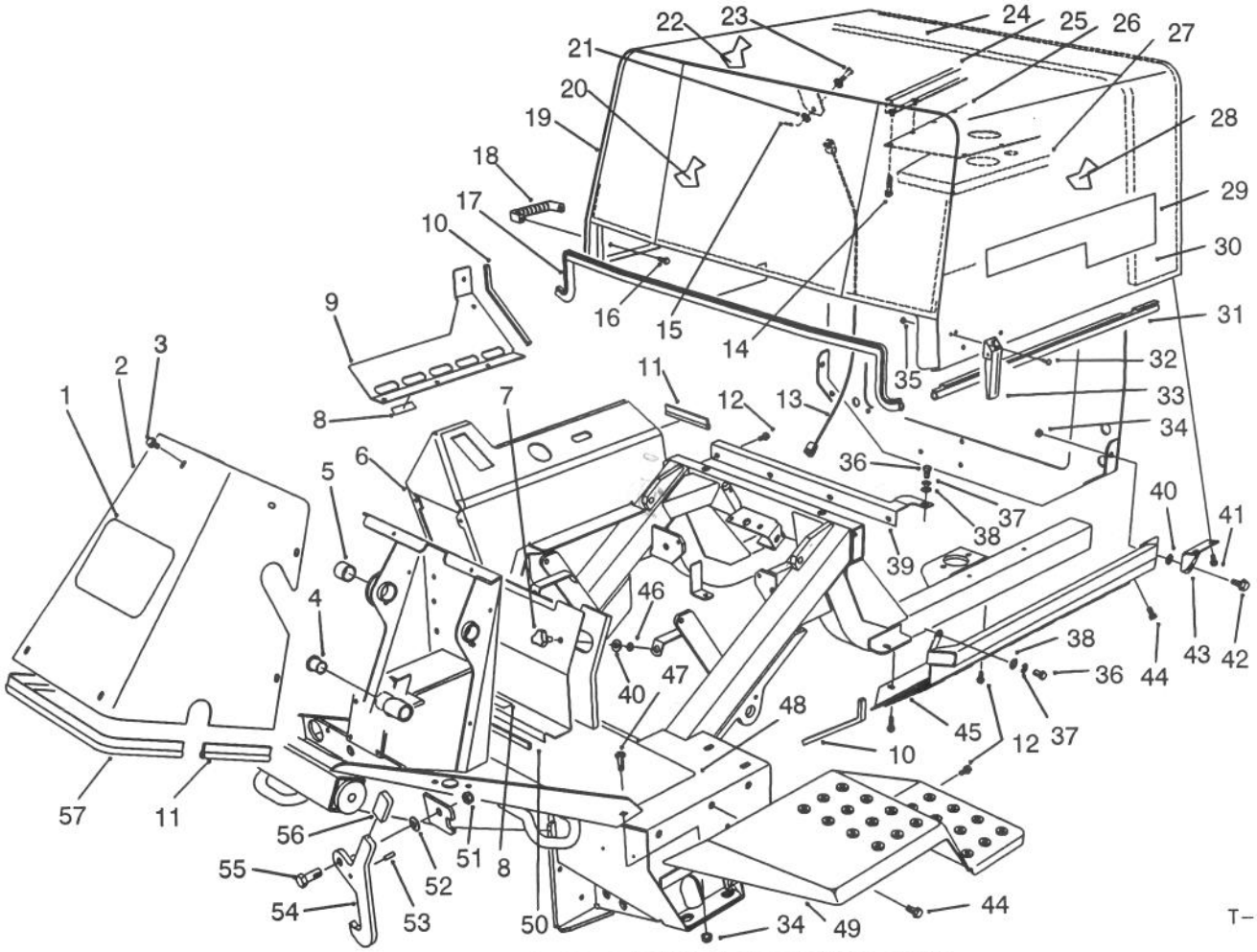
FORM NO. 3315–121

TORO®

MODEL NO.30450–20001 & UP
MODEL NO.30455–20001 & UP
MODEL NO.30401–20001 & UP

PARTS CATALOG

GROUNDSMASTER® 455D
TRACTION UNIT WITH CUTTING DECK



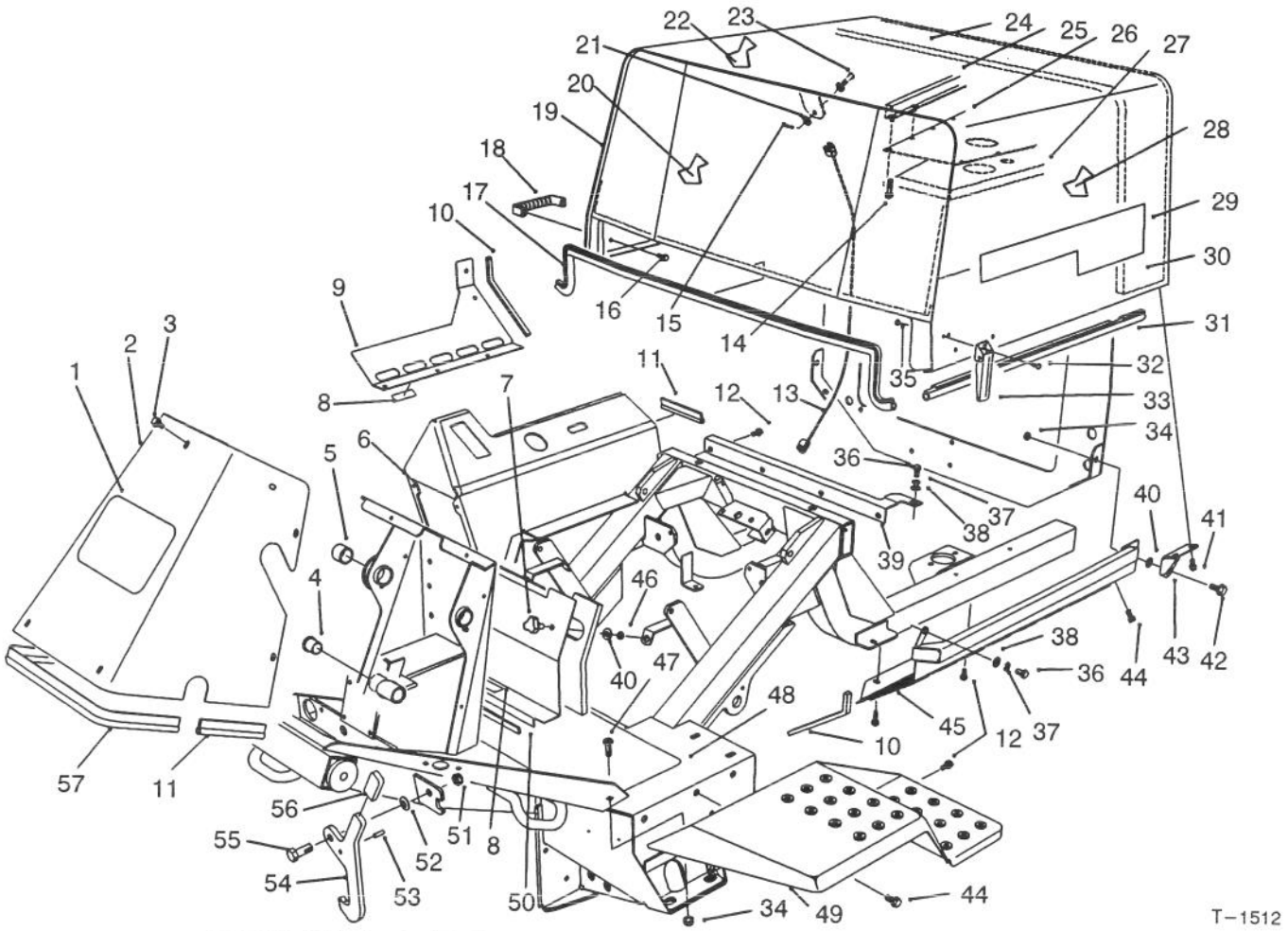
FRAME & BODY ASSEMBLY

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)	1
7	77–3620	Retainer – Cover	2
8	70–2560	Decal – Oil	
		(Model No. 30450)	1
		(Model No. 30455)	2
9	76–8290	Shroud – Lower R.H.	1
10	68–7573	Seal – Shroud	2
11	76–6360	Strip – Seal	2
12	32144–11	Screw – Hex. Washer Hd.	10
13	66–2871	Cable – Hood	1

Ref. No.	Part No.	Description	No. Used
14	32104–76	Screw – Slot. Acorn Hd.	17
15	3272–10	Pin – Cotter	1
16	46–8091	Screw – Hex. Washer Hd.	4
17	76–6470	Strip – Seal, Hood Front	1
18	65–5100	Handle – Hood	2
19	14–7479	Hood W.A.	1
20	88–1500	Foam – Firewall	1
21	62–1230	Washer	2
22	86–2210	Foam – Hood, Top Right	1
23	283–58	Pin – Clevis	1
24	86–2520	Foam – Hood, Right Rear	1
25	86–2220	Foam – Hood, Top Left	1
26	86–1650	Plate – Duct, Air	1
27	86–1690	Foam – Intake, Air	1
28	86–2200	Foam – Hood, Rear	1
29	84–1460	Decal – Groundsmaster 455D	2

TPS

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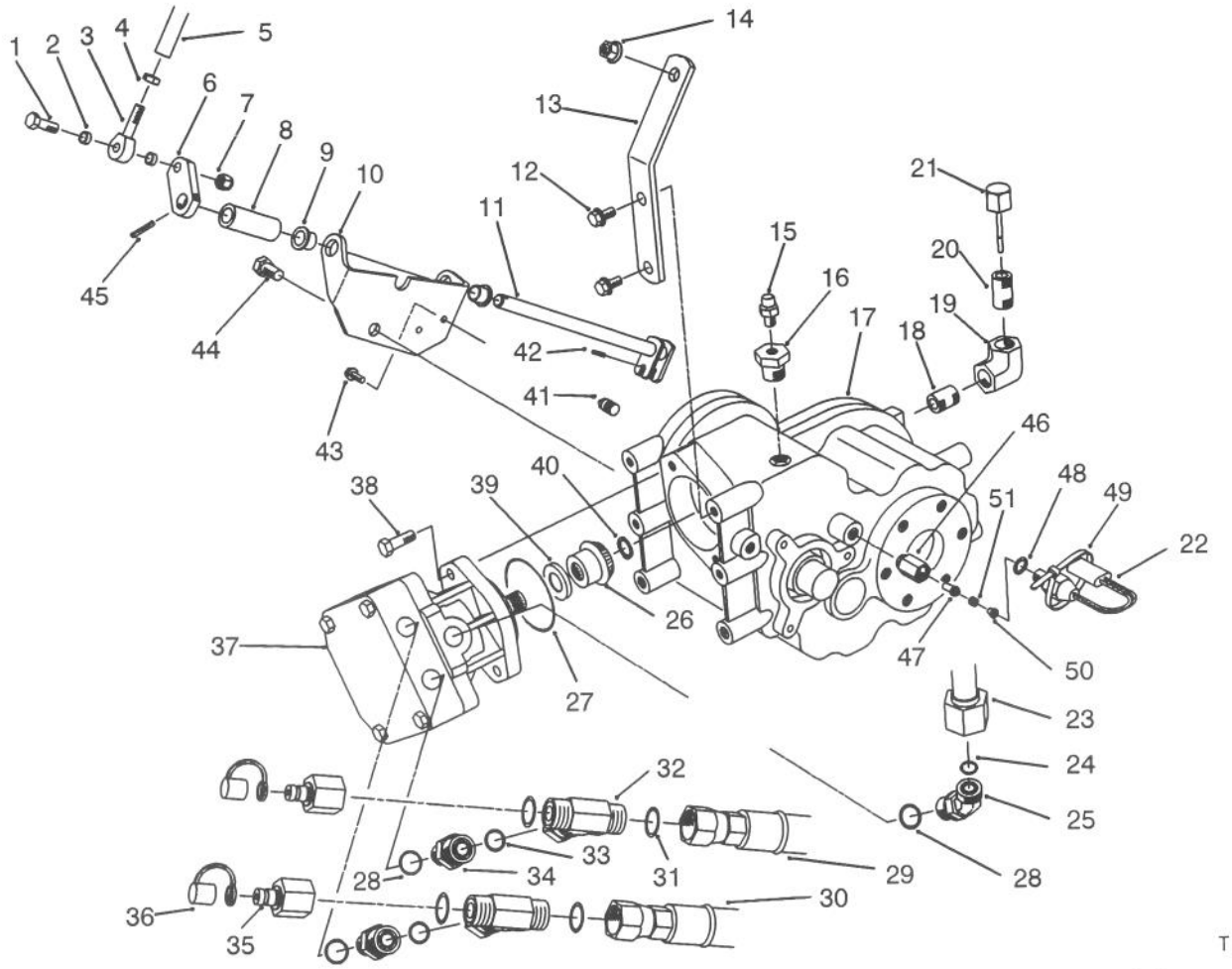


FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
30	86–2530	Foam – Hood, Left Rear	1
31	3296–25	Nut – Lock	2
32	3290–359	Screw – Round Hd.	2
33	69–3020	Latch – Draw	2
34	3290–357	Nut – Lock, Flange Hd.	4
35	3296–2	Nut – Lock	2
36	323–34	Screw – Cap Hex. Hd.	2
37	3253–21	Washer – Lock	2
38	3256–24	Washer – Flat	2
39	76–8430	Support – Hood, Front	1
40	3256–3	Washer – Flat	2
41	3234–14	Screw – Hex. Washer Hd.	4
42	67–0870	Screw – Shoulder	2
43	76–9160	Bracket – Hood, Pivot L.H.	1
*	76–9170	Bracket – Hood, Pivot R.H.	1

Ref. No.	Part No.	Description	No. Used
44	3234–12	Screw – Hex. Washer Hd.	9
45	82–3600	Shroud – Lower, L.H.	1
46	32151–72	Retainer – Push–in	2
47	3231–22	Bolt – Carriage	2
48	74–4090	Tread – Foot	1
49	76–9300	Fender L.H.	1
*	76–9340	Fender R.H.	1
50	76–6380	Strip – Seal Access Panel	1
51	3296–25	Nut – Lock	2
52	3290–483	Washer – Belleville	2
53	32121–11	Pin – Roll	2
54	84–1490	Latch – Lockup	2
55	325–5	Screw – Cap Hex. Hd.	2
56	48–7081	Sleeve	2
57	76–6361	Strip – Seal	1

*Not Illustrated



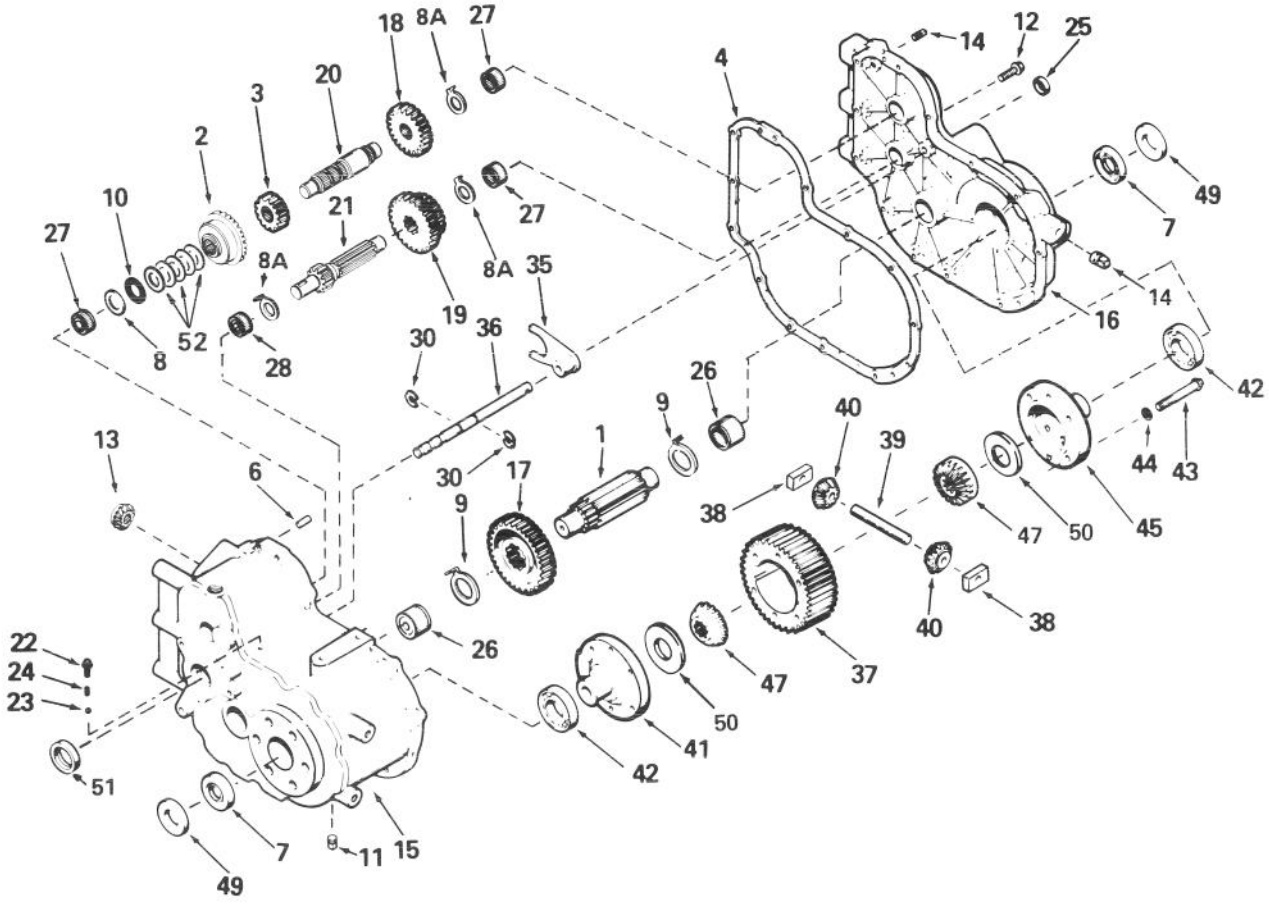
T–1506

FRONT TRANSAXLE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323–9	Screw – Cap Hex. Hd.	1
2	76–9100	Spacer	2
3	2411–36	Rod – End	1
4	3220–3	Nut – Jam	2
5	84–0690	Rod – Shift	1
6	77–4260	Link – Shift	1
7	3296–59	Nut – Lock	1
8	86–5420	Spacer – Rod, Shift	1
9	3–1506	Bushing – Flange	2
10	84–1610	Support – Rod, Shift	1
11	84–0700	Rod W.A. – Shift	1
12	3234–12	Screw – Hex. Flange Hd.	2
13	84–1600	Bracket – Support, Trans.	1
14	3290–357	Nut – Flange Head	1
15	302–14	Plug – Vent	1
16	2812–11	Bushing – Reducer	1
17	88–1260	Transaxle – 2 Speed (Incl. Ref. No.26 & 41)	1
18	289–50	Nipple – Pipe	1
19	2813–14	Elbow – Pipe 90°	1
20	289–44	Nipple – Pipe	1
21	27–3710	Dipstick	1
22	72–4320	Switch – Ball	1
23	86–5750	Assy. – Tube, Drain	1
24	237–40	O–Ring	1
25	340–101	Fitting – Hydraulic	1
26		Pinion – Spiral	1
27	237–167	O–Ring	1

Ref. No.	Part No.	Description	No. Used
28	237–79	O–Ring	3
29	86–2900	Assy. – Hose, Traction L.H.	1
30	86–2890	Hose, Traction R.H. (2WD)	1
*	86–2920	Hose, Traction R.H. (4WD)	1
31		O–Ring	4
32	340–167	Fitting – Hydraulic	2
33	237–65	O–Ring	2
34	340–155	Fitting – Hydraulic	2
35	86–5860	Nipple	2
36	353–947	Cap – Fitting	2
37	86–5630	Motor – Fixed Displacement	1
38	323–7	Screw – Cap Hex. Hd.	2
39	82–5380	Shim – Pinion .045	1
*	82–5390	Shim – Pinion .038	1
*	82–5400	Shim – Pinion .052	1
40	32151–62	Ring – Retaining	1
41	76–6040	Plug – Pipe	1
42	32121–24	Pin – Roll	1
43	3234–4	Screw – Cap Hex. Hd.	2
44	325–2	Screw – Cap Hex. Hd.	1
45	32121–6	Pin – Roll	1
46	92–1364	Guide – Switch, Pin	1
47	92–1365	Plunger – Switch	1
48	237–30	O–Ring	1
49	3290–379	Tie	1
50	43–8610	Guide – Spring & Ball	1
51	92–1366	Spring – Compression	1

*Not Illustrated



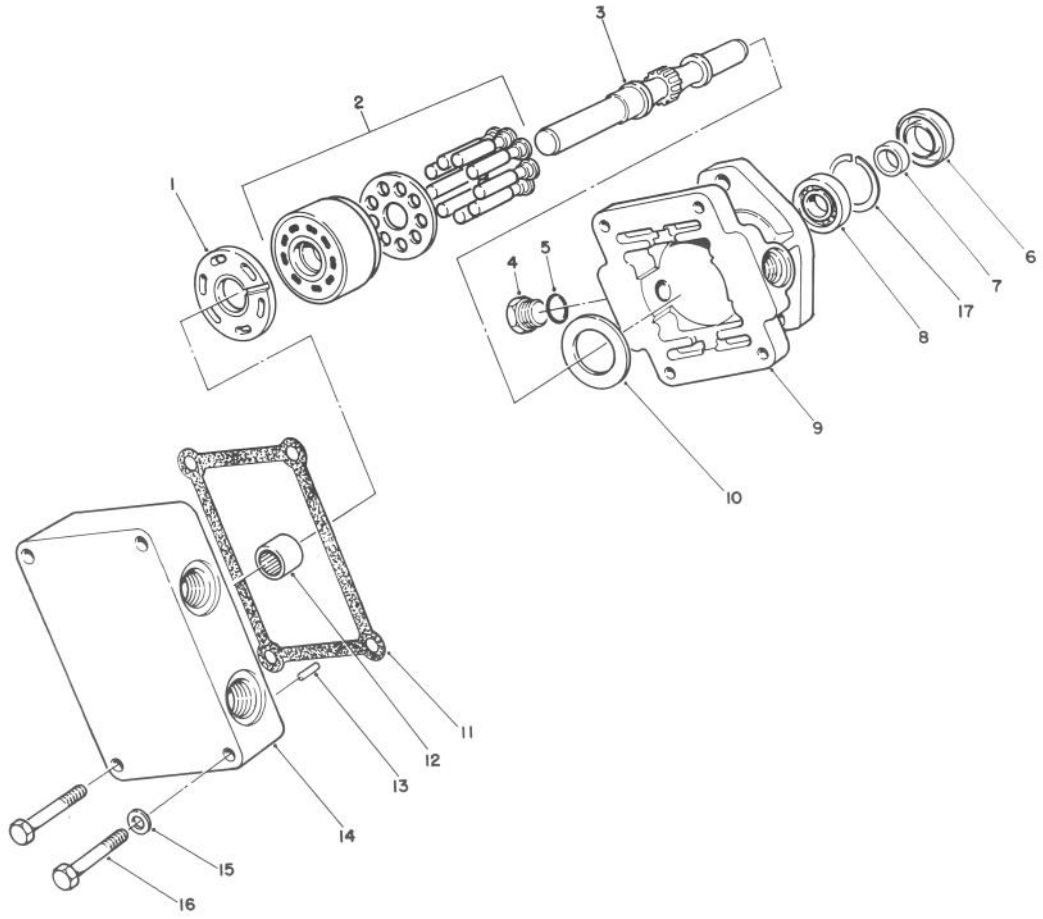
T–1008

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

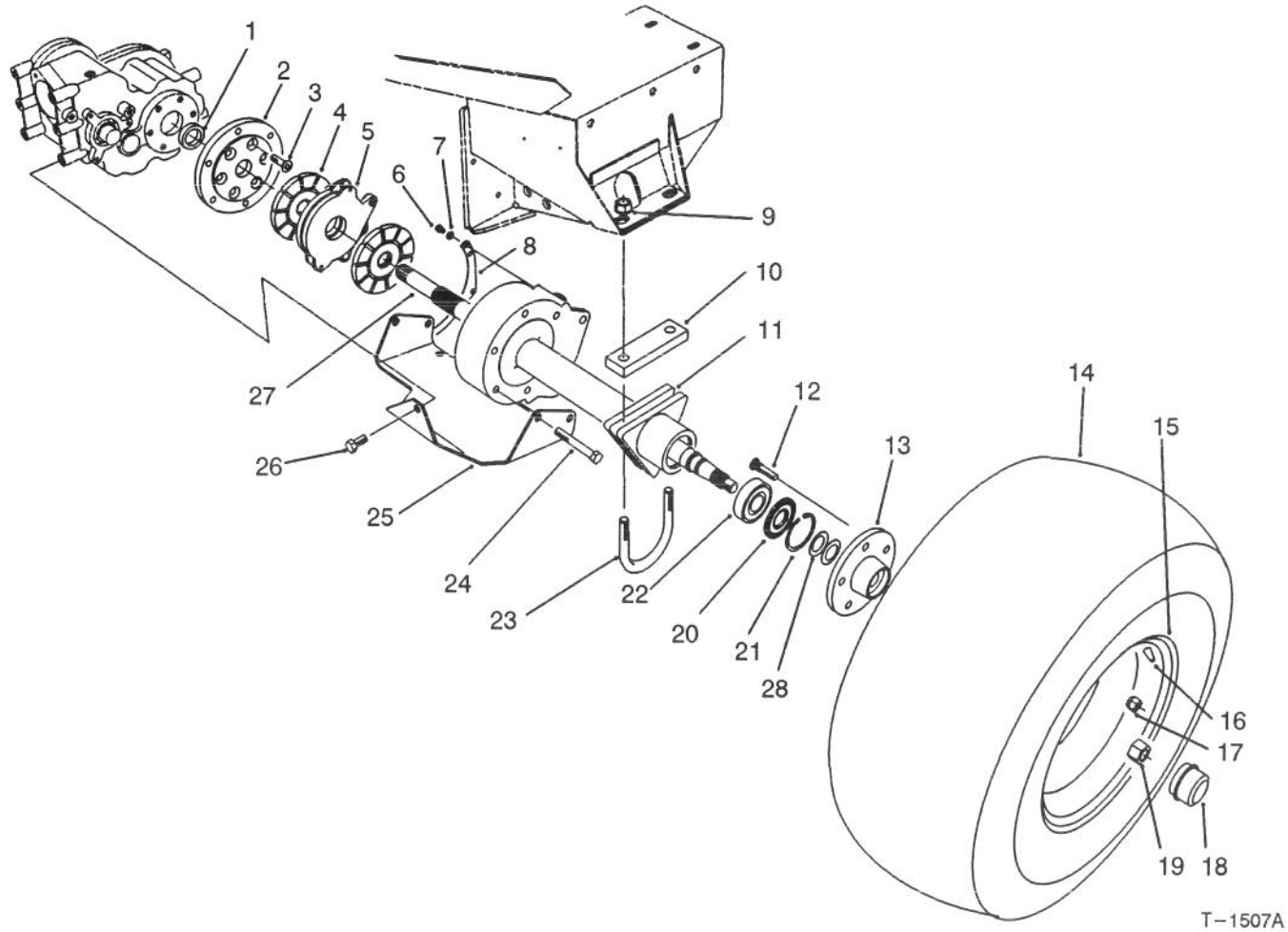


T–1493

HYDRAULIC MOTOR NO. 86–5630

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	74–9450	Plug	1
5	237–65	Seal – O–Ring	1
6	74–9480	Seal – Lip	1
7		Sleeve	1
8		Bearing – Roller	1

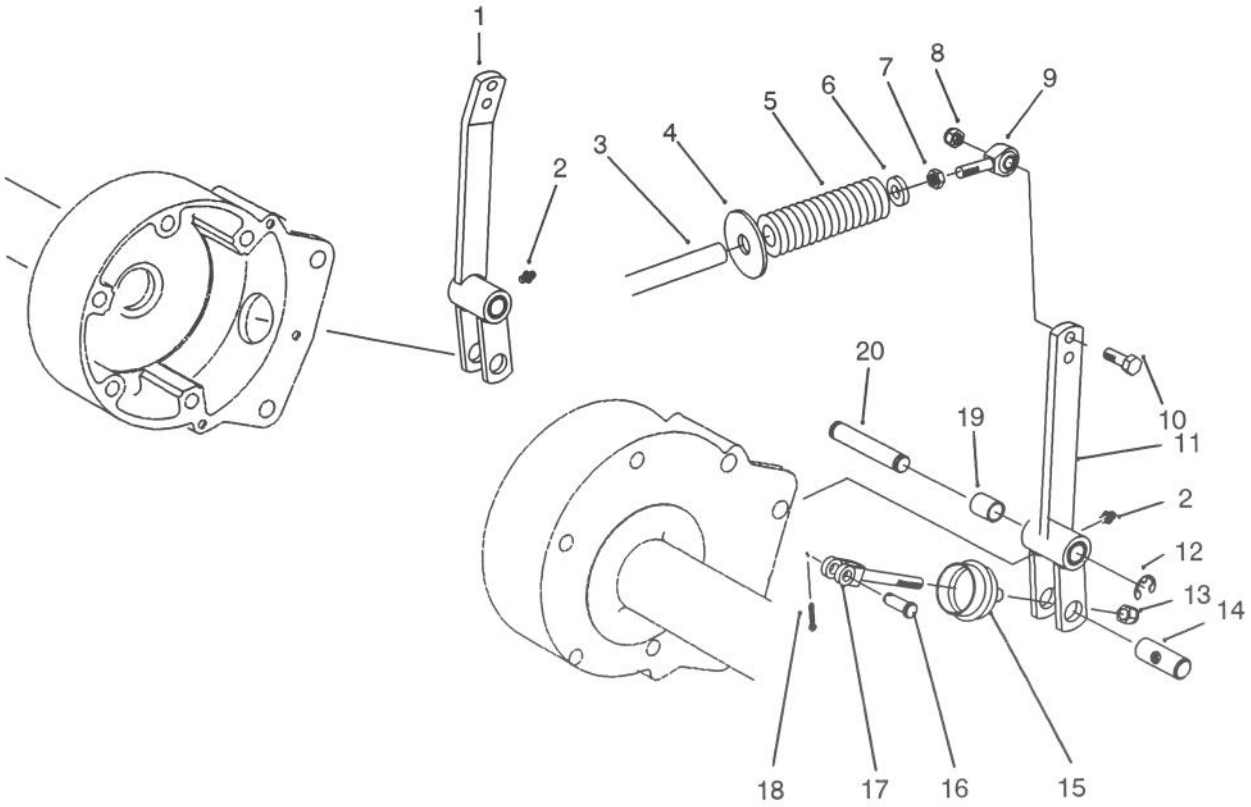
Ref. No.	Part No.	Description	No. Used
9	82–4990	Housing – Fixed	1
10	25–2380	Plate – Thrust	1
11	74–9440	Gasket	1
12	77–3640	Bearing	1
13	25–2430	Pin – Straight	1
14	74–9430	Cap – End	1
15	74–9510	Washer – Flat	1
16	74–9500	Screw – Cap Hex. Hd.	4
17	82–4970	Ring – Retaining	1



FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76–6010	Spacer – Transaxle (Supplied with transaxle)	2
2	76–4240	Plate – Adapter	2
3	3274–87	Screw – Flat Hd. Socket	12
4	74–3640	Disc – Brake	4
5	74–3630	Actuator – Brake	2
6	322–1	Screw – Cap Hex. Hd.	6
7	3253–4	Washer – Lock	6
8	76–8300	Cover – Housing, Axle	2
9	32128–50	Nut – Lock, Flange Hd.	4
10	84–1620	Plate – Support, Axle	2
11	88–1560	Housing – Axle	2
12	242–34	Stud – Axle	10
13	74–5440	Hub – Wheel	2
14	86–5900	Tire	2

Ref. No.	Part No.	Description	No. Used
15	217–124	Rim	2
16	232–27	Stem – Valve	2
17	23–7270	Nut – Wheel	10
18	241–119	Cap – Dust	2
19	3296–67	Nut – Lock	2
20	88–1580	Seal – Ring	2
21	32151–88	Ring – Retaining	2
22	88–1590	Bearing – Ball	2
23	84–1590	U–Bolt	2
24	325–15	Screw – Cap Hex. Hd.	10
25	86–5430	Plate – Skid	1
26	325–4	Screw – Cap Hex. Hd.	1
27	88–1570	Axle – Splined	2
28	88–1600	Washer – Belleville	4

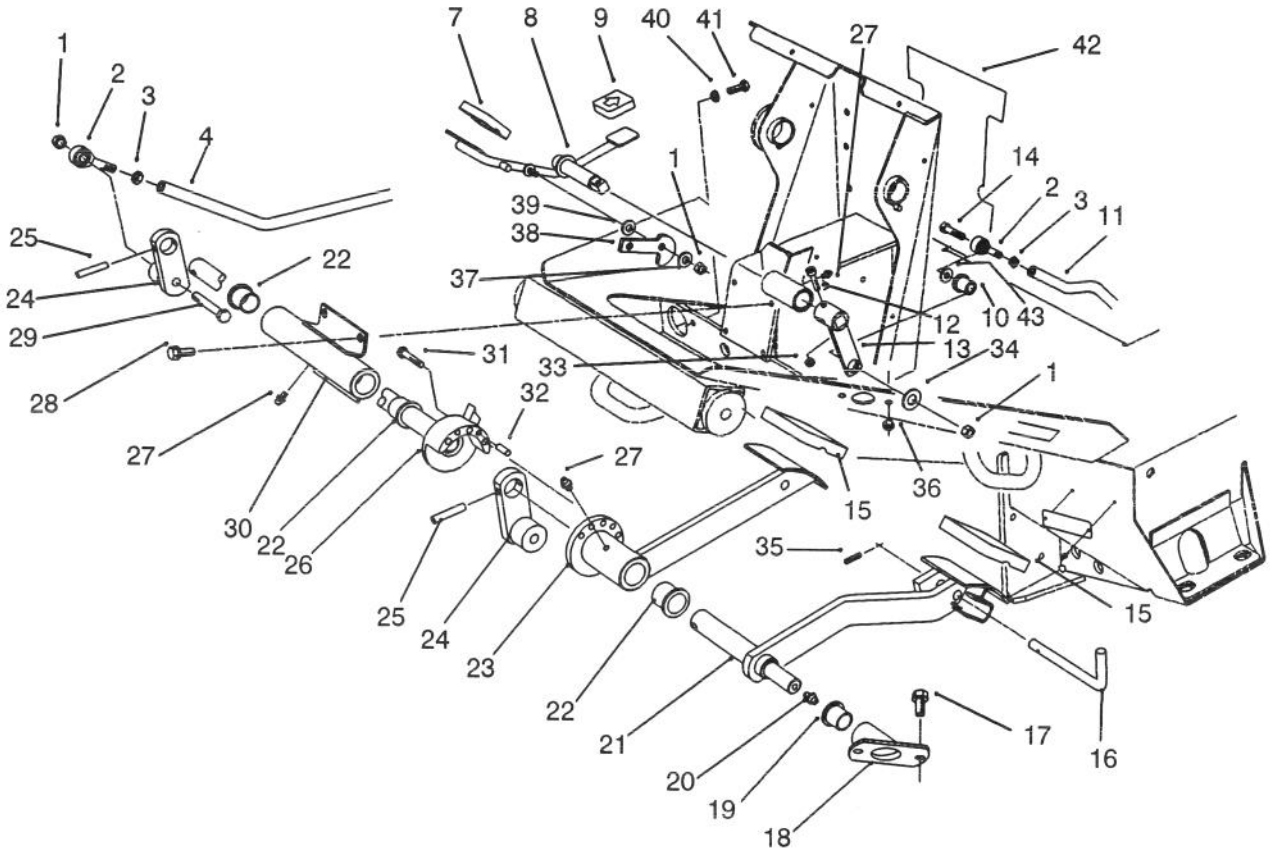


T–1491

BRAKE LINKAGE ASSEMBLY

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

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

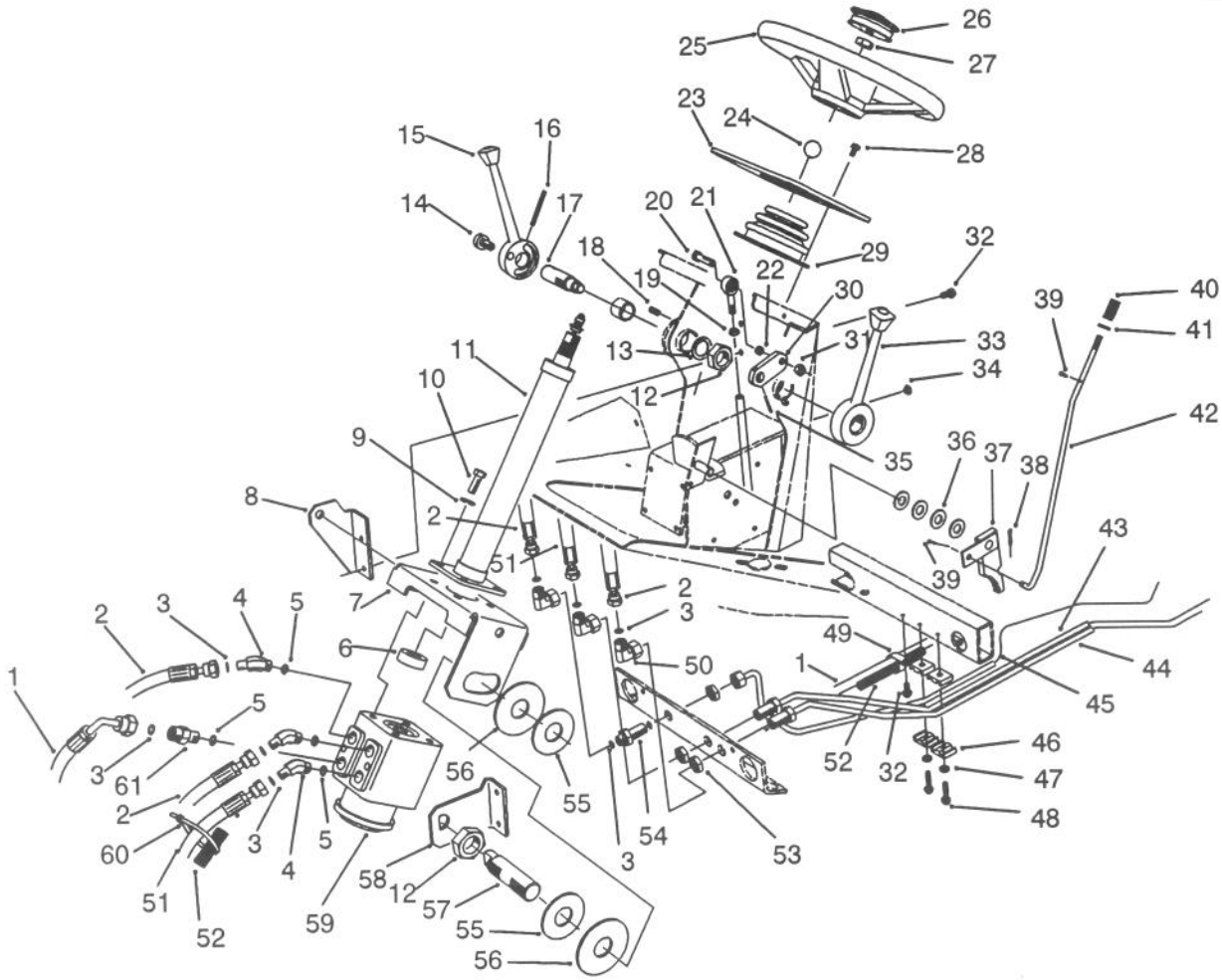


T–1508

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	4
11	88–1160	Rod – Traction Linkage	1
12	3274–19	Screw – Cap Socket Hd.	1
13	82–5030	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	76–8890	Pedal – Brake L.H.	1
22	256–10	Bushing – Flange	4
23	76–8930	Brake Pedal Assembly R.H. (Incl. Ref. #22 & 27)	1

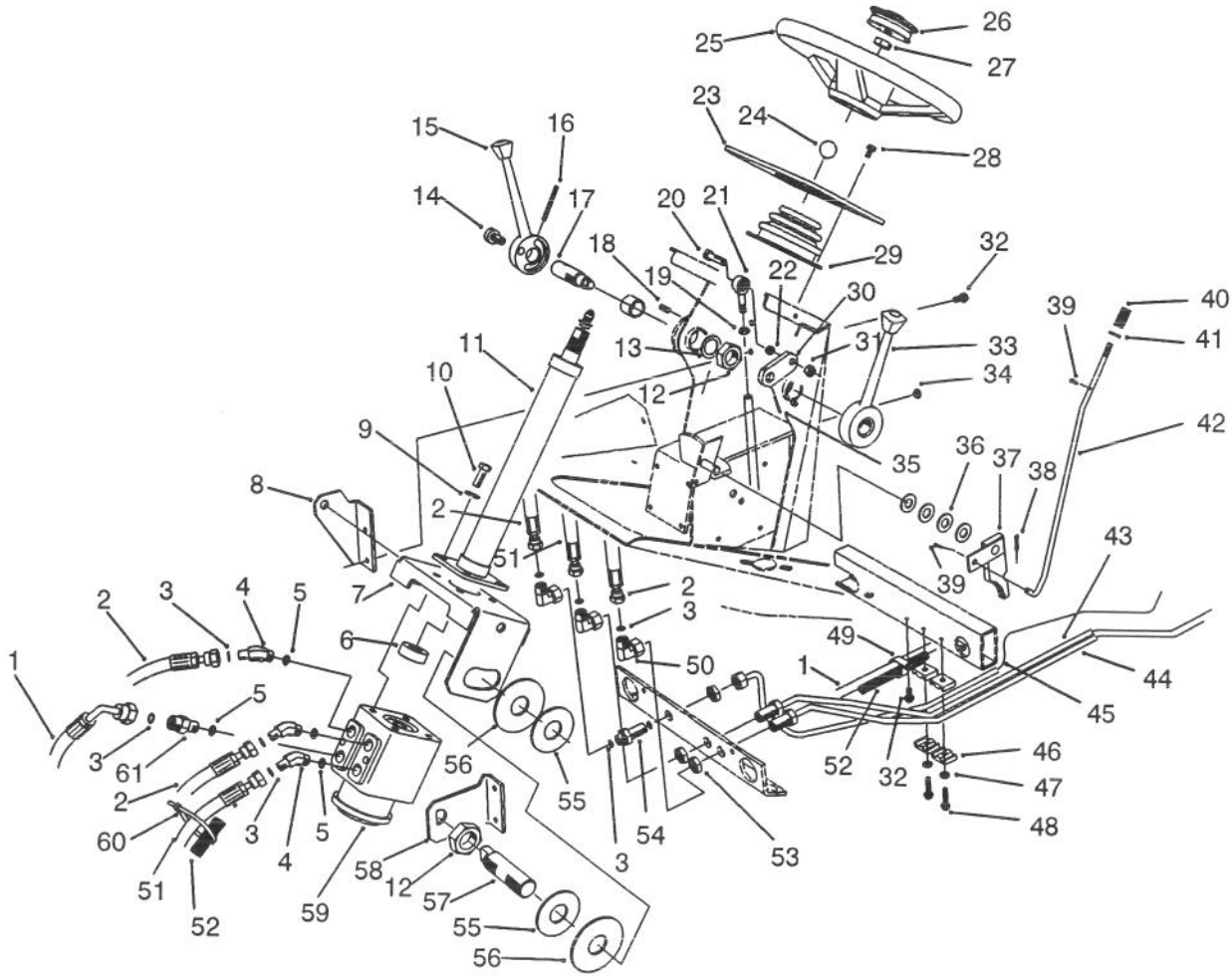
Ref. No.	Part No.	Description	No. Used
24	76–8830	Arm – Brake Linkage	2
25	32121–25	Pin – Roll	2
26	76–9720	Shaft – Brake	1
27	302–5	Fitting – Grease	3
28	32144–11	Screw – Hex. Flange Hd.	4
29	323–12	Screw – Cap Hex. Hd.	2
30	76–9030	Bearing Housing Assembly (Incl. Ref. #22 & 27)	1
31	321–9	Screw – Cap Hex. Hd.	3
32	32121–11	Pin – Roll	2
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



STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	86–5570	Assembly – Hose	1
2	86–3220	Assembly – Hose	1
3	237–22	O–Ring	10
4	340–138	Fitting – Hydraulic	3
5	237–79	O–Ring	4
6	21–9260	Cover – Dust	1
7	76–8140	Bracket W.A. – Steering	1
8	76–8160	Support – Steering	1
9	3253–21	Washer – Lock	4
10	323–6	Screw – Cap Hex. Hd.	4
11	74–3670	Assy. – Column, Steering	1
12	3296–49	Nut – Lock	2
13	10–8110	Washer – Thrust	1
14	82–4950	Plunger – Spring	1
15	74–5770	Lever – Shift	1
16	32121–10	Pin – Roll	1
17	74–5790	Shaft – Pivot	1
18	32121–123	Pin – Roll	2
19	3220–3	Nut – Jam	1
20	323–8	Screw – Cap Hex. Hd.	1
21	2411–36	Rod End	1
22	76–9100	Spacer	1
23	76–8720	Panel – Tower	1
24	233–17	Knob	1
25	68–8080	Wheel – Steering	1
26	72–0130	Kit – Horn	1

Ref. No.	Part No.	Description	No. Used
27	47–6990	Nut	1
28	32144–4	Screw – Hex. Washer Hd.	4
29	76–9450	Boot – Column, Steering	1
30	84–0680	Link – Shift	1
31	3296–59	Nut – Lock	1
32	32144–11	Screw – Hex. Washer Hd.	5
33	69–1560	Lever – Lock	1
34	241–64	Plug – Dome	2
35	32121–6	Pin – Roll	1
36	3256–26	Washer – Flat	4
37	63–7900	Rack – Brake	1
38	3272–10	Pin – Cotter	1
39	3272–5	Pin – cotter	2
40	3–3251	Spring	1
41	3256–22	Washer – Flat	1
42	76–9050	Rod – Brake, Parking	1
43	86–5730	Assy. – Tube, R.H. Front	1
44	86–5740	Assy. – Tube, L.H. Front	1
45	86–5720	Assy. – Tube, Steering	1
46	56–7973	Clamp – Tube	4
47	3256–23	Washer – Flat	2
48	32144–57	Screw – Hex. Washer Hd.	2
49	2412–74	Clamp – R	1
50	340–159	Fitting – Hydraulic	3
51	86–3210	Assembly – Hose	1
52	86–5470	Harness – Wire	1

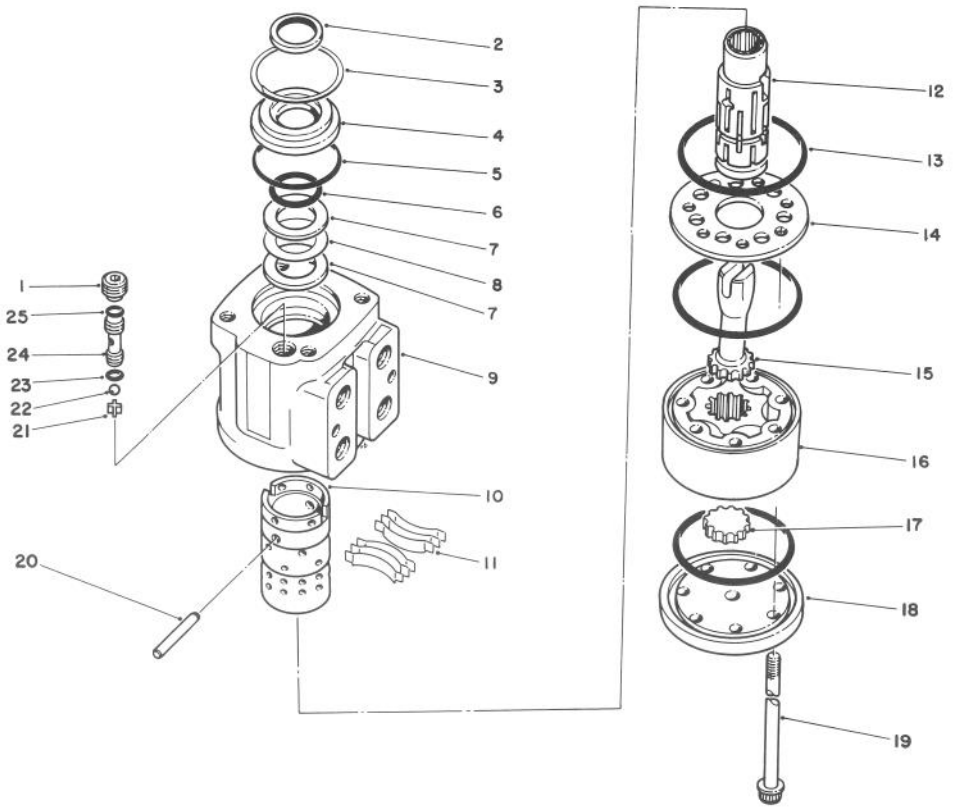


T–1516

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

Ref. No.	Part No.	Description	No. Used
58	76–8150	Support – Shaft, Steering	1
59	74–3660	Valve – Control, Steering	1
60	3290–378	Tie – Cable	1
61	59–6430	Valve – Check	1



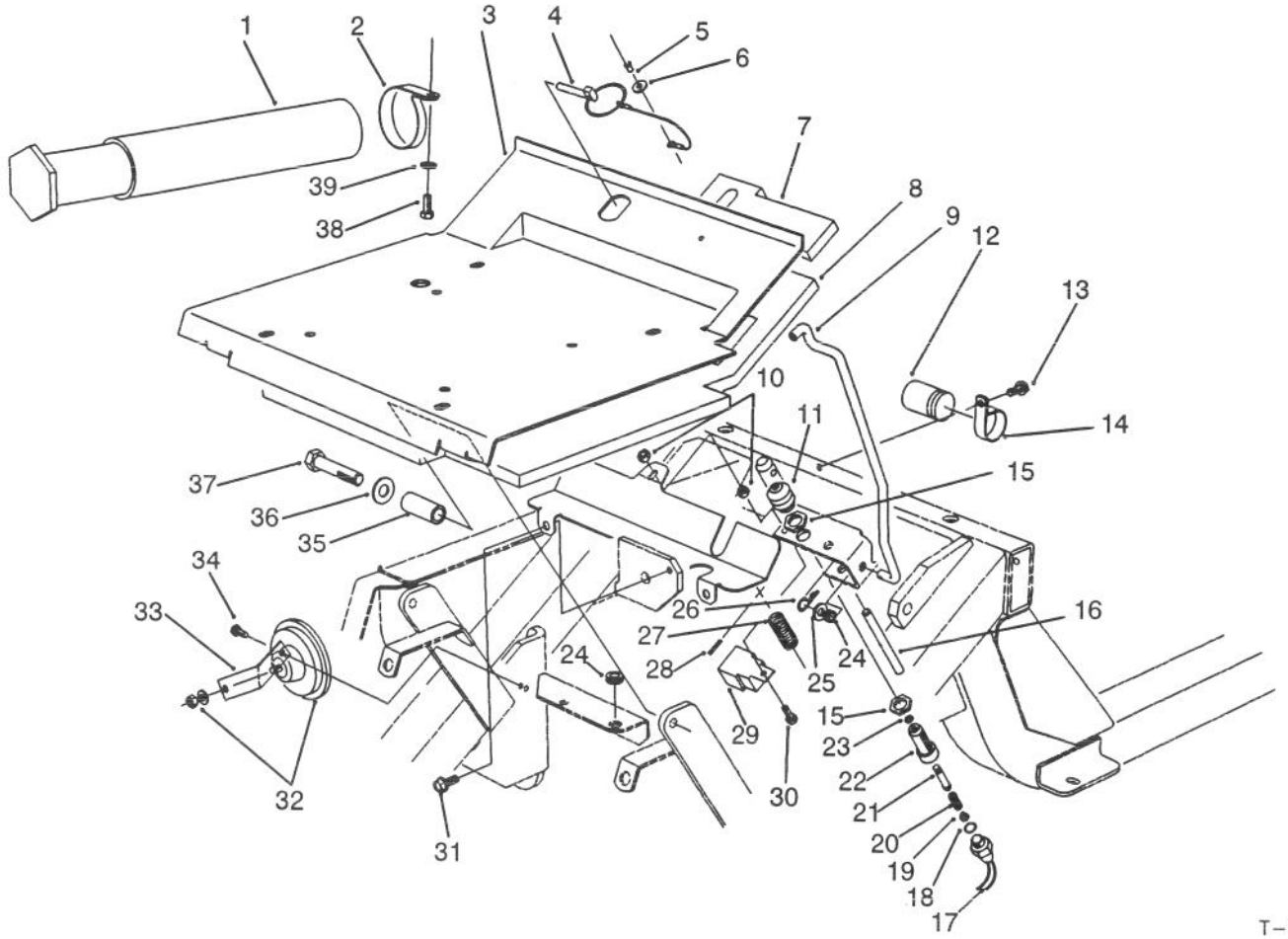
T–1007

POWER STEERING VALVE No. 74–3660

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	59–6850	Plate–Spacer	1
15	59–6860	Drive	1
16	76–6300	Gerotor	1

Ref. No.	Part No.	Description	No. Used
17	76–6320	Spacer	1
18	59–6890	Cap–End	1
19	76–6310	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
*	76–6330	Control Parts Assembly (Incl. Ref. #9–12 & 20)	1
*	49–0170	Seal Kit (Incl. Ref. #2, 5–6, 13, 23 & 25)	1

*Not Illustrated
†Not Serviceable Separately



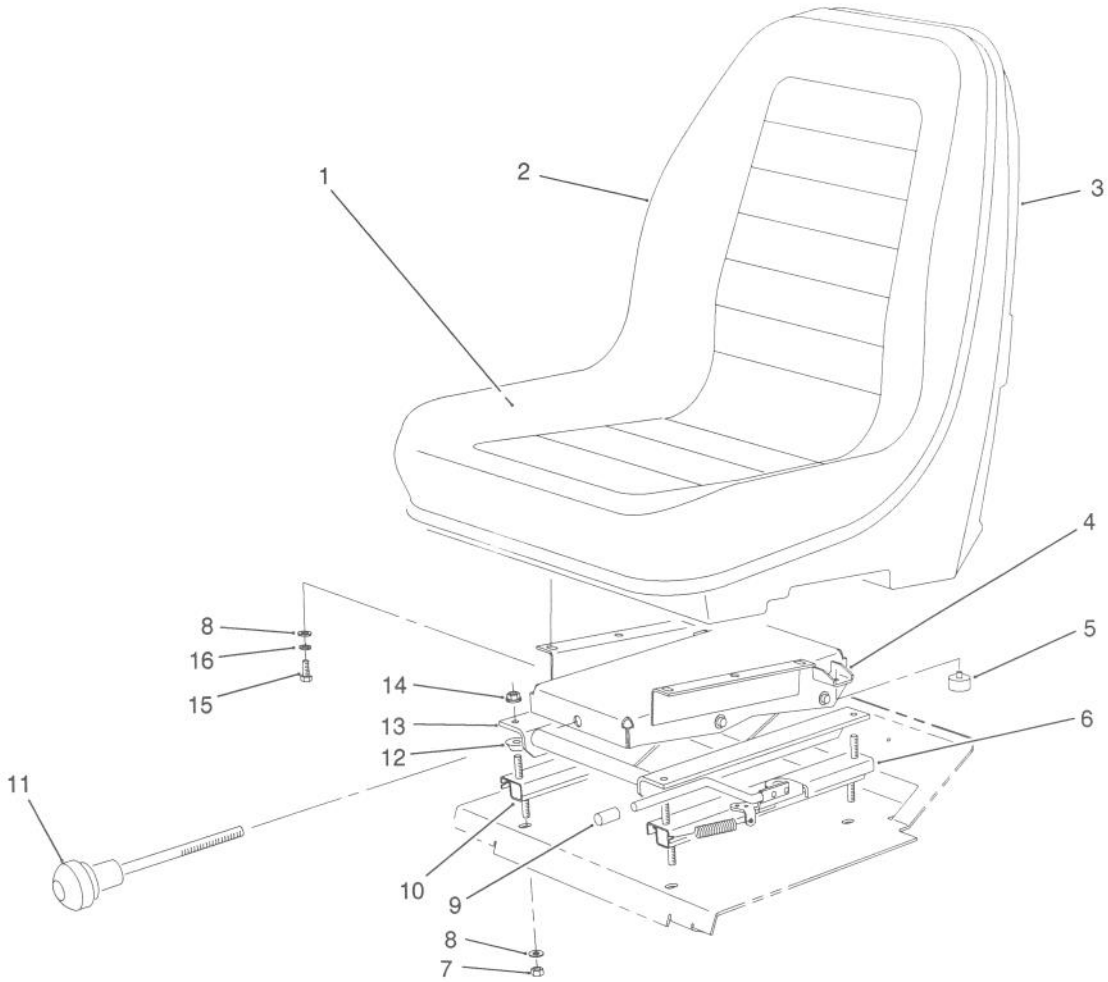
T–1510

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	1
11	43–8870	Boot – Switch	1
12	37–2690	Capacitor	1
13	32104–82	Screw – Hex. Washer Hd.	1
14	2412–74	Clamp	1
15	218–461	Nut – Hex	2
16	76–9190	Rod – Seat Spring	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	3256–3	Washer – Flat	1
26	3290–307	Pin – Cotter, Hair	1
27	88–1420	Spring – Compression	1
28	3284–3	Pin – Groove	1
29	6307590	Relay – SPDT	1
30	321–4	Screw – Cap Hex. Hd.	1
31	32144–11	Screw – Hex. Washer Hd.	2
32	48–4590	Horn	1
33	74–8910	Bracket – Horn	1
34	32144–4	Screw – Hex. Hd.	1
35	76–9480	Sleeve – Pivot, Seal	2
36	3256–26	Washer – Flat	2
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



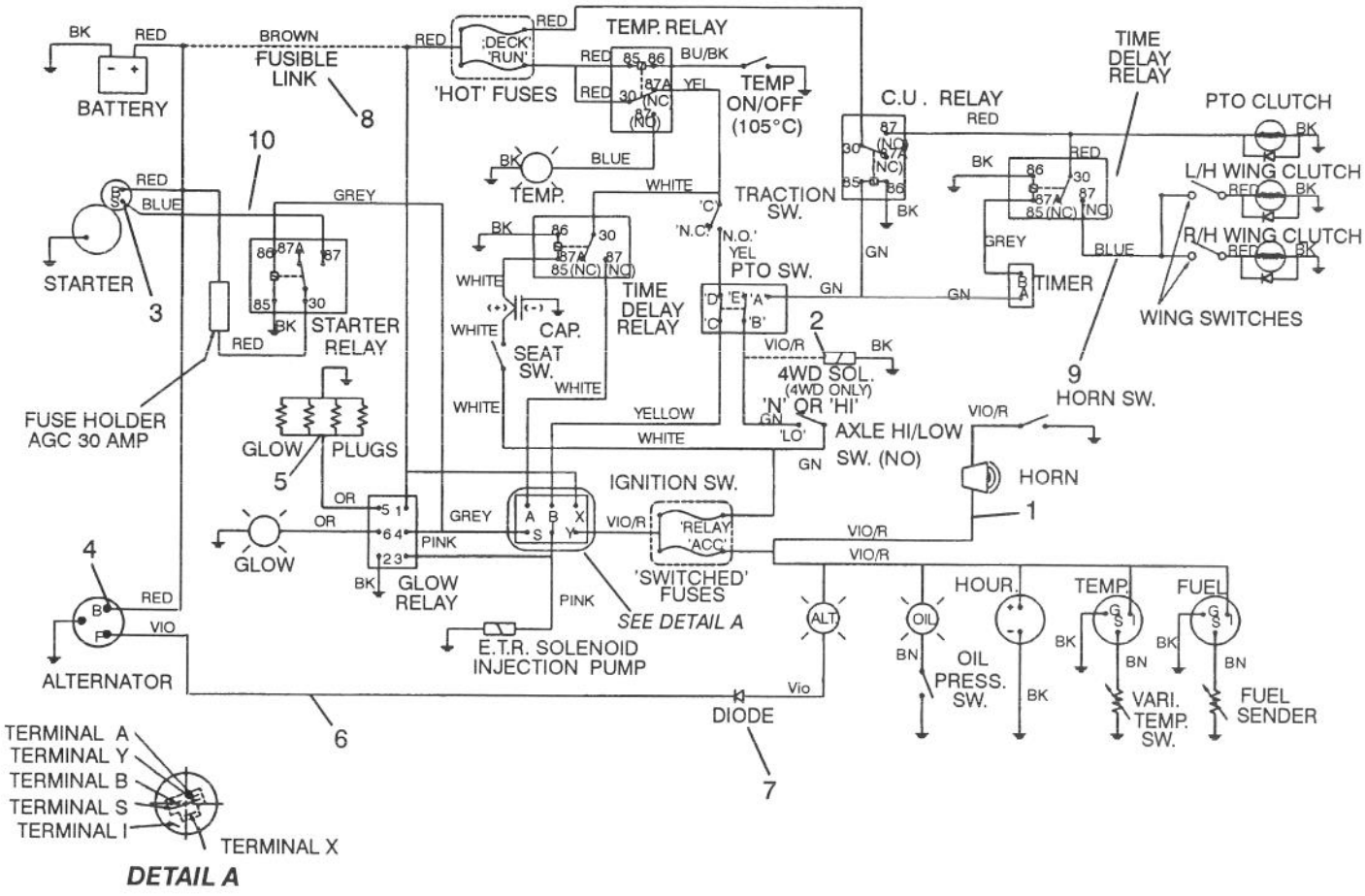
T–1131

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67–9550	Cushion – Seat	1
2	66–5400	Seat Assembly (incl. Ref. #1 & 3)	1
3	67–9560	Bucket – Seat	1
4	66–8600	Plate – Seat Base	1
5	66–8520	Bumper – Seat	2
6	66–8510	Adjuster & Handle Assembly	1
7	3296–29	Nut – Lock	4
8	3256–2	Washer – Flat	8
9	75–3570	Tip – Handle	1
10	66–8530	Adjuster Assembly	1
11	76–1960	Knob – Seat Adjustment	1

Ref. No.	Part No.	Description	No. Used
12	66–9290	Spacer – Suspension	4
13	66–8610	Suspension – Seat	1
*	66–8580	Bushing – Suspension	4
*	66–8550	Rod – Pivot	2
*	66–8560	Nut – Push	4
*	76–1940	Spring – Suspension	2
*	66–8540	Hanger – Spring	1
14	32128–25	Nut – Flange Lock	4
15	322–3	Screw – Cap Hex. Hd.	4
16	3253–4	Washer – Lock	4
*	76–1970	Suspension	1

*Not Illustrated

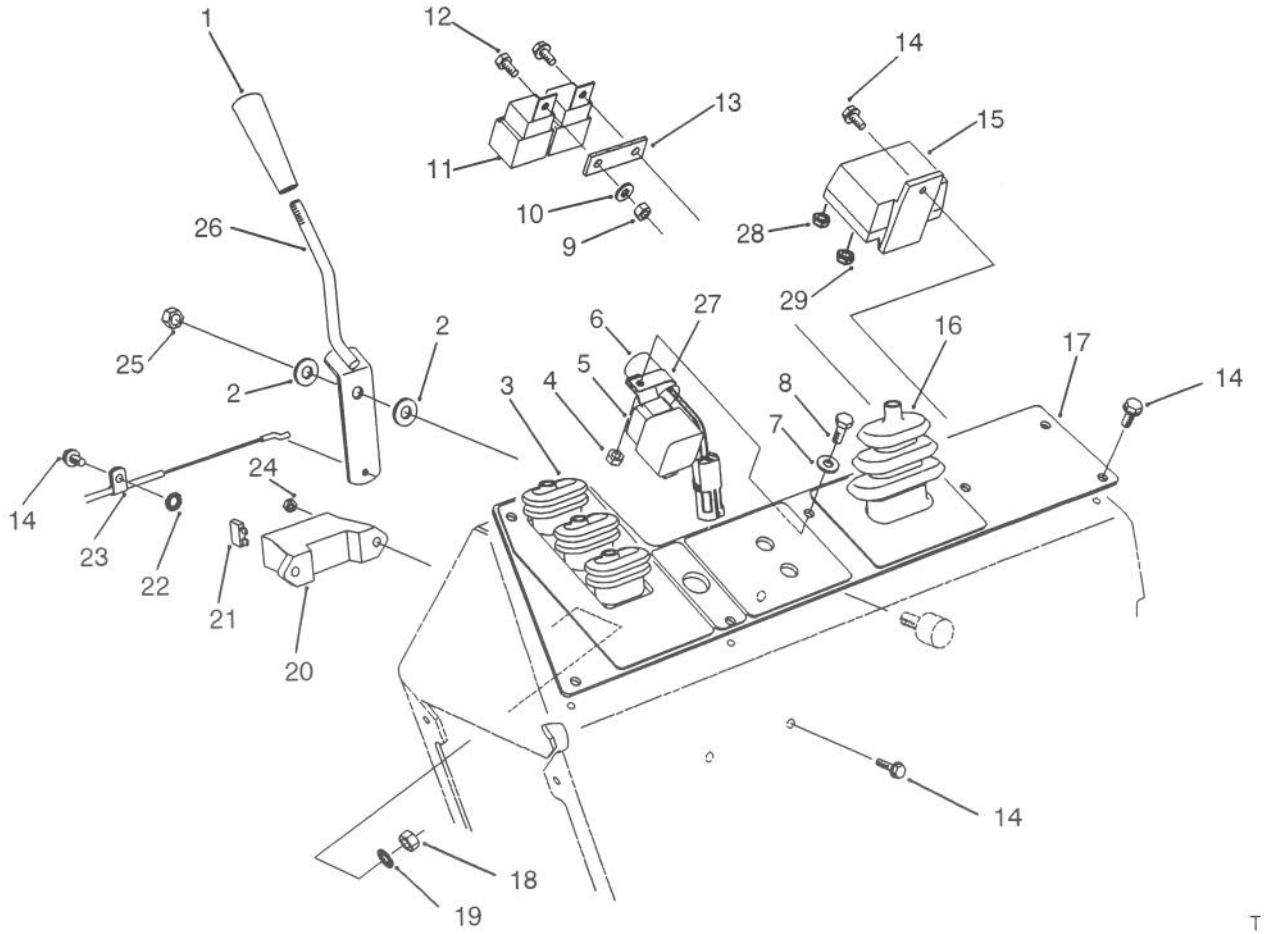


T–1494

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	86–5470	Harness – Front	1
2	76–4880	Plug – Electrical (Model No. 30450 Only)	1
3	48–7930	Nut – Hex	1
4	48–7890	Nut – Hex.	1
5	48–7880	Nut – Hex.	2
6	86–5820	Harness – Wire, Main (Incl. Ref. #7)	1

Ref. No.	Part No.	Description	No. Used
7	86–7470	Diode	4
8	67–7180	Link – Fusible	1
9	86–1910	Harness – Wire, Deck	1
10	77–4200	Harness – Wire, Relay Starter	1



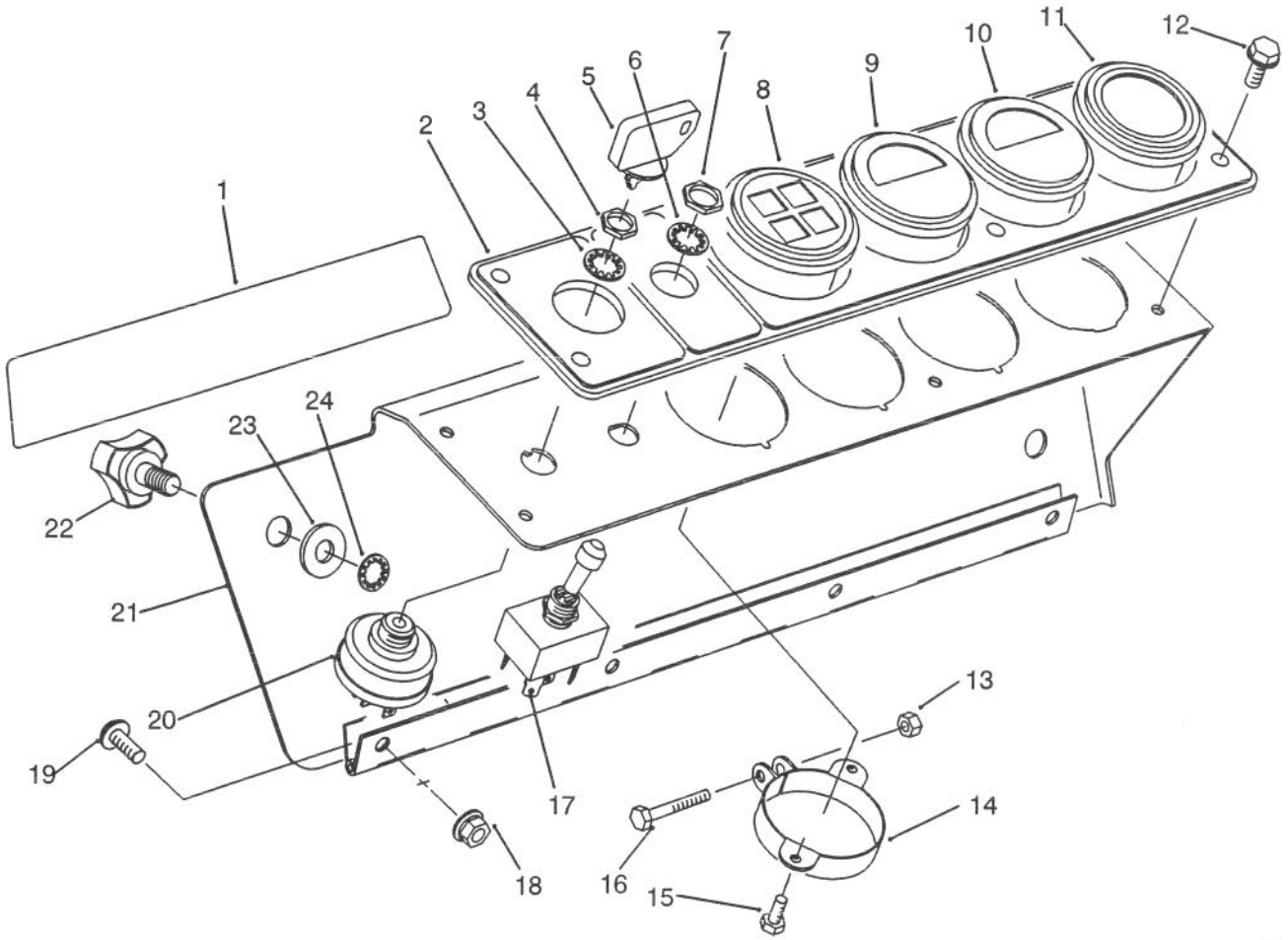
T–1492

CONTROL CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233–39	Knob – Throttle	1
2	66–2920	Washer – Friction	3
3	76–8450	Boot – Lift Lever	1
4	3290–148	Nut – Lock	1
5	70–1480	Relay – Sealed	1
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	3256–1	Washer – Flat	1
11	63–7590	Relay – SPDT	2
12	321–2	Screw – Cap Hex. Hd.	2
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

Ref. No.	Part No.	Description	No. Used
17	86–5410	Panel – Console	1
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
*	218–581	Fuse – 15A	1
*	218–593	Fuse – 30A	1
22	3255–7	Washer – Lock Ext. Tooth	1
23	2412–32	Clip – Conduit	1
24	3296–12	Nut – Lock	1
25	3296–44	Nut – Lock	1
26	76–4300	Lever W.A. – Throttle	
27	2412–39	R–Clamp	1
28	48–7880	Nut – Hex.	1
29	48–7890	Nut	1

*Not Illustrated



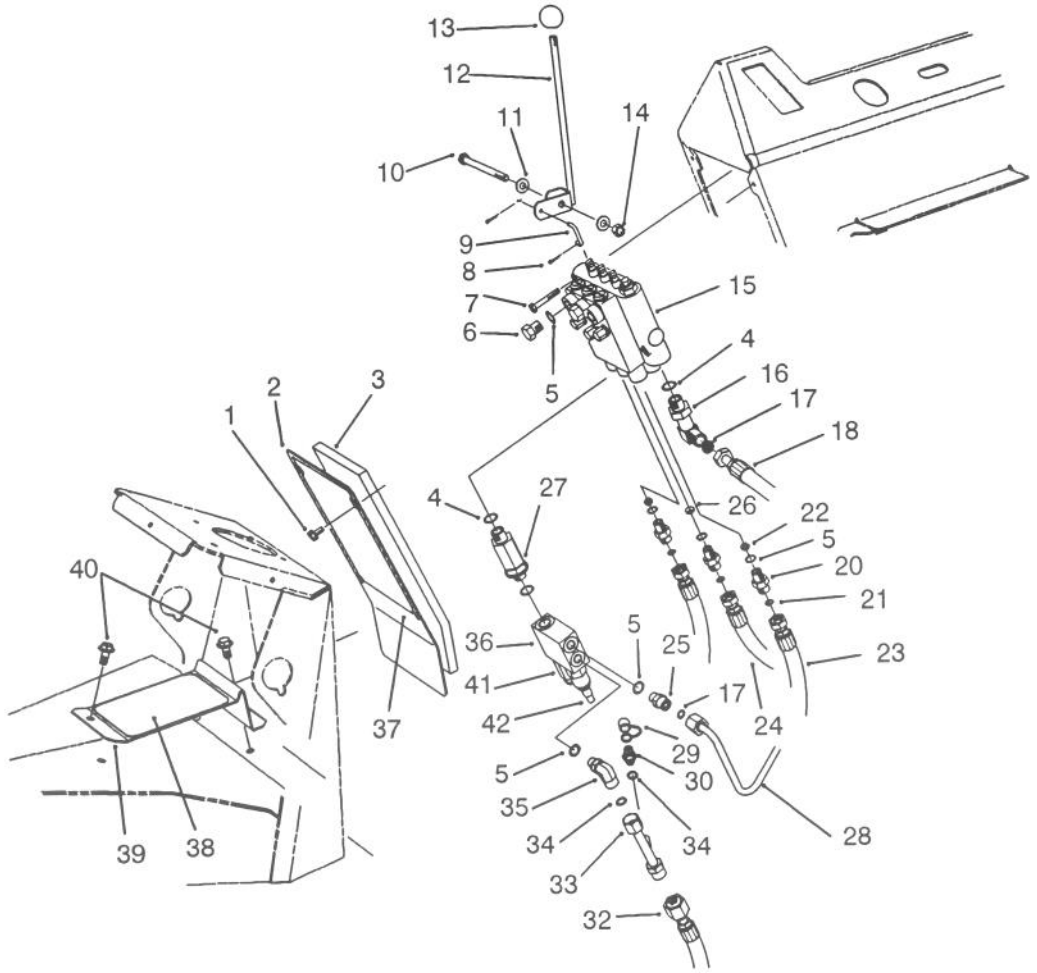
T–1517

GAGE PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76–9780	Decal – 4 Matic (Model 30455 Only)	1
2	84–1450	Panel – Gauge	1
3	218–446	Washer – Lock	1
4	218–447	Nut – Hex.	1
5	63–8360	Key – Ignition	1
6	3254–20	Washer – Lock, Int. Tooth	1
7	3218–19	Nut – Hex.	2
8	66–2960	Cluster – Warning Light	1
*	76–8950	Harness – Wire (Lamp)	1
*	219–17	Bulb – Warning Light	4
9	76–9060	Gauge – Temperature	1
10	66–2940	Gauge – Fuel	1
11	66–2950	Meter – Hour	1

Ref. No.	Part No.	Description	No. Used
12	32144–4	Screw – Hex. Washer Hd.	6
13	3296–2	Nut Lock	1
14	69–4780	Clamp – Gauge	1
15	32144–19	Screw – Hex. Hd.	2
16	32105–12	Screw – Hex. Hd.	1
17	85–4980	Switch – Toggle	1
18	32128–33	Nut – Flange Lock	4
19	3274–68	Screw – Socket Button Hd.	4
20	27–2360	Switch – Ignition	1
21	82–3750	Cover – Console	1
22	77–3620	Retainer – Cover	2
23	3256–3	Washer	2
24	32151–72	Retainer – Push–On	2

*Not Illustrated



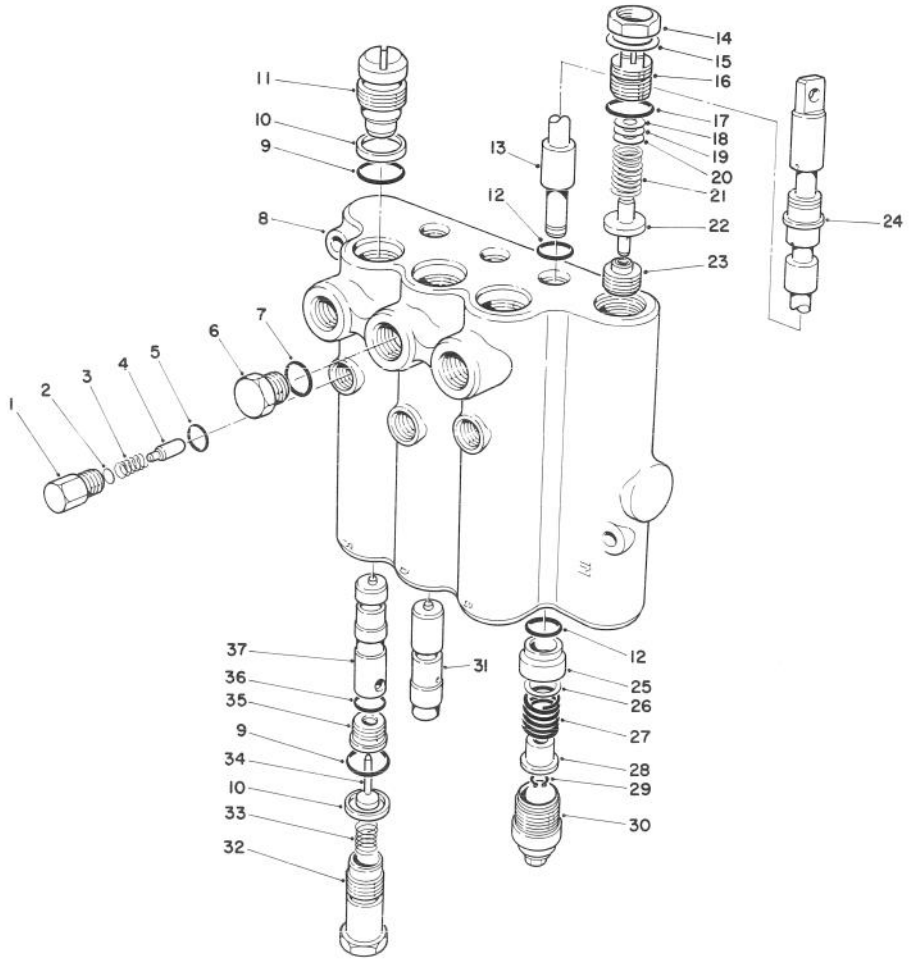
T–1504

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	7
6	353–508	Assembly – Plug	2
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	Kno b	3
14	3296–39	Nut – Lock	1
15	69–1780	Assembly – Valve, Lift	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

Ref. No.	Part No.	Description	No. Used
22	86–2501	Orifice	2
23	86–3190	Assembly – Hose	2
24	86–3180	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	354–79	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	3
35	340–99	Fitting – Hydraulic 90°	1
36	86–5440	Valve – Relief, Dual (Incl. Ref. #41 & 42)	1
37	86–5930	Decal – Service, 2WD	1
*	86–5920	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

*Not Illustrated



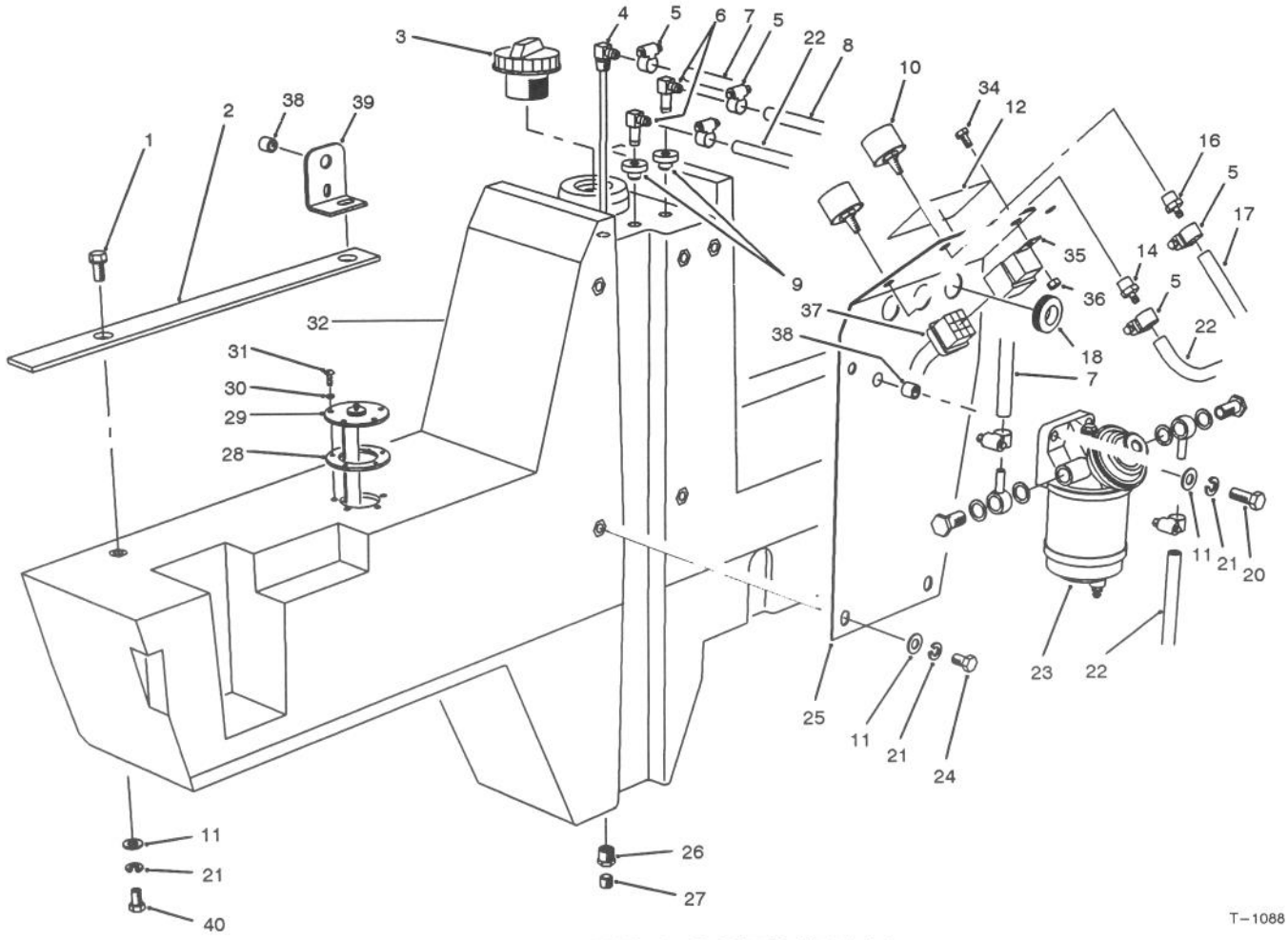
T–0379

LIFT VALVE NO. 69–1780

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

Ref. No.	Part No.	Description	No. Used
20	58–6490	Washer	A/R
21	69–1820	Spring – Black	1
22	58–6440	Poppet	1
†23		Seat	1
24	58–6320	Wiper – Seal	3
25	58–6400	Bushing	3
26	58–6700	Washer	3
27	58–6730	Spring	3
28	58–6310	Spacer	3
29	58–6460	Ring – Retaining	3
30	58–6420	Cap Assembly	3
31	69–1840	Plunger	1
32	69–1800	Plug Assembly (Inc. Ref. #9–10)	3
33	69–1810	Spring	3
34	58–6290	Poppet Assembly	3
35	58–6330	Seat Assy. (Incl. Ref. #36)	3
36	58–6340	Seal – O–Ring	3
37	69–1790	Plunger	2
*	60–3780	Seal Kit (Incl. Ref. #5, 7, 9, 10, 12, 12, 17, 24, 29, 34, & 36)	1

*Not Illustrated
†Not Serviceable Separately

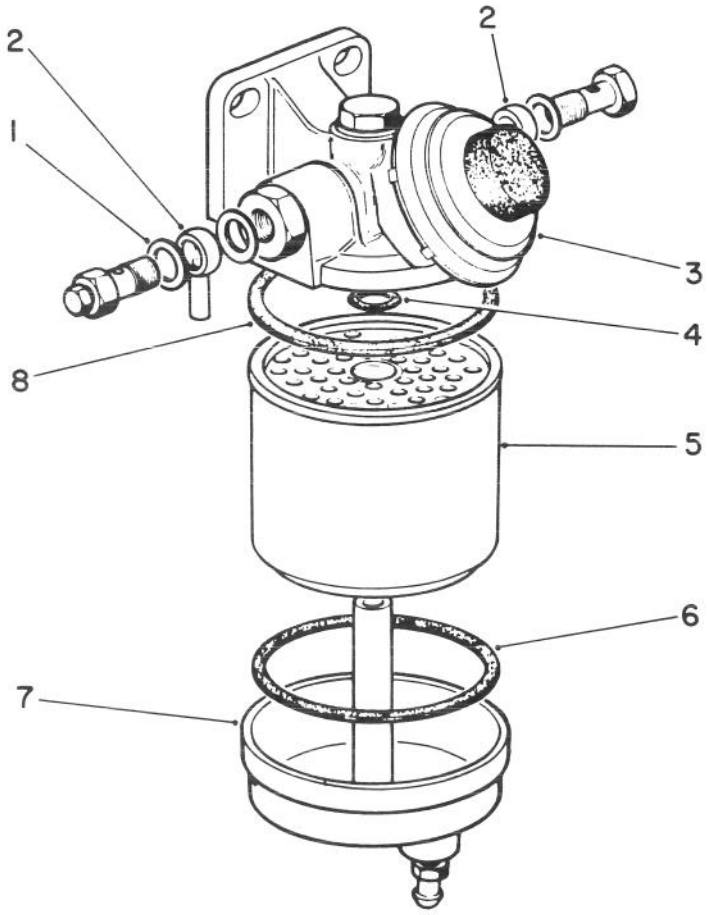


T–1088

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	70–8621	Cap – Fuel	1
4	76–6600	Pipe – Stand	1
5	2412–108	Clamp – Hose	7
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

Ref. No.	Part No.	Description	No. Used
23	76–5200	Fuel Filter Assembly	1
24	323–34	Screw – Cap Hex. Hd.	5
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	1
34	321–2	Screw – Cap Hex. Hd.	1
35	70–1480	Relay – Starter	1
36	3296–42	Nut – Lock	1
37	77–4200	Harness – Wire Relay	1
38	32148–10	Insert – Threaded	3
39	82–3660	Bracket – Cover	1
40	323–4	Screw – Cap Hex. Hd.	2



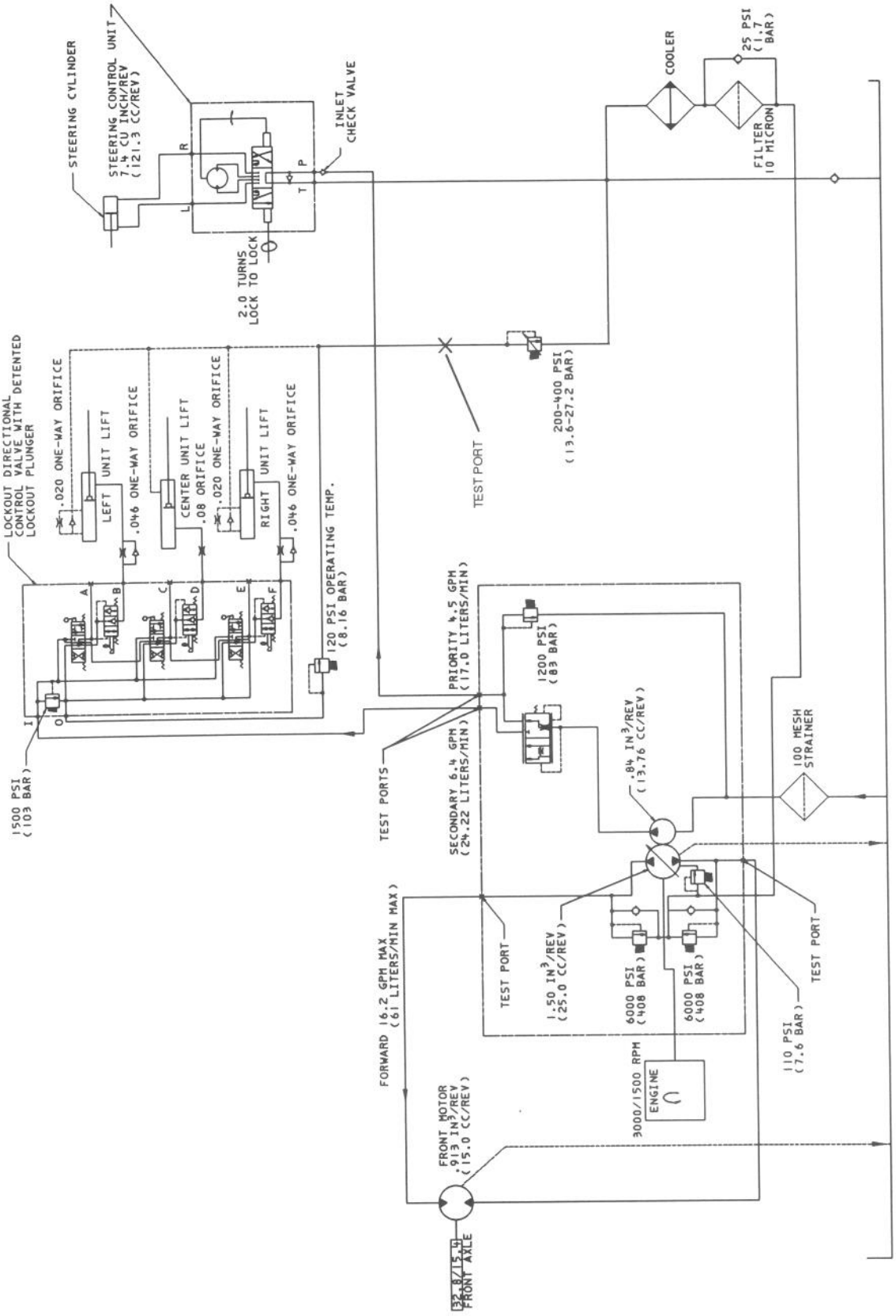
T–0966

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76–5180	Washer – Copper	4
2	76–5190	Fitting – Adjustable	2
3	76–5200	Fuel Filter Assembly (Incl. Ref. #7)	1
4		Seal – O–Ring	1

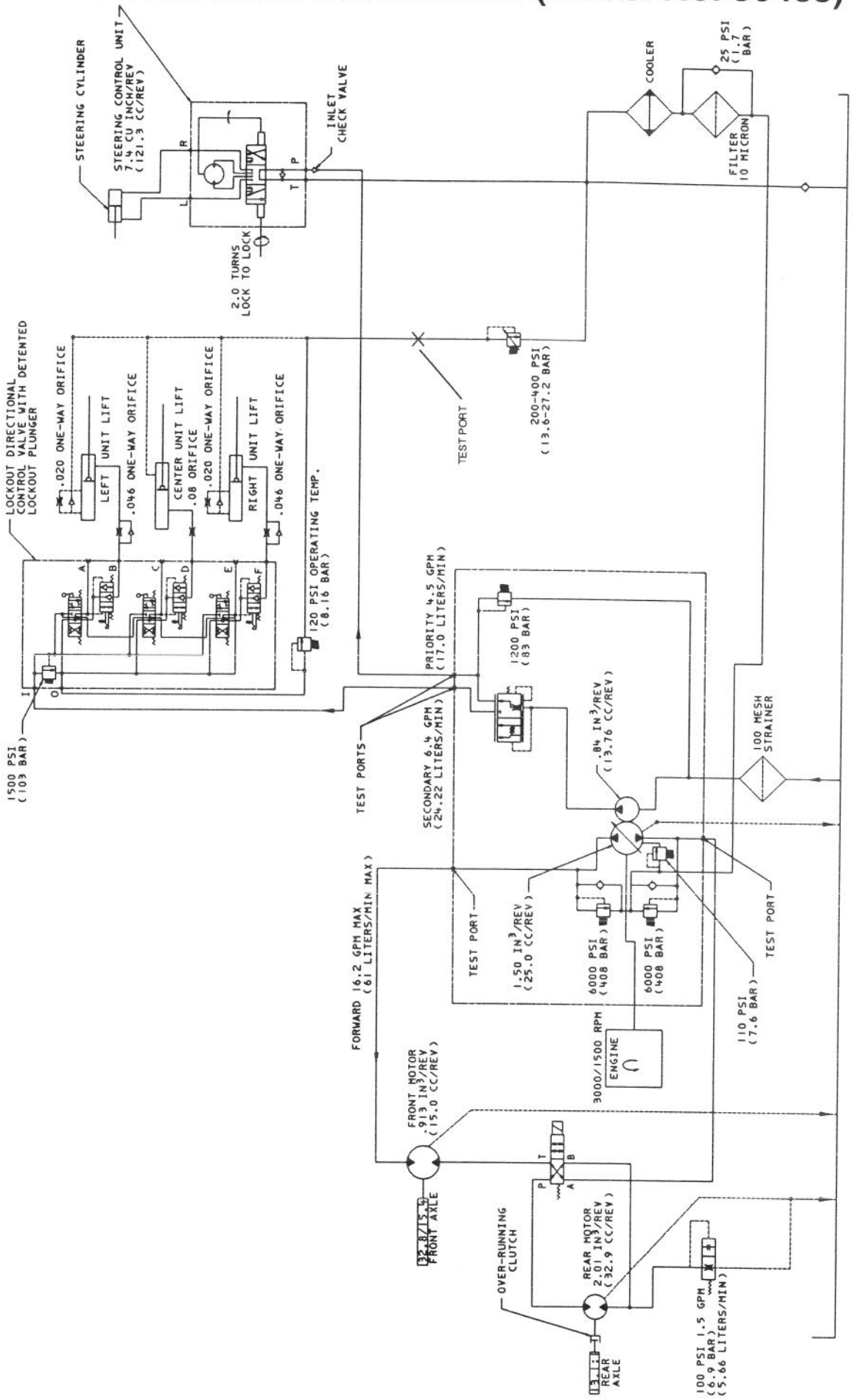
Ref. No.	Part No.	Description	No. Used
5	76–5220	Element – Filter (Incl. Ref. #4. 6 & 8)	1
6		Seal – Gasket	1
7		Cap – Fuel Filter	1
8		Seal – Gasket	1

HYDRAULIC SCHEMATIC (Model No. 30450)

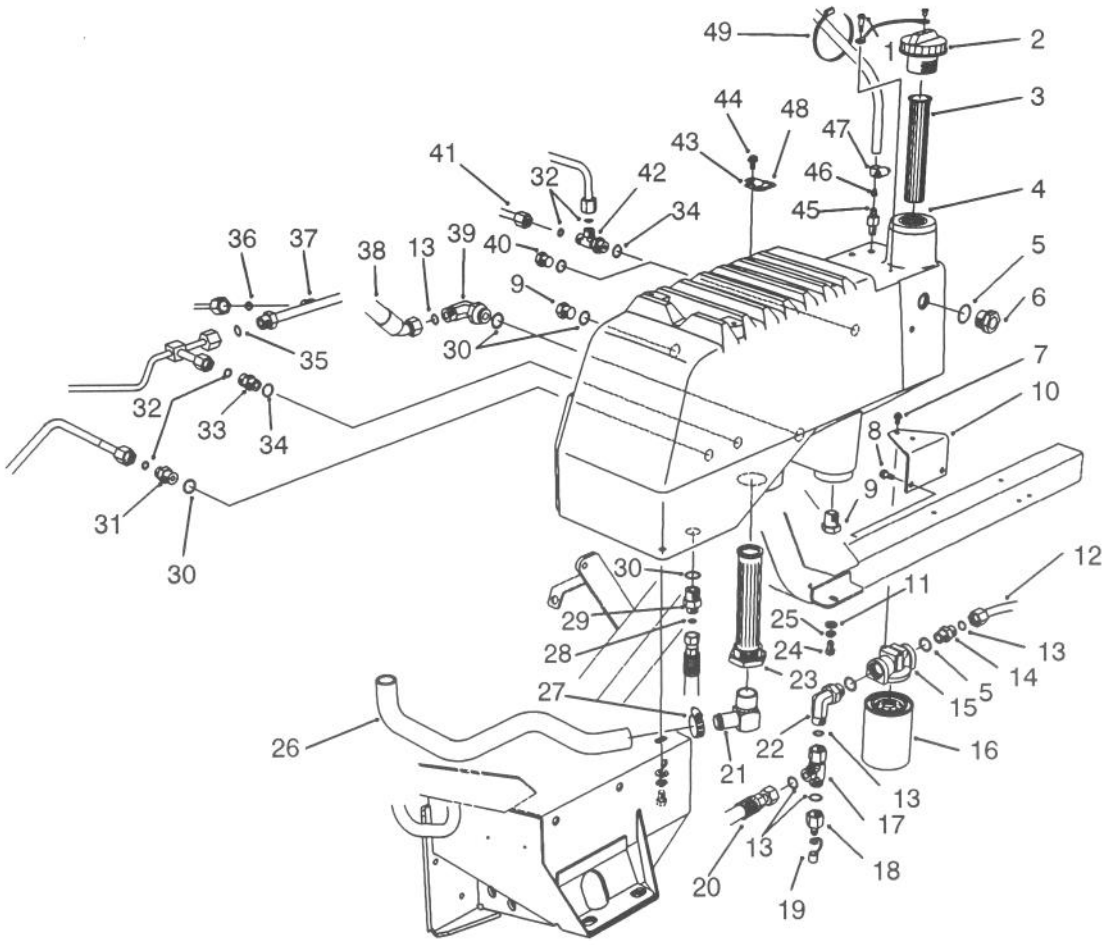


T–1495

HYDRAULIC SCHEMATIC (Model No. 30455)



T-1496

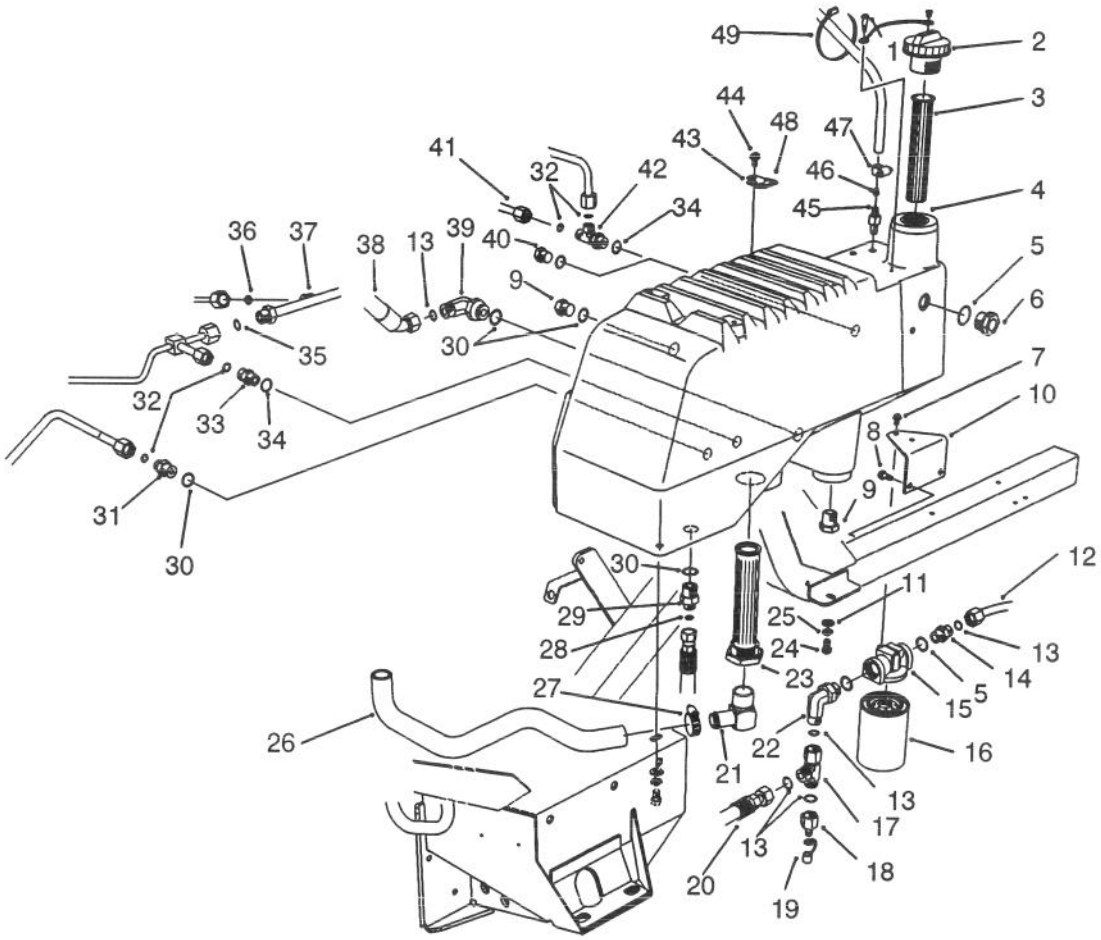


T–1509

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	57–5420	Screw – Shoulder	1
2	70–8640	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	74–4230	Bracket – Mount, Filter	1
11	3256–24	Washer – Flat	3
12	74–6400	Assembly – Tube, Filter Line	1
13	237–65	O–Ring	5
14	340–8	Fitting – Adapter	1
15	86–3000	Assembly – Head, Filter	1
16	86–3010	Filter – Transmission	1
17	340–147	Fitting – Hydraulic	1
18	86–5860	Nipple	1
19	354–79	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

Ref. No.	Part No.	Description	No. Used
24	323–4	Screw – Cap Hex. Hd.	3
25	3253–21	Washer – Lock	3
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	4
33	75–9550	Valve – Check	1
34	237–79	O–Ring	3
35		O–Ring	
36		O–Ring	
37	86–5800	Assy. – Tube, Oil Cooler Rear	1
38	86–3150	Assembly – Hose	1
39	340–17	Fitting – Hydraulic 90°	1
40	353–550	Plug (2 Wd Only)	1
41	74–6230	Assy. – Tube, Traction (4 Wd Only)	1
42	340–109	Fitting – Tee (4 WD Only)	1
43	76–9950	Bracket – Ring	4
44	32144–4	Screw – Thread Forming	4

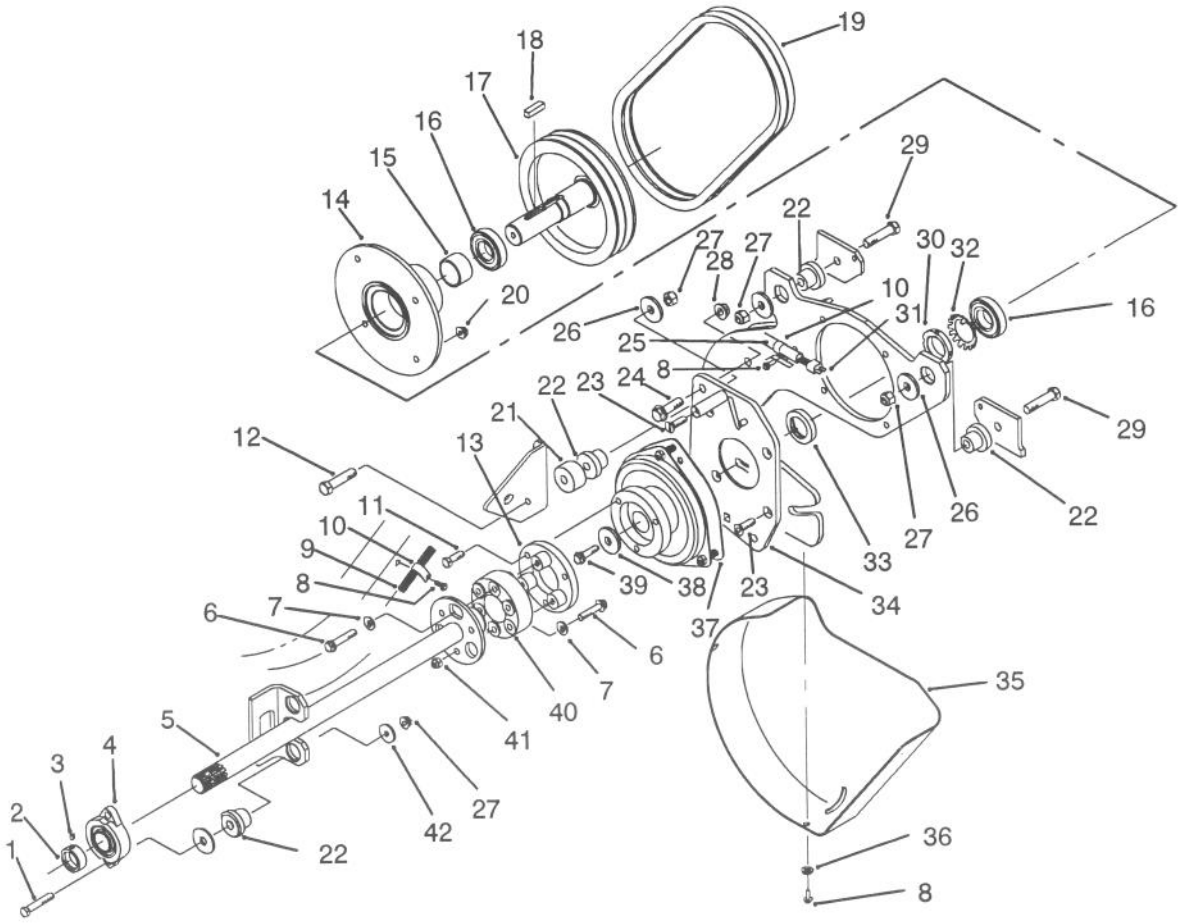


T–1509

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
45	354–103	Male Hose Barb	1
46	74–4080	Orifice – Breather	1
47	2412–108	Clamp – Hose	1

Ref. No.	Part No.	Description	No. Used
48	249–49	Ring	1
49	3290–378	Tie – Cable	1

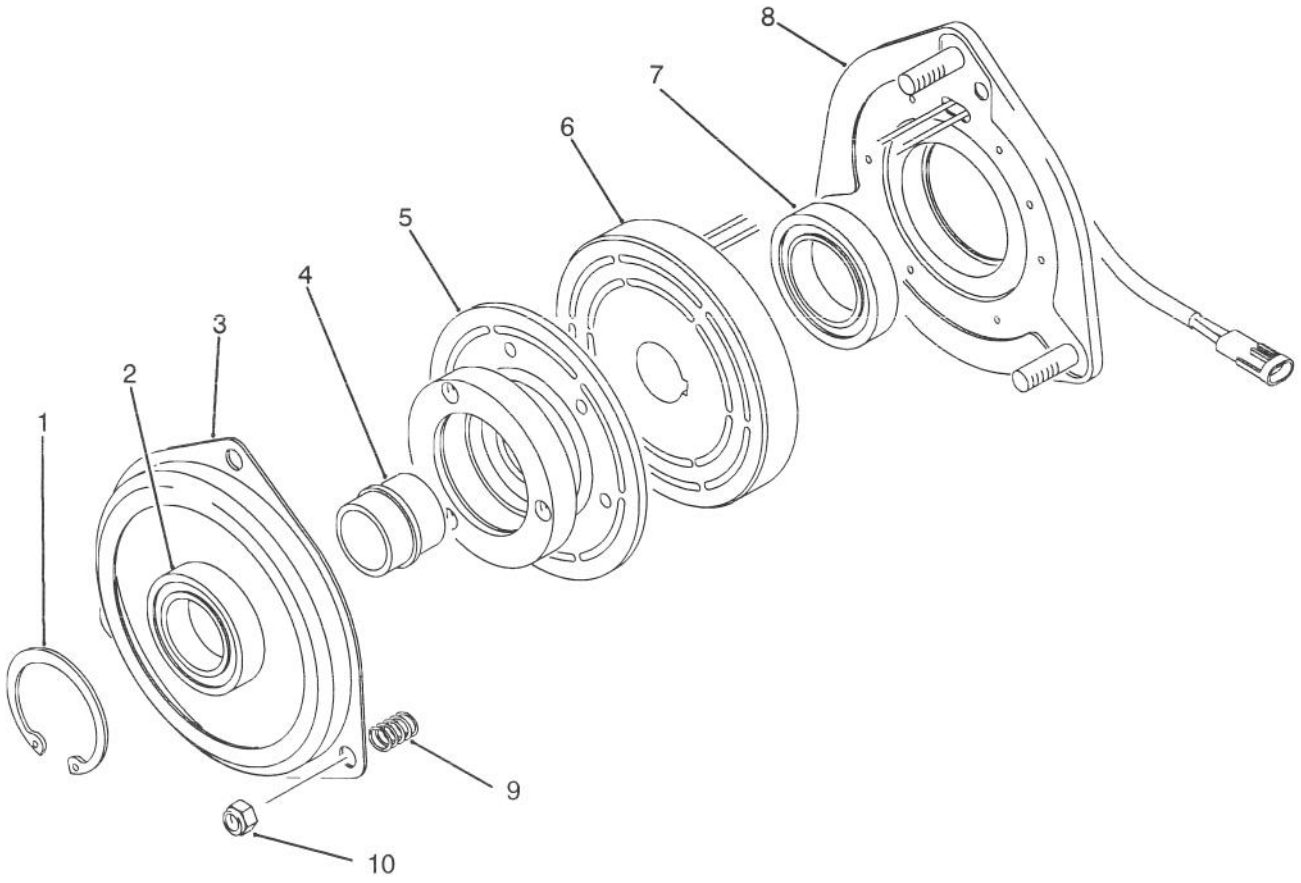


T–1519

PTO SHAFT & CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3274–71	Screw – Soc. Hex. Hd.	2
2		Collar – Bearing	1
3		Screw – Set	1
4	86–5620	Bearing (Incl. Ref. 2 & 3)	1
5	84–1320	Shaft – P.T.O.	1
6	66–9303	Screw – Flange Head	6
7	3256–24	Washer – Flat	6
8	32144–11	Screw – Hex. Washer Hd.	5
9	86–5470	Harness – Wire	1
10	2412–109	Clamp–J	2
11	48–4970	Bolt – Hex. Head	3
12	325–13	Screw	1
13	84–1410	Adapter – Clutch	1
14	84–0740	Housing – Bearing, Lower	1
15	88–1140	Spacer – Bearing, Lower	1
16	251–310	Bearing – Ball	2
17	84–0180	Pulley – Lower	1
18	84–1450	Key	1
19	88–1170	Belt – Matched Set	1
20	3296–39	Nut – Lock	4
21	84–1570	Spacer	1

Ref. No.	Part No.	Description	No. Used
22	84–1550	Mount – Rubber	5
23	88–1510	Screw – Special	5
24	3234–22	Screw – Flange Head	3
25	86–3030	Cover – Wire	1
26	84–1560	Washer – Thrust	3
27	3296–25	Nut – Lock	5
28	32128–49	Nut – Flange Head	3
29	325–9	Screw – Cap Hex. Hd.	2
30	88–1450	Nut – Lock, Bearing	1
31	86–5820	Harness – Wire, Main	1
32	88–1460	Washer – Lock	1
33	88–1150	Spacer – Clutch	1
34	86–2930	Plate – Clutch	1
35	88–1280	Cover – Belt, Lower	1
36	3256–70	Washer – Flat	3
37	86–5610	Clutch	1
38	84–1580	Washer – Clutch	1
39	3234–18	Screw – Flange Head	1
40	86–3040	Flange – Rubber	1
41	32152–2	Nut – Lock, Flange Hd.	3
42	86–1990	Washer	4

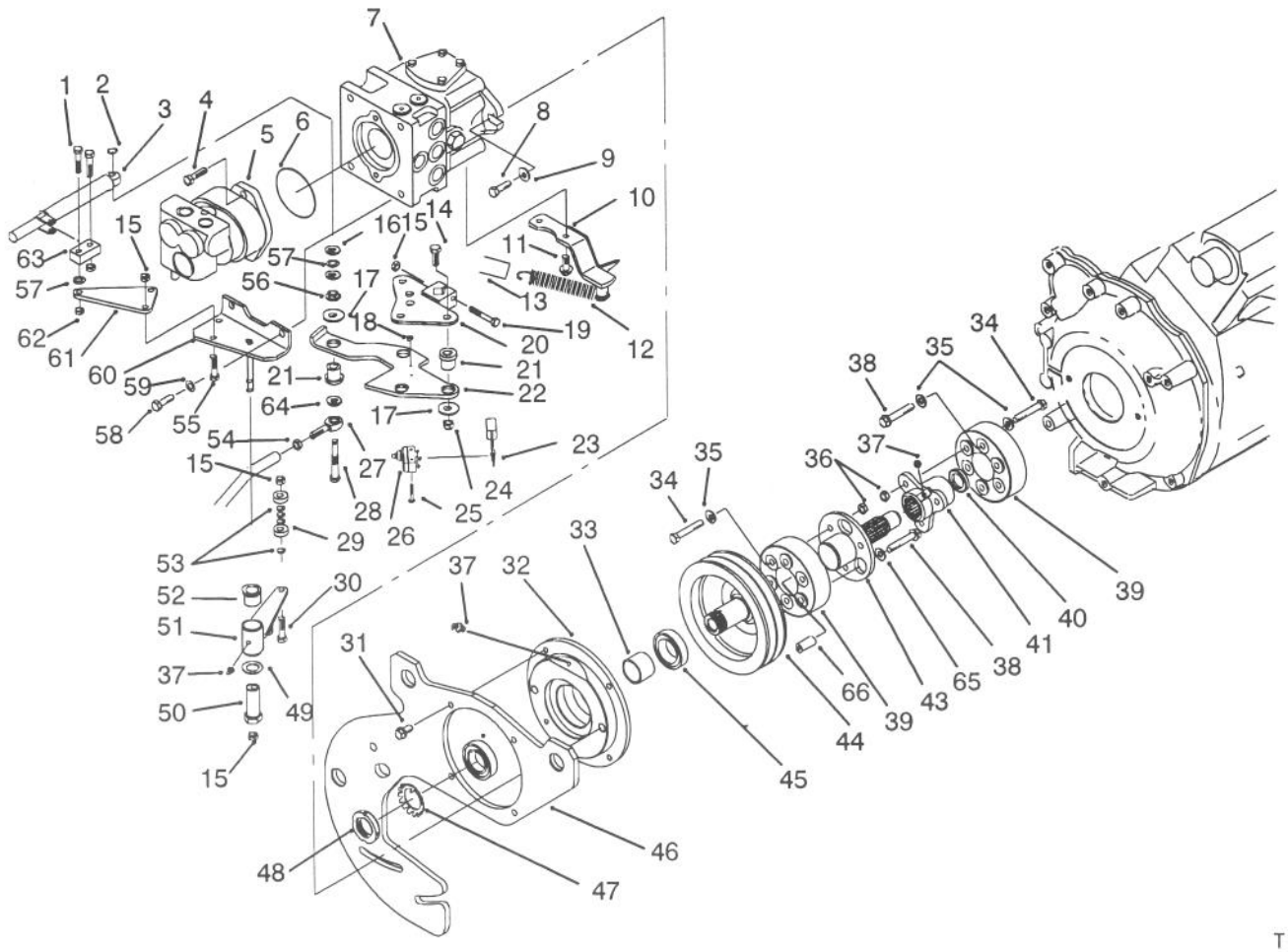


T–1523

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

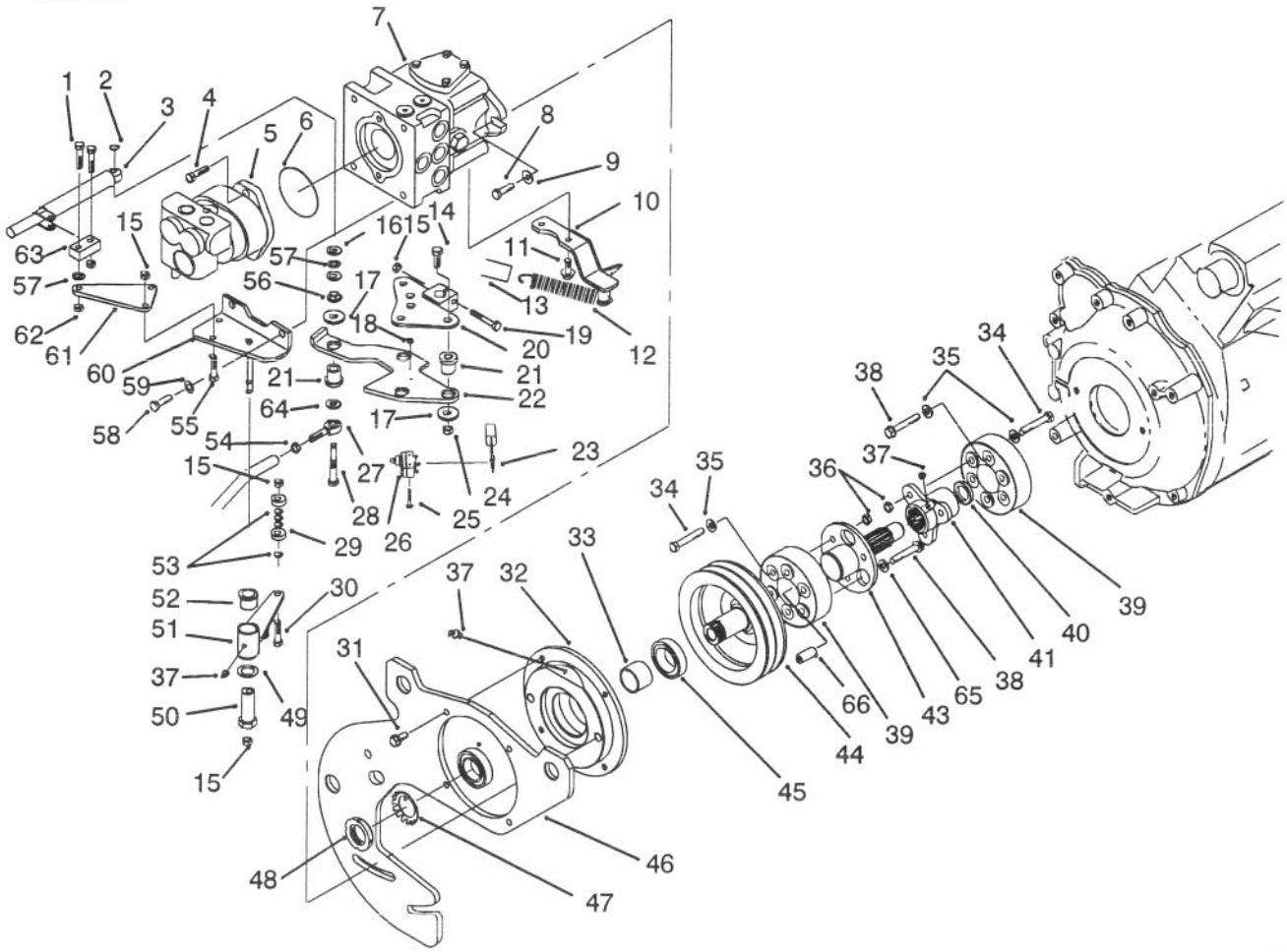


T–1511

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322–6	Screw – Cap Hex. Hd.	2
2	32151–73	Ring – Clip	1
3	76–8870	Assy. – Damper, Lever	1
4	323–7	Screw – Cap Hex. Hd.	2
5	86–5600	Assy. – Pump, Gear	1
6	237–161	O–Ring	1
7	86–5590	Assembly – Pump	1
8	3213–2	Screw – Hex. Hd. Flange	2
9	3256–26	Washer – Flat	2
10	84–1380	Anchor – Spring	1
11	32144–26	Screw – Hex. Washer Hd.	2
12	76–9430	Spring – Extension	1
13	84–1480	Hose – Dampener	1
14	323–29	Screw – Cap Hex. Hd.	3
15	3296–29	Nut – Lock	5
16	3256–71	Washer – Flat	2
17	63–8410	Washer	3
18	3296–9	Nut – Lock	2
19	322–10	Screw – Cap Hex. Hd.	1
20	82–5180	Control W.A. – Pump	1
21	63–9751	Mount – Rubber	4
22	88–1470	Plate – Control, Pump	1
23	86–3020	Wire – Neutral, Switch	1
24	3296–59	Nut – Lock	3
25	3249–11	Screw – Machine Rd. Hd.	2
26	29–6163	Switch – Micro	1

Ref. No.	Part No.	Description	No. Used
27	2411–36	Rod End	1
28	82–5280	Shaft – Pivot	1
29	251–259	Bearing – Ball	2
30	322–7	Screw – Cap Hex. Hd.	1
31	3234–1	Screw – Hex. Flange Hd.	4
32	84–0750	Housing – Bearing	1
33	86–5940	Spacer – Bearing	1
34	323–11	Screw – Cap Hex. Hd.	6
35	3256–24	Washer – Flat	9
36	32152–2	Nut – Lock	6
37	302–5	Fitting – Grease	3
38	66–9303	Screw – Hex. Flange Hd.	6
39	86–3040	Coupling – Rubber	2
40	253–43	Seal – Grease	1
41	84–1330	Hub – Splined	1
43	84–1030	Driveshaft	1
44	84–0170	Pulley – P.T.O.	1
45	251–314	Bearing	2
46	86–2830	Plate W.A. – Adapter, Main	1
47	88–1440	Washer – Lock	1
48	88–1430	Nut – Lock, Bearing	1
49	3–6498	Washer	1
50	76–8640	Stud – Traction	1
51	75–4090	Switch W.A. – Neutral (Incl. Ref. #37 & 52)	1
52	256–113	Bushing	2

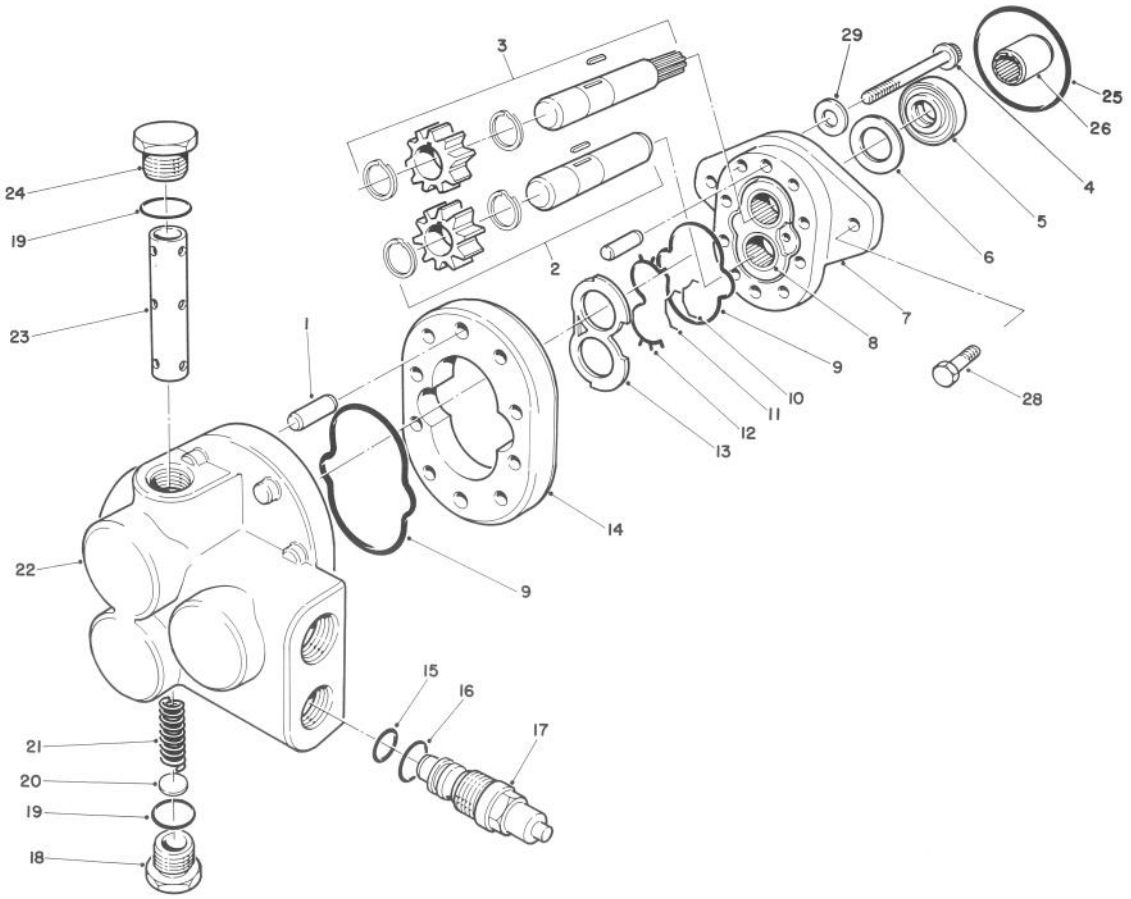


T–1511

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

Ref. No.	Part No.	Description	No. Used
60	84–1500	Bracket W.A. – Neutral	1
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



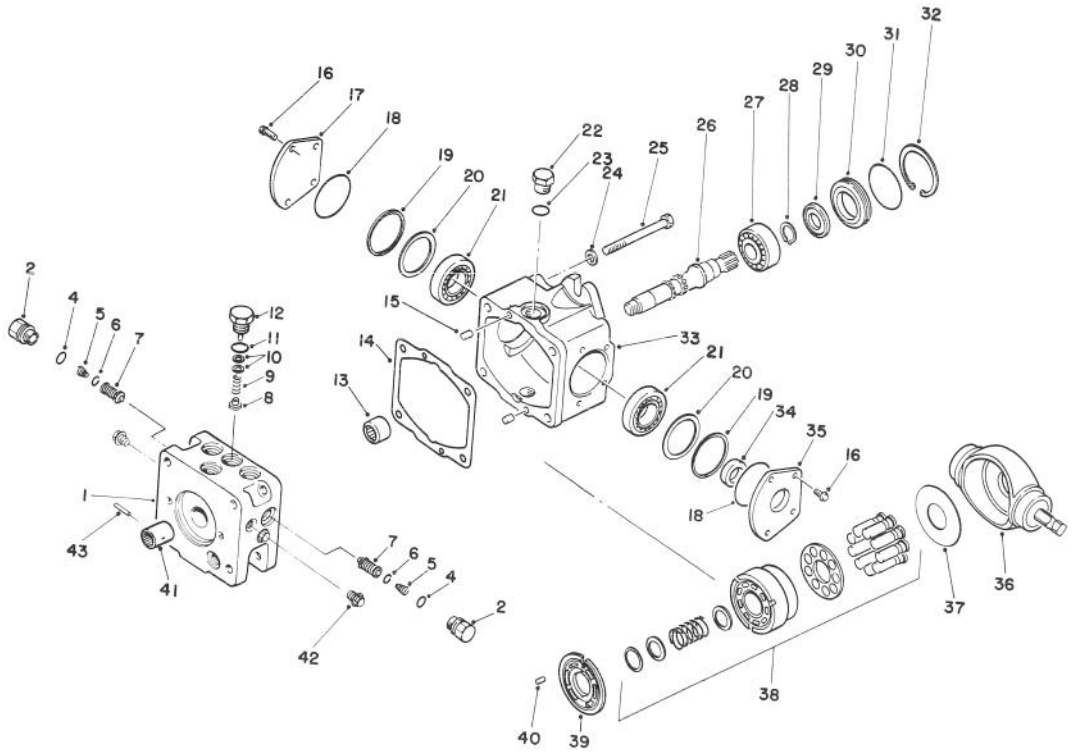
T-0995A

GEAR PUMP ASSEMBLY NO. 86-5600

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

Ref. No.	Part No.	Description	No. Used
17	74-9000	Relief Valve Assy. (Incl. Ref. #15 & 16)	1
18	60-5710	Plug Assembly (Incl Ref. #19)	1
†19		O-Ring	2
20	60-5730	Disc	1
21	88-3770	Spring	1
†22	74-8980	Backplate Assembly	1
†23	74-8990	Spool Assembly	1
24	60-5860	Plug Assembly (Incl. Ref. #19)	1
25	237-167	O - Ring	1
26	74-9040	Coupling	1
28	323-7	Screw-Cap, Hex. Hd.	2
*	74-9020	Backplate Repair Kit	1
*	74-9010	Kit - Seal	1
*	86-5600	Gear Pump Assembly (Incl. Ref. #1-24 & 27-28)	1

*Not Illustrated
†Not Serviced Separately

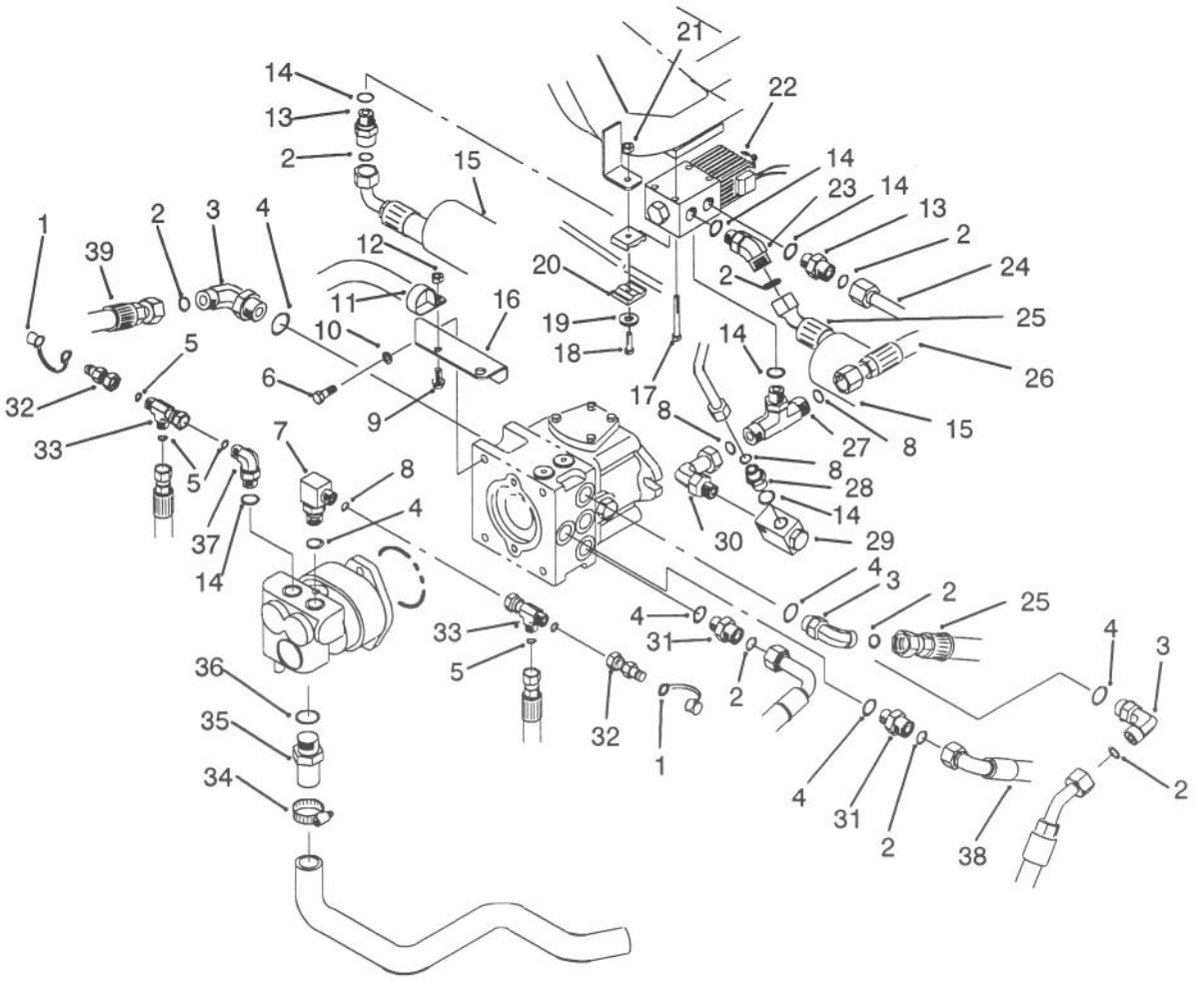


T–1497

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
23	237–80	O–Ring	3

Ref. No.	Part No.	Description	No. Used
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

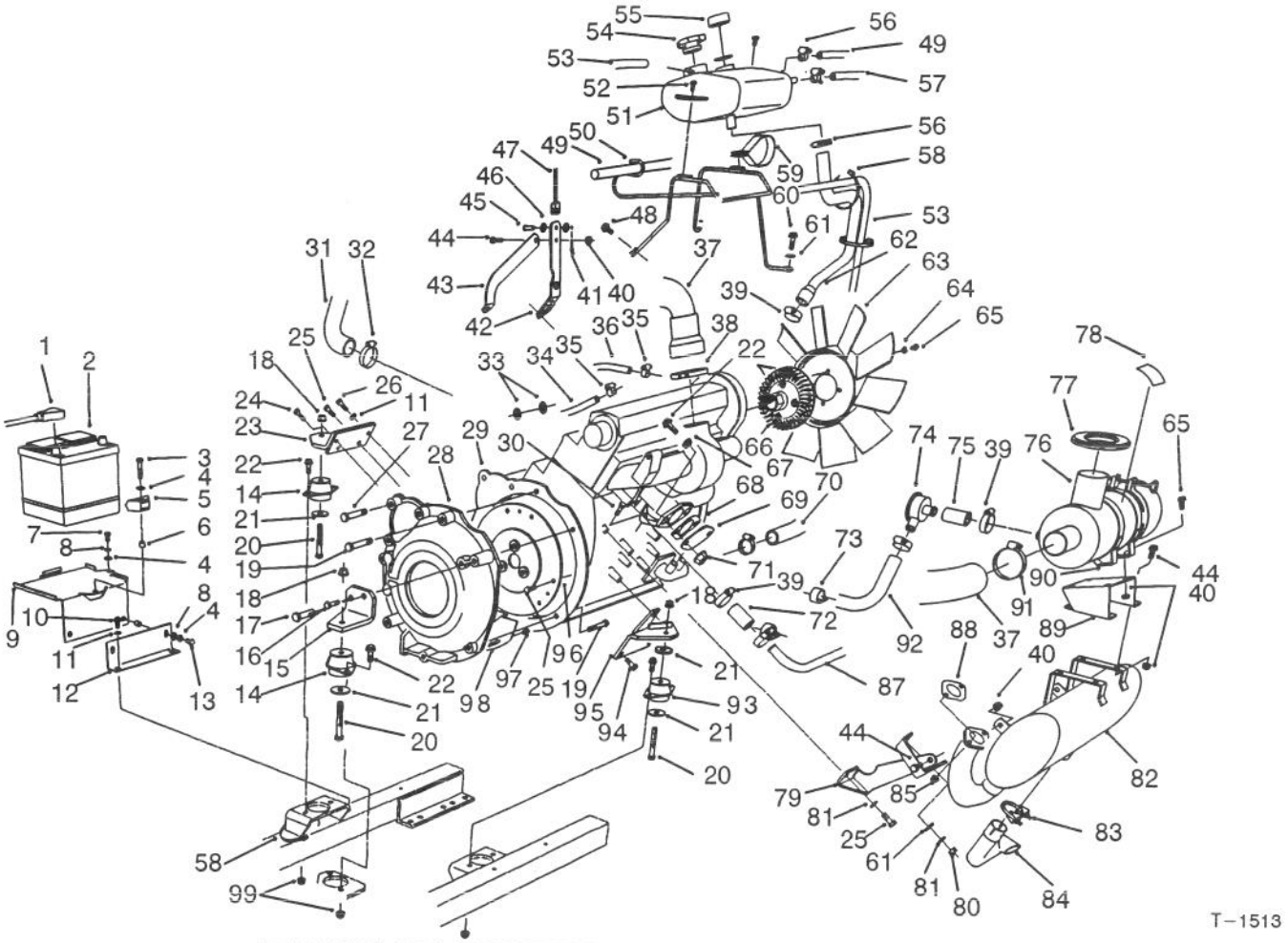


T–1498

HYDRAULIC PUMP FITTINGS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	354–79	Cap – Fitting	2
2	237–65	O–Ring	8
3	340–17	Fitting – Hydraulic 90°	2
4	237–80	O–Ring	6
5	237–22	O–Ring	5
6	324–4	Screw – Cap Hex. Hd.	2
7	88–1320	Fitting – Hydraulic 90°	1
8	237–30	O–Ring	3
9	322–2	Screw – Cap Hex. Hd.	1
10	3253–6	Washer – Lock	2
11	2412–74	Clamp – R	1
12	32128–20	Nut – Lock, Flange Head	1
13	340–155	Fitting – Hydraulic 90° (Model 30455 Only)	2
14	237–79	O–Ring (Model 30455 Only)	6
15	70–1380	Protector – Sleeve (Model 30455 Only)	1
16	88–1290	Bracket – Rod, Seat	1
17	321–15	Screw – Cap Hex. Hd.	2
18	322–6	Screw – Cap Hex. Hd.	1
19	3256–23	Washer – Flat	1
20	56–7973	Clamp	2
21	3296–47	Nut – Lock	1
22	76–9970	Valve – 4 WD (Model 30455 Only)	1

Ref. No.	Part No.	Description	No. Used
23	340–55	Fitting – Hydraulic 45° (Model 30455 Only)	1
24	86–2770	Assembly – Tube, Traction (Model 30455 Only)	1
25	86–2910	Assembly – Hose (Model 30455 Only)	1
26	86–2710	Assembly – Hose, Rear Motor (Model 30455 Only)	1
27	340–157	Fitting – Tee (Model 30455 Only)	1
28	340–4	Fitting – Hydraulic (Model 30455 Only)	1
29	84–0720	Valve – Velocity (Model 30455 Only)	1
30	340–165	Fitting – Hydraulic (Model 30455 Only)	1
31	340–7	Fitting – Hydraulic	2
32	86–5480	Nlpple – Test	2
33	340–115	Fitting – Hydraulic	2
34	2412–34	Clamp – Hose	1
35	354–78	Connector – Hose	1
36	237–146	O–Ring	1
37	340–18	Fitting – Hydraulic 90°	1
38	86–5500	Assembly – Hose	1
39	86–3150	Assembly – Hose	1

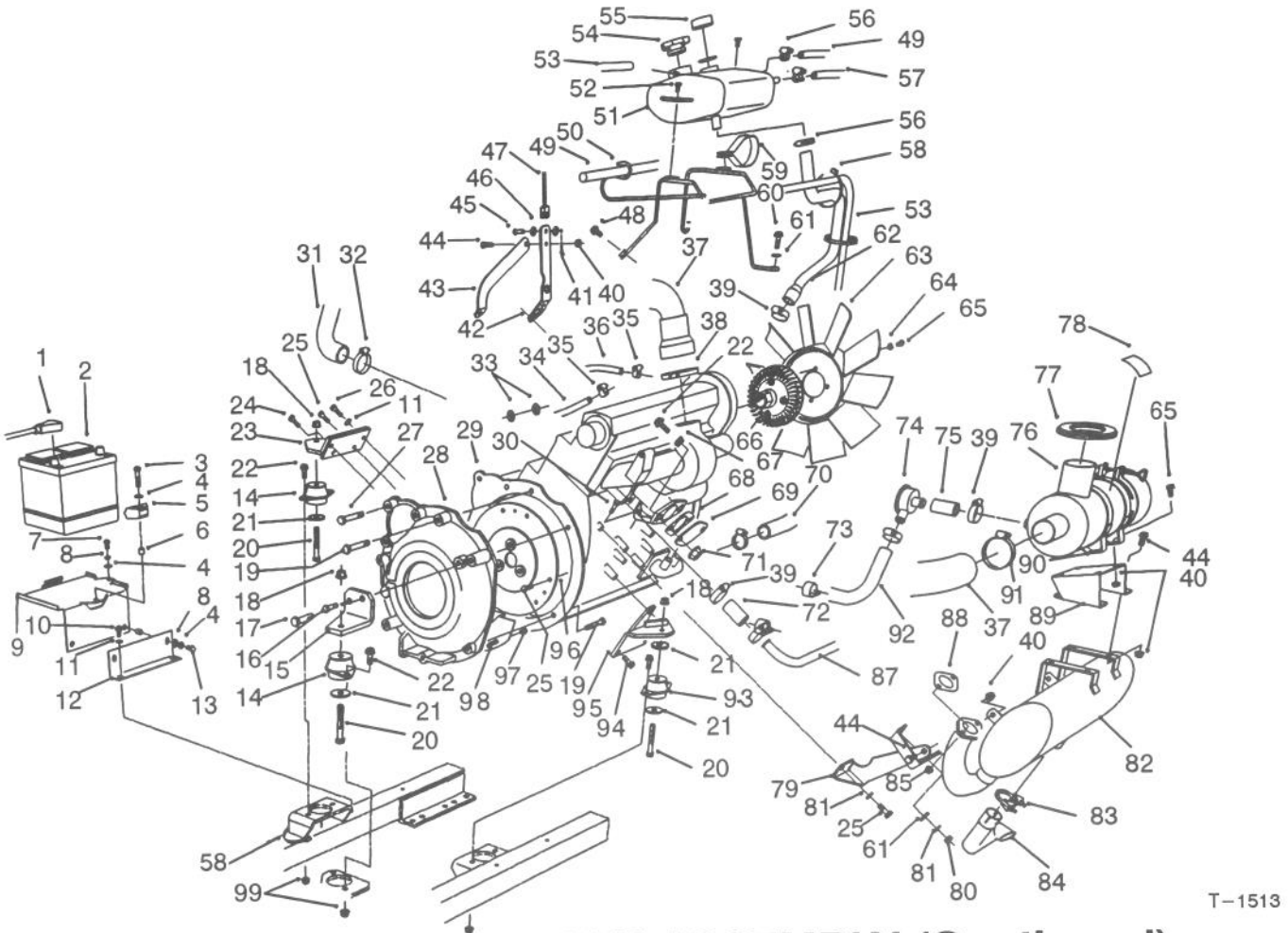


ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74–9080	Cable – Battery Pos.	1
*	74–9090	Cable – Battery Neg.	1
†2		Battery – Type 26 SMF–5	1
3	323–9	Screw – Cap Hex. Hd.	1
4	3256–24	Washer – Flat	4
5	66–2490	Clamp – Battery	1
6	32148–9	Insert	3
7	323–34	Screw – Cap Hex. Hd.	1
8	3253–21	Washer – Lock	3
9	76–6500	Base – Battery	1
10	32144–11	Screw – Hex. Washer Hd.	2
11	3255–8	Washer – Lock, Ext. Tooth	2
12	76–4310	Support – Base, Battery	1
13	323–33	Screw – Cap Hex. Hd.	2
14	53–9681	Mount – Rubber, Engine	2
15	74–5470	Mount – Engine	1
16	48–9470	Screw – Cap Hex. Hd.	1
17	48–7840	Screw – Cap Hex. Hd.	1
18	32128–37	Nut – Lock, Flange Hd.	3
19	48–7570	Screw – Cap Hex. Hd.	3
20	324–12	Screw – Cap Hex. Hd.	3
21	53–9480	Washer – Rebound	4
22	3234–11	Screw	8
23	76–4120	Mount W.A. – Engine	1
24	48–9460	Screw – Cap Hex. Hd.	1
25	48–7700	Screw – Cap Hex. Hd.	10
26	48–7730	Screw – Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
27	48–7810	Screw – Cap Hex. Hd.	3
28	84–0760	Adapter – Pump to Engine	1
29	74–5510	Assembly – Engine	1
30	322–16	Screw – Cap Hex. Hd.	2
31	74–5930	Hose – Radiator, Upper	1
32	2412–3	Clamp	2
33	86–2990	Mount – Cable, Throttle	2
34	63–7672	Hose – Fuel	1
35	2412–108	Clamp	3
36	63–7627	Hose – Fuel	1
37	74–6030	Hose – Air Cleaner	1
38	2412–125	Clamp – Hose	1
39	2412–129	Clamp – Hose	9
40	32128–30	Nut – Lock	11
41	3272–10	Pin – Cotter	1
42	77–3890	Bracket – Cable, Hood	1
43	74–4050	Bracket – Support, Hood	1
44	3234–5	Screw – Hex. Flange Hd.	6
45	283–58	Pin – Clevis	1
46	62–1230	Washer	2
47	66–2871	Cable – Hood	1
48	77–3900	Screw – Cap Hex. Hd.	1
49	74–6040	Hose – Return	1
50	74–4010	Wireform W.A.	1
51	77–3550	Box – Degassing	1
52	46–6811	Screw – Hex. Washer Hd.	2
53	55–4130	Hose – Fuel	1

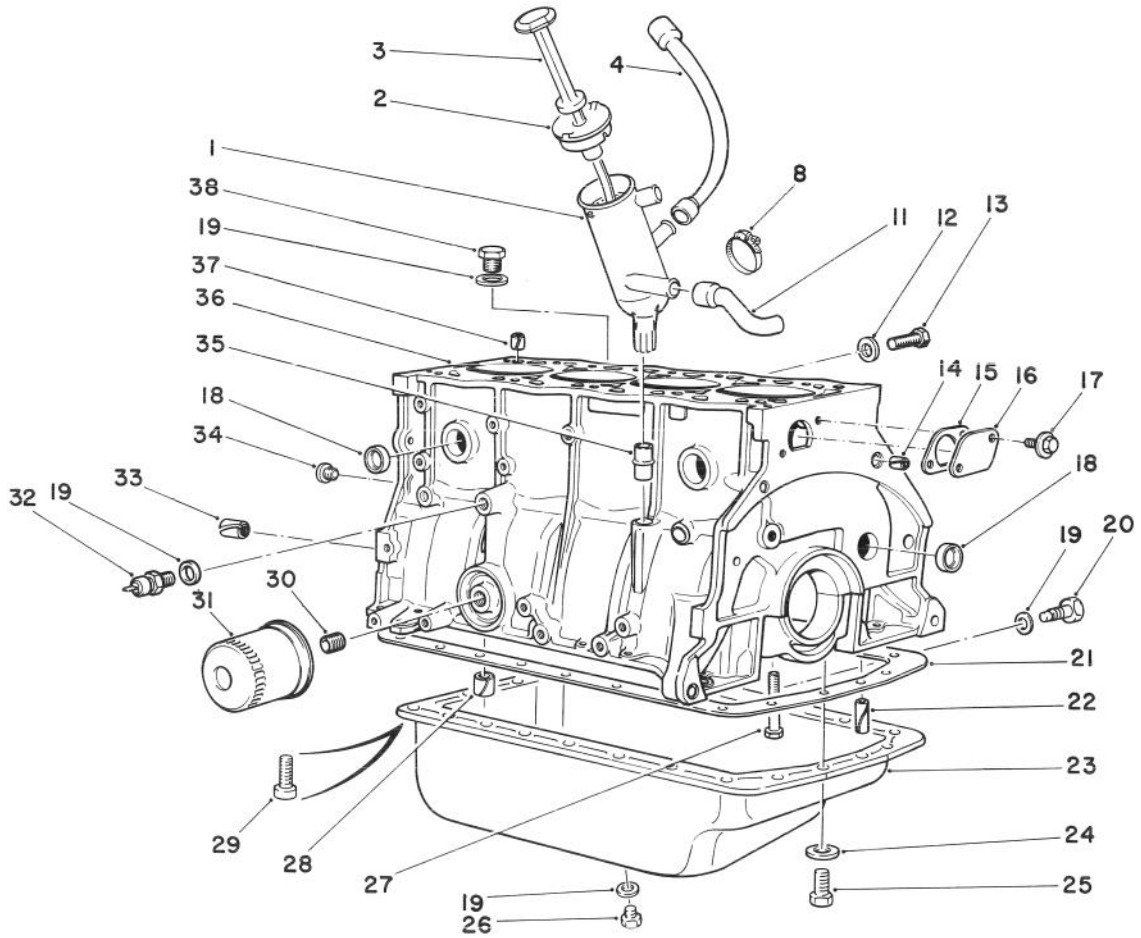
*Not Illustrated
†Obtain Locally



ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
54	66–3240	Cap – Expansion	1
55	77–3560	Cap	1
56	2412–119	Clamp	3
57	74–9120	Hose – Radiator, Overflow	1
58	3290–378	Tie – Cable (Model 30450 Only)	2
58	3290–378	Tie – Cable (Model 30455 Only)	3
59	2412–96	Clamp–R	1
60	3234–17	Screw – Hex. Flange Hd.	1
61	3256–3	Washer – Flat	3
62	74–6010	Hose – Overflow	1
63	74–3650	Fan	1
64	3253–4	Washer – Lock	4
65	322–3	Screw – Cap Hex. Hd .	8
66	74–5520	Clutch – Fan	1
67	76–4230	Guide – Exhaust, Manifold	2
68	74–5590	Gasket – Exhaust, Manifold	1
69	76–4160	Cover – Exhaust, Manifold	1
70	74–6020	Hose – Radiator, Lower	1
71	32128–19	Nut – Flange	2
72	74–6490	Hose – Water Line	2
73	2412–104	Clamp–R	1
74	74–5760	PCV Valve	1

Ref. No.	Part No.	Description	No. Used
75	74–7730	Hose – Air Cleaner PCV	1
76	74–6000	Assembly – Air Cleaner	1
77	88–1490	Holder – Foam	1
78	76–8770	Decal – Caution	1
79	92–1360	Bracket – Muffler	1
80	77–3320	Nut – Lock	2
81	68–9420	Washer – Lock	4
82	74–5980	Muffler W.A.	1
83	2112–9	Clamp – Muffler	1
84	86–5650	Pipe – Exhaust	1
85	32128–13	Nut – Lock	2
87	74–4900	Tube – Water, Return	1
88	77–3700	Gasket – Muffler, Exhaust	1
89	77–3880	Bracket – Air Cleaner	1
90	27–7170	Assembly – Band	2
91	2412–130	Clamp – Hose	1
92	74–7720	Hose – PVC Valve	1
93	53–9682	Mount – Rubber, Eng	1
94	48–7780	Screw – Cap Hex. Hd.	3
95	76–4220	Mount W.A. – Engine	1
96	84–1440	Plate – Adapter	1
97	48–7610	Screw – Cap Hex. Hd.	3
98	77–3600	Shield – Adapter	1
99	3290–357	Nut – Lock	6



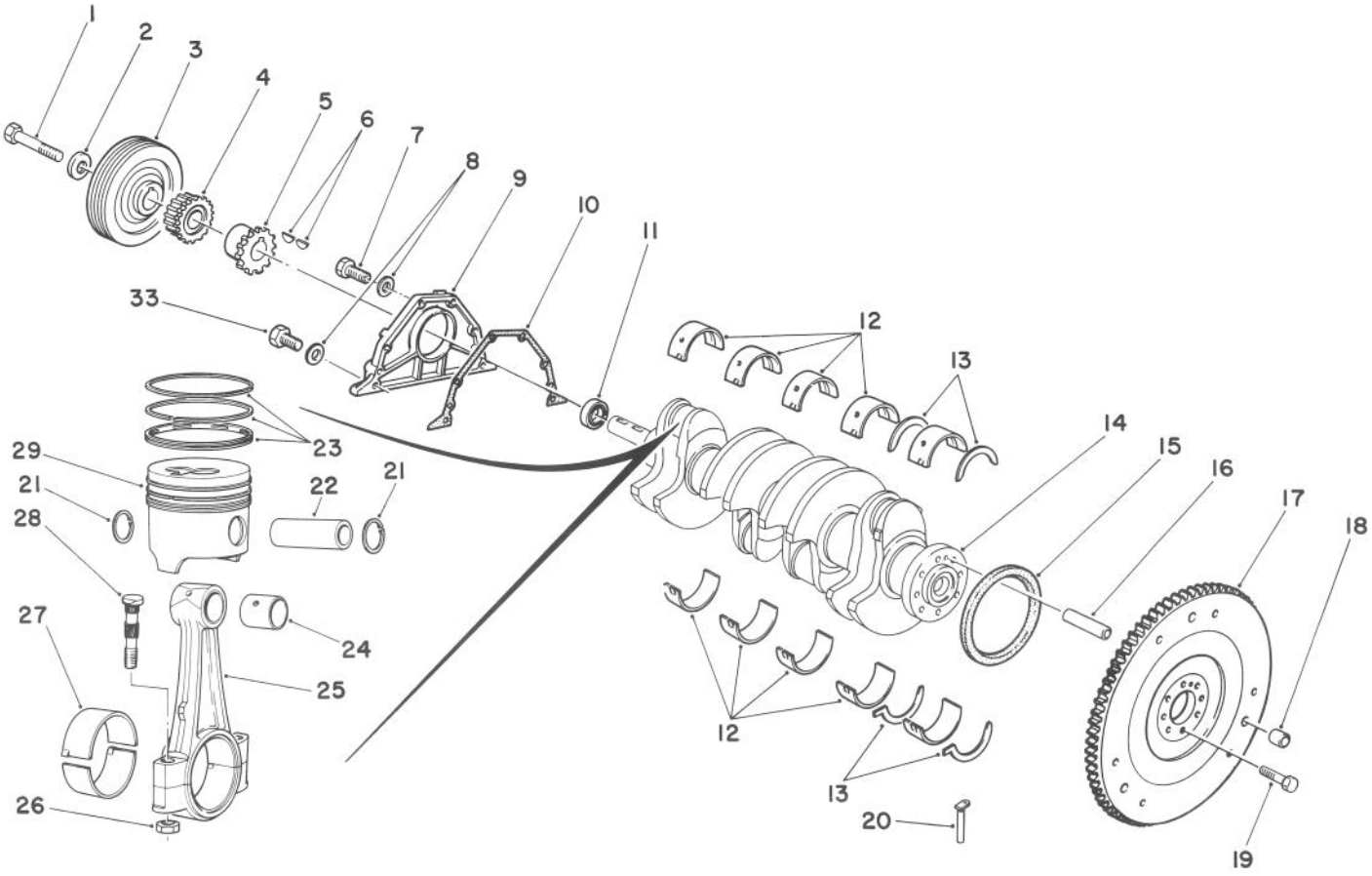
T–0962

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74–8050	Oil Decanter Assembly	1
2	74–7690	Cap – Filler	1
3	74–7700	Dipstick – Oil	1
4	74–7710	Hose – Breather	1
8	2412–129	Clamp – Hose	4
11	74–7770	Hose – Crankcase	1
12	74–7780	Gasket	1
13	74–7790	Screw	1
14	74–7800	Pin – Spring	2
15	74–7810	Gasket – Plate	1
16	74–7820	Plate	1
17	74–7830	Screw – Washer Hd.	2
18	74–7840	Plug	8
19	74–7850	Gasket	4
20	74–7920	Plug	1
21	74–7870	Gasket – Oil Pan	1
22	74–7880	Pin – Groove	2
23	74–7890	Pan – Oil	1

Ref. No.	Part No.	Description	No. Used
24	74–7900	Washer – Stop	23
25	74–7910	Screw – Cap Hex. Hd.	20
26	77–3790	Plug – Drain	1
27	74–7930	Screw – Bearing Cap	10
28	74–7940	Bushing – Spring	1
29	74–7950	Screw – Plate	6
30	74–7960	Stud – Filter	1
31	74–7970	Filter – Oil	1
32	74–7980	Switch – Pressure	1
33	74–7990	Pin – Spring	4
34	74–8000	Plug	2
35	74–8010	Tube	1
36	74–8020	Longblock Assembly (Incl. Pistons)	1
37	74–8030	Pin – Spring	1
38	74–8040	Plug	1
*	74–8060	Gasket Set (Without Head Gasket)	1

*Not Illustrated



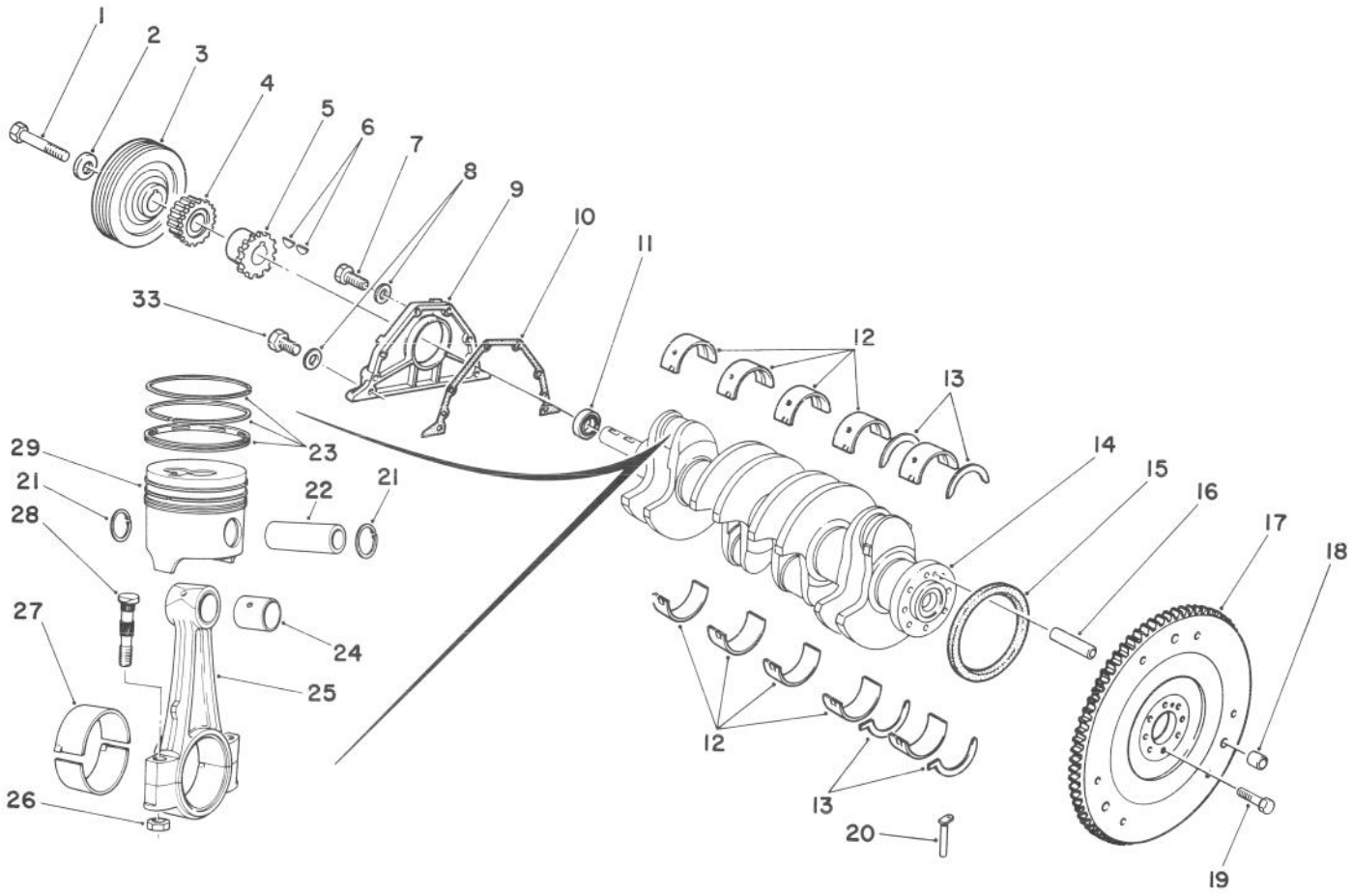
T-0963A

CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74-8070	Screw – Cap Hex. Hd.	1
2	74-8080	Washer	1
3	74-8090	Pulley	1
4	74-8100	Gear – Pinion	1
5	74-8110	Sprocket – Oil Pump	1
6	74-8120	Key – Woodruff	2
7	74-8130	Screw – Cap Hex. Hd.	4
8	74-7560	Washer	6
9	74-8140	Cover	1
10	74-8150	Gasket – Cover	1
11	74-8160	Seal – Shaft	1
12	74-8170	Bearing Set (Std.)	5
*	74-8180	Bearing Set (.30mm OS)	5
13	74-8190	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

Ref. No.	Part No.	Description	No. Used
16	74-8250	Pin	1
17	74-8260	Flywheel	1
18	74-8270	Pin	3
19	74-8280	Screw – Cap Hex. Hd.	8
20	74-8290	Seal – #1 Bearing Cap	2
21	74-8300	Clip – Piston Pin	8
22	74-8310	Pin – Piston	4
23	74-8320	Piston Ring Set (Stage #1)	4
*	74-8330	Piston Ring Set (Stage #2)	4
*	74-8340	Piston Ring Set (Stage #3)	4
24	74-8350	Bushing – Sleeve	4
25	74-8360	Rod – Connecting	4
26	74-8370	Nut – Hex.	8
27	74-8380	Bearing – Connecting Rod (Std.)	4
*	74-8390	Bearing – Connecting Rod (49.7mm ID)	4
28	74-8400	Bolt – Connecting Rod	4
29	74-8420	Piston Set – Stage #1 (83.13mm OD) (Incl. Ref. #21-23)	1

*Not Illustrated



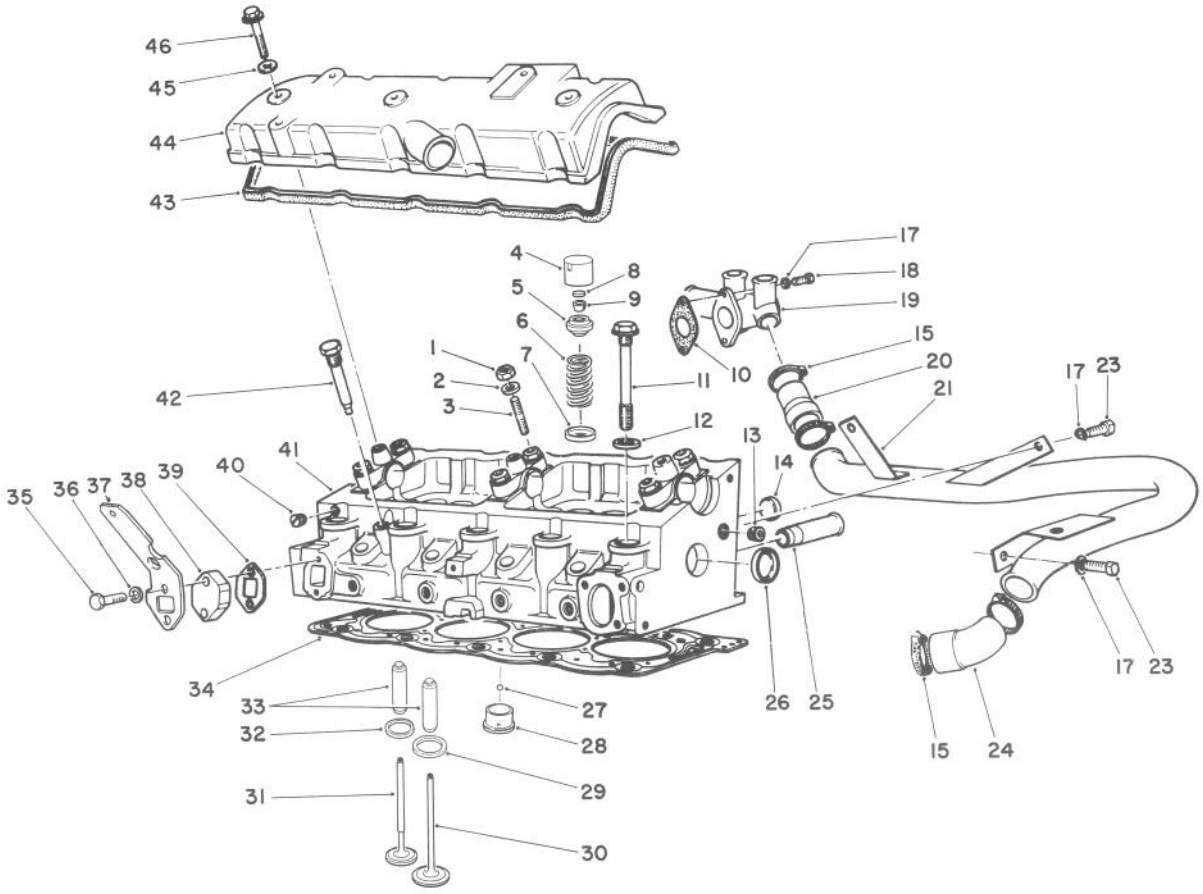
T–0963A

CRANKSHAFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
29	74–8430	Piston Set – Stage #2 (83.43mm OD) (Incl. Ref. #21–23)	1
*	74–8440	Piston Set – Stage #3 (83.73mm OD) (Incl. Ref. #21–23)	1

Ref. No.	Part No.	Description	No. Used
33	74–8570	Screw – Cap Hex. Hd.	2

*Not Illustrated



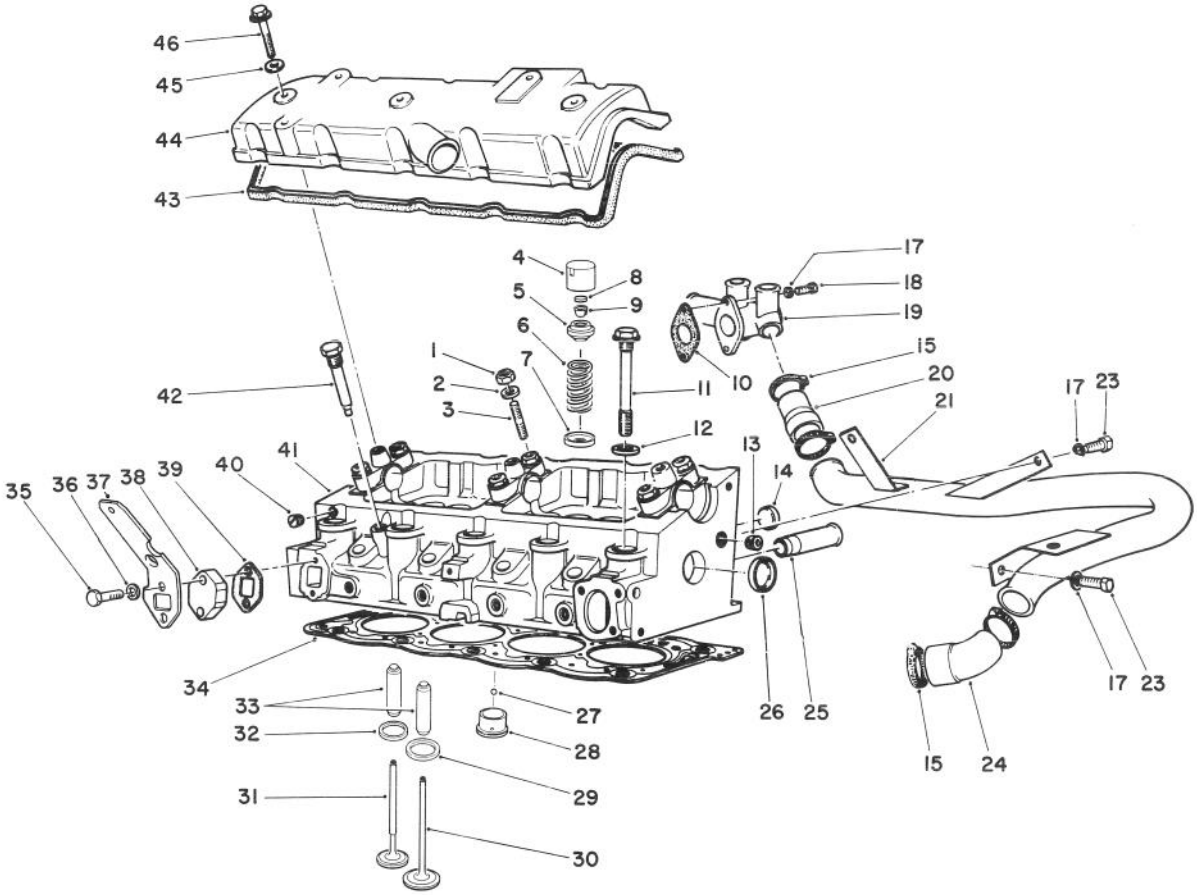
T–0965

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46–0330	Nut – Lock	6
2	74–6520	Washer – Flat	6
3	74–6530	Stud	6
4	74–6540	Tappet – Valve	8
5	74–6550	Cup – Upper Valve Spring	8
6	74–6560	Spring – Valve	8
7	74–6570	Cup – Lower Valve Spring	8
8	74–6580	Insert – Valve (1.650mm)	8
*	74–6590	Insert – Valve (1.725mm)	8
*	74–6600	Insert – Valve (1.800mm)	8
*	74–6610	Insert – Valve (1.900mm)	8
*	74–6620	Insert – Valve (1.975mm)	8
*	74–6630	Insert – Valve (2.050mm)	8
*	74–6640	Insert – Valve (2.125mm)	8
*	74–6650	Insert – Valve (2.225mm)	8
*	74–6660	Insert – Valve (2.250mm)	8
*	74–6670	Insert – Valve (2.275mm)	8
*	74–6680	Insert – Valve (2.300mm)	8
*	74–6690	Insert – Valve (2.325mm)	8
*	74–6700	Insert – Valve (2.350mm)	8
*	74–6710	Insert – Valve (2.375mm)	8
*	74–6720	Insert – Valve (2.400mm)	8
*	74–6730	Insert – Valve (2.425mm)	8

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

*Not Illustrated



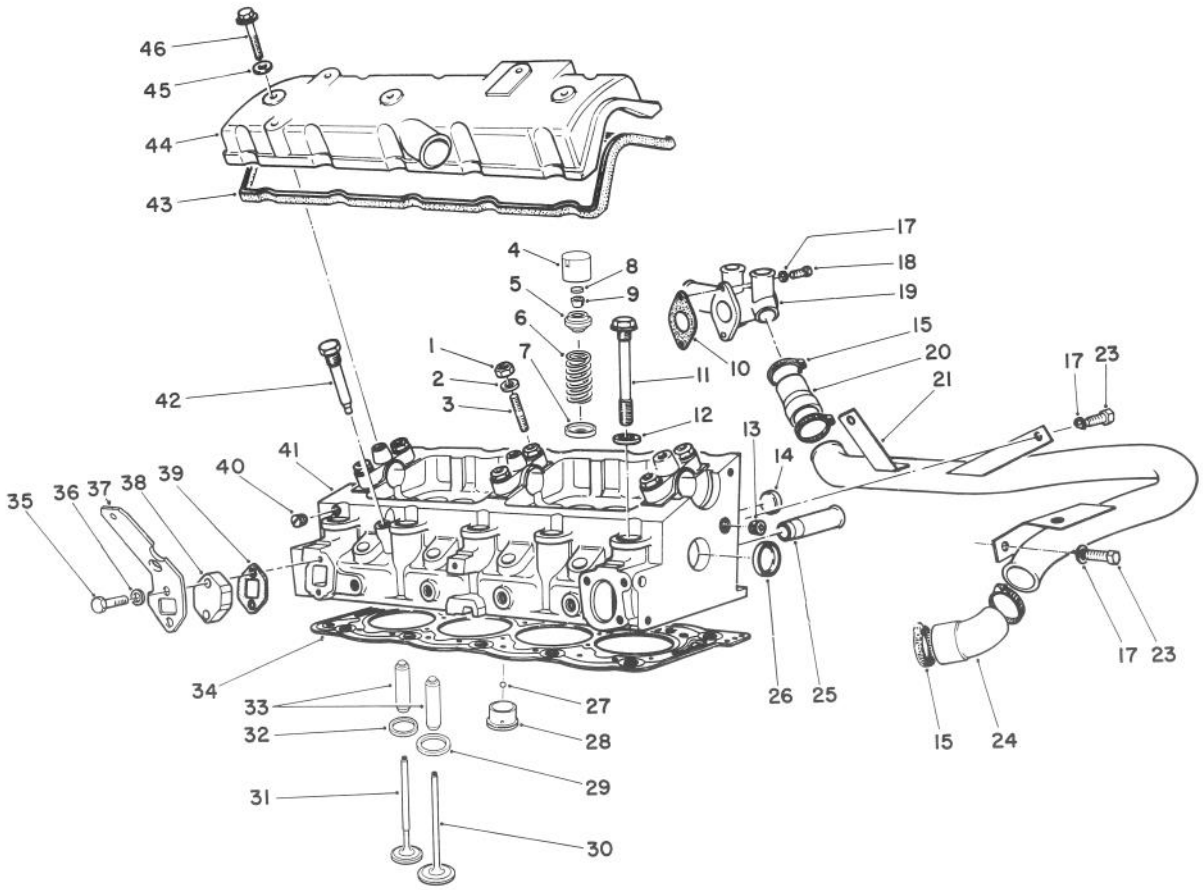
T–0965

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
8	74–6970	Insert – Valve (3.025mm)	8
*	74–6980	Insert – Valve (3.050mm)	8
*	74–6990	Insert – Valve (3.075mm)	8
*	74–7000	Insert – Valve (3.100mm)	8
*	74–7010	Insert – Valve (3.125mm)	8
*	74–7020	Insert – Valve (3.150mm)	8
*	74–7030	Insert – Valve (3.175mm)	8
*	74–7040	Insert – Valve (3.200mm)	8
*	74–7050	Insert – Valve (3.225mm)	8
*	74–7060	Insert – Valve (3.250mm)	8
*	74–7070	Insert – Valve (3.275mm)	8
*	74–7080	Insert – Valve (3.300mm)	8
*	74–7090	Insert – Valve (3.325mm)	8
*	74–7100	Insert – Valve (3.350mm)	8
*	74–7110	Insert – Valve (3.375mm)	8
*	74–7120	Insert – Valve (3.400mm)	8
*	74–7130	Insert – Valve (3.425mm)	8
*	74–7140	Insert – Valve (3.450mm)	8
*	74–7150	Insert – Valve (3.475mm)	8
*	74–7160	Insert – Valve (3.500mm)	8
*	74–7170	Insert – Valve (3.550mm)	8
*	74–7180	Insert – Valve (3.625mm)	8
*	74–7190	Insert – Valve (3.700mm)	8
*	74–7200	Insert – Valve (3.775mm)	8
*	74–7210	Insert – Valve (3.850mm)	8

Ref. No.	Part No.	Description	No. Used
8	74–7220	Insert – Valve (3.925mm)	8
*	74–7230	Insert – Valve (4.000mm)	8
9	74–7240	Collar – Split	16
10	74–7250	Gasket – Fitting	1
11	74–7260	Bolt – Head	10
12	74–7270	Washer – Flat	10
13	74–7280	Plug	2
14	74–7840	Plug	2
15	2412–119	Clamp – Hose	4
17	68–9420	Washer – Lock	5
18	48–9460	Screw – Cap Hex. Hd.	2
19	74–7340	Fitting – Coolant	1
20	74–7350	Hose	1
21	74–7360	Tube – Collector	1
23	48–7700	Screw – Cap Hex. Hd.	3
24	74–7390	Hose – Elbow	1
25	74–7400	Tube	1
26	74–7410	Plug	2
27	74–7420	Ball	4
28	74–7430	Chamber – Turbulence (32.45mm)	4
*	74–7440	Chamber – Turbulence (32.65mm)	4

*Not Illustrated



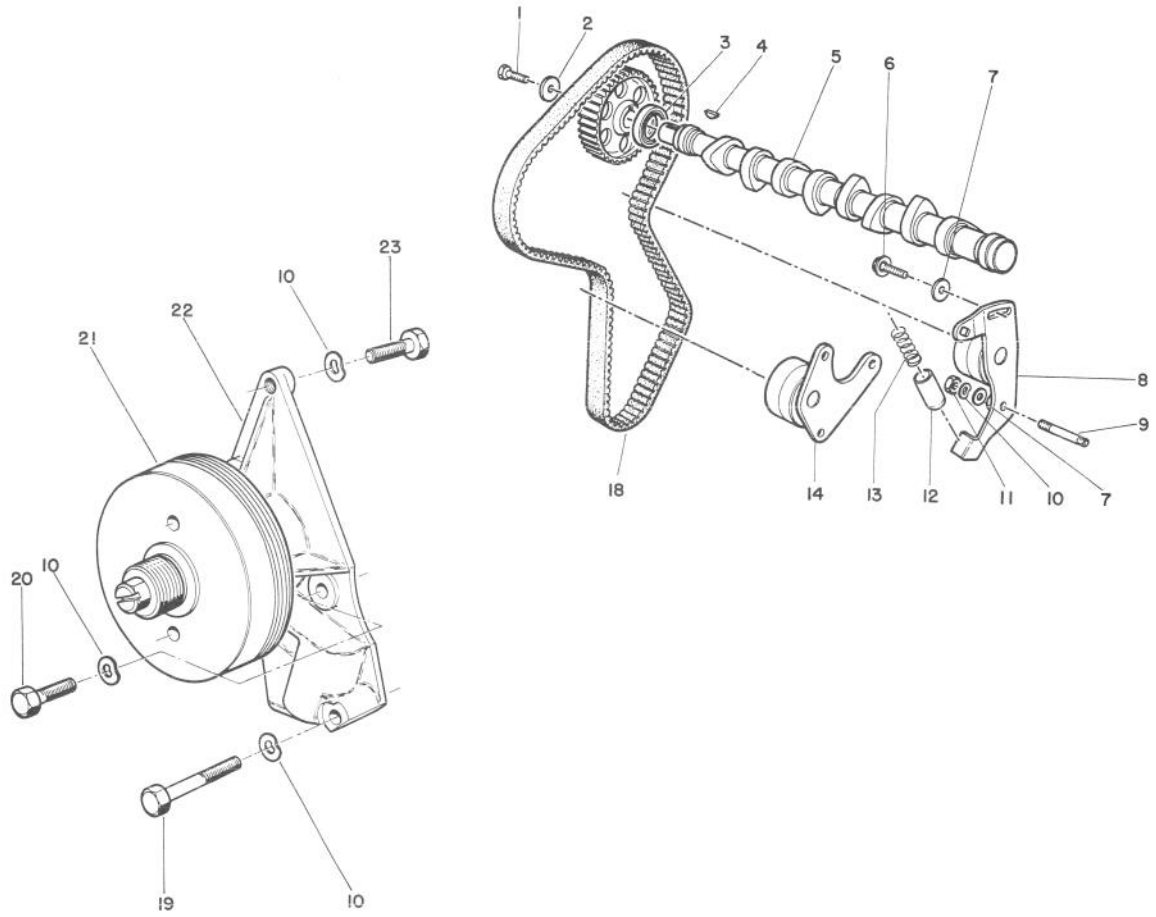
T–0965

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
29	74–7450	Seat – Intake Valve (39.3mm)	4
*	74–7460	Seat – Intake Valve (39.5mm)	4
30	74–7480	Valve – Intake	4
31	74–7470	Valve – Exhaust	4
32	74–7490	Seat – Exhaust Valve (34.3mm)	4
*	74–7500	Seat – Exhaust Valve (34.5mm)	4
33	74–7510	Guide – Valve (14.29mm)	8
*	74–7520	Guide – Valve (14.59mm)	8
34	74–7530	Gasket – Head (1.61mm)	1
*	74–7540	Gasket – Head (1.73mm)	1

Ref. No.	Part No.	Description	No. Used
35	74–7550	Screw – Cap Hex. Hd.	2
36	74–7560	Washer – Lock	2
37	77–3890	Bracket – Hood Cable	1
38	74–7580	Plate	1
39	74–7590	Gasket	1
40	74–7600	Plug	4
41	74–7610	Cylinder Head Assembly	1
42	74–7620	Plug	1
43	74–7630	Gasket – Valve Cover	1
44	74–7640	Cover – Valve	1
45	74–7650	Washer – Flat	3
46	48–7640	Bolt – Valve Cover	3
*	74–7670	Head Bolt & Washer Set (Incl. Ref. #11 & 12)	1

*Not Illustrated

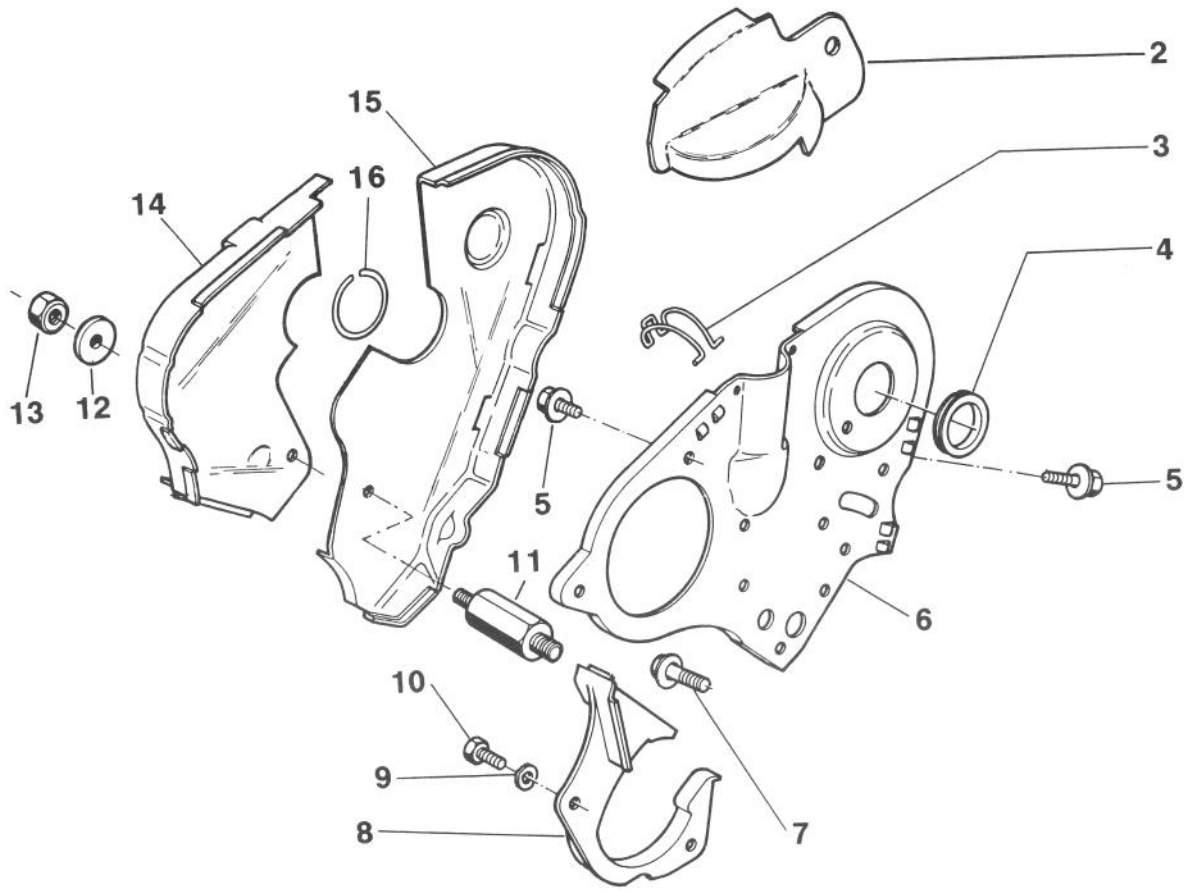


T–1106

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	77–3460	Screw	1
7	74–8900	Washer – Flat	2
8	77–3540	Roller Assembly	1
9	74–6530	Stud	1
10	68–9420	Washer – Lock	6

Ref. No.	Part No.	Description	No. Used
11	46–0330	Nut – Lock	1
12	77–3520	Cup	1
13	77–3510	Spring	1
14	77–3500	Roller Assembly	1
18	77–3430	Belt	1
19	60–6700	Screw – Cap Hex. Hd.	1
20	77–3360	Screw	3
21	77–3380	Pulley	1
22	77–3390	Support	1
23	77–3370	Screw	1

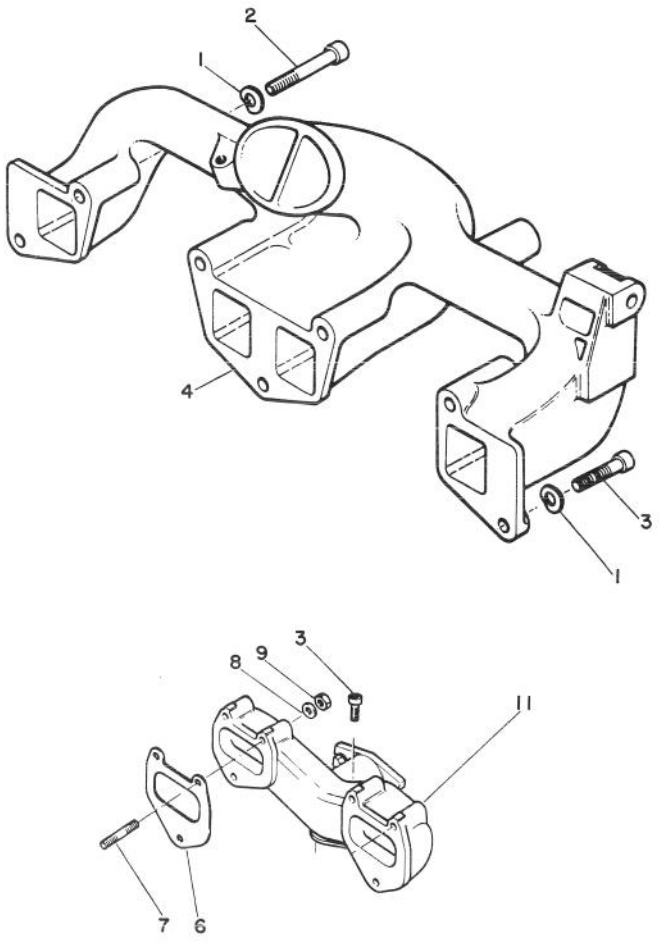


T–1115

BELT COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	77–3590	Shield	1
3	77–3830	Clip	4
4	77–3840	Grommet	1
5	48–7700	Screw – Hex. Washer Hd.	2
6	77–3800	Shield	1
7	48–9460	Screw – Hex. Washer Hd.	2
8	77–3810	Shield	1
9	74–7560	Washer – Spring	2

Ref. No.	Part No.	Description	No. Used
10	74–7910	Screw – Cap Hex. Hd.	2
11	77–3820	Support – Shield	1
12	77–3870	Washer – Flat	1
13	77–3860	Nut – Lock	1
14	77–3580	Shield	1
15	77–3570	Shield	1
16	77–3850	Ring – Snap	1

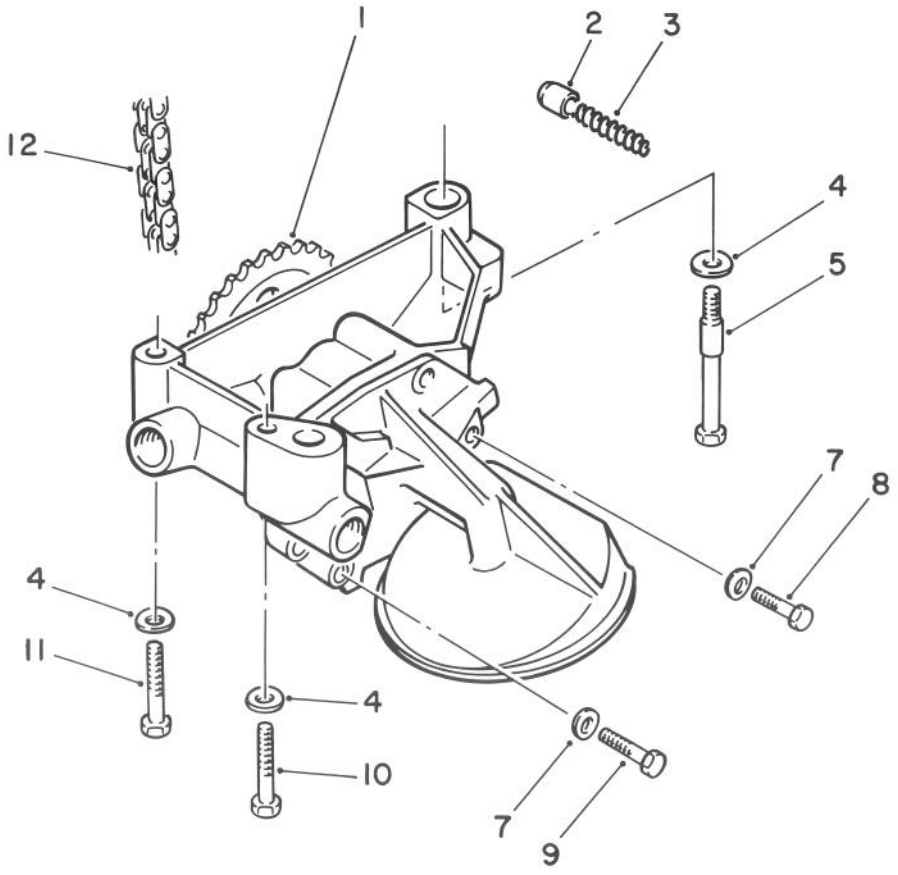


T–1107

INTAKE & EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68–9420	Washer – Spring	7
2	77–3280	Screw	5
3	77–3290	Screw	4
4	77–3270	Manifold – Intake	1
6	77–3310	Gasket	2

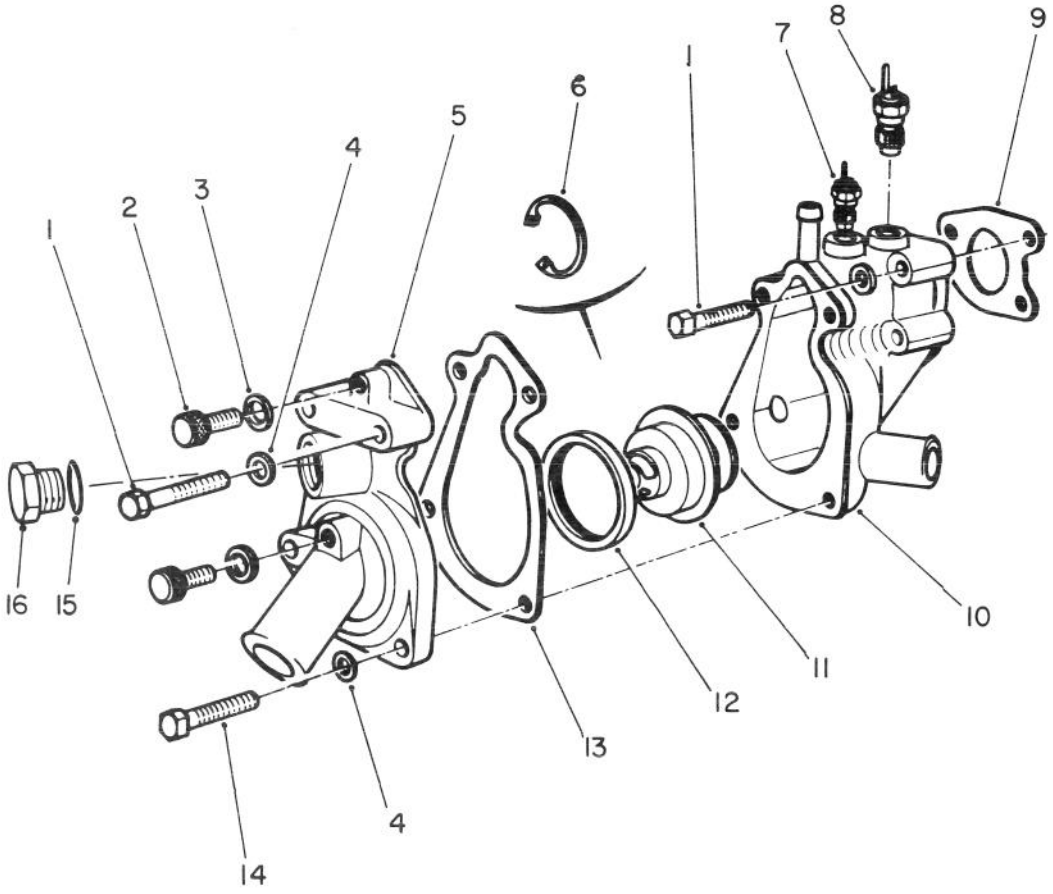
Ref. No.	Part No.	Description	No. Used
7	77–3300	Stud	6
8	68–9420	Washer – Lock	6
9	77–3320	Nut – Hex	6
11	77–3340	Manifold – Exhaust	1



T–0964

OIL PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76–5070	Oil Pump Assembly	1
2	76–5080	Piston	1
3	76–5090	Spring – Piston	1
4	68–9420	Washer – Spring	3
5	76–5100	Bolt – Shoulder	1
7	74–7560	Washer – Spring	5
8	74–7910	Screw – Cap Hex. Hd.	2
9	48–7640	Screw – Cap Hex. Hd.	3
10	76–5150	Screw – Cap Hex. Hd.	1
11	76–5160	Screw – Cap Hex. Hd.	1
12	76–5170	Chain – Pump Drive	1

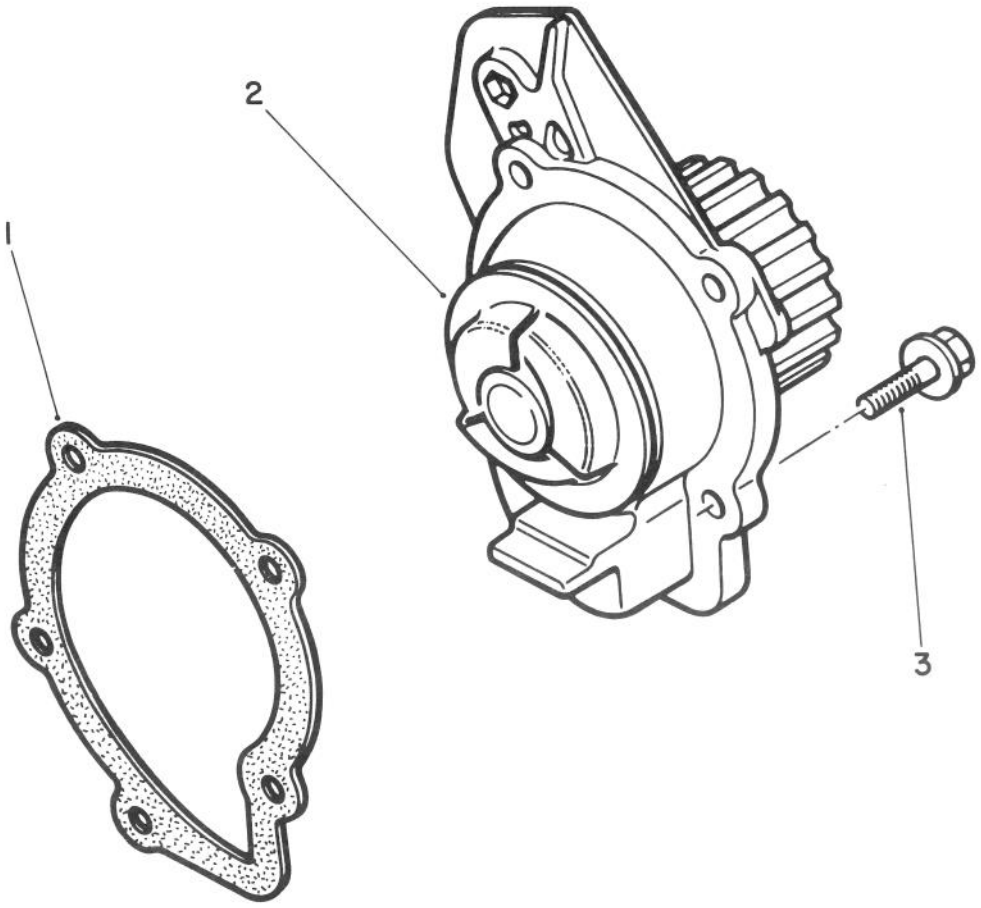


T-0974

COLLECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-5330	Screw – Cap Hex. Hd.	2
2	76-5340	Plug – Drain	2
3	76-5350	Gasket – Drain Plug	2
4	74-7560	Washer – Spring	4
5	76-5360	Cover – Collector	1
6	76-5370	Ring – Retaining	1
7	76-5380	Temperature Sending Unit	1
8	76-5400	Switch – Temp. 105°C	1

Ref. No.	Part No.	Description	No. Used
9	76-5410	Gasket – Collector	1
10	76-5420	Housing – Collector	1
11	76-5430	Thermostat 81°C	1
12	76-5450	Gasket – Thermostat	1
13	76-5460	Gasket – Collector Housing	1
14	76-5470	Screw – Cap Hex. Hd.	2
15	74-8810	Gasket	1
16	74-8820	Plug	1



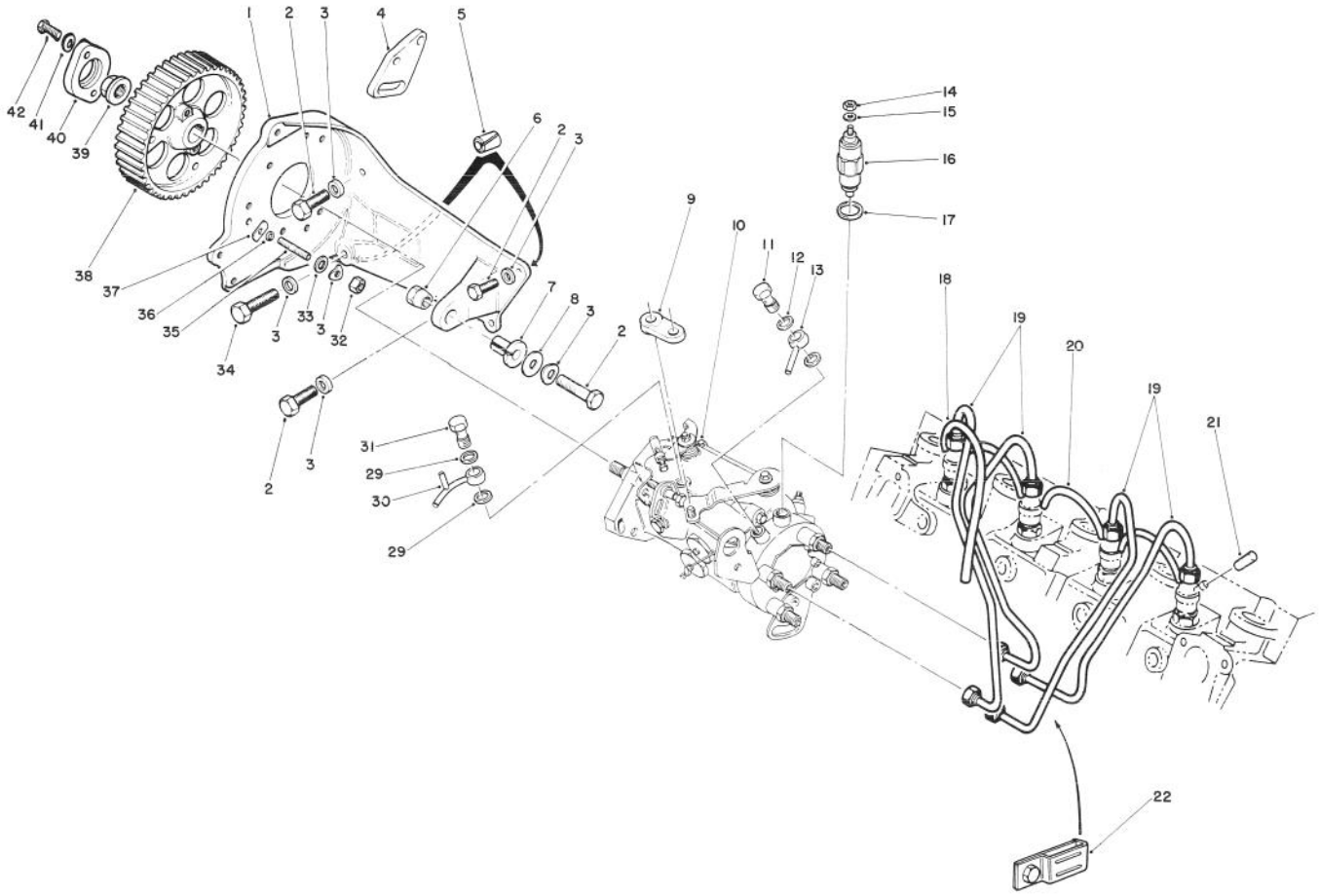
T–0970

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76–5480	Gasket – Water Pump	1
2	76–5490	Water Pump Assembly (Incl. Ref. #1)	1

Ref. No.	Part No.	Description	No. Used
3	76–5500	Screw – Cap Hex. Hd.	5

3315–121



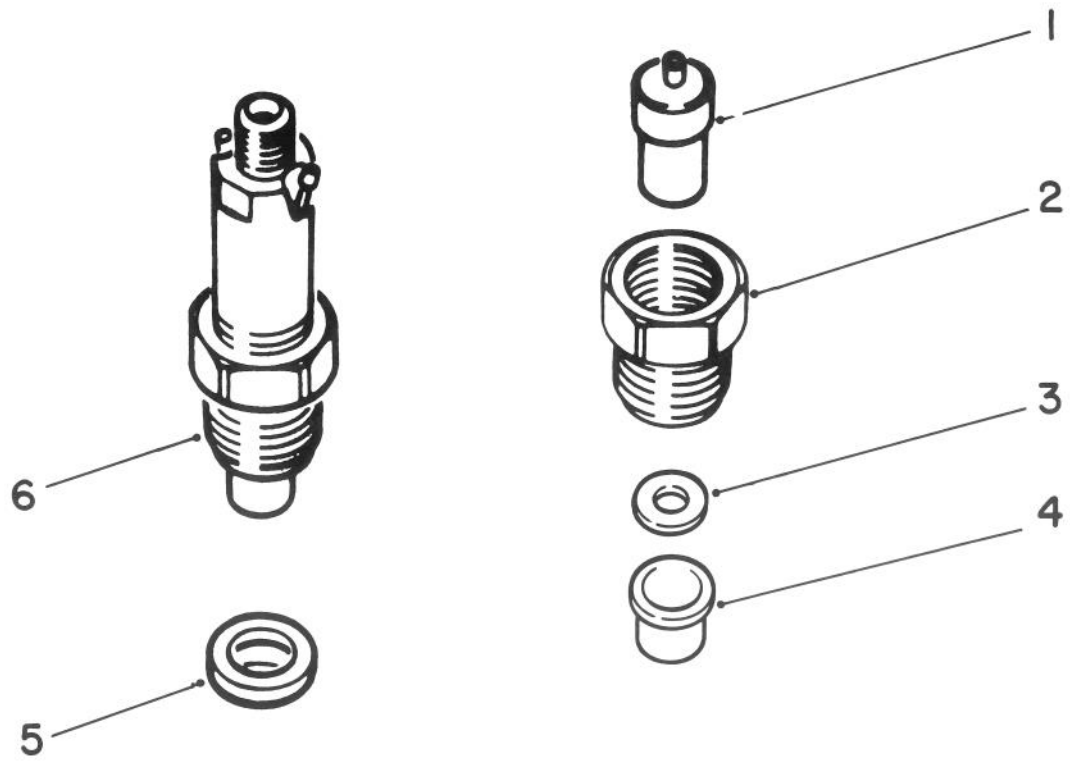
T–0969

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74–8580	Bracket – Pump	1
2	60–6760	Screw – Cap Hex. Hd.	4
3	68–9420	Washer – Spring	8
4	74–8600	Bracket – Pump	1
5	74–8610	Pin – Spring	1
6	74–8620	Nut – Conical	1
7	74–8630	Bushing – Flange	1
8	74–8640	Washer – Flat	1
9	74–8650	Pacer	1
10	74–8660	Injection Pump Assembly	1
11	74–8670	Fuel Inlet Assembly (Incl. Ref. #13)	1
12	74–8680	Gasket	2
13		Banjo – Fuel Inlet	1
14	48–7880	Nut	1
15	74–8710	Washer	1
16	74–8720	Stop Valve Assembly	1
17	74–8730	Ring – Seal	1
18	74–8740	Tube – Pump Return	1
19	74–8750	Injection Tube Set	1

Ref. No.	Part No.	Description	No. Used
20	74–8760	Hose – Rubber	3
21	74–8770	Plug	1
22	74–8780	Clamp – Plastic	1
*	74–8790	Clamp – Metal	1
29	74–8870	Gasket	2
30		Banjo – Fuel Outlet	1
31	74–8890	Fuel Outlet Assembly (Incl. Ref. #30)	1
32	46–0330	Nut	3
33	74–8900	Washer – Flat	1
34	60–6700	Screw – Cap Hex. Hd.	1
35	76–4910	Stud	3
36	68–9420	Washer – Lock	3
37	76–4930	Washer	3
38	76–4940	Pulley – Pump	1
39	76–4950	Nut – Flange	1
40	76–4960	Flange	1
41	74–7560	Washer – Spring	2
42	74–8130	Screw – Cap Hex. Hd.	2

*Not Illustrated

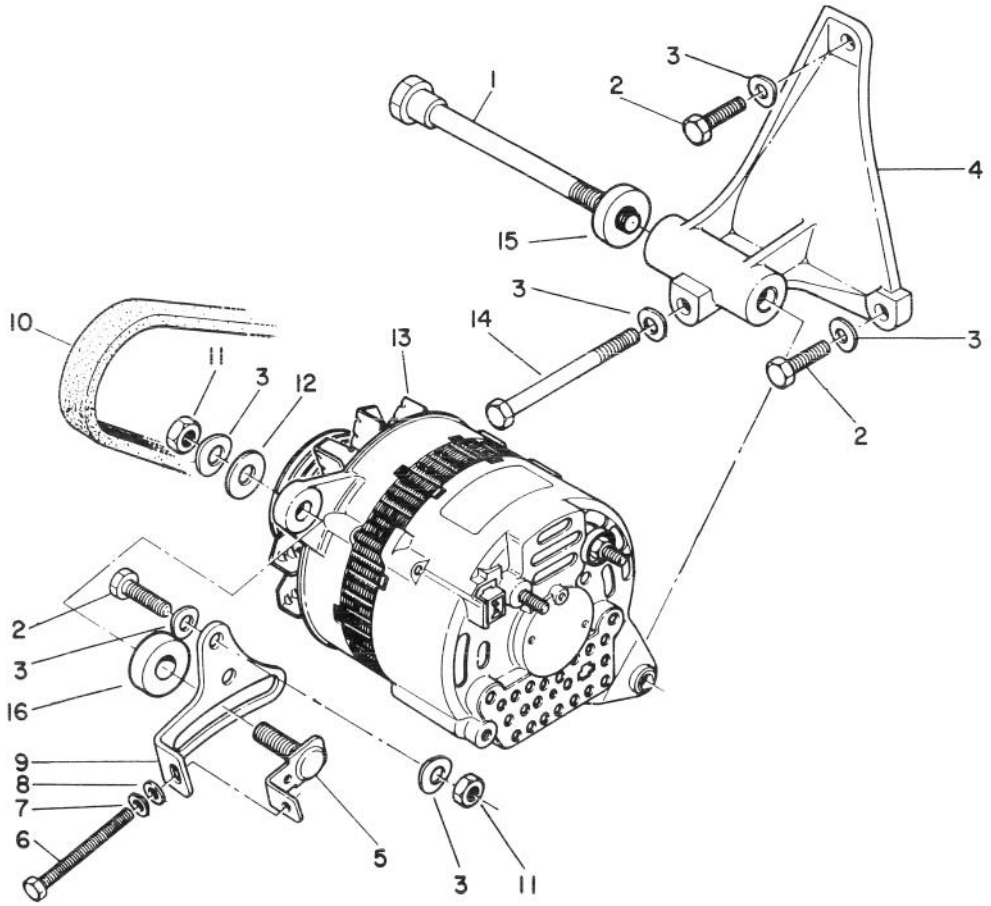


T–0971

FUEL INJECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76–5510	Injector – Fuel	4
2	76–5520	Holder – Fuel Injector	4
3	76–5530	Washer	4
4	76–5540	Bushing – Injector	4

Ref. No.	Part No.	Description	No. Used
5	76–5550	Gasket – Fuel Injector	4
6	76–5560	Fuel Injector Assembly (Incl. Ref. #1–5)	4

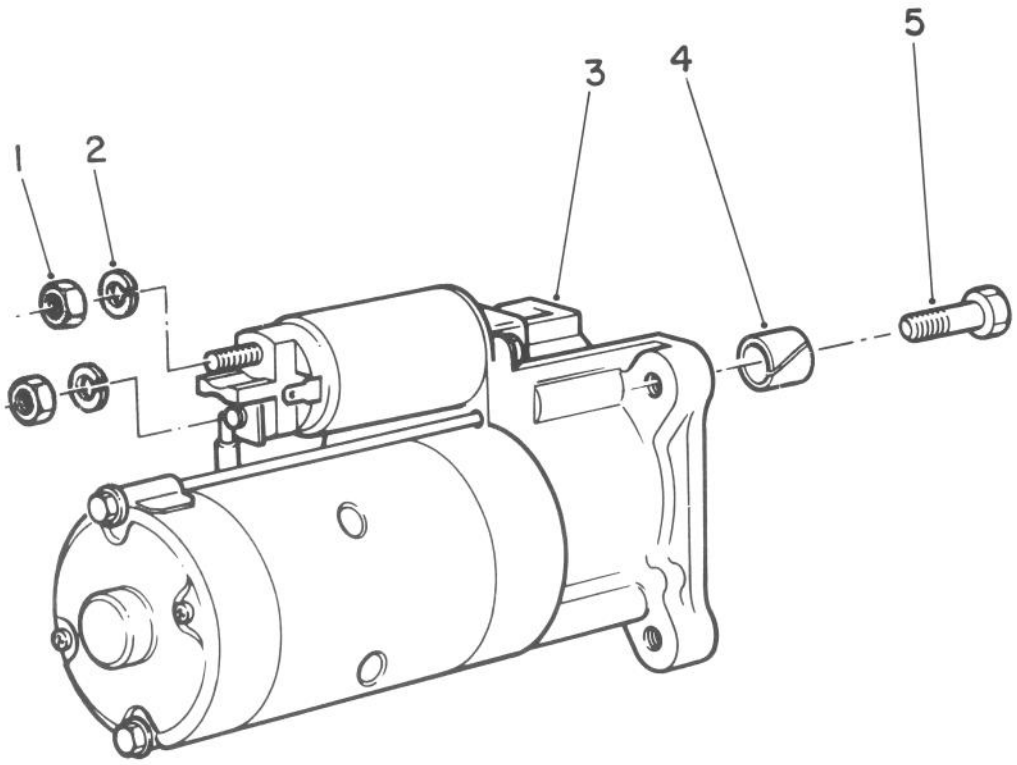


T–0967

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76–4970	Screw – Shoulder	1
2	48–9460	Screw – Cap Hex. Hd.	3
3	68–9420	Washer – Spring	6
4	76–4980	Bracket – Mounting	1
5	76–4990	Bolt – Slide	1
6	76–5000	Bolt – Adjusting	1
7	76–5010	Washer – Spring	1
8	76–5020	Washer – Flat	1

Ref. No.	Part No.	Description	No. Used
9	76–5030	Bracket – Slide	1
10	76–5040	Belt – V	1
11	46–0330	Nut – Hex.	2
12	74–8640	Washer – Flat	1
13	76–5050	Alternator	1
14	76–5060	Screw – Cap Hex. Hd.	1
15	77–3260	Washer	1
16	77–3250	Washer	1

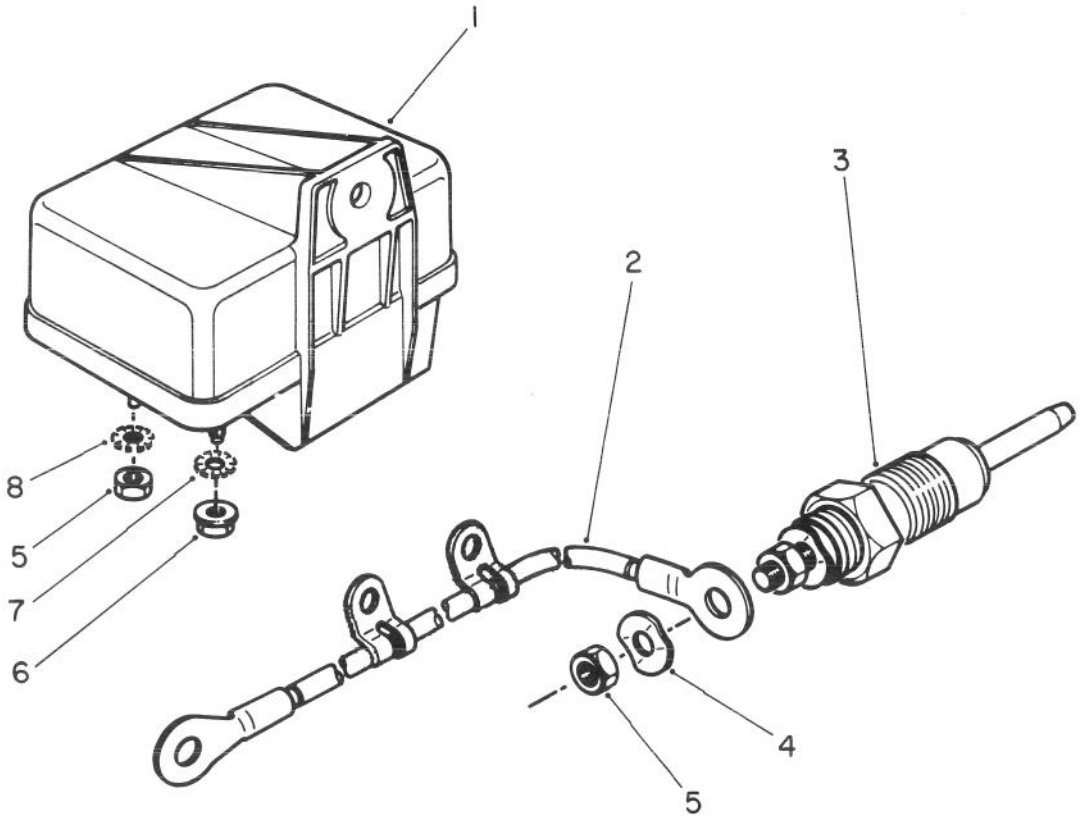


T–0968

STARTER ASSEMBLY

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

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

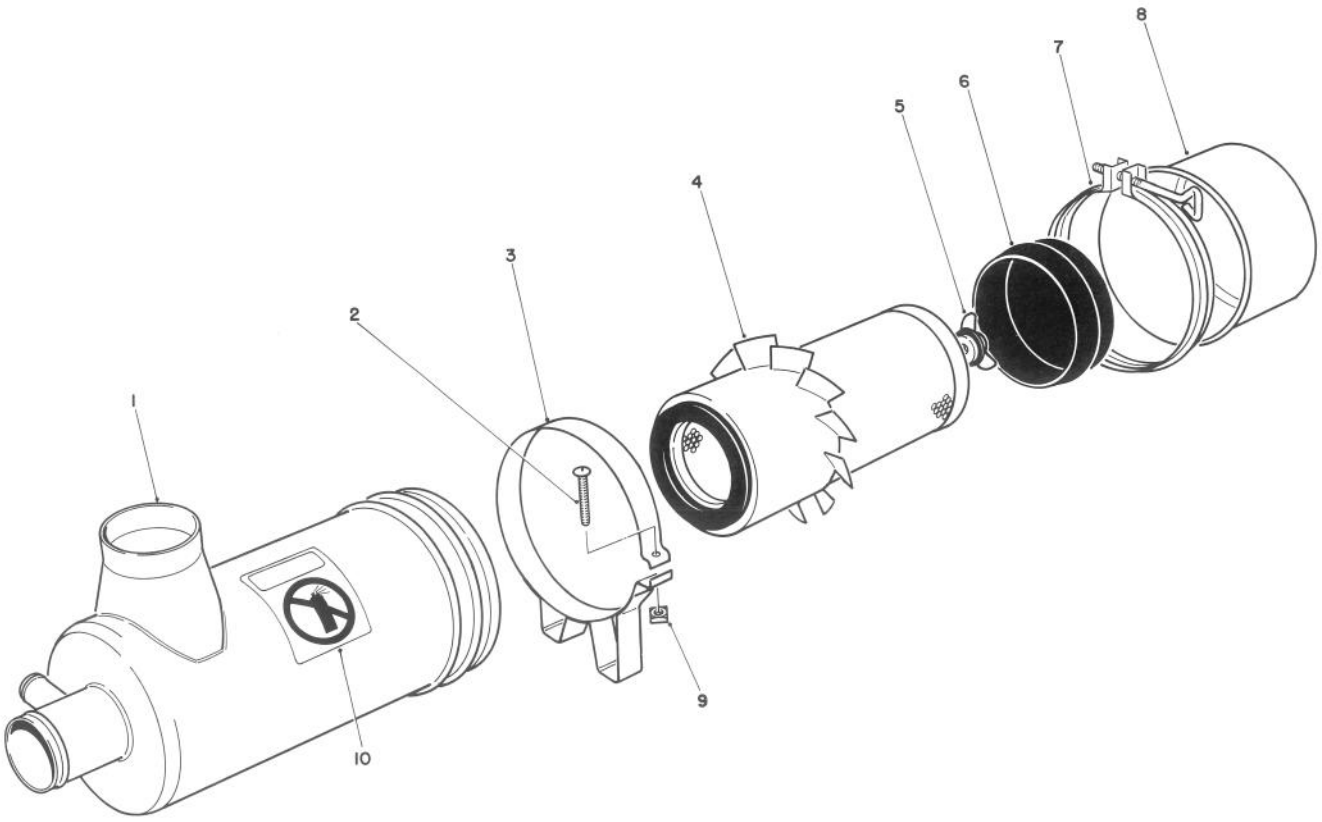


T–0972

GLOW PLUG & GLOW RELAY

Ref. No.	Part No.	Description	No. Used
1	76–5260	Relay – Glow Plug	1
2	76–5270	Cable – Glow Plug	4
3	76–5280	Plug – Glow	4
4	76–5290	Washer – Spring	4

Ref. No.	Part No.	Description	No. Used
5	48–7880	Nut – Hex.	5
6	65–7980	Nut – Hex. Flange	1
7	76–5310	Washer – E.T.L.W.	1
8	74–8710	Washer – E.T.L.W.	1

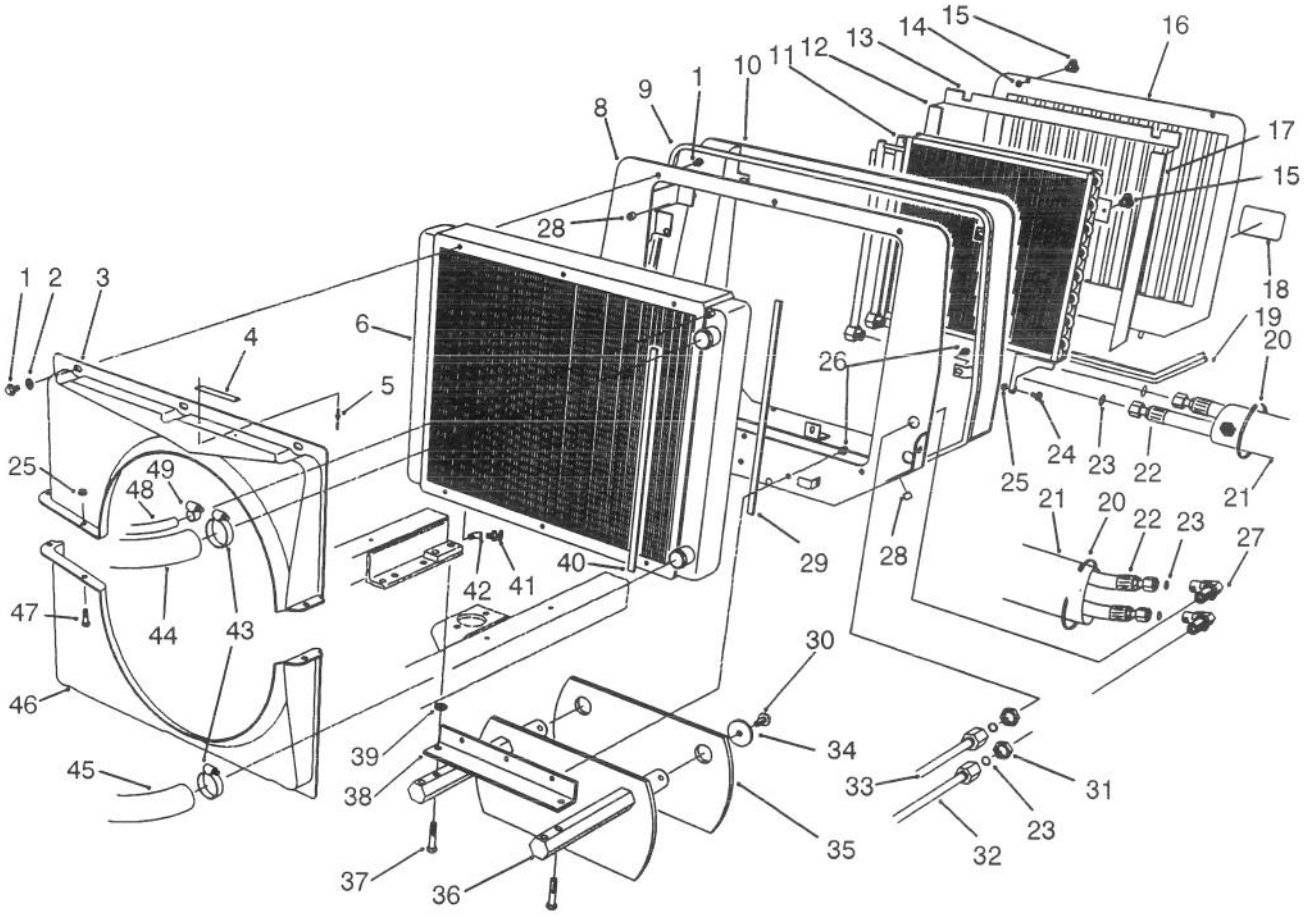


T–1113

AIR CLEANER NO. 74–6000

Ref. No.	Part No.	Description	No. Used
1	74–6000	Air Cleaner Assembly (Incl. Ref. #4–8)	1
2	3258–19	Screw – Rd. Head Machine	2
3	27–7170	Band Assembly (Incl. Ref. 2 & 9)	1
4	27–7110	Element Assembly	1

Ref. No.	Part No.	Description	No. Used
5	27–7120	Nut & Gasket Assembly	1
6	27–7140	Skirt – Baffle	1
7	27–7130	Clamp Assembly	1
8	27–7150	Cap Assembly	1
9	32107–11	Nut	2
10	76–8770	Decal – Caution	1

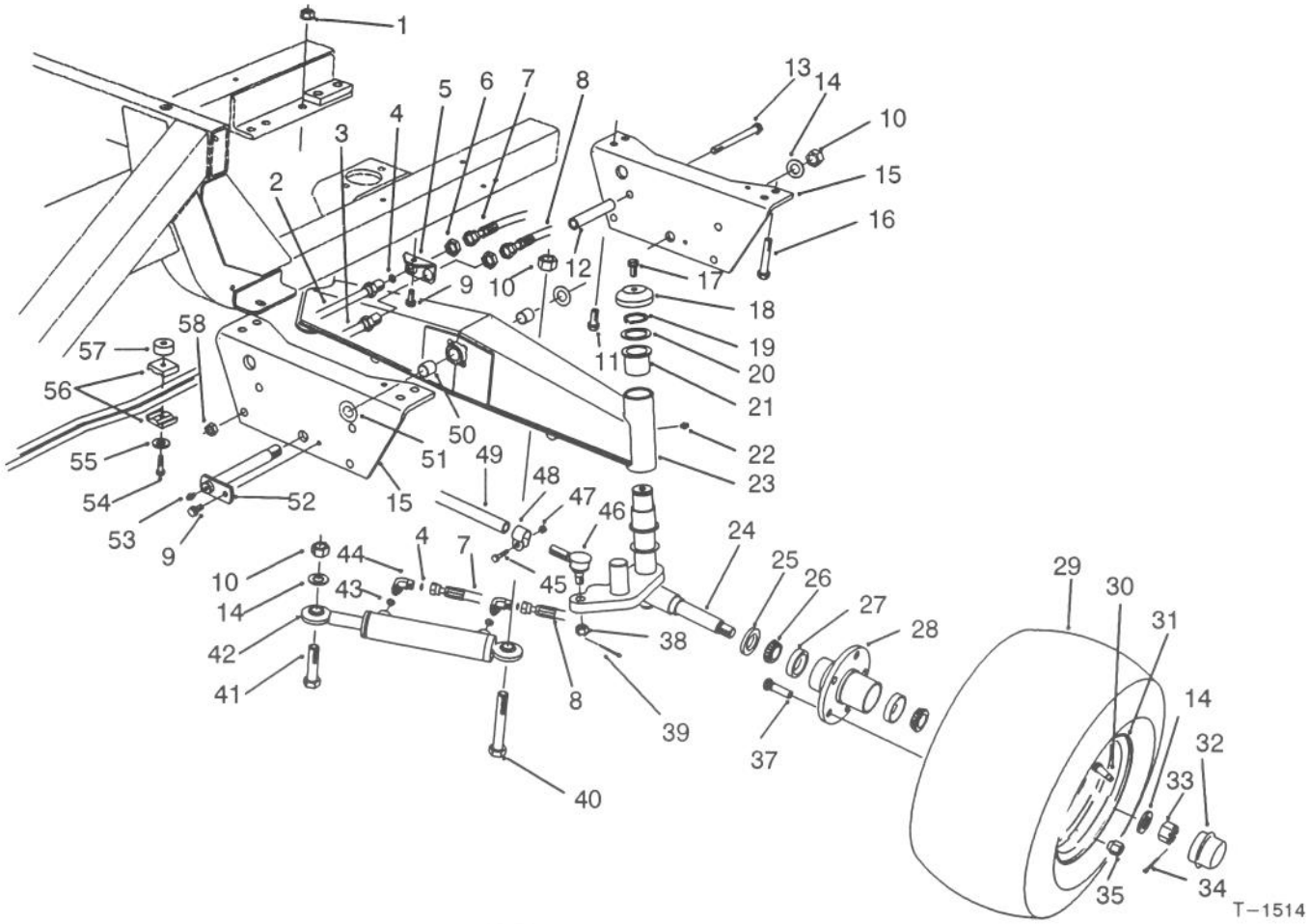


T–1518

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–14	Screw – Hex. Flange Hd.	12
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
8	14–0939	Radiator Mount Assembly (Incl. Ref. #28)	1
9	76–6363	Moulding – Inner	1
10	76–6800	Chamber	1
11	82–3740	Oil Cooler Assembly (Incl. Ref. #21)	1
12	82–3640	Foam – Screen R.H.	1
13	82–3650	Foam – Screen Top	1
14	32151–72	Retainer – Push–On	4
15	77–3620	Retainer – Cover	4
16	82–3730	Screen – Radiator	1
17	82–3630	Foam – Screen L.H.	1
18	67–1300	Decal – TORO	1
19	76–6362	Moulding – Outer	1
20	3290–379	Tie – Cable	2
21	70–1380	Sleeve – Protective	1
22	76–9540	Hose – Hydraulic	2
23	237–65	O–Ring	6
24	37–8770	Screw – Hex. Washer Hd.	2
25	3296–47	Nut – Lock	5

Ref. No.	Part No.	Description	No. Used
26	3234–12	Screw – Hex. Washer Hd.	7
27	340–72	Fitting – Hydraulic 90° (Incl. Ref. #23)	2
28	32148–10	Insert – Threaded	10
29	76–6381	Seal – Strip	2
30	3234–32	Screw – Hex. Flange Hd.	2
31	340–74	Nut – Bulkhead	2
32	86–5800	Assembly – Tube	1
33	74–6400	Assembly – Tube	1
34	88–1360	Washer	2
35	88–1220	Weight – Rear	11
36	88–1210	Weight W.A. – Rear	1
37	325–11	Screw – Cap Hex. Hd.	2
38	74–5460	Angle Radiator Support	1
39	3256–26	Washer – Flat	2
40	76–6382	Seal – Strip	2
41	304–46	Drain Cock	1
42	2811–1	Fitting – 45° Elbow	1
43	2412–3	Clamp – Hose	2
44	74–5930	Hose – Radiator, Upper	1
45	74–6020	Hose – Radiator, Lower	1
46	74–4990	Shroud – Fan, Bottom	1
47	322–3	Screw – Cap Hex. Hd.	3
48	74–9120	Hose – Expansion Tank	1
49	2412–108	Clamp – Hose	1

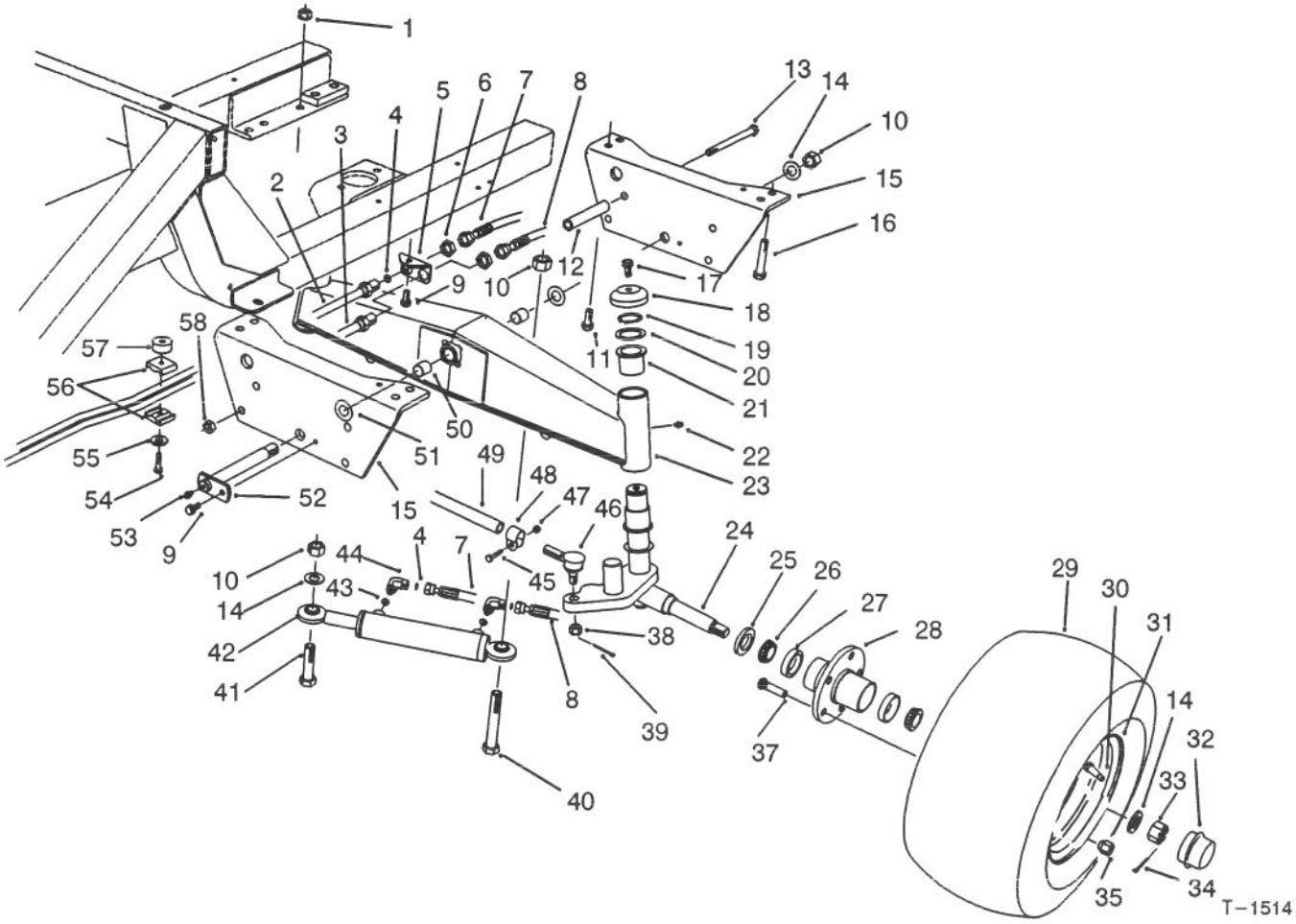


REAR AXLE ASSEMBLY (Model No. 30450)

Ref. No.	Part No.	Description	No. Used
1	32128–23	Nut – Flange Lock	2
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	3
11	3234–32	Screw – Hex. Flange Hd.	2
12	78–8350	Stop – Axle	2
13	325–20	Screw – Cap Hex. Hd.	2
14	3256–28	Washer – Flat	4
15	84–1170	Plate – Axle, Pivot	2
16	325–11	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

Ref. No.	Part No.	Description	No. Used
22	302–11	Fitting – Grease	2
23	74–5000	Rear Axle Assembly (Incl. Ref. #21–22 & 50))	1
24	74–5330	Spindle – L.H.	1
*	74–5350	Spindle – R.H.	1
25	253–129	Seal – Inner	2
26	254–94	Cone – Bearing	4
27	254–72	Cup – Bearing	4
28	21–2820	Hub – Wheel (Incl. Ref. #27 & 37)	2
29	86–5910	Tire	2
30	232–27	Stem – Valve	2
31	217–125	Rim	2
32	241–119	Cap – Hub	2
33	32136–13	Nut – Slotted	2
34	3272–13	Pin – Cotter	2
35	242–50	Nut – Lug	10
37	10–6830	Stud – Drive	10
38	32136–13	Nut – Slotted	2
39	3272–12	Pin – Cotter	2
40	76–8990	Bolt – Cylinder	1
41	328–25	Screw – Cap Hex. Hd.	1
42	88–1250	Hydraulic Cylinder Assy.	1

*Not Illustrated

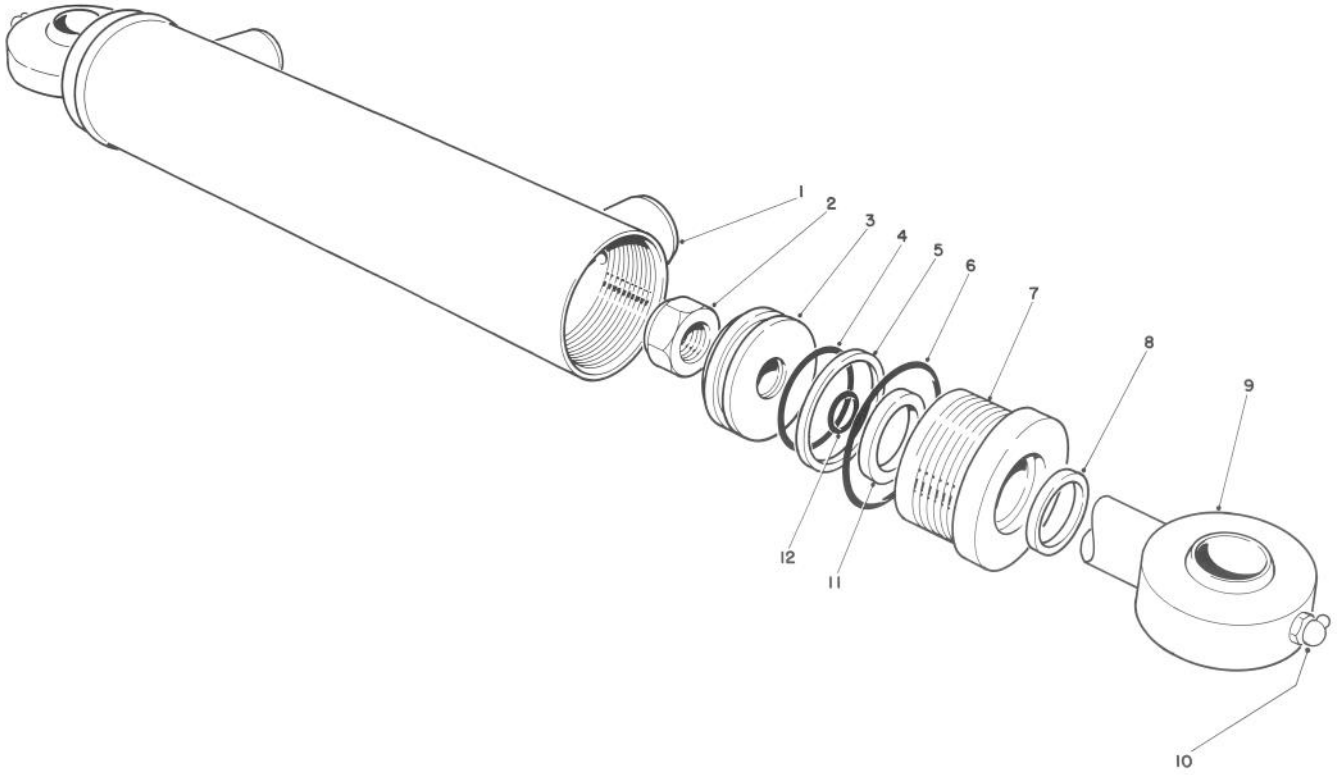


REAR AXLE ASSEMBLY (Model No. 30450) (Cont.)

Ref. No.	Part No.	Description	No. Used
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
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. #46–48)	1

Ref. No.	Part No.	Description	No. Used
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
56	56–7973	Clamp – Tube	2
57	80–8660	Spacer	1
58	3296–45	Nut – Lock	2
*	86–2820	Assembly – Wheel (Incl. Ref. #29–31)	1

*Not Illustrated



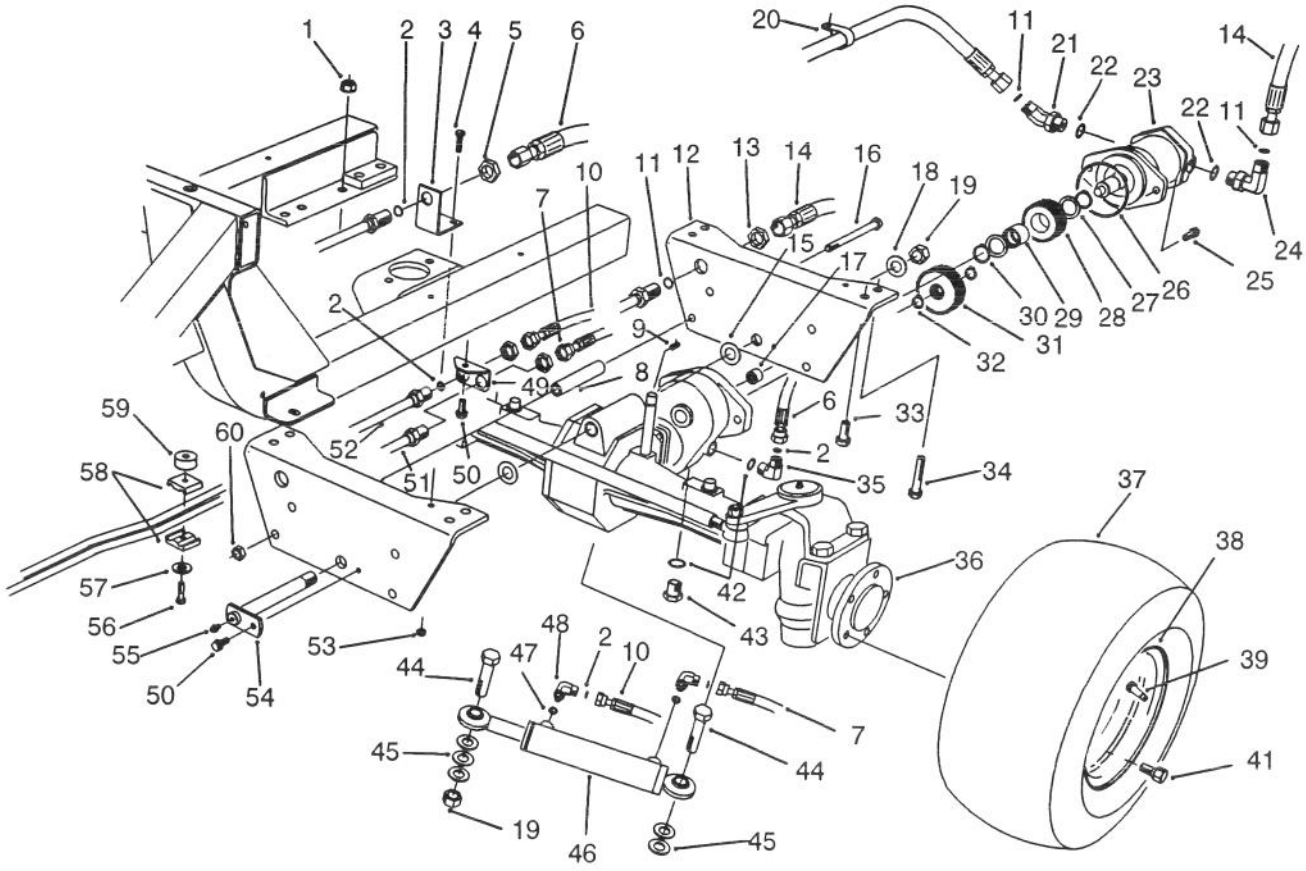
T–0994

HYDRAULIC CYLINDER NO. 88–1250 (Model No. 30450)

Ref. No.	Part No.	Description	No. Used
1	74–9730	Butt & Tube Assy. (Incl. Ref. #10)	1
2	88–3690	Nut–Lock	1
3	88–3670	Piston	1
4	74–9780	O–Ring	1
5	74–9800	Seal–Teflon	1
6	74–9790	O–Ring	1
7	88–3680	Gland	1

Ref. No.	Part No.	Description	No. Used
8	88–3720	Wiper	1
9	88–3660	Rod–Piston (Incl. Ref. #10)	1
10		Fitting–Grease	2
11	88–3700	U–Cup	1
12	74–9770	O–Ring	1
*	88–3720	Seal Kit (Incl. Ref. #4–6, 8, 11 & 12)	1

*Not Illustrated

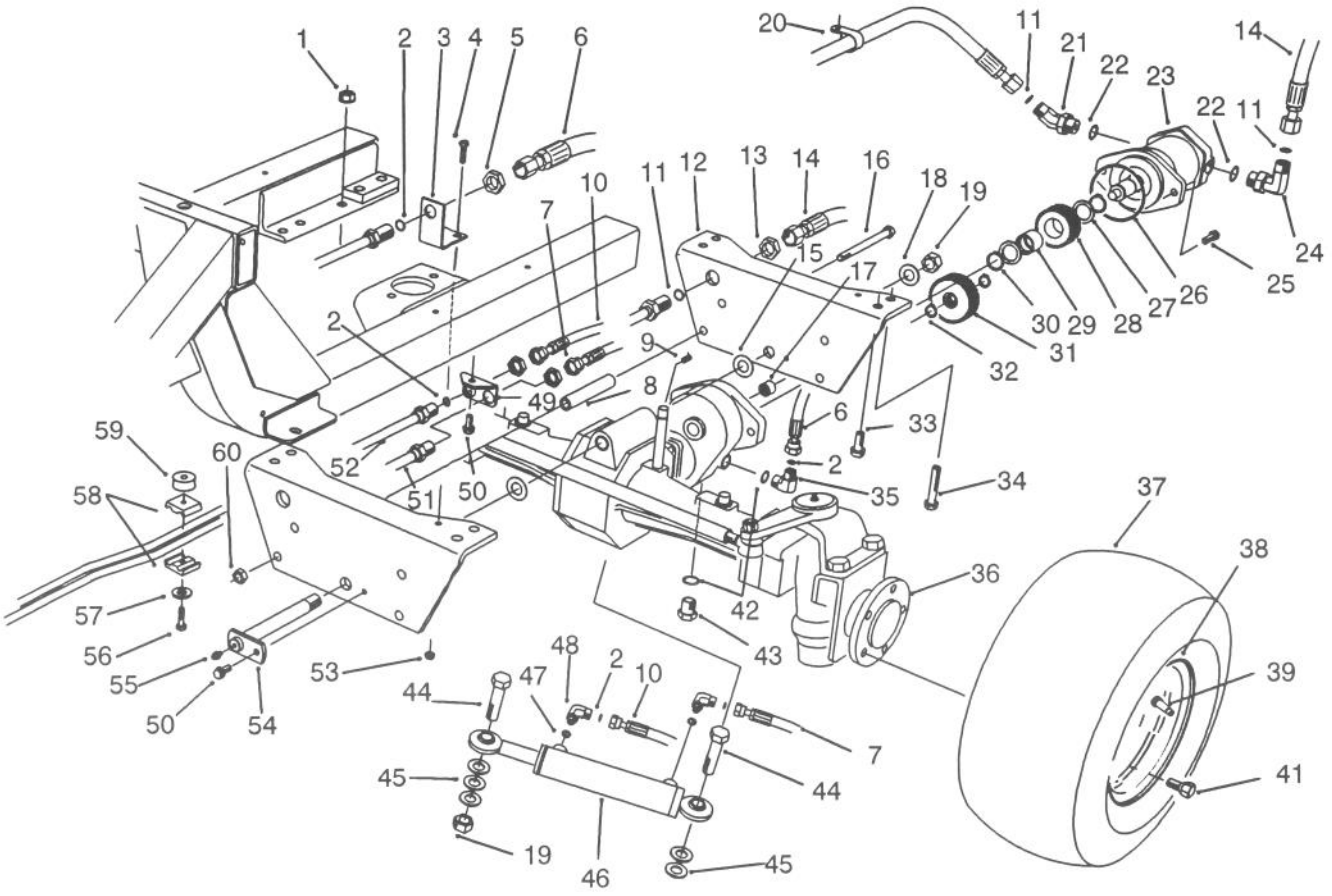


T–1515

REAR AXLE ASSEMBLY (Model No. 30455)

Ref. No.	Part No.	Description	No. Used
1	32128–23	Nut – Flange Lock	2
2	237–22	Seal – O–Ring	6
3	76–9290	Bracket – Bulkhead	1
4	3234–4	Screw – Cap Hex. Hd.	1
5	340–70	Nut – Bulkhead	3
6	86–3140	Hose – Hydraulic	1
7	76–8200	Assy. – Hose	1
8	76–8350	Stop – Axle	2
9	3247–2	Screw – Set	1
10	76–9590	Assy. Hose	1
11	237–65	O–Ring	9
12	84–1170	Plate – Axle	2
13	340–74	Nut – Bulkhead	1
14	86–2730	Hose – Hydraulic	1
15	76–6570	Washer – Thrust	2
16	325–20	Screw – Cap Hex. Hd.	2
17	74–5700	Bearing – Needle	1
18	3256–28	Washer – Flat	1
19	3296–81	Nut – Lock	2
20	2412–74	Clamp – R	1
21	237–166	O–Ring	1
22	237–81	O–Ring	2
23	76–6580	Motor – Hydraulic	1

Ref. No.	Part No.	Description	No. Used
24	340–139	Fitting – Hydraulic 90° (Incl. Ref. #11 & 22)	1
25	325–4	Screw – Cap Hex. Hd.	2
26	237–166	O–Ring	1
27	71–4590	Washer – Thrust	2
28	76–4200	Gear – Motor	1
29	71–4580	Roller – Clutch	1
30	32151–96	Ring – Retaining	2
31	76–4190	Gear – Axle	1
32	32120–15	Ring – Retaining	2
33	3234–32	Screw – Hex. Flange Hd.	2
34	325–11	Screw – Cap Hex. Hd.	2
35	340–77	Fitting – Hydraulic	1
36	74–5620	Axle – 4WD	1
37	86–5910	Tire	2
38	217–125	Rim	2
39	232–77	Stem – Valve	2
41	74–5500	Bolt – Wheel	10
42	237–42	O–Ring	2
43	353–508	Plug	1
44	328–25	Screw – Cap Hex. Hd.	2
45	67–9410	Washer – Flat	5
46	74–3450	Cylinder – Hydraulic	1

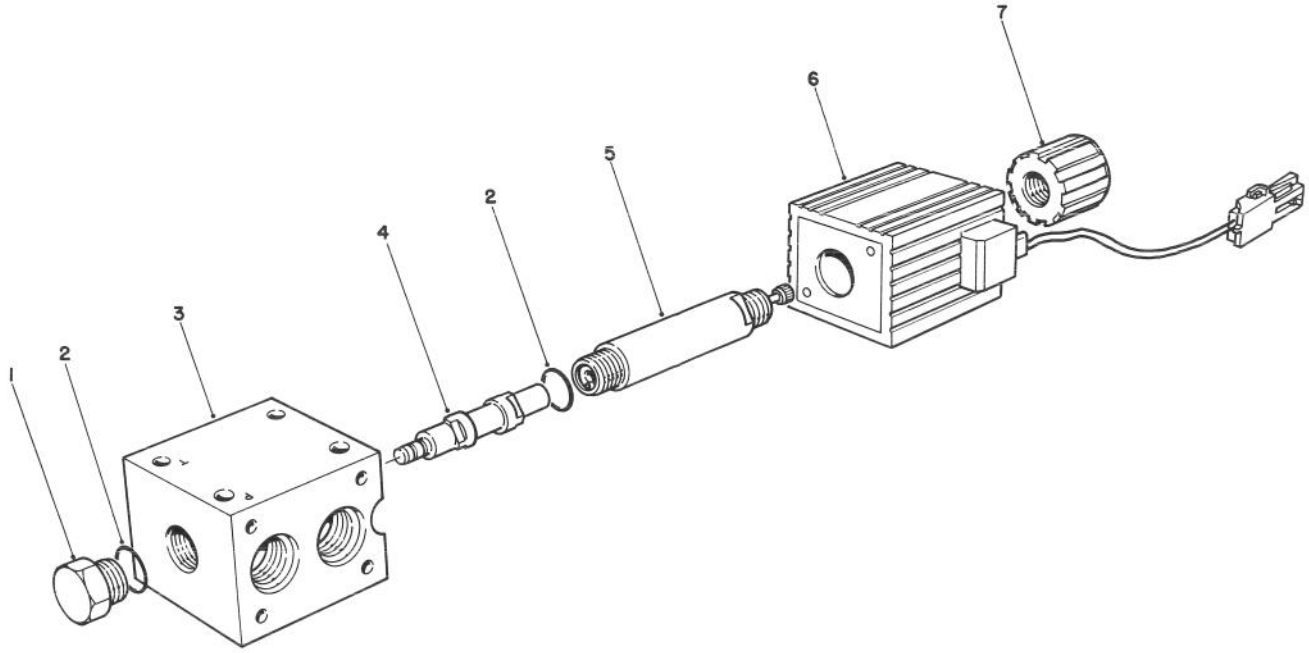


T–1515

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

Ref. No.	Part No.	Description	No. Used
47	237–78	O–Ring	2
48	340–97	Fitting – Hydraulic 90° (Incl. Ref. #2 & 47)	2
49	74–6450	Bracket – Bulkhead	1
50	32144–11	Screw – Hex. Washer Hd.	2
51	86–5790	Assy. – Tube, LH Rear	1
52	86–5780	Assy –. Tube, RH Rear	1
53	32128–33	Nut – Flange Lock	1

Ref. No.	Part No.	Description	No. Used
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
59	80–8660	Spacer	1
60	3296–45	Nut – Lock	2

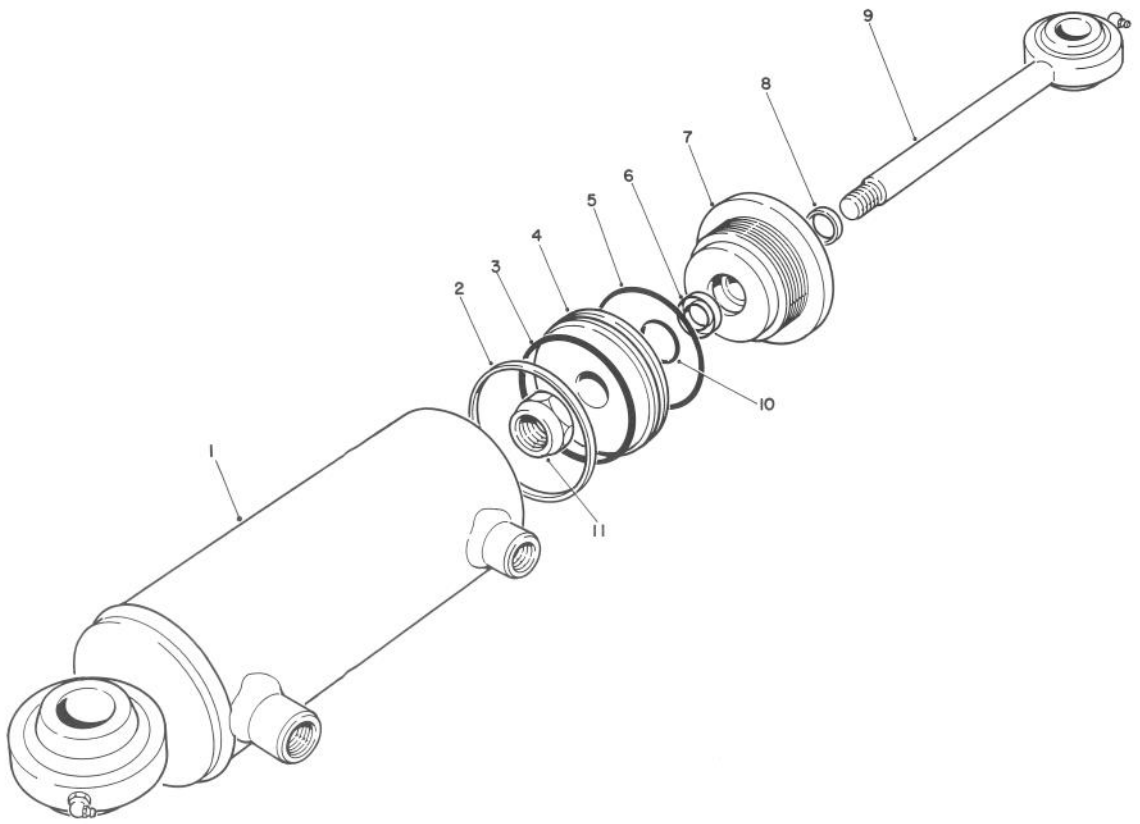


T–1126

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

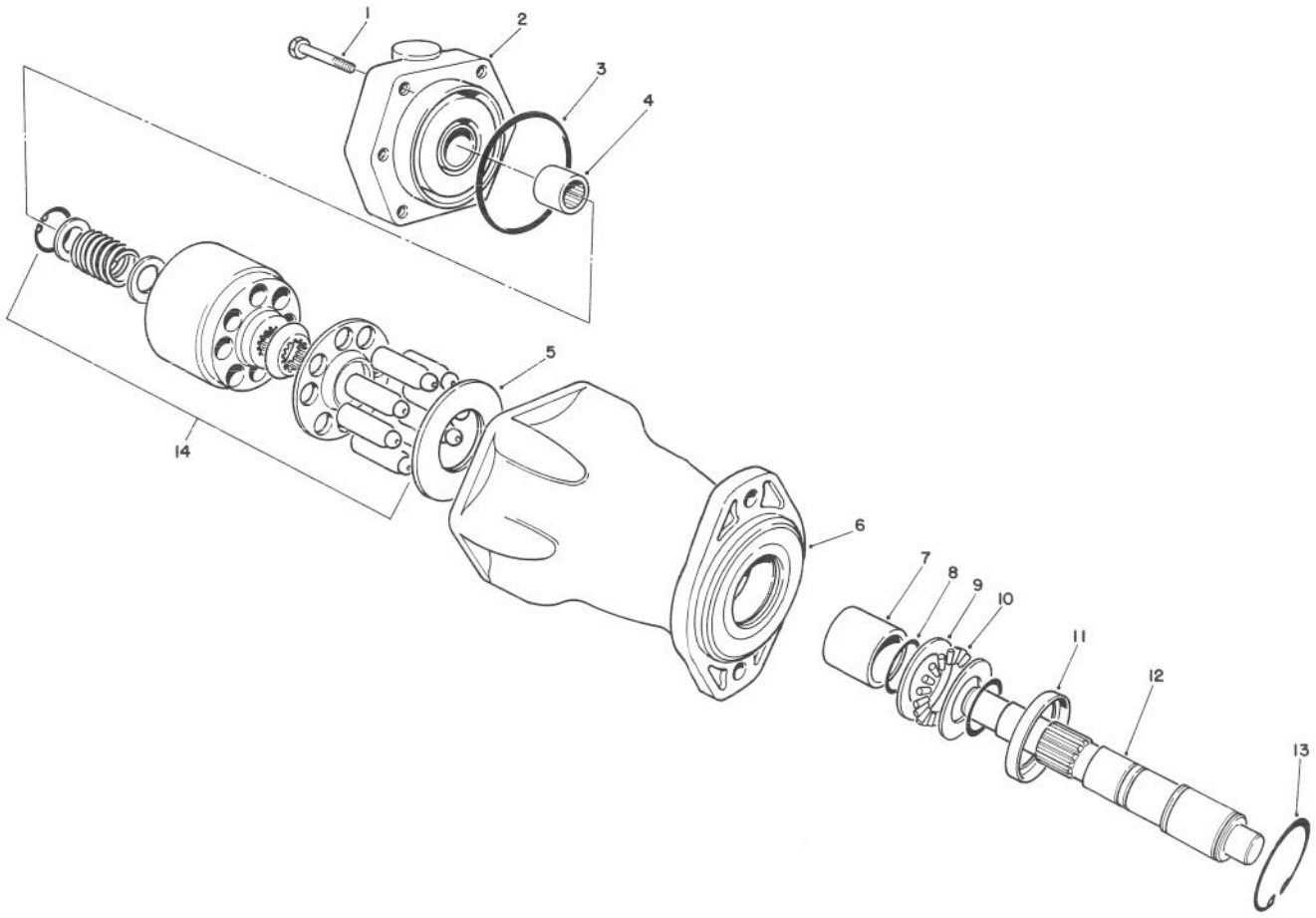


T–1037

HYDRAULIC CYLINDER NO. 74–3450 (Model No. 30455)

Ref. No.	Part No.	Description	No. Used
1	74–9610	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	74–9640	Gland	1
8		Wiper	1
9	74–9600	Piston Rod Assembly	1
10		O–Ring	1
11	66–1930	Nut–Lock	1
*	74–9710	Kit – Seal (Incl. Ref. #2, 3, 5, 6, 8,& 10)	1

*Not Illustrated

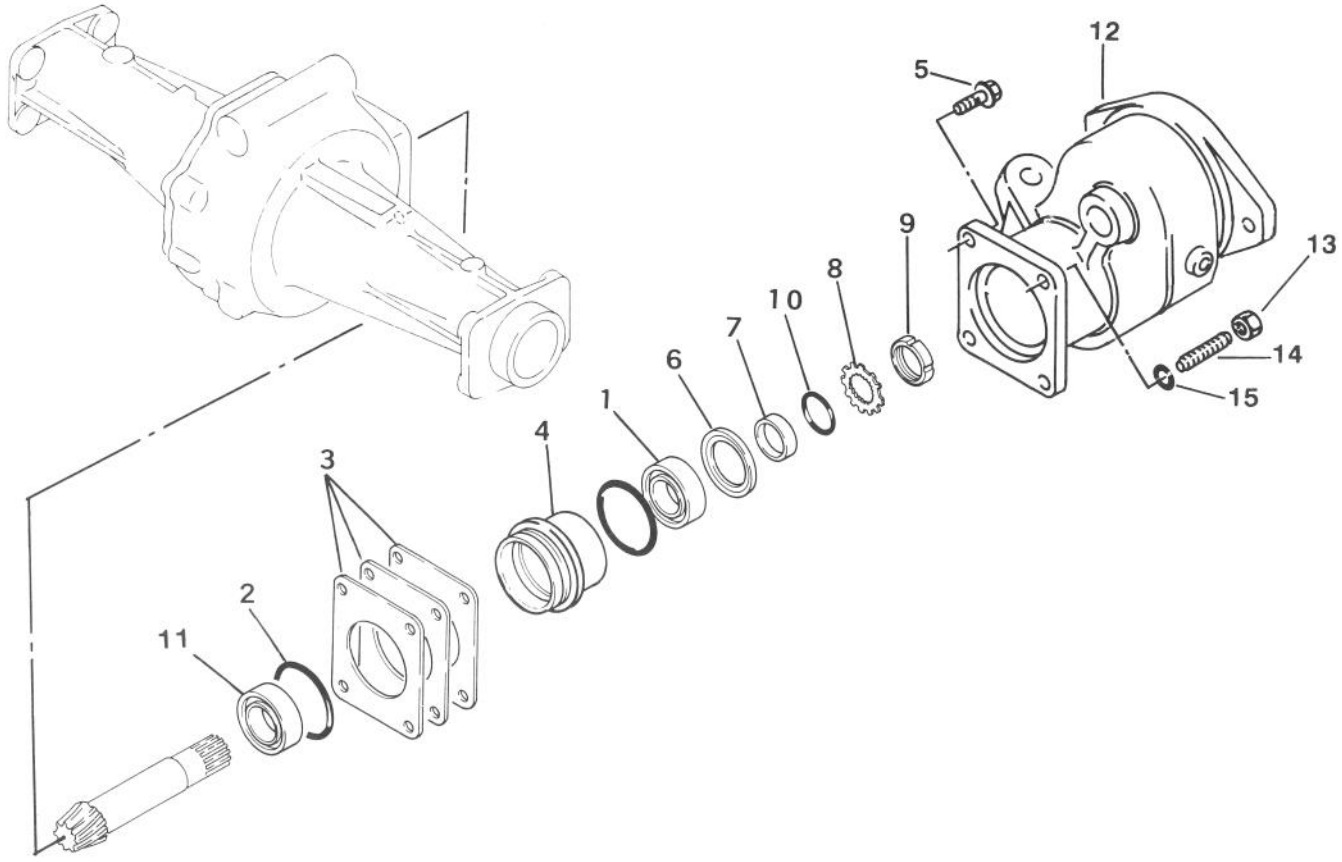


T–1041

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



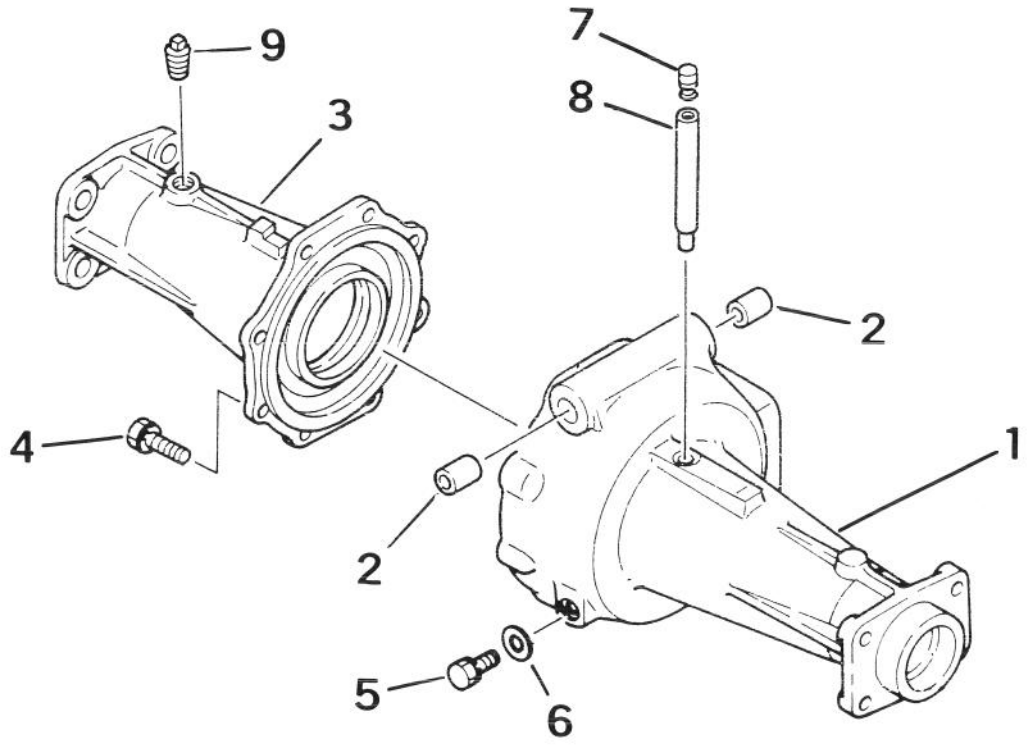
T–1109

SLEEVE ASSEMBLY
AXLE No. 74–5620 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76–7370	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	76–7330	Bearing	1
12	74–5630	Adapter	1
13	76–7460	Washer	1
14	76–7450	Bolt – Stud	1
15	76–7690	Nut	1
*	77–4010	Shim Set (Incl. Ref. #3)	1

*Not Illustrated

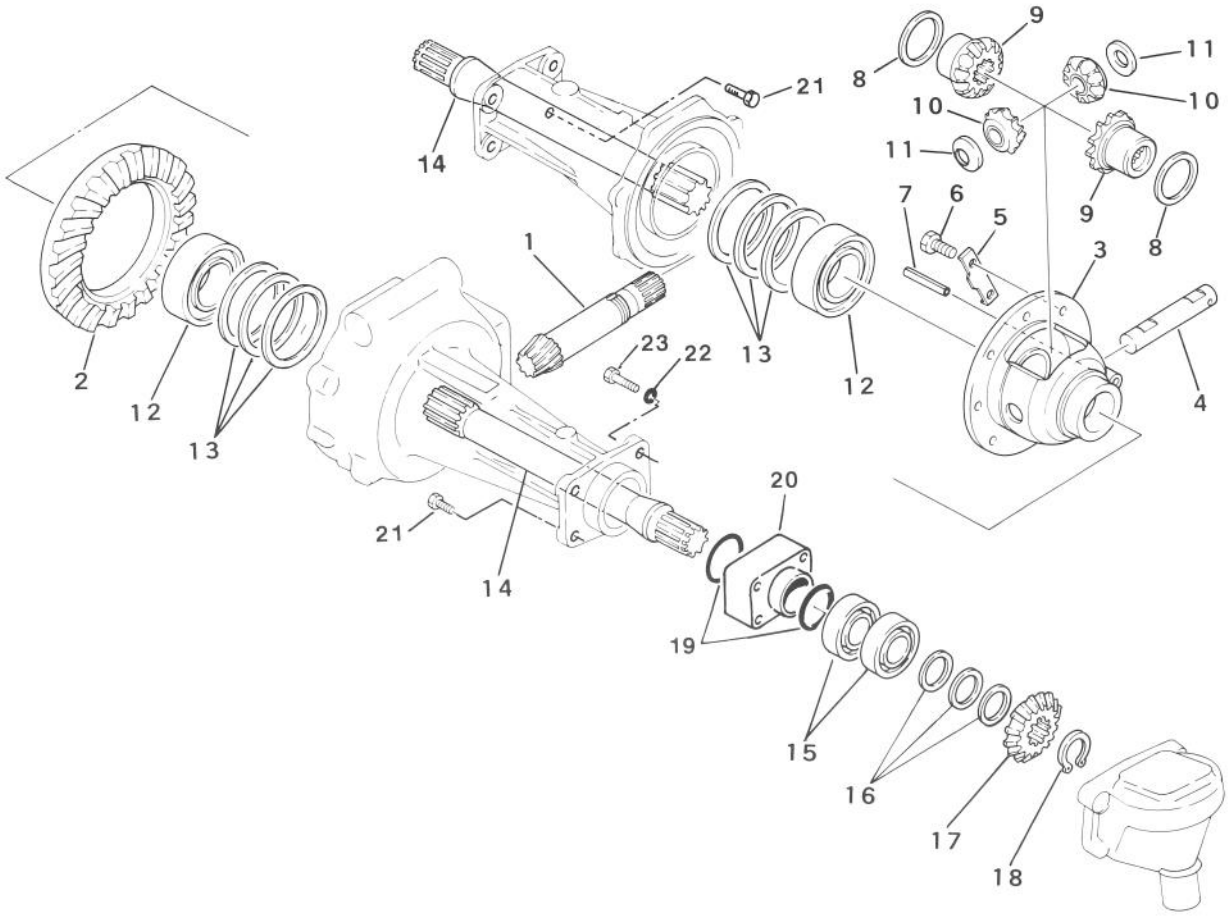


T–1112

AXLE HOUSING ASSEMBLY
AXLE No. 74–5620 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76–7100	Housing – Axle A	1
2	76–4260	Bushing	2
3	76–7130	Housing – Axle B	1
4	76–7150	Bolt	8
5	76–7110	Plug	1

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



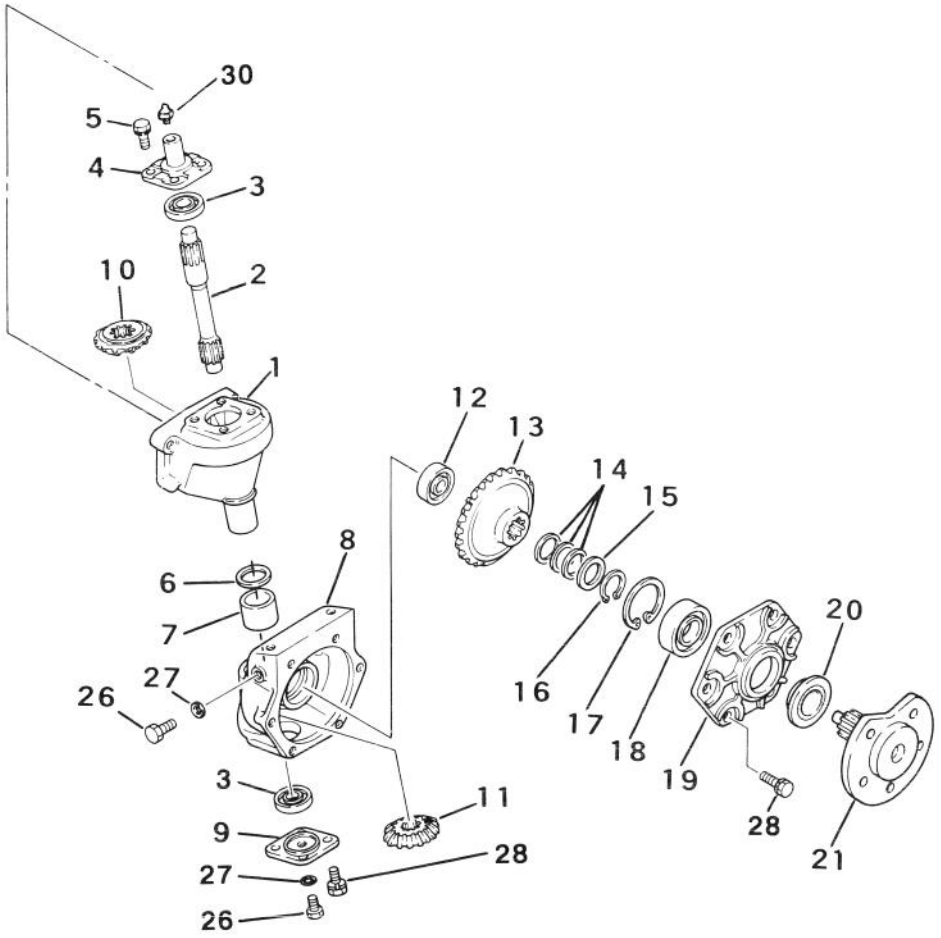
T–1111

DIFFERENTIAL & SHAFT ASSEMBLY
AXLE No. 74–5620 (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



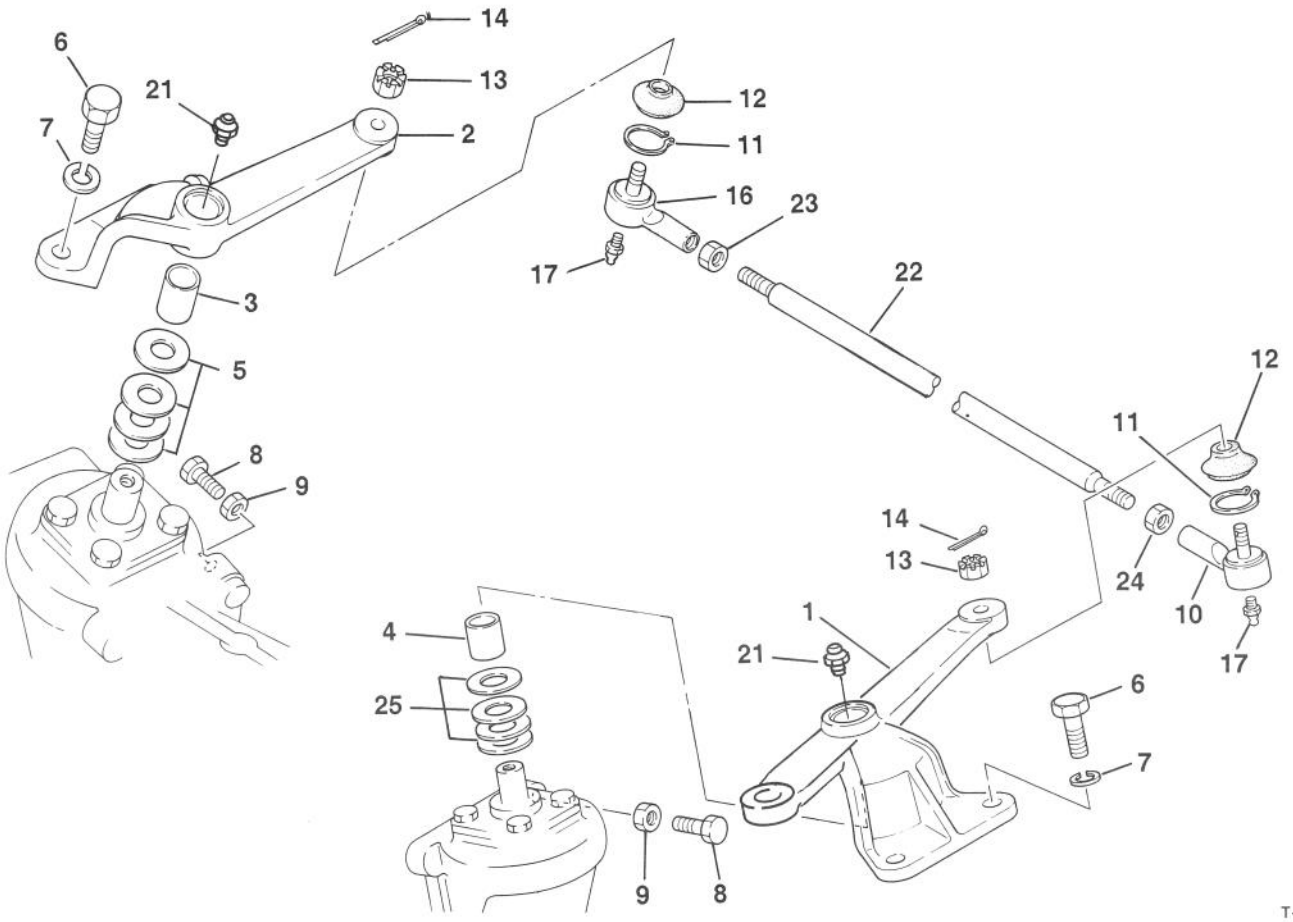
T–1110

STEERING GEAR CASE ASSEMBLY
AXLE No. 74–5620 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76–7560	Case – Gear	2
2	76–7650	Shaft – Final Drive	2
3	76–7670	Bearing	4
4	76–7660	Holder – 25 mm L.H.	1
*	76–7630	Holder – 20 mm R.H.	1
5	76–7640	Bolt	8
6	76–7740	Seal – Oil	2
7	76–7730	Bushing	2
8	76–7680	Case – Final Drive	2
9	76–7770	Cover	2
10	76–7510	Pinion – 14T	2
11	76–7750	Pinion – 15T	2
12	76–7850	Bearing	2
13	76–7840	Gear – Bevel	2

Ref. No.	Part No.	Description	No. Used
14	76–7890	Shim – 0.15 mm	A/R
*	76–7900	Shim – 0.2 mm	A/R
*	76–7910	Shim – 0.4 mm	A/R
15	76–7880	Spacer	2
16	76–7920	Ring – Retaining	2
17	76–7930	Ring – Retaining	2
18	76–7860	Bearing	2
19	76–7810	Holder – Bearing	2
20	76–7870	Seal – Oil	2
21	76–7830	Shaft – Wheel	2
26	76–7110	Plug	4
27	76–7120	Seal – Washer	4
28	76–7640	Bolt	20
30	76–7960	Fitting – Grease	2
*	77–4030	Shim Set (Incl. Ref. #14)	1

*Not Illustrated



T–1108

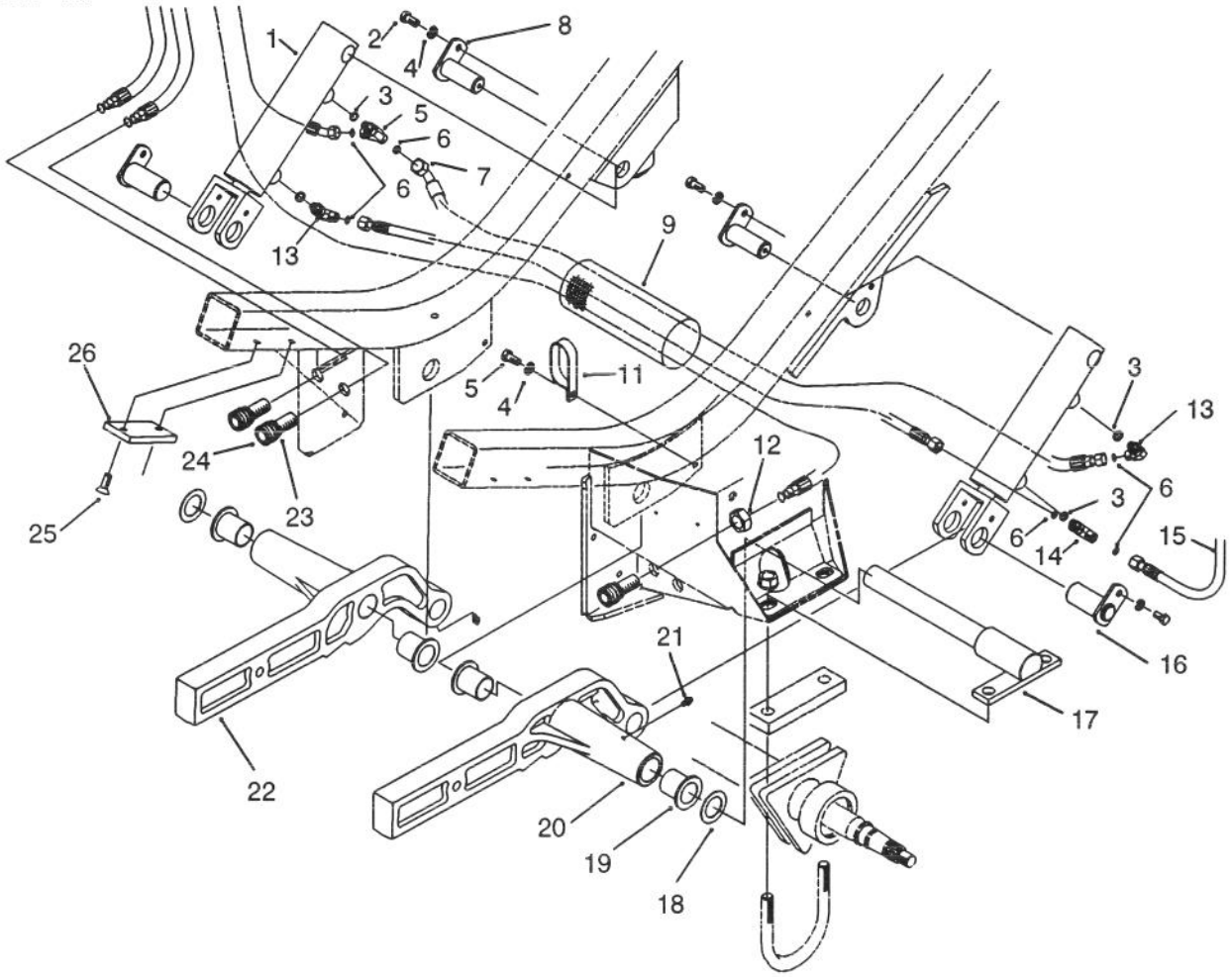
STEERING ARM LINKAGE
AXLE No. 74–5620 (Model No. 30455 Only)

Ref. No.	Part No.	Description	No. Used
1	76–4270	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	Rod End – L.H.	1
11		Ring – Retaining	2
12		Cover	2
13		Nut – Slotted	2

Ref. No.	Part No.	Description	No. Used
14		Pin – Cotter	2
16	76–8050	Rod End – R.H.	1
17		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

3315–121



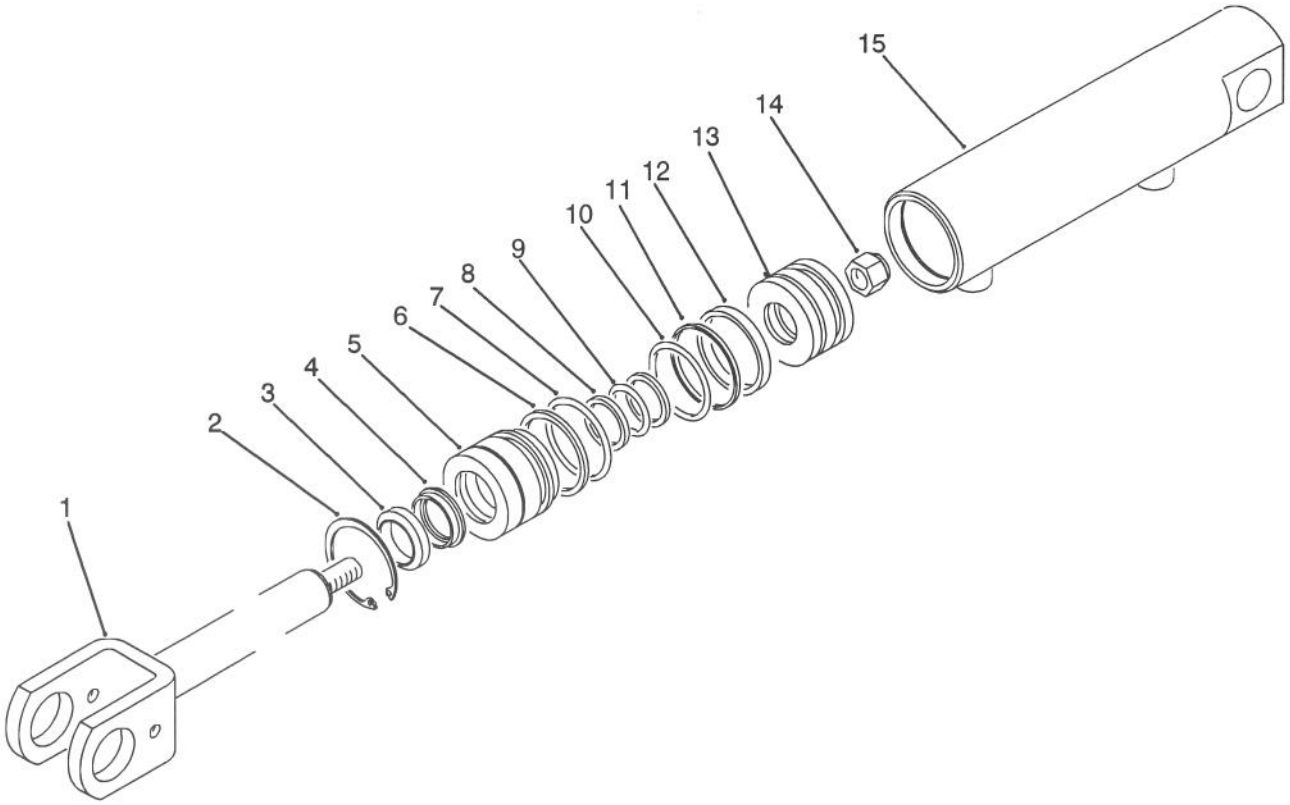
T–1505

LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	86–5580	Cylinder – Hydraulic	2
2	322–2	Screw – Cap Hex. Hd.	5
3	237–78	O–Ring	4
4	3253–4	Washer – Lock	5
5	340–140	Fitting – Hydraulic, Tee	1
6	237–21	O–Ring	6
7	86–3160	Assembly – Hose	1
8	84–1350	Pin – Pivot W.A.	2
9	70–1380	Sleeve – Protective	1
11	2412–137	R–Clamp	1
12	3220–7	Nut – Jam	3
13	340–132	Fitting – Hydraulic 90°	2
14	340–125	Fitting – Hydraulic, Tee	1

Ref. No.	Part No.	Description	No. Used
15	86–3170	Assembly – Hose	1
16	88–1190	Pin – Pivot W.A.	2
17	86–2790	Pin – Pivot, L.H.	1
*	88–1200	Pin – Pivot, R.H.	1
18	29–2770	Washer – Thrust	2
19	68–6480	Bushing – Flange	4
20	84–0730	Arm – Lift, L.H.	1
21	302–5	Fitting – Grease	4
22	86–5890	Arm – Lift, R.H.	1
23	237–79	O–Ring	3
24	86–5450	Coupler – Hydraulic	3
25	32108–58	Screw – Machine Flat Hd.	4
26	69–9300	Pad – Bumper	2

*Not Illustrated



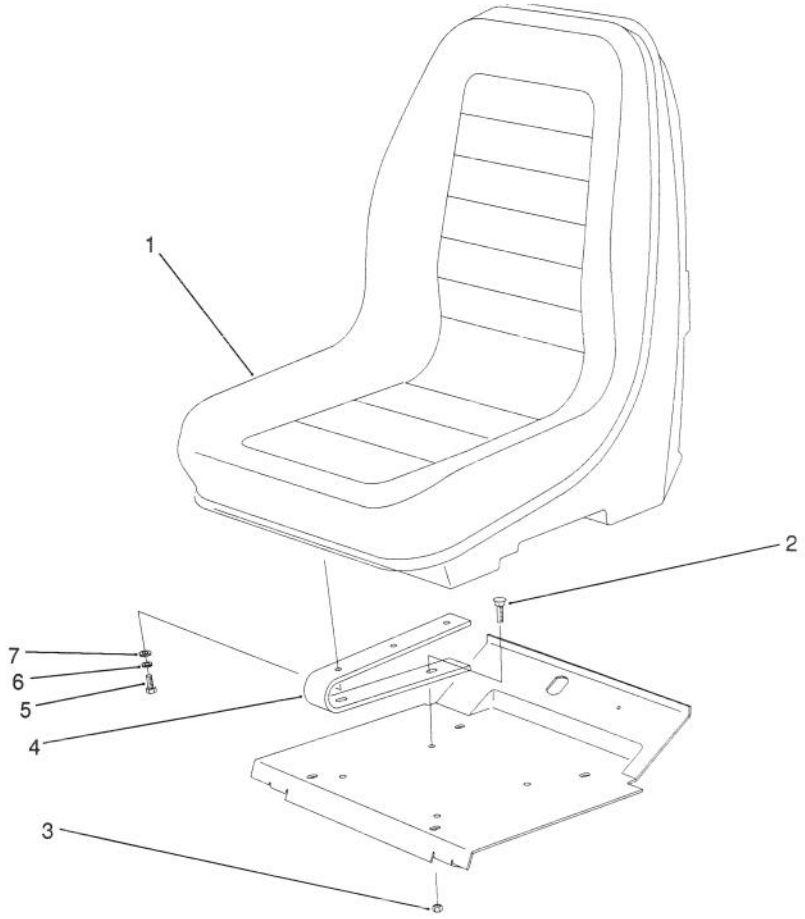
T–1490

HYDRAULIC CYLINDER NO. 86–5580

Ref. No.	Part No.	Description	No. Used
1	88–3620	Assembly – Rod	1
2	32120–65	Ring – Retaining	1
3	88–3580	Wiper – Rod	1
4	88–3570	U–Cup – Loaded	1
5	88–3630	Head	1
6	88–3550	Ring – Back–Up	1
7	88–3540	O–Ring	1
8	88–3510	Ring – Back–Up	2
9	88–3530	O–Ring	1

Ref. No.	Part No.	Description	No. Used
10	88–3520	O–Ring	1
11	88–3650	Ring – Piston, Unithane	1
12	88–3560	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

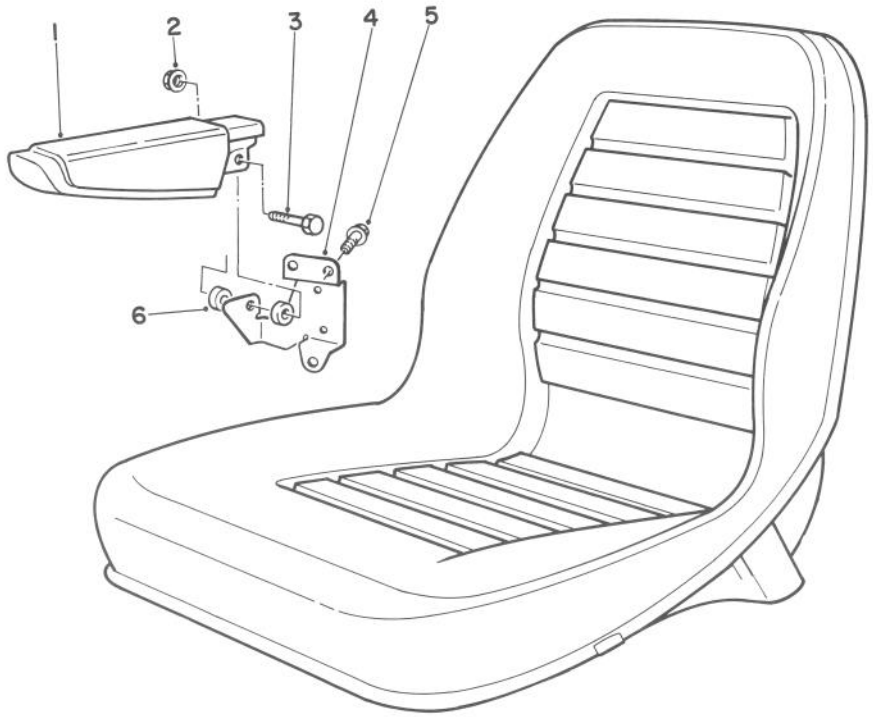


T–1312

LOW SEAT ASSEMBLY (Optional)

Ref. No.	Part No.	Description	No. Used
1	66–5400	Seat Assembly	1
2	3230–16	Bolt – Carriage	4
3	3296–29	Nut – Lock	4
4	68–3280	Spring – Seat	2

Ref. No.	Part No.	Description	No. Used
5	322–4	Screw – Cap Hex. Hd.	4
6	3253–4	Washer – Lock	4
7	3256–2	Washer	4



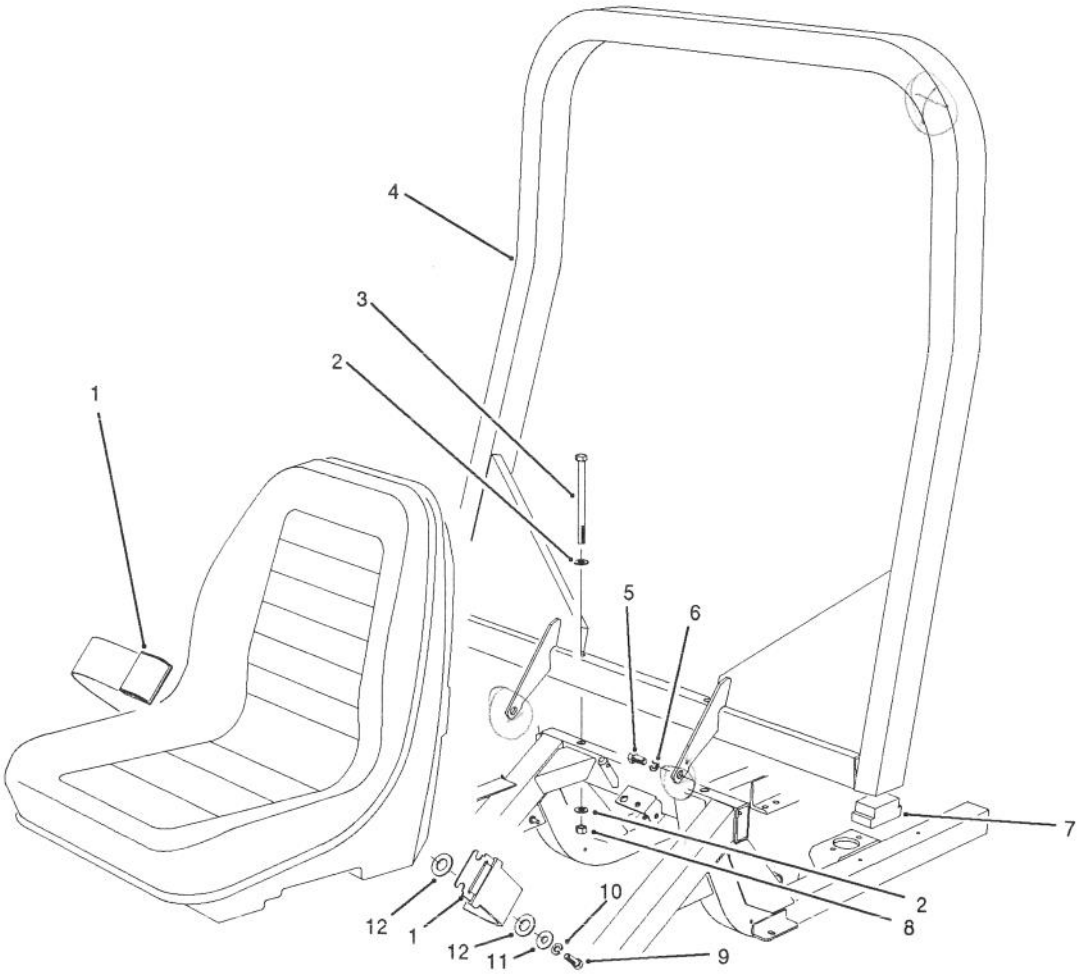
T–0634

ARMREST ASSEMBLY MODEL NO. 30707 (Optional)

Ref. No.	Part No.	Description	No. Used
1	69–1180	Armrest	2
2	32128–19	Nut – Flange Lock	2
3	323–9	Screw – Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
4	69–0770	Bracket – Armrest R.H.	1
*	69–0760	Bracket – Armrest L.H.	1
5	3234–14	Screw – Hex. Flange Hd.	6
6	69–1260	Spacer	4

*Not Illustrated



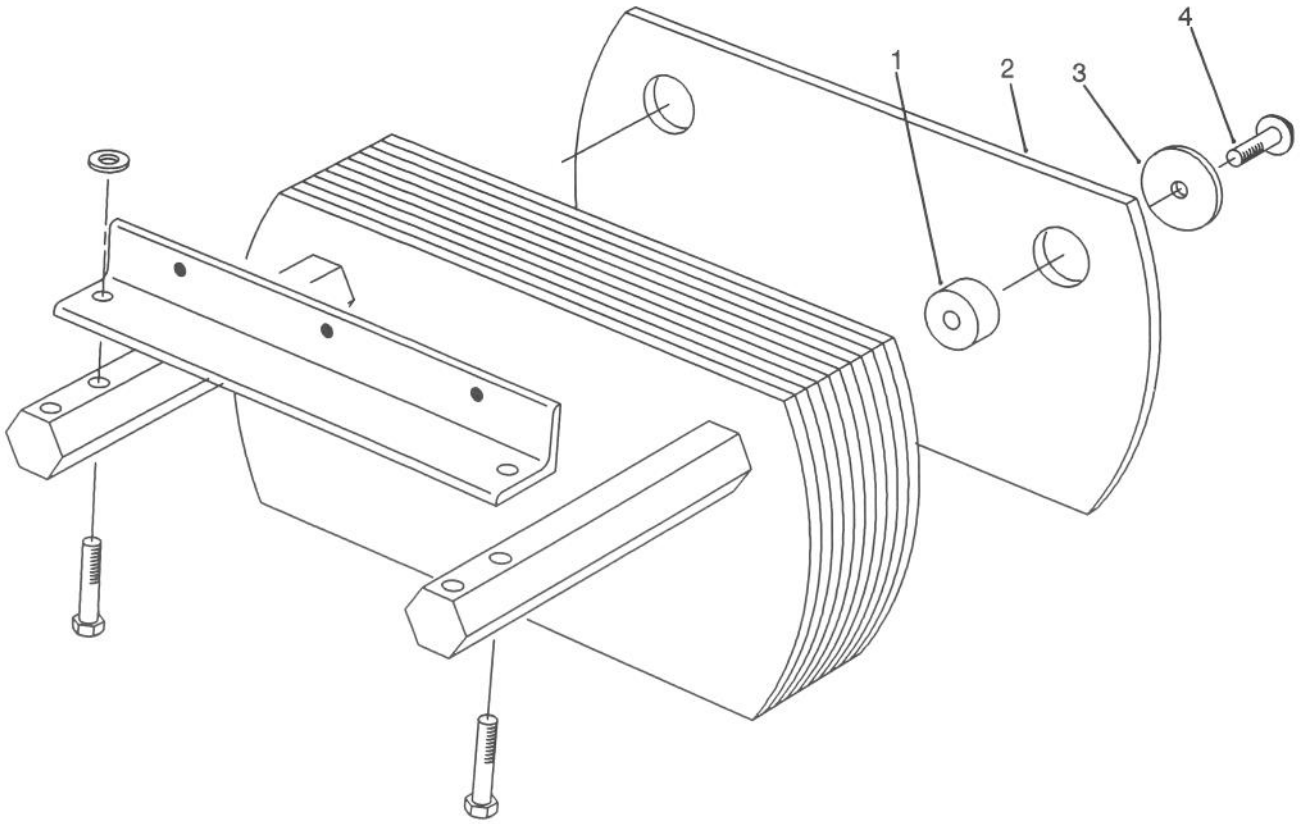
T–1116

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.	2
6	3253–7	Washer – Lock	2
7	82–5370	Foam – R.O.P.S. Bar	2
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

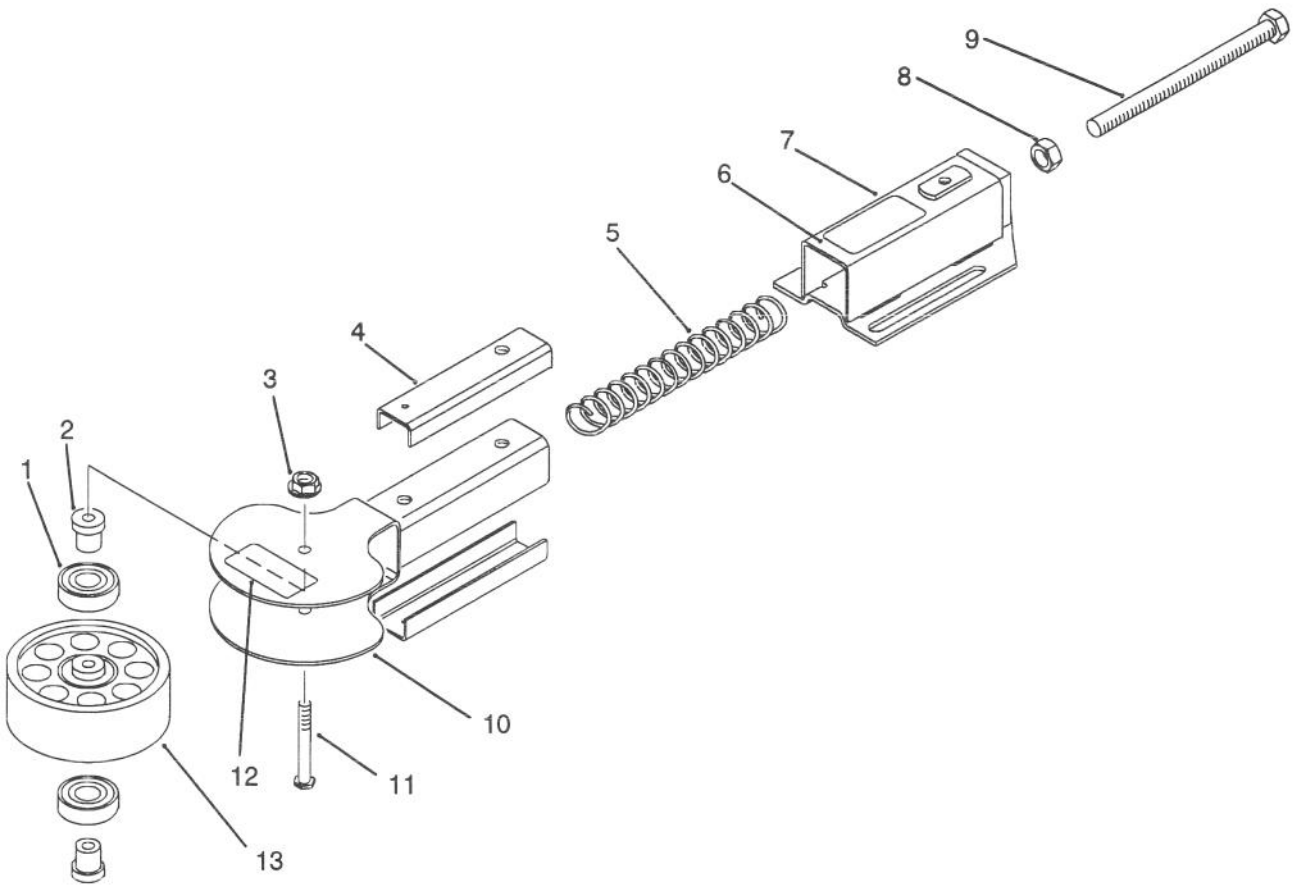


T–1520

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 – Weight, Rear	2
4	3234–27	Screw – Hex. Flange Hd.	2



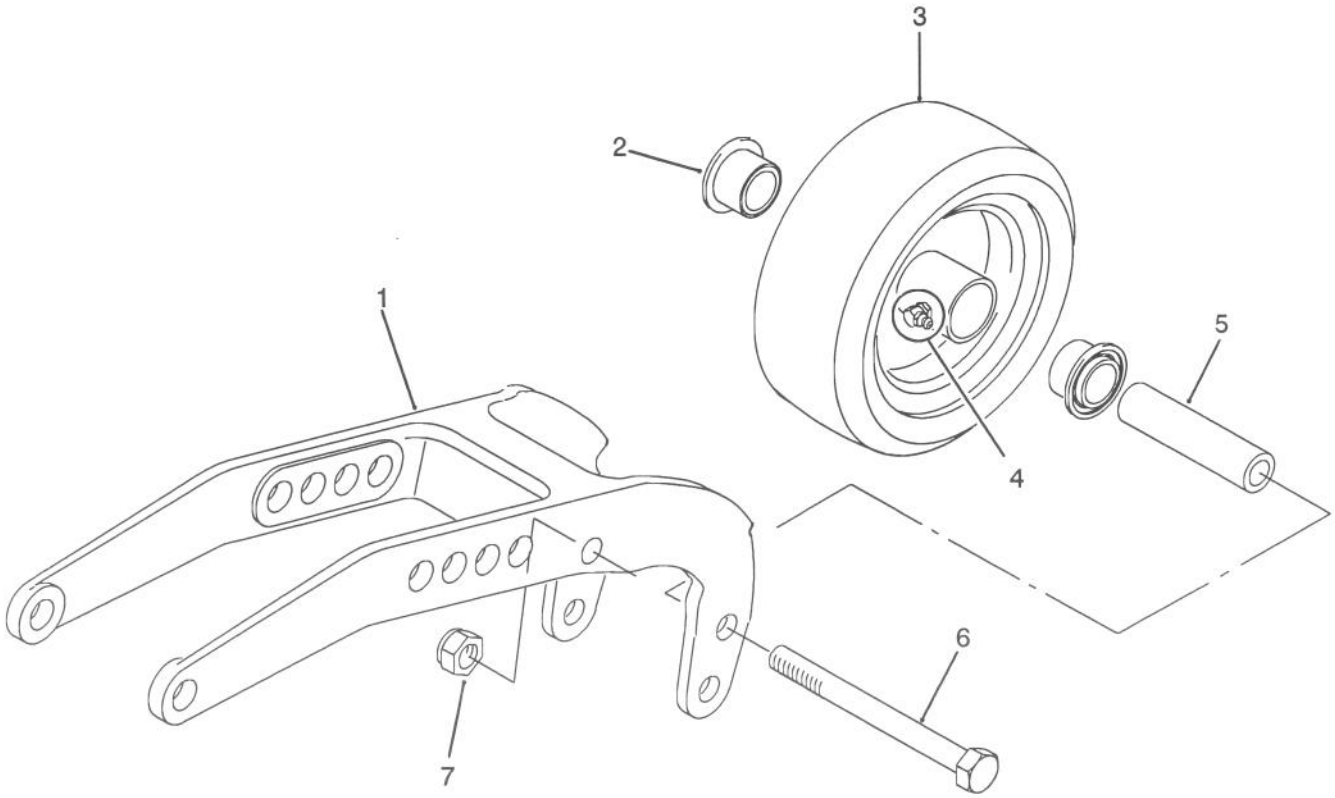
T–1451

BELT TENSION ADJUSTOR

Ref. No.	Part No.	Description	No. Used
1	38–7820	Bearing	6
2	84–0910	Spacer	6
3	32128–43	Nut – Lock, Flange Head	3
4	86–0060	Sleeve – Tube	6
5	86–0070	Spring – Compression (Wing Deck Adjustor)	2
*	86–0080	Spring – Compression (Center Deck Adjustor)	1
6	86–2670	Decal – Pulley Adjustment	1

Ref. No.	Part No.	Description	No. Used
7	92–0626	Assembly – Tube W.A. (Incl. Ref. #6)	3
8	3217–9	Nut – Jam	3
9	86–0050	Screw – Adjusting	3
10	86–1790	Yoke W.A. – Pulley	3
11	86–2000	Bolt – Thin Head	3
12	55–4300	Decal – Warning	1
13	92–0625	Pulley – Idler (Incl. Ref.#1 & 2)	3

*Not Illustrated

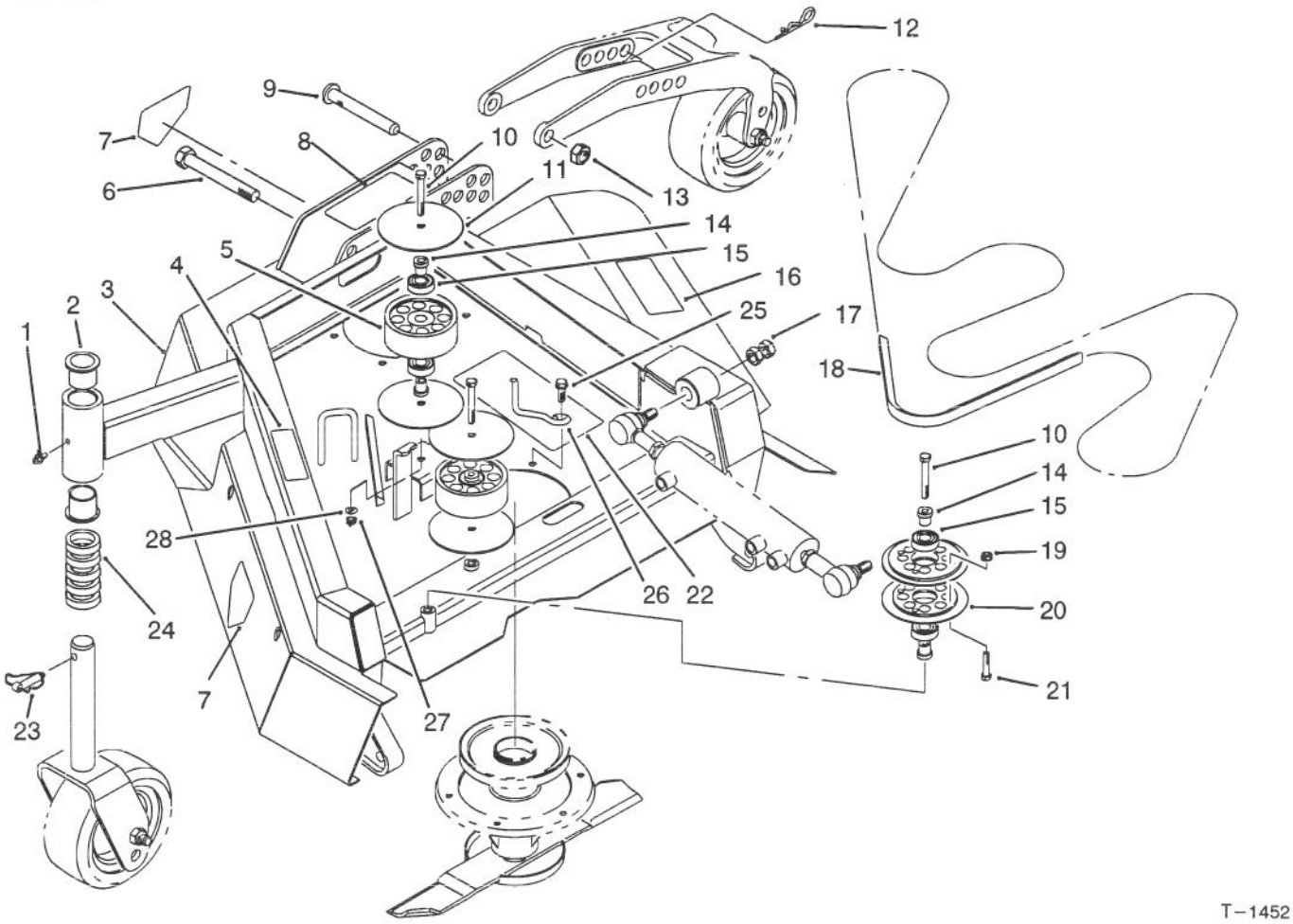


T–1450

REAR PIVOT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75–9790	Arm – Pivot, Rear	2
2	251–321	Bearing – Castor	4
3	86–0020	Assembly – Wheel, Castor (Incl. Ref.#2, 4 & 5)	2

Ref. No.	Part No.	Description	No. Used
4	302–40	Fitting – Grease 90°	2
5	251–332	Spacer – Bearing	2
6	327–24	Screw – Cap Hex. Hd.	2
7	3296–53	Nut – Lock	2

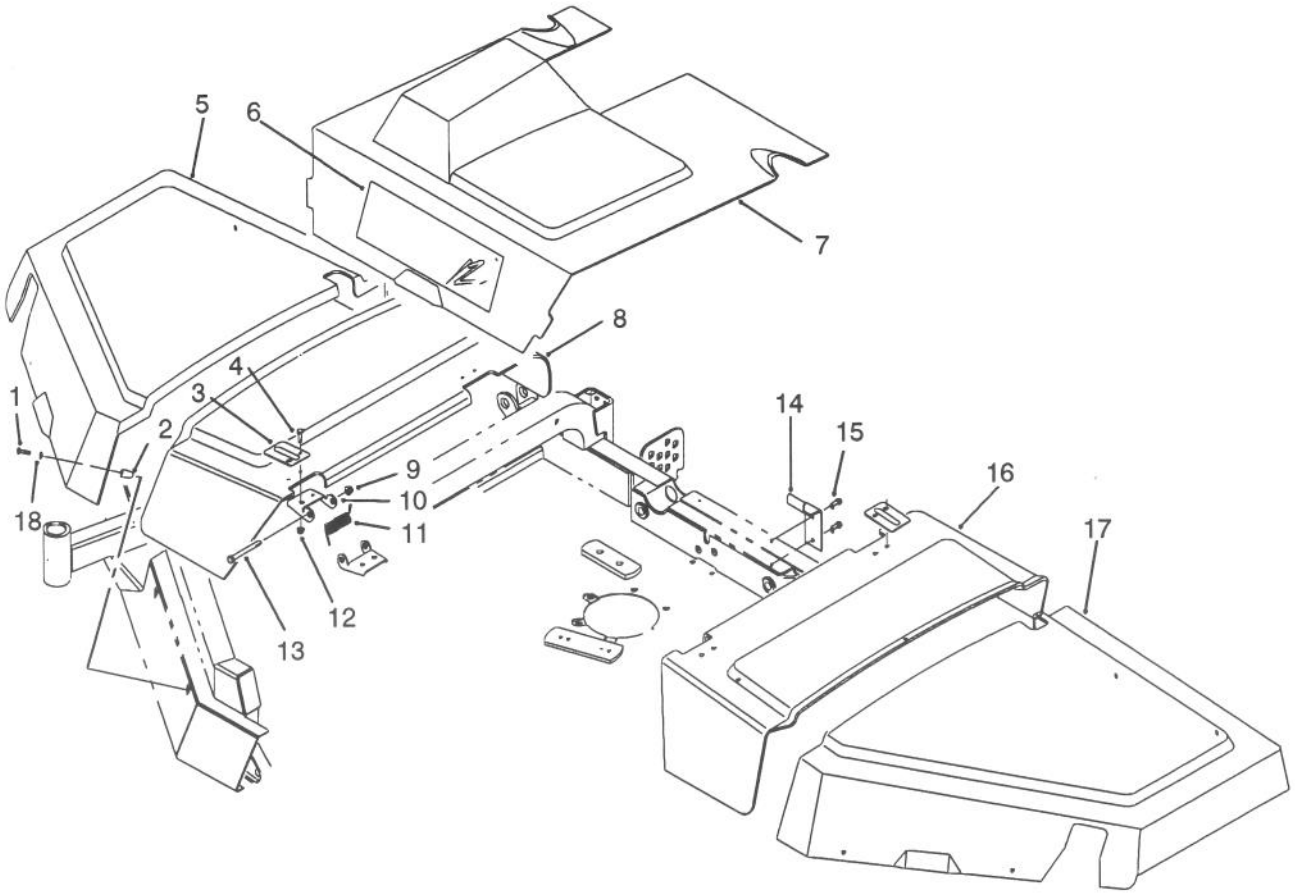


T–1452

WING DECK ASSEMBLY – R.H.

Ref. No.	Part No.	Description	No. Used
1	302–5	Fitting – Grease	1
2	69–6470	Bushing	2
3	92–0623	Deck W.A. – Wing, R.H. (Incl. Ref. #2, 4, 7, 8, 16 & 22)	1
4	84–6410	Decal – Danger	1
5	92–0625	Pulley – Idler (Incl. Ref. #14 & 15)	2
6	3216–6	Screw – Cap Hex. Hd.	1
7	43–8480	Decal – Danger	2
8	86–0700	Decal	1
9	86–2010	Pin – H.O.C. Pivot	1
10	323–13	Screw – Cap Hex. Hd.	3
11	86–2600	Washer – Guide, Belt	4
12	3290–256	Pin – Cotter, Hair	1
13	3296–15	Nut – Lock	1

Ref. No.	Part No.	Description	No. Used
14	84–0910	Spacer – Bearing	6
15	38–7820	Bearing	6
16	66–1340	Decal – Danger	1
17	3220–6	Nut – Jam	2
18	86–1960	V–Belt	1
19	32128–25	Nut – Flange Head	4
20	84–0930	Pulley – Half	2
21	322–8	Screw – Cap Hex. Hd.	4
22	86–0760	Decal	1
23	3290–384	Pin – Lynch	1
24	69–1510	Spacer – Fork	5
25	3234–8	Screw – Hex. Flange Hd.	1
26	63–1400	Rod – Belt	1
27	3296–39	Nut – Lock	1
28	53–6380	Washer – Flat	1

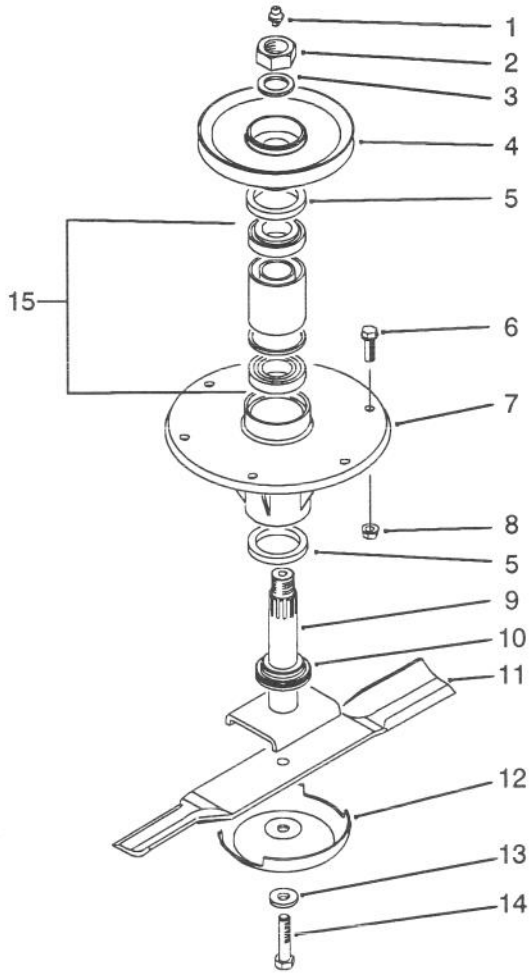


T–1453

COVER ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
10	86–1890	Hinge	4
11	86–1920	Spring – Torsion	4
12	32128–20	Nut – Lock, Flange Head	8
13	323–15	Screw – Cap Hex. Head	4
14	86–2660	Stop – Cover	1
15	32144–70	Screw	2
16	86–1880	Cover – Center, Left Hand	1
17	86–1850	Cover – Left Hand	1
18	3256–67	Washer – Flat	8

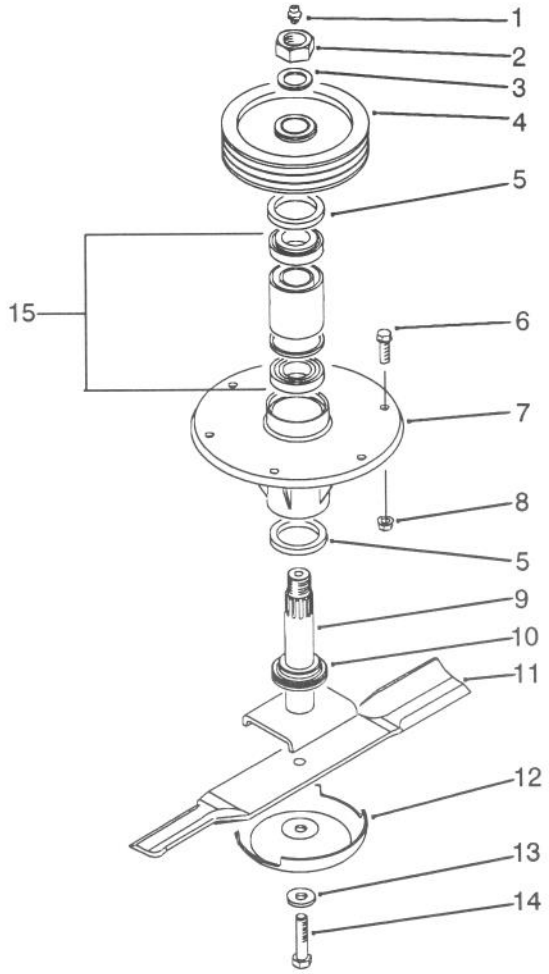


T–1327

SPINDLE ASSEMBLY (Wings)

Ref. No.	Part No.	Description	No. Used
1	302–2	Fitting – Grease	1
2	3296–49	Nut – Lock	1
3	86–1480	Washer	1
4	86–1700	Pulley	1
5	253–154	Seal – Oil	2
6	3234–11	Screw – Hex. Flange Head	6
7	69–1530	Housing – Spindle	1
8	32128–21	Nut – Lock, Flange Head	6

Ref. No.	Part No.	Description	No. Used
9	86–2340	Shaft – Spindle	1
10	69–6950	Spacer – Spindle	1
11	86–0010	Blade – 19"	1
12	72–9361	Cup – Anti–Scalp	1
13	67–5770	Washer – Blade	1
14	44–2200	Bolt – Blade	1
15	71–2530	Assembly – Bearing	1

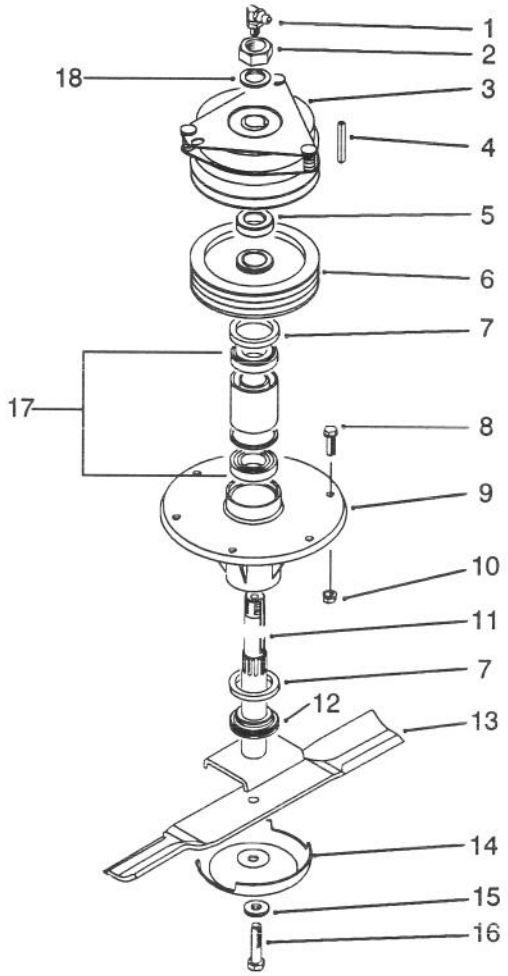


T–1328

SPINDLE ASSEMBLY (Center)

Ref. No.	Part No.	Description	No. Used
1	302–2	Fitting – Grease	1
2	3296–49	Nut – Lock	1
3	86–1480	Washer	1
4	84–0780	Pulley	1
5	253–154	Seal – Oil	2
6	3234–11	Screw – Hex. Flange Head	6
7	69–1530	Housing – Spindle	1
8	32128–21	Nut – Lock, Flange Head	6

Ref. No.	Part No.	Description	No. Used
9	86–2340	Shaft – Spindle	1
10	69–6950	Spacer – Spindle	1
11	86–0010	Blade – 19"	1
12	72–9361	Cup – Anti–Scalp	1
13	67–5770	Washer – Blade	1
14	44–2200	Bolt – Blade	1
15	71–2530	Assembly – Bearing	1

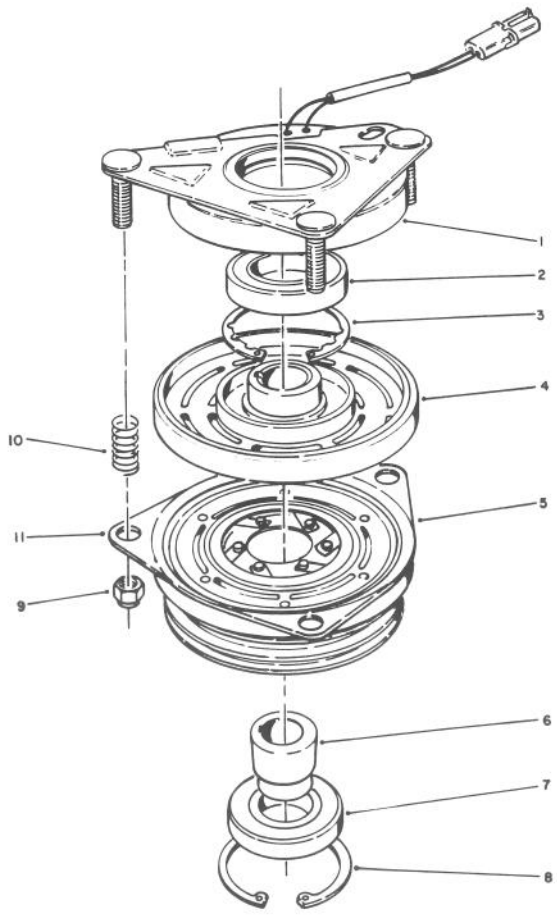


T–1329A

SPINDLE ASSEMBLY (Clutch)

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

Ref. No.	Part No.	Description	No. Used
10	32128–21	Nut – Lock, Flange Head	6
11	86–2360	Shaft – Spindle	1
12	69–6950	Spacer – Spindle	1
13	86–0010	Blade – 19"	1
14	72–9361	Cup – Anti–Scalp	1
15	67–5770	Washer – Blade	1
16	44–2200	Bolt – Blade	1
17	71–2530	Assembly – Bearing	1
18	86–1480	Washer	1

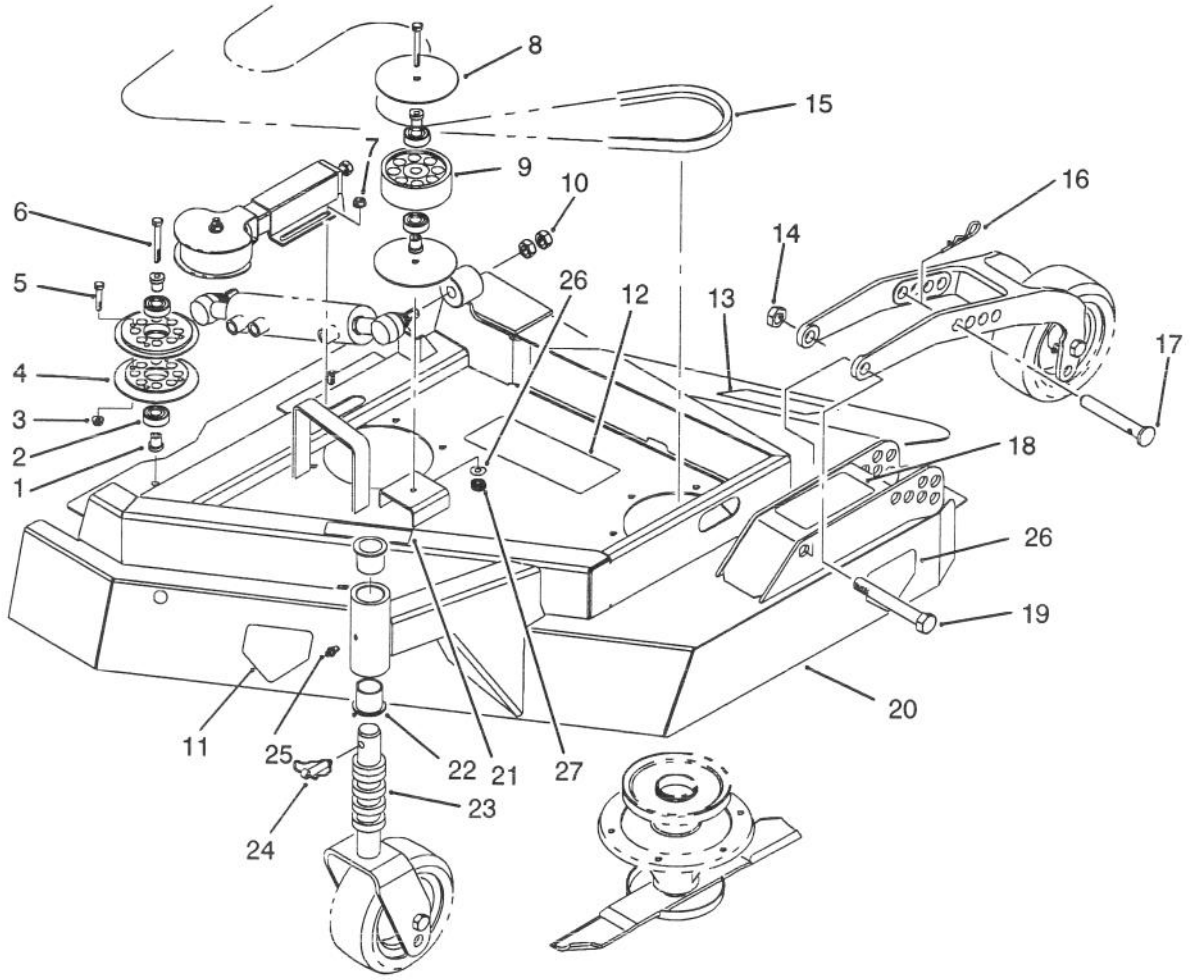


T–0544

CLUTCH ASSEMBLY NO. 86–1710

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

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

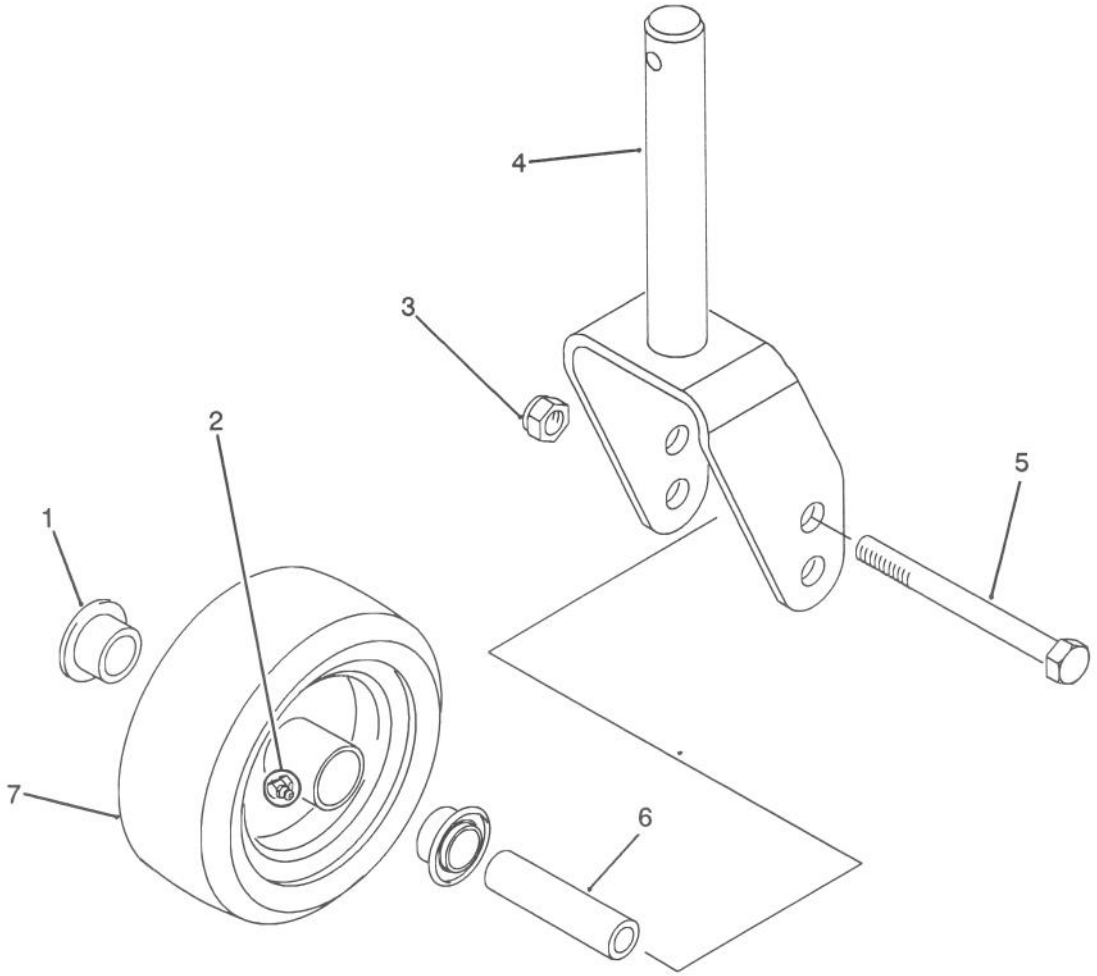


T–1454

WING DECK ASSEMBLY – L.H.

Ref. No.	Part No.	Description	No. Used
1	84–0910	Spacer	4
2	38–7820	Bearing	4
3	32128–25	Nut	8
4	92–0624	Pulley – V–Idler (Incl. Ref. #1–5)	2
5	322–8	Screw – Cap Hex. Hd.	8
6	323–13	Screw – Cap Hex. Hd.	2
7	32128–19	Nut – Lock, Flange Head	2
8	86–2600	Washer – Guide , Belt	2
9	92–0625	Pulley – Idler (Incl. Ref. #1 & 2)	1
10	3220–6	Nut – Jam	2
11	43–8480	Decal – Danger	2
12	86–0750	Decal – Belt, L.H.	1
13	66–1340	Decal – Danger	1
14	3296–15	Nut – Lock	1

Ref. No.	Part No.	Description	No. Used
15	86–1960	V–Belt	1
16	3290–256	Pin – Cotter, Hair	1
17	86–2010	Pin – H.O.C., Wing	1
18	86–0710	Decal – H.O.C. Wing, L.H.	1
19	3216–6	Screw – Cap Hex. Head	1
20	92–0622	Deck – Wing, L.H. (Incl. Ref. #11–13, 18, 21, & 22)	1
21	84–6410	Decal – Danger	1
22	69–6470	Bushing	2
23	69–1510	Spacer	5
24	3290–384	Pin – Lynch	1
25	302–5	Fitting – Grease	1
26	53–6380	Washer – Flat	1
27	3296–39	Nut – Lock	1



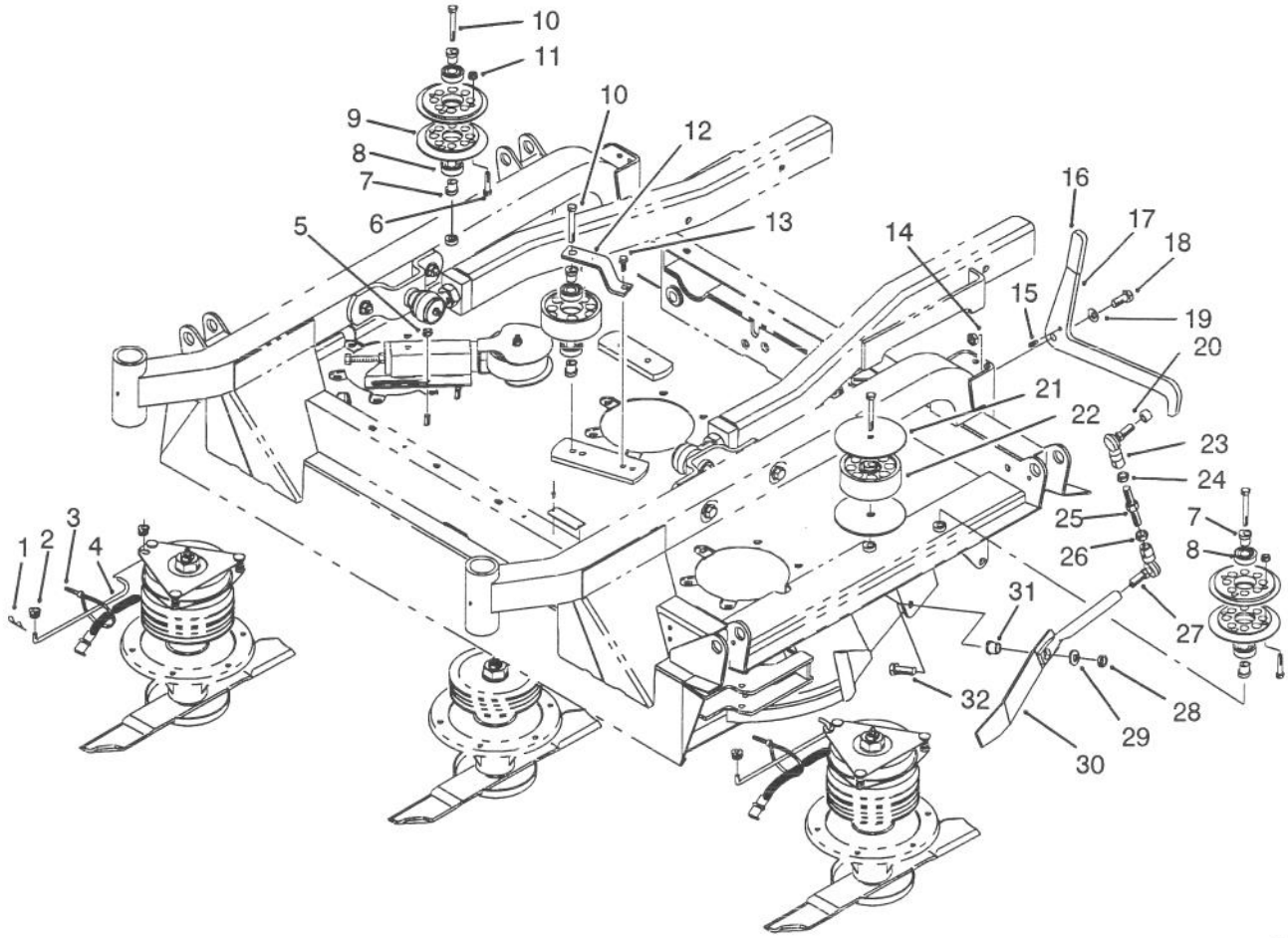
T–1461

FRONT CASTOR FORK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	251–321	Bearing – Castor	4
2	302–40	Fitting – Grease 90°	2
3	3296–53	Nut – Lock	2
4	86–2410	Fork (Used on Wing Units)	2
*	75–9670	Fork (Used on Center Unit)	2
5	327–24	Screw – Cap Hex. Hd.	2
6	251–332	Spacer – Bearing	2

Ref. No.	Part No.	Description	No. Used
7	86–0020	Wheel – 8" (Used on Wing Units) (Incl. Ref. #1, 2 & 6))	2
*	85–6420	Wheel – 10" (Used on Center Unit) (Incl. Ref. #1, 2 & 6)	2
*	76–1880	Segmented 10" Wheel Opt. (Incl. Ref. #1,2, & 6)	2

*Not Illustrated



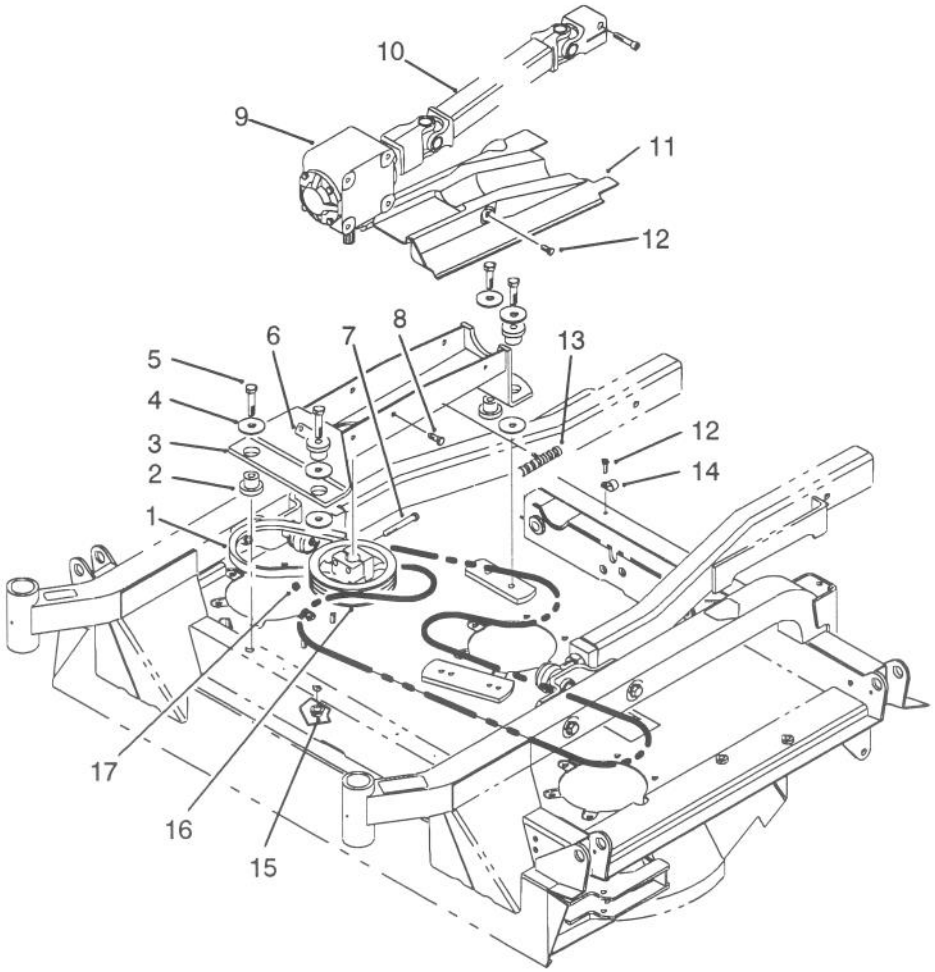
T–1462

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	322–8	Screw – Cap Hex. Hd.	8
7	84–0910	Spacer – Pulley	8
8	38–7820	Bearing – Pulley	8
9	92–0624	Pulley – Half (Incl. Ref. #6–8, & 11)	2
10	323–13	Screw – Cap Hex. Hd.	4
11	32128–25	Nut – Lock, Flange Hd.	8
12	86–1820	Bracket – Pulley	1
13	32144–70	Screw – Hex. Flange Hd.	1
14	3296–25	Nut – Lock	2
15	32121–11	Pin – Roll	2
16	48–7080	Cover – Handle	2
17	86–2400	Latch – Arm	2

Ref. No.	Part No.	Description	No. Used
18	325–5	Screw – Cap Hex. Hd.	2
19	3290–483	Washer – Belleville	2
20	86–1560	Spacer	2
21	86–2600	Washer	2
22	92–0625	Pulley – Idler (Incl. Ref. #7 & 8)	2
23	86–1490	Rod End – LH Thread	2
24	3220–12	Nut – Jam LH Thread	2
25	86–1570	Rod – Threaded	2
26	3220–5	Nut – Jam	2
27	86–1550	Rod End – RH Thread	2
28	3296–45	Nut – Lock	2
29	3256–26	Washer – Flat	2
30	86–1530	Door W.A. – Trap, LH	1
*	86–1590	Door W.A. – Trap, RH	1
31	256–243	Bushing	2
32	325–6	Screw – Cap Hex. Hd.	2

*Not Illustrated



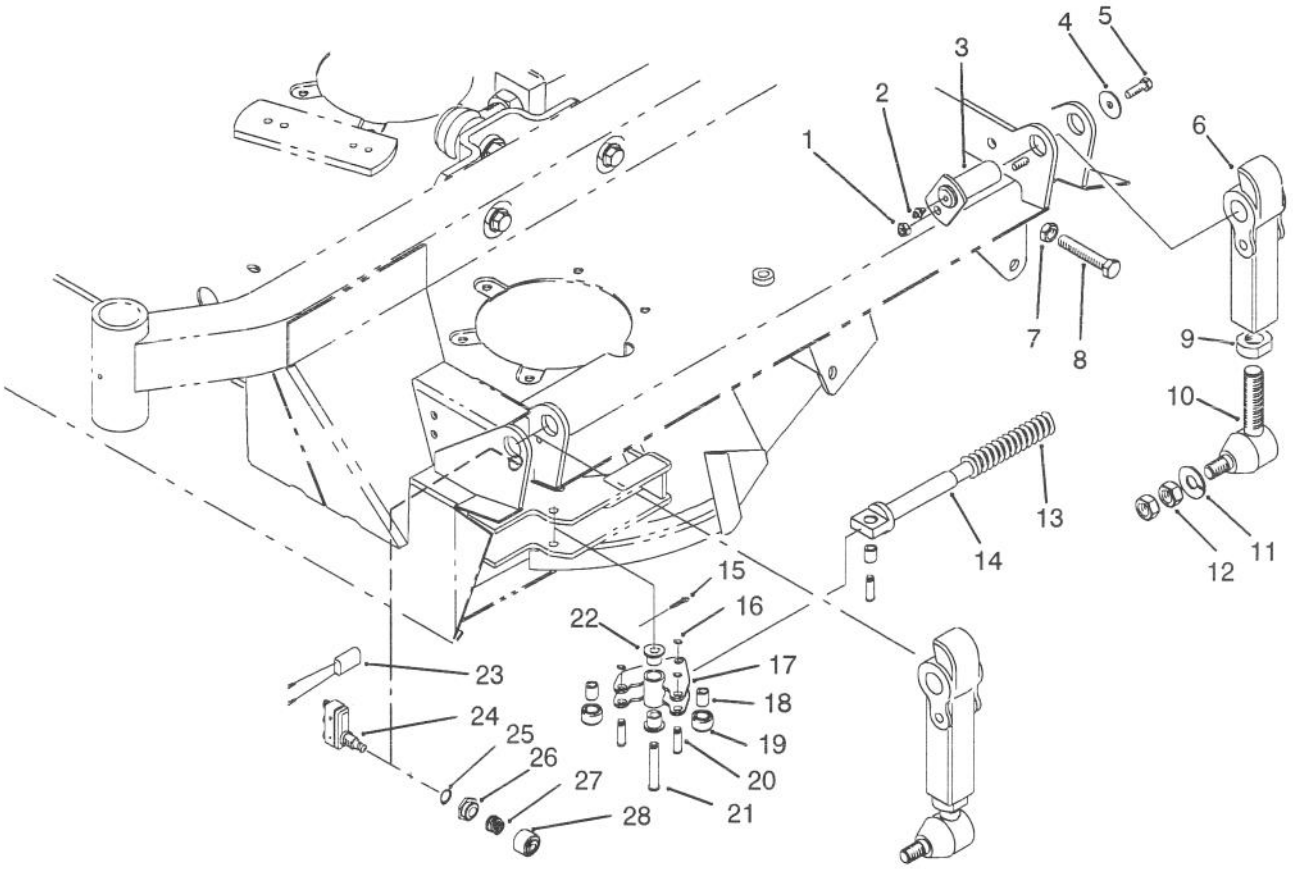
T–1455

GEAR BOX, MOUNT & DRIVE SHAFT ASSEMBLY

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

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

*Not Illustrated

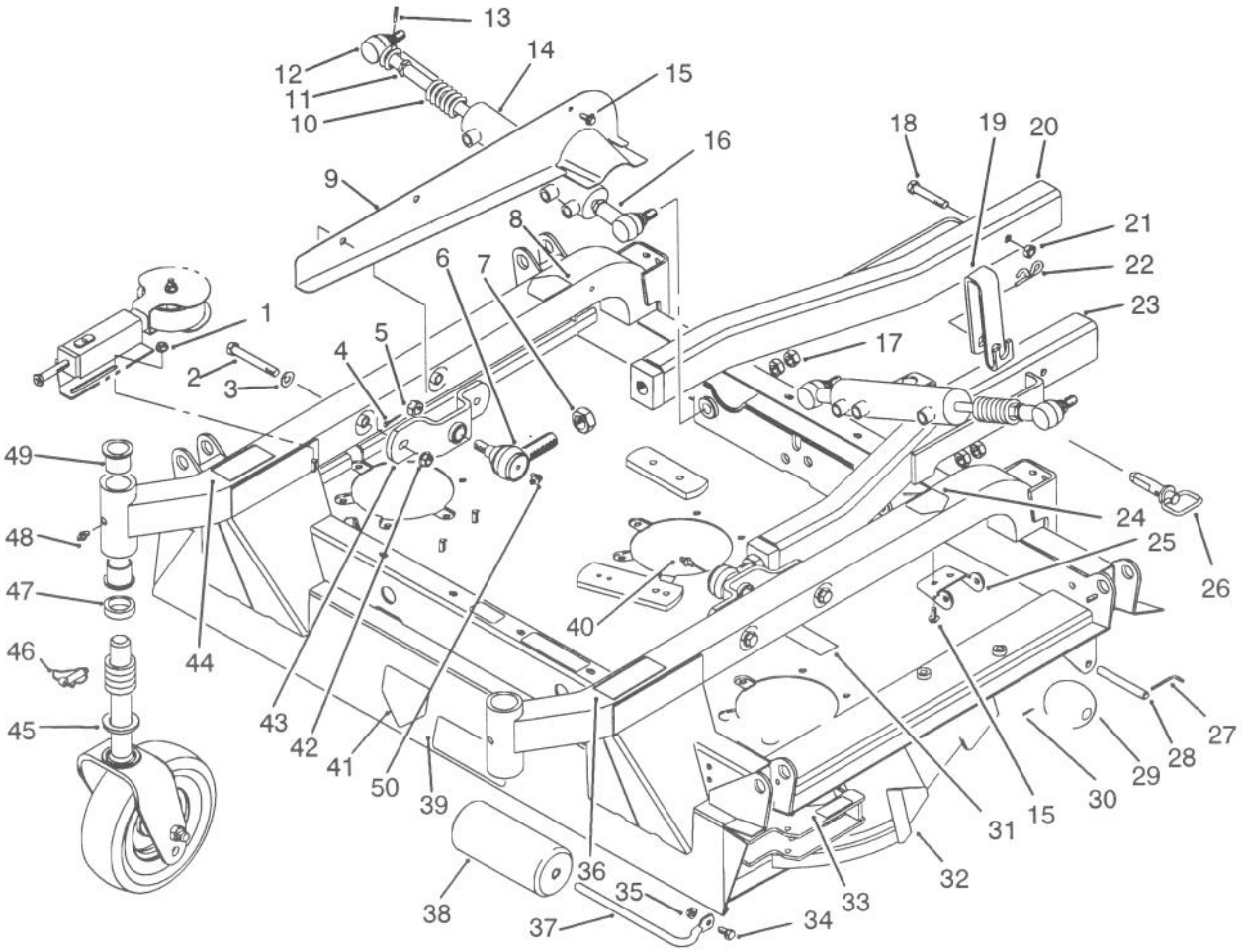


T–1466

PIVOT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–29	Nut – Lock	2
2	302–5	Fitting – Grease	4
3	84–1350	Pin – Pivot	2
4	53–6380	Washer	4
5	3274–80	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	4
11	86–1440	Washer – Lock	8
12	3220–6	Nut	8
13	86–2560	Spring	2
14	86–2650	Support – Spring	2

Ref. No.	Part No.	Description	No. Used
15	3272–9	Pin – Cotter	2
16	32151–73	Ring – Retaining	6
17	86–2150	Lock W.A.	2
18	86–2090	Bushing	6
19	86–2120	Roller	4
20	86–2140	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
25	92–0631	Washer	2
26	92–0630	Nut	2
27	92–0628	Spring	2
28	92–0629	Boot	2



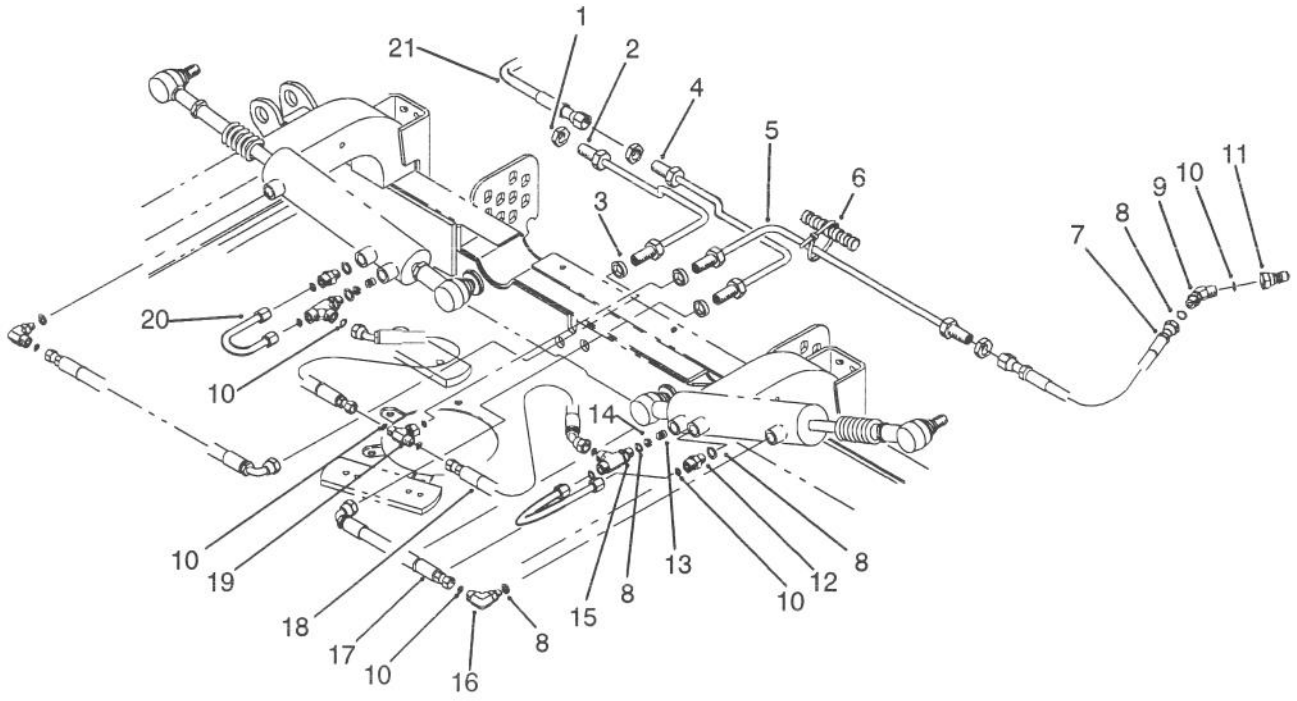
T–1459

CENTER DECK & CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128–19	Nut – Flange Hd.	2
2	325–15	Screw – Cap Hex. Hd.	4
3	3256–26	Washer – Flat	4
4	3272–12	Pin – Cotter	2
5	32136–2	Nut	2
6	86–8100	Ball – Joint	2
7	21–3000	Nut	2
8	86–0730	Decal – HOC, RH	1
9	86–2230	Cover – Guide, RH	1
*	86–2260	Cover – Guide, LH	1
10	86–2510	Spring	2
11	84–5300	Nut	4
12	86–2540	Ball Joint	2
13	32121–51	Pin – Roll	2
14	86–2190	Cylinder – Hydraulic	2
15	32144–70	Screw – Hex. Washer Hd.	6
16	86–2610	Ball Joint	2
17	3220–6	Nut – Jam	4
18	325–11	Screw – Cap Hex. Hd.	2
19	86–2380	Strap – Deck H.O.C.	2
20	86–2280	Frame – Carrier, RH	1
21	3296–23	Nut – Lock	2
22	3290–256	Pin – Cotter, Hair	2
23	86–2320	Frame – Carrier, LH	1
24	86–0720	Decal – HOC, LH	1
25	86–1890	Hinge	2
26	86–2390	Pin – HOC	2

Ref. No.	Part No.	Description	No. Used
27	57–0690	Pin	2
28	57–0680	Shaft	2
29	29–4820	Roller	2
30	3272–11	Pin – Cotter	2
31	86–0740	Decal – Belt	1
32	92–0621	Deck W.A. – Center (Incl. Ref. #8, 24, 31, 33, 36, 39, 41, 44 & 49)	1
33	55–4300	Decal – Warning	2
34	3234–1	Screw – Hex. Flange Hd.	1
35	32128–21	Nut – Flange Hd.	1
36	86–0780	Decal – HOC	1
37	68–6840	Shaft	1
38	68–6710	Roller	1
39	68–8340	Decal – Caution	1
40	302–2	Fitting – Grease	1
41	43–8480	Decal – Danger	1
42	32128–23	Nut – Flange Hd.	2
43	69–7290	Mount – Carrier	2
44	88–1270	Decal – Safety Std.	1
45	77–0950	Washer	2
46	3290–384	Pin – Lynch	2
47	69–1510	Spacer	10
48	302–5	Fitting – Grease	2
49	69–6470	Bushing	4
50	302–33	Fitting – Grease 90°	1

*Not Illustrated

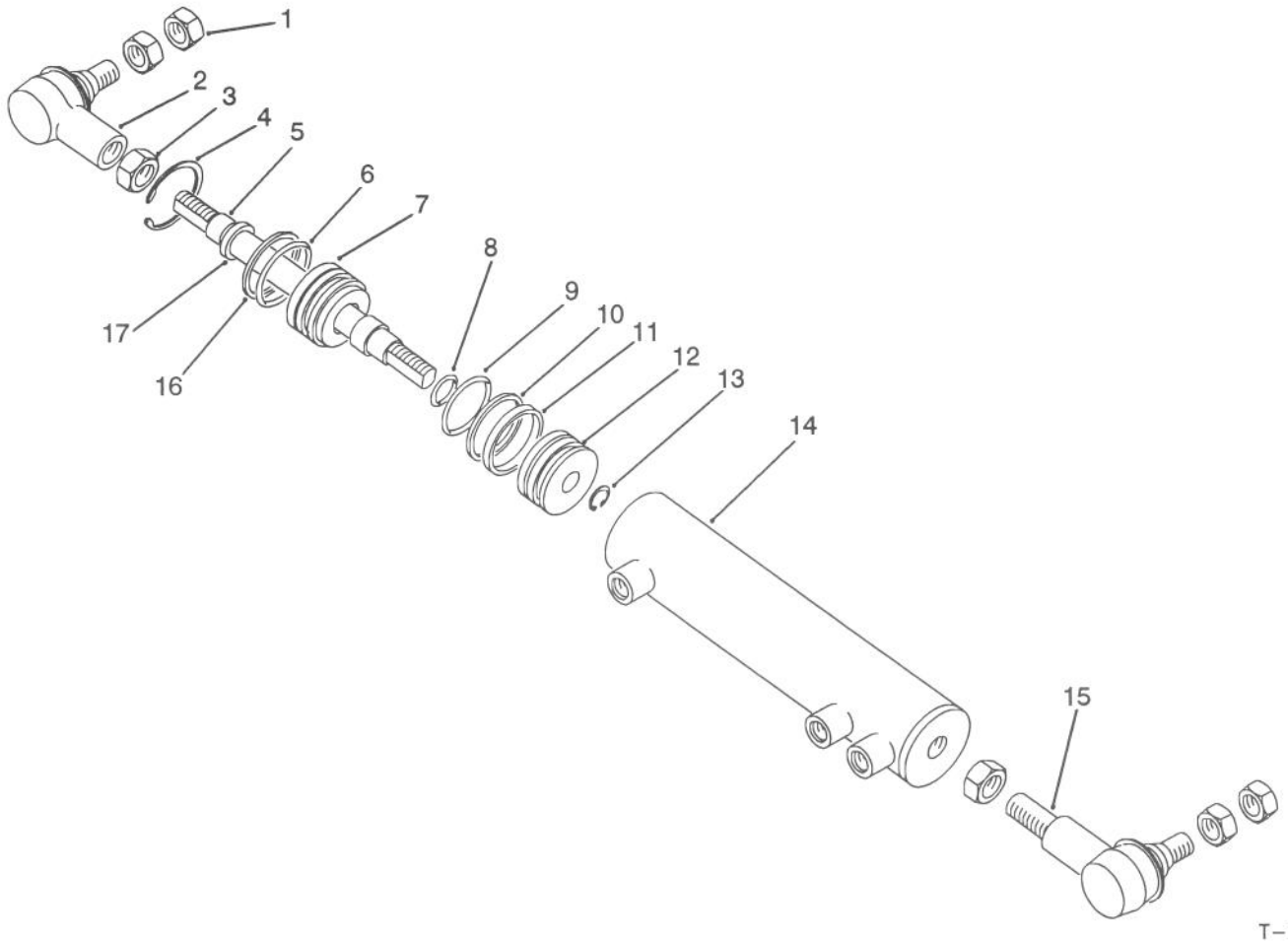


T–1460

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
6	3290–378	Tie – Cable	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

Ref. No.	Part No.	Description	No. Used
12	340–2	Adapter – Straight	2
13	86–2630	Spring – Compression	2
14	86–2500	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



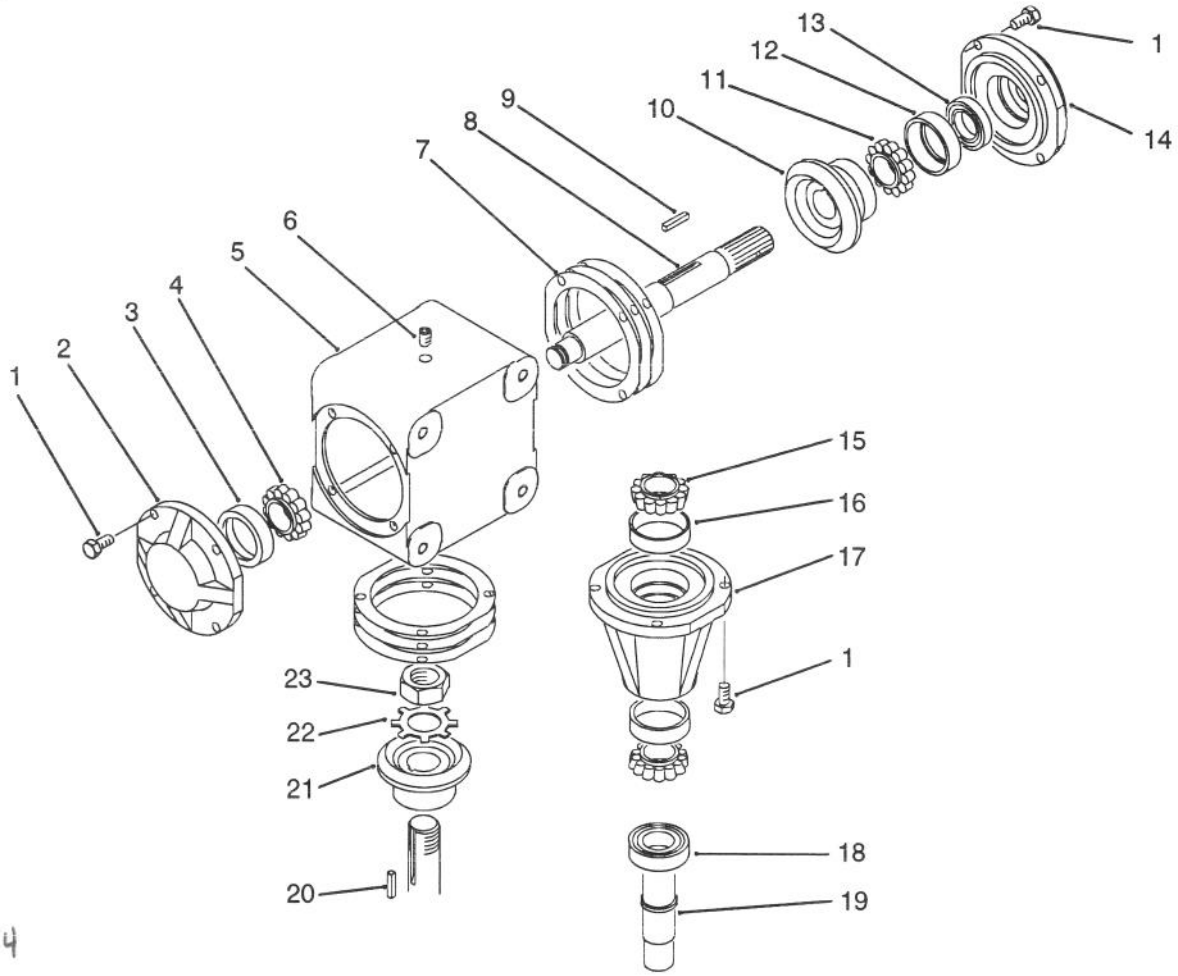
T–1464

HYDRAULIC CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3220–6	Nut – Jam	4
2	83–1640	Assembly – Rod End	1
3	84–5300	Nut – Jam	2
4		Ring – Retaining	1
5	92–0603	Rod	1
6		O–Ring	1
7	92–0604	Head – Ring, Retaining	1
8		O–Ring	1
9		O–Ring	1
10		Ring – Piston	1
11		Ring – Wear	1

Ref. No.	Part No.	Description	No. Used
12	92–0601	Piston	1
13		Ring – Retaining	1
14	92–0602	Assembly – Barrel	1
15	86–2610	Assembly – Rod End	1
16		Back–up	1
17		Wiper	1
*	86–2190	Assembly – Cylinder (Incl. Ref. 4–14 & 16–17)	1
*	92–0600	Kit – Seal (Incl. Ref. #4, 6, 8–11, 13 & 16–17)	1

*Not Illustrated



T–1463

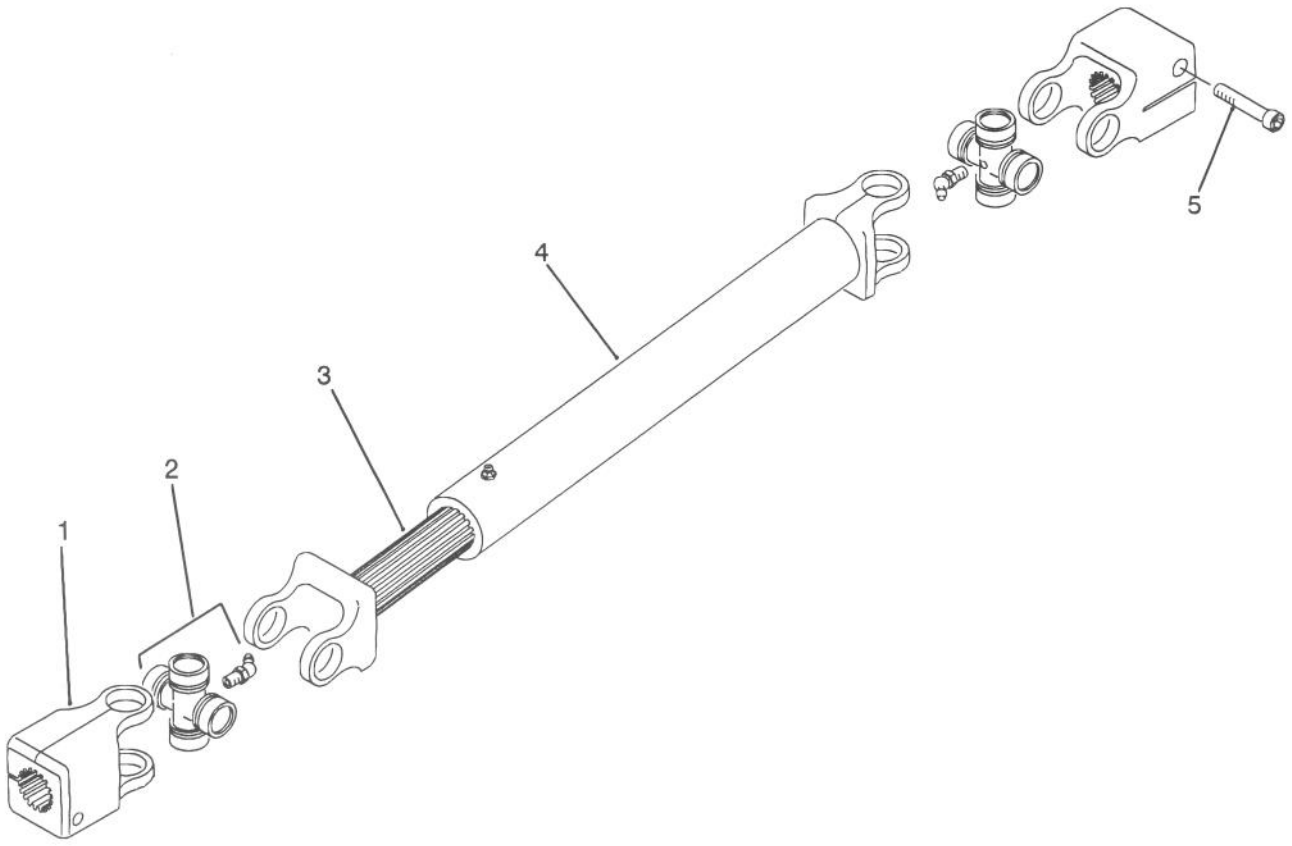
254-94

GEAR BOX ASSEMBLY 86–3090

Ref. No.	Part No.	Description	No. Used
1	62–3310	Screw	12
2	62–3320	Cap – Blank	1
3	62–3340	Cup – Bearing	1
4	~~254–78~~	Cone – Bearing	1
5	92–0605	Housing	1
6	62–3490	Plug – Pipe	3
7	21–6180	Gasket – .015	A/R
*	62–3430	Gasket – .005	A/R
*	62–3440	Gasket – .003	A/R
8	92–0620	Shaft – Thru	1
9	92–0606	Key	1
10	92–0607	Gear – RH	1
11	92–0610	Cone – Bearing	1

Ref. No.	Part No.	Description	No. Used
12	92–0611	Cup – Bearing	1
13	92–0609	Seal	1
14	92–0608	Cap – Thru	1
15	92–0616	Cone – Bearing	2
16	92–0617	Cup – Bearing	2
17	92–0618	Hub	1
18	92–0615	Seal	1
19	92–0614	Shaft – Pinion	1
20	62–3380	Key	1
21	92–0619	Gear – LH	1
22	92–0613	Washer – Lock	1
23	92–0612	Nut – Lock	1

*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
4	86–1180	Tube – Slip Yoke	1
5	3273–17	Screw – Hex. Socket Hd.	2

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–1506	Bushing – Flange	3	9	2
3–3251	Spring	9	40	1
3–6498	Washer	27	49	1
5–2512	Bushing – Sleeve	7	19	2
10–6830	Stud – Drive	53	37	10
10–8110	Washer – Thrust	9	13	1
14–0859	Fuel Tank Plate Assembly	19	25	1
14–0939	Radiator Mount Assembly	52	8	1
14–7479	Hood W.A.	1	19	1
20–9500	Washer	10	55	2
21–2820	Hub – Wheel	53	28	2
21–3000	Nut	85	7	2
21–4191	Seat Belt Assembly	71	1	1
21–6180	Gasket – .015	88	7	A/R
21–9260	Cover – Dust	9	6	1
23–7270	Nut – Wheel	6	17	10
25–2380	Plate – Thrust	5	10	1
25–2430	Pin – Straight	5	13	1
27–2360	Switch – Ignition	16	20	1
27–3710	Dipstick	3	21	1
27–7110	Element Assembly	51	4	1
27–7120	Nut & Gasket Assembly	51	5	1
27–7130	Clamp Assembly	51	7	1
27–7140	Skirt – Baffle	51	6	1
27–7150	Cap Assembly	51	8	1
27–7170	Assembly – Band	33	90	2
27–7170	Band Assembly	51	3	1
28–3380	Plate – Valve	5	1	1
28–3520	O–Ring	30	31	1
28–3570	O–Ring	30	11	1
29–2770	Washer – Thrust	66	18	2
29–4820	Roller	85	29	2
29–6163	Switch – Micro	27	26	1
31–0390	Washer – Friction	10	56	2
37–2690	Capacitor	12	12	1
37–8770	Screw – Hex. Washer Hd.	52	24	2
38–7820	Bearing	73	1	6
38–7820	Bearing	80	2	4
38–7820	Bearing	74	15	6
38–7820	Bearing – Pulley	82	8	8
43–8480	Decal – Danger	80	11	2
43–8480	Decal – Danger	74	7	2
43–8480	Decal – Danger	85	41	1
43–8600	Spring – Switch	12	20	1
43–8610	Guide – Spring & Ball	3	50	1
43–8610	Guide	12	19	1
43–8620	Guide – Pin, Switch	12	22	1
43–8860	Plunger – Switch	12	21	1
43–8870	Boot – Switch	12	11	1
43–9071	Assy. – Switch, Seat	12	*	1
44–2200	Bolt – Blade	76	14	1
44–2200	Bolt – Blade	77	14	1
44–2200	Bolt – Blade	78	16	1
44–8320	Spring	26	9	3
44–8320	Spring	79	10	3
46–0330	Nut	46	32	3
46–0330	Nut – Hex.	48	11	2
46–0330	Nut – Lock	37	1	6
46–0330	Nut – Lock	40	11	1
46–0330	Nut–Hex	49	1	2
46–6550	Fitting – Fuel 90°	19	6	2
46–6560	Bushing – Rubber	19	9	2
46–6810	Assy. – Screw & Washer	17	1	4
46–6810	Screw – Hex. Washer Hd.	1	3	9
46–6811	Screw – Hex. Washer Hd.	32	52	2
46–8091	Screw – Hex. Washer Hd.	1	16	4
47–6990	Nut	9	27	1
48–1800	Cylinder Block Kit	5	2	1
48–4590	Horn	12	32	1
48–4970	Bolt – Hex. Head	25	11	3
48–7080	Cover – Handle	82	16	2
48–7081	Sleeve	2	56	2
48–7570	Screw – Cap Hex. Hd.	32	19	3
48–7610	Screw – Cap Hex. Hd.	33	97	3
48–7640	Bolt – Valve Cover	39	46	3
48–7640	Screw – Cap Hex. Hd.	43	9	3
48–7700	Screw – Cap Hex. Hd.	38	23	3
48–7700	Screw – Cap Hex. Hd.	32	25	10
48–7700	Screw – Hex. Washer Hd.	41	5	2
48–7730	Screw – Cap Hex. Hd.	32	26	1
48–7780	Screw – Cap Hex. Hd.	33	94	3
48–7810	Screw – Cap Hex. Hd.	32	27	3
48–7810	Screw–Mounting	49	5	3
48–7840	Screw – Cap Hex. Hd.	32	17	1
48–7880	Nut	46	14	1
48–7880	Nut – Hex.	14	5	2
48–7880	Nut – Hex.	15	28	1
48–7880	Nut – Hex.	50	5	5
48–7890	Nut – Hex.	14	4	1
48–7890	nut – Hex.	15	29	1
48–7930	Nut – Hex.	14	3	1
48–9460	Screw – Cap Hex. Hd.	48	2	3
48–9460	Screw – Cap Hex. Hd.	38	18	2
48–9460	Screw – Cap Hex. Hd.	32	24	1
48–9460	Screw – Hex. Washer Hd.	41	7	2
48–9470	Screw – Cap Hex. Hd.	32	16	1
49–0170	Seal Kit	11	*	1
49–2640	Seal–Shaft	29	5	1
49–2660	Frontplate Assembly	29	7	1
49–2670	Plate–Wear	29	13	1
49–2680	Seal – O–Ring (Molded)	29	10	1
49–2690	Gasket–Backup	29	12	1
49–2700	Seal–Bearing	29	11	1
52–9230	Ring–Retaining	11	3	1
52–9240	Bushing–Seal, Gland	11	4	1
52–9250	Needle Bearing Kit	11	*	1
52–9260	Screw–Set	11	1	1
52–9270	Seat–Ball, Check	11	24	1
52–9280	Ball–Check	11	22	1
52–9290	Retainer–Check Ball	11	21	1
53–6380	Washer	74	25	1
53–6380	Washer	80	26	1
53–6380	Washer	84	4	4
53–9480	Washer – Rebound	32	21	4
53–9681	Mount – Rubber, Engine	32	14	2
53–9682	Mount – Rubber, Eng	33	93	1
55–4130	Hose – Fuel	32	53	1
55–4300	Decal – Warning	72	12	1
55–4300	Decal – Warning	85	33	2
56–6710	Seal – O–Ring	29	9	2
56–7973	Clamp	31	20	2
56–7973	Clamp – Hose	57	58	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
56–7973	Clamp – Tube	9	46	4
56–7973	Clamp – Tube	54	56	2
57–0680	Shaft	85	28	2
57–0690	Pin	85	27	2
57–5420	Screw – Shoulder	23	1	1
58–6290	Poppet Assembly	18	34	3
58–6310	Spacer	18	28	3
58–6320	Wiper – Seal	18	24	3
58–6330	Seat Assy.	18	35	3
58–6340	Seal – O–Ring	18	36	3
58–6350	Plug Assembly	18	11	3
58–6370	Washer – Back–Up	18	10	6
58–6400	Bushing	18	25	3
58–6420	Cap Assembly	18	30	3
58–6440	Poppet	18	22	1
58–6450	Seal – O–Ring	18	12	6
58–6460	Ring – Retaining	18	29	3
58–6470	Washer	18	18	A/R
58–6480	Washer	18	19	A/R
58–6490	Washer	18	20	A/R
58–6700	Washer	18	26	3
58–6720	Seal – O–Ring	18	7	1
58–6730	Spring	18	27	3
58–6750	Seal – O–Ring	18	17	1
58–6760	Spring	18	3	3
58–6770	Plunger – Detent	18	4	3
58–6780	Plug Assy.	18	1	3
58–6790	Seal – O–Ring	18	5	3
59–6430	Valve – Check	10	61	1
59–6730	Race–Bearing	11	7	2
59–6740	Bearing–Needle, Thrust	11	8	1
59–6820	Centering Spring Kit	11	11	1
59–6830	Kit–Centering Pin	11	20	1
59–6850	Plate–Spacer	11	14	1
59–6860	Drive	11	15	1
59–6890	Cap–End	11	18	1
60–3520	O – Ring	29	25	1
60–3780	Seal Kit	18	*	1
60–5710	Plug Assembly	29	18	1
60–5720	Seal – O–Ring	18	9	6
60–5730	Disc	29	20	1
60–5860	Plug Assembly	29	24	1
60–5890	Washer	29	6	1
60–6450	Disc	18	2	A/R
60–6700	Screw – Cap Hex. Hd.	40	19	1
60–6700	Screw – Cap Hex. Hd.	46	34	1
60–6760	Screw – Cap Hex. Hd.	46	2	4
60–9870	Screw	84	8	2
61–2790	Screen	23	3	1
62–1230	Washer	1	21	2
62–1230	Washer	32	46	2
62–2170	Washer – Thrust	53	20	4
62–3310	Screw	88	1	12
62–3320	Cap – Blank	88	2	1
62–3340	Cup – Bearing	88	3	1
62–3380	Key	88	20	1
62–3430	Gasket – .005	88	*	A/R
62–3440	Gasket – .003	88	*	A/R
62–3490	Plug – Pipe	88	6	3
62–6430	Gasket – .005	88	*	A/R
62–7400	Decal – TORO	1	1	1
62–7650	Gasket – Sending Unit	19	28	1
63–1400	Rod – Belt	74	26	1
63–4090	Fitting – Adapter 90°	17	16	1
63–7590	Relay – SPDT	12	29	1
63–7590	Relay – SPDT	15	11	2
63–7622	Hose – Fuel	19	22	2
65–7622	Hose – Fuel	32	34	1
63–7626	Hose – Fuel	19	7	1
63–7627	Hose – Fuel	19	8	1
63–7627	Hose – Fuel	32	36	1
63–7672	Hose – Fuel	32	34	1
63–7880	Latch – Brake	8	16	1
63–7900	Rack – Brake	9	37	1
63–8360	Key – Ignition	16	5	1
63–8410	Washer	27	17	3
63–8410	Washer	8	34	1
63–9751	Mount – Linkage Rod	8	10	4
63–9751	Mount – Rubber	27	21	4
65–5100	Handle – Hood	1	18	2
65–7980	Nut – Hex. Flange	50	6	1
66–1340	Decal – Danger	80	13	1
66–1340	Decal – Danger	74	16	1
66–1930	Nut–Lock	59	11	1
66–1940	Piston	59	4	1
66–2490	Clamp – Battery	32	5	1
66–2871	Cable – Hood	1	13	1
66–2871	Cable – Hood	32	47	1
66–2920	Washer – Nylon	8	39	1
66–2940	Gauge – Fuel	16	10	1
66–2950	Meter – Hour	16	11	1
66–2960	Cluster – Warning Light	16	8	1
66–3240	Cap – Expansion Tank	33	54	1
66–5400	Seat Assembly	68	1	1
66–5400	Seat Assembly	13	2	1
66–6480	Washer	7	6	2
66–8510	Adjuster & Handle Assembly	13	6	1
66–8520	Bumper – Seat	13	5	2
66–8530	Adjuster Assembly	13	10	1
66–8540	Hanger – Spring	13	*	1
66–8550	Rod – Pivot	13	*	2
66–8560	Nut – Push	13	*	4
66–8580	Bushing – Suspension	13	*	4
66–8600	Plate – Seat Base	13	4	1
66–8610	Suspension – Seat	13	13	1
66–9290	Spacer – Suspension	13	12	4
66–9303	Screw – Hex. Flange Hd.	27	38	6
66–9303	Screw – Flange Head	25	6	6
67–0870	Screw – Shoulder	2	42	2
67–1300	Decal – TORO	52	18	1
67–5770	Washer – Blade	76	13	1
67–5770	Washer – Blade	77	13	1
67–5770	Washer – Blade	78	15	1
67–7050	Field Rotor Assembly	79	1	1
67–7060	Ring – Retaining	79	8	1
67–7080	Collar – Bearing	79	6	1
67–7090	Bearing – Pulley	79	7	1
67–7100	Plate – Brake	79	11	1
67–7160	Holder – Fuse	15	20	1
67–7180	Link – Fusible	14	8	1
67–9410	Washer – Flat	56	45	5
67–9550	Cushion – Seat	13	1	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67-9560	Bucket – Seat	13	3	1
68-3220	Key – Square	78	4	1
68-3280	Spring – Seat	68	4	2
68-6150	Breather	19	10	2
68-6480	Bushing – Flange	66	19	4
68-6710	Roller	85	38	1
68-6840	Shaft	85	37	1
68-7573	Seal – Shroud	1	10	2
68-8340	Decal – Caution	85	39	1
68-8080	Wheel – Steering	9	25	1
68-9420	Washer – Lock	42	8	6
68-9420	Washer – Lock	40	10	6
68-9420	Washer – Lock	38	17	5
68-9420	Washer – Lock	46	36	3
68-9420	Washer – Lock	33	81	4
68-9420	Washer – Spring	42	1	7
68-9420	Washer – Spring	46	3	8
68-9420	Washer – Spring	48	3	6
68-9420	Washer – Spring	43	4	3
69-0760	Bracket – Armrest L.H.	69	*	1
69-0770	Bracket – Armrest R.H.	69	4	1
69-1170	Gauge – Sight	23	6	1
69-1180	Armrest	69	1	2
69-1260	Spacer	69	6	4
69-1510	Spacer	80	23	5
69-1510	Spacer	85	47	10
69-1510	Spacer – Fork	74	24	5
69-1530	Housing – Spindle	76	7	1
69-1530	Housing – Spindle	77	7	1
69-1530	Housing – Spindle	78	9	1
69-1560	Lever – Lock	9	33	1
69-1780	Assembly – Valve, Lift	17	15	1
69-1790	Plunger	18	37	2
69-1800	Plug Assembly	18	32	3
69-1810	Spring	18	33	3
69-1820	Spring – Black	18	21	1
69-1830	Plug Assembly	18	16	1
69-1840	Plunger	18	31	1
69-3020	Latch – Draw	2	33	2
69-4780	Clamp – Gauge	16	14	1
69-6470	Bushing	74	2	2
69-6470	Bushing	80	22	2
69-6470	Bushing	85	49	4
69-6470	Bushing – Flange	53	21	4
69-6950	Spacer – Spindle	76	10	1
69-6950	Spacer – Spindle	77	10	1
69-6950	Spacer – Spindle	78	12	1
69-7010	Lever W.A. – Valve, L.H.	17	*	1
69-7290	Mount – Carrier	85	43	2
69-8890	Cap – Spindle	53	18	2
69-9140	Link – Lever, Valve	17	9	3
69-9300	Pad – Bumper	66	26	2
70-1380	Protector – Sleeve	31	15	1
70-1380	Sleeve – Protective	66	9	1
70-1380	Sleeve – Protective	52	21	1
70-1480	Relay – Sealed	15	5	1
70-1480	Relay – Starter	19	35	1
70-2560	Decal – Lube	83	6	1
70-2560	Decal – Oil	1	8	1
70-8621	Cap – Fuel	19	3	1
70-8640	Cap – Oil	23	2	1
71-2530	Assembly – Bearing	76	15	1
71-2530	Assembly – Bearing	77	15	1
71-2530	Assembly – Bearing	78	17	1
71-4580	Roller – Clutch	56	29	1
71-4590	Washer – Thrust	56	27	2
72-0130	Kit – Horn	9	26	1
72-3790	Wire Assembly	84	23	2
72-4320	Switch – Ball	12	17	1
72-4320	Switch – Ball	3	22	1
72-9361	Cup – Anti-Scalp	76	12	1
72-9361	Cup – Anti-Scalp	77	12	1
72-9361	Cup – Anti-Scalp	78	14	1
74-0720	Tube – Manual	12	1	1
74-3410	Radiator	52	6	1
74-3450	Cylinder – Hydraulic	56	46	1
74-3630	Actuator – Brake	6	5	2
74-3640	Disc – Brake	6	4	4
74-3650	Fan	33	63	1
74-3660	Valve – Control, Steering	10	59	1
74-3670	Assy. – Column, Steering	9	11	1
74-4010	Wireform W.A.	32	50	1
74-4050	Bracket – Support, Hood	32	43	1
74-4080	Orifice – Breather	24	46	1
74-4090	Tread – Foot	2	48	1
74-4230	Bracket – Mount, Filter	23	10	1
74-4900	Tube – Water, Return	33	87	1
74-4980	Shroud – Fan Upper	52	3	1
74-4990	Shroud – Fan, Bottom	52	46	1
74-5000	Rear Axle Assembly	53	23	1
74-5250	Pin – Axle Pivot	54	52	1
74-5250	Pin – Axle Pivot	57	54	1
74-5330	Spindle – L.H.	53	24	1
74-5350	Spindle – R.H.	53	*	1
74-5440	Hub – Wheel	6	13	2
74-5460	Angle Radiator Support	52	38	1
74-5470	Mount – Engine	32	15	1
74-5500	Bolt – Wheel	56	41	10
74-5510	Assembly – Engine	32	29	1
74-5520	Clutch – Fan	33	66	1
74-5580	Tank – Fuel	19	32	1
74-5590	Gasket – Exhaust, Manifold	33	68	1
74-5620	Axle – 4WD	56	36	1
74-5630	Adapter	61	12	1
74-5700	Bearing – Needle	56	17	1
74-5760	PCV Valve	33	74	1
74-5770	Lever – Shift	9	15	1
74-5790	Shaft – Pivot	9	17	1
74-5860	Sending Unit – Fuel	19	29	1
74-5910	Fitting – Bulkhead, Special	17	27	1
74-5930	Hose – Radiator, Upper	32	31	1
74-5930	Hose – Radiator, Upper	52	44	1
74-5980	Muffler W.A.	33	82	1
74-6000	Air Cleaner Assembly	51	1	1
74-6000	Assembly – Air Cleaner	33	76	1
74-6010	Hose – Overflow	33	62	1
74-6020	Hose – Radiator, Lower	52	45	1
74-6020	Hose – Radiator, Lower	33	70	1
74-6030	Hose – Air Cleaner	32	37	1
74-6040	Hose – Return	32	49	1
74-6050	Lever W.A. – Valve, Center	17	*	1
74-6060	Lever W.A. – Valve, R.H.	17	12	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
74–6110	Stop – Pedal	8	38	1
74–6230	Assy. – Tube, Traction	23	41	1
74–6400	Assembly – Tube	52	33	1
74–6400	Assembly – Tube, Filter Line	23	12	1
74–6450	Bracket – Bulkhead	53	5	1
74–6450	Bracket – Bulkhead	57	49	1
74–6490	Hose – Water Line	33	72	2
74–6520	Washer – Flat	37	2	6
74–6530	Stud	37	3	6
74–6530	Stud	40	9	1
74–6540	Tappet – Valve	37	4	8
74–6550	Cup – Upper Valve Spring	37	5	8
74–6560	Spring – Valve	37	6	8
74–6570	Cup – Lower Valve Spring	37	7	8
74–6580	Insert – Valve (1.650mm)	37	8	8
74–6590	Insert – Valve (1.725mm)	37	*	8
74–6600	Insert – Valve (1.800mm)	37	*	8
74–6610	Insert – Valve (1.900mm)	37	*	8
74–6620	Insert – Valve (1.975mm)	37	*	8
74–6630	Insert – Valve (2.050mm)	37	*	8
74–6640	Insert – Valve (2.125mm)	37	*	8
74–6650	Insert – Valve (2.225mm)	37	*	8
74–6660	Insert – Valve (2.250mm)	37	*	8
74–6670	Insert – Valve (2.275mm)	37	*	8
74–6680	Insert – Valve (2.300mm)	37	*	8
74–6690	Insert – Valve (2.325mm)	37	*	8
74–6700	Insert – Valve (2.350mm)	37	*	8
74–6710	Insert – Valve (2.375mm)	37	*	8
74–6720	Insert – Valve (2.400mm)	37	*	8
74–6730	Insert – Valve (2.425mm)	37	*	8
74–6740	Insert – Valve (2.450mm)	37	*	8
74–6750	Insert – Valve (2.475mm)	37	*	8
74–6760	Insert – Valve (2.500mm)	37	*	8
74–6770	Insert – Valve (2.525mm)	37	*	8
74–6780	Insert – Valve (2.550mm)	37	*	8
74–6790	Insert – Valve (2.575mm)	37	*	8
74–6800	Insert – Valve (2.600mm)	37	*	8
74–6810	Insert – Valve (2.625mm)	37	*	8
74–6820	Insert – Valve (2.650mm)	37	*	8
74–6830	Insert – Valve (2.675mm)	37	*	8
74–6840	Insert – Valve (2.700mm)	37	*	8
74–6850	Insert – Valve (2.725mm)	37	*	8
74–6860	Insert – Valve (2.750mm)	37	*	8
74–6870	Insert – Valve (2.775mm)	37	*	8
74–6880	Insert – Valve (2.800mm)	37	*	8
74–6890	Insert – Valve (2.825mm)	37	*	8
74–6900	Insert – Valve (2.850mm)	37	*	8
74–6910	Insert – Valve (2.875mm)	37	*	8
74–6920	Insert – Valve (2.900mm)	37	*	8
74–6930	Insert – Valve (2.925mm)	37	*	8
74–6940	Insert – Valve (2.950mm)	37	*	8
74–6950	Insert – Valve (2.975mm)	37	*	8
74–6960	Insert – Valve (3.000mm)	37	*	8
74–6970	Insert – Valve (3.025mm)	38	8	8
74–6980	Insert – Valve (3.050mm)	38	*	8
74–6990	Insert – Valve (3.075mm)	38	*	8
74–7000	Insert – Valve (3.100mm)	38	*	8
74–7010	Insert – Valve (3.125mm)	38	*	8
74–7020	Insert – Valve (3.150mm)	38	*	8
74–7030	Insert – Valve (3.175mm)	38	*	8
74–7040	Insert – Valve (3.200mm)	38	*	8
74–7050	Insert – Valve (3.225mm)	38	*	8
74–7060	Insert – Valve (3.250mm)	38	*	8
74–7070	Insert – Valve (3.275mm)	38	*	8
74–7080	Insert – Valve (3.300mm)	38	*	8
74–7090	Insert – Valve (3.325mm)	38	*	8
74–7100	Insert – Valve (3.350mm)	38	*	8
74–7110	Insert – Valve (3.375mm)	38	*	8
74–7120	Insert – Valve (3.400mm)	38	*	8
74–7130	Insert – Valve (3.425mm)	38	*	8
74–7140	Insert – Valve (3.450mm)	38	*	8
74–7150	Insert – Valve (3.475mm)	38	*	8
74–7160	Insert – Valve (3.500mm)	38	*	8
74–7170	Insert – Valve (3.550mm)	38	*	8
74–7180	Insert – Valve (3.625mm)	38	*	8
74–7190	Insert – Valve (3.700mm)	38	*	8
74–7200	Insert – Valve (3.775mm)	38	*	8
74–7210	Insert – Valve (3.850mm)	38	*	8
74–7220	Insert – Valve (3.925mm)	38	8	8
74–7230	Insert – Valve (4.000mm)	38	*	8
74–7240	Collar – Split	38	9	16
74–7250	Gasket – Fitting	38	10	1
74–7260	Bolt – Head	38	11	10
74–7270	Washer – Flat	38	12	10
74–7280	Plug	38	13	2
74–7340	Fitting – Coolant	38	19	1
74–7350	Hose	38	20	1
74–7360	Tube – Collector	38	21	1
74–7390	Hose – Elbow	38	24	1
74–7400	Tube	38	25	1
74–7410	Plug	38	26	2
74–7420	Ball	38	27	4
74–7430	Chamber – Turbulence	38	28	4
74–7440	Chamber – Turbulence	38	*	4
74–7450	Seat – Intake Valve	39	29	4
74–7460	Seat – Intake Valve	39	*	4
74–7470	Valve – Exhaust	39	31	4
74–7480	Valve – Intake	39	30	4
74–7490	Seat – Exhaust Valve	39	32	4
74–7500	Seat – Exhaust Valve	39	*	4
74–7510	Guide – Valve (14.29mm)	39	33	8
74–7520	Guide – Valve (14.59mm)	39	*	8
74–7530	Gasket – Head (1.61mm)	39	34	1
74–7540	Gasket – Head (1.73mm)	39	*	1
74–7550	Screw – Cap Hex. Hd.	39	35	2
74–7560	Washer	35	8	6
74–7560	Washer – Lock	39	36	2
74–7560	Washer – Spring	44	4	4
74–7560	Washer – Spring	43	7	5
74–7560	Washer – Spring	41	9	2
74–7560	Washer – Spring	46	41	2
74–7580	Plate	39	38	1
74–7590	Gasket	39	39	1
74–7600	Plug	39	40	4
74–7610	Cylinder Head Assembly	39	41	1
74–7620	Plug	39	42	1
74–7630	Gasket – Valve Cover	39	43	1
74–7640	Cover – Valve	39	44	1
74–7650	Washer – Flat	39	45	3
74–7670	Head Bolt & Washer Set	39	*	1
74–7690	Cap – Filler	34	2	1
74–7700	Dipstick – Oil	34	3	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
74-7710	Hose – Breather	34	4	1
74-7720	Hose – PVC Valve	33	92	1
74-7730	Hose – Air Cleaner PCV	33	75	1
74-7770	Hose – Crankcase	34	11	1
74-7780	Gasket	34	12	1
74-7790	Screw	34	13	1
74-7800	Pin – Spring	34	14	2
74-7810	Gasket – Plate	34	15	1
74-7820	Plate	34	16	1
74-7830	Screw – Washer Hd.	34	17	2
74-7840	Plug	38	14	2
74-7840	Plug	34	18	8
74-7850	Gasket	34	19	4
74-7870	Gasket – Oil Pan	34	21	1
74-7880	Pin – Groove	34	22	2
74-7890	Pan – Oil	34	23	1
74-7900	Washer – Stop	34	24	23
74-7910	Screw – Cap Hex. Hd.	43	8	2
74-7910	Screw – Cap Hex. Hd.	41	10	2
74-7910	Screw – Cap Hex. Hd.	34	25	20
74-7920	Plug	34	20	1
74-7930	Screw – Bearing Cap	34	27	10
74-7940	Bushing – Spring	34	28	1
74-7950	Screw – Plate	34	29	6
74-7960	Stud – Filter	34	30	1
74-7970	Filter – Oil	34	31	1
74-7980	Switch – Pressure	34	32	1
74-7990	Pin – Spring	34	33	4
74-8000	Plug	34	34	2
74-8010	Tube	34	35	1
74-8020	Longblock Assembly	34	36	1
74-8030	Pin – Spring	34	37	1
74-8040	Plug	34	38	1
74-8050	Oil Decanter Assembly	34	1	1
74-8060	Gasket Set	34	*	1
74-8070	Screw – Cap Hex. Hd.	35	1	1
74-8080	Washer	35	2	1
74-8090	Pulley	35	3	1
74-8100	Gear – Pinion	35	4	1
74-8110	Sprocket – Oil Pump	35	5	1
74-8120	Key – Woodruff	35	6	2
74-8130	Screw – Cap Hex. Hd.	35	7	4
74-8130	Screw – Cap Hex. Hd.	46	42	2
74-8140	Cover	35	9	1
74-8150	Gasket – Cover	35	10	1
74-8160	Seal – Shaft	35	11	1
74-8170	Bearing Set (Std.)	35	12	5
74-8180	Bearing Set (.30mm OS)	35	*	5
74-8190	Thrust Bearing Set (Std.)	35	13	2
74-8200	Thrust Bearing Set	35	*	2
74-8210	Thrust Bearing Set	35	*	2
74-8220	Thrust Bearing Set	35	*	2
74-8230	Crankshaft	35	14	1
74-8240	Seal	35	15	1
74-8250	Pin	35	16	1
74-8260	Flywheel	35	17	1
74-8270	Pin	35	18	3
74-8280	Screw – Cap Hex. Hd.	35	19	8
74-8290	Seal – #1 Bearing Cap	35	20	2
74-8300	Clip – Piston Pin	35	21	8
74-8310	Pin – Piston	35	22	4
74-8320	Piston Ring Set (Stage #1)	35	23	4
74-8330	Piston Ring Set (Stage #2)	35	*	4
74-8340	Piston Ring Set (Stage #3)	35	*	4
74-8350	Bushing – Sleeve	35	24	4
74-8360	Rod – Connecting	35	25	4
74-8370	Nut – Hex.	35	26	8
74-8380	Bearing – Connecting Rod	35	27	4
74-8390	Bearing – Connecting Rod	35	*	4
74-8400	Bolt – Connecting Rod	35	28	4
74-8420	Piston Set – Stage #1	35	29	1
74-8430	Piston Set – Stage #2	36	29	1
74-8440	Piston Set – Stage #3	36	*	1
74-8570	Screw – Cap Hex. Hd.	36	33	2
74-8580	Bracket – Pump	46	1	1
74-8600	Bracket – Pump	46	4	1
74-8610	Pin – Spring	46	5	1
74-8620	Nut – Conical	46	6	1
74-8630	Bushing – Flange	46	7	1
74-8640	Washer – Flat	46	8	1
74-8640	Washer – Flat	48	12	1
74-8650	Pacer	46	9	1
74-8660	Injection Pump Assembly	46	10	1
74-8670	Fuel Inlet Assembly	46	11	1
74-8680	Gasket	46	12	2
74-8710	Washer	46	15	1
74-8710	Washer – E.T.L.W.	50	8	1
74-8720	Stop Valve Assembly	46	16	1
74-8730	Ring – Seal	46	17	1
74-8740	Tube – Pump Return	46	18	1
74-8750	Injection Tube Set	46	19	1
74-8760	Hose – Rubber	46	20	3
74-8770	Plug	46	21	1
74-8780	Clamp – Plastic	46	22	1
74-8790	Clamp – Metal	46	*	1
74-8810	Gasket	44	15	1
74-8820	Plug	44	16	1
74-8870	Gasket	46	29	2
74-8890	Fuel Outlet Assembly	46	31	1
74-8900	Washer – Flat	40	7	2
74-8900	Washer – Flat	46	33	1
74-8910	Bracket – Horn	12	33	1
74-8980	Backplate Assembly	29	22	1
74-8990	Spool Assembly	29	23	1
74-9000	Relief Valve Assy.	29	17	1
74-9010	Kit – Seal	29	*	1
74-9020	Backplate Repair Kit	29	*	1
74-9040	Coupling	29	26	1
74-9080	Cable – Battery Pos.	32	1	1
74-9090	Cable – Battery Neg.	32	*	1
74-9100	Pad – Forward Pedal	8	7	1
74-9110	Pad – Reverse Pedal	8	9	1
74-9120	Hose – Expansion Tank	52	48	1
74-9120	Hose – Radiator, Overflow	33	57	1
74-9122	Hose – Vent	19	17	1
74-9430	Cap – End	5	14	1
74-9440	Gasket	5	11	1
74-9450	Plug	5	4	1
74-9480	Seal – Lip	5	6	1
74-9500	Screw – Cap Hex. Hd.	5	16	4
74-9510	Washer – Flat	5	15	1
74-9600	Piston Rod Assembly	59	9	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
74–9610	Butt & Tube Assembly	59	1	1
74–9640	Gland	59	7	1
74–9710	Kit – Seal	59	*	1
74–9730	Butt & Tube Assy.	55	1	1
74–9770	O–Ring	55	12	1
74–9780	O–Ring	55	4	1
74–9790	O–Ring	55	6	1
74–9800	Seal–Teflon	55	5	1
75–0140	Spring – Conical	30	5	2
75–0240	O–Ring	30	4	2
75–0400	Plate – Thrust	30	37	1
75–0470	Kit – Cylinder Block	30	38	1
75–0480	Pin	30	15	2
75–0500	Bearing – Needle	30	13	1
75–0510	Pin	30	40	1
75–0550	Strainer – Tank	23	23	1
75–3570	Tip – Handle	13	9	1
75–4090	Switch W.A. – Neutral	27	51	1
75–5470	Washer	28	53	4
75–9550	Valve – Check	23	33	1
75–9670	Fork	81	*	2
75–9790	Arm – Pivot, Rear	73	1	2
76–1880	Segmented 10" Wheel	81	*	2
76–1940	Spring – Suspension	13	*	2
76–1960	Knob – Seat Adjustment	13	11	1
76–1970	Suspension	13	*	1
76–4120	Mount W.A. – Engine	32	23	1
76–4160	Cover – Exhaust, Manifold	33	69	1
76–4180	Boot – Brake Rod	7	15	2
76–4190	Gear – Axle	56	31	1
76–4200	Gear – Motor	56	28	1
76–4220	Mount W.A. – Engine	33	95	1
76–4230	Guide – Exhaust, Manifold	33	67	2
76–4240	Plate – Adapter	6	2	2
76–4260	Bushing	62	2	2
76–4260	Bushing	65	3	1
76–4260	Bushing – Sleeve	54	50	2
76–4270	Arm – Drag Link	65	1	1
76–4300	Lever W.A. – Throttle	15	26	1
76–4310	Support – Base, Battery	32	12	1
76–4880	Plug – Electrical	14	2	1
76–4910	Stud	46	35	3
76–4930	Washer	46	37	3
76–4940	Pulley – Pump	46	38	1
76–4950	Nut – Flange	46	39	1
76–4960	Flange	46	40	1
76–4970	Screw – Shoulder	48	1	1
76–4980	Bracket – Mounting	48	4	1
76–4990	Bolt – Slide	48	5	1
76–5000	Bolt – Adjusting	48	6	1
76–5010	Washer – Spring	48	7	1
76–5020	Washer – Flat	48	8	1
76–5030	Bracket – Slide	48	9	1
76–5040	Belt – V	48	10	1
76–5050	Alternator	48	13	1
76–5060	Screw – Cap Hex. Hd.	48	14	1
76–5070	Oil Pump Assembly	43	1	1
76–5080	Piston	43	2	1
76–5090	Spring – Piston	43	3	1
76–5100	Bolt – Shoulder	43	5	1
76–5150	Screw – Cap Hex. Hd.	43	10	1
76–5160	Screw – Cap Hex. Hd.	43	11	1
76–5170	Chain – Pump Drive	43	12	1
76–5180	Washer – Copper	20	1	4
76–5190	Fitting – Adjustable	20	2	2
76–5200	Fuel Filter Assembly	20	3	1
76–5200	Fuel Filter Assembly	19	23	1
76–5220	Element – Filter	20	5	1
76–5260	Relay – Glow Plug	50	1	1
76–5260	Relay – Glow Plug	15	15	1
76–5270	Cable – Glow Plug	50	2	4
76–5280	Plug – Glow	50	3	4
76–5290	Washer – Spring	50	4	4
76–5310	Washer – E.T.L.W.	50	7	1
76–5330	Screw – Cap Hex. Hd.	44	1	2
76–5340	Plug – Drain	44	2	2
76–5350	Gasket – Drain Plug	44	3	2
76–5360	Cover – Collector	44	5	1
76–5370	Ring – Retaining	44	6	1
76–5380	Temperature Sending Unit	44	7	1
76–5400	Switch – Temp. 105°C	44	8	1
76–5410	Gasket – Collector	44	9	1
76–5420	Housing – Collector	44	10	1
76–5430	Thermostat 81°C	44	11	1
76–5450	Gasket – Thermostat	44	12	1
76–5460	Gasket – Collector Housing	44	13	1
76–5470	Screw – Cap Hex. Hd.	44	14	2
76–5480	Gasket – Water Pump	45	1	1
76–5490	Water Pump Assembly	45	2	1
76–5500	Screw – Cap Hex. Hd.	45	3	5
76–5510	Injector – Fuel	47	1	4
76–5520	Holder – Fuel Injector	47	2	4
76–5530	Washer	47	3	4
76–5540	Bushing – Injector	47	4	4
76–5550	Gasket – Fuel Injector	47	5	4
76–5560	Fuel Injector Assembly	47	6	4
76–5570	Washer–Lock	49	2	2
76–5580	Starter	49	3	1
76–5590	Sleeve – Spring	49	4	1
76–5610	Pinion – Output	4	1	1
76–5630	Gear – Spur	4	3	1
76–5640	Gasket	4	4	1
76–5650	Washer – Thrust	4	8A	3
76–5660	Pin–Dowel	4	6	2
76–5670	Seal–Oil	4	7	2
76–5680	Shim – Orange	4	52	A/R
76–5680	Washer – Thrust	4	8	1
76–5690	Washer – Thrust	4	9	2
76–5700	Bearing–Thrust	4	10	1
76–5710	Plug–Magnetic – Drain	4	11	1
76–5720	Screw – Hex Hd.	4	12	13
76–5740	Shim – White	4	*	A/R
76–5760	Cover Assembly	4	16	1
76–5780	Gear – Spur	4	18	1
76–5820	Screw – Hex Flanged Hd.	4	22	1
76–5830	Ball – Steel	4	23	1
76–5840	Spring – Shifter Fork	4	24	1
76–5850	Seal – Oil	4	25	1
76–5860	Bearing – Needle	4	26	2
76–5870	Bearing – Needle	4	27	3
76–5890	Ring – Retaining	4	30	2
76–5900	Fork – Shift	4	35	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
76-5930	Block – Drive	4	38	2
76-5940	Pin – Drive	4	39	1
76-5950	Pinion – Bevel	4	40	2
76-5960	Carrier	4	41	1
76-5980	Screw – Hex Flanged Hd.	4	43	6
76-5990	Carrier – Differential	4	45	1
76-6000	Gear – Bevel	4	47	2
76-6010	Spacer	4	49	2
76-6010	Spacer – Transaxle	6	1	2
76-6020	Washer – Thrust	4	50	2
76-6030	Seal – Oil	4	51	1
76-6040	Plug – Pipe	4	14	2
76-6040	Plug – Pipe	3	41	1
76-6270	Foam – Panel	17	3	1
76-6300	Gerotor	11	16	1
76-6310	Screw–Cap	11	19	7
76-6320	Spacer	11	17	1
76-6330	Control Parts Assembly	11	*	1
76-6360	Strip – Seal	1	11	2
76-6361	Strip – Seal	2	57	1
76-6362	Moulding – Outer	52	19	1
76-6363	Moulding – Inner	52	9	1
76-6380	Strip – Seal Access Panel	2	50	1
76-6381	Seal – Strip	52	29	2
76-6382	Seal – Strip	52	40	2
76-6470	Strip – Seal, Hood Front	1	17	1
76-6500	Base – Battery	32	9	1
76-6570	Washer – Thrust	56	15	2
76-6570	Washer – Thrust	54	51	2
76-6580	Motor – Hydraulic	56	23	1
76-6600	Pipe – Stand	19	4	1
76-6610	Clevis – Brake	7	17	2
76-6800	Chamber	52	10	1
76-6910	Rotating Assembly	60	14	1
76-6920	Back Plate Assembly	60	2	1
76-6930	Shaft – Drive	60	12	1
76-6940	Housing Assembly	60	6	1
76-6950	Race – Thrust	60	9	1
76-6960	Bearing – Thrust	60	10	1
76-6970	Insert – Camplate	60	5	1
76-6980	O–Ring	60	3	1
76-6990	Screw – Cap, Hex. Hd.	60	1	6
76-7000	Ring – Retaining	60	8	2
76-7010	Ring – Retaining	60	13	1
76-7020	Spacer	60	11	1
76-7040	Pad – Foot	17	38	1
76-7090	Cover – Front, Control	17	2	1
76-7100	Housing – Axle A	62	1	1
76-7110	Plug	62	5	1
76-7110	Plug	64	26	4
76-7120	Seal – Washer	62	6	1
76-7120	Seal – Washer	64	27	4
76-7130	Housing – Axle B	62	3	1
76-7140	Plug	62	9	1
76-7150	Bolt	62	4	8
76-7150	Bolt	61	5	3
76-7160	Gear Case Assembly	63	*	1
76-7170	Case – Differential	63	3	1
76-7180	Pinion – Mate	63	10	2
76-7190	Gear – Side	63	9	2
76-7200	Shaft – Pinion	63	4	1
76-7210	Washer – Thrust	63	11	2
76-7220	Washer – Thrust	63	8	2
76-7230	Washer – Lock	63	5	4
76-7240	Ring – Gear	63	2	1
76-7250	Shaft – Drive	63	1	1
76-7260	Bolt	63	6	8
76-7270	Pin – Spring	63	7	1
76-7280	Bearing	63	12	2
76-7290	Shim – 0.1 mm	63	13	A/R
76-7300	Shim – 0.2 mm	63	*	A/R
76-7310	Shim – 0.3 mm	63	*	A/R
76-7320	Sleeve	61	4	1
76-7330	Bearing	61	11	1
76-7340	Seal – Oil	61	6	1
76-7350	Bushing	61	7	1
76-7360	O–Ring	61	10	1
76-7370	Bearing	61	1	1
76-7380	Washer	61	8	1
76-7390	Nut – Lock	61	9	1
76-7400	O–Ring	61	2	2
76-7410	Shim – 0.1 mm	61	3	A/R
76-7420	Shim – 0.2 mm	61	*	A/R
76-7430	Shim – 0.4 mm	61	*	A/R
76-7450	Bolt – Stud	61	14	1
76-7460	Washer	61	13	1
76-7470	Pipe	62	8	1
76-7480	Plug – Vent	62	7	1
76-7490	Shaft – Differential	63	14	2
76-7500	Bearing	63	15	4
76-7510	Pinion – 14T	64	10	2
76-7510	Pinion – 14T	63	17	2
76-7520	Shim – 0.1 mm	63	16	A/R
76-7530	Shim – 0.2 mm	63	*	A/R
76-7540	Shim – 0.4 mm	63	*	A/R
76-7550	Ring – Retaining	63	18	2
76-7560	Case – Gear	64	1	2
76-7580	Seal – O–Ring	63	19	4
76-7590	Spacer	63	20	2
76-7600	Bolt – Reamer	63	21	2
76-7610	Bolt	63	23	6
76-7620	Washer – Lock	63	22	6
76-7630	Holder – 20 mm R.H.	64	*	1
76-7640	Bolt	64	5	8
76-7640	Bolt	64	28	20
76-7650	Shaft – Final Drive	64	2	2
76-7660	Holder – 25 mm L.H.	64	4	1
76-7670	Bearing	64	3	4
76-7680	Case – Final Drive	64	8	2
76-7690	Nut	61	15	1
76-7700	Shim – 0.8 mm	65	25	A/R
76-7710	Bolt	65	8	2
76-7720	Nut	65	9	4
76-7730	Bushing	64	7	2
76-7740	Seal – Oil	64	6	2
76-7750	Pinion – 15T	64	11	2
76-7760	Shim – 1.0 mm	65	*	A/R
76-7770	Cover	64	9	2
76-7780	Shim – 1.2 mm	65	*	A/R
76-7790	Shim – 1.4 mm	65	*	A/R
76-7810	Holder – Bearing	64	19	2
76-7820	Shim – 1.0 mm	65	5	A/R

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
76–7830	Shaft – Wheel	64	21	2
76–7840	Gear – Bevel	64	13	2
76–7850	Bearing	64	12	2
76–7860	Bearing	64	18	2
76–7870	Seal – Oil	64	20	2
76–7880	Spacer	64	15	2
76–7890	Shim – 0.15 mm	64	14	A/R
76–7900	Shim – 0.2 mm	64	*	A/R
76–7910	Shim – 0.4 mm	64	*	A/R
76–7920	Ring – Retaining	64	16	2
76–7930	Ring – Retaining	64	17	2
76–7940	Arm – Tie Rod	65	2	1
76–7950	Bushing	65	4	1
76–7960	Fitting – Grease	65	21	2
76–7960	Fitting – Grease	64	30	2
76–7970	Shim – 1.4 mm	65	*	A/R
76–7980	Shim – 1.2 mm	65	*	A/R
76–7990	Shim – .08 mm	65	*	A/R
76–8000	Bolt	65	6	4
76–8010	Washer	65	7	2
76–8020	Rod – Tie	65	22	1
76–8030	Rod End – L.H.	65	10	1
76–8040	Nut – L.H.	65	24	1
76–8050	Rod End – R.H.	65	16	1
76–8060	Nut – R.H.	65	23	1
76–8140	Bracket W.A. – Steering	9	7	1
76–8150	Support – Shaft, Steering	10	58	1
76–8160	Support – Steering	9	8	1
76–8200	Assy. – Hose	56	7	1
76–8270	Pin – Brake	7	14	2
76–8290	Shroud – Lower R.H.	1	9	1
76–8300	Cover – Housing, Axle	6	8	2
76–8340	Shaft – Pivot, Steering	10	57	1
76–8350	Stop – Axle	56	8	2
76–8430	Support – Hood, Front	2	39	1
76–8440	Boot – Throttle	15	16	1
76–8450	Boot – Lift Lever	15	3	1
76–8640	Stud – Traction	27	50	1
76–8720	Panel – Tower	9	23	1
76–8750	Plate – Caution	52	4	1
76–8770	Decal – Caution	51	10	1
76–8770	Decal – Caution	33	78	1
76–8780	Decal – Fuel	19	12	1
76–8830	Arm – Brake Linkage	8	24	2
76–8870	Assy. – Damper, Lever	27	3	1
76–8890	Pedal – Brake L.H.	8	21	1
76–8930	Brake Pedal Assembly R.H.	8	23	1
76–8950	Harness – Wire (Lamp)	16	*	1
76–8990	Bolt – Cylinder	53	40	1
76–9030	Bearing Housing Assembly	8	30	1
76–9050	Rod – Brake, Parking	9	42	1
76–9060	Gauge – Temperature	16	9	1
76–9100	Spacer	3	2	2
76–9100	Spacer	9	22	1
76–9160	Bracket – Hood, Pivot L.H.	2	43	1
76–9170	Bracket – Hood, Pivot R.H.	2	*	1
76–9190	Rod – Seat Spring	12	16	1
76–9290	Bracket – Bulkhead	56	3	1
76–9300	Fender L.H.	2	49	1
76–9340	Fender R.H.	2	*	1
76–9370	Bar – R.O.P.S.	71	4	1
76–9430	Spring – Extension	27	12	1
76–9440	Rod – Seat Prop	12	9	1
76–9450	Boot – Column, Steering	9	29	1
76–9460	Plate W. A. – Seat	12	3	1
76–9480	Sleeve – Pivot, Seal	12	35	2
76–9540	Hose – Hydraulic	52	22	2
76–9590	Assy. Hose	56	10	1
76–9680	Bearing Housing Assembly	8	18	1
76–9690	Rod – Brake	7	3	2
76–9690	Rod – Brake Linkage	8	4	2
76–9700	Cover – Tower	1	2	1
76–9720	Shaft – Brake	8	26	1
76–9760	Pivot – Damper	28	63	1
76–9780	Decal – 4 Matic	16	1	1
76–9790	Foam – Fuel Tank	19	2	1
76–9930	Foam – Seat Plate Rear	12	7	1
76–9950	Bracket – Ring	23	43	4
76–9970	Valve – 4 WD	31	22	1
77–0950	Washer	85	45	2
77–3250	Washer	48	16	1
77–3260	Washer	48	15	1
77–3270	Manifold – Intake	42	4	1
77–3280	Screw	42	2	5
77–3290	Screw	42	3	4
77–3300	Stud	42	7	6
77–3310	Gasket	42	6	2
77–3320	Nut – Hex	42	9	6
77–3320	Nut – Lock	33	80	2
77–3340	Manifold – Exhaust	42	11	1
77–3360	Screw	40	20	3
77–3370	Screw	40	23	1
77–3380	Pulley	40	21	1
77–3390	Support	40	22	1
77–3400	Camshaft	40	5	1
77–3410	Key	40	4	1
77–3420	Gasket	40	3	2
77–3430	Belt	40	18	1
77–3440	Screw	40	1	2
77–3450	Washer	40	2	2
77–3460	Screw	40	6	1
77–3500	Roller Assembly	40	14	1
77–3510	Spring	40	13	1
77–3520	Cup	40	12	1
77–3540	Roller Assembly	40	8	1
77–3550	Box – Degassing	32	51	1
77–3560	Cap	33	55	1
77–3570	Shield	41	15	1
77–3580	Shield	41	14	1
77–3590	Shield	41	2	1
77–3600	Shield – Adapter	33	98	1
77–3620	Retainer – Cover	1	7	2
77–3620	Retainer – Cover	52	15	4
77–3620	Retainer – Cover	16	22	2
77–3640	Bearing	5	12	1
77–3700	Gasket – Muffler, Exhaust	33	88	1
77–3780	Pin – Lynch	12	4	1
77–3790	Plug – Drain	34	26	1
77–3800	Shield	41	6	1
77–3810	Shield	41	8	1
77–3820	Support – Shield	41	11	1
77–3830	Clip	41	3	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
77-3840	Grommet	41	4	1
77-3850	Ring – Snap	41	16	1
77-3860	Nut – Lock	41	13	1
77-3870	Washer – Flat	41	12	1
77-3880	Bracket – Air Cleaner	33	89	1
77-3890	Bracket – Cable, Hood	32	42	1
77-3890	Bracket – Hood Cable	39	37	1
77-3900	Screw – Cap Hex. Hd.	32	48	1
77-3970	Spacer – Relay	15	13	1
77-4000	Shim Set	63	*	1
77-4010	Shim Set	61	*	1
77-4020	Shim Set	63	*	1
77-4030	Shim Set	64	*	1
77-4040	Shim Set	65	*	1
77-4050	Shim Set	65	*	1
77-4200	Harness – Wire Relay	14	10	1
77-4200	Harness – Wire Relay	19	37	1
77-4260	Link – Shift	3	6	1
78-8350	Stop – Axle	53	12	2
80-7730	Spacer	28	65	3
80-8660	Spacer	54	57	1
80-8660	Spacer	57	59	1
82-3600	Shroud – Lower, L.H.	2	45	1
82-3630	Foam – Screen L.H.	52	17	1
82-3640	Foam – Screen R.H.	52	12	1
82-3650	Foam – Screen Top	52	13	1
82-3660	Bracket – Cover	19	39	1
82-3700	Reservoir – Hydraulic	23	4	1
82-3730	Screen – Radiator	52	16	1
82-3740	Oil Cooler Assembly	52	11	1
82-3750	Cover – Console	16	21	1
82-4900	Foam – Seat Front	12	8	1
82-4950	Plunger – Spring	9	14	1
82-4960	Pad – Brake	8	15	2
82-4970	Ring – Retaining	5	17	1
82-4990	Housing – Fixed	5	9	1
82-5030	Arm – Traction Linkage	8	13	1
82-5180	Control W.A. – Pump	27	20	1
82-5190	Shaft – Traction Pedal	8	8	1
82-5240	Plate – Pivot	28	61	1
82-5280	Shaft – Pivot	27	28	1
82-5300	Support – Heel	17	39	1
82-5370	Foam – R.O.P.S. Bar	70	7	2
82-5380	Shim – Pinion .045	3	39	1
82-5390	Shim – Pinion .038	3	*	1
82-5400	Shim – Pinion .052	3	*	1
83-1640	Assembly – Rod End	87	2	1
83-2280	Timer – Delay	15	6	1
84-0080	Spiral Gear Set (Matched)	4	*	1
84-0090	Shim – Blue	4	*	A/R
84-0130	Shim – Pink	4	*	A/R
84-0140	Shim – Brown	4	*	A/R
84-0170	Pulley – P.T.O.	27	44	1
84-0180	Pulley – Lower	25	17	1
84-0210	Gasket – End Cap	30	14	1
84-0240	Housing – Pump	30	33	1
84-0250	Swash Plate – Variable	30	36	1
84-0260	Bearing – Roller	30	21	4
84-0270	Spacer – Trunnion	30	19	4
84-0280	Plate – Valve R.H.	30	39	1
84-0300	Shaft – Pump	30	26	1
84-0310	Bearing – Ball	30	27	1
84-0320	Ring – Retaining	30	28	1
84-0330	Screw – Cap Hex. Hd.	30	25	8
84-0360	Washer	30	24	8
84-0380	Ring – Retaining Internal	30	32	2
84-0400	Seal – Lip	30	29	1
84-0410	Carrier – Seal	30	30	1
84-0430	O-Ring	30	18	4
84-0440	Cover – Trunnion	30	17	2
84-0450	Cover – Trunnion	30	35	1
84-0460	Screw	30	16	8
84-0470	Seal – Lip	30	34	2
84-0480	Poppet – Charge Relief	30	8	1
84-0490	Spring – Compression	30	9	1
84-0500	Assy. – Charge Relief Plug	30	12	1
84-0550	Ring – Retaining	30	6	2
84-0570	Shim – Trunnion Kit	30	20	4
84-0680	Link – Shift	9	30	1
84-0690	Rod – Shift	3	5	1
84-0700	Rod W.A. – Shift	3	11	1
84-0720	Valve – Velocity	31	29	1
84-0730	Arm – Lift, L.H.	66	20	1
84-0740	Housing – Bearing, Lower	25	14	1
84-0750	Housing – Bearing	27	32	1
84-0760	Adapter – Pump to Engine	32	28	1
84-0780	Pulley	77	4	1
84-0780	Pulley	78	6	1
84-0800	Arm – Pivot	84	6	4
84-0910	Spacer	80	1	4
84-0910	Spacer	72	2	6
84-0910	Spacer – Bearing	74	14	6
84-0910	Spacer – Pulley	82	7	8
84-0930	Pulley – Half	74	20	2
84-0940	Assy. – Brake Linkage Arm	7	1	1
84-0970	Assy. – Brake Linkage Arm	7	11	1
84-0990	Pin – Pivot	7	20	2
84-1030	Driveshaft	27	43	1
84-1080	Frame Assembly	1	6	1
84-1170	Plate – Axle, Pivot	53	15	2
84-1170	Plate – Axle	56	12	2
84-1320	Shaft – P.T.O.	25	5	1
84-1330	Hub – Splined	27	41	1
84-1350	Pin – Pivot	84	3	2
84-1350	Pin – Pivot W.A.	66	8	2
84-1380	Anchor – Spring	27	10	1
84-1410	Adapter – Clutch	25	13	1
84-1440	Plate – Adapter	33	96	1
84-1450	Key	25	18	1
84-1450	Panel – Gauge	16	2	1
84-1460	Decal – Groundsmaster 455D	1	29	2
84-1470	Decal – Safety	8	42	1
84-1480	Hose – Dampener	27	13	1
84-1490	Latch – Lockup	2	54	2
84-1500	Bracket W.A. – Neutral	28	60	1
84-1550	Mount – Rubber	83	2	4
84-1550	Mount – Rubber	25	22	5
84-1560	Washer – Thrust	25	26	3
84-1570	Spacer	71	1	2
84-1570	Spacer	25	21	1
84-1580	Washer – Clutch	25	38	1
84-1590	U-Bolt	6	23	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
84–1600	Bracket – Support, Trans.	3	13	1
84–1610	Support – Rod, Shift	3	10	1
84–1620	Plate – Support, Axle	6	10	2
84–5300	Nut	85	11	4
84–5300	Nut – Jam	87	3	2
84–6402	Orifice	17	26	1
84–6410	Decal – Danger	74	4	1
84–6410	Decal – Danger	80	21	1
85–4980	Switch – Toggle	16	17	1
85–6420	Wheel – 10"	81	*	2
86–0010	Blade – 19"	76	11	1
86–0010	Blade – 19"	77	11	1
86–0010	Blade – 19"	78	13	1
86–0020	Assembly – Wheel, Castor	73	3	2
86–0020	Wheel – 8"	81	7	2
86–0050	Screw – Adjusting	72	9	3
86–0060	Sleeve – Tube	72	4	6
86–0070	Spring – Compression	72	5	2
86–0080	Spring – Compression	72	*	1
86–0690	Spacer	86	3	3
86–0700	Decal	74	8	1
86–0710	Decal – H.O.C. Wing, L.H.	80	18	1
86–0720	Decal – HOC, LH	85	24	1
86–0730	Decal – HOC, RH	85	8	1
86–0740	Decal – Belt	85	31	1
86–0750	Decal – Belt, L.H.	80	12	1
86–0760	Decal	74	22	1
86–0770	Decal – Quadfloat	75	6	1
86–0780	Decal – HOC	85	36	1
86–0790	Button – Guard	75	2	8
86–1150	Yoke – End	89	1	2
86–1160	Kit – Universal	89	2	2
86–1170	Shaft – Slip Yoke	89	3	1
86–1180	Tube – Slip Yoke	89	4	1
86–1410	Pulley – Gearbox 6.50 Dia.	83	16	1
86–1420	Hose – Hydraulic	86	21	1
86–1440	Washer – Lock	84	11	8
86–1480	Washer	76	3	1
86–1480	Washer	77	3	1
86–1480	Washer	78	18	1
86–1490	Rod End – LH Thread	82	23	2
86–1530	Door W.A. – Trap, LH	82	30	1
86–1550	Rod End – RH Thread	82	27	2
86–1560	Spacer	82	20	2
86–1570	Rod – Threaded	82	25	2
86–1590	Door W.A. – Trap, RH	82	*	1
86–1650	Plate – Duct, Air	1	26	1
86–1690	Foam – Intake, Air	1	27	1
86–1700	Pulley	76	4	1
86–1710	Assembly – Clutch, Elect.	78	3	1
86–1730	Drive Shaft	83	10	1
86–1740	Spacer	78	5	1
86–1790	Yoke W.A. – Pulley	72	10	3
86–1820	Bracket – Pulley	82	12	1
86–1830	Cover – Drive Shaft	83	11	1
86–1840	Cover – Right Hand	75	5	1
86–1850	Cover – Left Hand	75	17	1
86–1860	Cover – Center	75	7	1
86–1870	Cover – Center, Right Hand	75	8	1
86–1880	Cover – Center, Left Hand	75	16	1
86–1890	Hinge	75	10	4
86–1890	Hinge	85	25	2
86–1900	Plate – Hinge	75	3	4
86–1910	Harness – Wire, Deck	14	9	1
86–1910	Wire Harness	83	13	1
86–1920	Spring – Torsion	75	11	4
86–1960	V–Belt	80	15	1
86–1960	V–Belt	74	18	1
86–1970	V–Belt	83	1	1
86–1990	Washer	83	4	6
86–1990	Washer	25	42	4
86–2000	Bolt – Thin Head	72	11	3
86–2010	Pin – H.O.C. Pivot	74	9	1
86–2010	Pin – H.O.C., Wing	80	17	1
86–2020	Support – Gear Box	83	3	1
86–2070	Nut	84	9	4
86–2080	Ball Joint	84	10	4
86–2090	Bushing	84	18	6
86–2120	Roller	84	19	4
86–2130	Pin – Clevis	84	21	2
86–2140	Pin – Clevis	84	20	6
86–2150	Lock W.A.	84	17	2
86–2180	Bushing	84	22	4
86–2190	Assembly – Cylinder	87	*	1
86–2190	Cylinder – Hydraulic	85	14	2
86–2200	Foam – Hood, Rear	1	28	1
86–2210	Foam – Hood, Top Right	1	22	1
86–2220	Foam – Hood, Top Left	1	25	1
86–2230	Cover – Guide, RH	85	9	1
86–2260	Cover – Guide, LH	85	*	1
86–2280	Frame – Carrier, RH	85	20	1
86–2320	Frame – Carrier, LH	85	23	1
86–2340	Shaft – Spindle	76	9	1
86–2340	Shaft – Spindle	77	9	1
86–2360	Shaft – Spindle	78	11	1
86–2380	Strap – Deck H.O.C.	85	19	2
86–2390	Pin – HOC	85	26	2
86–2400	Latch – Arm	82	17	2
86–2410	Fork	81	4	2
86–2440	Assembly – Hose	86	17	2
86–2450	Assembly – Hose	86	18	2
86–2460	Assembly – Hose	86	7	2
86–2470	Assembly – Tube	86	5	1
86–2480	Assembly – Tube	86	2	1
86–2490	Assembly – Tube	86	4	1
86–2500	Orifice	67	14	2
86–2501	Orifice	17	22	2
86–2510	Spring	85	10	2
86–2520	Foam – Hood, Right Rear	1	24	1
86–2530	Foam – Hood, Left Rear	2	30	1
86–2540	Ball Joint	85	12	2
86–2560	Spring	85	13	2
86–2590	Rod – Clutch	82	4	2
86–2600	Washer	82	21	2
86–2600	Washer – Guide , Belt	80	8	2
86–2600	Washer – Guide, Belt	74	11	4
86–2610	Assembly – Rod End	87	15	1
86–2610	Ball Joint	85	16	2
86–2630	Spring – Compression	86	13	2
86–2640	Assembly – Tube, Cylinder	87	20	2
86–2650	Support – Spring	84	14	2
86–2660	Stop – Cover	75	14	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
86–2670	Decal – Pulley Adjustment	72	6	1
86–2680	Switch	84	24	2
86–2710	Assembly – Hose, Rear Motor	31	26	1
86–2730	Hose – Hydraulic	56	14	1
86–2770	Assembly – Tube, Traction	31	24	1
86–2790	Pin – Pivot, L.H.	66	17	1
86–2800	Hose – Suction	23	26	1
86–2820	Assembly – Wheel	54	*	1
86–2830	Plate W.A. – Adapter, Main	27	46	1
86–2890	Assy. – Hose, Traction R.H.	3	30	1
86–2900	Assy. – Hose, Traction L.H.	3	29	1
86–2910	Assembly – Hose	31	25	1
86–2920	Assy. – Hose, Traction R.H.	3	*	1
86–2930	Plate – Clutch	25	34	1
86–2990	Mount – Cable, Throttle	32	33	2
86–3000	Assembly – Head, Filter	23	15	1
86–3010	Filter – Transmission	23	16	1
86–3020	Wire – Neutral, Switch	27	23	1
86–3030	Cover – Wire	25	25	1
86–3040	Coupling – Rubber	27	39	2
86–3040	Flange – Rubber	25	40	1
86–3090	Gear Box	83	9	1
86–3100	Pulley – Gearbox 7.50 Dia.	83	*	1
86–3120	Hose – Hydraulic Cap End	53	8	1
86–3130	Hose – Hydraulic Rod End	53	7	1
86–3140	Hose – Hydraulic	56	6	1
86–3150	Assembly – Hose	31	39	1
86–3150	Assembly – Hose	23	38	1
86–3160	Assembly – Hose	66	7	1
86–3170	Assembly – Hose	66	15	1
86–3180	Assembly – Hose	17	24	1
86–3190	Assembly – Hose	17	23	2
86–3210	Assembly – Hose	9	51	1
86–3220	Assembly – Hose	9	2	1
86–3230	Assembly – Hose	17	32	1
86–3240	Assembly – Hose	17	18	1
86–5410	Panel – Console	15	17	1
86–5420	Spacer – Rod, Shift	3	8	1
86–5430	Plate – Skid	6	25	1
86–5440	Valve – Relief, Dual	17	36	1
86–5450	Coupler – Hydraulic	66	24	3
86–5460	Nipple – Coupler	86	11	3
86–5470	Harness – Front	14	1	1
86–5470	Harness – Wire	25	9	1
86–5470	Harness – Wire	9	52	1
86–5480	Nipple – Test	31	32	2
86–5500	Assembly – Hose	23	20	1
86–5500	Assembly – Hose	31	38	1
86–5570	Assembly – Hose	9	1	1
86–5580	Cylinder – Hydraulic	66	1	2
86–5590	Assembly – Pump	27	7	1
86–5600	Assy. – Pump, Gear	27	5	1
86–5600	Gear Pump Assembly	29	*	1
86–5610	Clutch	25	37	1
86–5620	Bearing	25	4	1
86–5630	Motor – Fixed Displacement	3	37	1
86–5650	Pipe – Exhaust	33	84	1
86–5720	Assy. – Tube, Steering	9	45	1
86–5730	Assy. – Tube, R.H. Front	9	43	1
86–5740	Assy. – Tube, L.H. Front	9	44	1
86–5750	Assy. – Tube, Drain	3	23	1
86–5760	Assy. – Tube, Deck Return	17	33	1
86–5770	Assy. Tube, Relief Valve	17	28	1
86–5780	Assy –. Tube, RH Rear	57	52	1
86–5780	Tube – Hydraulic L.H.	53	2	1
86–5790	Assy. – Tube, LH Rear	57	51	1
86–5790	Tube – Hydraulic R.H.	53	3	1
86–5800	Assembly – Tube	52	32	1
86–5800	Assy. – Tube, Oil Cooler Rear	23	37	1
86–5820	Harness – Wire, Main	14	6	1
86–5820	Harness – Wire, Main	25	31	1
86–5830	Spring – Compression	7	5	2
86–5840	Plate – Spring	7	4	2
86–5860	Nipple	23	18	1
86–5860	Nipple	3	35	2
86–5890	Arm – Lift, R.H.	66	22	1
86–5900	Tire	6	14	2
86–5910	Tire	53	29	2
86–5910	Tire	56	37	2
86–5920	Decal – Service, 4WD	17	*	1
86–5930	Decal – Service, 2WD	17	37	1
86–5940	Spacer – Bearing	27	33	1
86–7470	Diode	14	7	1
86–8100	Ball – Joint	85	6	2
88–1140	Spacer – Bearing, Lower	25	15	1
88–1150	Spacer – Clutch	25	33	1
88–1160	Rod – Traction Linkage	8	11	1
88–1170	Belt – Matched Set	25	19	1
88–1190	Pin – Pivot W.A.	66	16	2
88–1200	Pin – Pivot, R.H.	66	*	1
88–1210	Weight W.A. – Rear	52	36	1
88–1220	Plate	71	2	2
88–1220	Weight – Rear	52	35	11
88–1250	Hydraulic Cylinder Assy.	53	42	1
88–1260	Transaxle – 2 Speed	3	17	1
88–1270	Decal – Safety Std.	85	44	1
88–1280	Cover – Belt, Lower	25	35	1
88–1290	Bracket – Rod, Seat	31	16	1
88–1320	Fitting – Hydraulic 90°	31	7	1
88–1360	Washer	52	34	2
88–1360	Washer – Weight, Rear	71	3	2
88–1370	Plate – Brake	26	3	1
88–1380	Fitting – Adapter	17	20	3
88–1420	Spring – Compression	12	27	1
88–1430	Nut – Lock, Bearing	27	48	1
88–1440	Washer – Lock	27	47	1
88–1450	Nut – Lock, Bearing	25	30	1
88–1460	Washer – Lock	25	32	1
88–1470	Plate – Control, Pump	27	22	1
88–1490	Holder – Foam	33	77	1
88–1500	Foam – Firewall	1	20	1
88–1510	Screw – Special	25	23	5
88–1520	Cartridge – Relief	17	41	1
88–1530	Cartridge – Relief	17	42	1
88–1560	Housing – Axle	6	11	1
88–1570	Axle – Splined	6	27	2
88–1580	Seal – Ring	6	20	2
88–1590	Bearing – Ball	6	22	2
88–1600	Washer – Belleville	6	28	2
88–1610	Assembly – Field Rotor	26	8	1
88–1620	Assembly – Armature	26	5	1
88–3510	Ring – Back–Up	67	8	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
88-3520	O-Ring	67	10	1
88-3530	O-Ring	67	9	1
88-3540	O-Ring	67	7	1
88-3550	Ring - Back-Up	67	6	1
88-3560	Ring - Wear	67	12	1
88-3570	U-Cup - Loaded	67	4	1
88-3580	Wiper - Rod	67	3	1
88-3590	Nut - Lock	67	14	1
88-3600	Piston	67	13	1
88-3610	Assembly - Barrel	67	15	1
88-3620	Assembly - Rod	67	1	1
88-3630	Head	67	5	1
88-3640	Kit - Seal	67	*	1
88-3650	Ring - Piston, Unithane	67	11	1
88-3660	Rod-Piston	55	9	1
88-3670	Piston	55	3	1
88-3680	Gland	55	7	1
88-3690	Nut-Lock	55	2	1
88-3700	U-Cup	55	11	1
88-3720	Seal Kit	55	*	1
88-3720	Wiper	55	8	1
88-3730	Body Assembly	29	14	1
88-3740	Idler Gear Assembly	29	2	1
88-3750	Drive Gear Assembly	29	3	1
88-3760	Cap Screw	29	4	8
88-3770	Spring	29	21	1
92-0600	Kit - Seal	87	*	1
92-0601	Piston	87	12	1
92-0602	Assembly - Barrel	87	14	1
92-0603	Rod	87	5	1
92-0604	Head - Ring, Retaining	87	7	1
92-0605	Housing	88	5	1
92-0606	Key	88	9	1
92-0607	Gear - RH	88	10	1
92-0608	Cap - Thru	88	14	1
92-0609	Seal	88	13	1
92-0610	Cone - Bearing	88	11	1
92-0611	Cup - Bearing	88	12	1
92-0612	Nut - Lock	88	23	1
92-0613	Washer - Lock	88	22	1
92-0614	Shaft - Pinion	88	19	1
92-0615	Seal	88	18	1
92-0616	Cone - Bearing	88	15	1
92-0617	Cup - Bearing	88	16	2
92-0618	Hub	88	17	1
92-0619	Gear - LH	88	21	1
92-0620	Shaft - Thru	88	8	1
92-0621	Deck W.A. - Center	85	32	1
92-0622	Deck - Wing, L.H.	80	20	1
92-0623	Deck W.A. - Wing, R.H.	74	3	1
92-0624	Pulley - Half	82	9	2
92-0624	Pulley - V-Idler	80	4	2
92-0625	Pulley - Idler	74	5	2
92-0625	Pulley - Idler	80	9	1
92-0625	Pulley - Idler	72	13	3
92-0625	Pulley - Idler	82	22	2
92-0626	Assembly - Tube W.A.	72	7	3
92-0627	Armature & Pulley Assy.	79	5	1
92-0628	Spring	84	27	2
92-0629	Boot	84	28	2
92-0630	Nut	84	26	2
92-0631	Washer	84	25	2
92-0636	Shaft Assembly	5	3	1
92-0639	Case Assembly	4	15	1
92-0640	Bearing - Needle	4	28	1
92-0641	Shaft - Counter	4	20	1
92-0642	Gear - Output	4	17	1
92-0643	Gear - Ring	4	37	1
92-0644	Gear - Cluster	4	19	1
92-0645	Shaft & Gear - Shifter	4	21	1
92-0646	Bearing - Ball	4	42	2
92-0647	Rod - Shift (High-Low)	4	36	1
92-1351	Plug - Pulley	28	66	1
92-1352	Plug	30	42	3
92-1353	Shim	30	10	1
92-1354	Cap - End	30	1	1
92-1355	Plug - Special	30	2	2
92-1356	Valve - Screw 415BAR	30	7	2
92-1357	Pin	30	53	1
92-1358	Coupling	30	41	1
92-1360	Bracket - Muffler	33	79	1
92-1364	Guide - Switch, Pin	3	46	1
92-1365	Plunger - Switch	3	47	1
92-1366	Spring - Compression	3	51	1
217-124	Rim	6	15	2
217-125	Rim	53	31	2
217-125	Rim	56	38	2
218-446	Washer - Lock	16	3	1
218-447	Nut - Hex.	16	4	1
218-461	Nut - Hex	12	15	2
218-573	Fuse - 5A	15	21	2
218-581	Fuse - 15A	15	*	1
218-591	Coil Assembly	58	6	1
218-592	Nut - Coil	58	7	1
218-593	Fuse - 30A	15	*	1
219-17	Bulb - Warning Light	16	*	4
2112-9	Clamp - Muffler	33	83	1
232-27	Stem - Valve	6	16	2
232-27	Stem - Valve	53	30	2
232-77	Stem - Valve	56	39	2
233-17	Knob	9	24	1
233-39	Knob - Throttle	15	1	1
233-42	Knob	17	13	3
237-7	O-Ring	12	23	1
237-21	O-Ring	17	21	3
237-21	O-Ring	66	6	6
237-22	O-Ring	9	3	10
237-22	O-Ring	31	5	5
237-22	O-Ring	87	10	9
237-22	O-Ring	17	17	2
237-22	O-Ring	23	28	1
237-22	Seal - O-Ring	56	2	6
237-22	Seal - O-Ring	53	4	4
237-30	O-Ring	3	48	1
237-30	O-Ring	31	8	3
237-30	O-Ring	12	18	1
237-30	O-Ring	23	32	4
237-30	O-Ring	17	34	3
237-40	O-Ring	3	24	1
237-42	O-Ring	17	5	7
237-42	O-Ring	86	8	14
237-42	O-Ring	56	42	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
237-65	O-Ring	31	2	8
237-65	O-Ring	56	11	9
237-65	O-Ring	23	13	5
237-65	O-Ring	52	23	6
237-65	O-Ring	3	33	2
237-65	Seal - O-Ring	5	5	1
237-78	O-Ring	66	3	4
237-78	O-Ring	57	47	2
237-78	Seal - O-Ring	54	43	2
237-79	O-Ring	17	4	4
237-79	O-Ring	9	5	4
237-79	O-Ring	31	14	6
237-79	O-Ring	66	23	3
237-79	O-Ring	3	28	3
237-79	O-Ring	23	34	3
237-80	O-Ring	58	2	2
237-80	O-Ring	31	4	6
237-80	O-Ring	30	23	3
237-80	O-Ring	23	30	3
237-81	O-Ring	23	5	3
237-81	O-Ring	56	22	2
237-136	Grommet	12	24	2
237-141	Grommet - Rubber	82	2	4
237-146	O-Ring	31	36	1
237-161	O-Ring	27	6	1
237-166	O-Ring	56	21	1
237-166	O-Ring	56	26	1
237-167	O-Ring	3	27	1
237-167	O-Ring	29	25	1
240-6	Grommet	19	18	3
241-64	Plug - Dome	9	34	2
241-119	Cap - Dust	6	18	2
241-119	Cap - Hub	53	32	2
242-34	Stud - Axle	6	12	10
242-50	Nut - Lug	53	35	10
249-49	Ring	24	48	1
2411-36	Eye - Rod	8	2	3
2411-36	Rod - End	3	3	1
2411-36	Rod End	7	9	2
2411-36	Rod End	9	21	1
2411-36	Rod End	27	27	1
2411-45	Joint - Ball R.H.	54	*	1
2411-46	Joint - Ball L.H.	54	46	1
2412-3	Clamp	32	32	2
2412-3	Clamp - Hose	52	43	2
2412-32	Clip - Conduit	15	23	1
2412-34	Clamp - Hose	23	27	1
2412-34	Clamp - Hose	31	34	1
2412-39	R-Clamp	15	27	1
2412-74	Clamp	12	14	1
2412-74	Clamp - R	31	11	1
2412-74	Clamp - R	56	20	1
2412-74	Clamp - R	9	49	1
2412-96	Clamp-R	33	59	1
2412-104	Clamp-R	33	73	1
2412-108	Clamp	32	35	3
2412-108	Clamp - Hose	19	5	7
2412-108	Clamp - Hose	24	47	1
2412-108	Clamp - Hose	52	49	1
2412-109	Clamp-J	25	10	2
2412-119	Clamp	33	56	3
2412-119	Clamp - Hose	38	15	4
2412-122	Clamp Assembly	54	48	2
2412-123	Tie Rod Assembly	54	49	1
2412-125	Clamp - Hose	32	38	1
2412-129	Clamp - Hose	34	8	4
2412-129	Clamp - Hose	32	39	9
2412-130	Clamp - Hose	33	91	1
2412-133	Clamp - R	12	2	2
2412-137	R-Clamp	66	11	1
2412-138	Clamp-R	83	14	1
251-259	Bearing - Ball	27	29	2
251-310	Bearing - Ball	25	16	2
251-314	Bearing	27	45	2
251-321	Bearing - Castor	81	1	4
251-321	Bearing - Castor	73	2	4
251-332	Spacer - Bearing	73	5	2
251-332	Spacer - Bearing	81	6	2
253-43	Seal - Grease	27	40	1
253-129	Seal - Inner	53	25	2
253-154	Seal - Oil	76	5	2
253-154	Seal - Oil	77	5	2
253-154	Seal - Wave	78	7	2
254-72	Cup - Bearing	53	27	4
254-78	Cone - Bearing	88	4	1
254-94	Cone - Bearing	53	26	4
256-10	Bushing - Flange	1	4	2
256-10	Bushing - Flange	8	22	4
256-90	Bushing - Flange	8	19	1
256-113	Bushing	27	52	2
256-237	Bushing - Sleeve	1	5	1
256-243	Bushing	82	31	2
283-2	Pin - Clevis	7	16	2
283-58	Pin - Clevis	1	23	1
283-58	Pin - Clevis	32	45	1
285-22	Plug - Pipe	19	27	1
289-44	Nipple - Pipe	3	20	1
289-50	Nipple - Pipe	3	18	1
2811-1	Fitting - 45° Elbow	52	42	1
2812-1	Fitting - Reducing Bushing	19	26	1
2812-11	Bushing - Reducer	3	16	1
2813-14	Elbow - Pipe 90°	3	19	1
302-2	Fitting - Grease	76	1	1
302-2	Fitting - Grease	77	1	1
302-2	Fitting - Grease	8	20	1
302-2	Fitting - Grease	85	40	1
302-2	Fitting - Grease	54	53	1
302-2	Fitting - Grease	57	55	1
302-5	Fitting - Grease	74	1	1
302-5	Fitting - Grease	7	2	2
302-5	Fitting - Grease	84	2	4
302-5	Fitting - Grease	66	21	4
302-5	Fitting - Grease	80	25	1
302-5	Fitting - Grease	8	27	3
302-5	Fitting - Grease	27	37	3
302-5	Fitting - Grease	85	48	2
302-11	Fitting - Grease	53	22	2
302-14	Plug - Vent	3	15	1
302-33	Fitting - Grease 90°	78	1	1
302-33	Fitting - Grease 90°	81	50	1
302-40	Fitting - Grease 90°	81	2	2
302-40	Fitting - Grease 90°	73	4	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
304–46	Drain Cock	52	41	1
321–2	Screw – Cap Hex. Hd.	15	12	2
321–2	Screw – Cap Hex. Hd.	19	34	1
321–4	Screw – Cap Hex. Hd.	12	30	1
321–9	Screw – Cap Hex. Hd.	8	31	3
321–10	Screw – Cap Hex. Hd.	17	7	2
321–15	Screw – Cap Hex. Hd.	31	17	2
322–1	Screw – Cap Hex. Hd.	6	6	6
322–2	Screw – Cap Hex. Hd.	66	2	5
322–2	Screw – Cap Hex. Hd.	31	9	1
322–2	Screw – Cap Hex. Hd.	12	38	2
322–3	Screw – Cap Hex. Hd .	33	65	8
322–3	Screw – Cap Hex. Hd.	13	15	4
322–3	Screw – Cap Hex. Hd.	52	47	3
322–4	Screw – Cap Hex. Hd.	68	5	4
322–4	Screw – Cap Hex. Hd.	8	41	2
322–5	Screw – Cap Hex. Hd.	28	55	2
322–6	Screw – Cap Hex. Hd.	27	1	2
322–6	Screw – Cap Hex. Hd.	31	18	1
322–7	Screw – Cap Hex. Hd.	27	30	1
322–8	Screw – Cap Hex. Hd.	80	5	8
322–8	Screw – Cap Hex. Hd.	82	6	8
322–8	Screw – Cap Hex. Hd.	74	21	4
322–10	Screw – Cap Hex. Hd.	27	19	1
322–16	Screw – Cap Hex. Hd.	32	30	2
323–4	Screw – Cap Hex. Hd.	23	24	3
323–4	Screw – Cap Hex. Hd.	19	40	2
323–6	Screw – Cap Hex. Hd.	9	10	4
323–7	Screw – Cap Hex. Hd.	27	4	2
323–7	Screw – Cap Hex. Hd.	19	20	2
323–7	Screw – Cap Hex. Hd.	3	38	2
323–7	Screw – Cap Hex. Hd.	7	10	2
323–7	Screw – Cap Hex. Hd.	29	28	2
323–8	Screw – Cap Hex. Hd.	9	20	1
323–9	Screw – Cap Hex. Hd.	3	1	1
323–9	Screw – Cap Hex. Hd.	32	3	1
323–9	Screw – Cap Hex. Hd.	69	3	2
323–9	Screw – Cap Hex. Hd.	8	14	1
323–11	Screw – Cap Hex. Hd.	27	34	6
323–12	Screw – Cap Hex. Hd.	8	29	2
323–13	Screw – Cap Hex. Hd.	80	6	2
323–13	Screw – Cap Hex. Hd.	74	10	3
323–13	Screw – Cap Hex. Hd.	82	10	4
323–14	Screw – Cap Hex. Hd.	83	7	2
323–15	Screw – Cap Hex. Head	75	13	4
323–17	Screw – Cap Hex. Hd.	17	10	1
323–29	Screw – Cap Hex. Hd.	27	14	3
323–33	Screw – Cap Hex. Hd.	32	13	2
323–34	Screw – Cap Hex. Hd.	32	7	1
323–34	Screw – Cap Hex. Hd.	19	24	5
323–34	Screw – Cap Hex. Hd.	2	36	2
324–4	Screw – Cap Hex. Hd.	31	6	2
324–4	Screw – Cap Hex. Hd.	28	58	2
324–12	Screw – Cap Hex. Hd.	32	20	3
325–2	Screw – Cap Hex. Hd.	70	5	2
325–2	Screw – Cap Hex. Hd.	3	44	1
325–4	Screw – Cap Hex. Hd.	56	25	2
325–4	Screw – Cap Hex. Hd.	6	26	1
325–5	Screw – Cap Hex. Hd.	82	18	2
325–5	Screw – Cap Hex. Hd.	2	55	2
325–6	Screw – Cap Hex. Hd.	82	32	2
325–9	Screw – Cap Hex. Hd.	83	5	4
325–9	Screw – Cap Hex. Hd.	25	29	2
325–9	Screw – Cap Hex. Hd.	12	37	2
325–11	Screw – Cap Hex. Hd.	53	16	2
325–11	Screw – Cap Hex. Hd.	85	18	2
325–11	Screw – Cap Hex. Hd.	56	34	2
325–11	Screw – Cap Hex. Hd.	52	37	2
325–13	Screw	25	12	1
325–15	Screw – Cap Hex. Hd.	85	2	4
325–15	Screw – Cap Hex. Hd.	6	24	10
325–20	Screw – Cap Hex. Hd.	53	13	2
325–20	Screw – Cap Hex. Hd.	56	16	2
325–33	Screw – Cap Hex. Hd.	70	3	2
327–24	Screw – Cap Hex. Hd.	81	5	2
327–24	Screw – Cap Hex. Hd.	73	6	2
328–25	Screw – Cap Hex. Hd.	53	41	1
328–25	Screw – Cap Hex. Hd.	56	44	2
3210–5	Screw – Cap Hex. Hd.	54	45	2
3212–5	Screw – Cap Hex. Hd.	70	9	2
3213–2	Screw – Hex. Hd. Flange	27	8	2
3216–6	Screw – Cap Hex. Hd.	74	6	1
3216–6	Screw – Cap Hex. Head	80	19	1
3217–9	Nut – Jam	72	8	3
3218–2	Nut – Jam	8	40	2
3218–18	Nut – Jam	84	7	2
3218–19	Nut – Hex.	16	7	2
3220–3	Nut – Jam	8	3	3
3220–3	Nut – Jam	3	4	2
3220–3	Nut – Jam	7	7	2
3220–3	Nut – Jam	9	19	1
3220–3	Nut – Jam	28	54	1
3220–5	Nut – Jam	82	26	2
3220–6	Nut	84	12	8
3220–6	Nut – Jam	87	1	4
3220–6	Nut – Jam	80	10	2
3220–6	Nut – Jam	74	17	2
3220–6	Nut – Jam	85	17	4
3220–7	Nut – Jam	66	12	3
3220–12	Nut – Jam LH Thread	82	24	2
3230–16	Bolt – Carriage	68	2	4
3231–22	Bolt – Carriage	2	47	2
3234–1	Screw – Cap Hex. Hd.	83	8	4
3234–1	Screw – Hex. Flange Hd.	27	31	4
3234–1	Screw – Hex. Flange Hd.	85	34	1
3234–4	Screw – Cap Hex. Hd.	56	4	1
3234–4	Screw – Cap Hex. Hd.	3	43	2
3234–5	Screw – Hex. Flange Hd.	32	44	6
3234–8	Screw – Hex. Flange Hd.	74	25	1
3234–11	Screw	32	22	8
3234–11	Screw – Hex. Flange Head	76	6	6
3234–11	Screw – Hex. Flange Head	77	6	6
3234–11	Screw – Hex. Flange Head	78	8	6
3234–12	Screw – Cap Hex. Hd.	53	17	2
3234–12	Screw – Hex. Flange Hd.	3	12	2
3234–12	Screw – Hex. Washer Hd.	19	1	2
3234–12	Screw – Hex. Washer Hd.	52	26	7
3234–12	Screw – Hex. Washer Hd.	2	44	9
3234–13	Screw – Hex. Washer Hd.	23	7	2
3234–14	Screw – Hex. Flange Hd.	52	1	12
3234–14	Screw – Hex. Flange Hd.	69	5	6
3234–14	Screw – Hex. Flange Hd.	8	17	2

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3234-14	Screw – Hex. Washer Hd.	2	41	4
3234-17	Screw – Hex. Flange Hd.	33	60	1
3234-18	Screw – Flange Head	25	39	1
3234-22	Screw – Flange Head	25	24	3
3234-27	Screw – Hex. Flange Hd.	71	4	2
3234-29	Screw – Cap Flange Head	75	4	8
3234-32	Screw – Hex. Flange Hd.	53	11	2
3234-32	Screw – Hex. Flange Hd.	52	30	2
3234-32	Screw – Hex. Flange Hd.	56	33	2
3247-2	Screw – Set	56	9	1
3249-11	Screw – Machine Rd. Hd.	27	25	2
3253-4	Washer – Lock	66	4	5
3253-4	Washer – Lock	68	6	4
3253-4	Washer – Lock	6	7	6
3253-4	Washer – Lock	13	16	4
3253-4	Washer – Lock	33	64	4
3253-6	Washer – Lock	31	10	2
3253-6	Washer – Lock	70	10	2
3253-6	Washer – Lock	28	59	2
3253-7	Washer – Lock	70	6	2
3253-15	Washer – Lock	19	30	5
3253-21	Washer – Lock	9	9	4
3253-21	Washer – Lock	19	21	9
3253-21	Washer – Lock	23	25	3
3253-21	Washer – Lock	2	37	2
3253-21	Washer – Lock	4	44	6
3254-20	Washer – Lock, Int. Tooth	16	6	1
3255-7	Washer – Lock Ext. Tooth	15	22	1
3255-8	Washer – Lock Ext. Tooth	15	19	1
3255-8	Washer – Lock, Ext. Tooth	32	11	2
3256-1	Washer – Flat	15	10	1
3256-2	Washer	68	7	4
3256-2	Washer – Flat	13	8	8
3256-3	Washer	16	23	2
3256-3	Washer – Flat	28	64	1
3256-3	Washer – Flat	12	25	1
3256-3	Washer – Flat	2	40	2
3256-3	Washer – Flat	8	43	1
3256-3	Washer – Flat	33	61	3
3256-5	Washer – Flat	70	11	2
3256-22	Washer – Flat	9	41	1
3256-23	Washer – Flat	52	2	6
3256-23	Washer – Flat	31	19	1
3256-23	Washer – Flat	12	39	2
3256-23	Washer – Flat	9	47	2
3256-23	Washer – Flat	54	55	1
3256-23	Washer – Flat	57	57	1
3256-24	Washer – Flat	32	4	4
3256-24	Washer – Flat	17	11	2
3256-24	Washer – Flat	19	11	9
3256-24	Washer – Flat	23	11	3
3256-24	Washer – Flat	8	37	1
3256-24	Washer – Flat	2	38	2
3256-24	Washer – Flat	25	7	6
3256-24	Washer – Flat	27	35	9
3256-26	Washer – Flat	71	2	4
3256-26	Washer – Flat	85	3	4
3256-26	Washer – Flat	27	9	2
3256-26	Washer – Flat	82	29	2
3256-26	Washer – Flat	12	36	2
3256-26	Washer – Flat	9	36	4
3256-26	Washer – Flat	52	39	2
3256-28	Washer – Flat	70	12	2
3256-28	Washer – Flat	53	14	4
3256-28	Washer – Flat	56	18	1
3256-49	Washer – Flat	12	6	1
3256-67	Washer – Flat	75	18	8
3256-70	Washer – Flat	25	36	3
3256-71	Washer – Flat	27	16	2
3256-77	Washer – Flat	15	7	1
3258-19	Screw – Rd. Head Machine	51	2	2
3272-1	Pin – Cotter	17	8	6
3272-5	Pin – cotter	9	39	2
3272-6	Pin – Cotter	7	18	2
3272-9	Pin – Cotter	84	15	2
3272-10	Pin – Cotter	1	15	1
3272-10	Pin – Cotter	9	38	1
3272-10	Pin – Cotter	32	41	1
3272-11	Pin – Cotter	85	30	2
3272-12	Pin – Cotter	85	4	2
3272-12	Pin – Cotter	53	39	2
3272-13	Pin – Cotter	53	34	2
3273-17	Screw – Hex. Socket Hd.	89	5	2
3274-19	Screw – Cap Socket Hd.	8	12	1
3274-68	Screw – Socket Button Hd.	16	19	4
3274-71	Screw – Soc. Hex. Hd.	25	1	2
3274-80	Screw – Hex. Hd	84	5	4
3274-87	Screw – Flat Hd. Socket	6	3	12
3284-3	Pin – Groove	12	28	1
3290-126	Screw – Hex. Washer Hd.	15	8	3
3290-148	Nut – Lock	15	4	1
3290-256	Pin – Cotter, Hair	74	12	1
3290-256	Pin – Cotter, Hair	80	16	1
3290-256	Pin – Cotter, Hair	85	22	2
3290-359	Screw – Round Hd.	2	32	2
3290-271	Rivet – Pop	52	5	2
3290-282	Rivet – Pop	12	5	1
3290-307	Pin – Cotter, Hair	12	26	1
3290-357	Nut – Flange Head	3	14	1
3290-357	Nut – Flange Head	28	56	1
3290-357	Nut – Lock	33	99	6
3290-357	Nut – Lock, Flange Hd.	2	34	4
3290-378	Tie – Cable	82	3	2
3290-378	Tie – Cable	86	6	1
3290-378	Tie – Cable	24	49	1
3290-378	Tie – Cable	33	58	2
3290-378	Tie – Cable	33	58	3
3290-378	Tie – Cable	10	60	1
3290-379	Tie – Cable	3	49	1
3290-379	Tie – Cable	52	20	2
3290-384	Pin – Lynch	74	23	1
3290-384	Pin – Lynch	80	24	1
3290-384	Pin – Lynch	85	46	2
3290-467	Pin – Hair, Cotter	82	1	2
3290-477	Washer – Curved	28	57	2
3290-483	Washer – Belleville	82	19	2
3290-483	Washer – Belleville	2	52	2
3296-2	Nut – Lock	2	35	2
3296-2	Nut Lock	16	13	1
3296-6	Nut – Lock	79	9	3
3296-6	Nut – Lock	26	10	3
3296-9	Nut – Lock	27	18	2

*Not Illustrated

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3296–12	Nut – Lock	15	24	1
3296–15	Nut – Lock	74	13	1
3296–15	Nut – Lock	80	14	1
3296–23	Nut – Lock	85	21	2
3296–25	Nut – Lock	70	8	2
3296–25	Nut – Lock	82	14	2
3296–25	Nut – Lock	25	27	5
3296–25	Nut – Lock	2	31	2
3296–25	Nut – Lock	2	51	2
3296–29	Nut – Lock	84	1	2
3296–29	Nut – Lock	68	3	4
3296–29	Nut – Lock	13	7	4
3296–29	Nut – Lock	27	15	5
3296–39	Nut – Lock	7	13	2
3296–39	Nut – Lock	17	14	1
3296–39	Nut – Lock	74	27	1
3296–39	Nut – Lock	80	27	1
3296–39	Nut – Lock	82	17	2
3296–39	Nut – Lock	25	20	4
3296–42	Nut – Lock	15	9	2
3296–42	Nut – Lock	8	33	1
3296–42	Nut – Lock	19	36	1
3296–44	Nut – Lock	15	25	1
3296–45	Nut – Lock	82	28	2
3296–45	Nut – Lock	54	58	2
3296–45	Nut – Lock	57	60	2
3296–47	Nut – Lock	15	18	1
3296–47	Nut – Lock	31	21	1
3296–47	Nut – Lock	52	25	5
3296–47	Nut – Lock	28	62	2
3296–49	Nut – Lock	76	2	1
3296–49	Nut – Lock	77	2	1
3296–49	Nut – Lock	78	2	1
3296–49	Nut – Lock	9	12	2
3296–51	Nut – Lock	53	10	3
3296–53	Nut – Lock	81	3	2
3296–53	Nut – Lock	73	7	2
3296–59	Nut – Lock	8	1	4
3296–59	Nut – Lock	3	7	1
3296–59	Nut – Lock	7	8	2
3296–59	Nut – Lock	27	24	3
3296–59	Nut – Lock	9	31	1
3296–59	Nut – Lock, Flange Head	75	9	4
3296–67	Nut – Lock	6	19	2
3296–81	Nut – Lock	56	19	2
32104–37	Screw – Cap Hex. Hd.	54	54	1
32104–37	Screw – Cap Hex. Hd.	57	56	1
32104–82	Screw – Hex. Washer Hd.	12	13	1
32105–12	Screw – Hex. Hd.	16	16	1
32107–11	Nut	51	9	2
32108–58	Screw – Machine Flat Hd.	66	25	4
32120–15	Ring – Retaining	56	32	2
32120–19	Ring – Retaining, Ext.	7	12	4
32120–65	Ring – Retaining	67	2	1
32121–6	Pin – Roll	9	35	1
32121–6	Pin – Roll	3	45	1
32121–10	Pin – Roll	9	16	1
32121–11	Pin – Roll	82	15	2
32121–11	Pin – Roll	8	32	2
32121–11	Pin – Roll	2	53	2
32121–24	Pin – Roll	3	42	1
32121–25	Pin – Roll	8	25	2
32121–50	Pin – Roll	8	35	1
32121–51	Pin – Roll	85	13	2
32121–123	Pin – Roll	9	18	2
32122–24	Screw – Round Hd.	19	31	5
32128–13	Nut – Lock	33	85	2
32128–19	Nut – Flange	33	71	2
32128–19	Nut – Flange Hd.	85	1	2
32128–19	Nut – Flange Lock	69	2	2
32128–19	Nut – Lock, Flange Hd.	82	5	2
32128–19	Nut – Lock, Flange Head	80	7	2
32128–20	Nut – Lock	8	36	2
32128–20	Nut – Lock, Flange Head	31	12	1
32128–20	Nut – Lock, Flange Head	76	12	8
32128–21	Nut – Flange Hd.	75	35	1
32128–21	Nut – Lock, Flange Head	76	8	6
32128–21	Nut – Lock, Flange Head	77	8	6
32128–21	Nut – Lock, Flange Head	78	10	6
32128–23	Nut – Flange Hd.	85	42	2
32128–23	Nut – Flange Lock	53	1	2
32128–23	Nut – Flange Lock	56	1	2
32128–23	Nut – Hex. Flange Hd.	83	15	4
32128–25	Nut	80	3	8
32128–25	Nut – Flange Head	74	19	4
32128–25	Nut – Flange Lock	13	14	4
32128–25	Nut – Lock, Flange Hd.	82	11	8
32128–30	Nut – Lock	32	40	11
32128–33	Nut – Flange Lock	16	18	4
32128–33	Nut – Flange Lock	57	53	1
32128–33	Nut – Lock	12	10	1
32128–37	Nut – Lock, Flange Hd.	32	18	3
32128–43	Nut – Lock, Flange Head	72	3	3
32128–49	Nut – Flange Head	25	28	3
32128–50	Nut – Lock, Flange Hd.	6	9	4
32136–2	Nut	85	5	2
32136–13	Nut – Slotted	53	33	2
32136–13	Nut – Slotted	53	38	2
32104–76	Screw – Acorn Slot. Hd.	1	14	17
32144–4	Screw – Hex. Hd.	12	34	1
32144–4	Screw – Hex. Washer Hd.	16	12	6
32144–4	Screw – Hex. Washer Hd.	15	14	10
32144–4	Screw – Hex. Washer Hd.	9	28	4
32144–4	Screw – Thread Forming	23	44	4
32144–11	Screw – Hex. Flange Hd.	53	9	2
32144–11	Screw – Hex. Flange Hd.	8	28	4
32144–11	Screw – Hex. Washer Hd.	23	8	2
32144–11	Screw – Hex. Washer Hd.	25	8	5
32144–11	Screw – Hex. Washer Hd.	32	10	2
32144–11	Screw – Hex. Washer Hd.	1	12	10
32144–11	Screw – Hex. Washer Hd.	12	31	2
32144–11	Screw – Hex. Washer Hd.	9	32	5
32144–11	Screw – Hex. Washer Hd.	17	40	2
32144–11	Screw – Hex. Washer Hd.	57	50	2
32144–19	Screw – Hex. Hd.	16	15	2
32144–26	Screw – Hex. Washer Hd.	27	11	2
32144–57	Screw – Hex. Washer Hd.	9	48	2
32144–70	Screw – Hex. Flange Hd.	82	13	1
32144–70	Screw	75	15	2
32144–70	Screw – Hex. Flange Hd.	83	12	3
32144–70	Screw – Hex. Washer Hd.	85	15	6
32148–9	Insert	32	6	3

*Not Illustrated

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32151-62	Ring – Retaining	3	40	1
32151-72	Retainer – Push-On	52	14	4
32151-72	Retainer – Push-On	16	24	2
32151-72	Retainer – Push-in	2	46	2
32151-73	Ring – Clip	27	2	1
32151-73	Ring – Retaining	84	16	6
32151-88	Ring – Retaining	6	21	2
32151-96	Ring – Retaining	56	30	2
32152-2	Nut – Lock	27	36	6
32152-2	Nut – Lock, Flange Hd.	25	41	3
32152-5	Nut – Lock	54	47	2
340-2	Adapter – Straight	86	12	2
340-2	Fitting – Adapter	17	25	1
340-4	Fitting – Hydraulic	31	28	1
340-6	Fitting – Adapter	23	31	1
340-7	Fitting – Hydraulic	31	31	2
340-8	Fitting – Adapter	23	14	1
340-17	Fitting – Hydraulic 90°	23	39	1
340-17	Fitting – Hydraulic 90°	31	3	2
340-18	Fitting – Hydraulic 90°	31	37	1
340-55	Fitting – Hydraulic 45°	31	23	1
340-70	Nut – Bulkhead	56	5	3
340-70	Nut – Bulkhead	53	6	2
340-70	Nut – Bulkhead	10	53	3
340-70	Nut – Lock, Bulkhead	86	1	6
340-71	Union – Bulkhead	10	54	1
340-72	Fitting – Hydraulic 90°	52	27	2
340-74	Nut – Bulkhead	56	13	1
340-74	Nut – Bulkhead	52	31	2
340-77	Elbow – Hydraulic 90°	86	16	2
340-77	Fitting – Hydraulic	56	35	1
340-86	Fitting – Hydraulic, Tee	86	15	2
340-87	Fitting – Hydraulic	86	9	3
340-97	Fitting – Hydraulic 90°	54	44	2
340-97	Fitting – Hydraulic 90°	57	48	2
340-99	Fitting – Hydraulic 90°	17	35	1
340-101	Fitting – Hydraulic	3	25	1
340-109	Fitting – Tee	23	42	1
340-115	Fitting – Hydraulic	31	33	2
340-125	Fitting – Hydraulic, Tee	66	14	1
340-132	Fitting – Hydraulic 90°	66	13	2
340-138	Fitting – Hydraulic	9	4	3
340-139	Fitting – Hydraulic	23	22	1
340-139	Fitting – Hydraulic 90°	56	24	1
340-140	Fitting – Hydraulic, Tee	66	5	1
340-141	Fitting – Hydraulic	23	29	1
340-147	Fitting – Hydraulic	23	17	1
340-155	Fitting – Hydraulic	3	34	2
340-155	Fitting – Hydraulic 90°	31	13	2
340-157	Fitting – Tee	31	27	1
340-159	Fitting – Hydraulic	9	50	3
340-165	Fitting – Hydraulic	31	30	1
340-166	Fitting	86	19	1
340-167	Fitting – Hydraulic	3	32	2
353-508	Assembly – Plug	17	6	2
353-508	Plug Assy.	18	6	1
353-508	Plug	56	43	1
353-550	Plug (2 Wd Only)	23	40	1
353-551	Plug	23	9	2
353-551	Plug Assembly	30	22	3
353-947	Cap – Fitting	3	36	2
354-77	Fitting – Test Port	17	30	1
354-78	Connector – Hose	31	35	1
354-79	Cap – Fitting	31	1	2
354-79	Cap – Fitting	23	19	1
354-79	Cap – Fitting	17	29	1
354-87	Fitting – Hydraulic 90°	23	21	1
354-94	Fitting – Barb	19	16	1
354-95	Fitting – Barb	19	14	1
354-103	Male Hose Barb	24	45	1

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MAINTENANCE RECORD

Date								

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