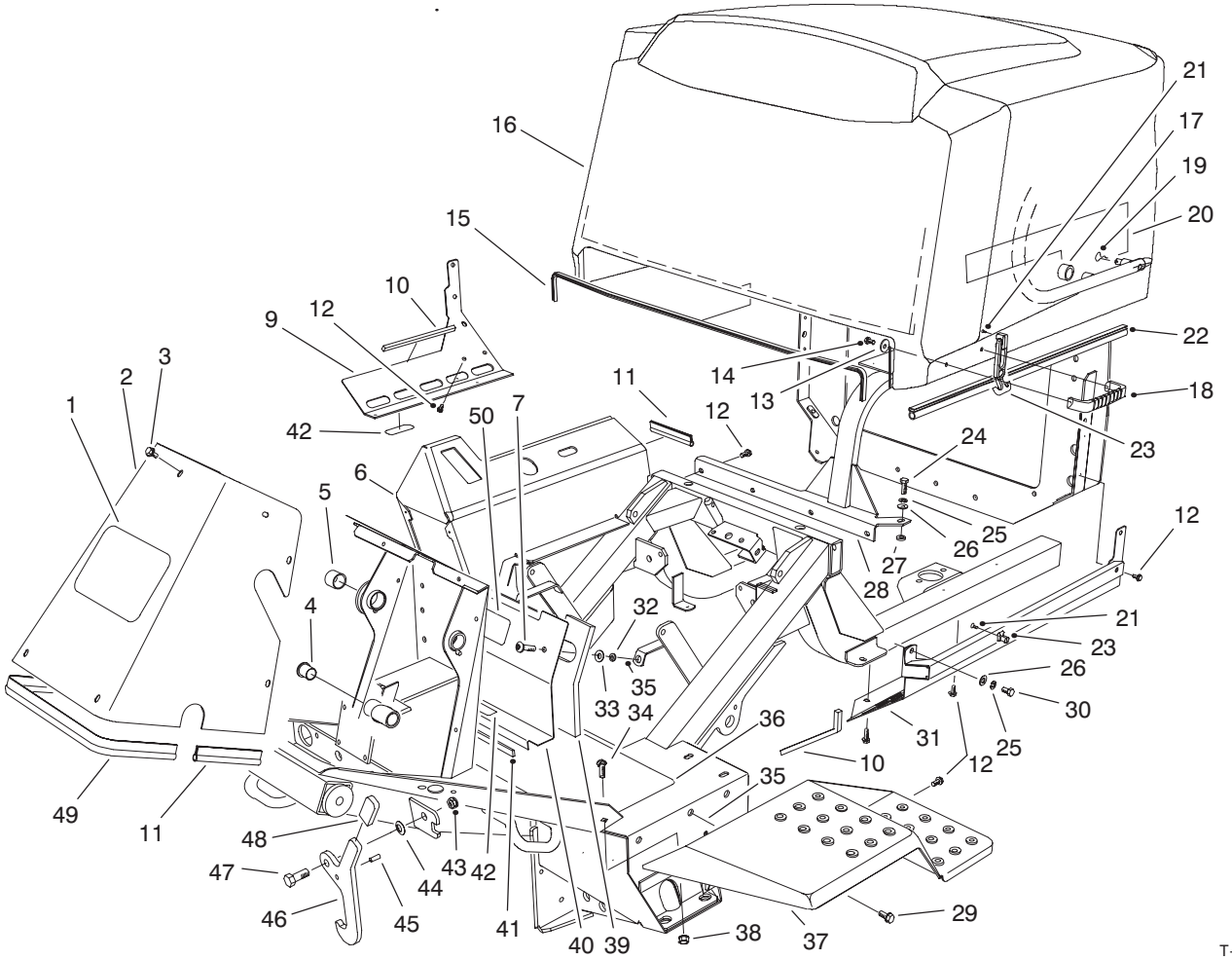
FORM NO. 3318–222

TORO®

MODEL NO. 30450–60001 THRU 60299
MODEL NO. 30455–60001 THRU 60299
MODEL NO. 30401–60001 THRU 60299

PARTS CATALOG

GROUNDSMASTER 455D
TRACTION UNIT WITH CUTTING DECK



T–1512A

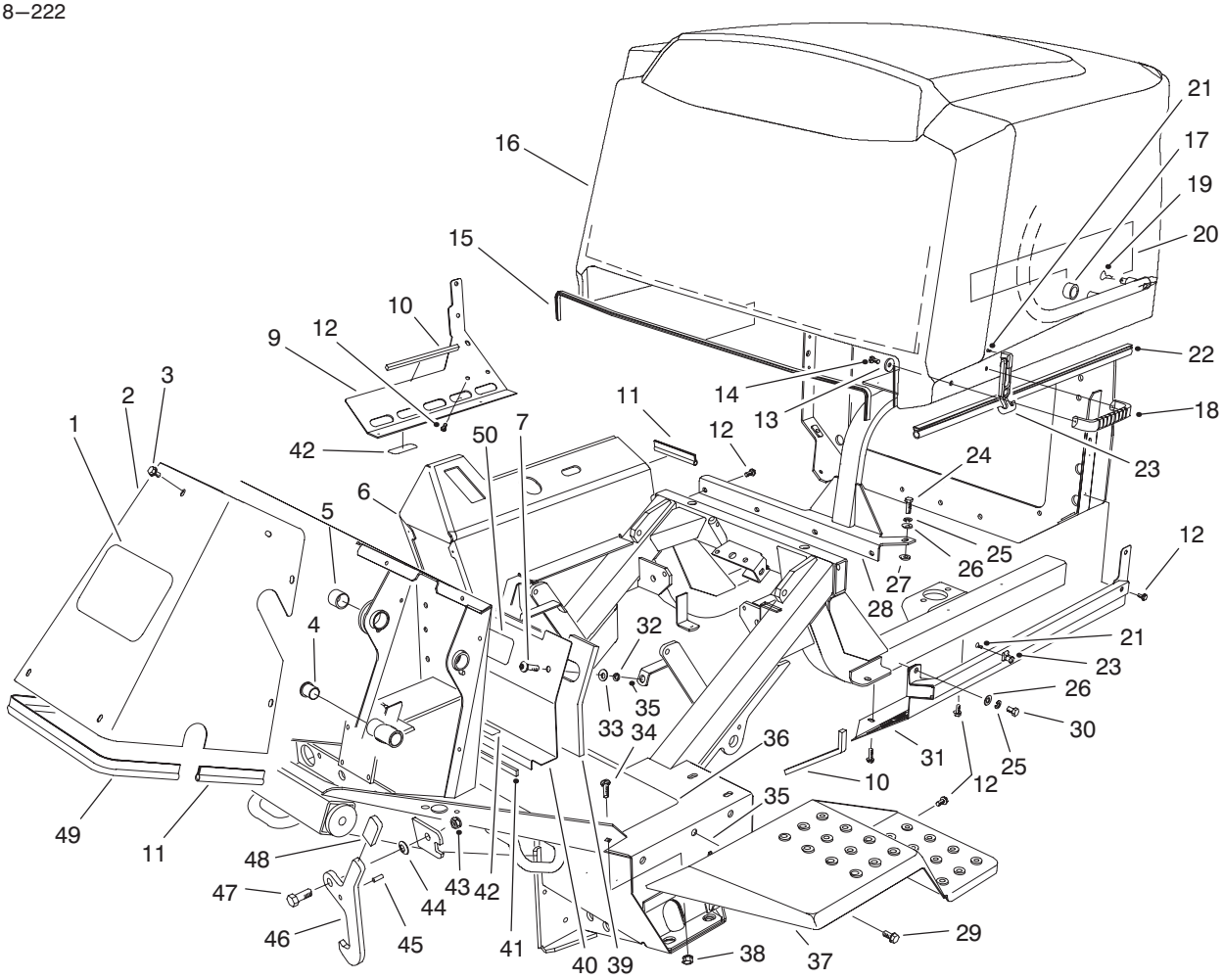
FRAME & BODY ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
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

© The TORO Company – 1995
All Rights Reserved

TPS

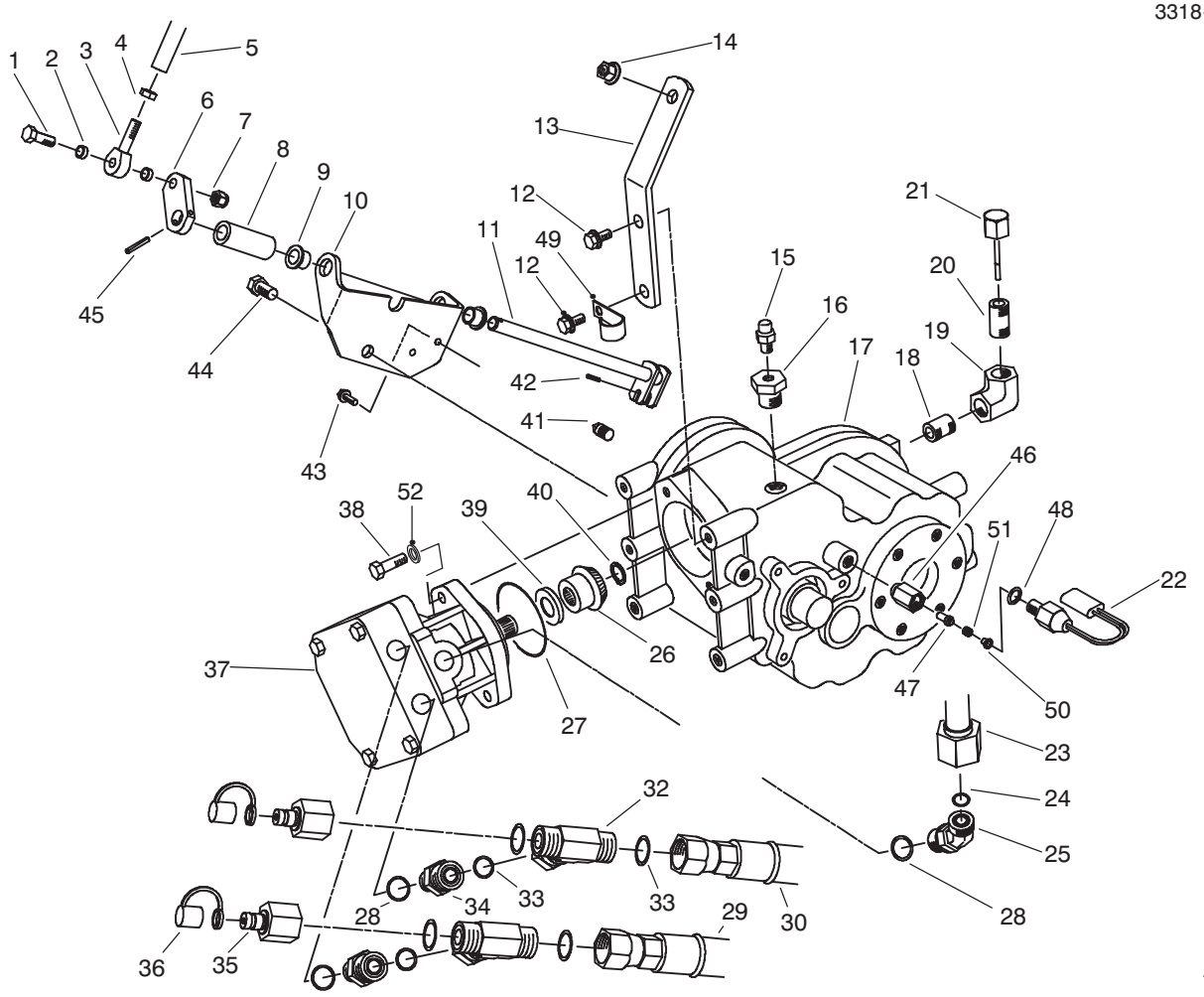


FRAME & BODY ASSEMBLY (Continued)

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	70–2560	Decal – Oil	
		(Model No. 30450)	1
		(Model No. 30455)	2

Ref. No.	Part No.	Description	No. Used
43	3296–25	Nut – Lock	2
44	3290–483	Washer – Belleville	2
45	32121–11	Pin – Roll	2
46	84–1490	Latch – Lockup	2
47	325–5	Screw – Cap Hex. Hd.	2
48	48–7081	Sleeve	2
49	76–6361	Strip – Seal	1
50	93–9426	Decal – Danger	1

*Not Illustrated



T–1506A

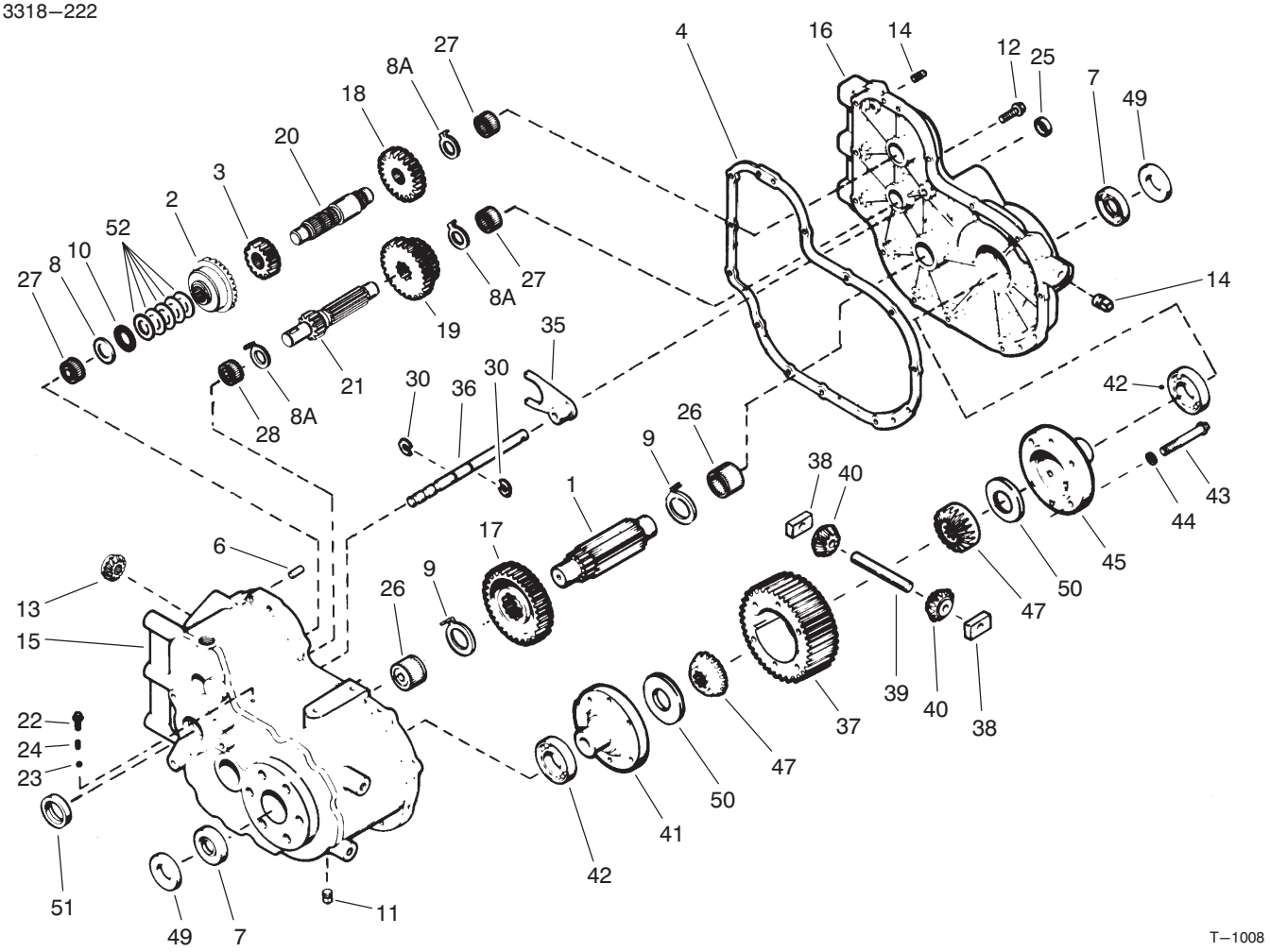
FRONT TRANSAXLE INSTALLATION ASSEMBLY

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 W.A. – 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	88–1260	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
25	340–101	Fitting – Hydraulic	1
26		Pinion – Spiral	1
27	237–167	O–Ring	1

Ref. No.	Part No.	Description	No. Used
28	237–79	O–Ring	3
29	92–5830	Assy. – Hose, Traction L.H.	1
30	92–5841	Hose, Traction R.H. (2WD)	1
*	92–7765	Assy. – Tube (4WD)	1
32	340–167	Fitting – Hydraulic	2
33	237–65	O–Ring	6
34	340–155	Fitting – Hydraulic	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
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
50	43–8610	Guide – Spring & Ball	1
51	92–1366	Spring – Compression	1
52	3256–24	Washer – Flat	2

*Not Illustrated

3318–222



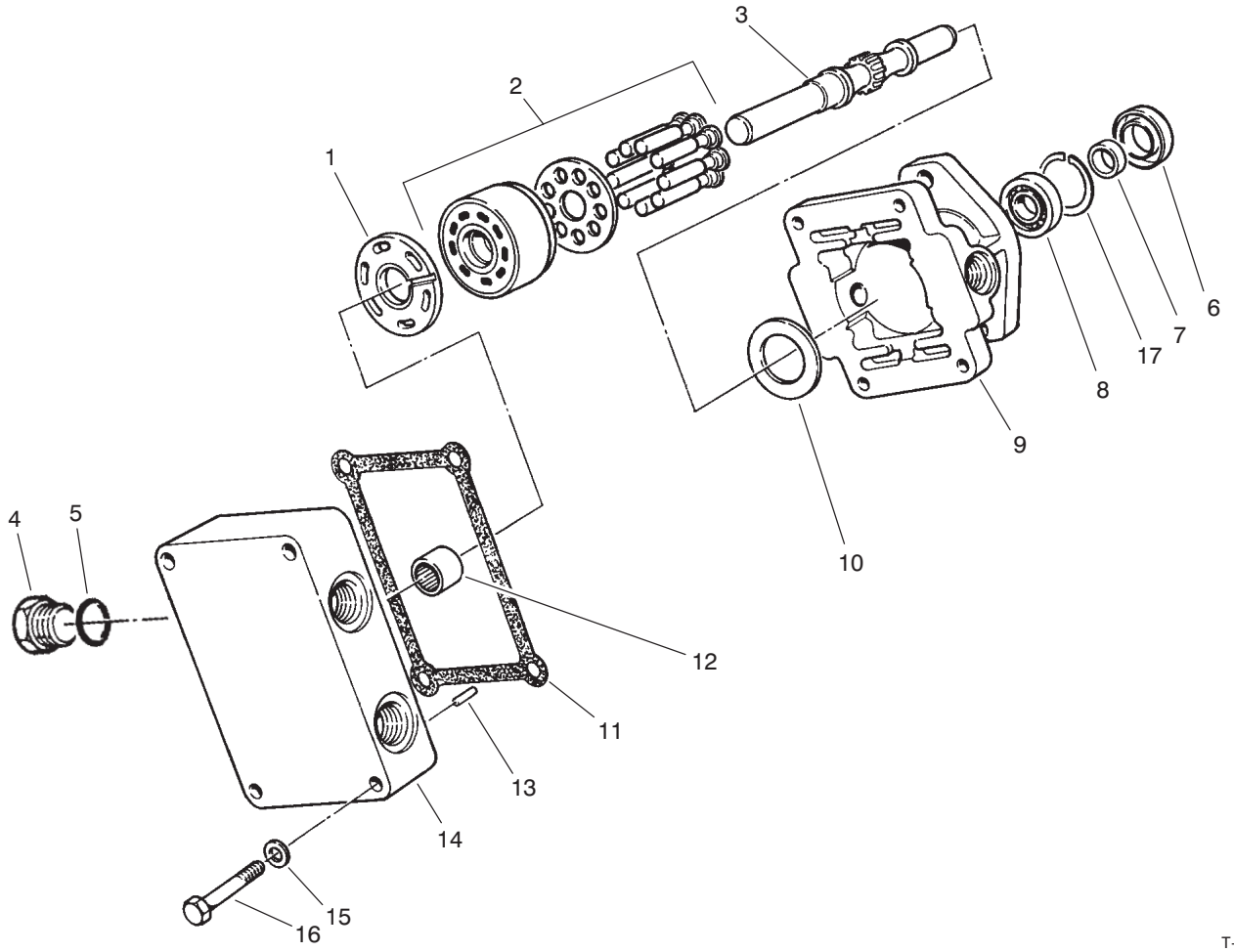
T–1008

TRANSAXLE ASSEMBLY NO. 88–1260

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

Ref. No.	Part No.	Description	No. Used
26	76–5860	Bearing – Needle	2
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	92–0643	Gear – Ring	1
38	76–5930	Block – Drive	2
39	76–5940	Pin – Drive	1
40	76–5950	Pinion – Bevel	2
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	76–6000	Gear – Bevel	2
49	76–6010	Spacer	2
50	76–6020	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

*Not Illustrated



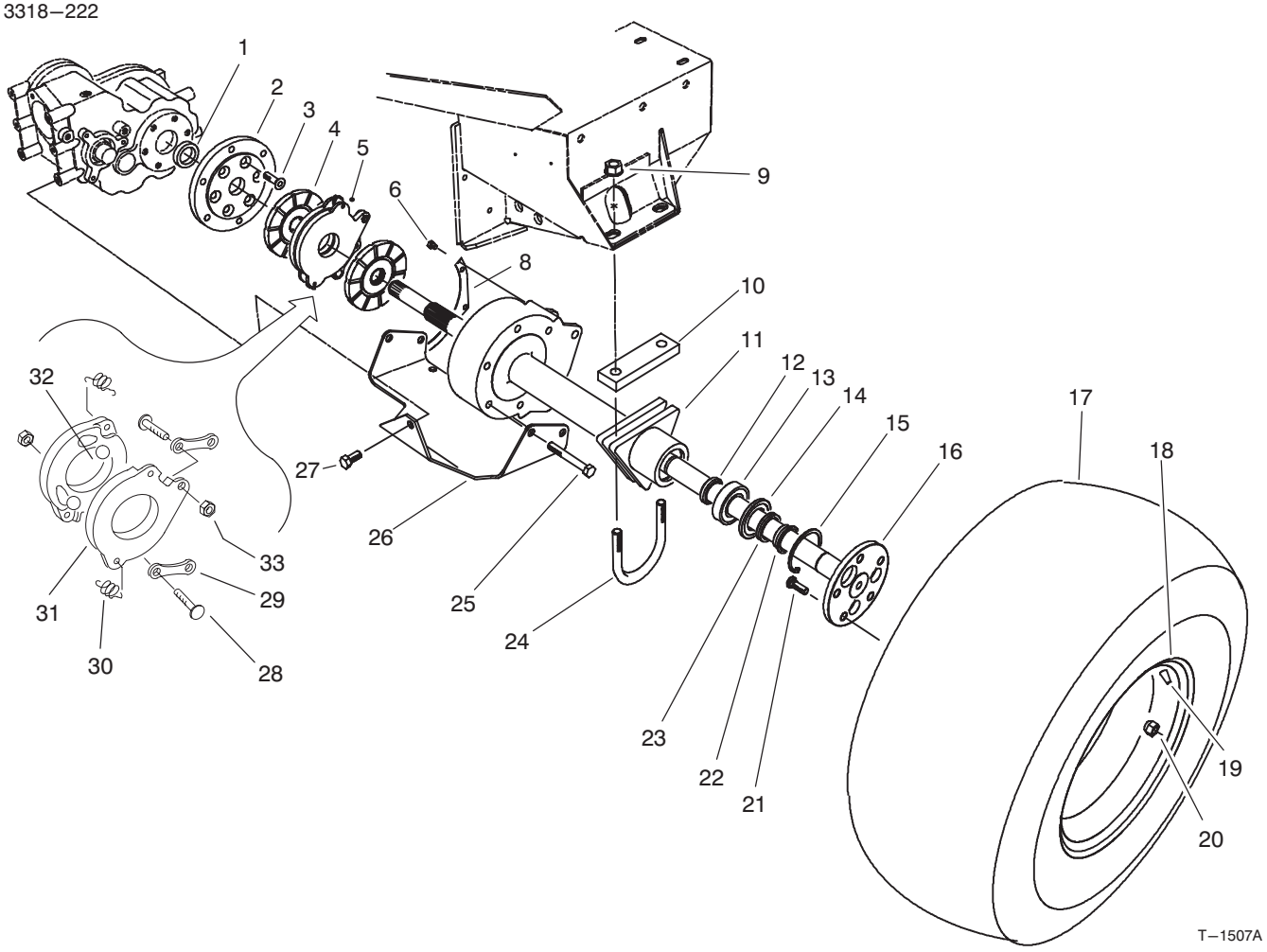
T–1493

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

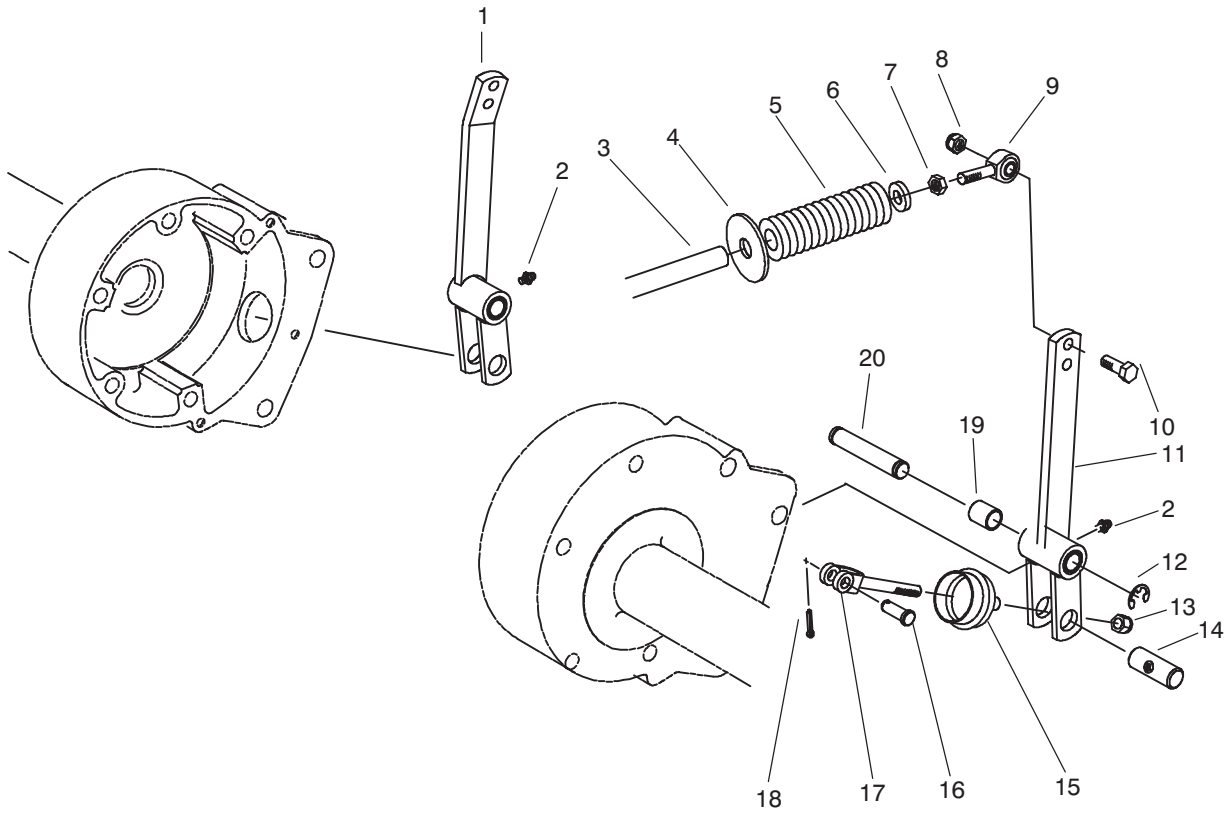
3318–222



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. #29–34)	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 & 20–23)	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

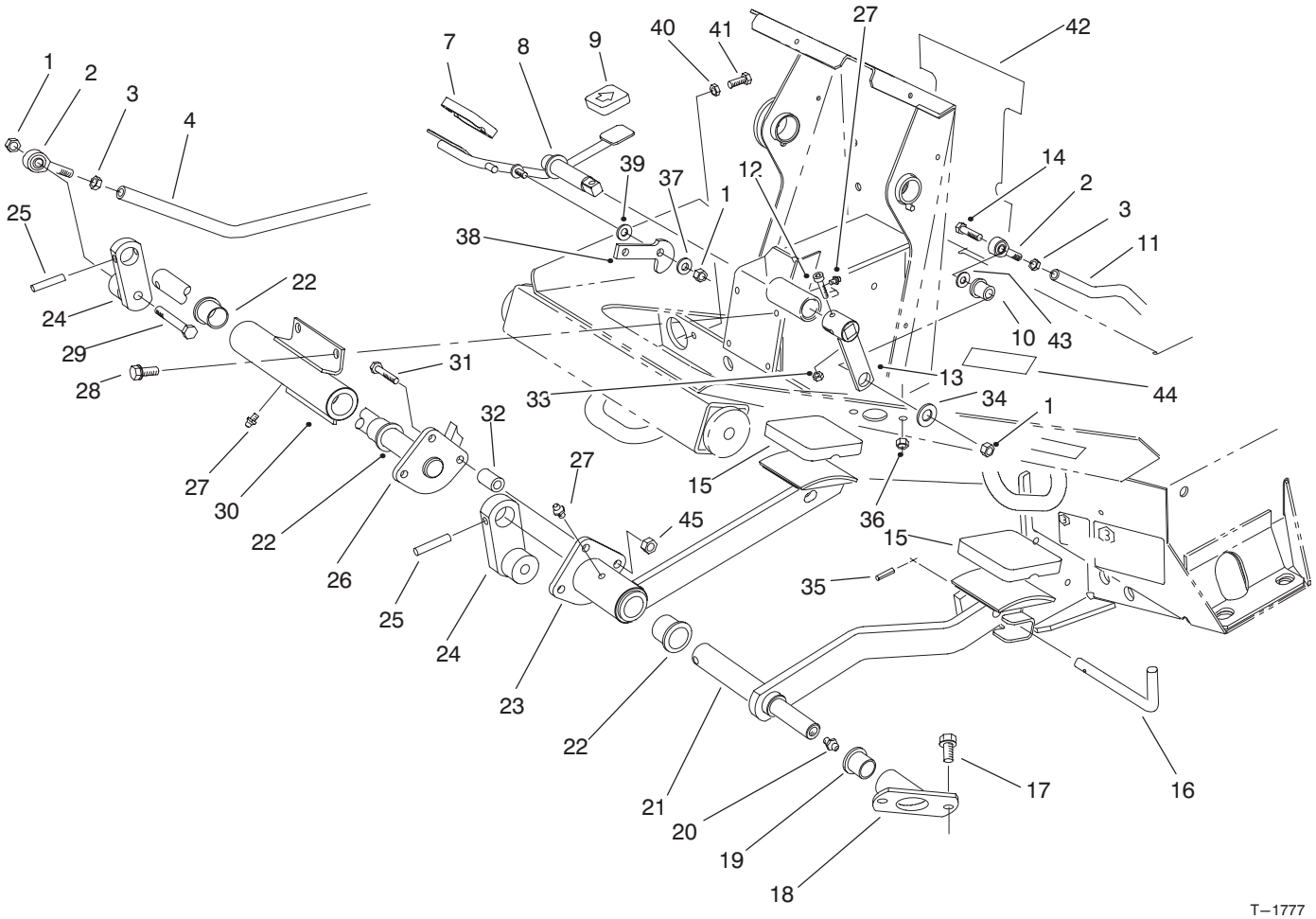


T–1491

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

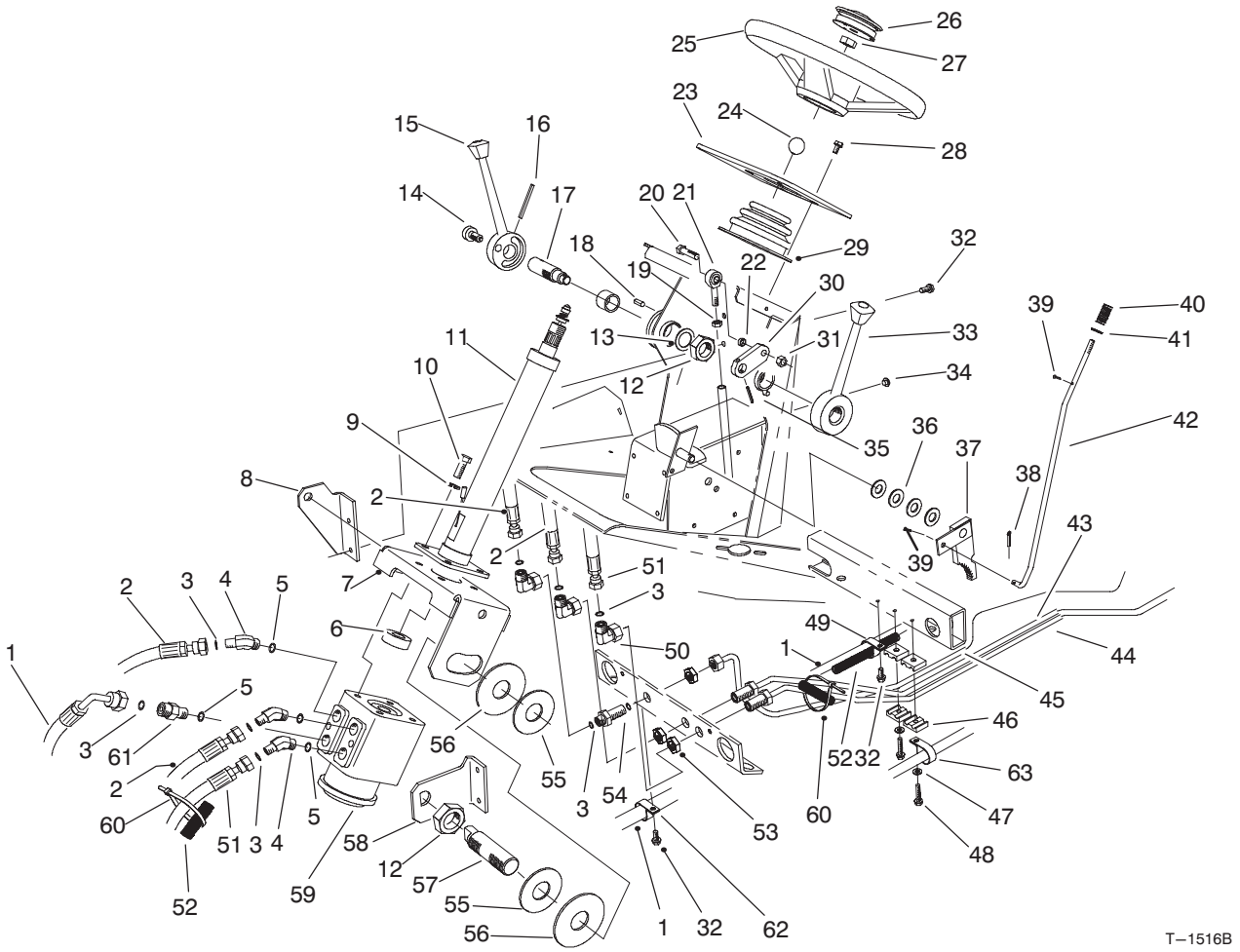


T–1777

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

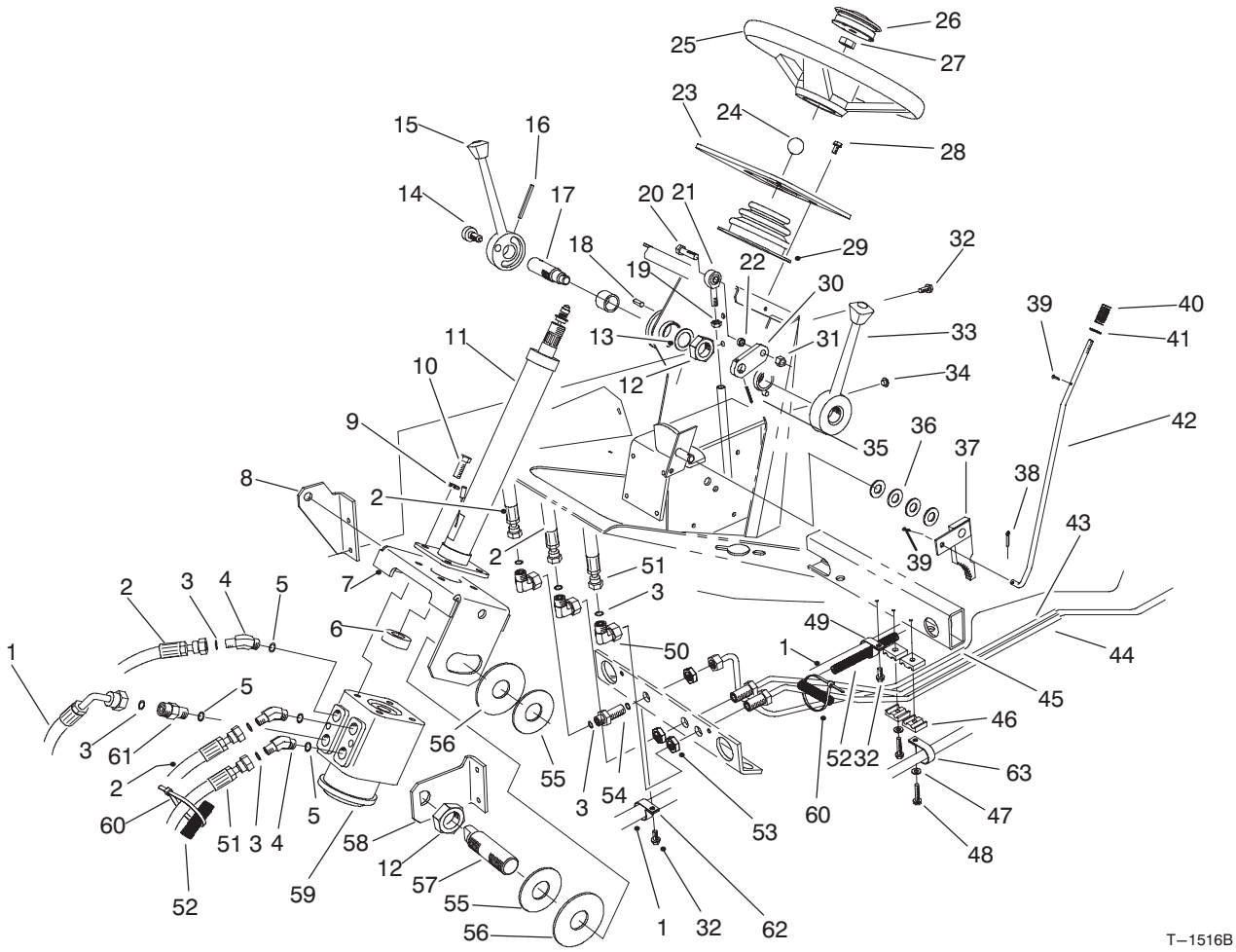
Ref. No.	Part No.	Description	No. Used
24	92–2586	Arm – Brake Linkage	2
25	32121–25	Pin – Roll	2
26	92–5806	Shaft – Brake	1
27	302–5	Fitting – Grease	3
28	32144–11	Screw – Hex. Flange Hd.	4
29	323–12	Screw – Cap Hex. Hd.	2
30	76–9030	Bearing Housing Assembly (Incl. Ref. #22 & 27)	1
31	322–21	Screw – 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	84–1470	Decal – Safety	1
43	3256–3	Washer – Flat	1
44	92–1370	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	3
5	237–79	O–Ring	4
6	21–9260	Cover – Dust	1
7	76–8140	Bracket W.A. – 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
26	72–0130	Kit – Horn	1

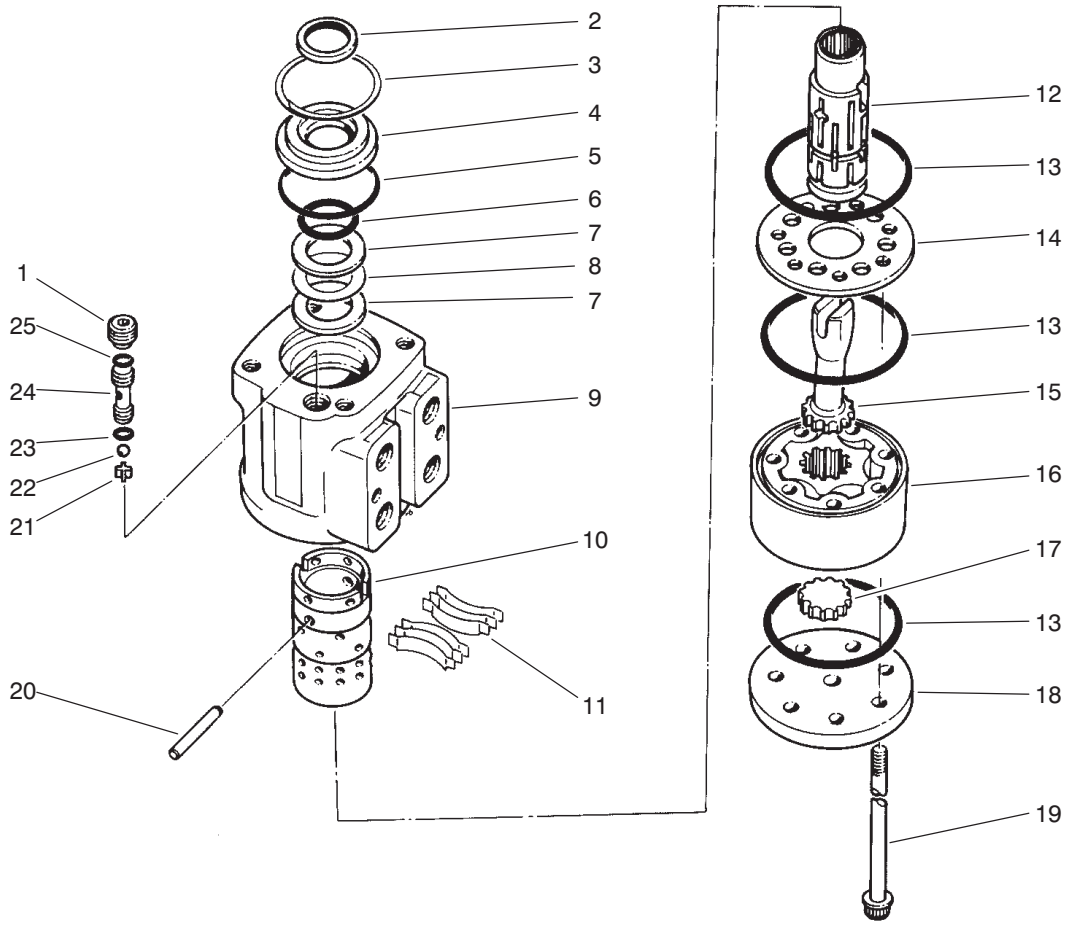
Ref. No.	Part No.	Description	No. Used
27	47–6990	Nut	1
28	32144–4	Screw – Hex. Washer Hd.	4
29	76–9450	Boot – Column, Steering	1
30	84–0680	Link – Shift	1
31	3296–59	Nut – Lock	1
32	32144–11	Screw – Hex. Washer Hd.	6
33	69–1560	Lever – Lock	1
34	2410–64	Plug – Dome	2
35	32121–6	Pin – Roll	1
36	3256–26	Washer – Flat	4
37	63–7900	Rack – Brake	1
38	3272–10	Pin – Cotter	1
39	3272–5	Pin – Cotter	2
40	3–3251	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	86–5720	Assy. – Tube, Steering	1
46	56–7973	Clamp – Tube	4
47	3256–23	Washer – Flat	2
48	32144–57	Screw – Hex. Washer Hd.	2
49	2412–74	Clamp – R	1
50	340–159	Fitting – Hydraulic	3
51	86–3210	Assembly – Hose	1
52	86–5470	Harness – Wire	1



STEERING TOWER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
53	340–70	Nut – Bulkhead	3
54	340–71	Union – Bulkhead	1
55	20–9500	Washer	2
56	31–0390	Washer – Friction	2
57	76–8340	Shaft – Pivot, Steering	1
58	76–8150	Support – Shaft, Steering	1

Ref. No.	Part No.	Description	No. Used
59	92–9729	Valve – Control, Steering	1
60	3290–378	Tie – Cable	2
61	59–6430	Valve – Check	1
62	2412–104	Clamp – R	1
63	2412–74	Clamp–R (Model 30450 Only)	1



T–1007A

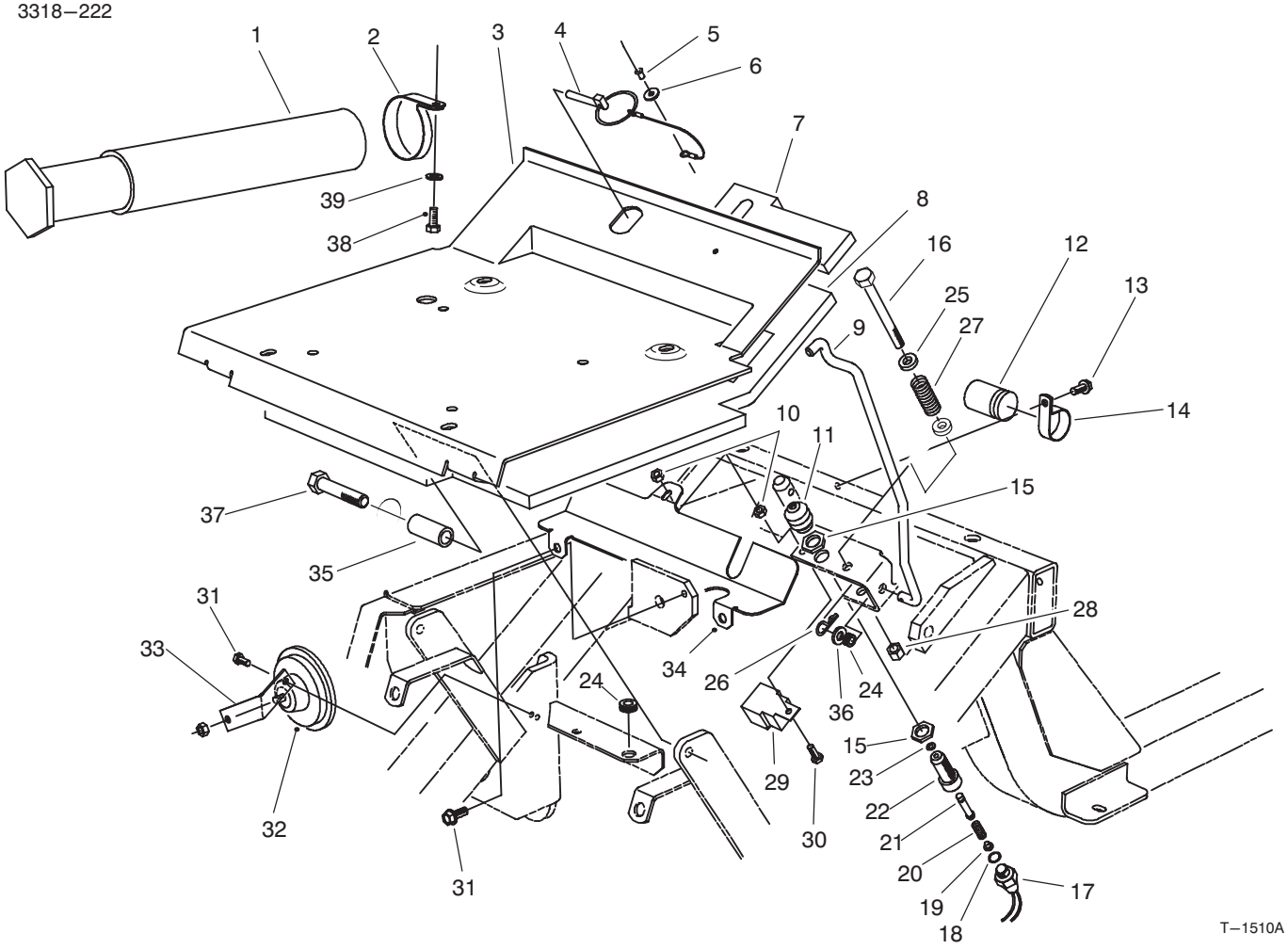
POWER STEERING VALVE NO. 92–9729

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

3318–222

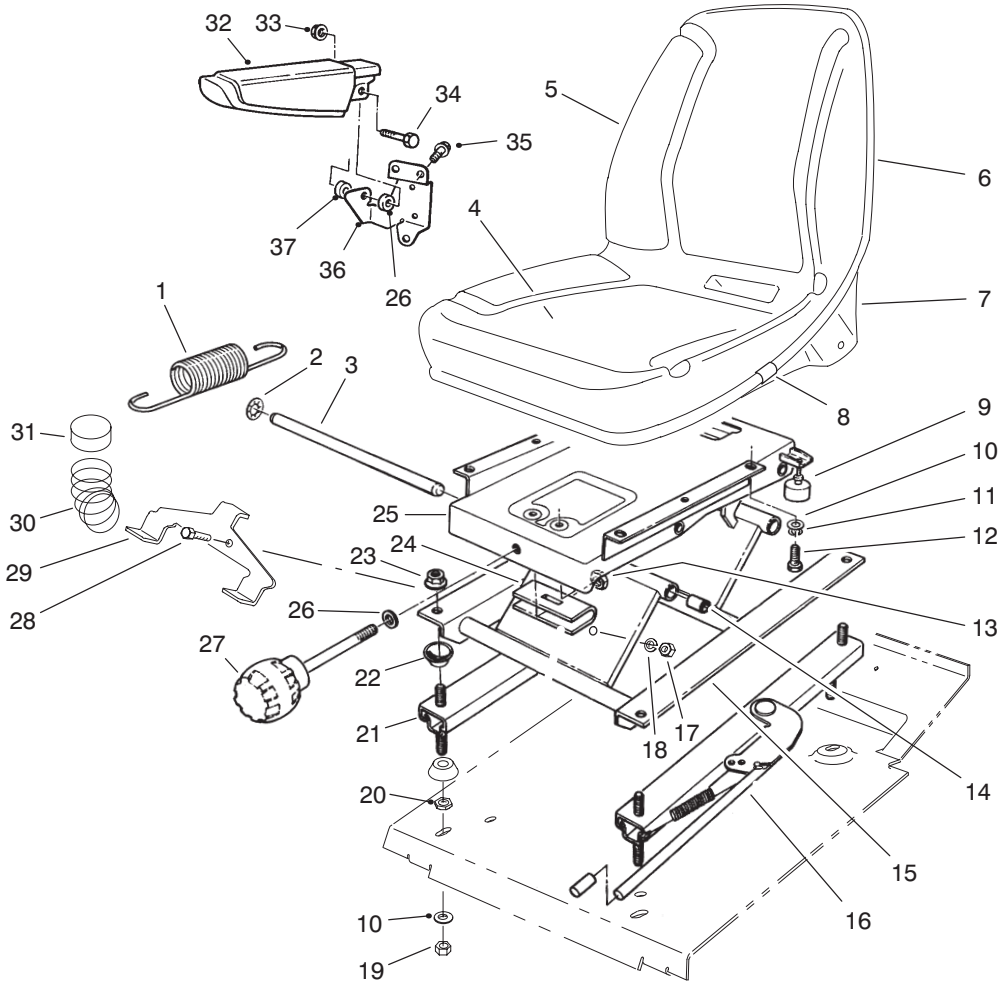


SEAT PLATE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74–0720	Tube – Manual	1
2	2412–133	Clamp – R	2
3	76–9460	Plate W. A. – 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	43–9071	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

Ref. No.	Part No.	Description	No. Used
22	43–8620	Guide – Pin, Switch	1
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
*	43–9071	Assy. – Switch, Seat (Incl. Ref. #11, 15, & 17–23)	1

*Not Illustrated



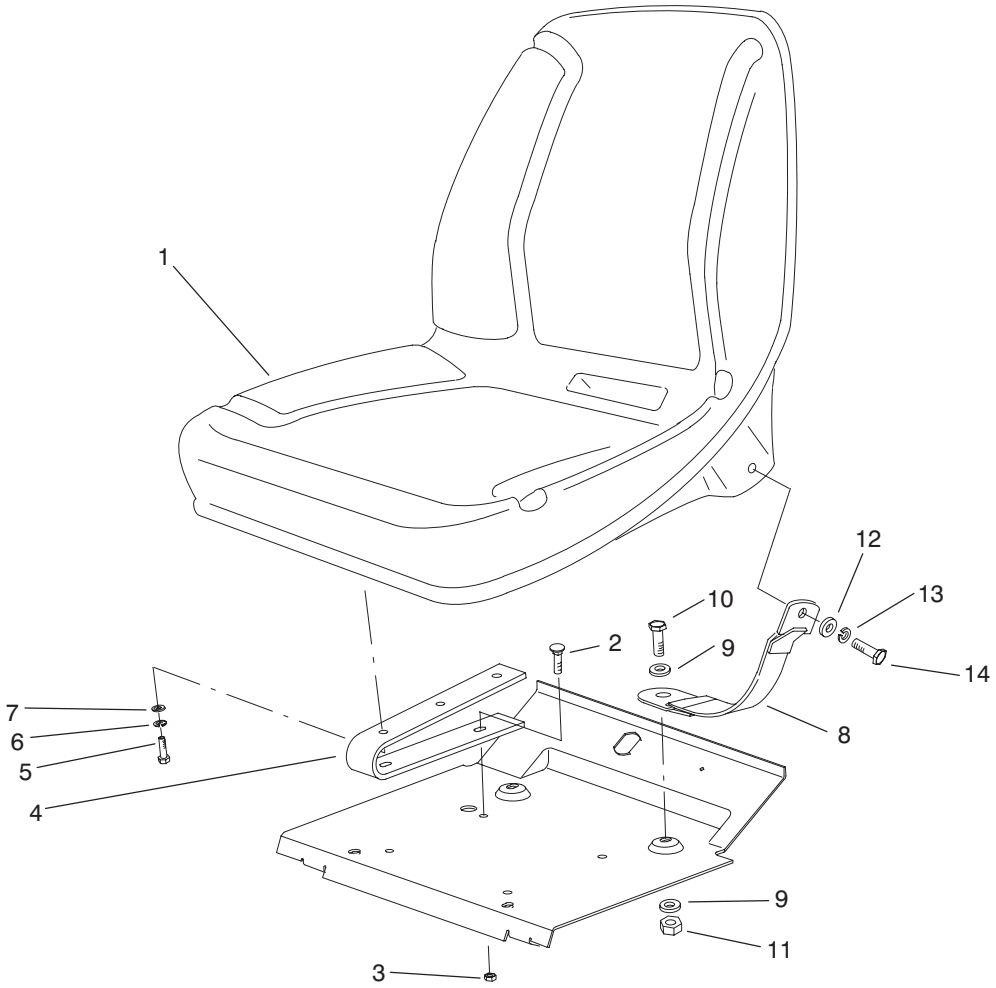
T–2244

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

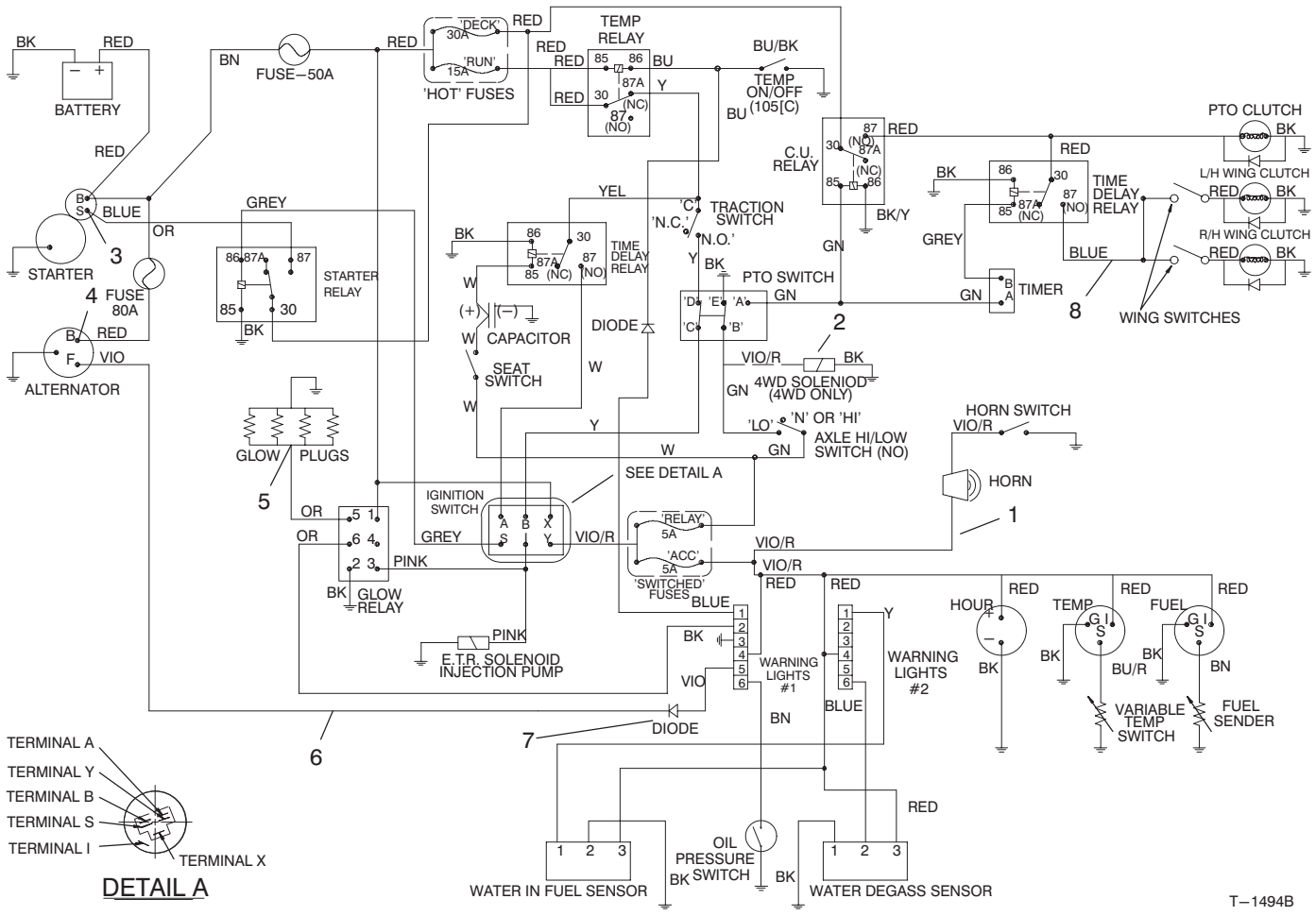


T–2245

LOW SEAT ASSEMBLY (Optional)

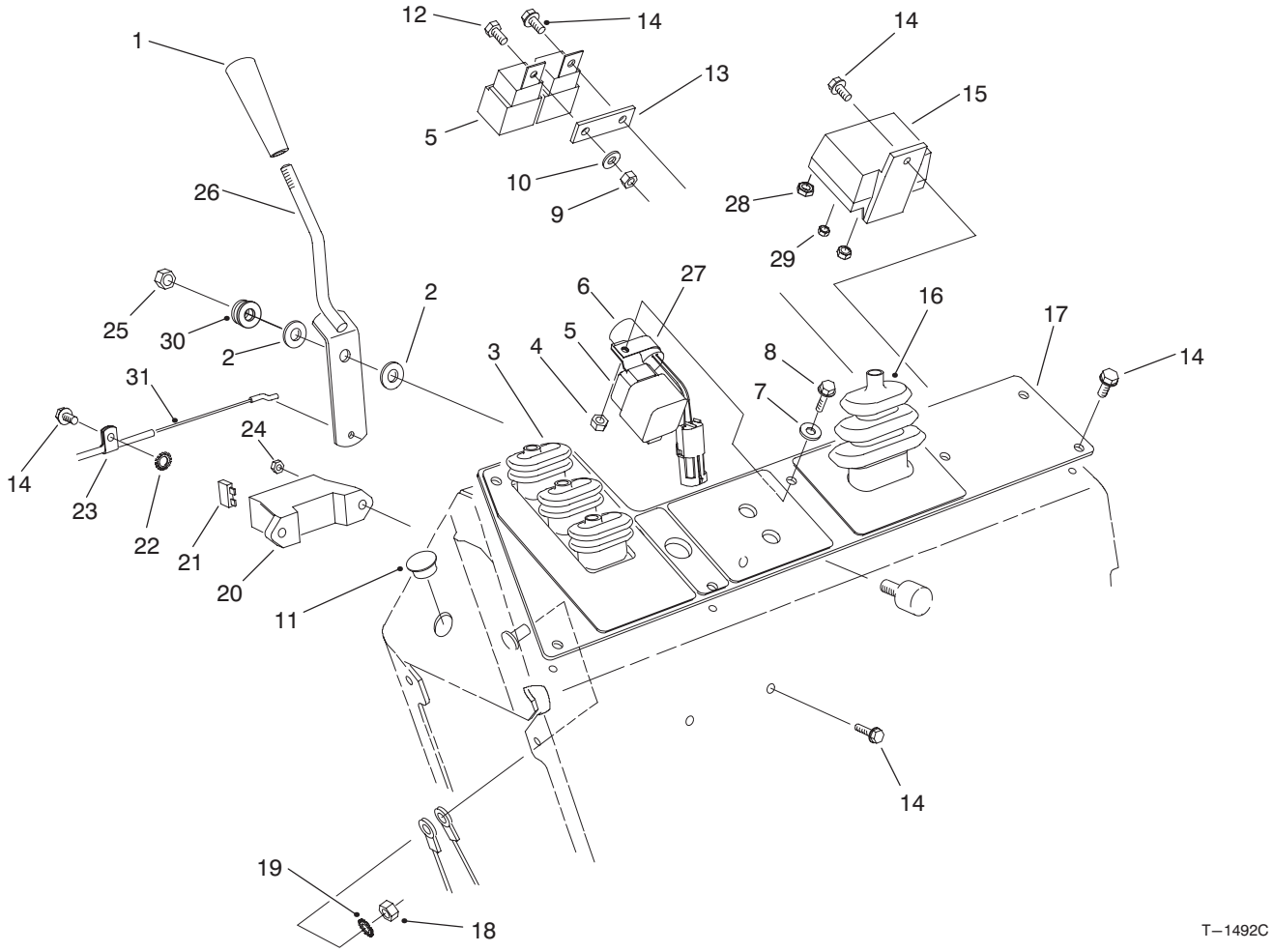
Ref. No.	Part No.	Description	No. Used
1	92–1180	Seat Assembly	1
2	3230–16	Bolt – Carriage	4
3	3296–29	Nut – Lock	4
4	68–3280	Spring – Seat	2
5	322–4	Screw – Cap Hex. Hd.	4
6	3253–4	Washer – Lock	4
7	3256–2	Washer	4

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
2	76–4880	Plug – Electrical (Model No. 30450 Only)	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
7	86–7470	Diode	4
8	86–1910	Harness – Wire, Deck	1

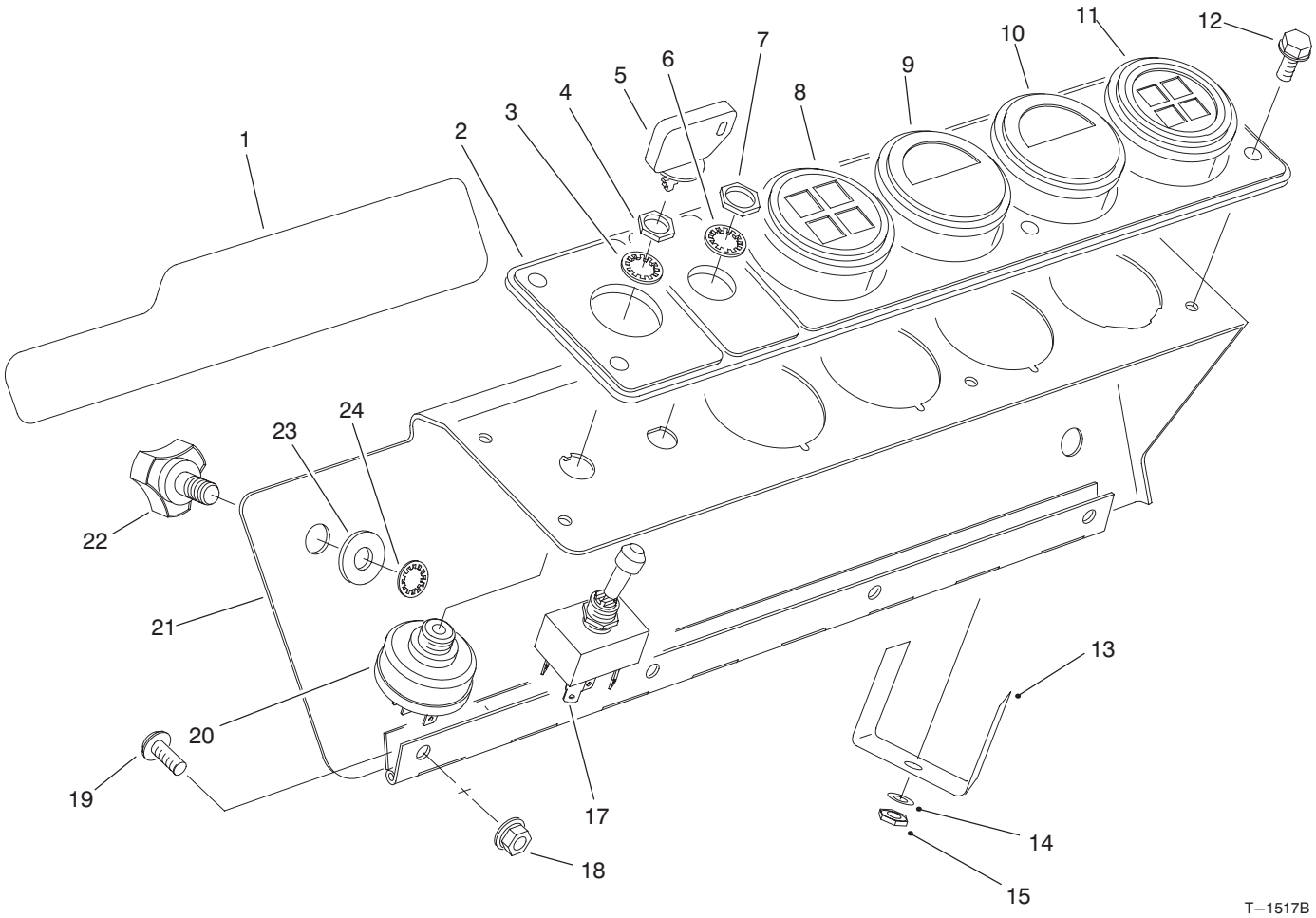


CONTROL CONSOLE ASSEMBLY

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	86–5410	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 W.A. – 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

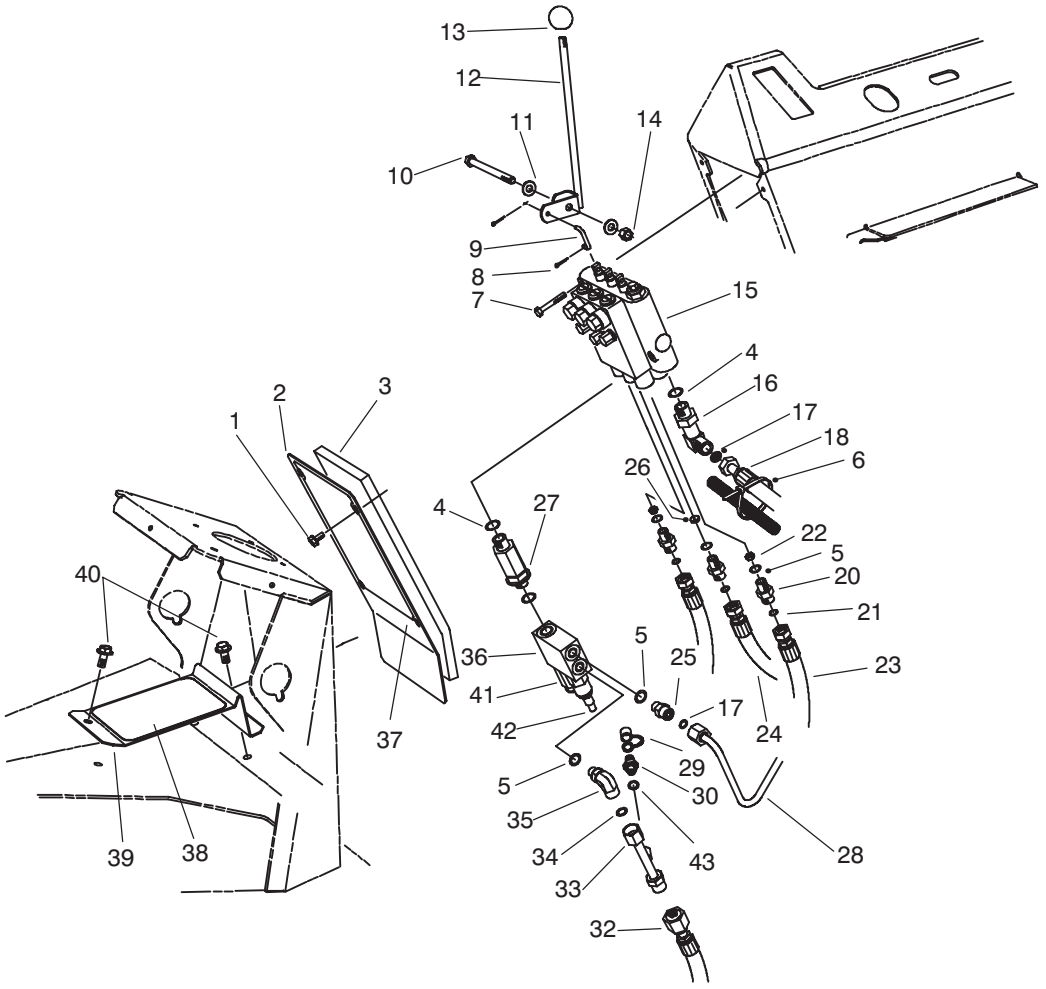


GAGE PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–6564	Decal – 4 Matic (Model 30455 Only)	1
2	84–1450	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

Ref. No.	Part No.	Description	No. Used
13		Clamp	2
14	3254–1	Washer – Lock	2
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	77–3620	Retainer – Cover	2
23	3256–3	Washer	2
24	32151–72	Retainer – Push–On	2
*25	87–6270	Socket – Light	4

*Not Illustrated



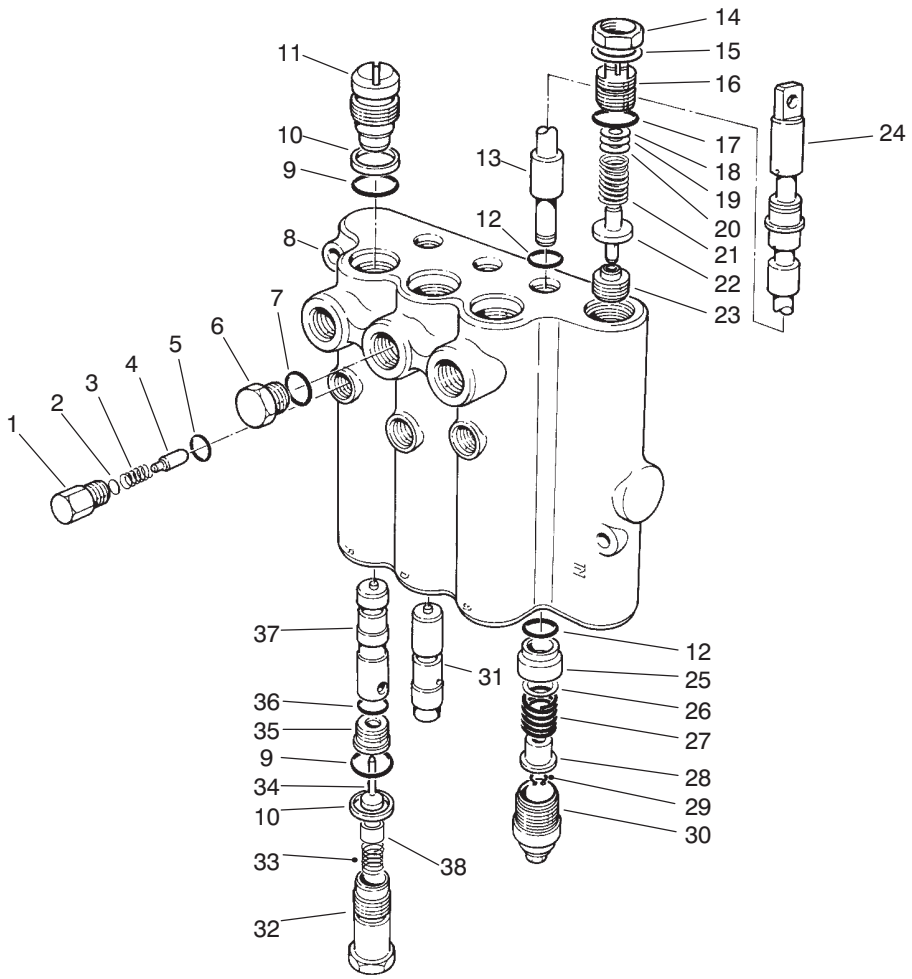
T–1504

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	4
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 W.A. – Valve, R.H.	1
*	74–6050	Lever W.A. – Valve, Center	1
*	69–7010	Lever W.A. – 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˚	1
17	237–22	O–Ring	2
18	86–3240	Assembly – Hose	1
20	88–1380	Fitting – Adapter	3
21	237–21	O–Ring	3
22	86–2501	Orifice	2

Ref. No.	Part No.	Description	No. Used
23	86–3190	Assembly – Hose	2
24	86–8130	Assembly – Hose	1
25	340–2	Fitting – Adapter	1
26	84–6402	Orifice	1
27	74–5910	Fitting – Bulkhead, Special	1
28	86–5770	Assy. Tube, Relief Valve	1
29	353–947	Cap – Fitting	1
30	354–77	Fitting – Test Port	1
32	86–3230	Assembly – Hose	1
33	86–5760	Assy. – Tube, Deck Return	1
34	237–30	O–Ring	2
35	340–99	Fitting – Hydraulic 90˚	1
36	86–5440	Valve – Relief, Dual (Incl. Ref. #41 & 42)	1
37	93–7243	Decal – Service, 2WD	1
*	93–7242	Decal – Service, 4WD	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 (for Ref. #41–42)	1

*Not Illustrated



T–0379A

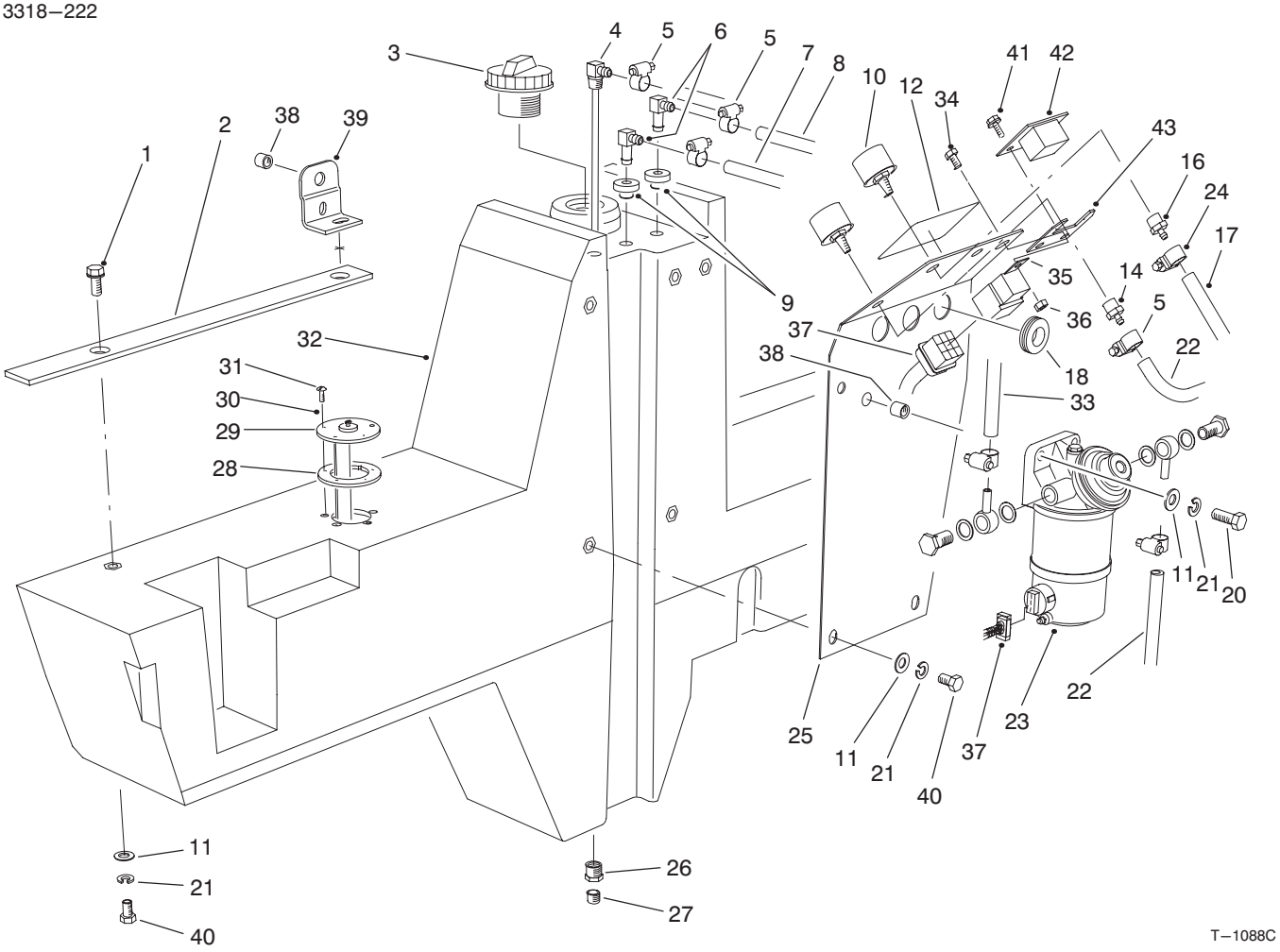
LIFT VALVE ASSEMBLY NO. 92–7762

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

3318–222

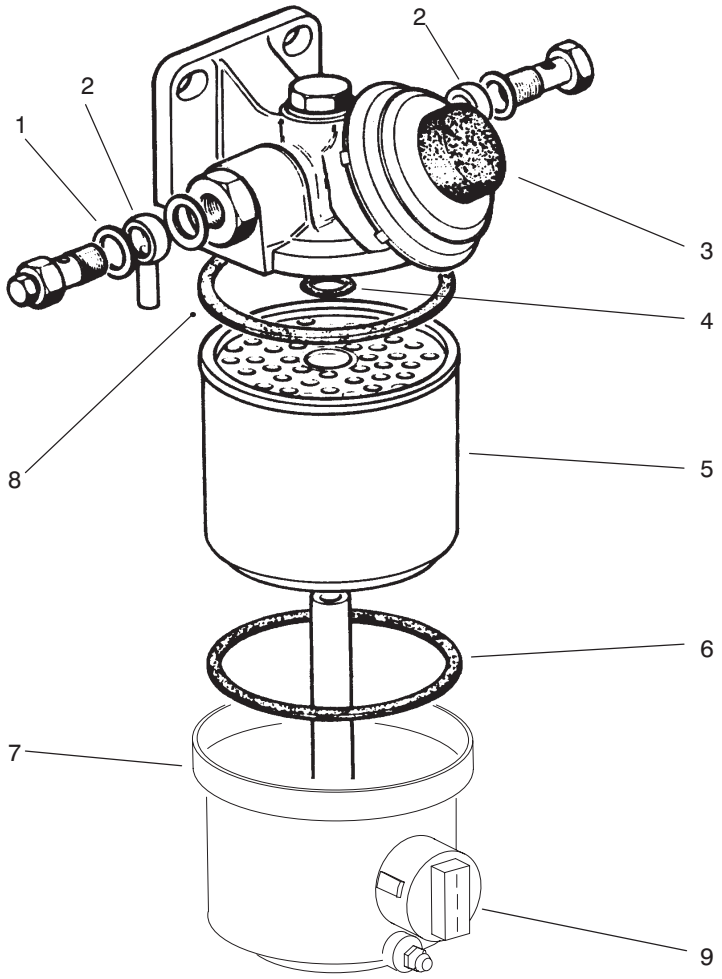


T–1088C

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	76–8780	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 Relay	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



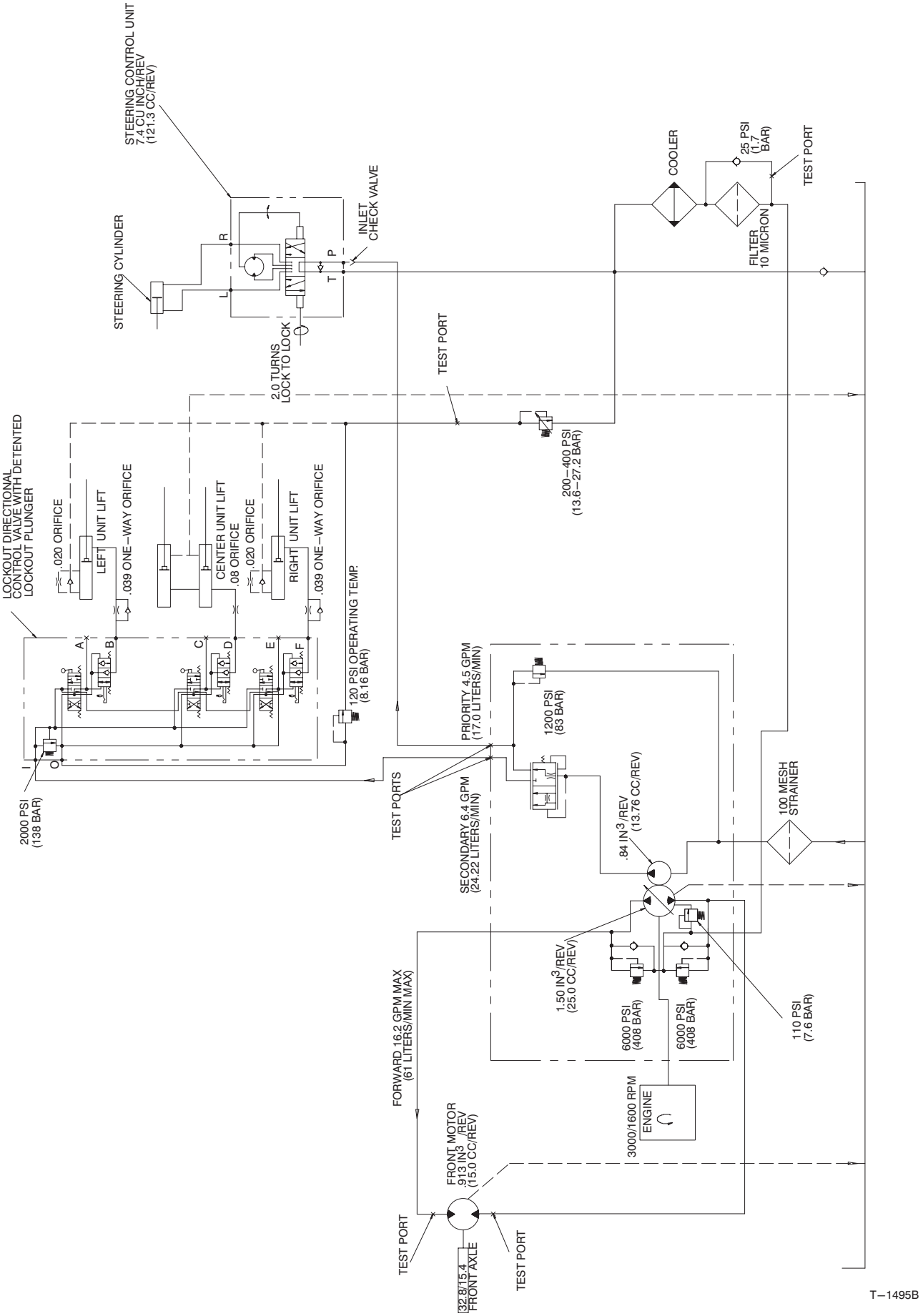
T—0966A

FUEL FILTER ASSEMBLY NO. 76—5300

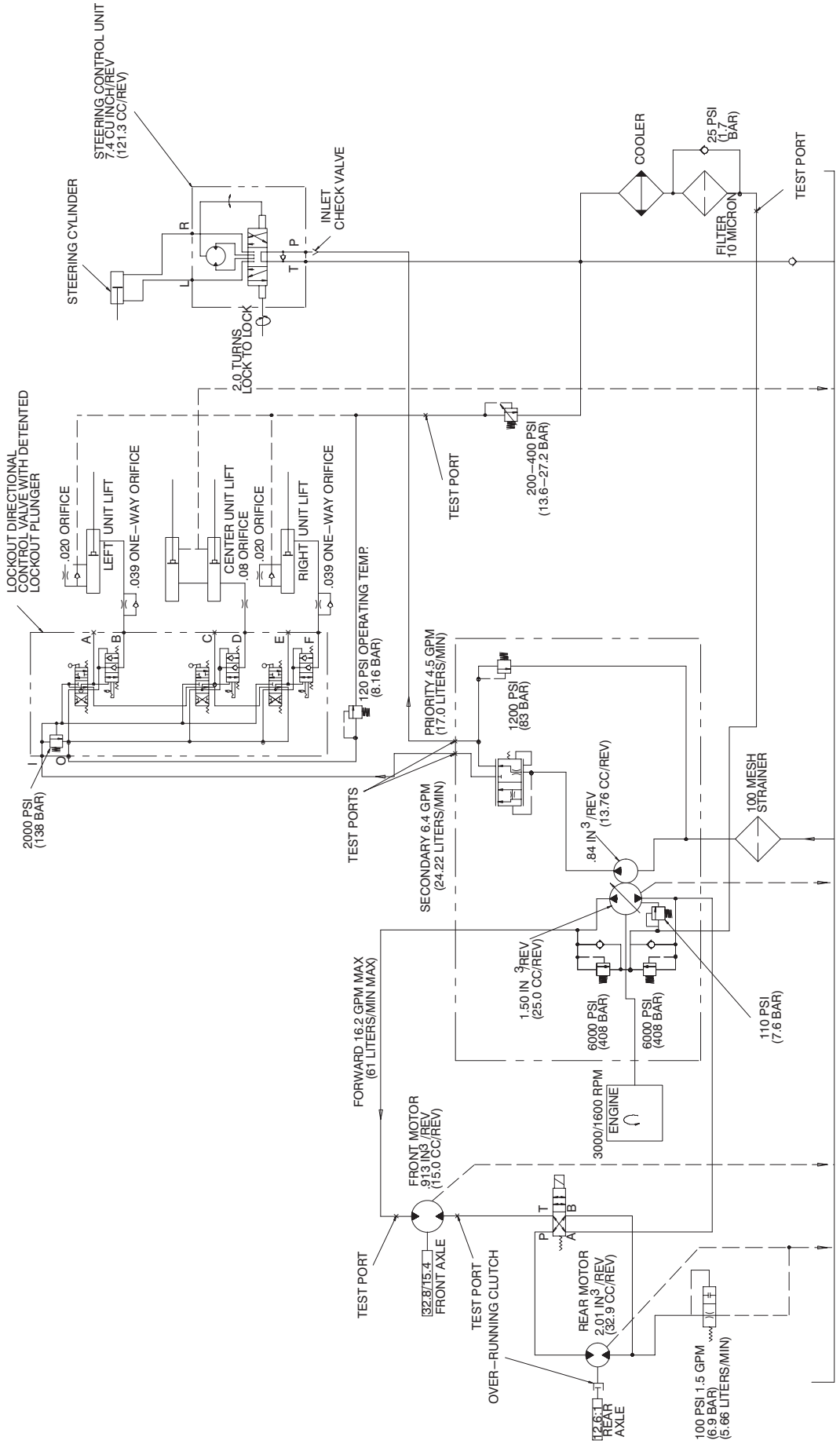
Ref. No.	Part No.	Description	No. Used
1	76—5180	Washer — Copper	4
2	76—5190	Fitting — Adjustable	2
4		Seal — O—Ring	1
5	76—5220	Element — Filter (Incl. Ref. #4. 6 & 8)	1

Ref. No.	Part No.	Description	No. Used
6		Seal — Gasket	1
7		Cap — Fuel Filter	1
8		Seal — Gasket	1
9	76—5320	Sensor — Water	1

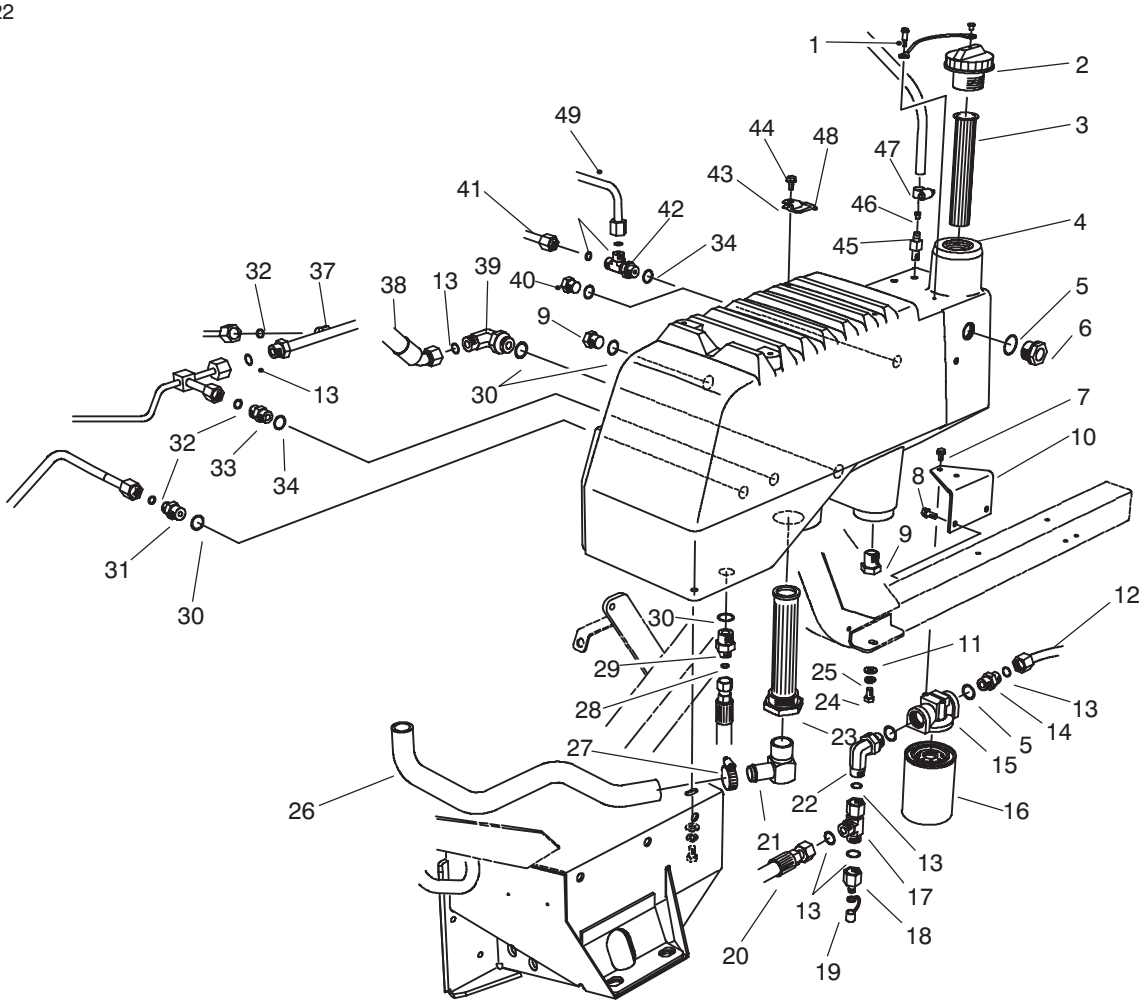
HYDRAULIC SCHEMATIC (Model No. 30450)



HYDRAULIC SCHEMATIC (Model No. 30455)



T−1496B

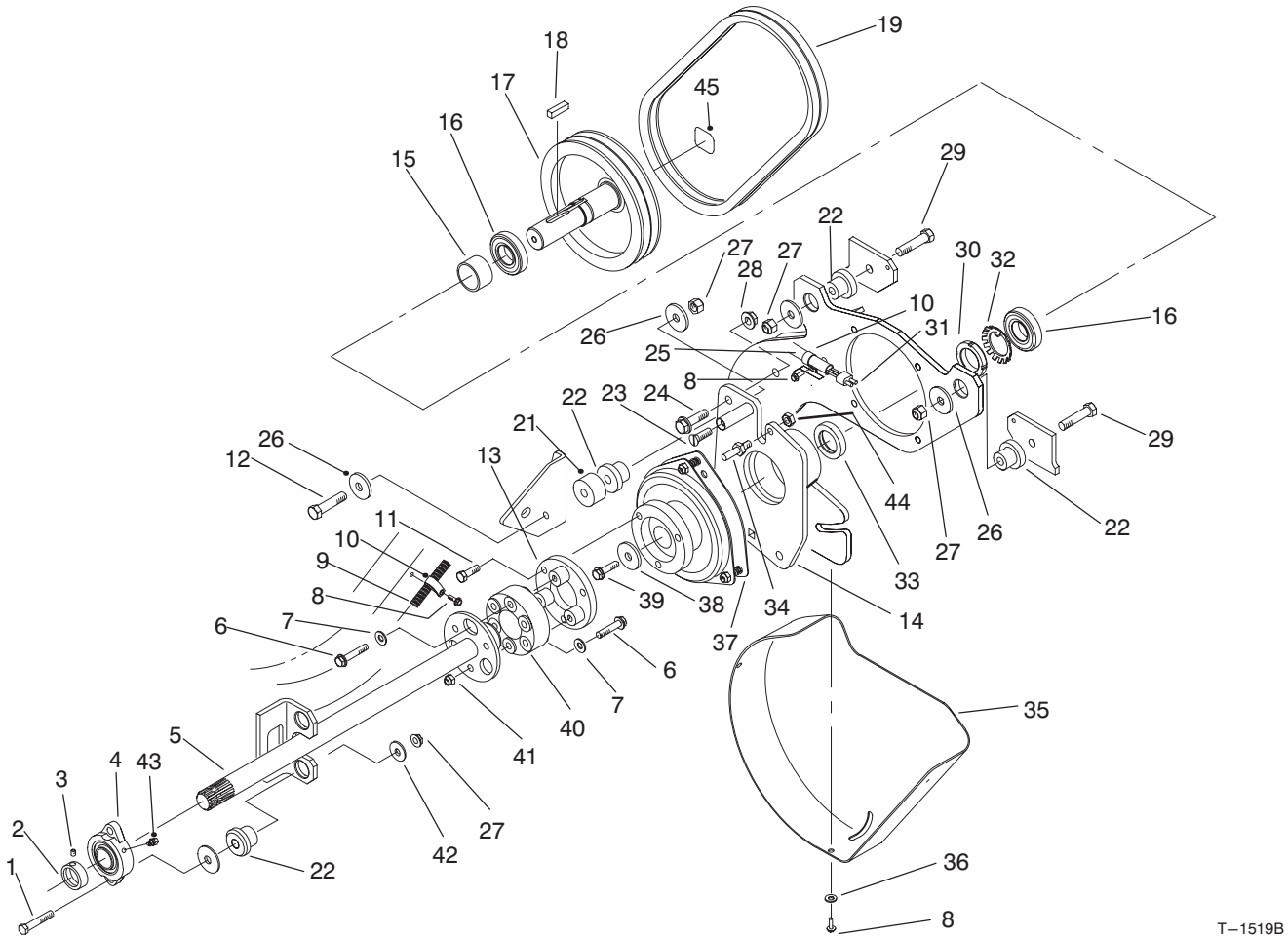


T–1509B

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	1
7	3234–13	Screw – Hex. Washer Hd.	2
8	32144–11	Screw – Hex. Washer Hd.	2
9	353–551	Plug	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	6
14	340–8	Fitting – Adapter	1
15	92–5821	Assembly – Head, Filter	1
16	86–3010	Filter – Transmission	1
17	340–147	Fitting – Hydraulic	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	1
23	75–0550	Strainer – Tank	1
24	323–5	Screw – Cap Hex. Hd.	3
25	63–8410	Washer – Flat	3

Ref. No.	Part No.	Description	No. Used
26	86–2800	Hose – Suction	1
27	2412–34	Clamp – Hose	1
28	237–22	O–Ring	1
29	340–141	Fitting – Hydraulic	1
30	237–80	O–Ring	3
31	340–6	Fitting – Adapter	1
32	237–30	O–Ring	5
33	75–9550	Valve – Check	1
34	237–79	O–Ring	3
37	94–5605	Hydraulic Tube Assembly	1
38	86–3150	Assembly – Hose	1
39	340–17	Fitting – Hydraulic 90˚	1
40	353–550	Plug (2wd Only)	1
41	74–6230	Assy. – Tube, Traction (4wd Only)	1
42	340–109	Fitting – Tee (4wd Only)	1
43	76–9950	Bracket – Ring	4
44	32144–4	Screw – Thread Forming	4
45	354–103	Male Hose Barb	1
46	74–4080	Orifice – Breather	1
47	2412–36	Clamp – Hose	1
48	249–49	Ring	4
49	86–5810	Assembly – Tube (4WD Only)	1

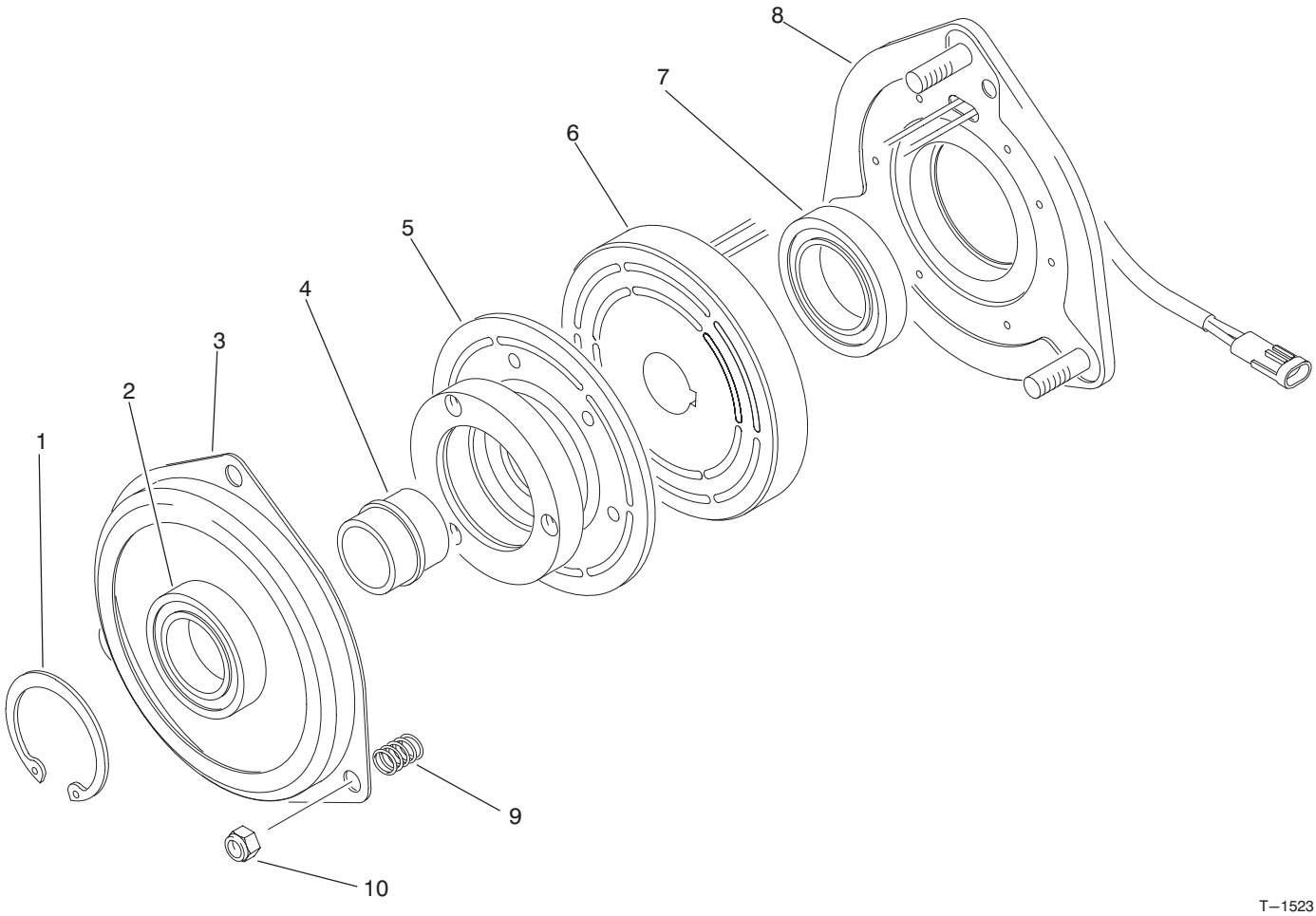


T–1519B

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	86–5470	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
25	86–3030	Cover – Wire	1
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	86–5610	Clutch	1
38	84–1580	Washer – Clutch	1
39	3234–18	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	88–8950	Decal – Warning	1

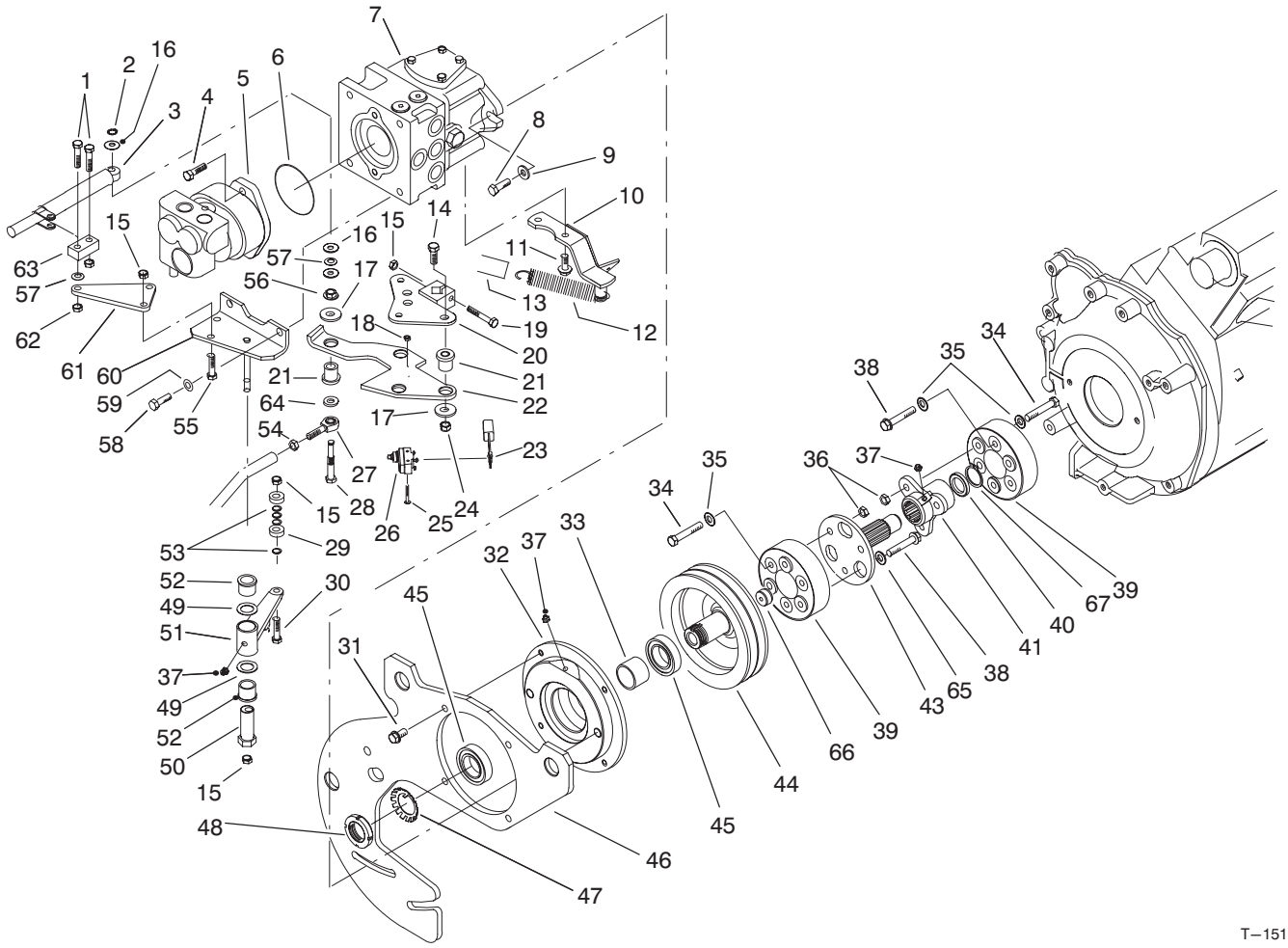


T–1523

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	88–1620	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



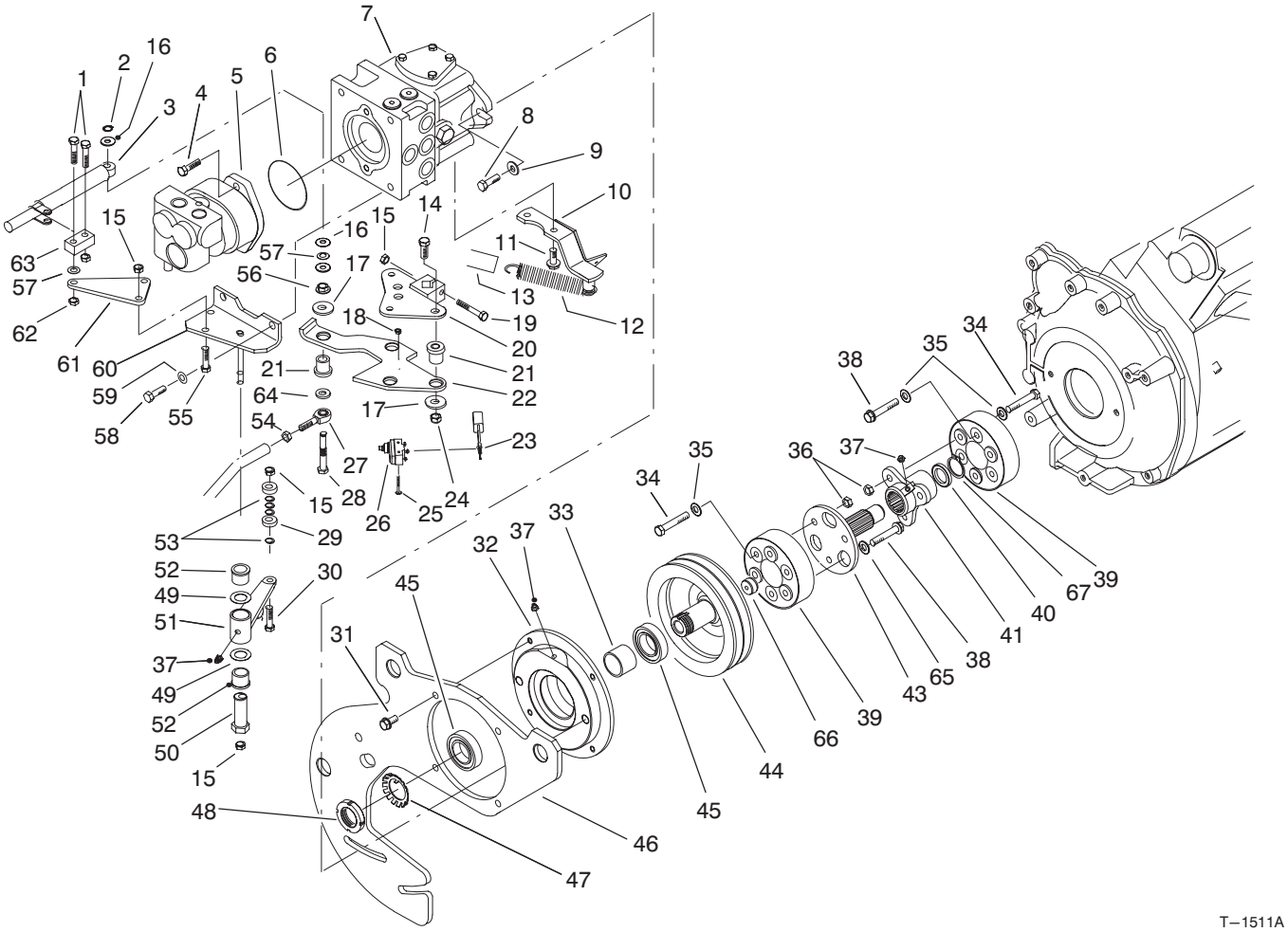
T–1511A

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	92–7761	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 W.A. – 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 W.A. – 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

3318–222

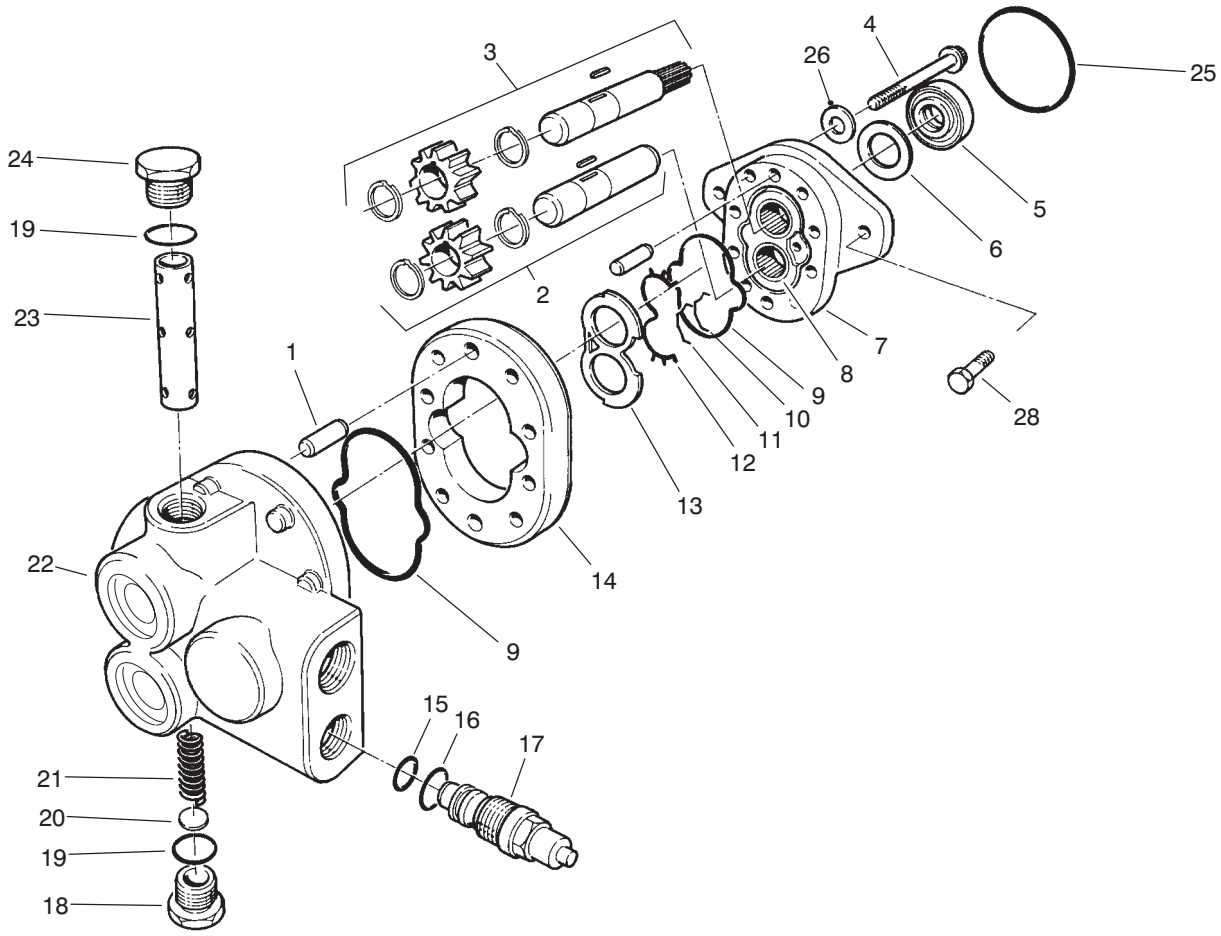


T–1511A

HYDRAULIC PUMP INSTALLATION ASSEMBLY (Cont.)

Ref. No.	Part No.	Description	No. Used
53	75–5470	Washer	4
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	84–1500	Bracket W.A. – Neutral	1

Ref. No.	Part No.	Description	No. Used
61	82–5240	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



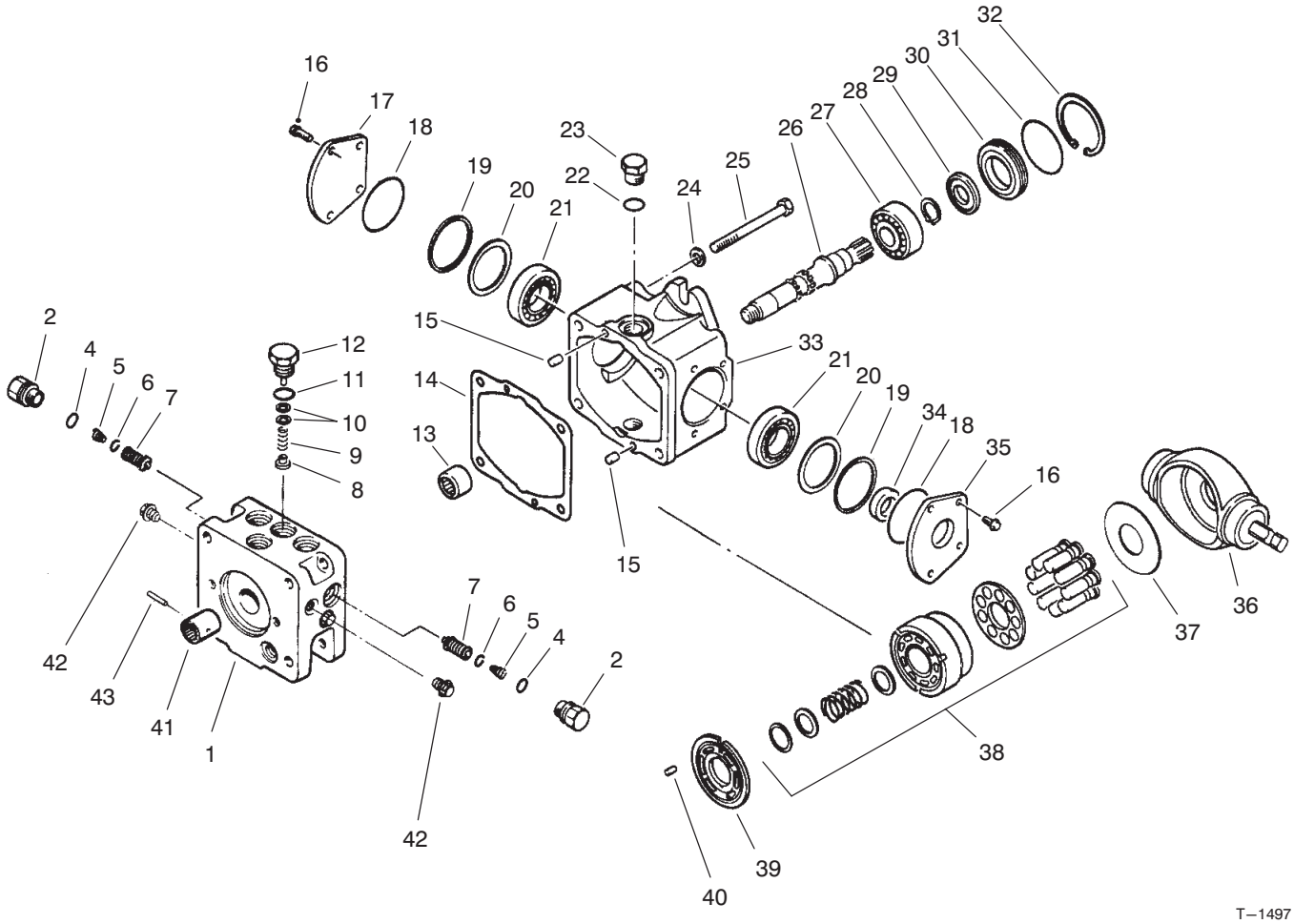
T–0995A

GEAR PUMP ASSEMBLY NO. 92–7761

Ref. No.	Part No.	Description	No. Used
†1		Pin–Dowel	4
2	88–3740	Idler Gear Assembly	1
3	88–3750	Drive Gear Assembly	1
4	88–3760	Capscrew	8
5	49–2640	Seal–Shaft	1
6	60–5890	Washer	1
7	49–2660	Frontplate Assembly (Incl. Ref. #8)	1
†8		Bearing – Needle	2
9	56–6710	Seal – O–Ring	2
10	49–2680	Seal – O–Ring (Molded)	1
11	49–2700	Seal–Bearing	1
12	49–2690	Gasket–Backup	1
13	49–2670	Plate–Wear	1
14	88–3730	Body Assembly (Incl. Ref. #1)	1
†15		Seal – O–Ring	1

Ref. No.	Part No.	Description	No. Used
†16		Seal – O–Ring	1
17	74–9000	Relief Valve Assy. (Incl. Ref. #15 & 16)	1
18	60–5710	Plug Assembly (Incl Ref. #19)	1
†19		O–Ring	2
20	60–5730	Disc	1
21	88–3770	Spring	1
†22	92–7783	Backplate Assembly	1
†23	74–8990	Spool Assembly	1
24	60–5860	Plug Assembly (Incl. Ref. #19)	1
25	237–161	O – Ring	1
26	74–8920	Washer – Copper	4
28	323–7	Screw–Cap, Hex. Hd.	2
*	74–9020	Backplate Repair Kit	1
*	74–9010	Kit – Seal	1

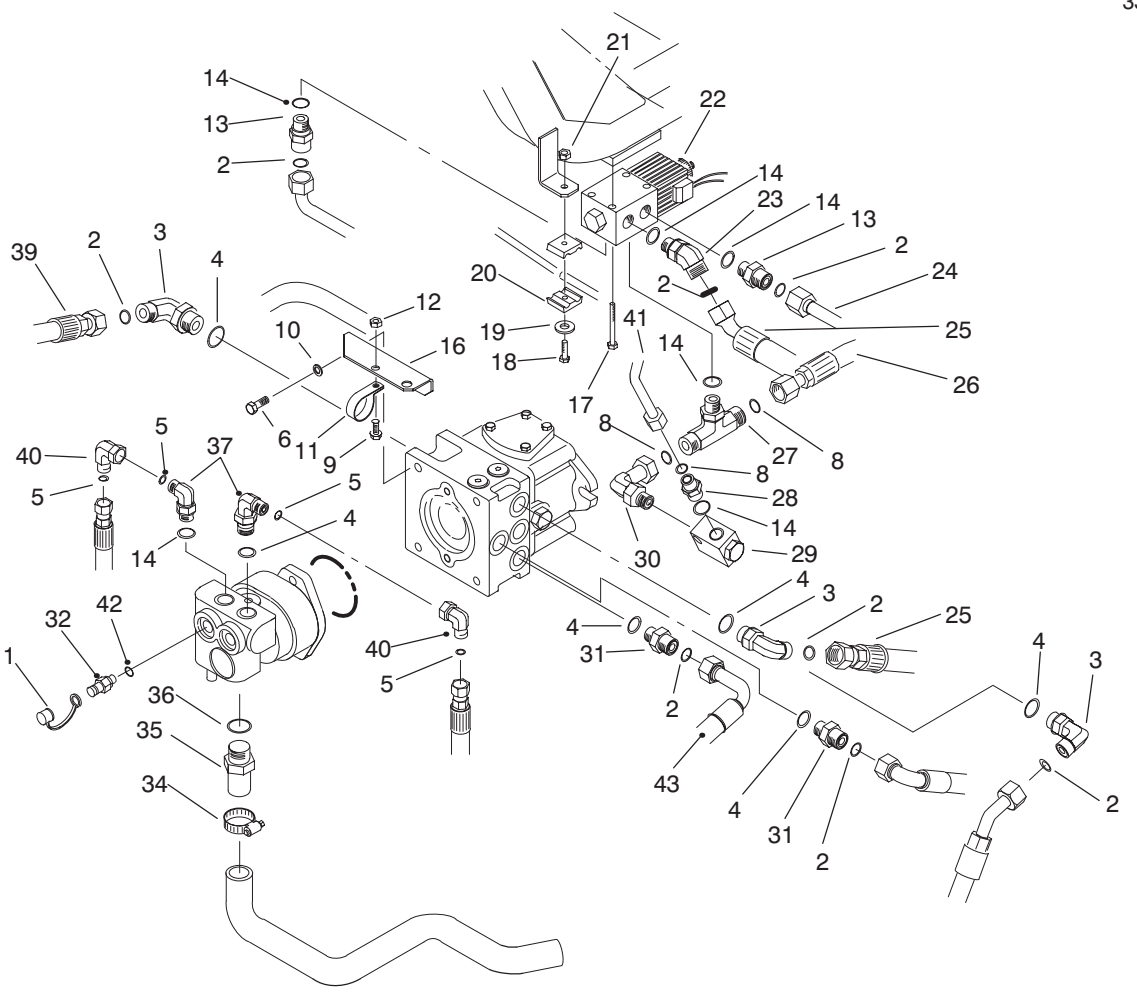
*Not Illustrated
†Not Serviced Separately



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

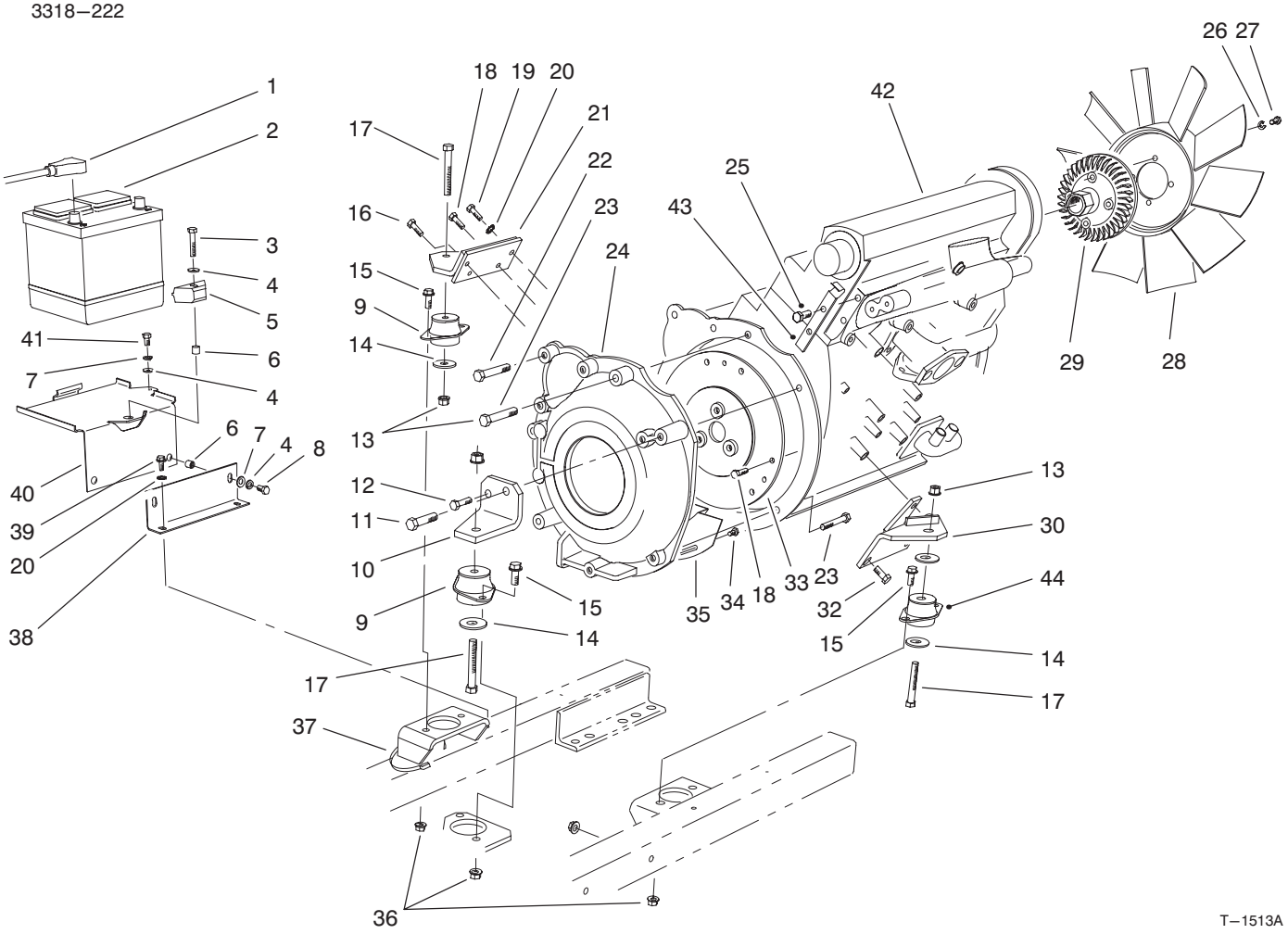


HYDRAULIC PUMP FITTINGS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	353–947	Cap – Fitting	2
2	237–65	O–Ring	8
3	340–17	Fitting – Hydraulic 90˚	2
4	237–80	O–Ring	6
5	237–22	O–Ring	4
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˚ (Model 30455 Only)	2
14	237–79	O–Ring (Model 30455 Only)	6
16	88–1290	Bracket – Rod, Seat	1
17	321–15	Screw – Cap Hex. Hd. (Model 30455 Only)	2
18	322–6	Screw – Cap Hex. Hd.	1
19	3256–23	Washer – Flat	1
20	56–7973	Clamp	2
21	3296–47	Nut – Lock	1
22	76–9970	Valve – 4 WD (Model 30455 Only)	1
23	340–55	Fitting – Hydraulic 45˚ (Model 30455 Only)	1
24	86–2770	Assembly – Tube, Traction (Model 30455 Only)	1

Ref. No.	Part No.	Description	No. Used
25	92–5828	Assembly – Hose (Model 30455 Only)	1
26	86–2710	Assembly – Hose, Rear (Model 30455 Only)	1
27	340–157	Fitting – Tee (Model 30455 Only)	1
28	340–4	Fitting – Hydraulic (Model 30455 Only)	1
29	84–0720	Valve – Velocity (Model 30455 Only)	1
30	340–165	Fitting – Hydraulic (Model 30455 Only)	1
31	340–7	Fitting – Hydraulic	2
32	354–77	Fitting – Test Port	2
34	2412–34	Clamp – Hose	1
35	354–78	Connector – Hose	1
36	237–146	O–Ring	1
37	340–18	Fitting – Hydraulic 90˚	2
38	86–5500	Assembly – Hose	1
39	86–3150	Assembly – Hose	1
40	340–159	Fitting – Hydraulic 90˚ (Incl. Ref. #5)	2
41	86–5810	Assembly – Tube (Model 30455 Only)	1
42	237–78	O–Ring	2
43	92–5830	Assembly – Hose	1

*Not Illustrated

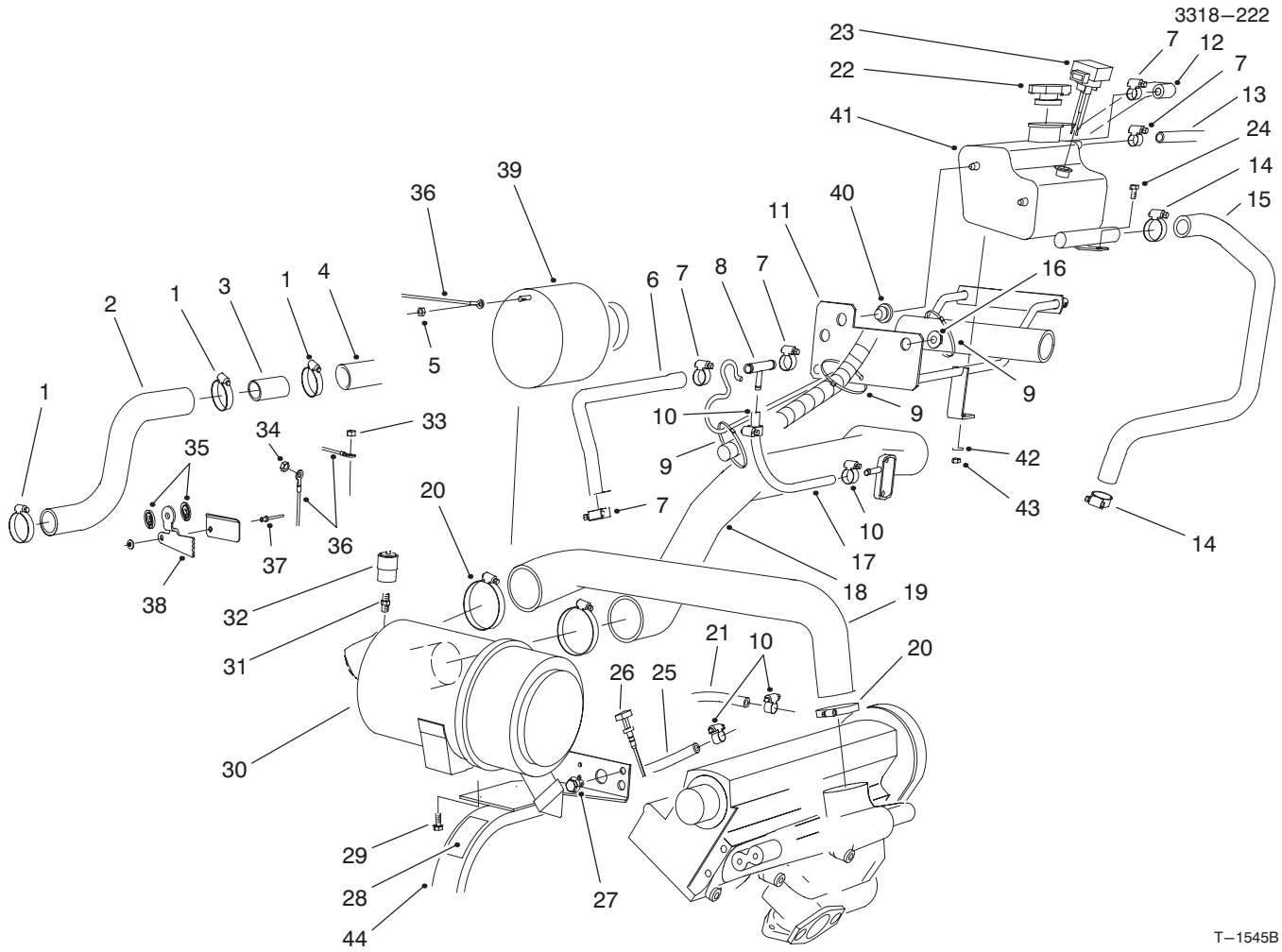


ENGINE & BATTERY INSTALLATION ASSEMBLY

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	48–9460	Screw – Cap Hex. Hd.	1
17	324–12	Screw – Cap Hex. Hd.	3
18	48–7700	Screw – Cap Hex. Hd.	8
19	48–7730	Screw – Cap Hex. Hd.	1
20	3255–8	Washer – Lock, Ext. Tooth	2
21	76–4120	Mount W.A. – Engine	1
22	48–7810	Screw – Cap Hex. Hd.	3
23	48–7570	Screw – Cap Hex. Hd.	3

Ref. No.	Part No.	Description	No. Used
24	84–0760	Adapter – Pump to Engine	1
25	94–5624	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 W.A. – 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	9
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

*Not Illustrated
†Obtain Locally

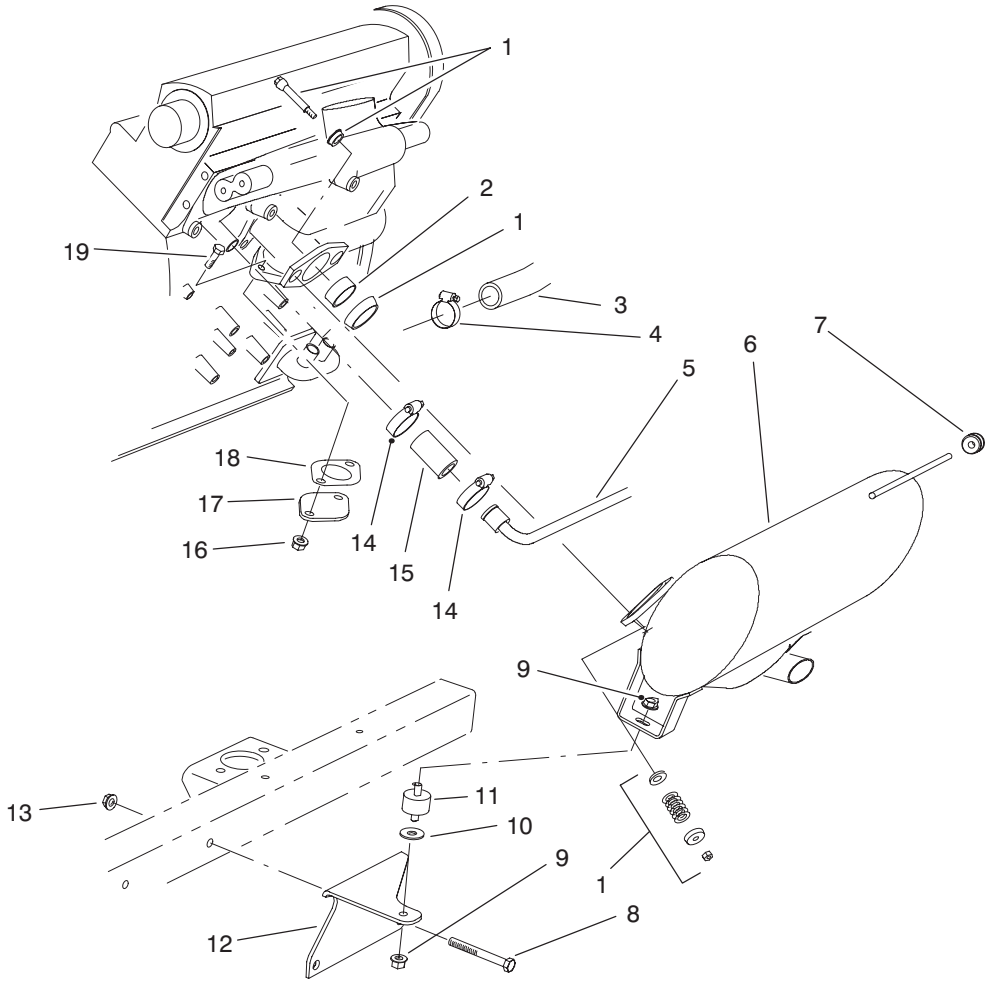


ENGINE PLUMBING ASSEMBLY

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
5	48–7890	Nut – Hex.	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	93–7223	Hose – Intake	1
19	93–7224	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	93–7572	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	83–9150	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.	2
35	86–2990	Mount – Throttle Cable	2
36	94–5623	Wire Harness – Main	1
37	3290–282	Rivet – Pop	1
38	94–1421	Coupling – Center, Spring	1
39	93–4233	Engine Assembly	1
†40	94–2801	Grommet – Rubber	2
†41	93–7571	Box – Degassing	1
42	33093–00	Washer – Flat	1
43	33023–00	Nut – Lock, Nylon Insert	1
44	93–7236	Bracket – Support	1

† Furnished with engine.

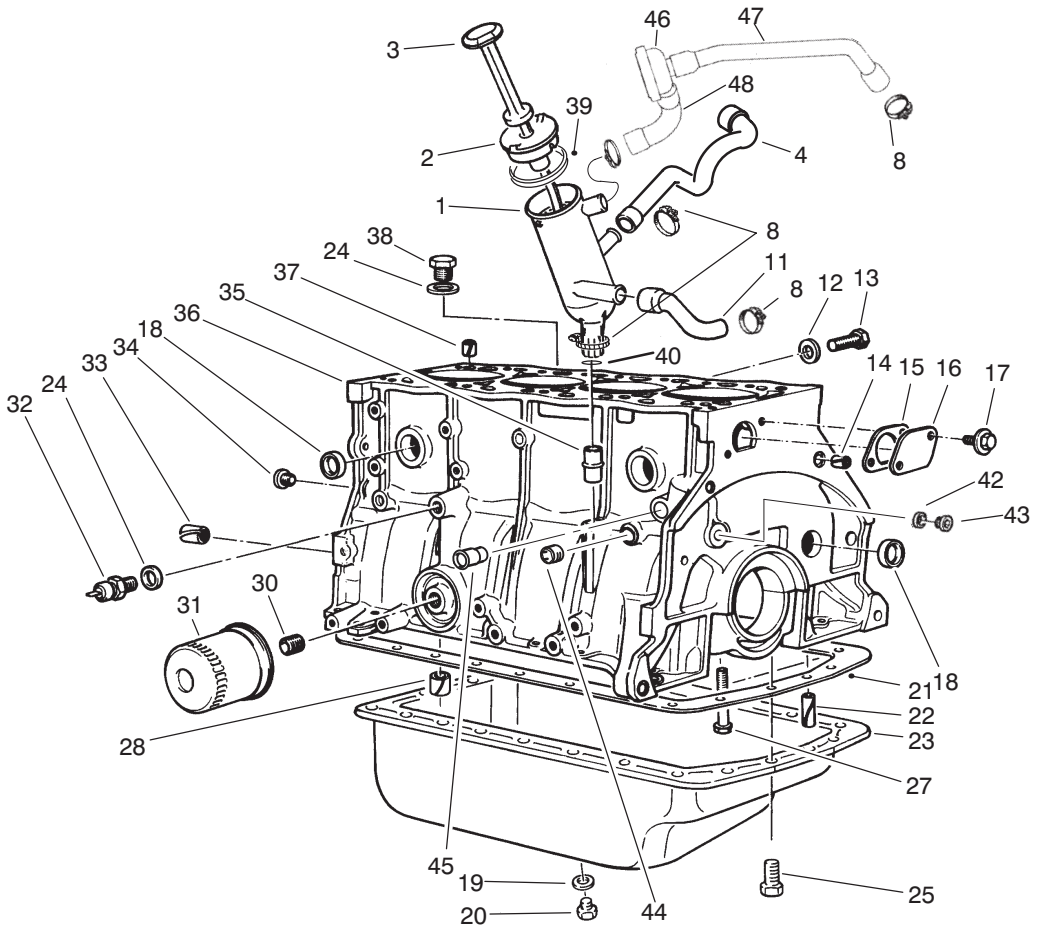


T–1544B

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	93–7246	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



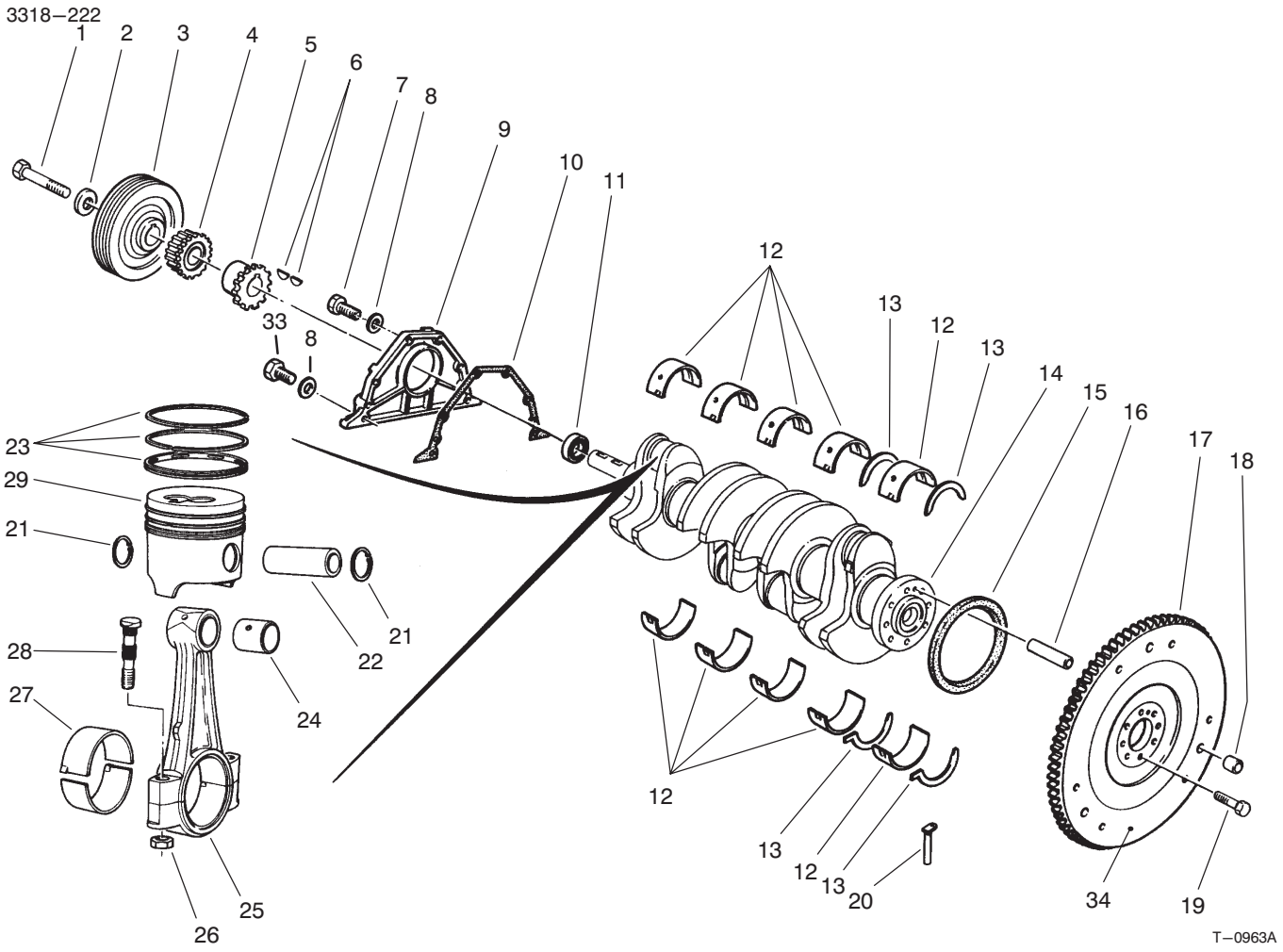
T—2142A

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
*	94—3101	Gasket Set (Without Head Gasket)	1

*Not Illustrated

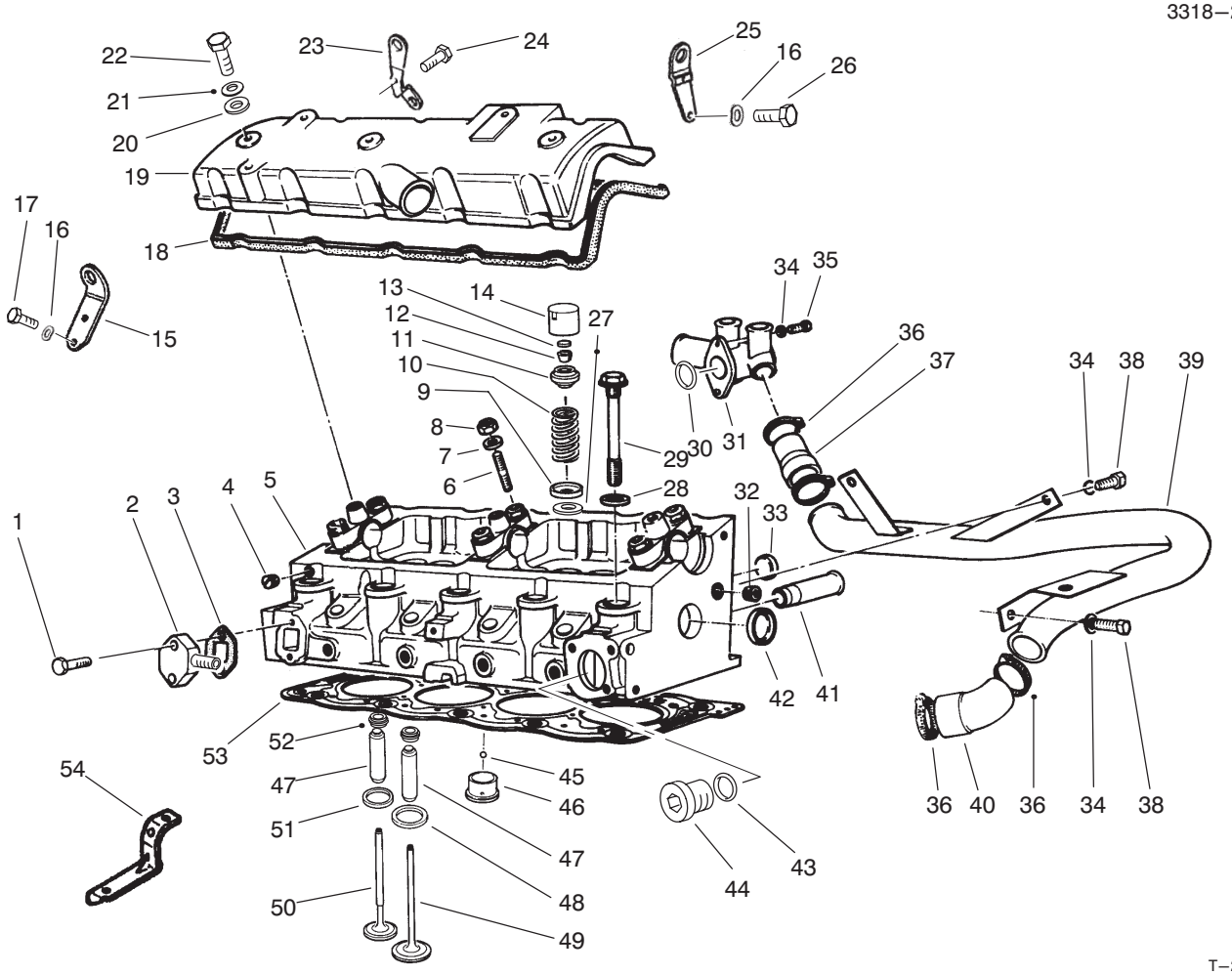


CRANKSHAFT ASSEMBLY

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.)	2
*	74–8180	Bearing Set (.30mm OS)	2
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
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

Ref. No.	Part No.	Description	No. Used
22	74–8310	Pin – Piston	4
23	94–3158	Piston Ring Set Std.	4
*	74–8320	Piston Ring Set – 0.20 mm	4
*	74–8330	Piston Ring Set – 0.50 mm	4
*	74–8340	Piston Ring Set – 0.80 mm	4
24	94–3154	Bushing – Sleeve	4
25	94–3153	Rod – Connecting	4
26		Nut – Hex.	8
27	74–8380	Bearing – Connecting Rod (Std.)	4
*	94–3155	Bearing – Connecting Rod (49.7mm ID)	4
28	74–8400	Bolt – Connecting Rod (Incl. Ref. #26)	8
29	94–3157	Piston Set – Std. (Incl. Ref. #21–23)	1
29	74–8420	Piston Set – Stage #1 (83.13mm OD) (Incl. Ref. #21–23)	1
*	74–8430	Piston Set – Stage #2 (83.43mm OD) (Incl. Ref. #21–23)	1
*	74–8440	Piston Set – Stage #3 (83.73mm OD) (Incl. Ref. #21–23)	1
33	94–3152	Screw – Cap Hex. Hd.	2
34	74–8260	Flywheel	1

*Not Illustrated



T–2148A

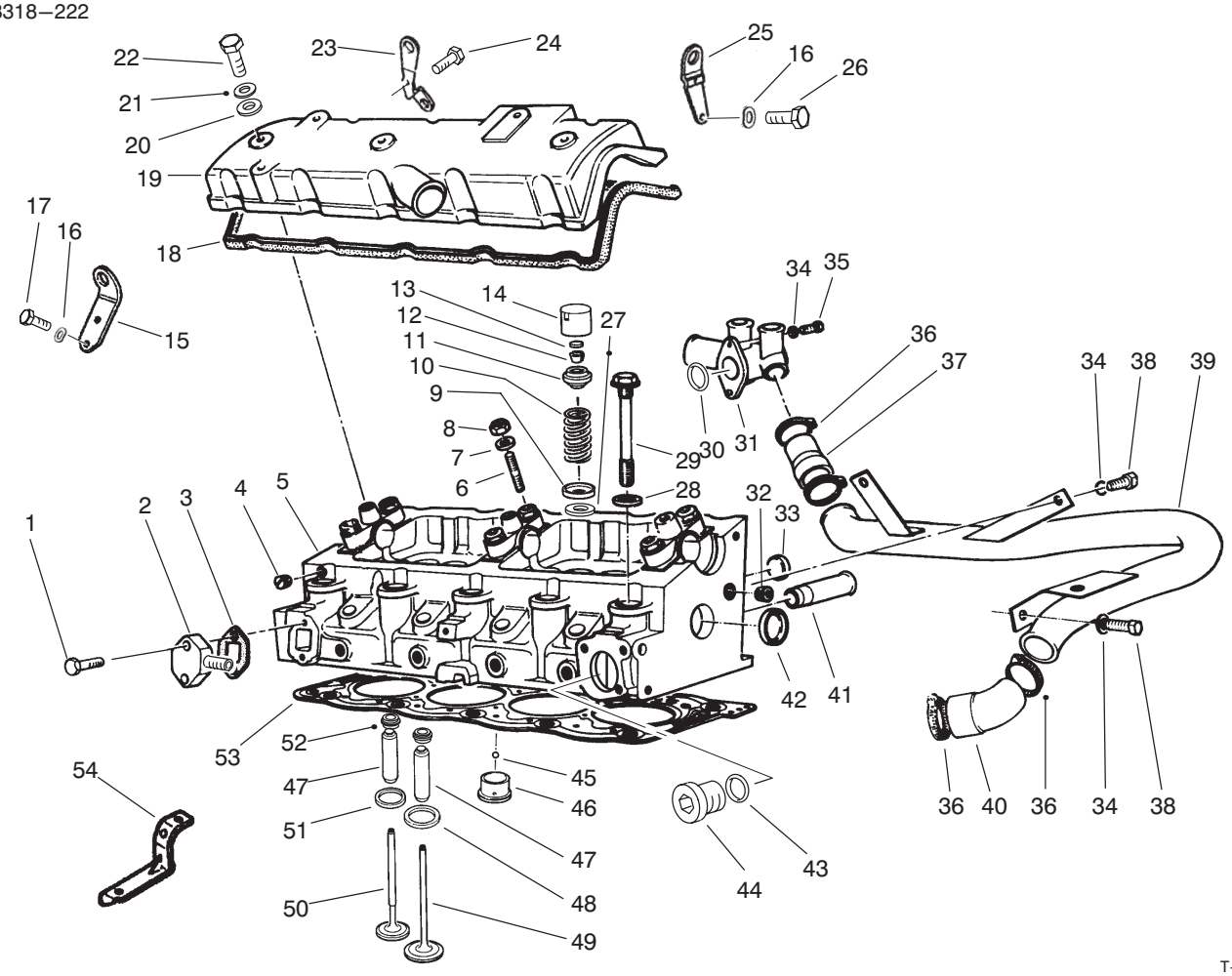
CYLINDER HEAD ASSEMBLY

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

3318–222



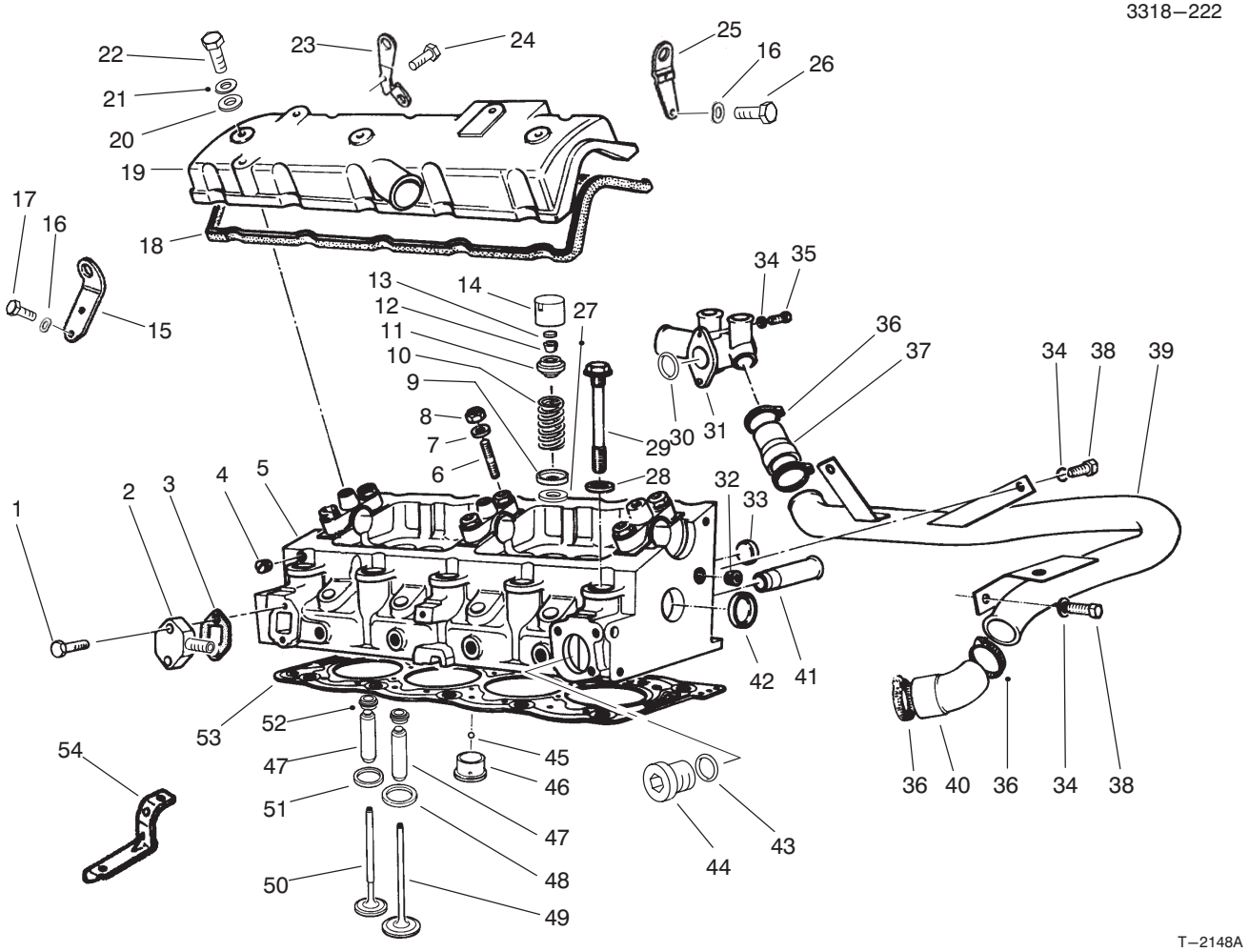
T–2148A

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	5
35	48–9460	Screw – Cap Hex. Hd.	2
36	2412–129	Clamp – Hose	4
37	94–3200	Hose – By–Pass	1

*Not Illustrated



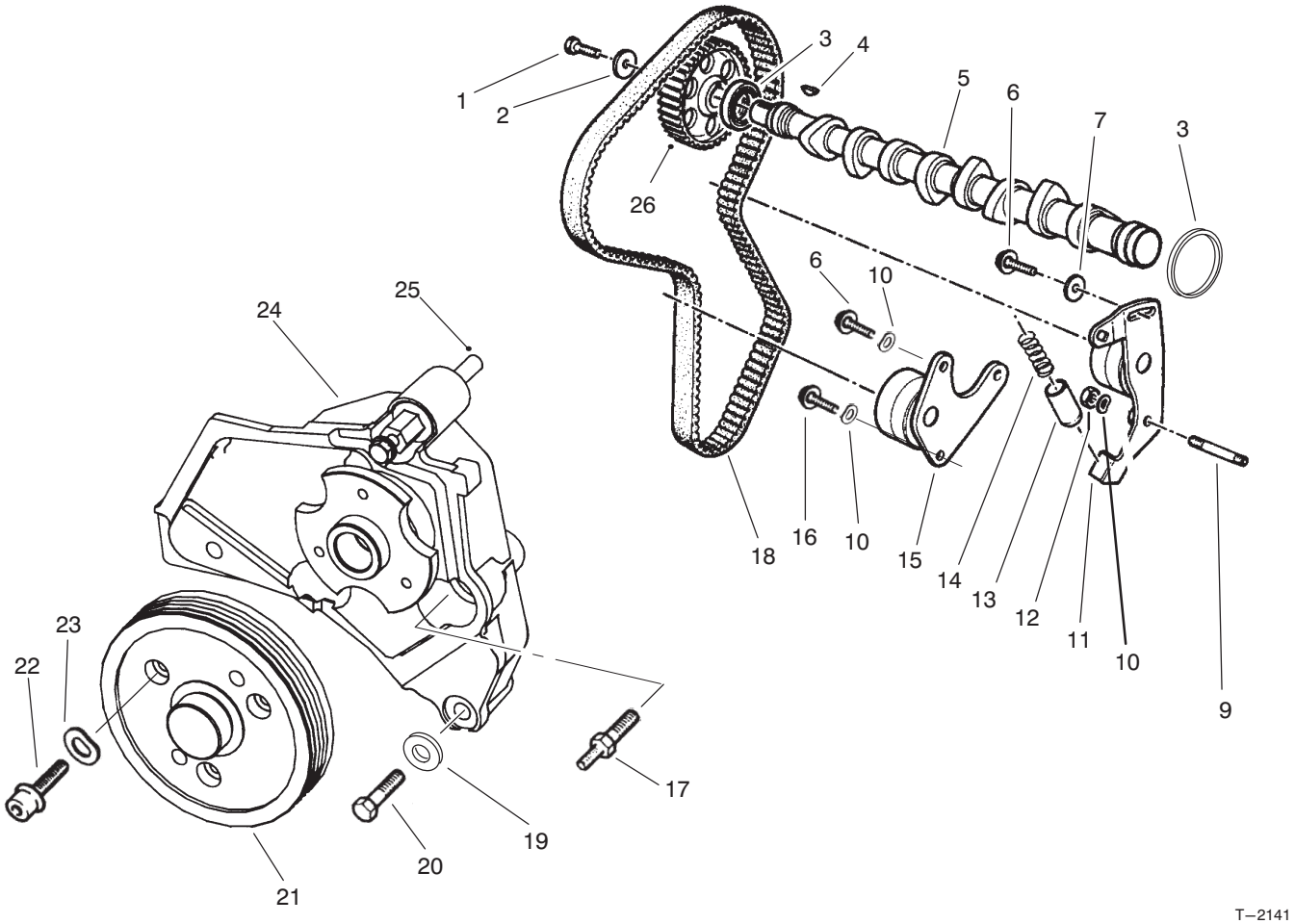
T–2148A

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
38	48–7700	Screw – Cap Hex. Hd.	3
39	94–3199	Pipe – By–Pass	1
40	94–3201	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

Ref. No.	Part No.	Description	No. Used
49	74–7480	Valve – Intake	4
50	92–7794	Valve – Exhaust	4
51	92–7795	Seat – Exhaust Valve (34.5mm)	4
52	92–7791	Seal – Valve	8
53	74–7530	Gasket – Head (1.61 mm)	1
*	74–7540	Gasket – Head (1.73 mm)	1
*	94–3114	Gasket – Head (1.83 mm)	1
54	94–3120	Bracket	1
*	74–7670	Head Bolt & Washer Set (Incl. Ref. #28 & 29)	1
*	94–3119	Kit – Gasket	1

*Not Illustrated

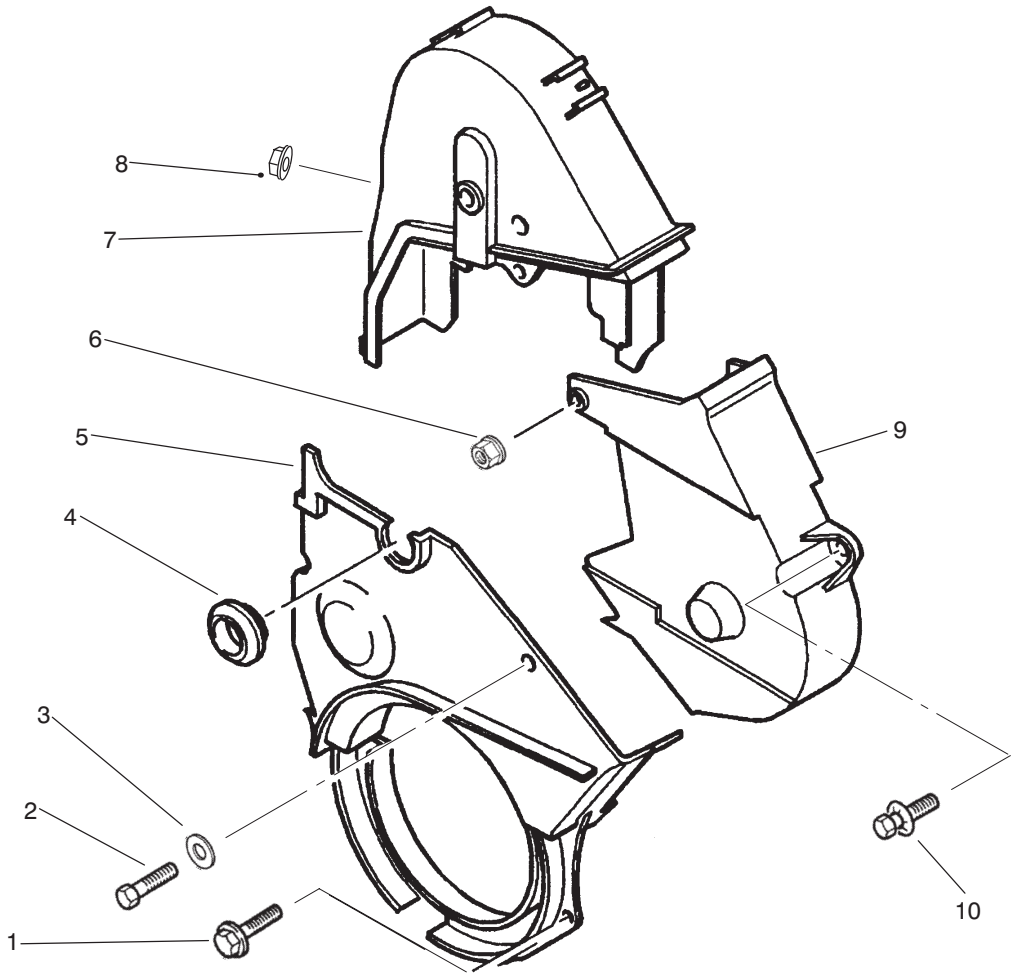


T–2141

CAMSHAFT & FAN SUPPORT ASSEMBLY

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

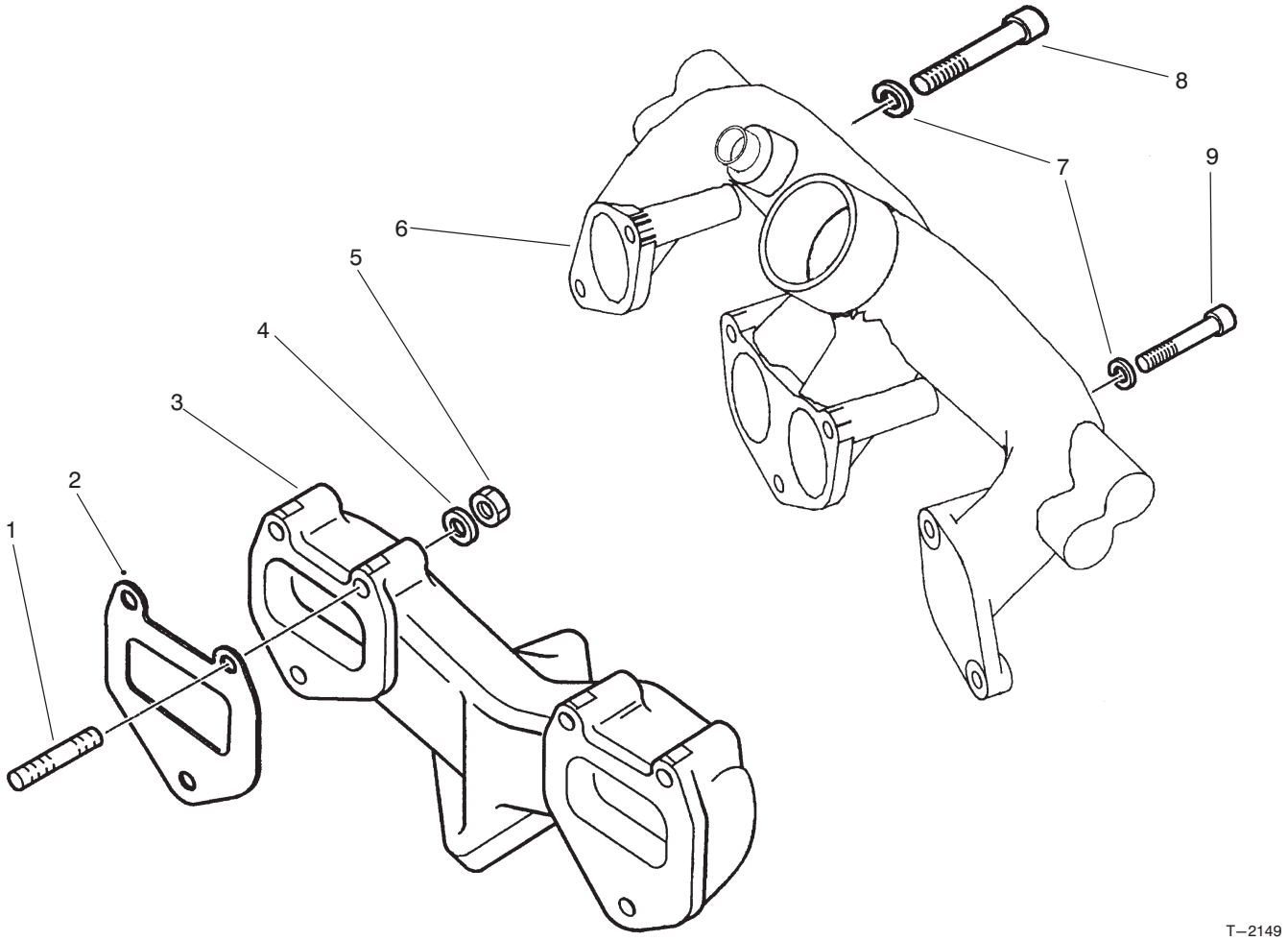
Ref. No.	Part No.	Description	No. Used
15	94–3160	Roller Assembly	1
16	94–3161	Screw	2
17	94–3170	Screw	1
18	74–8830	Belt	1
19	94–3172	Washer	3
20	94–3171	Screw	2
21	94–3168	Pulley – Fan	1
22	94–3173	Screw	3
23	76–5010	Washer	3
24	94–3167	Bracket – Fan	1
25	94–3169	Screw	1
26	92–7787	Pulley – Camshaft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



T–2140

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



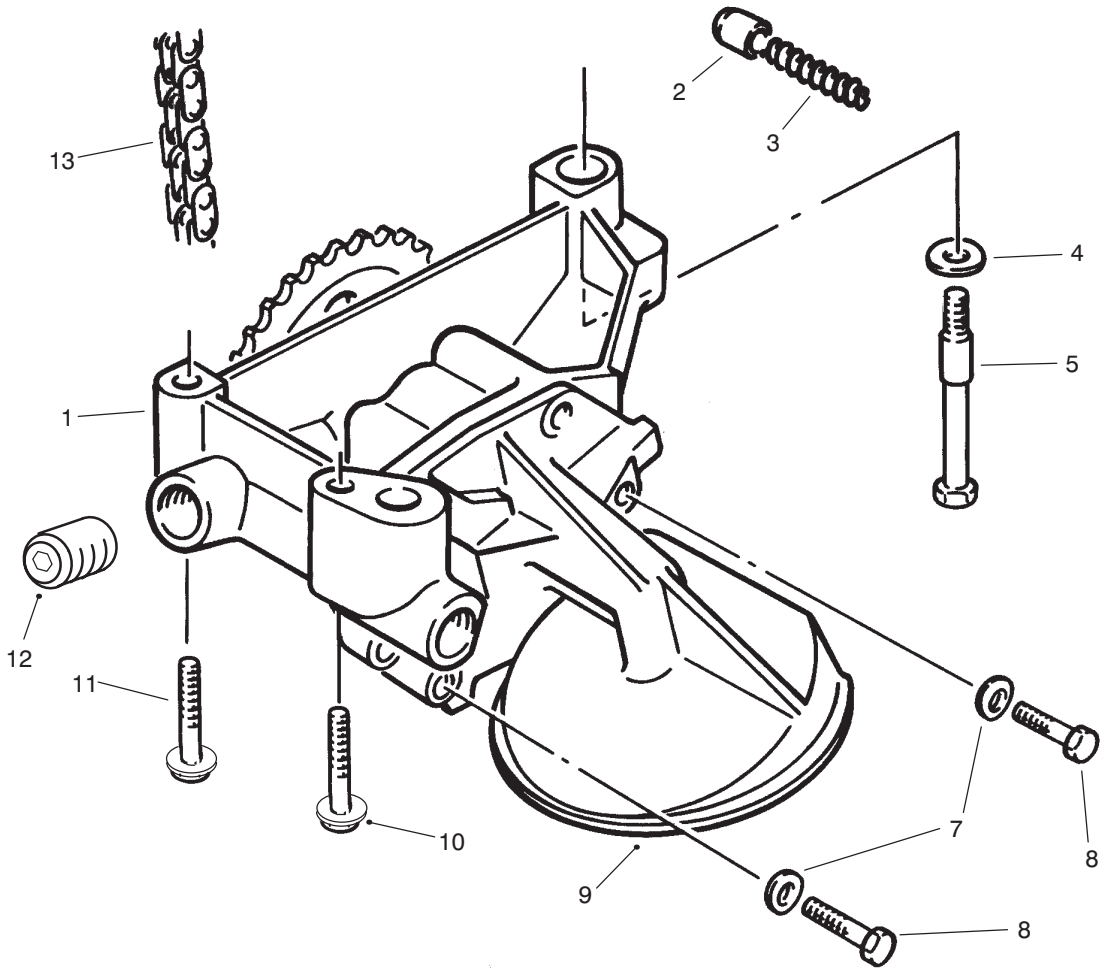
T–2149

INTAKE & EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	77–3300	Stud	6
2	77–3310	Gasket	2
3	94–3215	Manifold – Intake	1
4	68–9420	Washer – Lock	6
5	77–3320	Nut – Hex	6

Ref. No.	Part No.	Description	No. Used
6	77–3340	Manifold – Exhaust	1
7	94–3164	Washer – Spring	7
8	94–3216	Screw	5
9	94–3217	Screw	4
*	94–3218	Screw	1

*Not Illustrated

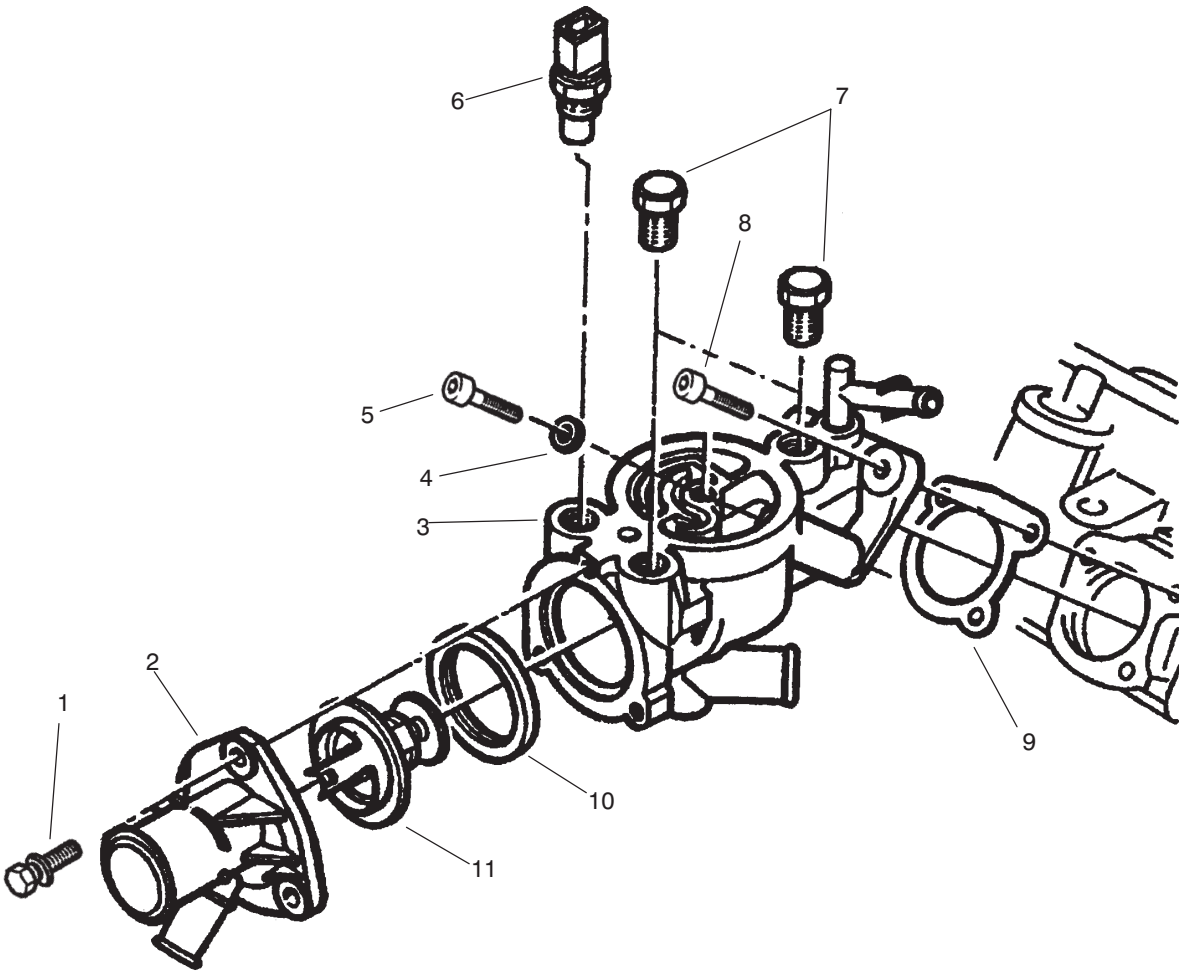


T—0964B

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

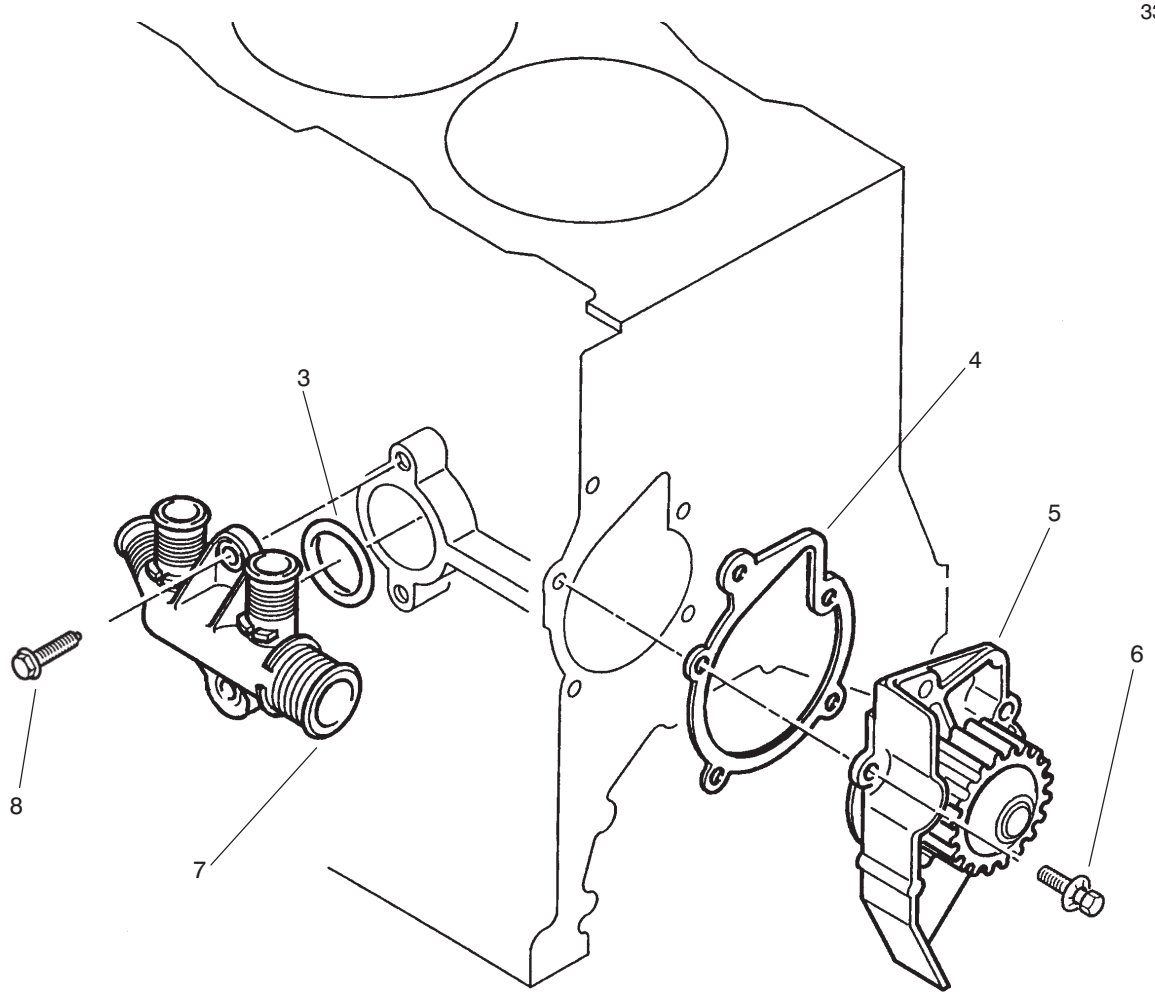


T–2143

COLLECTOR ASSEMBLY

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

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



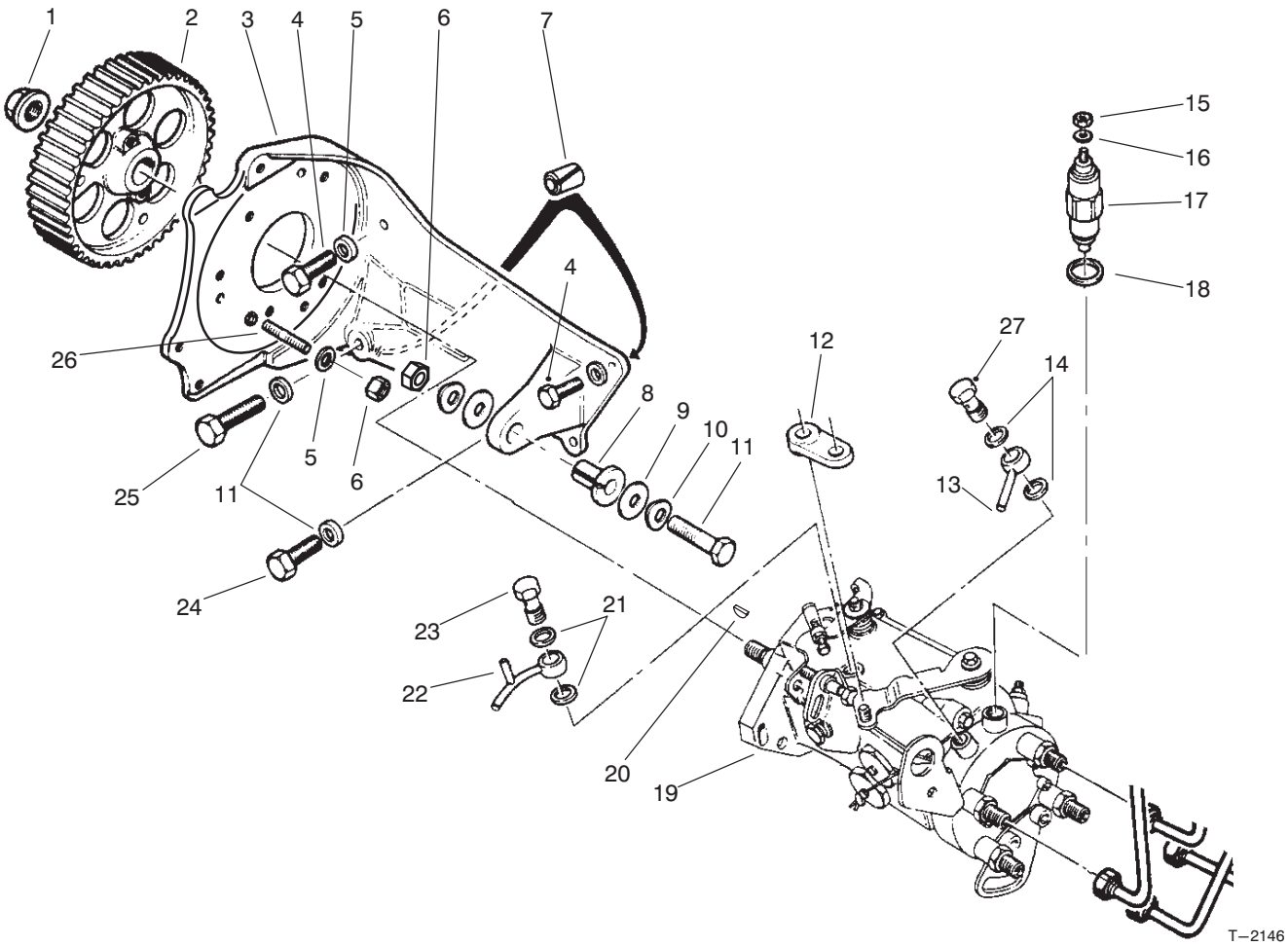
T—2144A

WATER PUMP ASSEMBLY

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

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

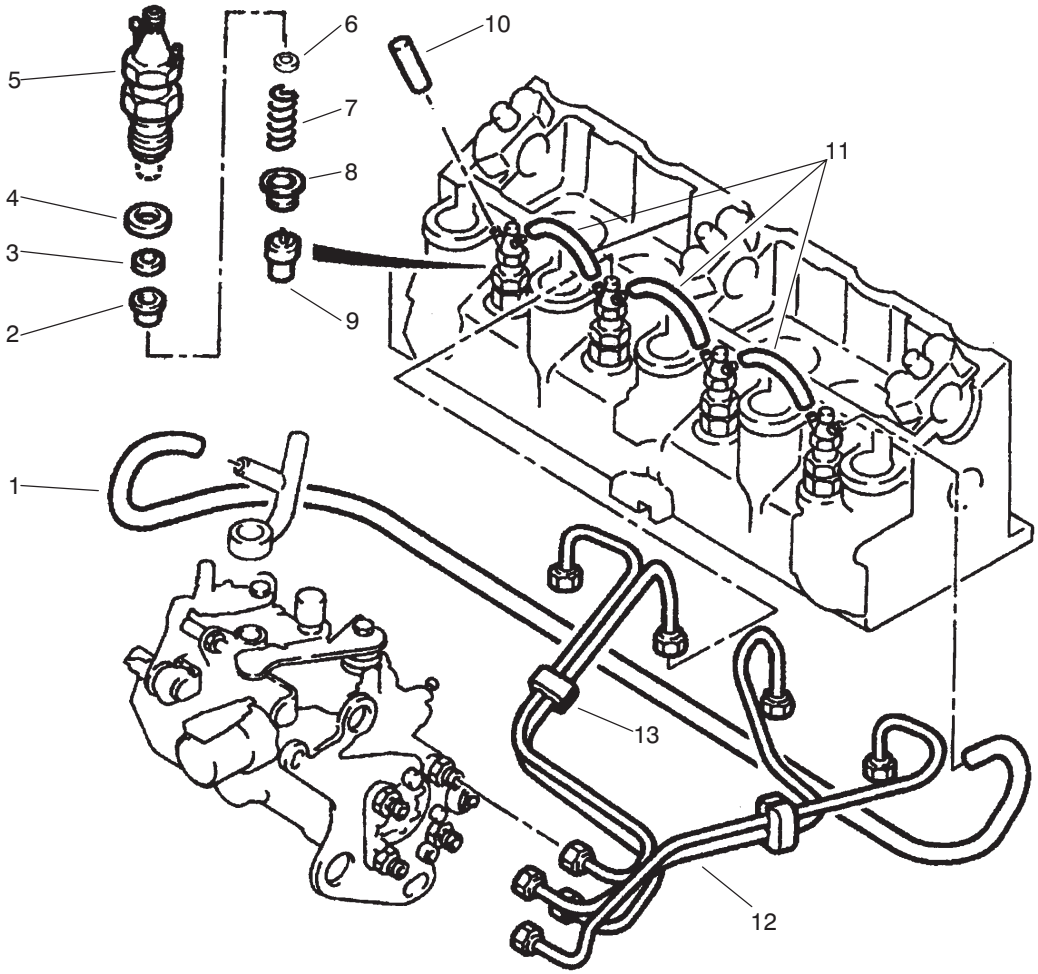
3318–222



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	74–8670	Fuel Inlet Assembly (Incl. Ref. #13)	1



T–2145

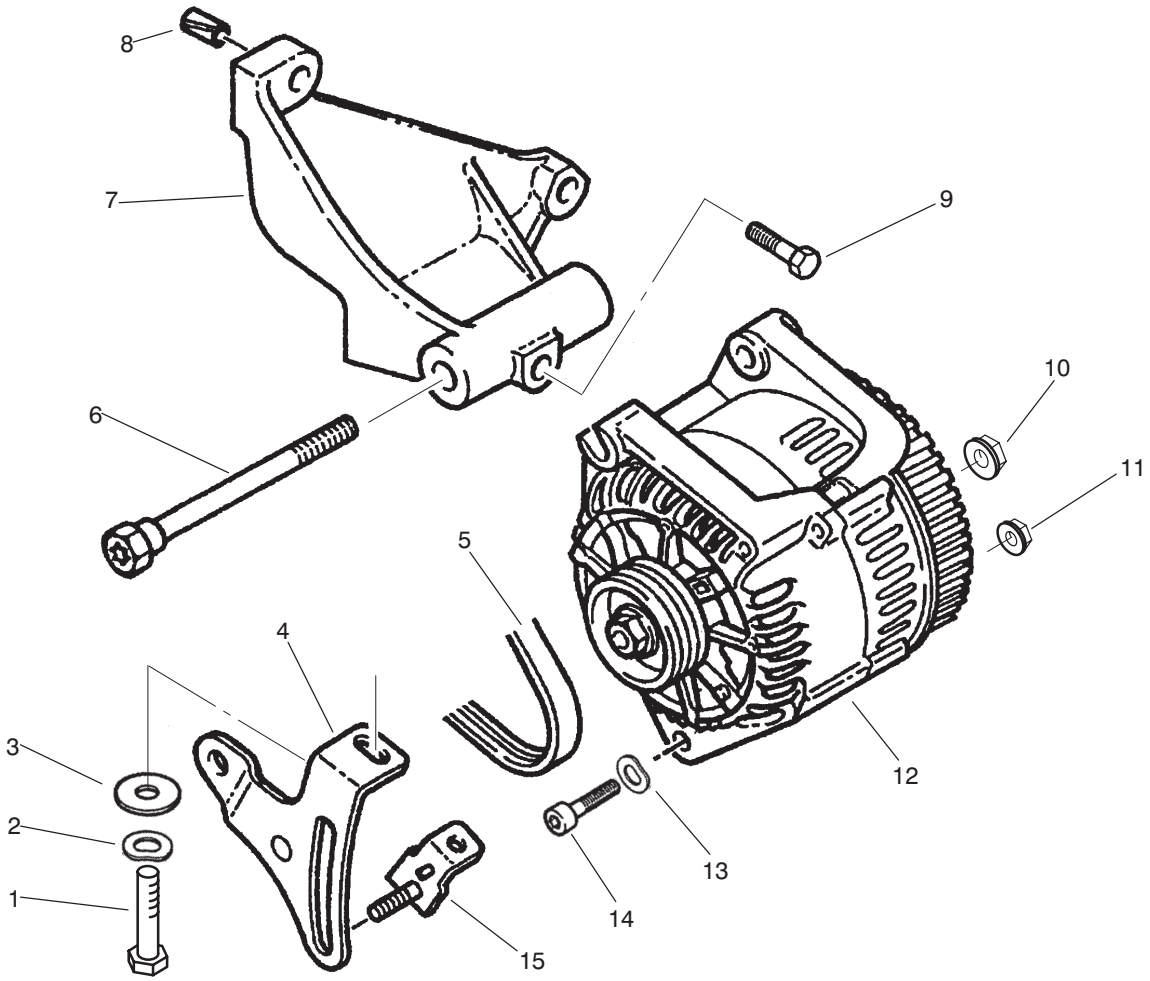
FUEL INJECTOR ASSEMBLY

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

3318–222

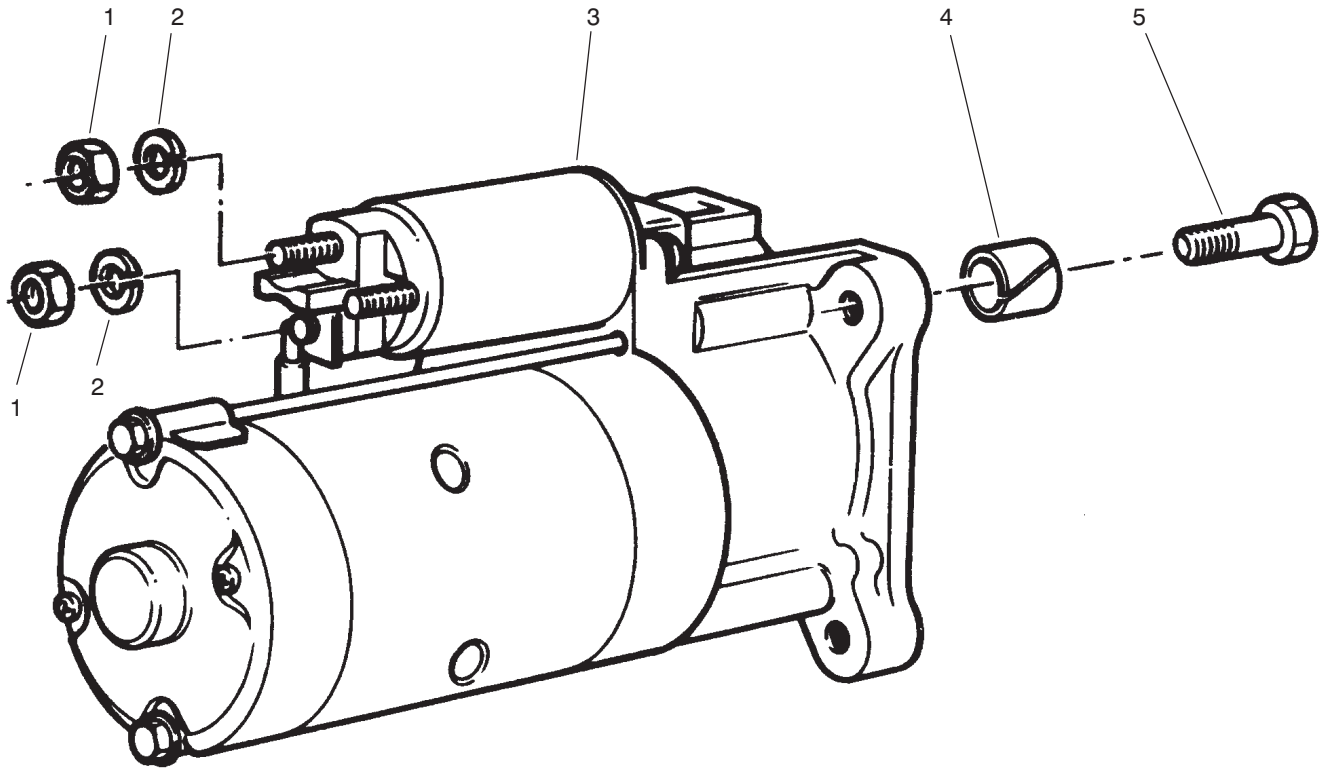


T–2147

ALTERNATOR ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
9	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



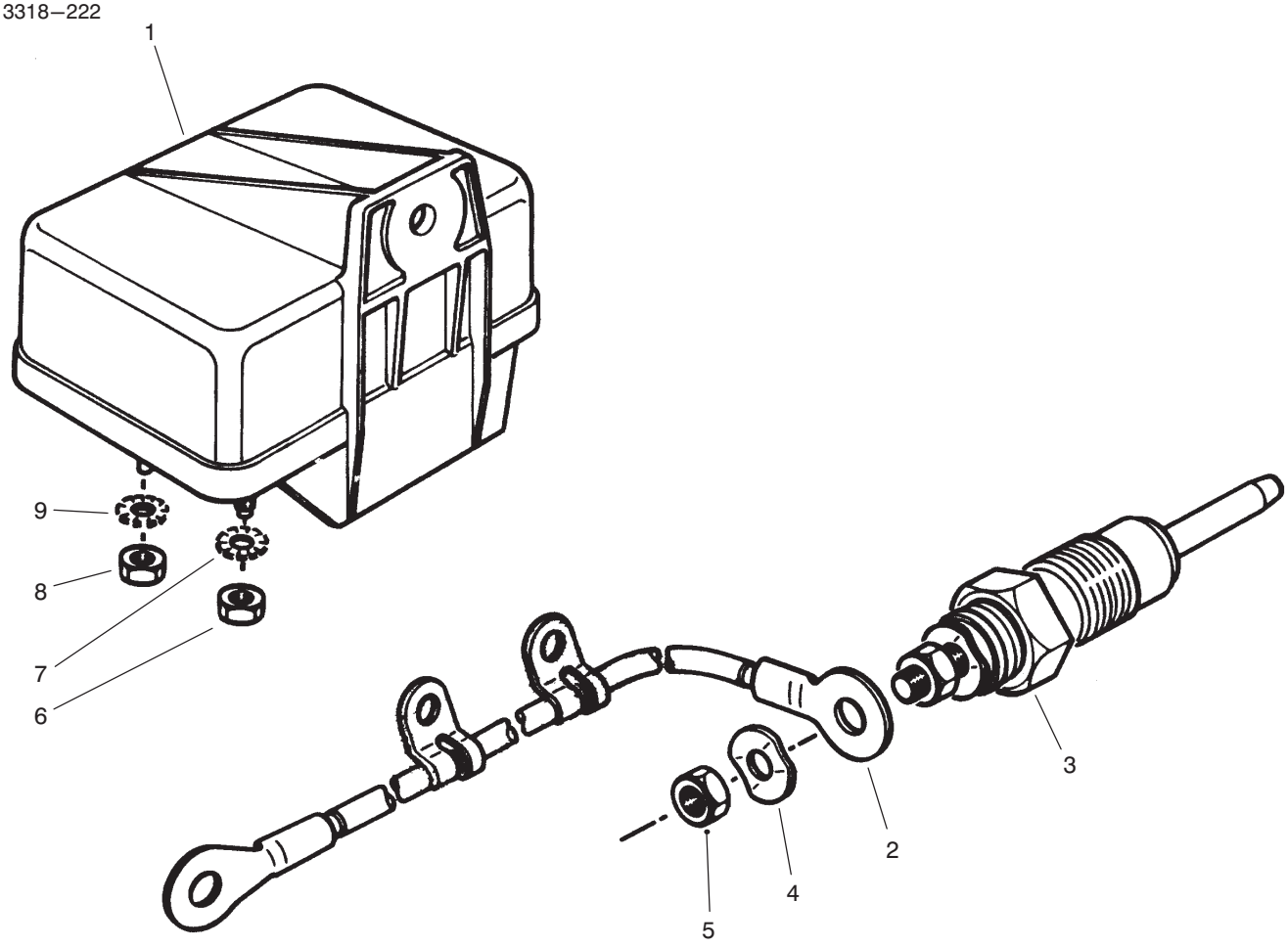
T–0968A

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
*	94–3275	Solenoid – Starter	1

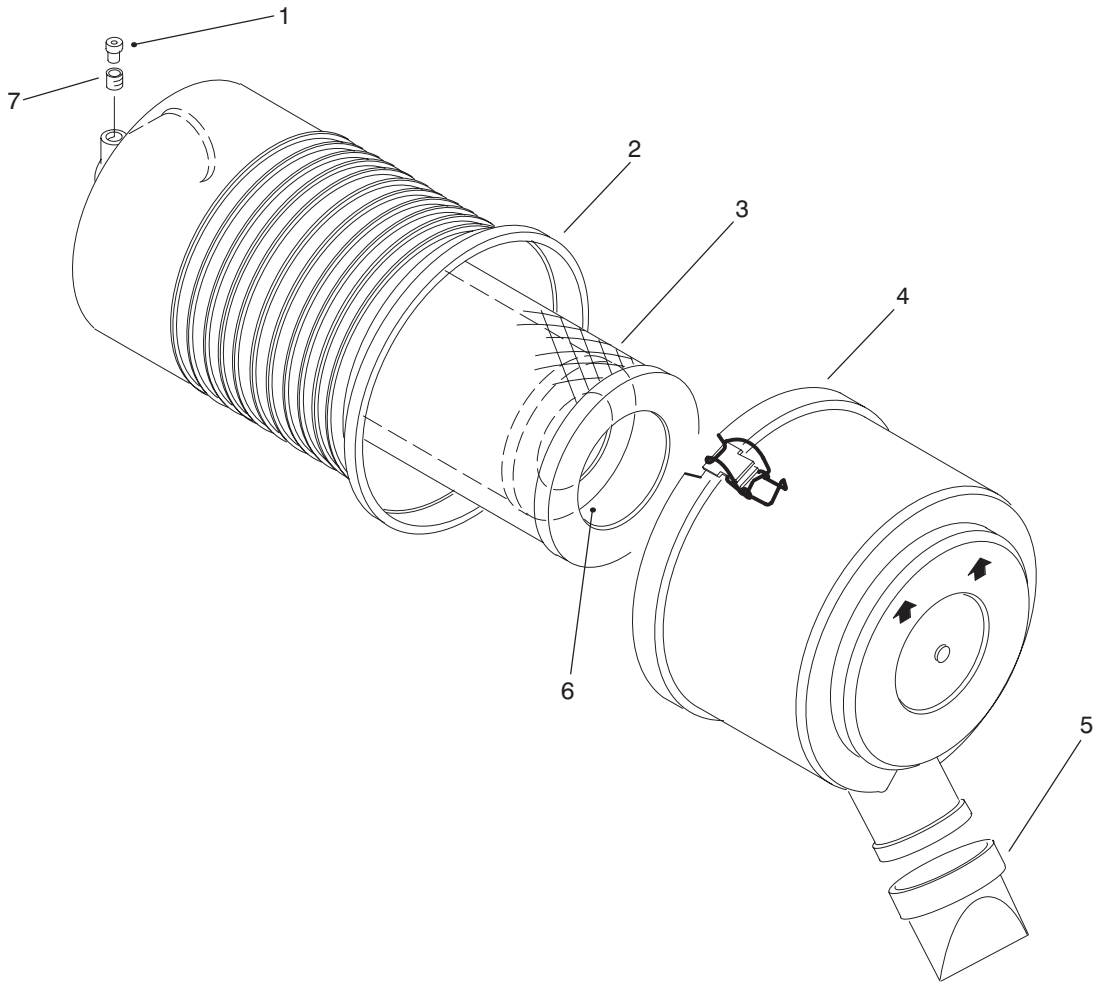
*Not Illustrated



GLOW PLUG & GLOW RELAY

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

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

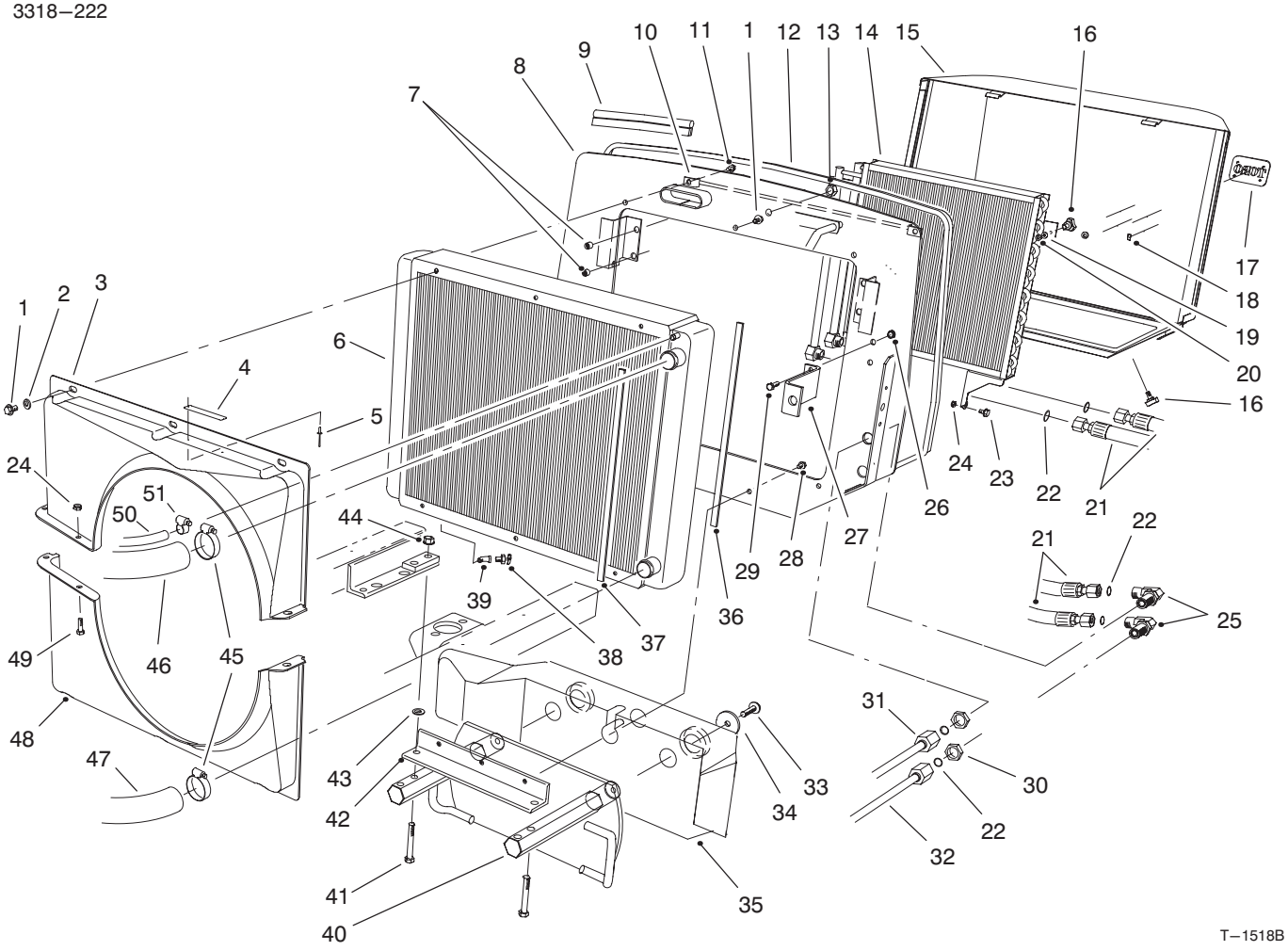


AIR CLEANER ASSEMBLY NO. 93—7485

Ref. No.	Part No.	Description	No. Used
1	93—9164	Indicator	1
2		Asm. — Body	1
3	94—1412	Filter — Primary	1
4		Asm. — Cover	1

Ref. No.	Part No.	Description	No. Used
5	94—1414	Valve — Vacuator	1
6	94—1413	Filter — Safety	1
7	94—1416	Asm. — Adaptor	1

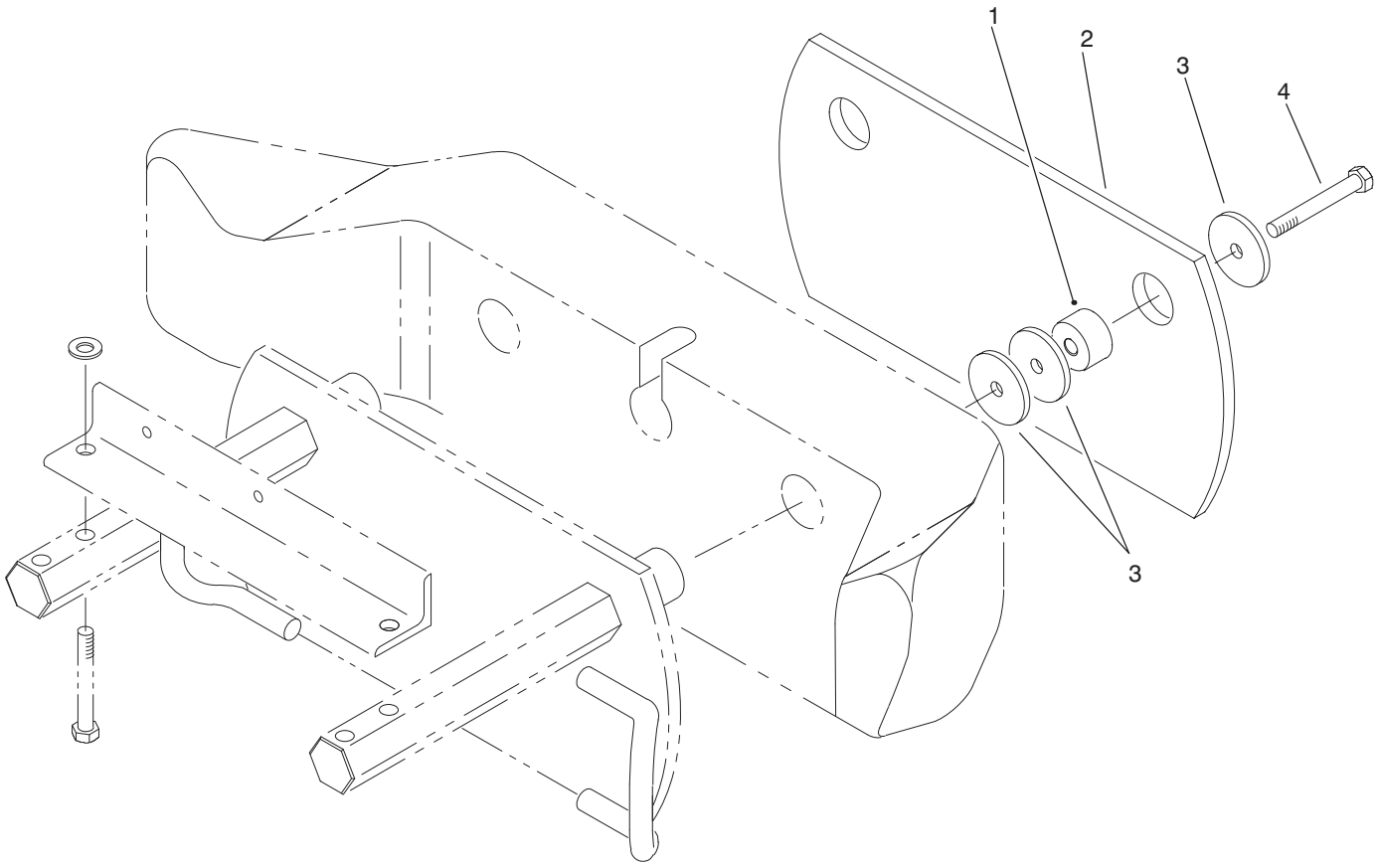
3318–222



RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–30	Screw – Hex. Flange Hd.	10
2	3256–23	Washer – Flat	6
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	76–9540	Hose – Hydraulic	2
22	237–65	O–Ring	6
23	37–8771	Screw – Hex. Washer Hd.	2
24	3296–47	Nut – Lock	5
25	340–72	Fitting – Hydraulic 90° (Incl. Ref. #18)	2

Ref. No.	Part No.	Description	No. Used
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.	2
30	340–74	Nut – Bulkhead	2
31	74–6400	Assembly – Tube	1
32	94–5605	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	92–7781	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.	3
50	94–5625	Hose – Radiator, Overflow	1
51	2412–36	Clamp – Hose	1



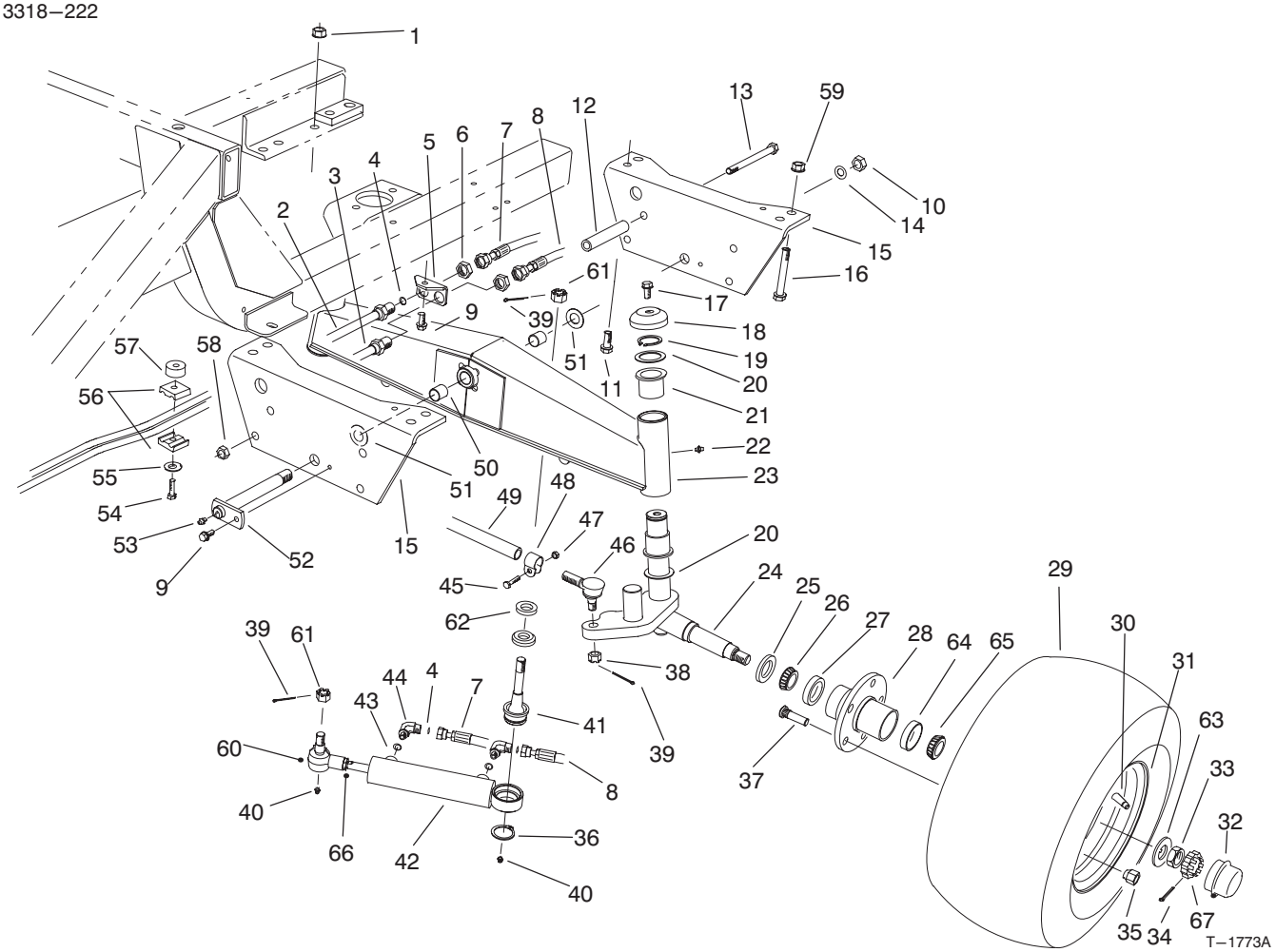
T—1946

ADDITIONAL WEIGHT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	84—1570	Spacer	2
2	88—1220	Plate	2

Ref. No.	Part No.	Description	No. Used
3	88—1360	Washer — Rear Weight	6
4	325—18	Screw — Cap Hex. Hd.	2

3318–222

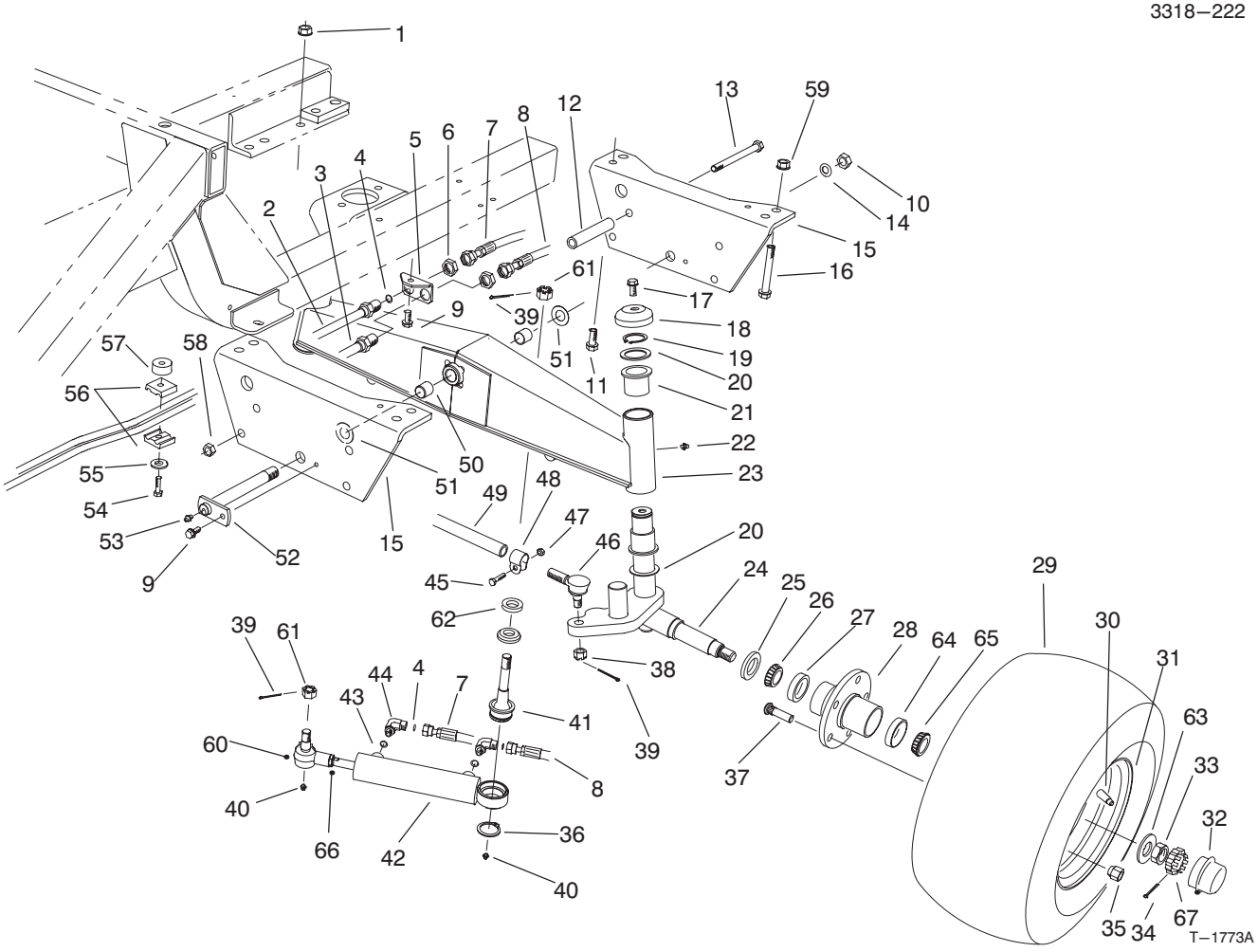


REAR AXLE ASSEMBLY (Model No. 30450)

Ref. No.	Part No.	Description	No. Used
1	32128–23	Nut – Flange Lock	6
2	86–5780	Tube – Hydraulic L.H. (Incl. Ref. #4)	1
3	86–5790	Tube – Hydraulic R.H. (Incl. Ref. #4)	1
4	237–22	Seal – O–Ring	4
5	74–6450	Bracket – Bulkhead	1
6	340–70	Nut – Bulkhead	2
7	86–3130	Hose – Hydraulic Rod End	1
8	86–3120	Hose – Hydraulic Cap End	1
9	32144–11	Screw – Hex. Flange Hd.	2
10	3296–51	Nut – Lock	1
11	3234–32	Screw – Hex. Flange Hd.	6
12	76–8350	Stop – Axle	2
13	325–20	Screw – Cap Hex. Hd.	2
14	3256–28	Washer – Flat	1
15	84–1170	Plate – Axle, Pivot	2
16	325–35	Screw – Cap Hex. Hd.	2
17	3234–12	Screw – Cap Hex. Hd.	2
18	69–8890	Cap – Spindle	2
19	32151–10	Ring – Retaining	2
20	62–2170	Washer – Thrust	4
21	69–6470	Bushing – Flange	4
22	302–11	Fitting – Grease	2
23	92–5835	Rear Axle Assembly (Incl. Ref. #21–22 & 50)	1

Ref. No.	Part No.	Description	No. Used
24	92–9725	Spindle – L.H.	1
*	92–9724	Spindle – R.H.	1
25	69–2980	Seal – Inner	2
26	254–106	Cone – Bearing	2
27	254–107	Cup – Bearing	2
28	92–9651	Hub – Wheel (Incl. Ref. #27, 37, & 64)	2
29	86–5910	Tire	2
30	232–27	Stem – Valve	2
31	217–125	Rim	2
32	69–2970	Cap – Hub	2
33	3220–7	Nut – Jam	2
34	3272–13	Pin – Cotter	2
35	242–50	Nut – Lug	10
36	32151–104	Ring – Retaining	1
37	92–9652	Stud – Drive	10
38	32136–13	Nut – Slotted	2
39	3272–12	Pin – Cotter	4
40	302–5	Fitting – Grease	2
41	92–5839	Ball Joint	1
42	92–6585	Hydraulic Cylinder Assy.	1
43	237–78	Seal – O–Ring	2
44	340–97	Fitting – Hydraulic 90° (Incl. Ref. #4 & 43)	2
45	3210–5	Screw – Cap Hex. Hd.	2

*Not Illustrated

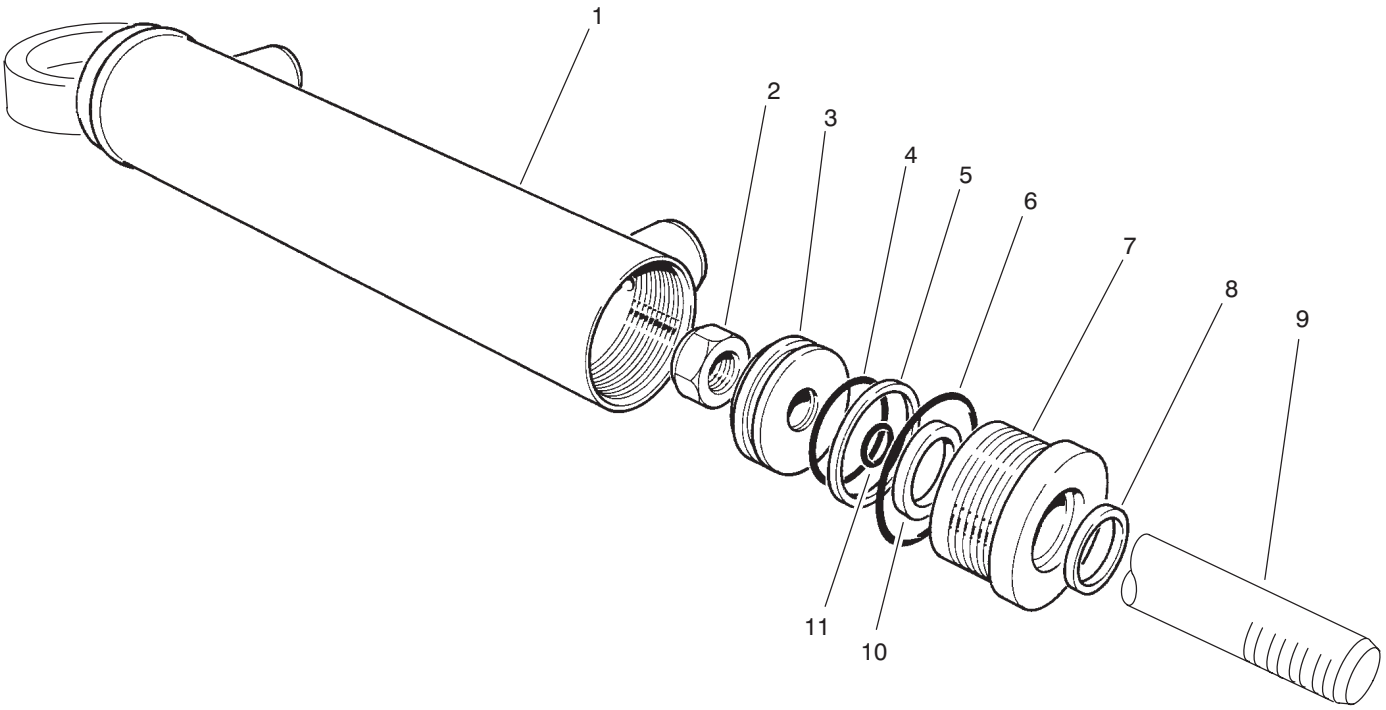


REAR AXLE ASSEMBLY (Model No. 30450) (Continued)

Ref. No.	Part No.	Description	No. Used
46	2411–46	Joint – Ball L.H. (Incl. Ref. #38)	1
*	2411–45	Joint – Ball R.H. (Incl. Ref. #38)	1
47	32152–5	Nut – Lock	2
48	2412–122	Clamp Assembly (Incl. Ref. #45 & 47)	2
49	2412–123	Tie Rod Assembly (Incl. Ref. #45, & 47–48)	1
50	76–4260	Bushing – Sleeve	2
51	76–6570	Washer – Thrust	2
52	74–5250	Pin – Axle Pivot	1
53	302–2	Fitting – Grease	1
54	32104–37	Screw – Cap Hex. Hd.	1
55	3256–23	Washer – Flat	1

Ref. No.	Part No.	Description	No. Used
56	56–7973	Clamp – Tube	2
57	80–8660	Spacer	1
58	3296–45	Nut – Lock	2
59	32128–49	Nut – Lock	2
60	92–5837	Assembly – Rod End	1
61	32136–14	Nut – Hex. Slotted Hd.	2
62	92–5833	Spacer – Ball Joint	1
63	93–0309	Washer – Tab	2
64	254–72	Cup – Bearing	2
65	254–92	Cone – Bearing	2
66	3220–11	Nut – Jam	1
67	93–0307	Nut – Retainer, Lock	2
*	74–5940	Assembly – Tie Rod (Incl. Ref. #39, & 45–49)	1

*Not Illustrated



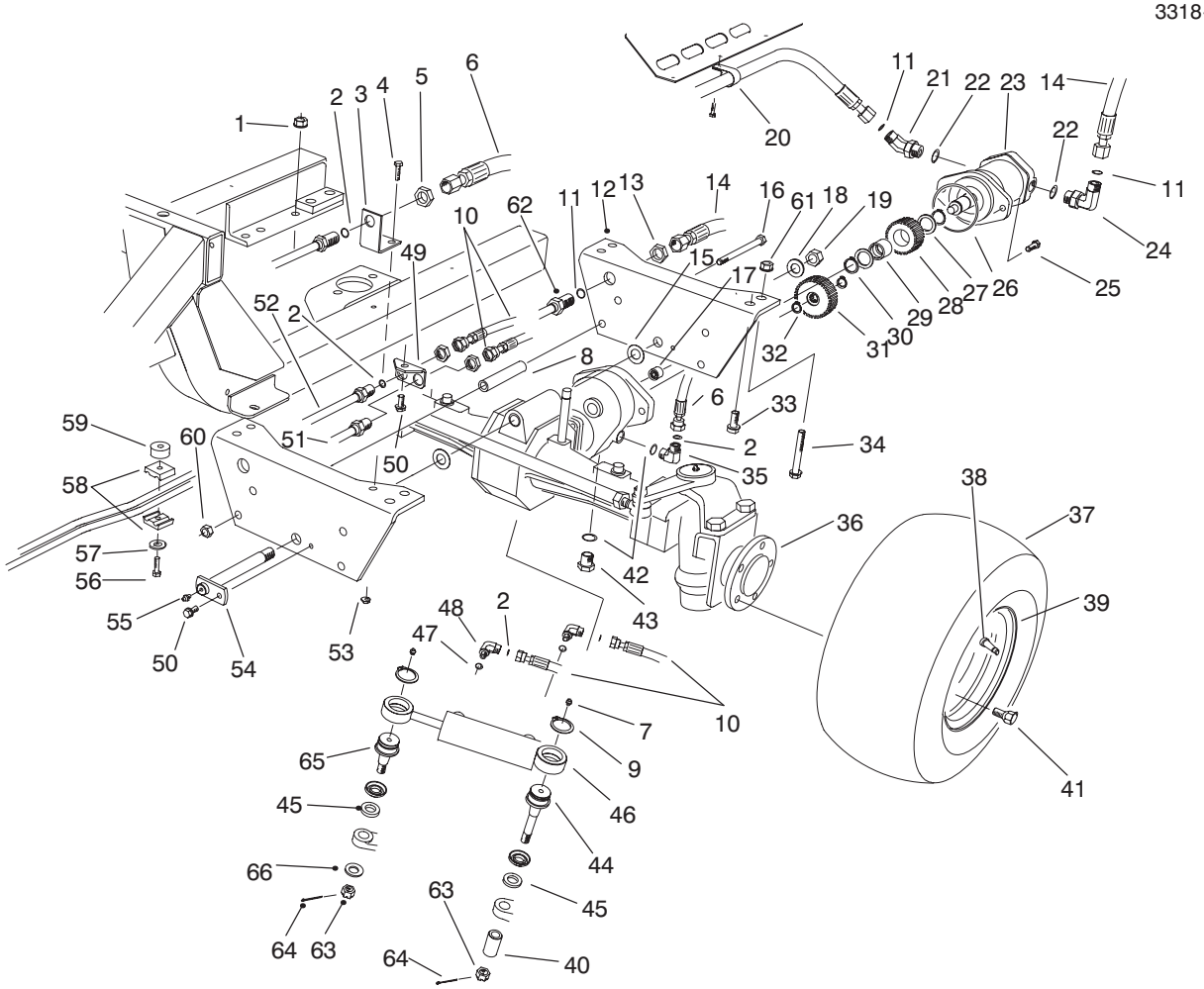
T–1775

HYDRAULIC CYLINDER NO. 92–6585 (Model No. 30450)

Ref. No.	Part No.	Description	No. Used
1	92–6590	Butt & Tube Assy.	1
2	66–1930	Nut–Lock	1
3	88–3670	Piston	1
4		O–Ring	1
5		Seal–Teflon	1
6		O–Ring	1
7	92–6592	Gland	1

Ref. No.	Part No.	Description	No. Used
8		Wiper	1
9	92–6591	Rod–Piston	1
10		U–Cup	1
11		O–Ring	1
*	92–6594	Seal Kit (Incl. Ref. #4–6, 8, 10 & 11)	1

*Not Illustrated

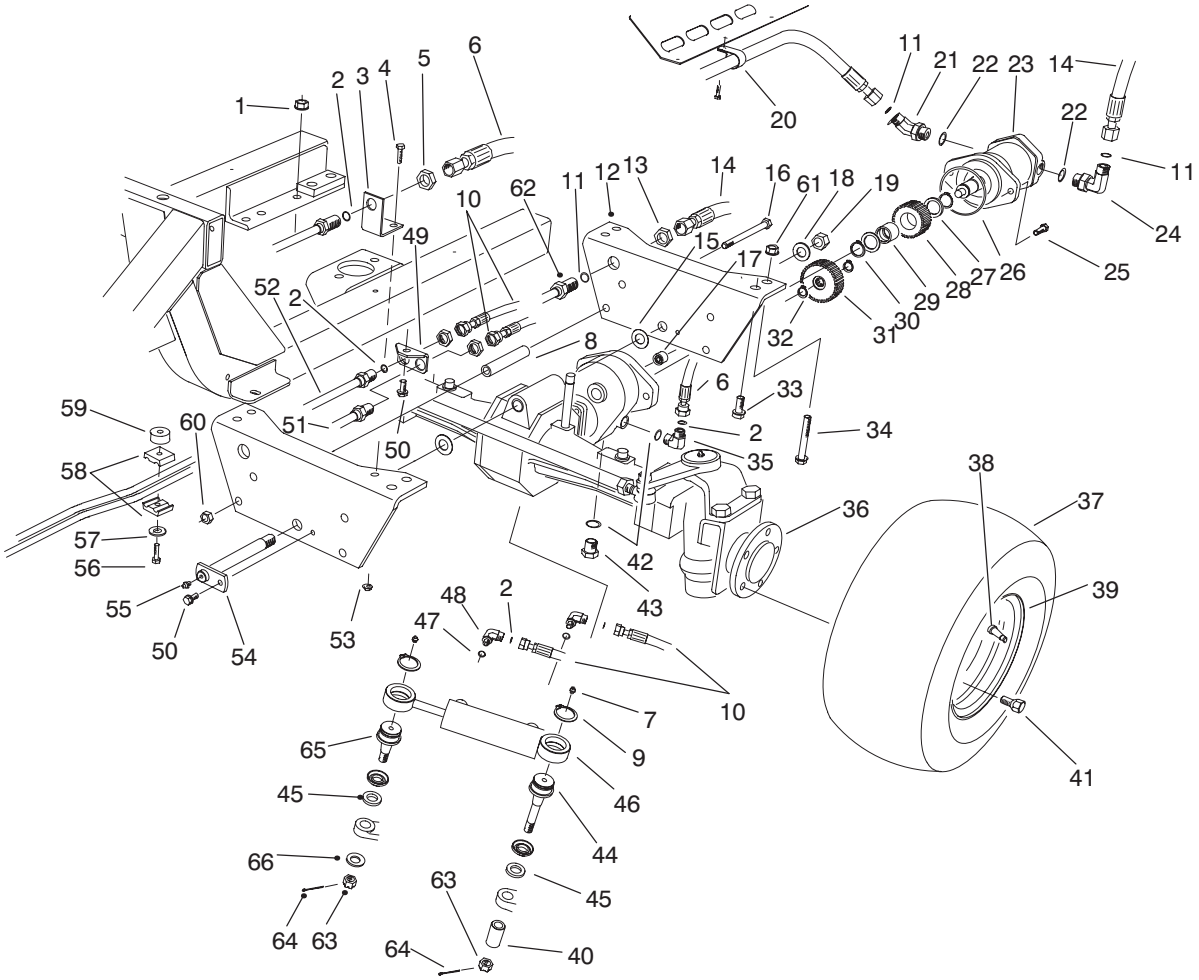


T–1774

REAR AXLE ASSEMBLY (Model No. 30455)

Ref. No.	Part No.	Description	No. Used
1	32128–23	Nut – Flange Lock	6
2	237–22	Seal – O–Ring	6
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	76–8350	Stop – Axle	2
9	32151–104	Ring – Retaining	2
10	76–9590	Hose – Hydraulic	2
11	237–65	O–Ring	9
12	84–1170	Plate – Axle	2
13	340–74	Nut – Bulkhead	1
14	86–2730	Hose – Hydraulic	1
15	76–6570	Washer – Thrust	2
16	325–20	Screw – Cap Hex. Hd.	2
17	74–5700	Bearing – Needle	1
18	3256–28	Washer – Flat	1
19	3296–51	Nut – Lock	1
20	2412–74	Clamp – R	1
21	340–156	O–Ring	1
22	237–81	O–Ring	2
23	76–6580	Motor – Hydraulic	1
24	340–139	Fitting – Hydraulic 90˚ (Incl. Ref. #11 & 22)	1
25	325–4	Screw – Cap Hex. Hd.	2

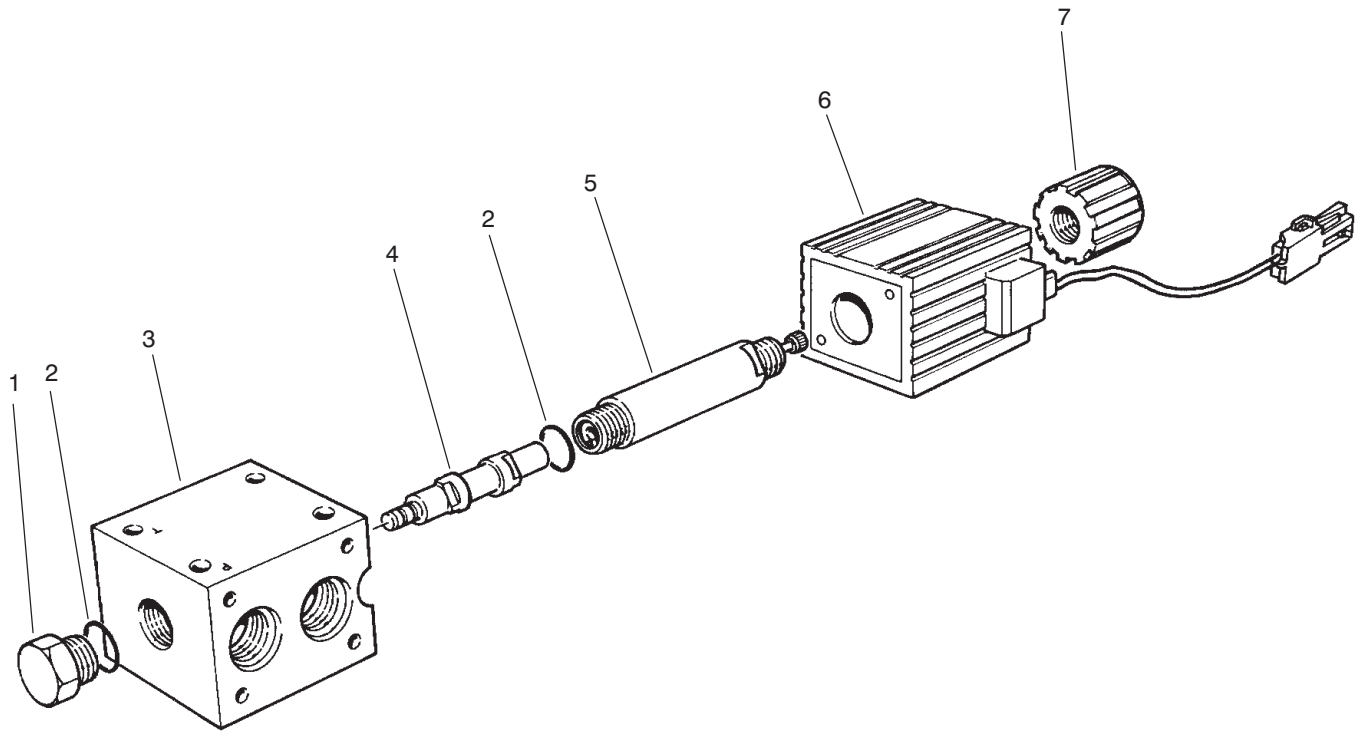
Ref. No.	Part No.	Description	No. Used
26	237–166	O–Ring	1
27	71–4590	Washer – Thrust	2
28	92–5825	Gear – Motor	1
29	71–4580	Roller – Clutch	1
30	32151–96	Ring – Retaining	2
31	92–5826	Gear – Axle	1
32	32120–15	Ring – Retaining	2
33	3234–32	Screw – Hex. Flange Hd.	6
34	325–35	Screw – Cap Hex. Hd.	2
35	340–77	Fitting – Hydraulic	1
36	74–5621	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	2
43	353–508	Plug	1
44	92–5839	Ball Joint	1
45	92–5833	Spacer – Ball Joint	2
46	92–6584	Cylinder – Hydraulic	1
47	237–78	O–Ring	2
48	340–97	Fitting – Hydraulic 90˚ (Incl. Ref. #2 & 47)	2
49	74–6450	Bracket – Bulkhead	1
50	32144–11	Screw – Hex. Washer Hd.	2



REAR AXLE ASSEMBLY (Model No. 30455) (Continued)

Ref. No.	Part No.	Description	No. Used
51	86–5790	Tube Assembly LH Rear	1
52	86–5780	Tube Assembly RH Rear	1
53	32128–33	Nut – Flange, Lock	1
54	74–5250	Pin – Axle Pivot	1
55	302–2	Fitting – Grease	1
56	32104–37	Screw – Cap Hex. Hd.	1
57	3256–23	Washer – Flat	1
58	56–7973	Clamp – Hose	2

Ref. No.	Part No.	Description	No. Used
59	80–8660	Spacer	1
60	3296–45	Nut – Lock	2
61	32128–49	Nut – Lock	2
62	86–2770	Assembly – Tube	1
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

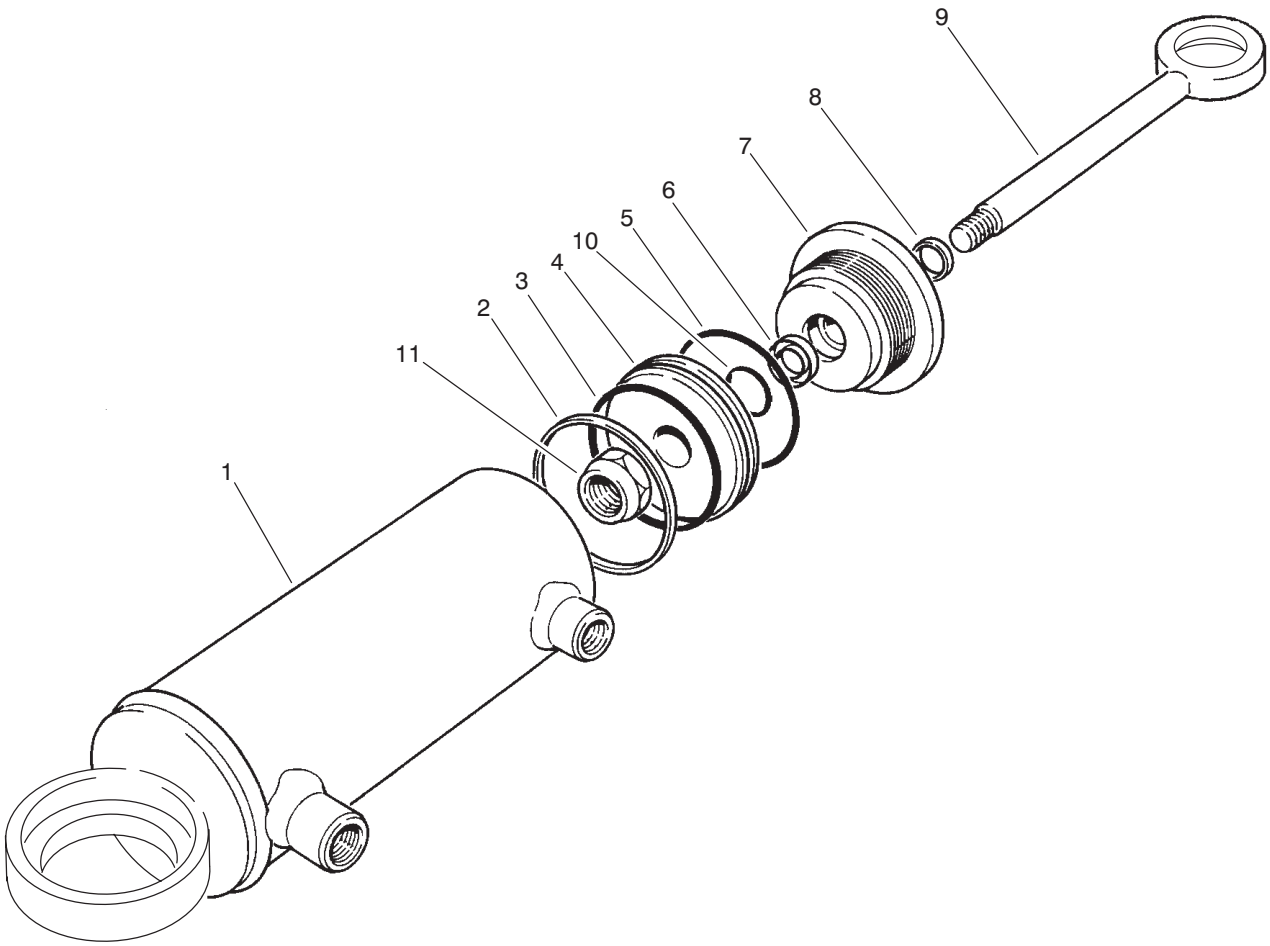


T—1126

SOLENOID VALVE ASSEMBLY NO. 76—9970 (Model No. 30455 Only)

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



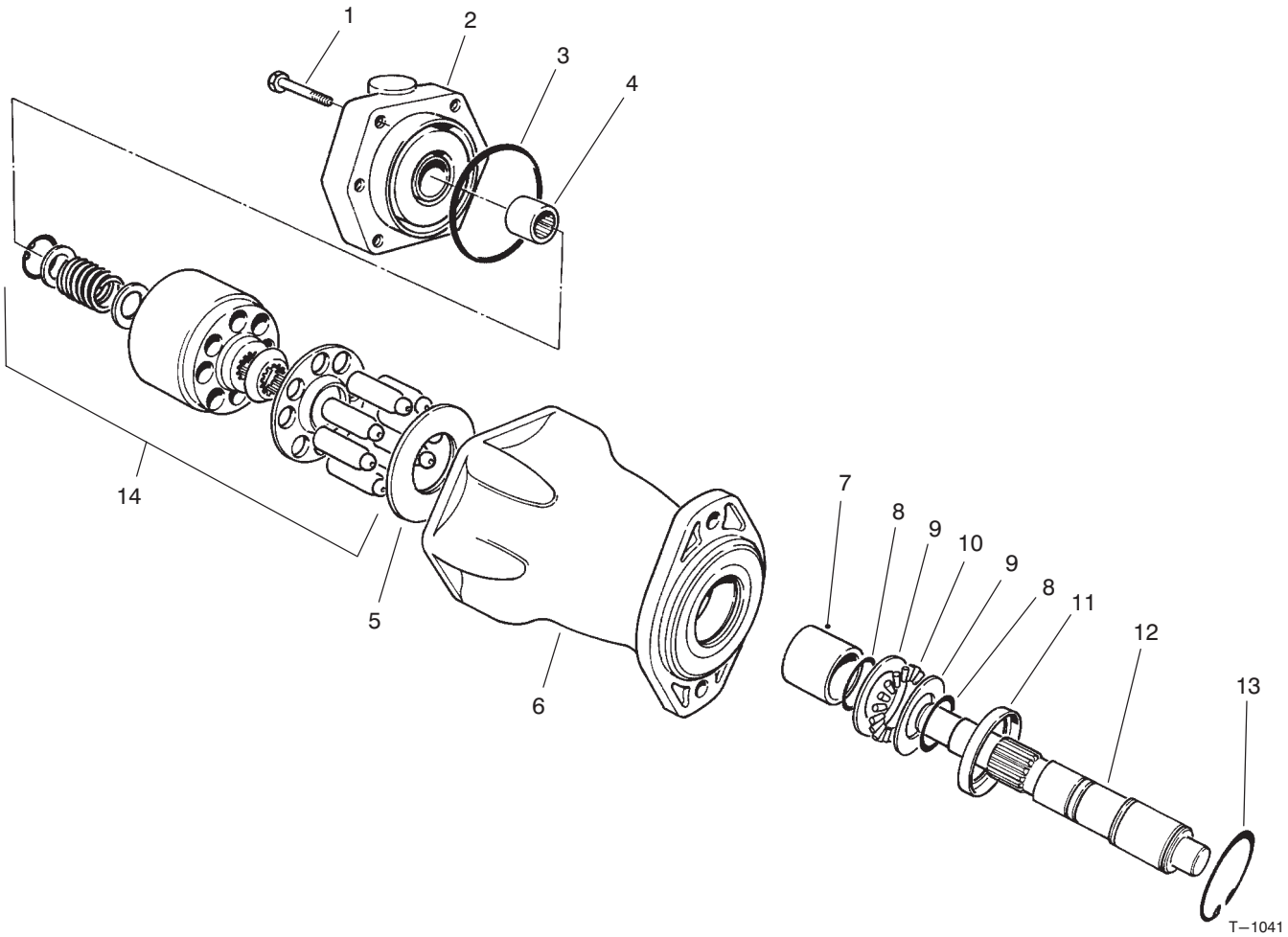
T–1776

HYDRAULIC CYLINDER NO. 92–6584 (Model No. 30455)

Ref. No.	Part No.	Description	No. Used
1	92–6586	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	92–6587	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

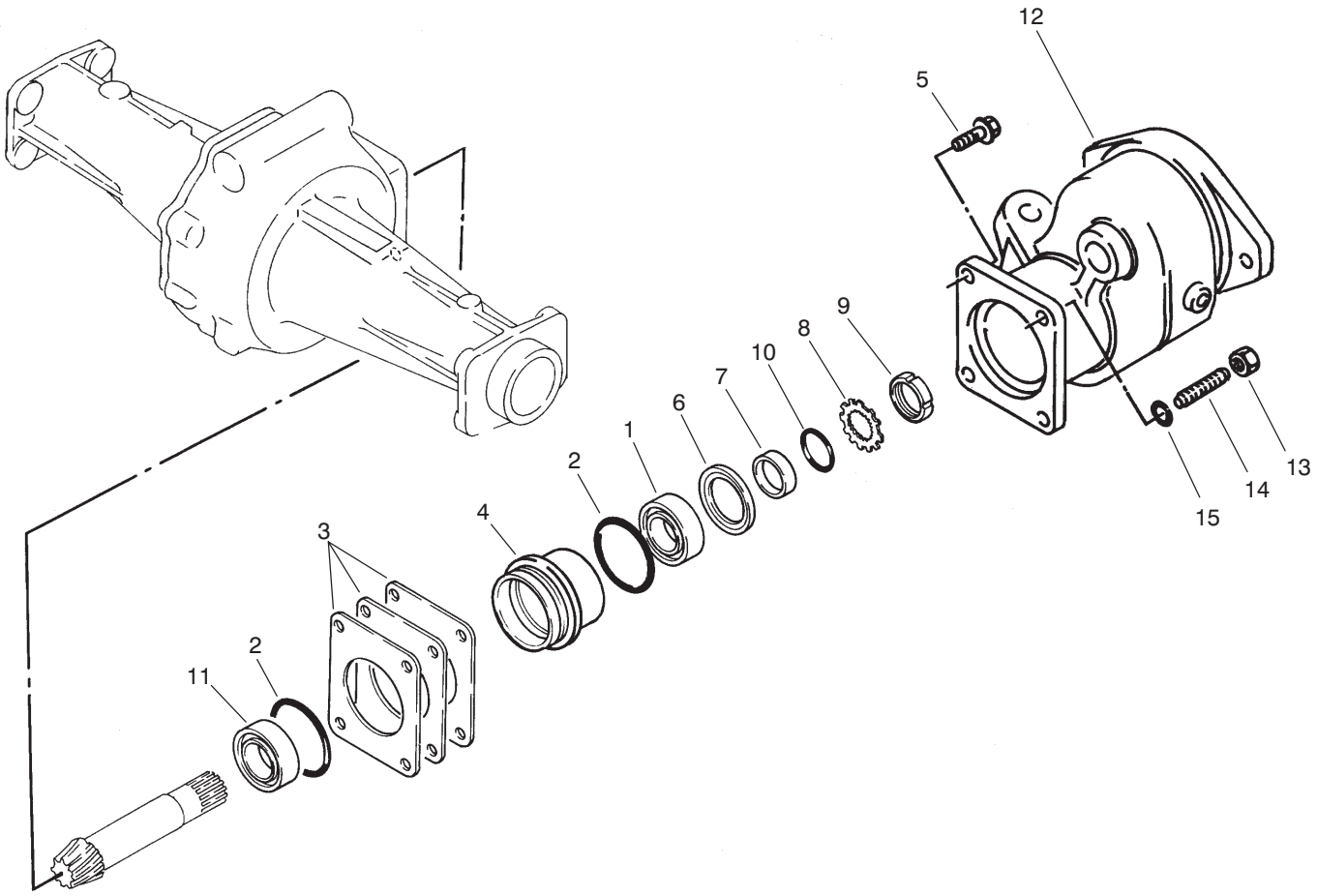
*Not Illustrated



HYDRAULIC MOTOR NO. 76—6580 (Model No. 30455)

Ref. No.	Part No.	Description	No. Used
1	76—6990	Screw — Cap, Hex. Hd.	6
2	76—6920	Back Plate Assembly (Incl. Ref. #4)	1
3	76—6980	O—Ring	1
4		Bearing	1
5	76—6970	Insert — Camplate	1
6	76—6940	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	76—7020	Spacer	1
12	76—6930	Shaft — Drive	1
13	76—7010	Ring — Retaining	1
14	76—6910	Rotating Assembly	1



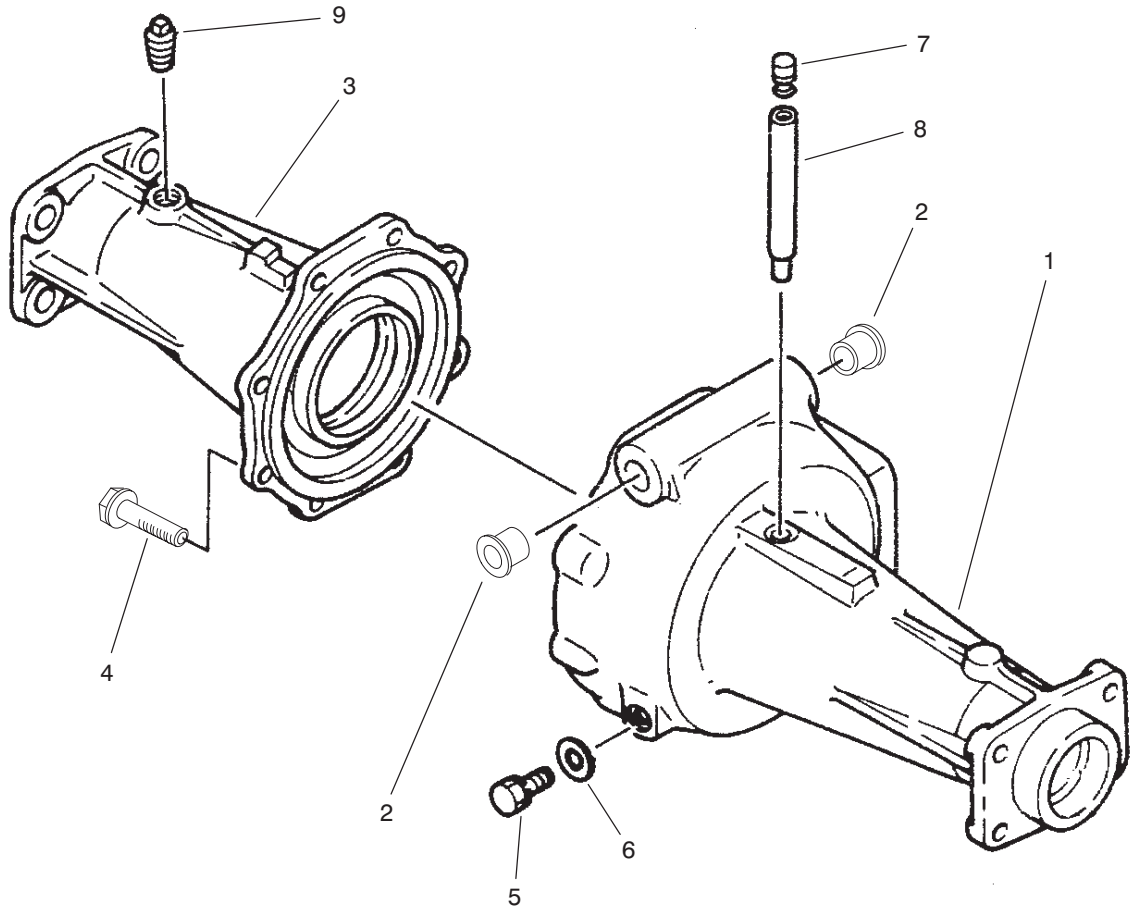
T–1109

SLEEVE ASSEMBLY
AXLE NO. 74–5621 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76–7330	Bearing	1
2	76–7400	O–Ring	2
3	76–7410	Shim – 0.1 mm	A/R
*	76–7420	Shim – 0.2 mm	A/R
*	76–7430	Shim – 0.4 mm	A/R
4	76–7320	Sleeve	1
5	76–7150	Bolt	3
6	76–7340	Seal – Oil	1
7	76–7350	Bushing	1
8	76–7380	Washer	1

Ref. No.	Part No.	Description	No. Used
9	76–7390	Nut – Lock	1
10	76–7360	O–Ring	1
11	76–7370	Bearing	1
12	76–8070	Adapter	1
13	76–7690	Nut	1
14	76–7450	Bolt – Stud	1
15	76–7460	Washer	1
*	77–4010	Shim Set (Incl. Ref. #3)	1

*Not Illustrated

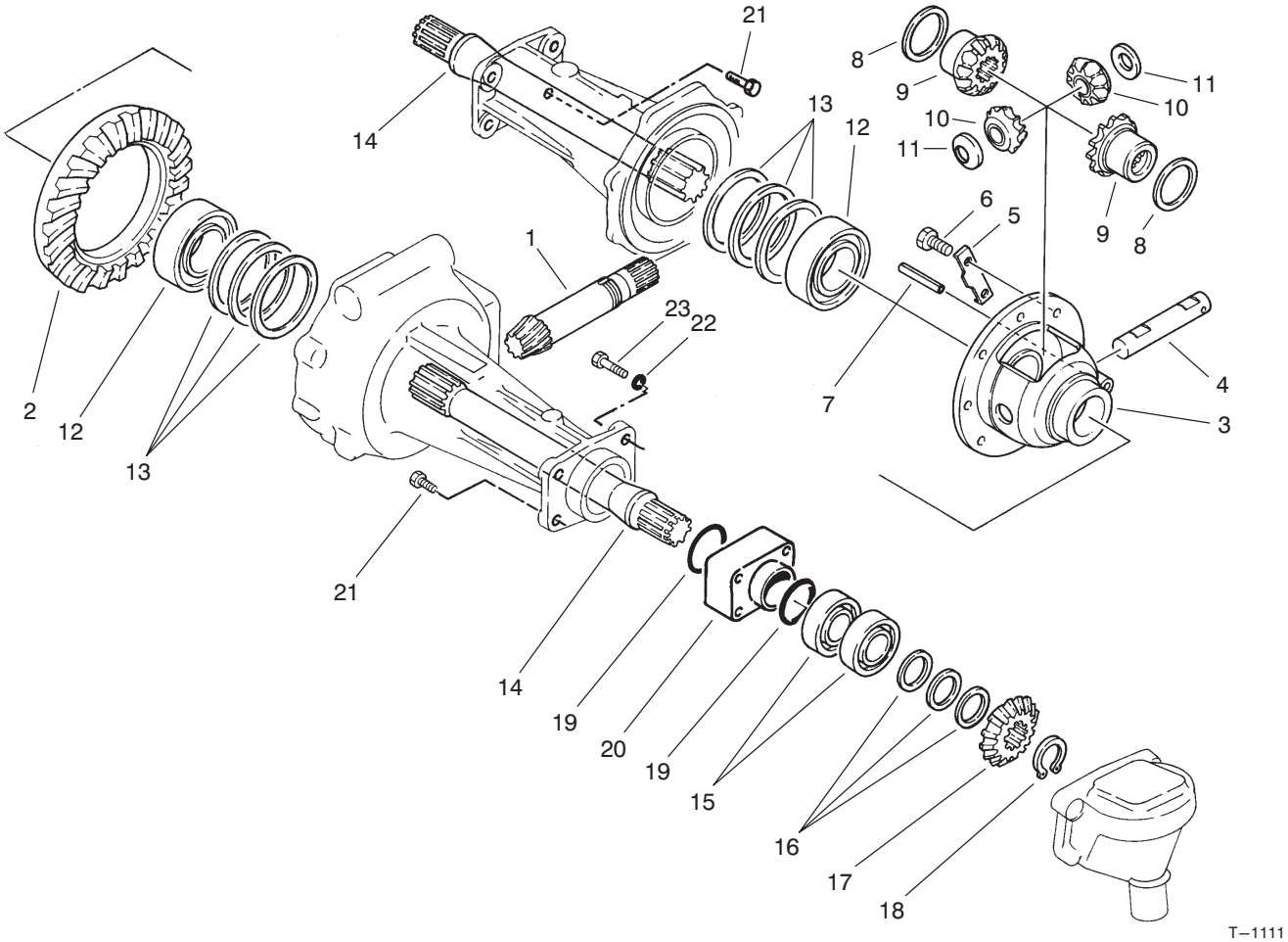


T—1112A

AXLE HOUSING ASSEMBLY
AXLE NO. 74—5621 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76—7100	Housing — Axle A	1
2	92—9738	Bushing — Flange	2
3	76—7130	Housing — Axle B	1
4	93—7773	Screw — Hex. Hd. Flange	8
5	76—7110	Plug	1

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



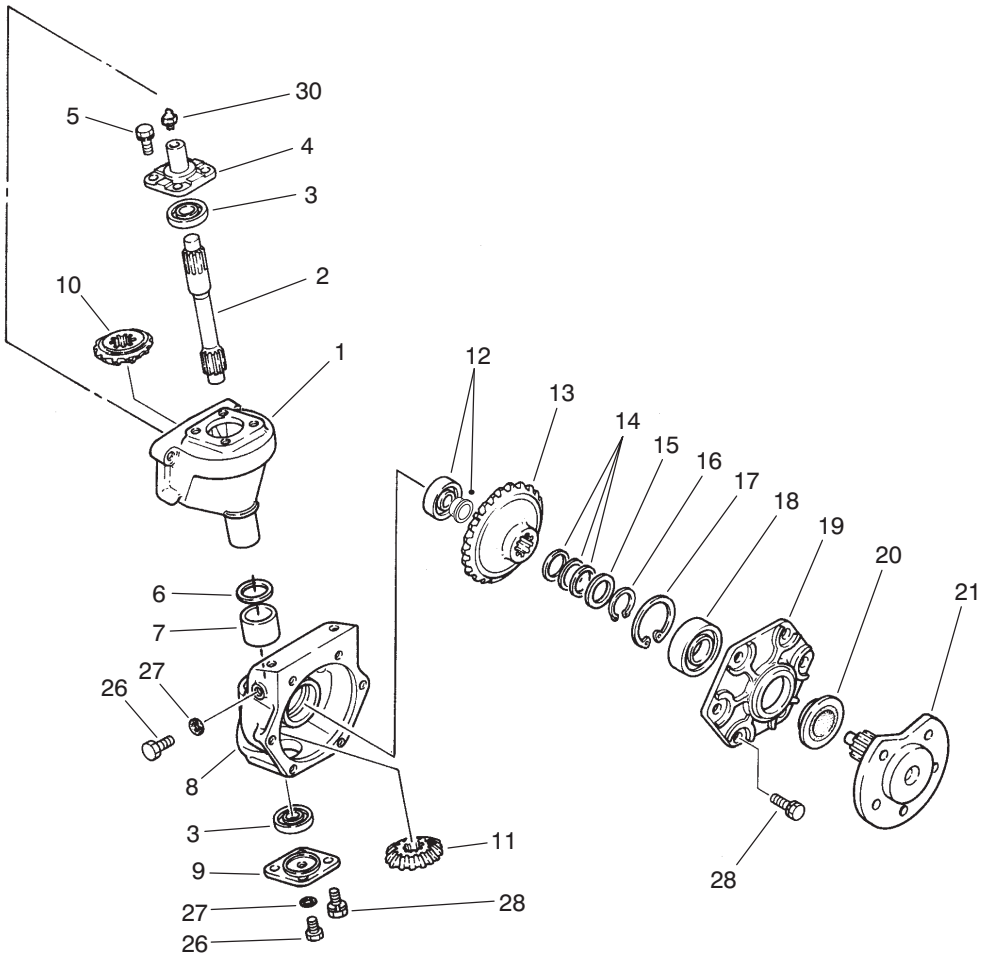
T–1111

DIFFERENTIAL & SHAFT ASSEMBLY
AXLE NO. 74–5621 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76–7250	Shaft – Drive	1
2	76–7240	Ring – Gear	1
3	76–7170	Case – Differential	1
4	76–7200	Shaft – Pinion	1
5	76–7230	Washer – Lock	4
6	76–7260	Bolt	8
7	76–7270	Pin – Spring	1
8	76–7220	Washer – Thrust	2
9	76–7190	Gear – Side	2
10	76–7180	Pinion – Mate	2
11	76–7210	Washer – Thrust	2
12	76–7280	Bearing	2
13	76–7290	Shim – 0.1 mm	A/R
*	76–7300	Shim – 0.2 mm	A/R
*	76–7310	Shim – 0.3 mm	A/R
14	76–7490	Shaft – Differential	2
15	76–7500	Bearing	4

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

*Not Illustrated



T—1110A

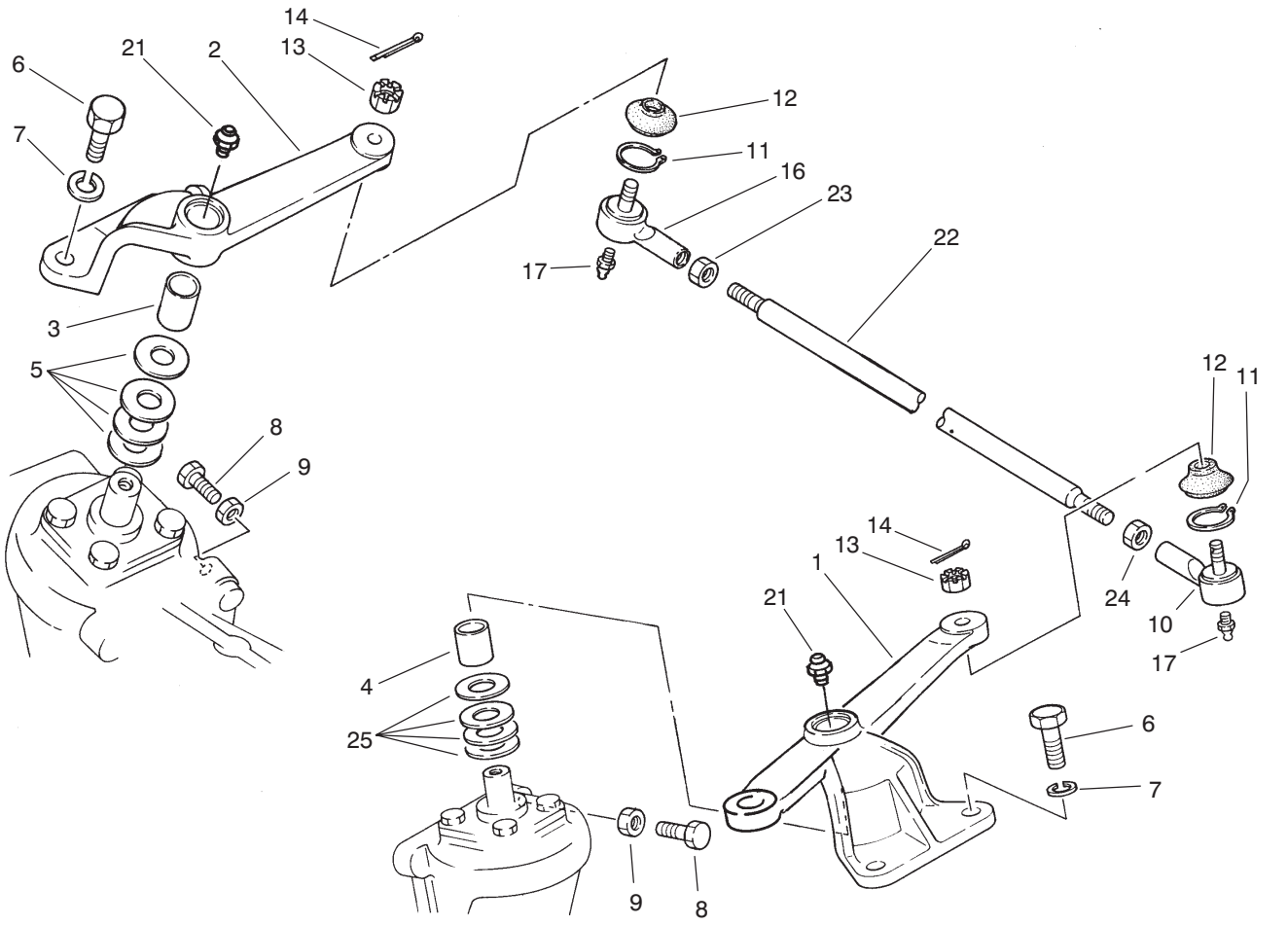
STEERING GEAR CASE ASSEMBLY
AXLE NO. 74—5621 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76—7560	Case — Gear	2
2	76—7650	Shaft — Final Drive	2
3	76—7670	Bearing	4
4	76—7660	Holder — 20 mm L.H.	1
*	76—7630	Holder — 25 mm R.H.	1
5	76—7640	Bolt	8
6	76—7740	Seal — Oil	2
7	76—7730	Bushing	2
8	76—7680	Case — Final Drive	2
9	76—7770	Cover	2
10	76—7510	Pinion — 14T	2
11	76—7750	Pinion — 15T	2
12	94—5643	Bearing	2
13	76—7840	Gear — Bevel	2

Ref. No.	Part No.	Description	No. Used
14	76—7890	Shim — 0.15 mm	A/R
*	76—7900	Shim — 0.2 mm	A/R
*	76—7910	Shim — 0.4 mm	A/R
15	76—7880	Spacer	2
16	76—7920	Ring — Retaining	2
17	76—7930	Ring — Retaining	2
18	93—7775	Bearing	2
19	76—7810	Holder — Bearing	2
20	76—7870	Seal — Oil	2
21	76—7830	Shaft — Wheel	2
26	76—7110	Plug	4
27	76—7120	Seal — Washer	4
28	76—7640	Bolt	20
30	76—7960	Fitting — Grease	2
*	77—4030	Shim Set (Incl. Ref. #14)	1

*Not Illustrated

3318–222



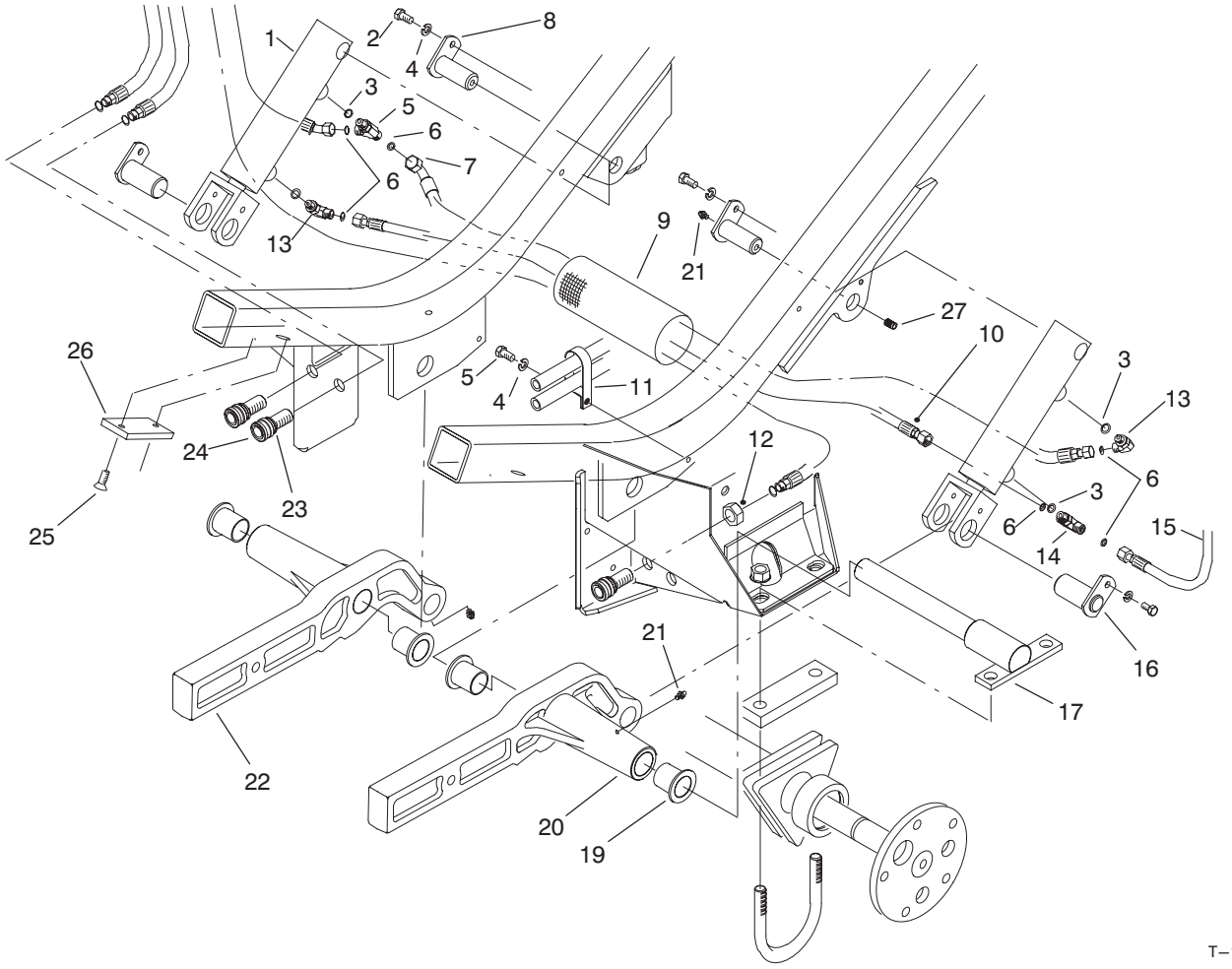
T–1108

STEERING ARM LINKAGE
AXLE NO. 74–5621 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76–7800	Arm – Drag Link	1
2	76–7940	Arm – Tie Rod	1
3	76–4260	Bushing	1
4	76–7950	Bushing	1
5	76–7820	Shim – 1.0 mm	A/R
*	76–7970	Shim – 1.4 mm	A/R
*	76–7980	Shim – 1.2 mm	A/R
*	76–7990	Shim – .08 mm	A/R
6	76–8000	Bolt	4
7	76–8010	Washer	2
8	76–7710	Bolt	2
9	76–7720	Nut	4
10	76–8030	L.H. Rod End Assembly (Incl. Ref. #11–14 & 17)	1
11	93–7783	Ring – Retaining	2
12	93–7784	Cover	2
13	93–7785	Nut – Slotted	2

Ref. No.	Part No.	Description	No. Used
14	3272–7	Pin – Cotter	2
16	76–8050	R.H. Rod End Assembly (Incl. Ref. #11–14 & 17)	1
17	93–7786	Fitting – Grease	2
21	76–7960	Fitting – Grease	2
22	76–8020	Rod – Tie	1
23	76–8060	Nut – R.H.	1
24	76–8040	Nut – L.H.	1
25	76–7700	Shim – 0.8 mm	A/R
*	76–7760	Shim – 1.0 mm	A/R
*	76–7780	Shim – 1.2 mm	A/R
*	76–7790	Shim – 1.4 mm	A/R
*	77–4050	Shim Set (Incl. Ref. #5)	1
*	77–4040	Shim Set (Incl. Ref. #25)	1

*Not Illustrated



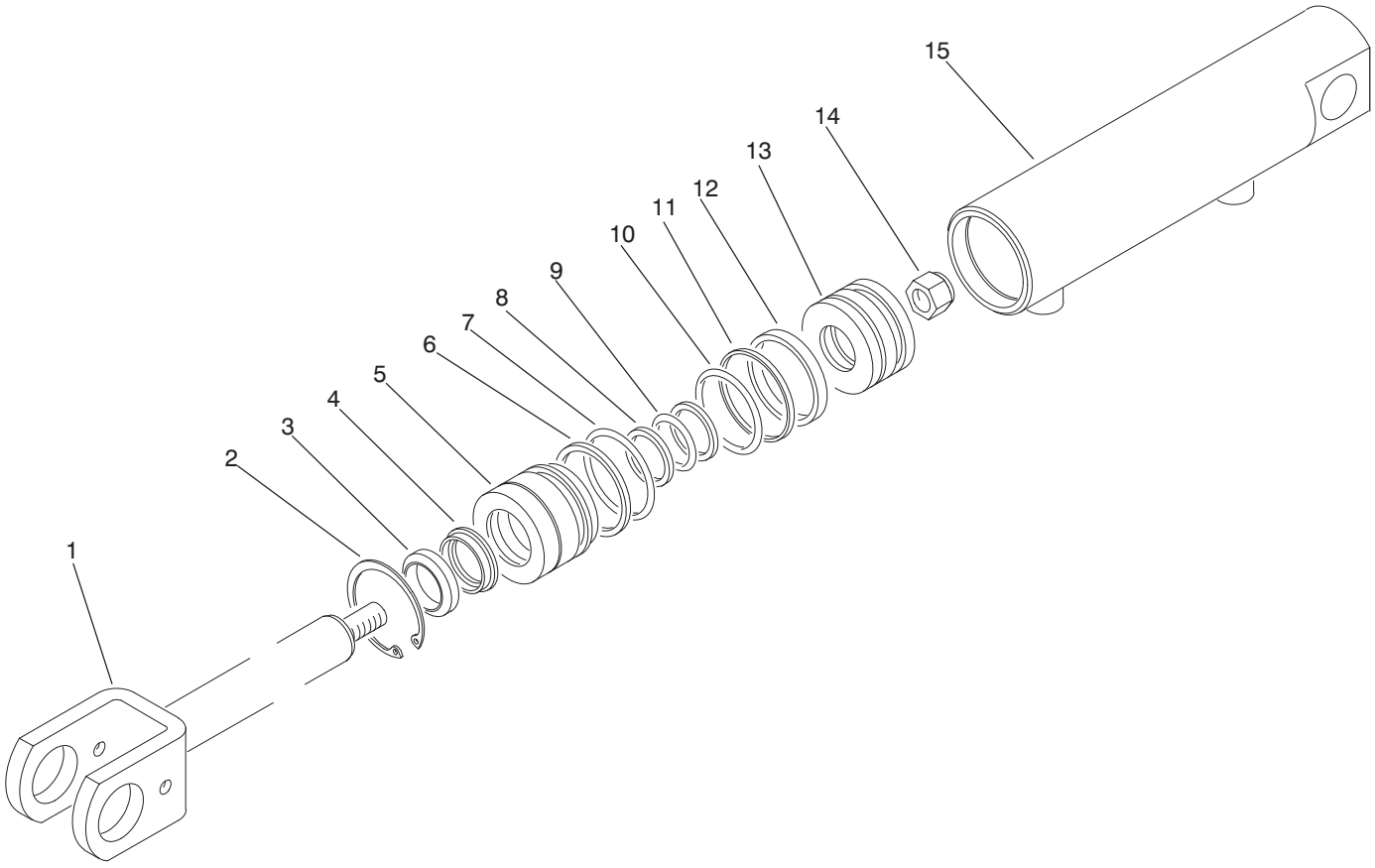
T–1505B

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	1
6	237–21	O–Ring	6
7	86–3160	Assembly – Hose	1
8	84–1350	Pin – Pivot W.A.	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˚	2
14	340–125	Fitting – Hydraulic Tee	1

Ref. No.	Part No.	Description	No. Used
15	86–3170	Hose Assembly	1
16	88–1190	Pin – Pivot W.A.	2
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	3
25	32108–58	Screw – Machine Flat Hd.	4
26	69–9300	Pad – Bumper	2
27	3247–4	Screw – Set	2

*Not Illustrated



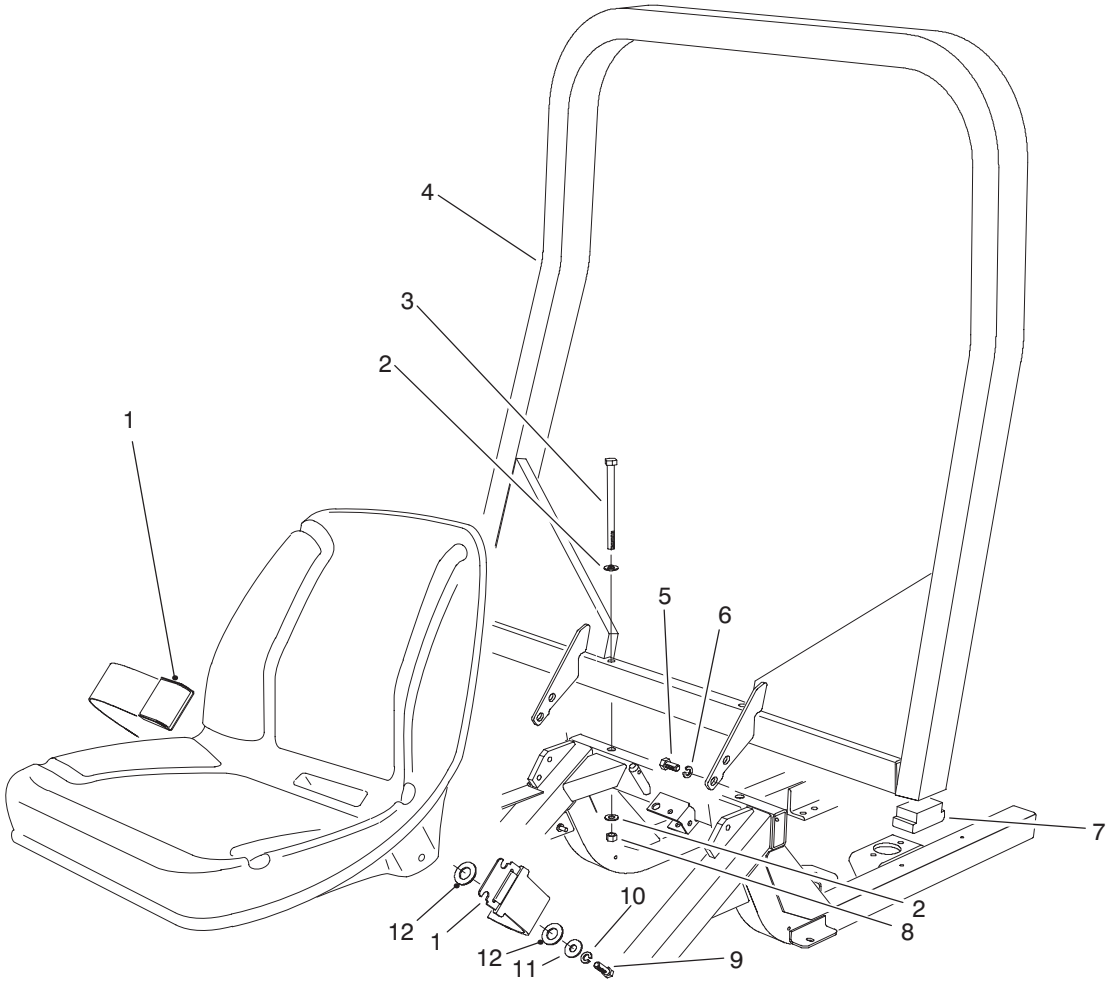
T–1490

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



T—2249

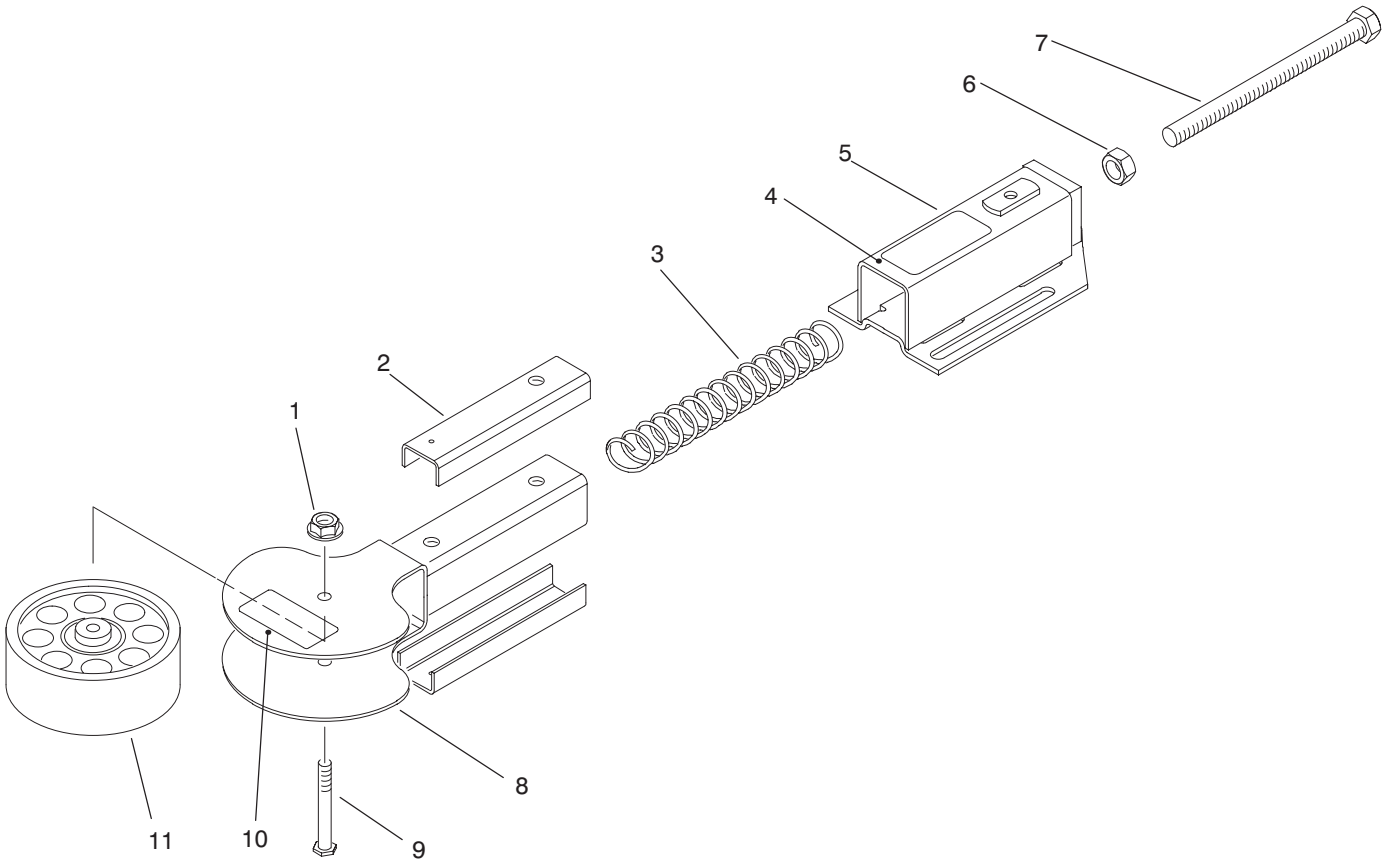
R.O.P.S. ASSEMBLY (Standard For Model No. 30455) (Optional For Model No. 30450)

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

Ref. No.	Part No.	Description	No. Used
8	3296—25	Nut — Lock	2
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
*		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



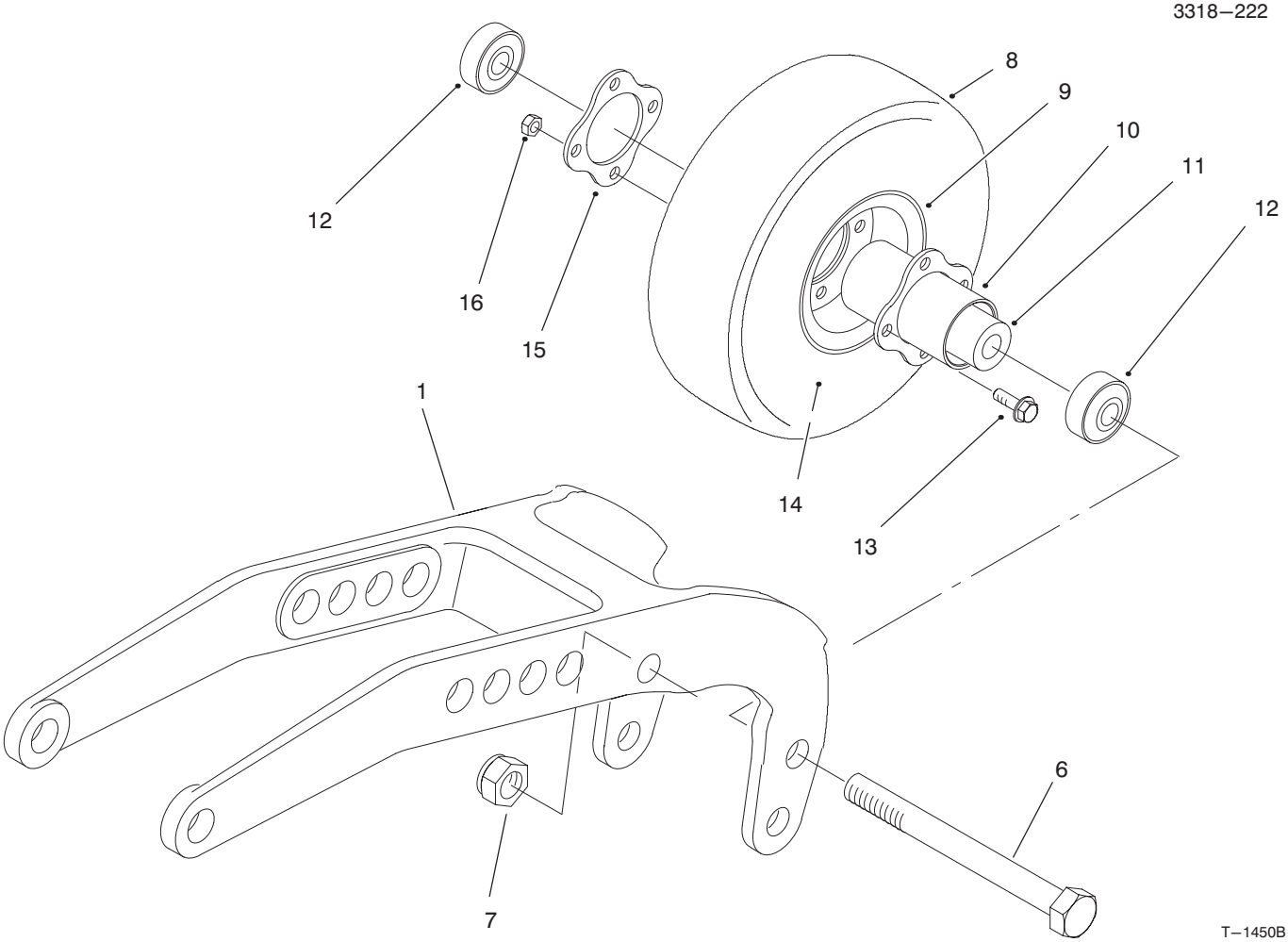
T–1451

BELT TENSION ADJUSTOR

Ref. No.	Part No.	Description	No. Used
1	32128–43	Nut – Lock, Flange Head	3
2	86–0060	Sleeve – Tube	6
3	92–7767	Spring – Compression (Wing Deck Adjustor) (Color – White)	2
*	92–7768	Spring – Compression (Center Deck Adjustor) (Color – Red)	1
4	86–2670	Decal – Pulley Adjustment	1

Ref. No.	Part No.	Description	No. Used
5	92–0626	Assembly – Tube W.A. (Incl. Ref. #4)	3
6	3217–9	Nut – Jam	3
7	86–0050	Screw – Adjusting	3
8	86–1790	Yoke W.A. – Pulley	3
9	86–2000	Bolt – Thin Head	3
10	55–4300	Decal – Warning	1
11	92–0625	Idler Pulley Assembly	3

*Not Illustrated

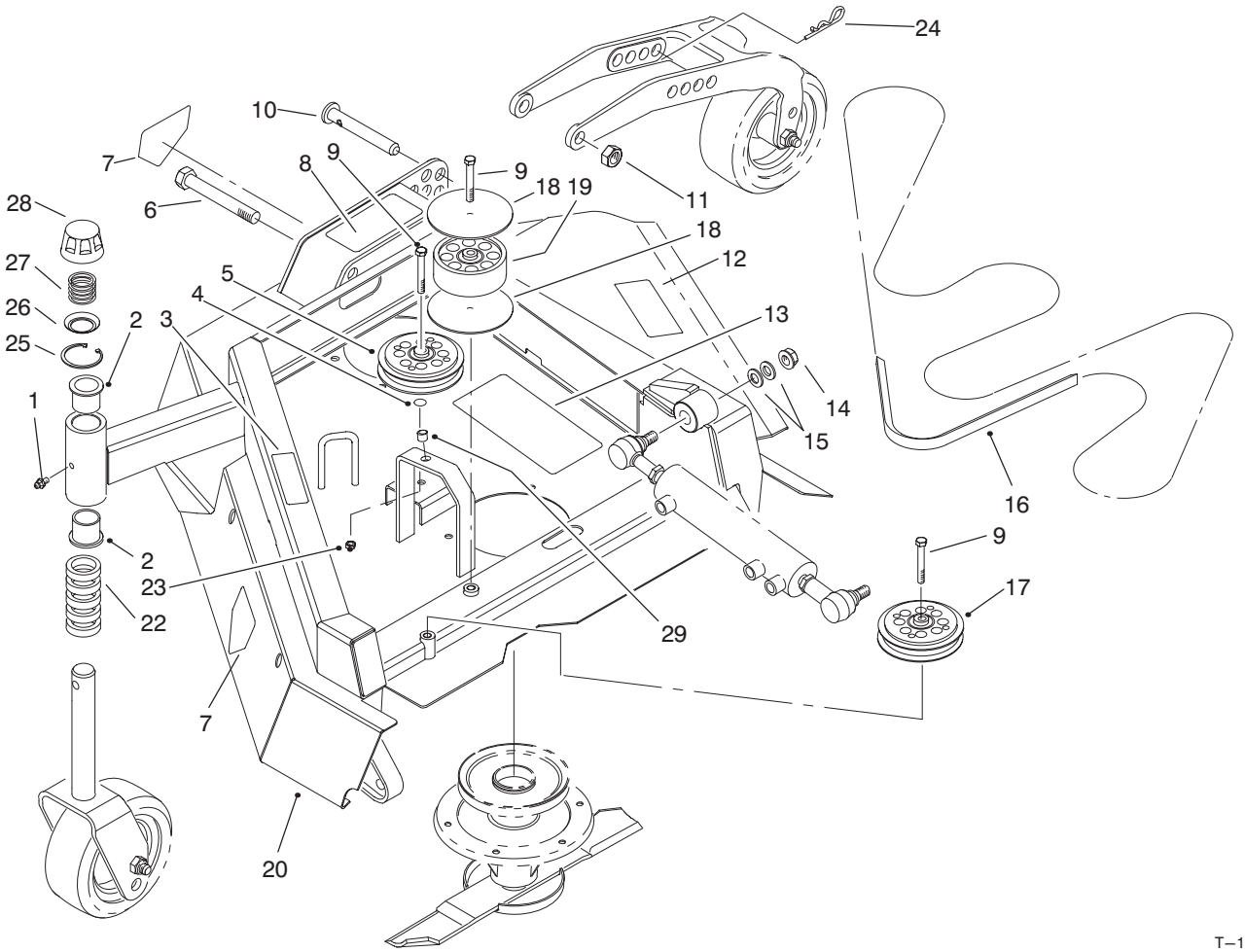


REAR PIVOT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75–9790	Arm – Pivot, Rear	2
6	327–24	Screw – Cap Hex. Hd.	2
7	3296–53	Nut – Lock	2
8	93–9939	Tire – 8″	2
9	93–4239	Rim – Wheel	4
10	93–4238	Hub	2
11	93–4241	Spacer – Bearing	2

Ref. No.	Part No.	Description	No. Used
12	93–4237	Bearing – Castor	4
13	3234–29	Screw – Cap Hex. Hd.	8
14	68–8950	Tube – w/Valve	2
15	93–4242	Plate	2
16	32128–25	Nut – Side Lock	8
*	93–9938	Assembly – Wheel, Castor (Incl. Ref. #8–16)	2

*Not Illustrated

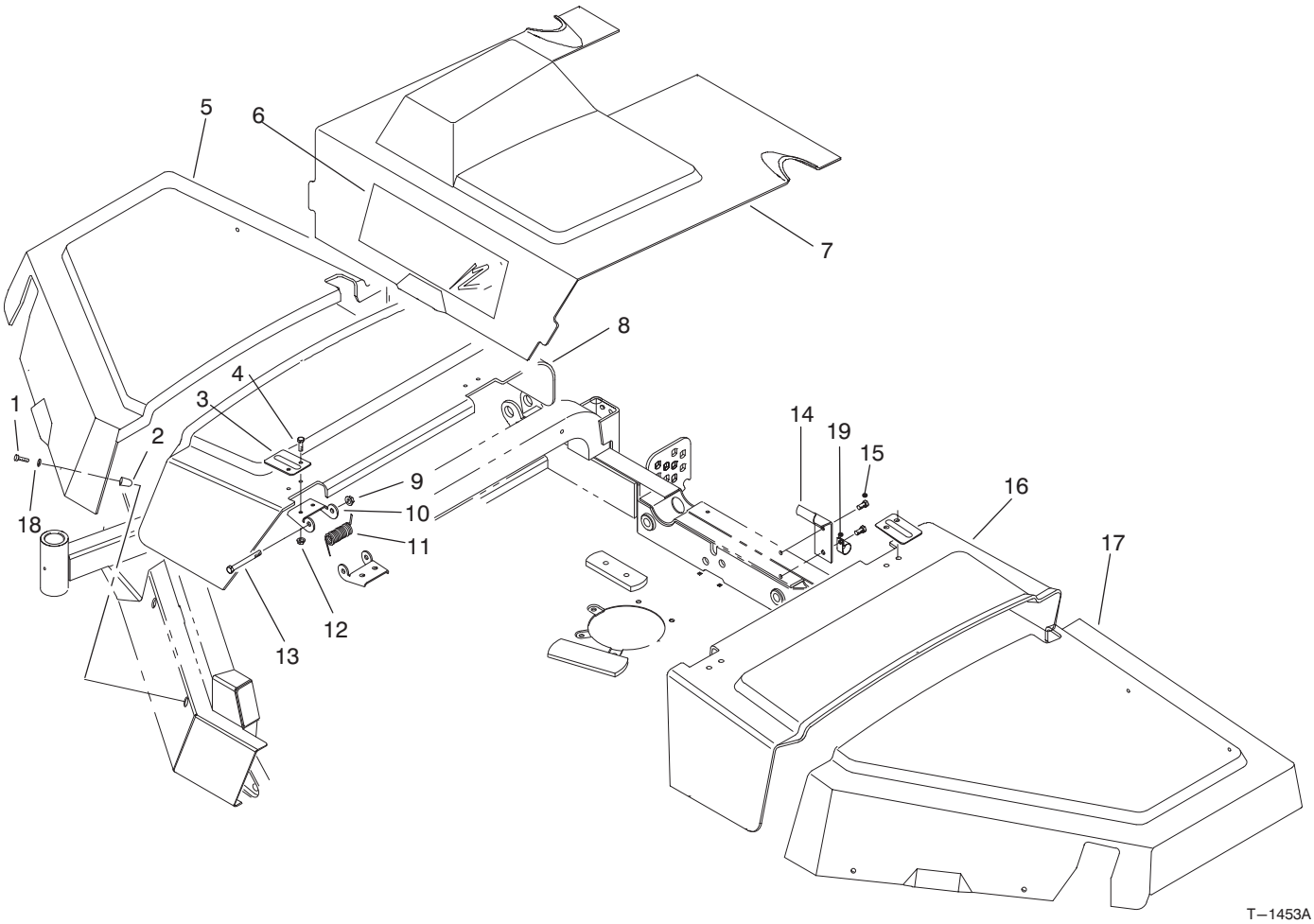


T–1452A

WING DECK ASSEMBLY – R.H.

Ref. No.	Part No.	Description	No. Used
1	302–5	Fitting – Grease	1
2	69–6470	Bushing	2
3	85–6410	Decal – Danger	1
4	3256–35	Washer – Flat	1
5	92–9721	Idler Pulley Assembly	1
6	3216–6	Screw – Cap Hex. Hd.	1
7	43–8480	Decal – Danger	2
8	86–0700	Decal	1
9	323–13	Screw – Cap Hex. Hd.	3
10	86–2010	Pin – H.O.C. Pivot	1
11	3296–15	Nut – Lock	1
12	66–1340	Decal – Danger	1
13	86–0760	Decal	1
14	32128–54	Nut – Flange	1
15	86–1440	Washer – Flat	2
16	86–1960	V–Belt	1

Ref. No.	Part No.	Description	No. Used
17	92–9722	Idler Pulley Assembly	1
18	86–2600	Washer – Guide, Belt	2
19	92–0625	Idler Pulley Assembly	1
20	92–7758	Wing Deck Assembly R.H. (Incl. Ref. #2, 3, 7, 8, 12, 13 & 29)	1
22	69–1510	Spacer – Fork	5
23	3296–39	Nut – Lock	1
24	3290–256	Pin – Cotter, Hair	1
25	92–5581	Ring – Retaining, Internal	1
26	92–5583	Washer	1
27	92–9726	Spring – Compression	1
28	92–8861	Cap	1
29	32148–10	Insert – Threaded	1
*	92–9727	Assembly – Cap, H.O.C. (Incl. Ref. #25–28)	1

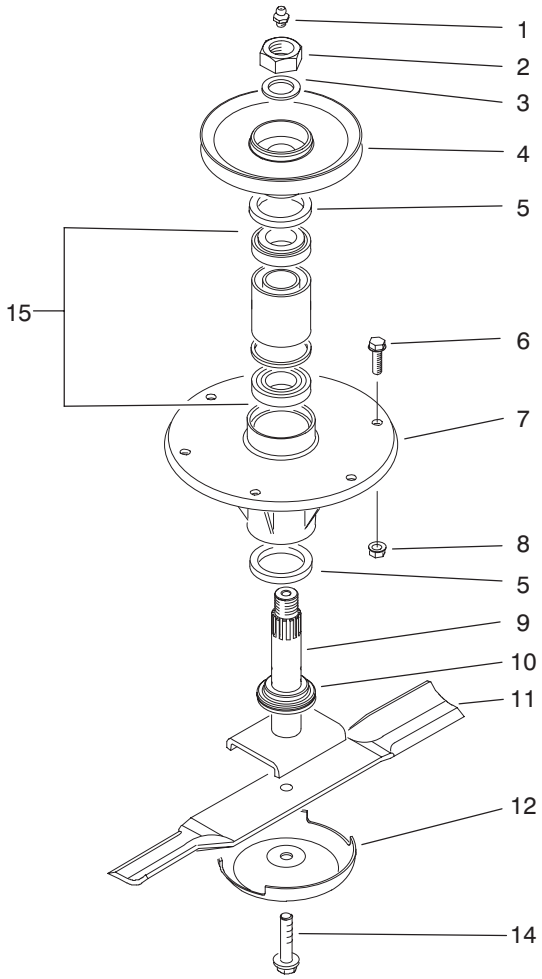


T—1453A

COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3250—20	Screw — Pan Phil. Hd.	8
2	86—0790	Button — Guard	8
3	86—1900	Plate — Hinge	4
4	3234—29	Screw — Cap Flange Head	8
5	86—1840	Cover — Right Hand	1
6	86—0770	Decal — Quadfloat	1
7	86—1860	Cover — Center	1
8	86—1870	Cover — Center, Right Hand	1
9	3296—59	Nut — Lock, Flange Head	4
10	86—1890	Hinge	4

Ref. No.	Part No.	Description	No. Used
11	86—1920	Spring — Torsion	2
12	32128—20	Nut — Lock, Flange Head	8
13	323—15	Screw — Cap Hex. Head	4
14	86—2660	Stop — Cover	1
15	32144—70	Screw	2
16	86—1880	Cover — Center, Left Hand	1
17	86—1850	Cover — Left Hand	1
18	3256—67	Washer — Flat	8
19	2412—138	Clamp — R	1

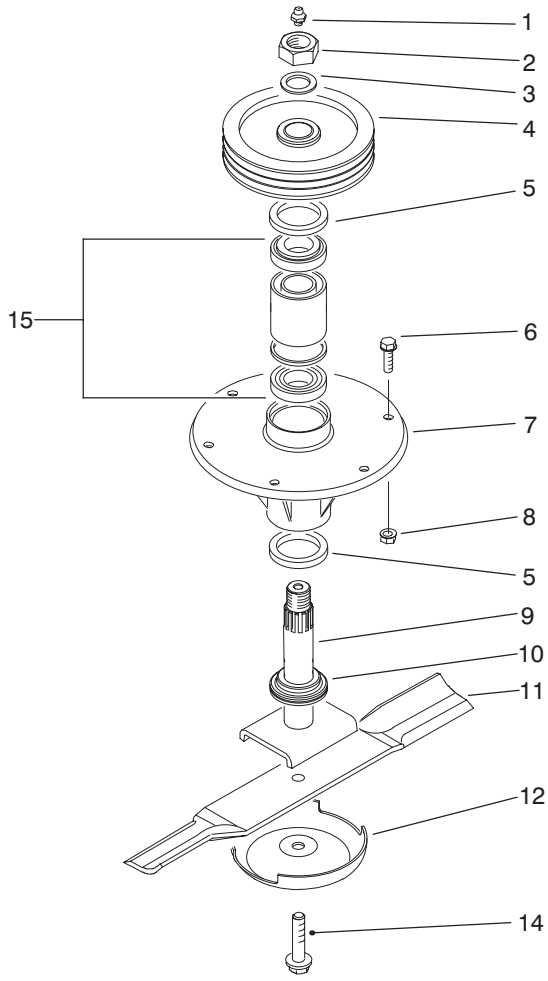


T–1327A

SPINDLE ASSEMBLY (Wings)

Ref. No.	Part No.	Description	No. Used
1	302–2	Fitting – Grease	1
2	3296–49	Nut – Lock	1
3	86–1480	Washer	1
4	86–1700	Pulley	1
5	253–154	Seal – Oil	2
6	3234–11	Screw – Hex. Flange Head	6
7	69–1530	Housing – Spindle	1

Ref. No.	Part No.	Description	No. Used
8	3290–357	Nut – Flange	6
9	86–2340	Shaft – Spindle	1
10	92–9800	Spacer – Spindle	1
11	86–0010	Blade – 19”	1
12	72–9361	Cup – Anti–Scalp	1
14	92–5816	Bolt – Blade	1
15	71–2530	Assembly – Bearing	1

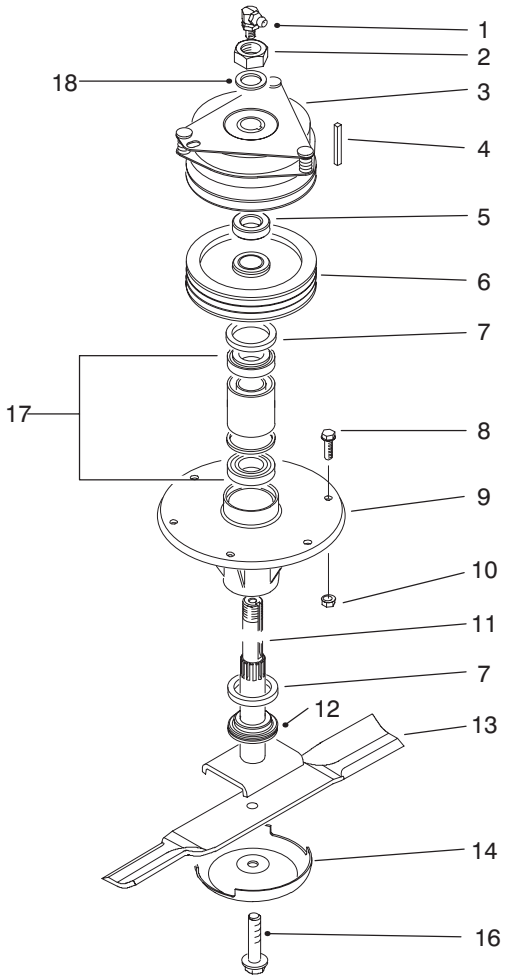


T—1328A

SPINDLE ASSEMBLY (Center)

Ref. No.	Part No.	Description	No. Used
1	302—2	Fitting — Grease	1
2	3296—49	Nut — Lock	1
3	86—1480	Washer	1
4	84—0780	Pulley	1
5	253—154	Seal — Oil	2
6	3234—11	Screw — Hex. Flange Head	6
7	69—1530	Housing — Spindle	1

Ref. No.	Part No.	Description	No. Used
8	3290—357	Nut — Lock, Flange Head	6
9	86—2340	Shaft — Spindle	1
10	92—9800	Spacer — Spindle	1
11	86—0010	Blade — 19”	1
12	72—9361	Cup — Anti—Scalp	1
14	92—5816	Bolt — Blade	1
15	71—2530	Assembly — Bearing	1

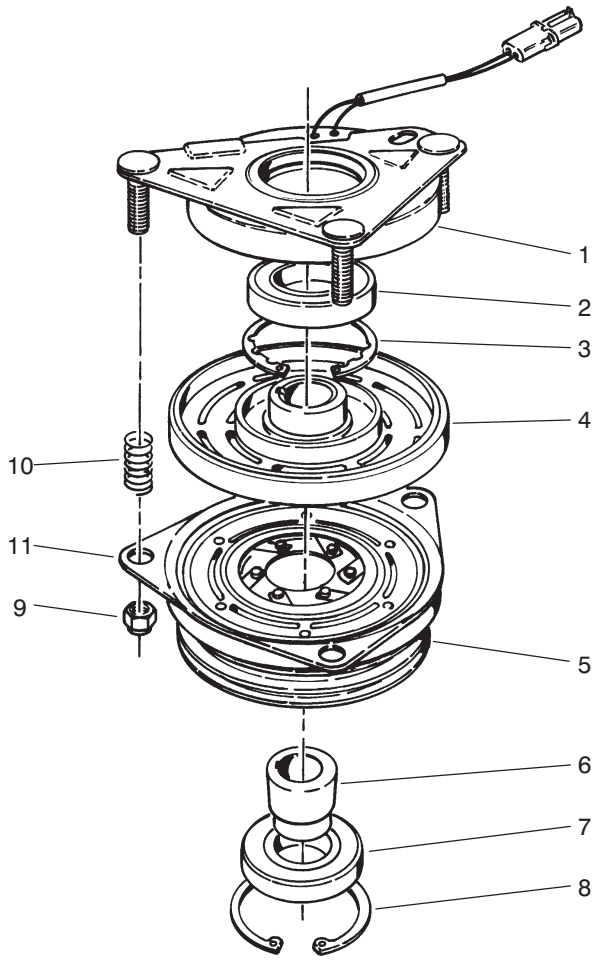


T–1329A

SPINDLE ASSEMBLY (Clutch)

Ref. No.	Part No.	Description	No. Used
1	302–33	Fitting – Grease 90°	1
2	3296–49	Nut – Lock	1
3	86–1710	Assembly – Clutch, Elect.	1
4	68–3220	Key – Square	1
5	86–1740	Spacer	1
6	84–0780	Pulley	1
7	253–154	Seal – Wave	2
8	3234–11	Screw – Hex. Flange Head	6
9	69–1530	Housing – Spindle	1

Ref. No.	Part No.	Description	No. Used
10	3290–357	Nut – Flange	6
11	86–2360	Shaft – Spindle	1
12	92–9800	Spacer – Spindle	1
13	86–0010	Blade – 19”	1
14	72–9361	Cup – Anti–Scalp	1
16	92–5816	Bolt – Blade	1
17	71–2530	Assembly – Bearing	1
18	86–1480	Washer	1

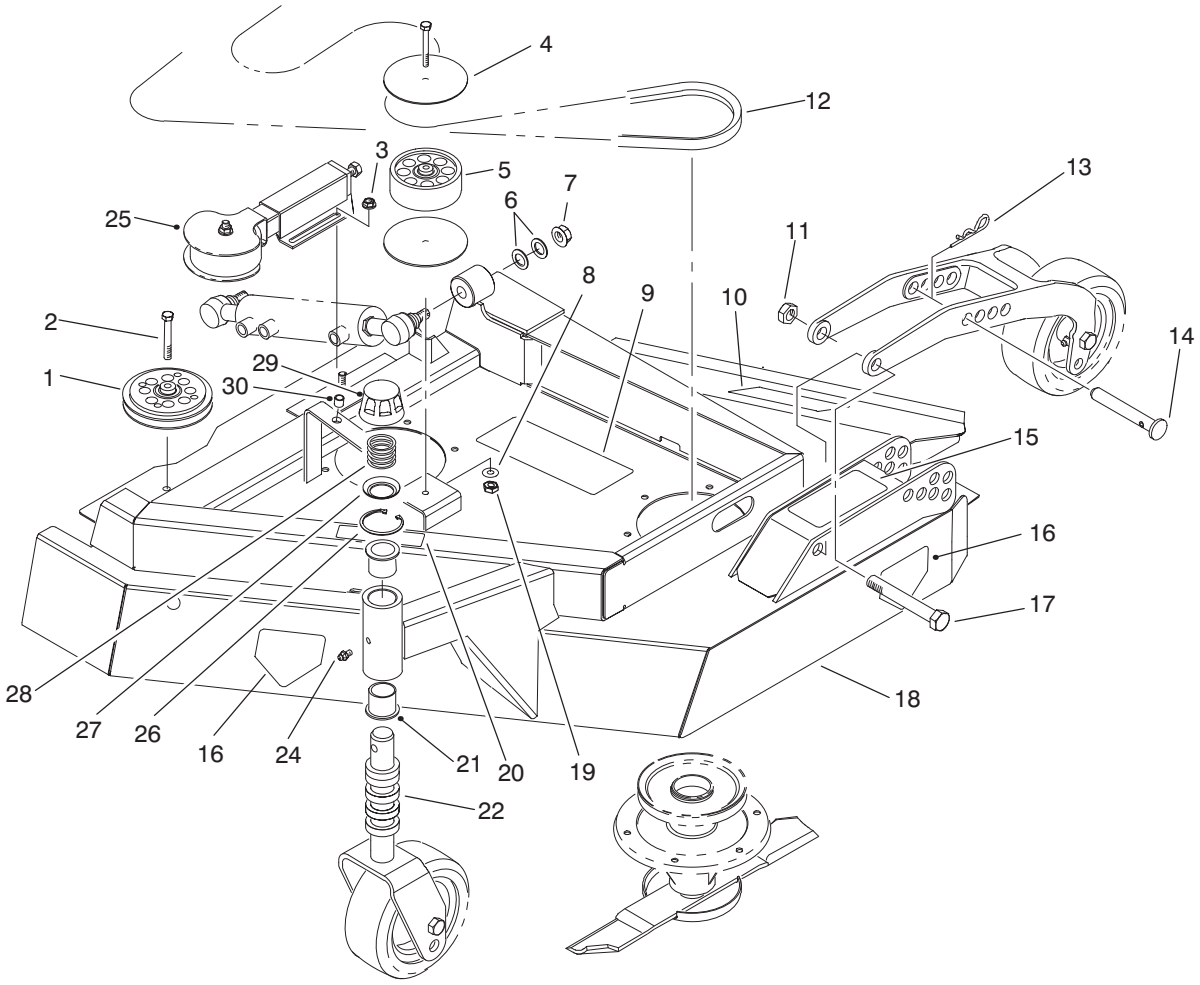


T—0544

CLUTCH ASSEMBLY NO. 86—1710

Ref. No.	Part No.	Description	No. Used
1	67—7050	Field Rotor Assembly (Incl. Ref. #2—4)	1
2		Bearing — Field	1
3		Ring — Retaining	1
4		Field Coil Assembly	1
5	92—0627	Armature & Pulley Assy. (Incl. Ref. #6—8)	1

Ref. No.	Part No.	Description	No. Used
6	67—7080	Collar — Bearing	1
7	67—7090	Bearing — Pulley	1
8	67—7060	Ring — Retaining	1
9	3296—6	Nut — Lock	3
10	44—8320	Spring	3
11	67—7100	Plate — Brake	1

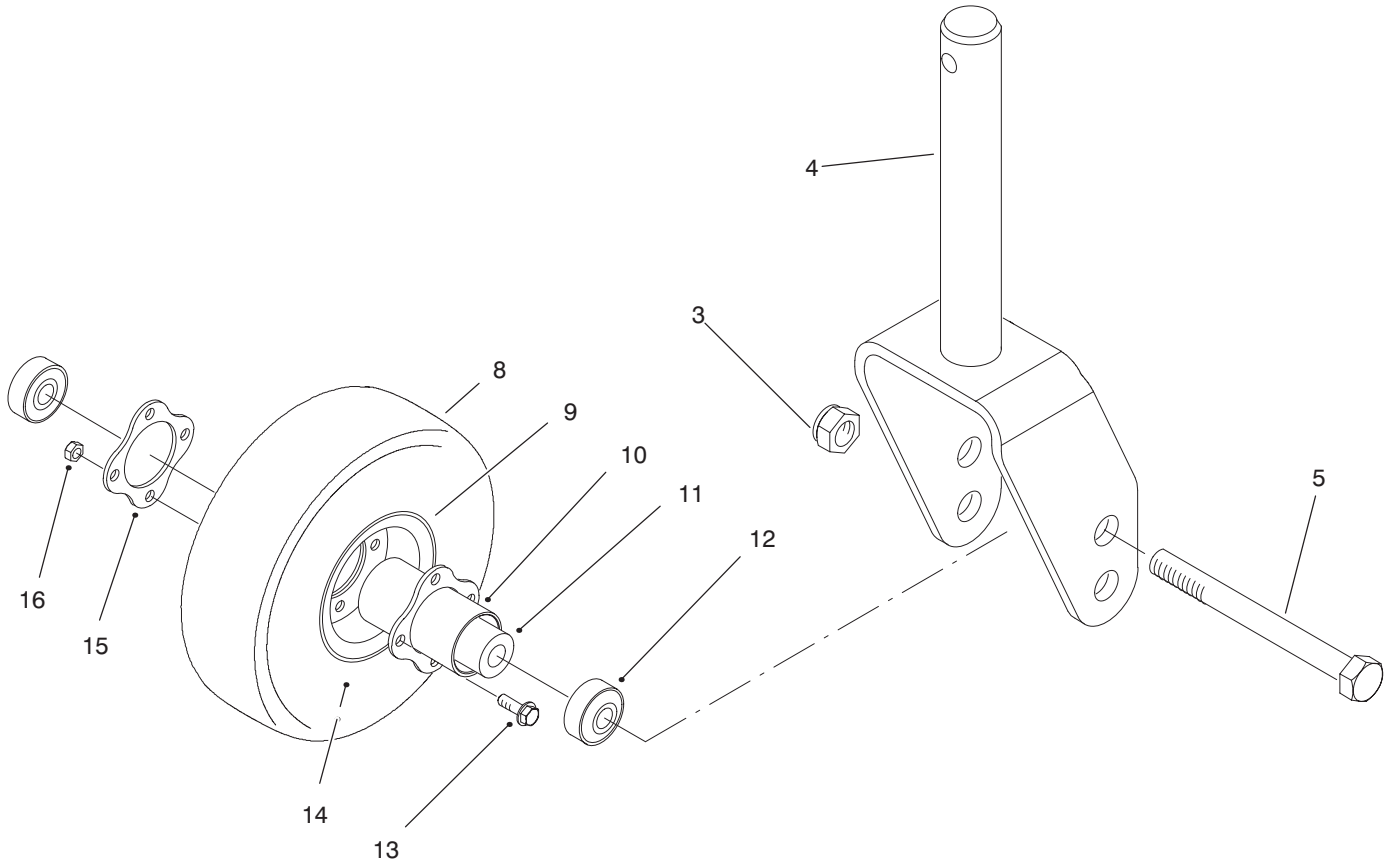


T–1454A

WING DECK ASSEMBLY – L.H.

Ref. No.	Part No.	Description	No. Used
1	92–9722	V–Idler Pulley Assembly	2
2	323–13	Screw – Cap Hex. Hd.	2
3	32128–19	Nut – Lock Flange Hd.	2
4	86–2600	Washer – Belt Guide	2
5	92–0625	Idler Pulley Assembly	1
6	86–1440	Washer – Flat	2
7	32128–54	Nut – Flange	1
8	53–6380	Washer – Flat	1
9	86–0750	Decal – Belt LH	1
10	66–1340	Decal – Danger	1
11	3296–15	Nut – Lock	1
12	86–1960	V–Belt	1
13	3290–256	Pin – Cotter Hair	1
14	86–2010	Pin – H.O.C., Wing	1
15	86–0710	Decal – H.O.C. Wing LH	1
16	43–8480	Decal – Danger	2
17	3216–6	Screw – Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
18	92–7756	Deck – Wing, LH (Incl. Ref. #9, 10, 15, 16, 20, 21 & 30)	1
19	3296–39	Nut – Lock	1
20	85–6410	Decal – Danger	1
21	69–6470	Bushing	2
22	69–1510	Spacer	5
24	302–5	Fitting – Grease	1
25		Adjuster – Wing Deck (See page 72)	1
26	92–5581	Ring – Retaining, Internal	1
27	92–5583	Washer	1
28	92–9726	Spring – Compression	1
29	92–8861	Cap	1
30	32148–10	Insert – Threaded	1
*	92–9727	Assembly – Cap, H.O.C. (Incl. Ref. #26–29)	1



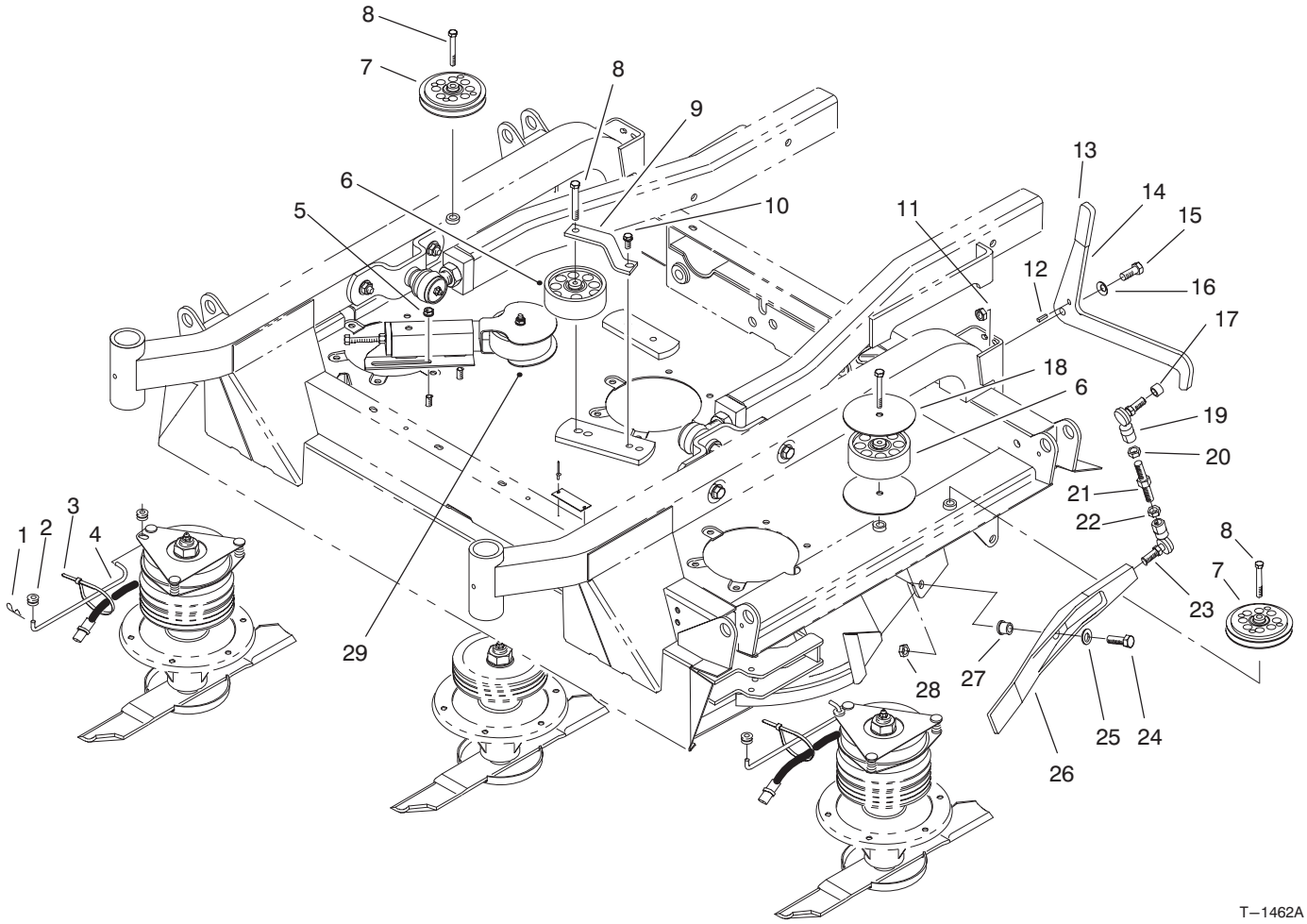
T–1461B

FRONT CASTOR FORK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
3	3296–53	Nut – Lock	2
4	92–7750	Fork (Used on Wing Units)	2
*	92–7752	Fork (Used on Center Unit)	2
5	327–24	Screw – Cap Hex. Hd.	2
8	93–9939	Tire – 8″	2
*	93–4243	Tire – 10″	2
9	93–4239	Rim – Wheel	4
10	93–4238	Hub	2
11	93–4241	Spacer – Bearing	2
12	93–4237	Bearing – Castor	4
13	3234–29	Screw – Hex. Flange Hd.	8
14	68–8950	8” Tube – w/Valve	2
*	93–4244	10” Tube – w/Valve	2

Ref. No.	Part No.	Description	No. Used
15	93–4242	Plate	2
16	32128–25	Nut – Side Lock	8
*17	251–321	Bearing – Castor	4
*18	302–40	Fitting – Grease 90°	2
*19	251–332	Spacer – Bearing	2
*	93–9938	Wheel – 8″ (Used on Wing Units) (Incl. Ref. #8–16)	2
*	93–4240	Wheel – 10″ (Used on Center Unit) (Incl. Ref. #8–16)	2
*	76–1880	Segmented 10” Wheel Optional (Incl. Ref. #17–19)	2

*Not Illustrated

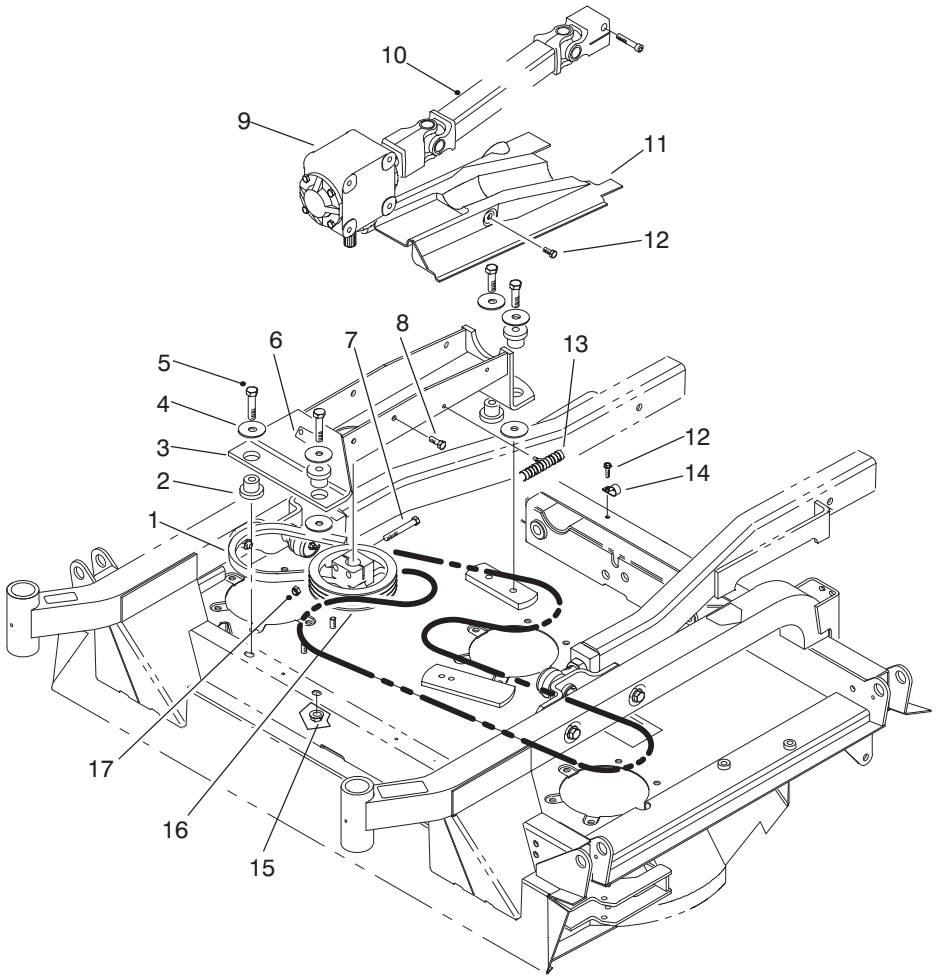


T–1462A

CENTER DECK PULLEY ASSEMBLIES

Ref. No.	Part No.	Description	No. Used
1	3290–467	Pin – Hair, Cotter	2
2	237–141	Grommet – Rubber	4
3	3290–378	Tie – Cable	2
4	86–2590	Rod – Clutch	2
5	32128–19	Nut – Lock, Flange Hd.	2
6	92–0625	Idler Pulley Assembly	2
7	92–9722	Idler Pulley Assembly	2
8	323–13	Screw – Cap Hex. Hd.	4
9	86–1820	Bracket – Pulley	1
10	32144–70	Screw – Hex. Flange Hd.	1
11	3296–25	Nut – Lock	2
12	32121–11	Pin – Roll	2
13	48–7081	Cover – Handle	2
14	86–2400	Latch – Arm	2
15	325–5	Screw – Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
16	3290–483	Washer – Belleville	2
17	86–1560	Spacer	2
18	86–2600	Washer	2
19	86–1490	Rod End – LH Thread	2
20	3220–12	Nut – Jam LH Thread	2
21	86–1570	Rod – Threaded	2
22	3220–5	Nut – Jam	2
23	86–1550	Rod End – RH Thread	2
24	325–7	Screw – Cap Hex. Hd.	2
25	3256–26	Washer – Flat	2
26	92–4033	Door Trap	2
27	256–243	Bushing	2
28	3296–45	Nut – Lock	2
29		Adjuster – Center Deck (See page 72)	1



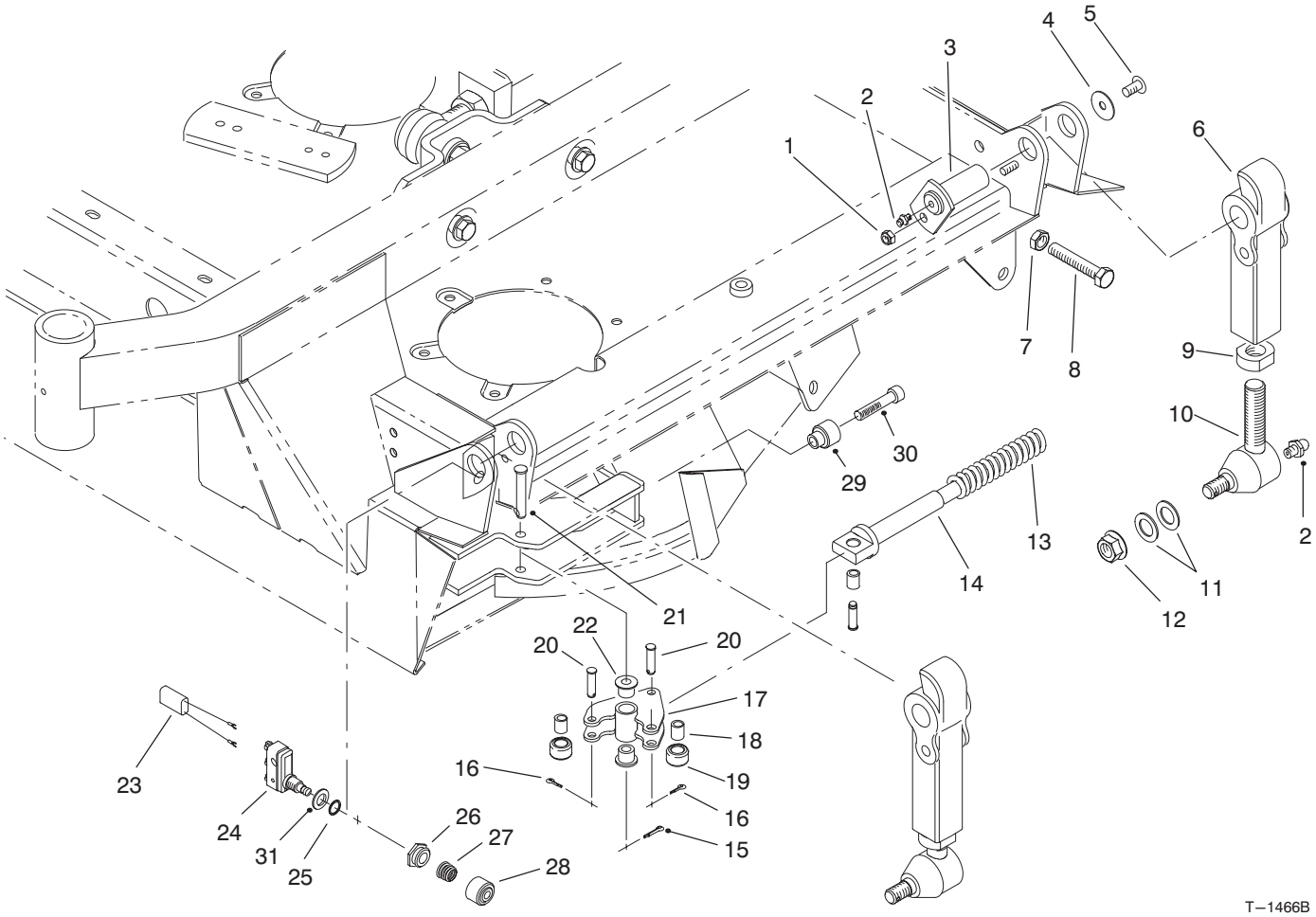
T–1455A

GEAR BOX, MOUNT & DRIVE SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	86–1970	V–Belt	1
2	84–1550	Mount – Rubber	4
3	86–2020	Support – Gear Box	1
4	86–1990	Washer	6
5	325–9	Screw – Cap Hex. Hd.	4
6	70–2560	Decal – Lube	1
7	323–14	Screw – Cap Hex. Hd.	2
8	3234–1	Screw – Cap Hex. Hd.	4
9	86–3090	Gear Box	1
10	86–1730	Drive Shaft	1

Ref. No.	Part No.	Description	No. Used
11	86–1830	Cover – Drive Shaft	1
12	32144–70	Screw – Hex. Flange Hd.	3
13	86–1910	Wire Harness	1
14	2412–138	Clamp–R	1
15	32128–23	Nut – Hex. Flange Hd.	4
16	86–1410	Pulley – Gearbox 6.50 Dia.	1
*	86–3100	Pulley – Gearbox 7.50 Dia. (Optional)	1
17	3296–39	Nut – Lock	2

*Not Illustrated

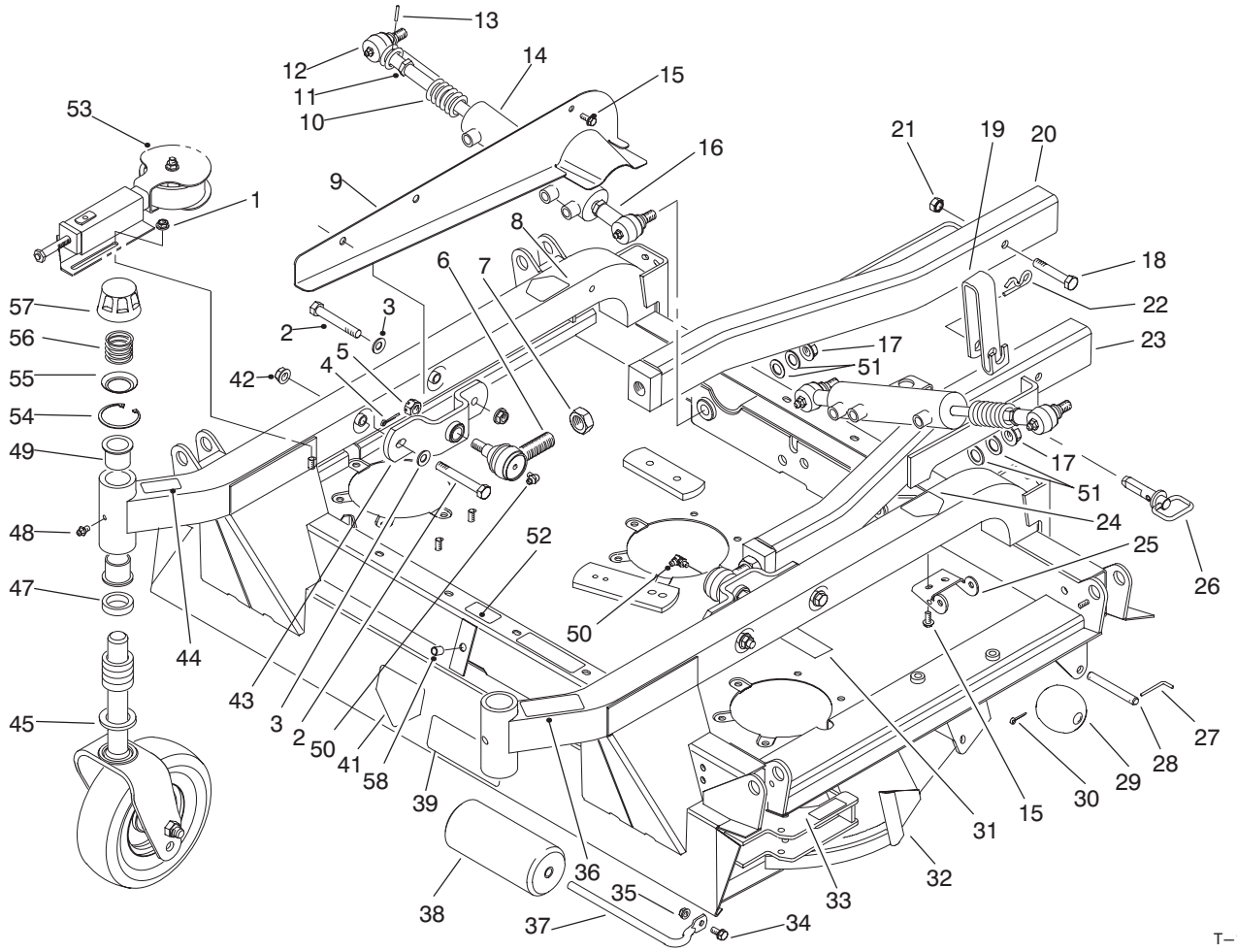


PIVOT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–29	Nut – Lock	2
2	302–5	Fitting – Grease	8
3	84–1350	Pin – Pivot	2
4	53–6380	Washer	4
5	323–4	Screw – Hex. Hd	4
6	84–0800	Arm – Pivot	4
7	3218–18	Nut – Jam	2
8	60–9870	Screw	2
9	86–2070	Nut	4
10	86–2080	Ball Joint (Incl. Ref. #2)	4
11	86–1440	Washer – Lock	8
12	32128–54	Nut – Flange	8
13	86–2560	Spring	2
14	86–2650	Support – Spring	2
15	3272–9	Pin – Cotter	2
16	3272–5	Pin – Cotter	6

Ref. No.	Part No.	Description	No. Used
17	86–2150	Lock W.A.	2
18	86–2090	Bushing	6
19	86–2120	Roller	4
20	283–61	Pin – Clevis	6
21	86–2130	Pin – Clevis	2
22	86–2180	Bushing	4
23	72–3790	Wire Assembly	2
24	86–2680	Switch	2
*	86–2681	Switch Hardware Packet (Incl. Ref. #25–28)	1
25		Washer	2
26		Nut	2
27		Spring	2
28		Boot	2
29	92–4036	Cap – Rod	2
30	92–4037	Screw – Hex. Socket Hd.	2
31	41–8440	Washer	2

*Not Illustrated



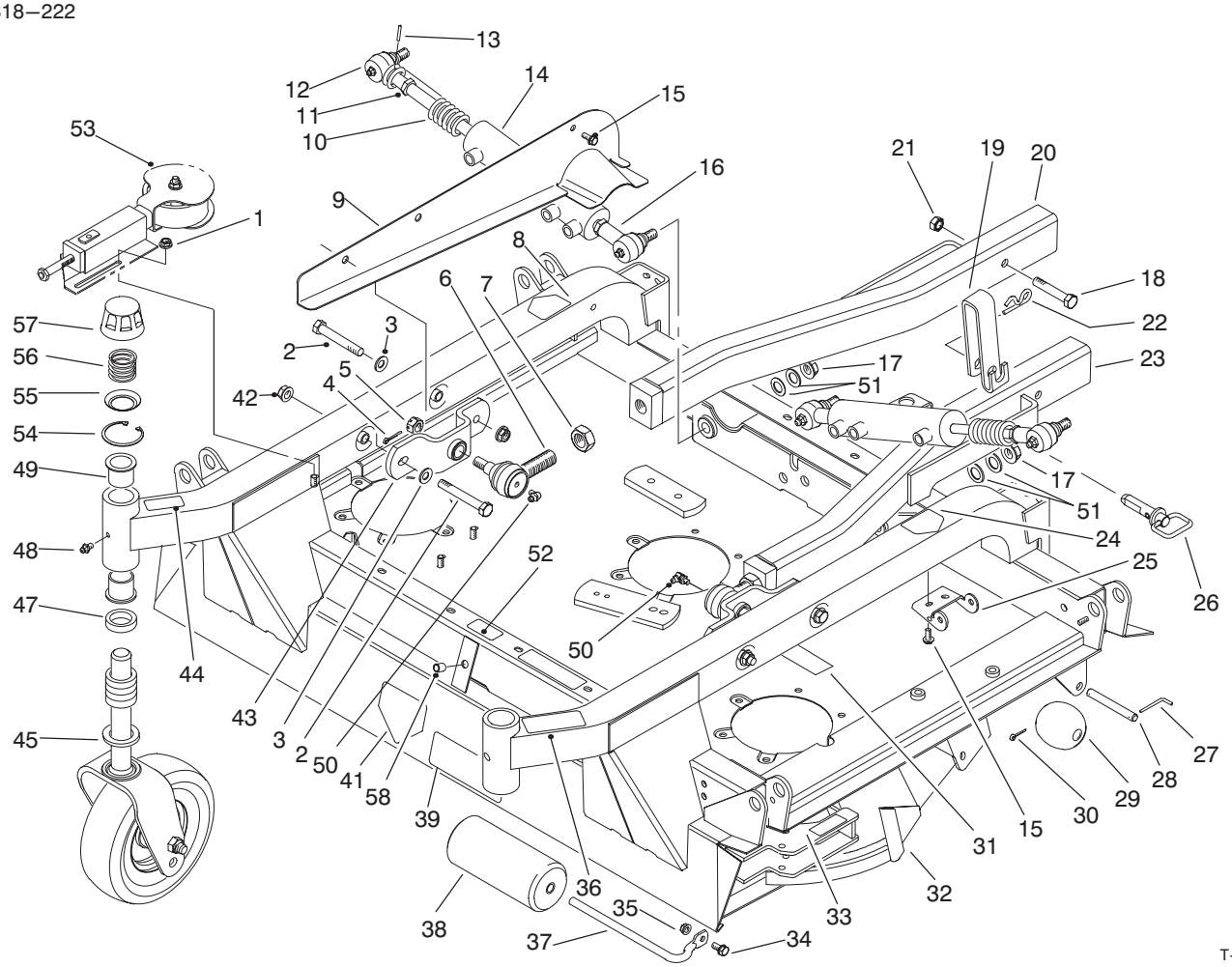
T–1459B

CENTER DECK & CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128–19	Nut – Flange Hd.	2
2	325–35	Screw – Cap Hex. Hd.	4
3	3256–26	Washer – Flat	4
4	3272–12	Pin – Cotter	2
5	32136–2	Nut	2
6	86–8100	Ball – Joint	2
7	21–3000	Nut	2
8	86–0730	Decal – HOC, RH	1
9	86–2230	Cover – Guide, RH	1
*	86–2260	Cover – Guide, LH	1
10	86–2510	Spring	2
11	84–5300	Nut	4
12	92–5810	Ball Joint	2
13	32121–51	Pin – Roll	2
14	86–2190	Cylinder – Hydraulic	2
15	32144–41	Screw – Hex. Washer Hd.	12
16	92–5811	Ball Joint	2
17	32128–54	Nut – Flange	2
18	325–11	Screw – Cap Hex. Hd.	2
19	86–2380	Strap – Deck H.O.C.	2
20	86–2280	Frame – Carrier, RH	1
21	3296–23	Nut – Lock	2
22	3290–256	Pin – Cotter, Hair	2
23	86–2320	Frame – Carrier, LH	1
24	86–0720	Decal – HOC, LH	1
25	86–1890	Hinge	4

Ref. No.	Part No.	Description	No. Used
26	86–2390	Pin – HOC	2
27	57–0690	Pin	2
28	57–0680	Shaft	2
29	29–4820	Roller	2
30	3272–11	Pin – Cotter	2
31	86–0740	Decal – Belt	1
32	92–7757	Deck W.A. – Center (Incl. Ref. #8, 24, 31, 33, 36, 39, 41, 44, 49 & 58)	1
33	55–4300	Decal – Warning	2
34	3234–1	Screw – Hex. Flange Hd.	1
35	32128–21	Nut – Flange Hd.	1
36	86–0780	Decal – HOC	1
37	68–6840	Shaft	1
38	68–6710	Roller	1
39	68–8340	Decal – Caution	1
41	43–8480	Decal – Danger	1
42	32128–23	Nut – Flange Hd.	2
43	69–7290	Mount – Carrier	2
44		Decal – Safety Std.	1
45	77–0950	Washer	2
47	69–1510	Spacer	10
48	302–5	Fitting – Grease	2
49	69–6470	Bushing	4
50	302–60	Fitting – Grease 90°	2
51	86–1440	Washer – Flat	4

*Not Illustrated

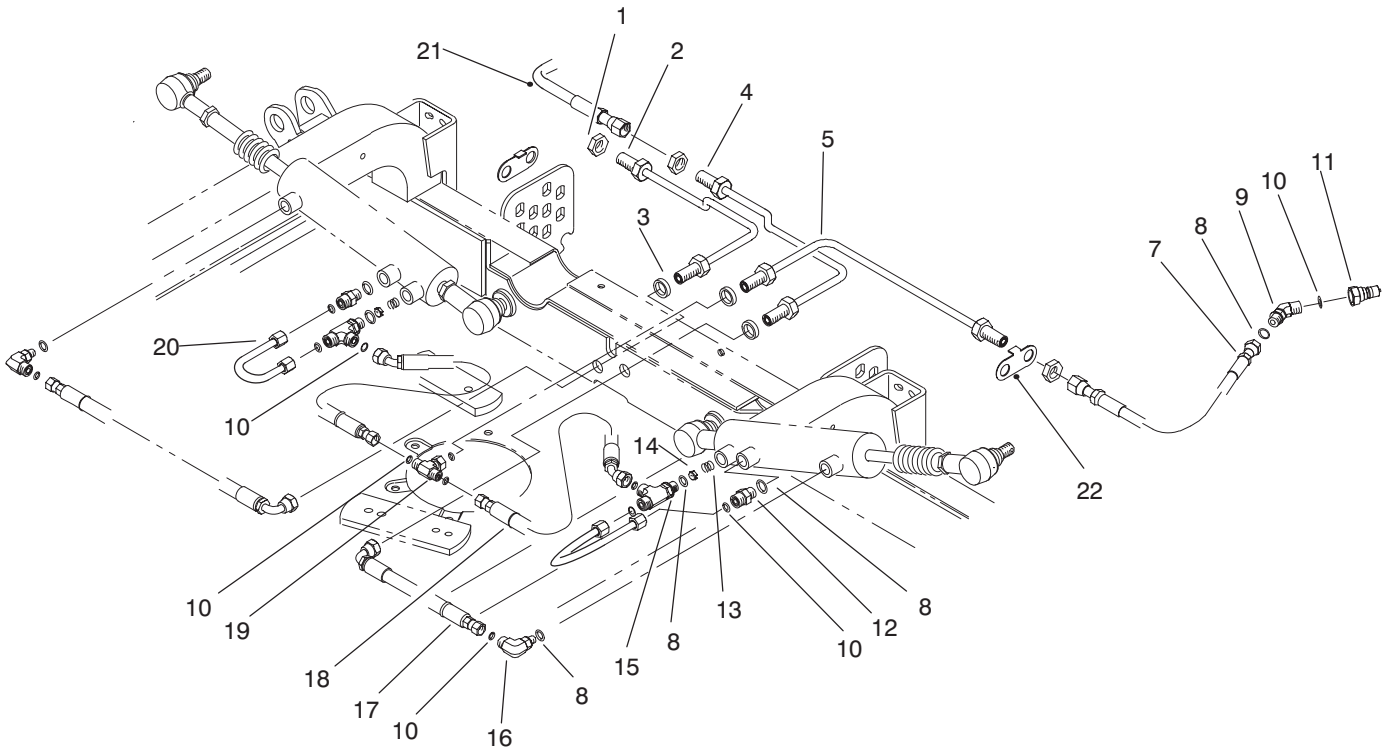


T–1459B

CENTER DECK & CARRIER FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	85–6410	Decal – Danger	1
53		Adjuster – Wing Deck (See page 72)	1
54	92–5581	Ring – Retaining, Internal	2
55	92–5583	Washer	2
56	92–9726	Spring – Compression	2
57	92–8861	Cap	2
58	32148–10	Insert – Threaded	1
*	92–9727	Assembly – Cap, H.O.C. (Incl. Ref. #54–57)	2

*Not Illustrated



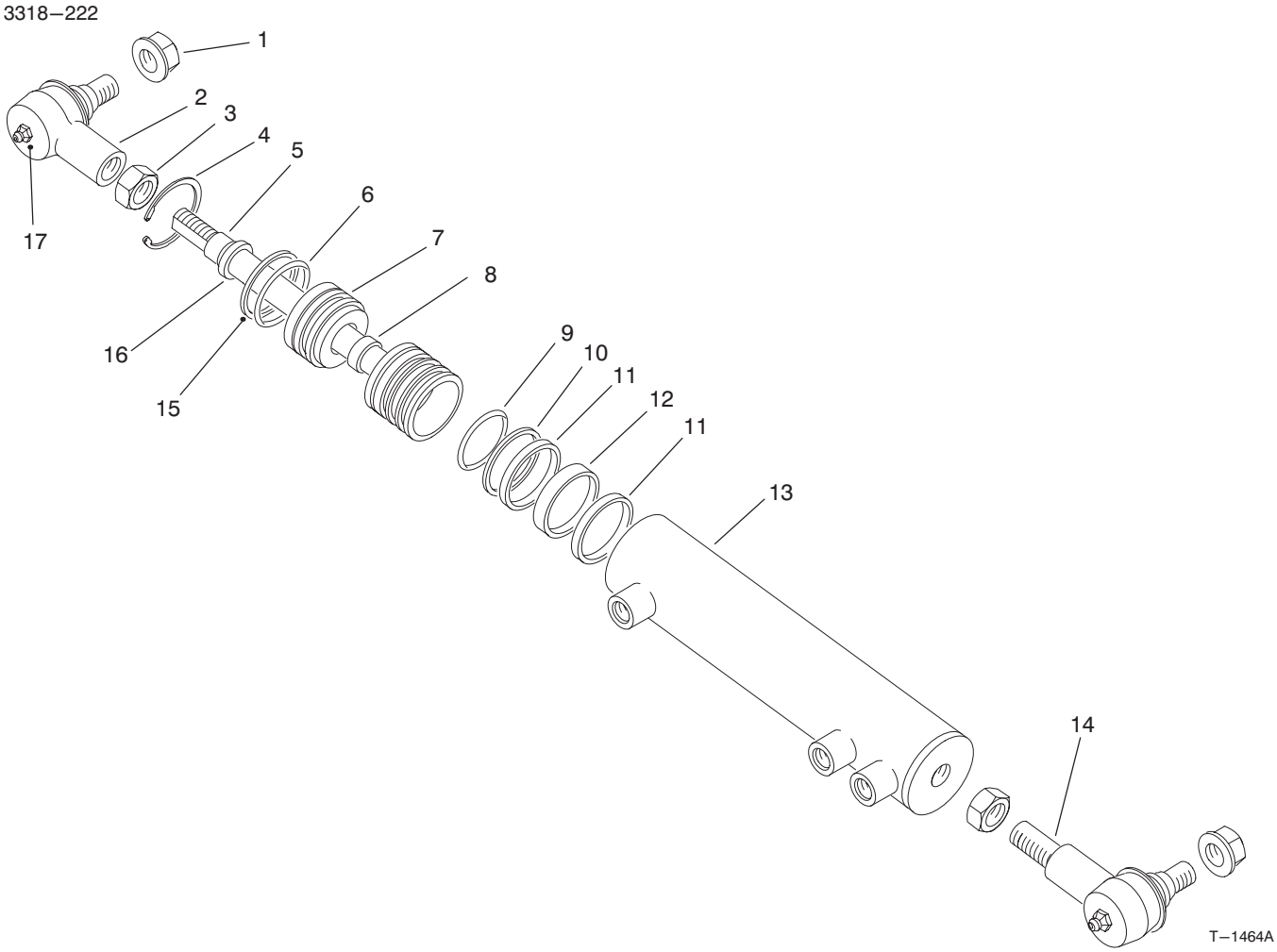
T–1460A

HYDRAULIC HOSE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	340–70	Nut – Lock, Bulkhead	6
2	86–2480	Assembly – Tube	1
3	86–0690	Spacer	3
4	86–2490	Assembly – Tube	1
5	86–2470	Assembly – Tube	1
7	86–2460	Assembly – Hose	2
8	237–42	O–Ring	14
9	340–87	Fitting – Hydraulic	3
10	237–22	O–Ring	9
11	86–5460	Nipple – Coupler	3
12	340–2	Adapter – Straight	2

Ref. No.	Part No.	Description	No. Used
13	86–2630	Spring – Compression	2
14	84–6403	Orifice	2
15	340–86	Fitting – Hydraulic, Tee	2
16	340–77	Elbow – Hydraulic 90°	2
17	86–2440	Assembly – Hose	2
18	86–2450	Assembly – Hose	2
19	340–166	Fitting	1
20	86–2640	Assembly – Tube, Cylinder	2
21	86–1420	Hose – Hydraulic	1
22	92–5807	Retainer – Hardlines	2

*Not Illustrated

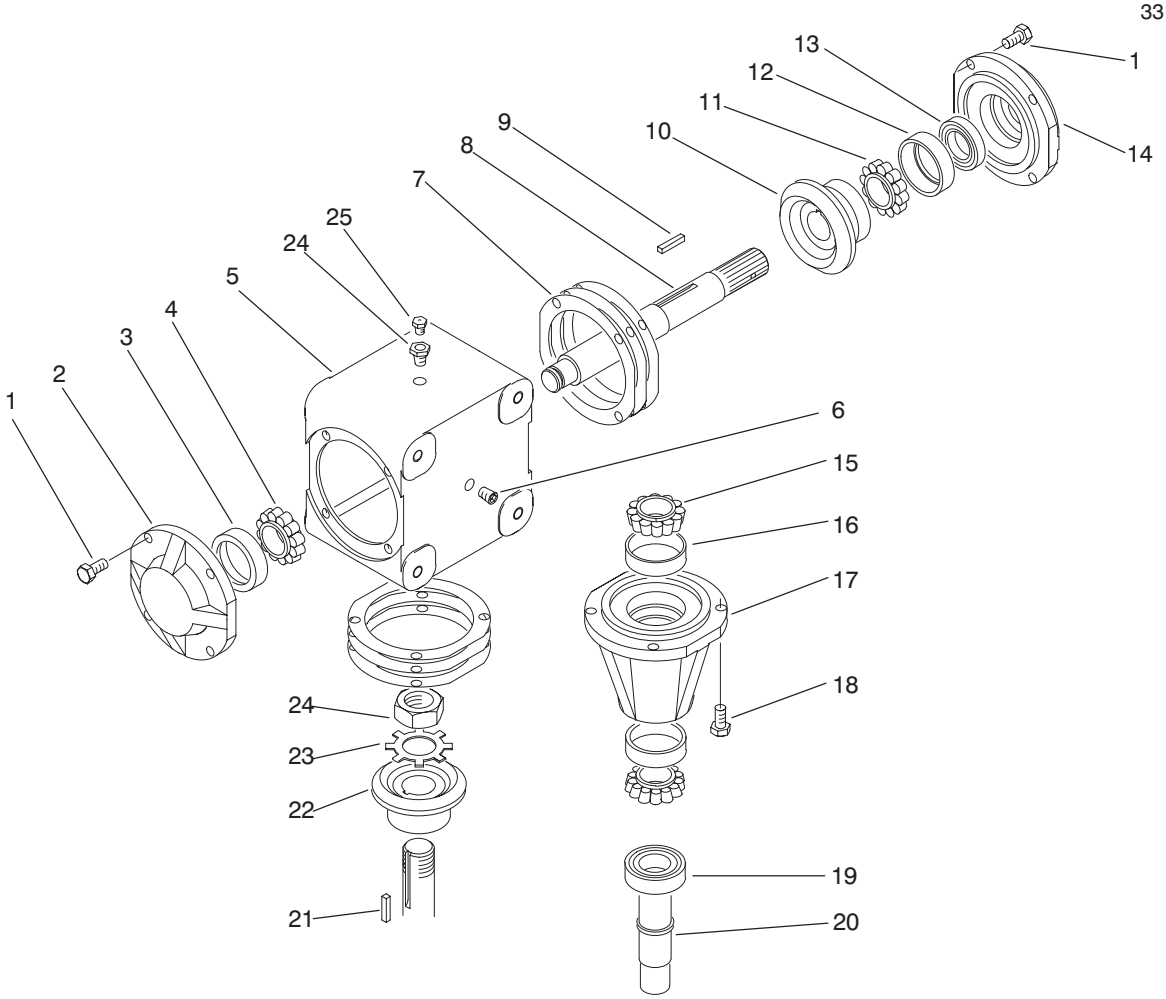


HYDRAULIC CYLINDER ASSEMBLY NO. 86–2190

Ref. No.	Part No.	Description	No. Used
1	32128–54	Nut – Flange	2
2	92–5810	Assembly – Rod End	1
3	84–5300	Nut – Jam	2
4		Ring – Retaining	1
5	92–0603	Piston & Rod Assembly	1
6		O–Ring	1
7	92–0604	Head – Ring Retaining	1
8		Cup – U	1
9		O–Ring	1
10		Ring – Piston	1
11		Ring – Wear	2

Ref. No.	Part No.	Description	No. Used
12		Ring – Wear	1
13	92–0602	Assembly – Barrel	1
14	92–5811	Assembly – Rod End	1
15		Back–up	1
16		Wiper	1
17	302–5	Fitting – Grease	2
*	86–2190	Cylinder Assembly (Incl. Ref. 4–13 & 15–16)	1
*	92–0600	Kit – Seal (Incl. Ref. #4, 6, 8–12, 15 & 16)	1

*Not Illustrated

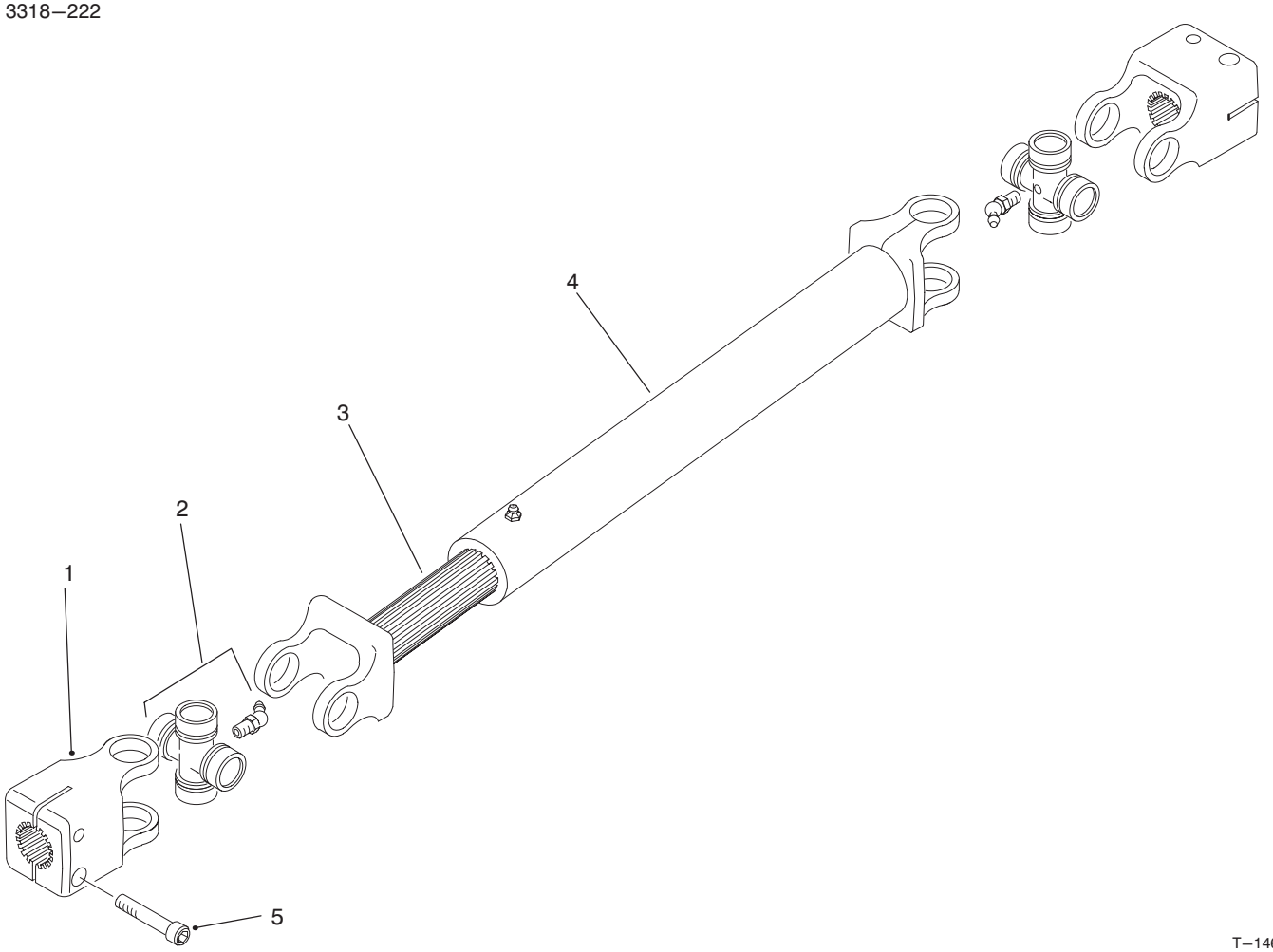


GEAR BOX ASSEMBLY 86–3090

Ref. No.	Part No.	Description	No. Used
1	62–3310	Screw	12
2	62–3320	Cap – Blank	1
3	62–3340	Cup – Bearing	1
4	254–94	Cone – Bearing	1
5	92–0605	Housing	1
6	62–3490	Plug – Pipe	2
7	21–6180	Gasket – .015	A/R
*	62–3430	Gasket – .005	A/R
*	62–3440	Gasket – .003	A/R
8	92–0620	Shaft – Thru	1
9	92–0606	Key	1
10	92–0607	Gear – RH	1
11	92–0610	Cone – Bearing	1
12	92–0611	Cup – Bearing	1

Ref. No.	Part No.	Description	No. Used
13	92–0609	Seal	1
14	92–0608	Cap – Thru	1
15	92–0616	Cone – Bearing	2
16	92–0617	Cup – Bearing	2
17	92–0618	Hub	1
18	92–0615	Seal	1
19	92–0614	Shaft – Pinion	1
20	62–3380	Key	1
21	92–0619	Gear – LH	1
22	92–0613	Washer – Lock	1
23	92–0612	Nut – Lock	1
24	62–3550	Bushing – Reducer	1
25	62–3520	Valve – Pressure Relief	1

*Not Illustrated



T–1465

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

Ref. No.	Part No.	Description	No. Used
4	86–1180	Tube – Slip Yoke	1
5	3273–17	Screw – Hex. Socket Hd.	4

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
66–2920	Washer – Friction	16	2	2
3–1506	Bushing – Flange	3	9	2
3–3251	Spring	9	40	1
3–6498	Washer	27	49	2
5–2512	Bushing – Sleeve	7	19	2
10–8110	Washer – Thrust	9	13	1
14–0859	Fuel Tank Plate Assembly	20	25	1
14–0949	Battery Base Assembly	32	40	1
20–9500	Washer	10	55	2
21–3000	Nut	83	7	2
21–4191	Seat Belt Assembly	69	1	1
21–6180	Gasket – .015	87	7	A/R
21–9260	Cover – Dust	9	6	1
23–7270	Nut – Wheel	6	20	10
25–2380	Plate – Thrust	5	10	1
25–2430	Pin – Straight	5	13	1
27–2360	Switch – Ignition	17	20	1
27–3710	Dipstick	3	21	1
28–3380	Plate – Valve	5	1	1
28–3520	O–Ring	30	31	1
28–3570	O–Ring	30	11	1
29–4820	Roller	83	29	2
29–6163	Switch – Micro	27	26	1
31–0390	Washer – Friction	10	56	2
37–2690	Capacitor	12	12	1
37–8771	Screw – Hex. Washer Hd.	52	23	2
41–8440	Washer	82	31	2
43–8480	Decal – Danger	72	7	2
43–8480	Decal – Danger	78	16	2
43–8480	Decal – Danger	83	41	1
43–8600	Spring – Switch	12	20	1
43–8610	Guide	12	19	1
43–8610	Guide – Spring & Ball	3	50	1
43–8620	Guide – Pin, Switch	12	22	1
43–8860	Plunger – Switch	12	21	1
43–9071	Assy. – Switch, Seat	12	*	1
43–9071	Boot – Switch	12	11	1
44–8320	Spring	26	9	3
44–8320	Spring	77	10	3
46–0330	Nut–Hex	49	1	2
46–6550	Fitting – Fuel 90˚	20	6	2
46–6560	Bushing – Rubber	20	9	2
46–6810	Assy. – Screw & Washer	18	1	4
46–6810	Screw – Hex. Washer Hd.	1	3	9
46–8091	Screw – Hex. Washer Hd.	1	14	2
47–6990	Nut	9	27	1
48–1800	Cylinder Block Kit	5	2	1
48–4590	Horn	12	32	1
48–7081	Cover – Handle	80	13	2
48–7081	Sleeve	2	48	2
48–7570	Screw – Cap Hex. Hd.	32	23	3
48–7610	Screw – Cap Hex. Hd.	32	34	3
48–7700	Screw – Cap Hex. Hd.	32	18	8
48–7700	Screw – Cap Hex. Hd.	39	38	3
48–7730	Screw – Cap Hex. Hd.	32	19	1
48–7780	Screw – Cap Hex. Hd.	32	32	3
48–7810	Screw – Cap Hex. Hd.	32	22	3
48–7810	Screw–Mounting	49	5	3
48–7840	Screw – Cap Hex. Hd.	32	11	1
48–7880	Nut – Hex.	15	5	2
48–7880	Nut – Hex.	16	28	1
48–7880	Nut – Hex.	33	34	2
48–7890	Nut	16	29	1
48–7890	Nut – Hex.	15	4	1
48–7890	Nut – Hex.	33	5	1
48–7930	Nut – Hex	15	3	1
48–7930	Nut – Hex.	33	33	1
48–9460	Screw – Cap Hex. Hd.	32	16	1
48–9460	Screw – Cap Hex. Hd.	38	35	2
48–9470	Bolt – Hex. Head	25	11	3
48–9470	Screw – Cap Hex. Hd.	32	12	1
49–2640	Seal–Shaft	29	5	1
49–2660	Frontplate Assembly	29	7	1
49–2670	Plate–Wear	29	13	1
49–2680	Seal – O–Ring (Molded)	29	10	1
49–2690	Gasket–Backup	29	12	1
49–2700	Seal–Bearing	29	11	1
52–9230	Ring–Retaining	11	3	1
52–9240	Bushing–Seal, Gland	11	4	1
52–9250	Needle Bearing Kit	11	*	1
52–9260	Screw–Set	11	1	1
52–9270	Seat–Ball, Check	11	24	1
52–9280	Ball–Check	11	22	1
52–9290	Retainer–Check Ball	11	21	1
52–9320	Drive	11	15	1
53–6380	Washer	82	4	4
53–6380	Washer – Flat	78	8	1
53–9681	Mount – Rubber, Engine	32	9	2
53–9682	Mount – Rubber, Eng	32	31	1
53–9682	Mount – Rubber, Engine	32	44	1
55–4300	Decal – Warning	70	10	1
55–4300	Decal – Warning	83	33	2
56–6710	Seal – O–Ring	29	9	2
56–7973	Clamp	31	20	2
56–7973	Clamp – Hose	58	58	2
56–7973	Clamp – Tube	9	46	4
56–7973	Clamp – Tube	55	56	2
57–0680	Shaft	83	28	2
57–0690	Pin	83	27	2
57–5420	Screw – Shoulder	24	1	1
58–6290	Poppet Assembly	19	34	3
58–6310	Spacer	19	28	3
58–6320	Wiper – Seal	19	24	3
58–6330	Seat Assy.	19	35	3
58–6340	Seal – O–Ring	19	36	3
58–6350	Plug Assembly	19	11	3
58–6370	Washer – Back–Up	19	10	6
58–6400	Bushing	19	25	3
58–6420	Cap Assembly	19	30	3
58–6450	Seal – O–Ring	19	12	6
58–6460	Ring – Retaining	19	29	3
58–6470	Washer	19	18	A/R
58–6480	Washer	19	19	A/R
58–6490	Washer	19	20	A/R
58–6700	Washer	19	26	3
58–6720	Seal – O–Ring	19	7	3
58–6730	Spring	19	27	3
58–6750	Seal – O–Ring	19	17	1
58–6760	Spring	19	3	3
58–6770	Plunger – Detent	19	4	3
58–6780	Plug Assembly	19	1	3
58–6790	Seal – O–Ring	19	5	3
59–6430	Valve – Check	10	61	1
59–6730	Race–Bearing	11	7	2
59–6740	Bearing–Needle, Thrust	11	8	1
59–6820	Centering Spring Kit	11	11	1
59–6830	Kit–Centering Pin	11	20	1
60–3780	Seal Kit	19	*	1
60–5710	Plug Assembly	29	18	1
60–5720	Seal – O–Ring	19	9	6
60–5730	Disc	29	20	1
60–5860	Plug Assembly	29	24	1
60–5890	Washer	29	6	1
60–6450	Disc	19	2	A/R
60–9870	Screw	82	8	2
61–2790	Screen	24	3	1
62–2170	Washer – Thrust	54	20	4
62–3310	Screw	87	1	12
62–3320	Cap – Blank	87	2	1
62–3340	Cup – Bearing	87	3	1
62–3380	Key	87	20	1
62–3430	Gasket – .005	87	*	A/R

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
62–3440	Gasket – .003	87	*	A/R
62–3490	Plug – Pipe	87	6	2
62–3520	Valve – Pressure Relief	87	25	1
62–3550	Bushing – Reducer	87	24	1
62–7400	Decal – TORO	1	1	1
62–7650	Gasket – Sending Unit	20	28	1
62–9510	Washer – Brake Lever	34	10	1
63–4090	Fitting – Adapter 90˚	18	16	1
63–7622	Hose – Fuel	20	22	2
63–7622	Hose – Fuel	33	25	1
63–7622	Hose – Fuel Line	33	17	1
63–7626	Hose – Fuel	20	7	1
63–7627	Hose – Fuel	20	8	1
63–7627	Hose – Fuel	33	21	1
63–7880	Latch – Brake	8	16	1
63–7900	Rack – Brake	9	37	1
63–8360	Key – Ignition	17	5	1
63–8410	Washer	27	17	4
63–8410	Washer	8	34	1
63–8410	Washer – Flat	24	25	3
63–9751	Mount – Linkage Rod	8	10	1
63–9751	Mount – Rubber	27	21	4
65–5100	Handle – Hood	1	18	1
66–1140	Hub	8	32	3
66–1340	Decal – Danger	78	10	1
66–1340	Decal – Danger	72	12	1
66–1930	Nut–Lock	56	2	1
66–1930	Nut–Lock	60	11	1
66–1940	Piston	60	4	1
66–2490	Clamp – Battery	32	5	1
66–2920	Washer – Nylon	8	39	1
66–2940	Gauge – Fuel	17	10	1
66–6480	Washer	7	6	2
66–8510	Adjuster & Handle	13	16	1
66–8530	Adjuster	13	21	1
66–8560	Nut – Push	13	2	4
66–8600	Frame – Upper	13	25	1
66–8610	Frame – Lower	13	15	1
66–9290	Spacer – Suspension	13	22	8
66–9303	Screw – Flange Head	25	6	6
66–9303	Screw – Hex. Flange Hd.	27	38	6
67–7050	Field Rotor Assembly	77	1	1
67–7060	Ring – Retaining	77	8	1
67–7080	Collar – Bearing	77	6	1
67–7090	Bearing – Pulley	77	7	1
67–7100	Plate – Brake	77	11	1
67–7160	Holder – Fuse	16	20	1
67–9100	Gasket	5	11	1
68–3220	Key – Square	76	4	1
68–3280	Spring – Seat	14	4	2
68–6150	Breather	20	10	2
68–6480	Bushing – Flange	67	19	4
68–6710	Roller	83	38	1
68–6840	Shaft	83	37	1
68–7573	Seal – Shroud	1	10	2
68–8080	Wheel – Steering	9	25	1
68–8340	Decal – Caution	83	39	1
68–8950	8 Tube – w/Valve	79	14	2
68–8950	Tube – w/Valve	71	14	2
68–9420	Washer – Lock	42	4	6
68–9420	Washer – Lock	38	34	5
69–0760	Bracket – Armrest L.H.	13	*	1
69–0770	Bracket – Armrest R.H.	13	36	1
69–1170	Gauge – Sight	24	6	1
69–1180	Armrest	13	32	2
69–1510	Spacer	78	22	5
69–1510	Spacer	83	47	10
69–1510	Spacer – Fork	72	22	5
69–1530	Housing – Spindle	74	7	1
69–1530	Housing – Spindle	75	7	1
69–1530	Housing – Spindle	76	9	1
69–1560	Lever – Lock	9	33	1
69–1830	Plug Assembly	19	16	1
69–2970	Cap – Hub	54	32	2
69–2980	Seal – Inner	54	25	2
69–6470	Bushing	72	2	2
69–6470	Bushing	78	21	2
69–6470	Bushing	83	49	4
69–6470	Bushing – Flange	54	21	4
69–7010	Lever W.A. – Valve, L.H.	18	*	1
69–7290	Mount – Carrier	83	43	2
69–8890	Cap – Spindle	54	18	2
69–9140	Link – Lever, Valve	18	9	3
69–9300	Pad – Bumper	67	26	2
69–9940	Nut – Jam	6	33	4
70–1380	Sleeve – Protective	67	9	1
70–1480	Relay – SPDT	12	29	1
70–1480	Relay – Sealed	16	5	3
70–1480	Relay – Starter	20	35	1
70–2560	Decal – Lube	81	6	1
70–2560	Decal – Oil	2	42	1
71–2530	Assembly – Bearing	74	15	1
71–2530	Assembly – Bearing	75	15	1
71–2530	Assembly – Bearing	76	17	1
71–4580	Roller – Clutch	57	29	1
71–4590	Washer – Thrust	57	27	2
72–0130	Kit – Horn	9	26	1
72–3790	Wire Assembly	82	23	2
72–4320	Switch – Ball	12	17	1
72–4320	Switch – Ball	3	22	1
72–9361	Cup – Anti–Scalp	74	12	1
72–9361	Cup – Anti–Scalp	75	12	1
72–9361	Cup – Anti–Scalp	76	14	1
74–0720	Tube – Manual	12	1	1
74–3410	Radiator	52	6	1
74–3630	Actuator – Brake	6	5	2
74–3640	Disc – Brake	6	4	4
74–3650	Fan	32	28	1
74–3670	Assy. – Column, Steering	9	11	1
74–4080	Orifice – Breather	24	46	1
74–4090	Tread – Foot Rest	1	29	1
74–4980	Shroud – Fan Upper	52	3	1
74–4990	Shroud – Fan, Bottom	52	48	1
74–5250	Pin – Axle Pivot	55	52	1
74–5250	Pin – Axle Pivot	58	54	1
74–5460	Angle Radiator Support	52	42	1
74–5470	Mount – Engine	32	10	1
74–5480	Cable – Throttle	16	31	1
74–5500	Bolt – Wheel	57	41	10
74–5520	Clutch – Fan	32	29	1
74–5580	Tank – Fuel	20	32	1
74–5621	Axle – 4wd	57	36	1
74–5700	Bearing – Needle	57	17	1
74–5760	PCV Valve	35	46	1
74–5770	Lever – Shift	9	15	1
74–5790	Shaft – Pivot	9	17	1
74–5860	Sending Unit – Fuel	20	29	1
74–5910	Fitting – Bulkhead, Special	18	27	1
74–5940	Assembly – Tie Rod	55	*	1
74–6020	Hose – Radiator, Lower	34	3	1
74–6020	Hose – Radiator, Lower	52	47	1
74–6050	Lever W.A. – Valve, Center	18	*	1
74–6060	Lever W.A. – Valve, R.H.	18	12	1
74–6110	Stop – Pedal	8	38	1
74–6230	Assy. – Tube, Traction	24	41	1
74–6400	Assembly – Tube	52	31	1
74–6400	Assembly – Tube, Filter Line	24	12	1
74–6450	Bracket – Bulkhead	54	5	1
74–6450	Bracket – Bulkhead	57	49	1
74–6490	Hose – Water Line	34	15	2
74–6540	Tappet – Valve	38	14	8
74–6550	Cup – Upper Valve Spring	37	11	8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
74–6560	Spring – Valve	37	10	8
74–6570	Cup – Lower Valve Spring	37	9	8
74–6580	Insert – Valve (1.650mm)	37	13	8
74–6590	Insert – Valve (1.725mm)	37	*	8
74–6600	Insert – Valve (1.800mm)	37	*	8
74–6610	Insert – Valve (1.900mm)	37	*	8
74–6620	Insert – Valve (1.975mm)	37	*	8
74–6630	Insert – Valve (2.050mm)	37	*	8
74–6640	Insert – Valve (2.125mm)	37	*	8
74–6650	Insert – Valve (2.225mm)	37	*	8
74–6660	Insert – Valve (2.250mm)	37	*	8
74–6670	Insert – Valve (2.275mm)	37	*	8
74–6680	Insert – Valve (2.300mm)	37	*	8
74–6690	Insert – Valve (2.325mm)	37	*	8
74–6700	Insert – Valve (2.350mm)	37	*	8
74–6710	Insert – Valve (2.375mm)	37	*	8
74–6720	Insert – Valve (2.400mm)	37	13	8
74–6730	Insert – Valve (2.425mm)	37	*	8
74–6740	Insert – Valve (2.450mm)	37	*	8
74–6750	Insert – Valve (2.475mm)	37	*	8
74–6760	Insert – Valve (2.500mm)	37	*	8
74–6770	Insert – Valve (2.525mm)	37	*	8
74–6780	Insert – Valve (2.550mm)	37	*	8
74–6790	Insert – Valve (2.575mm)	37	*	8
74–6800	Insert – Valve (2.600mm)	37	*	8
74–6810	Insert – Valve (2.625mm)	37	*	8
74–6820	Insert – Valve (2.650mm)	37	*	8
74–6830	Insert – Valve (2.675mm)	37	*	8
74–6840	Insert – Valve (2.700mm)	37	*	8
74–6850	Insert – Valve (2.725mm)	37	*	8
74–6860	Insert – Valve (2.750mm)	37	*	8
74–6870	Insert – Valve (2.775mm)	37	*	8
74–6880	Insert – Valve (2.800mm)	37	*	8
74–6890	Insert – Valve (2.825mm)	37	*	8
74–6900	Insert – Valve (2.850mm)	37	*	8
74–6910	Insert – Valve (2.875mm)	37	*	8
74–6920	Insert – Valve (2.900mm)	37	*	8
74–6930	Insert – Valve (2.925mm)	37	*	8
74–6940	Insert – Valve (2.950mm)	37	*	8
74–6950	Insert – Valve (2.975mm)	37	*	8
74–6960	Insert – Valve (3.000mm)	37	*	8
74–6970	Insert – Valve (3.025mm)	37	*	8
74–6980	Insert – Valve (3.050mm)	38	13	8
74–6990	Insert – Valve (3.075mm)	38	*	8
74–7000	Insert – Valve (3.100mm)	38	*	8
74–7010	Insert – Valve (3.125mm)	38	*	8
74–7020	Insert – Valve (3.150mm)	38	*	8
74–7030	Insert – Valve (3.175mm)	38	*	8
74–7040	Insert – Valve (3.200mm)	38	*	8
74–7050	Insert – Valve (3.225mm)	38	*	8
74–7060	Insert – Valve (3.250mm)	38	*	8
74–7070	Insert – Valve (3.275mm)	38	*	8
74–7080	Insert – Valve (3.300mm)	38	*	8
74–7090	Insert – Valve (3.325mm)	38	*	8
74–7100	Insert – Valve (3.350mm)	38	*	8
74–7110	Insert – Valve (3.375mm)	38	*	8
74–7120	Insert – Valve (3.400mm)	38	*	8
74–7130	Insert – Valve (3.425mm)	38	*	8
74–7140	Insert – Valve (3.450mm)	38	*	8
74–7150	Insert – Valve (3.475mm)	38	*	8
74–7160	Insert – Valve (3.500mm)	38	*	8
74–7170	Insert – Valve (3.550mm)	38	*	8
74–7180	Insert – Valve (3.625mm)	38	*	8
74–7190	Insert – Valve (3.700mm)	38	*	8
74–7200	Insert – Valve (3.775mm)	38	*	8
74–7210	Insert – Valve (3.850mm)	38	*	8
74–7220	Insert – Valve (3.925mm)	38	*	8
74–7230	Insert – Valve (4.000mm)	38	*	8
74–7240	Collar – Split	37	12	16
74–7260	Bolt – Head	38	29	10
74–7270	Washer – Flat	38	28	10
74–7300	Pan – Oil	35	23	1
74–7310	Plug – Threaded	35	20	1
74–7320	Gasket	35	19	1
74–7330	Screw – Cap Hex. Hd.	35	25	23
74–7380	Gasket – Oil Pan	35	21	1
74–7400	Tube	39	41	1
74–7420	Ball	39	45	4
74–7430	Chamber – Turbulence	39	46	4
74–7440	Chamber – Turbulence	39	*	4
74–7450	Seat – Intake Valve	39	48	4
74–7460	Seat – Intake Valve	39	*	4
74–7480	Valve – Intake	39	49	4
74–7530	Gasket – Head (1.61 mm)	39	53	1
74–7540	Gasket – Head (1.73 mm)	39	*	1
74–7560	Washer – Spring	38	16	3
74–7600	Plug	37	4	4
74–7630	Gasket – Valve Cover	38	18	1
74–7640	Cover – Valve	38	19	1
74–7650	Washer – Flat	38	20	3
74–7670	Head Bolt & Washer Set	39	*	1
74–7770	Hose – Crankcase	35	11	1
74–7780	Gasket	35	12	1
74–7790	Screw	35	13	1
74–7800	Pin	35	14	2
74–7810	Gasket – Plate	35	15	1
74–7820	Plate	35	16	1
74–7840	Plug	39	42	2
74–7840	Plug – 27 mm Dia.	35	18	8
74–7840	Plug – 27 mm Dia.	38	33	2
74–7850	Gasket	35	24	2
74–7930	Screw – Bearing Cap	35	27	10
74–7940	Bushing – Spring	35	28	1
74–7950	Screw – Plate	35	29	6
74–7960	Stud – Filter	35	30	1
74–7970	Filter – Oil	35	31	1
74–7990	Pin	36	16	1
74–7990	Pin – Spring	35	33	4
74–8000	Plug	35	34	2
74–8010	Guide – Dipstick	35	35	1
74–8030	Pin – Spring	35	37	1
74–8040	Plug – Drain	35	38	1
74–8080	Washer	36	2	1
74–8100	Gear – Pinion	36	4	1
74–8110	Sprocket – Oil Pump	36	5	1
74–8120	Key – Woodruff	36	6	2
74–8140	Cover	36	9	1
74–8150	Gasket – Cover	36	10	1
74–8170	Bearing Set (Std.)	36	12	2
74–8180	Bearing Set (.30mm OS)	36	*	2
74–8200	Thrust Bearing Set	36	*	2
74–8210	Thrust Bearing Set	36	*	2
74–8220	Thrust Bearing Set	36	*	2
74–8230	Crankshaft	36	14	1
74–8240	Seal	36	15	1
74–8260	Flywheel	36	34	1
74–8270	Pin	36	18	3
74–8280	Screw – Cap Hex. Hd.	36	19	8
74–8290	Seal – #1 Bearing Cap	36	20	2
74–8300	Clip – Piston Pin	36	21	8
74–8310	Pin – Piston	36	22	4
74–8320	Piston Ring Set – 0.20 mm	36	*	4
74–8330	Piston Ring Set – 0.50 mm	36	*	4
74–8340	Piston Ring Set – 0.80 mm	36	*	4
74–8380	Bearing – Connecting Rod	36	27	4
74–8400	Bolt – Connecting Rod	36	28	8
74–8420	Piston Set – Stage #1	36	29	1
74–8430	Piston Set – Stage #2	36	*	1
74–8440	Piston Set – Stage #3	36	*	1
74–8610	Pin	46	7	2
74–8610	Pin	48	8	2
74–8630	Bushing – Flange	46	8	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
74–8650	Journal	46	12	1
74–8670	Fuel Inlet Assembly	46	27	1
74–8680	Gasket	46	14	2
74–8690	Union – Inlet	46	13	1
74–8710	Washer	46	16	1
74–8710	Washer – E.T.L.W.	50	9	1
74–8750	Pipe	47	12	1
74–8770	Plug	47	10	1
74–8830	Belt	40	18	1
74–8870	Gasket	46	21	2
74–8900	Washer – Flat	37	7	6
74–8910	Bracket – Horn	12	33	1
74–8920	Washer – Copper	29	26	4
74–8990	Spool Assembly	29	23	1
74–9000	Relief Valve Assy.	29	17	1
74–9010	Kit – Seal	29	*	1
74–9020	Backplate Repair Kit	29	*	1
74–9080	Cable – Battery Pos.	32	1	1
74–9090	Cable – Battery Neg.	32	*	1
74–9100	Pad – Forward Pedal	8	7	1
74–9110	Pad – Reverse Pedal	8	9	1
74–9122	Hose – Vent	20	17	1
74–9480	Seal – Lip	5	6	1
74–9500	Screw – Cap Hex. Hd.	5	16	4
74–9510	Washer – Flat	5	15	1
75–0140	Spring – Conical	30	5	2
75–0240	O–Ring	30	4	2
75–0400	Plate – Thrust	30	37	1
75–0470	Kit – Cylinder Block	30	38	1
75–0480	Pin	30	15	2
75–0500	Bearing – Needle	30	13	1
75–0510	Pin	30	40	1
75–0550	Strainer – Tank	24	23	1
75–2080	Seal Kit (for Ref. #41–42)	18	*	1
75–5470	Washer	28	53	4
75–6820	Hour Meter	20	42	1
75–9550	Valve – Check	24	33	1
75–9790	Arm – Pivot, Rear	71	1	2
76–1880	Segmented 10” Wheel	79	*	2
76–1910	Shaft – Pivot	13	3	2
76–1920	Bearing – Sleeve	13	14	4
76–1930	Knob – Adjustment	13	27	1
76–1940	Spring – Extension	13	1	2
76–2940	Bumper	13	9	2
76–4120	Mount W.A. – Engine	32	21	1
76–4180	Boot – Brake Rod	7	15	2
76–4220	Mount W.A. – Engine	32	30	1
76–4240	Plate – Adapter	6	2	2
76–4260	Bushing	66	3	1
76–4260	Bushing – Sleeve	55	50	2
76–4300	Lever W.A. – Throttle	16	26	1
76–4310	Support – Base, Battery	32	38	1
76–4880	Plug – Electrical	15	2	1
76–4910	Stud	46	26	3
76–4930	Washer	46	5	3
76–4940	Gear – Pump, Injection	46	2	1
76–4950	Nut	46	1	1
76–4990	Bracket	48	15	1
76–5000	Screw	48	9	1
76–5010	Washer	40	23	3
76–5010	Washer – Spring	48	2	1
76–5010	Washer – Spring	43	7	5
76–5060	Screw	48	1	1
76–5070	Oil Pump Assembly	43	1	1
76–5090	Spring – Piston	43	3	1
76–5100	Bolt – Shoulder	43	5	1
76–5130	Stud	37	6	6
76–5170	Chain – Pump Drive	43	13	1
76–5180	Washer – Copper	21	1	4
76–5190	Fitting – Adjustable	21	2	2
76–5220	Element – Filter	21	5	1
76–5260	Relay – Glow Plug	50	1	1
76–5260	Relay – Glow Plug	16	15	1
76–5290	Washer – Spring	50	4	4
76–5300	Fuel Filter Assembly	20	23	1
76–5310	Washer – E.T.L.W.	50	7	1
76–5320	Sensor – Water	21	9	1
76–5470	Screw	38	17	2
76–5500	Screw	45	6	5
76–5520	Holder – Injector	47	5	4
76–5530	Gasket – Injector	47	3	4
76–5540	Plug	47	2	4
76–5570	Washer–Lock	49	2	2
76–5590	Sleeve – Spring	49	4	1
76–5600	Injector	47	9	4
76–5610	Pinion – Output	4	1	1
76–5630	Gear – Spur	4	3	1
76–5640	Gasket	4	4	1
76–5650	Washer – Thrust	4	8A	3
76–5660	Pin–Dowel	4	6	2
76–5670	Seal–Oil	4	7	2
76–5680	Shim – Orange .126/.123	4	52	A/R
76–5680	Washer – Thrust	4	8	1
76–5690	Washer – Thrust	4	9	2
76–5700	Bearing–Thrust	4	10	1
76–5710	Plug–Magnetic – Drain	4	11	1
76–5720	Screw – Hex Hd.	4	12	13
76–5740	Shim – Lt. Grn. .123/.120	4	*	A/R
76–5760	Cover Assembly	4	16	1
76–5780	Gear – Spur	4	18	1
76–5820	Screw – Hex Flanged Hd.	4	22	1
76–5830	Ball – Steel	4	23	1
76–5840	Spring – Shifter Fork	4	24	1
76–5850	Seal – Oil	4	25	1
76–5860	Bearing – Needle	4	26	2
76–5870	Bearing – Needle	4	27	3
76–5890	Ring – Retaining	4	30	2
76–5900	Fork – Shift	4	35	1
76–5930	Block – Drive	4	38	2
76–5940	Pin – Drive	4	39	1
76–5950	Pinion – Bevel	4	40	2
76–5960	Carrier	4	41	1
76–5980	Screw – Hex Flanged Hd.	4	43	6
76–5990	Carrier – Differential	4	45	1
76–6000	Gear – Bevel	4	47	2
76–6010	Spacer	4	49	2
76–6010	Spacer – Transaxle	6	1	2
76–6020	Washer – Thrust	4	50	2
76–6030	Seal – Oil	4	51	1
76–6040	Plug – Pipe	4	14	2
76–6040	Plug – Pipe	3	41	1
76–6270	Foam – Panel	18	3	1
76–6300	Gerotor	11	16	1
76–6320	Spacer	11	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	52	36	2
76–6382	Seal – Strip	52	37	2
76–6570	Washer – Thrust	57	15	2
76–6570	Washer – Thrust	55	51	2
76–6580	Motor – Hydraulic	57	23	1
76–6600	Pipe – Stand	20	4	1
76–6610	Clevis – Brake	7	17	2
76–6910	Rotating Assembly	61	14	1
76–6920	Back Plate Assembly	61	2	1
76–6930	Shaft – Drive	61	12	1
76–6940	Housing Assembly	61	6	1
76–6950	Race – Thrust	61	9	1
76–6960	Bearing – Thrust	61	10	1
76–6970	Insert – Camplate	61	5	1
76–6980	O–Ring	61	3	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
76–6990	Screw – Cap, Hex. Hd.	61	1	6
76–7000	Ring – Retaining	61	8	2
76–7010	Ring – Retaining	61	13	1
76–7020	Spacer	61	11	1
76–7040	Pad – Foot	18	38	1
76–7090	Cover – Front, Control	18	2	1
76–7100	Housing – Axle A	63	1	1
76–7110	Plug	63	5	1
76–7110	Plug	65	26	4
76–7120	Seal – Washer	63	6	1
76–7120	Seal – Washer	65	27	4
76–7130	Housing – Axle B	63	3	1
76–7140	Plug	63	9	1
76–7150	Bolt	62	5	3
76–7160	Gear Case Assembly	64	*	1
76–7170	Case – Differential	64	3	1
76–7180	Pinion – Mate	64	10	2
76–7190	Gear – Side	64	9	2
76–7200	Shaft – Pinion	64	4	1
76–7210	Washer – Thrust	64	11	2
76–7220	Washer – Thrust	64	8	2
76–7230	Washer – Lock	64	5	4
76–7240	Ring – Gear	64	2	1
76–7250	Shaft – Drive	64	1	1
76–7260	Bolt	64	6	8
76–7270	Pin – Spring	64	7	1
76–7280	Bearing	64	12	2
76–7290	Shim – 0.1 mm	64	13	A/R
76–7300	Shim – 0.2 mm	64	*	A/R
76–7310	Shim – 0.3 mm	64	*	A/R
76–7320	Sleeve	62	4	1
76–7330	Bearing	62	1	1
76–7340	Seal – Oil	62	6	1
76–7350	Bushing	62	7	1
76–7360	O–Ring	62	10	1
76–7370	Bearing	62	11	1
76–7380	Washer	62	8	1
76–7390	Nut – Lock	62	9	1
76–7400	O–Ring	62	2	2
76–7410	Shim – 0.1 mm	62	3	A/R
76–7420	Shim – 0.2 mm	62	*	A/R
76–7430	Shim – 0.4 mm	62	*	A/R
76–7450	Bolt – Stud	62	14	1
76–7460	Washer	62	15	1
76–7470	Pipe	63	8	1
76–7480	Plug – Vent	63	7	1
76–7490	Shaft – Differential	64	14	2
76–7500	Bearing	64	15	4
76–7510	Pinion – 14T	65	10	2
76–7510	Pinion – 14T	64	17	2
76–7520	Shim – 0.1 mm	64	16	A/R
76–7530	Shim – 0.2 mm	64	*	A/R
76–7540	Shim – 0.4 mm	64	*	A/R
76–7550	Ring – Retaining	64	18	2
76–7560	Case – Gear	65	1	2
76–7580	Seal – O–Ring	64	19	4
76–7590	Spacer	64	20	2
76–7600	Bolt – Reamer	64	21	2
76–7610	Bolt	64	23	6
76–7620	Washer – Lock	64	22	6
76–7630	Holder – 25 mm R.H.	65	*	1
76–7640	Bolt	65	5	8
76–7640	Bolt	65	28	20
76–7650	Shaft – Final Drive	65	2	2
76–7660	Holder – 20 mm L.H.	65	4	1
76–7670	Bearing	65	3	4
76–7680	Case – Final Drive	65	8	2
76–7690	Nut	62	13	1
76–7700	Shim – 0.8 mm	66	25	A/R
76–7710	Bolt	66	8	2
76–7720	Nut	66	9	4
76–7730	Bushing	65	7	2
76–7740	Seal – Oil	65	6	2
76–7750	Pinion – 15T	65	11	2
76–7760	Shim – 1.0 mm	66	*	A/R
76–7770	Cover	65	9	2
76–7780	Shim – 1.2 mm	66	*	A/R
76–7790	Shim – 1.4 mm	66	*	A/R
76–7800	Arm – Drag Link	66	1	1
76–7810	Holder – Bearing	65	19	2
76–7820	Shim – 1.0 mm	66	5	A/R
76–7830	Shaft – Wheel	65	21	2
76–7840	Gear – Bevel	65	13	2
76–7870	Seal – Oil	65	20	2
76–7880	Spacer	65	15	2
76–7890	Shim – 0.15 mm	65	14	A/R
76–7900	Shim – 0.2 mm	65	*	A/R
76–7910	Shim – 0.4 mm	65	*	A/R
76–7920	Ring – Retaining	65	16	2
76–7930	Ring – Retaining	65	17	2
76–7940	Arm – Tie Rod	66	2	1
76–7950	Bushing	66	4	1
76–7960	Fitting – Grease	66	21	2
76–7960	Fitting – Grease	65	30	2
76–7970	Shim – 1.4 mm	66	*	A/R
76–7980	Shim – 1.2 mm	66	*	A/R
76–7990	Shim – .08 mm	66	*	A/R
76–8000	Bolt	66	6	4
76–8010	Washer	66	7	2
76–8020	Rod – Tie	66	22	1
76–8030	L.H. Rod End Assembly	66	10	1
76–8040	Nut – L.H.	66	24	1
76–8050	R.H. Rod End Assembly	66	16	1
76–8060	Nut – R.H.	66	23	1
76–8070	Adapter	62	12	1
76–8140	Bracket W.A. – Steering	9	7	1
76–8150	Support – Shaft, Steering	10	58	1
76–8160	Support – Steering	9	8	1
76–8270	Pin – Brake	7	14	2
76–8300	Cover – Housing, Axle	6	8	2
76–8340	Shaft – Pivot, Steering	10	57	1
76–8350	Stop – Axle	57	8	2
76–8350	Stop – Axle	54	12	2
76–8440	Boot – Throttle	16	16	1
76–8450	Boot – Lift Lever	16	3	1
76–8640	Stud – Traction	27	50	1
76–8750	Plate – Caution	52	4	1
76–8780	Decal – Fuel	20	12	1
76–8870	Assy. – Damper, Lever	27	3	1
76–9030	Bearing Housing Assembly	8	30	1
76–9050	Rod – Brake, Parking	9	42	1
76–9060	Gauge – Temperature	17	9	1
76–9100	Spacer	3	2	2
76–9100	Spacer	9	22	1
76–9290	Bracket – Bulkhead	57	3	1
76–9300	Fender L.H.	2	37	1
76–9340	Fender R.H.	2	*	1
76–9370	Bar – R.O.P.S.	69	4	1
76–9430	Spring – Extension	27	12	1
76–9440	Rod – Seat Prop	12	9	1
76–9450	Boot – Column, Steering	9	29	1
76–9460	Plate W. A. – Seat	12	3	1
76–9480	Sleeve – Pivot, Seal	12	35	2
76–9540	Hose – Hydraulic	52	21	2
76–9590	Hose – Hydraulic	57	10	2
76–9680	Bearing Housing Assembly	8	18	1
76–9690	Rod – Brake	7	3	2
76–9690	Rod – Brake Linkage	8	4	2
76–9700	Cover – Tower	1	2	1
76–9760	Pivot – Damper	28	63	1
76–9790	Foam – Fuel Tank	20	2	1
76–9930	Foam – Seat Plate Rear	12	7	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
76–9950	Bracket – Ring	24	43	4
76–9970	Valve – 4 WD	31	22	1
77–0950	Washer	83	45	2
77–2870	Hanger – Spring	13	24	1
77–3300	Stud	42	1	6
77–3310	Gasket	42	2	2
77–3320	Nut – Hex	42	5	6
77–3340	Manifold – Exhaust	42	6	1
77–3400	Camshaft	40	5	1
77–3410	Key	40	4	1
77–3420	Gasket	40	3	2
77–3440	Screw	40	1	2
77–3450	Washer	40	2	2
77–3470	Screw	43	10	1
77–3490	Screw	43	11	1
77–3510	Spring	40	14	1
77–3520	Cup	40	13	1
77–3600	Shield – Adapter	32	35	1
77–3620	Retainer – Cover	52	16	4
77–3620	Retainer – Cover	17	22	2
77–3640	Bearing	5	12	1
77–3700	Gasket – Muffler, Exhaust	34	18	1
77–3780	Pin – Lynch	12	4	1
77–3790	Plug – Drain	35	26	1
77–3970	Spacer – Relay	16	13	1
77–4000	Shim Set	64	*	1
77–4010	Shim Set	62	*	1
77–4020	Shim Set	64	*	1
77–4030	Shim Set	65	*	1
77–4040	Shim Set	66	*	1
77–4050	Shim Set	66	*	1
77–4260	Link – Shift	3	6	1
80–7730	Spacer	12	25	2
80–7730	Spacer	1	27	1
80–7730	Spacer	28	65	3
80–8660	Spacer	55	57	1
80–8660	Spacer	58	59	1
82–3660	Bracket – Cover	20	39	1
82–3700	Reservoir – Hydraulic	24	4	1
82–3740	Oil Cooler Assembly	52	14	1
82–3750	Cover – Console	17	21	1
82–4900	Foam – Seat Front	12	8	1
82–4950	Plunger – Spring	9	14	1
82–4960	Pad – Brake	8	15	2
82–4970	Ring – Retaining	5	17	1
82–4990	Housing – Fixed	5	9	1
82–5180	Control W.A. – Pump	27	20	1
82–5190	Shaft – Traction Pedal	8	8	1
82–5240	Plate – Pivot	28	61	1
82–5280	Shaft – Pivot	27	28	1
82–5300	Support – Heel	18	39	1
82–5370	Foam – R.O.P.S. Bar	69	7	2
82–5380	Shim – Pinion .045	3	39	1
82–5390	Shim – Pinion .038	3	*	1
82–5400	Shim – Pinion .052	3	*	1
83–2280	Timer – Delay	16	6	1
83–9150	Decal – Starting Fluid	33	28	1
84–0080	Spiral Gear Set (Matched)	4	*	1
84–0090	Shim – Lt. Blue .120/.117	4	*	A/R
84–0130	Shim – Pink .129/.126	4	*	A/R
84–0140	Shim – Black .132/.129	4	*	A/R
84–0170	Pulley – P.T.O.	27	44	1
84–0180	Pulley – Lower	25	17	1
84–0210	Gasket – End Cap	30	14	1
84–0240	Housing – Pump	30	33	1
84–0250	Swash Plate – Variable	30	36	1
84–0260	Bearing – Roller	30	21	4
84–0270	Spacer – Trunnion	30	19	4
84–0280	Plate – Valve R.H.	30	39	1
84–0300	Shaft – Pump	30	26	1
84–0310	Bearing – Ball	30	27	1
84–0320	Ring – Retaining	30	28	1
84–0330	Screw – Cap Hex. Hd.	30	25	8
84–0360	Washer	30	24	8
84–0380	Ring – Retaining Internal	30	32	2
84–0400	Seal – Lip	30	29	1
84–0410	Carrier – Seal	30	30	1
84–0430	O–Ring	30	18	4
84–0440	Cover – Trunnion	30	17	2
84–0450	Cover – Trunnion	30	35	1
84–0460	Screw	30	16	8
84–0470	Seal – Lip	30	34	2
84–0480	Poppet – Charge Relief	30	8	1
84–0490	Spring – Compression	30	9	1
84–0500	Assy. – Charge Relief Plug	30	12	1
84–0550	Ring – Retaining	30	6	2
84–0570	Shim – Trunnion Kit	30	20	4
84–0680	Link – Shift	9	30	1
84–0690	Rod – Shift	3	5	1
84–0700	Rod W.A. – Shift	3	11	1
84–0720	Valve – Velocity	31	29	1
84–0730	Arm – Lift, L.H.	67	20	1
84–0750	Housing – Bearing	27	32	1
84–0760	Adapter – Pump to Engine	32	24	1
84–0780	Pulley	75	4	1
84–0780	Pulley	76	6	1
84–0800	Arm – Pivot	82	6	4
84–0940	Assy. – Brake Linkage Arm	7	1	1
84–0970	Assy. – Brake Linkage Arm	7	11	1
84–0990	Pin – Pivot	7	20	2
84–1030	Driveshaft	27	43	1
84–1080	Frame Assembly	1	6	1
84–1170	Plate – Axle	57	12	2
84–1170	Plate – Axle, Pivot	54	15	2
84–1320	Shaft – P.T.O.	25	5	1
84–1330	Hub – Splined	27	41	1
84–1350	Pin – Pivot	82	3	2
84–1350	Pin – Pivot W.A.	67	8	2
84–1380	Anchor – Spring	27	10	1
84–1410	Adapter – Clutch	25	13	1
84–1440	Plate – Adapter	32	33	1
84–1450	Panel – Gauge	17	2	1
84–1460	Decal – GM 455D	1	20	2
84–1470	Decal – Safety	8	42	1
84–1480	Hose – Dampener	27	13	1
84–1490	Latch – Lockup	2	46	2
84–1500	Bracket W.A. – Neutral	28	60	1
84–1540	Key	25	18	1
84–1550	Mount – Rubber	81	2	4
84–1550	Mount – Rubber	25	22	5
84–1560	Washer – Thrust	25	26	4
84–1570	Spacer	53	1	2
84–1570	Spacer	25	21	1
84–1580	Washer – Clutch	25	38	1
84–1590	U–Bolt	6	24	2
84–1600	Bracket – Support, Trans.	3	13	1
84–1610	Support – Rod, Shift	3	10	1
84–1620	Plate – Support, Axle	6	10	2
84–5300	Nut	83	11	4
84–5300	Nut – Jam	86	3	2
84–6402	Orifice	18	26	1
84–6403	Orifice	85	14	2
84–6420	Plunger	19	37	2
84–6430	Plunger	19	31	1
85–4980	Switch – Toggle	17	17	1
85–6410	Decal – Danger	72	3	1
85–6410	Decal – Danger	78	20	1
85–6410	Decal – Danger	84	52	1
86–0010	Blade – 19	74	11	1
86–0010	Blade – 19	75	11	1
86–0010	Blade – 19	76	13	1
86–0050	Screw – Adjusting	70	7	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
86–0060	Sleeve – Tube	70	2	6
86–0690	Spacer	85	3	3
86–0700	Decal	72	8	1
86–0710	Decal – H.O.C. Wing LH	78	15	1
86–0720	Decal – HOC, LH	83	24	1
86–0730	Decal – HOC, RH	83	8	1
86–0740	Decal – Belt	83	31	1
86–0750	Decal – Belt LH	78	9	1
86–0760	Decal	72	13	1
86–0770	Decal – Quadfloat	73	6	1
86–0780	Decal – HOC	83	36	1
86–0790	Button – Guard	73	2	8
86–1150	Yoke – End	88	1	2
86–1160	Kit – Universal	88	2	2
86–1170	Shaft – Slip Yoke	88	3	1
86–1180	Tube – Slip Yoke	88	4	1
86–1410	Pulley – Gearbox 6.50 Dia.	81	16	1
86–1420	Hose – Hydraulic	85	21	1
86–1440	Washer – Flat	78	6	2
86–1440	Washer – Flat	72	15	2
86–1440	Washer – Flat	83	51	4
86–1440	Washer – Lock	82	11	8
86–1480	Washer	74	3	1
86–1480	Washer	75	3	1
86–1480	Washer	76	18	1
86–1490	Rod End – LH Thread	80	19	2
86–1550	Rod End – RH Thread	80	23	2
86–1560	Spacer	80	17	2
86–1570	Rod – Threaded	80	21	2
86–1700	Pulley	74	4	1
86–1710	Assembly – Clutch, Elect.	76	3	1
86–1730	Drive Shaft	81	10	1
86–1740	Spacer	76	5	1
86–1790	Yoke W.A. – Pulley	70	8	3
86–1820	Bracket – Pulley	80	9	1
86–1830	Cover – Drive Shaft	81	11	1
86–1840	Cover – Right Hand	73	5	1
86–1850	Cover – Left Hand	73	17	1
86–1860	Cover – Center	73	7	1
86–1870	Cover – Center, Right Hand	73	8	1
86–1880	Cover – Center, Left Hand	73	16	1
86–1890	Hinge	73	10	4
86–1890	Hinge	83	25	4
86–1900	Plate – Hinge	73	3	4
86–1910	Harness – Wire, Deck	15	8	1
86–1910	Wire Harness	81	13	1
86–1920	Spring – Torsion	73	11	2
86–1960	V–Belt	78	12	1
86–1960	V–Belt	72	16	1
86–1970	V–Belt	81	1	1
86–1990	Washer	81	4	6
86–1990	Washer	25	42	4
86–2000	Bolt – Thin Head	70	9	3
86–2010	Pin – H.O.C. Pivot	72	10	1
86–2010	Pin – H.O.C., Wing	78	14	1
86–2020	Support – Gear Box	81	3	1
86–2070	Nut	82	9	4
86–2080	Ball Joint	82	10	4
86–2090	Bushing	82	18	6
86–2120	Roller	82	19	4
86–2130	Pin – Clevis	82	21	2
86–2150	Lock W.A.	82	17	2
86–2180	Bushing	82	22	4
86–2190	Cylinder – Hydraulic	83	14	2
86–2190	Cylinder Assembly	86	*	1
86–2230	Cover – Guide, RH	83	9	1
86–2260	Cover – Guide, LH	83	*	1
86–2280	Frame – Carrier, RH	83	20	1
86–2320	Frame – Carrier, LH	83	23	1
86–2340	Shaft – Spindle	74	9	1
86–2340	Shaft – Spindle	75	9	1
86–2360	Shaft – Spindle	76	11	1
86–2380	Strap – Deck H.O.C.	83	19	2
86–2390	Pin – HOC	83	26	2
86–2400	Latch – Arm	80	14	2
86–2440	Assembly – Hose	85	17	2
86–2450	Assembly – Hose	85	18	2
86–2460	Assembly – Hose	85	7	2
86–2470	Assembly – Tube	85	5	1
86–2480	Assembly – Tube	85	2	1
86–2490	Assembly – Tube	85	4	1
86–2501	Orifice	18	22	2
86–2510	Spring	83	10	2
86–2560	Spring	82	13	2
86–2590	Rod – Clutch	80	4	2
86–2600	Washer	80	18	2
86–2600	Washer – Belt Guide	78	4	2
86–2600	Washer – Guide, Belt	72	18	2
86–2630	Spring – Compression	85	13	2
86–2640	Assembly – Tube, Cylinder	85	20	2
86–2650	Support – Spring	82	14	2
86–2660	Stop – Cover	73	14	1
86–2670	Decal – Pulley Adjustment	70	4	1
86–2680	Switch	82	24	2
86–2681	Switch Hardware Packet	82	*	1
86–2710	Assembly – Hose, Rear	31	26	1
86–2730	Hose – Hydraulic	57	14	1
86–2770	Assembly – Tube	58	62	1
86–2770	Assembly – Tube, Traction	31	24	1
86–2790	Pin – Pivot, L.H.	67	17	1
86–2800	Hose – Suction	24	26	1
86–2830	Plate W.A. – Adapter, Main	27	46	1
86–2860	Cover – Belt, Upper	12	34	1
86–2990	Mount – Throttle Cable	33	35	2
86–3010	Filter – Transmission	24	16	1
86–3020	Wire – Neutral, Switch	27	23	1
86–3030	Cover – Wire	25	25	1
86–3040	Coupling – Rubber	27	39	2
86–3040	Flange – Rubber	25	40	1
86–3090	Gear Box	81	9	1
86–3100	Pulley – Gearbox 7.50 Dia.	81	*	1
86–3120	Hose – Hydraulic Cap End	54	8	1
86–3130	Hose – Hydraulic Rod End	54	7	1
86–3140	Hose – Hydraulic	57	6	1
86–3150	Assembly – Hose	24	38	1
86–3150	Assembly – Hose	31	39	1
86–3160	Assembly – Hose	67	7	1
86–3170	Hose Assembly	67	15	1
86–3190	Assembly – Hose	18	23	2
86–3200	Hose Assembly	67	10	1
86–3210	Assembly – Hose	9	51	1
86–3220	Assembly – Hose	9	2	2
86–3230	Assembly – Hose	18	32	1
86–3240	Assembly – Hose	18	18	1
86–5410	Panel – Console	16	17	1
86–5420	Spacer – Rod, Shift	3	8	1
86–5430	Plate – Skid	6	26	1
86–5440	Valve – Relief, Dual	18	36	1
86–5450	Coupler – Hydraulic	67	24	3
86–5460	Nipple – Coupler	85	11	3
86–5470	Harness – Front	15	1	1
86–5470	Harness – Wire	25	9	1
86–5470	Harness – Wire	9	52	1
86–5500	Assembly – Hose	24	20	1
86–5500	Assembly – Hose	31	38	1
86–5570	Assembly – Hose	9	1	1
86–5580	Cylinder – Hydraulic	67	1	2
86–5590	Assembly – Pump	27	7	1
86–5610	Clutch	25	37	1
86–5620	Bearing	25	4	1
86–5720	Assy. – Tube, Steering	9	45	1
86–5730	Assy. – Tube, R.H. Front	9	43	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
86–5740	Assy. – Tube, L.H. Front	9	44	1
86–5750	Assy. – Tube, Drain	3	23	1
86–5760	Assy. – Tube, Deck Return	18	33	1
86–5770	Assy. Tube, Relief Valve	18	28	1
86–5780	Tube – Hydraulic L.H.	54	2	1
86–5780	Tube Assembly RH Rear	58	52	1
86–5790	Tube – Hydraulic R.H.	54	3	1
86–5790	Tube Assembly LH Rear	58	51	1
86–5810	Assembly – Tube	31	41	1
86–5810	Assembly – Tube	24	49	1
86–5830	Spring – Compression	7	5	2
86–5840	Plate – Spring	7	4	2
86–5860	Nipple	24	18	1
86–5860	Nipple	3	35	2
86–5890	Arm – Lift, R.H.	67	22	1
86–5900	Tire	6	17	2
86–5910	Tire	54	29	2
86–5910	Tire	57	37	2
86–5940	Spacer – Bearing	27	33	1
86–7470	Diode	15	7	4
86–8100	Ball – Joint	83	6	2
86–8130	Assembly – Hose	18	24	1
87–5100	Washer – Flat	32	14	4
87–6270	Socket – Light	17	*25	4
88–1140	Spacer – Bearing, Lower	25	15	1
88–1150	Spacer – Clutch	25	33	1
88–1160	Rod – Traction Linkage	8	11	1
88–1170	Belt – Matched Set	25	19	1
88–1190	Pin – Pivot W.A.	67	16	2
88–1200	Pin – Pivot, R.H.	67	*	1
88–1220	Plate	53	2	2
88–1260	Transaxle – 2 Speed	3	17	1
88–1280	Cover – Belt, Lower	25	35	1
88–1290	Bracket – Rod, Seat	31	16	1
88–1300	Cover – Seat Front	2	40	1
88–1310	Foam – Cover	2	39	1
88–1360	Washer	52	34	2
88–1360	Washer – Rear Weight	53	3	6
88–1370	Plate – Brake	26	3	1
88–1380	Fitting – Adapter	18	20	3
88–1420	Spring – Compression	12	27	1
88–1430	Nut – Lock, Bearing	27	48	1
88–1440	Washer – Lock	27	47	1
88–1450	Nut – Lock, Bearing	25	30	1
88–1460	Washer – Lock	25	32	1
88–1470	Plate – Control, Pump	27	22	1
88–1510	Screw – Special	25	23	1
88–1520	Cartridge – Relief	18	41	1
88–1530	Cartridge – Relief	18	42	1
88–1610	Assembly – Field Rotor	26	8	1
88–1620	Assembly – Armature	26	5	1
88–3590	Nut – Lock	68	14	1
88–3600	Piston	68	13	1
88–3610	Assembly – Barrel	68	15	1
88–3620	Assembly – Rod	68	1	1
88–3630	Head	68	5	1
88–3640	Kit – Seal	68	*	1
88–3670	Piston	56	3	1
88–3730	Body Assembly	29	14	1
88–3740	Idler Gear Assembly	29	2	1
88–3750	Drive Gear Assembly	29	3	1
88–3760	Capscrew	29	4	8
88–3770	Spring	29	21	1
88–8950	Decal – Warning	25	45	1
92–0600	Kit – Seal	86	*	1
92–0602	Assembly – Barrel	86	13	1
92–0603	Piston & Rod Assembly	86	5	1
92–0604	Head – Ring Retaining	86	7	1
92–0605	Housing	87	5	1
92–0606	Key	87	9	1
92–0607	Gear – RH	87	10	1
92–0608	Cap – Thru	87	14	1
92–0609	Seal	87	13	1
92–0610	Cone – Bearing	87	11	1
92–0611	Cup – Bearing	87	12	1
92–0612	Nut – Lock	87	23	1
92–0613	Washer – Lock	87	22	1
92–0614	Shaft – Pinion	87	19	1
92–0615	Seal	87	18	1
92–0616	Cone – Bearing	87	15	2
92–0617	Cup – Bearing	87	16	2
92–0618	Hub	87	17	1
92–0619	Gear – LH	87	21	1
92–0620	Shaft – Thru	87	8	1
92–0625	Idler Pulley Assembly	78	5	1
92–0625	Idler Pulley Assembly	80	6	2
92–0625	Idler Pulley Assembly	70	11	3
92–0625	Idler Pulley Assembly	72	19	1
92–0626	Assembly – Tube W.A.	70	5	3
92–0627	Armature & Pulley Assy.	77	5	1
92–0636	Shaft Assembly	5	3	1
92–0639	Case Assembly	4	15	1
92–0640	Bearing – Needle	4	28	1
92–0641	Shaft – Counter	4	20	1
92–0642	Gear – Output	4	17	1
92–0643	Gear – Ring	4	37	1
92–0644	Gear – Cluster	4	19	1
92–0645	Shaft & Gear – Shifter	4	21	1
92–0646	Bearing – Ball	4	42	2
92–0647	Rod – Shift (High–Low)	4	36	1
92–1180	Seat Assembly	14	1	1
92–1180	Seat Assembly	13	5	1
92–1351	Plug – Pulley	28	66	1
92–1352	Plug	30	42	3
92–1353	Shim	30	10	1
92–1354	Cap – End	30	1	1
92–1355	Plug – Special	30	2	2
92–1356	Valve – Screw 415 BAR	30	7	2
92–1357	Pin	30	43	1
92–1358	Coupling	30	41	1
92–1364	Guide – Switch, Pin	3	46	1
92–1365	Plunger – Switch	3	47	1
92–1366	Spring – Compression	3	51	1
92–1367	Arm – Traction Linkage	8	13	1
92–1370	Decal – Warning	8	44	1
92–2556	Motor – Fixed Displacement	3	37	1
92–2567	Spring	19	21	1
92–2568	Poppet	19	22	1
92–2571	Plug	5	4	2
92–2572	End Cap Assembly	5	14	1
92–2581	Neutral Switch Arm Assy.	27	51	1
92–2586	Arm – Brake Linkage	8	24	2
92–4033	Door Trap	80	26	2
92–4036	Cap – Rod	82	29	2
92–4037	Screw – Hex. Socket Hd.	82	30	2
92–5521	Tether Strap	14	8	2
92–5581	Ring – Retaining, Internal	72	25	1
92–5581	Ring – Retaining, Internal	78	26	1
92–5581	Ring – Retaining, Internal	84	54	2
92–5583	Washer	72	26	1
92–5583	Washer	78	27	1
92–5583	Washer	84	55	2
92–5804	Pedal – Brake L.H.	8	21	1
92–5805	Brake Pedal Assembly R.H.	8	23	1
92–5806	Shaft – Brake	8	26	1
92–5807	Retainer – Hardlines	85	22	2
92–5810	Assembly – Rod End	86	2	1
92–5810	Ball Joint	83	12	2
92–5811	Assembly – Rod End	86	14	1
92–5811	Ball Joint	83	16	2
92–5816	Bolt – Blade	74	14	1
92–5816	Bolt – Blade	75	14	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92–5816	Bolt – Blade	76	16	1
92–5817	Pin – Clutch Stop	25	34	1
92–5818	Housing – Bearing, Lower	25	14	1
92–5821	Assembly – Head, Filter	24	15	1
92–5825	Gear – Motor	57	28	1
92–5826	Gear – Axle	57	31	1
92–5828	Assembly – Hose	31	25	1
92–5830	Assembly – Hose	31	43	1
92–5830	Assy. – Hose, Traction L.H.	3	29	1
92–5833	Spacer – Ball Joint	57	45	2
92–5833	Spacer – Ball Joint	55	62	1
92–5835	Rear Axle Assembly	54	23	1
92–5836	Washer – Axle	58	66	1
92–5837	Assembly – Rod End	55	60	1
92–5838	Ball Joint	58	65	1
92–5839	Ball Joint	54	41	1
92–5839	Ball Joint	57	44	1
92–5840	Bracket – Mount, Filter	24	10	1
92–5841	Hose, Traction R.H. (2WD)	3	30	1
92–5844	Spacer – Ball Joint	57	40	1
92–6533	Seat Cushion Assembly	13	4	1
92–6534	Shell – Seat	13	7	1
92–6564	Decal – 4 Matic	17	1	1
92–6584	Cylinder – Hydraulic	57	46	1
92–6585	Hydraulic Cylinder Assy.	54	42	1
92–6586	Butt & Tube Assembly	60	1	1
92–6587	Piston Rod Assembly	60	9	1
92–6588	Gland	60	7	1
92–6590	Butt & Tube Assy.	56	1	1
92–6591	Rod–Piston	56	9	1
92–6592	Gland	56	7	1
92–6593	Kit – Seal	60	*	1
92–6594	Seal Kit	56	*	1
92–7301	Spacer	13	37	2
92–7381	Tube – Water, Return	34	5	1
92–7382	Cover – Manifold	34	17	1
92–7750	Fork	79	4	2
92–7752	Fork	79	*	2
92–7756	Deck – Wing, LH	78	18	1
92–7757	Deck W.A. – Center	83	32	1
92–7758	Wing Deck Assembly R.H.	72	20	1
92–7761	Assy. – Pump, Gear	27	5	1
92–7762	Lift Valve Assembly	18	15	1
92–7765	Assy. – Tube (4WD)	3	*	1
92–7767	Spring – Compression	70	3	2
92–7768	Spring – Compression	70	*	1
92–7773	Ball	6	32	6
92–7774	Stud	6	28	4
92–7775	Link	6	29	4
92–7776	Spring – Extension	6	30	4
92–7777	Disc – Actuating	6	31	4
92–7778	Spring	19	33	3
92–7779	Eyelet	19	38	3
92–7780	Plug Assembly	19	32	3
92–7781	Weight – Rear	52	40	1
92–7783	Backplate Assembly	29	22	1
92–7787	Pulley – Camshaft	40	26	1
92–7791	Seal – Valve	39	52	8
92–7792	Guide – Valve (14.29mm)	39	47	8
92–7793	Guide – Valve (14.59mm)	39	*	8
92–7794	Valve – Exhaust	39	50	4
92–7795	Seat – Exhaust Valve	39	51	4
92–8861	Cap	72	28	1
92–8861	Cap	78	29	1
92–8861	Cap	84	57	2
92–9651	Hub – Wheel	54	28	2
92–9652	Stud – Drive	54	37	10
92–9704	Housing – Axle	6	11	2
92–9706	Spacer – Axle Shaft	6	22	2
92–9708	Collar – Bearing	6	12	2
92–9709	Spacer – Bearing	6	14	2
92–9710	Bearing – Ball	6	13	2
92–9711	Weight – Rear	52	35	1
92–9712	Seal – V–Ring	6	23	2
92–9714	Axle Assembly	6	16	2
92–9721	Idler Pulley Assembly	72	5	1
92–9722	Idler Pulley Assembly	80	7	2
92–9722	Idler Pulley Assembly	72	17	1
92–9722	V–Idler Pulley Assembly	78	1	2
92–9724	Spindle – R.H.	54	*	1
92–9725	Spindle – L.H.	54	24	1
92–9726	Spring – Compression	72	27	1
92–9726	Spring – Compression	78	28	1
92–9726	Spring – Compression	84	56	2
92–9727	Assembly – Cap, H.O.C.	72	*	1
92–9727	Assembly – Cap, H.O.C.	78	*	1
92–9727	Assembly – Cap, H.O.C.	84	*	2
92–9729	Valve – Control, Steering	10	59	1
92–9730	Cap–End	11	18	1
92–9732	Plate – Wear	11	14	1
92–9736	Screw–Cap	11	19	7
92–9738	Bushing – Flange	63	2	2
92–9745	End Cap Kit	11	*	1
92–9749	Seal Kit	11	*	1
92–9800	Spacer – Spindle	74	10	1
92–9800	Spacer – Spindle	75	10	1
92–9800	Spacer – Spindle	76	12	1
93–0307	Nut – Retainer, Lock	55	67	2
93–0309	Washer – Tab	55	63	2
93–3102	Cap – Fuel	20	3	1
93–3163	Spring – Compression	13	30	2
93–3164	Cup – Spring	13	31	2
93–3165	Bracket – Spring	13	29	1
93–4207	Fitting – Hose Tee	33	8	1
93–4233	Engine Assembly	33	39	1
93–4233	Engine Assembly	32	42	1
93–4234	Rim – Wheel	79	9	4
93–4237	Bearing – Castor	71	12	4
93–4237	Bearing – Castor	79	12	4
93–4238	Hub	71	10	2
93–4239	Hub	79	10	2
93–4239	Rim – Wheel	71	9	4
93–4240	Wheel – 10,	79	*	2
93–4241	Spacer – Bearing	71	11	2
93–4241	Spacer – Bearing	79	11	2
93–4242	Plate	71	15	2
93–4242	Plate	79	15	2
93–4243	Tire – 10,	79	*	2
93–4244	10 Tube – w/Valve	79	*	2
93–5856	Valve – Solenoid	46	17	1
93–6028	Plate – Logo, TORO	52	17	1
93–7160	Cap – Oil	24	2	1
93–7221	Hose – Radiator, Upper	33	4	1
93–7223	Hose – Intake	33	18	1
93–7224	Hose – Air Cleaner	33	19	1
93–7229	Degassing Support Asm.	33	11	1
93–7236	Air Cleaner Support Asm	1	28	1
93–7236	Bracket – Support	33	44	1
93–7242	Decal – Service, 4WD	18	*	1
93–7243	Decal – Service, 2WD	18	37	1
93–7244	Bracket – Support	52	27	1
93–7245	Bracket – Support	34	12	1
93–7246	Muffler Assembly	34	6	1
93–7483	Light – Warning Bank	17	8	1
93–7484	Light – Warning Bank	17	11	1
93–7485	Filter Assembly	33	30	1
93–7571	Box – Degassing	33	41	1
93–7572	Sensor – Water Level	33	23	1
93–7594	Spacer – Tubular	33	3	1
93–7773	Screw – Hex. Hd. Flange	63	4	8
93–7775	Bearing	65	18	2
93–7783	Ring – Retaining	66	11	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
93–7784	Cover	66	12	2
93–7785	Nut – Slotted	66	13	2
93–7786	Fitting – Grease	66	17	2
93–7788	Hose – Return	33	12	1
93–7798	Hood	1	16	1
93–7799	Radiator Mount Assembly	52	8	1
93–9164	Indicator	51	1	1
93–9164	Service Indicator	33	32	1
93–9175	Dipstick	33	26	1
93–9175	Dipstick – Oil	35	3	1
93–9415	Panel – Tower	9	23	1
93–9426	Decal – Danger	2	50	1
93–9938	Assembly – Wheel, Castor	71	*	2
93–9938	Wheel – 8,	79	*	2
93–9939	Tire – 8,	71	8	2
93–9939	Tire – 8,	79	8	2
94–1412	Filter – Primary	51	3	1
94–1413	Filter – Safety	51	6	1
94–1414	Valve – Vacuator	51	5	1
94–1416	Adapter Assembly	33	31	1
94–1416	Asm. – Adaptor	51	7	1
94–1418	Hose – Radiator, Upper	33	2	1
94–1418	Hose – Radiator, Upper	52	46	1
94–1421	Coupling – Center, Spring	33	38	1
94–2630	Hose – Return	33	6	1
94–2638	Nut – Tinnerman	52	18	4
94–2800	Cap – Radiator	33	22	1
94–2801	Grommet – Rubber	33	40	2
94–2812	Grommet	34	7	1
94–2814	Kit – Exhaust Coupler	34	1	1
94–2815	Sleeve – Exhaust Flange	34	2	1
94–3100	Short Block Assembly	35	36	1
94–3101	Gasket Set	35	*	1
94–3103	Plug – Threaded	35	44	1
94–3104	Plug – Threaded	35	43	2
94–3106	Gasket	35	42	2
94–3108	Plug – 27.5 mm Dia.	35	*	8
94–3108	Plug – 27.5 mm Dia.	38	*	2
94–3109	Plug – 28.5 mm Dia.	35	*	9
94–3109	Plug – 28.5 mm Dia.	38	*	2
94–3110	Stud	35	45	1
94–3111	Pin – Groove	35	22	2
94–3112	Screw – Washer Hd.	35	17	2
94–3113	Cylinder Head Assembly	37	5	1
94–3114	Gasket – Head (1.83 mm)	39	*	1
94–3115	Nut – Lock	37	8	6
94–3116	Gasket	37	3	1
94–3117	Plate	37	2	1
94–3118	Plug	38	32	1
94–3119	Kit – Gasket	39	*	1
94–3120	Bracket	39	54	1
94–3121	Plug	39	44	1
94–3122	Gasket	39	43	1
94–3123	Screw – Cap Hex. Hd.	37	1	2
94–3124	Bolt – Valve Cover	38	22	3
94–3124	Screw – Cap Hex. Hd.	43	8	2
94–3125	Washer	38	21	3
94–3125	Washer – Flat	41	3	1
94–3126	Protector – Lower	41	5	1
94–3127	Case – Timing, Left	41	7	1
94–3128	Case – Timing, Right	41	9	1
94–3129	Plug	41	4	1
94–3130	Screw	41	2	1
94–3131	Screw	44	1	3
94–3131	Screw	41	10	1
94–3132	Screw	41	1	2
94–3133	Nut W/Washer	41	6	1
94–3134	Nut	41	8	1
94–3135	Bracket – Lifting	38	15	1
94–3136	Bracket – Lifting	38	23	1
94–3137	Bracket – Lifting	38	25	1
94–3138	Screw	38	24	1
94–3139	Screw	38	26	1
94–3141	Thrust Bearing Set (Std.)	36	13	2
94–3144	Pulley	36	3	1
94–3145	Screw – Cap Hex. Hd.	36	1	1
94–3148	Seal – Shaft	36	11	1
94–3149	Gear – Flywheel	36	17	1
94–3150	Screw – Cap Hex. Hd.	36	7	4
94–3151	Washer	36	8	6
94–3152	Screw – Cap Hex. Hd.	36	33	2
94–3153	Rod – Connecting	36	25	4
94–3154	Bushing – Sleeve	36	24	4
94–3155	Bearing – Connecting Rod	36	*	4
94–3157	Piston Set – Std.	36	29	1
94–3158	Piston Ring Set Std.	36	23	4
94–3159	Roller Assembly	40	11	1
94–3160	Roller Assembly	40	15	1
94–3161	Screw	40	16	2
94–3161	Screw	46	24	1
94–3162	Stud	40	9	1
94–3163	Screw	40	6	1
94–3164	Washer – Spring	42	7	7
94–3164	Washer – Spring	40	10	4
94–3164	Washer – Spring	46	10	6
94–3165	Nut	46	6	4
94–3165	Nut – Lock	40	12	1
94–3166	Washer – Flat	40	7	1
94–3167	Bracket – Fan	40	24	1
94–3168	Pulley – Fan	40	21	1
94–3169	Screw	40	25	1
94–3170	Screw	40	17	1
94–3171	Screw	40	20	2
94–3172	Washer	40	19	3
94–3173	Screw	40	22	3
94–3174	Washer	38	27	8
94–3176	Gear – Oil Pump	43	2	1
94–3177	Plug	43	12	2
94–3178	Strainer	43	9	1
94–3179	Washer – Spring	43	4	3
94–3180	Switch – Pressure	35	32	1
94–3181	Oil Filler	35	1	1
94–3182	Plug	35	2	1
94–3183	Gasket	35	39	1
94–3184	Union	35	4	1
94–3186	O–Ring	35	40	1
94–3191	Union	35	48	1
94–3192	Union	35	47	1
94–3194	Cover – Pump, Water	45	5	1
94–3195	Gasket – Pump, Water	45	4	1
94–3196	Inlet – Water	45	7	1
94–3196	Inlet – Water	38	31	1
94–3197	O–Ring	45	3	1
94–3197	O–Ring	38	30	1
94–3198	Screw	45	8	2
94–3199	Pipe – By–Pass	39	39	1
94–3200	Hose – By–Pass	38	37	1
94–3201	Hose – By–Pass	39	40	1
94–3205	Box – Outlet	44	3	1
94–3206	Gasket	44	9	1
94–3207	Ring	44	4	1
94–3208	Stub – Outlet	44	2	1
94–3209	Thermostat	44	11	1
94–3210	Gasket	44	10	1
94–3211	Temp Sending Unit	44	6	1
94–3212	Plug	44	7	2
94–3213	Screw	44	8	1
94–3214	Screw	44	5	1
94–3215	Manifold – Intake	42	3	1
94–3216	Screw	42	8	5
94–3217	Screw	42	9	4
94–3218	Screw	42	*	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
94–3219	Pump – Injection	46	19	1
94–3220	Bracket	46	3	1
94–3221	Screw	46	11	1
94–3222	Key	46	20	1
94–3223	Screw	46	25	1
94–3224	Washer – Flat	46	9	2
94–3225	Screw	46	4	2
94–3226	Gasket – Injector	47	4	4
94–3227	Spacer	47	8	4
94–3228	Spring	47	7	4
94–3229	Union	47	11	3
94–3230	Hose	47	1	1
94–3231	Bracket	47	13	2
94–3232	Washer – 0.79 mm	47	6	4
94–3233	Washer – 0.82 mm	47	*	4
94–3234	Washer – 0.85 mm	47	*	4
94–3235	Washer – 0.88 mm	47	*	4
94–3236	Washer – 0.91 mm	47	*	4
94–3237	Washer – 0.94 mm	47	*	4
94–3238	Washer – 0.97 mm	47	*	4
94–3239	Washer – 1.00 mm	47	*	4
94–3240	Washer – 1.03 mm	47	*	4
94–3241	Washer – 1.06 mm	47	*	4
94–3242	Washer – 1.30 mm	47	6	4
94–3243	Washer – 1.33 mm	47	*	4
94–3244	Washer – 1.36 mm	47	*	4
94–3245	Washer – 1.39 mm	47	*	4
94–3246	Washer – 1.42 mm	47	*	4
94–3247	Washer – 1.45 mm	47	*	4
94–3248	Washer – 1.48 mm	47	*	4
94–3249	Tube – Outlet	46	22	1
94–3250	Screw – Connection	46	23	1
94–3251	Nut	46	15	1
94–3251	Nut – Lock	50	8	1
94–3252	Alternator	48	12	1
94–3253	Bracket	48	7	1
94–3254	Screw	48	6	1
94–3255	Slide	48	4	1
94–3256	Belt	48	5	1
94–3257	Washer – Spring	48	13	1
94–3258	Screw	48	14	1
94–3260	Washer – Flat	48	3	1
94–3261	Nut	48	11	1
94–3262	Nut	48	10	1
94–3263	Starter	49	3	1
94–3264	Plug – Glow	50	3	4
94–3265	Cable – Glow Plug	50	2	4
94–3266	Nut – Hex.	50	5	4
94–3267	Nut – Lock	50	6	1
94–3274	O–Ring	46	18	1
94–3275	Solenoid – Starter	49	*	1
94–5601	Support – Tank, Lower	1	9	1
94–5604	Hose – Overflow	33	15	1
94–5605	Hydraulic Tube Assembly	24	37	1
94–5605	Tube Assembly – Oil Cooler	52	32	1
94–5608	Mount – Rubber	34	11	1
94–5609	Cover Asm – Hood, Lower	1	31	1
94–5612	Screen Assembly	52	15	1
94–5613	Stop – Rubber	1	17	2
94–5614	Bracket – Hour Meter	20	43	1
94–5615	Bracket – Return Hose	32	43	1
94–5616	Seal – Hood	52	9	1
94–5617	Seal – Strip, Hood	1	22	2
94–5618	Trim – Fire Wall	1	15	1
94–5621	Bracket Assembly – Screen	52	10	1
94–5622	Seal Strip – Screen	52	12	1
94–5623	Harness – Wire Relay	20	37	1
94–5623	Harness – Wire, Main	15	6	1
94–5623	Harness – Wire, Main	25	31	1
94–5623	Wire Harness – Main	33	36	1
94–5624	Screw – Cap Hex. Hd.	32	25	2
94–5625	Hose – Radiator, Overflow	33	13	1
94–5625	Hose – Radiator, Overflow	52	50	1
94–5626	Latch – Draw	1	23	1
94–5627	Plug	16	11	1
94–5643	Bearing	65	12	2
217–124	Rim	6	18	2
217–125	Rim	54	31	2
217–125	Rim	57	38	2
218–446	Washer – Lock	17	3	1
218–447	Nut – Hex.	17	4	1
218–461	Nut – Hex	12	15	2
218–573	Fuse – 5A	16	21	2
218–581	Fuse – 15A	16	21	1
218–591	Coil Assembly	59	6	1
218–592	Nut – Coil	59	7	1
218–593	Fuse – 30A	16	*	1
219–17	Bulb	17	*16	4
232–27	Stem – Valve	6	19	2
232–27	Stem – Valve	54	30	2
232–27	Stem – Valve	57	39	2
233–17	Knob	9	24	1
233–39	Knob – Throttle	16	1	1
233–42	Knob	18	13	3
237–7	O–Ring	12	23	1
237–21	O–Ring	67	6	6
237–21	O–Ring	18	21	3
237–22	O–Ring	9	3	10
237–22	O–Ring	31	5	4
237–22	O–Ring	85	10	9
237–22	O–Ring	18	17	2
237–22	O–Ring	24	28	1
237–22	Seal – O–Ring	57	2	6
237–22	Seal – O–Ring	54	4	4
237–30	O–Ring	31	8	3
237–30	O–Ring	12	18	1
237–30	O–Ring	3	24	1
237–30	O–Ring	24	32	5
237–30	O–Ring	18	34	2
237–30	O–Ring	3	48	1
237–42	O–Ring	18	5	5
237–42	O–Ring	85	8	14
237–42	O–Ring	57	42	2
237–65	O–Ring	31	2	8
237–65	O–Ring	57	11	9
237–65	O–Ring	24	13	6
237–65	O–Ring	52	22	6
237–65	O–Ring	3	33	6
237–65	Seal – O–Ring	5	5	2
237–78	O–Ring	67	3	4
237–78	O–Ring	31	42	2
237–78	O–Ring	18	43	1
237–78	O–Ring	57	47	2
237–78	Seal – O–Ring	54	43	2
237–79	O–Ring	18	4	4
237–79	O–Ring	9	5	4
237–79	O–Ring	31	14	6
237–79	O–Ring	67	23	3
237–79	O–Ring	3	28	3
237–79	O–Ring	24	34	3
237–80	O–Ring	59	2	2
237–80	O–Ring	31	4	6
237–80	O–Ring	30	23	3
237–80	O–Ring	24	30	3
237–81	O–Ring	24	5	3
237–81	O–Ring	57	22	2
237–136	Grommet	12	24	2
237–141	Grommet – Rubber	80	2	4
237–146	O–Ring	31	36	1
237–161	O – Ring	29	25	1
237–161	O–Ring	27	6	1
237–166	O–Ring	57	26	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
237–167	O–Ring	3	27	1
240–6	Grommet	20	18	3
240–11	Grommet	24	11	3
242–34	Stud – Axle	6	21	10
242–50	Nut – Lug	54	35	10
249–49	Ring	24	48	4
2410–64	Plug – Dome	9	34	2
2411–36	Eye – Rod	8	2	3
2411–36	Rod – End	3	3	1
2411–36	Rod End	7	9	2
2411–36	Rod End	9	21	1
2411–36	Rod End	27	27	1
2411–45	Joint – Ball R.H.	55	*	1
2411–46	Joint – Ball L.H.	55	46	1
2412–3	Clamp – Hose	33	1	3
2412–3	Clamp – Hose	34	4	1
2412–3	Clamp – Hose	52	45	2
2412–31	Clip – Conduit	16	23	1
2412–34	Clamp – Hose	24	27	1
2412–34	Clamp – Hose	31	34	1
2412–36	Clamp – Hose	33	7	5
2412–36	Clamp – Hose	20	24	1
2412–36	Clamp – Hose	24	47	1
2412–36	Clamp – Hose	52	51	1
2412–39	R–Clamp	16	27	1
2412–74	Clamp	12	14	1
2412–74	Clamp – R	57	20	1
2412–74	Clamp – R	9	49	1
2412–74	Clamp–R	10	63	1
2412–104	Clamp – R	31	11	1
2412–104	Clamp – R	10	62	1
2412–108	Clamp – Hose	20	5	6
2412–108	Clamp – Hose	33	10	4
2412–109	Clamp–J	25	10	2
2412–122	Clamp Assembly	55	48	2
2412–123	Tie Rod Assembly	55	49	1
2412–125	Clamp – Hose	33	20	3
2412–129	Clamp – Hose	35	8	8
2412–129	Clamp – Hose	33	14	2
2412–129	Clamp – Hose	34	14	4
2412–129	Clamp – Hose	38	36	4
2412–133	Clamp – R	12	2	2
2412–137	R–Clamp	67	11	1
2412–138	Clamp – R	73	19	1
2412–138	Clamp–R	81	14	1
2412–150	Clip – J	3	49	1
251–259	Bearing – Ball	27	29	2
251–310	Bearing – Ball	25	16	2
251–314	Bearing	27	45	2
251–321	Bearing – Castor	79	*17	4
251–332	Spacer – Bearing	79	*19	2
253–43	Seal – Grease	27	40	1
253–154	Seal – Oil	74	5	2
253–154	Seal – Oil	75	5	2
253–154	Seal – Wave	76	7	2
254–72	Cup – Bearing	55	64	2
254–92	Cone – Bearing	55	65	2
254–94	Cone – Bearing	87	4	1
254–106	Cone – Bearing	54	26	2
254–107	Cup – Bearing	54	27	2
256–10	Bushing – Flange	1	4	2
256–10	Bushing – Flange	8	22	4
256–90	Bushing – Flange	8	19	1
256–113	Bushing	27	52	2
256–237	Bushing – Sleeve	1	5	1
256–243	Bushing	80	27	2
283–2	Pin – Clevis	7	16	2
283–61	Pin – Clevis	82	20	6
285–22	Plug – Pipe	20	27	1
289–44	Nipple – Pipe	3	20	1
289–50	Nipple – Pipe	3	18	1
2811–1	Fitting – 45˚ Elbow	52	39	1
2812–1	Fitting – Reducing Bushing	20	26	1
2812–11	Bushing – Reducer	3	16	1
2813–14	Elbow – Pipe 90˚	3	19	1
302–2	Fitting – Grease	74	1	1
302–2	Fitting – Grease	75	1	1
302–2	Fitting – Grease	8	20	1
302–2	Fitting – Grease	55	53	1
302–2	Fitting – Grease	58	55	1
302–5	Fitting – Grease	72	1	1
302–5	Fitting – Grease	7	2	2
302–5	Fitting – Grease	82	2	8
302–5	Fitting – Grease	57	7	2
302–5	Fitting – Grease	86	17	2
302–5	Fitting – Grease	67	21	6
302–5	Fitting – Grease	78	24	1
302–5	Fitting – Grease	8	27	3
302–5	Fitting – Grease	27	37	3
302–5	Fitting – Grease	54	40	2
302–5	Fitting – Grease	83	48	2
302–11	Fitting – Grease	54	22	2
302–14	Plug – Vent	3	15	1
302–33	Fitting – Grease 90˚	76	1	1
302–40	Fitting – Grease 90˚	79	*18	2
302–60	Fitting – Grease	25	43	1
302–60	Fitting – Grease 90˚	83	50	2
304–46	Drain Cock	52	38	1
321–2	Screw – Cap Hex. Hd.	16	12	1
321–3	Screw – Cap Hex. Hd.	20	34	2
321–5	Screw – Cap Hex. Hd.	12	30	1
321–10	Screw – Cap Hex. Hd.	18	7	2
321–15	Screw – Cap Hex. Hd.	31	17	2
322–2	Screw – Cap Hex. Hd.	67	2	5
322–2	Screw – Cap Hex. Hd.	31	9	1
322–2	Screw – Cap Hex. Hd.	12	38	2
322–3	Screw – Cap Hex. Hd.	13	12	4
322–3	Screw – Cap Hex. Hd.	32	27	4
322–3	Screw – Cap Hex. Hd.	52	49	3
322–4	Screw – Cap Hex. Hd.	14	5	4
322–4	Screw – Cap Hex. Hd.	52	29	2
322–4	Screw – Cap Hex. Hd.	8	41	2
322–5	Screw – Cap Hex. Hd.	28	55	2
322–6	Screw – Cap Hex. Hd.	27	1	2
322–6	Screw – Cap Hex. Hd.	31	18	1
322–6	Screw – Cap Hex. Hd.	13	28	1
322–7	Screw – Cap Hex. Hd.	27	30	1
322–10	Screw – Cap Hex. Hd.	27	19	1
322–21	Screw – Cap Hex. Hd.	8	31	3
323–4	Screw – Cap Hex. Hd.	1	30	1
323–4	Screw – Cap Hex. Hd.	20	40	7
323–4	Screw – Cap Hex. Hd.	32	41	1
323–4	Screw – Hex. Hd	82	5	4
323–5	Screw – Cap Hex. Hd.	24	24	3
323–6	Screw – Cap Hex. Hd.	14	10	2
323–6	Screw – Cap Hex. Hd.	9	10	4
323–6	Screw – Cap Hex. Hd.	1	24	1
323–7	Screw – Cap Hex. Hd.	27	4	2
323–7	Screw – Cap Hex. Hd.	20	20	2
323–7	Screw – Cap Hex. Hd.	3	38	2
323–7	Screw – Cap Hex.. Hd.	7	10	2
323–7	Screw–Cap, Hex. Hd.	29	28	2
323–8	Screw – Cap Hex. Hd.	9	20	1
323–9	Screw – Cap Hex. Hd.	3	1	1
323–9	Screw – Cap Hex. Hd.	32	3	1
323–9	Screw – Cap Hex. Hd.	8	14	1
323–9	Screw – Cap Hex. Hd.	13	34	2
323–12	Screw – Cap Hex. Hd.	8	29	2
323–13	Screw – Cap Hex. Hd.	78	2	2
323–13	Screw – Cap Hex. Hd.	80	8	4
323–13	Screw – Cap Hex. Hd.	72	9	3
323–14	Screw – Cap Hex. Hd.	81	7	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
323–15	Screw – Cap Hex. Head	73	13	4
323–17	Screw – Cap Hex. Hd.	18	10	1
323–17	Screw – Hex. Hd.	12	16	1
323–20	Screw – Cap Hex. Hd.	34	8	2
323–29	Screw – Cap Hex. Hd.	27	14	3
323–33	Screw – Cap Hex. Hd.	32	8	2
323–47	Screw – Cap Hex. Hd.	27	34	6
324–4	Screw – Cap Hex. Hd.	31	6	2
324–4	Screw – Cap Hex. Hd.	28	58	2
324–12	Screw – Cap Hex. Hd.	32	17	3
325–2	Screw – Cap Hex. Hd.	69	5	4
325–2	Screw – Cap Hex. Hd.	3	44	1
325–4	Screw – Cap Hex. Hd.	57	25	2
325–4	Screw – Cap Hex. Hd.	6	27	1
325–5	Screw – Cap Hex. Hd.	80	15	2
325–5	Screw – Cap Hex. Hd.	2	47	2
325–7	Screw – Cap Hex. Hd.	80	24	2
325–9	Screw – Cap Hex. Hd.	81	5	4
325–9	Screw – Cap Hex. Hd.	25	29	2
325–9	Screw – Cap Hex. Hd.	12	37	2
325–11	Screw – Cap Hex. Hd.	83	18	2
325–14	Screw	25	12	1
325–15	Screw – Cap Hex. Hd.	6	25	10
325–18	Screw – Cap Hex. Hd.	53	4	2
325–20	Screw – Cap Hex. Hd.	54	13	2
325–20	Screw – Cap Hex. Hd.	57	16	2
325–33	Screw – Cap Hex. Hd.	69	3	2
325–34	Screw – Hex. Flange Hd.	52	33	2
325–35	Screw – Cap Hex. Hd.	83	2	4
325–35	Screw – Cap Hex. Hd.	54	16	2
325–35	Screw – Cap Hex. Hd.	57	34	2
325–35	Screw – Cap Hex. Hd.	52	41	2
327–24	Screw – Cap Hex. Hd.	79	5	2
327–24	Screw – Cap Hex. Hd.	71	6	2
3210–5	Screw – Cap Hex. Hd.	54	45	2
3212–5	Screw – Cap Hex. Hd.	69	9	2
3212–5	Screw – Cap Hex. Hd.	14	14	2
3213–2	Screw – Hex. Hd. Flange	27	8	2
3216–6	Screw – Cap Hex. Hd.	72	6	1
3216–6	Screw – Cap Hex. Hd.	78	17	1
3217–6	Nut – Hex.	13	17	1
3217–9	Nut – Jam	70	6	3
3217–26	Nut	17	15	2
3218–2	Nut – Jam	13	20	4
3218–2	Nut – Jam	8	40	2
3218–18	Nut – Jam	82	7	2
3218–19	Nut – Hex.	17	7	2
3220–3	Nut – Jam	8	3	3
3220–3	Nut – Jam	3	4	1
3220–3	Nut – Jam	7	7	2
3220–3	Nut – Jam	9	19	1
3220–3	Nut – Jam	28	54	1
3220–5	Nut – Jam	80	22	2
3220–7	Nut – Jam	67	12	3
3220–7	Nut – Jam	54	33	2
3220–11	Nut – Jam	55	66	1
3220–12	Nut – Jam LH Thread	80	20	2
3230–16	Bolt – Carriage	14	2	4
3231–22	Bolt – Carriage	2	34	2
3234–1	Screw – Cap Hex. Hd.	81	8	4
3234–1	Screw – Hex. Flange Hd.	27	31	4
3234–1	Screw – Hex. Flange Hd.	83	34	1
3234–4	Screw – Cap Hex. Hd.	57	4	1
3234–4	Screw – Cap Hex. Hd.	3	43	2
3234–11	Screw	32	15	6
3234–11	Screw – Flange	33	27	3
3234–11	Screw – Hex. Flange Head	74	6	6
3234–11	Screw – Hex. Flange Head	75	6	6
3234–11	Screw – Hex. Flange Head	76	8	6
3234–11	Screw – Hex. Washer Hd.	52	28	5
3234–12	Screw – Cap Hex. Hd.	54	17	2
3234–12	Screw – Hex. Flange Hd.	3	12	2
3234–12	Screw – Hex. Washer Hd.	20	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.	8	17	2
3234–14	Screw – Hex. Flange Hd.	13	35	6
3234–14	Screw – Hex. Hd. Flange	52	11	2
3234–18	Screw – Flange Head	25	39	1
3234–22	Screw – Flange Head	25	24	3
3234–29	Screw – Cap Flange Head	73	4	8
3234–29	Screw – Cap Hex. Hd.	71	13	8
3234–29	Screw – Hex. Flange Hd.	79	13	8
3234–30	Screw – Hex. Hd. Flange	6	6	6
3234–30	Screw – Hex. Flange Hd.	52	1	10
3234–32	Screw – Hex. Flange Hd.	54	11	6
3234–32	Screw – Hex. Flange Hd.	57	33	6
3247–4	Screw – Set	67	27	2
3249–11	Screw – Machine Rd. Hd.	27	25	2
3250–20	Screw – Pan Phil. Hd.	73	1	8
3250–36	Screw – Phillips Pan Hd.	1	7	2
3253–4	Washer – Lock	67	4	5
3253–4	Washer – Lock	14	6	4
3253–4	Washer – Lock	13	11	4
3253–4	Washer – Lock	32	26	4
3253–6	Washer – Lock	31	10	2
3253–6	Washer – Lock	69	10	2
3253–6	Washer – Lock	14	13	2
3253–6	Washer – Lock	28	59	2
3253–7	Washer – Lock	69	6	4
3253–15	Washer – Lock	20	30	5
3253–21	Washer – Lock	32	7	3
3253–21	Washer – Lock	9	9	4
3253–21	Washer – Lock	20	21	9
3253–21	Washer – Lock	1	25	2
3253–21	Washer – Lock	4	44	6
3253–33	Washer – Lock	13	18	1
3254–1	Washer – Lock	17	14	2
3254–20	Washer – Lock, Int. Tooth	17	6	1
3255–7	Washer – Lock Ext. Tooth	16	22	1
3255–8	Washer – Lock Ext. Tooth	16	19	1
3255–8	Washer – Lock, Ext. Tooth	32	20	2
3256–2	Washer	14	7	4
3256–2	Washer – Flat	13	10	8
3256–3	Washer	17	23	2
3256–3	Washer	28	64	1
3256–3	Washer – Flat	52	19	2
3256–3	Washer – Flat	1	33	2
3256–3	Washer – Flat	12	36	1
3256–3	Washer – Flat	8	43	1
3256–5	Washer – Flat	69	11	2
3256–5	Washer – Flat	14	12	2
3256–22	Washer – Flat	9	41	1
3256–23	Washer – Flat	52	2	6
3256–23	Washer – Flat	31	19	1
3256–23	Washer – Flat	12	39	2
3256–23	Washer – Flat	9	47	2
3256–23	Washer – Flat	55	55	1
3256–23	Washer – Flat	58	57	1
3256–24	Washer	14	9	4
3256–24	Washer	16	30	1
3256–24	Washer – Flat	32	4	4
3256–24	Washer – Flat	25	7	6
3256–24	Washer – Flat	18	11	2
3256–24	Washer – Flat	20	11	9
3256–24	Washer – Flat	1	26	2
3256–24	Washer – Flat	13	26	3
3256–24	Washer – Flat	27	35	9
3256–24	Washer – Flat	8	37	1
3256–24	Washer – Flat	3	52	2
3256–26	Washer – Flat	69	2	4
3256–26	Washer – Flat	83	3	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3256–26	Washer – Flat	27	9	2
3256–26	Washer – Flat	80	25	2
3256–26	Washer – Flat	9	36	4
3256–26	Washer – Flat	52	43	2
3256–28	Washer – Flat	69	12	2
3256–28	Washer – Flat	54	14	1
3256–28	Washer – Flat	57	18	1
3256–35	Washer – Flat	72	4	1
3256–49	Washer – Flat	12	6	1
3256–67	Washer – Flat	73	18	8
3256–70	Washer – Flat	25	36	3
3256–71	Washer – Flat	27	16	3
3256–77	Washer – Flat	16	7	1
3256–78	Washer – Flat	16	10	1
3256–78	Washer – Flat	1	13	2
3272–1	Pin – Cotter	18	8	6
3272–5	Pin – Cotter	82	16	6
3272–5	Pin – Cotter	9	39	2
3272–6	Pin – Cotter	7	18	2
3272–7	Pin – Cotter	66	14	2
3272–9	Pin – Cotter	82	15	2
3272–10	Pin – Cotter	9	38	1
3272–11	Pin – Cotter	83	30	2
3272–12	Pin – Cotter	83	4	2
3272–12	Pin – Cotter	54	39	4
3272–12	Pin – Cotter	58	64	2
3272–13	Pin – Cotter	54	34	2
3273–17	Screw – Hex. Socket Hd.	88	5	4
3274–19	Screw – Cap Socket Hd.	8	12	1
3274–68	Screw – Socket Button Hd.	17	19	4
3274–71	Screw – Soc. Hex. Hd.	25	1	2
3274–87	Screw – Flat Hd. Socket	6	3	12
3290–126	Screw – Hex. Washer Hd.	16	8	3
3290–148	Nut – Lock	16	4	1
3290–256	Pin – Cotter Hair	78	13	1
3290–256	Pin – Cotter, Hair	83	22	2
3290–256	Pin – Cotter, Hair	72	24	1
3290–271	Rivet – Pop	52	5	2
3290–282	Rivet – Pop	12	5	1
3290–282	Rivet – Pop	33	37	1
3290–307	Pin – Cotter, Hair	12	26	1
3290–357	Nut – Flange	74	8	6
3290–357	Nut – Flange	76	10	6
3290–357	Nut – Flange	33	16	3
3290–357	Nut – Flange	2	38	2
3290–357	Nut – Flange Head	3	14	1
3290–357	Nut – Flange Head	28	56	1
3290–357	Nut – Lock	32	36	9
3290–357	Nut – Lock, Flange Head	75	8	6
3290–359	Screw – Round Hd.	1	21	3
3290–378	Tie – Cable	80	3	2
3290–378	Tie – Cable	33	9	2
3290–378	Tie – Cable	32	37	1
3290–378	Tie – Cable	10	60	2
3290–379	Tie – Cable	18	6	1
3290–467	Pin – Cotter, Hair	1	19	2
3290–467	Pin – Hair, Cotter	80	1	2
3290–477	Washer – Curved	28	57	2
3290–483	Washer – Belleville	80	16	2
3290–483	Washer – Belleville	2	44	2
3296–6	Nut – Lock	77	9	3
3296–6	Nut – Lock	26	10	3
3296–9	Nut – Lock	27	18	2
3296–12	Nut – Lock	16	24	2
3296–15	Nut – Lock	72	11	1
3296–15	Nut – Lock	78	11	1
3296–23	Nut – Hex. Lock	52	13	2
3296–23	Nut – Lock	83	21	2
3296–25	Nut – Lock	69	8	2
3296–25	Nut – Lock	80	11	2
3296–25	Nut – Lock	25	27	5
3296–25	Nut – Lock	2	43	2
3296–29	Nut – Lock	82	1	2
3296–29	Nut – Lock	14	3	4
3296–29	Nut – Lock	27	15	5
3296–29	Nut – Lock	13	19	4
3296–39	Nut – Lock	14	11	2
3296–39	Nut – Lock	7	13	2
3296–39	Nut – Lock	18	14	1
3296–39	Nut – Lock	81	17	2
3296–39	Nut – Lock	78	19	1
3296–39	Nut – Lock	72	23	1
3296–39	Nut – Lock	12	28	1
3296–39	Nut – Lock	27	36	6
3296–39	Nut – Lock	25	41	3
3296–42	Nut – Lock	16	9	2
3296–42	Nut – Lock	8	33	1
3296–42	Nut – Lock	20	36	2
3296–44	Nut – Lock	16	25	1
3296–45	Nut – Lock	58	60	2
3296–45	Nut – Lock	80	28	2
3296–45	Nut – Lock	55	58	2
3296–47	Nut – Lock	16	18	1
3296–47	Nut – Lock	31	21	1
3296–47	Nut – Lock	52	24	5
3296–47	Nut – Lock	25	44	1
3296–47	Nut – Lock	28	62	2
3296–49	Nut – Lock	74	2	1
3296–49	Nut – Lock	75	2	1
3296–49	Nut – Lock	76	2	1
3296–49	Nut – Lock	9	12	2
3296–51	Nut – Lock	54	10	1
3296–51	Nut – Lock	57	19	1
3296–53	Nut – Lock	79	3	2
3296–53	Nut – Lock	71	7	2
3296–59	Nut – Lock	8	1	4
3296–59	Nut – Lock	3	7	1
3296–59	Nut – Lock	7	8	2
3296–59	Nut – Lock	27	24	3
3296–59	Nut – Lock	9	31	1
3296–59	Nut – Lock, Flange Head	73	9	4
32104–37	Screw – Cap Hex. Hd.	55	54	1
32104–37	Screw – Cap Hex. Hd.	58	56	1
32104–82	Screw – Hex. Washer Hd.	12	13	1
32108–58	Screw – Machine Flat Hd.	67	25	4
32120–15	Ring – Retaining	57	32	2
32120–19	Ring – Retaining, Ext.	7	12	4
32120–74	Ring – Retaining	28	67	1
32121–6	Pin – Roll	9	35	1
32121–6	Pin – Roll	3	45	1
32121–10	Pin – Roll	9	16	1
32121–11	Pin – Roll	80	12	2
32121–11	Pin – Roll	2	45	2
32121–24	Pin – Roll	3	42	1
32121–25	Pin – Roll	8	25	2
32121–50	Pin – Roll	8	35	1
32121–51	Pin – Roll	83	13	2
32121–123	Pin – Roll	9	18	2
32122–24	Screw – Round Hd.	20	31	5
32128–19	Nut – Flange Hd.	83	1	2
32128–19	Nut – Flange Lock	13	33	2
32128–19	Nut – Lock Flange Hd.	78	3	2
32128–19	Nut – Lock, Flange	34	13	2
32128–19	Nut – Lock, Flange Hd.	80	5	2
32128–20	Nut – Lock	8	36	2
32128–20	Nut – Lock Flange	52	26	2
32128–20	Nut – Lock, Flange	34	9	2
32128–20	Nut – Lock, Flange Head	31	12	1
32128–20	Nut – Lock, Flange Head	73	12	8
32128–21	Nut – Flange Hd.	83	35	1
32128–23	Nut – Flange Hd.	83	42	2
32128–23	Nut – Flange Lock	54	1	6

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
32128–23	Nut – Flange Lock	57	1	6
32128–23	Nut – Hex. Flange Hd.	81	15	4
32128–25	Nut – Flange Lock	13	23	4
32128–25	Nut – Side Lock	71	16	8
32128–25	Nut – Side Lock	79	16	8
32128–33	Nut – Flange Lock	17	18	4
32128–33	Nut – Flange, Lock	58	53	1
32128–33	Nut – Lock	12	10	2
32128–37	Nut – Lock, Flange Hd.	32	13	3
32128–43	Nut – Lock, Flange Head	70	1	3
32128–49	Nut – Flange Head	25	28	3
32128–49	Nut – Hex. Flange	52	44	2
32128–49	Nut – Lock	55	59	2
32128–49	Nut – Lock	58	61	2
32128–50	Nut – Lock, Flange Hd.	6	9	4
32128–54	Nut – Flange	86	1	2
32128–54	Nut – Flange	78	7	1
32128–54	Nut – Flange	82	12	8
32128–54	Nut – Flange	72	14	1
32128–54	Nut – Flange	83	17	2
32136–2	Nut	83	5	2
32136–13	Nut – Slotted	54	38	2
32136–14	Nut – Hex. Slotted Hd.	55	61	2
32136–14	Nut – Hex. Slotted Hd.	58	63	2
32144–4	Screw – Hex. Washer Hd.	17	12	6
32144–4	Screw – Hex. Washer Hd.	16	14	10
32144–4	Screw – Hex. Washer Hd.	9	28	4
32144–4	Screw – Thread Forming	24	44	4
32144–11	Screw – Hex. Flange Hd.	54	9	2
32144–11	Screw – Hex. Flange Hd.	8	28	4
32144–11	Screw – Hex. Washer Hd.	24	8	2
32144–11	Screw – Hex. Washer Hd.	25	8	5
32144–11	Screw – Hex. Washer Hd.	1	12	17
32144–11	Screw – Hex. Washer Hd.	12	31	3
32144–11	Screw – Hex. Washer Hd.	9	32	6
32144–11	Screw – Hex. Washer Hd.	32	39	2
32144–11	Screw – Hex. Washer Hd.	18	40	2
32144–11	Screw – Hex. Washer Hd.	57	50	2
32144–18	Screw – Hex. Washer Hd.	20	41	2
32144–26	Screw – Hex. Washer Hd.	27	11	2
32144–41	Screw – Hex. Washer Hd.	83	15	12
32144–57	Screw – Hex. Washer Hd.	9	48	2
32144–70	Screw – Hex. Flange Hd.	80	10	1
32144–70	Screw	73	15	2
32144–70	Screw – Hex. Flange Hd.	81	12	3
32148–10	Insert – Threaded	32	6	3
32148–10	Insert – Threaded	52	7	4
32148–10	Insert – Threaded	72	29	1
32148–10	Insert – Threaded	78	30	1
32148–10	Insert – Threaded	2	35	10
32148–10	Insert – Threaded	20	38	3
32148–10	Insert – Threaded	84	58	1
32151–10	Ring – Retaining	54	19	2
32151–62	Ring – Retaining	3	40	1
32151–72	Retainer – Push–On	52	20	2
32151–72	Retainer – Push–On	17	24	2
32151–72	Ring – Retaining	1	32	2
32151–73	Ring – Clip	27	2	1
32151–76	Ring – Retaining	6	15	2
32151–96	Ring – Retaining	57	30	2
32151–104	Ring – Retaining	57	9	2
32151–104	Ring – Retaining	54	36	1
32152–1	Nut – Lock	8	45	3
32152–5	Nut – Lock	55	47	2
32153–2	Nut – Lock	13	13	1
33004–00	Nut – Hex. Flange	34	16	2
33023–00	Nut – Lock, Nylon Insert	33	43	1
33093–00	Washer – Flat	33	42	1
33104–016	Screw – Hex. Hd. Flange	33	29	2
33104–020	Screw – Hex. Hd. Flange	34	19	2
33105–020	Screw – Hex. Hd. Flange	33	24	1
340–2	Adapter – Straight	85	12	2
340–2	Fitting – Adapter	18	25	1
340–4	Fitting – Hydraulic	31	28	1
340–6	Fitting – Adapter	24	31	1
340–7	Fitting – Hydraulic	31	31	2
340–8	Fitting – Adapter	24	14	1
340–17	Fitting – Hydraulic 90˚	31	3	2
340–17	Fitting – Hydraulic 90˚	24	39	
340–18	Fitting – Hydraulic 90˚	31	37	2
340–55	Fitting – Hydraulic 45˚	31	23	1
340–70	Nut – Bulkhead	57	5	3
340–70	Nut – Bulkhead	54	6	2
340–70	Nut – Bulkhead	10	53	3
340–70	Nut – Lock, Bulkhead	85	1	6
340–71	Union – Bulkhead	10	54	1
340–72	Fitting – Hydraulic 90˚	52	25	2
340–74	Nut – Bulkhead	57	13	1
340–74	Nut – Bulkhead	52	30	2
340–77	Elbow – Hydraulic 90˚	85	16	2
340–77	Fitting – Hydraulic	57	35	1
340–86	Fitting – Hydraulic, Tee	85	15	2
340–87	Fitting – Hydraulic	85	9	3
340–97	Fitting – Hydraulic 90˚	54	44	2
340–97	Fitting – Hydraulic 90˚	57	48	2
340–99	Fitting – Hydraulic 90˚	18	35	1
340–101	Fitting – Hydraulic	3	25	1
340–109	Fitting – Tee	24	42	1
340–125	Fitting – Hydraulic Tee	67	14	1
340–132	Fitting – Hydraulic 90˚	67	13	2
340–138	Fitting – Hydraulic	9	4	3
340–139	Fitting – Hydraulic	24	22	1
340–139	Fitting – Hydraulic 90˚	57	24	1
340–140	Fitting – Hydraulic, Tee	67	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˚	31	13	2
340–156	O–Ring	57	21	1
340–157	Fitting – Tee	31	27	1
340–159	Fitting – Hydraulic	9	50	3
340–159	Fitting – Hydraulic 90˚	31	40	2
340–165	Fitting – Hydraulic	31	30	1
340–166	Fitting	85	19	1
340–167	Fitting – Hydraulic	3	32	2
351–78	Edging – Seat	13	6	1
351–80	Clip – Edging	13	8	1
353–508	Plug	57	43	1
353–508	Plug Assembly	19	6	3
353–550	Plug (2wd Only)	24	40	1
353–551	Plug	24	9	2
353–551	Plug Assembly	30	22	3
353–947	Cap – Fitting	31	1	2
353–947	Cap – Fitting	24	19	1
353–947	Cap – Fitting	18	29	1
353–947	Cap – Fitting	3	36	2
354–77	Fitting – Test Port	18	30	1
354–77	Fitting – Test Port	31	32	2
354–78	Connector – Hose	31	35	1
354–87	Fitting – Hydraulic 90˚	24	21	1
354–94	Fitting – Barb	20	16	1
354–95	Fitting – Barb	20	14	1
354–103	Male Hose Barb	24	45	1

*Not Illustrated

TABLE OF CONTENTS

Description	Page
Frame & Body Assembly	1−2
Front Transaxle Installation Assembly	3
Transaxle No. 88−1260	4
Hydraulic Motor No. 92−2556	5
Front Axle Assembly	6
Brake Linkage Assembly	7
Traction & Brake Pedals Assembly	8
Steering Tower Assembly	9−10
Power Steering Valve No. 92−9729	11
Seat Plate Assembly	12
Seat Assembly	13
Low Seat Assembly (Optional)	14
Electrical Schematic	15
Control Console Assembly	16
Gage Panel Assembly	17
Lift Valve Installation Assembly	18
Lift Valve No. 92−7762	19
Fuel Tank Assembly	20
Fuel Filter Assembly	21
Hydraulic Schematic Model No. 30450	22
Hydraulic Schematic Model No. 30455	23
Hydraulic Reservoir Assembly	24
PTO & Clutch Assembly	25
Clutch Assembly No. 86−5610	26
Hydraulic Pump Installation Assembly	27−28
Gear Pump Assembly No. 92−7781	29
Traction Pump Assembly No. 86−5590	30
Hydraulic Pump Fittings Assembly	31
Engine & Battery Installation Assembly	32
Engine Plumbing Assembly	33
Muffler & Air Cleaner Installation Assembly	34
Crankcase Assembly	35
Crankshaft Assembly	36
Cylinder Head Assembly	37−39
Camshaft & Fan Support Assembly	40
Timing Cover	41
Intake & Exhaust Manifold Assembly	42
Oil Pump Assembly	43
Collector Assembly	44
Water Pump Assembly	45
Fuel Injection Pump Assembly	46
Fuel Injector Assembly	47
Alternator Assembly	48
Starter Assembly	49
Glow Plug & Glow Relay	50
Air Cleaner No. 93−7485	51
Radiator Assembly	52
Additional Weight Assembly	53
Rear Axle Assembly (Model No. 30450)	54−55
Hydraulic Cylinder No. 92−6585 (Model No. 30450)	56
Rear Axle Assembly (Model No. 30455)	57−58
Solenoid Valve Assembly No. 76−9970 (Model No. 30455)	59
Hydraulic Cylinder No. 92−6584 (Model No. 30455)	60
Hydraulic Motor No. 76−6580 (Model No. 30455)	61
Sleeve Assembly Axle No. 74−5621 (Model No. 30455)	62
Axle Housing Assembly Axle No. 74−5621 (Model No. 30455)	63
Differential & Shaft Assembly Axle No. 74−5621 (Model No. 30455)	64
Steering Gear Case Assembly Axle No. 74−5621 (Model No. 30455)	65
Steering Arm Linkage Axle No. 74−5621 (Model No. 30455)	66
Lift Arm Assembly	67
Hydraulic Cylinder No. 86−5580	68
R.O.P.S. Assembly	69
Belt Tension Adjustor	70
Rear Pivot Arm Assembly	71
Wing Deck Assembly R.H.	72
Cover Assembly	73
Spindle Assembly (Wings)	74
Spindle Assembly (Center)	75
Spindle Assembly (Clutch)	76
Clutch Assemby No. 86−1710	77
Wing Deck Assembly L.H.	78
Front Castor Fork Assembly	79
Center Deck Pulley Assemblies	80
Gear Box, Mount & Drive Shaft Assembly	81
Pivot Arm Assembly	82
Center Deck & Carrier Frame Assembly	83−84
Hydraulic Hose Assembly	85
Hydraulic Cylinder No. 86−2190	86
Gear Box Assembly No. 86−3090	87
Drive Shaft Assembly No. 86−1730	88
TORO Part Number Index	89−103

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.