. No.	Part No.	Description	No. Used
53	3234−5	Screw − Hex. Flange Hd.	2
54	93−6681	Decal − Warning	1
55	2410−64	Plug − Hole	3



T−1946−1

ADDITIONAL WEIGHT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	84−1570	Spacer	2
2	88−1220	Plate	2
3	88−1360	Washer − Rear Weight	6
4	325−18	Screw − Cap Hex. Hd.	2

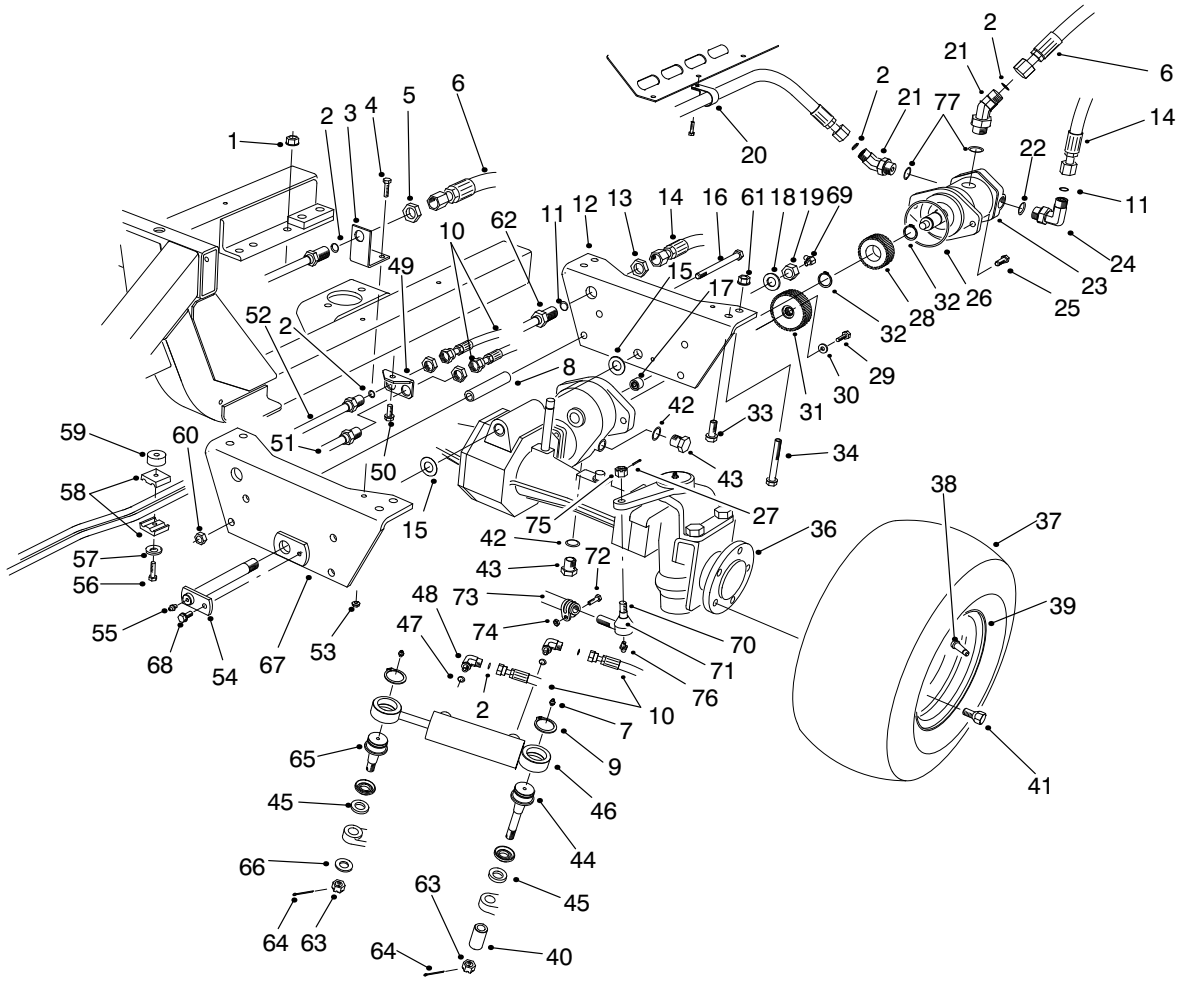


T–1774–4

REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128–23	Nut–Flange Lock	2
2	237–22	Seal–O–Ring	8
3	76–9290	Bracket–Bulkhead	1
4	3234–4	Screw–Cap Hex. Hd.	1
5	340–70	Nut–Bulkhead	3
6	86–3140	Hose–Hydraulic	1
7	302–5	Fitting–Grease	2
8	98–7076	Stop–Axle	2
9	32151–104	Ring–Retaining	2
10	76–9590	Hose–Hydraulic	2
11	237–65	O–Ring	2
12	94–8246	Plate–Axle Pivot Rear	1
13	340–74	Nut–Bulkhead	1
14	86–2730	Hose–Hydraulic	1
15	98–3867	Washer–Thrust	2
16	325–36	Screw–Cap Hex. Hd.	2
17	74–5700	Bearing–Needle	1
18	69–8910	Washer–Flat	1
19	3296–68	Nut–Lock	1
20	2412–74	Clamp–R	1
21	340–18	Fitting–Hydraulic 45˚ (Incl. Ref. #2 & 77)	2
22	237–81	O–Ring	1
23	99–7502	Motor–Hydraulic	1
24	340–139	Fitting–Hydraulic 90˚ (Incl. Ref. #11 & 22)	1

Ref. No.	Part No.	Description	No. Used
25	325–6	Screw–Cap Hex. Hd.	2
26	237–166	O–Ring	1
27	3272–17	Pin–Cotter	2
28	95–4393	Gear–Driver	1
29	33114–025	Screw–HH	1
30	88–7200	Washer–Flat	1
31	99–7500	Clutch–Bidirectional	1
32	32120–15	Ring–Retaining	2
33	325–12	Screw–Hex. Flange Hd.	2
34	325–35	Screw–Cap Hex. Hd.	2
35	95–4391	Tie Rod Assembly (Incl. Ref. #70–76)	1
36	95–7500	Axle–4wd	1
37	86–5910	Tire	2
38	217–125	Rim	2
39	232–27	Stem–Valve	2
40	92–5844	Spacer–Ball Joint	1
41	74–5500	Bolt–Wheel	10
42	237–42	O–Ring	3
43	353–508	Plug (Incl. Ref. #42)	2
44	92–5839	Ball Joint	1
45	92–5833	Spacer–Ball Joint	2
46	98–3806	Cylinder–Hydraulic	1
47	237–78	O–Ring	2

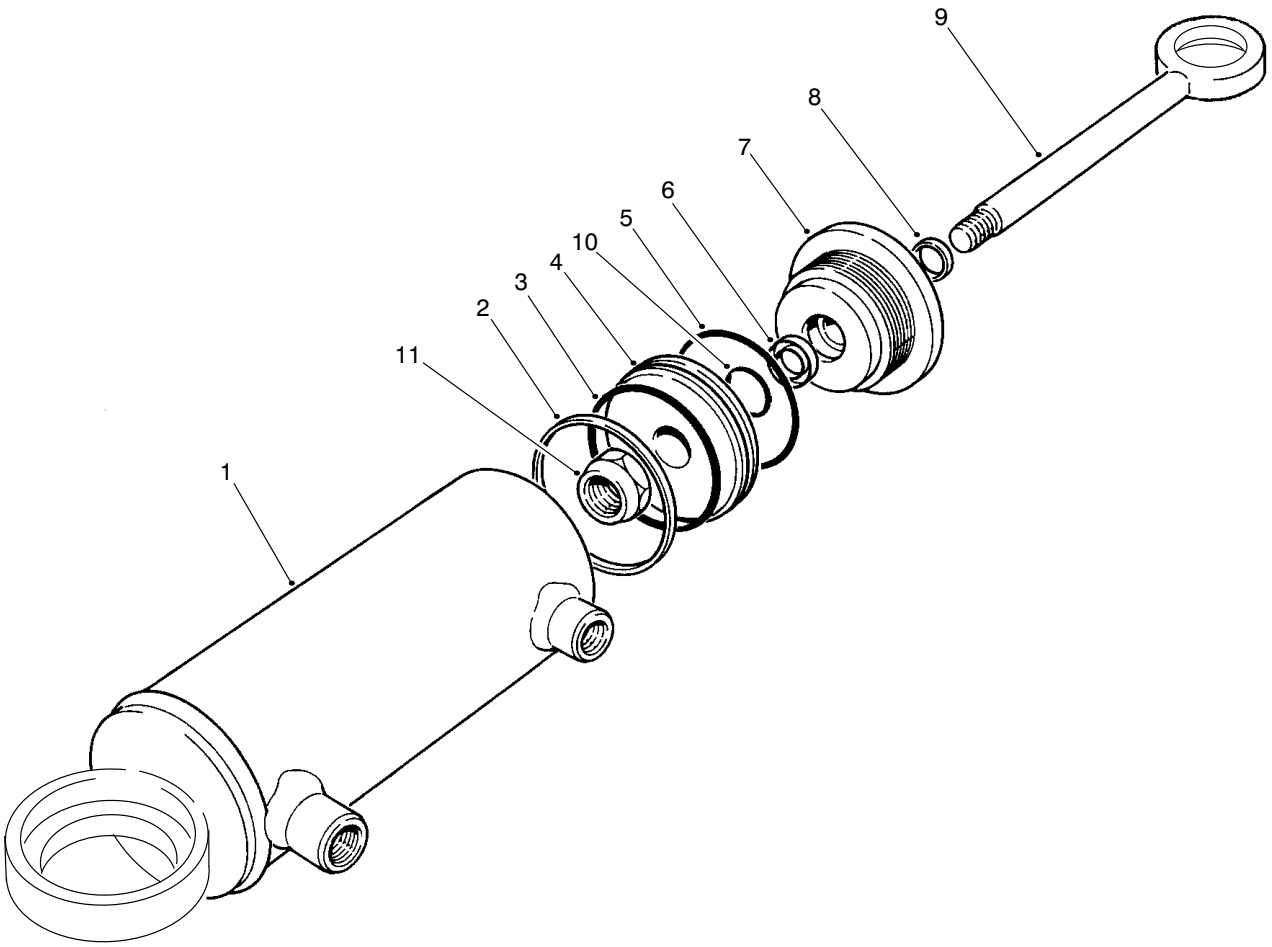


T–1774–4

REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
48	340–97	Fitting–Hydraulic 90˚ (Incl. Ref. #2 & 47)	2
49	98–3806	Bracket–Bulkhead	1
50	32144–11	Screw–Hex. Washer Hd.	1
51	86–5790	Tube Assembly LH Rear	1
52	86–5780	Tube Assembly RH Rear	1
53	32128–33	Nut–Flange, Lock	1
54	98–7077	Pin–Axle Pivot	1
55	302–2	Fitting–Grease	1
56	32104–37	Screw–Cap Hex. Hd.	1
57	3256–71	Washer–Flat	1
58	56–7973	Clamp–Hose	2
59	80–8660	Spacer	1
60	3296–23	Nut–Lock	2
61	32128–49	Nut–Lock	2
62	86–2770	Assembly–Tube	1

Ref. No.	Part No.	Description	No. Used
63	32136–14	Nut–Hex. Slotted Hd.	2
64	3272–12	Pin–Cotter	2
65	92–5838	Ball Joint	1
66	92–5836	Washer–Axle	1
67	94–8247	Plate–Axle Pivot Front	1
68	32144–41	Screw–Hex. Flange Hd.	1
69	302–33	Fitting–Grease 90˚	1
70	2411–45	Tie Rod End	2
71	71–4760	Seal	2
72	323–9	Screw–HH	2
73	99–7503	Tube & Clamp Assembly	1
74	3296–39	Nut–Hex. Lock	2
75	32136–13	Nut–Hex. Slotted	2
76	302–55	Fitting–Lube	2
77	237–79	O–Ring	2



T−1776−1

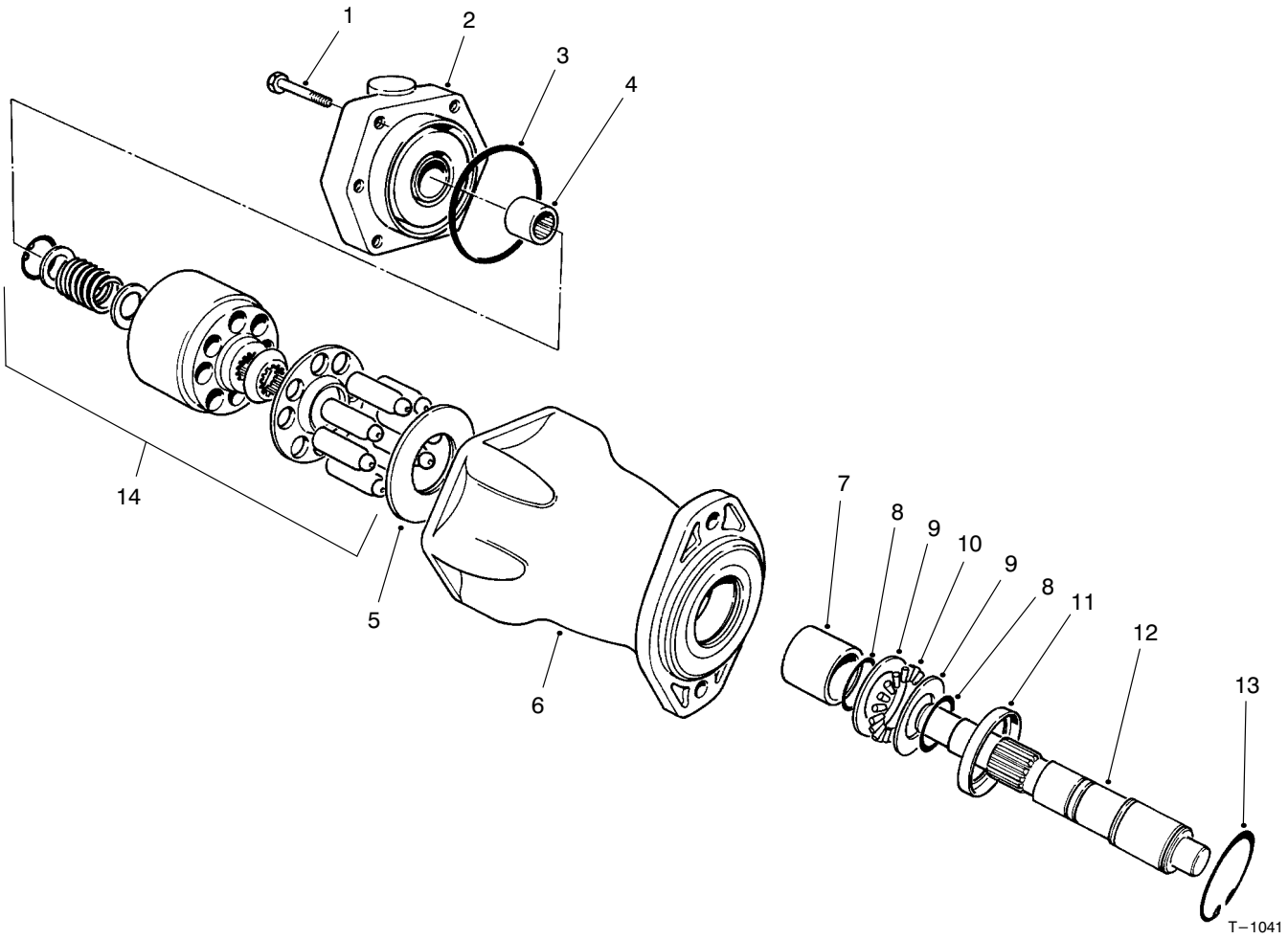
HYDRAULIC CYLINDER NO. 98−3806
(Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	99−4753	Butt & Tube Assembly	1
2		Seal−Teflon	1
3		O−Ring	1
4	66−1940	Piston	1
5		O−Ring	1
6		U−Cup	1
7	92−6588	Gland	1

Ref. No.	Part No.	Description	No. Used
8		Wiper	1
9	99−4754	Piston Rod Assembly	1
10		O−Ring	1
11	66−1930	Nut−Lock	1
*	92−6593	Kit−Seal (Incl. Ref. #2, 3, 5, 6, 8 & 10)	1

*Not Illustrated

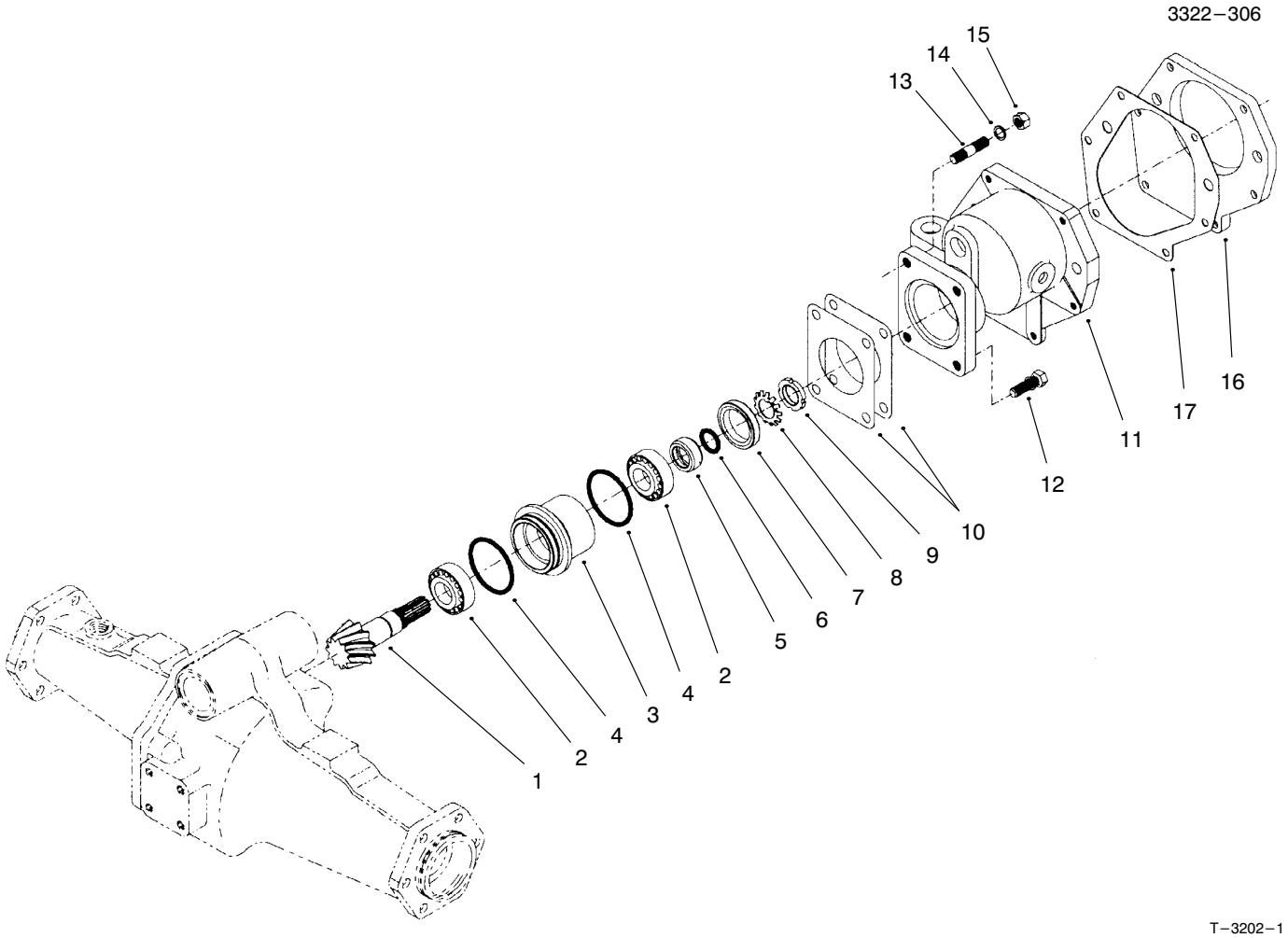
3322−306



HYDRAULIC MOTOR NO. 99−7502
(Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	100−2550	Screw − Cap, Hex. Hd.	6
2	100−2551	Back Plate Assembly (Incl. Ref. #4)	1
3	76−6980	O−Ring	1
4		Bearing	1
5	76−6970	Insert − Camplate	1
6	100−2552	Housing Assembly (Incl. Ref. #7)	1

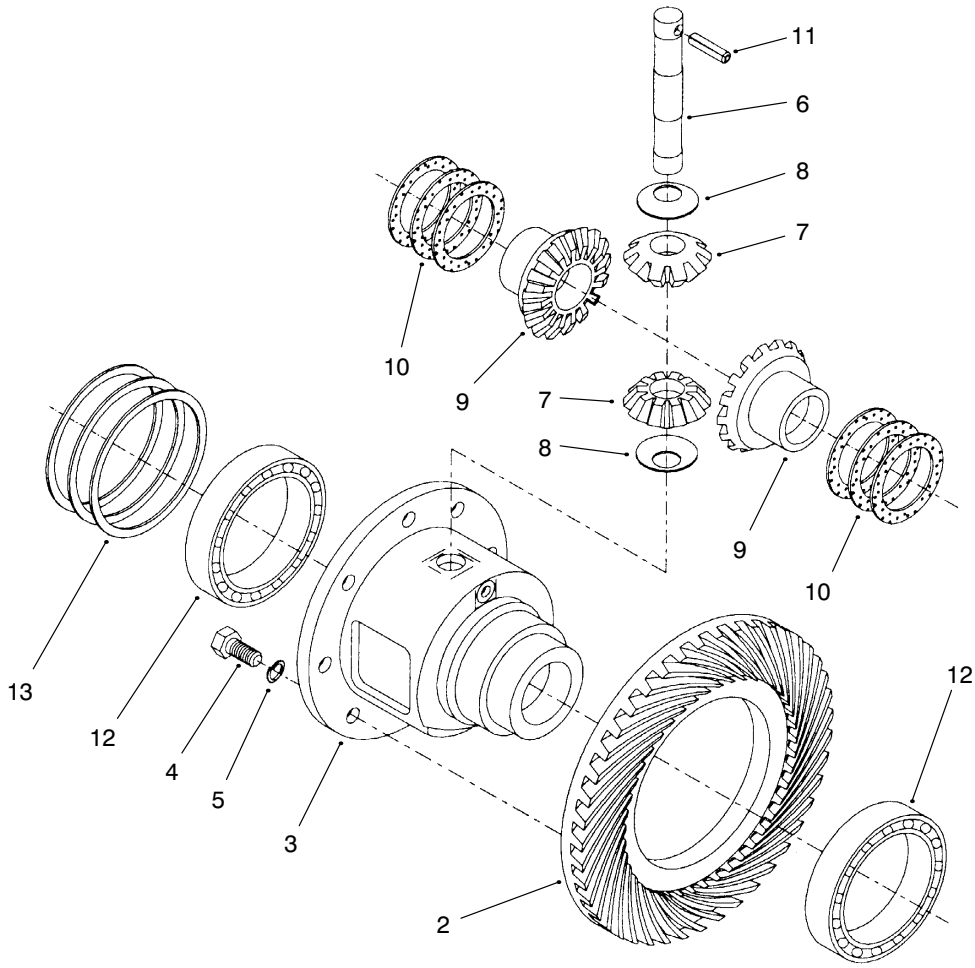
Ref. No.	Part No.	Description	No. Used
7		Bearing	1
8	76−7000	Ring − Retaining	2
9	76−6950	Race − Thrust	1
10	76−6960	Bearing − Thrust	1
11	100−2553	Seal−Shaft	1
12	100−2554	Shaft − Drive	1
13	76−7010	Ring − Retaining	1
14	76−6910	Rotating Assembly	1



REAR AXLE ASSEMBLY NO. 95–7500
BEVEL PINION SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	100–2555	Pinion–Spiral Bevel (Incl. Gear–43 Spiral Bevel)	1
2	99–7570	Bearing–Taper Roller	2
3	95–7534	Case–Bearing	1
4	99–7571	O–Ring	2
5	99–7572	Collar–Oil Seal	1
6	99–7573	O–Ring	1
7	99–7574	Seal–Oil	1
8	99–7559	Washer–Lock	1
9	99–7560	Nut–Lock	1
10	99–7550	Shim–0.1	2
*	99–7551	Shim–0.2	2
11	95–7533	Case–Gear	1
12	99–7575	Bolt	2
13	100–2556	Stud	2
14	99–7527	Washer–Spring	2
15	99–7526	Nut	2
16	95–7541	Plate–Cover	1
17	95–7540	Gasket	1

*Not Illustrated



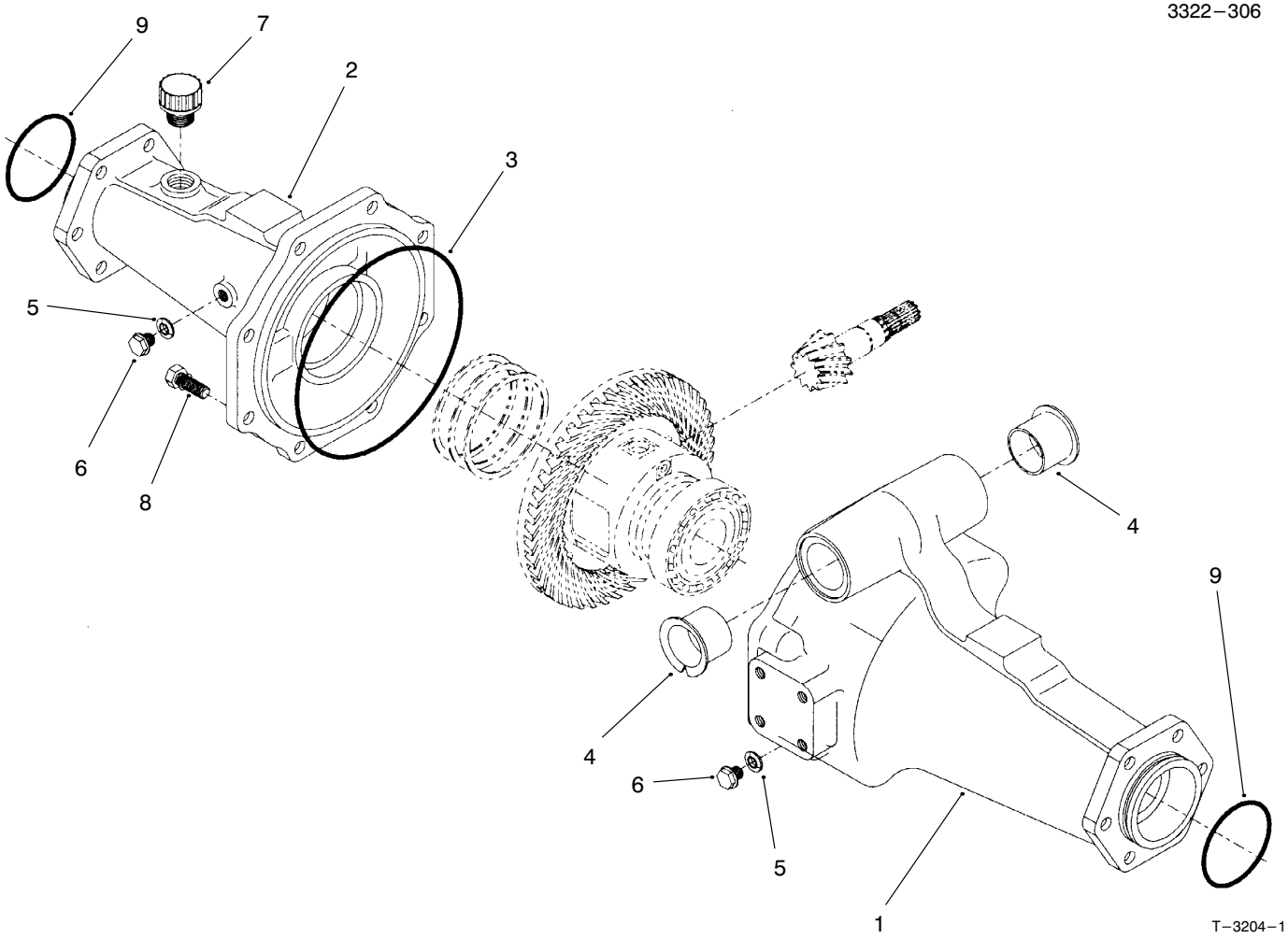
T−3203−1

REAR AXLE ASSEMBLY NO. 95−7500 (Continued)
DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−7503	Differential Assembly (Incl. Ref. #2−11)	1
2	100−2555	Gear−43 Spiral Bevel (Incl. Pinion−Spiral Bevel)	1
3	95−7502	Case−Differential	1
4	99−7576	Bolt	8
5	99−7577	Washer−Spring	8
6	99−7578	Shaft−Differential Pinion	1
7	99−7579	Pinion−Differential	2
8	99−7580	Washer−Differential Pinion	2

Ref. No.	Part No.	Description	No. Used
9	99−7581	Gear−Differential, Side	2
10	99−7582	Washer−Differential	2
*	99−7583	Washer−Differential	2
*	99−7584	Washer−Differential	2
11	99−7588	Pin−Spring	1
12	99−7562	Bearing−Ball	2
13	99−7585	Shim−0.1	2
*	99−7586	Shim−0.2	2
*	99−7587	Shim−0.4	2

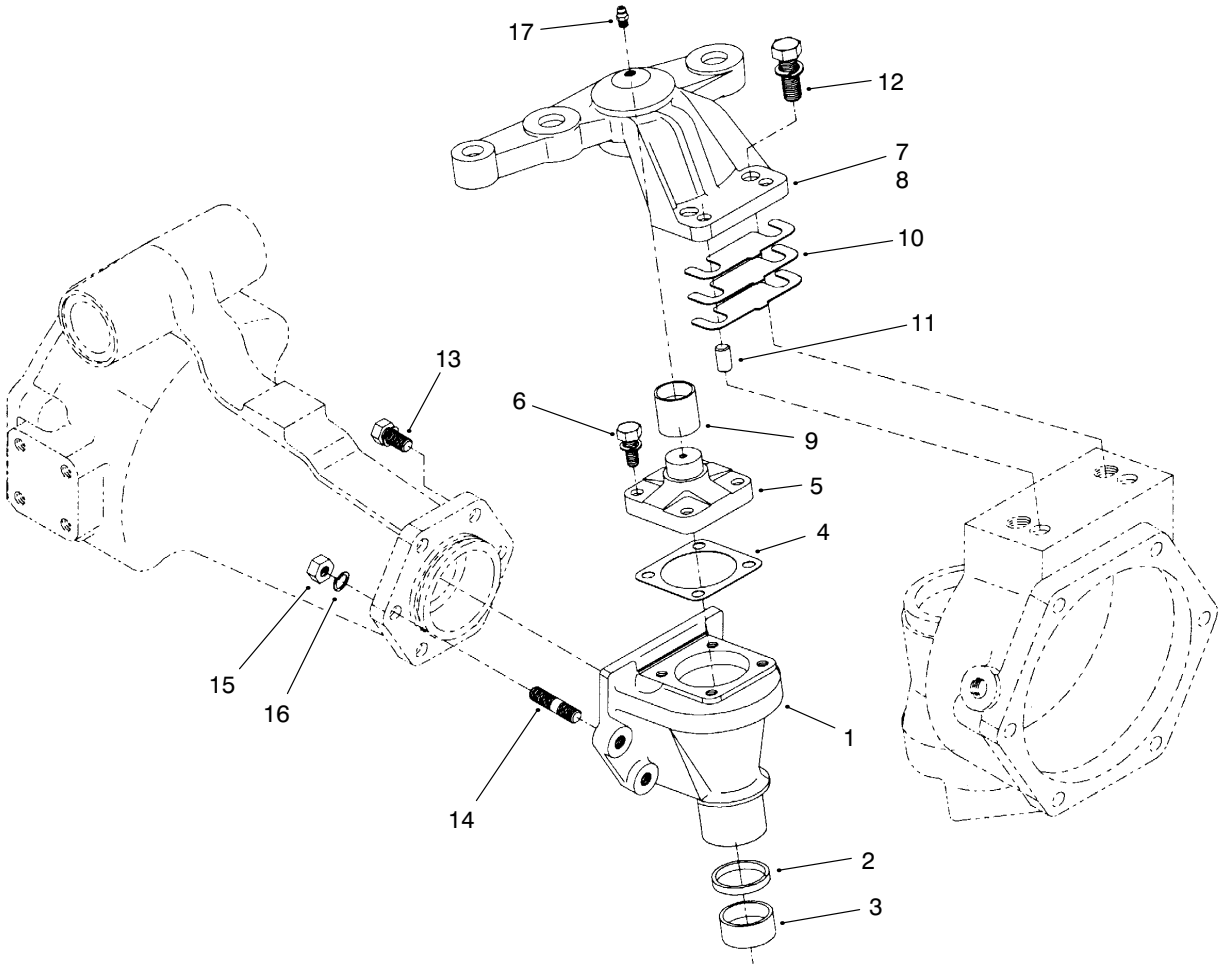
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REAR AXLE ASSEMBLY NO. 95−7500 (Continued)
AXLE SUPPORT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−7508	Support #1−Axle	1
2	95−7506	Support #2−Axle	1
3	95−7507	O−Ring	1
4	95−7537	Bushing−Flange	2
5	99−7589	Plug	2

Ref. No.	Part No.	Description	No. Used
6	99−7590	Washer−seal	2
7	99−7591	Assembly−Oil Plug	1
8	99−7592	Bolt	8
9	99−7593	O−Ring	2



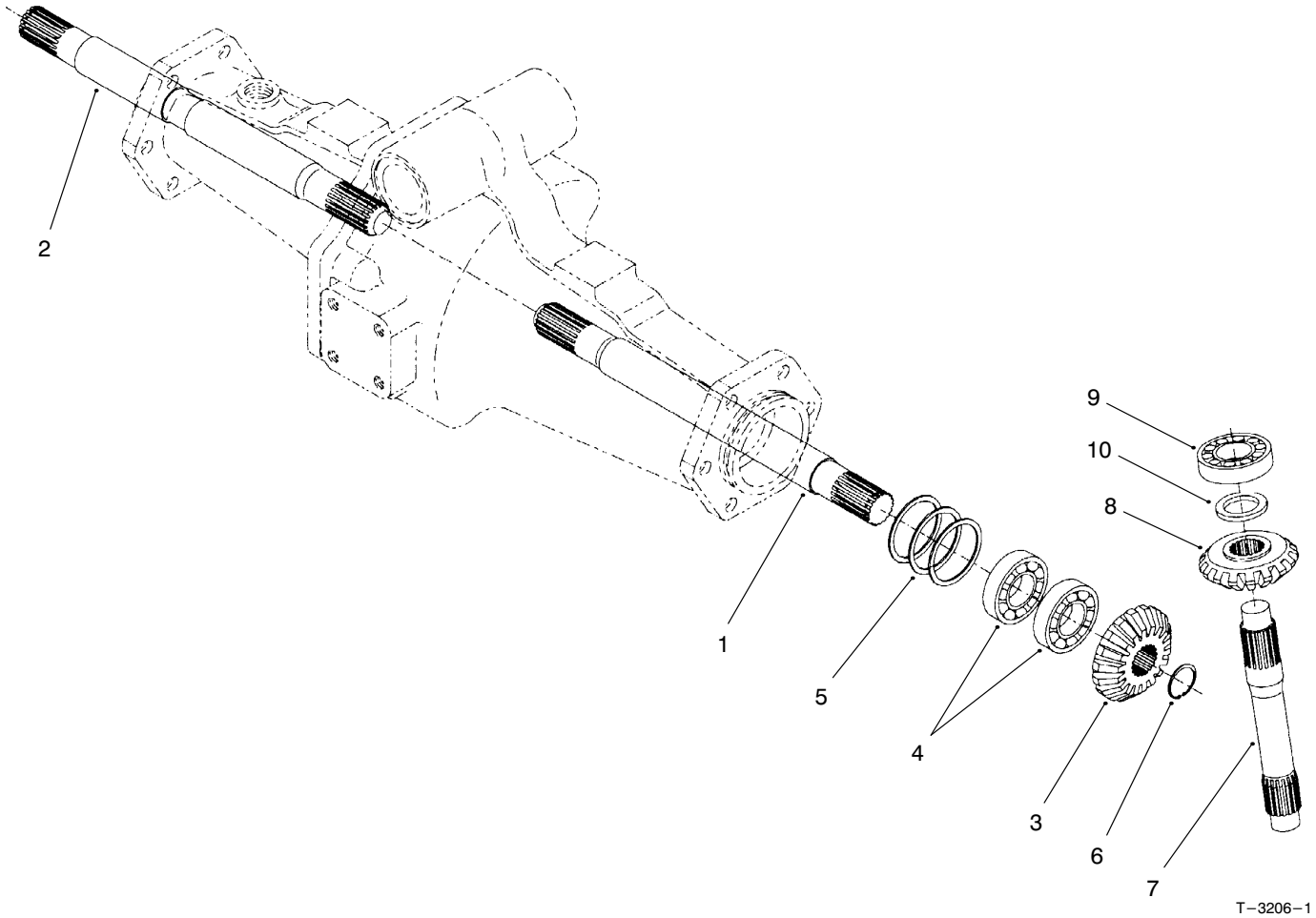
T−3205−1

REAR AXLE ASSEMBLY NO. 95−7500 (Continued)
BEVEL GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−7539	Case−Bevel Gear	2
2	100−2557	Seal−Oil	2
3	100−2558	Bushing	2
4	95−7511	Gasket	2
5	95−7510	Pin−Knuckle	2
6	99−7596	Bolt	8
7	95−7513	Support−Axle Case, LH	1
8	95−7515	Support−Axle Case, RH	1
9	99−7529	Bushing	2

Ref. No.	Part No.	Description	No. Used
10	95−7547	Shim−0.1	2
*	95−7548	Shim−0.2	2
*	95−7549	Shim−0.3	2
11	99−7597	Pin−Straight	4
12	99−7598	Bolt	4
13	99−7599	Bolt	8
14	99−7525	Stud	4
15	99−7526	Nut	4
16	99−7527	Washer−Spring	4
17	99−7528	Nipple−Grease	2

*Not Illustrated



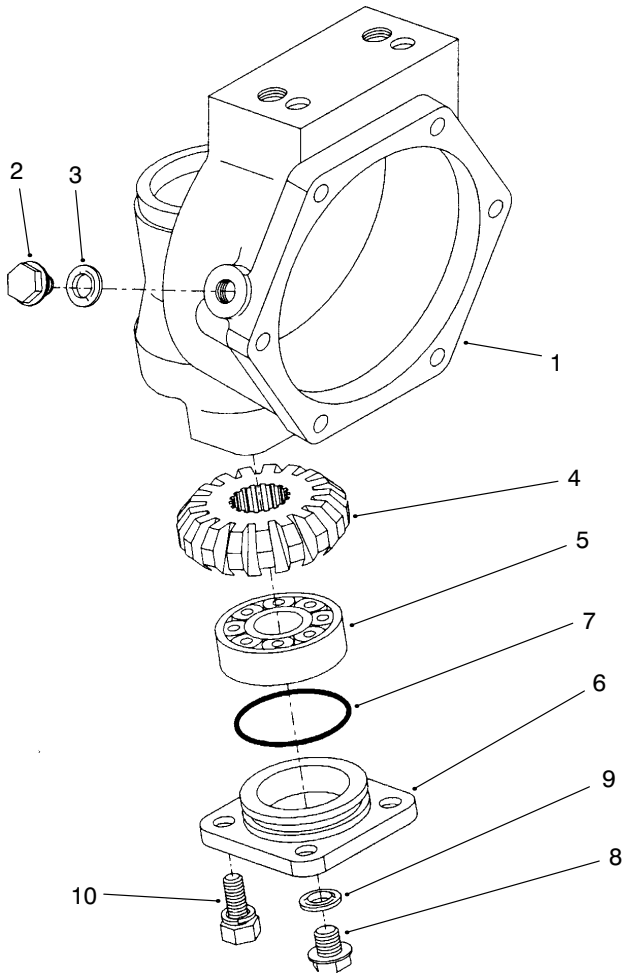
T–3206–1

REAR AXLE ASSEMBLY NO. 95–7500 (Continued)
BEVEL GEAR SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95–7509	Shaft–Differential Gear, LH	1
2	95–7512	Shaft–Differential Gear, RH	1
3	95–7517	Gear–15 Bevel	2
4	99–7530	Bearing–Ball	4
5	99–7552	Shim–0.1	2
*	99–7553	SHim–0.2	2
*	99–7554	Shim–0.5	2

Ref. No.	Part No.	Description	No. Used
6	99–7531	Clip	2
7	95–7529	Shaft–Bevel Gear	2
8	95–7519	Gear–17 Bevel	2
9	99–7532	Bearing–Taper Roller	2
10	99–7558	Collar	2

*Not Illustrated

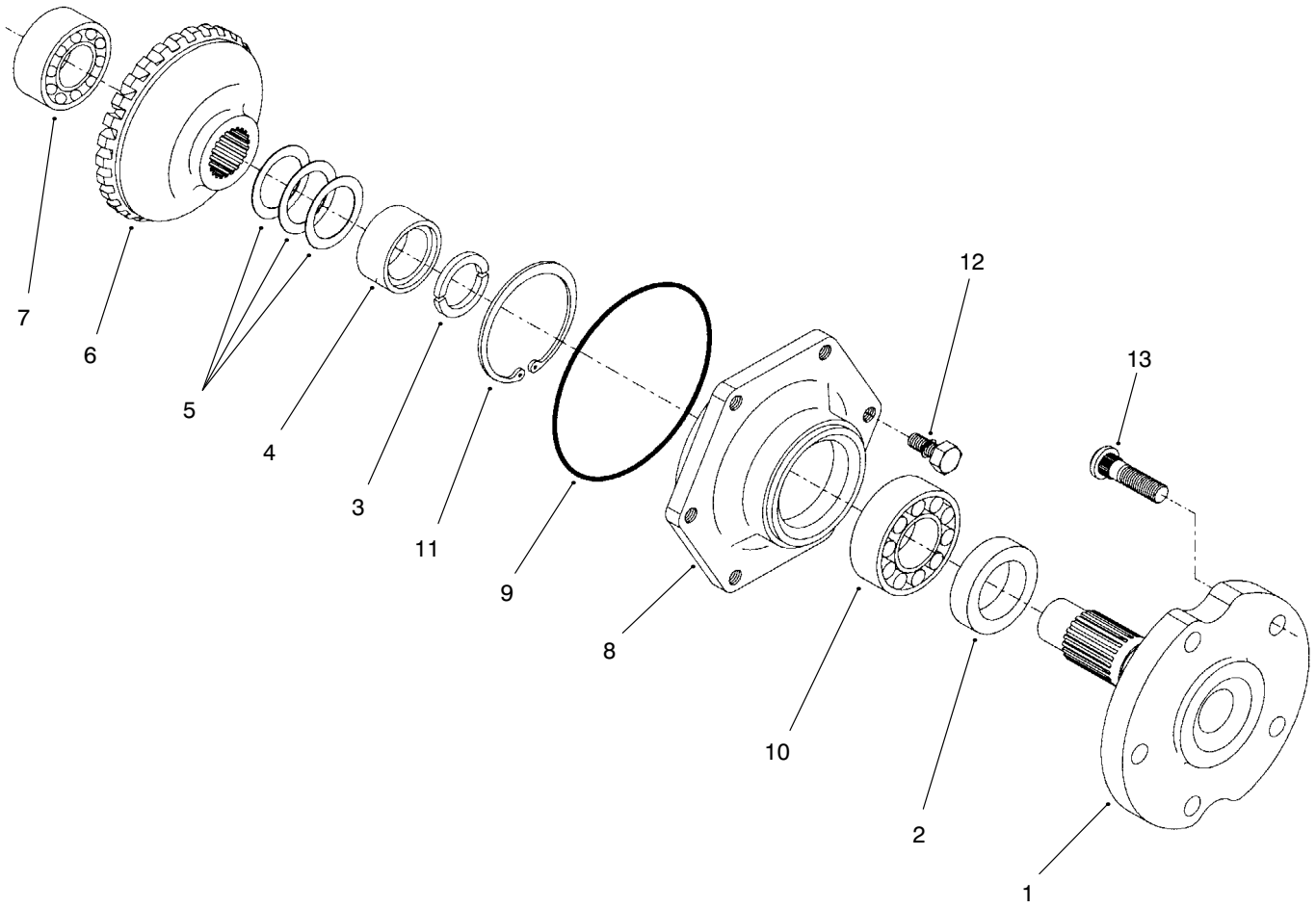


T−3207−1

REAR AXLE ASSEMBLY NO. 95−7500 (Continued)
AXLE CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−7531	Case−Axle	2
2	99−7535	Plug	2
3	99−7536	Washer−Seal	2
4	95−7527	Gear−17 Bevel	2
5	99−7532	Bearing−Taper Roller	2

Ref. No.	Part No.	Description	No. Used
6	100−2560	Cover−Axle	2
7	100−2561	O−Ring	2
8	99−7589	Plug	2
9	99−7590	Washer−Seal	2
10	100−2562	Bolt	8



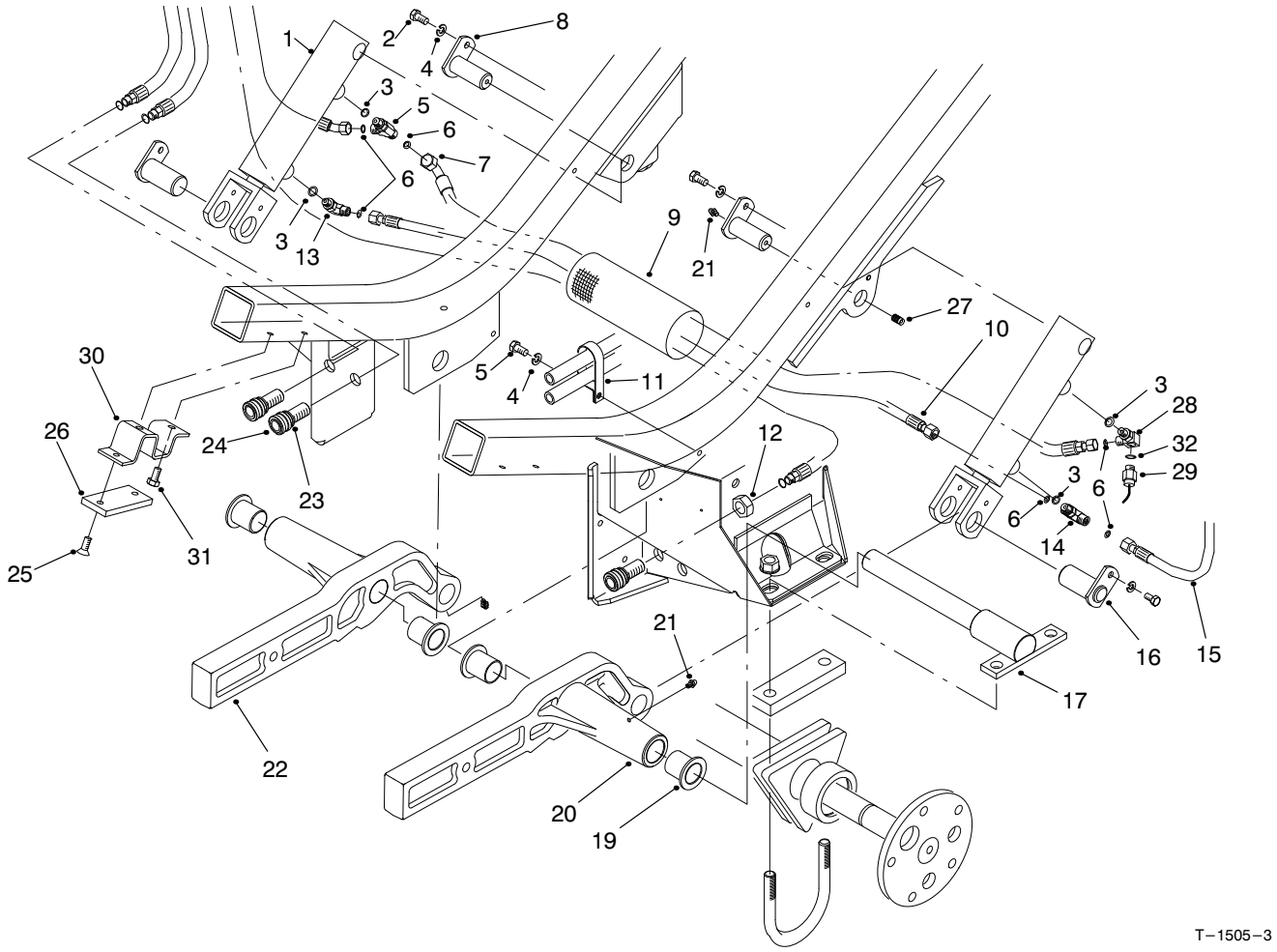
T–3108–1

REAR AXLE ASSEMBLY NO. 95–7500 (Continued)
AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95–7522	Axle	2
2	99–7564	Seal–Oil	2
3	95–7544	Clip	4
4	95–7523	Spacer	2
5	99–7555	Shim–0.3	2
*	99–7556	Shim–0.2	2
*	99–7557	Shim–0.5	2
6	95–7524	Gear–29 Bevel	2
7	99–7534	Bearing–Double Ball	2
8	95–7521	Cover–Axle	2
9	99–7538	O–Ring	2
10	99–7561	Bearing–Ball	2
11	99–7539	Clip	2
12	99–7596	Bolt	12
13	99–7563	Stud	10

*Not Illustrated

3322−306

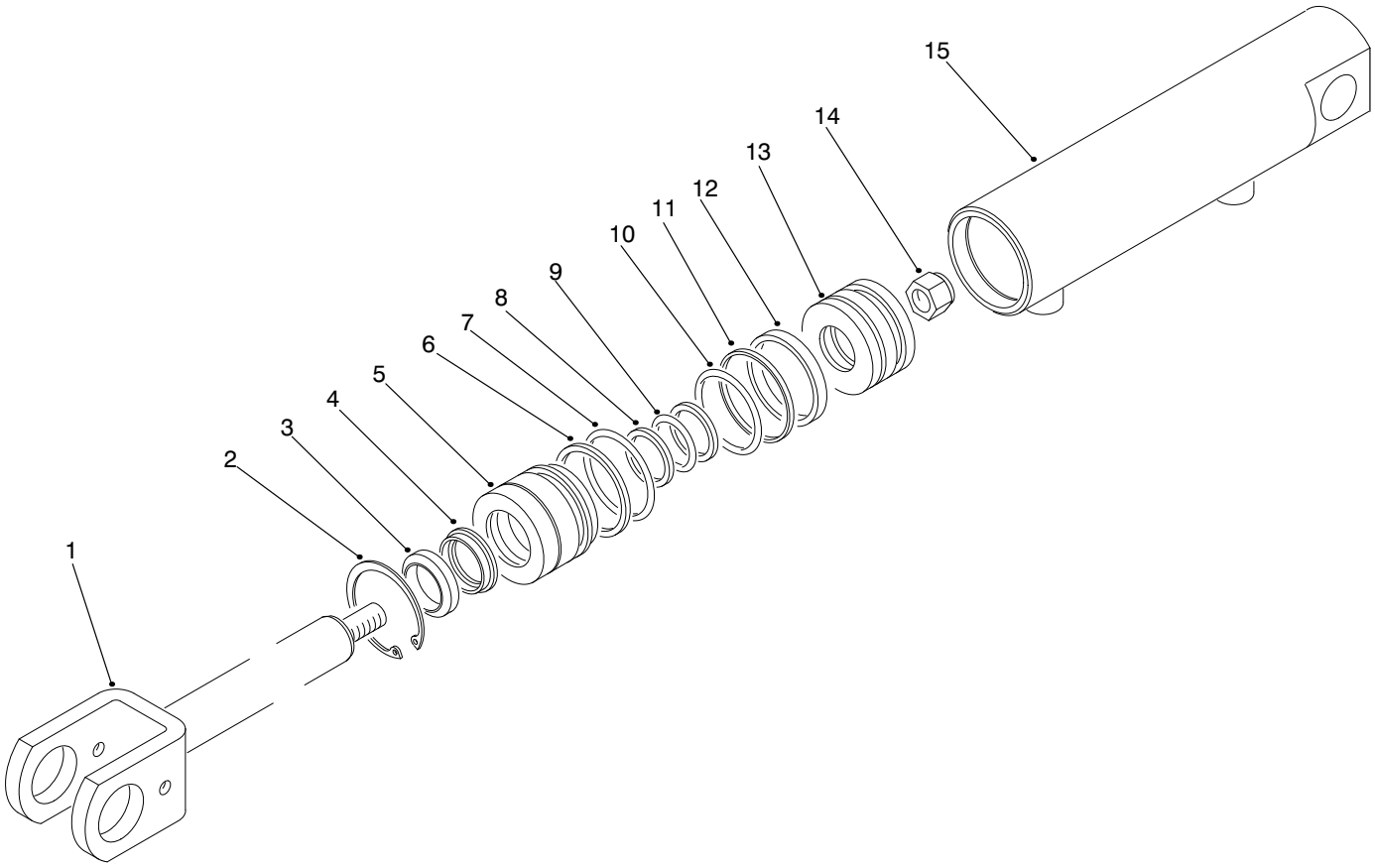


LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	86−5580	Cylinder − Hydraulic	2
2	322−2	Screw − Cap Hex. Hd.	5
3	237−78	O−Ring	4
4	3253−4	Washer − Lock	5
5	340−140	Fitting − Hydraulic Tee (Incl. Ref. #3 & 6)	1
6	237−21	O−Ring	6
7	86−3160	Assembly − Hose	1
8	84−1350	Pin − Pivot	2
9	70−1380	Sleeve − Protective	1
10	86−3200	Hose Assembly	1
11	2412−137	R−Clamp	1
12	3220−7	Nut − Jam	3
13	340−132	Fitting − Hydraulic 90° (Incl. Ref. #3 & 6)	1
14	340−125	Fitting − Hydraulic Tee (Incl. Ref. #3 & 6)	1
15	86−3170	Hose Assembly	1
16	88−1190	Pin − Pivot	2

Ref. No.	Part No.	Description	No. Used
17	86−2790	Pin − Pivot L.H.	1
*	88−1200	Pin − Pivot R.H.	1
19	68−6480	Bushing − Flange	4
20	84−0730	Arm − Lift, L.H.	1
21	302−5	Fitting − Grease	6
22	86−5890	Arm − Lift, R.H.	1
23	237−79	O−Ring	3
24	86−5450	Coupler − Hydraulic (Incl. Ref. #23)	3
25	32108−58	Screw − Machine Flat Hd.	4
26	69−9300	Pad − Bumper	2
27	3247−4	Screw − Set	2
28	93−7217	Fitting − Hydraulic (Incl. Ref. #3 & 6)	1
29	94−8022	Switch − Pressure (Incl. Ref. #32)	1
30	93−7204	Mount − Pad	2
31	32104−6	Screw − Cap Hex.	4
32	237−42	Seal − O−Ring	1

*Not Illustrated



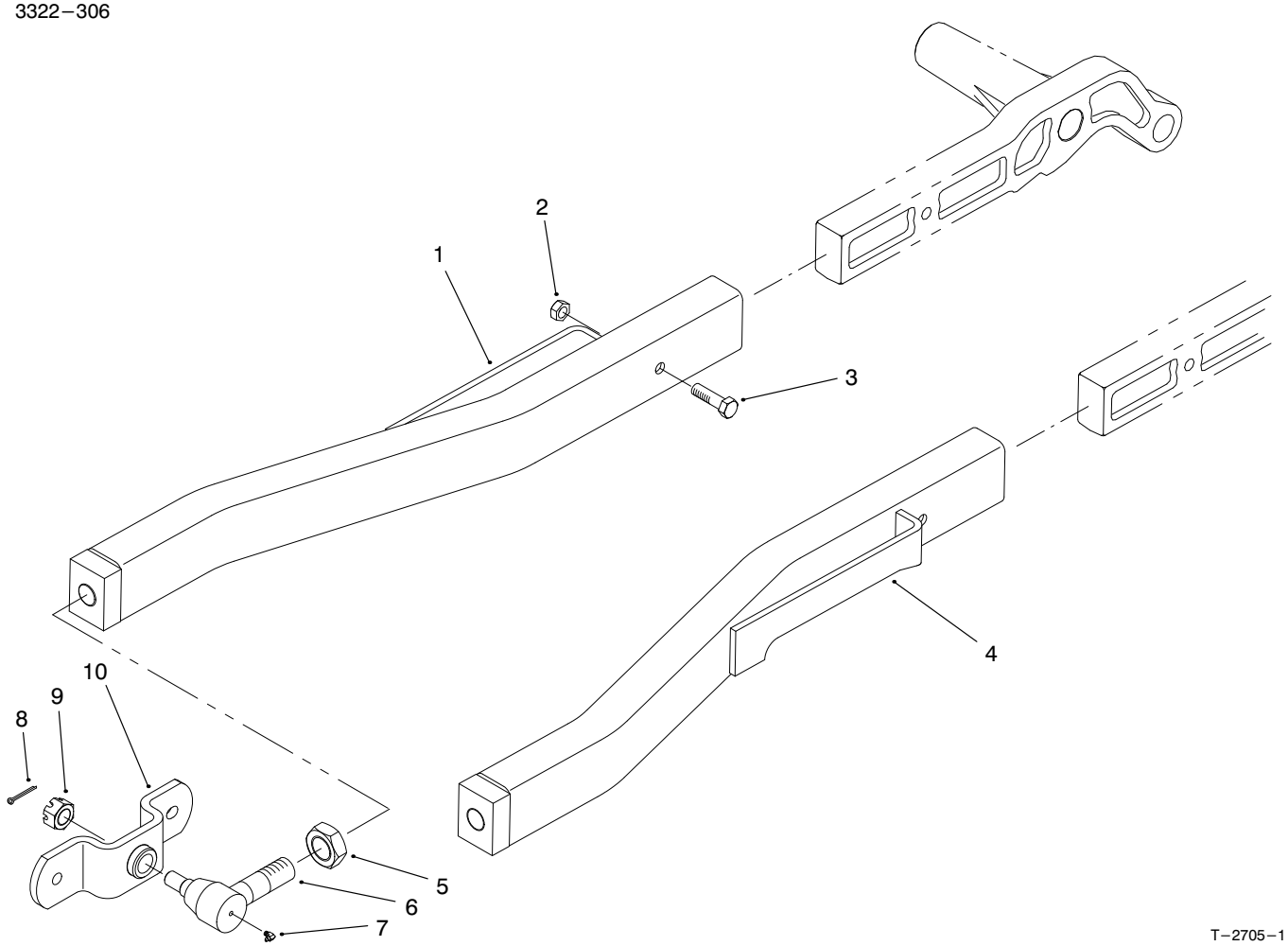
T−1490−1

HYDRAULIC CYLINDER NO. 86−5580

Ref. No.	Part No.	Description	No. Used
1	88−3620	Assembly − Rod	1
2		Ring − Retaining	1
3		Wiper − Rod	1
4		U−Cup − Loaded	1
5	88−3630	Head	1
6		Ring − Back−Up	1
7		O−Ring	1
8		Ring − Back−Up	2
9		O−Ring	1

Ref. No.	Part No.	Description	No. Used
10		O−Ring	1
11		Ring − Piston, Unithane	1
12		Ring − Wear	1
13	88−3600	Piston	1
14	88−3590	Nut − Lock	1
15	88−3610	Assembly − Barrel	1
*	88−3640	Kit − Seal (Incl. Ref. #2−4 & 6−12)	1

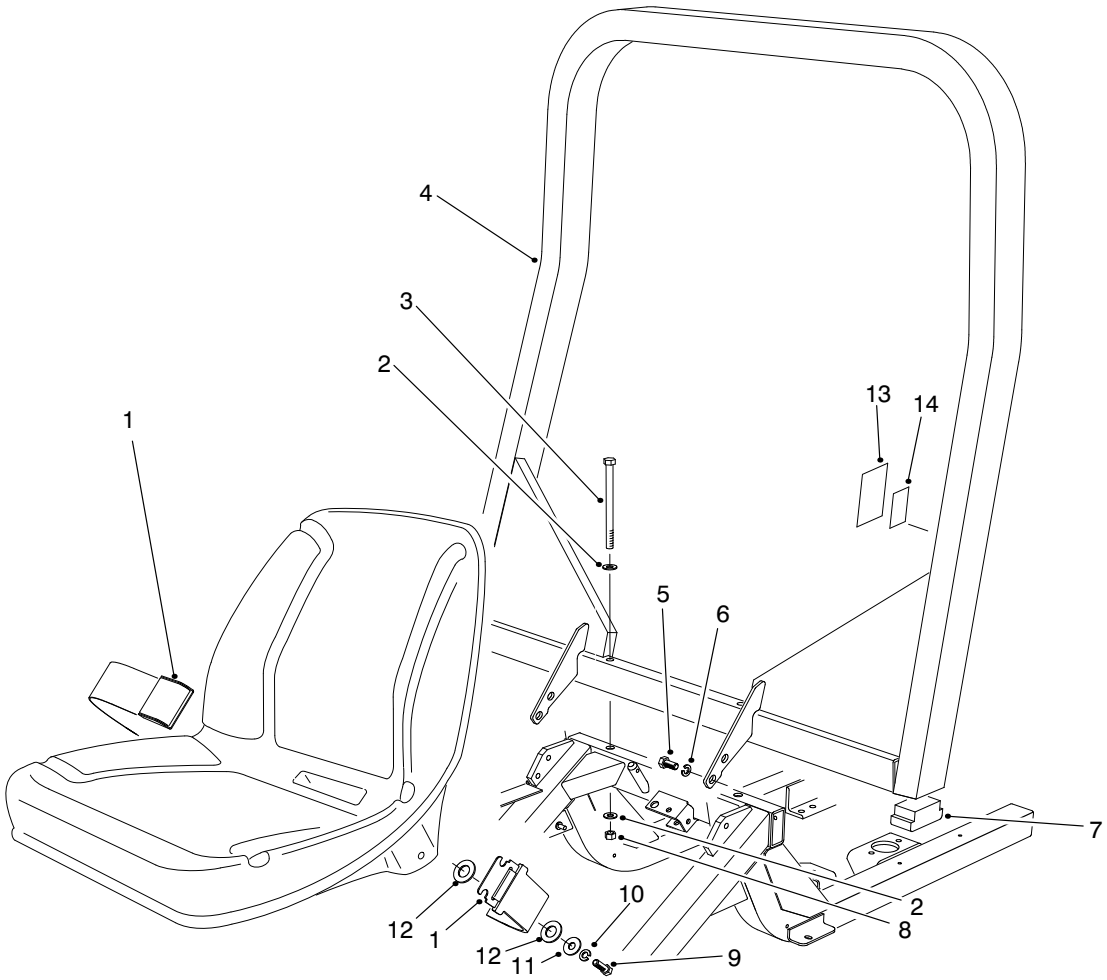
*Not Illustrated



CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	86−2280	Carrier Tube Assembly − RH	1
2	3296−23	Nut − Hex. Lock	2
3	325−11	Screw − HH	2
4	86−2320	Carrier Tube Asembly − LH	1
5	21−3000	Nut − Jam	2

Ref. No.	Part No.	Description	No. Used
6	86−8100	Ball Joint	2
7	302−60	Fitting − Lube	2
8	3272−12	Pin − Cotter	2
9	32136−2	Nut − Hex. Slotted	2
10	69−7290	Ball Joint Mount Assembly	2



T−2249−2

R.O.P.S. ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	21−4191	Seat Belt Assembly	1
2	3256−26	Washer − Flat	4
3	325−33	Screw − Cap Hex. Hd.	2
4	76−9370	Bar − R.O.P.S.	1
5	325−2	Screw − Cap Hex. Hd.	4
6	3253−7	Washer − Lock	4
7	82−5370	Foam − R.O.P.S. Bar	2
8	3296−25	Nut − Lock	2

Ref. No.	Part No.	Description	No. Used
9	3212−5	Screw − Cap Hex. Hd.	2
10	3253−6	Washer − Lock	2
11	3256−5	Washer − Flat	2
12	3256−28	Washer − Flat	2
13	92−6073	Decal − Clear	1
14	92−2587	Decal − R.O.P.S.	1
*		Canopy Assembly (Optional)	1

*Not Illustrated

NOTE: When purchasing Canopy assembly or R.O.P.S. assembly in its entirety, order direct from Custom Products PO Box 718 Litchfield, MN 55355

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3−1506	Bushing − Flange	3	9	2
3−6498	Washer	29	49	2
5−2512	Bushing − Sleeve	8	19	2
10−8110	Washer − Thrust	10	13	1
14−0859	Fuel Tank Plate Assembly	21	25	1
14−0949	Battery Base Assembly	35	40	1
20−9500	Washer	11	55	2
21−3000	Nut − Jam	72	5	2
21−4191	Seat Belt Assembly	73	1	1
21−9260	Cover − Dust	10	6	1
23−7270	Nut − Wheel	7	20	10
25−2380	Plate − Thrust	6	10	1
25−2430	Pin − Straight	6	13	1
27−2360	Switch − Ignition	18	20	1
27−3710	Dipstick	3	21	1
28−3380	Plate − Valve	6	1	1
28−3520	O−Ring	32	31	1
28−3570	O−Ring	32	11	1
29−6163	Switch − Micro	29	26	1
31−0390	Washer − Friction	11	56	2
37−2690	Capacitor	13	12	1
37−2690	Capacitor	13	41	1
37−8771	Screw − Hex. Washer Hd.	56	23	2
42−9230	Screw − Cap Hex. Hd.	35	18	8
42−9230	Screw − Cap Hex. Hd.	43	38	3
43−8600	Spring − Switch	13	20	1
43−8610	Guide	13	19	1
43−8610	Guide − Spring & Ball	4	50	1
43−8620	Guide − Pin, Switch	13	22	1
43−8860	Plunger − Switch	13	21	1
43−8870	Boot − Switch	13	11	1
43−9071	Seat Switch Assembly	13	*	1
44−8320	Spring	28	9	3
46−0330	Nut−Hex	53	1	2
46−6550	Fitting − Fuel 90˚	21	6	2
46−6560	Bushing − Rubber	21	9	2
46−6810	Assy. − Screw & Washer	19	1	4
46−6810	Screw − Hex. Washer Hd.	1	3	9
46−8091	Screw − Hex. Washer Hd.	1	14	2
47−6990	Nut	10	27	1
48−1800	Cylinder Block Kit	6	2	1
48−4590	Horn	13	32	1
48−7081	Sleeve	2	48	2
48−7570	Screw − Cap Hex. Hd.	35	23	3
48−7610	Screw − Cap Hex. Hd.	35	34	3
48−7780	Screw − Cap Hex. Hd.	35	32	3
48−7810	Screw − Cap Hex. Hd.	35	22	3
48−7810	Screw−Mounting	53	5	3
48−7840	Screw − Cap Hex. Hd.	35	11	1
48−7880	Nut − Hex.	16	5	2
48−7880	Nut − Hex.	17	28	1
48−7880	Nut − Hex.	36	34	3
48−7890	Nut	17	29	1
48−7890	Nut − Hex.	16	4	1
48−7930	Nut − Hex	16	3	1
48−7930	Nut − Hex.	36	33	1
48−7930	Nut − Hex.	35	45	1
48−9470	Bolt − Hex. Head	26	11	3
48−9470	Screw − Cap Hex. Hd.	35	12	1
49−2640	Seal − Shaft	31	10	1
52−9230	Ring−Retaining	12	3	1
52−9240	Bushing−Seal, Gland	12	4	1
52−9250	Needle Bearing Kit	12	*	1
52−9260	Screw−Set	12	1	1
52−9270	Seat−Ball, Check	12	24	1
52−9280	Ball−Check	12	22	1
52−9290	Retainer−Check Ball	12	21	1
52−9320	Drive	12	15	1
53−9681	Mount − Rubber, Engine	35	9	2
53−9682	Mount − Rubber, Eng	35	31	1
53−9682	Mount − Rubber, Engine	35	44	1
56−6710	O−Ring	31	1	4
56−7973	Clamp	33	20	2
56−7973	Clamp − Tube	10	46	4
56−7973	Clamp−Hose	60	58	2
57−5420	Screw − Shoulder	24	1	1
57−6380	Screw − Cap Hex. Hd.	35	16	1
58−6290	Poppet Assembly	20	34	3
58−6310	Spacer	20	28	3
58−6320	Wiper − Seal	20	24	3
58−6330	Seat Assy.	20	35	3
58−6340	Seal − O−Ring	20	36	3
58−6350	Plug Assembly	20	11	3
58−6370	Washer − Back−Up	20	10	6
58−6400	Bushing	20	25	3
58−6420	Cap Assembly	20	30	3
58−6450	Seal − O−Ring	20	12	6
58−6460	Ring − Retaining	20	29	3
58−6470	Washer	20	18	A/R
58−6480	Washer	20	19	A/R
58−6490	Washer	20	20	A/R
58−6700	Washer	20	26	3
58−6720	Seal − O−Ring	20	7	3
58−6730	Spring	20	27	3
58−6750	Seal − O−Ring	20	17	1
58−6760	Spring	20	3	3
58−6770	Plunger − Detent	20	4	3
58−6780	Plug Assembly	20	1	3
58−6790	Seal − O−Ring	20	5	3
59−6430	Valve − Check	11	61	1
59−6730	Race−Bearing	12	7	2
59−6740	Bearing−Needle, Thrust	12	8	1
59−6820	Centering Spring Kit	12	11	1
59−6830	Kit−Centering Pin	12	20	1
60−3780	Seal Kit	20	*	1
60−5720	Seal − O−Ring	20	9	6
60−5890	Washer	31	11	1
60−6450	Disc	20	2	A/R
61−2790	Screen	24	3	1
62−7400	Decal − TORO	1	1	1
62−7650	Gasket − Sending Unit	21	28	1
62−9510	Washer − Brake Lever	37	10	1
63−4090	Fitting − Adapter 90˚	19	16	1
63−7622	Hose − Fuel	21	22	2
63−7622	Hose − Fuel	36	25	1
63−7622	Hose − Fuel Line	36	17	1
63−7626	Hose − Fuel	21	7	1
63−7627	Hose − Fuel	21	8	1
63−7627	Hose − Fuel	36	21	1
63−7880	Latch − Brake	9	16	1
63−7900	Rack − Brake	10	37	1
63−8360	Key − Ignition	18	5	1
63−8410	Washer	29	17	4
63−8410	Washer	9	34	1
63−8410	Washer − Flat	24	25	3
63−9751	Mount − Linkage Rod	9	10	1
63−9751	Mount − Rubber	29	21	4
65−5100	Handle − Hood	1	18	1
66−1140	Hub	9	32	3
66−1930	Nut−Lock	61	11	1
66−1940	Piston	61	4	1
66−2490	Clamp − Battery	35	5	1
66−2920	Washer − Nylon	9	39	1
66−2920	Washer −	17	2	2
66−2940	Gauge − Fuel	18	10	1
66−6480	Washer	8	6	2
66−8510	Adjuster & Handle	14	16	1
66−8530	Adjuster	14	21	1
66−8560	Nut − Push	14	2	4
66−8600	Frame − Upper	14	25	1
66−8610	Frame − Lower	14	15	1
66−9290	Spacer − Suspension	14	22	8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
66−9303	Screw − Flange Head	26	6	6
66−9303	Screw − Hex. Flange Hd.	29	38	6
67−7160	Holder − Fuse	17	20	1
67−9100	Gasket	6	11	1
68−3280	Spring − Seat	15	4	2
68−6150	Breather	21	10	2
68−6480	Bushing − Flange	70	19	4
68−7573	Seal − Shroud	1	10	2
68−8080	Wheel − Steering	10	25	1
68−9420	Washer − Lock	46	4	6
68−9420	Washer − Lock	42	34	3
69−0760	Bracket − Armrest L.H.	14	*	1
69−0770	Bracket − Armrest R.H.	14	36	1
69−1170	Gauge − Sight	24	6	1
69−1180	Armrest	14	32	2
69−1560	Lever − Lock	10	33	1
69−1830	Plug Assembly	20	16	1
69−7010	Lever − Valve, L.H.	19	*	1
69−7290	Ball Joint Mount Assembly	72	10	2
69−8910	Washer−Flat	59	18	1
69−9140	Link − Lever, Valve	19	9	3
69−9300	Pad − Bumper	70	26	2
69−9940	Nut − Jam	7	33	4
70−1380	Sleeve − Protective	70	9	1
70−1480	Relay	18	26	2
70−1480	Relay − SPDT	13	29	1
70−1480	Relay − Sealed	17	5	3
70−1480	Relay − Starter	21	35	1
71−4760	Seal	60	71	2
72−0130	Kit − Horn	10	26	1
72−4320	Switch − Ball	13	17	1
72−4320	Switch − Ball	3	22	1
74−0720	Tube − Manual	13	1	1
74−3410	Radiator	56	6	1
74−3630	Actuator − Brake	7	5	2
74−3640	Disc − Brake	7	4	4
74−3650	Fan	35	28	1
74−3670	Assy. − Column, Steering	10	11	1
74−4080	Orifice − Breather	25	46	1
74−4090	Tread − Foot Rest	1	29	1
74−4980	Shroud − Fan Upper	56	3	1
74−4990	Shroud − Fan, Bottom	56	48	1
74−5460	Angle Radiator Support	56	42	1
74−5470	Mount − Engine	35	10	1
74−5480	Cable − Throttle	17	31	1
74−5500	Bolt−Wheel	59	41	10
74−5520	Clutch − Fan	35	29	1
74−5580	Tank − Fuel	21	32	1
74−5700	Bearing−Needle	59	17	1
74−5760	PCV Valve	38	46	1
74−5770	Lever − Shift	10	15	1
74−5790	Shaft − Pivot	10	17	1
74−5860	Sending Unit − Fuel	21	29	1
74−5910	Fitting − Bulkhead, Special	19	27	1
74−6020	Hose − Radiator, Lower	37	3	1
74−6020	Hose − Radiator, Lower	56	47	1
74−6050	Lever − Valve, Center	19	*	1
74−6060	Lever − Valve, R.H.	19	12	1
74−6110	Stop − Pedal	9	38	1
74−6230	Assy. − Tube, Traction	24	41	1
74−6400	Assembly − Tube	56	31	1
74−6400	Assembly − Tube, Filter Line	24	12	1
74−6490	Hose − Water Line	37	15	2
74−6540	Tappet − Valve	42	14	8
74−6550	Cup − Upper Valve Spring	41	11	8
74−6560	Spring − Valve	41	10	8
74−6570	Cup − Lower Valve Spring	41	9	8
74−6580	Insert − Valve (1.650mm)	41	13	8
74−6590	Insert − Valve (1.725mm)	41	*	8
74−6600	Insert − Valve (1.800mm)	41	*	8
74−6610	Insert − Valve (1.900mm)	41	*	8
74−6620	Insert − Valve (1.975mm)	41	*	8
74−6630	Insert − Valve (2.050mm)	41	*	8
74−6640	Insert − Valve (2.125mm)	41	*	8
74−6650	Insert − Valve (2.225mm)	41	*	8
74−6660	Insert − Valve (2.250mm)	41	*	8
74−6670	Insert − Valve (2.275mm)	41	*	8
74−6680	Insert − Valve (2.300mm)	41	*	8
74−6690	Insert − Valve (2.325mm)	41	*	8
74−6700	Insert − Valve (2.350mm)	41	*	8
74−6710	Insert − Valve (2.375mm)	41	*	8
74−6720	Insert − Valve (2.400mm)	41	13	8
74−6730	Insert − Valve (2.425mm)	41	*	8
74−6740	Insert − Valve (2.450mm)	41	*	8
74−6750	Insert − Valve (2.475mm)	41	*	8
74−6760	Insert − Valve (2.500mm)	41	*	8
74−6770	Insert − Valve (2.525mm)	41	*	8
74−6780	Insert − Valve (2.550mm)	41	*	8
74−6790	Insert − Valve (2.575mm)	41	*	8
74−6800	Insert − Valve (2.600mm)	41	*	8
74−6810	Insert − Valve (2.625mm)	41	*	8
74−6820	Insert − Valve (2.650mm)	41	*	8
74−6830	Insert − Valve (2.675mm)	41	*	8
74−6840	Insert − Valve (2.700mm)	41	*	8
74−6850	Insert − Valve (2.725mm)	41	*	8
74−6860	Insert − Valve (2.750mm)	41	*	8
74−6870	Insert − Valve (2.775mm)	41	*	8
74−6880	Insert − Valve (2.800mm)	41	*	8
74−6890	Insert − Valve (2.825mm)	41	*	8
74−6900	Insert − Valve (2.850mm)	41	*	8
74−6910	Insert − Valve (2.875mm)	41	*	8
74−6920	Insert − Valve (2.900mm)	41	*	8
74−6930	Insert − Valve (2.925mm)	41	*	8
74−6940	Insert − Valve (2.950mm)	41	*	8
74−6950	Insert − Valve (2.975mm)	41	*	8
74−6960	Insert − Valve (3.000mm)	41	*	8
74−6970	Insert − Valve (3.025mm)	41	*	8
74−6980	Insert − Valve (3.050mm)	42	13	8
74−6990	Insert − Valve (3.075mm)	42	*	8
74−7000	Insert − Valve (3.100mm)	42	*	8
74−7010	Insert − Valve (3.125mm)	42	*	8
74−7020	Insert − Valve (3.150mm)	42	*	8
74−7030	Insert − Valve (3.175mm)	42	*	8
74−7040	Insert − Valve (3.200mm)	42	*	8
74−7050	Insert − Valve (3.225mm)	42	*	8
74−7060	Insert − Valve (3.250mm)	42	*	8
74−7070	Insert − Valve (3.275mm)	42	*	8
74−7080	Insert − Valve (3.300mm)	42	*	8
74−7090	Insert − Valve (3.325mm)	42	*	8
74−7100	Insert − Valve (3.350mm)	42	*	8
74−7110	Insert − Valve (3.375mm)	42	*	8
74−7120	Insert − Valve (3.400mm)	42	*	8
74−7130	Insert − Valve (3.425mm)	42	*	8
74−7140	Insert − Valve (3.450mm)	42	*	8
74−7150	Insert − Valve (3.475mm)	42	*	8
74−7160	Insert − Valve (3.500mm)	42	*	8
74−7170	Insert − Valve (3.550mm)	42	*	8
74−7180	Insert − Valve (3.625mm)	42	*	8
74−7190	Insert − Valve (3.700mm)	42	*	8
74−7200	Insert − Valve (3.775mm)	42	*	8
74−7210	Insert − Valve (3.850mm)	42	*	8
74−7220	Insert − Valve (3.925mm)	42	*	8
74−7230	Insert − Valve (4.000mm)	42	*	8
74−7240	Collar − Split	41	12	16
74−7260	Bolt − Head	42	29	10
74−7270	Washer − Flat	42	28	10
74−7300	Pan − Oil	38	23	1
74−7310	Plug − Threaded	38	20	1
74−7320	Gasket	38	19	1
74−7330	Screw − Cap Hex. Hd.	38	25	23
74−7380	Gasket − Oil Pan	38	21	1
74−7400	Tube	43	41	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
74−7420	Ball	43	45	4
74−7430	Chamber − Turbulence	43	46	4
74−7440	Chamber − Turbulence	43	*	4
74−7450	Seat − Intake Valve	43	48	4
74−7460	Seat − Intake Valve	43	*	4
74−7480	Valve − Intake	43	49	4
74−7560	Washer − Spring	42	16	3
74−7600	Plug	41	4	4
74−7630	Gasket − Valve Cover	42	18	1
74−7640	Cover − Valve	42	19	1
74−7650	Washer − Flat	42	20	3
74−7670	Head Bolt & Washer Set	43	*	1
74−7770	Hose − Crankcase	38	11	1
74−7780	Gasket	38	12	1
74−7790	Screw	38	13	1
74−7800	Pin	38	14	2
74−7810	Gasket − Plate	38	15	1
74−7820	Plate	38	16	1
74−7840	Plug	43	42	2
74−7840	Plug − 27 mm Dia.	38	18	8
74−7840	Plug − 27 mm Dia.	42	33	2
74−7850	Gasket	38	24	2
74−7860	Gasket Set	38	*	1
74−7930	Screw − Bearing Cap	38	27	10
74−7940	Bushing − Spring	38	28	1
74−7950	Screw − Plate	38	29	6
74−7960	Stud − Filter	38	30	1
74−7970	Filter − Oil	38	31	1
74−7990	Pin	39	16	1
74−7990	Pin − Spring	38	33	4
74−8000	Plug	38	34	2
74−8010	Guide − Dipstick	38	35	1
74−8030	Pin − Spring	38	37	1
74−8040	Plug − Drain	38	38	1
74−8080	Washer	39	2	1
74−8100	Gear − Pinion	39	4	1
74−8110	Sprocket − Oil Pump	39	5	1
74−8120	Key − Woodruff	39	6	2
74−8140	Cover	39	9	1
74−8150	Gasket − Cover	39	10	1
74−8170	Bearing Set (Std.) Set of 10	39	12	1
74−8180	Bearing Set (.30mm OS)	39	*	1
74−8200	Thrust Bearing Set	39	*	2
74−8210	Thrust Bearing Set	39	*	2
74−8220	Thrust Bearing Set	39	*	2
74−8230	Crankshaft	39	14	1
74−8240	Seal	39	15	1
74−8260	Flywheel	40	34	1
74−8270	Pin	39	18	3
74−8280	Screw − Cap Hex. Hd.	39	19	8
74−8290	Seal − #1 Bearing Cap	39	20	2
74−8300	Clip − Piston Pin	39	21	8
74−8310	Pin − Piston	39	22	4
74−8320	Piston Ring Set − 0.20 mm	39	*	4
74−8330	Piston Ring Set − 0.50 mm	39	*	4
74−8340	Piston Ring Set − 0.80 mm	39	*	4
74−8360	Rod − Connecting, Set of 4	39	25	1
74−8380	Bearing − Connecting Rod	39	27	1
74−8390	Bearing − Connecting Rod	39	*	1
74−8400	Bolt − Connecting Rod	39	28	8
74−8420	Piston Set − Stage #1	40	29	1
74−8430	Piston Set − Stage #2	40	*	1
74−8440	Piston Set − Stage #3	40	*	1
74−8610	Pin	50	7	2
74−8610	Pin	52	8	2
74−8630	Bushing − Flange	50	8	1
74−8650	Journal	50	12	1
74−8680	Gasket	50	14	2
74−8690	Union − Inlet	50	13	1
74−8710	Washer	50	16	1
74−8710	Washer − E.T.L.W.	54	9	1
74−8750	Pipe	51	12	1
74−8770	Plug	51	10	1
74−8830	Belt	44	18	1
74−8870	Gasket	50	21	2
74−8900	Washer − Flat	41	7	6
74−8910	Bracket − Horn	13	33	1
74−9080	Cable − Battery Pos.	35	1	1
74−9090	Cable − Battery Neg.	35	*	1
74−9100	Pad − Forward Pedal	9	7	1
74−9110	Pad − Reverse Pedal	9	9	1
74−9122	Hose − Vent	21	17	1
74−9480	Seal − Lip	6	6	1
74−9500	Screw − Cap Hex. Hd.	6	16	4
74−9510	Washer − Flat	6	15	1
75−0140	Spring − Conical	32	5	2
75−0240	O−Ring	32	4	2
75−0400	Plate − Thrust	32	37	1
75−0470	Kit − Cylinder Block	32	38	1
75−0480	Pin	32	15	2
75−0500	Bearing − Needle	32	13	1
75−0510	Pin	32	40	1
75−0550	Strainer − Tank	24	23	1
75−2080	Seal Kit	19	*	1
75−5470	Washer	30	53	5
75−6820	Hour Meter	21	42	1
76−1910	Shaft − Pivot	14	3	2
76−1920	Bearing − Sleeve	14	14	4
76−1930	Knob − Adjustment	14	27	1
76−1940	Spring − Extension	14	1	2
76−2940	Bumper	14	9	2
76−4120	Mount − Engine	35	21	1
76−4180	Boot − Brake Rod	8	15	2
76−4220	Mount − Engine	35	30	1
76−4240	Plate − Adapter	7	2	2
76−4300	Lever − Throttle	17	26	1
76−4310	Support − Base, Battery	35	38	1
76−4910	Stud	50	26	3
76−4930	Washer	50	5	3
76−4940	Gear − Pump, Injection	50	2	1
76−4950	Nut	50	1	1
76−4990	Bracket	52	15	1
76−5000	Screw	52	9	1
76−5010	Washer	44	23	3
76−5010	Washer − Spring	52	2	1
76−5010	Washer − Spring	47	7	5
76−5060	Screw	52	1	1
76−5070	Oil Pump Assembly	47	1	1
76−5090	Spring − Piston	47	3	1
76−5100	Bolt − Shoulder	47	5	1
76−5130	Stud	41	6	6
76−5170	Chain − Pump Drive	47	13	1
76−5180	Washer − Copper	22	1	4
76−5190	Fitting − Adjustable	22	2	2
76−5220	Element − Filter	22	5	1
76−5260	Relay − Glow Plug	54	1	1
76−5260	Relay − Glow Plug	17	15	1
76−5290	Washer − Spring	54	4	4
76−5300	Fuel Filter Assembly	21	23	1
76−5310	Washer − E.T.L.W.	54	7	1
76−5320	Water Sensor Assembly	22	9	1
76−5470	Screw	42	17	2
76−5500	Screw	49	6	5
76−5520	Holder − Injector	51	5	4
76−5530	Gasket − Injector	51	3	4
76−5540	Plug	51	2	4
76−5570	Washer−Lock	53	2	2
76−5590	Sleeve − Spring	53	4	1
76−5600	Injector	51	9	4
76−5610	Pinion − Output	5	1	1
76−5630	Gear − Spur	5	3	1
76−5640	Gasket	5	4	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
76−5650	Washer − Thrust	5	8A	3
76−5660	Pin−Dowel	5	6	2
76−5670	Seal−Oil	5	7	2
76−5680	Shim − Orange .126/.123	5	52	A/R
76−5680	Washer − Thrust	5	8	1
76−5690	Washer − Thrust	5	9	2
76−5700	Bearing−Thrust	5	10	1
76−5710	Plug−Magnetic − Drain	5	11	1
76−5720	Screw − Hex Hd.	5	12	13
76−5740	Shim − Lt. Grn. .123/.120	5	*	A/R
76−5760	Cover Assembly	5	16	1
76−5780	Gear − Spur	5	18	1
76−5820	Screw − Hex Flanged Hd.	5	22	1
76−5830	Ball − Steel	5	23	1
76−5840	Spring − Shifter Fork	5	24	1
76−5850	Seal − Oil	5	25	1
76−5860	Bearing − Needle	5	26	2
76−5870	Bearing − Needle	5	27	3
76−5890	Ring − Retaining	5	30	2
76−5900	Fork − Shift	5	35	1
76−5960	Carrier	5	41	1
76−5980	Screw − Hex Flanged Hd.	5	43	6
76−5990	Carrier − Differential	5	45	1
76−6010	Spacer	5	49	2
76−6010	Spacer − Transaxle	7	1	2
76−6030	Seal − Oil	5	51	1
76−6040	Plug − Pipe	5	14	2
76−6040	Plug − Pipe	3	41	1
76−6270	Foam − Panel	19	3	1
76−6300	Gerotor	12	16	1
76−6320	Spacer	12	17	1
76−6360	Strip − Seal	1	11	2
76−6361	Strip − Seal	2	49	1
76−6380	Strip − Seal Access Panel	2	41	1
76−6381	Seal − Strip	56	36	2
76−6382	Seal − Strip	56	37	2
76−6600	Pipe − Stand	21	4	1
76−6610	Clevis − Brake	8	17	2
76−6910	Rotating Assembly	62	14	1
76−6950	Race − Thrust	62	9	1
76−6960	Bearing − Thrust	62	10	1
76−6970	Insert − Camplate	62	5	1
76−6980	O−Ring	62	3	1
76−7000	Ring − Retaining	62	8	2
76−7010	Ring − Retaining	62	13	1
76−7040	Pad − Foot	19	38	1
76−7090	Cover − Front, Control	19	2	1
76−8140	Bracket − Steering	10	7	1
76−8150	Support − Shaft, Steering	11	58	1
76−8160	Support − Steering	10	8	1
76−8270	Pin − Brake	8	14	2
76−8300	Cover − Housing, Axle	7	8	2
76−8340	Shaft − Pivot, Steering	11	57	1
76−8440	Boot − Throttle	17	16	1
76−8450	Boot − Lift Lever	17	3	1
76−8640	Stud − Traction	29	50	1
76−8750	Plate − Caution	56	4	1
76−8870	Assy. − Damper, Lever	29	3	1
76−9030	Bearing Housing Assembly	9	30	1
76−9050	Rod − Brake, Parking	10	42	1
76−9060	Gauge − Temperature	18	9	1
76−9100	Spacer	3	2	2
76−9100	Spacer	10	22	1
76−9290	Bracket−Bulkhead	59	3	1
76−9300	Fender L.H.	2	37	1
76−9340	Fender R.H.	2	*	1
76−9370	Bar − R.O.P.S.	73	4	1
76−9430	Spring − Extension	29	12	1
76−9440	Rod − Seat Prop	13	9	1
76−9450	Boot − Column, Steering	10	29	1
76−9460	Plate − Seat	13	3	1
76−9480	Sleeve − Pivot, Seal	13	35	2
76−9590	Hose−Hydraulic	59	10	2
76−9680	Bearing Housing Assembly	9	18	1
76−9690	Rod − Brake	8	3	2
76−9690	Rod − Brake Linkage	9	4	2
76−9700	Cover − Tower	1	2	1
76−9760	Pivot − Damper	30	63	1
76−9790	Foam − Fuel Tank	21	2	1
76−9930	Foam − Seat Plate Rear	13	7	1
76−9950	Bracket − Ring	24	43	4
76−9970	Valve − 4 WD	33	22	1
77−2870	Hanger − Spring	14	24	1
77−3300	Stud	46	1	6
77−3310	Gasket	46	2	2
77−3320	Nut − Hex	46	5	6
77−3340	Manifold − Exhaust	46	3	1
77−3400	Camshaft	44	5	1
77−3420	Gasket	44	3	1
77−3450	Washer	44	2	2
77−3470	Screw	47	10	1
77−3490	Screw	47	11	1
77−3510	Spring	44	14	1
77−3520	Cup	44	13	1
77−3600	Shield − Adapter	35	35	1
77−3620	Retainer − Cover	56	16	4
77−3640	Bearing	6	12	1
77−3700	Gasket − Muffler, Exhaust	37	18	1
77−3780	Pin − Lynch	13	4	1
77−3790	Plug − Drain	38	26	1
77−3970	Spacer − Relay	17	13	1
77−4260	Link − Shift	3	6	1
80−7730	Spacer	13	25	2
80−7730	Spacer	1	27	1
80−7730	Spacer	30	65	3
80−8660	Spacer	60	59	1
82−3660	Bracket − Cover	21	39	1
82−3700	Reservoir − Hydraulic	24	4	1
82−3740	Oil Cooler Assembly	56	14	1
82−3750	Cover − Console	18	21	1
82−4900	Foam − Seat Front	13	8	1
82−4950	Plunger − Spring	10	14	1
82−4960	Pad − Brake	9	15	2
82−4970	Ring − Retaining	6	17	1
82−4990	Housing − Fixed	6	9	1
82−5180	Control − Pump	29	20	1
82−5190	Shaft − Traction Pedal	9	8	1
82−5280	Shaft − Pivot	29	28	1
82−5300	Support − Heel	19	39	1
82−5370	Foam − R.O.P.S. Bar	73	7	2
82−5380	Shim − Pinion .045	3	39	1
82−5390	Shim − Pinion .038	3	*	1
82−5400	Shim − Pinion .052	3	*	1
83−1470	Washer − Neoprene	2	51	2
83−2280	Timer − Delay	17	6	1
84−0080	Spiral Gear Set (Matched)	5	*	1
84−0090	Shim − Lt. Blue .120/.117	5	*	A/R
84−0130	Shim − Pink .129/.126	5	*	A/R
84−0140	Shim − Black .132/.129	5	*	A/R
84−0170	Pulley − P.T.O.	29	44	1
84−0180	Pulley − Lower	26	17	1
84−0210	Gasket − End Cap	32	14	1
84−0240	Housing − Pump	32	33	1
84−0250	Swash Plate − Variable	32	36	1
84−0260	Bearing − Roller	32	21	4
84−0270	Spacer − Trunnion	32	19	4
84−0280	Plate − Valve R.H.	32	39	1
84−0300	Shaft − Pump	32	26	1
84−0310	Bearing − Ball	32	27	1
84−0320	Ring − Retaining	32	28	1
84−0330	Screw − Cap Hex. Hd.	32	25	8
84−0360	Washer	32	24	8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
84−0380	Ring − Retaining Internal	32	32	2
84−0400	Seal − Lip	32	29	1
84−0410	Carrier − Seal	32	30	1
84−0430	O−Ring	32	18	4
84−0440	Cover − Trunnion	32	17	2
84−0450	Cover − Trunnion	32	35	1
84−0460	Screw	32	16	8
84−0470	Seal − Lip	32	34	2
84−0480	Poppet − Charge Relief	32	8	1
84−0490	Spring − Compression	32	9	1
84−0500	Assy. − Charge Relief Plug	32	12	1
84−0550	Ring − Retaining	32	6	2
84−0570	Shim − Trunnion Kit	32	20	4
84−0680	Link − Shift	10	30	1
84−0690	Rod − Shift	3	5	1
84−0700	Rod − Shift	3	11	1
84−0720	Valve − Velocity	33	29	1
84−0730	Arm − Lift, L.H.	70	20	1
84−0750	Housing − Bearing	29	32	1
84−0760	Adapter − Pump to Engine	35	24	1
84−0940	Assy. − Brake Linkage Arm	8	1	1
84−0970	Assy. − Brake Linkage Arm	8	11	1
84−0990	Pin − Pivot	8	20	2
84−1030	Driveshaft	29	43	1
84−1080	Frame Assembly	1	6	1
84−1320	Shaft − P.T.O.	26	5	1
84−1330	Hub − Splined	29	41	1
84−1350	Pin − Pivot	70	8	2
84−1380	Anchor − Spring	29	10	1
84−1410	Adapter − Clutch	26	13	1
84−1440	Plate − Adapter	35	33	1
84−1460	Decal − GM 455D	1	20	2
84−1480	Hose − Dampener	29	13	1
84−1540	Key	26	18	1
84−1550	Mount − Rubber	26	22	5
84−1560	Washer − Thrust	26	26	4
84−1570	Spacer	58	1	2
84−1570	Spacer	26	21	1
84−1580	Washer − Clutch	26	38	1
84−1590	U−Bolt	7	24	2
84−1600	Bracket − Support, Trans.	3	13	1
84−1610	Support − Rod, Shift	3	10	1
84−1620	Plate − Support, Axle	7	10	2
84−6402	Orifice	19	26	1
84−6420	Plunger	20	37	2
84−6430	Plunger	20	31	1
85−4980	Switch − Toggle	18	17	1
86−1150	Yoke − End	27	1	2
86−1160	Kit − Universal	27	2	2
86−1170	Shaft − Slip Yoke	27	3	1
86−1180	Tube − Slip Yoke	27	4	1
86−1730	Drive Shaft	26	46	1
86−1990	Washer	26	42	4
86−2280	Carrier Tube Assembly − RH	72	1	1
86−2320	Carrier Tube Asembly − LH	72	4	1
86−2501	Orifice	19	22	2
86−2710	Assembly − Hose, Rear	33	26	1
86−2730	Hose−Hydraulic	59	14	1
86−2770	Assembly − Tube, Traction	33	24	1
86−2770	Assembly−Tube	60	62	1
86−2790	Pin − Pivot L.H.	70	17	1
86−2800	Hose − Suction	24	26	1
86−2800	Hose − Suction	33	32	1
86−2830	Plate − Adapter, Main	29	46	1
86−2860	Cover − Belt, Upper	13	34	1
86−2990	Mount − Throttle Cable	36	35	2
86−3010	Filter − Transmission	24	16	1
86−3020	Wire − Neutral, Switch	29	23	1
86−3040	Coupling − Rubber	29	39	2
86−3040	Flange − Rubber	26	40	1
86−3140	Hose−Hydraulic	59	6	1
86−3150	Assembly − Hose	24	38	1
86−3150	Assembly − Hose	33	39	1
86−3160	Assembly − Hose	70	7	1
86−3170	Hose Assembly	70	15	1
86−3180	Assembly − Hose	19	24	1
86−3190	Assembly − Hose	19	23	2
86−3200	Hose Assembly	70	10	1
86−3210	Assembly − Hose	11	51	1
86−3220	Assembly − Hose	10	2	2
86−3230	Assembly − Hose	19	32	1
86−5420	Spacer − Rod, Shift	3	8	1
86−5430	Plate − Skid	7	26	1
86−5440	Valve − Relief, Dual	19	36	1
86−5450	Coupler − Hydraulic	70	24	3
86−5470	Harness − Front	16	1	1
86−5480	Fitting − Diagnostic	33	45	2
86−5500	Assembly − Hose	24	20	1
86−5500	Assembly − Hose	33	38	1
86−5570	Assembly − Hose	10	1	1
86−5570	Hose Assembly	33	42	1
86−5580	Cylinder − Hydraulic	70	1	2
86−5590	Assembly − Pump	29	7	1
86−5620	Bearing	26	4	1
86−5730	Assy. − Tube, R.H. Front	10	43	1
86−5740	Assy. − Tube, L.H. Front	10	44	1
86−5750	Assy. − Tube, Drain	3	23	1
86−5750	Tube Assembly	25	50	1
86−5760	Assy. − Tube, Deck Return	19	33	1
86−5770	Assy. Tube, Relief Valve	19	28	1
86−5770	Tube Assembly − Relief	25	52	1
86−5780	Tube Assembly RH Rear	60	52	1
86−5790	Tube Assembly LH Rear	60	51	1
86−5810	Assembly − Tube	33	41	1
86−5810	Assembly − Tube	25	49	1
86−5830	Spring − Compression	8	5	2
86−5840	Plate − Spring	8	4	2
86−5860	Nipple	24	18	1
86−5860	Nipple	3	35	2
86−5890	Arm − Lift, R.H.	70	22	1
86−5900	Tire	7	17	2
86−5910	Tire	59	37	2
86−5940	Spacer − Bearing	29	33	1
86−7470	Diode	16	7	4
86−8100	Ball Joint	72	6	2
87−5100	Washer − Flat	35	14	4
87−6270	Socket − Light	18	*25	4
87−9400	Valve − Vacuator	55	5	1
88−1140	Spacer − Bearing, Lower	26	15	1
88−1150	Spacer − Clutch	26	33	1
88−1160	Rod − Traction Linkage	9	11	1
88−1170	Belt − Matched Set	26	19	1
88−1190	Pin − Pivot	70	16	2
88−1200	Pin − Pivot R.H.	70	*	1
88−1220	Plate	58	2	2
88−1280	Cover − Belt, Lower	26	35	1
88−1290	Bracket − Rod, Seat	33	16	1
88−1300	Cover − Seat Front	2	40	1
88−1310	Foam − Cover	2	39	1
88−1360	Washer	56	34	2
88−1360	Washer − Rear Weight	58	3	6
88−1370	Plate − Brake	28	3	1
88−1380	Fitting − Adapter	19	20	3
88−1420	Spring − Compression	13	27	1
88−1430	Nut − Lock, Bearing	29	48	1
88−1440	Washer − Lock	29	47	1
88−1450	Nut − Lock, Bearing	26	30	1
88−1460	Washer − Lock	26	32	1
88−1470	Plate − Control, Pump	29	22	1
88−1510	Screw − Special	26	23	1
88−1520	Cartridge − Relief	19	41	1
88−1530	Cartridge − Relief	19	42	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
88−1610	Assembly − Field Rotor	28	8	1
88−3590	Nut − Lock	71	14	1
88−3600	Piston	71	13	1
88−3610	Assembly − Barrel	71	15	1
88−3620	Assembly − Rod	71	1	1
88−3630	Head	71	5	1
88−3640	Kit − Seal	71	*	1
88−7200	Washer−Flat	59	30	1
92−0636	Shaft Assembly	6	3	1
92−0639	Case Assembly	5	15	1
92−0640	Bearing − Needle	5	28	1
92−0641	Shaft − Counter	5	20	1
92−0642	Gear − Output	5	17	1
92−0644	Gear − Cluster	5	19	1
92−0645	Shaft & Gear − Shifter	5	21	1
92−0646	Bearing − Ball	5	42	2
92−0647	Rod − Shift (High−Low)	5	36	1
92−1180	Seat Assembly	15	1	1
92−1180	Seat Assembly	14	5	1
92−1351	Plug − Pulley	30	66	1
92−1352	Plug	32	42	3
92−1353	Shim	32	10	1
92−1354	Cap − End	32	1	1
92−1355	Plug − Special	32	2	2
92−1356	Valve − Screw 415 BAR	32	7	2
92−1357	Pin	32	43	1
92−1358	Coupling	32	41	1
92−1364	Guide − Switch, Pin	4	46	1
92−1365	Plunger − Switch	4	47	1
92−1366	Spring − Compression	4	51	1
92−1367	Arm − Traction Linkage	9	13	1
92−2556	Motor − Fixed Displacement	3	37	1
92−2567	Spring	20	21	1
92−2568	Poppet	20	22	1
92−2571	Plug	6	4	2
92−2572	End Cap Assembly	6	14	1
92−2581	Neutral Switch Arm Assy.	29	51	1
92−2586	Arm − Brake Linkage	9	24	2
92−2587	Decal − R.O.P.S.	73	14	1
92−5521	Tether Strap	15	8	2
92−5804	Pedal − Brake L.H.	9	21	1
92−5805	Brake Pedal Assembly R.H.	9	23	1
92−5806	Shaft − Brake	9	26	1
92−5817	Pin − Clutch Stop	26	34	1
92−5818	Housing − Bearing, Lower	26	14	1
92−5821	Assembly − Head, Filter	24	15	1
92−5828	Assembly − Hose	33	25	1
92−5830	Assembly − Hose	33	43	1
92−5830	Assy. − Hose, Traction L.H.	3	29	1
92−5833	Spacer−Ball Joint	59	45	2
92−5836	Washer−Axle	60	66	1
92−5838	Ball Joint	60	65	1
92−5839	Ball Joint	59	44	1
92−5840	Bracket − Mount, Filter	24	10	1
92−5844	Spacer−Ball Joint	59	40	1
92−6073	Decal − Clear	73	13	1
92−6533	Seat Cushion Assembly	14	4	1
92−6534	Shell − Seat	14	7	1
92−6564	Decal − 4 Matic	18	1	1
92−6588	Gland	61	7	1
92−6593	Kit−Seal	61	*	1
92−7301	Spacer	14	37	2
92−7381	Tube − Water, Return	37	5	1
92−7382	Cover − Manifold	37	17	1
92−7762	Lift Valve Assembly	19	15	1
92−7765	Assy. − Tube	3	30	1
92−7773	Ball	7	32	6
92−7774	Stud	7	28	4
92−7775	Link	7	29	4
92−7776	Spring − Extension	7	30	4
92−7777	Disc − Actuating	7	31	4
92−7778	Spring	20	33	3
92−7779	Eyelet	20	38	3
92−7780	Plug Assembly	20	32	3
92−7791	Seal − Valve	43	52	8
92−7792	Guide − Valve (14.29mm)	43	47	8
92−7793	Guide − Valve (14.59mm)	43	*	8
92−7794	Valve − Exhaust	43	50	4
92−7795	Seat − Exhaust Valve	43	51	4
92−9704	Housing − Axle	7	11	2
92−9706	Spacer − Axle Shaft	7	22	2
92−9708	Collar − Bearing	7	12	2
92−9709	Spacer − Bearing	7	14	2
92−9710	Bearing − Ball	7	13	2
92−9711	Weight − Rear	56	35	1
92−9712	Seal − V−Ring	7	23	2
92−9714	Axle Assembly	7	16	2
92−9729	Valve − Control, Steering	11	59	1
92−9730	Cap−End	12	18	1
92−9732	Plate − Wear	12	14	1
92−9736	Screw−Cap	12	19	7
92−9745	End Cap Kit	12	*	1
92−9749	Seal Kit	12	*	1
93−3102	Cap − Fuel	21	3	1
93−3163	Spring − Compression	14	30	2
93−3164	Cup − Spring	14	31	2
93−3165	Bracket − Spring	14	29	1
93−4207	Fitting − Hose Tee	36	8	1
93−4233	Engine Assembly	35	42	1
93−5398	Screw − Cap Hex. Hd.	35	25	2
93−5835	Screw − Purge	50	28	1
93−5856	Valve − Solenoid	50	17	1
93−6028	Plate − Logo, TORO	56	17	1
93−6668	Decal − Recycle	35	47	1
93−6681	Decal − Warning	57	54	1
93−6697	Decal − Oil	2	42	2
93−7160	Cap − Oil	24	2	1
93−7203	Latch − Lockup	2	46	2
93−7204	Mount − Pad	70	30	2
93−7217	Fitting − Hydraulic	70	28	1
93−7221	Hose − Radiator, Upper	36	4	1
93−7223	Hose − Air Cleaner	36	19	1
93−7224	Hose − Intake	36	18	1
93−7229	Degassing Support Asm.	36	11	1
93−7236	Air Cleaner Support Asm	1	28	1
93−7236	Bracket − Support	36	44	1
93−7242	Decal − Service	19	37	1
93−7244	Bracket − Support	56	27	1
93−7245	Bracket − Support	37	12	1
93−7252	Decal − CE	2	52	1
93−7275	Decal − Starting Fluid	36	28	1
93−7276	Decal − Danger	35	46	1
93−7483	Light − Warning Bank	18	8	1
93−7484	Light − Warning Bank	18	11	1
93−7485	Filter Assembly	36	30	1
93−7594	Spacer − Tubular	36	3	1
93−7788	Hose − Return	36	12	1
93−7798	Hood	1	16	1
93−7799	Radiator Mount Assembly	56	8	1
93−9162	Filter − Primary	55	3	1
93−9163	Filter − Safety	55	6	1
93−9164	Indicator	55	1	1
93−9164	Service Indicator	36	32	1
93−9175	Dipstick	36	26	1
93−9175	Dipstick − Oil	38	3	1
93−9356	Decal − Warning	26	45	1
93−9414	Decal − Warning	9	44	1
93−9415	Panel − Tower	10	23	1
93−9416	Panel − Gauge	18	2	1
93−9420	Decal − Fuel	21	12	1
93−9422	Panel − Console	17	17	1
93−9423	Decal − Operation	9	42	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
93−9425	Decal − Danger	2	50	1
94−1416	Adapter Assembly	36	31	1
94−1416	Asm. − Adaptor	55	7	1
94−1418	Hose − Radiator, Upper	36	2	1
94−1418	Hose − Radiator, Upper	56	46	1
94−2630	Hose − Return	36	6	1
94−2638	Nut − Tinnerman	56	18	4
94−2800	Cap − Radiator	36	22	1
94−2801	Grommet − Rubber	36	40	2
94−2812	Grommet	37	7	1
94−2814	Kit − Exhaust Coupler	37	1	1
94−2815	Sleeve − Exhaust Flange	37	2	1
94−3011	Plug	31	12	1
94−3100	Short Block Assembly	38	36	1
94−3103	Plug − Threaded	38	44	1
94−3104	Plug − Threaded	38	43	2
94−3106	Gasket	38	42	2
94−3108	Plug − 27.5 mm Dia.	38	*	8
94−3108	Plug − 27.5 mm Dia.	42	*	2
94−3109	Plug − 28.5 mm Dia.	38	*	9
94−3109	Plug − 28.5 mm Dia.	42	*	2
94−3110	Stud	38	45	1
94−3111	Pin − Groove	38	22	2
94−3112	Screw − Washer Hd.	38	17	2
94−3113	Cylinder Head Assembly	41	5	1
94−3115	Nut − Lock	41	8	6
94−3116	Gasket	41	3	1
94−3117	Plate	41	2	1
94−3118	Plug	42	32	1
94−3119	Kit − Gasket	43	*	1
94−3120	Bracket	43	54	1
94−3121	Plug	43	44	1
94−3122	Gasket	43	43	1
94−3123	Screw − Cap Hex. Hd.	41	1	2
94−3124	Bolt − Valve Cover	42	22	3
94−3124	Screw − Cap Hex. Hd.	47	8	2
94−3125	Washer	42	21	3
94−3125	Washer − Flat	45	3	1
94−3126	Protector − Lower	45	5	1
94−3127	Case − Timing, Left	45	7	1
94−3128	Case − Timing, Right	45	9	1
94−3129	Plug	45	4	1
94−3130	Screw	45	2	1
94−3131	Screw	48	1	3
94−3131	Screw	45	10	1
94−3132	Screw	45	1	2
94−3133	Nut W/Washer	45	6	1
94−3134	Nut	45	8	1
94−3135	Bracket − Lifting	42	15	1
94−3136	Bracket − Lifting	42	23	1
94−3137	Bracket − Lifting	42	25	1
94−3138	Screw	42	24	1
94−3139	Screw	42	26	1
94−3141	Thrust Bearing Set (Std.)	39	13	2
94−3144	Pulley	39	3	1
94−3145	Screw − Cap Hex. Hd.	39	1	1
94−3148	Seal − Shaft	39	11	1
94−3149	Gear − Flywheel	39	17	1
94−3150	Screw − Cap Hex. Hd.	39	7	4
94−3151	Washer	39	8	6
94−3152	Screw − Cap Hex. Hd.	40	33	2
94−3157	Piston Set − Std.	40	29	1
94−3158	Piston Ring Set Std.	39	23	4
94−3159	Roller Assembly	44	11	1
94−3160	Roller Assembly	44	15	1
94−3161	Screw	44	16	2
94−3161	Screw	50	24	1
94−3162	Stud	44	9	1
94−3163	Screw	44	6	1
94−3164	Washer − Spring	46	7	7
94−3164	Washer − Spring	44	10	4
94−3164	Washer − Spring	50	10	6
94−3165	Nut	50	6	4
94−3165	Nut − Lock	44	12	1
94−3166	Washer − Flat	44	7	1
94−3167	Bracket − Fan	44	24	1
94−3168	Pulley − Fan	44	21	1
94−3169	Screw	44	25	1
94−3170	Screw	44	17	1
94−3171	Screw	44	20	2
94−3172	Washer	44	19	3
94−3173	Screw	44	22	3
94−3174	Washer	42	27	8
94−3176	Gear − Oil Pump	47	2	1
94−3177	Plug	47	12	2
94−3178	Strainer	47	9	1
94−3179	Washer − Spring	47	4	3
94−3180	Switch − Pressure	38	32	1
94−3181	Oil Filler	38	1	1
94−3182	Plug	38	2	1
94−3183	Gasket	38	39	1
94−3184	Union	38	4	1
94−3186	O−Ring	38	40	1
94−3191	Union	38	48	1
94−3192	Union	38	47	1
94−3196	Inlet − Water	49	7	1
94−3196	Inlet − Water	42	31	1
94−3197	O−Ring	49	3	1
94−3197	O−Ring	42	30	1
94−3198	Screw	49	8	2
94−3198	Screw	42	35	2
94−3199	Pipe − By−Pass	43	39	1
94−3200	Hose − By−Pass	42	37	1
94−3206	Gasket	48	9	1
94−3207	Ring	48	4	1
94−3208	Stub − Outlet	48	2	1
94−3209	Thermostat	48	11	1
94−3210	Gasket	48	10	1
94−3211	Temp Sending Unit	48	6	1
94−3212	Plug	48	7	2
94−3213	Screw	48	8	1
94−3214	Screw	48	5	1
94−3215	Manifold − Intake	46	6	1
94−3216	Screw	46	8	5
94−3217	Screw	46	9	4
94−3218	Screw	46	*	1
94−3219	Pump − Injection	50	19	1
94−3220	Bracket	50	3	1
94−3221	Screw	50	11	1
94−3222	Key	50	20	1
94−3223	Screw	50	25	1
94−3224	Washer − Flat	50	9	2
94−3225	Screw	50	4	2
94−3226	Gasket − Injector	51	4	4
94−3227	Spacer	51	8	4
94−3228	Spring	51	7	4
94−3229	Union	51	11	3
94−3230	Hose	51	1	1
94−3231	Bracket	51	13	2
94−3232	Washer − 0.79 mm	51	6	4
94−3233	Washer − 0.82 mm	51	*	4
94−3234	Washer − 0.85 mm	51	*	4
94−3235	Washer − 0.88 mm	51	*	4
94−3236	Washer − 0.91 mm	51	*	4
94−3237	Washer − 0.94 mm	51	*	4
94−3238	Washer − 0.97 mm	51	*	4
94−3239	Washer − 1.00 mm	51	*	4
94−3240	Washer − 1.03 mm	51	*	4
94−3241	Washer − 1.06 mm	51	*	4
94−3242	Washer − 1.30 mm	51	6	4
94−3243	Washer − 1.33 mm	51	*	4
94−3244	Washer − 1.36 mm	51	*	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
94−3245	Washer − 1.39 mm	51	*	4
94−3246	Washer − 1.42 mm	51	*	4
94−3247	Washer − 1.45 mm	51	*	4
94−3248	Washer − 1.48 mm	51	*	4
94−3249	Tube − Outlet	50	22	1
94−3250	Screw − Connection	50	23	1
94−3251	Nut	50	15	1
94−3251	Nut − Lock	54	8	1
94−3252	Alternator	52	12	1
94−3252	Alternator	36	39	1
94−3253	Bracket	52	7	1
94−3254	Screw	52	6	1
94−3255	Slide	52	4	1
94−3256	Belt	52	5	1
94−3257	Washer − Spring	52	13	1
94−3258	Screw	52	14	1
94−3260	Washer − Flat	52	3	1
94−3261	Nut	52	11	1
94−3262	Nut	52	10	1
94−3263	Starter	53	3	1
94−3264	Plug − Glow	54	3	4
94−3265	Cable − Glow Plug	54	2	4
94−3266	Nut − Hex.	54	5	4
94−3267	Nut − Lock	54	6	1
94−3274	O−Ring	50	18	1
94−5601	Support − Tank, Lower	1	9	1
94−5604	Hose − Overflow	36	15	1
94−5608	Mount − Rubber	37	11	1
94−5609	Cover Asm − Hood, Lower	1	31	1
94−5612	Screen Assembly	56	15	1
94−5613	Stop − Rubber	1	17	2
94−5614	Bracket − Hour Meter	21	43	1
94−5615	Bracket − Return Hose	35	43	1
94−5616	Seal − Hood	56	9	1
94−5617	Seal − Strip, Hood	1	22	2
94−5618	Trim − Fire Wall	1	15	1
94−5621	Bracket Assembly − Screen	56	10	1
94−5622	Seal Strip − Screen	56	12	1
94−5623	Harness − Wire, Main	16	6	1
94−5623	Harness − Wire, Main	26	31	1
94−5623	Harness − Wire, Main	21	37	1
94−5623	Wire Harness − Main	36	36	1
94−5625	Hose − Radiator, Overflow	36	13	1
94−5625	Hose − Radiator, Overflow	57	50	1
94−5626	Latch − Draw	1	23	1
94−5627	Plug	17	11	1
94−5629	Harness − Wire	18	27	1
94−5635	Guard − Fan	57	52	1
94−8001	Fuse − Blade, 80 Amp	16	9	1
94−8002	Fuse − Blade, 50 Amp	16	10	1
94−8003	Support − Air Cleaner Hose	36	45	1
94−8010	Hose − Hydraulic	56	21	2
94−8012	Muffler Assembly	37	6	1
94−8022	Switch − Pressure	70	29	1
94−8025	O−Ring	22	3	1
94−8026	Vent Assembly	22	12	1
94−8027	O−Ring	22	10	1
94−8028	O−Ring	22	11	1
94−8132	Gasket − Head (1.48 mm)	43	53	1
94−8133	Gasket − Head (1.52 mm)	43	*	1
94−8134	Gasket − Head (1.58 mm)	43	*	1
94−8135	Gasket − Head (1.62 mm)	43	*	1
94−8160	Washer	31	8	1
94−8246	Plate−Axle Pivot Rear	59	12	1
94−8247	Plate−Axle Pivot Front	60	67	1
94−8297	Assy. − Pump, Gear	29	5	1
94−8298	Hydraulic Tube Assembly	24	37	1
94−8298	Tube Assembly − Oil Cooler	56	32	1
94−8299	Assy. − Tube, Steering	10	45	1
94−8299	Tube Assembly − Steering	25	51	1
94−9965	Asm. − Head, Cylinder	43	*	1
94−9969	Screw − Connection	50	27	1
94−9983	Box − Degassing	36	41	1
94−9984	Sensor − Water Level	36	23	1
94−9994	Gasket	44	27	1
95−1821	Spring	10	40	1
95−4351	Plate − Pivot	30	61	1
95−4352	Bracket − Neutral	30	60	1
95−4354	Assembly − Hose	19	18	1
95−4354	Hose Assembly	33	44	1
95−4356	Fitting − Hydraulic	33	35	1
95−4362	Asm. − Frontplate	31	7	1
95−4363	Asm. − Backplate	31	21	1
95−4364	Asm. − Body	31	2	2
95−4365	Asm. − Gear, Drive	31	3	1
95−4366	Asm. − Gear, Idler	31	13	2
95−4367	Gasket − Backup	31	5	2
95−4368	Plate − Wear	31	4	2
95−4369	Seal	31	6	2
95−4370	Screw − Cap	31	9	8
95−4371	Plate − Adapter	31	16	1
95−4372	Key	31	15	1
95−4373	Gear	31	14	1
95−4374	Asm. − Valve, Relief	31	*	1
95−4375	Harness − Wire	26	9	1
95−4375	Harness − Wire	11	52	1
95−4375	Harness − Wire, Deck	16	8	1
95−4391	Tie Rod Assembly	59	35	1
95−4393	Gear−Driver	59	28	1
95−7500	Axle−4wd	59	36	1
95−7502	Case−Differential	64	3	1
95−7503	Differential Assembly	64	1	1
95−7506	Support #2−Axle	65	2	1
95−7507	O−Ring	65	3	1
95−7508	Support #1−Axle	65	1	1
95−7509	Shaft−Differential Gear, LH	67	1	1
95−7510	Pin−Knuckle	66	5	2
95−7511	Gasket	66	4	2
95−7512	Shaft−Differential Gear, RH	67	2	1
95−7513	Support−Axle Case, LH	66	7	1
95−7515	Support−Axle Case, RH	66	8	1
95−7517	Gear−15 Bevel	67	3	2
95−7519	Gear−17 Bevel	67	8	2
95−7521	Cover−Axle	69	8	2
95−7522	Axle	69	1	2
95−7523	Spacer	69	4	2
95−7524	Gear−29 Bevel	69	6	2
95−7527	Gear−17 Bevel	68	4	2
95−7529	Shaft−Bevel Gear	67	7	2
95−7531	Case−Axle	68	1	2
95−7533	Case−Gear	63	11	1
95−7534	Case−Bearing	63	3	1
95−7537	Bushing−Flange	65	4	2
95−7539	Case−Bevel Gear	66	1	2
95−7540	Gasket	63	17	1
95−7541	Plate−Cover	63	16	1
95−7544	Clip	69	3	4
95−7547	Shim−0.1	66	10	2
95−7548	Shim−0.2	66	*	2
95−7549	Shim−0.3	66	*	2
98−3806	Bracket−Bulkhead	60	49	1
98−3806	Cylinder−Hydraulic	59	46	1
98−3837	Gasket − Pump, Water	49	4	1
98−3867	Washer−Thrust	59	15	2
98−7070	Weight − Rear	56	40	1
98−7076	Stop−Axle	59	8	2
98−7077	Pin−Axle Pivot	60	54	1
98−7250	Clutch	26	37	1
98−7253	Assembly − Armature	28	5	1
98−9965	Bushing − Sleeve	39	24	4
98−9966	Pulley − Camshaft	44	26	1
98−9967	Key	44	4	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
98−9968	Screw	44	1	2
98−9970	Box − Outlet	48	3	1
98−9971	Hose − By−Pass	43	40	1
98−9972	Cover − Pump, Water	49	5	1
99−4753	Butt & Tube Assembly	61	1	1
99−4754	Piston Rod Assembly	61	9	1
99−7500	Clutch−Bidirectional	59	31	1
99−7502	Motor−Hydraulic	59	23	1
99−7503	Tube & Clamp Assembly	60	73	1
99−7525	Stud	66	14	4
99−7526	Nut	63	15	2
99−7526	Nut	66	15	4
99−7527	Washer−Spring	63	14	2
99−7527	Washer−Spring	66	16	4
99−7528	Nipple−Grease	66	17	2
99−7529	Bushing	66	9	2
99−7530	Bearing−Ball	67	4	4
99−7531	Clip	67	6	2
99−7532	Bearing−Taper Roller	68	5	2
99−7532	Bearing−Taper Roller	67	9	2
99−7534	Bearing−Double Ball	69	7	2
99−7535	Plug	68	2	2
99−7536	Washer−Seal	68	3	2
99−7538	O−Ring	69	9	2
99−7539	Clip	69	11	2
99−7550	Shim−0.1	63	10	2
99−7551	Shim−0.2	63	*	2
99−7552	Shim−0.1	67	5	2
99−7553	SHim−0.2	67	*	2
99−7554	Shim−0.5	67	*	2
99−7555	Shim−0.3	69	5	2
99−7556	Shim−0.2	69	*	2
99−7557	Shim−0.5	69	*	2
99−7558	Collar	67	10	2
99−7559	Washer−Lock	63	8	1
99−7560	Nut−Lock	63	9	1
99−7561	Bearing−Ball	69	10	2
99−7562	Bearing−Ball	64	12	2
99−7563	Stud	69	13	10
99−7564	Seal−Oil	69	2	2
99−7566	Transaxle − 2 Speed	3	17	1
99−7567	Differential Assembly	5	*	1
99−7570	Bearing−Taper Roller	63	2	2
99−7571	O−Ring	63	4	2
99−7572	Collar−Oil Seal	63	5	1
99−7573	O−Ring	63	6	1
99−7574	Seal−Oil	63	7	1
99−7575	Bolt	63	12	2
99−7576	Bolt	64	4	8
99−7577	Washer−Spring	64	5	8
99−7578	Shaft−Differential Pinion	64	6	1
99−7579	Pinion−Differential	64	7	2
99−7580	Washer−Differential Pinion	64	8	2
99−7581	Gear−Differential, Side	64	9	2
99−7582	Washer−Differential	64	10	2
99−7583	Washer−Differential	64	*	2
99−7584	Washer−Differential	64	*	2
99−7585	Shim−0.1	64	13	2
99−7586	Shim−0.2	64	*	2
99−7587	Shim−0.4	64	*	2
99−7588	Pin−Spring	64	11	1
99−7589	Plug	65	5	2
99−7589	Plug	68	8	2
99−7590	Washer−Seal	68	9	2
99−7590	Washer−seal	65	6	2
99−7591	Assembly−Oil Plug	65	7	1
99−7592	Bolt	65	8	8
99−7593	O−Ring	65	9	2
99−7596	Bolt	66	6	8
99−7596	Bolt	69	12	12
99−7597	Pin−Straight	66	11	4
99−7598	Bolt	66	12	4
99−7599	Bolt	66	13	8
100−2550	Screw − Cap, Hex. Hd.	62	1	6
100−2551	Back Plate Assembly	62	2	1
100−2552	Housing Assembly	62	6	1
100−2553	Seal−Shaft	62	11	1
100−2554	Shaft − Drive	62	12	1
100−2555	Gear−43 Spiral Bevel	64	2	1
100−2555	Pinion−Spiral Bevel	63	1	1
100−2556	Stud	63	13	2
100−2557	Seal−Oil	66	2	2
100−2558	Bushing	66	3	2
100−2560	Cover−Axle	68	6	2
100−2561	O−Ring	68	7	2
100−2562	Bolt	68	10	8
217−124	Rim	7	18	2
217−125	Rim	59	38	2
218−446	Washer − Lock	18	3	1
218−447	Nut − Hex.	18	4	1
218−461	Nut − Hex	13	15	2
218−573	Fuse − 5A	17	21	2
218−581	Fuse − 15A	17	21	1
218−591	Coil Assembly	34	6	1
218−592	Nut − Coil	34	7	1
218−593	Fuse − 30A	17	*	1
219−17	Bulb	18	*16	4
232−27	Stem − Valve	7	19	2
232−27	Stem−Valve	59	39	2
233−17	Knob	10	24	1
233−39	Knob − Throttle	17	1	1
233−42	Knob	19	13	3
237−7	O−Ring	13	23	1
237−21	O−Ring	70	6	6
237−21	O−Ring	19	21	3
237−22	O−Ring	10	3	10
237−22	O−Ring	33	5	7
237−22	O−Ring	19	17	2
237−22	O−Ring	24	28	1
237−22	Seal−O−Ring	59	2	8
237−30	O−Ring	33	8	3
237−30	O−Ring	13	18	1
237−30	O−Ring	3	24	1
237−30	O−Ring	24	32	5
237−30	O−Ring	19	34	1
237−30	O−Ring	4	48	1
237−42	O−Ring	19	5	5
237−42	O−Ring	59	42	3
237−42	Seal − O−Ring	70	32	1
237−65	O−Ring	33	2	7
237−65	O−Ring	59	11	2
237−65	O−Ring	24	13	5
237−65	O−Ring	56	22	6
237−65	O−Ring	3	33	6
237−65	Seal − O−Ring	6	5	2
237−78	O−Ring	70	3	4
237−78	O−Ring	19	43	1
237−78	O−Ring	59	47	2
237−79	O−Ring	19	4	3
237−79	O−Ring	10	5	4
237−79	O−Ring	33	14	6
237−79	O−Ring	70	23	3
237−79	O−Ring	3	28	3
237−79	O−Ring	24	34	2
237−79	O−Ring	60	77	2
237−80	O−Ring	34	2	2
237−80	O−Ring	33	4	5
237−80	O−Ring	32	23	3
237−80	O−Ring	24	30	5
237−81	O−Ring	24	5	3
237−81	O−Ring	59	22	1
237−136	Grommet	13	24	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
237−146	O−Ring	33	36	1
237−161	O−Ring	29	6	1
237−166	O−Ring	59	26	1
237−167	O−Ring	3	27	1
240−6	Grommet	21	18	3
240−11	Grommet	24	11	3
242−34	Stud − Axle	7	21	10
249−49	Ring	25	48	4
2410−64	Plug − Dome	10	34	2
2410−64	Plug − Hole	57	55	3
2411−36	Eye − Rod	9	2	3
2411−36	Rod − End	3	3	1
2411−36	Rod End	8	9	2
2411−36	Rod End	10	21	1
2411−36	Rod End	29	27	1
2411−45	Tie Rod End	60	70	2
2412−3	Clamp − Hose	36	1	3
2412−3	Clamp − Hose	37	4	1
2412−3	Clamp − Hose	56	45	2
2412−31	Clip − Conduit	17	23	1
2412−34	Clamp − Hose	24	27	1
2412−34	Clamp − Hose	33	34	1
2412−36	Clamp − Hose	36	7	5
2412−36	Clamp − Hose	21	24	1
2412−36	Clamp − Hose	25	47	1
2412−36	Clamp − Hose	57	51	1
2412−39	R−Clamp	17	27	1
2412−74	Clamp	13	14	1
2412−74	Clamp − R	13	40	1
2412−74	Clamp − R	10	49	2
2412−74	Clamp−R	59	20	1
2412−104	Clamp − R	33	11	1
2412−104	Clamp − R	11	62	1
2412−108	Clamp − Hose	21	5	6
2412−108	Clamp − Hose	36	10	4
2412−109	Clamp−J	26	10	2
2412−125	Clamp − Hose	36	20	3
2412−129	Clamp − Hose	38	8	8
2412−129	Clamp − Hose	36	14	2
2412−129	Clamp − Hose	37	14	4
2412−129	Clamp − Hose	42	36	4
2412−133	Clamp − R	13	2	2
2412−137	R−Clamp	70	11	1
2412−150	Clip − J	4	49	1
251−259	Bearing − Ball	29	29	2
251−310	Bearing − Ball	26	16	2
251−314	Bearing	29	45	2
253−43	Seal − Grease	29	40	1
256−10	Bushing − Flange	1	4	2
256−10	Bushing − Flange	9	22	4
256−90	Bushing − Flange	9	19	1
256−113	Bushing	29	52	2
256−237	Bushing − Sleeve	1	5	1
283−2	Pin − Clevis	8	16	2
285−22	Plug − Pipe	21	27	1
289−44	Nipple − Pipe	3	20	1
289−50	Nipple − Pipe	3	18	1
2811−1	Fitting − 45° Elbow	56	39	1
2812−1	Fitting − Reducing Bushing	21	26	1
2812−11	Bushing − Reducer	3	16	1
2813−14	Elbow − Pipe 90°	3	19	1
302−2	Fitting − Grease	9	20	1
302−2	Fitting−Grease	60	55	1
302−5	Fitting − Grease	8	2	2
302−5	Fitting − Grease	70	21	6
302−5	Fitting − Grease	9	27	3
302−5	Fitting − Grease	29	37	3
302−5	Fitting−Grease	59	7	2
302−14	Plug − Vent	3	15	1
302−33	Fitting−Grease 90°	60	69	1
302−55	Fitting−Lube	60	76	2
302−60	Fitting − Grease	26	43	1
302−60	Fitting − Lube	72	7	2
304−46	Drain Cock	56	38	1
321−2	Screw − Cap Hex. Hd.	17	12	1
321−3	Screw − Cap Hex. Hd.	21	34	2
321−5	Screw − Cap Hex. Hd.	13	30	1
321−10	Screw − Cap Hex. Hd.	19	7	2
321−15	Screw − Cap Hex. Hd.	33	17	2
322−2	Screw − Cap Hex. Hd.	70	2	5
322−2	Screw − Cap Hex. Hd.	33	9	1
322−2	Screw − Cap Hex. Hd.	13	38	2
322−3	Screw − Cap Hex. Hd.	14	12	4
322−3	Screw − Cap Hex. Hd.	35	27	4
322−3	Screw − Cap Hex. Hd.	56	49	2
322−4	Screw − Cap Hex. Hd.	15	5	4
322−4	Screw − Cap Hex. Hd.	56	29	3
322−4	Screw − Cap Hex. Hd.	9	41	2
322−5	Screw − Cap Hex. Hd.	30	55	2
322−6	Screw − Cap Hex. Hd.	29	1	2
322−6	Screw − Cap Hex. Hd.	33	18	1
322−6	Screw − Cap Hex. Hd.	14	28	1
322−7	Screw − Cap Hex. Hd.	29	30	1
322−10	Screw − Cap Hex. Hd.	29	19	1
322−21	Screw − Cap Hex. Hd.	9	31	3
323−4	Screw − Cap Hex. Hd.	1	30	1
323−4	Screw − Cap Hex. Hd.	21	40	7
323−4	Screw − Cap Hex. Hd.	35	41	1
323−5	Screw − Cap Hex. Hd.	24	24	3
323−6	Screw − Cap Hex. Hd.	10	10	4
323−6	Screw − Cap Hex. Hd.	15	10	2
323−6	Screw − Cap Hex. Hd.	1	24	1
323−7	Screw − Cap Hex. Hd.	29	4	2
323−7	Screw − Cap Hex. Hd.	21	20	2
323−7	Screw − Cap Hex. Hd.	3	38	2
323−7	Screw − Cap Hex.. Hd.	8	10	2
323−8	Screw − Cap Hex. Hd.	10	20	1
323−9	Screw − Cap Hex. Hd.	3	1	1
323−9	Screw − Cap Hex. Hd.	35	3	1
323−9	Screw − Cap Hex. Hd.	9	14	1
323−9	Screw − Cap Hex. Hd.	14	34	2
323−9	Screw−HH	60	72	2
323−12	Screw − Cap Hex. Hd.	9	29	2
323−17	Screw − Cap Hex. Hd.	19	10	1
323−17	Screw − Hex. Hd.	13	16	1
323−20	Screw − Cap Hex. Hd.	37	8	2
323−29	Screw − Cap Hex. Hd.	29	14	3
323−33	Screw − Cap Hex. Hd.	35	8	2
323−47	Screw − Cap Hex. Hd.	29	34	6
324−4	Screw − Cap Hex. Hd.	33	6	2
324−4	Screw − Cap Hex. Hd.	30	58	2
324−12	Screw − Cap Hex. Hd.	35	17	3
325−2	Screw − Cap Hex. Hd.	73	5	4
325−2	Screw − Cap Hex. Hd.	3	44	1
325−4	Screw − Cap Hex. Hd.	7	27	1
325−5	Screw − Cap Hex. Hd.	2	47	2
325−6	Screw−Cap Hex. Hd.	59	25	2
325−9	Screw − Cap Hex. Hd.	26	29	2
325−9	Screw − Cap Hex. Hd.	13	37	2
325−11	Screw − HH	72	3	2
325−12	Screw−Hex. Flange Hd.	59	33	2
325−14	Screw	26	12	1
325−15	Screw − Cap Hex. Hd.	7	25	10
325−18	Screw − Cap Hex. Hd.	58	4	2
325−33	Screw − Cap Hex. Hd.	73	3	2
325−34	Screw − Hex. Flange Hd.	56	33	2
325−35	Screw − Cap Hex. Hd.	56	41	2
325−35	Screw−Cap Hex. Hd.	59	34	2
325−36	Screw−Cap Hex. Hd.	59	16	2
3212−5	Screw − Cap Hex. Hd.	73	9	2
3212−5	Screw − Cap Hex. Hd.	15	14	2
3213−2	Screw − Hex. Hd. Flange	29	8	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3217−6	Nut − Hex.	14	17	1
3217−26	Nut	18	15	2
3218−2	Nut − Jam	14	20	4
3218−2	Nut − Jam	9	40	2
3218−19	Nut − Hex.	18	7	2
3220−3	Nut − Jam	9	3	3
3220−3	Nut − Jam	3	4	1
3220−3	Nut − Jam	8	7	2
3220−3	Nut − Jam	10	19	1
3220−3	Nut − Jam	30	54	1
3220−7	Nut − Jam	70	12	3
3230−16	Bolt − Carriage	15	2	4
3231−22	Bolt − Carriage	2	34	2
3234−1	Screw − Hex. Flange Hd.	29	31	4
3234−4	Screw − Cap Hex. Hd.	3	43	2
3234−4	Screw−Cap Hex. Hd.	59	4	1
3234−5	Screw − Hex. Flange Hd.	57	53	2
3234−11	Screw	35	15	6
3234−11	Screw − Flange	36	27	3
3234−11	Screw − Hex. Washer Hd.	56	28	5
3234−12	Screw − Hex. Flange Hd.	3	12	2
3234−12	Screw − Hex. Washer Hd.	21	1	2
3234−12	Screw − Hex. Washer Hd.	2	36	7
3234−13	Screw − Hex. Washer Hd.	24	7	2
3234−14	Screw − Hex. Flange Hd.	9	17	2
3234−14	Screw − Hex. Flange Hd.	14	35	6
3234−14	Screw − Hex. Hd. Flange	56	11	2
3234−19	Screw − Flange Head	26	39	1
3234−22	Screw − Flange Head	26	24	3
3234−30	Screw − Hex. Hd. Flange	7	6	6
3234−30	Screw − Hex. Flange Hd.	56	1	8
3247−4	Screw − Set	70	27	2
3249−11	Screw − Machine Rd. Hd.	29	25	2
3250−36	Screw	18	22	2
3250−36	Screw − Phillips Pan Hd.	1	7	2
3253−4	Washer − Lock	70	4	5
3253−4	Washer − Lock	15	6	4
3253−4	Washer − Lock	14	11	4
3253−4	Washer − Lock	35	26	4
3253−6	Washer − Lock	33	10	2
3253−6	Washer − Lock	73	10	2
3253−6	Washer − Lock	15	13	2
3253−6	Washer − Lock	30	59	2
3253−7	Washer − Lock	73	6	4
3253−15	Washer − Lock	21	30	5
3253−21	Washer − Lock	35	7	3
3253−21	Washer − Lock	10	9	4
3253−21	Washer − Lock	21	21	9
3253−21	Washer − Lock	1	25	2
3253−21	Washer − Lock	5	44	6
3253−33	Washer − Lock	14	18	1
3254−1	Washer − Lock	18	14	2
3254−20	Washer − Lock, Int. Tooth	18	6	1
3255−7	Washer − Lock Ext. Tooth	17	22	1
3255−8	Washer − Lock Ext. Tooth	17	19	1
3255−8	Washer − Lock, Ext. Tooth	35	20	2
3256−2	Washer	15	7	4
3256−2	Washer − Flat	14	10	8
3256−3	Washer	18	23	2
3256−3	Washer	30	64	1
3256−3	Washer − Flat	56	19	2
3256−3	Washer − Flat	1	33	2
3256−3	Washer − Flat	13	36	1
3256−3	Washer − Flat	9	43	1
3256−5	Washer − Flat	73	11	2
3256−5	Washer − Flat	15	12	2
3256−22	Washer − Flat	10	41	1
3256−23	Washer − Flat	56	2	7
3256−23	Washer − Flat	13	39	2
3256−24	Washer	15	9	4
3256−24	Washer	17	30	1
3256−24	Washer − Flat	35	4	4
3256−24	Washer − Flat	26	7	6
3256−24	Washer − Flat	19	11	2
3256−24	Washer − Flat	21	11	9
3256−24	Washer − Flat	1	26	2
3256−24	Washer − Flat	14	26	3
3256−24	Washer − Flat	29	35	9
3256−24	Washer − Flat	9	37	1
3256−24	Washer − Flat	4	52	2
3256−26	Washer − Flat	73	2	4
3256−26	Washer − Flat	29	9	2
3256−26	Washer − Flat	10	36	4
3256−26	Washer − Flat	56	43	2
3256−28	Washer − Flat	73	12	2
3256−49	Washer − Flat	13	6	1
3256−70	Washer − Flat	26	36	3
3256−71	Washer − Flat	29	16	3
3256−71	Washer − Flat	33	19	1
3256−71	Washer − Flat	10	47	2
3256−71	Washer−Flat	60	57	1
3256−77	Washer − Flat	17	7	1
3256−78	Washer − Flat	17	10	1
3256−78	Washer − Flat	1	13	2
3272−1	Pin − Cotter	19	8	6
3272−5	Pin − Cotter	10	39	2
3272−6	Pin − Cotter	8	18	2
3272−10	Pin − Cotter	10	38	1
3272−12	Pin − Cotter	72	8	2
3272−12	Pin−Cotter	60	64	2
3272−17	Pin−Cotter	59	27	2
3273−17	Screw − Hex. Socket Hd.	27	5	4
3274−19	Screw − Cap Socket Hd.	9	12	1
3274−68	Screw − Socket Button Hd.	18	19	4
3274−71	Screw − Soc. Hex. Hd.	26	1	2
3274−87	Screw − Flat Hd. Socket	7	3	12
3290−126	Screw − Hex. Washer Hd.	17	8	3
3290−148	Nut − Lock	17	4	1
3290−271	Rivet − Pop	56	5	2
3290−282	Rivet − Pop	13	5	1
3290−307	Pin − Cotter, Hair	13	26	1
3290−357	Nut − Flange	36	16	3
3290−357	Nut − Flange	2	38	2
3290−357	Nut − Flange Head	3	14	1
3290−357	Nut − Flange Head	30	56	1
3290−357	Nut − Lock	35	36	6
3290−359	Screw − Round Hd.	1	21	3
3290−378	Tie − Cable	36	9	2
3290−378	Tie − Cable	35	37	1
3290−378	Tie − Cable	11	60	2
3290−379	Tie − Cable	19	6	1
3290−467	Pin − Cotter, Hair	1	19	2
3290−477	Washer − Curved	30	57	2
3290−483	Washer − Belleville	2	44	4
3296−6	Nut − Lock	28	10	3
3296−9	Nut − Lock	29	18	2
3296−12	Nut − Lock	17	24	2
3296−23	Nut−Lock	60	60	2
3296−23	Nut − Hex. Lock	72	2	2
3296−23	Nut − Hex. Lock	56	13	2
3296−25	Nut − Lock	73	8	2
3296−25	Nut − Lock	26	27	5
3296−25	Nut − Lock	2	43	2
3296−29	Nut − Lock	15	3	4
3296−29	Nut − Lock	29	15	5
3296−29	Nut − Lock	14	19	4
3296−39	Nut − Lock	15	11	2
3296−39	Nut − Lock	8	13	2
3296−39	Nut − Lock	19	14	1
3296−39	Nut − Lock	13	28	1
3296−39	Nut − Lock	29	36	6
3296−39	Nut − Lock	26	41	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3296−39	Nut−Hex. Lock	60	74	2
3296−42	Nut − Lock	17	9	2
3296−42	Nut − Lock	9	33	1
3296−42	Nut − Lock	21	36	2
3296−44	Nut − Lock	17	25	1
3296−47	Nut − Lock	17	18	1
3296−47	Nut − Lock	33	21	1
3296−47	Nut − Lock	56	24	5
3296−47	Nut − Lock	26	44	1
3296−47	Nut − Lock	30	62	2
3296−49	Nut − Lock	10	12	2
3296−59	Nut − Lock	9	1	4
3296−59	Nut − Lock	3	7	1
3296−59	Nut − Lock	8	8	2
3296−59	Nut − Lock	29	24	3
3296−59	Nut − Lock	10	31	1
3296−68	Nut−Lock	59	19	1
32104−6	Screw − Cap Hex.	70	31	4
32104−37	Screw−Cap Hex. Hd.	60	56	1
32104−82	Screw − Hex. Washer Hd.	13	13	1
32108−58	Screw − Machine Flat Hd.	70	25	4
32120−15	Ring−Retaining	59	32	2
32120−19	Ring − Retaining, Ext.	8	12	4
32120−74	Ring − Retaining	30	67	1
32121−6	Pin − Roll	10	35	1
32121−6	Pin − Roll	3	45	1
32121−10	Pin − Roll	10	16	1
32121−24	Pin − Roll	3	42	1
32121−25	Pin − Roll	9	25	2
32121−36	Pin − Roll	2	45	2
32121−50	Pin − Roll	9	35	1
32121−123	Pin − Roll	10	18	2
32122−24	Screw − Round Hd.	21	31	5
32128−19	Nut − Flange Lock	14	33	2
32128−19	Nut − Lock, Flange	37	13	2
32128−20	Nut − Lock	9	36	2
32128−20	Nut − Lock Flange	56	26	2
32128−20	Nut − Lock, Flange	37	9	2
32128−20	Nut − Lock, Flange Head	33	12	1
32128−23	Nut−Flange Lock	59	1	2
32128−25	Nut − Flange Lock	14	23	4
32128−33	Nut − Flange Lock	18	18	4
32128−33	Nut − Lock	13	10	2
32128−33	Nut−Flange, Lock	60	53	1
32128−37	Nut − Lock, Flange Hd.	35	13	3
32128−49	Nut − Flange Head	26	28	3
32128−49	Nut − Hex. Flange	56	44	2
32128−49	Nut−Lock	60	61	2
32128−50	Nut − Lock, Flange Hd.	7	9	4
32136−2	Nut − Hex. Slotted	72	9	2
32136−13	Nut−Hex. Slotted	60	75	2
32136−14	Nut−Hex. Slotted Hd.	60	63	2
32144−4	Screw − Hex. Washer Hd.	18	12	6
32144−4	Screw − Hex. Washer Hd.	17	14	10
32144−4	Screw − Hex. Washer Hd.	10	28	4
32144−4	Screw − Thread Forming	24	44	4
32144−11	Screw − Hex. Flange Hd.	9	28	4
32144−11	Screw − Hex. Washer Hd.	24	8	2
32144−11	Screw − Hex. Washer Hd.	26	8	5
32144−11	Screw − Hex. Washer Hd.	1	12	17
32144−11	Screw − Hex. Washer Hd.	13	31	3
32144−11	Screw − Hex. Washer Hd.	10	32	6
32144−11	Screw − Hex. Washer Hd.	35	39	2
32144−11	Screw − Hex. Washer Hd.	19	40	2
32144−11	Screw−Hex. Washer Hd.	60	50	1
32144−18	Screw − Hex. Washer Hd.	21	41	2
32144−26	Screw − Hex. Washer Hd.	29	11	2
32144−41	Screw−Hex. Flange Hd.	60	68	1
32144−57	Screw − Hex. Washer Hd.	10	48	2
32148−10	Insert − Threaded	35	6	3
32148−10	Insert − Threaded	56	7	4
32148−10	Insert − Threaded	2	35	10
32148−10	Insert − Threaded	21	38	3
32151−62	Ring − Retaining	3	40	1
32151−72	Retainer − Push−On	56	20	2
32151−72	Retainer − Push−On	18	24	2
32151−72	Ring − Retaining	1	32	2
32151−73	Ring − Clip	29	2	1
32151−76	Ring − Retaining	7	15	2
32151−104	Ring−Retaining	59	9	2
32152−1	Nut − Lock	9	45	3
32153−2	Nut − Lock	14	13	1
33004−00	Nut − Hex. Flange	37	16	2
33023−00	Nut − Lock, Nylon Insert	36	43	1
33093−00	Washer − Flat	36	42	1
33104−016	Screw − Hex. Hd. Flange	36	29	2
33104−020	Screw − Hex. Hd. Flange	37	19	2
33105−020	Screw − Hex. Hd. Flange	36	24	1
33114−025	Screw−HH	59	29	1
33114−030	Screw − Cap Hex. Hd.	35	19	1
340−2	Fitting − Adapter	19	25	1
340−4	Fitting − Hydraulic	33	28	1
340−4	Fitting − Hydraulic	24	33	1
340−6	Fitting − Adapter	24	31	1
340−7	Fitting − Hydraulic	33	31	2
340−8	Fitting − Adapter	24	14	1
340−10	Fitting − Tee	24	42	1
340−17	Fitting − Hydraulic 90˚	33	3	1
340−17	Fitting − Hydraulic 90˚	24	39	1
340−18	Fitting − Hydraulic 90˚	33	37	2
340−18	Fitting−Hydraulic 45˚	59	21	2
340−55	Fitting − Hydraulic 45˚	33	23	1
340−70	Nut − Bulkhead	11	53	3
340−70	Nut−Bulkhead	59	5	3
340−71	Union − Bulkhead	11	54	1
340−72	Fitting − Hydraulic 90˚	56	25	2
340−74	Nut − Bulkhead	56	30	2
340−74	Nut−Bulkhead	59	13	1
340−97	Fitting−Hydraulic 90˚	60	48	2
340−99	Fitting − Hydraulic 90˚	19	35	1
340−101	Fitting − Hydraulic	3	25	1
340−115	Fitting − Hydraulic, Tee	33	47	2
340−125	Fitting − Hydraulic Tee	70	14	1
340−132	Fitting − Hydraulic 90˚	70	13	1
340−138	Fitting − Hydraulic	10	4	3
340−139	Fitting − Hydraulic	24	22	1
340−139	Fitting−Hydraulic 90˚	59	24	1
340−140	Fitting − Hydraulic Tee	70	5	1
340−141	Fitting − Hydraulic	24	29	1
340−147	Fitting − Hydraulic	24	17	1
340−155	Fitting − Hydraulic	3	34	2
340−155	Fitting − Hydraulic 90˚	33	13	2
340−157	Fitting − Tee	33	27	1
340−159	Fitting − Hydraulic	10	50	3
340−159	Fitting − Hydraulic 90˚	33	40	1
340−165	Fitting − Hydraulic	33	30	1
340−167	Fitting − Hydraulic	3	32	2
351−78	Edging − Seat	14	6	1
351−80	Clip − Edging	14	8	1
353−508	Plug	59	43	2
353−508	Plug Assembly	20	6	3
353−551	Plug	24	9	2
353−551	Plug Assembly	32	22	3
353−947	Cap − Fitting	24	19	1
353−947	Cap − Fitting	19	29	1
353−947	Cap − Fitting	3	36	2
354−77	Fitting − Test Port	19	30	1
354−79	Cap − Fitting	33	46	2
354−87	Fitting − Hydraulic 90˚	24	21	1
354−94	Fitting − Barb	21	16	1
354−95	Fitting − Barb	21	14	1
354−103	Male Hose Barb	25	45	1

*Not Illustrated

TABLE OF CONTENTS

Description	Page
Frame & Body Assembly	1−2
Front Transaxle Installation Assembly	3−4
Transaxle No. 99−7566	5
Hydraulic Motor No. 92−2556	6
Front Axle Assembly	7
Brake Linkage Assembly	8
Traction & Brake Pedals Assembly	9
Steering Tower Assembly	10−11
Power Steering Valve No. 92−9729	12
Seat Plate Assembly	13
Seat Assembly	14
Low Seat Assembly (Optional)	15
Electrical Schematic	16
Control Console Assembly	17
Gage Panel Assembly	18
Lift Valve Installation Assembly	19
Lift Valve No. 92−7762	20
Fuel Tank Assembly	21
Fuel Filter Assembly No. 76−5300	22
Hydraulic Schematic	23
Hydraulic Reservoir Assembly	24−25
PTO & Clutch Assembly	26
Drive Shaft Assembly 86−1730	27
Clutch Assembly No. 98−7250	28
Hydraulic Pump Installation Assembly	29−30
Gear Pump Assembly No. 94−8297	31
Traction Pump Assembly No. 86−5590	32
Hydraulic Pump Fittings Assembly	33
Engine & Battery Installation Assembly	34
Engine Plumbing Assembly	35
Muffler & Air Cleaner Installation Assembly	36
Crankcase Assembly	37
Crankshaft Assembly	38−39
Cylinder Head Assembly	40−42
Camshaft & Fan Support Assembly	43
Timing Cover	44
Intake & Exhaust Manifold Assembly	45
Oil Pump Assembly	46
Collector Assembly	47
Water Pump Assembly	48
Fuel Injection Pump Assembly	49
Fuel Injector Assembly	50
Alternator Assembly	51
Starter Assembly	52
Glow Plug & Glow Relay	53
Air Cleaner Assembly No. 93−7485	54
Radiator Assembly	55−56
Additional Weight Assembly	57
Rear Axle Assembly	58−59
Solenoid Valve Assembly No. 76−9970	60
Hydraulic Cylinder No. 94−8141	61
Hydraulic Motor No. 76−6580	62
Sleeve Assembly	63
Axle Housing Assembly	64
Differential & Shaft Assembly	65
Steering Gear Case Assembly	66
Steering Arm Linkage	67
Lift Arm Assembly	68
Hydraulic Cylinder No. 86−5580	69
Carrier Frame Assembly	70
R.O.P.S. Assembly	71
TORO Part Number Index	72−83

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 Groundsmaster 455D 4WD has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the left front frame member. In any correspondence concerning the Groundsmaster 455D 4WD, 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 Groundsmaster 455D 4WD.
2. Part number, description, and the quantity of part(s) desired.

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

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								