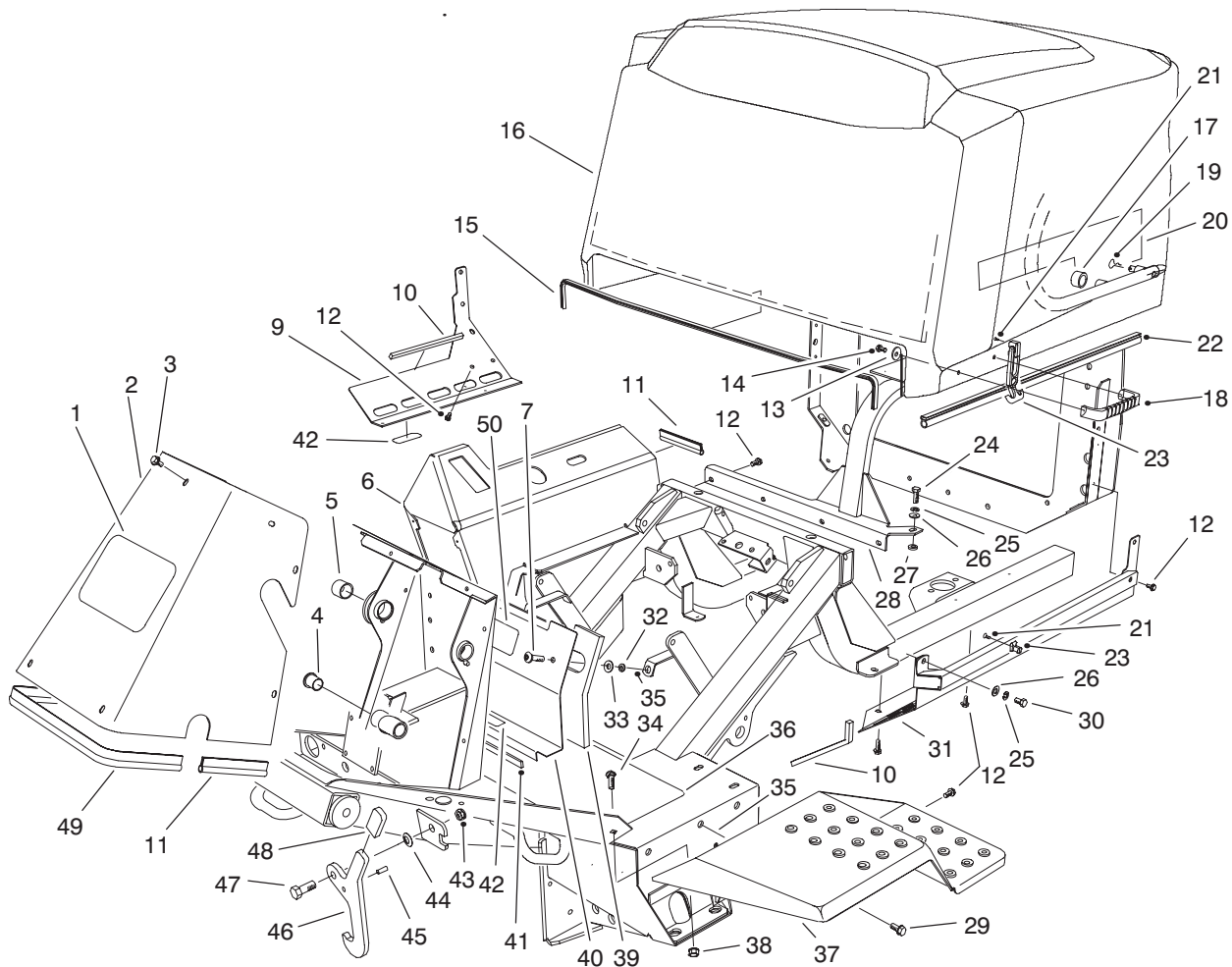




MODEL NO. 30450-60001 THRU 60299  
 MODEL NO. 30455-60001 THRU 60299  
 MODEL NO. 30401-60001 THRU 60299

**PARTS  
 CATALOG**

**GROUNDMASTER 455D  
 TRACTION UNIT WITH CUTTING DECK**

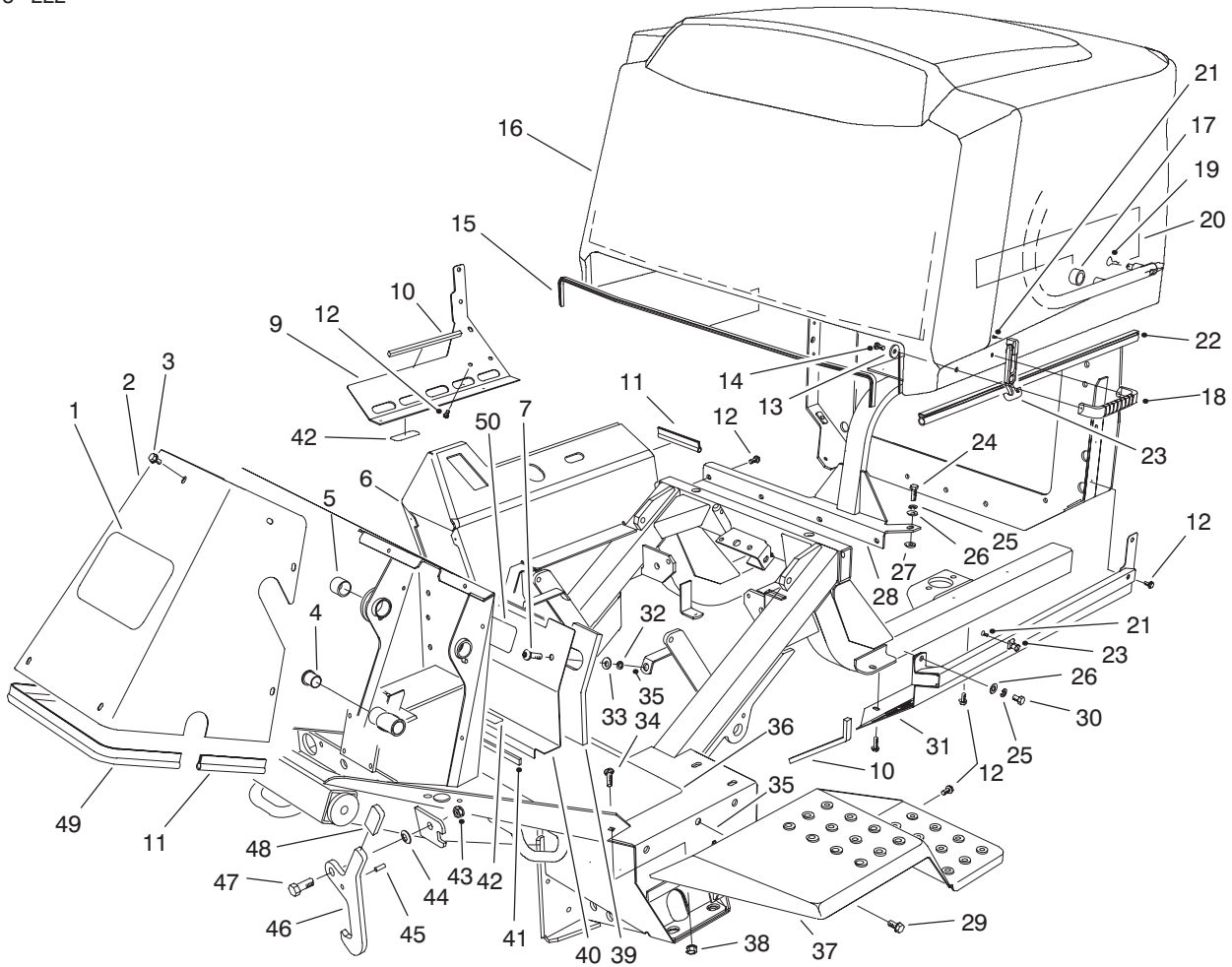


T-1512A

**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

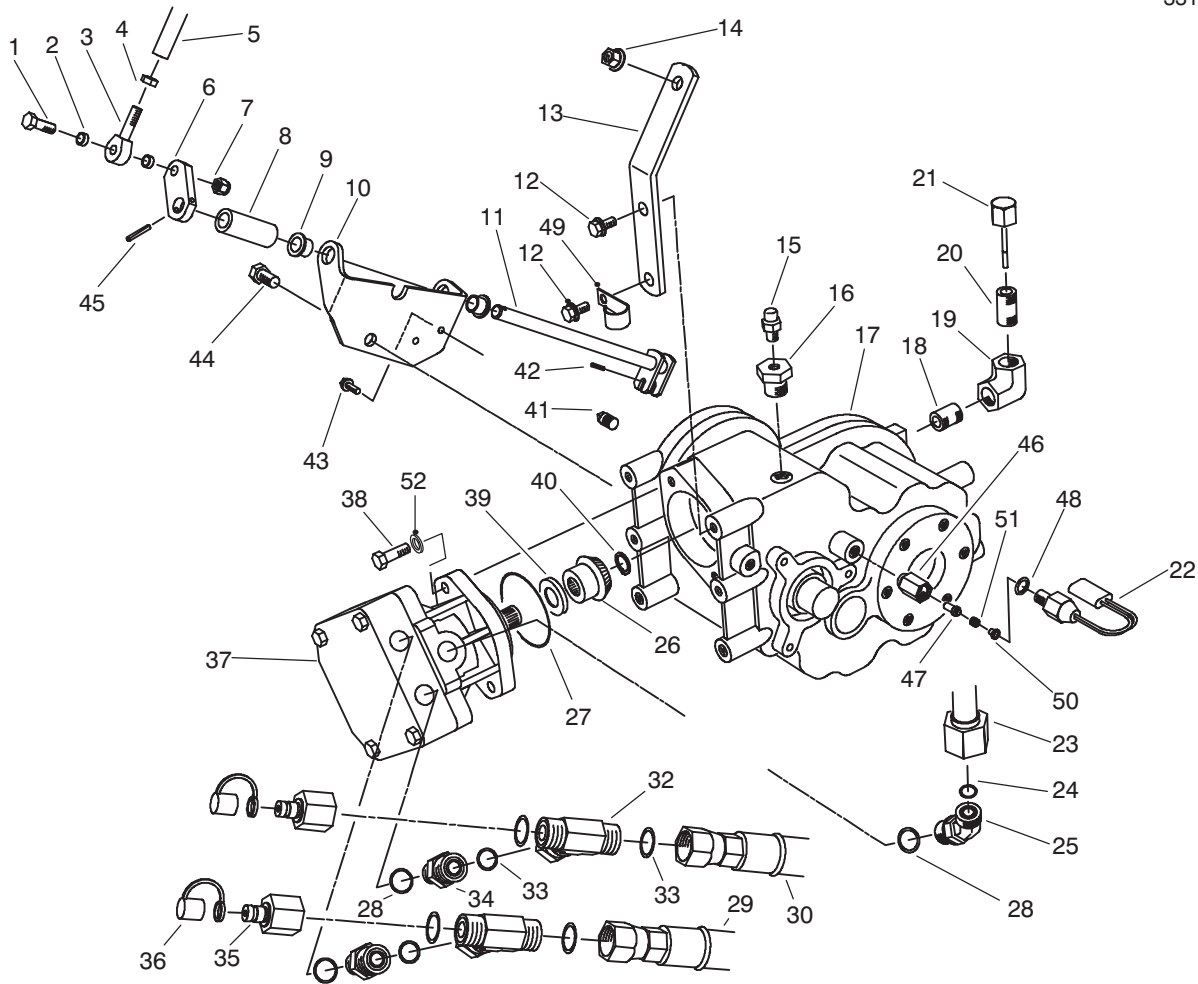


T-1512A

## FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
34	3231-22	Bolt - Carriage	2	43	3296-25	Nut - Lock	2
35	32148-10	Insert - Threaded	10	44	3290-483	Washer - Belleville	2
36	3234-12	Screw - Hex. Washer Hd.	7	45	32121-11	Pin - Roll	2
37	76-9300	Fender L.H.	1	46	84-1490	Latch - Lockup	2
*	76-9340	Fender R.H.	1	47	325-5	Screw - Cap Hex. Hd.	2
38	3290-357	Nut - Flange	2	48	48-7081	Sleeve	2
39	88-1310	Foam - Cover	1	49	76-6361	Strip - Seal	1
40	88-1300	Cover - Seat Front	1	50	93-9426	Decal - Danger	1
41	76-6380	Strip - Seal Access Panel	1				
42	70-2560	Decal - Oil	1				
		(Model No. 30450)	1				
		(Model No. 30455)	2				

\*Not Illustrated

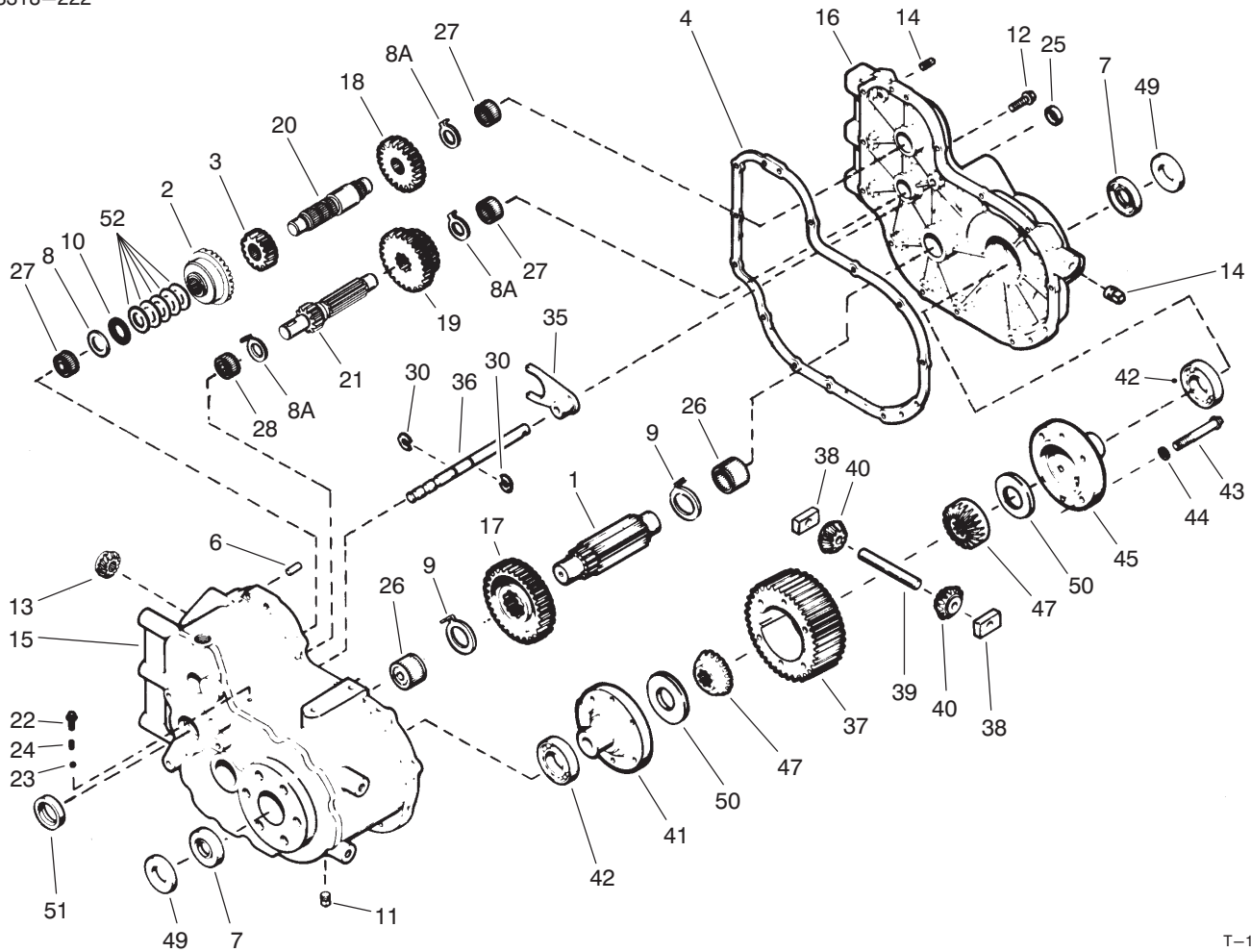


T-1506A

## FRONT TRANSAXLE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-9	Screw - Cap Hex. Hd.	1	28	237-79	O-Ring	3
2	76-9100	Spacer	2	29	92-5830	Assy. - Hose, Traction L.H.	1
3	2411-36	Rod - End	1	30	92-5841	Hose, Traction R.H. (2WD)	1
4	3220-3	Nut - Jam	1	*	92-7765	Assy. - Tube (4WD)	1
5	84-0690	Rod - Shift	1	32	340-167	Fitting - Hydraulic	2
6	77-4260	Link - Shift	1	33	237-65	O-Ring	6
7	3296-59	Nut - Lock	1	34	340-155	Fitting - Hydraulic	2
8	86-5420	Spacer - Rod, Shift	1	35	86-5860	Nipple	2
9	3-1506	Bushing - Flange	2	36	353-947	Cap - Fitting	2
10	84-1610	Support - Rod, Shift	1	37	92-2556	Motor - Fixed Displacement	1
11	84-0700	Rod W.A. - Shift	1	38	323-7	Screw - Cap Hex. Hd.	2
12	3234-12	Screw - Hex. Flange Hd.	2	39	82-5380	Shim - Pinion .045	1
13	84-1600	Bracket - Support, Trans.	1	*	82-5390	Shim - Pinion .038	1
14	3290-357	Nut - Flange Head	1	*	82-5400	Shim - Pinion .052	1
15	302-14	Plug - Vent	1	40	32151-62	Ring - Retaining	1
16	2812-11	Bushing - Reducer	1	41	76-6040	Plug - Pipe (Supplied with transaxle)	1
17	88-1260	Transaxle - 2 Speed (Incl. Ref. No.26 & 41)	1	42	32121-24	Pin - Roll	1
18	289-50	Nipple - Pipe	1	43	3234-4	Screw - Cap Hex. Hd.	2
19	2813-14	Elbow - Pipe 90°	1	44	325-2	Screw - Cap Hex. Hd.	1
20	289-44	Nipple - Pipe	1	45	32121-6	Pin - Roll	1
21	27-3710	Dipstick	1	46	92-1364	Guide - Switch, Pin	1
22	72-4320	Switch - Ball	1	47	92-1365	Plunger - Switch	1
23	86-5750	Assy. - Tube, Drain	1	48	237-30	O-Ring	1
24	237-30	O-Ring	1	49	2412-150	Clip - J	1
25	340-101	Fitting - Hydraulic	1	50	43-8610	Guide - Spring & Ball	1
26		Pinion - Spiral	1	51	92-1366	Spring - Compression	1
27	237-167	O-Ring	1	52	3256-24	Washer - Flat	2

\*Not Illustrated



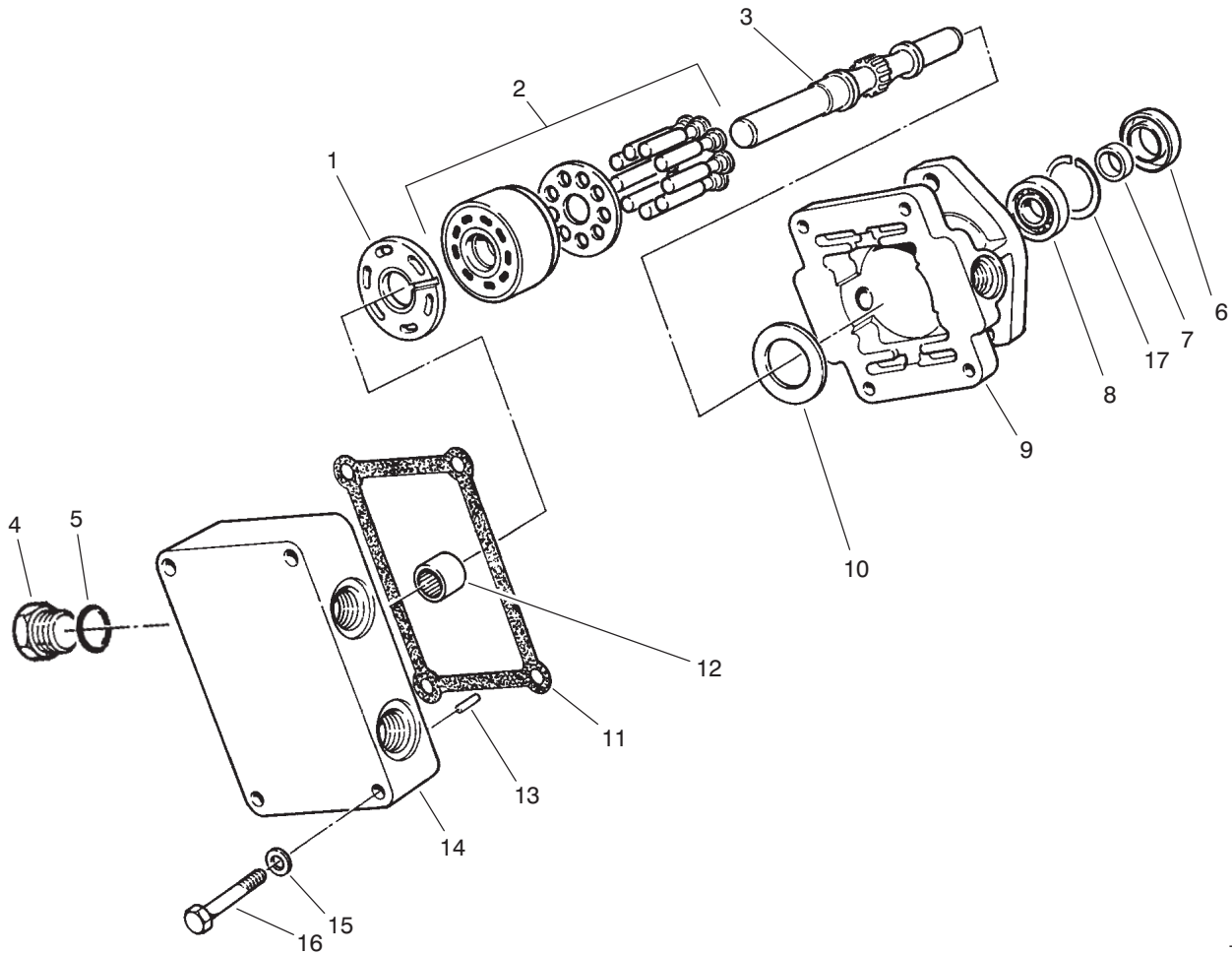
T-1008

## 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

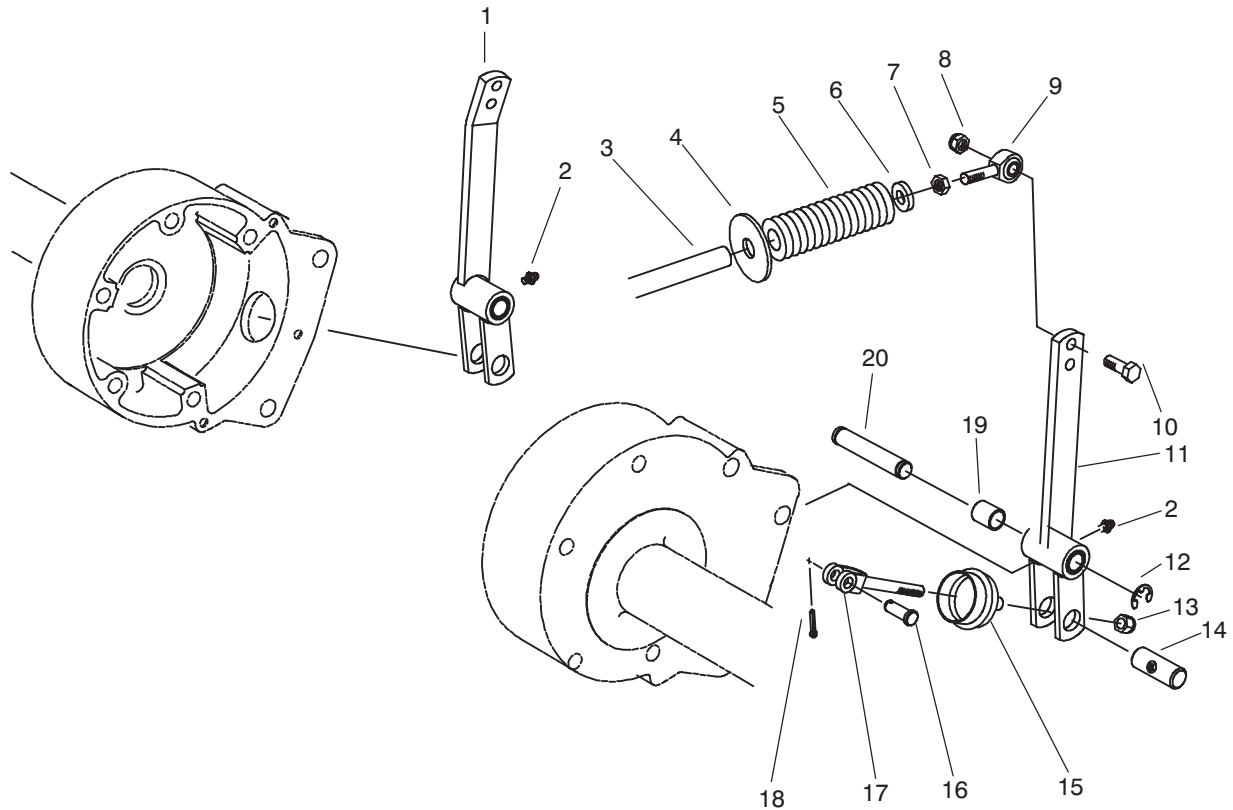


T-1507A

## 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

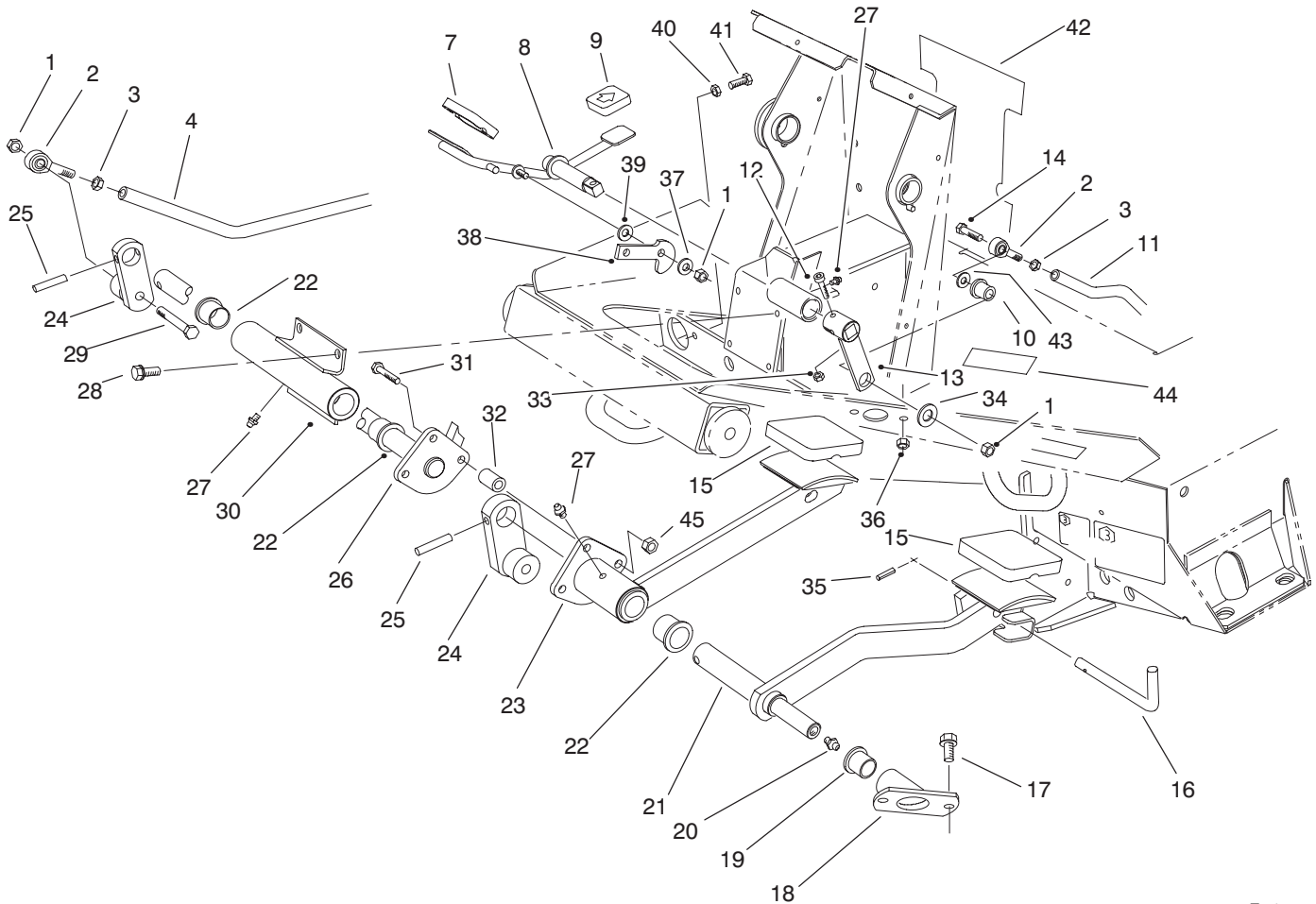
Ref. No.	Part No.	Description	No. Used
17	86-5900	Tire	2
18	217-124	Rim	2
19	232-27	Stem - Valve	2
20	23-7270	Nut - Wheel	10
21	242-34	Stud - Axle	10
22	92-9706	Spacer - Axle Shaft	2
23	92-9712	Seal - V-Ring	2
24	84-1590	U-Bolt	2
25	325-15	Screw - Cap Hex. Hd.	10
26	86-5430	Plate - Skid	1
27	325-4	Screw - 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	Ref. No.	Part No.	Description	No. Used
1	84-0940	Assy. - Brake Linkage Arm R.H. (Incl. Ref. #2 & 19)	1	11	84-0970	Assy. - Brake Linkage Arm L.H. (Incl. Ref. #2 & 19)	1
2	302-5	Fitting - Grease	2	12	32120-19	Ring - Retaining, Ext.	4
3	76-9690	Rod - Brake	2	13	3296-39	Nut - Lock	2
4	86-5840	Plate - Spring	2	14	76-8270	Pin - Brake	2
5	86-5830	Spring - Compression	2	15	76-4180	Boot - Brake Rod	2
6	66-6480	Washer	2	16	283-2	Pin - Clevis	2
7	3220-3	Nut - Jam	2	17	76-6610	Clevis - Brake	2
8	3296-59	Nut - Lock	2	18	3272-6	Pin - Cotter	2
9	2411-36	Rod End	2	19	5-2512	Bushing - Sleeve	2
10	323-7	Screw - Cap Hex.. Hd.	2	20	84-0990	Pin - Pivot	2

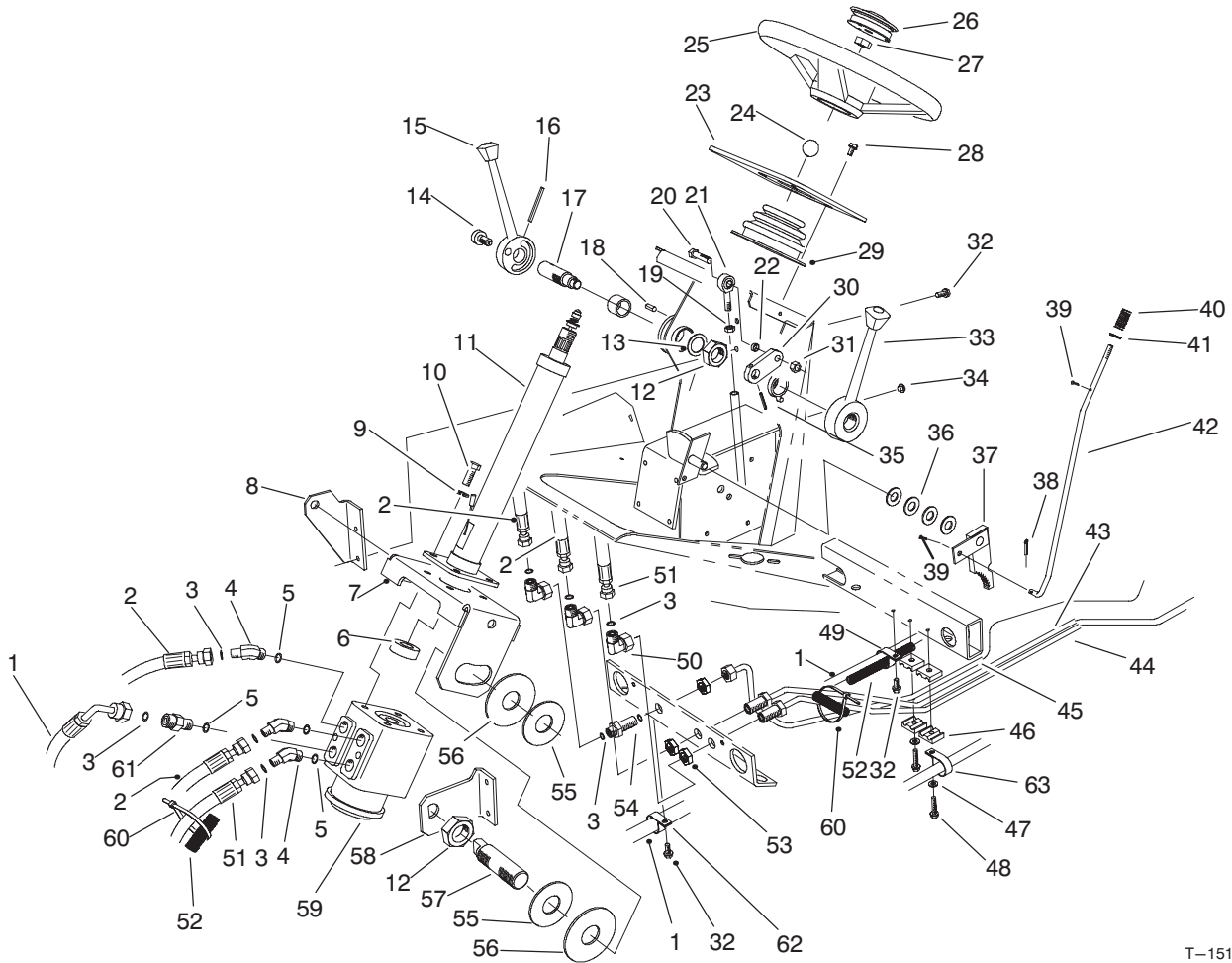


T-1777

## 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

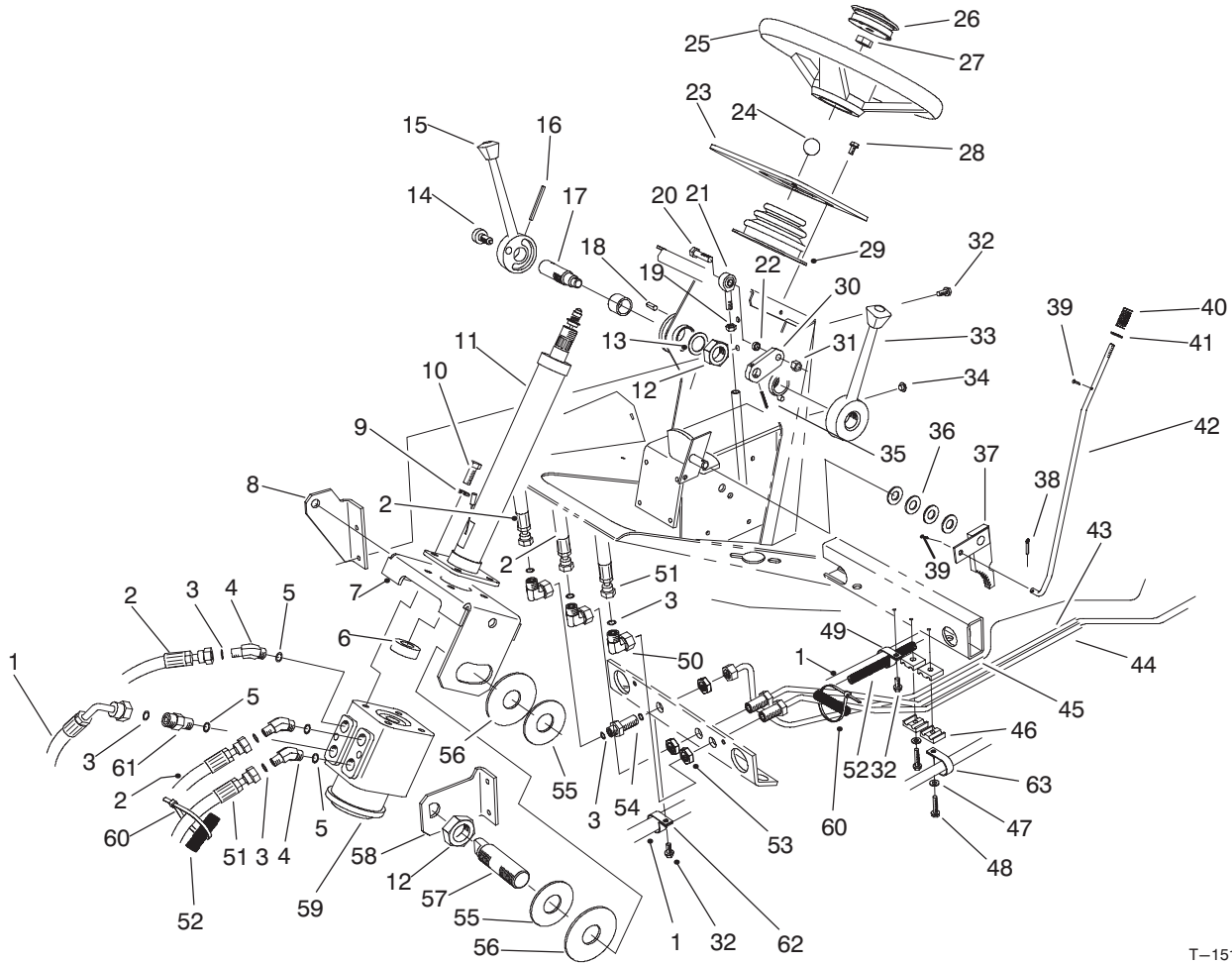
Ref. No.	Part No.	Description	No. Used
24	92-2586	Arm - Brake Linkage	2
25	32121-25	Pin - Roll	2
26	92-5806	Shaft - Brake	1
27	302-5	Fitting - Grease	3
28	32144-11	Screw - Hex. Flange Hd.	4
29	323-12	Screw - Cap Hex. Hd.	2
30	76-9030	Bearing Housing Assembly (Incl. Ref. #22 & 27)	1
31	322-21	Screw - 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



T-1516B

## STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	86-5570	Assembly - Hose	1	27	47-6990	Nut	1
2	86-3220	Assembly - Hose	2	28	32144-4	Screw - Hex. Washer Hd.	4
3	237-22	O-Ring	10	29	76-9450	Boot - Column, Steering	1
4	340-138	Fitting - Hydraulic	3	30	84-0680	Link - Shift	1
5	237-79	O-Ring	4	31	3296-59	Nut - Lock	1
6	21-9260	Cover - Dust	1	32	32144-11	Screw - Hex. Washer Hd.	6
7	76-8140	Bracket W.A. - Steering	1	33	69-1560	Lever - Lock	1
8	76-8160	Support - Steering	1	34	2410-64	Plug - Dome	2
9	3253-21	Washer - Lock	4	35	32121-6	Pin - Roll	1
10	323-6	Screw - Cap Hex. Hd.	4	36	3256-26	Washer - Flat	4
11	74-3670	Assy. - Column, Steering	1	37	63-7900	Rack - Brake	1
12	3296-49	Nut - Lock	2	38	3272-10	Pin - Cotter	1
13	10-8110	Washer - Thrust	1	39	3272-5	Pin - Cotter	2
14	82-4950	Plunger - Spring	1	40	3-3251	Spring	1
15	74-5770	Lever - Shift	1	41	3256-22	Washer - Flat	1
16	32121-10	Pin - Roll	1	42	76-9050	Rod - Brake, Parking	1
17	74-5790	Shaft - Pivot	1	43	86-5730	Assy. - Tube, R.H. Front	1
18	32121-123	Pin - Roll	2	44	86-5740	Assy. - Tube, L.H. Front	1
19	3220-3	Nut - Jam	1	45	86-5720	Assy. - Tube, Steering	1
20	323-8	Screw - Cap Hex. Hd.	1	46	56-7973	Clamp - Tube	4
21	2411-36	Rod End	1	47	3256-23	Washer - Flat	2
22	76-9100	Spacer	1	48	32144-57	Screw - Hex. Washer Hd.	2
23	93-9415	Panel - Tower	1	49	2412-74	Clamp - R	1
24	233-17	Knob	1	50	340-159	Fitting - Hydraulic	3
25	68-8080	Wheel - Steering	1	51	86-3210	Assembly - Hose	1
26	72-0130	Kit - Horn	1	52	86-5470	Harness - Wire	1

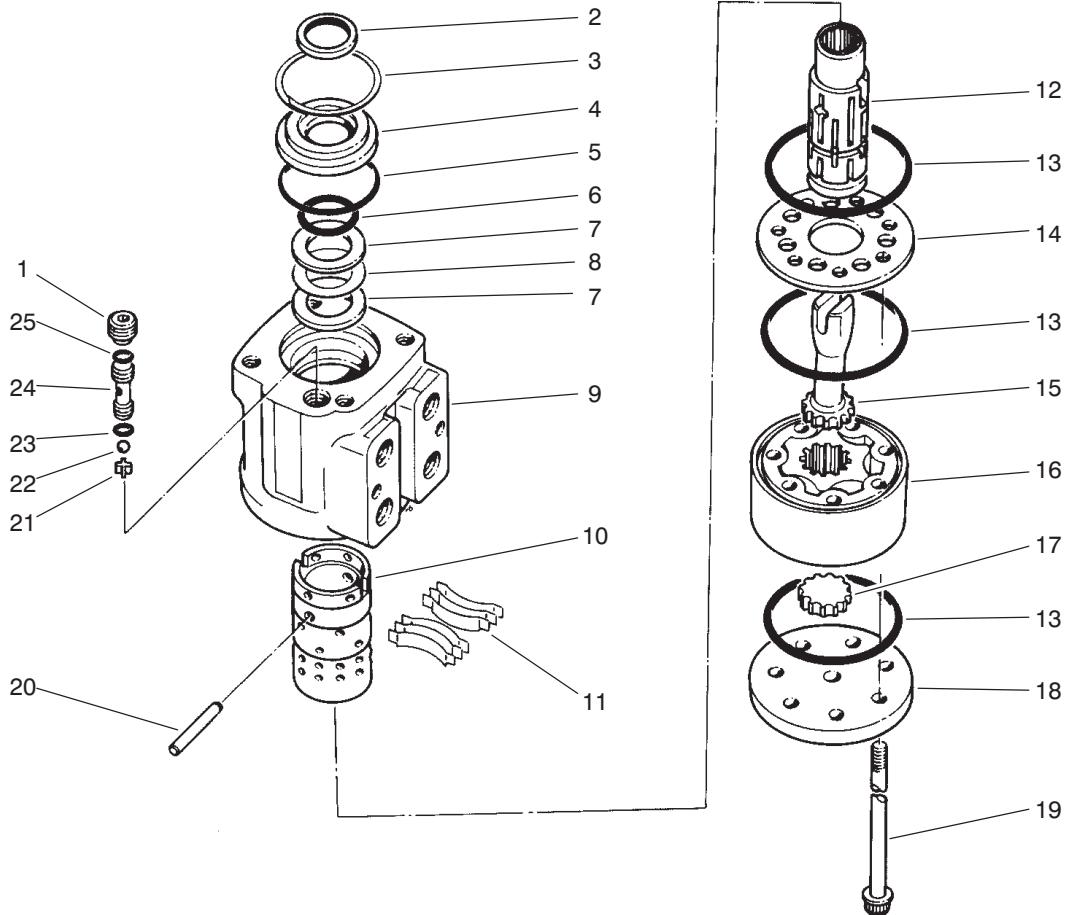


T-1516B

## 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

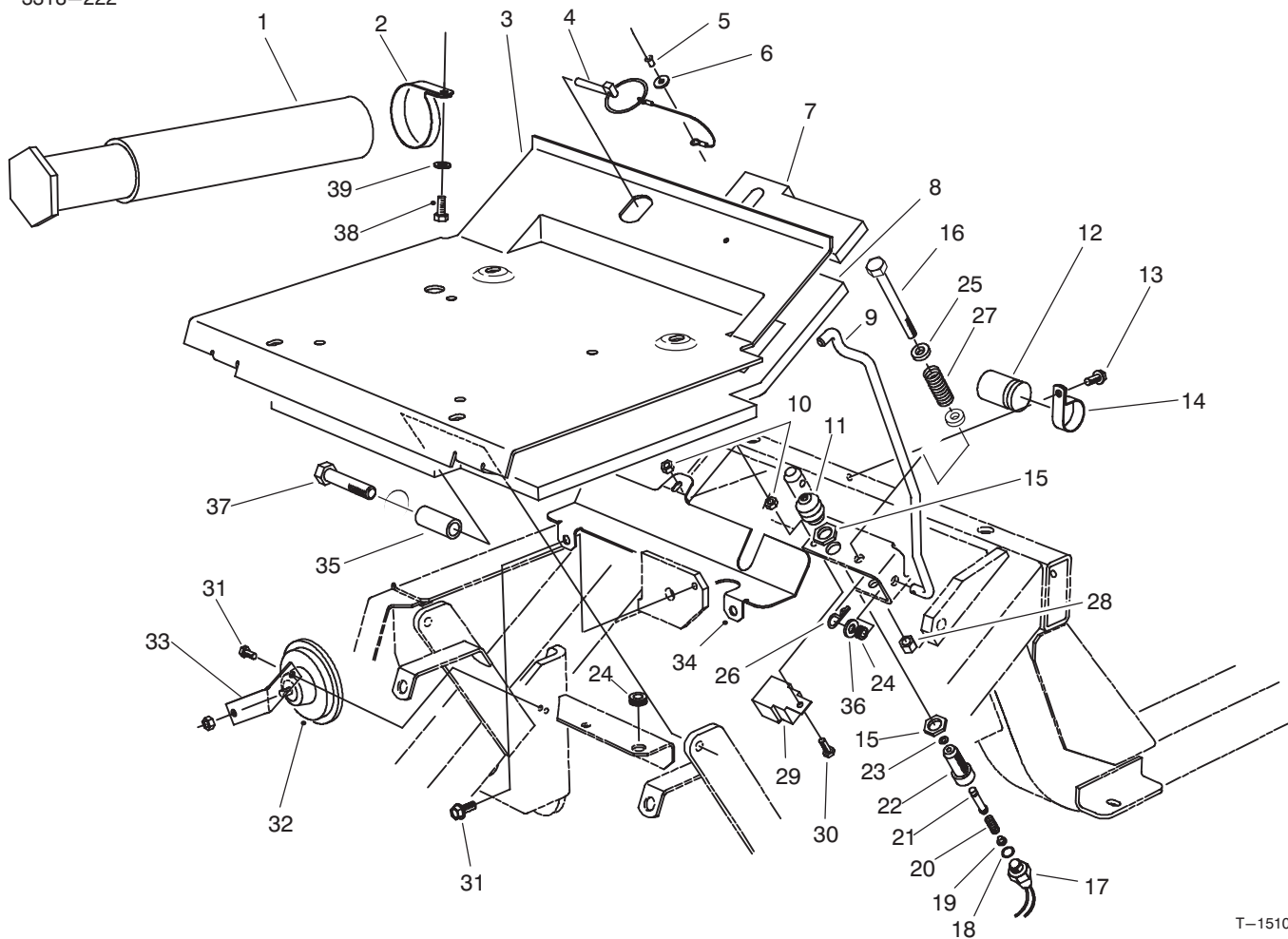
## POWER STEERING VALVE NO. 92-9729

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



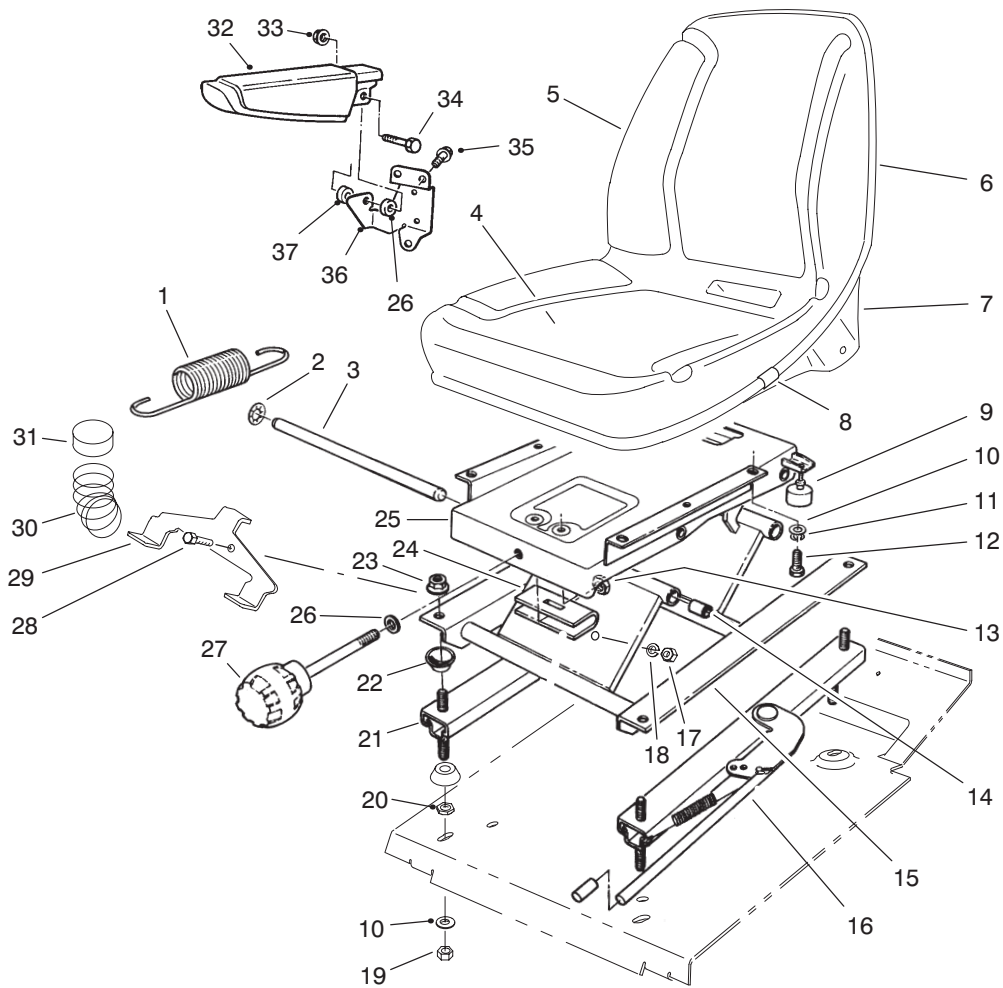
T-1510A

## 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

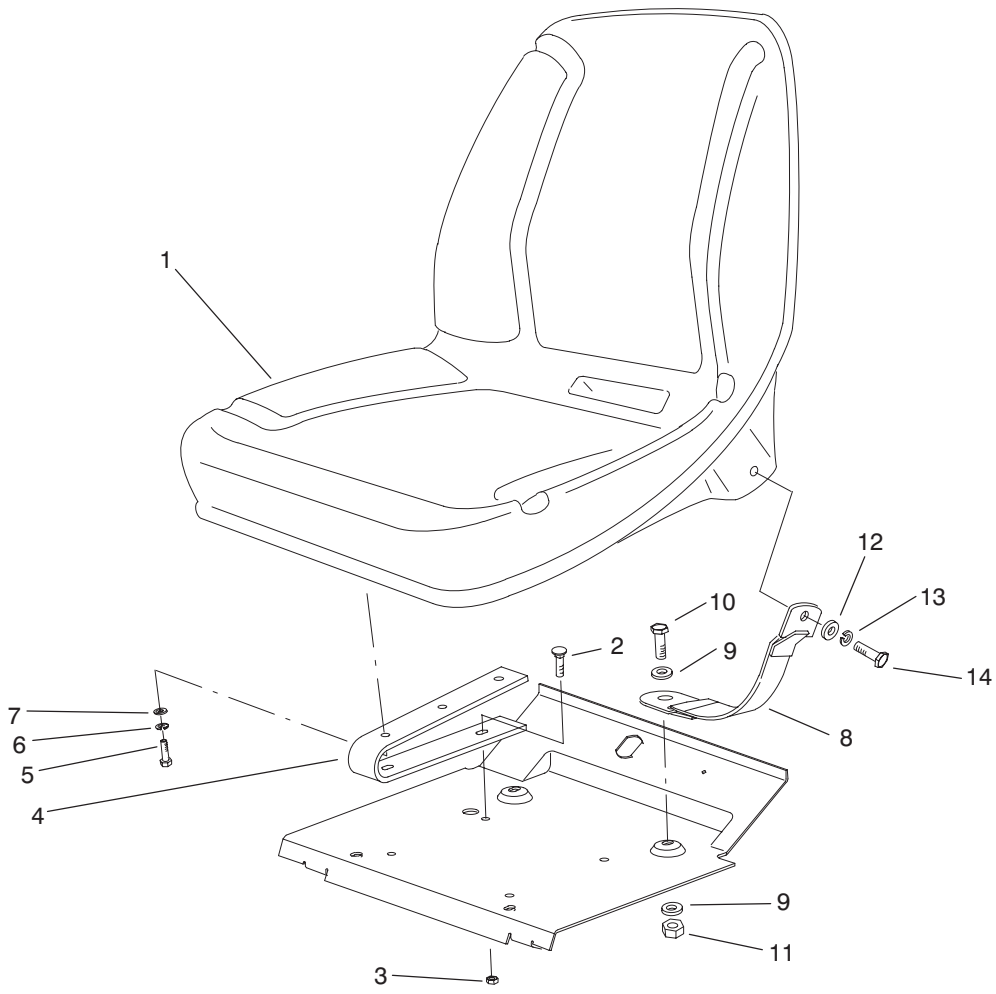


T-2244

## SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-1940	Spring - Extension	2	19	3296-29	Nut - Lock	4
2	66-8560	Nut - Push	4	20	3218-2	Nut - Jam	4
3	76-1910	Shaft - Pivot	2	21	66-8530	Adjuster	1
4	92-6533	Seat Cushion Assembly (Incl. Ref. #8)	1	22	66-9290	Spacer - Suspension	8
5	92-1180	Seat Assembly (Incl. Ref. #4 & 6-8)	1	23	32128-25	Nut - Flange Lock	4
6	351-78	Edging - Seat	1	24	77-2870	Hanger - Spring	1
7	92-6534	Shell - Seat	1	25	66-8600	Frame - Upper	1
8	351-80	Clip - Edging	1	26	3256-24	Washer - Flat	3
9	76-2940	Bumper	2	27	76-1930	Knob - Adjustment	1
10	3256-2	Washer - Flat	8	28	322-6	Screw - Cap Hex. Hd.	1
11	3253-4	Washer - Lock	4	29	93-3165	Bracket - Spring	1
12	322-3	Screw - Cap Hex. Hd.	4	30	93-3163	Spring - Compression	2
13	32153-2	Nut - Lock	1	31	93-3164	Cup - Spring	2
14	76-1920	Bearing - Sleeve	4	32	69-1180	Armrest	2
15	66-8610	Frame - Lower	1	33	32128-19	Nut - Flange Lock	2
16	66-8510	Adjuster & Handle	1	34	323-9	Screw - Cap Hex. Hd.	2
17	3217-6	Nut - Hex.	1	35	3234-14	Screw - Hex. Flange Hd.	6
18	3253-33	Washer - Lock	1	36	69-0770	Bracket - Armrest R.H.	1
				*	69-0760	Bracket - Armrest L.H.	1
				37	92-7301	Spacer	2

\*Not Illustrated

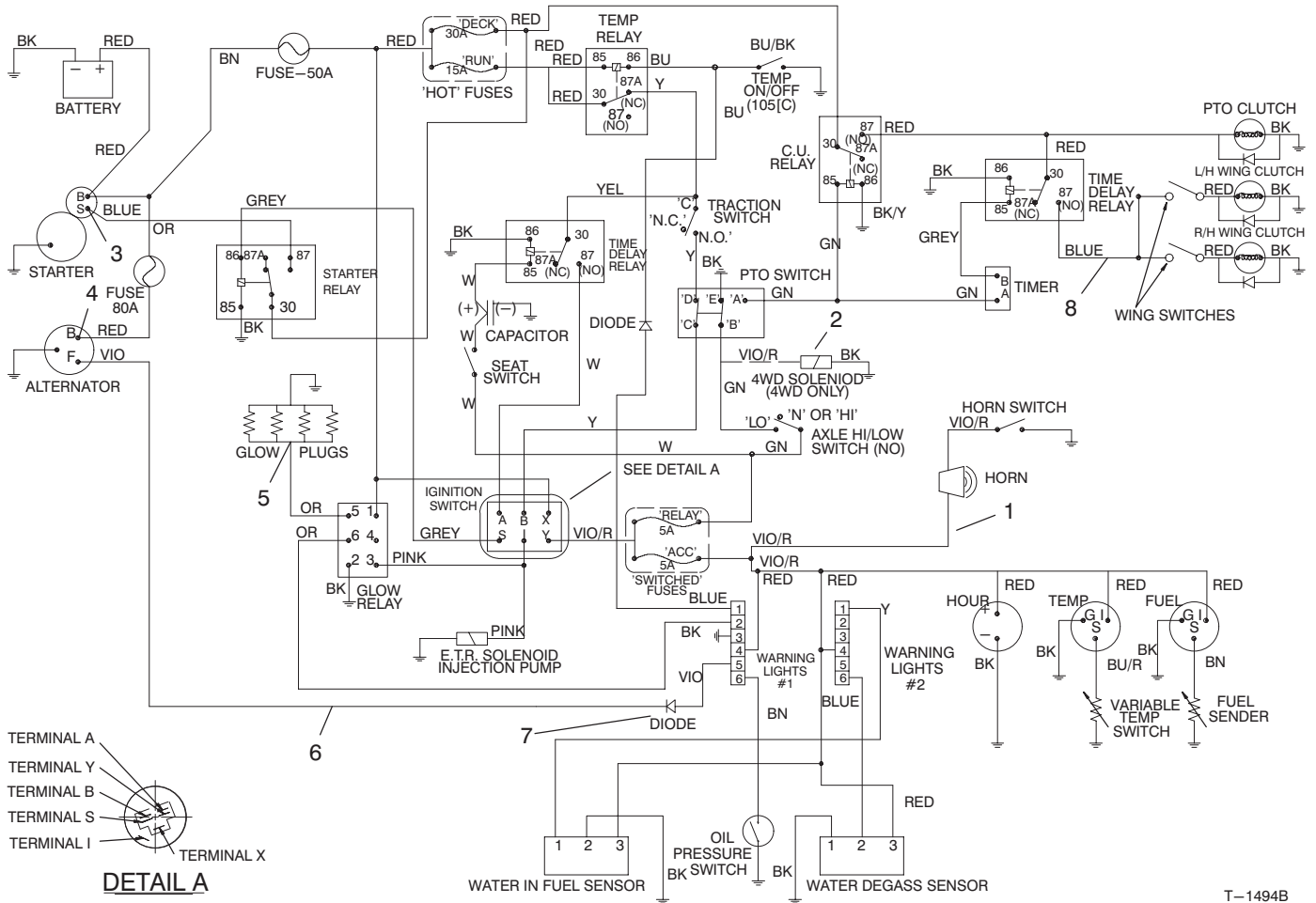


T-2245

## 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

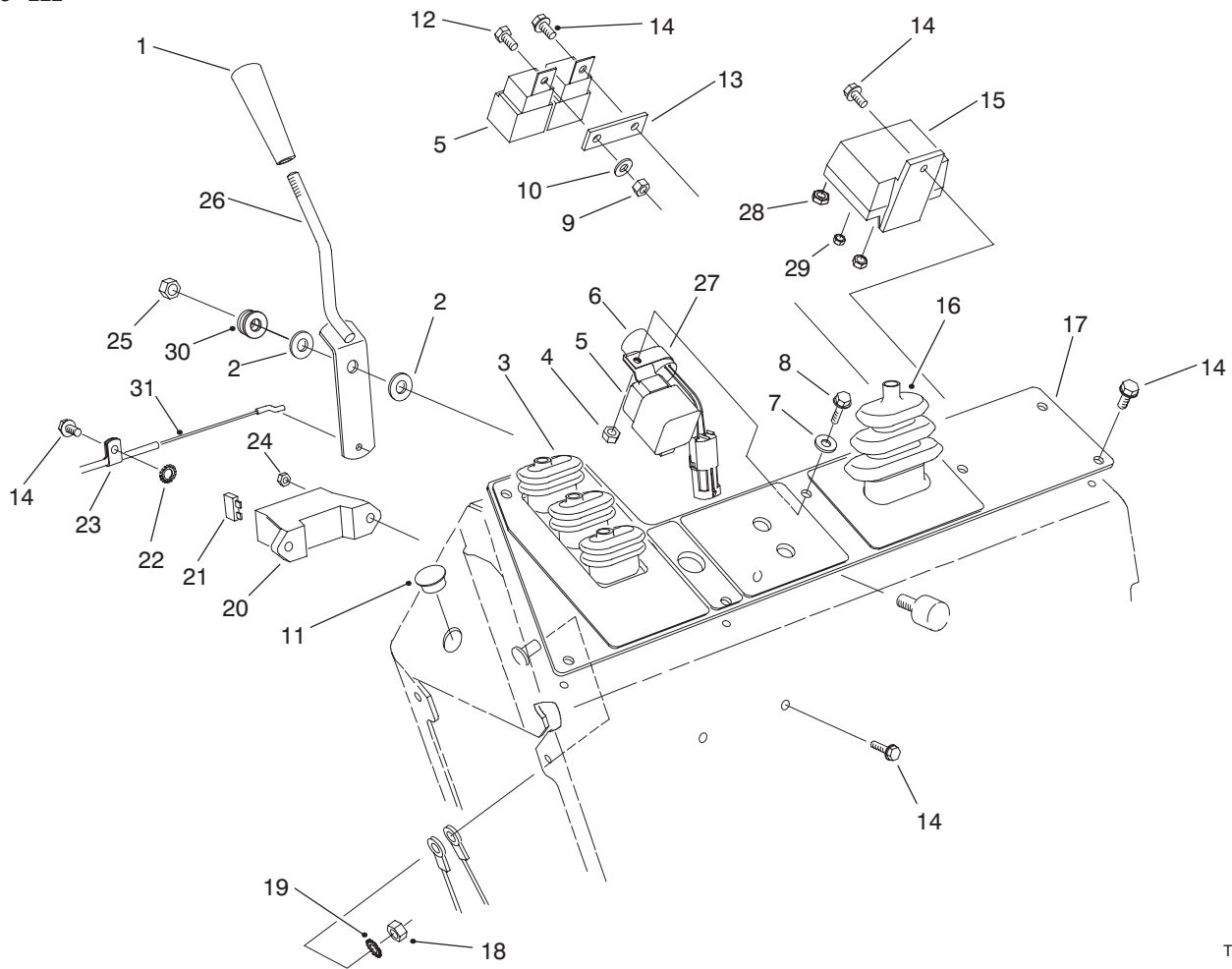


# ELECTRICAL SCHEMATIC

T-1494B

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

Ref. No.	Part No.	Description	No. Used
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



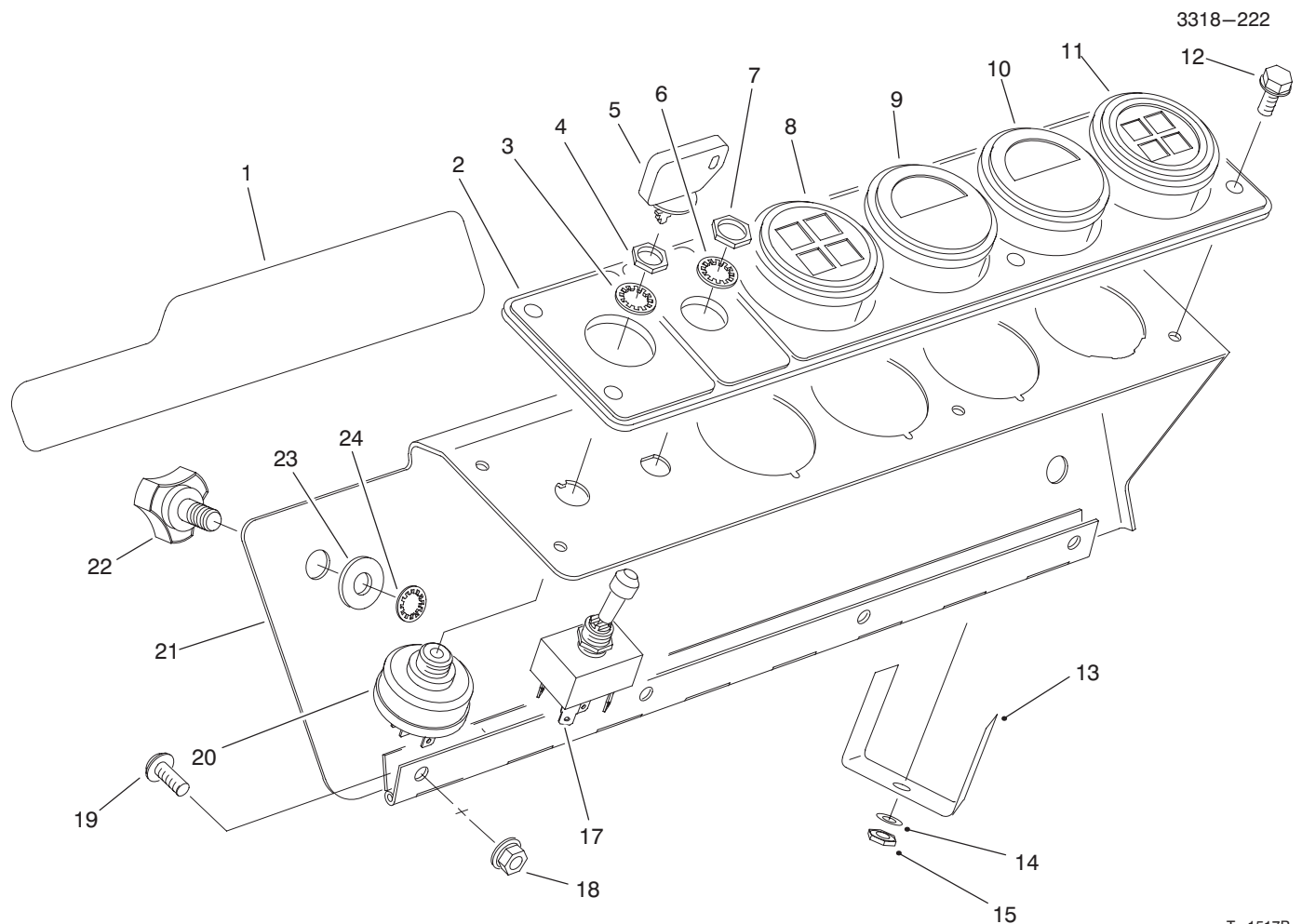
T-1492C

## 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

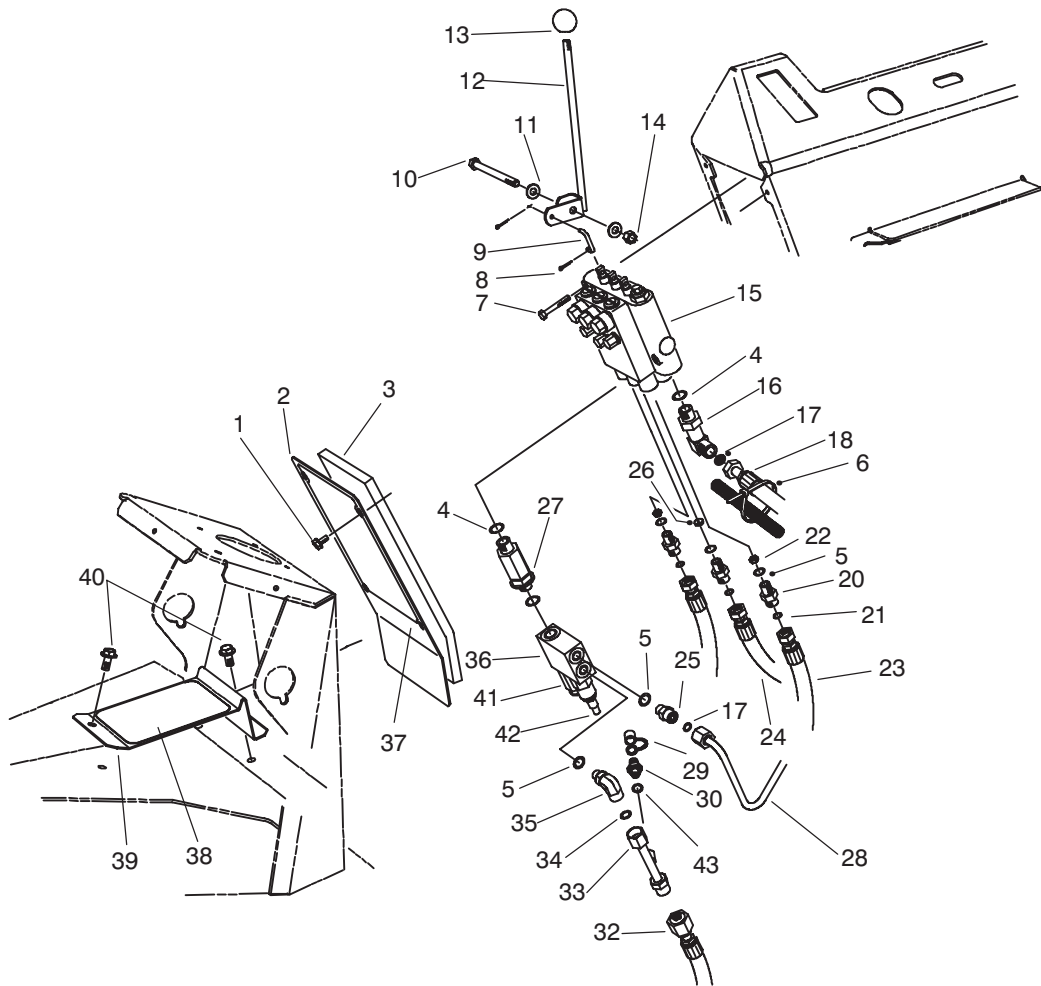


T-1517B

## GAGE PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-6564	Decal - 4 Matic (Model 30455 Only)	1	13		Clamp	2
2	84-1450	Panel - Gauge	1	14	3254-1	Washer - Lock	2
3	218-446	Washer - Lock	1	15	3217-26	Nut	2
4	218-447	Nut - Hex.	1	*16	219-17	Bulb	4
5	63-8360	Key - Ignition	1	17	85-4980	Switch - Toggle (Incl. Ref. #6-7)	1
6	3254-20	Washer - Lock, Int. Tooth	1	18	32128-33	Nut - Flange Lock	4
7	3218-19	Nut - Hex.	2	19	3274-68	Screw - Socket Button Hd.	4
8	93-7483	Light - Warning Bank (Incl. Ref. #13-16 & 25)	1	20	27-2360	Switch - Ignition (Incl. Ref. #3-4)	1
9	76-9060	Gauge - Temperature	1	21	82-3750	Cover - Console	1
10	66-2940	Gauge - Fuel	1	22	77-3620	Retainer - Cover	2
11	93-7484	Light - Warning Bank (Incl. Ref. #13-16 & 25)	1	23	3256-3	Washer	2
12	32144-4	Screw - Hex. Washer Hd.	6	24	32151-72	Retainer - Push-On	2
				*25	87-6270	Socket - Light	4

\*Not Illustrated



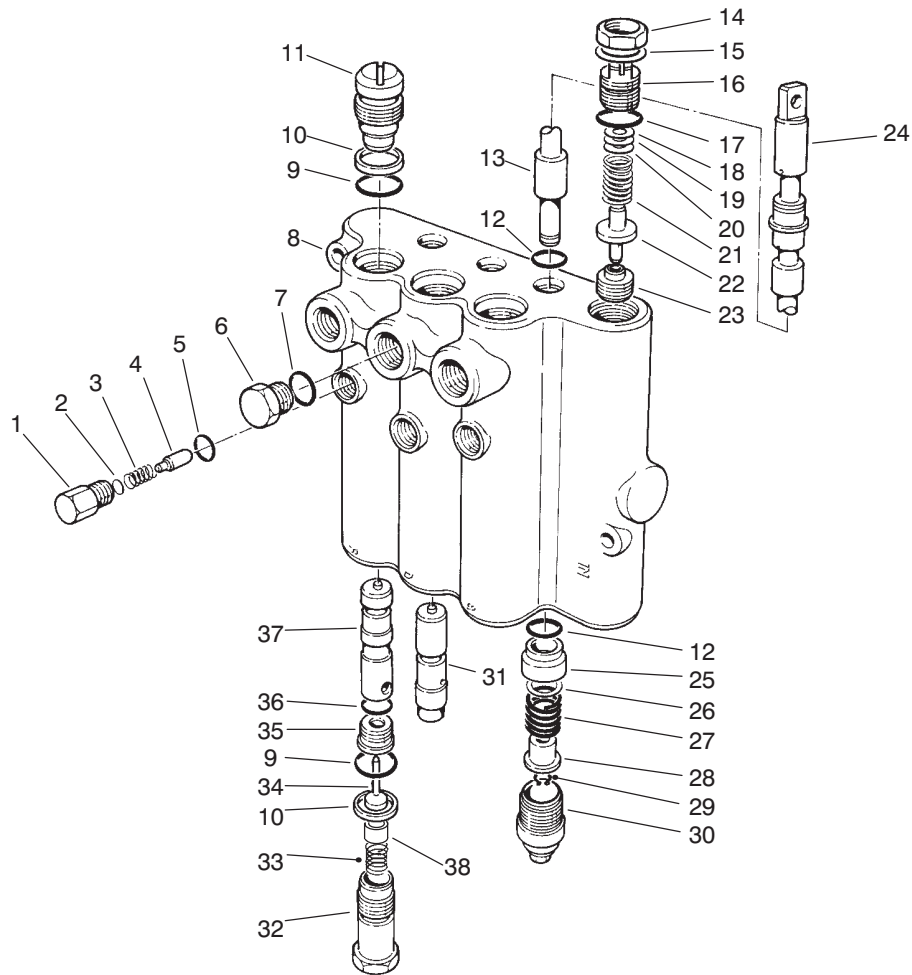
T-1504

## 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



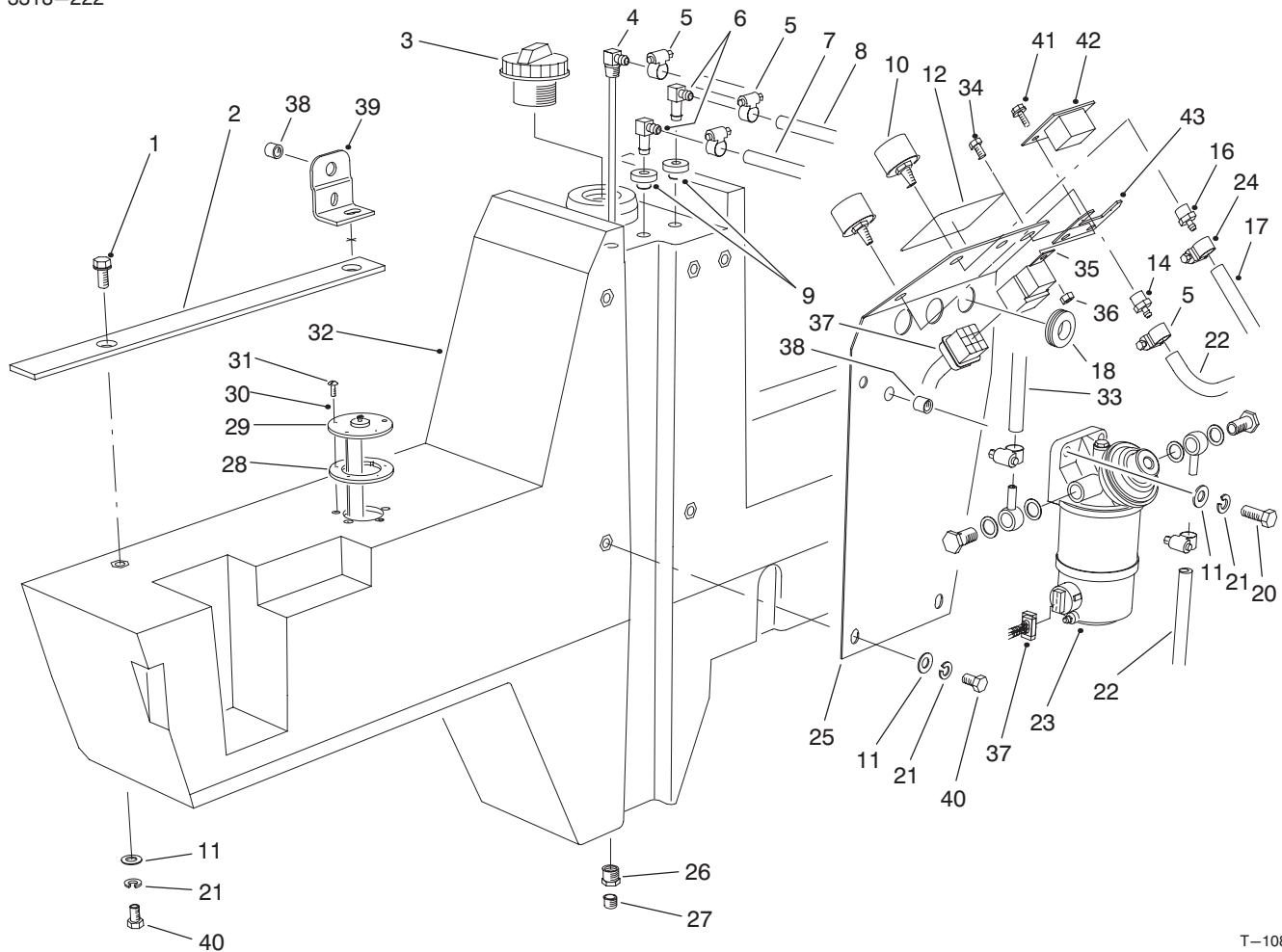
T-0379A

## LIFT VALVE ASSEMBLY NO. 92-7762

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-6780	Plug Assembly (Incl. Ref. #5)	3	21	92-2567	Spring	1
2	60-6450	Disc	A/R	22	92-2568	Poppet	1
3	58-6760	Spring	3	†23		Seat	1
4	58-6770	Plunger - Detent	3	24	58-6320	Wiper - Seal	3
5	58-6790	Seal - O-Ring	3	25	58-6400	Bushing	3
6	353-508	Plug Assembly (Incl. Ref. #7)	3	26	58-6700	Washer	3
7	58-6720	Seal - O-Ring	3	27	58-6730	Spring	3
†8		Body	1	28	58-6310	Spacer	3
9	60-5720	Seal - O-Ring	6	29	58-6460	Ring - Retaining	3
10	58-6370	Washer - Back-Up	6	30	58-6420	Cap Assembly	3
11	58-6350	Plug Assembly (Incl. Ref. #9-10)	3	31	84-6430	Plunger	1
12	58-6450	Seal - O-Ring	6	32	92-7780	Plug Assembly (Incl. Ref. #9-10)	3
†13		Spool	3	33	92-7778	Spring	3
†14		Nut - Lock	1	34	58-6290	Poppet Assembly	3
†15		Washer	1	35	58-6330	Seat Assy. (Incl. Ref. #36)	3
16	69-1830	Plug Assembly (Incl. Ref. #14, 15 & 17)	1	36	58-6340	Seal - O-Ring	3
17	58-6750	Seal - O-Ring	1	37	84-6420	Plunger	2
18	58-6470	Washer	A/R	38	92-7779	Eyelet	3
19	58-6480	Washer	A/R	*	60-3780	Seal Kit (Incl. Ref. #5, 7, 9, 10, 12, 12, 17, 24, 29, 34, & 36)	1
20	58-6490	Washer	A/R				

\*Not Illustrated

†Not Serviceable Separately

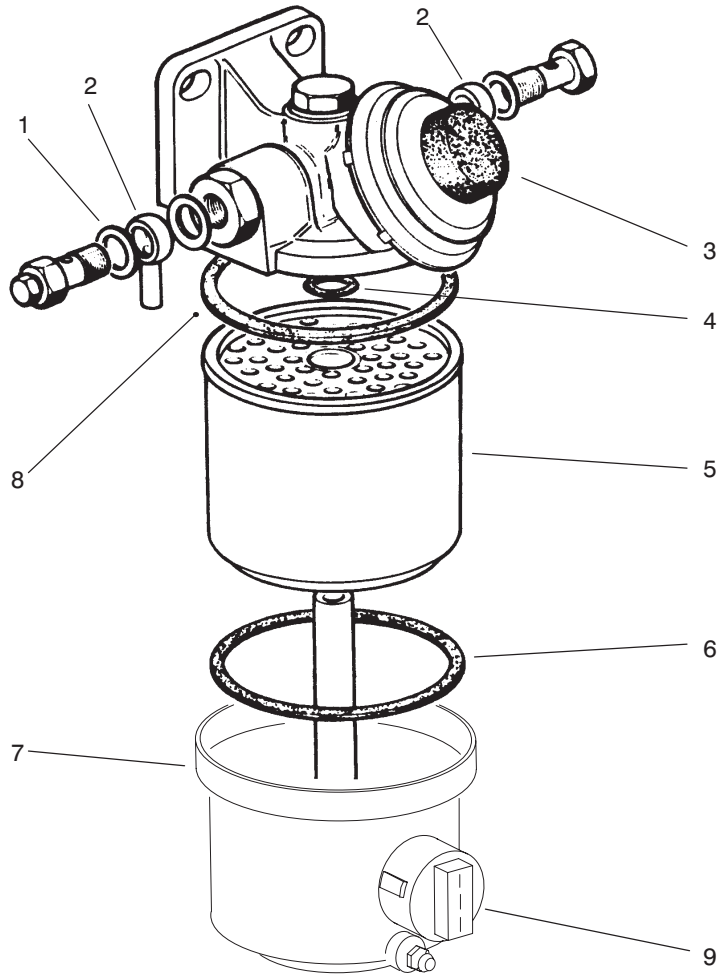


T-1088C

## 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

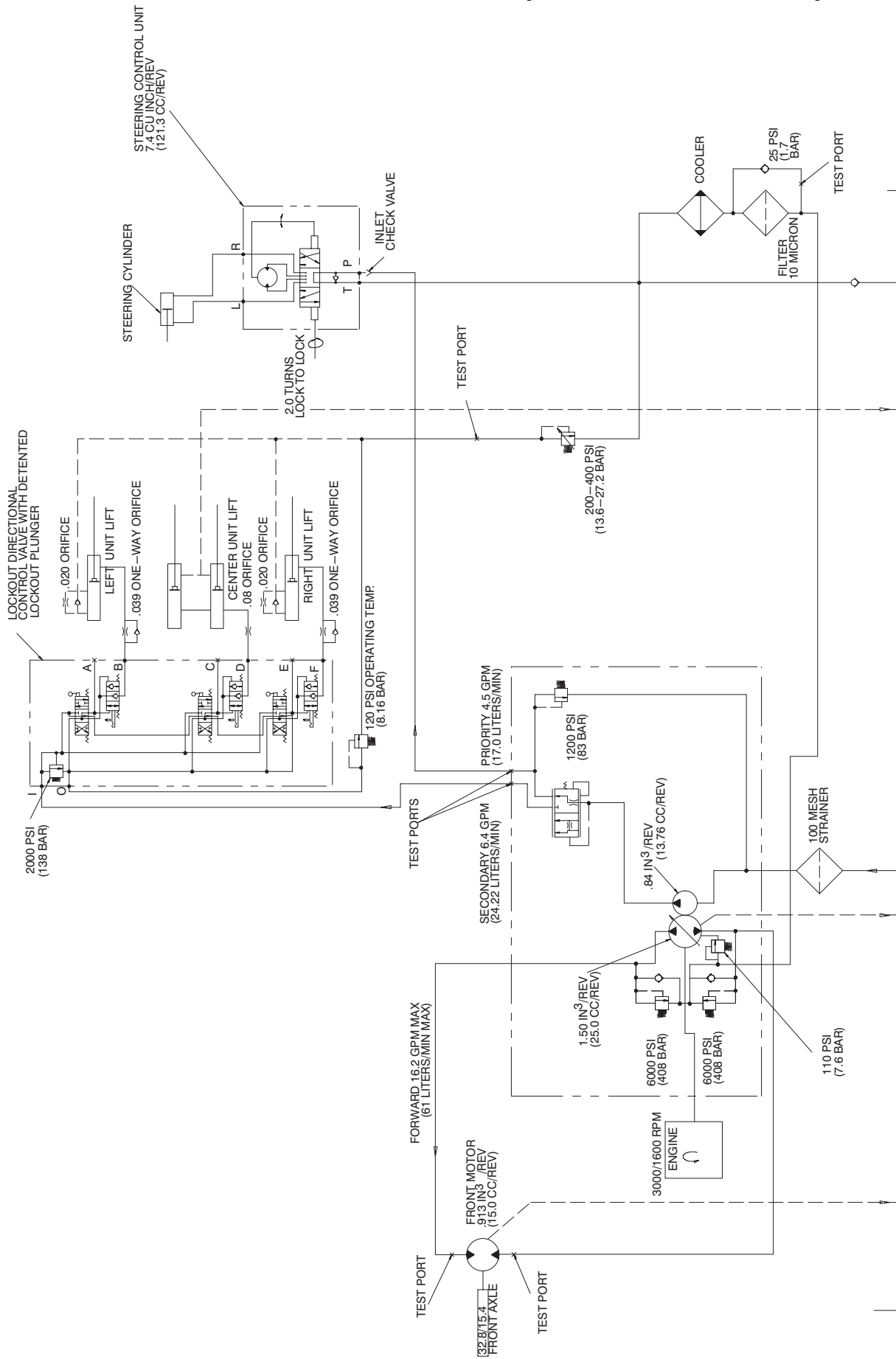


T-0966A

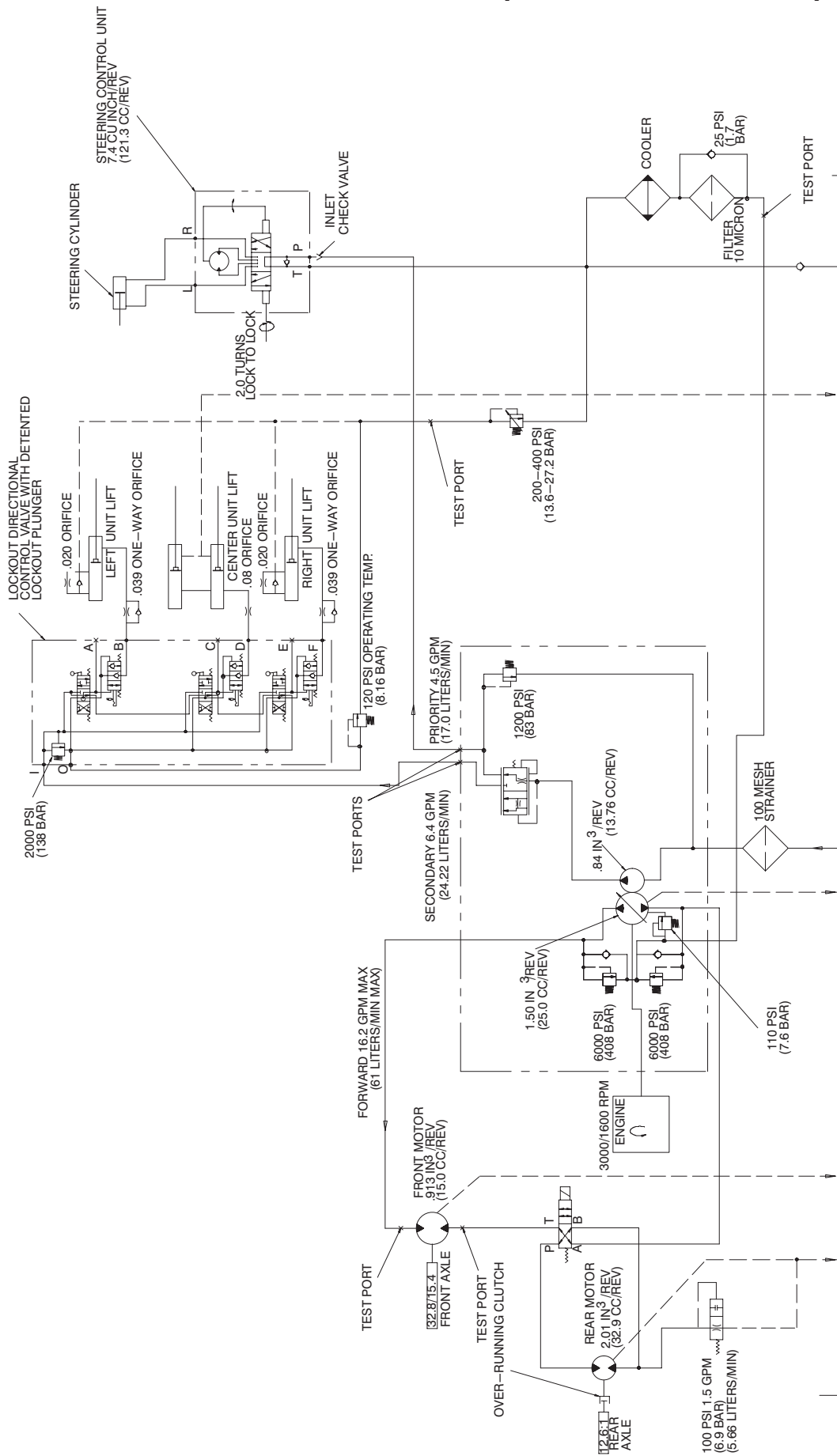
### FUEL FILTER ASSEMBLY NO. 76-5300

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-5180	Washer - Copper	4	6		Seal - Gasket	1
2	76-5190	Fitting - Adjustable	2	7		Cap - Fuel Filter	1
4		Seal - O-Ring	1	8		Seal - Gasket	1
5	76-5220	Element - Filter (Incl. Ref. #4, 6 & 8)	1	9	76-5320	Sensor - Water	1

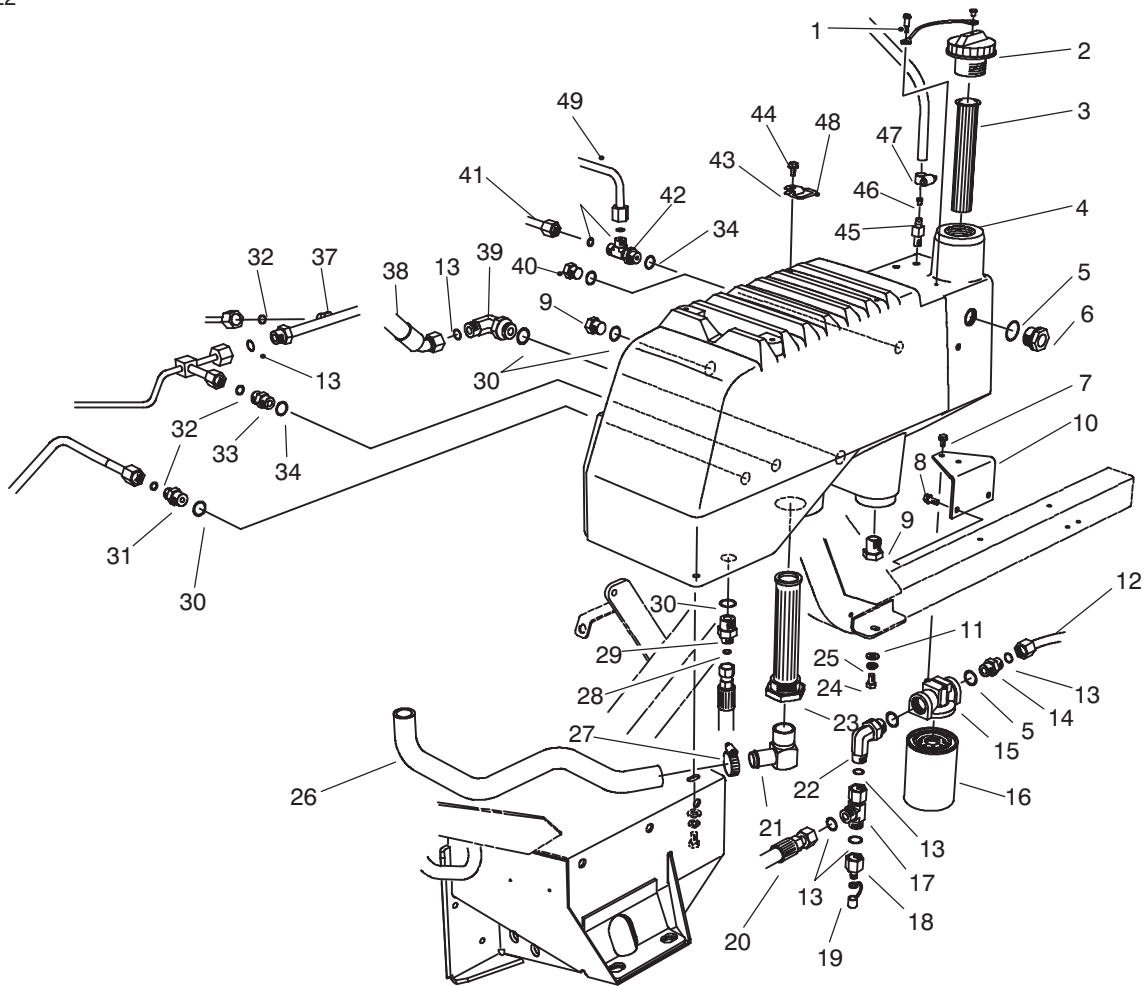
# HYDRAULIC SCHEMATIC (Model No. 30450)



# HYDRAULIC SCHEMATIC (Model No. 30455)



T-1496B

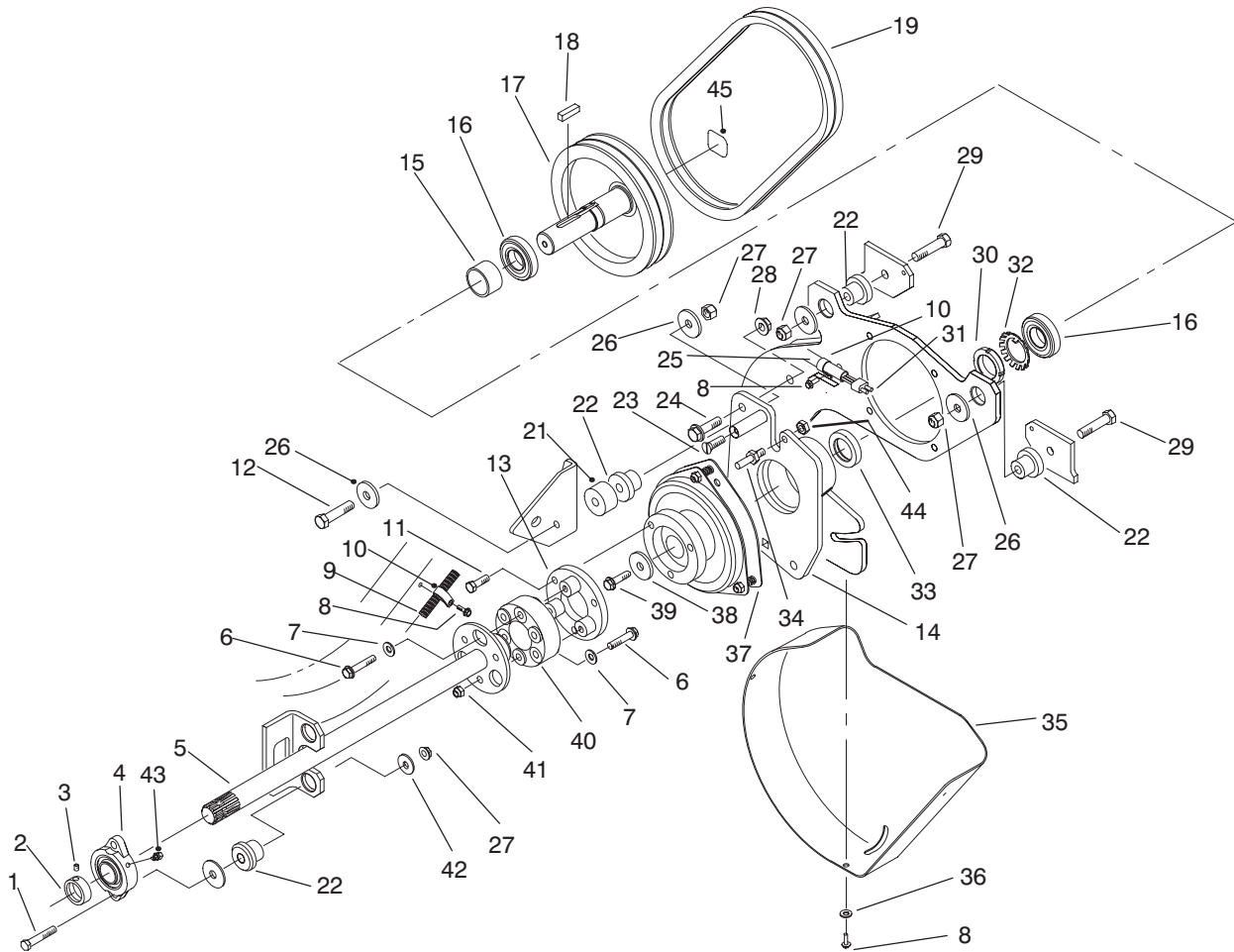


T-1509B

## 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

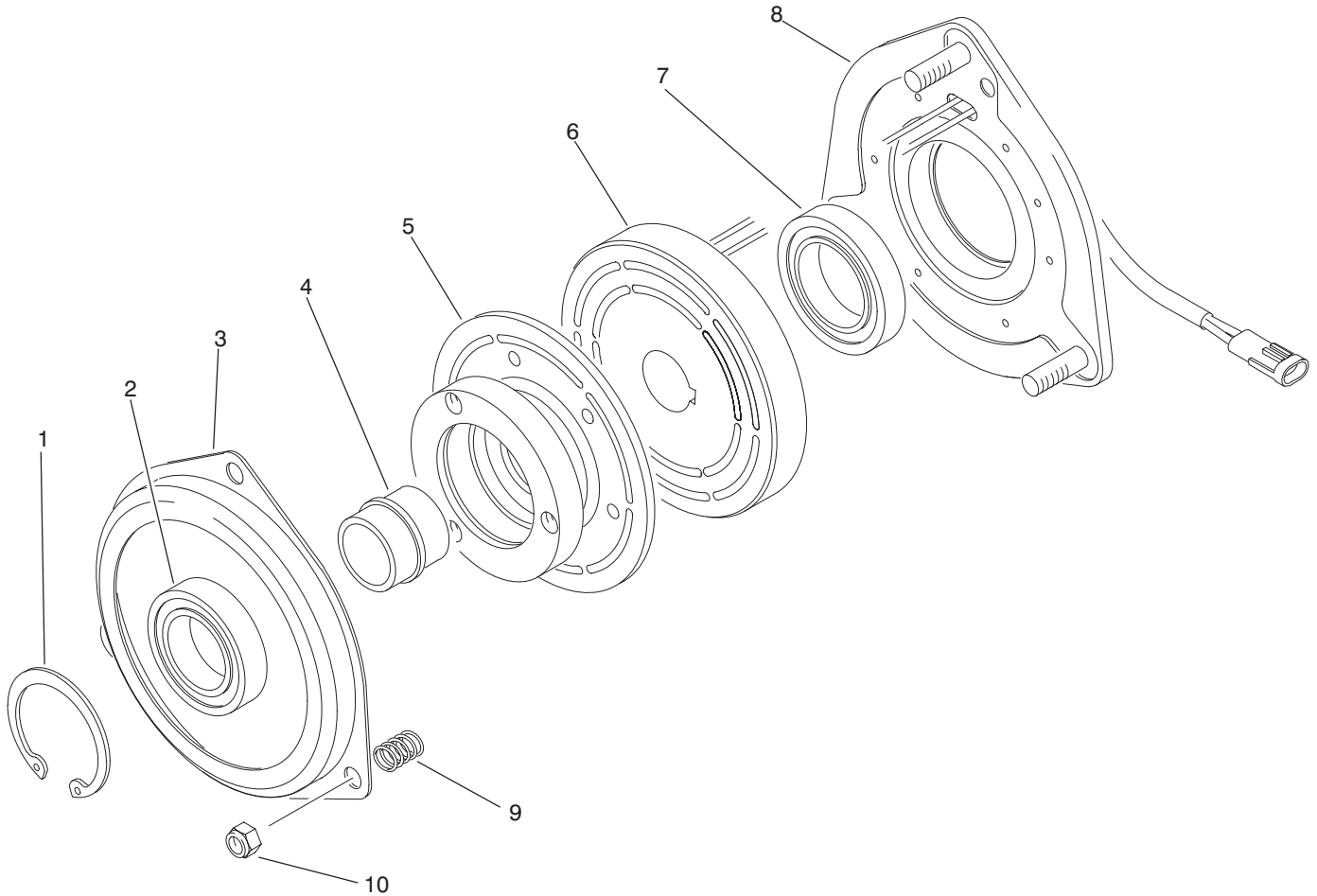
Ref. No.	Part No.	Description	No. Used
26	86-2800	Hose - Suction	1
27	2412-34	Clamp - Hose	1
28	237-22	O-Ring	1
29	340-141	Fitting - Hydraulic	1
30	237-80	O-Ring	3
31	340-6	Fitting - Adapter	1
32	237-30	O-Ring	5
33	75-9550	Valve - Check	1
34	237-79	O-Ring	3
37	94-5605	Hydraulic Tube Assembly	1
38	86-3150	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	Ref. No.	Part No.	Description	No. Used
1	3274-71	Screw - Soc. Hex. Hd.	2	24	3234-22	Screw - Flange Head	3
2		Collar - Bearing	1	25	86-3030	Cover - Wire	1
3		Screw - Set	1	26	84-1560	Washer - Thrust	4
4	86-5620	Bearing (Incl. Ref. 2 & 3)	1	27	3296-25	Nut - Lock	5
5	84-1320	Shaft - P.T.O.	1	28	32128-49	Nut - Flange Head	3
6	66-9303	Screw - Flange Head	6	29	325-9	Screw - Cap Hex. Hd.	2
7	3256-24	Washer - Flat	6	30	88-1450	Nut - Lock, Bearing	1
8	32144-11	Screw - Hex. Washer Hd.	5	31	94-5623	Harness - Wire, Main	1
9	86-5470	Harness - Wire	1	32	88-1460	Washer - Lock	1
10	2412-109	Clamp-J	2	33	88-1150	Spacer - Clutch	1
11	48-9470	Bolt - Hex. Head	3	34	92-5817	Pin - Clutch Stop	1
12	325-14	Screw	1	35	88-1280	Cover - Belt, Lower	1
13	84-1410	Adapter - Clutch	1	36	3256-70	Washer - Flat	3
14	92-5818	Housing - Bearing, Lower	1	37	86-5610	Clutch	1
15	88-1140	Spacer - Bearing, Lower	1	38	84-1580	Washer - Clutch	1
16	251-310	Bearing - Ball	2	39	3234-18	Screw - Flange Head	1
17	84-0180	Pulley - Lower	1	40	86-3040	Flange - Rubber	1
18	84-1540	Key	1	41	3296-39	Nut - Lock	3
19	88-1170	Belt - Matched Set	1	42	86-1990	Washer	4
21	84-1570	Spacer	1	43	302-60	Fitting - Grease	1
22	84-1550	Mount - Rubber	5	44	3296-47	Nut - Lock	1
23	88-1510	Screw - Special	1	45	88-8950	Decal - Warning	1

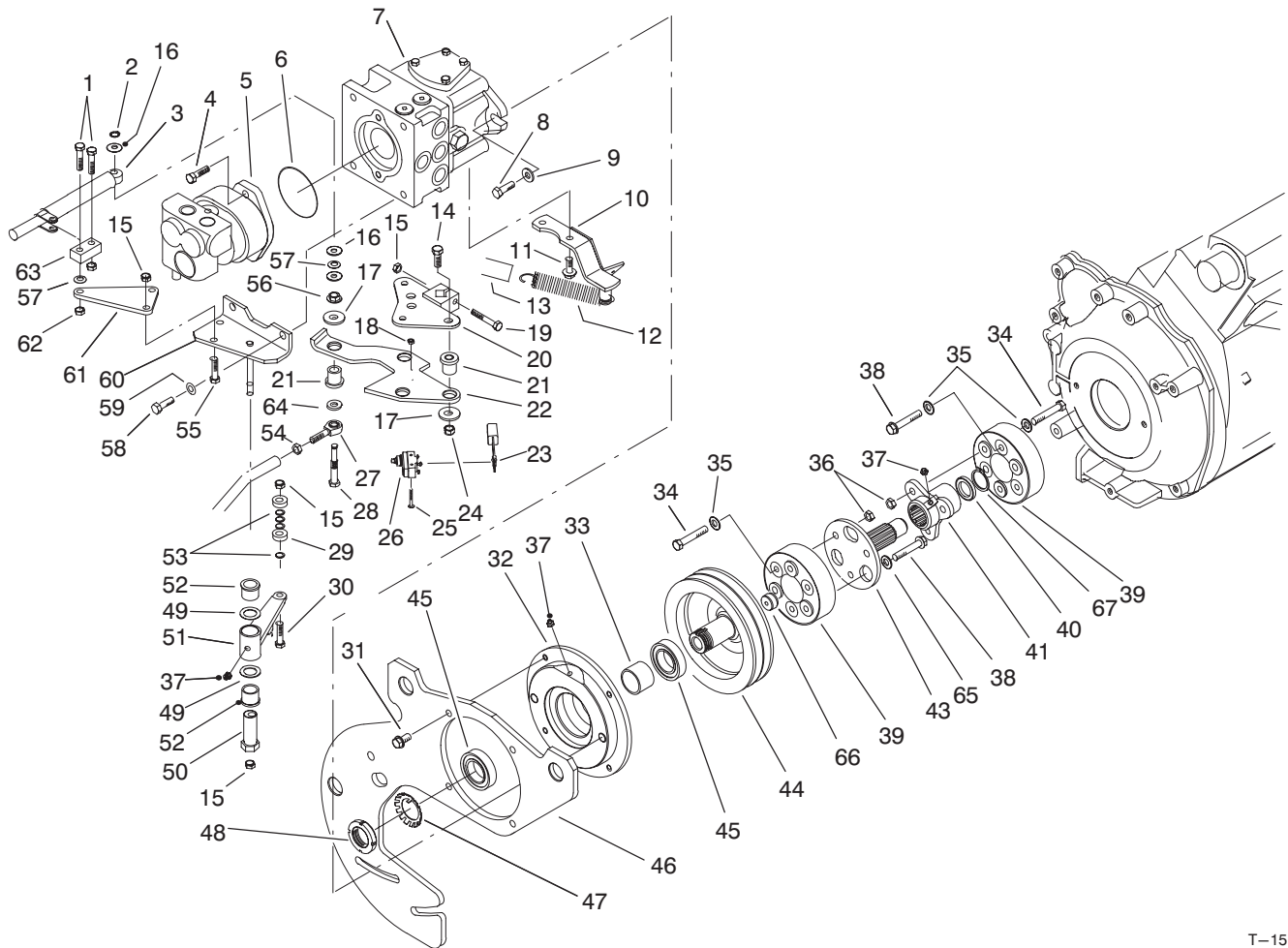


T-1523

## 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

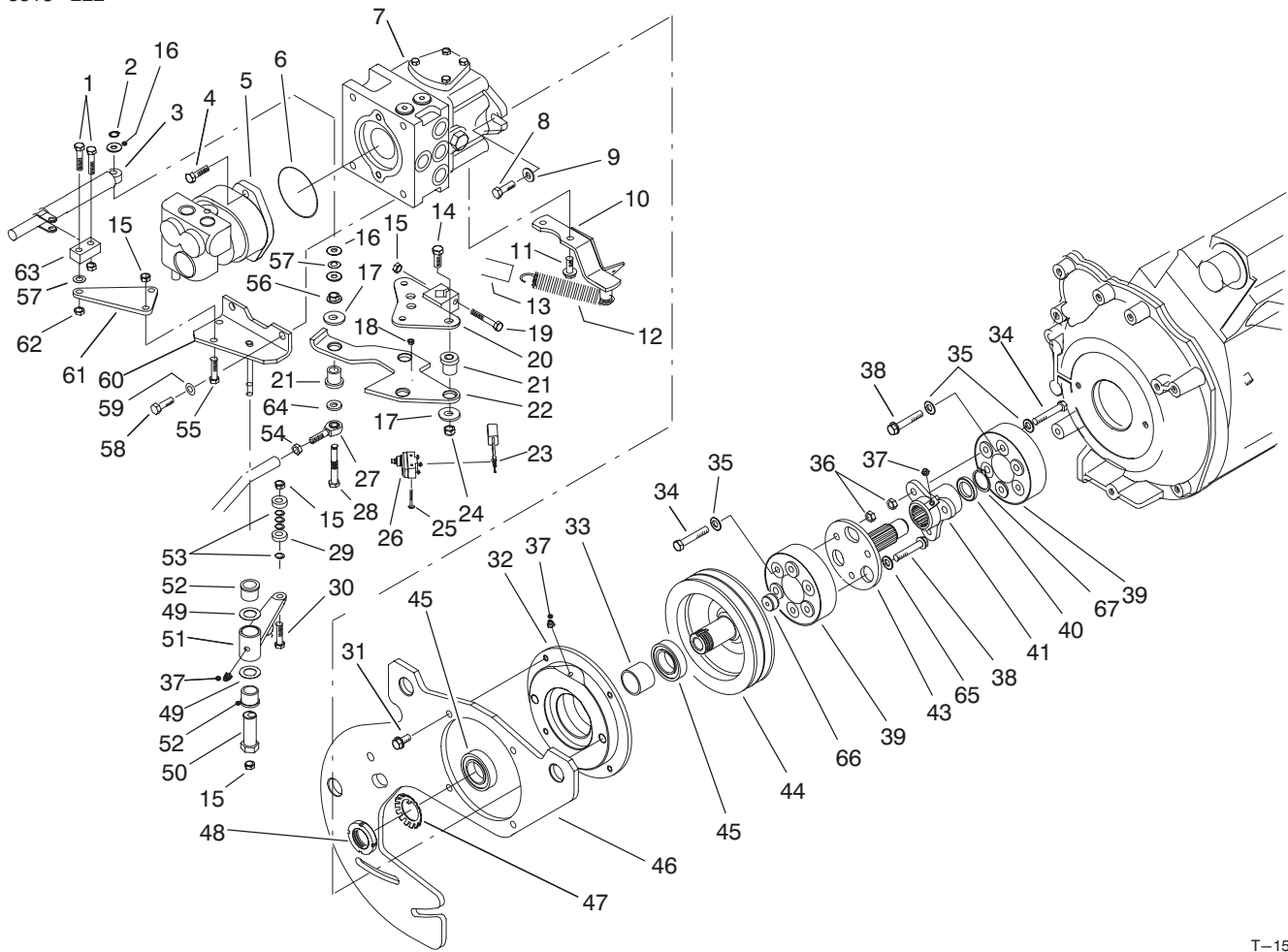
Ref. No.	Part No.	Description	No. Used
6		Assembly – Field Coil	1
7		Bearing – Field	1
8	88-1610	Assembly – Field Rotor (Incl. Ref. #6 &7)	1
9	44-8320	Spring	3
10	3296-6	Nut – Lock	3



T-1511A

## HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-6	Screw - Cap Hex. Hd.	2	27	2411-36	Rod End	1
2	32151-73	Ring - Clip	1	28	82-5280	Shaft - Pivot	1
3	76-8870	Assy. - Damper, Lever	1	29	251-259	Bearing - Ball	2
4	323-7	Screw - Cap Hex. Hd.	2	30	322-7	Screw - Cap Hex. Hd.	1
5	92-7761	Assy. - Pump, Gear	1	31	3234-1	Screw - Hex. Flange Hd.	4
6	237-161	O-Ring	1	32	84-0750	Housing - Bearing	1
7	86-5590	Assembly - Pump	1	33	86-5940	Spacer - Bearing	1
8	3213-2	Screw - Hex. Hd. Flange	2	34	323-47	Screw - Cap Hex. Hd.	6
9	3256-26	Washer - Flat	2	35	3256-24	Washer - Flat	9
10	84-1380	Anchor - Spring	1	36	3296-39	Nut - Lock	6
11	32144-26	Screw - Hex. Washer Hd.	2	37	302-5	Fitting - Grease	3
12	76-9430	Spring - Extension	1	38	66-9303	Screw - Hex. Flange Hd.	6
13	84-1480	Hose - Dampener	1	39	86-3040	Coupling - Rubber	2
14	323-29	Screw - Cap Hex. Hd.	3	40	253-43	Seal - Grease	1
15	3296-29	Nut - Lock	5	41	84-1330	Hub - Splined	1
16	3256-71	Washer - Flat	3	43	84-1030	Driveshaft	1
17	63-8410	Washer	4	44	84-0170	Pulley - P.T.O.	1
18	3296-9	Nut - Lock	2	45	251-314	Bearing	2
19	322-10	Screw - Cap Hex. Hd.	1	46	86-2830	Plate W.A. - Adapter, Main	1
20	82-5180	Control W.A. - Pump	1	47	88-1440	Washer - Lock	1
21	63-9751	Mount - Rubber	4	48	88-1430	Nut - Lock, Bearing	1
22	88-1470	Plate - Control, Pump	1	49	3-6498	Washer	2
23	86-3020	Wire - Neutral, Switch	1	50	76-8640	Stud - Traction	1
24	3296-59	Nut - Lock	3	51	92-2581	Neutral Switch Arm Assy. (Incl. Ref. #37 & 52)	1
25	3249-11	Screw - Machine Rd. Hd.	2	52	256-113	Bushing	2
26	29-6163	Switch - Micro	1				

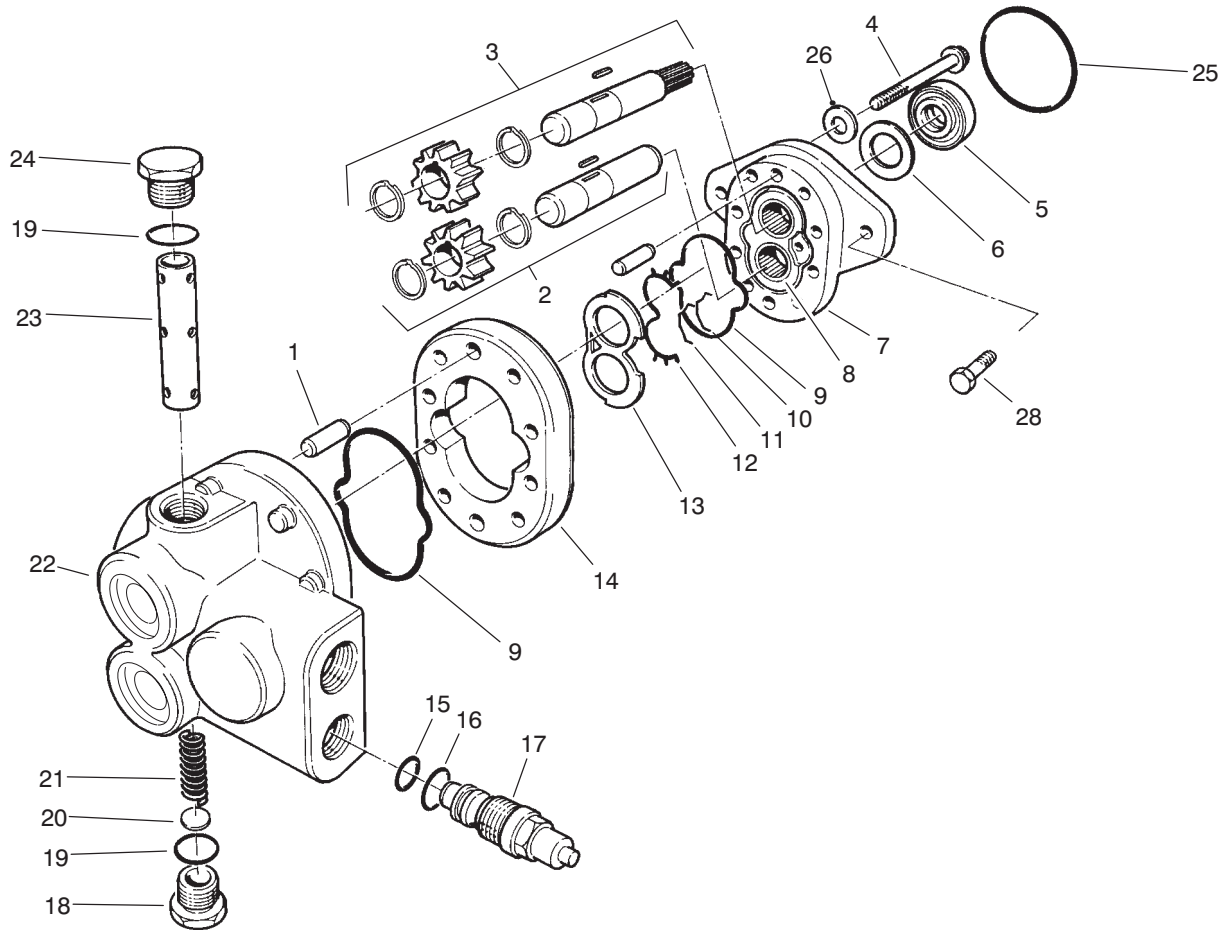


T-1511A

## 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



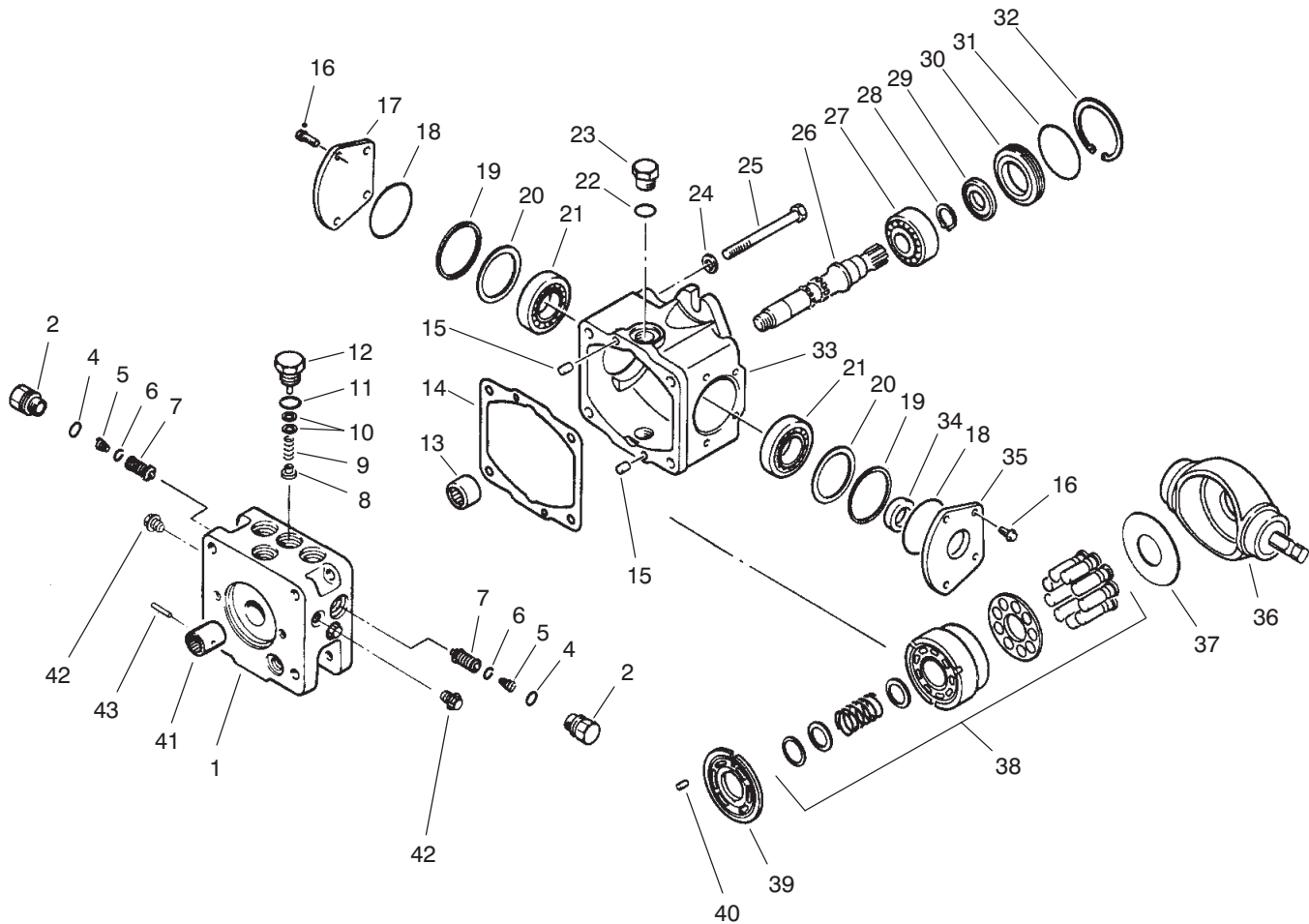
T-0995A

## GEAR PUMP ASSEMBLY NO. 92-7761

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		Pin—Dowel	4	†16		Seal — O—Ring	1
2	88-3740	Idler Gear Assembly	1	17	74-9000	Relief Valve Assy. (Incl. Ref. #15 & 16)	1
3	88-3750	Drive Gear Assembly	1	18	60-5710	Plug Assembly (Incl Ref. #19)	1
4	88-3760	Capscrew	8	†19		O—Ring	2
5	49-2640	Seal—Shaft	1	20	60-5730	Disc	1
6	60-5890	Washer	1	21	88-3770	Spring	1
7	49-2660	Frontplate Assembly (Incl. Ref. #8)	1	†22	92-7783	Backplate Assembly	1
†8		Bearing — Needle	2	†23	74-8990	Spool Assembly	1
9	56-6710	Seal — O—Ring	2	24	60-5860	Plug Assembly (Incl. Ref. #19)	1
10	49-2680	Seal — O—Ring (Molded)	1	25	237-161	O — Ring	1
11	49-2700	Seal—Bearing	1	26	74-8920	Washer — Copper	4
12	49-2690	Gasket—Backup	1	28	323-7	Screw—Cap, Hex. Hd.	2
13	49-2670	Plate—Wear	1	*	74-9020	Backplate Repair Kit	1
14	88-3730	Body Assembly (Incl. Ref. #1)	1	*	74-9010	Kit — Seal	1
†15		Seal — O—Ring	1				

\*Not Illustrated

†Not Serviced Separately

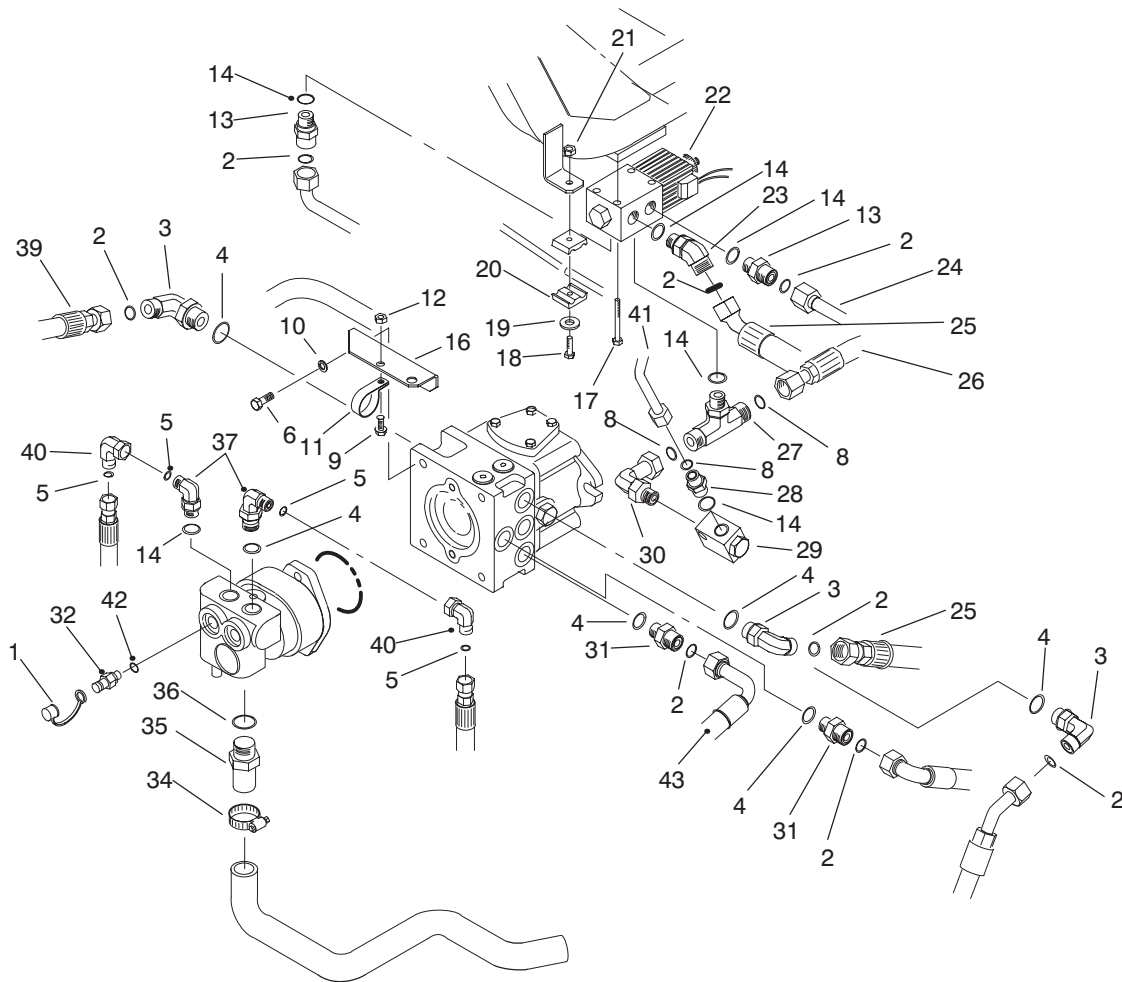


T-1497

## TRACTION PUMP ASSEMBLY NO. 86-5590

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

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

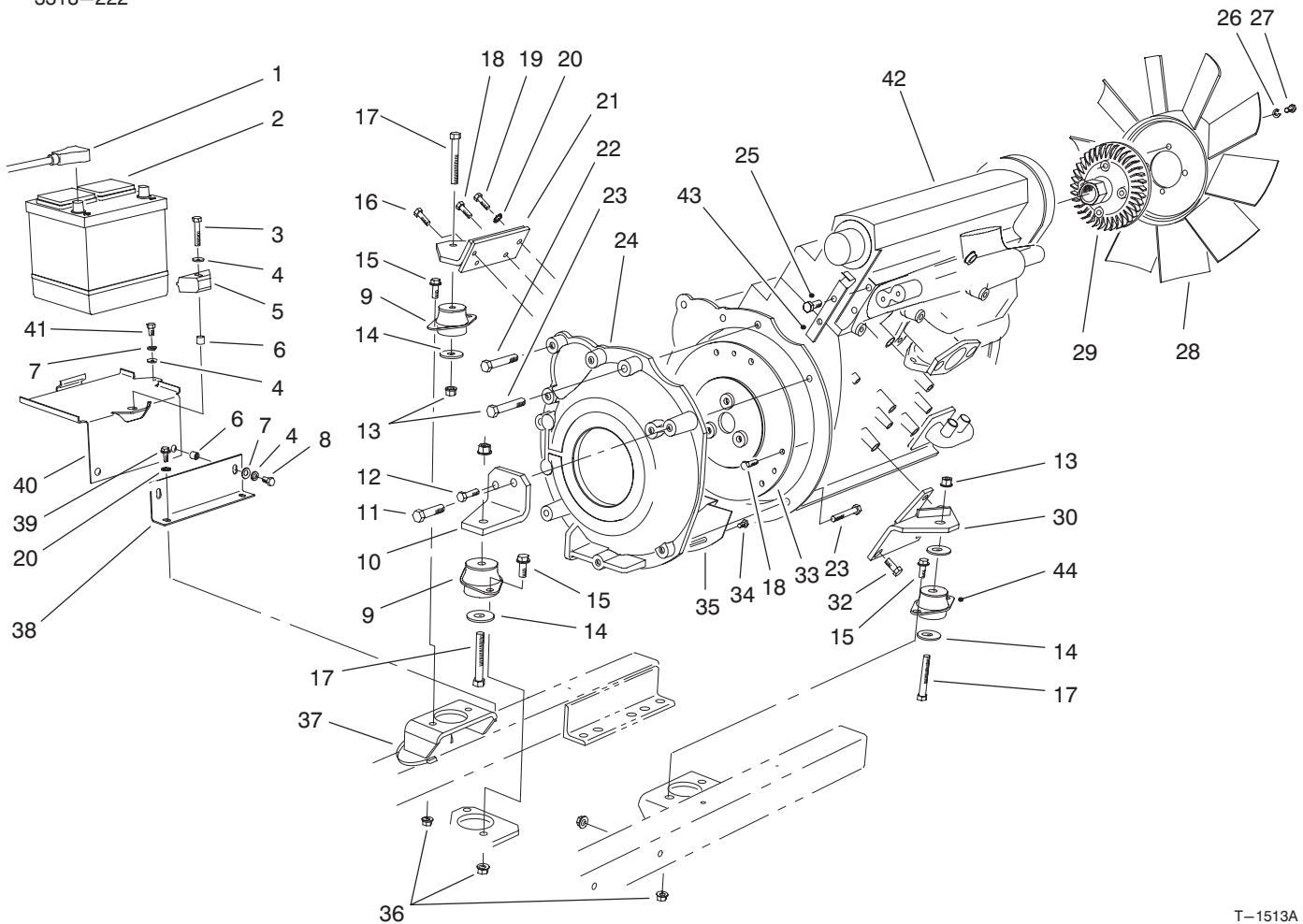


T-1498B

## HYDRAULIC PUMP FITTINGS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	353-947	Cap - Fitting	2	25	92-5828	Assembly - Hose (Model 30455 Only)	1
2	237-65	O-Ring	8	26	86-2710	Assembly - Hose, Rear (Model 30455 Only)	1
3	340-17	Fitting - Hydraulic 90°	2	27	340-157	Fitting - Tee (Model 30455 Only)	1
4	237-80	O-Ring	6	28	340-4	Fitting - Hydraulic (Model 30455 Only)	1
5	237-22	O-Ring	4	29	84-0720	Valve - Velocity (Model 30455 Only)	1
6	324-4	Screw - Cap Hex. Hd.	2	30	340-165	Fitting - Hydraulic (Model 30455 Only)	1
8	237-30	O-Ring	3	31	340-7	Fitting - Hydraulic	2
9	322-2	Screw - Cap Hex. Hd.	1	32	354-77	Fitting - Test Port	2
10	3253-6	Washer - Lock	2	34	2412-34	Clamp - Hose	1
11	2412-104	Clamp - R	1	35	354-78	Connector - Hose	1
12	32128-20	Nut - Lock, Flange Head	1	36	237-146	O-Ring	1
13	340-155	Fitting - Hydraulic 90° (Model 30455 Only)	2	37	340-18	Fitting - Hydraulic 90°	2
14	237-79	O-Ring (Model 30455 Only)	6	38	86-5500	Assembly - Hose	1
16	88-1290	Bracket - Rod, Seat	1	39	86-3150	Assembly - Hose	1
17	321-15	Screw - Cap Hex. Hd. (Model 30455 Only)	2	40	340-159	Fitting - Hydraulic 90° (Incl. Ref. #5)	2
18	322-6	Screw - Cap Hex. Hd.	1	41	86-5810	Assembly - Tube (Model 30455 Only)	1
19	3256-23	Washer - Flat	1	42	237-78	O-Ring	2
20	56-7973	Clamp	2	43	92-5830	Assembly - Hose	1
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				

\*Not Illustrated



T-1513A

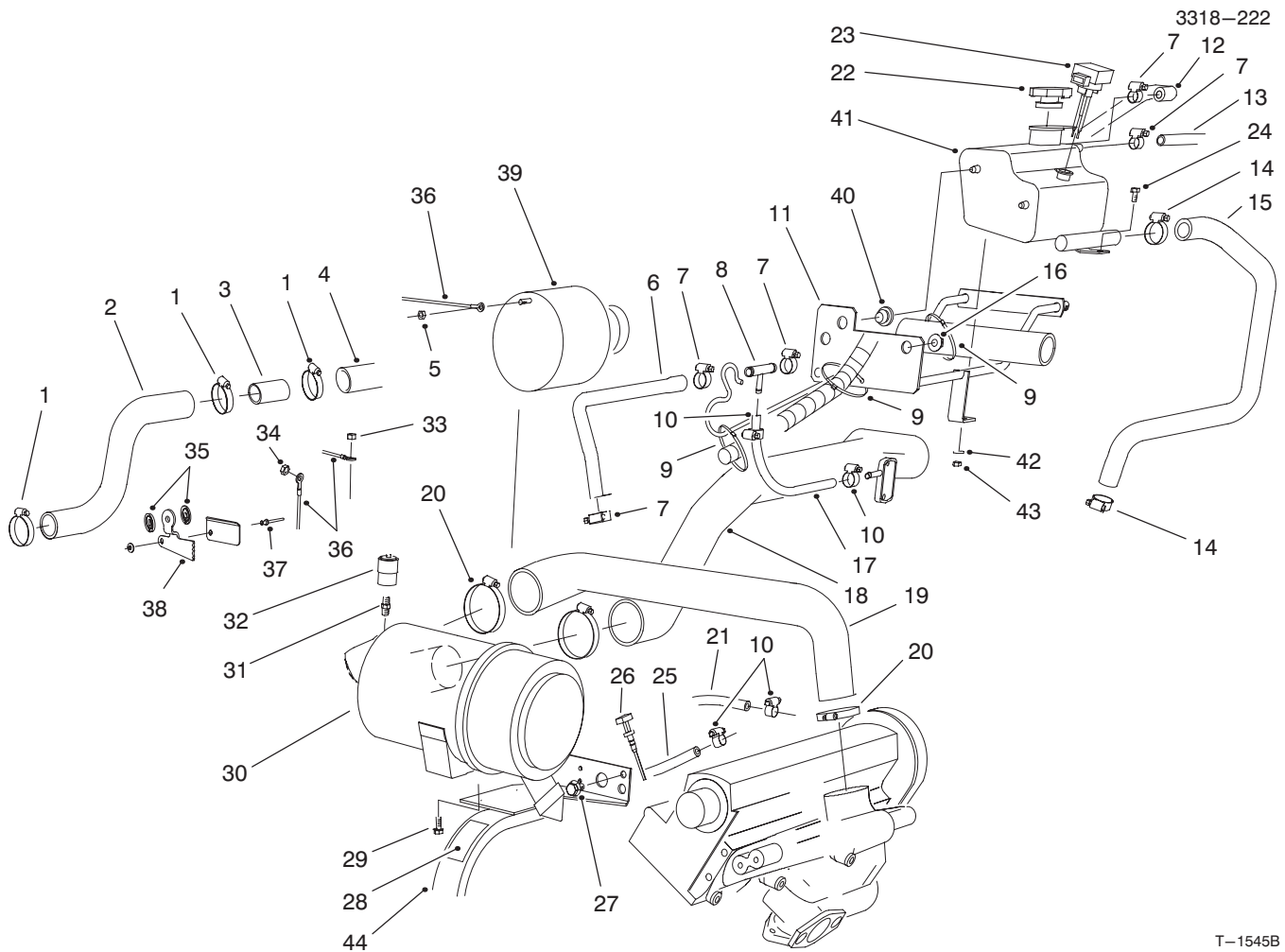
## ENGINE & BATTERY INSTALLATION ASSEMBLY

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

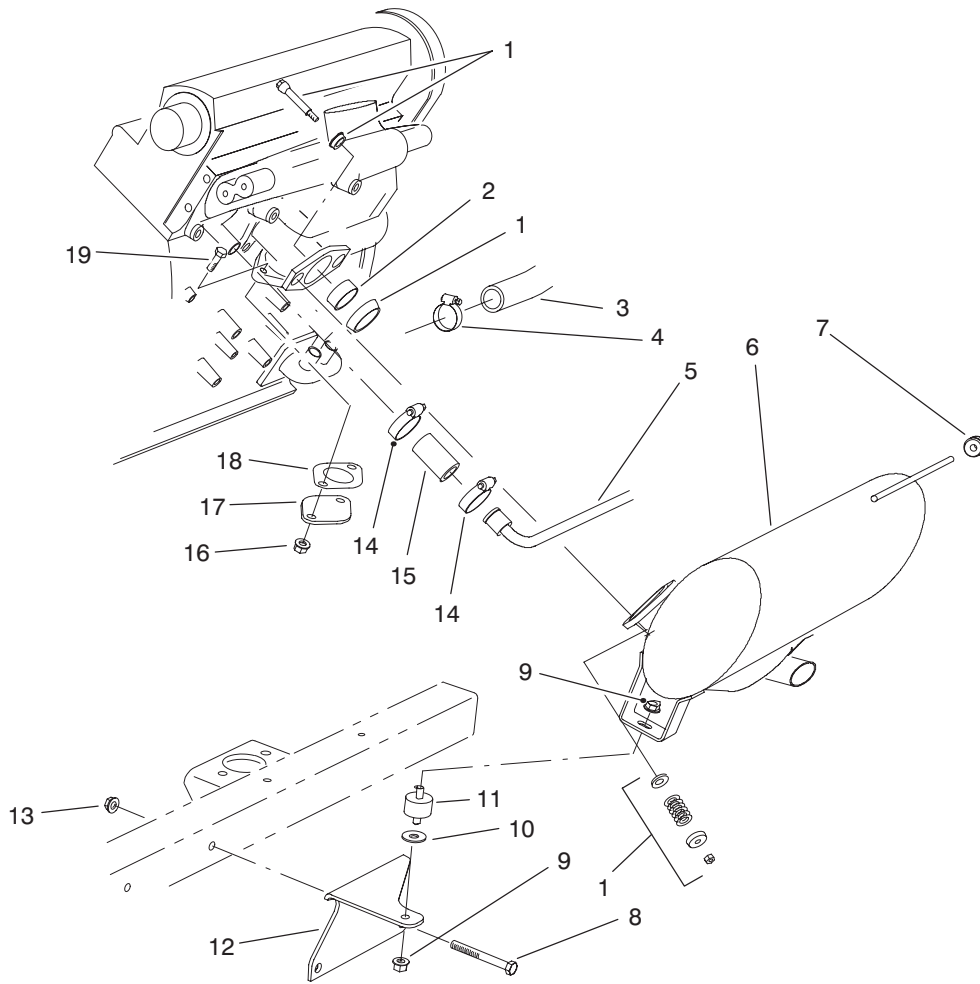


T-1545B

## ENGINE PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-3	Clamp - Hose	3	†23	93-7572	Sensor - Water Level	1
2	94-1418	Hose - Radiator, Upper	1	24	33105-020	Screw - Hex. Hd. Flange	1
3	93-7594	Spacer - Tubular	1	25	63-7622	Hose - Fuel	1
4	93-7221	Hose - Radiator, Upper	1	†26	93-9175	Dipstick	1
5	48-7890	Nut - Hex.	1	27	3234-11	Screw - Flange	3
6	94-2630	Hose - Return	1	28	83-9150	Decal - Starting Fluid	1
7	2412-36	Clamp - Hose	5	29	33104-016	Screw - Hex. Hd. Flange	2
8	93-4207	Fitting - Hose Tee	1	30	93-7485	Filter Assembly	1
9	3290-378	Tie - Cable	2	31	94-1416	Adapter Assembly	1
10	2412-108	Clamp - Hose	4	32	93-9164	Service Indicator	1
11	93-7229	Degassing Support Asm.	1	33	48-7930	Nut - Hex.	1
12	93-7788	Hose - Return	1	34	48-7880	Nut - Hex.	2
13	94-5625	Hose - Radiator, Overflow	1	35	86-2990	Mount - Throttle Cable	2
14	2412-129	Clamp - Hose	2	36	94-5623	Wire Harness - Main	1
15	94-5604	Hose - Overflow	1	37	3290-282	Rivet - Pop	1
16	3290-357	Nut - Flange	3	38	94-1421	Coupling - Center, Spring	1
17	63-7622	Hose - Fuel Line	1	39	93-4233	Engine Assembly	1
18	93-7223	Hose - Intake	1	†40	94-2801	Grommet - Rubber	2
19	93-7224	Hose - Air Cleaner	1	†41	93-7571	Box - Degassing	1
20	2412-125	Clamp - Hose	3	42	33093-00	Washer - Flat	1
21	63-7627	Hose - Fuel	1	43	33023-00	Nut - Lock, Nylon Insert	1
†22	94-2800	Cap - Radiator	1	44	93-7236	Bracket - Support	1

† Furnished with engine.

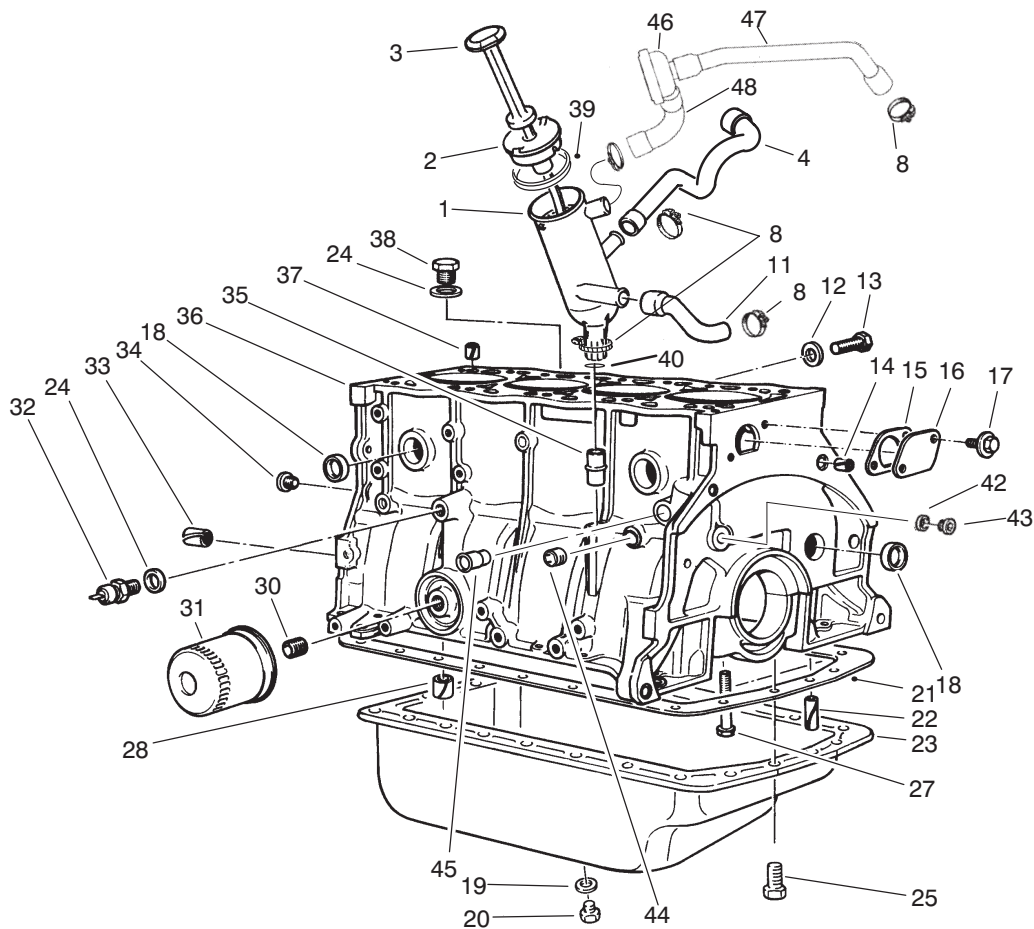


T-1544B

## 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

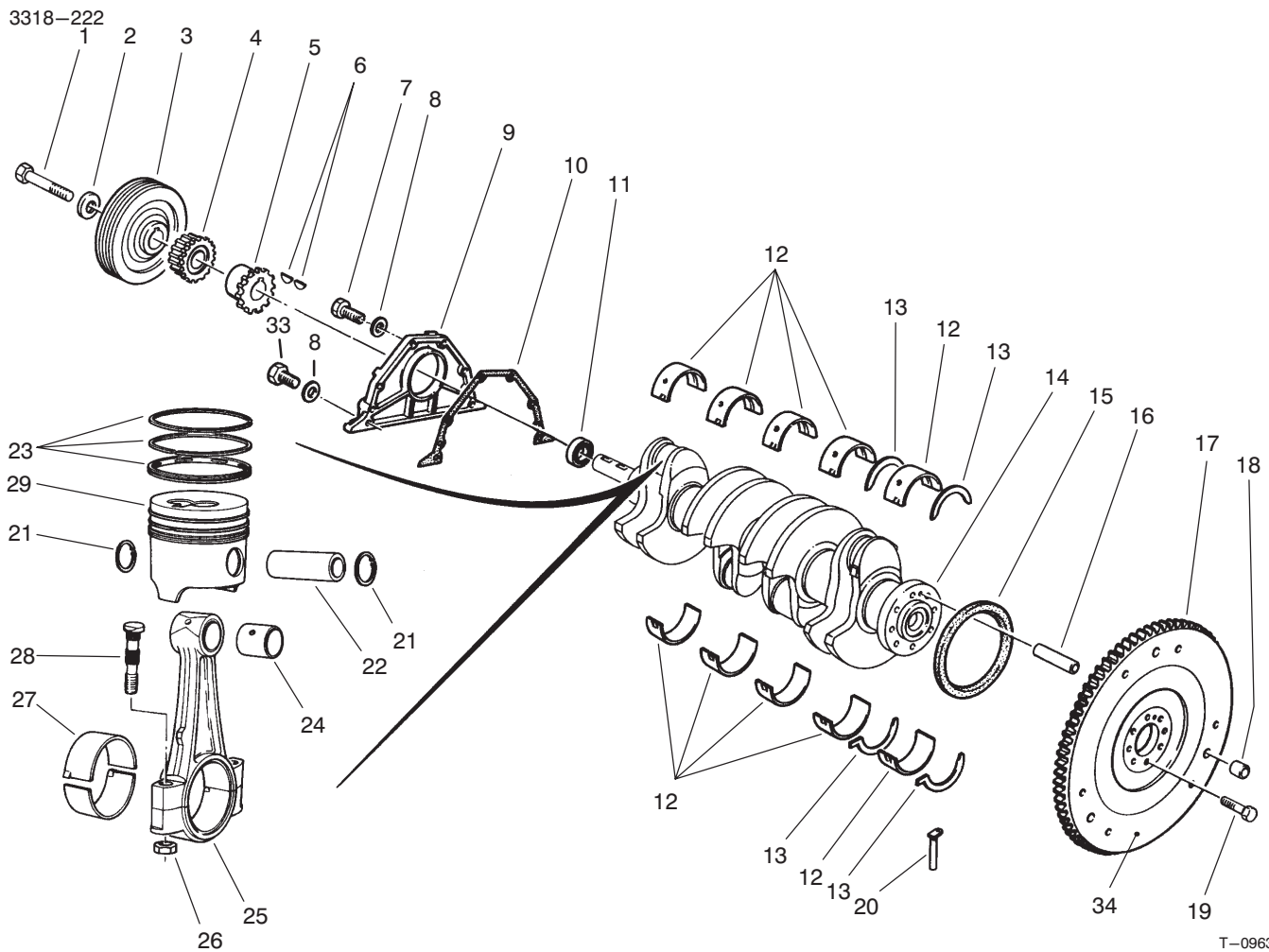


T-2142A

## CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-3181	Oil Filler (Incl. Ref. 39)	1	27	74-7930	Screw - Bearing Cap	10
2	94-3182	Plug	1	28	74-7940	Bushing - Spring	1
3	93-9175	Dipstick - Oil	1	29	74-7950	Screw - Plate	6
4	94-3184	Union	1	30	74-7960	Stud - Filter	1
8	2412-129	Clamp - Hose	8	31	74-7970	Filter - Oil	1
11	74-7770	Hose - Crankcase	1	32	94-3180	Switch - Pressure	1
12	74-7780	Gasket	1	33	74-7990	Pin - Spring	4
13	74-7790	Screw	1	34	74-8000	Plug	2
14	74-7800	Pin	2	35	74-8010	Guide - Dipstick	1
15	74-7810	Gasket - Plate	1	36	94-3100	Short Block Assembly (Incl. Pistons next page)	1
16	74-7820	Plate	1	37	74-8030	Pin - Spring	1
17	94-3112	Screw - Washer Hd.	2	38	74-8040	Plug - Drain	1
18	74-7840	Plug - 27 mm Dia.	8	39	94-3183	Gasket	1
*	94-3108	Plug - 27.5 mm Dia.	8	40	94-3186	O-Ring	1
*	94-3109	Plug - 28.5 mm Dia.	9	42	94-3106	Gasket	2
19	74-7320	Gasket	1	43	94-3104	Plug - Threaded	2
20	74-7310	Plug - Threaded	1	44	94-3103	Plug - Threaded	1
21	74-7380	Gasket - Oil Pan	1	45	94-3110	Stud	1
22	94-3111	Pin - Groove	2	46	74-5760	PCV Valve	1
23	74-7300	Pan - Oil	1	47	94-3192	Union	1
24	74-7850	Gasket	2	48	94-3191	Union	1
25	74-7330	Screw - Cap Hex. Hd.	23	*	94-3101	Gasket Set (Without Head Gasket)	1
26	77-3790	Plug - Drain	1				

\*Not Illustrated



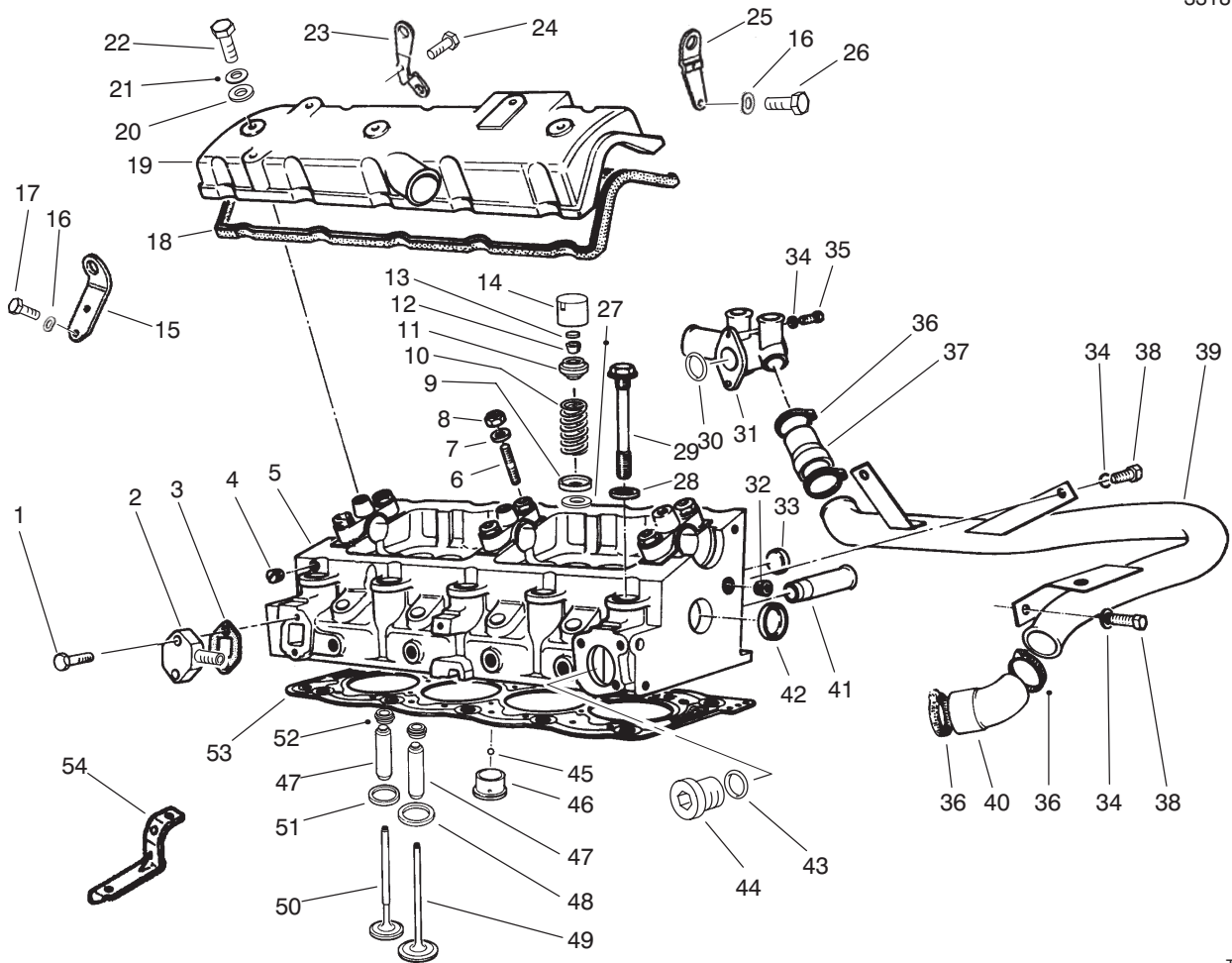
T-0963A

## 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

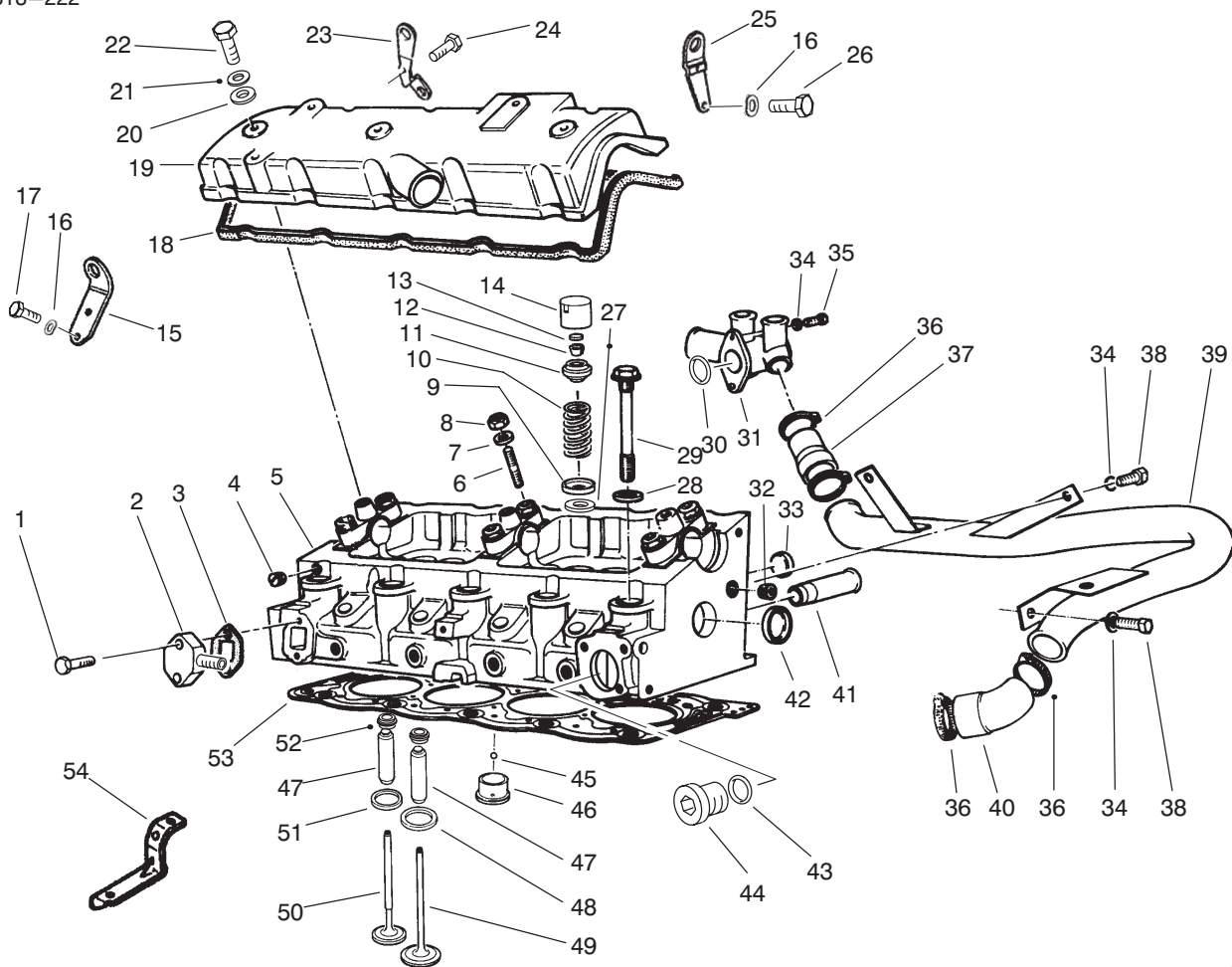


T-2148A

## CYLINDER HEAD ASSEMBLY

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

\*Not Illustrated

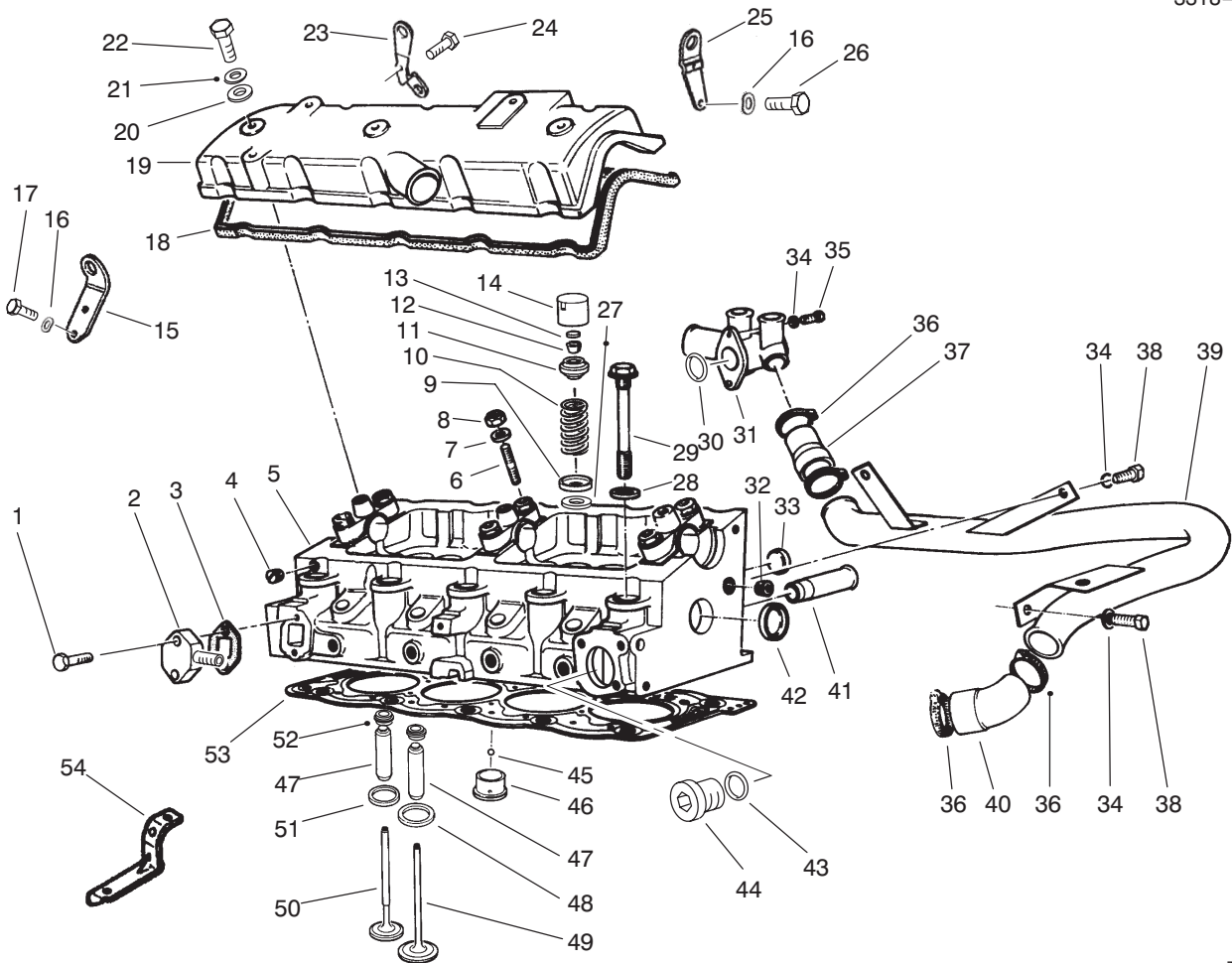


T-2148A

## CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
13	74-6980	Insert - Valve (3.050mm)	8	14	74-6540	Tappet - Valve	8
*	74-6990	Insert - Valve (3.075mm)	8	15	94-3135	Bracket - Lifting	1
*	74-7000	Insert - Valve (3.100mm)	8	16	74-7560	Washer - Spring	3
*	74-7010	Insert - Valve (3.125mm)	8	17	76-5470	Screw	2
*	74-7020	Insert - Valve (3.150mm)	8	18	74-7630	Gasket - Valve Cover	1
*	74-7030	Insert - Valve (3.175mm)	8	19	74-7640	Cover - Valve	1
*	74-7040	Insert - Valve (3.200mm)	8	20	74-7650	Washer - Flat	3
*	74-7050	Insert - Valve (3.225mm)	8	21	94-3125	Washer	3
*	74-7060	Insert - Valve (3.250mm)	8	22	94-3124	Bolt - Valve Cover	3
*	74-7070	Insert - Valve (3.275mm)	8	23	94-3136	Bracket - Lifting	1
*	74-7080	Insert - Valve (3.300mm)	8	24	94-3138	Screw	1
*	74-7090	Insert - Valve (3.325mm)	8	25	94-3137	Bracket - Lifting	1
*	74-7100	Insert - Valve (3.350mm)	8	26	94-3139	Screw	1
*	74-7110	Insert - Valve (3.375mm)	8	27	94-3174	Washer	8
*	74-7120	Insert - Valve (3.400mm)	8	28	74-7270	Washer - Flat	10
*	74-7130	Insert - Valve (3.425mm)	8	29	74-7260	Bolt - Head	10
*	74-7140	Insert - Valve (3.450mm)	8	30	94-3197	O-Ring	1
*	74-7150	Insert - Valve (3.475mm)	8	31	94-3196	Inlet - Water	1
*	74-7160	Insert - Valve (3.500mm)	8	32	94-3118	Plug	1
*	74-7170	Insert - Valve (3.550mm)	8	33	74-7840	Plug - 27 mm Dia.	2
*	74-7180	Insert - Valve (3.625mm)	8	*	94-3108	Plug - 27.5 mm Dia.	2
*	74-7190	Insert - Valve (3.700mm)	8	*	94-3109	Plug - 28.5 mm Dia.	2
*	74-7200	Insert - Valve (3.775mm)	8	34	68-9420	Washer - Lock	5
*	74-7210	Insert - Valve (3.850mm)	8	35	48-9460	Screw - Cap Hex. Hd.	2
*	74-7220	Insert - Valve (3.925mm)	8	36	2412-129	Clamp - Hose	4
*	74-7230	Insert - Valve (4.000mm)	8	37	94-3200	Hose - By-Pass	1

\*Not Illustrated

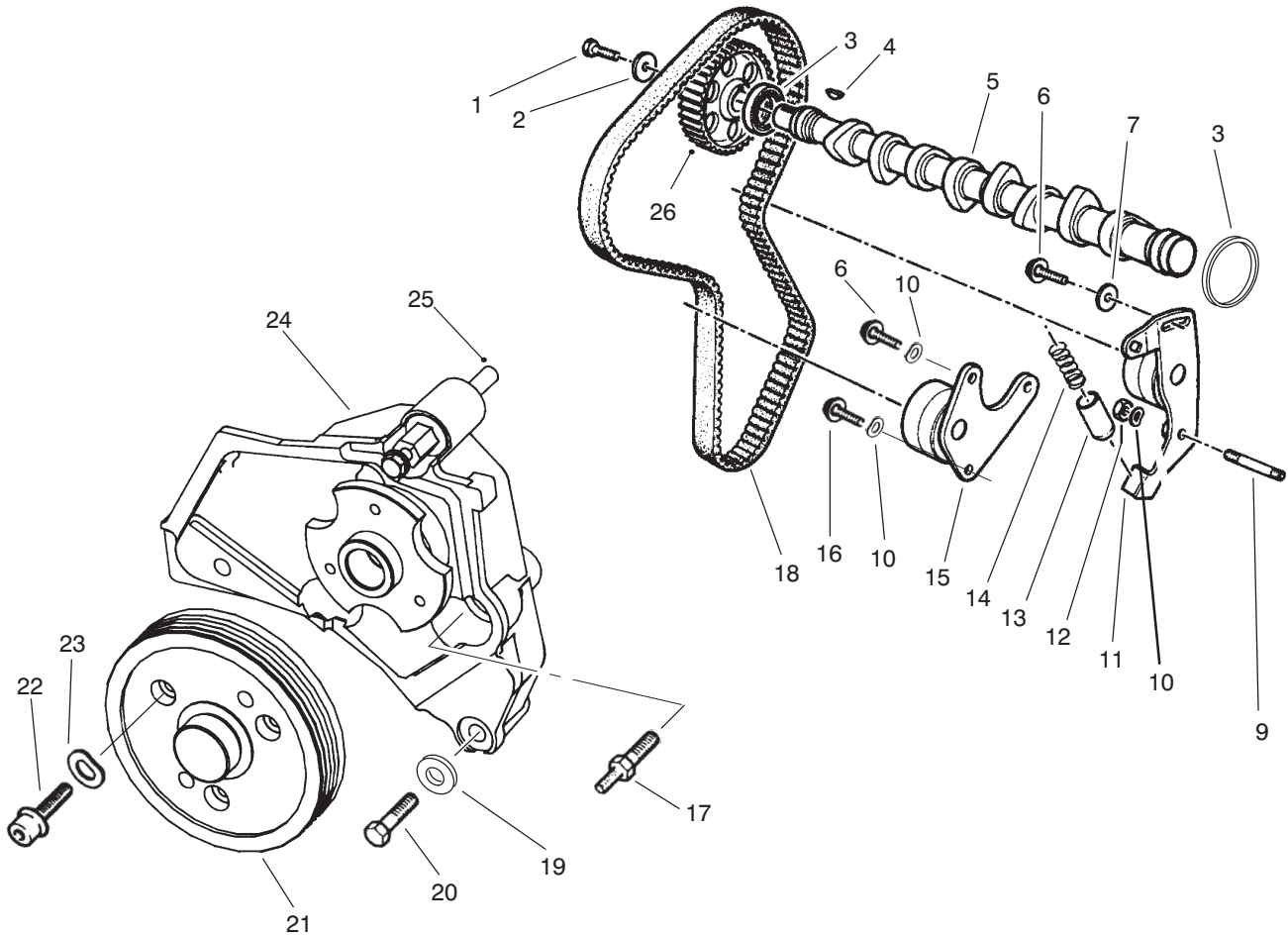


T-2148A

## CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
38	48-7700	Screw – Cap Hex. Hd.	3	49	74-7480	Valve – Intake	4
39	94-3199	Pipe – By-Pass	1	50	92-7794	Valve – Exhaust	4
40	94-3201	Hose – By-Pass	1	51	92-7795	Seat – Exhaust Valve (34.5mm)	4
41	74-7400	Tube	1	52	92-7791	Seal – Valve	8
42	74-7840	Plug	2	53	74-7530	Gasket – Head (1.61 mm)	1
43	94-3122	Gasket	1	*	74-7540	Gasket – Head (1.73 mm)	1
44	94-3121	Plug	1	*	94-3114	Gasket – Head (1.83 mm)	1
45	74-7420	Ball	4	54	94-3120	Bracket	1
46	74-7430	Chamber – Turbulence (32.45mm)	4	*	74-7670	Head Bolt & Washer Set (Incl. Ref. #28 & 29)	1
*	74-7440	Chamber – Turbulence (32.65mm)	4	*	94-3119	Kit – Gasket	1
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				

\*Not Illustrated

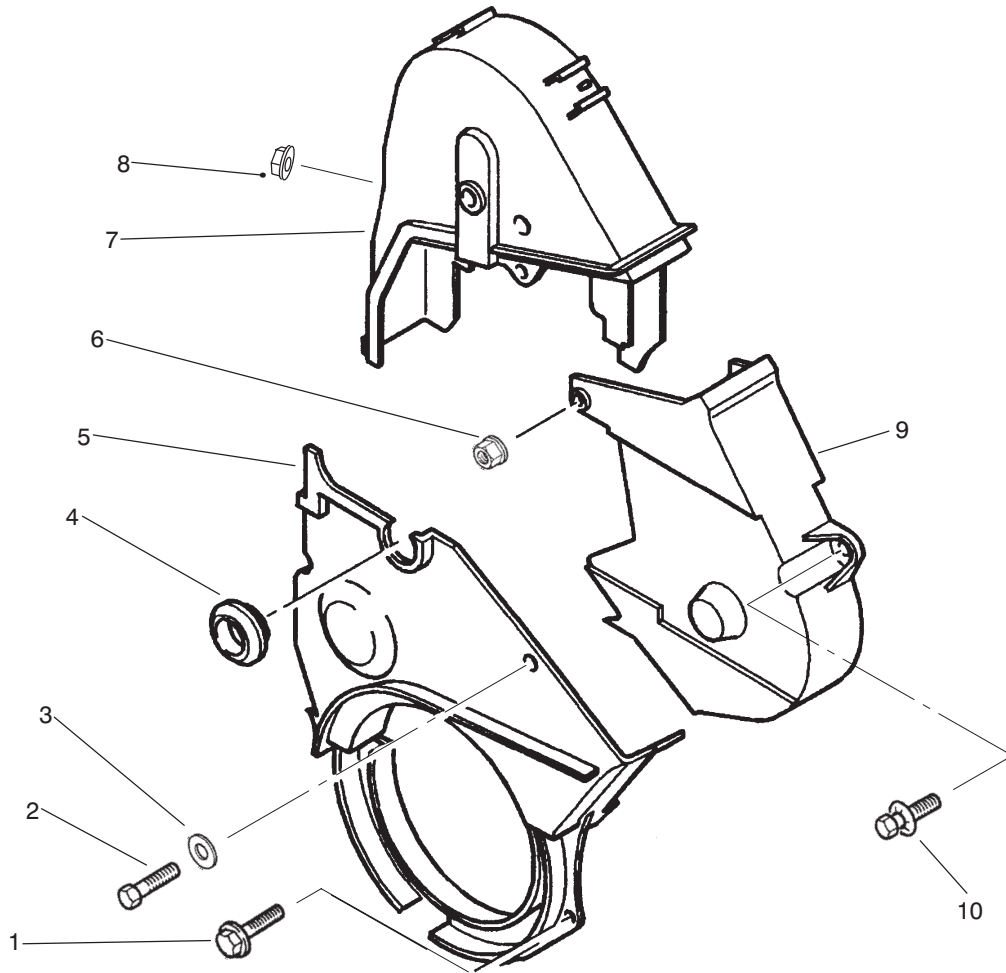


T-2141

## 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

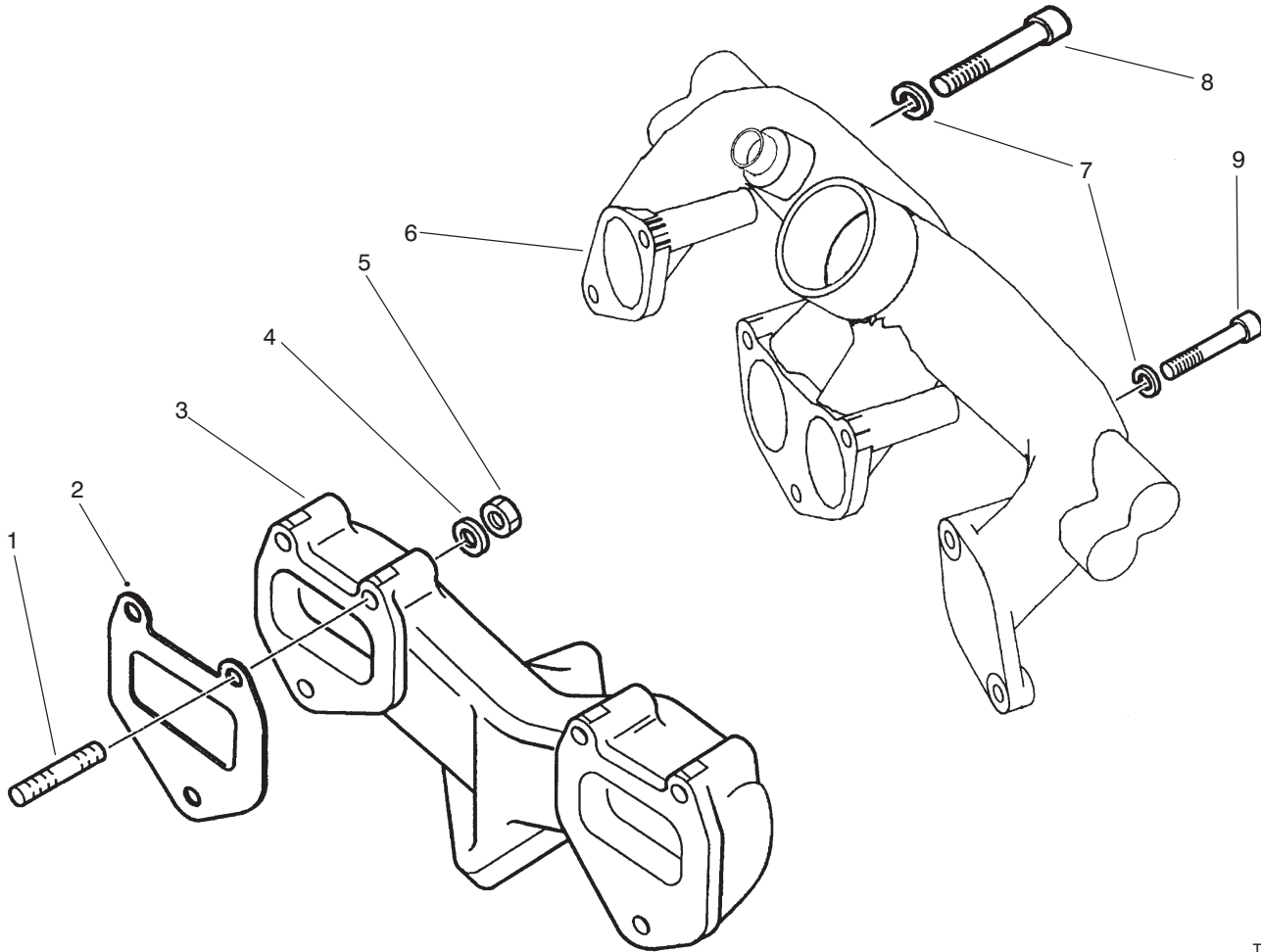


T-2140

## 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

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



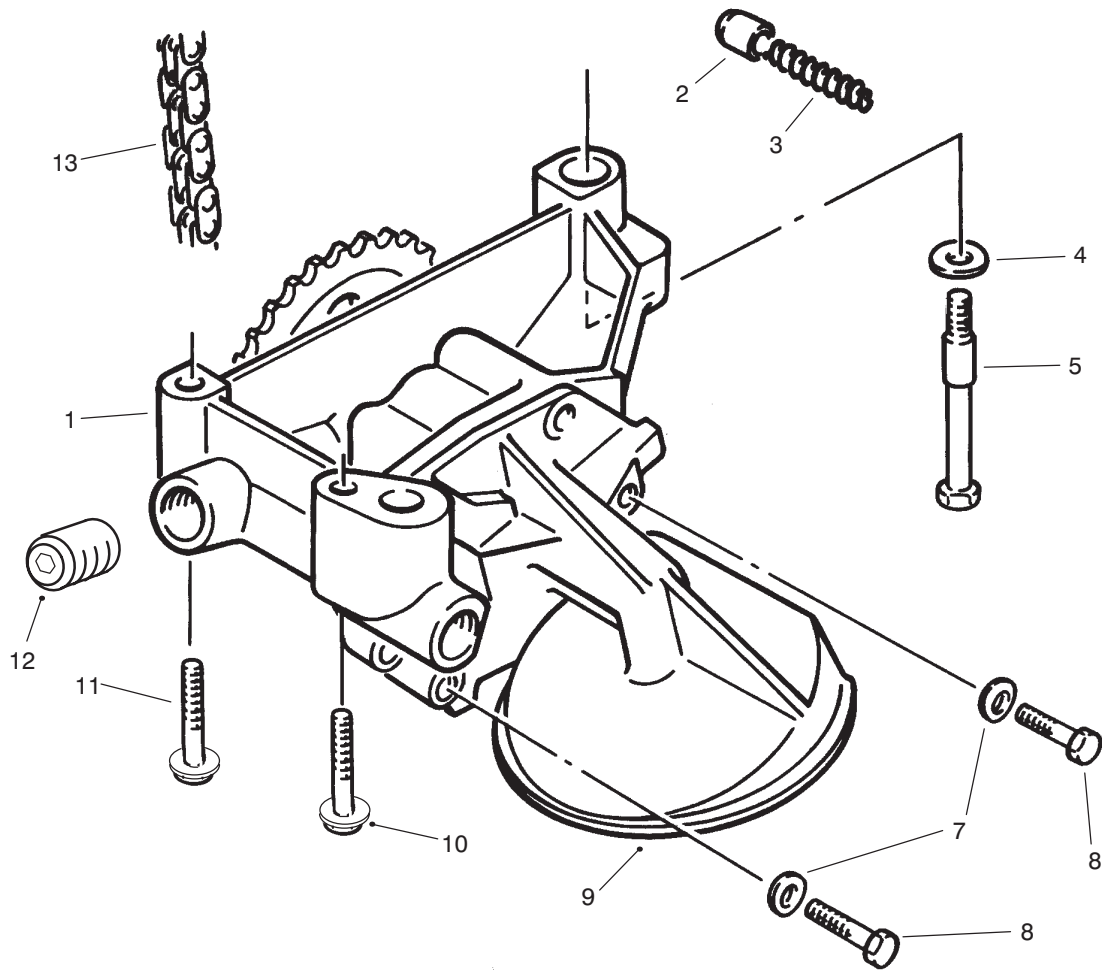
T-2149

## 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

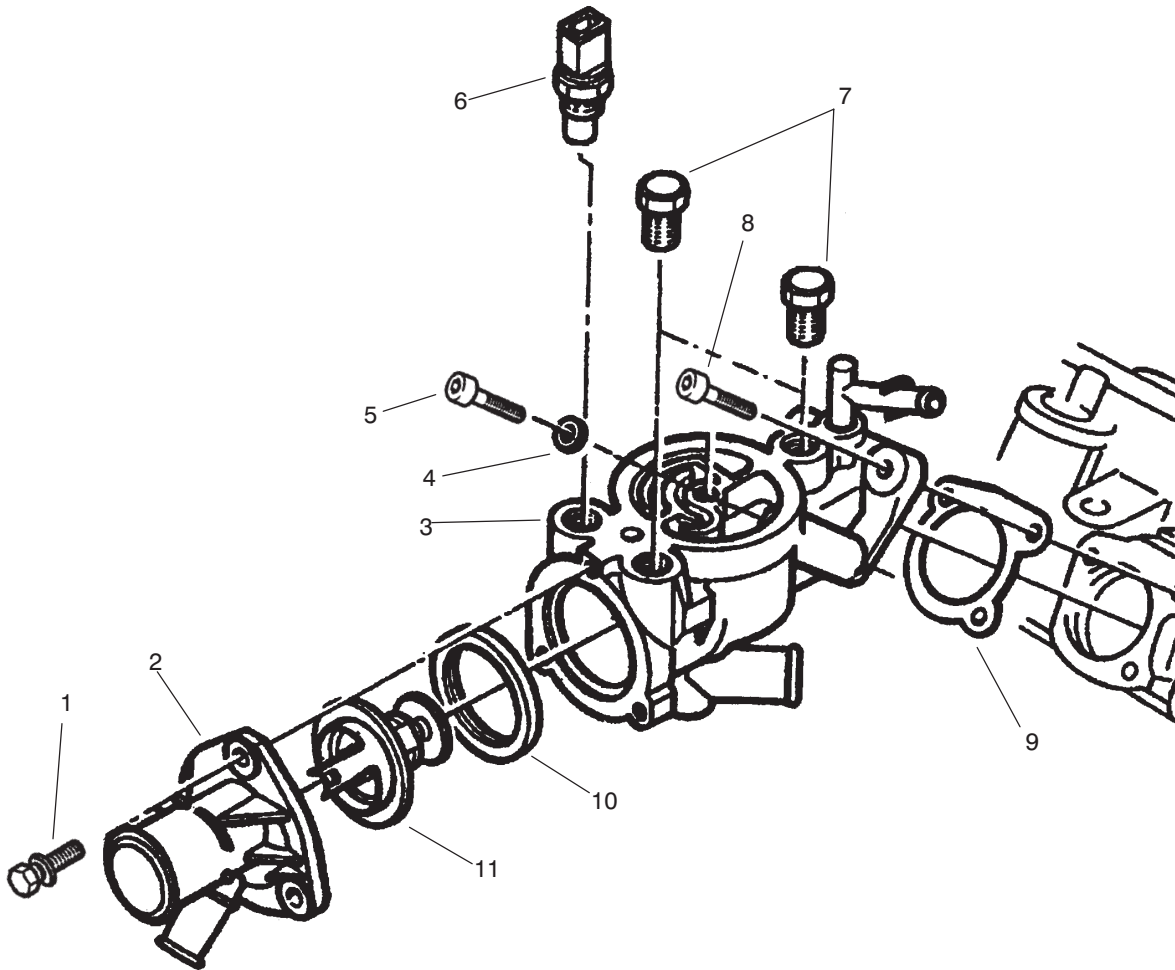
\*Not Illustrated



T-0964B

## OIL PUMP ASSEMBLY

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

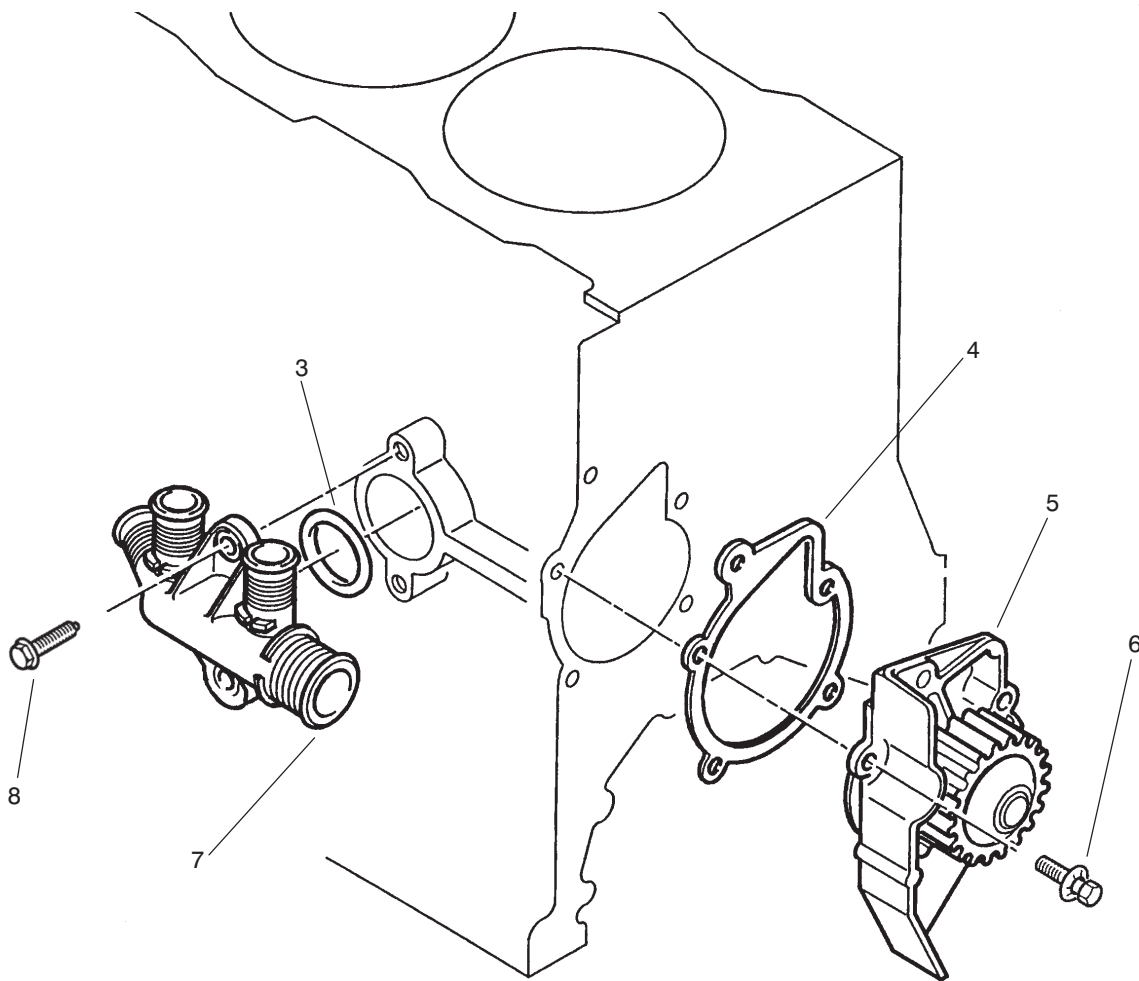


T-2143

### 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

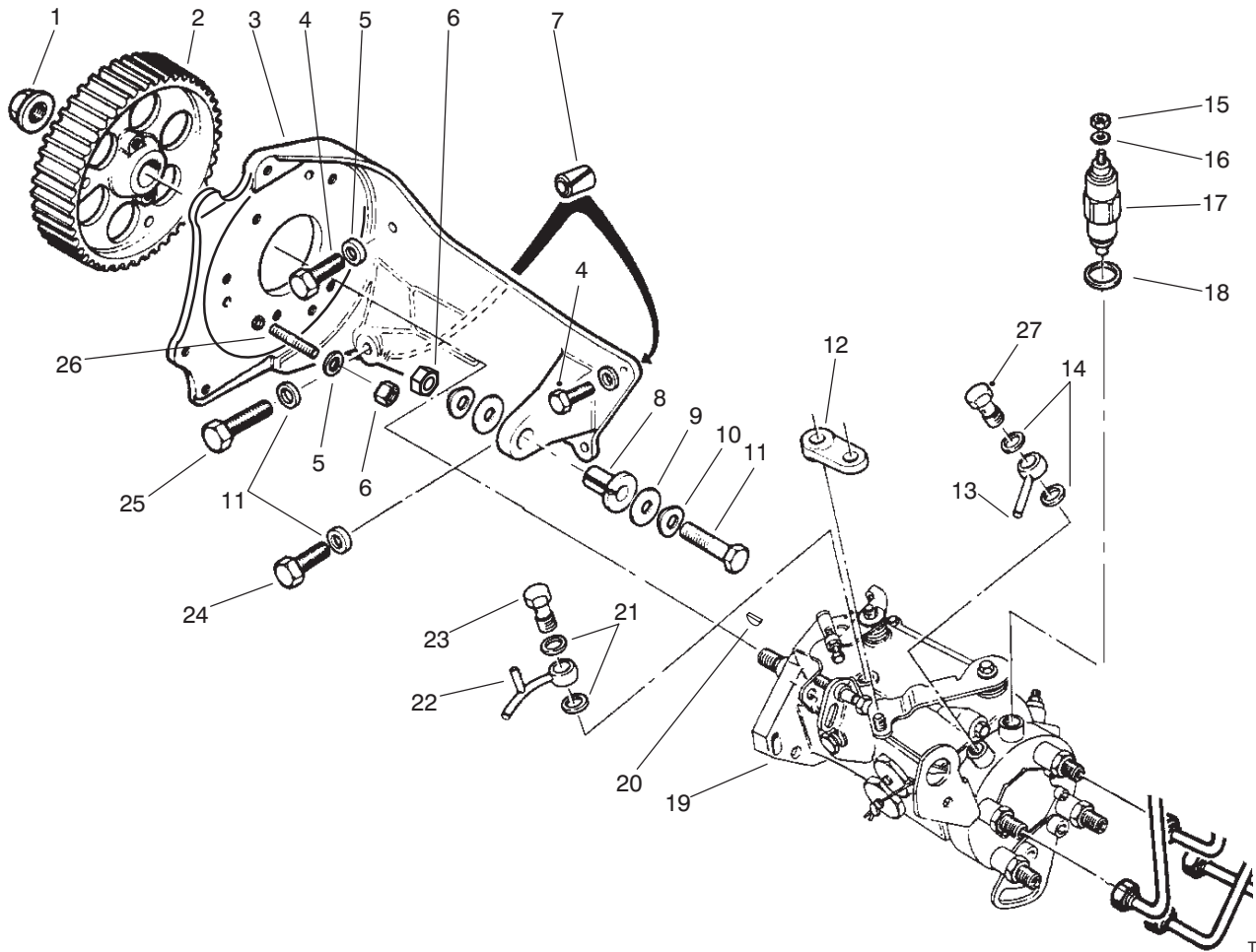


T-2144A

### 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

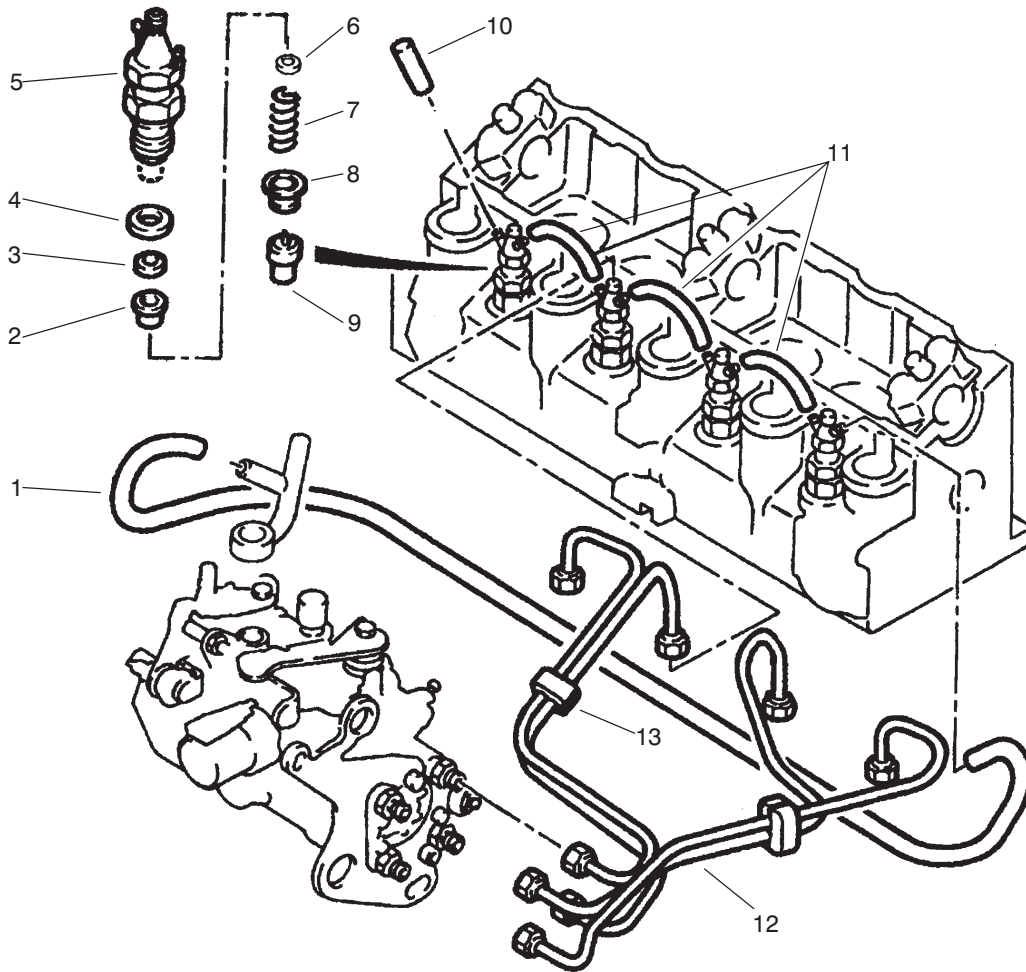


T-2146

## 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

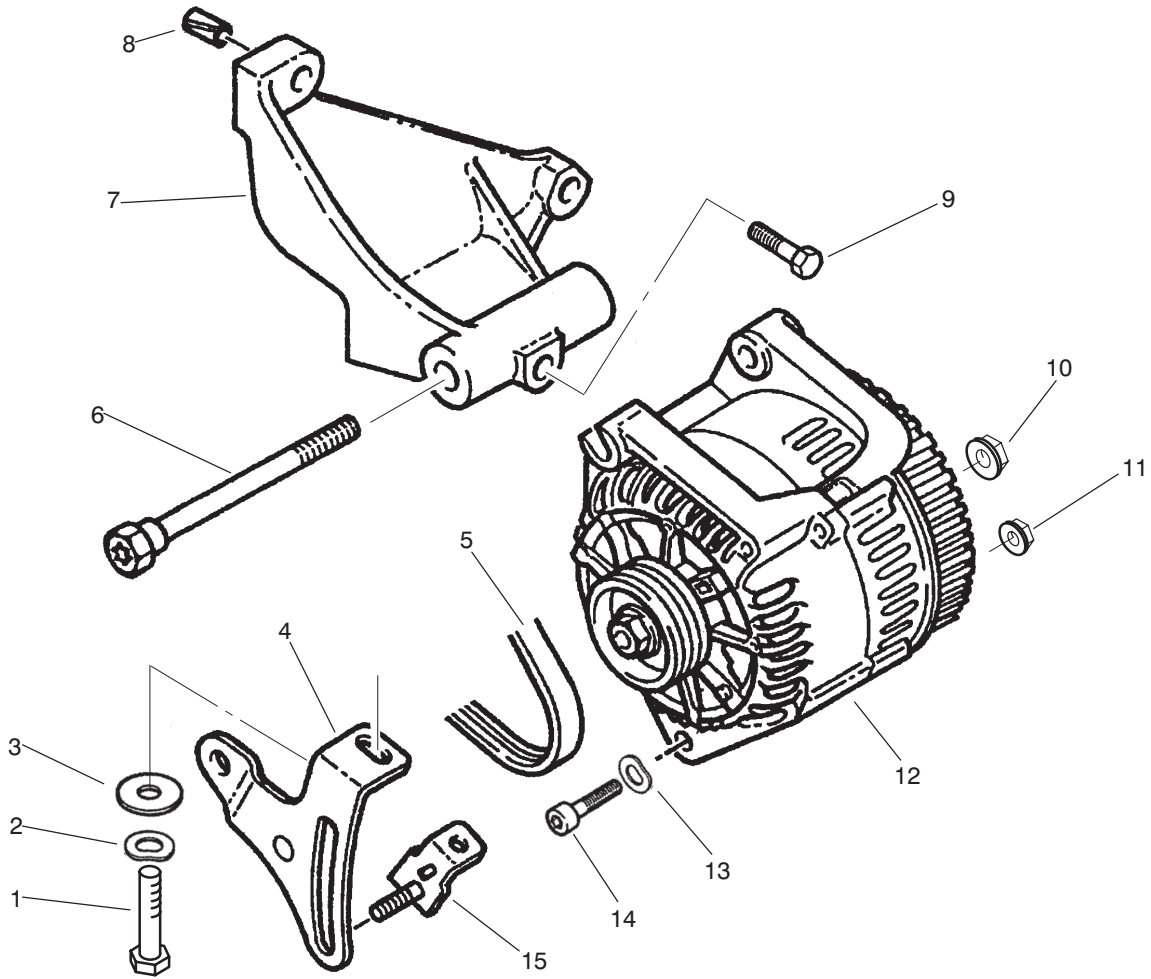


T-2145

## FUEL INJECTOR ASSEMBLY

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

\*Not Illustrated

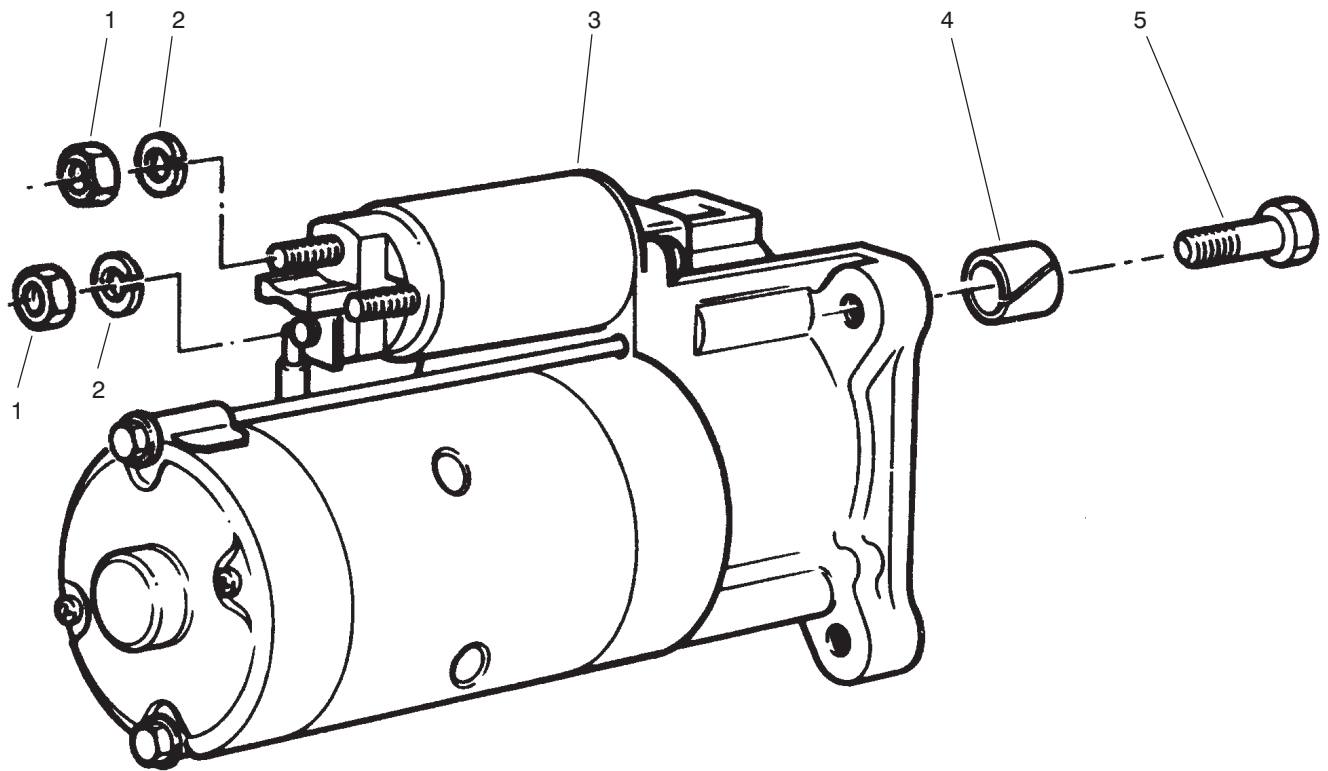


T-2147

## ALTERNATOR ASSEMBLY

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

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



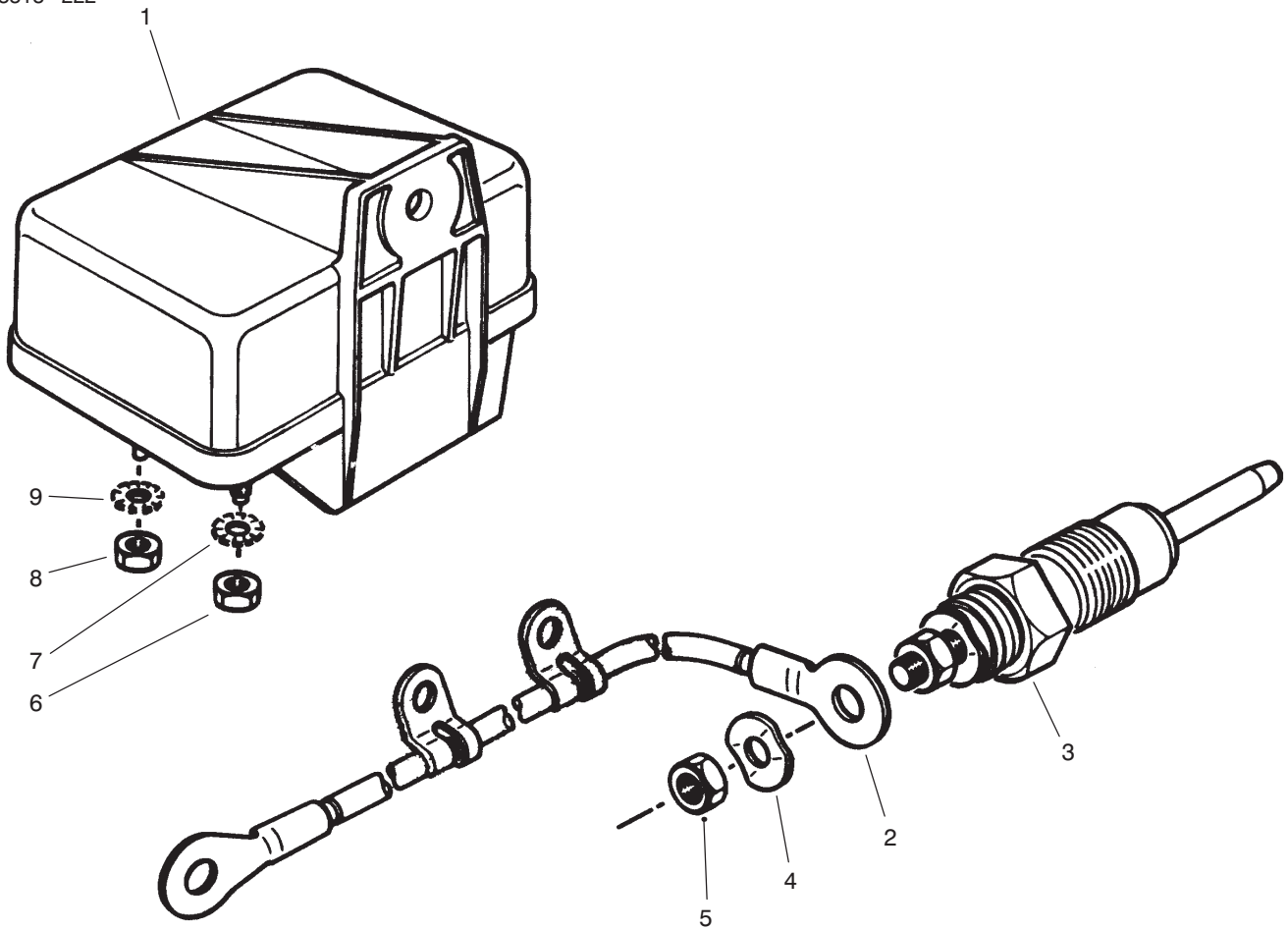
T-0968A

## 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

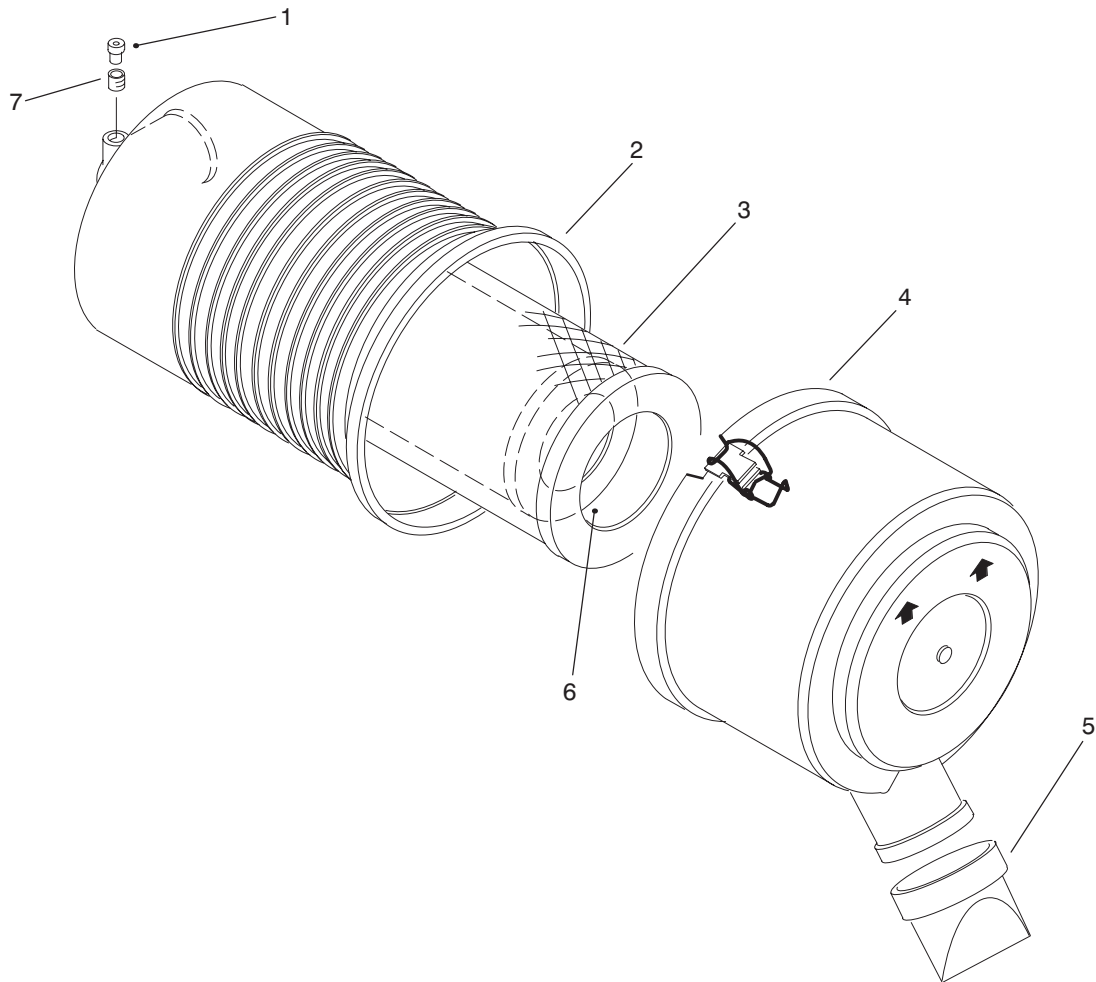


T-0972A

## GLOW PLUG & GLOW RELAY

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

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

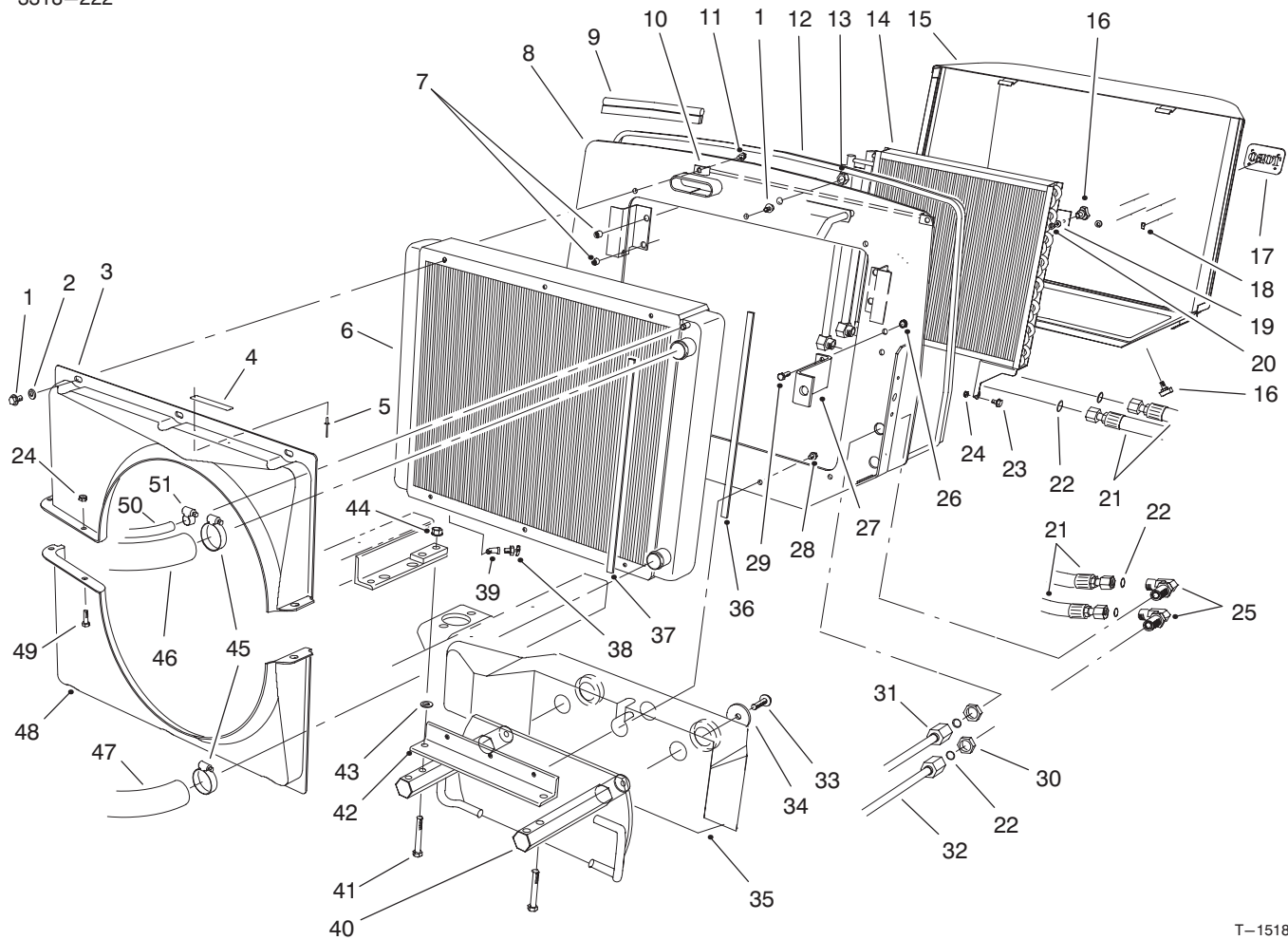


T-2076

## 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

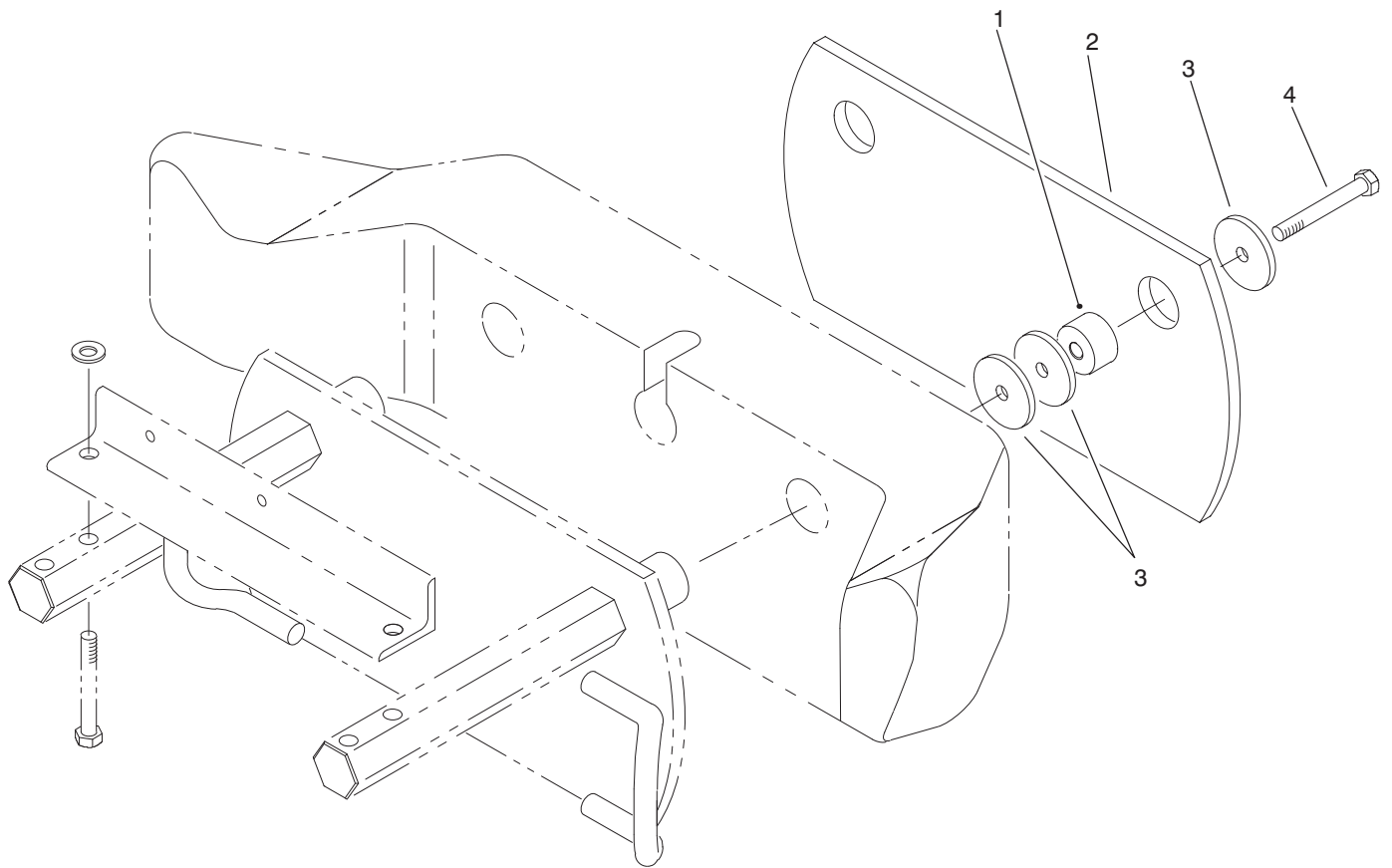


T-1518B

## 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

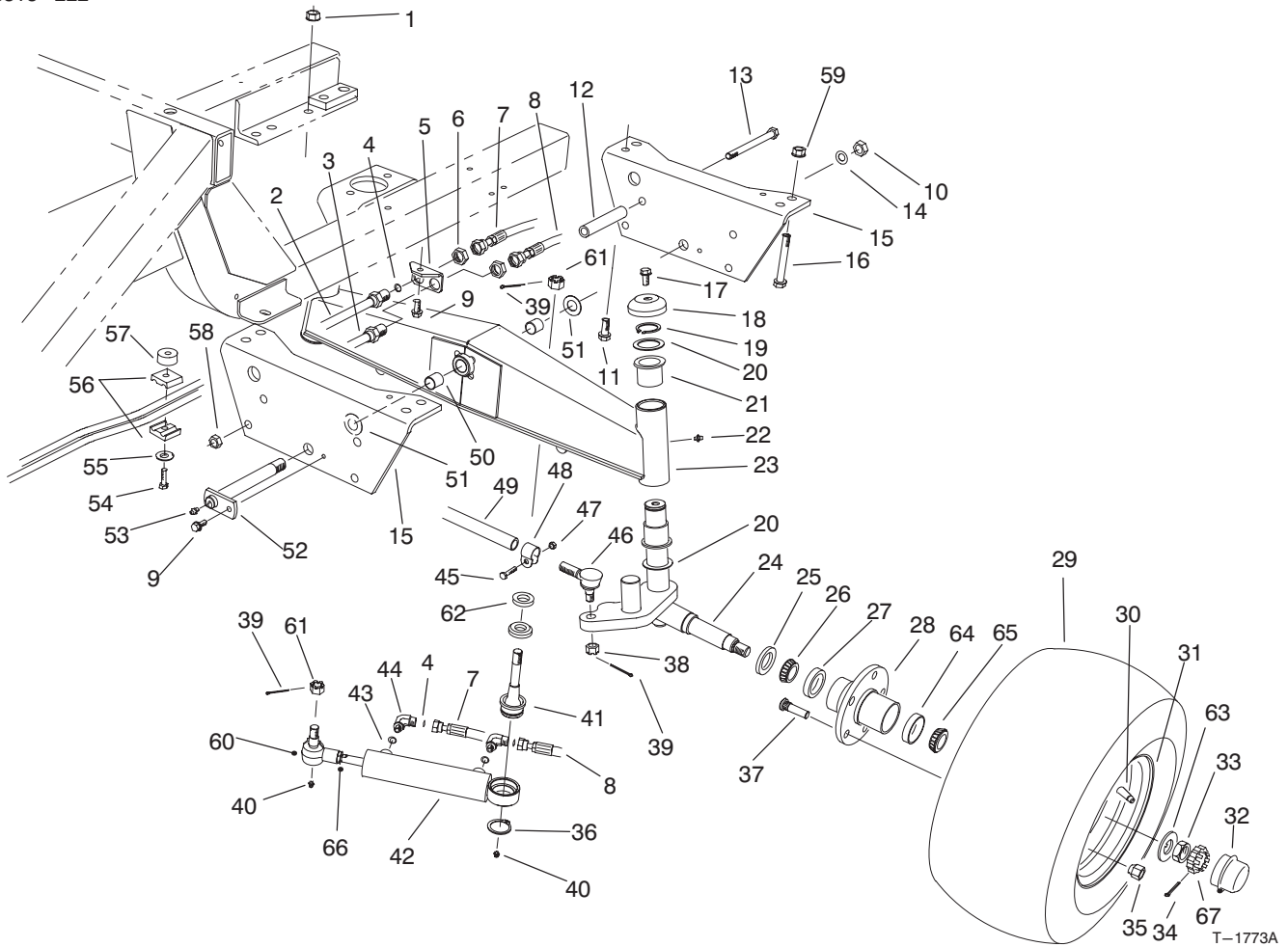


T-1946

## 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

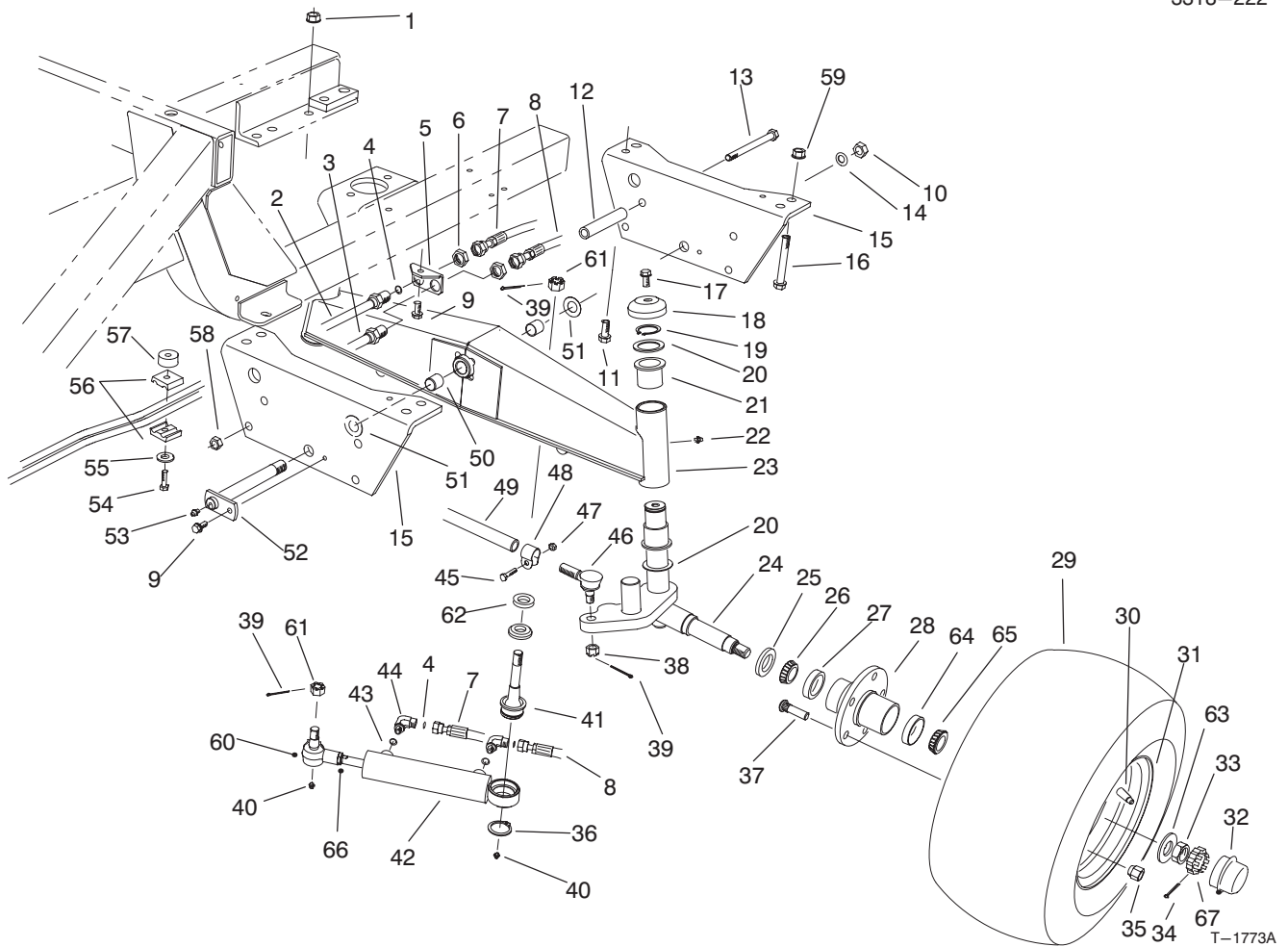


## REAR AXLE ASSEMBLY (Model No. 30450)

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

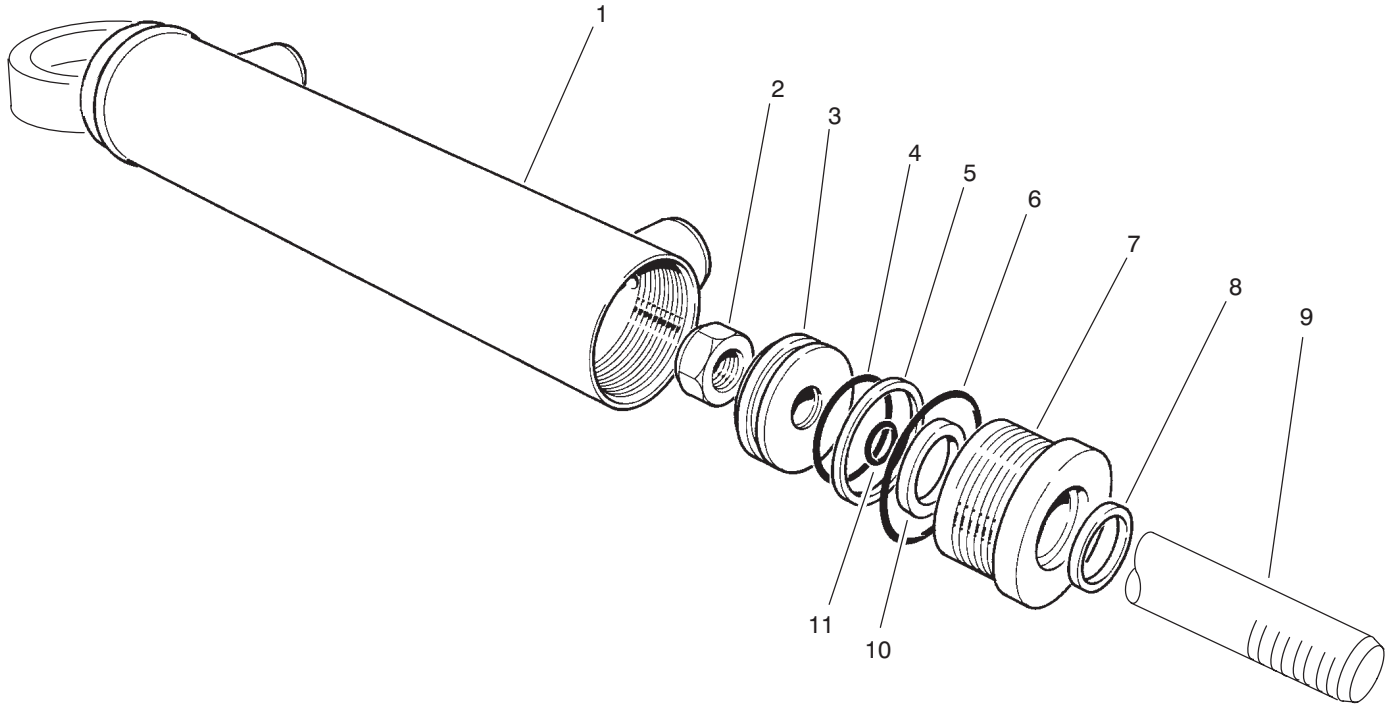


## REAR AXLE ASSEMBLY (Model No. 30450) (Continued)

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



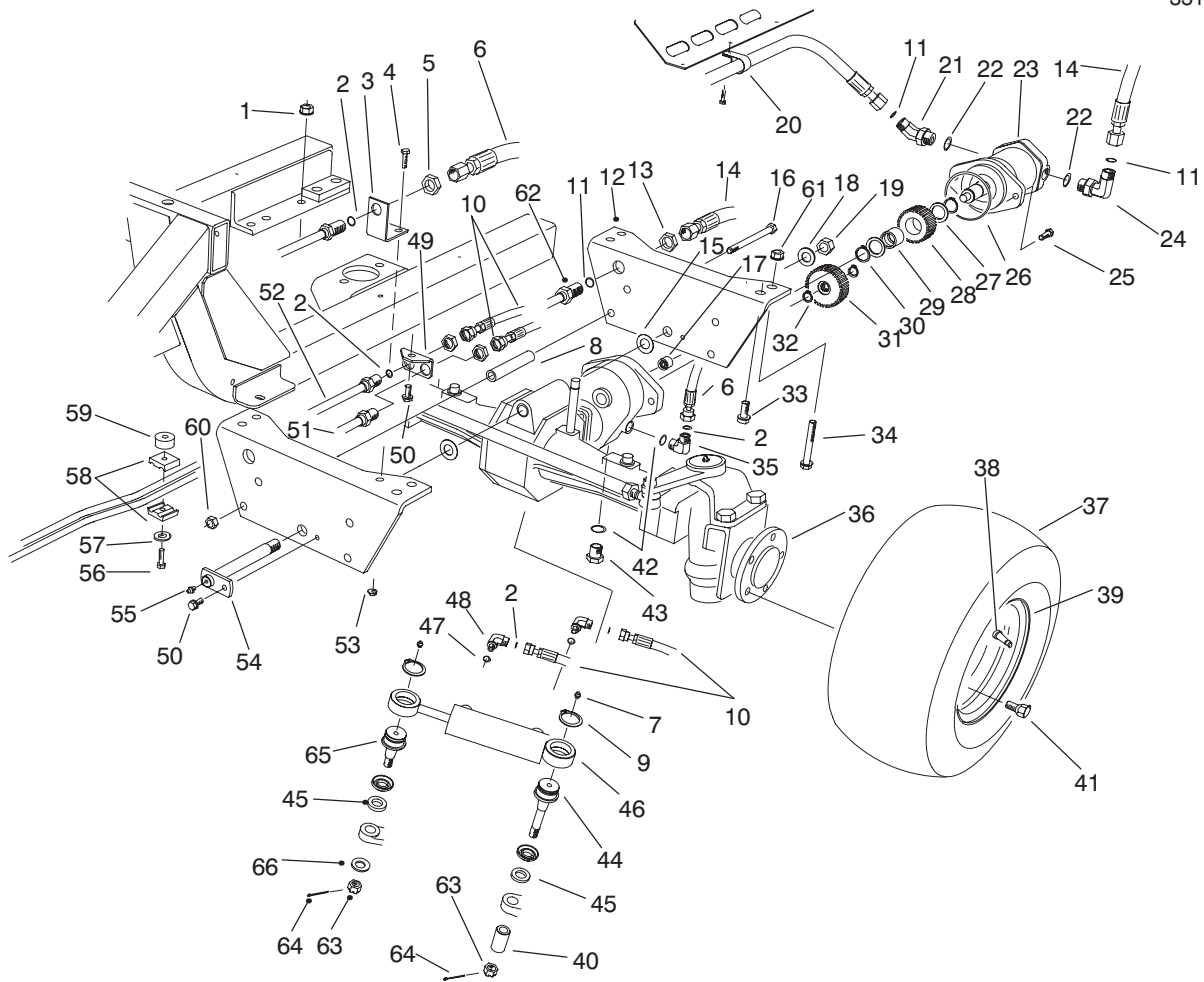
T-1775

## 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

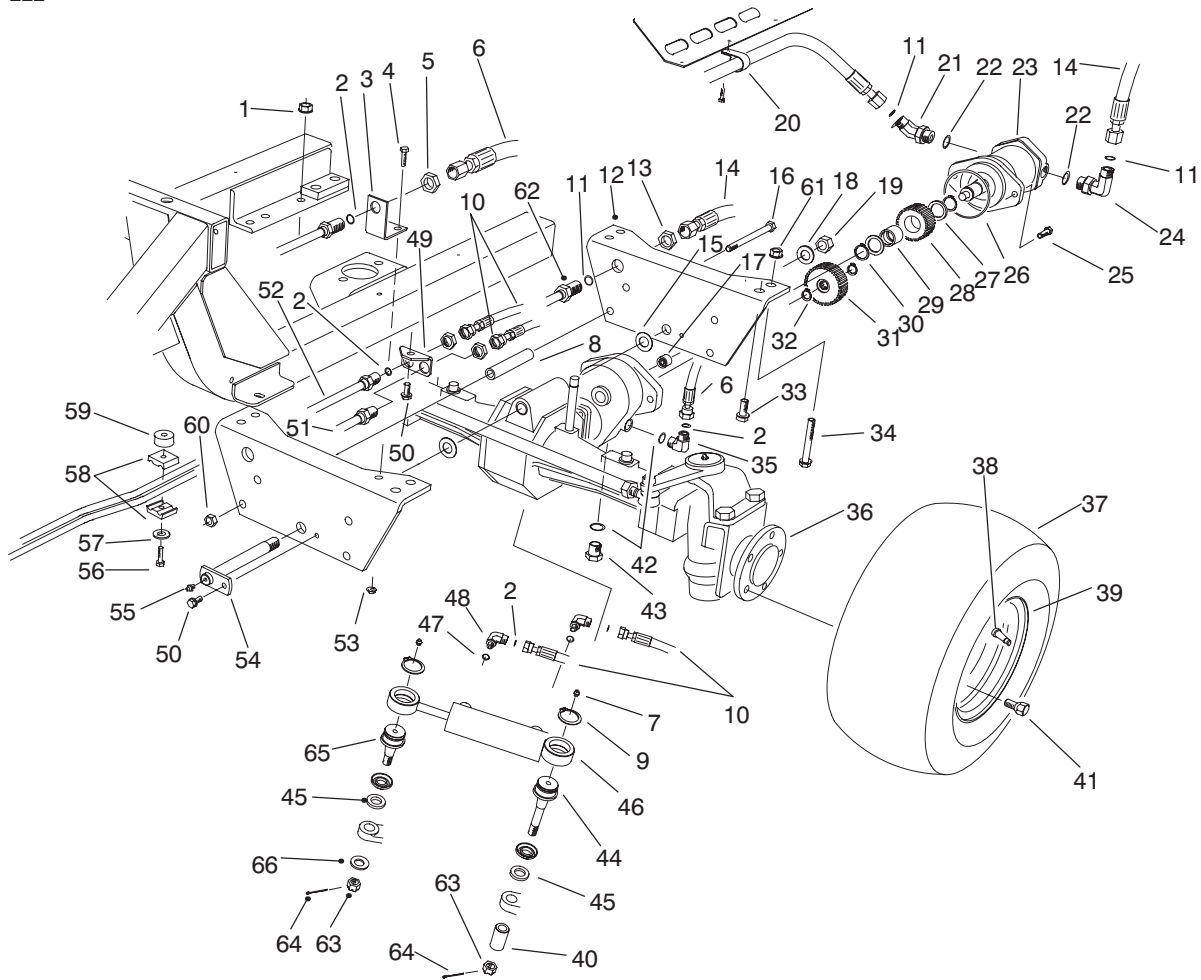
\*Not Illustrated



T-1774

## REAR AXLE ASSEMBLY (Model No. 30455)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32128-23	Nut - Flange Lock	6	26	237-166	O-Ring	1
2	237-22	Seal - O-Ring	6	27	71-4590	Washer - Thrust	2
3	76-9290	Bracket - Bulkhead	1	28	92-5825	Gear - Motor	1
4	3234-4	Screw - Cap Hex. Hd.	1	29	71-4580	Roller - Clutch	1
5	340-70	Nut - Bulkhead	3	30	32151-96	Ring - Retaining	2
6	86-3140	Hose - Hydraulic	1	31	92-5826	Gear - Axle	1
7	302-5	Fitting - Grease	2	32	32120-15	Ring - Retaining	2
8	76-8350	Stop - Axle	2	33	3234-32	Screw - Hex. Flange Hd.	6
9	32151-104	Ring - Retaining	2	34	325-35	Screw - Cap Hex. Hd.	2
10	76-9590	Hose - Hydraulic	2	35	340-77	Fitting - Hydraulic	1
11	237-65	O-Ring	9	36	74-5621	Axle - 4wd	1
12	84-1170	Plate - Axle	2	37	86-5910	Tire	2
13	340-74	Nut - Bulkhead	1	38	217-125	Rim	2
14	86-2730	Hose - Hydraulic	1	39	232-27	Stem - Valve	2
15	76-6570	Washer - Thrust	2	40	92-5844	Spacer - Ball Joint	1
16	325-20	Screw - Cap Hex. Hd.	2	41	74-5500	Bolt - Wheel	10
17	74-5700	Bearing - Needle	1	42	237-42	O-Ring	2
18	3256-28	Washer - Flat	1	43	353-508	Plug	1
19	3296-51	Nut - Lock	1	44	92-5839	Ball Joint	1
20	2412-74	Clamp - R	1	45	92-5833	Spacer - Ball Joint	2
21	340-156	O-Ring	1	46	92-6584	Cylinder - Hydraulic	1
22	237-81	O-Ring	2	47	237-78	O-Ring	2
23	76-6580	Motor - Hydraulic	1	48	340-97	Fitting - Hydraulic 90°	2
24	340-139	Fitting - Hydraulic 90° (Incl. Ref. #11 & 22)	1	49	74-6450	Bracket - Bulkhead	1
25	325-4	Screw - Cap Hex. Hd.	2	50	32144-11	Screw - Hex. Washer Hd.	2

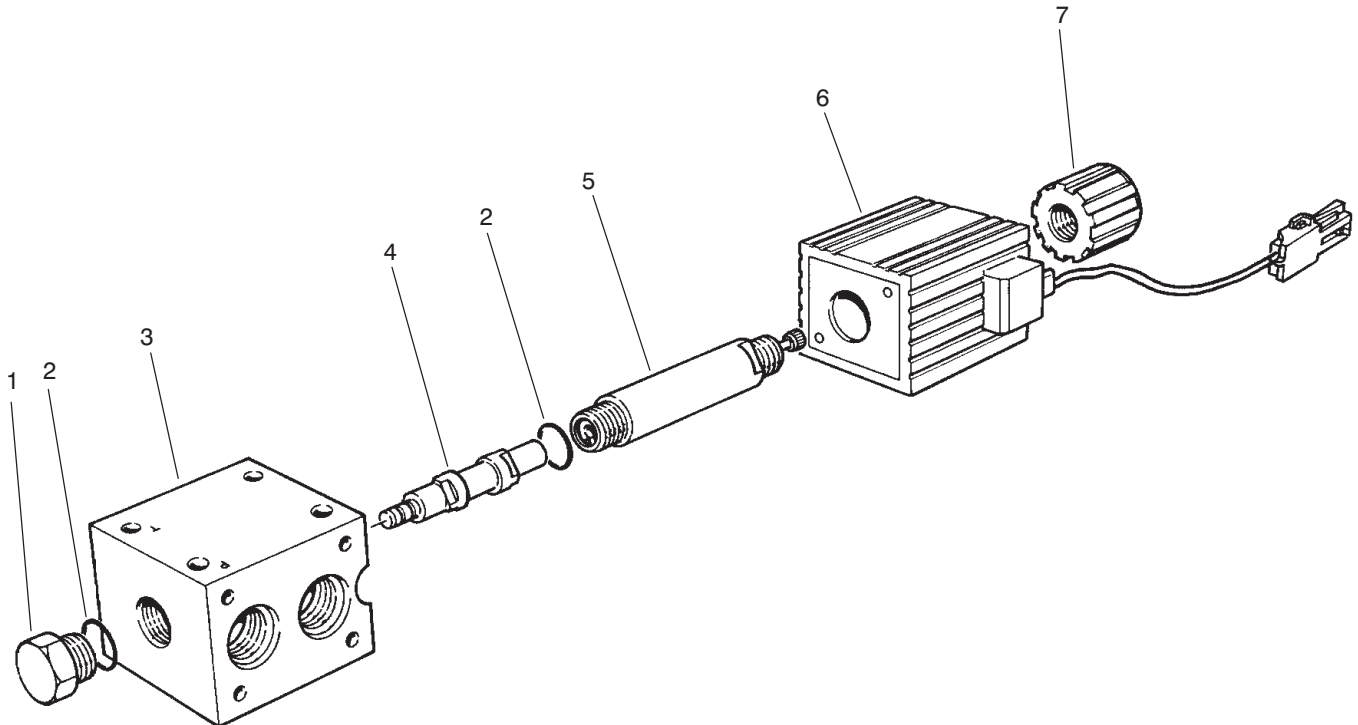


T-1774

## 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

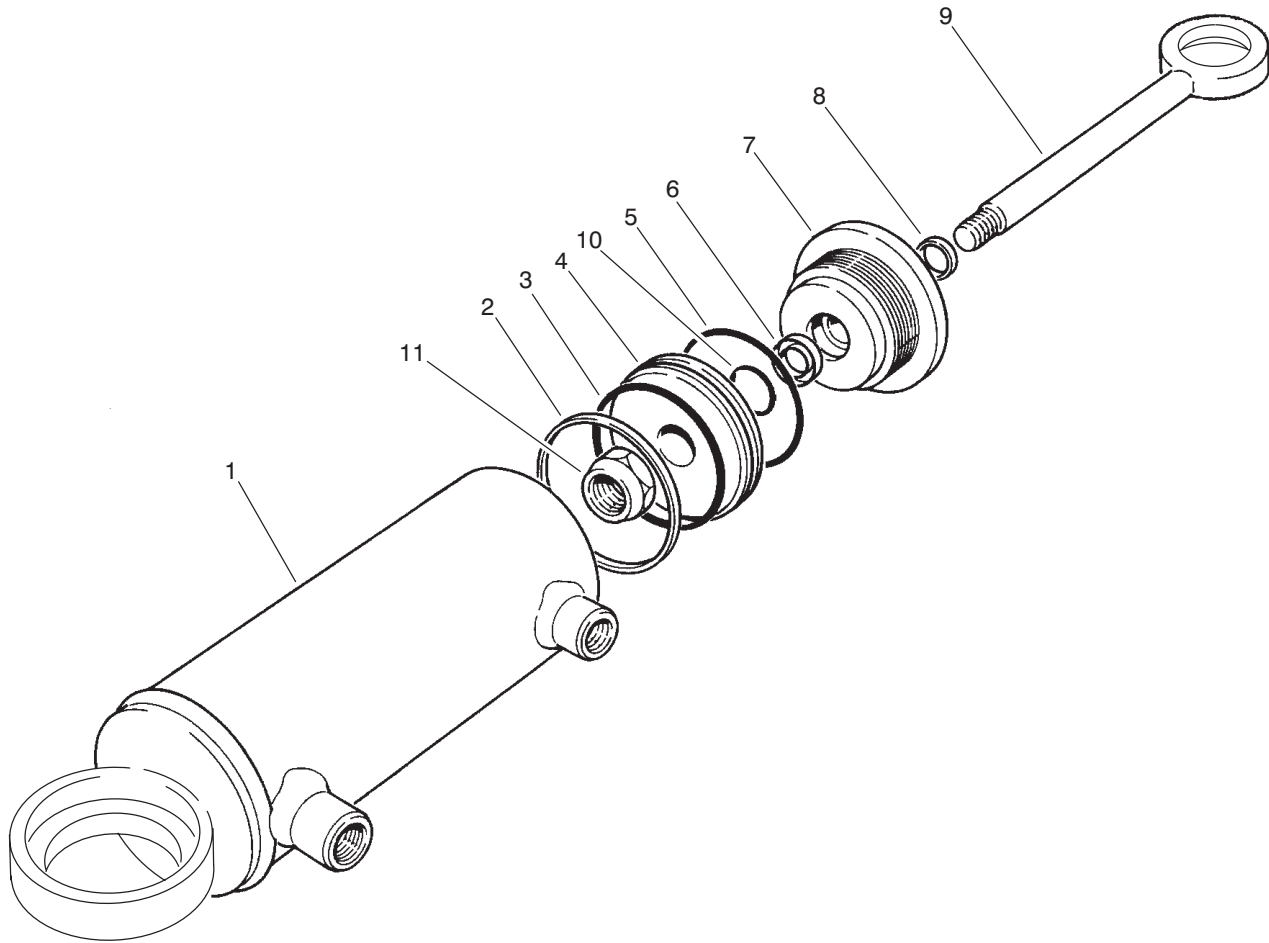


T-1126

## 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



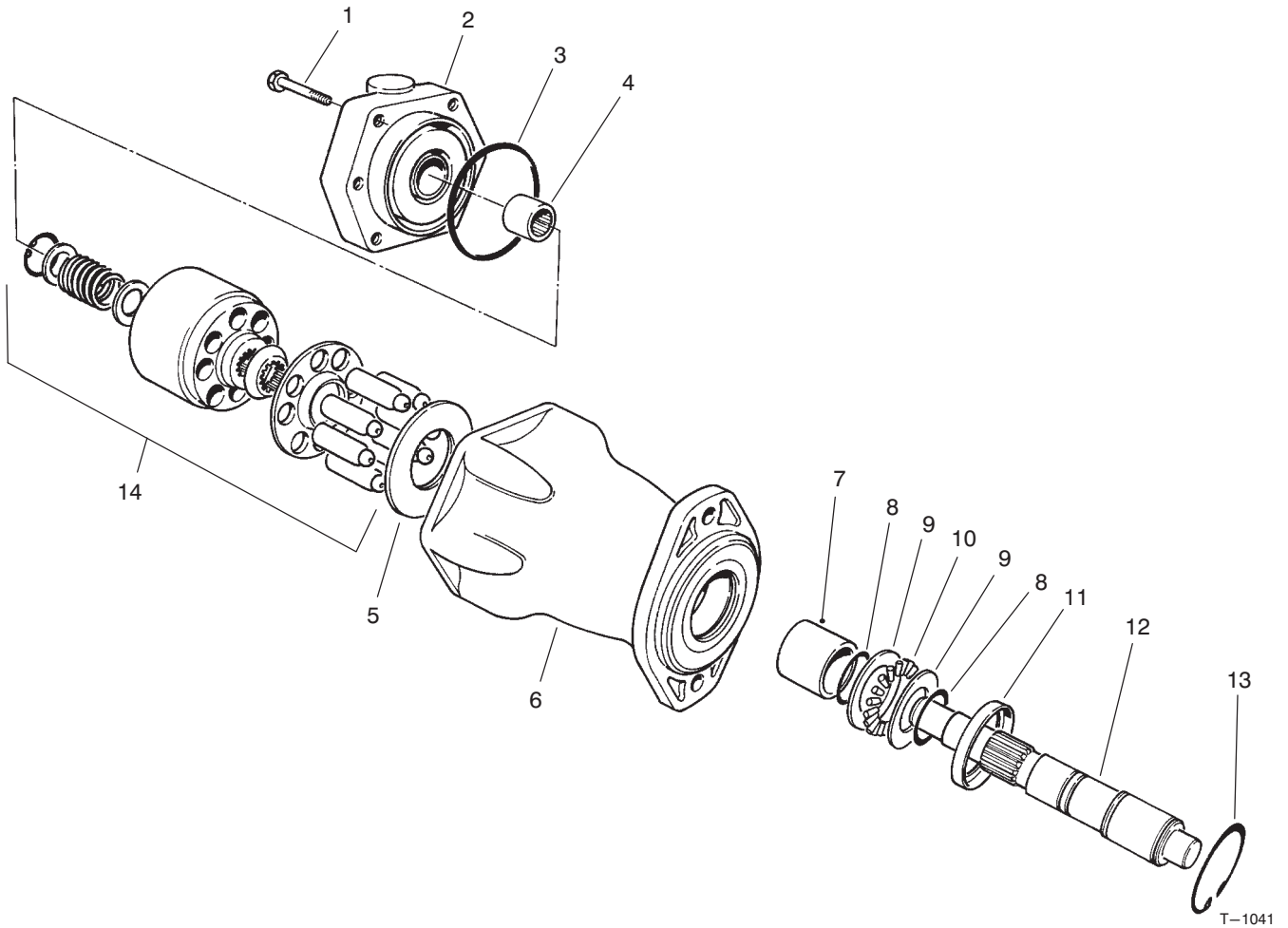
T-1776

### 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

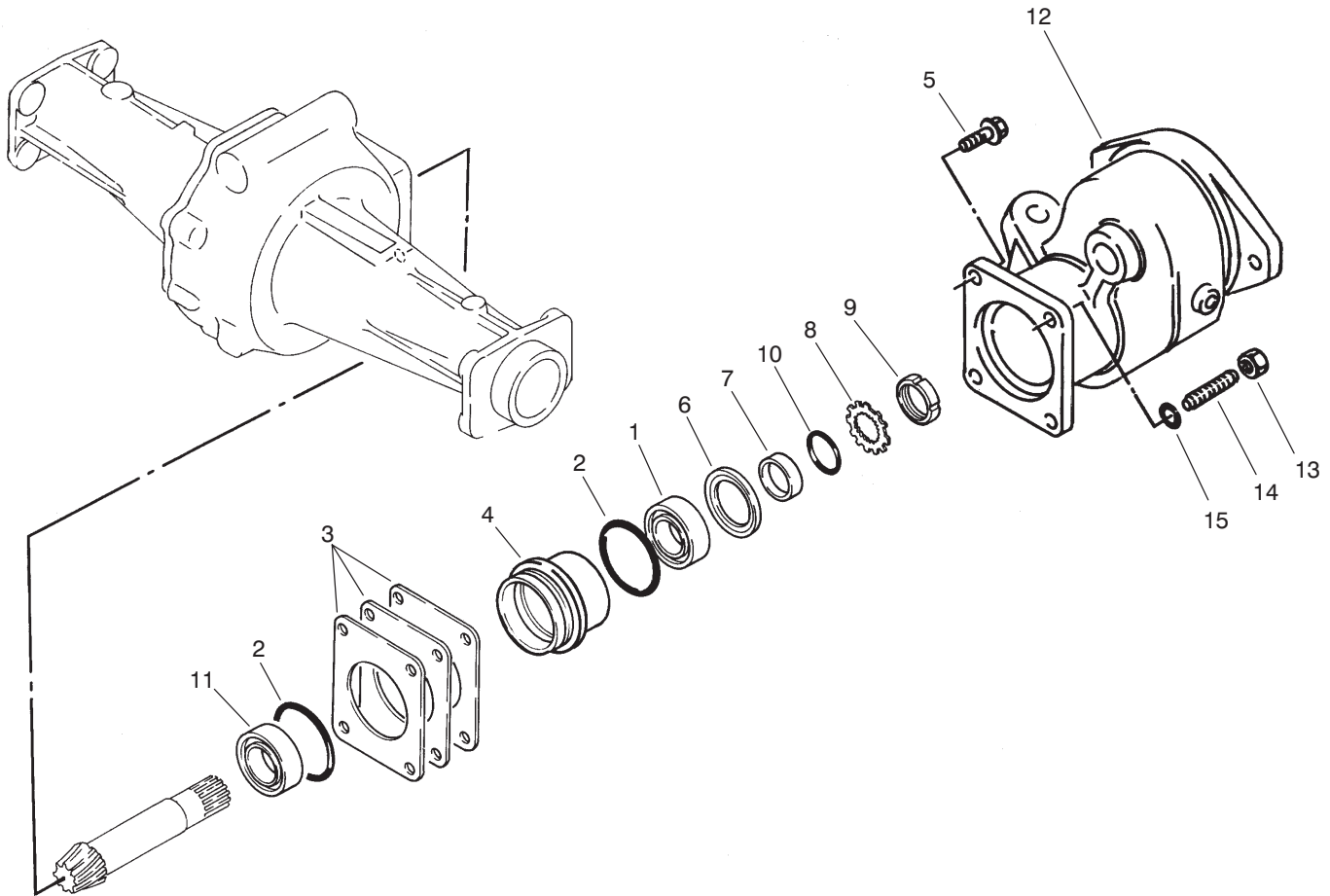
\*Not Illustrated



### 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



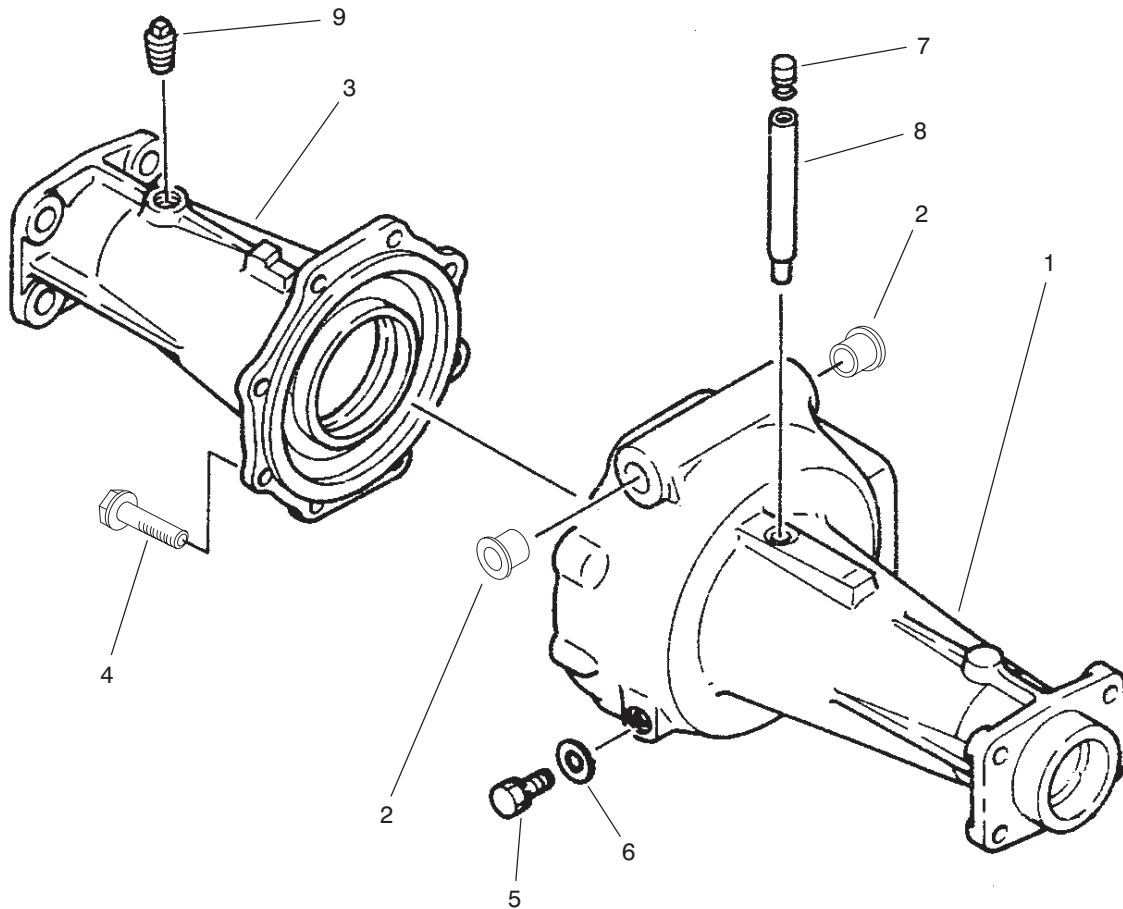
T-1109

## 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

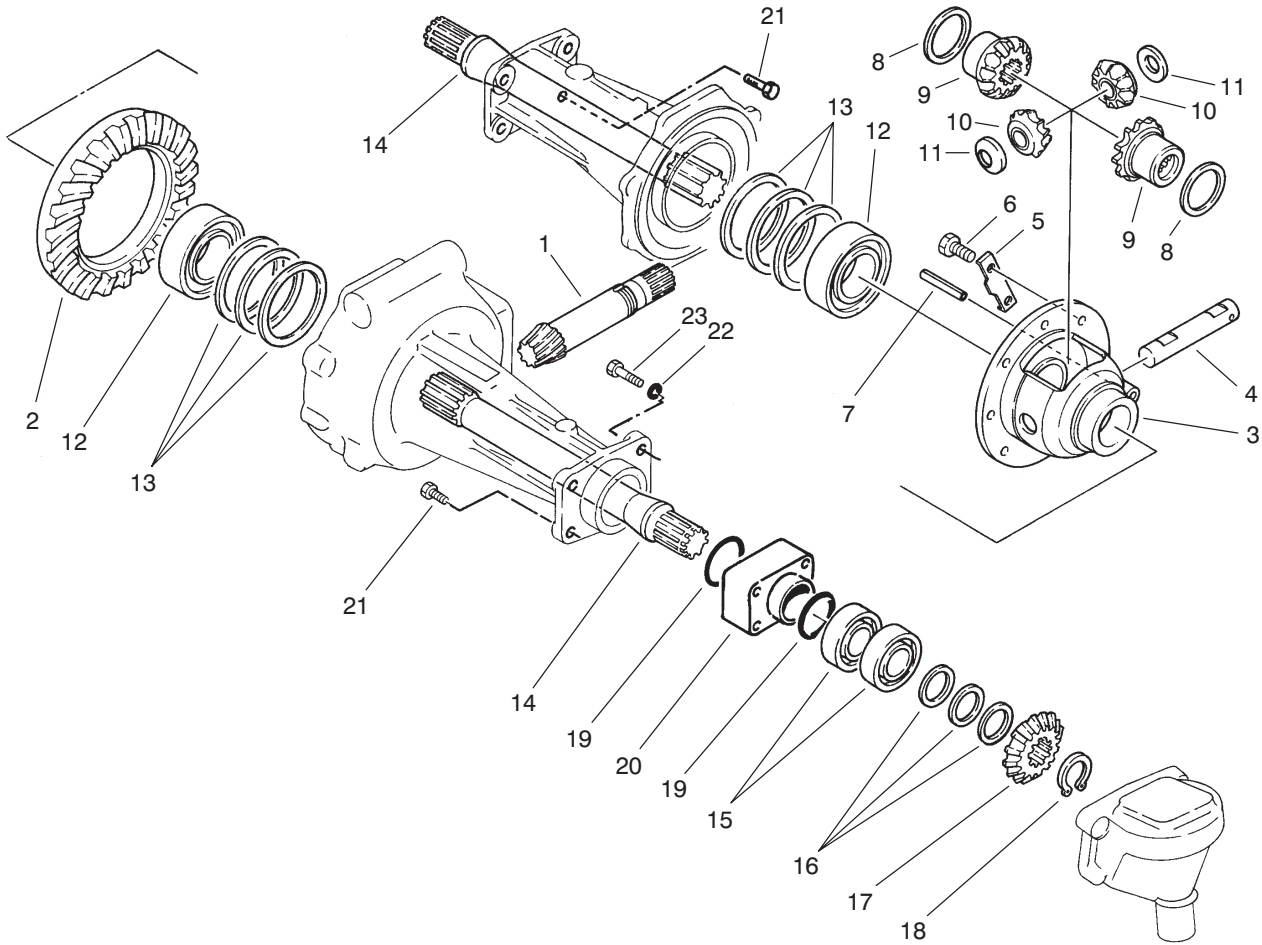
\*Not Illustrated



T-1112A

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

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-7100	Housing - Axle A	1	6	76-7120	Seal - Washer	1
2	92-9738	Bushing - Flange	2	7	76-7480	Plug - Vent	1
3	76-7130	Housing - Axle B	1	8	76-7470	Pipe	1
4	93-7773	Screw - Hex. Hd. Flange	8	9	76-7140	Plug	1
5	76-7110	Plug	1				



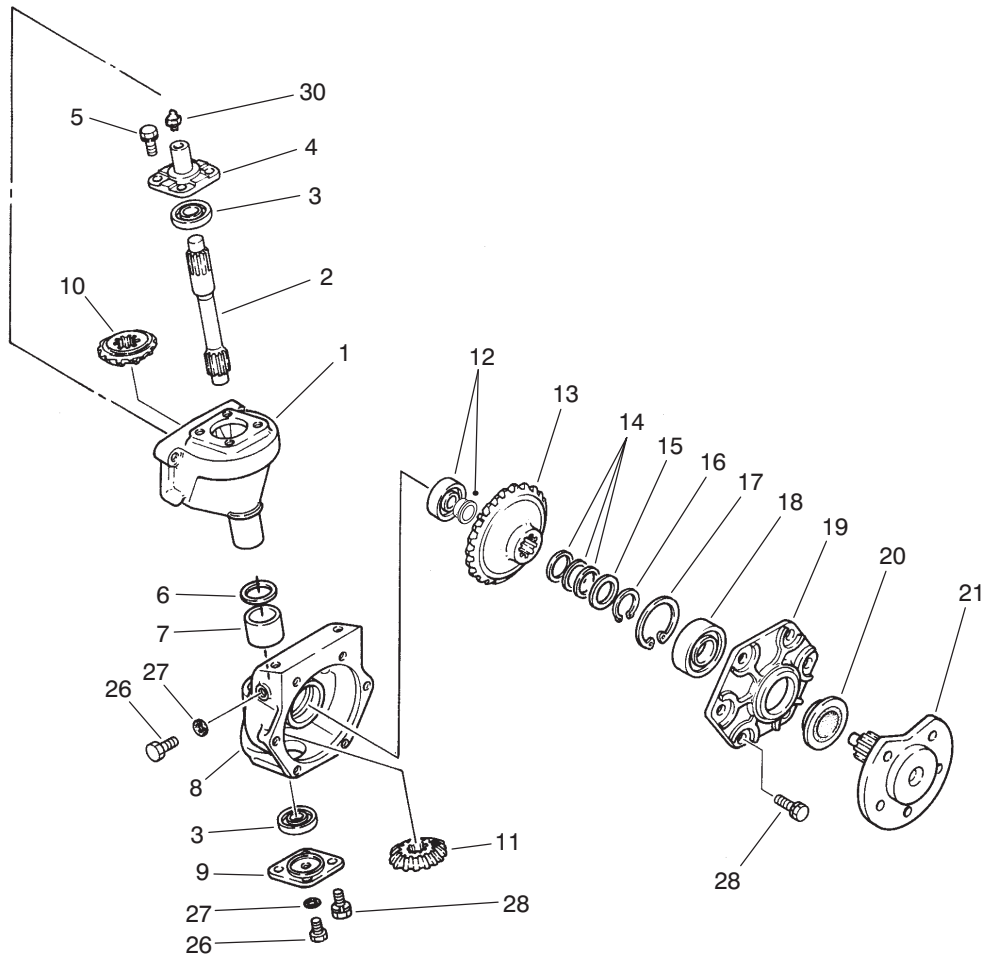
T-1111

## 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

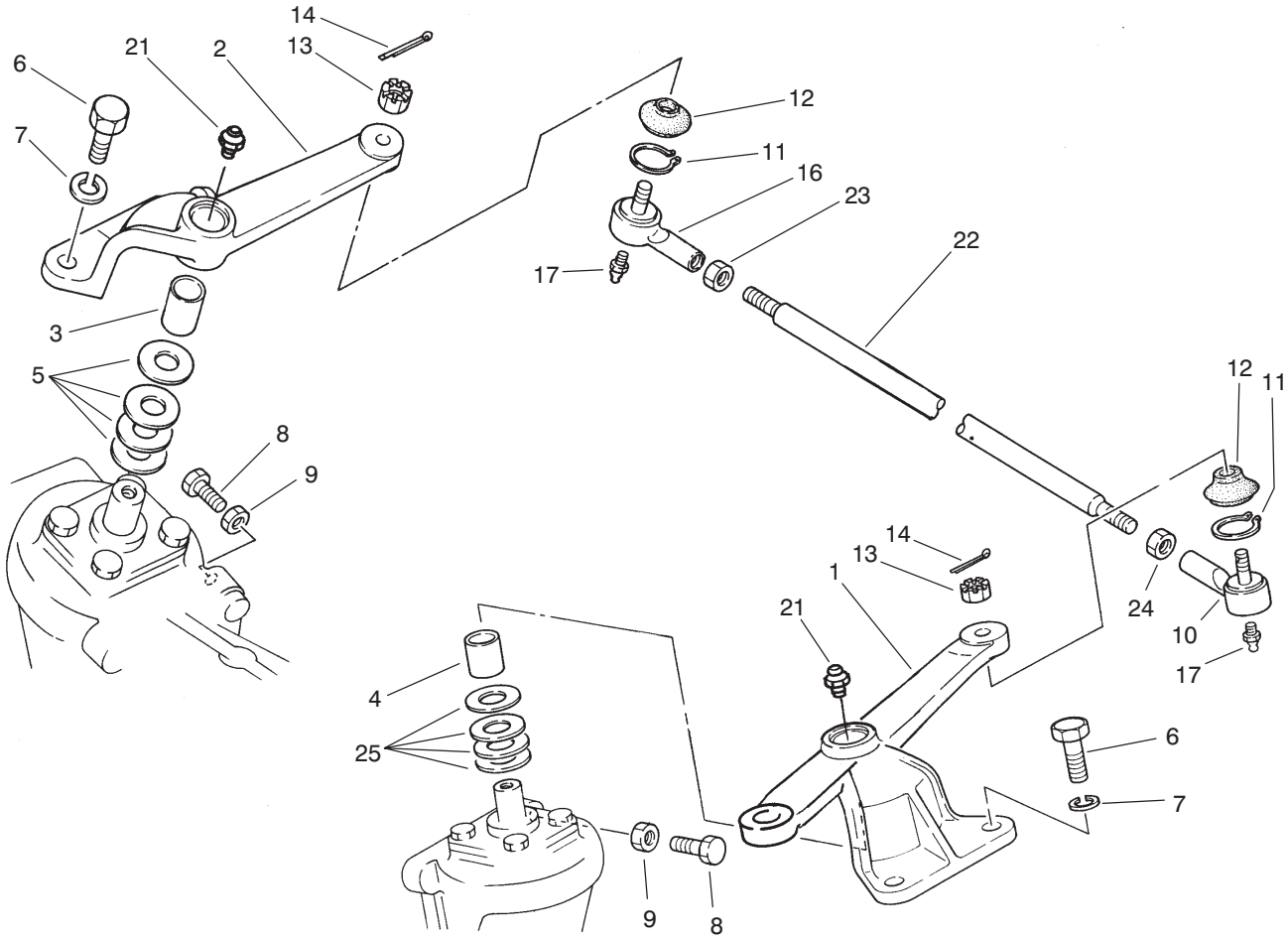


T-1110A

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

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-7560	Case - Gear	2	14	76-7890	Shim - 0.15 mm	A/R
2	76-7650	Shaft - Final Drive	2	* 76-7900	Shim - 0.2 mm	A/R	
3	76-7670	Bearing	4	* 76-7910	Shim - 0.4 mm	A/R	
4	76-7660	Holder - 20 mm L.H.	1	15	76-7880	Spacer	2
*	76-7630	Holder - 25 mm R.H.	1	16	76-7920	Ring - Retaining	2
5	76-7640	Bolt	8	17	76-7930	Ring - Retaining	2
6	76-7740	Seal - Oil	2	18	93-7775	Bearing	2
7	76-7730	Bushing	2	19	76-7810	Holder - Bearing	2
8	76-7680	Case - Final Drive	2	20	76-7870	Seal - Oil	2
9	76-7770	Cover	2	21	76-7830	Shaft - Wheel	2
10	76-7510	Pinion - 14T	2	26	76-7110	Plug	4
11	76-7750	Pinion - 15T	2	27	76-7120	Seal - Washer	4
12	94-5643	Bearing	2	28	76-7640	Bolt	20
13	76-7840	Gear - Bevel	2	30	76-7960	Fitting - Grease	2
				*	77-4030	Shim Set (Incl. Ref. #14)	1

\*Not Illustrated



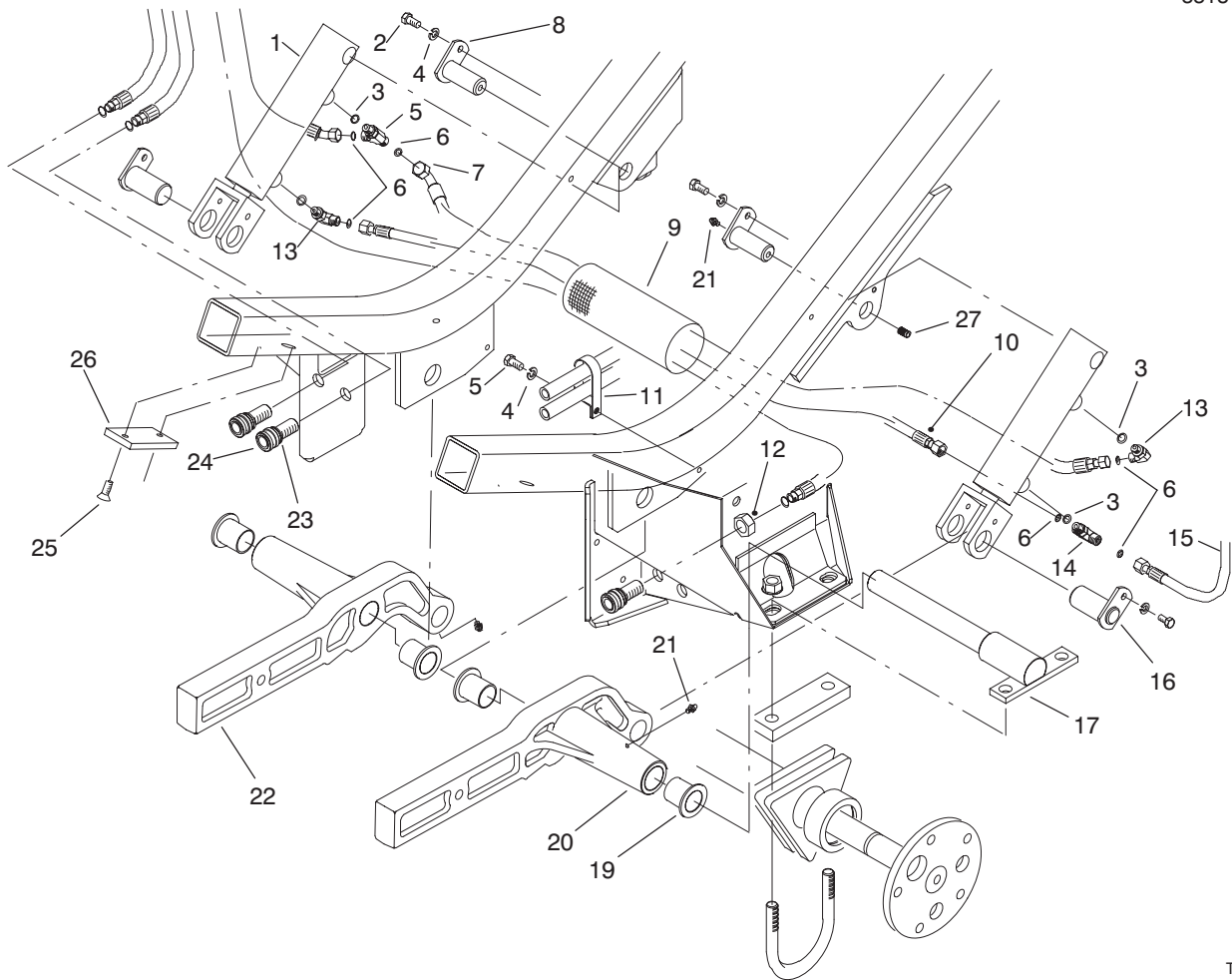
T-1108

## 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

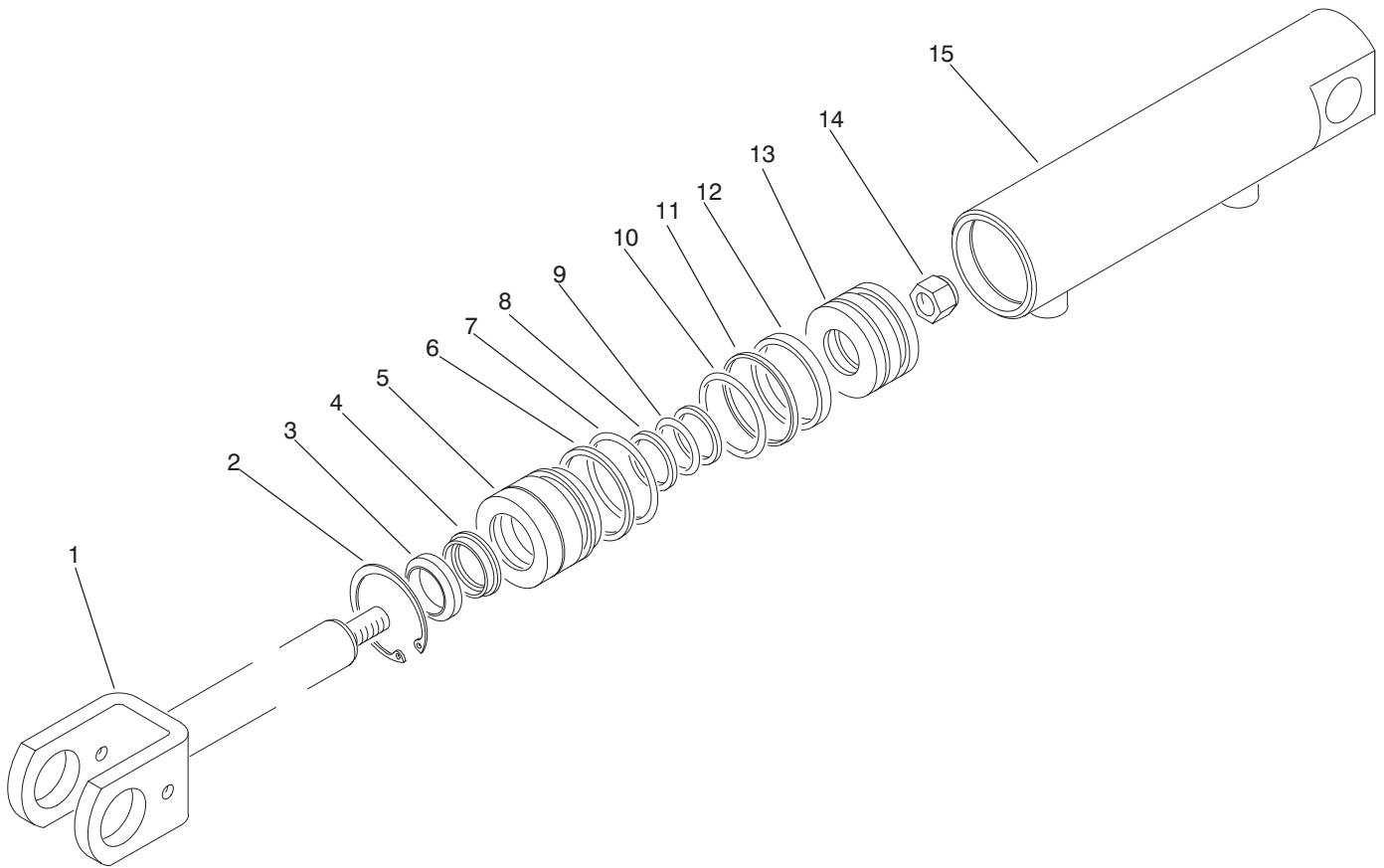


T-1505B

## LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	86-5580	Cylinder - Hydraulic	2	15	86-3170	Hose Assembly	1
2	322-2	Screw - Cap Hex. Hd.	5	16	88-1190	Pin - Pivot W.A.	2
3	237-78	O-Ring	4	17	86-2790	Pin - Pivot, L.H.	1
4	3253-4	Washer - Lock	5	*	88-1200	Pin - Pivot, R.H.	1
5	340-140	Fitting - Hydraulic, Tee	1	19	68-6480	Bushing - Flange	4
6	237-21	O-Ring	6	20	84-0730	Arm - Lift, L.H.	1
7	86-3160	Assembly - Hose	1	21	302-5	Fitting - Grease	6
8	84-1350	Pin - Pivot W.A.	2	22	86-5890	Arm - Lift, R.H.	1
9	70-1380	Sleeve - Protective	1	23	237-79	O-Ring	3
10	86-3200	Hose Assembly	1	24	86-5450	Coupler - Hydraulic	3
11	2412-137	R-Clamp	1	25	32108-58	Screw - Machine Flat Hd.	4
12	3220-7	Nut - Jam	3	26	69-9300	Pad - Bumper	2
13	340-132	Fitting - Hydraulic 90°	2	27	3247-4	Screw - Set	2
14	340-125	Fitting - Hydraulic Tee	1				

\*Not Illustrated



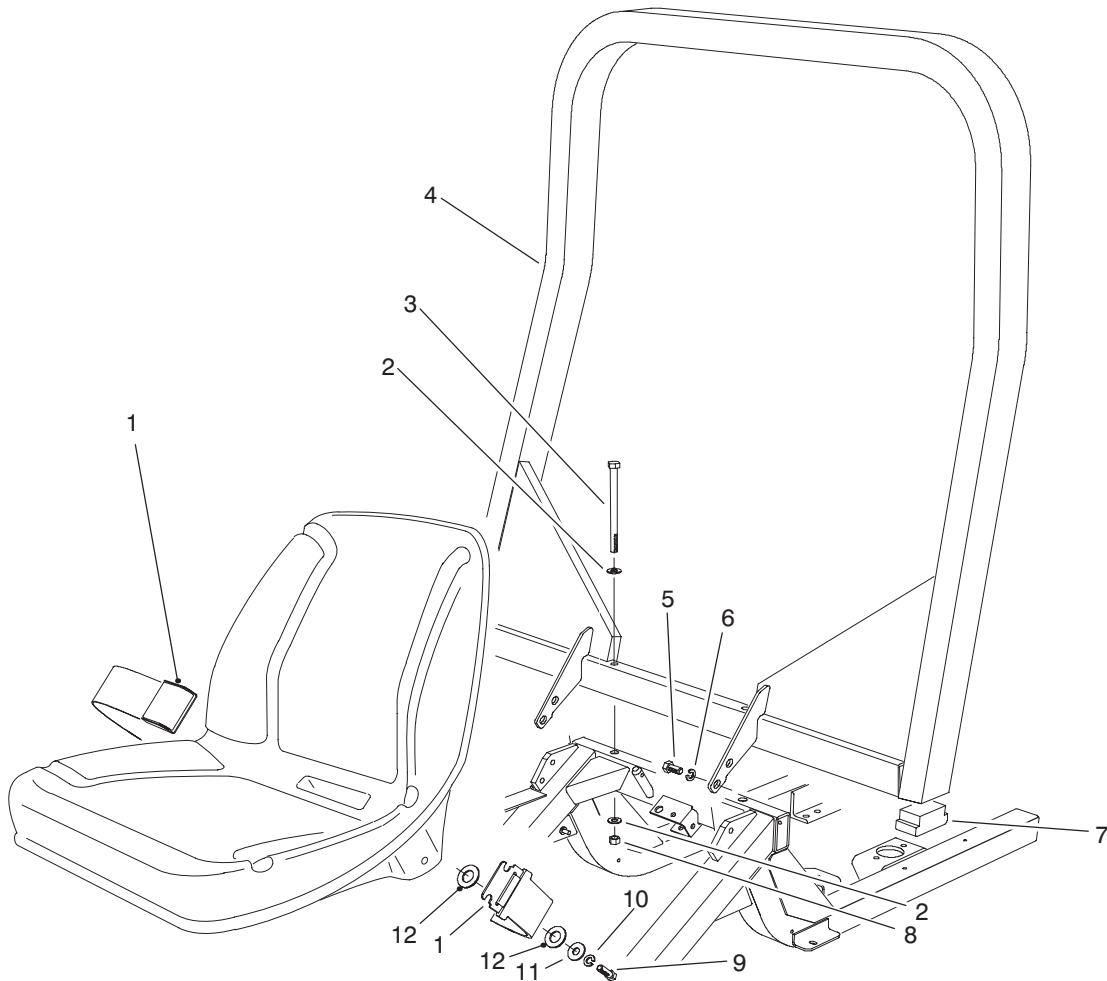
T-1490

## 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

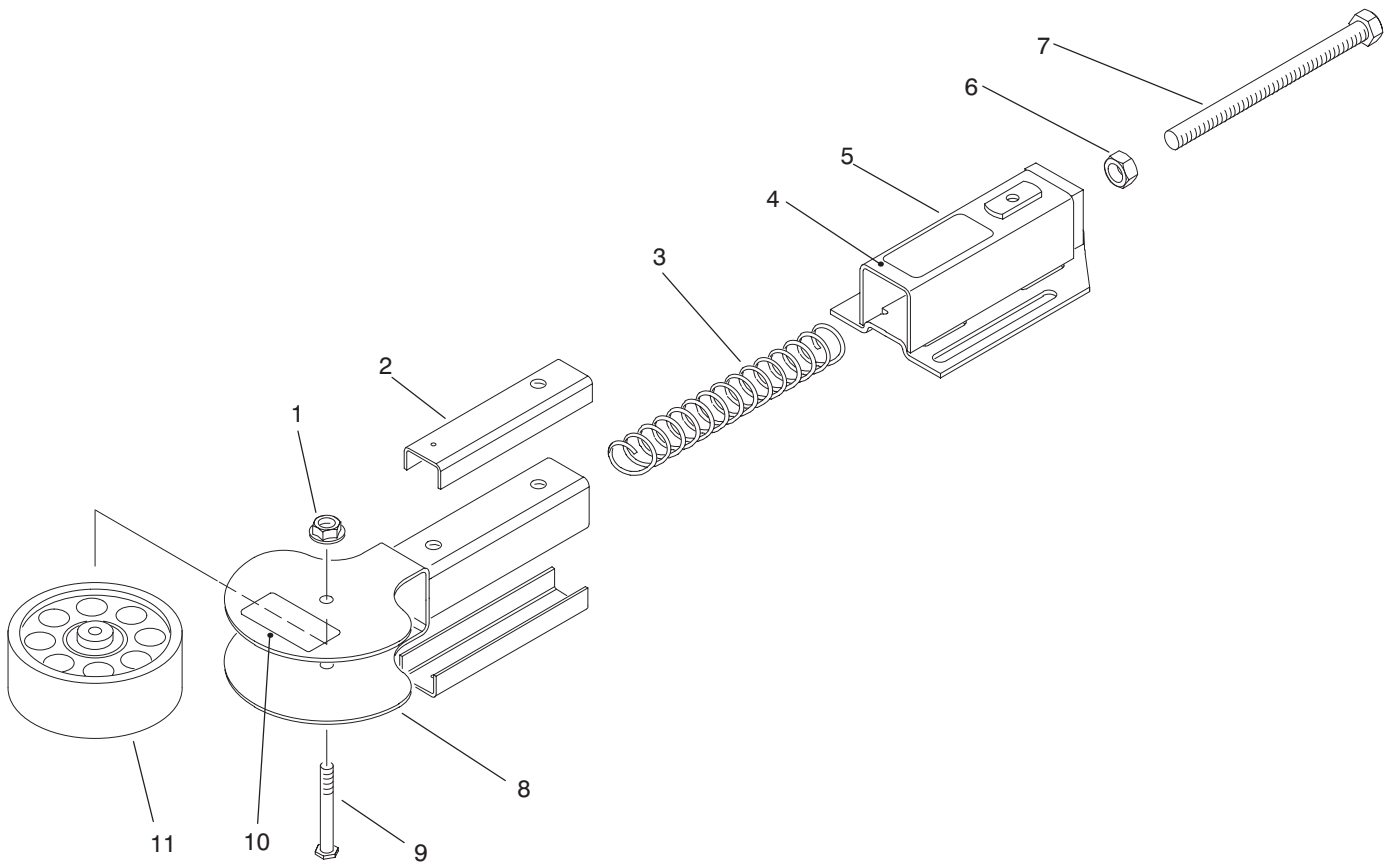
## R.O.P.S. ASSEMBLY (Standard For Model No. 30455) (Optional For Model No. 30450)

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



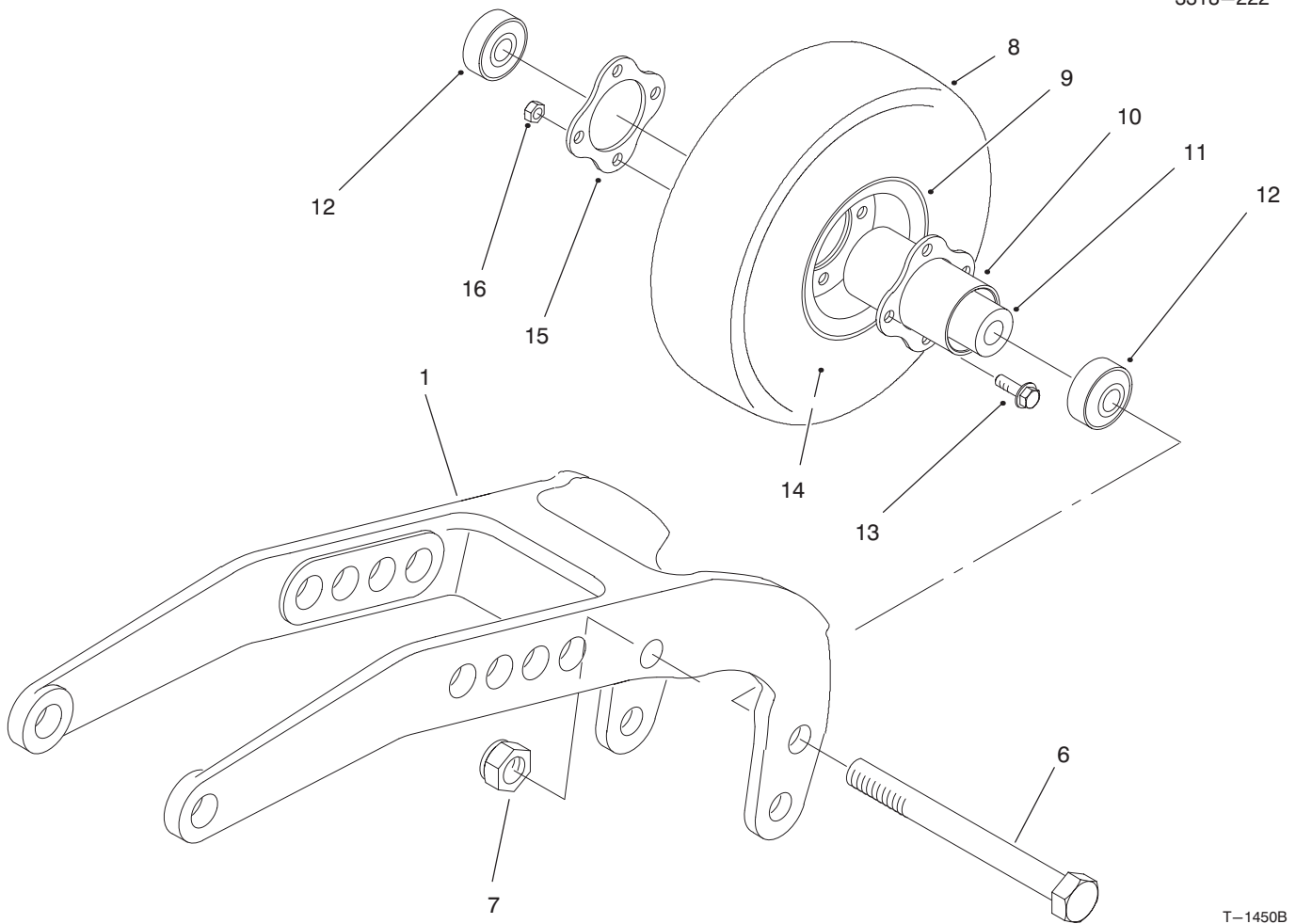
T-1451

## 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



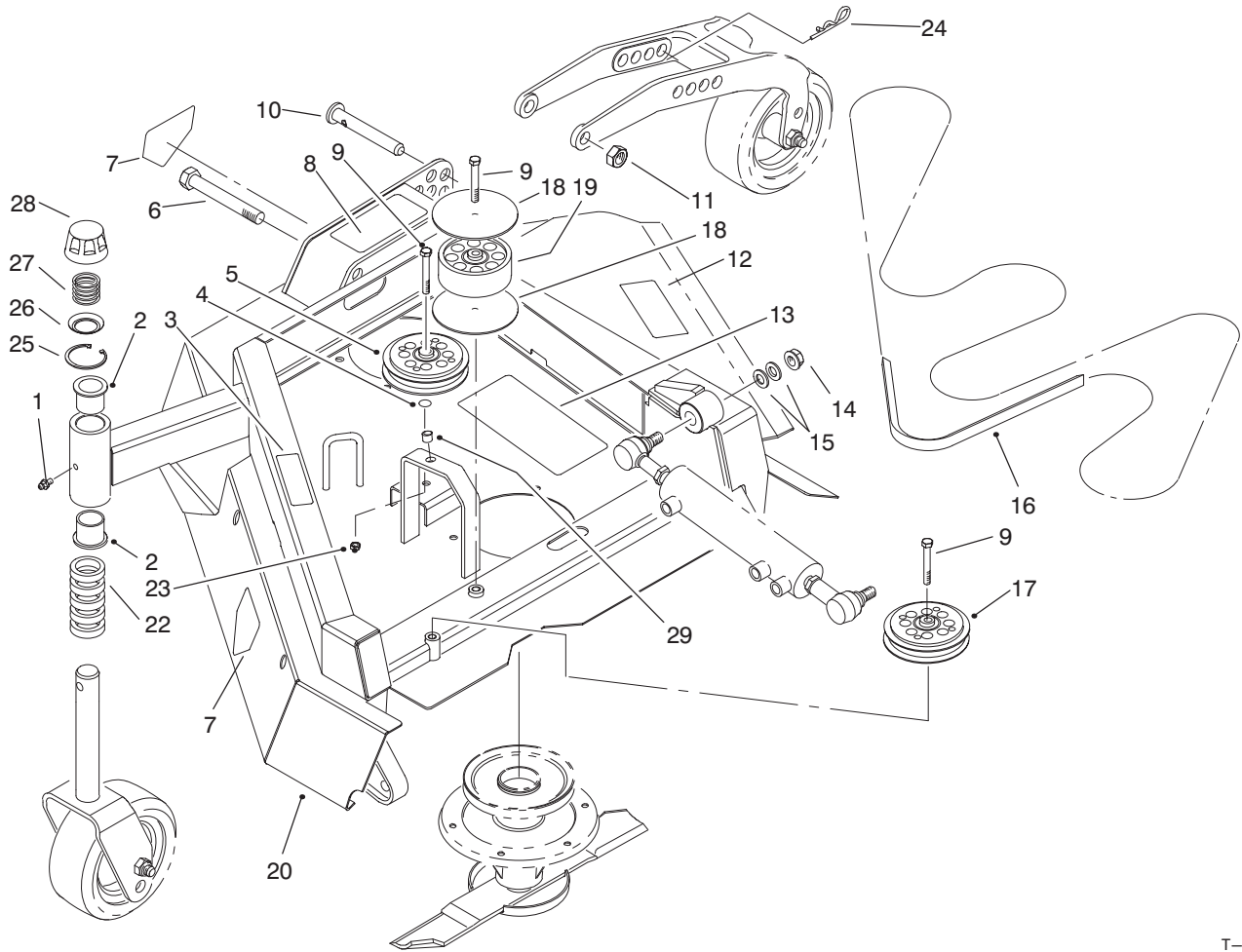
T-1450B

## 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

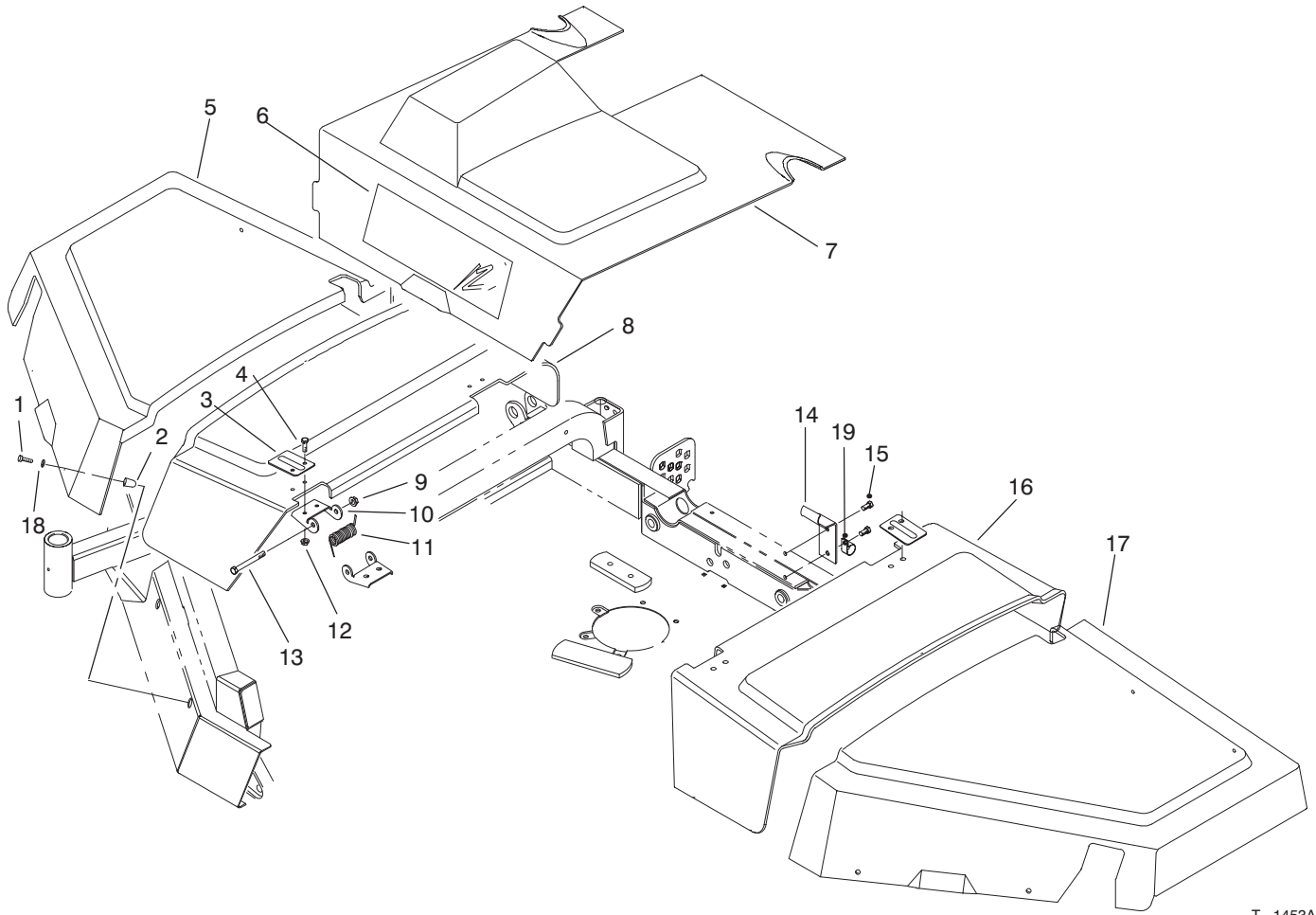


T-1452A

## 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

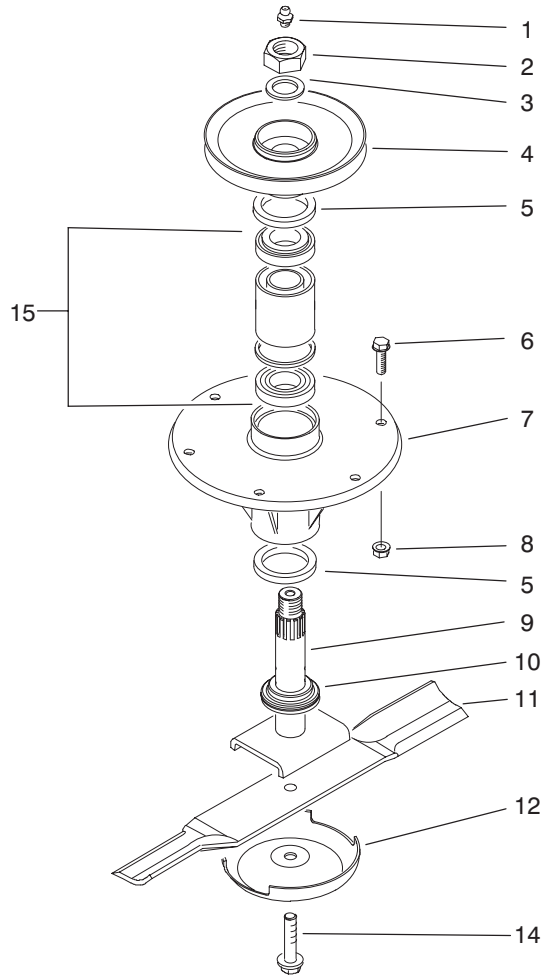
Ref. No.	Part No.	Description	No. Used
17	92-9722	Idler Pulley Assembly	1
18	86-2600	Washer – Guide, Belt	2
19	92-0625	Idler Pulley Assembly	1
20	92-7758	Wing Deck Assembly R.H. (Incl. Ref. #2, 3, 7, 8, 12, 13 & 29)	
22	69-1510	Spacer – Fork	5
23	3296-39	Nut – Lock	1
24	3290-256	Pin – Cotter, Hair	1
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

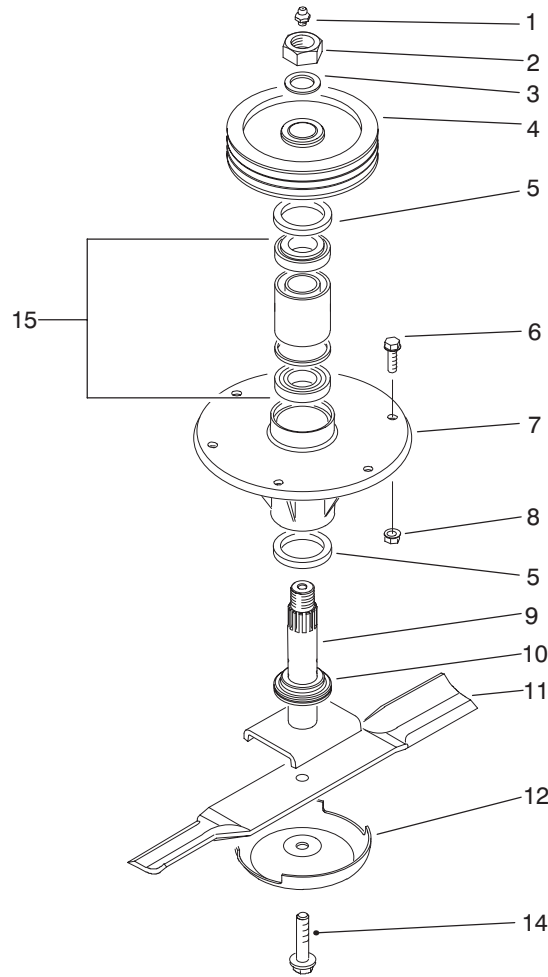
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3250-20	Screw - Pan Phil. Hd.	8	11	86-1920	Spring - Torsion	2
2	86-0790	Button - Guard	8	12	32128-20	Nut - Lock, Flange Head	8
3	86-1900	Plate - Hinge	4	13	323-15	Screw - Cap Hex. Head	4
4	3234-29	Screw - Cap Flange Head	8	14	86-2660	Stop - Cover	1
5	86-1840	Cover - Right Hand	1	15	32144-70	Screw	2
6	86-0770	Decal - Quadfloat	1	16	86-1880	Cover - Center, Left Hand	1
7	86-1860	Cover - Center	1	17	86-1850	Cover - Left Hand	1
8	86-1870	Cover - Center, Right Hand	1	18	3256-67	Washer - Flat	8
9	3296-59	Nut - Lock, Flange Head	4	19	2412-138	Clamp - R	1
10	86-1890	Hinge	4				



T-1327A

### SPINDLE ASSEMBLY (Wings)

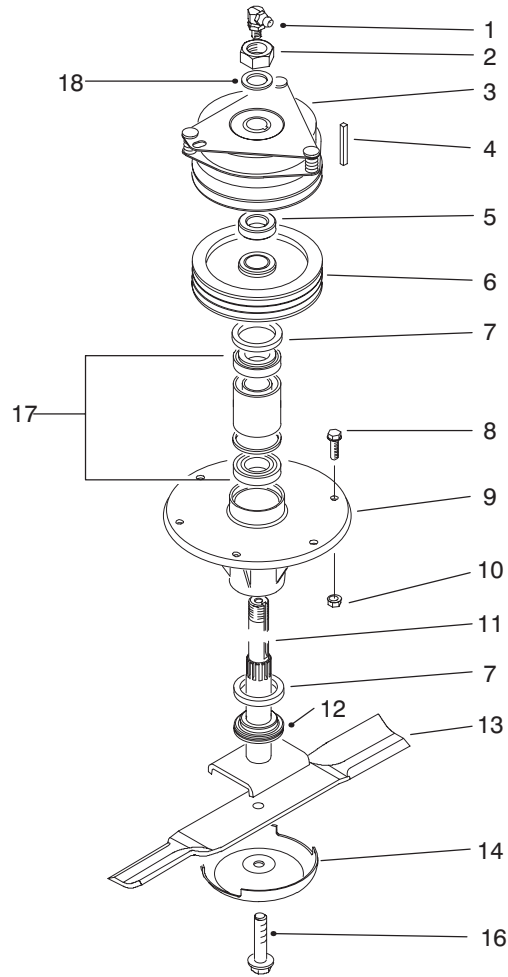
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-2	Fitting - Grease	1	8	3290-357	Nut - Flange	6
2	3296-49	Nut - Lock	1	9	86-2340	Shaft - Spindle	1
3	86-1480	Washer	1	10	92-9800	Spacer - Spindle	1
4	86-1700	Pulley	1	11	86-0010	Blade - 19"	1
5	253-154	Seal - Oil	2	12	72-9361	Cup - Anti-Scalp	1
6	3234-11	Screw - Hex. Flange Head	6	14	92-5816	Bolt - Blade	1
7	69-1530	Housing - Spindle	1	15	71-2530	Assembly - Bearing	1



T-1328A

### SPINDLE ASSEMBLY (Center)

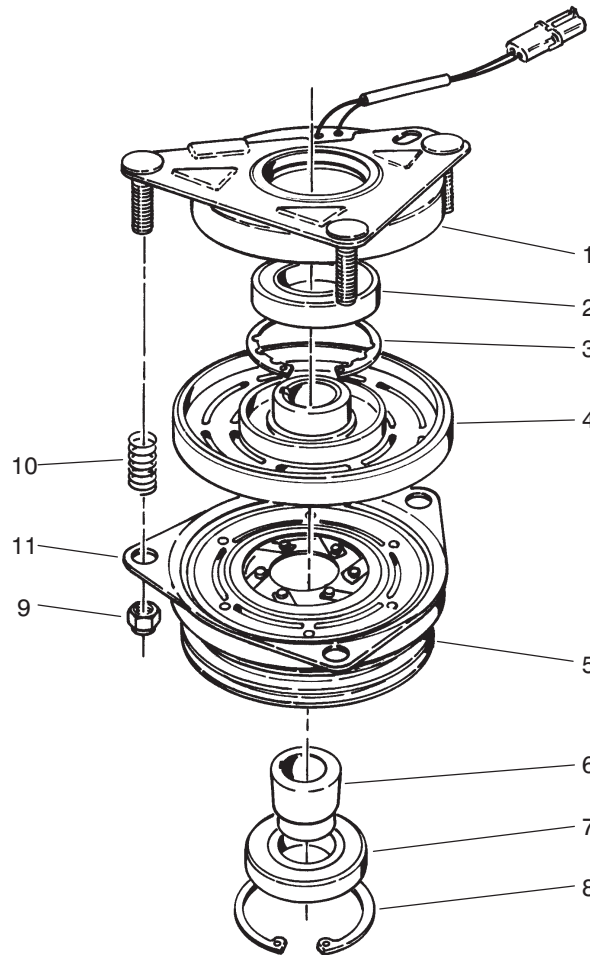
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-2	Fitting - Grease	1	8	3290-357	Nut - Lock, Flange Head	6
2	3296-49	Nut - Lock	1	9	86-2340	Shaft - Spindle	1
3	86-1480	Washer	1	10	92-9800	Spacer - Spindle	1
4	84-0780	Pulley	1	11	86-0010	Blade - 19"	1
5	253-154	Seal - Oil	2	12	72-9361	Cup - Anti-Scalp	1
6	3234-11	Screw - Hex. Flange Head	6	14	92-5816	Bolt - Blade	1
7	69-1530	Housing - Spindle	1	15	71-2530	Assembly - Bearing	1



T-1329A

### SPINDLE ASSEMBLY (Clutch)

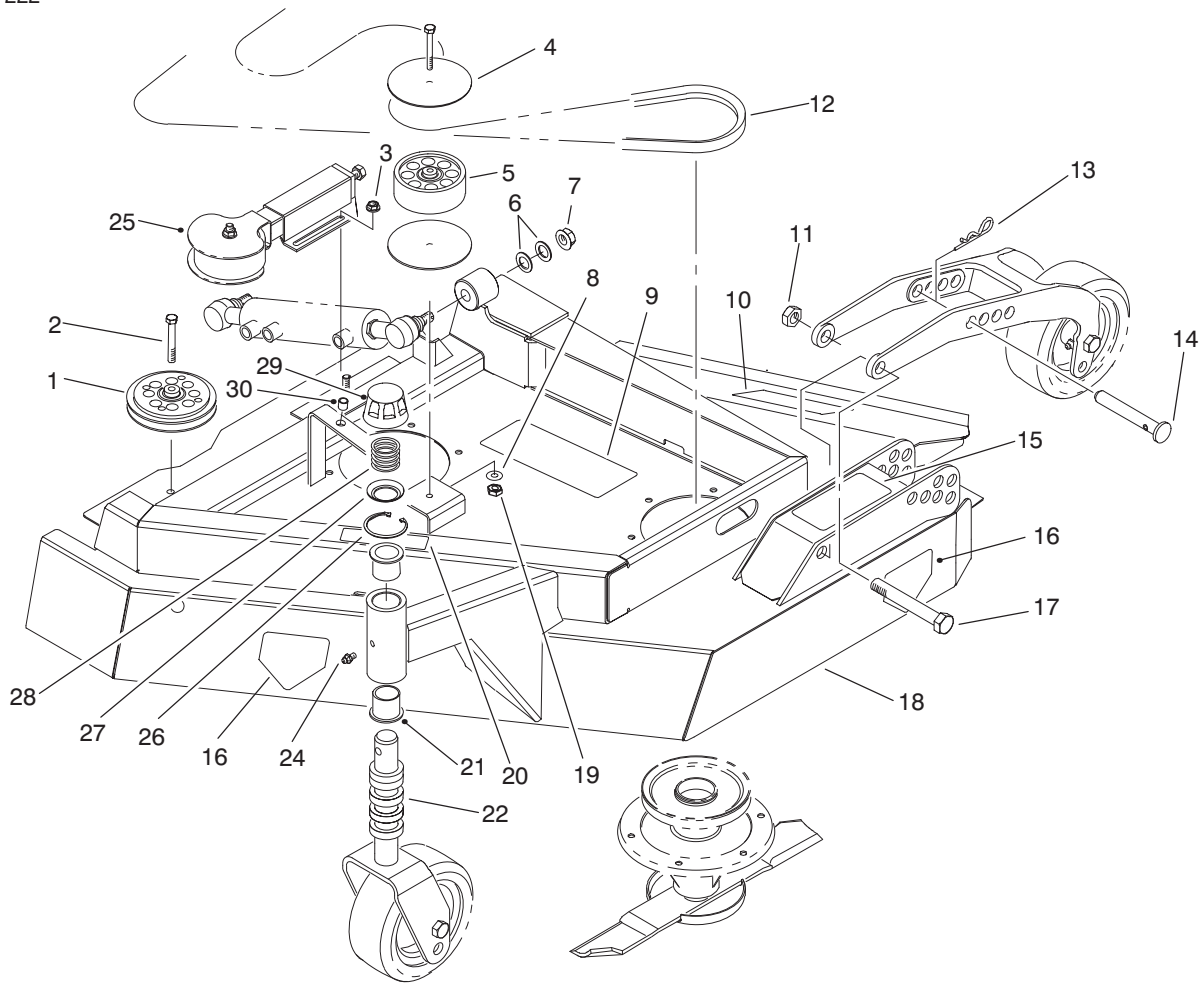
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-33	Fitting - Grease 90°	1	10	3290-357	Nut - Flange	6
2	3296-49	Nut - Lock	1	11	86-2360	Shaft - Spindle	1
3	86-1710	Assembly - Clutch, Elect.	1	12	92-9800	Spacer - Spindle	1
4	68-3220	Key - Square	1	13	86-0010	Blade - 19"	1
5	86-1740	Spacer	1	14	72-9361	Cup - Anti-Scalp	1
6	84-0780	Pulley	1	16	92-5816	Bolt - Blade	1
7	253-154	Seal - Wave	2	17	71-2530	Assembly - Bearing	1
8	3234-11	Screw - Hex. Flange Head	6	18	86-1480	Washer	1
9	69-1530	Housing - Spindle	1				



T-0544

## CLUTCH ASSEMBLY NO. 86-1710

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-7050	Field Rotor Assembly (Incl. Ref. #2-4)	1	6	67-7080	Collar - Bearing	1
2		Bearing - Field	1	7	67-7090	Bearing - Pulley	1
3		Ring - Retaining	1	8	67-7060	Ring - Retaining	1
4		Field Coil Assembly	1	9	3296-6	Nut - Lock	3
5	92-0627	Armature & Pulley Assy. (Incl. Ref. #6-8)	1	10	44-8320	Spring	3
				11	67-7100	Plate - Brake	1

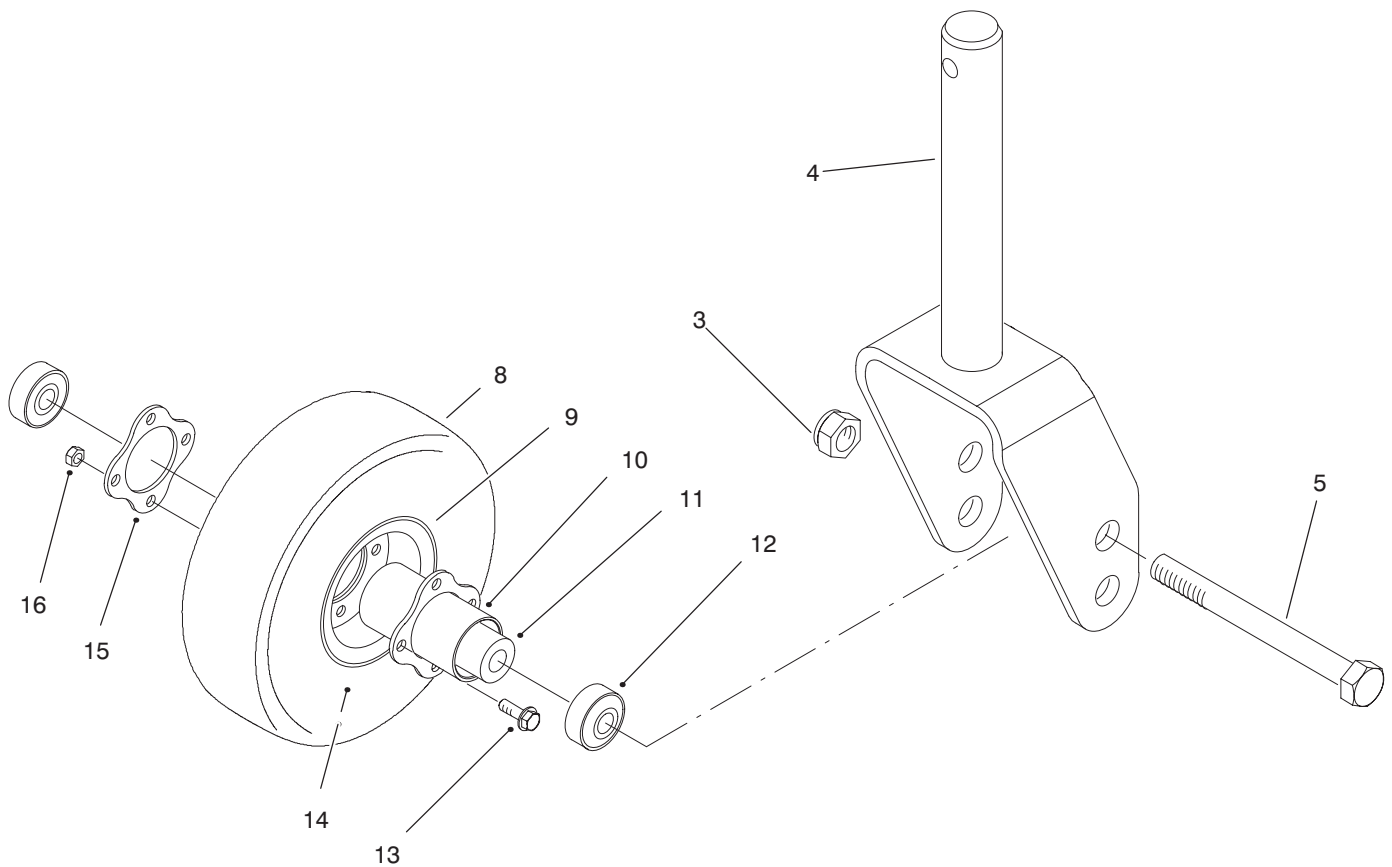


T-1454A

## 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

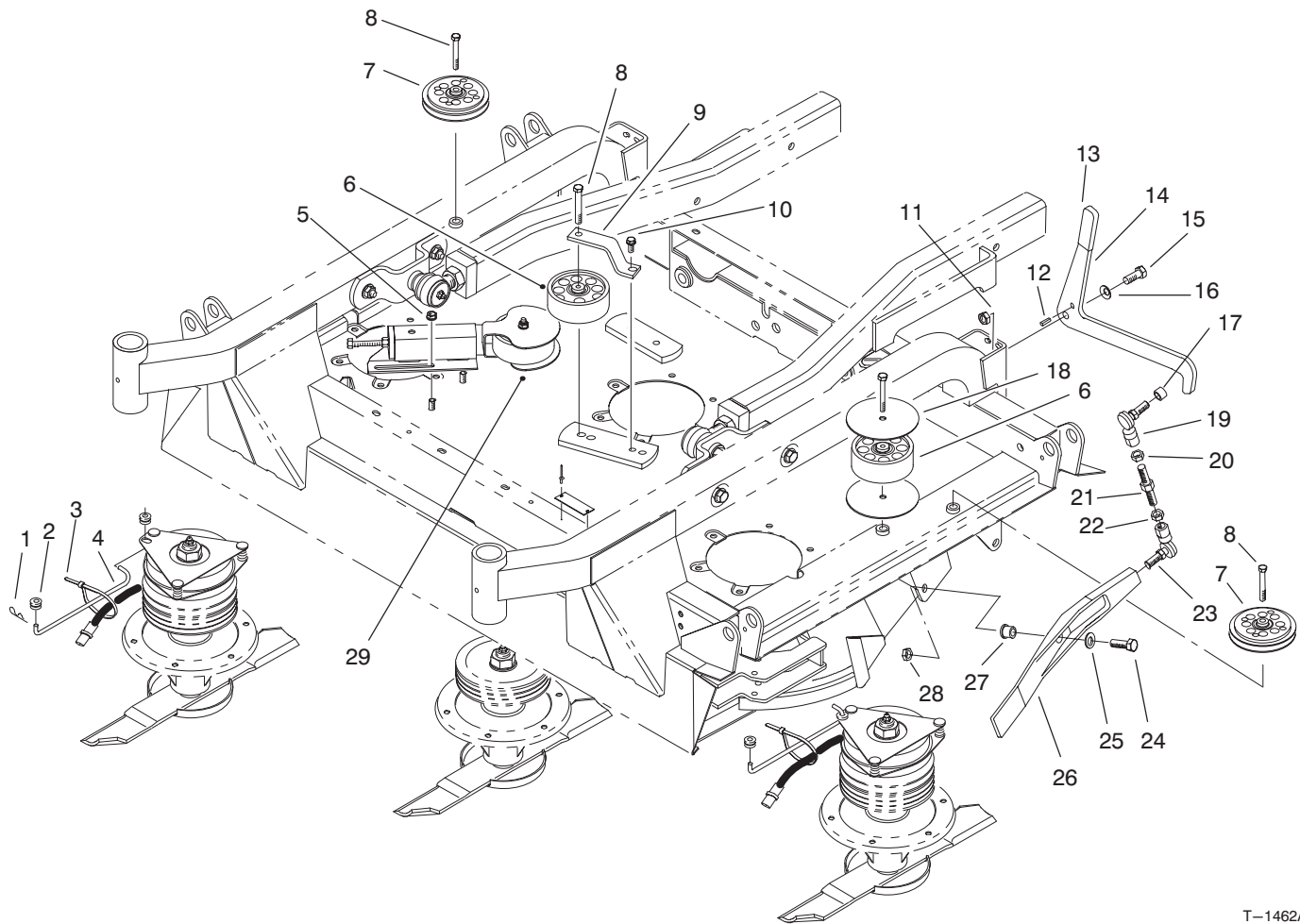


T-1461B

## FRONT CASTOR FORK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
3	3296-53	Nut - Lock	2	15	93-4242	Plate	2
4	92-7750	Fork (Used on Wing Units)	2	16	32128-25	Nut - Side Lock	8
*	92-7752	Fork (Used on Center Unit)	2	*17	251-321	Bearing - Castor	4
5	327-24	Screw - Cap Hex. Hd.	2	*18	302-40	Fitting - Grease 90°	2
8	93-9939	Tire - 8"	2	*19	251-332	Spacer - Bearing	2
*	93-4243	Tire - 10"	2	*	93-9938	Wheel - 8" (Used on Wing Units) (Incl. Ref. #8-16)	2
9	93-4239	Rim - Wheel	4	*	93-4240	Wheel - 10" (Used on Center Unit) (Incl. Ref. #8-16)	2
10	93-4238	Hub	2	*	76-1880	Segmented 10" Wheel Optional (Incl. Ref. #17-19)	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				

\*Not Illustrated

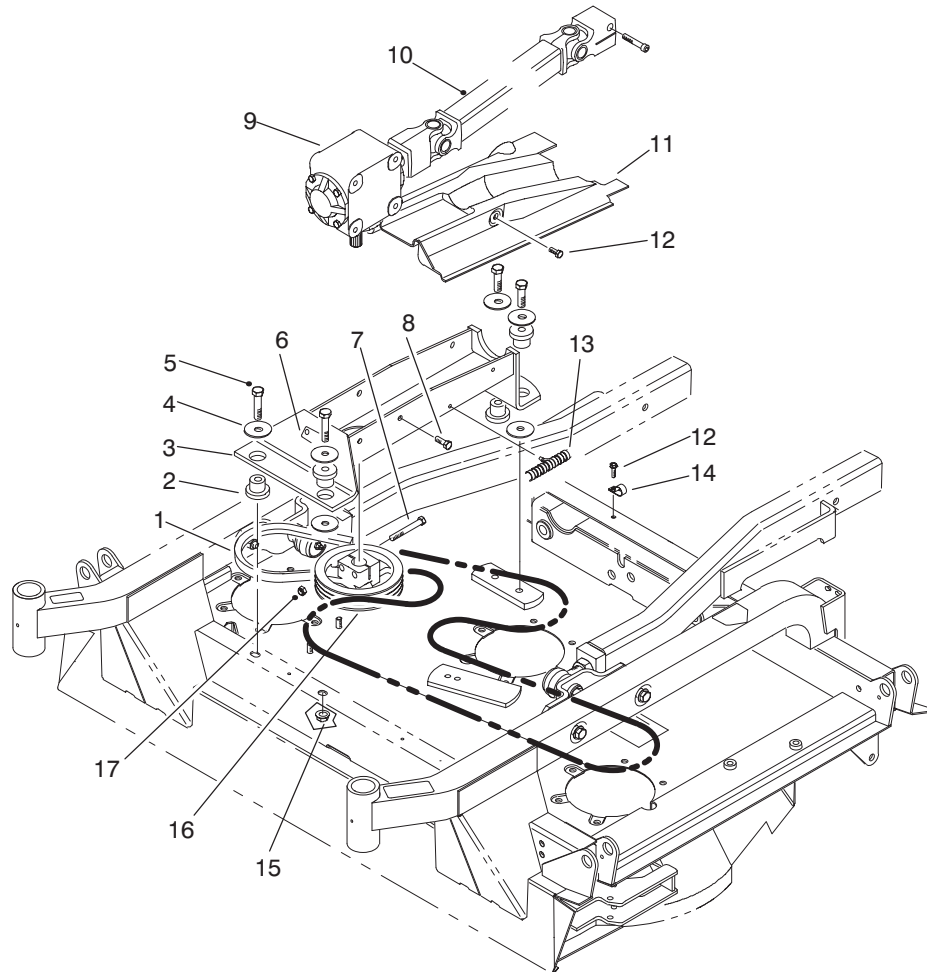


T-1462A

## 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

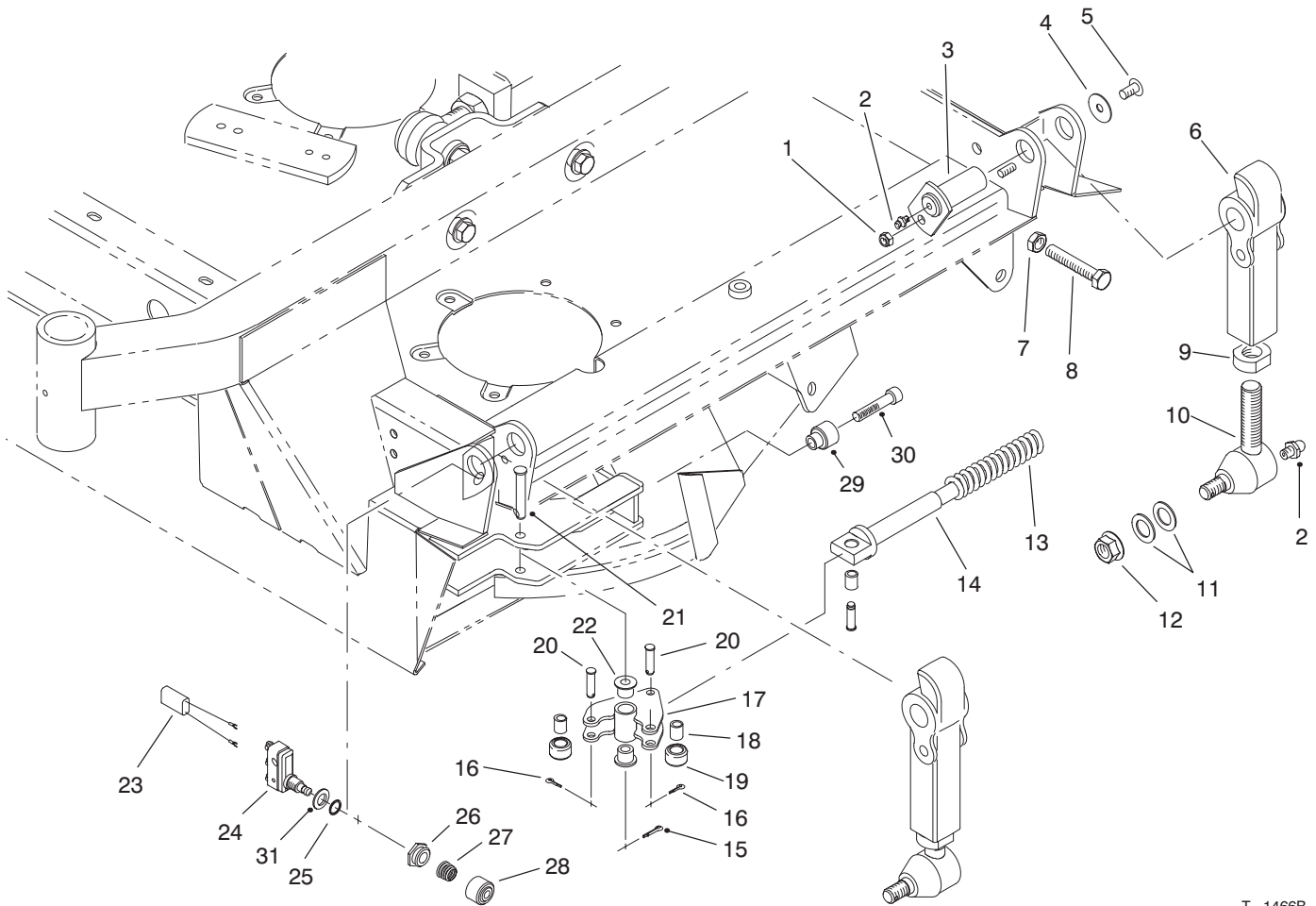


T-1455A

## GEAR BOX, MOUNT & DRIVE SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	86-1970	V-Belt	1	11	86-1830	Cover - Drive Shaft	1
2	84-1550	Mount - Rubber	4	12	32144-70	Screw - Hex. Flange Hd.	3
3	86-2020	Support - Gear Box	1	13	86-1910	Wire Harness	1
4	86-1990	Washer	6	14	2412-138	Clamp-R	1
5	325-9	Screw - Cap Hex. Hd.	4	15	32128-23	Nut - Hex. Flange Hd.	4
6	70-2560	Decal - Lube	1	16	86-1410	Pulley - Gearbox 6.50 Dia.	1
7	323-14	Screw - Cap Hex. Hd.	2	*	86-3100	Pulley - Gearbox 7.50 Dia. (Optional)	1
8	3234-1	Screw - Cap Hex. Hd.	4	17	3296-39	Nut - Lock	2
9	86-3090	Gear Box	1				
10	86-1730	Drive Shaft	1				

\*Not Illustrated



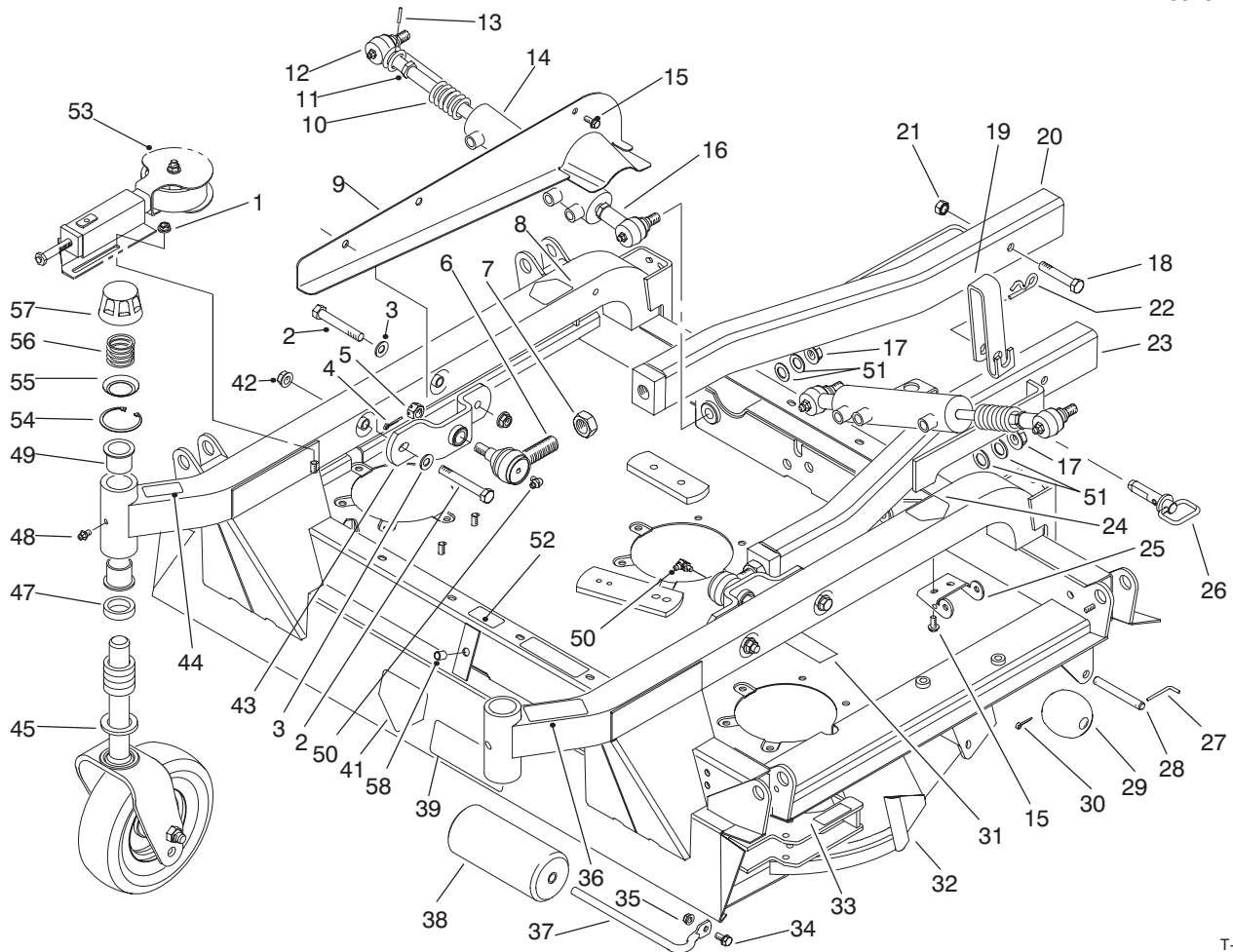
T-1466B

## 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

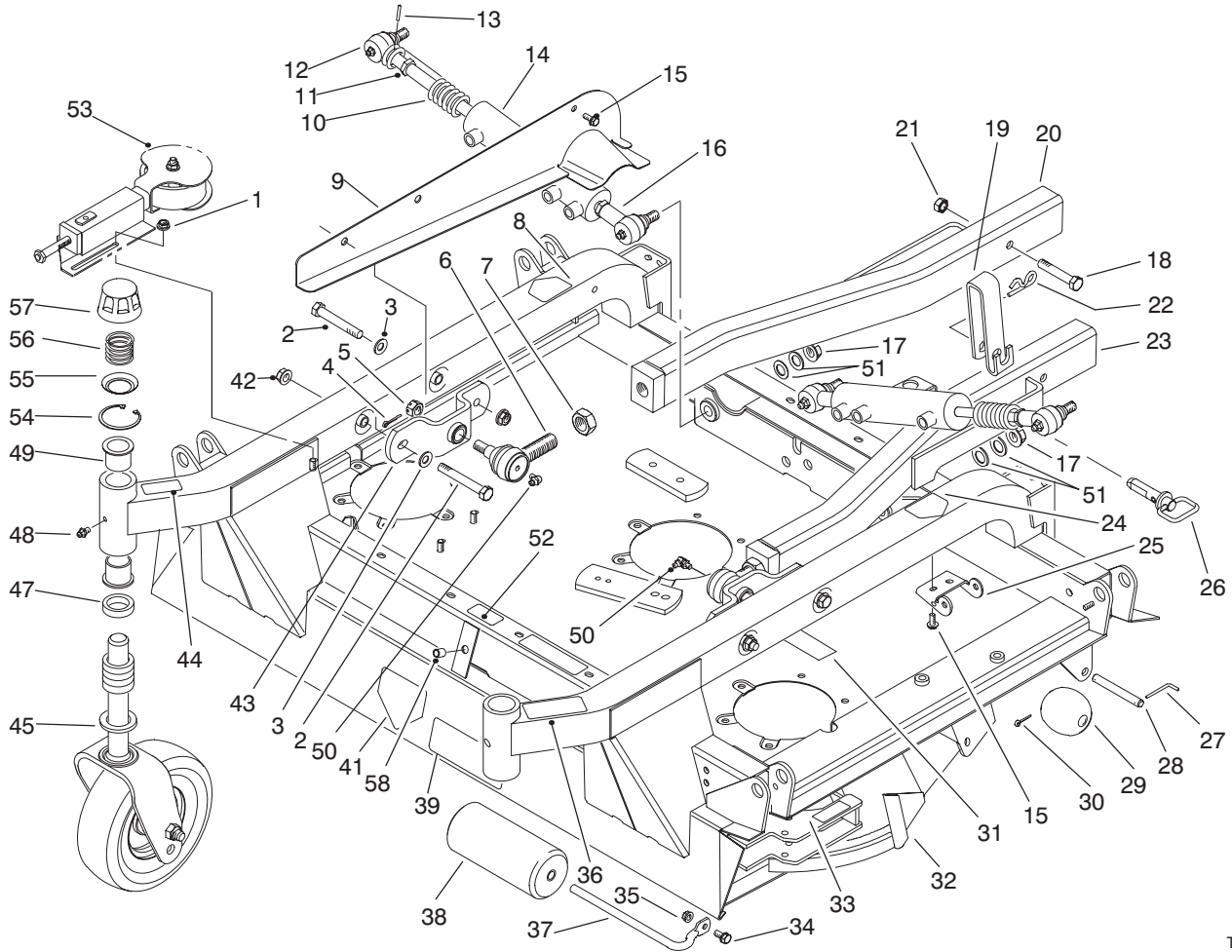


T-1459B

## CENTER DECK & CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32128-19	Nut - Flange Hd.	2	26	86-2390	Pin - HOC	2
2	325-35	Screw - Cap Hex. Hd.	4	27	57-0690	Pin	2
3	3256-26	Washer - Flat	4	28	57-0680	Shaft	2
4	3272-12	Pin - Cotter	2	29	29-4820	Roller	2
5	32136-2	Nut	2	30	3272-11	Pin - Cotter	2
6	86-8100	Ball - Joint	2	31	86-0740	Decal - Belt	1
7	21-3000	Nut	2	32	92-7757	Deck W.A. - Center (Incl. Ref. #8, 24, 31, 33, 36, 39, 41, 44, 49 & 58)	1
8	86-0730	Decal - HOC, RH	1	33	55-4300	Decal - Warning	2
9	86-2230	Cover - Guide, RH	1	34	3234-1	Screw - Hex. Flange Hd.	1
*	86-2260	Cover - Guide, LH	1	35	32128-21	Nut - Flange Hd.	1
10	86-2510	Spring	2	36	86-0780	Decal - HOC	1
11	84-5300	Nut	4	37	68-6840	Shaft	1
12	92-5810	Ball Joint	2	38	68-6710	Roller	1
13	32121-51	Pin - Roll	2	39	68-8340	Decal - Caution	1
14	86-2190	Cylinder - Hydraulic	2	41	43-8480	Decal - Danger	1
15	32144-41	Screw - Hex. Washer Hd.	12	42	32128-23	Nut - Flange Hd.	2
16	92-5811	Ball Joint	2	43	69-7290	Mount - Carrier	2
17	32128-54	Nut - Flange	2	44		Decal - Safety Std.	1
18	325-11	Screw - Cap Hex. Hd.	2	45	77-0950	Washer	2
19	86-2380	Strap - Deck H.O.C.	2	47	69-1510	Spacer	10
20	86-2280	Frame - Carrier, RH	1	48	302-5	Fitting - Grease	2
21	3296-23	Nut - Lock	2	49	69-6470	Bushing	4
22	3290-256	Pin - Cotter, Hair	2	50	302-60	Fitting - Grease 90°	2
23	86-2320	Frame - Carrier, LH	1	51	86-1440	Washer - Flat	4
24	86-0720	Decal - HOC, LH	1				
25	86-1890	Hinge	4				

\*Not Illustrated



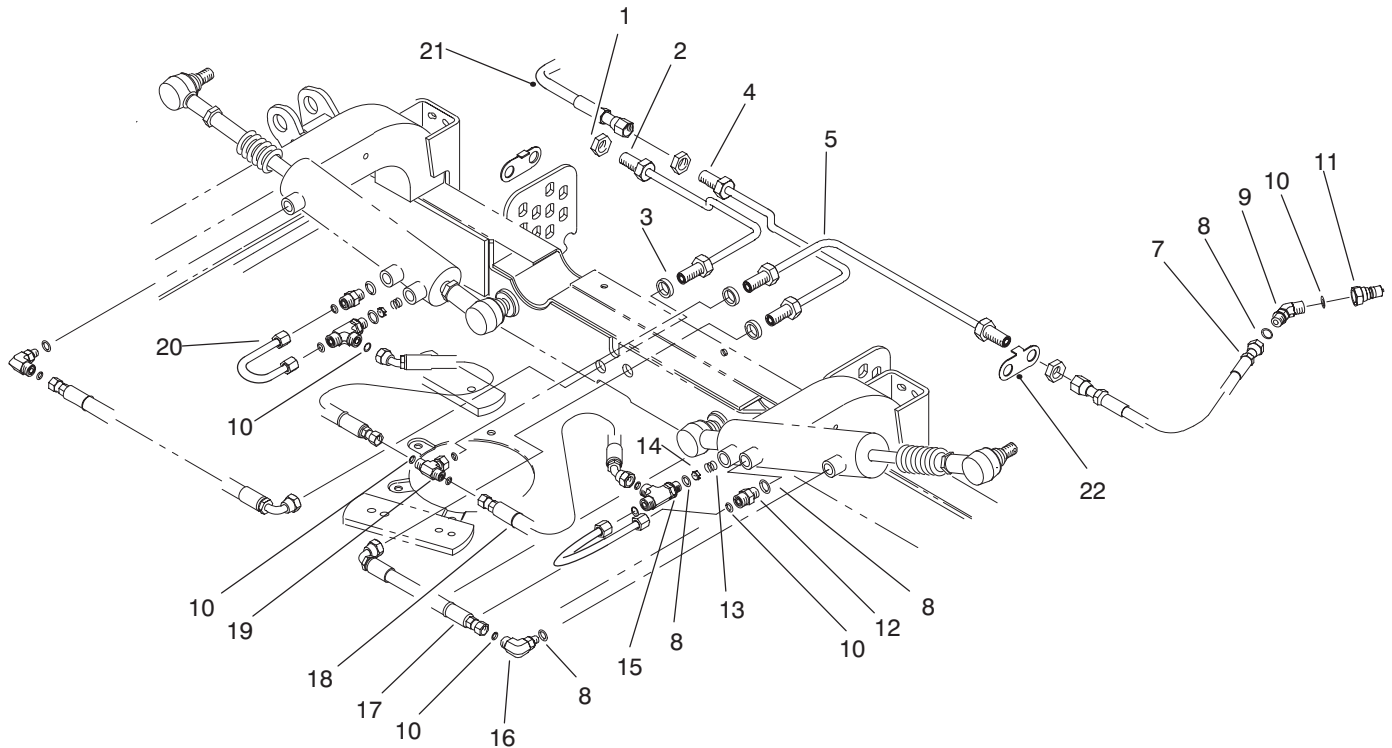
T-1459B

## 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

Ref. No.	Part No.	Description	No. Used
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



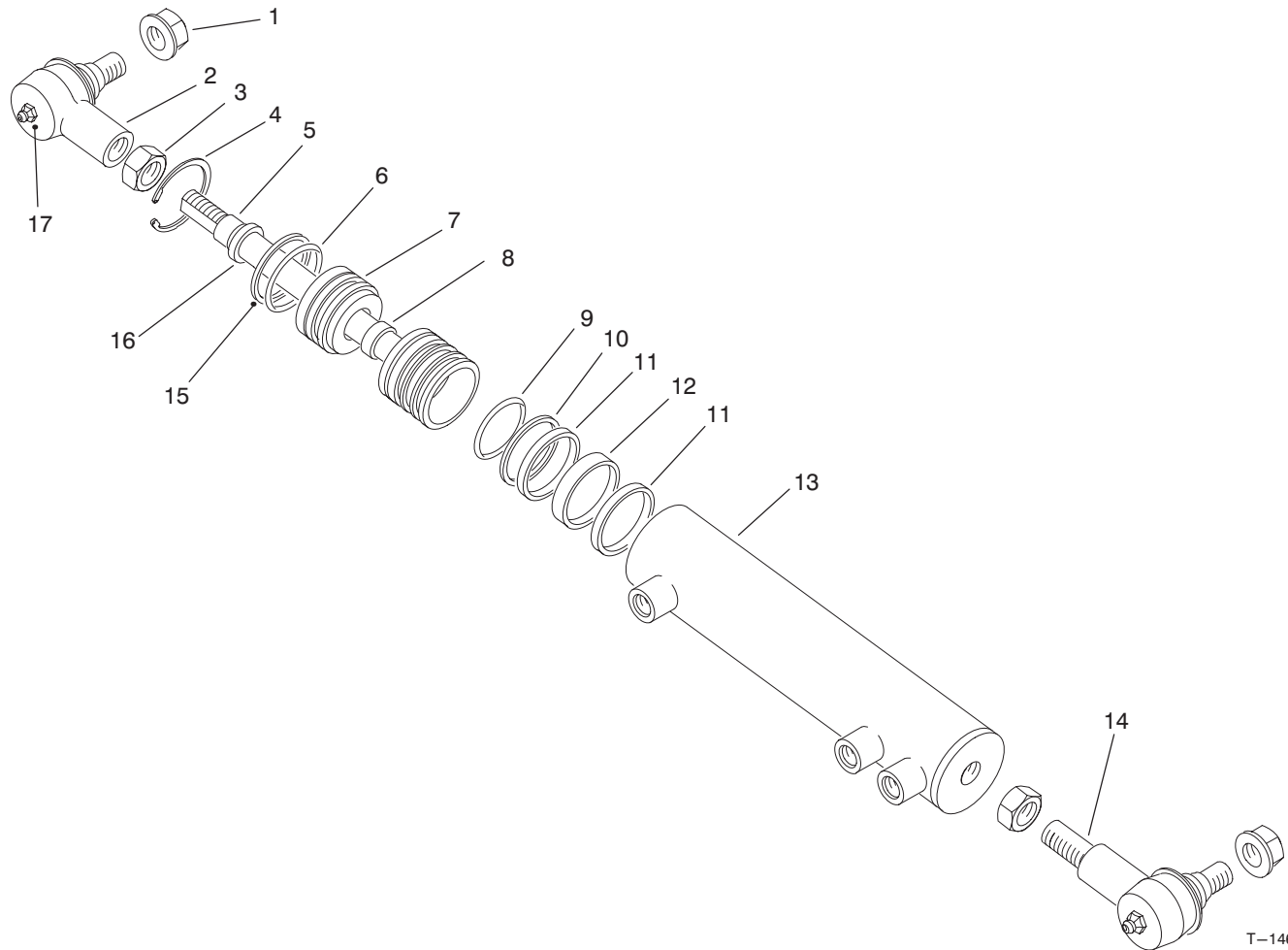
T-1460A

## 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

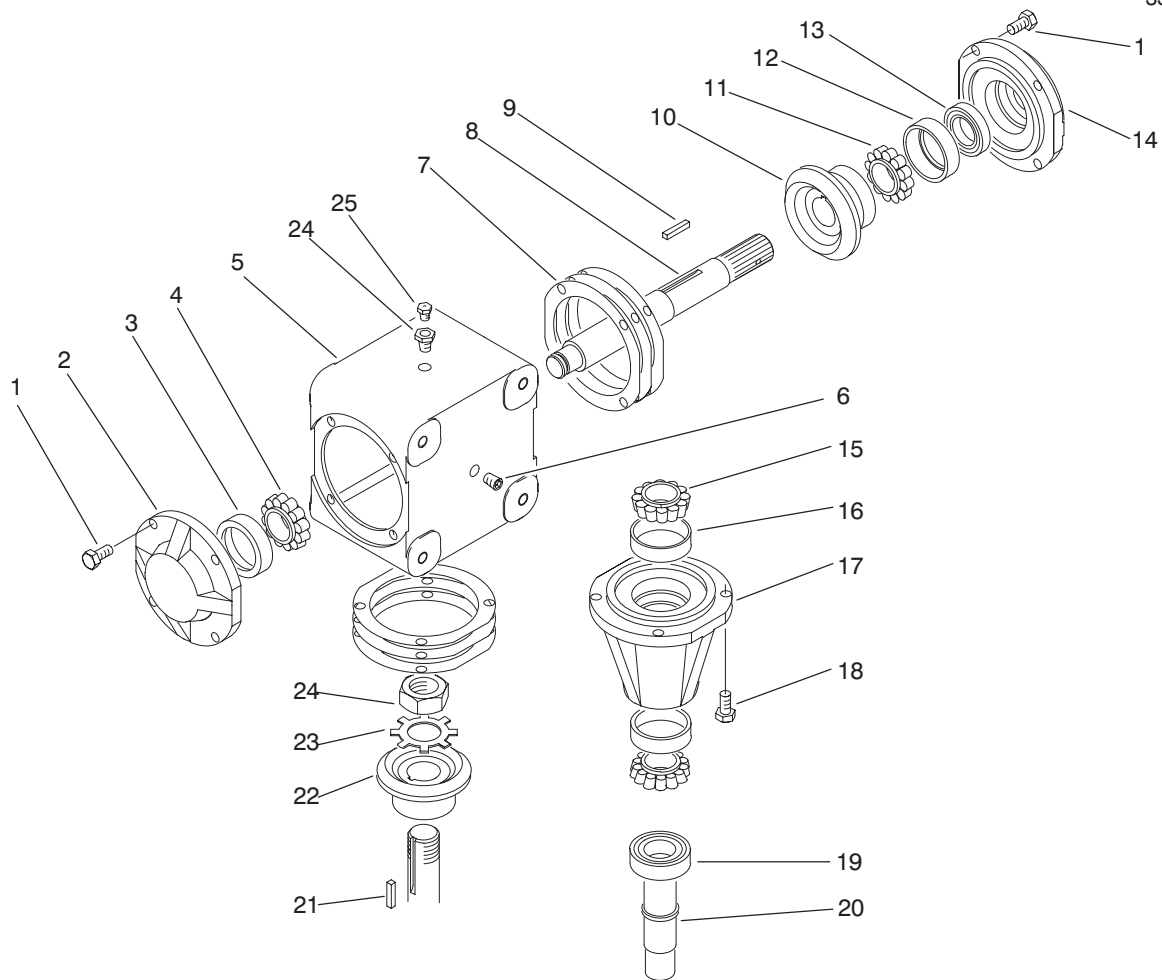


## HYDRAULIC CYLINDER ASSEMBLY NO. 86-2190

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

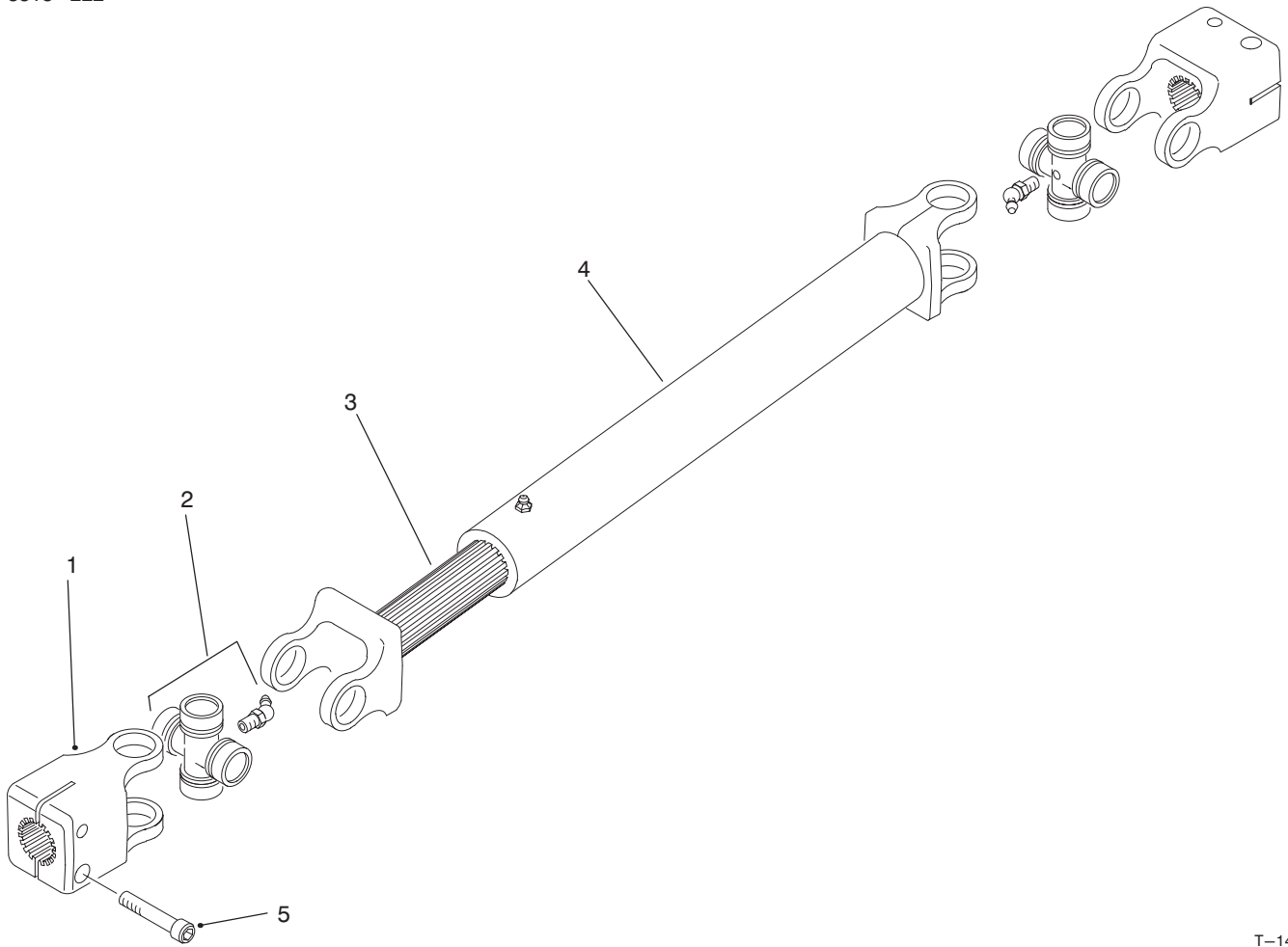


T-1463

## GEAR BOX ASSEMBLY 86-3090

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	62-3310	Screw	12	13	92-0609	Seal	1
2	62-3320	Cap - Blank	1	14	92-0608	Cap - Thru	1
3	62-3340	Cup - Bearing	1	15	92-0616	Cone - Bearing	2
4	254-94	Cone - Bearing	1	16	92-0617	Cup - Bearing	2
5	92-0605	Housing	1	17	92-0618	Hub	1
6	62-3490	Plug - Pipe	2	18	92-0615	Seal	1
7	21-6180	Gasket - .015	A/R	19	92-0614	Shaft - Pinion	1
*	62-3430	Gasket - .005	A/R	20	62-3380	Key	1
*	62-3440	Gasket - .003	A/R	21	92-0619	Gear - LH	1
8	92-0620	Shaft - Thru	1	22	92-0613	Washer - Lock	1
9	92-0606	Key	1	23	92-0612	Nut - Lock	1
10	92-0607	Gear - RH	1	24	62-3550	Bushing - Reducer	1
11	92-0610	Cone - Bearing	1	25	62-3520	Valve - Pressure Relief	1
12	92-0611	Cup - Bearing	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

3318-222

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3318-222

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
74-8650	Journal	46 12 1	76-5260	Relay - Glow Plug	50 1 1
74-8670	Fuel Inlet Assembly	46 27 1	76-5260	Relay - Glow Plug	16 15 1
74-8680	Gasket	46 14 2	76-5290	Washer - Spring	50 4 4
74-8690	Union - Inlet	46 13 1	76-5300	Fuel Filter Assembly	20 23 1
74-8710	Washer	46 16 1	76-5310	Washer - E.T.L.W.	50 7 1
74-8710	Washer - E.T.L.W.	50 9 1	76-5320	Sensor - Water	21 9 1
74-8750	Pipe	47 12 1	76-5470	Screw	38 17 2
74-8770	Plug	47 10 1	76-5500	Screw	45 6 5
74-8830	Belt	40 18 1	76-5520	Holder - Injector	47 5 4
74-8870	Gasket	46 21 2	76-5530	Gasket - Injector	47 3 4
74-8900	Washer - Flat	37 7 6	76-5540	Plug	47 2 4
74-8910	Bracket - Horn	12 33 1	76-5570	Washer-Lock	49 2 2
74-8920	Washer - Copper	29 26 4	76-5590	Sleeve - Spring	49 4 1
74-8990	Spool Assembly	29 23 1	76-5600	Injector	47 9 4
74-9000	Relief Valve Assy.	29 17 1	76-5610	Pinion - Output	4 1 1
74-9010	Kit - Seal	29 * 1	76-5630	Gear - Spur	4 3 1
74-9020	Backplate Repair Kit	29 * 1	76-5640	Gasket	4 4 1
74-9080	Cable - Battery Pos.	32 1 1	76-5650	Washer - Thrust	4 8A 3
74-9090	Cable - Battery Neg.	32 * 1	76-5660	Pin-Dowel	4 6 2
74-9100	Pad - Forward Pedal	8 7 1	76-5670	Seal-Oil	4 7 2
74-9110	Pad - Reverse Pedal	8 9 1	76-5680	Shim - Orange .126/.123	4 52 A/R
74-9122	Hose - Vent	20 17 1	76-5680	Washer - Thrust	4 8 1
74-9480	Seal - Lip	5 6 1	76-5690	Washer - Thrust	4 9 2
74-9500	Screw - Cap Hex. Hd.	5 16 4	76-5700	Bearing-Thrust	4 10 1
74-9510	Washer - Flat	5 15 1	76-5710	Plug-Magnetic - Drain	4 11 1
75-0140	Spring - Conical	30 5 2	76-5720	Screw - Hex Hd.	4 12 13
75-0240	O-Ring	30 4 2	76-5740	Shim - Lt. Gr. .123/.120	4 * A/R
75-0400	Plate - Thrust	30 37 1	76-5760	Cover Assembly	4 16 1
75-0470	Kit - Cylinder Block	30 38 1	76-5780	Gear - Spur	4 18 1
75-0480	Pin	30 15 2	76-5820	Screw - Hex Flanged Hd.	4 22 1
75-0500	Bearing - Needle	30 13 1	76-5830	Ball - Steel	4 23 1
75-0510	Pin	30 40 1	76-5840	Spring - Shifter Fork	4 24 1
75-0550	Strainer - Tank	24 23 1	76-5850	Seal - Oil	4 25 1
75-2080	Seal Kit (for Ref. #41-42)	18 * 1	76-5860	Bearing - Needle	4 26 2
75-5470	Washer	28 53 4	76-5870	Bearing - Needle	4 27 3
75-6820	Hour Meter	20 42 1	76-5890	Ring - Retaining	4 30 2
75-9550	Valve - Check	24 33 1	76-5900	Fork - Shift	4 35 1
75-9790	Arm - Pivot, Rear	71 1 2	76-5930	Block - Drive	4 38 2
76-1880	Segmented 10" Wheel	79 * 2	76-5940	Pin - Drive	4 39 1
76-1910	Shaft - Pivot	13 3 2	76-5950	Pinion - Bevel	4 40 2
76-1920	Bearing - Sleeve	13 14 4	76-5960	Carrier	4 41 1
76-1930	Knob - Adjustment	13 27 1	76-5980	Screw - Hex Flanged Hd.	4 43 6
76-1940	Spring - Extension	13 1 2	76-5990	Carrier - Differential	4 45 1
76-2940	Bumper	13 9 2	76-6000	Gear - Bevel	4 47 2
76-4120	Mount W.A. - Engine	32 21 1	76-6010	Spacer	4 49 2
76-4180	Boot - Brake Rod	7 15 2	76-6010	Spacer - Transaxle	6 1 2
76-4220	Mount W.A. - Engine	32 30 1	76-6020	Washer - Thrust	4 50 2
76-4240	Plate - Adapter	6 2 2	76-6030	Seal - Oil	4 51 1
76-4260	Bushing	66 3 1	76-6040	Plug - Pipe	4 14 2
76-4260	Bushing - Sleeve	55 50 2	76-6040	Plug - Pipe	3 41 1
76-4300	Lever W.A. - Throttle	16 26 1	76-6270	Foam - Panel	18 3 1
76-4310	Support - Base, Battery	32 38 1	76-6300	Gerotor	11 16 1
76-4880	Plug - Electrical	15 2 1	76-6320	Spacer	11 17 1
76-4910	Stud	46 26 3	76-6360	Strip - Seal	1 11 2
76-4930	Washer	46 5 3	76-6361	Strip - Seal	2 49 1
76-4940	Gear - Pump, Injection	46 2 1	76-6380	Strip - Seal Access Panel	2 41 1
76-4950	Nut	46 1 1	76-6381	Seal - Strip	52 36 2
76-4990	Bracket	48 15 1	76-6382	Seal - Strip	52 37 2
76-5000	Screw	48 9 1	76-6570	Washer - Thrust	57 15 2
76-5010	Washer	40 23 3	76-6570	Washer - Thrust	55 51 2
76-5010	Washer - Spring	48 2 1	76-6580	Motor - Hydraulic	57 23 1
76-5010	Washer - Spring	43 7 5	76-6600	Pipe - Stand	20 4 1
76-5060	Screw	48 1 1	76-6610	Clevis - Brake	7 17 2
76-5070	Oil Pump Assembly	43 1 1	76-6910	Rotating Assembly	61 14 1
76-5090	Spring - Piston	43 3 1	76-6920	Back Plate Assembly	61 2 1
76-5100	Bolt - Shoulder	43 5 1	76-6930	Shaft - Drive	61 12 1
76-5130	Stud	37 6 6	76-6940	Housing Assembly	61 6 1
76-5170	Chain - Pump Drive	43 13 1	76-6950	Race - Thrust	61 9 1
76-5180	Washer - Copper	21 1 4	76-6960	Bearing - Thrust	61 10 1
76-5190	Fitting - Adjustable	21 2 2	76-6970	Insert - Camplate	61 5 1
76-5220	Element - Filter	21 5 1	76-6980	O-Ring	61 3 1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3318-222

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3318-222

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
86-0060	Sleeve - Tube	70	2	6	86-2360	Shaft - Spindle	76	11	1
86-0690	Spacer	85	3	3	86-2380	Strap - Deck H.O.C.	83	19	2
86-0700	Decal	72	8	1	86-2390	Pin - HOC	83	26	2
86-0710	Decal - H.O.C. Wing LH	78	15	1	86-2400	Latch - Arm	80	14	2
86-0720	Decal - HOC, LH	83	24	1	86-2440	Assembly - Hose	85	17	2
86-0730	Decal - HOC, RH	83	8	1	86-2450	Assembly - Hose	85	18	2
86-0740	Decal - Belt	83	31	1	86-2460	Assembly - Hose	85	7	2
86-0750	Decal - Belt LH	78	9	1	86-2470	Assembly - Tube	85	5	1
86-0760	Decal	72	13	1	86-2480	Assembly - Tube	85	2	1
86-0770	Decal - Quadfloat	73	6	1	86-2490	Assembly - Tube	85	4	1
86-0780	Decal - HOC	83	36	1	86-2501	Orifice	18	22	2
86-0790	Button - Guard	73	2	8	86-2510	Spring	83	10	2
86-1150	Yoke - End	88	1	2	86-2560	Spring	82	13	2
86-1160	Kit - Universal	88	2	2	86-2590	Rod - Clutch	80	4	2
86-1170	Shaft - Slip Yoke	88	3	1	86-2600	Washer	80	18	2
86-1180	Tube - Slip Yoke	88	4	1	86-2600	Washer - Belt Guide	78	4	2
86-1410	Pulley - Gearbox 6.50 Dia.	81	16	1	86-2600	Washer - Guide, Belt	72	18	2
86-1420	Hose - Hydraulic	85	21	1	86-2630	Spring - Compression	85	13	2
86-1440	Washer - Flat	78	6	2	86-2640	Assembly - Tube, Cylinder	85	20	2
86-1440	Washer - Flat	72	15	2	86-2650	Support - Spring	82	14	2
86-1440	Washer - Flat	83	51	4	86-2660	Stop - Cover	73	14	1
86-1440	Washer - Lock	82	11	8	86-2670	Decal - Pulley Adjustment	70	4	1
86-1480	Washer	74	3	1	86-2680	Switch	82	24	2
86-1480	Washer	75	3	1	86-2681	Switch Hardware Packet	82	*	1
86-1480	Washer	76	18	1	86-2710	Assembly - Hose, Rear	31	26	1
86-1490	Rod End - LH Thread	80	19	2	86-2730	Hose - Hydraulic	57	14	1
86-1550	Rod End - RH Thread	80	23	2	86-2770	Assembly - Tube	58	62	1
86-1560	Spacer	80	17	2	86-2770	Assembly - Tube, Traction	31	24	1
86-1570	Rod - Threaded	80	21	2	86-2790	Pin - Pivot, L.H.	67	17	1
86-1700	Pulley	74	4	1	86-2800	Hose - Suction	24	26	1
86-1710	Assembly - Clutch, Elect.	76	3	1	86-2830	Plate W.A. - Adapter, Main	27	46	1
86-1730	Drive Shaft	81	10	1	86-2860	Cover - Belt, Upper	12	34	1
86-1740	Spacer	76	5	1	86-2990	Mount - Throttle Cable	33	35	2
86-1790	Yoke W.A. - Pulley	70	8	3	86-3010	Filter - Transmission	24	16	1
86-1820	Bracket - Pulley	80	9	1	86-3020	Wire - Neutral, Switch	27	23	1
86-1830	Cover - Drive Shaft	81	11	1	86-3030	Cover - Wire	25	25	1
86-1840	Cover - Right Hand	73	5	1	86-3040	Coupling - Rubber	27	39	2
86-1850	Cover - Left Hand	73	17	1	86-3040	Flange - Rubber	25	40	1
86-1860	Cover - Center	73	7	1	86-3090	Gear Box	81	9	1
86-1870	Cover - Center, Right Hand	73	8	1	86-3100	Pulley - Gearbox 7.50 Dia.	81	*	1
86-1880	Cover - Center, Left Hand	73	16	1	86-3120	Hose - Hydraulic Cap End	54	8	1
86-1890	Hinge	73	10	4	86-3130	Hose - Hydraulic Rod End	54	7	1
86-1890	Hinge	83	25	4	86-3140	Hose - Hydraulic	57	6	1
86-1900	Plate - Hinge	73	3	4	86-3150	Assembly - Hose	24	38	1
86-1910	Harness - Wire, Deck	15	8	1	86-3150	Assembly - Hose	31	39	1
86-1910	Wire Harness	81	13	1	86-3160	Assembly - Hose	67	7	1
86-1920	Spring - Torsion	73	11	2	86-3170	Hose Assembly	67	15	1
86-1960	V-Belt	78	12	1	86-3190	Assembly - Hose	18	23	2
86-1960	V-Belt	72	16	1	86-3200	Hose Assembly	67	10	1
86-1970	V-Belt	81	1	1	86-3210	Assembly - Hose	9	51	1
86-1990	Washer	81	4	6	86-3220	Assembly - Hose	9	2	2
86-1990	Washer	25	42	4	86-3230	Assembly - Hose	18	32	1
86-2000	Bolt - Thin Head	70	9	3	86-3240	Assembly - Hose	18	18	1
86-2010	Pin - H.O.C. Pivot	72	10	1	86-5410	Panel - Console	16	17	1
86-2010	Pin - H.O.C., Wing	78	14	1	86-5420	Spacer - Rod, Shift	3	8	1
86-2020	Support - Gear Box	81	3	1	86-5430	Plate - Skid	6	26	1
86-2070	Nut	82	9	4	86-5440	Valve - Relief, Dual	18	36	1
86-2080	Ball Joint	82	10	4	86-5450	Coupler - Hydraulic	67	24	3
86-2090	Bushing	82	18	6	86-5460	Nipple - Coupler	85	11	3
86-2120	Roller	82	19	4	86-5470	Harness - Front	15	1	1
86-2130	Pin - Clevis	82	21	2	86-5470	Harness - Wire	25	9	1
86-2150	Lock W.A.	82	17	2	86-5470	Harness - Wire	9	52	1
86-2180	Bushing	82	22	4	86-5500	Assembly - Hose	24	20	1
86-2190	Cylinder - Hydraulic	83	14	2	86-5500	Assembly - Hose	31	38	1
86-2190	Cylinder Assembly	86	*	1	86-5570	Assembly - Hose	9	1	1
86-2230	Cover - Guide, RH	83	9	1	86-5580	Cylinder - Hydraulic	67	1	2
86-2260	Cover - Guide, LH	83	*	1	86-5590	Assembly - Pump	27	7	1
86-2280	Frame - Carrier, RH	83	20	1	86-5610	Clutch	25	37	1
86-2320	Frame - Carrier, LH	83	23	1	86-5620	Bearing	25	4	1
86-2340	Shaft - Spindle	74	9	1	86-5720	Assy. - Tube, Steering	9	45	1
86-2340	Shaft - Spindle	75	9	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.	Part No.	Description	Pg. No.	Ref. No.	Qty.
86-5740	Assy. - Tube, L.H. Front	9	44	1	92-0608	Cap - Thru	87	14	1
86-5750	Assy. - Tube, Drain	3	23	1	92-0609	Seal	87	13	1
86-5760	Assy. - Tube, Deck Return	18	33	1	92-0610	Cone - Bearing	87	11	1
86-5770	Assy. Tube, Relief Valve	18	28	1	92-0611	Cup - Bearing	87	12	1
86-5780	Tube - Hydraulic L.H.	54	2	1	92-0612	Nut - Lock	87	23	1
86-5780	Tube Assembly RH Rear	58	52	1	92-0613	Washer - Lock	87	22	1
86-5790	Tube - Hydraulic R.H.	54	3	1	92-0614	Shaft - Pinion	87	19	1
86-5790	Tube Assembly LH Rear	58	51	1	92-0615	Seal	87	18	1
86-5810	Assembly - Tube	31	41	1	92-0616	Cone - Bearing	87	15	2
86-5810	Assembly - Tube	24	49	1	92-0617	Cup - Bearing	87	16	2
86-5830	Spring - Compression	7	5	2	92-0618	Hub	87	17	1
86-5840	Plate - Spring	7	4	2	92-0619	Gear - LH	87	21	1
86-5860	Nipple	24	18	1	92-0620	Shaft - Thru	87	8	1
86-5860	Nipple	3	35	2	92-0625	Idler Pulley Assembly	78	5	1
86-5890	Arm - Lift, R.H.	67	22	1	92-0625	Idler Pulley Assembly	80	6	2
86-5900	Tire	6	17	2	92-0625	Idler Pulley Assembly	70	11	3
86-5910	Tire	54	29	2	92-0625	Idler Pulley Assembly	72	19	1
86-5910	Tire	57	37	2	92-0626	Assembly - Tube W.A.	70	5	3
86-5940	Spacer - Bearing	27	33	1	92-0627	Armature & Pulley Assy.	77	5	1
86-7470	Diode	15	7	4	92-0636	Shaft Assembly	5	3	1
86-8100	Ball - Joint	83	6	2	92-0639	Case Assembly	4	15	1
86-8130	Assembly - Hose	18	24	1	92-0640	Bearing - Needle	4	28	1
87-5100	Washer - Flat	32	14	4	92-0641	Shaft - Counter	4	20	1
87-6270	Socket - Light	17	*25	4	92-0642	Gear - Output	4	17	1
88-1140	Spacer - Bearing, Lower	25	15	1	92-0643	Gear - Ring	4	37	1
88-1150	Spacer - Clutch	25	33	1	92-0644	Gear - Cluster	4	19	1
88-1160	Rod - Traction Linkage	8	11	1	92-0645	Shaft & Gear - Shifter	4	21	1
88-1170	Belt - Matched Set	25	19	1	92-0646	Bearing - Ball	4	42	2
88-1190	Pin - Pivot W.A.	67	16	2	92-0647	Rod - Shift (High-Low)	4	36	1
88-1200	Pin - Pivot, R.H.	67	*	1	92-1180	Seat Assembly	14	1	1
88-1220	Plate	53	2	2	92-1180	Seat Assembly	13	5	1
88-1260	Transaxle - 2 Speed	3	17	1	92-1351	Plug - Pulley	28	66	1
88-1280	Cover - Belt, Lower	25	35	1	92-1352	Plug	30	42	3
88-1290	Bracket - Rod, Seat	31	16	1	92-1353	Shim	30	10	1
88-1300	Cover - Seat Front	2	40	1	92-1354	Cap - End	30	1	1
88-1310	Foam - Cover	2	39	1	92-1355	Plug - Special	30	2	2
88-1360	Washer	52	34	2	92-1356	Valve - Screw 415 BAR	30	7	2
88-1360	Washer - Rear Weight	53	3	6	92-1357	Pin	30	43	1
88-1370	Plate - Brake	26	3	1	92-1358	Coupling	30	41	1
88-1380	Fitting - Adapter	18	20	3	92-1364	Guide - Switch, Pin	3	46	1
88-1420	Spring - Compression	12	27	1	92-1365	Plunger - Switch	3	47	1
88-1430	Nut - Lock, Bearing	27	48	1	92-1366	Spring - Compression	3	51	1
88-1440	Washer - Lock	27	47	1	92-1367	Arm - Traction Linkage	8	13	1
88-1450	Nut - Lock, Bearing	25	30	1	92-1370	Decal - Warning	8	44	1
88-1460	Washer - Lock	25	32	1	92-2556	Motor - Fixed Displacement	3	37	1
88-1470	Plate - Control, Pump	27	22	1	92-2567	Spring	19	21	1
88-1510	Screw - Special	25	23	1	92-2568	Poppet	19	22	1
88-1520	Cartridge - Relief	18	41	1	92-2571	Plug	5	4	2
88-1530	Cartridge - Relief	18	42	1	92-2572	End Cap Assembly	5	14	1
88-1610	Assembly - Field Rotor	26	8	1	92-2581	Neutral Switch Arm Assy.	27	51	1
88-1620	Assembly - Armature	26	5	1	92-2586	Arm - Brake Linkage	8	24	2
88-3590	Nut - Lock	68	14	1	92-4033	Door Trap	80	26	2
88-3600	Piston	68	13	1	92-4036	Cap - Rod	82	29	2
88-3610	Assembly - Barrel	68	15	1	92-4037	Screw - Hex. Socket Hd.	82	30	2
88-3620	Assembly - Rod	68	1	1	92-5521	Tether Strap	14	8	2
88-3630	Head	68	5	1	92-5581	Ring - Retaining, Internal	72	25	1
88-3640	Kit - Seal	68	*	1	92-5581	Ring - Retaining, Internal	78	26	1
88-3670	Piston	56	3	1	92-5581	Ring - Retaining, Internal	84	54	2
88-3730	Body Assembly	29	14	1	92-5583	Washer	72	26	1
88-3740	Idler Gear Assembly	29	2	1	92-5583	Washer	78	27	1
88-3750	Drive Gear Assembly	29	3	1	92-5583	Washer	84	55	2
88-3760	Capscrew	29	4	8	92-5804	Pedal - Brake L.H.	8	21	1
88-3770	Spring	29	21	1	92-5805	Brake Pedal Assembly R.H.	8	23	1
88-8950	Decal - Warning	25	45	1	92-5806	Shaft - Brake	8	26	1
92-0600	Kit - Seal	86	*	1	92-5807	Retainer - Hardlines	85	22	2
92-0602	Assembly - Barrel	86	13	1	92-5810	Assembly - Rod End	86	2	1
92-0603	Piston & Rod Assembly	86	5	1	92-5810	Ball Joint	83	12	2
92-0604	Head - Ring Retaining	86	7	1	92-5811	Assembly - Rod End	86	14	1
92-0605	Housing	87	5	1	92-5811	Ball Joint	83	16	2
92-0606	Key	87	9	1	92-5816	Bolt - Blade	74	14	1
92-0607	Gear - RH	87	10	1	92-5816	Bolt - Blade	75	14	1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3318-222

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3318-222

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3318-222

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

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

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3318-222

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
32128-23	Nut - Flange Lock	57	1	6	33093-00	Washer - Flat	33	42	1
32128-23	Nut - Hex. Flange Hd.	81	15	4	33104-016	Screw - Hex. Hd. Flange	33	29	2
32128-25	Nut - Flange Lock	13	23	4	33104-020	Screw - Hex. Hd. Flange	34	19	2
32128-25	Nut - Side Lock	71	16	8	33105-020	Screw - Hex. Hd. Flange	33	24	1
32128-25	Nut - Side Lock	79	16	8	340-2	Adapter - Straight	85	12	2
32128-33	Nut - Flange Lock	17	18	4	340-2	Fitting - Adapter	18	25	1
32128-33	Nut - Flange, Lock	58	53	1	340-4	Fitting - Hydraulic	31	28	1
32128-33	Nut - Lock	12	10	2	340-6	Fitting - Adapter	24	31	1
32128-37	Nut - Lock, Flange Hd.	32	13	3	340-7	Fitting - Hydraulic	31	31	2
32128-43	Nut - Lock, Flange Head	70	1	3	340-8	Fitting - Adapter	24	14	1
32128-49	Nut - Flange Head	25	28	3	340-17	Fitting - Hydraulic 90°	31	3	2
32128-49	Nut - Hex. Flange	52	44	2	340-17	Fitting - Hydraulic 90°	24	39	
32128-49	Nut - Lock	55	59	2	340-18	Fitting - Hydraulic 90°	31	27	2
32128-49	Nut - Lock	58	61	2	340-55	Fitting - Hydraulic 45°	31	23	1
32128-50	Nut - Lock, Flange Hd.	6	9	4	340-70	Nut - Bulkhead	57	5	3
32128-54	Nut - Flange	86	1	2	340-70	Nut - Bulkhead	54	6	2
32128-54	Nut - Flange	78	7	1	340-70	Nut - Bulkhead	10	53	3
32128-54	Nut - Flange	82	12	8	340-70	Nut - Lock, Bulkhead	85	1	6
32128-54	Nut - Flange	72	14	1	340-71	Union - Bulkhead	10	54	1
32128-54	Nut - Flange	83	17	2	340-72	Fitting - Hydraulic 90°	52	25	2
32136-2	Nut	83	5	2	340-74	Nut - Bulkhead	57	13	1
32136-13	Nut - Slotted	54	38	2	340-74	Nut - Bulkhead	52	30	2
32136-14	Nut - Hex. Slotted Hd.	55	61	2	340-77	Elbow - Hydraulic 90°	85	16	2
32136-14	Nut - Hex. Slotted Hd.	58	63	2	340-77	Fitting - Hydraulic	57	35	1
32144-4	Screw - Hex. Washer Hd.	17	12	6	340-86	Fitting - Hydraulic, Tee	85	15	2
32144-4	Screw - Hex. Washer Hd.	16	14	10	340-87	Fitting - Hydraulic	85	9	3
32144-4	Screw - Hex. Washer Hd.	9	28	4	340-97	Fitting - Hydraulic 90°	54	44	2
32144-4	Screw - Thread Forming	24	44	4	340-97	Fitting - Hydraulic 90°	57	48	2
32144-11	Screw - Hex. Flange Hd.	54	9	2	340-99	Fitting - Hydraulic 90°	18	35	1
32144-11	Screw - Hex. Flange Hd.	8	28	4	340-101	Fitting - Hydraulic	3	25	1
32144-11	Screw - Hex. Washer Hd.	24	8	2	340-109	Fitting - Tee	24	42	1
32144-11	Screw - Hex. Washer Hd.	25	8	5	340-125	Fitting - Hydraulic Tee	67	14	1
32144-11	Screw - Hex. Washer Hd.	1	12	17	340-132	Fitting - Hydraulic 90°	67	13	2
32144-11	Screw - Hex. Washer Hd.	12	31	3	340-138	Fitting - Hydraulic	9	4	3
32144-11	Screw - Hex. Washer Hd.	9	32	6	340-139	Fitting - Hydraulic	24	22	1
32144-11	Screw - Hex. Washer Hd.	32	39	2	340-139	Fitting - Hydraulic 90°	57	24	1
32144-11	Screw - Hex. Washer Hd.	18	40	2	340-140	Fitting - Hydraulic, Tee	67	5	1
32144-11	Screw - Hex. Washer Hd.	57	50	2	340-141	Fitting - Hydraulic	24	29	1
32144-18	Screw - Hex. Washer Hd.	20	41	2	340-147	Fitting - Hydraulic	24	17	1
32144-26	Screw - Hex. Washer Hd.	27	11	2	340-155	Fitting - Hydraulic	3	34	2
32144-41	Screw - Hex. Washer Hd.	83	15	12	340-155	Fitting - Hydraulic 90°	31	13	2
32144-57	Screw - Hex. Washer Hd.	9	48	2	340-156	O-Ring	57	21	1
32144-70	Screw - Hex. Flange Hd.	80	10	1	340-157	Fitting - Tee	31	27	1
32144-70	Screw	73	15	2	340-159	Fitting - Hydraulic	9	50	3
32144-70	Screw - Hex. Flange Hd.	81	12	3	340-159	Fitting - Hydraulic 90°	31	40	2
32148-10	Insert - Threaded	32	6	3	340-165	Fitting - Hydraulic	31	30	1
32148-10	Insert - Threaded	52	7	4	340-166	Fitting	85	19	1
32148-10	Insert - Threaded	72	29	1	340-167	Fitting - Hydraulic	3	32	2
32148-10	Insert - Threaded	78	30	1	351-78	Edging - Seat	13	6	1
32148-10	Insert - Threaded	2	35	10	351-80	Clip - Edging	13	8	1
32148-10	Insert - Threaded	20	38	3	353-508	Plug	57	43	1
32148-10	Insert - Threaded	84	58	1	353-508	Plug Assembly	19	6	3
32151-10	Ring - Retaining	54	19	2	353-550	Plug ( 2wd Only)	24	40	1
32151-62	Ring - Retaining	3	40	1	353-551	Plug	24	9	2
32151-72	Retainer - Push-On	52	20	2	353-551	Plug Assembly	30	22	3
32151-72	Retainer - Push-On	17	24	2	353-947	Cap - Fitting	31	1	2
32151-72	Ring - Retaining	1	32	2	353-947	Cap - Fitting	24	19	1
32151-73	Ring - Clip	27	2	1	353-947	Cap - Fitting	18	29	1
32151-76	Ring - Retaining	6	15	2	353-947	Cap - Fitting	3	36	2
32151-96	Ring - Retaining	57	30	2	354-77	Fitting - Test Port	18	30	1
32151-104	Ring - Retaining	57	9	2	354-77	Fitting - Test Port	31	32	2
32151-104	Ring - Retaining	54	36	1	354-78	Connector - Hose	31	35	1
32152-1	Nut - Lock	8	45	3	354-87	Fitting - Hydraulic 90°	24	21	1
32152-5	Nut - Lock	55	47	2	354-94	Fitting - Barb	20	16	1
32153-2	Nut - Lock	13	13	1	354-95	Fitting - Barb	20	14	1
33004-00	Nut - Hex. Flange	34	16	2	354-103	Male Hose Barb	24	45	1
33023-00	Nut - Lock, Nylon Insert	33	43	1					

\*Not Illustrated

# TABLE OF CONTENTS

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