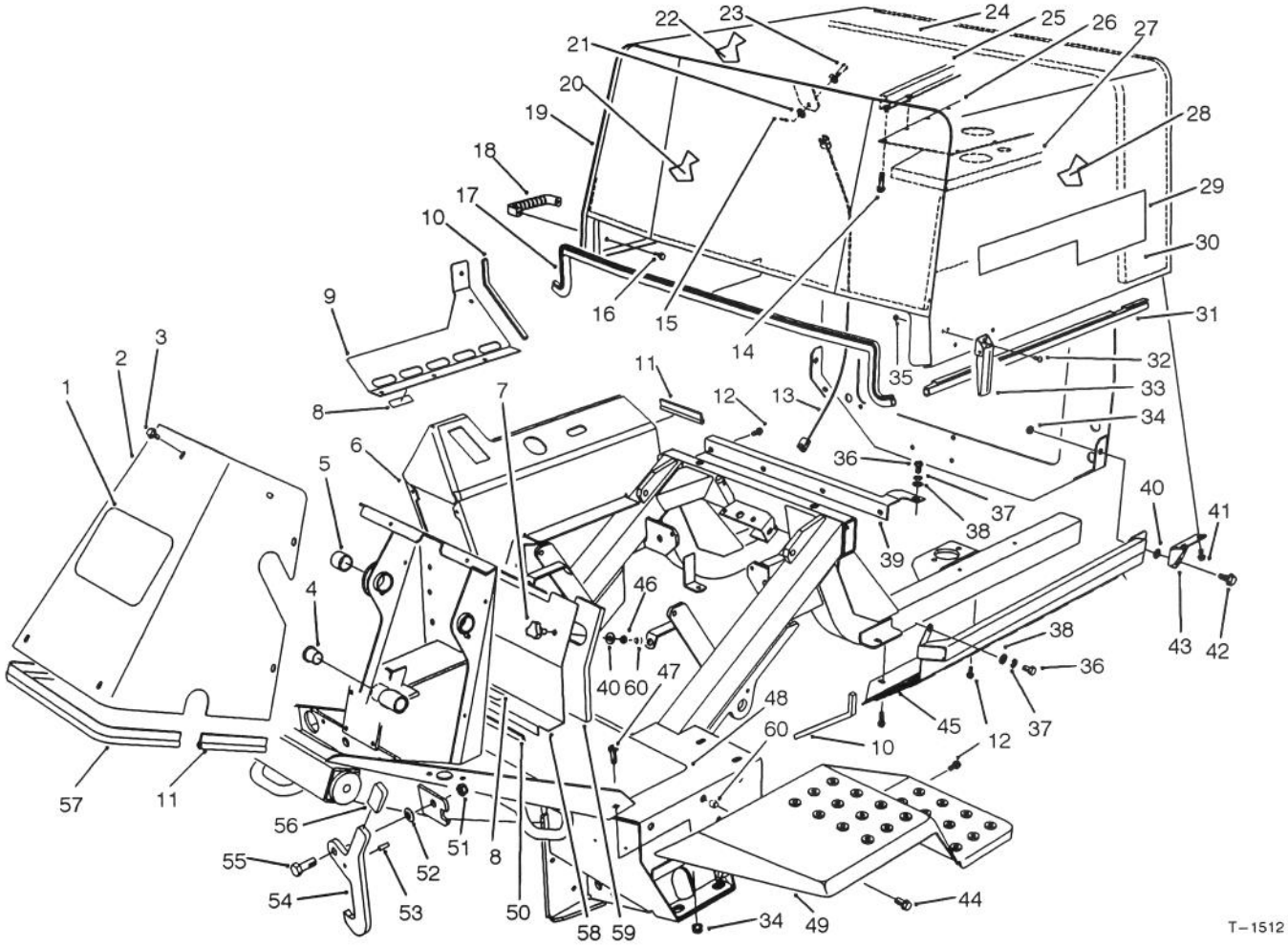
FORM NO. 3315–636

TORO®

MODEL NO.30450–30001 & UP
MODEL NO.30455–30001 & UP
MODEL NO.30401–30001 & UP

PARTS CATALOG

GROUNDSMASTER® 455D
TRACTION UNIT WITH CUTTING DECK



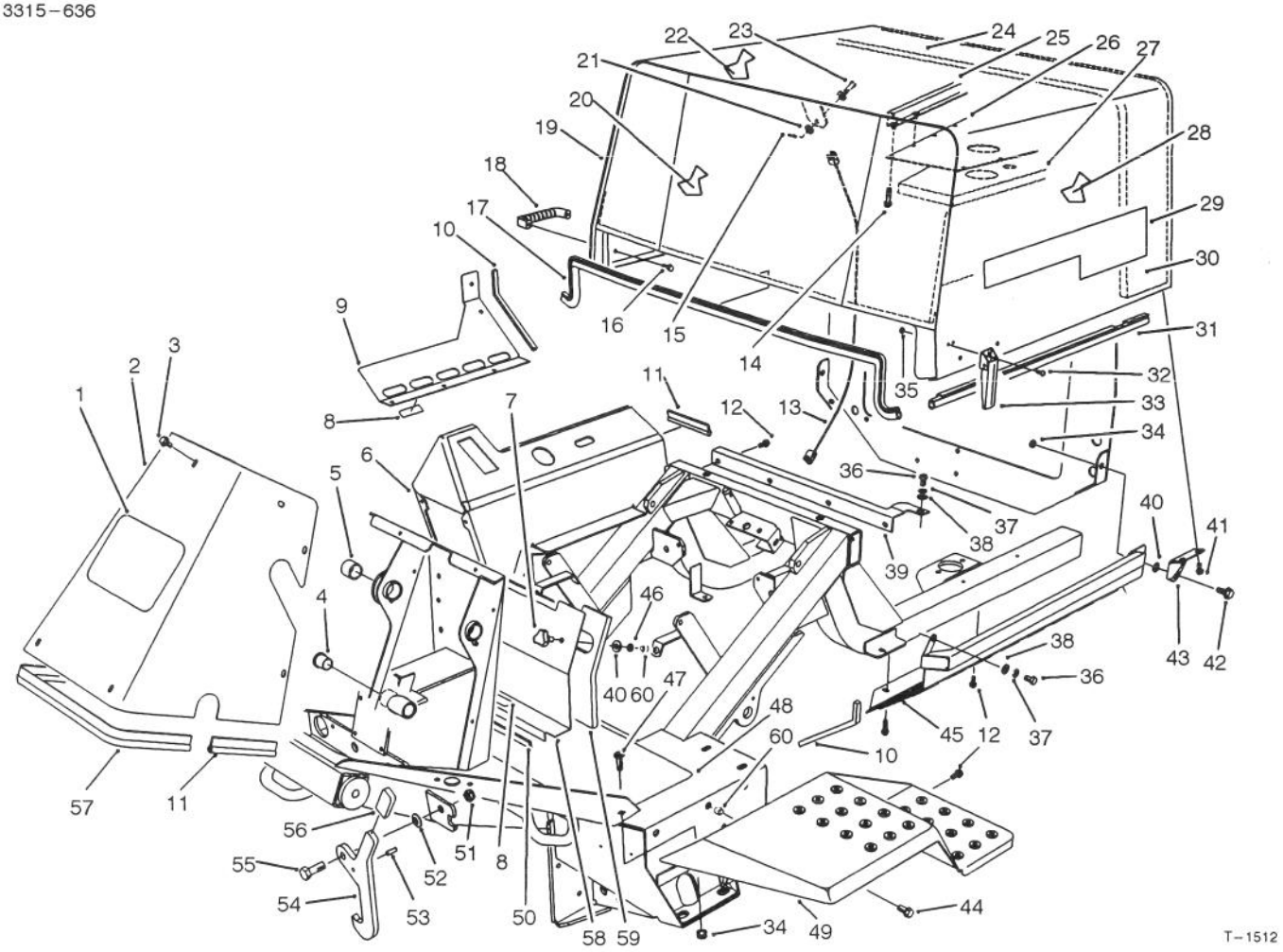
FRAME & BODY ASSEMBLY

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 & 60)	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	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 – GM 455D	2

TPS

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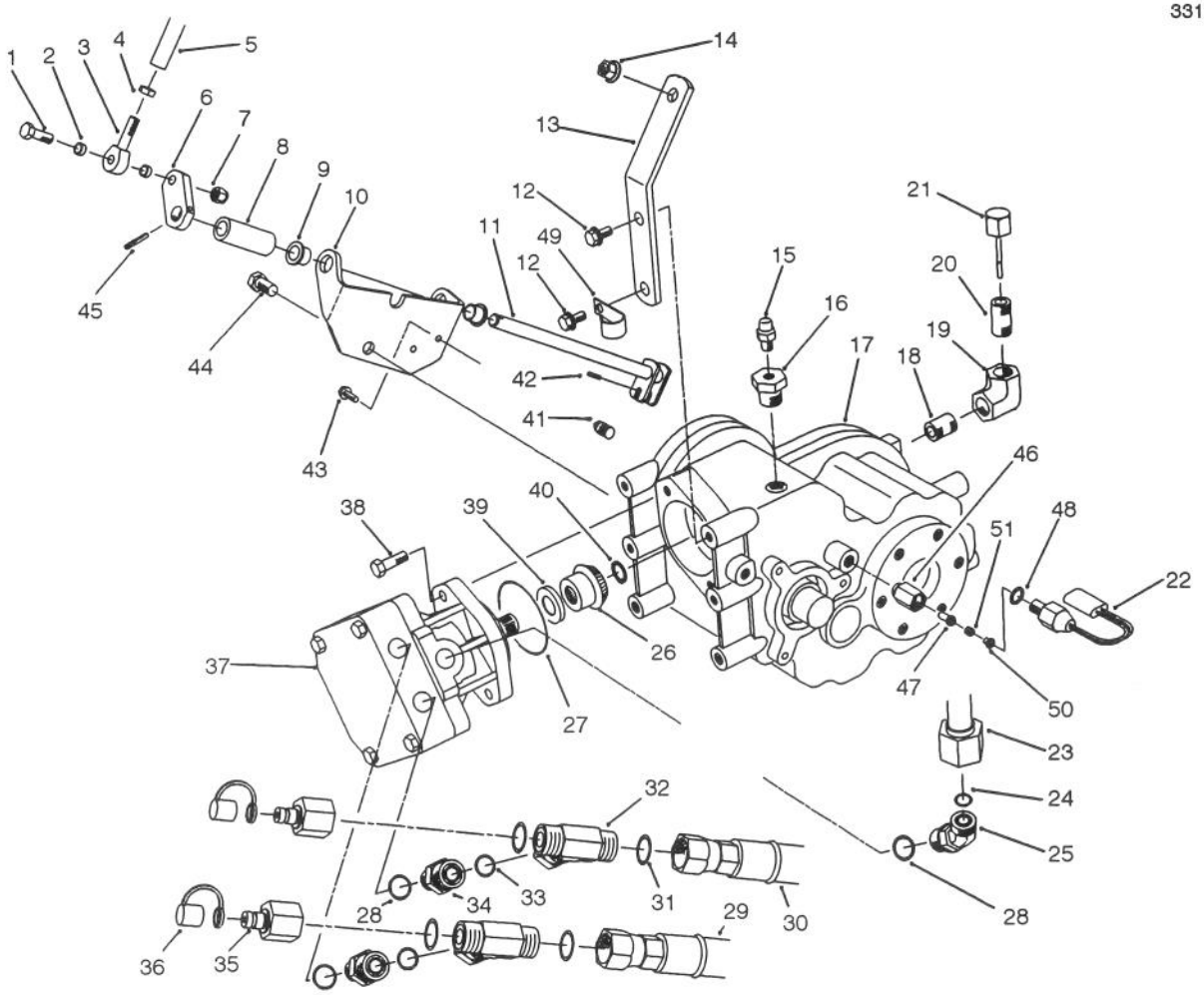


FRAME & BODY ASSEMBLY (Continued)

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
44	3234-12	Screw - Hex. Washer Hd.	7
45	82-3600	Shroud - Lower, L.H.	1

Ref. No.	Part No.	Description	No. Used
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
58	88-1300	Cover - Seat Front	1
59	88-1310	Foam - Cover	1
60	32148-10	Insert - Threaded	10

*Not Illustrated



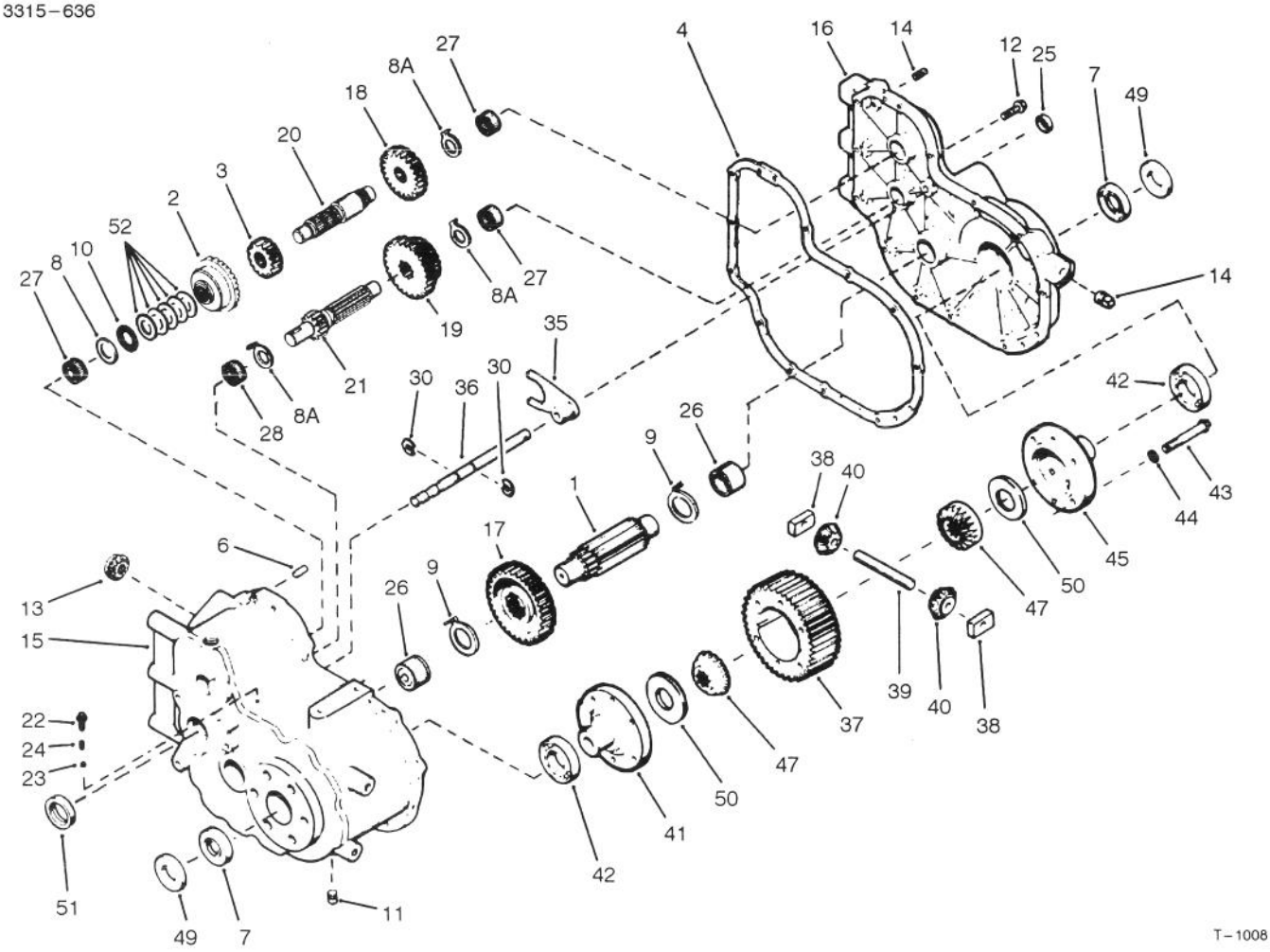
T–1506

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	92–2556	Motor – Fixed Displacement	1
38	323–7	Screw – Cap Hex. Hd.	2
39	82–5380	Shim – Pinion .045	1
*	82–5390	Shim – Pinion .038	1
*	82–5400	Shim – Pinion .052	1
40	32151–62	Ring – Retaining	1
41	76–6040	Plug – Pipe	1
42	32121–24	Pin – Roll	1
43	3234–4	Screw – Cap Hex. Hd.	2
44	325–2	Screw – Cap Hex. Hd.	1
45	32121–6	Pin – Roll	1
46	92–1364	Guide – Switch, Pin	1
47	92–1365	Plunger – Switch	1
48	237–30	O–Ring	1
49	2412–150	Clip – J	1
50	43–8610	Guide – Spring & Ball	1
51	92–1366	Spring – Compression	1

*Not Illustrated



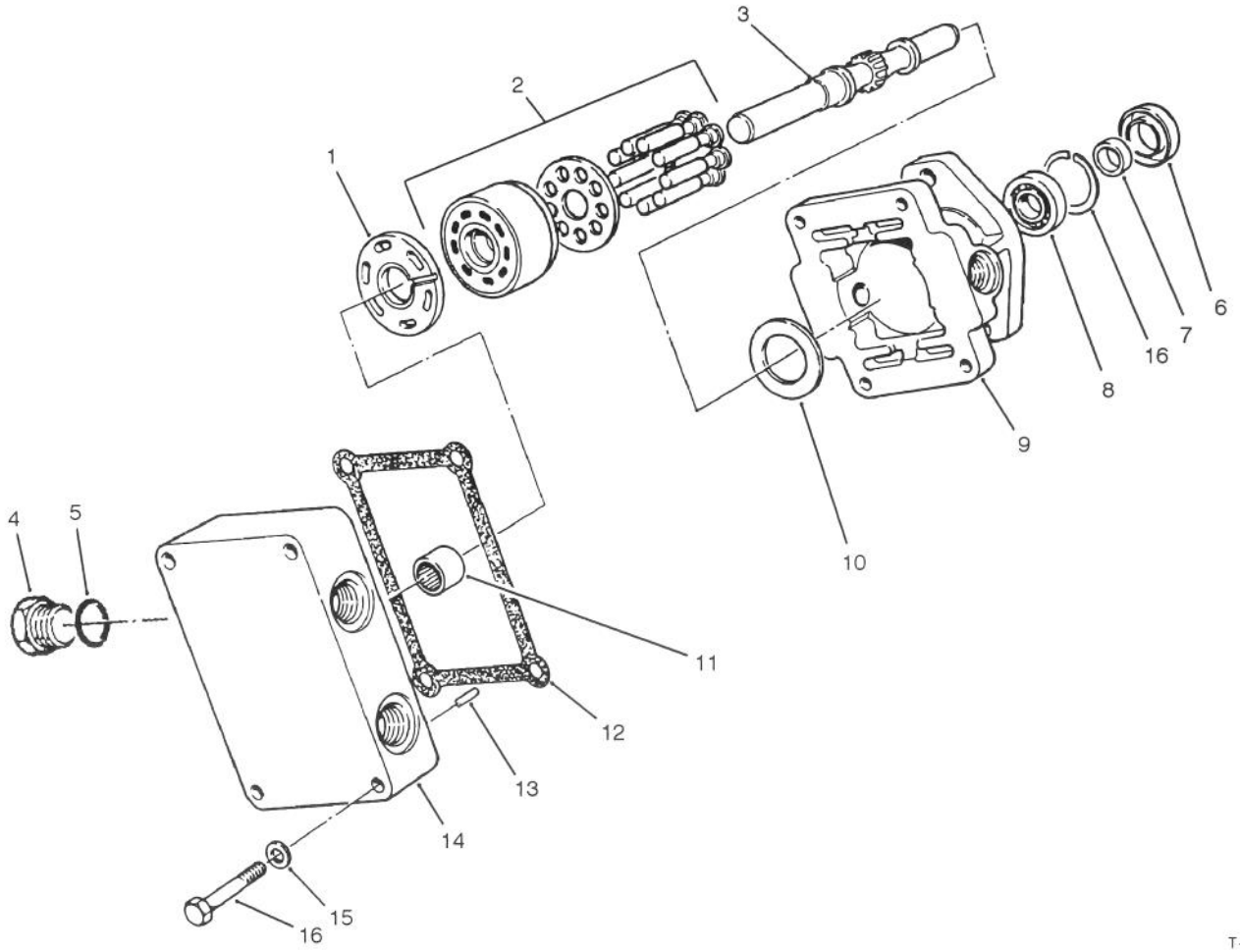
T–1008

TRANSAXLE ASSEMBLY NO. 88–1260

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

Ref. No.	Part No.	Description	No. Used
26	76–5860	Bearing – Needle	2
27	76–5870	Bearing – Needle	3
28	92–0640	Bearing – Needle	1
30	76–5890	Ring – Retaining	2
35	76–5900	Fork – Shift	1
36	92–0647	Rod – Shift (High–Low)	1
37	92–0643	Gear – Ring	1
38	76–5930	Block – Drive	2
39	76–5940	Pin – Drive	1
40	76–5950	Pinion – Bevel	2
41	76–5960	Carrier (Incl. Ref. #50)	1
42	92–0646	Bearing – Ball	2
43	76–5980	Screw – Hex Flanged Hd.	6
44	3253–21	Washer – Lock	6
45	76–5990	Carrier – Differential	1
47	76–6000	Gear – Bevel	2
49	76–6010	Spacer	2
50	76–6020	Washer – Thrust	2
51	76–6030	Seal – Oil	1
52	76–5680	Shim – Orange .126/.123	A/R
*	76–5740	Shim – Lt. Grn. .123/.120	A/R
*	84–0090	Shim – Lt. Blue .120/.117	A/R
*	84–0130	Shim – Pink .129/.126	A/R
*	84–0140	Shim – Black .132/.129	A/R
*	84–0080	Spiral Gear Set (Matched) (Incl. Ref. #2 & 13)	1

*Not Illustrated

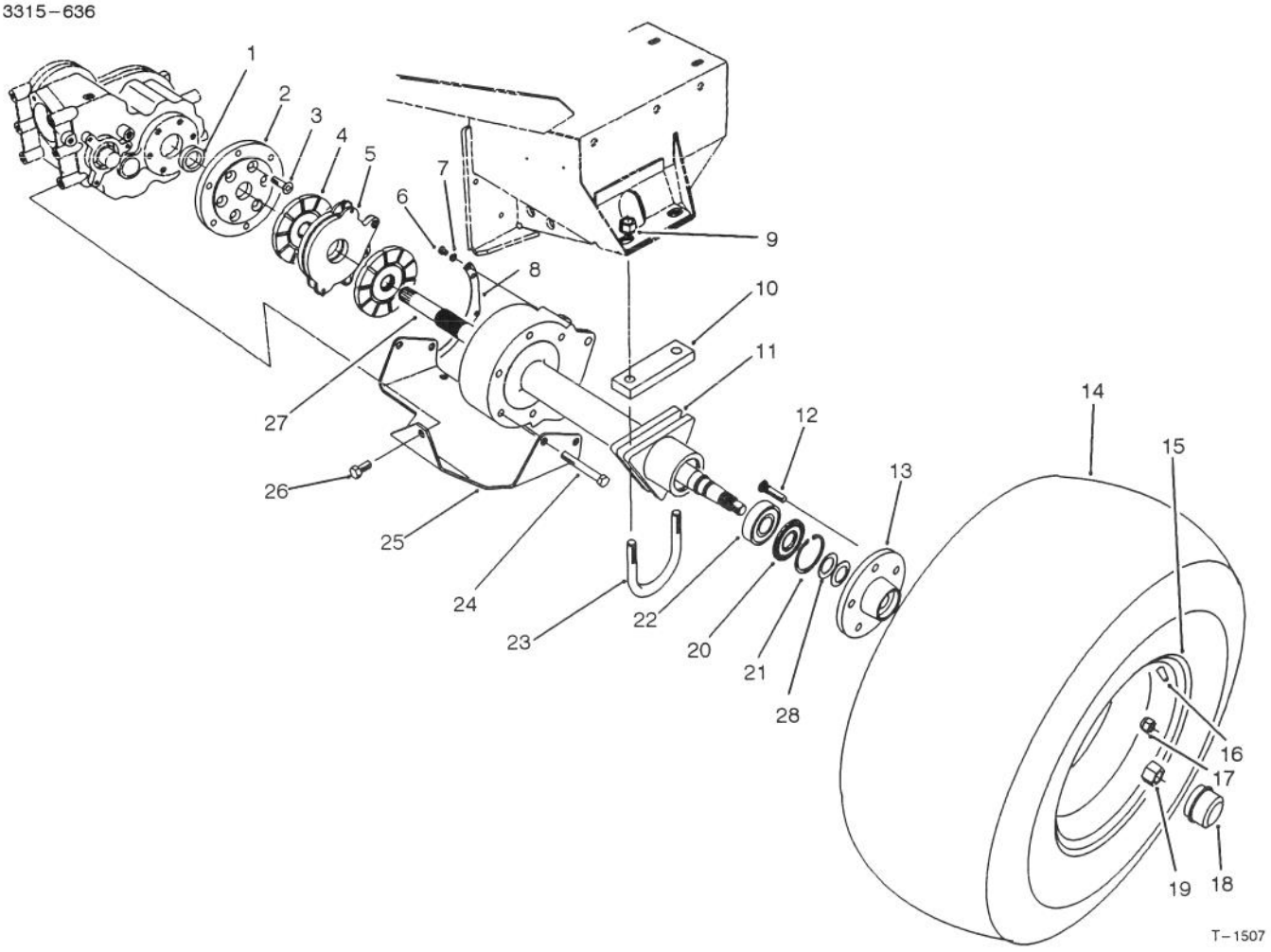


T–1493

HYDRAULIC MOTOR NO. 92–2556

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

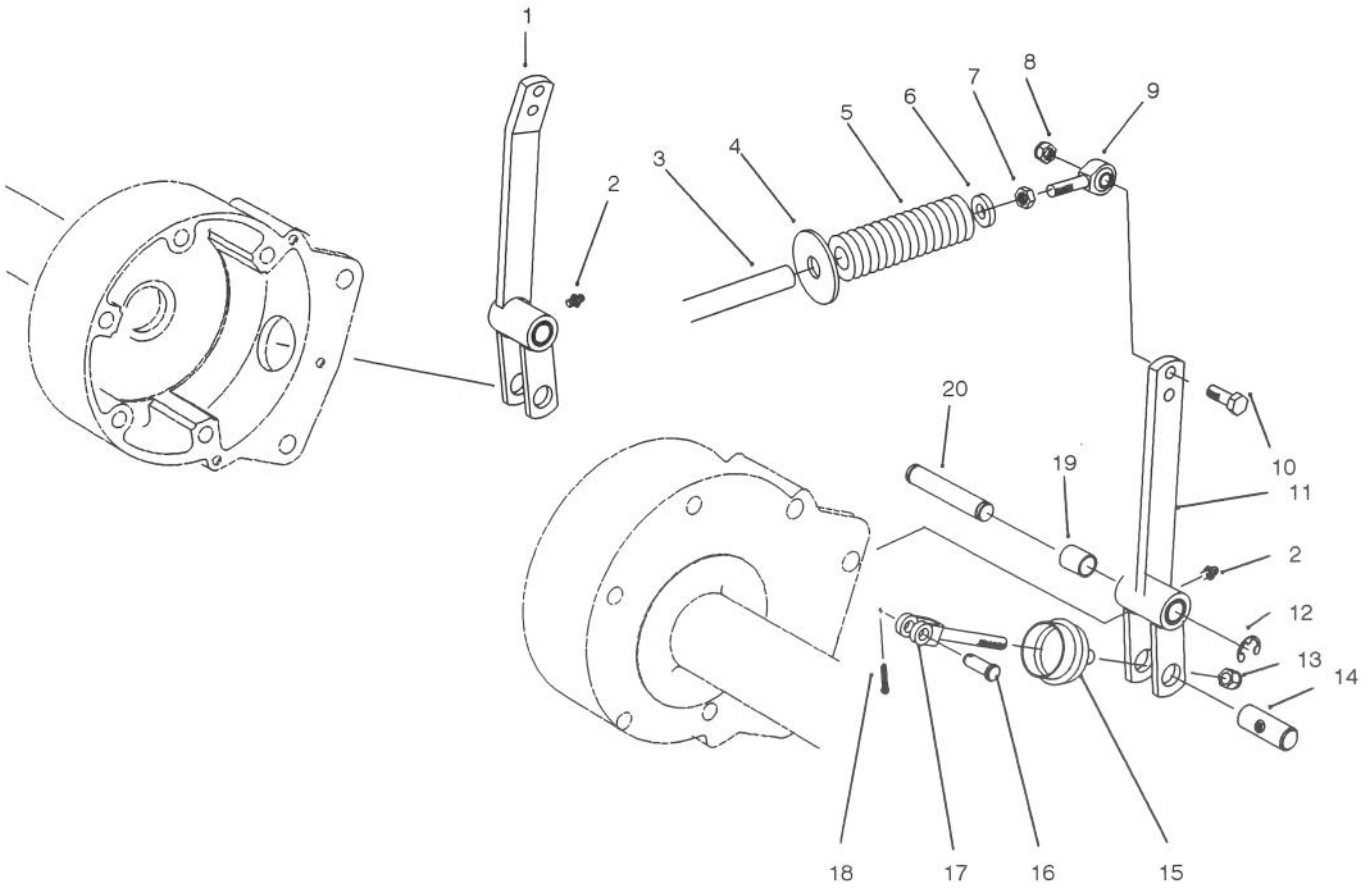
Ref. No.	Part No.	Description	No. Used
10	25–2380	Plate – Thrust	1
11	74–9440	Gasket	1
12	77–3640	Bearing	1
13	25–2430	Pin – Straight	1
14	92–2572	End Cap Assembly (Incl. Ref. #12)	1
15	74–9510	Washer – Flat	1
16	74–9500	Screw – Cap Hex. Hd.	4
17	82–4970	Ring – Retaining	1



FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76-6010	Spacer – Transaxle (Supplied with transaxle)	2
2	76-4240	Plate – Adapter	2
3	3274-87	Screw – Flat Hd. Socket	12
4	74-3640	Disc – Brake	4
5	74-3630	Actuator – Brake	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



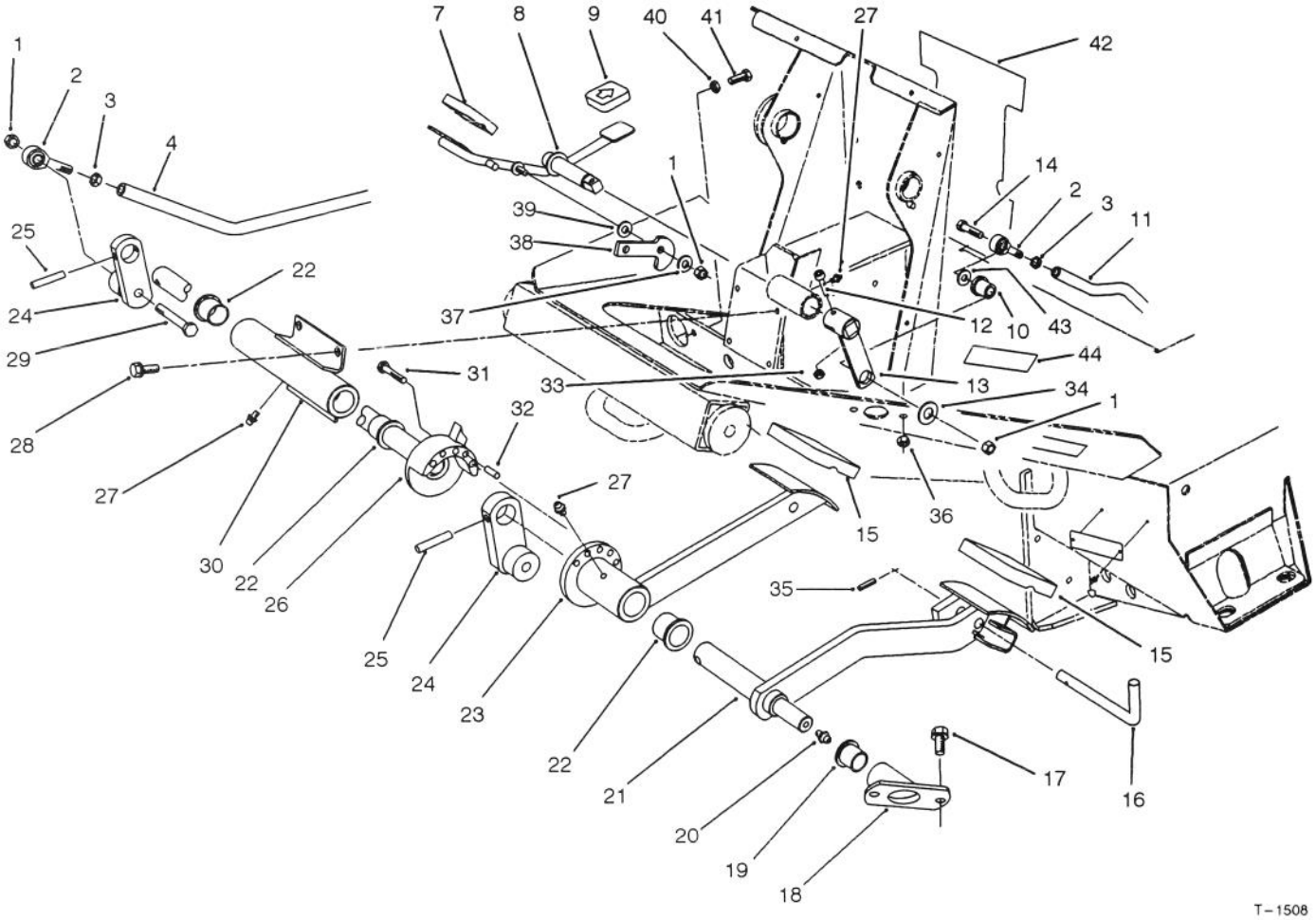
T–1491

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

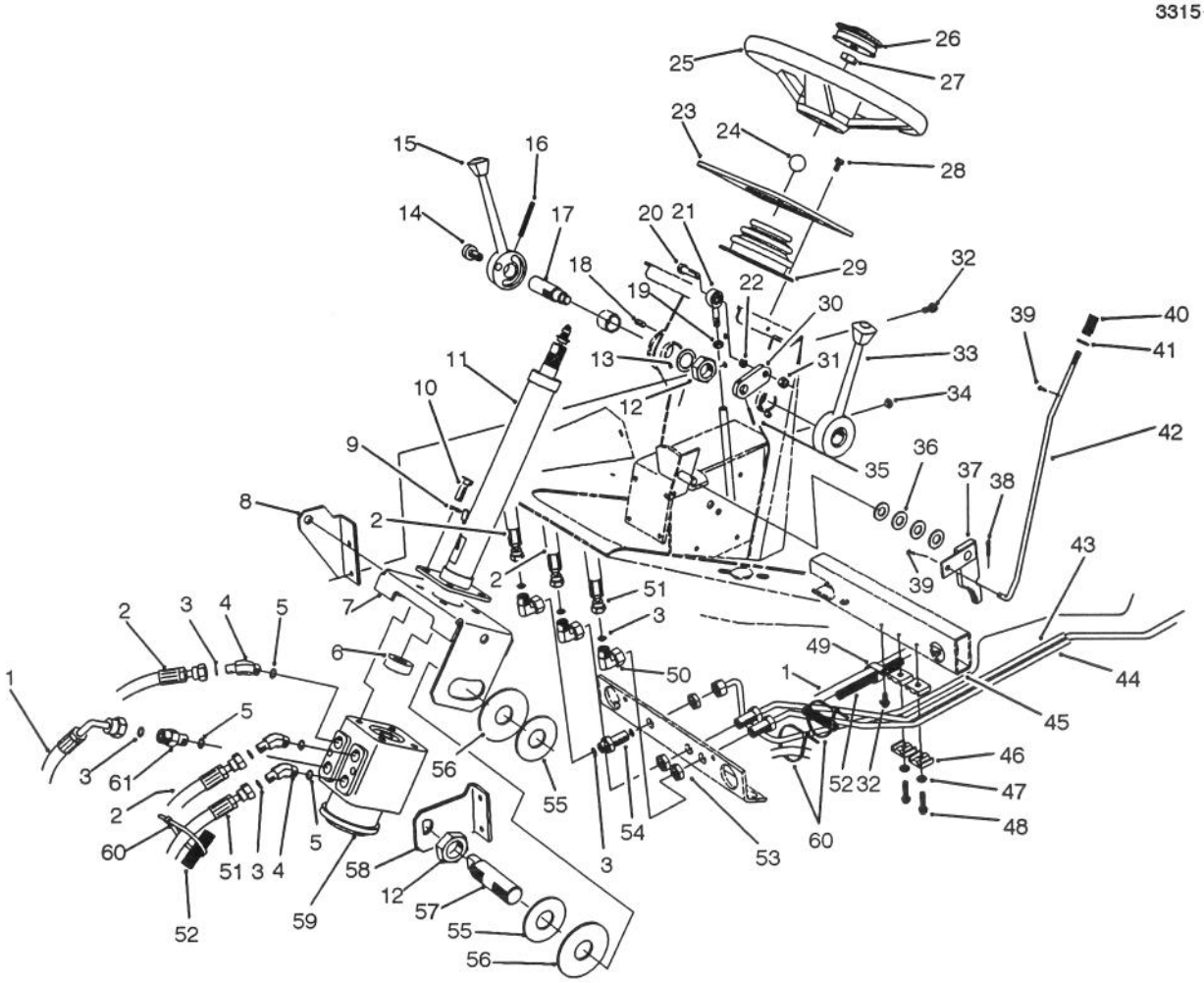
3315–636



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	92–1367	Arm – Traction Linkage	1
14	323–9	Screw – Cap Hex. Hd.	1
15	82–4960	Pad – Brake	2
16	63–7880	Latch – Brake	1
17	3234–14	Screw – Hex. Flange Hd.	2
18	76–9680	Bearing Housing Assembly (Incl. Ref. #19)	1
19	256–90	Bushing – Flange	1
20	302–2	Fitting – Grease	1
21	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	92–1379	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
44	92–1370	Decal – Warning	1

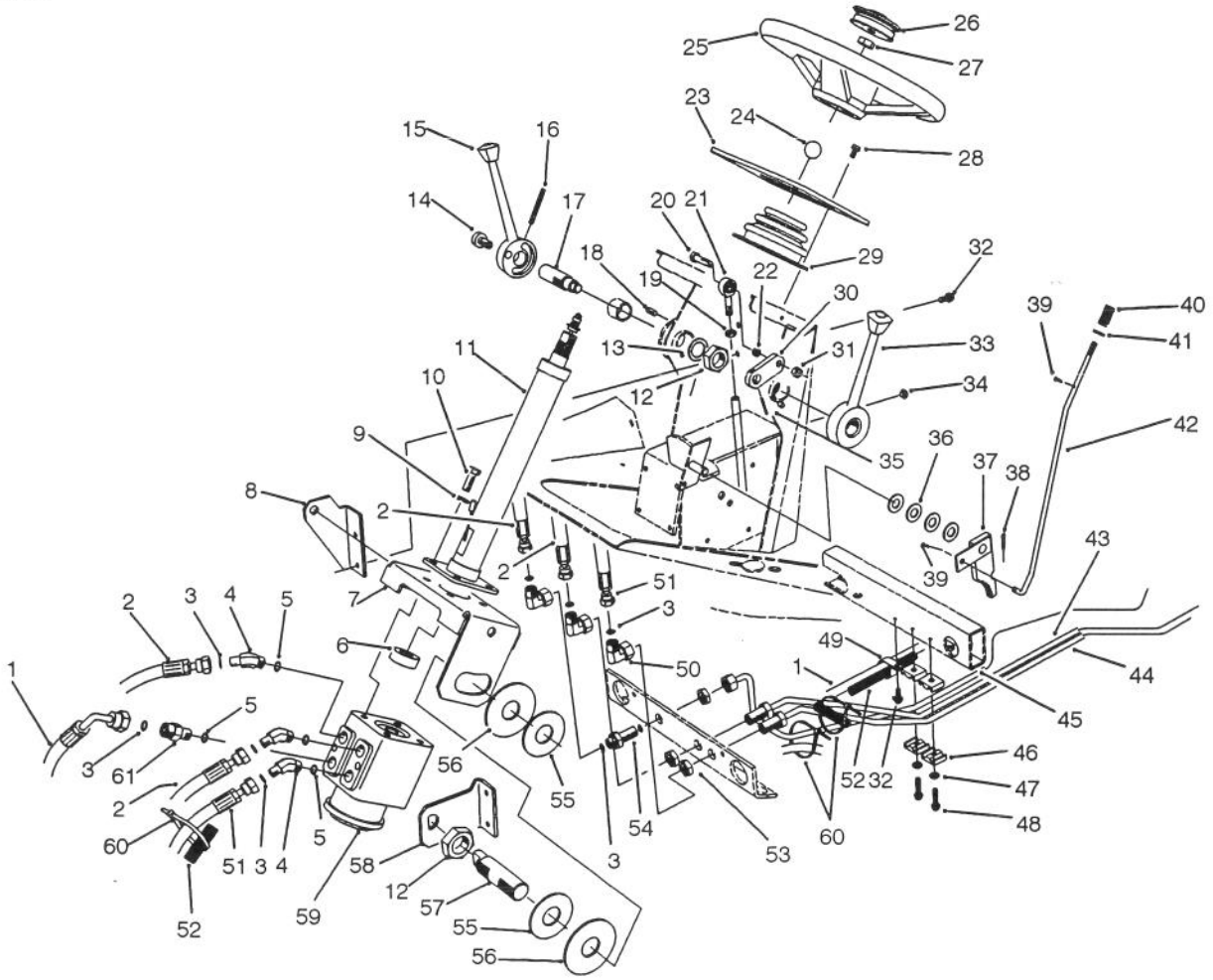


T–1516

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

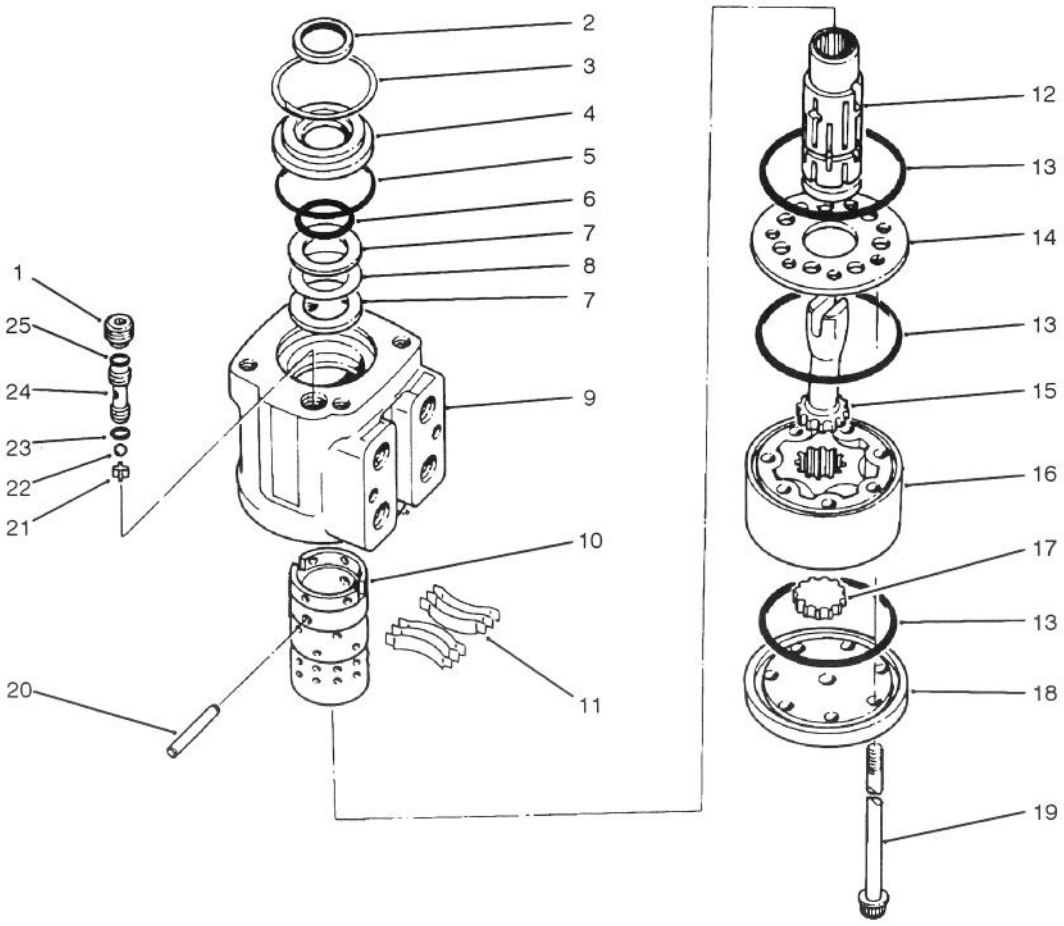
Ref. No.	Part No.	Description	No. Used
27	47–6990	Nut	1
28	32144–4	Screw – Hex. Washer Hd.	4
29	76–9450	Boot – Column, Steering	1
30	84–0680	Link – Shift	1
31	3296–59	Nut – Lock	1
32	32144–11	Screw – Hex. Washer Hd.	5
33	69–1560	Lever – Lock	1
34	2410–64	Plug – Dome	2
35	32121–6	Pin – Roll	1
36	3256–26	Washer – Flat	4
37	63–7900	Rack – Brake	1
38	3272–10	Pin – Cotter	1
39	3272–5	Pin – cotter	2
40	3–3251	Spring	1
41	3256–22	Washer – Flat	1
42	76–9050	Rod – Brake, Parking	1
43	86–5730	Assy. – Tube, R.H. Front	1
44	86–5740	Assy. – Tube, L.H. Front	1
45	86–5720	Assy. – Tube, Steering	1
46	56–7973	Clamp – Tube	4
47	3256–23	Washer – Flat	2
48	32144–57	Screw – Hex. Washer Hd.	2
49	2412–74	Clamp – R	1
50	340–159	Fitting – Hydraulic	3
51	86–3210	Assembly – Hose	1
52	86–5470	Harness – Wire	1



STEERING TOWER ASSEMBLY (Continued)

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

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	3
61	59–6430	Valve – Check	1



T-1007

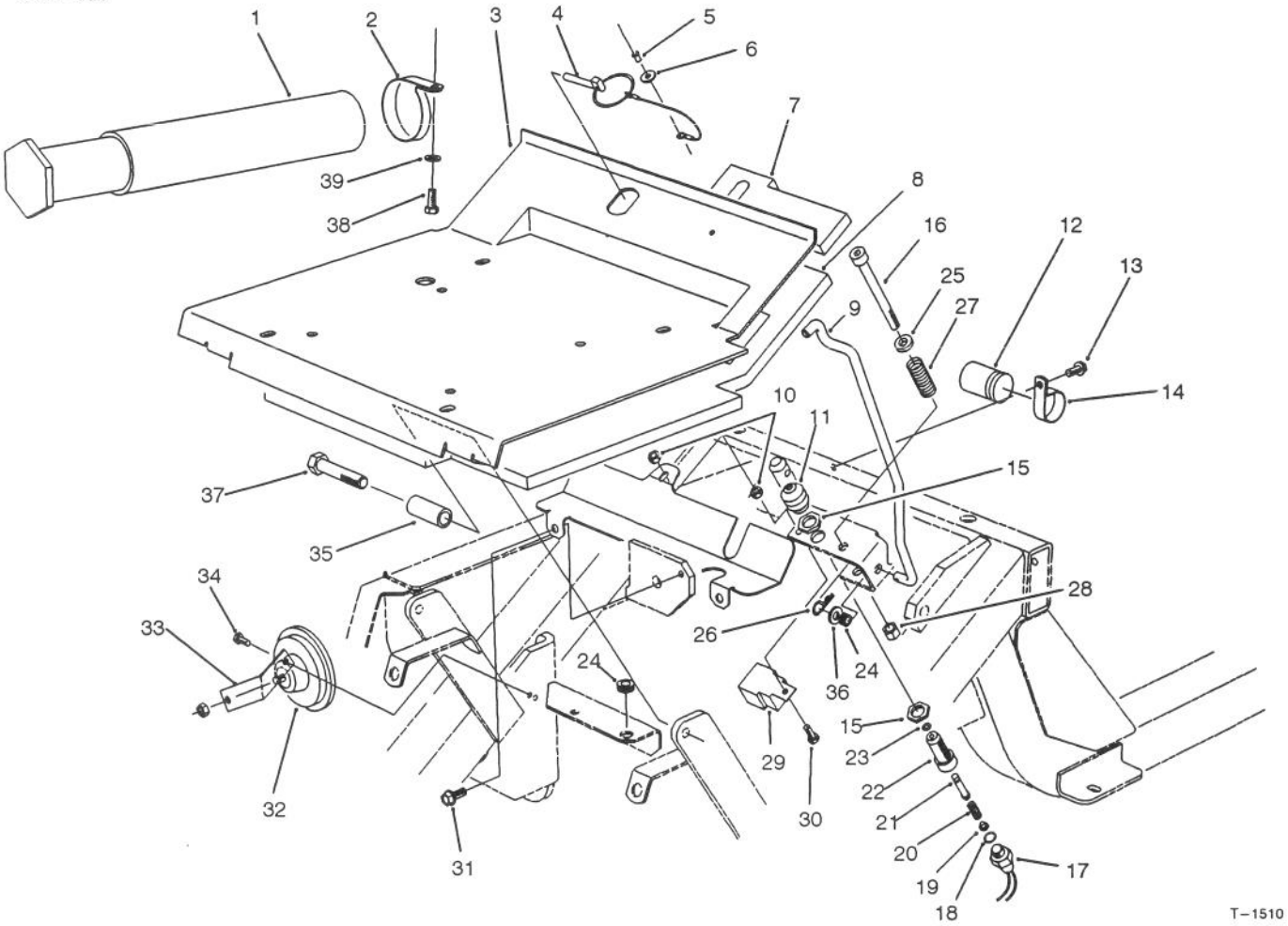
POWER STEERING VALVE NO. 74-3660

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

3315–636



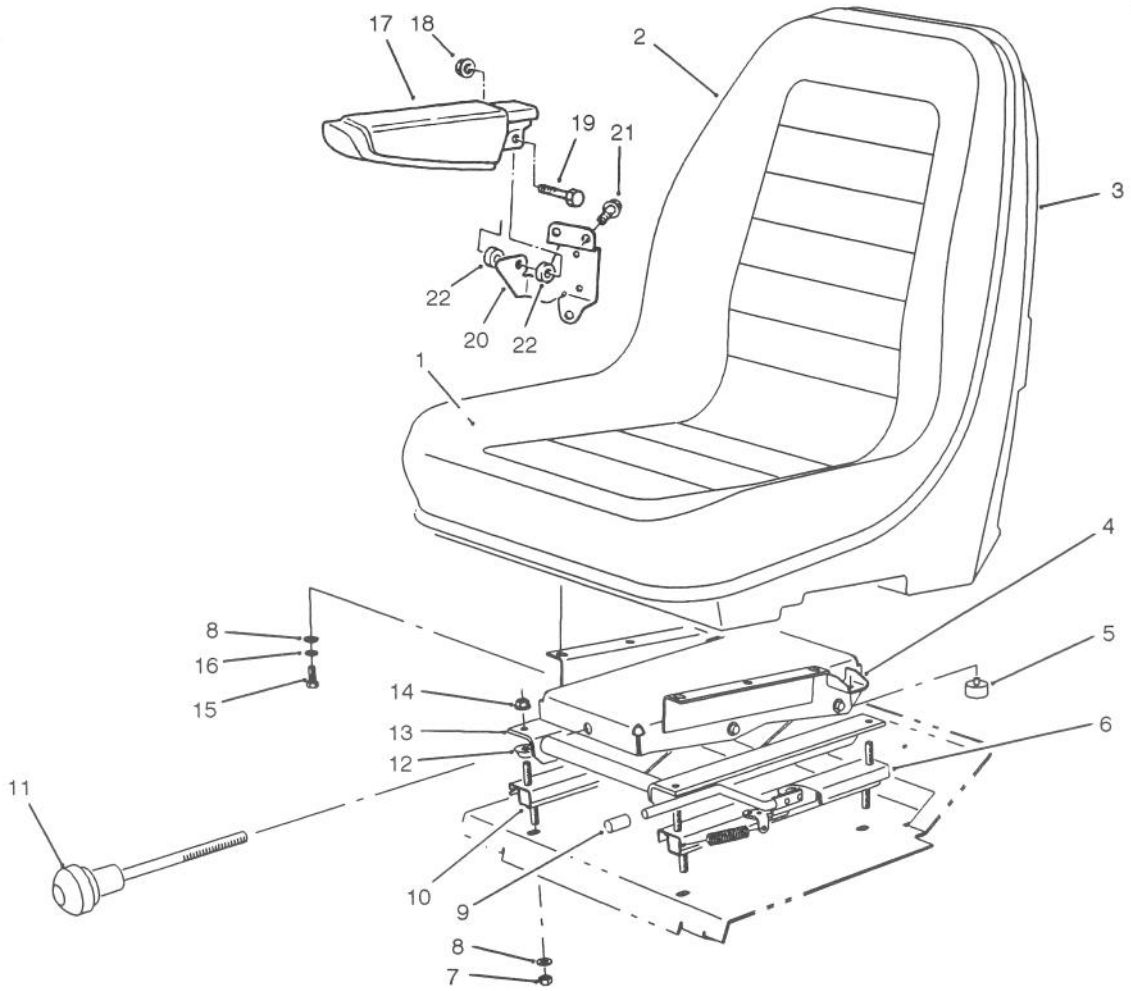
T–1510

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	92–2569	Screw – Hex. Socket Hd.	1
17	72–4320	Switch – Ball	1
18	237–30	O–Ring	1
19	43–8610	Guide	1
20	43–8600	Spring – Switch	1
21	43–8860	Plunger – Switch	1

Ref. No.	Part No.	Description	No. Used
22	43–8620	Guide – Pin, Switch	1
23	237–7	O–Ring	1
24	237–136	Grommet	2
25	80–7730	Spacer	1
26	3290–307	Pin – Cotter, Hair	1
27	88–1420	Spring – Compression	1
28	3296–39	Nut – Lock	1
29	63–7590	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	3256–3	Washer – Flat	1
37	325–9	Screw – Cap Hex. Hd.	2
38	322–2	Screw – Cap Hex. Hd.	2
39	3256–23	Washer – Flat	2
*	43–9071	Assy. – Switch, Seat (Incl. Ref. #11, 15, & 17–23)	1

*Not Illustrated



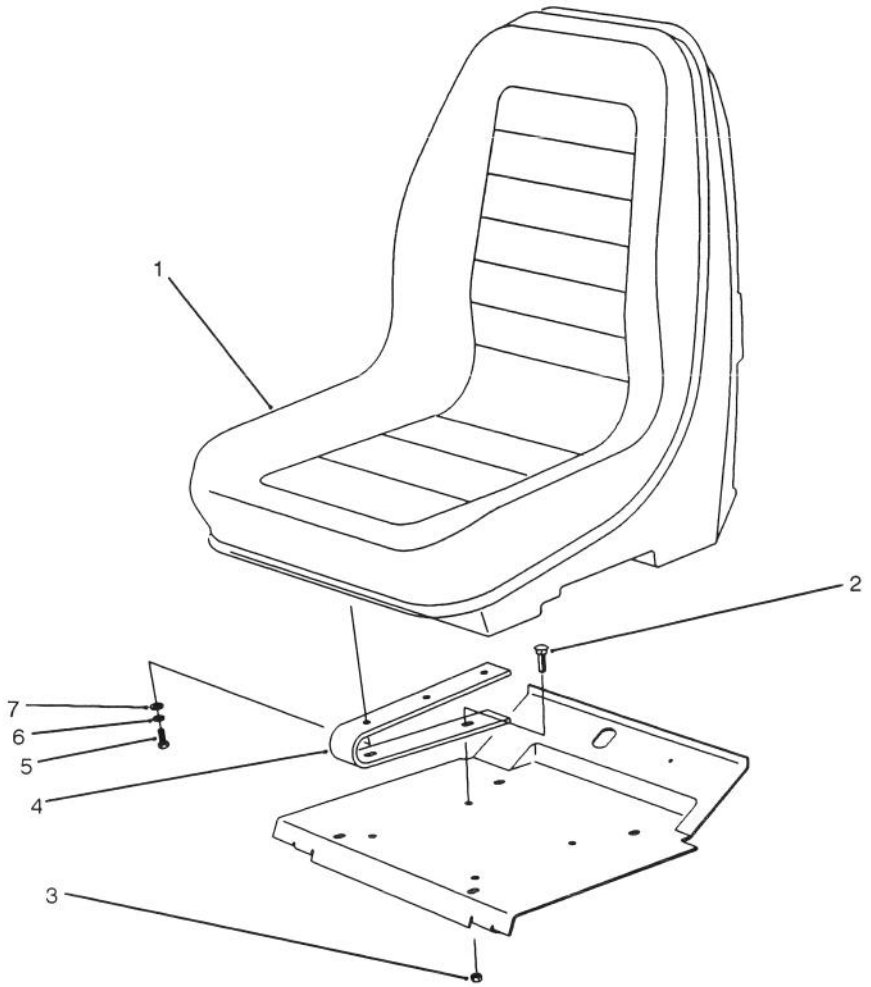
T–1131

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
12	66–9290	Spacer – Suspension	4

Ref. No.	Part No.	Description	No. Used
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
17	69–1180	Armrest	2
18	32128–19	Nut – Flange Lock	2
19	323–9	Screw – Cap Hex. Hd.	2
20	69–0770	Bracket – Armrest R.H.	1
*	69–0760	Bracket – Armrest L.H.	1
21	3234–14	Screw – Hex. Flange Hd.	6
22	69–1260	Spacer	4
*	76–1970	Suspension	1

*Not Illustrated

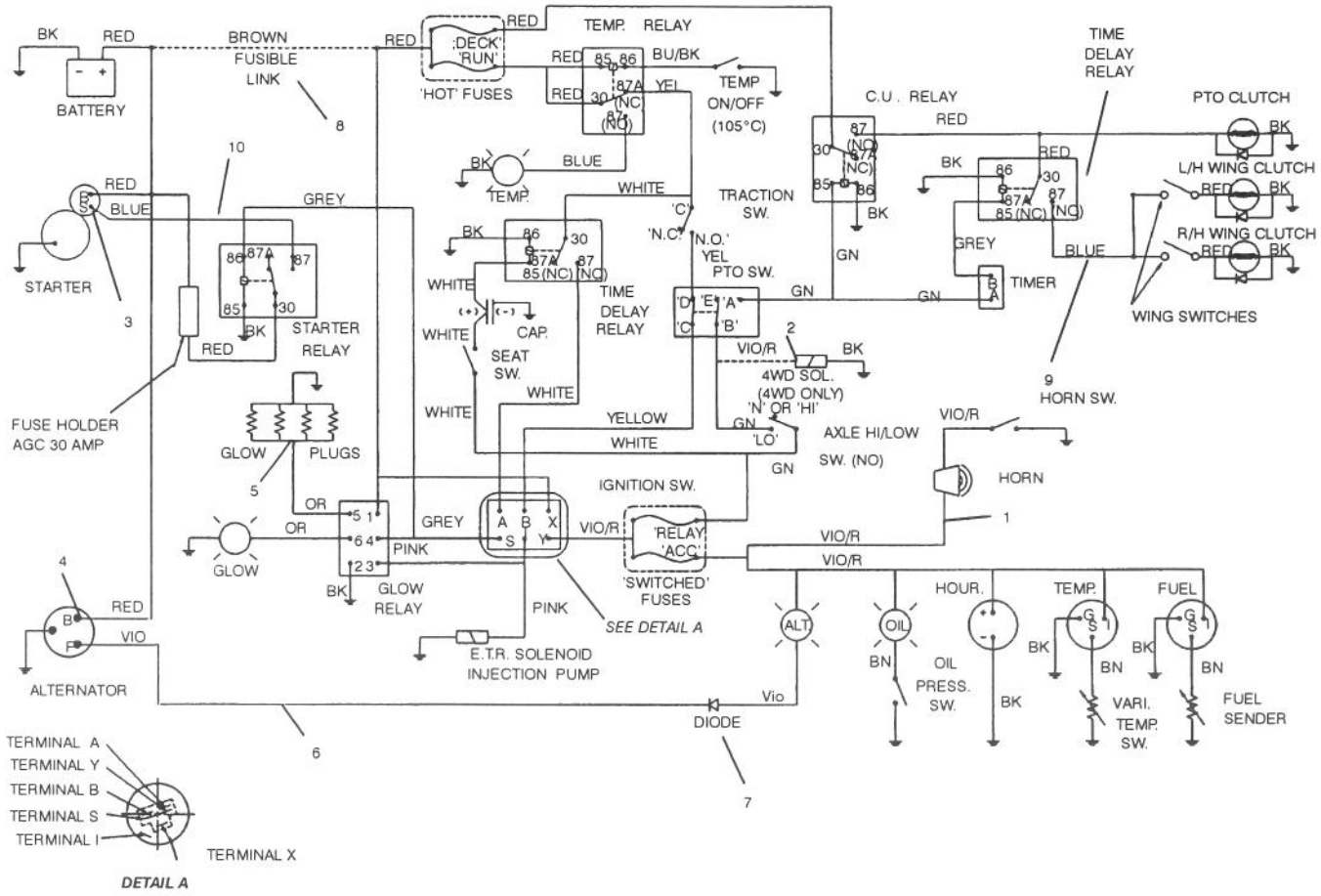


T-1312

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

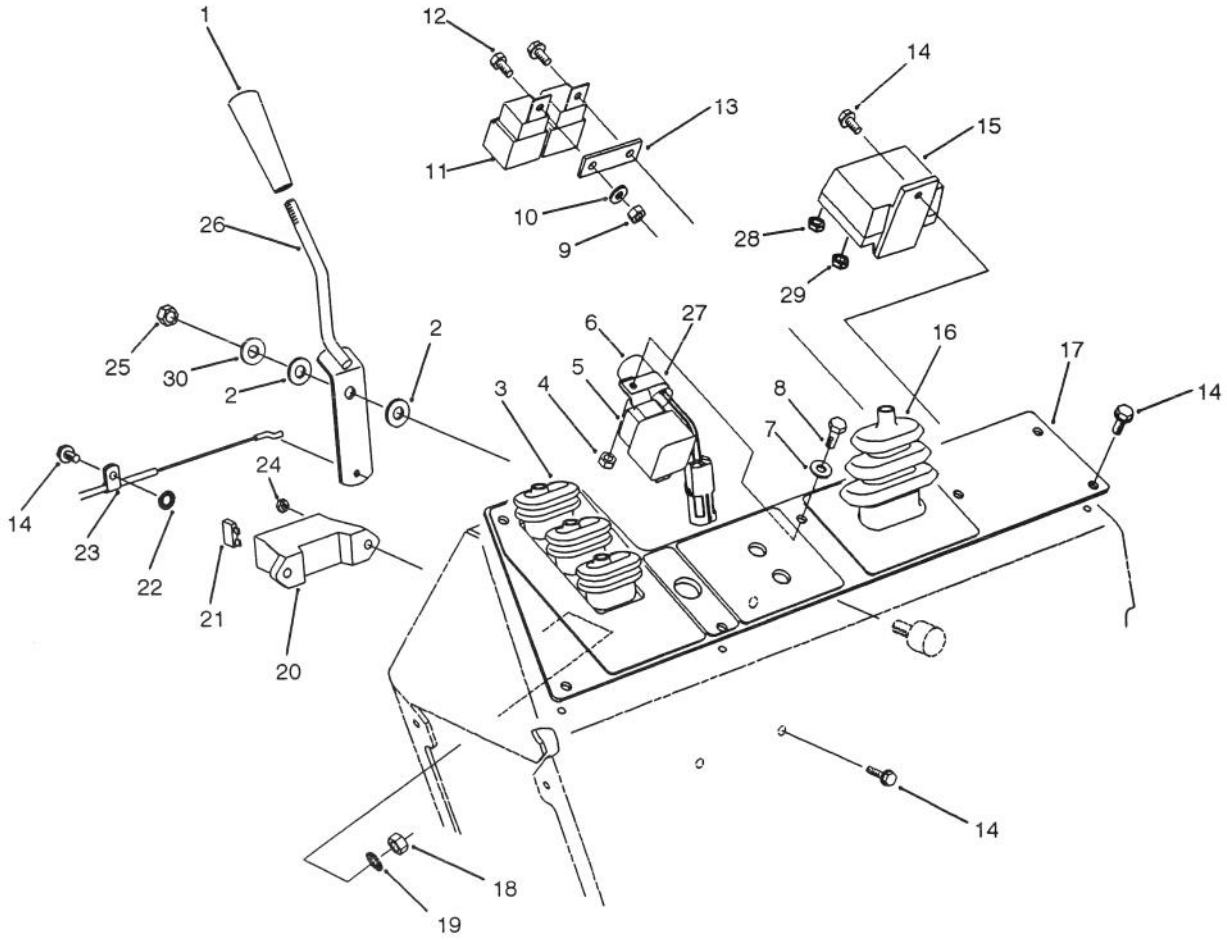


T-1494

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



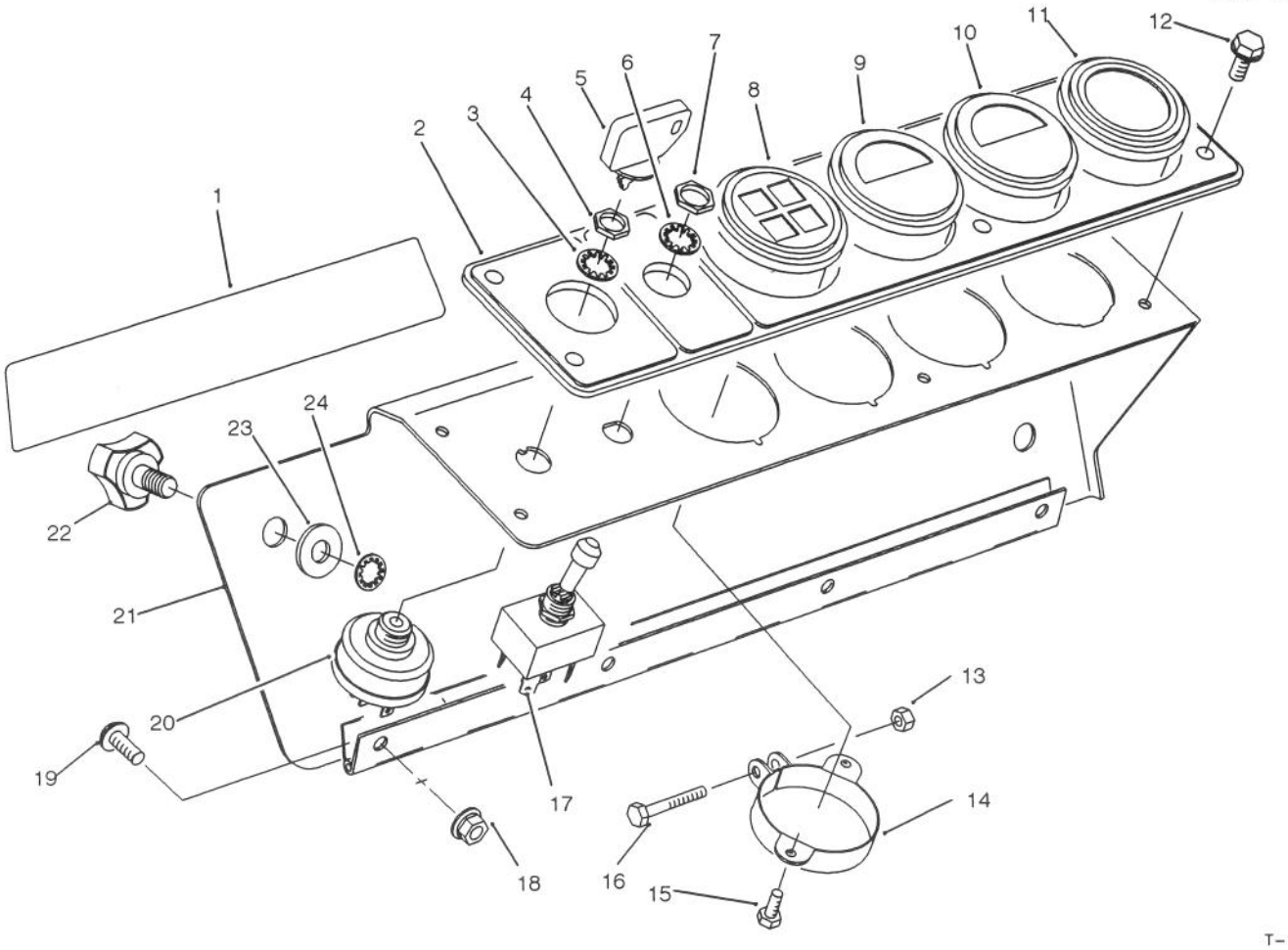
T–1492

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	3256–78	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	1
27	2412–39	R–Clamp	1
28	48–7880	Nut – Hex.	1
29	48–7890	Nut	1
30	3256–24	Washer	1

*Not Illustrated



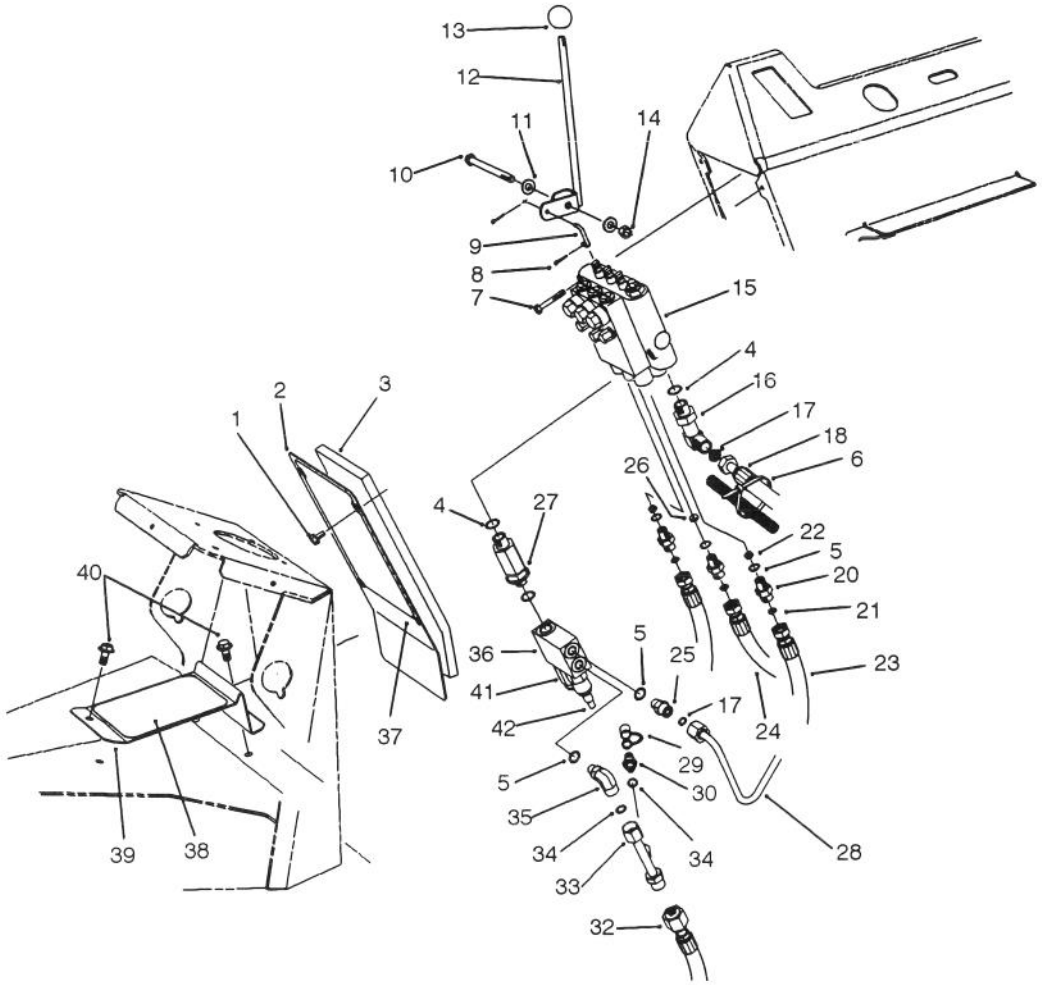
T–1517

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



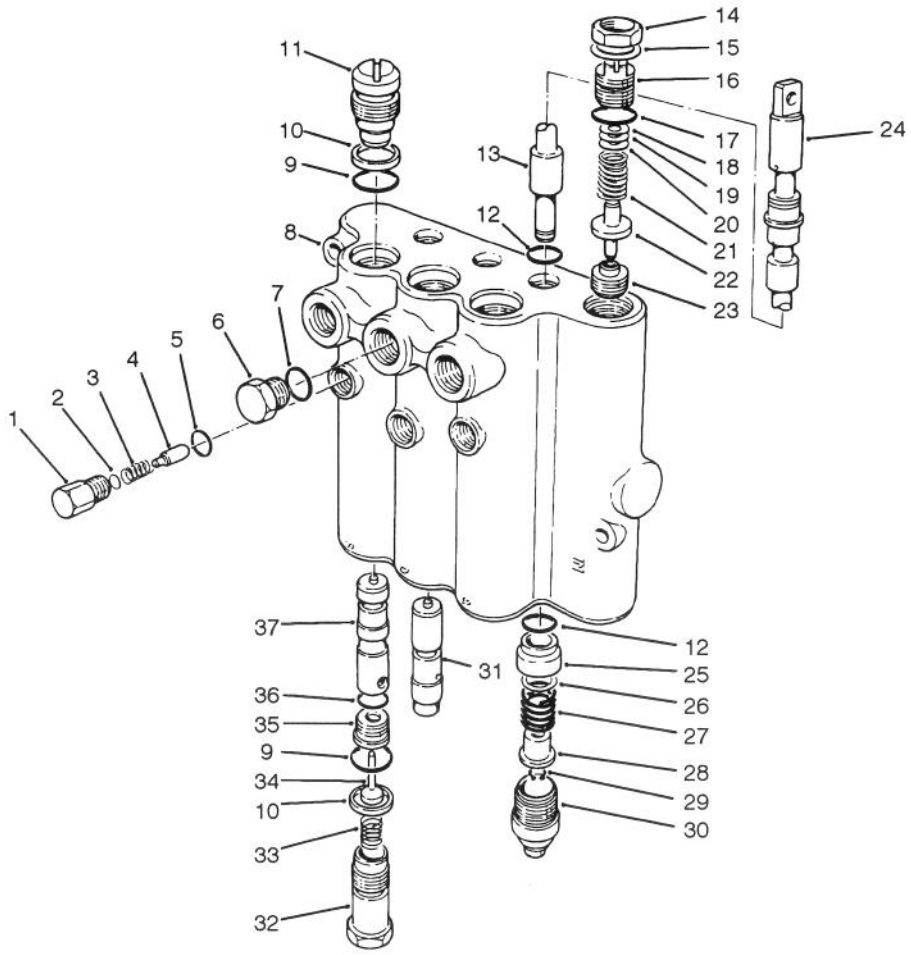
T-1504

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	5
6	3290-379	Tie - Cable	1
7	321-10	Screw - Cap Hex. Hd.	2
8	3272-1	Pin - Cotter	6
9	69-9140	Link - Lever, Valve	3
10	323-17	Screw - Cap Hex. Hd.	1
11	3256-24	Washer - Flat	2
12	74-6060	Lever W.A. - Valve, R.H.	1
*	74-6050	Lever W.A. - Valve, Center	1
*	69-7010	Lever W.A. - Valve, L.H.	1
13	233-42	Knob	3
14	3296-39	Nut - Lock	1
15	92-1398	Lift Valve Assembly	1
16	63-4090	Fitting - Adapter 90°	1
17	237-22	O-Ring	2
18	86-3240	Assembly - Hose	1
20	88-1380	Fitting - Adapter	3
21	237-21	O-Ring	3

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



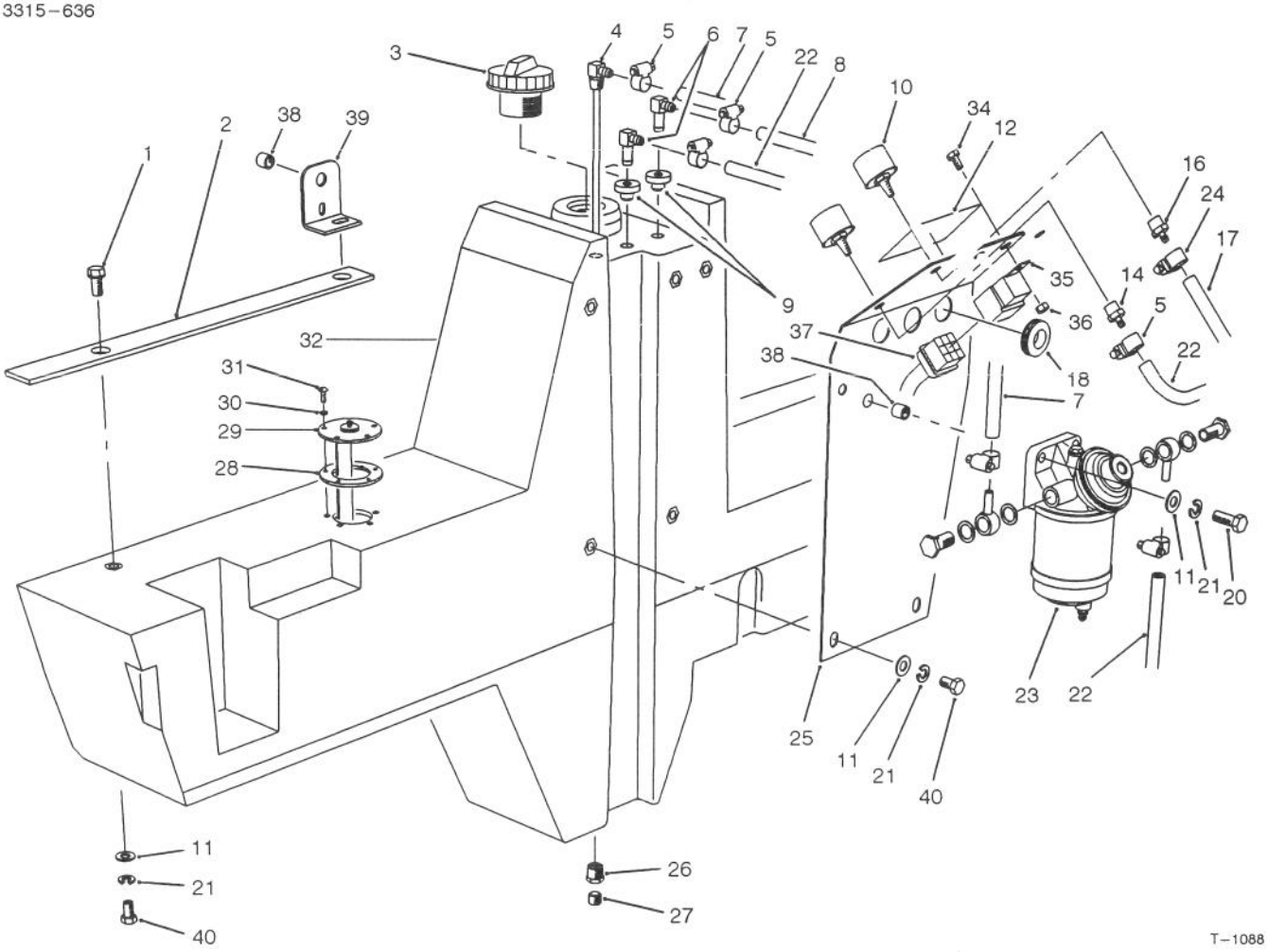
T–0379

LIFT VALVE ASSEMBLY NO. 92–1398

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

Ref. No.	Part No.	Description	No. Used
20	58–6490	Washer	A/R
21	92–2567	Spring	1
22	92–2568	Poppet	1
†23		Seat	1
24	58–6320	Wiper – Seal	3
25	58–6400	Bushing	3
26	58–6700	Washer	3
27	58–6730	Spring	3
28	58–6310	Spacer	3
29	58–6460	Ring – Retaining	3
30	58–6420	Cap Assembly	3
31	84–6430	Plunger	1
32	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	84–6420	Plunger	2
*	60–3780	Seal Kit (Incl. Ref. #5, 7, 9, 10, 12, 12, 17, 24, 29, 34, & 36)	1

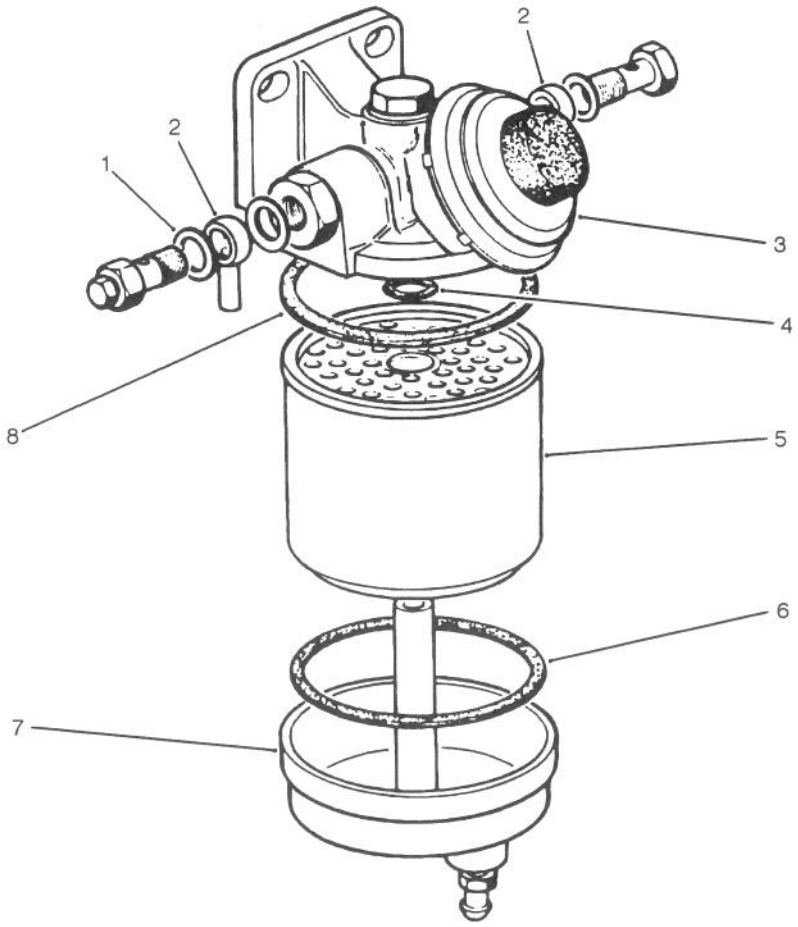
*Not Illustrated
†Not Serviceable Separately



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	6
6	46–6550	Fitting – Fuel 90°	2
7	63–7626	Hose – Fuel	1
8	63–7627	Hose – Fuel	1
9	46–6560	Bushing – Rubber	2
10	68–6150	Breather	2
11	3256–24	Washer – Flat	9
12	76–8780	Decal – Fuel	1
14	354–95	Fitting – Barb	1
16	354–94	Fitting – Barb	1
17	74–9122	Hose – Vent	1
18	240–6	Grommet	3
20	323–7	Screw – Cap Hex. Hd.	2
21	3253–21	Washer – Lock	9
22	63–7622	Hose – Fuel	2

Ref. No.	Part No.	Description	No. Used
23	76–5200	Fuel Filter Assembly	1
24	2412–36	.Clamp – Hose	1
25	14–0859	Fuel Tank Plate Assembly (Incl. Ref. #38)	1
26	2812–1	Fitting – Reducing Bushing	1
27	285–22	Plug – Pipe	1
28	62–7650	Gasket – Sending Unit	1
29	74–5860	Sending Unit – Fuel	1
30	3253–15	Washer – Lock	5
31	32122–24	Screw – Round Hd.	5
32	74–5580	Tank – Fuel	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.	7



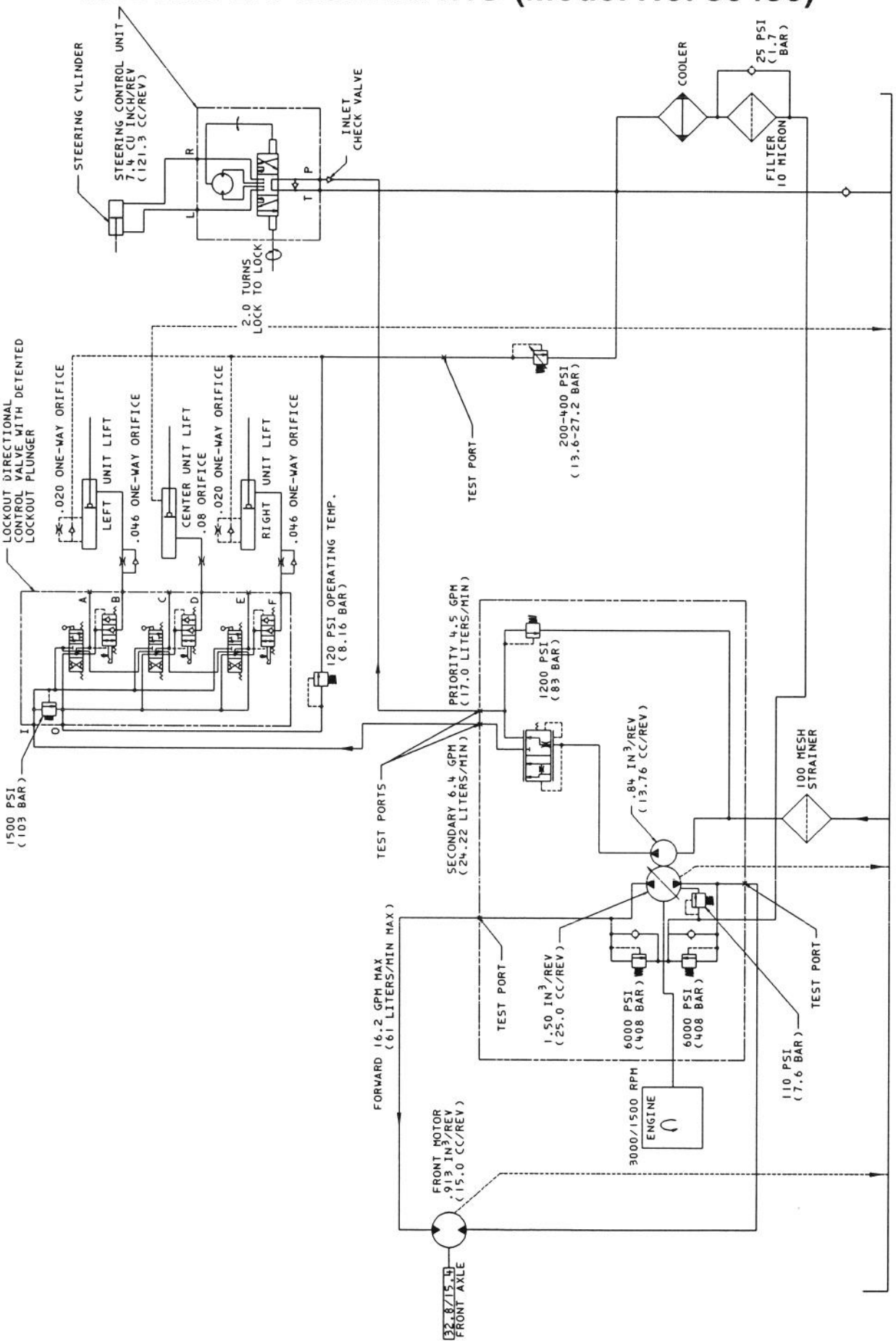
T–0966

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

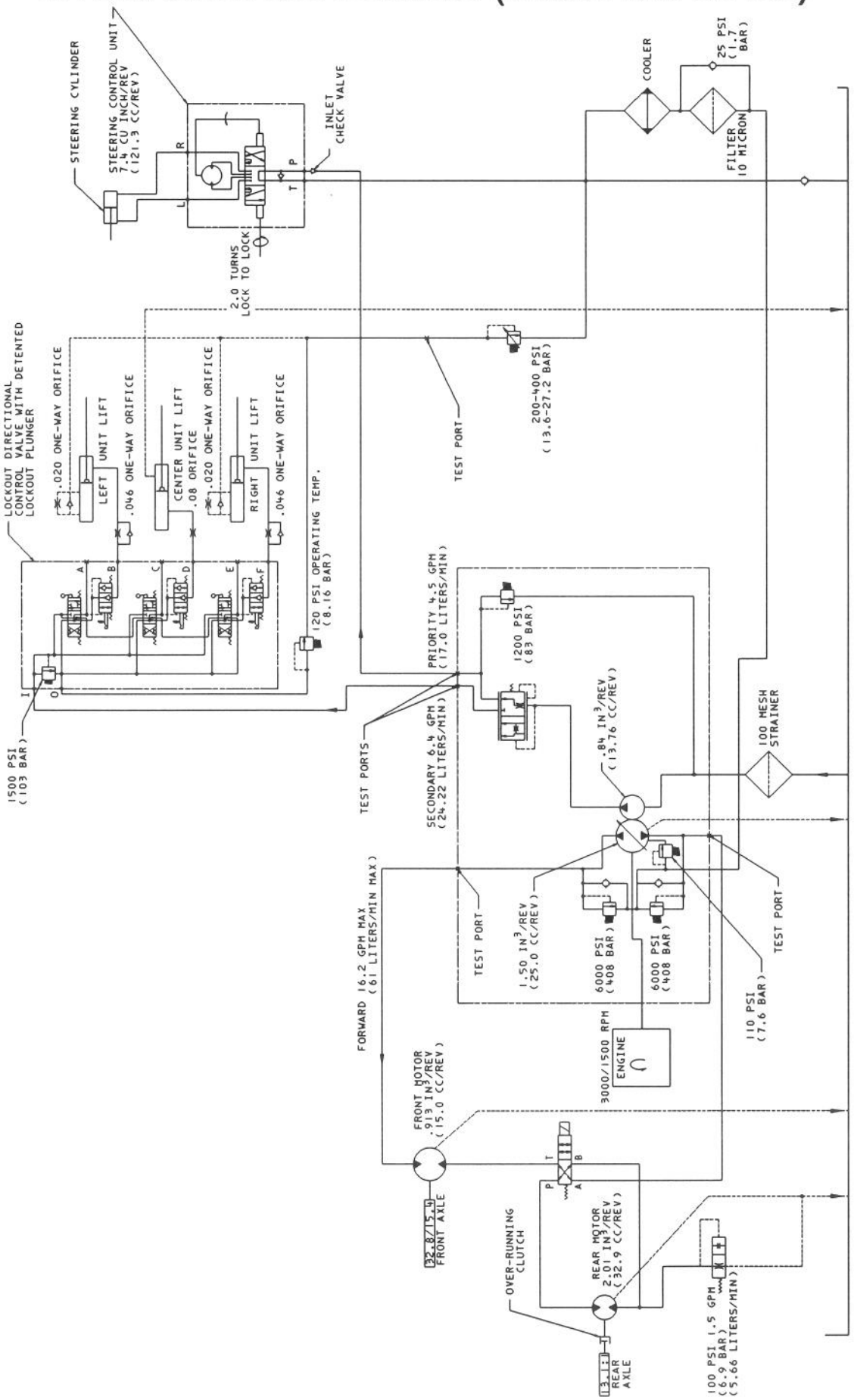
Ref. No.	Part No.	Description	No. Used
5	76–5220	Element – Filter (Incl. Ref. #4. 6 & 8)	1
6		Seal – Gasket	1
7		Cap – Fuel Filter	1
8		Seal – Gasket	1

HYDRAULIC SCHEMATIC (Model No. 30450)

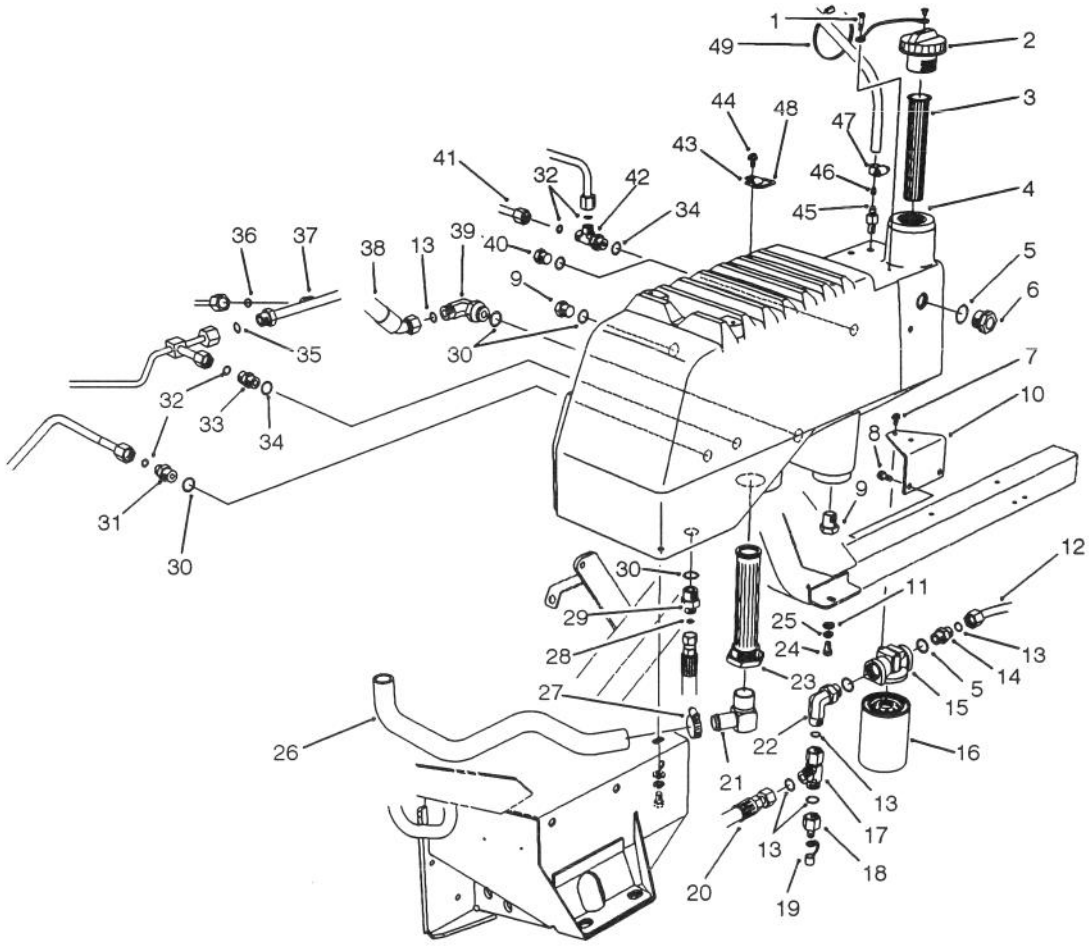


T-1495

HYDRAULIC SCHEMATIC (Model No. 30455)



T–1496

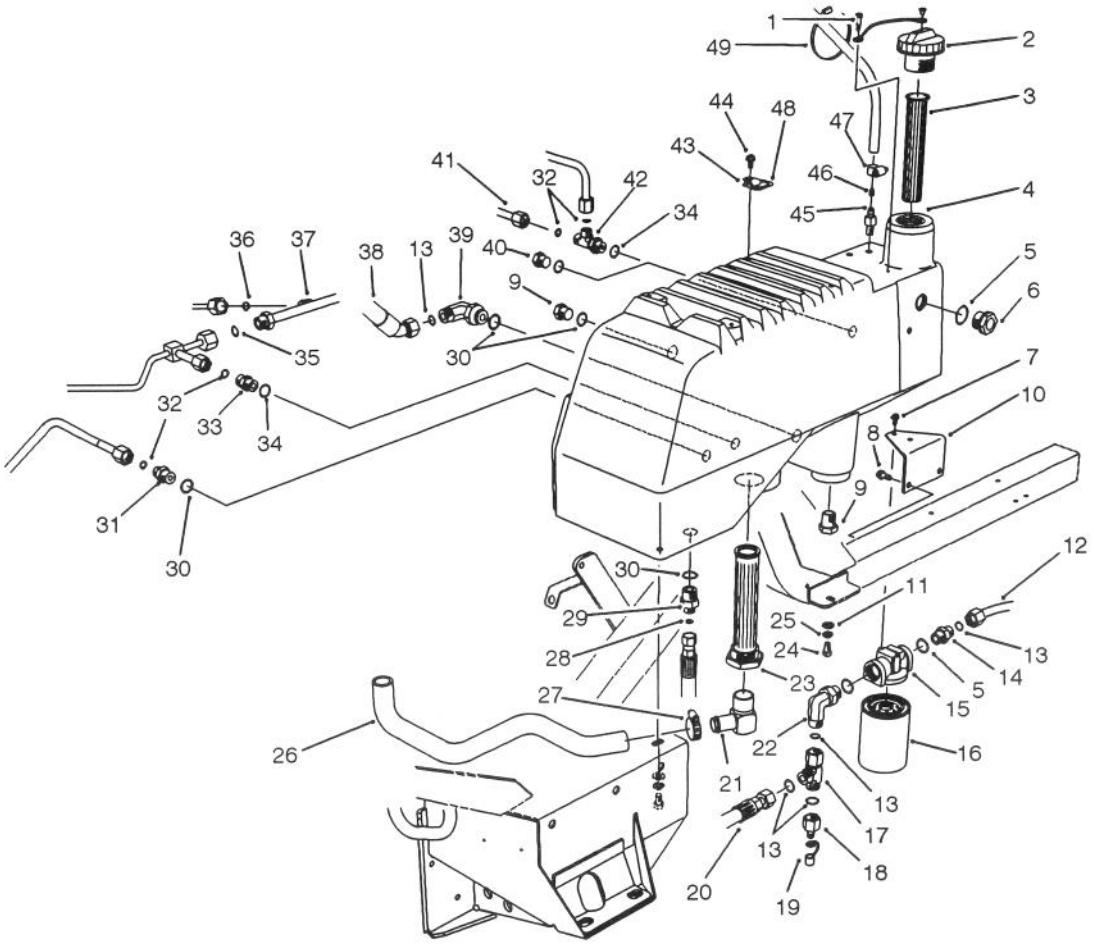


T–1509

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	Hydraulic Tube Assembly	1
38	86–3150	Assembly – Hose	1
39	340–17	Fitting – Hydraulic 90°	1
40	353–550	Plug (2wd Only)	1
41	74–6230	Assy. – Tube, Traction (4wd Only)	1
42	340–109	Fitting – Tee (4wd Only)	1
43	76–9950	Bracket – Ring	4
44	32144–4	Screw – Thread Forming	4

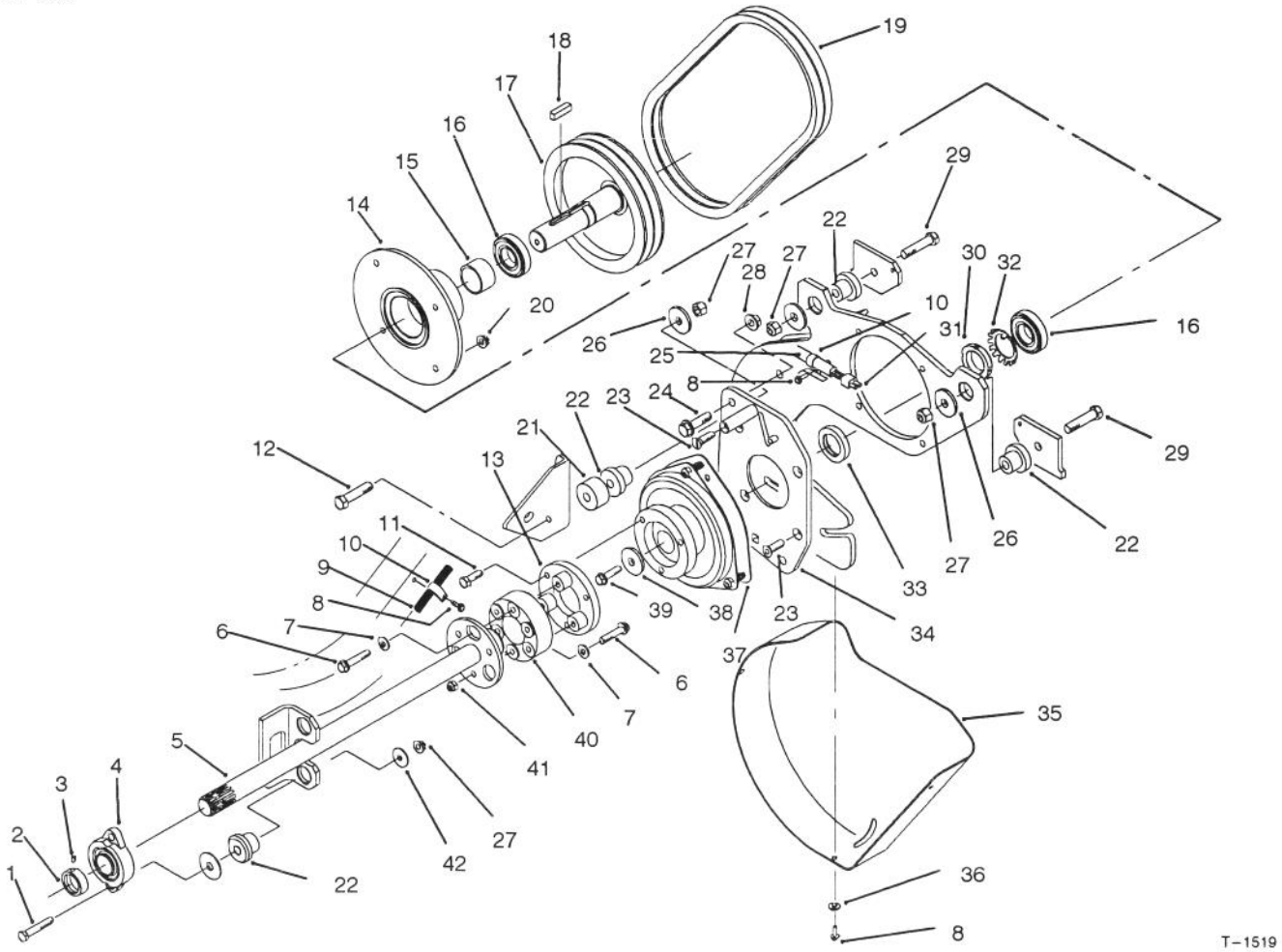


T–1509

HYDRAULIC RESERVOIR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	354–103	Male Hose Barb	1
46	74–4080	Orifice – Breather	1
47	2412–36	Clamp – Hose	1

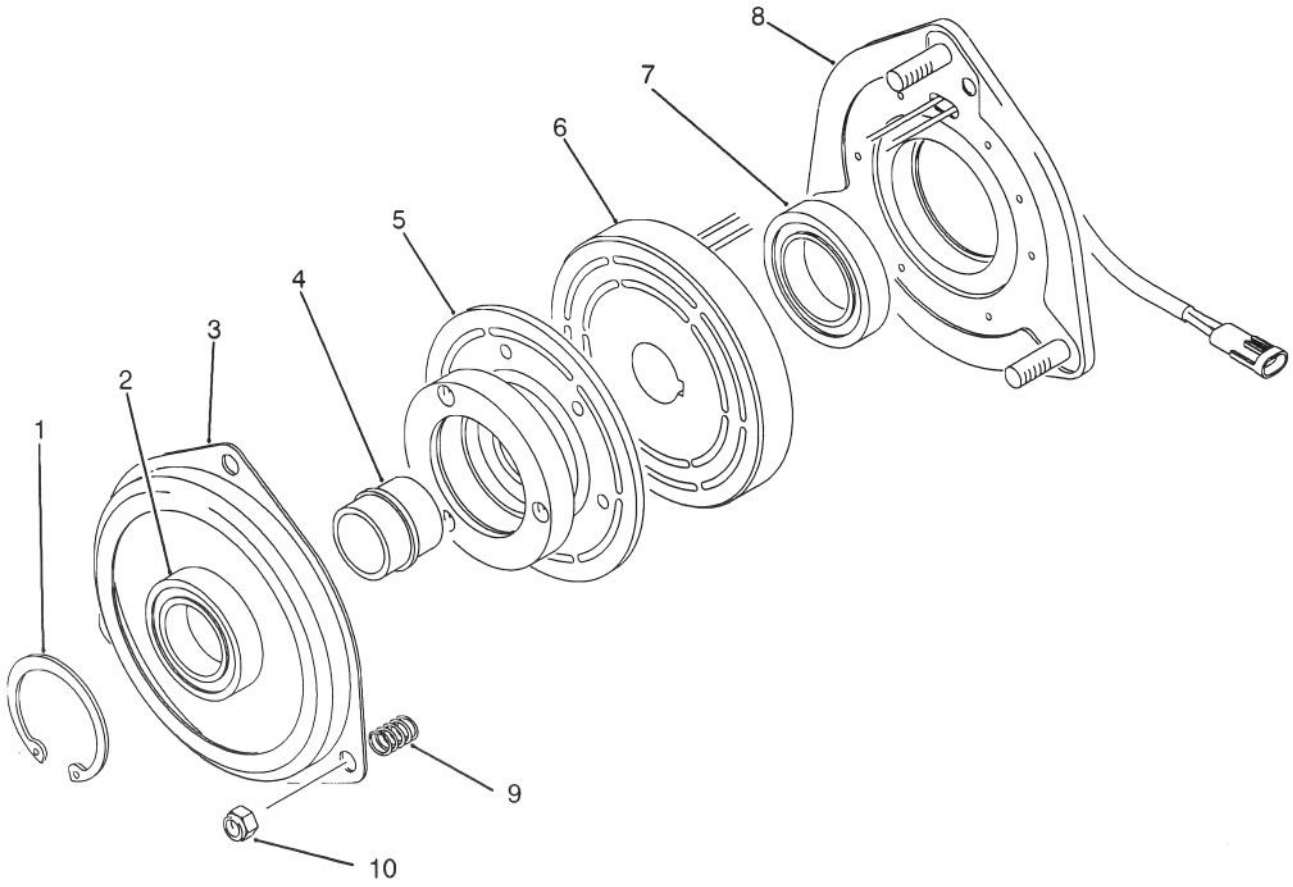
Ref. No.	Part No.	Description	No. Used
48	249–49	Ring	1
49	3290–378	Tie – Cable	1



PTO SHAFT & CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3274–71	Screw – Soc. Hex. Hd.	2
2		Collar – Bearing	1
3		Screw – Set	1
4	86–5620	Bearing (Incl. Ref. 2 & 3)	1
5	84–1320	Shaft – P.T.O.	1
6	66–9303	Screw – Flange Head	6
7	3256–24	Washer – Flat	6
8	32144–11	Screw – Hex. Washer Hd.	5
9	86–5470	Harness – Wire	1
10	2412–109	Clamp–J	2
11	48–9470	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	3296–39	Nut – Lock	3
42	86–1990	Washer	4

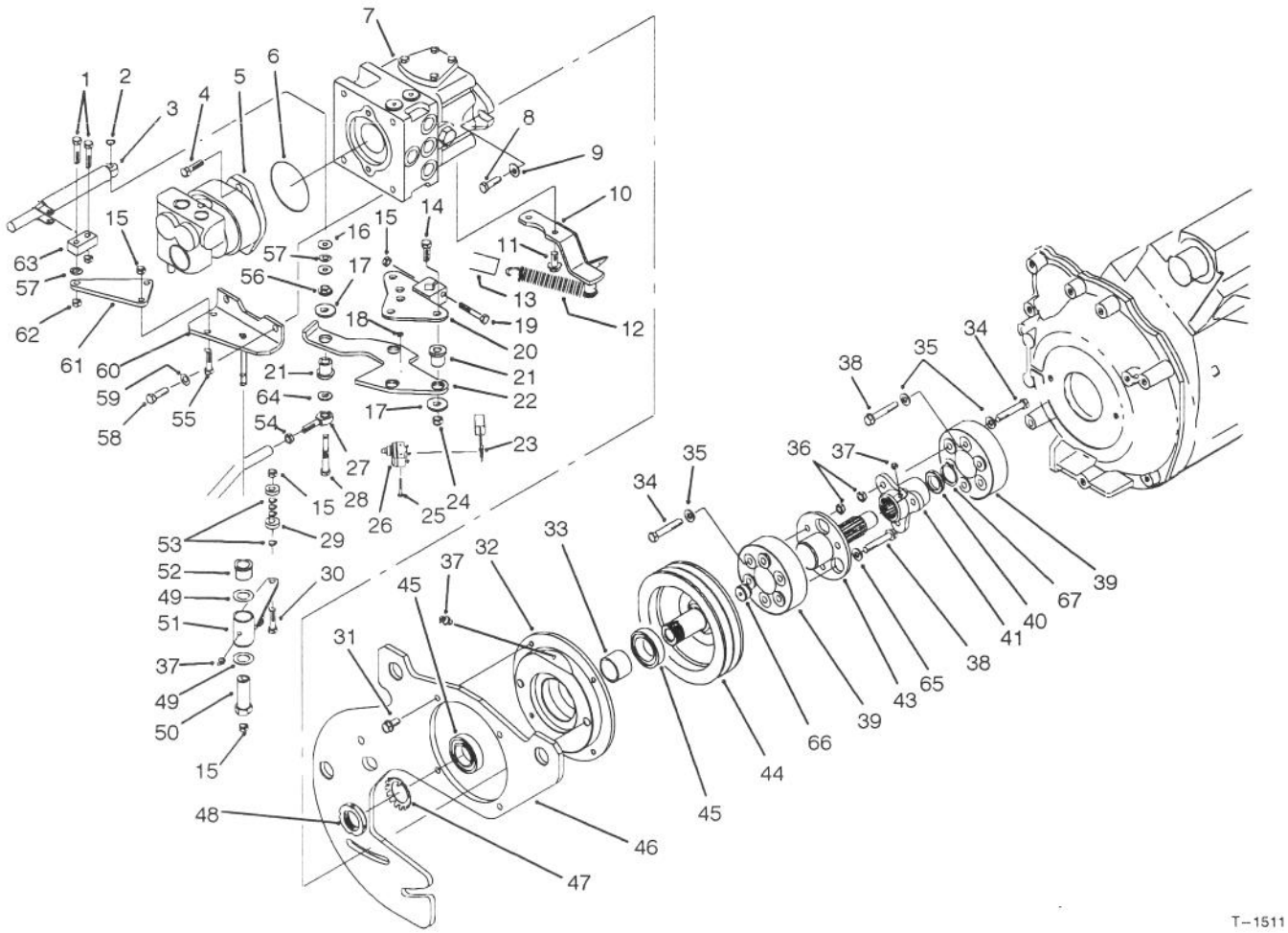


T–1523

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

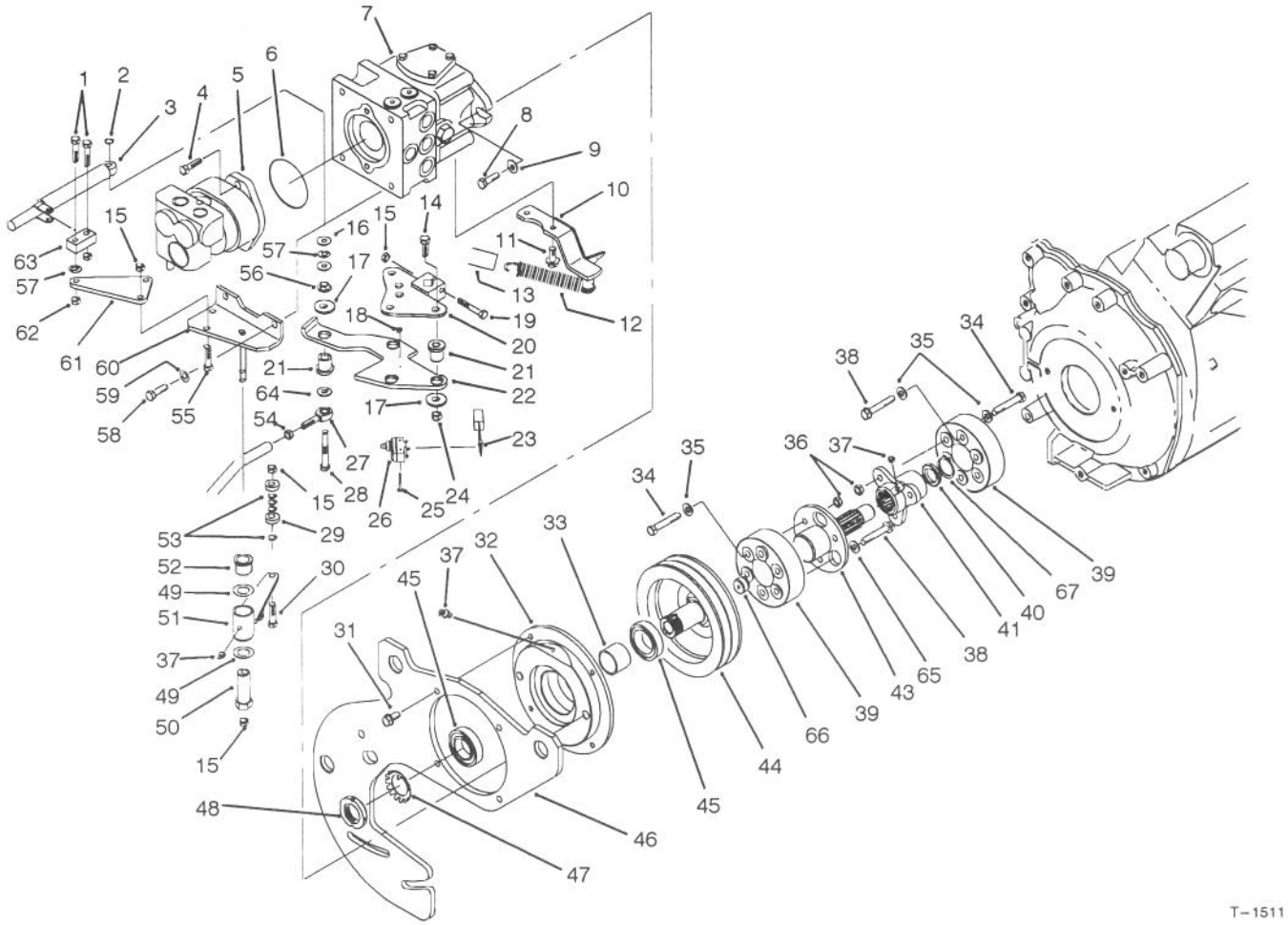
Ref. No.	Part No.	Description	No. Used
6		Assembly – Field Coil	1
7		Bearing – Field	1
8	88–1610	Assembly – Field Rotor (Incl. Ref. #6 &7)	1
9	44–8320	Spring	3
10	3296–6	Nut – Lock	3



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	323–47	Screw – Cap Hex. Hd.	6
35	3256–24	Washer – Flat	9
36	3296–39	Nut – Lock	6
37	302–5	Fitting – Grease	3
38	66–9303	Screw – Hex. Flange Hd.	6
39	86–3040	Coupling – Rubber	2
40	253–43	Seal – Grease	1
41	84–1330	Hub – Splined	1
43	84–1030	Driveshaft	1
44	84–0170	Pulley – P.T.O.	1
45	251–314	Bearing	2
46	86–2830	Plate W.A. – Adapter, Main	1
47	88–1440	Washer – Lock	1
48	88–1430	Nut – Lock, Bearing	1
49	3–6498	Washer	2
50	76–8640	Stud – Traction	1
51	92–2581	Neutral Switch Arm Assy. (Incl. Ref. #37 & 52)	1
52	256–113	Bushing	2

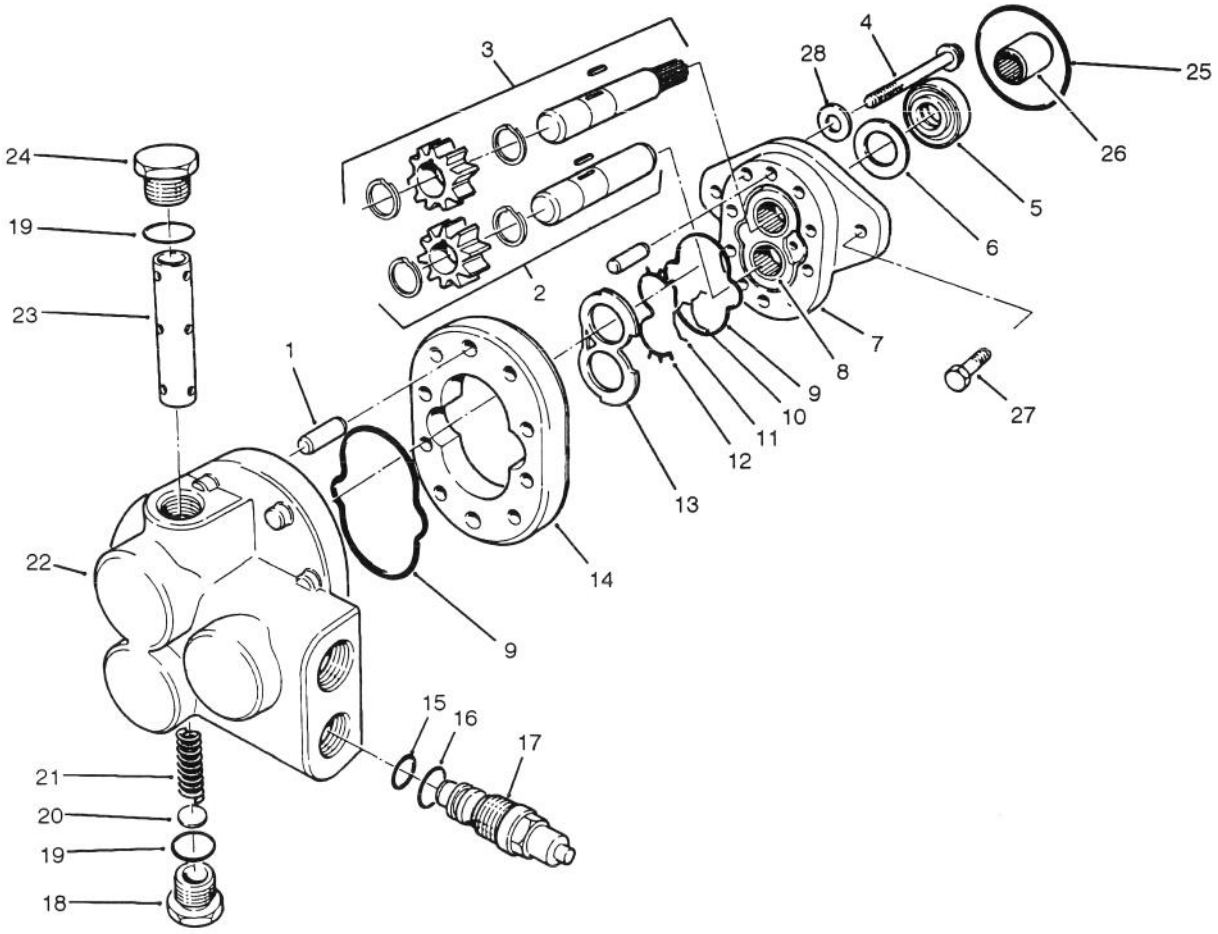


T–1511

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
60	84–1500	Bracket W.A. – Neutral	1

Ref. No.	Part No.	Description	No. Used
61	82–5240	Plate – Pivot	1
62	3296–47	Nut – Lock	2
63	76–9760	Pivot – Damper	1
64	3256–3	Washer	1
65	80–7730	Spacer	3
66	92–1351	Plug – Pulley	1
67	32120–74	Ring – Retaining	1



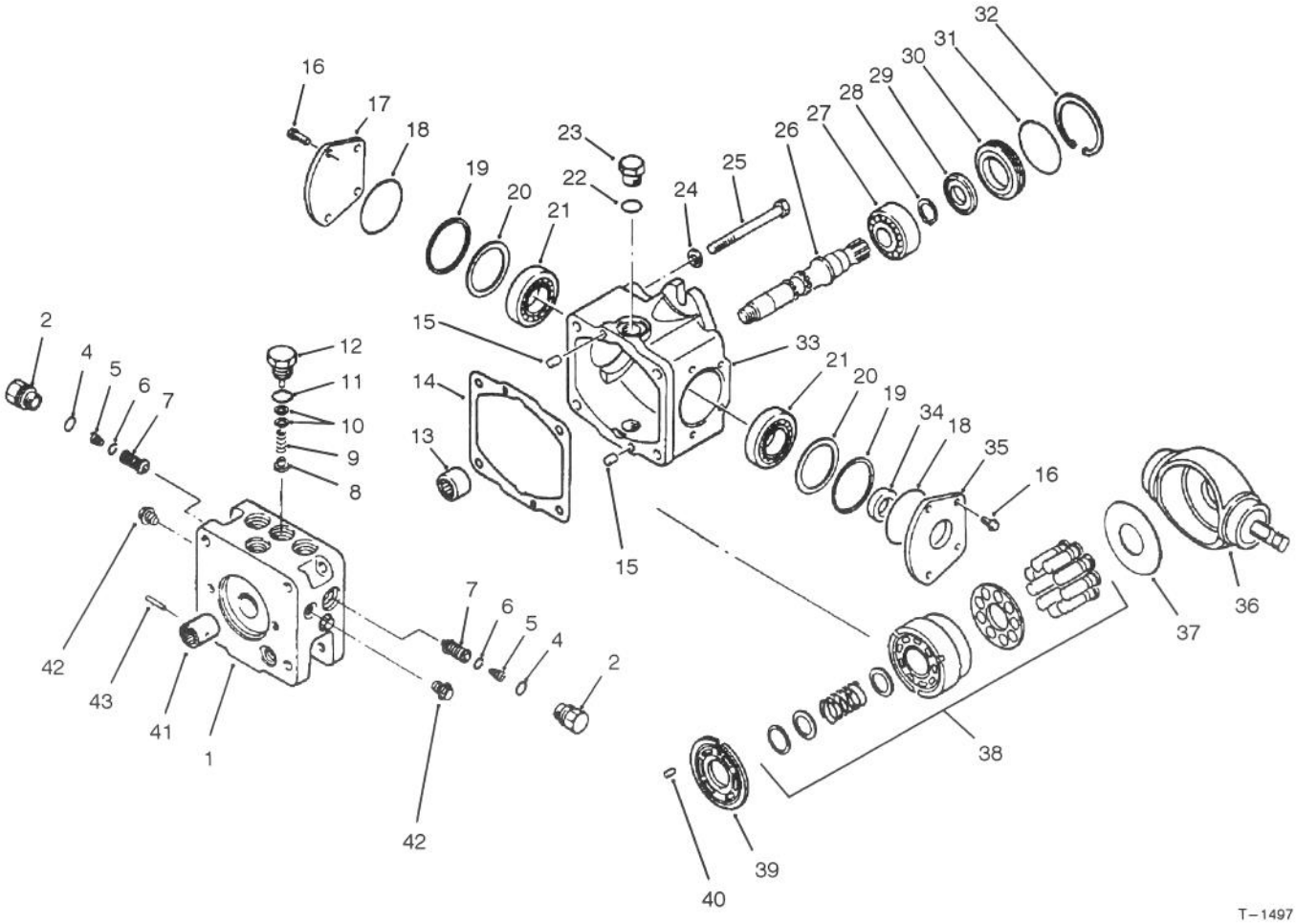
T–0995

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

Ref. No.	Part No.	Description	No. Used
†16		Seal – O–Ring	1
17	74–9000	Relief Valve Assy. (Incl. Ref. #15 & 16)	1
18	60–5710	Plug Assembly (Incl Ref. #19)	1
†19		O–Ring	2
20	60–5730	Disc	1
21	88–3770	Spring	1
†22	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
27	74–9040	Coupling	1
28	323–7	Screw–Cap, Hex. Hd.	2
*	74–9020	Backplate Repair Kit	1
*	74–9010	Kit – Seal	1

*Not Illustrated
†Not Serviced Separately

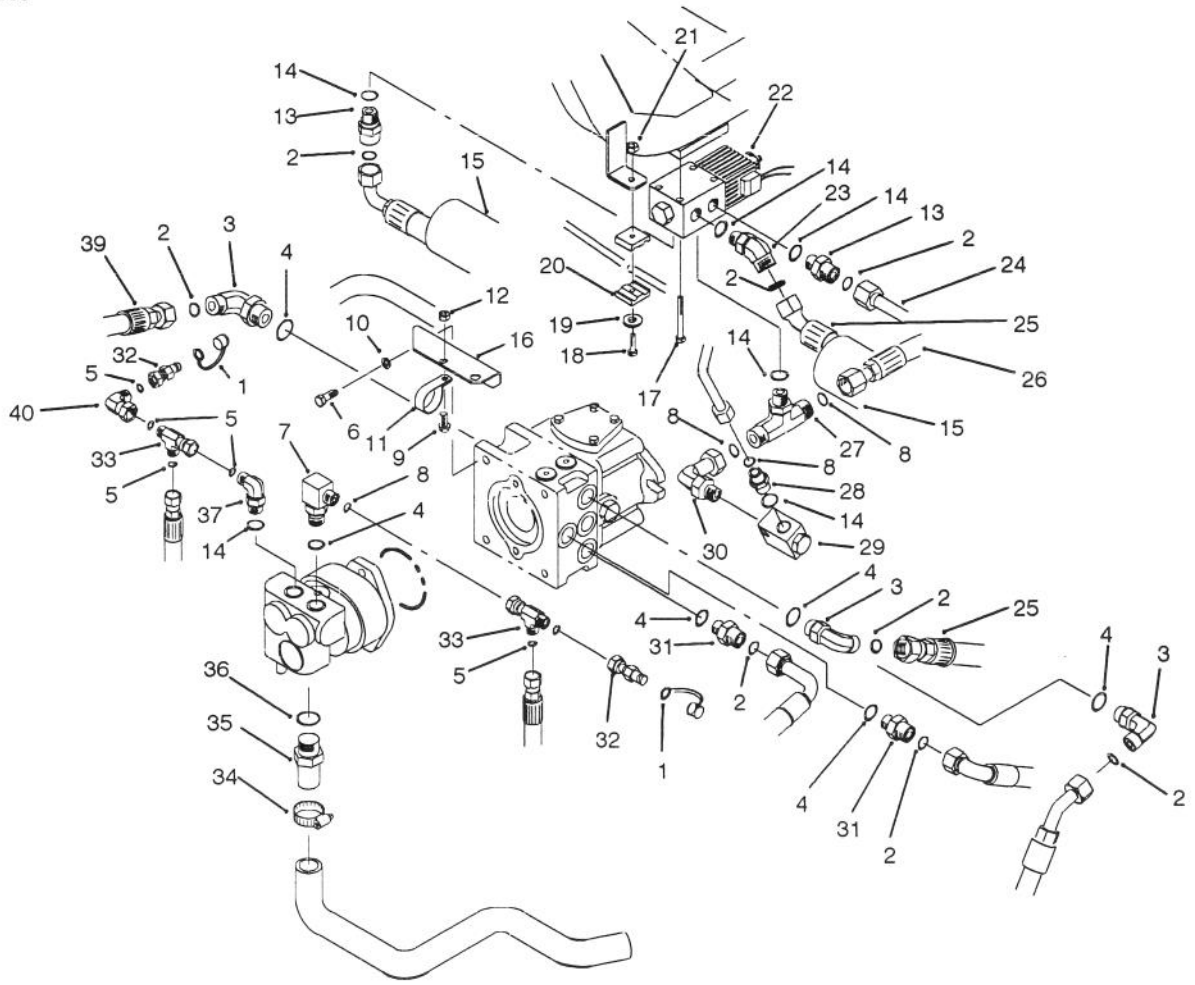


T–1497

TRACTION PUMP ASSEMBLY NO. 86–5590

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

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



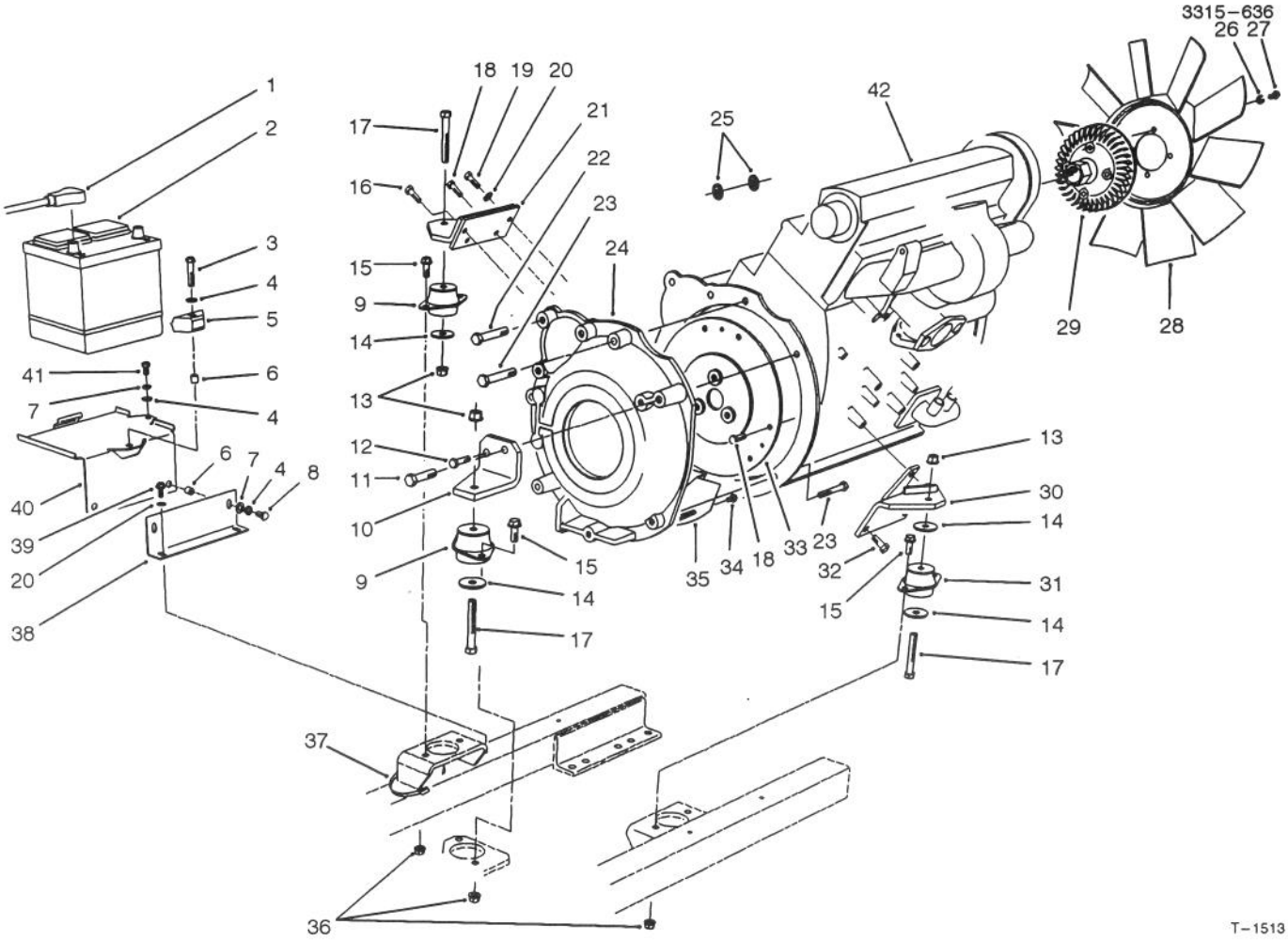
T–1498

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	6
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	Nipple – 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
40	340–159	Fitting – Hydraulic 90° (Incl. Ref. #5)	1

*Not Illustrated

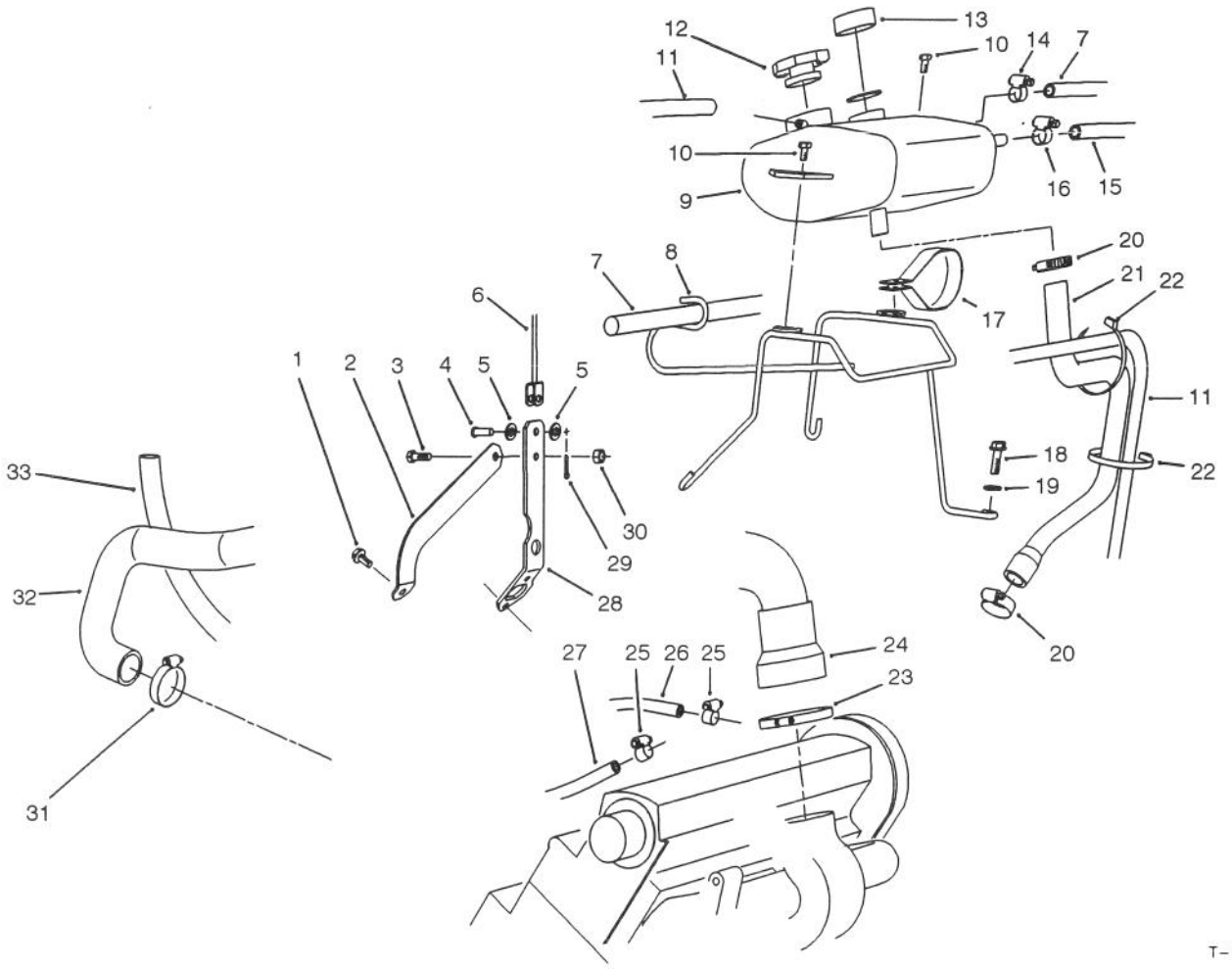


ENGINE & BATTERY INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74-9080	Cable – Battery Pos.	1
*	74-9090	Cable – Battery Neg.	1
†2		Battery – 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 – Threaded	3
7	3253-21	Washer – Lock	3
8	323-33	Screw – Cap Hex. Hd.	2
9	53-9681	Mount – Rubber, Engine	2
10	74-5470	Mount – Engine	1
11	48-7840	Screw – Cap Hex. Hd.	1
12	48-9470	Screw – Cap Hex. Hd.	1
13	32128-37	Nut – Lock, Flange Hd.	3
14	53-9480	Washer – Rebound	4
15	3234-11	Screw	8
16	48-9460	Screw – Cap Hex. Hd.	1
17	324-12	Screw – Cap Hex. Hd.	3
18	48-7700	Screw – Cap Hex. Hd.	8
19	48-7730	Screw – Cap Hex. Hd.	1
20	3255-8	Washer – Lock, Ext. Tooth	2
21	76-4120	Mount W.A. – Engine	1

Ref. No.	Part No.	Description	No. Used
22	48-7810	Screw – Cap Hex. Hd.	3
23	48-7570	Screw – Cap Hex. Hd.	3
24	84-0760	Adapter – Pump to Engine	1
25	86-2990	Mount – Throttle Cable	2
26	3253-4	Washer – Lock	4
27	322-3	Screw – Cap Hex. Hd .	8
28	74-3650	Fan	1
29	74-5520	Clutch – Fan	1
30	76-4220	Mount W.A. – Engine	1
31	53-9682	Mount – Rubber, Eng	1
32	48-7780	Screw – Cap Hex. Hd.	3
33	84-1440	Plate – Adapter	1
34	48-7610	Screw – Cap Hex. Hd.	3
35	77-3600	Shield – Adapter	1
36	3290-357	Nut – Lock	6
37	3290-378	Tie – Cable	1
38	76-4310	Support – Base, Battery	1
39	32144-11	Screw – Hex. Washer Hd.	2
40	76-6500	Base – Battery	1
41	323-34	Screw – Cap Hex. Hd.	1
42	74-5511	Engine Assembly	1

*Not Illustrated
†Obtain Locally

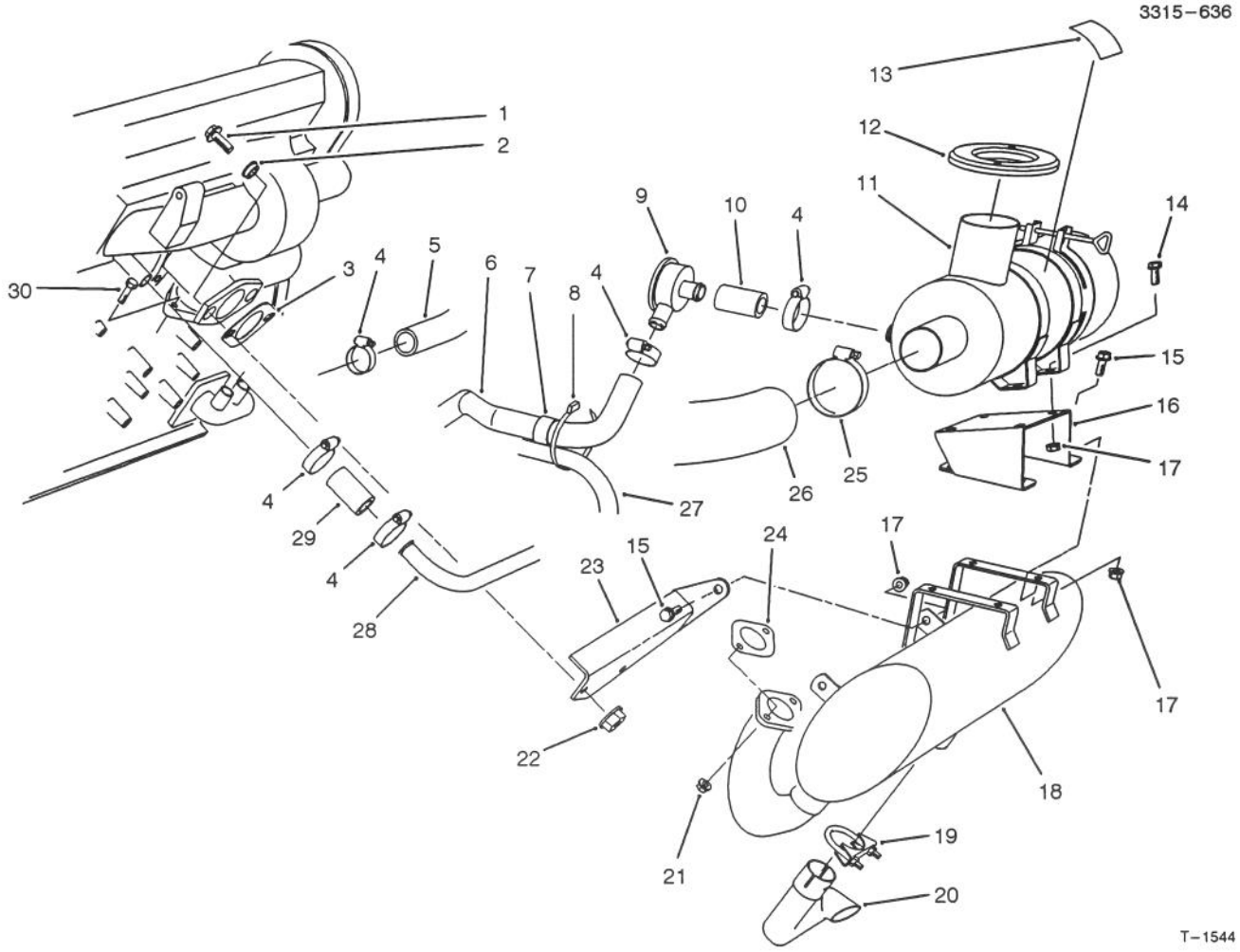


T-1545

ENGINE PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	77-3900	Screw – Hex. Flange Hd.	1
2	74-4050	Bracket – Support, Hood	1
3	3234-5	Screw – Hex. Flange Hd.	1
4	283-58	Pin – Clevis	1
5	62-1230	Washer	2
6	66-2871	Cable – Hood	1
7	74-6040	Hose – Return	1
8	74-4010	Wireform W.A.	1
9	77-3550	Box – Degassing	1
10	46-6810	Screw – Hex. Washer Hd.	2
11	55-4130	Hose – Fuel	1
12	66-3240	Cap – Expansion	1
13	77-3560	Cap	1
14	2412-119	Clamp	3
15	74-9120	Hose – Radiator, Overflow	1
16	2412-36	Clamp – Hose	1
17	2412-96	Clamp	1

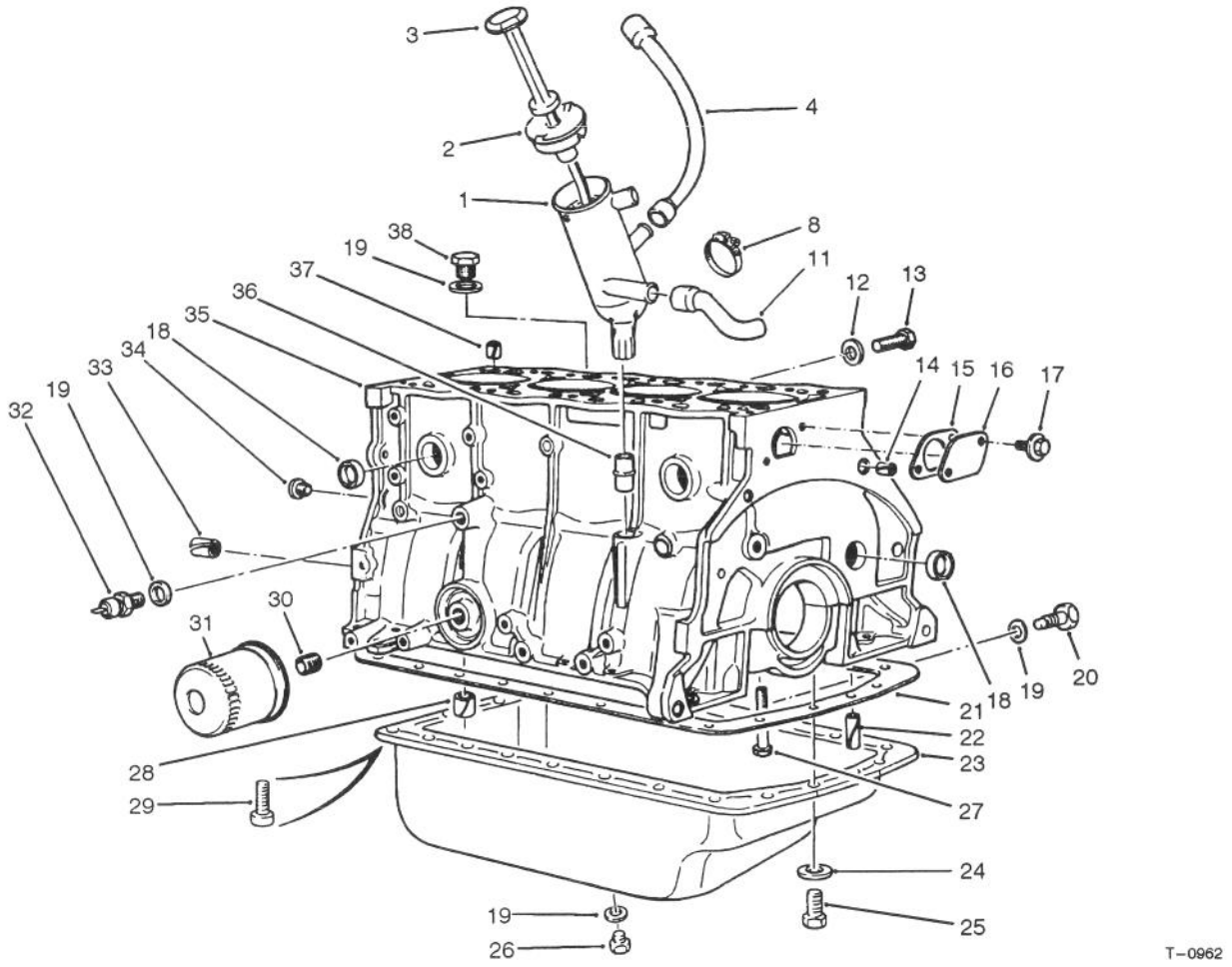
Ref. No.	Part No.	Description	No. Used
18	3234-17	Screw – Hex. Flange Hd.	1
19	3256-3	Washer – Flat	1
20	2412-129	Clamp – Hose	2
21	74-6010	Hose – Overflow	1
22	3290-378	Tie – Cable	2
23	2412-125	Clamp – Hose	1
24	74-6030	Hose – Air Cleaner	1
25	2412-108	Clamp	2
26	63-7627	Hose – Fuel	1
27	63-7622	Hose – Fuel	1
28	77-3890	Bracket – Cable, Hood	1
29	3272-10	Pin – Cotter	1
30	32128-20	Nut – Lock	1
31	2412-3	Clamp	2
32	74-5930	Hose – Radiator, Upper	1
33	74-9122	Hose – Vent	1



MUFFLER & AIR CLEANER INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3243-11	Screw – Hex. Flange Hd.	2
2	76-4230	Guide – Exhaust, Manifold	2
3	74-5590	Gasket – Exhaust, Manifold	1
4	2412-129	Clamp – Hose	5
5	74-6020	Hose – Radiator, Lower	1
6	74-7720	Hose – PVC Valve	1
7	2412-104	Clamp-R	1
8	3290-378	Tie – Cable	1
9	74-5760	PCV Valve	1
10	74-7730	Hose – Air Cleaner PCV	1
11	74-6000	Assembly – Air Cleaner	1
12	88-1490	Holder – Foam	1
13	76-8770	Decal – Caution	1
14	322-3	Screw – Cap Hex. Hd.	4
15	3234-15	Screw – Hex. Flange Hd.	5

Ref. No.	Part No.	Description	No. Used
16	77-3880	Bracket – Air Cleaner	1
17	32128-20	Nut – Flange	9
18	74-5980	Muffler W.A.	1
19	2112-9	Clamp – Muffler	1
20	86-5650	Pipe – Exhaust	1
21	32128-13	Nut – Lock	2
22	32128-19	Nut – Flange	2
23	92-2565	Bracket – Muffler	1
24	77-3700	Gasket – Muffler, Exhaust	1
25	2412-130	Clamp – Hose	1
26	74-6030	Hose – Air Cleaner	1
27	74-9122	Hose – Vent	1
28	74-4900	Tube – Water, Return	1
29	74-6490	Hose – Water Line	2
30	322-16	Screw – Cap Hex. Hd.	2



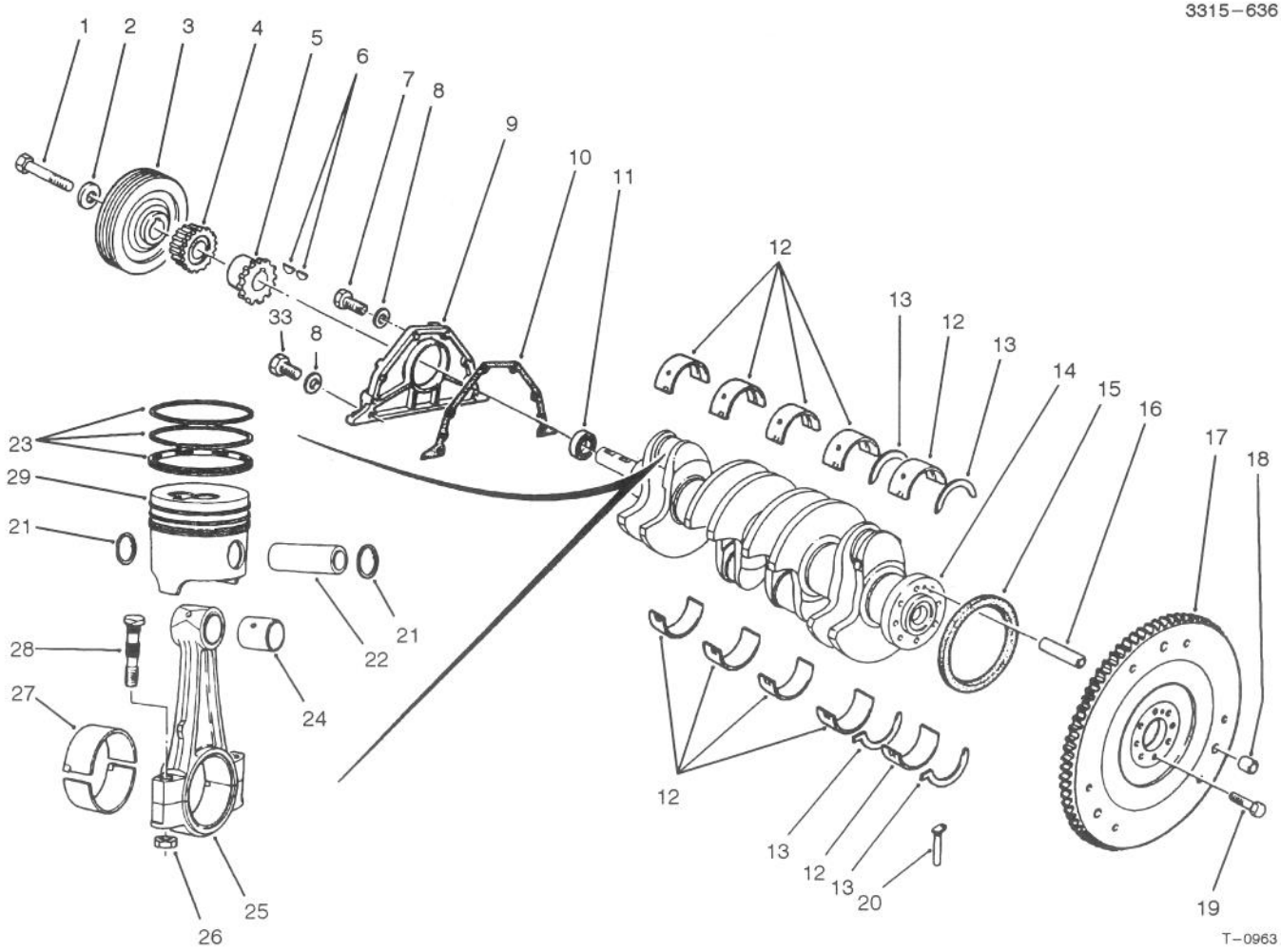
T–0962

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	77–3790	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

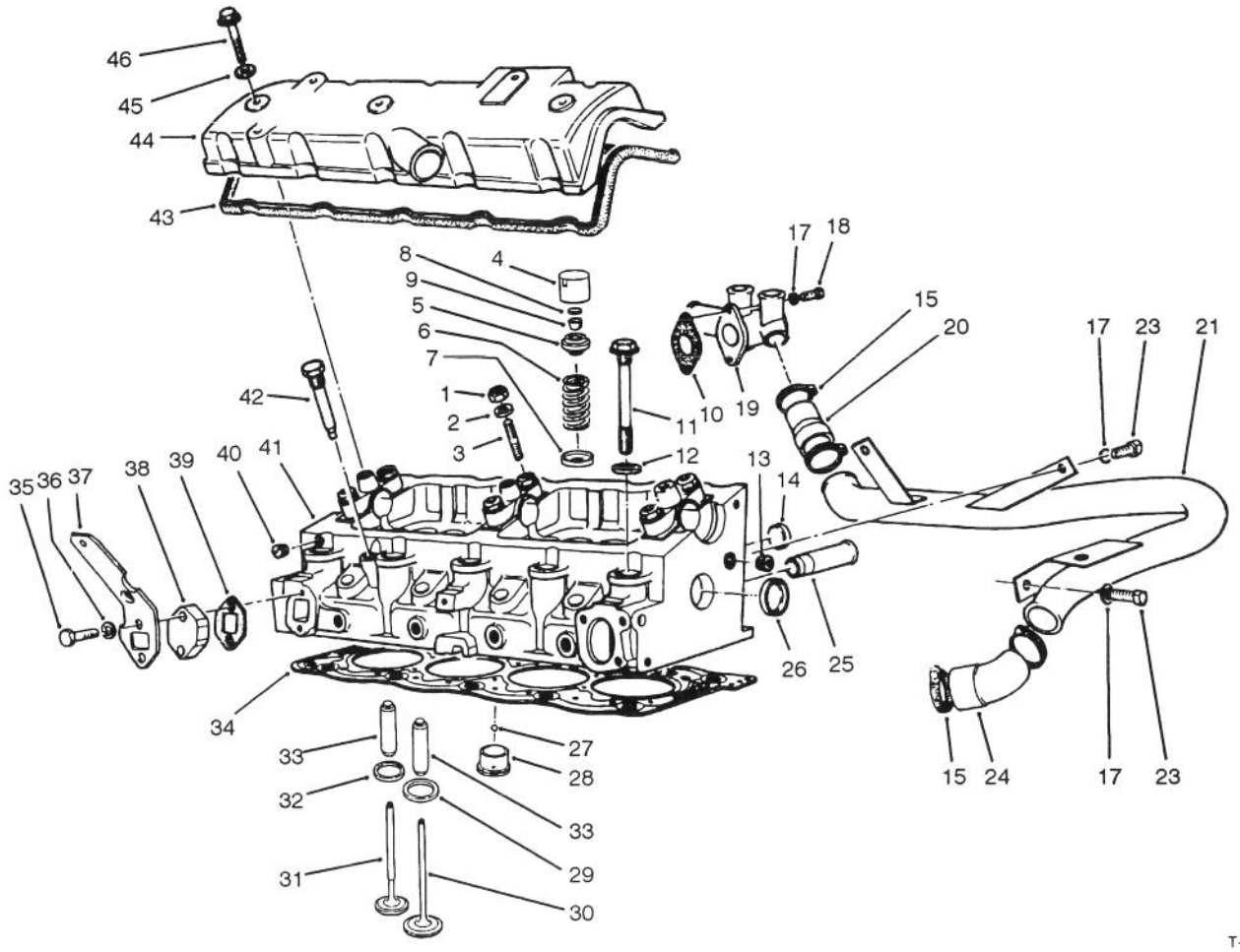


CRANKSHAFT ASSEMBLY

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
16	74-8250	Pin	1
17	74-8260	Flywheel	1
18	74-8270	Pin	3

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

*Not Illustrated



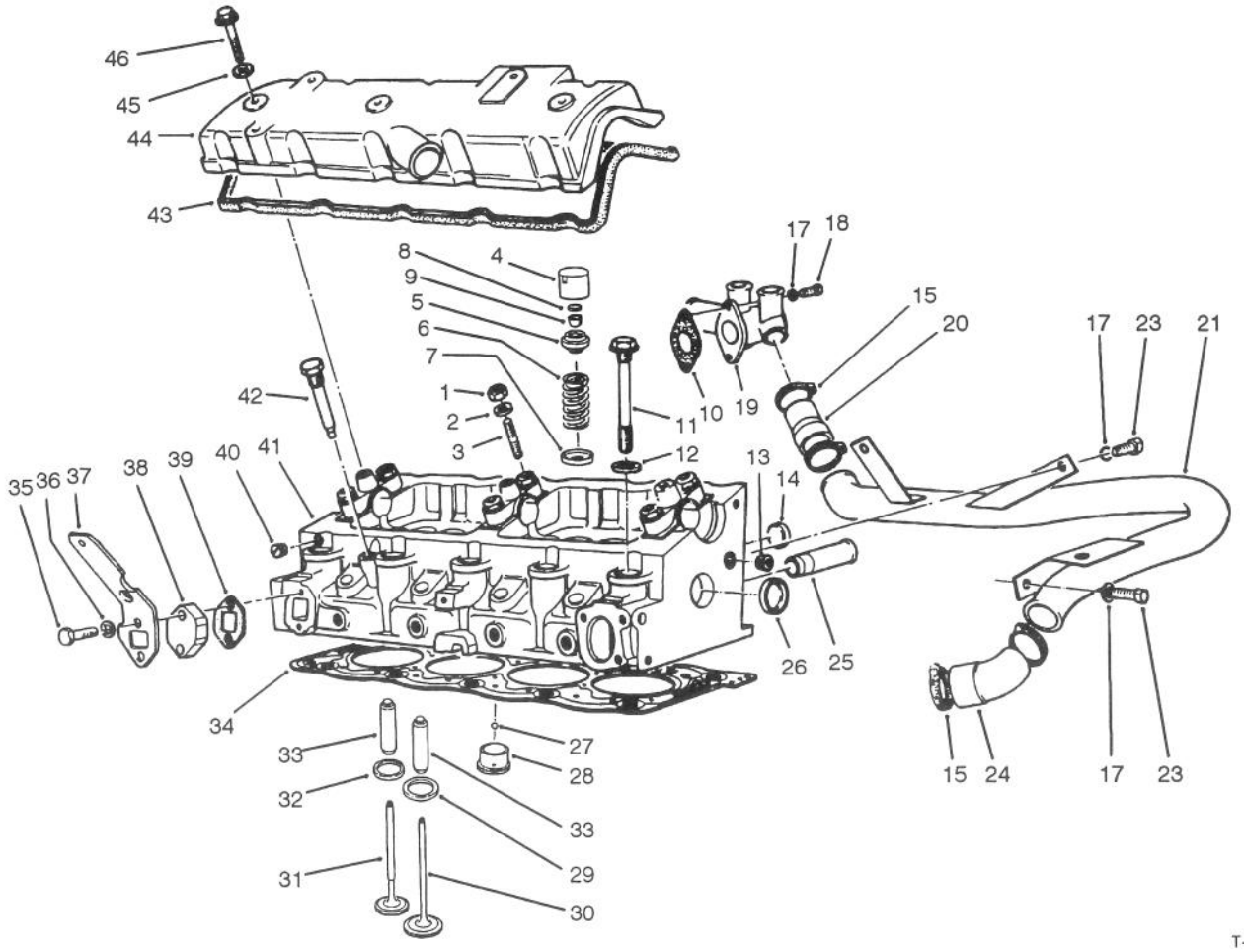
T–0965

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
*	74–6600	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
*	74–6740	Insert – Valve (2.450mm)	8
*	74–6750	Insert – Valve (2.475mm)	8
*	74–6760	Insert – Valve (2.500mm)	8
*8	74–6770	Insert – Valve (2.525mm)	8

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

*Not Illustrated



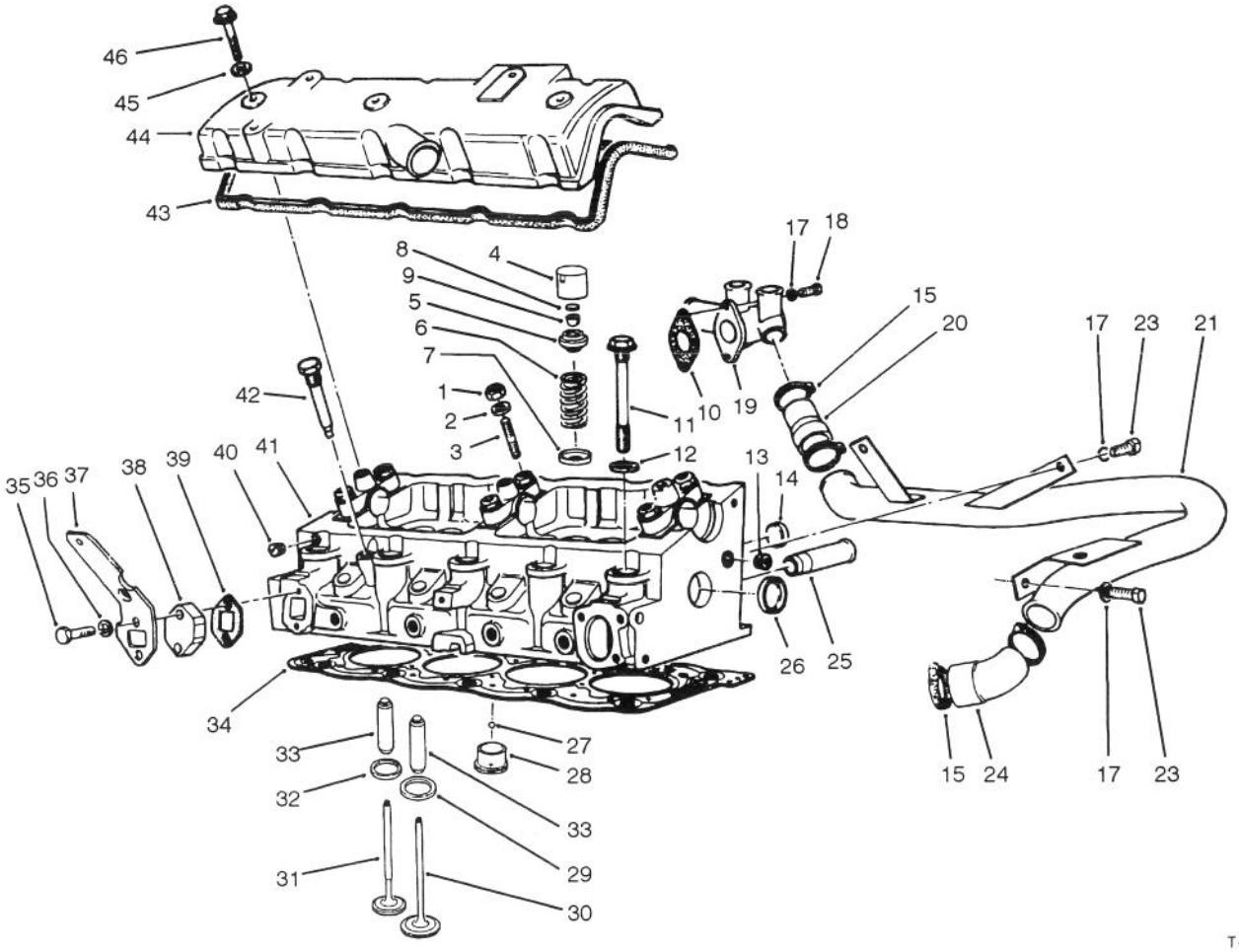
T–0965

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
*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
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

Ref. No.	Part No.	Description	No. Used
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
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

*Not Illustrated



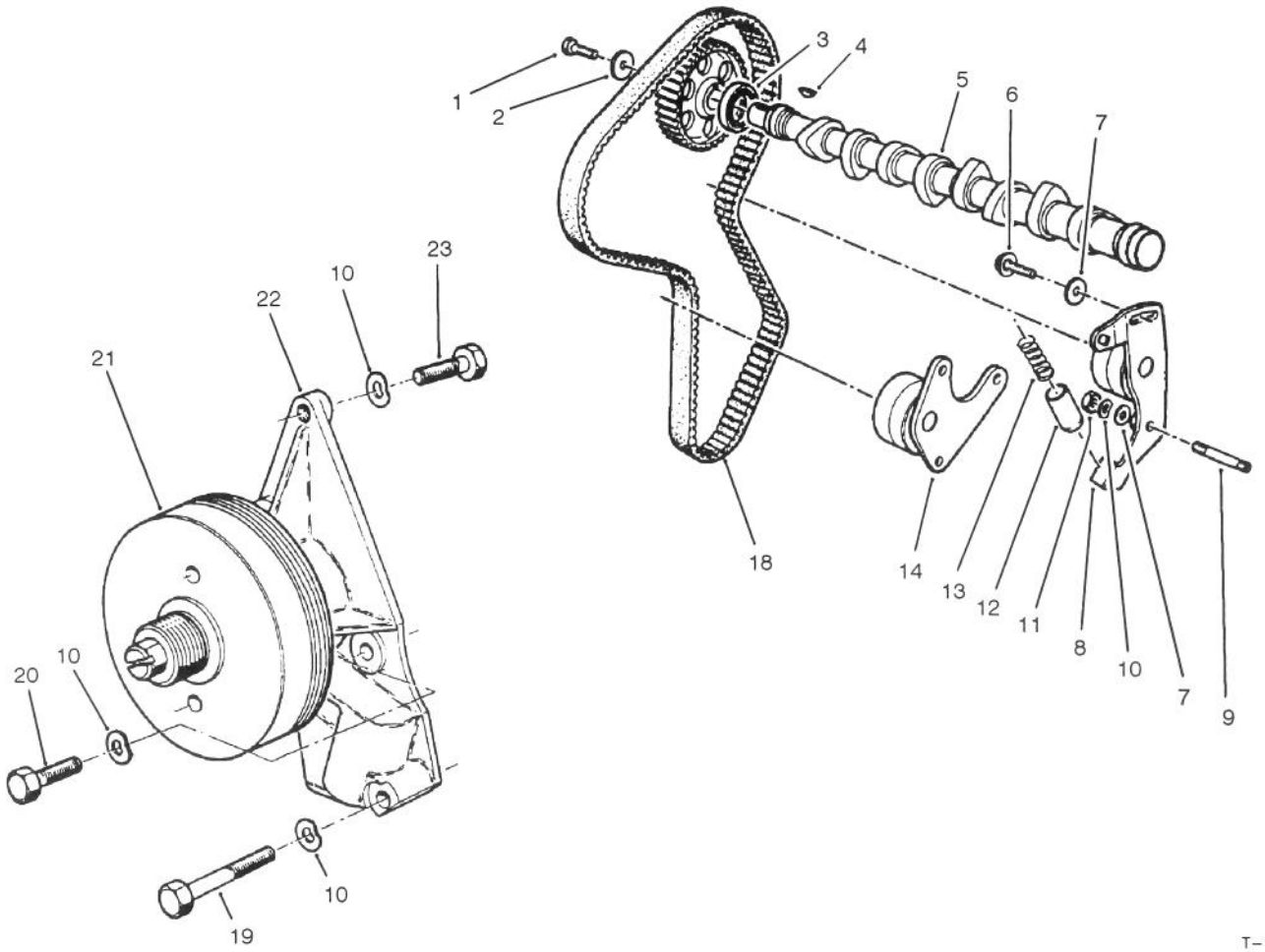
T-0965

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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
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

Ref. No.	Part No.	Description	No. Used
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

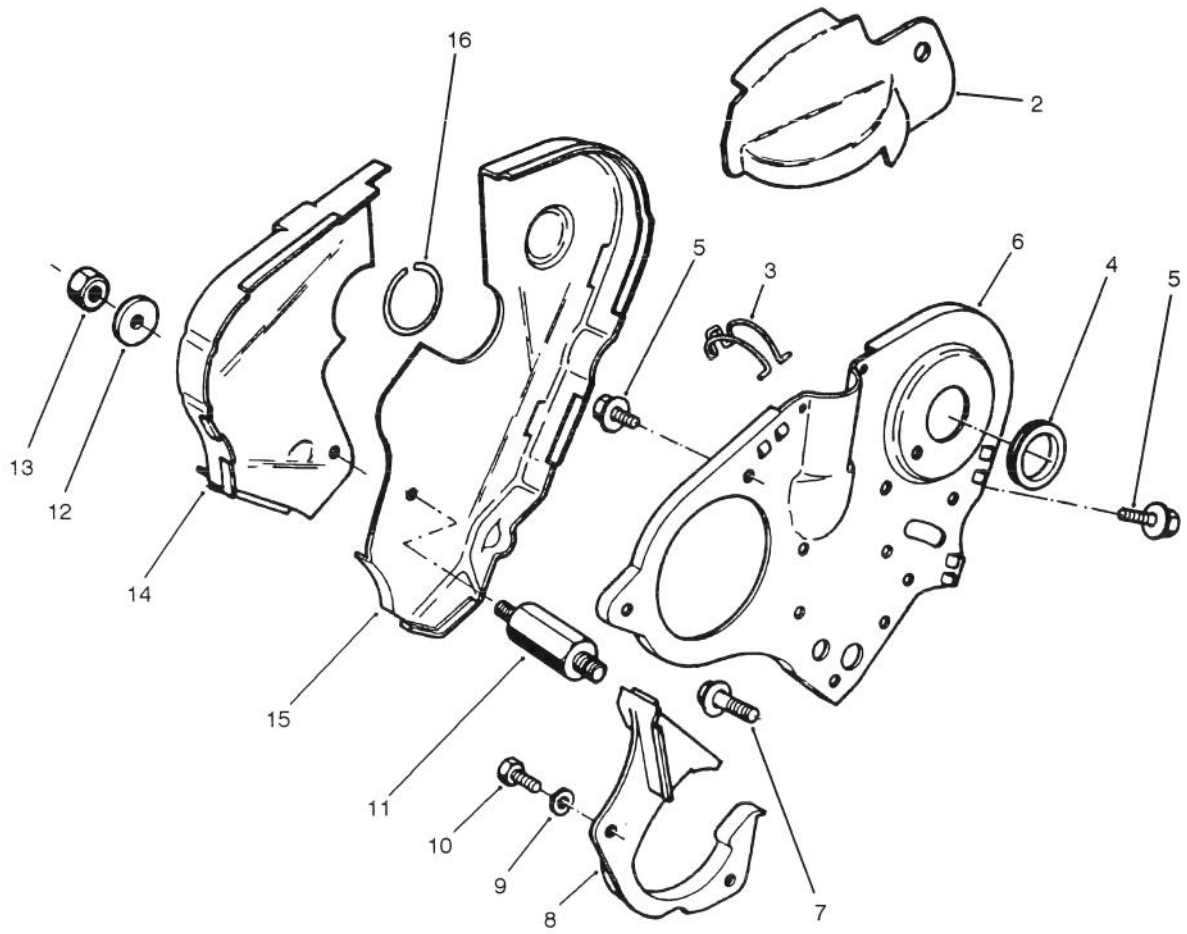


T–1106

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	74–8830	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

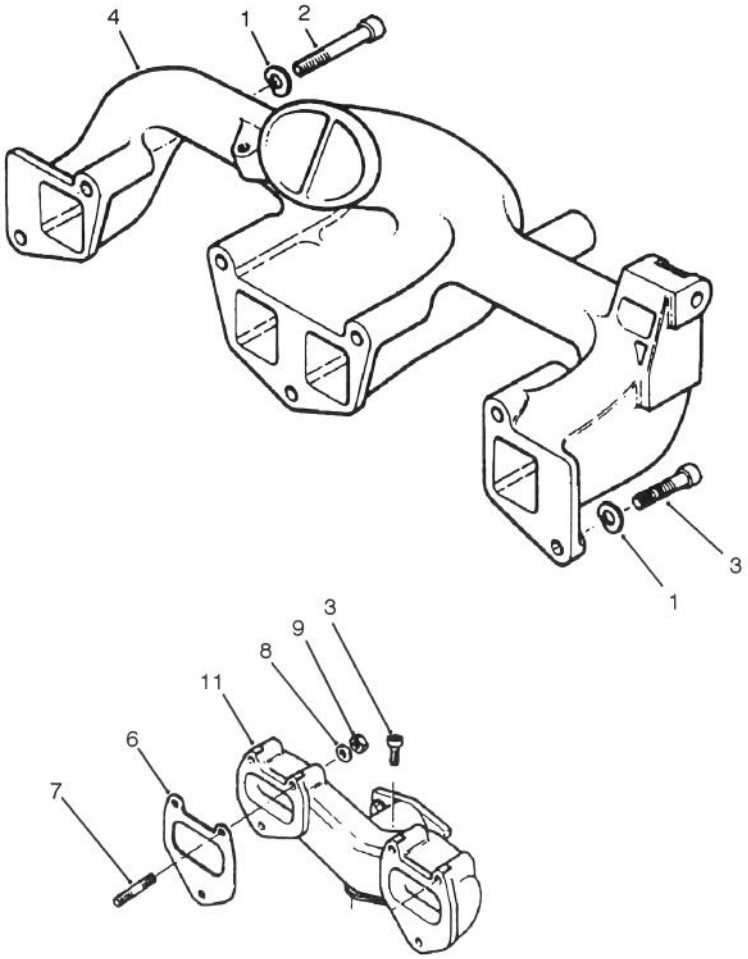


T-1115

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

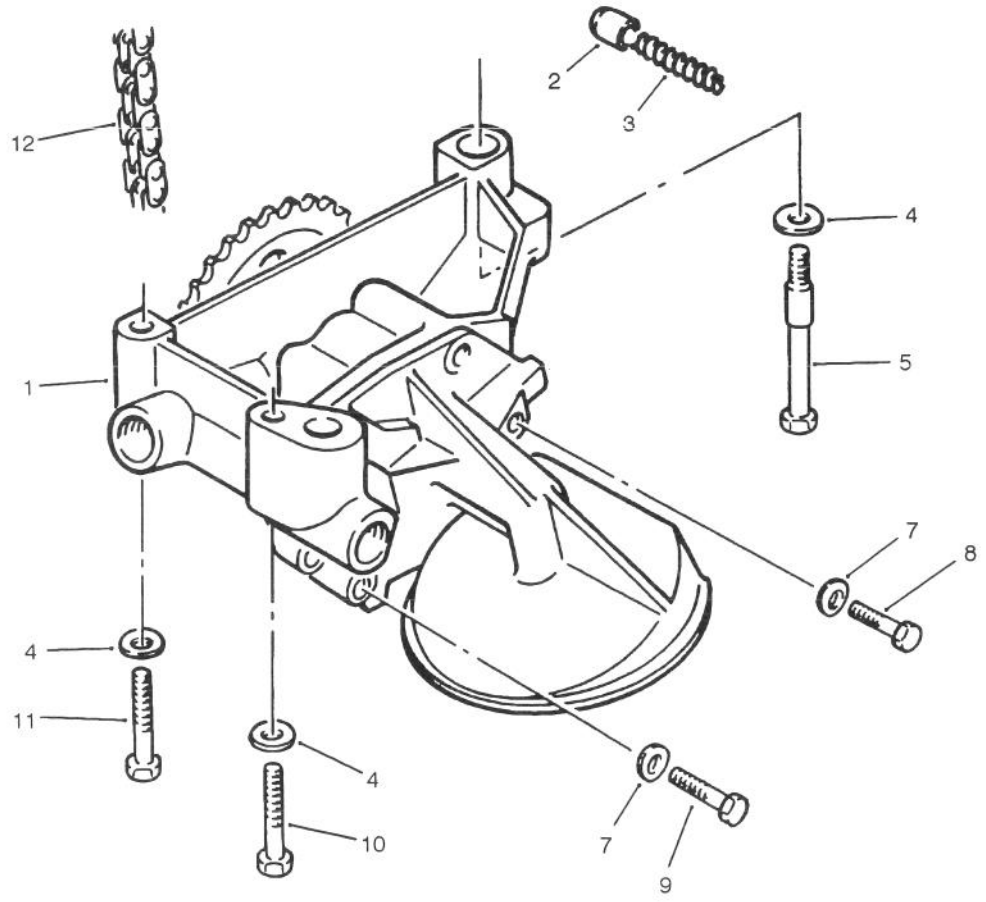


T–1107

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

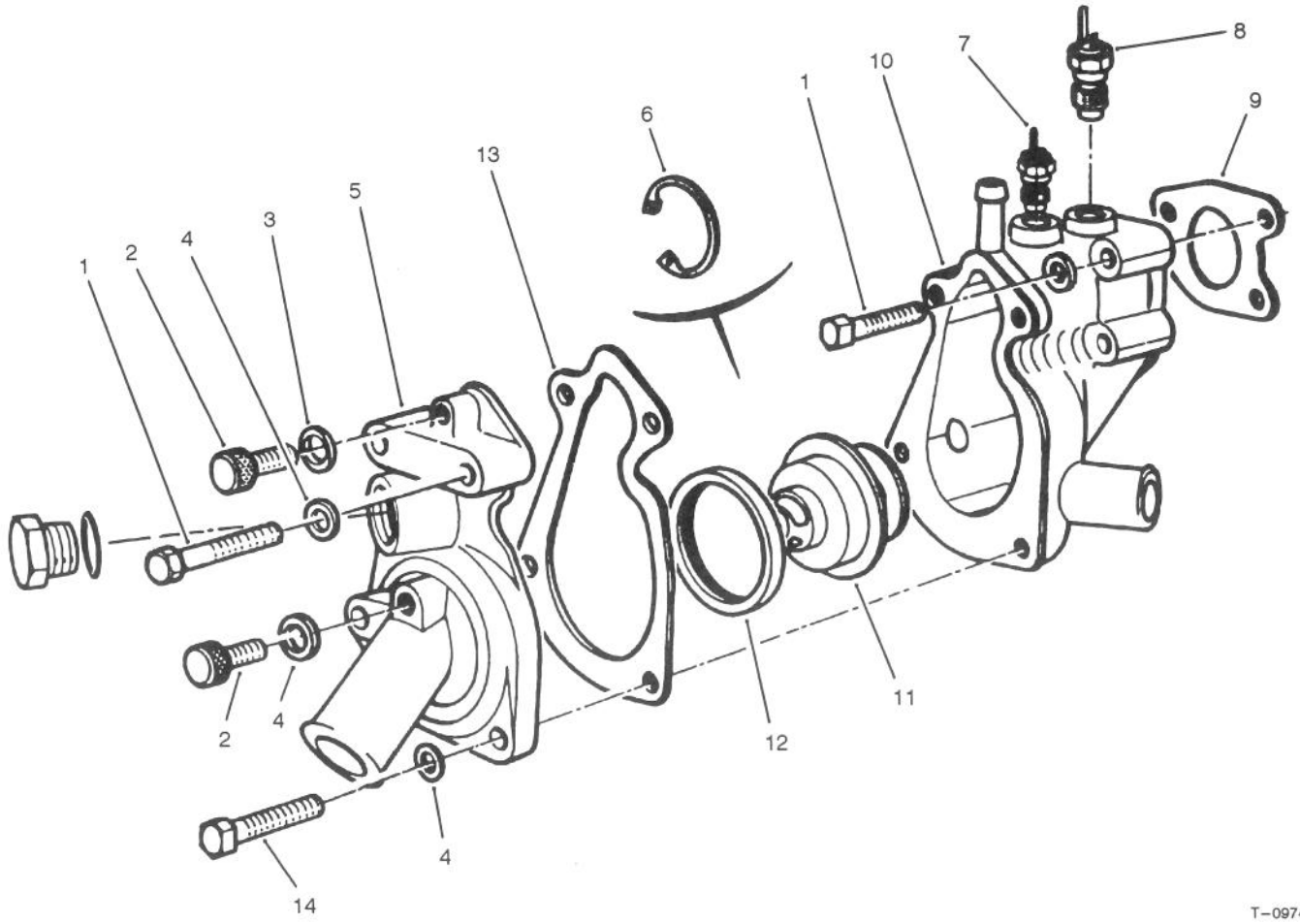


T-0964

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

Ref. No.	Part No.	Description	No. Used
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

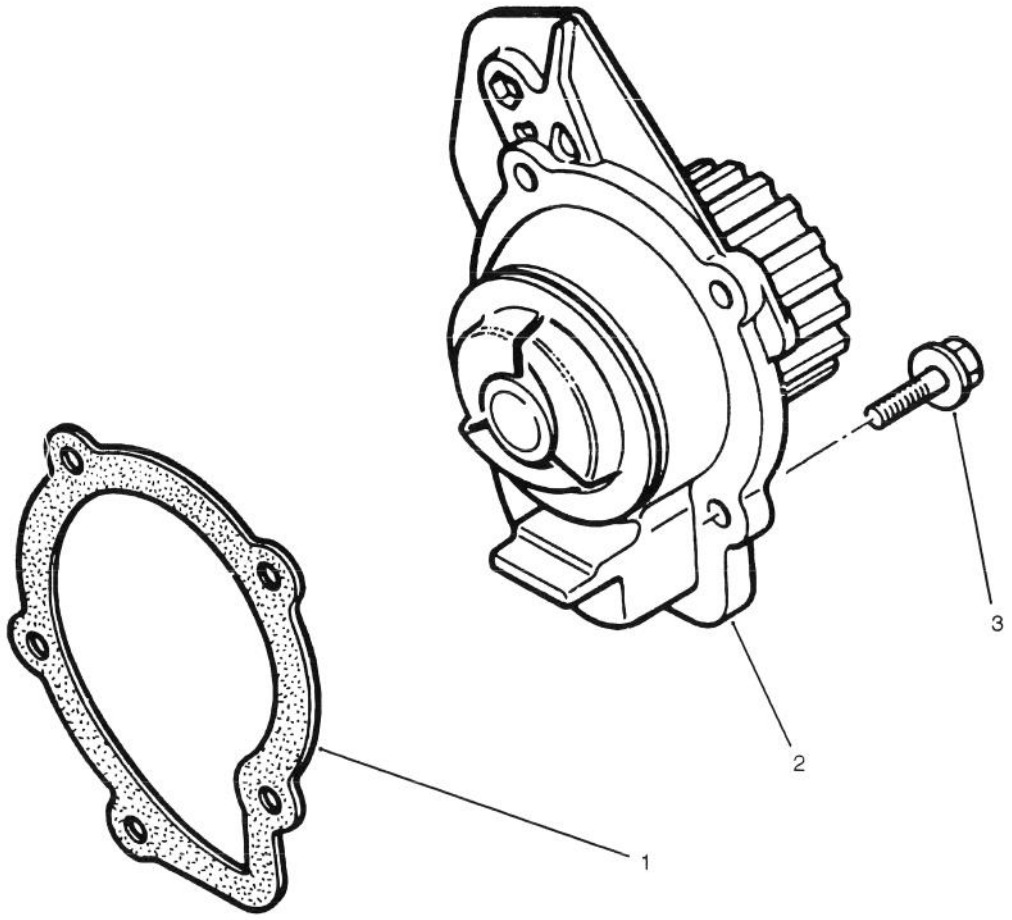


T–0974

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

Ref. No.	Part No.	Description	No. Used
8	76–5400	Switch – Temp. 105°C	1
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

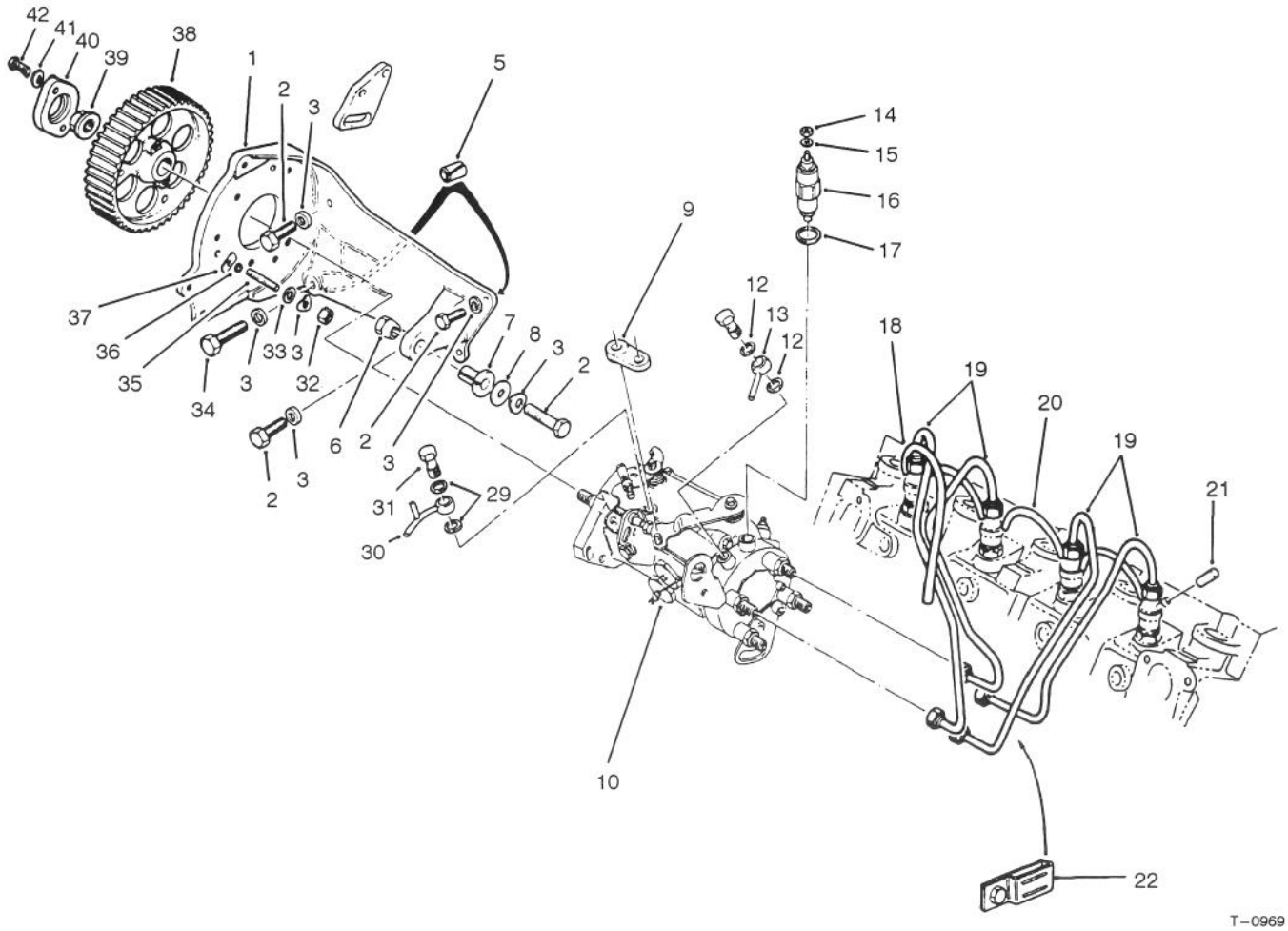


T–0970

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



T–0969

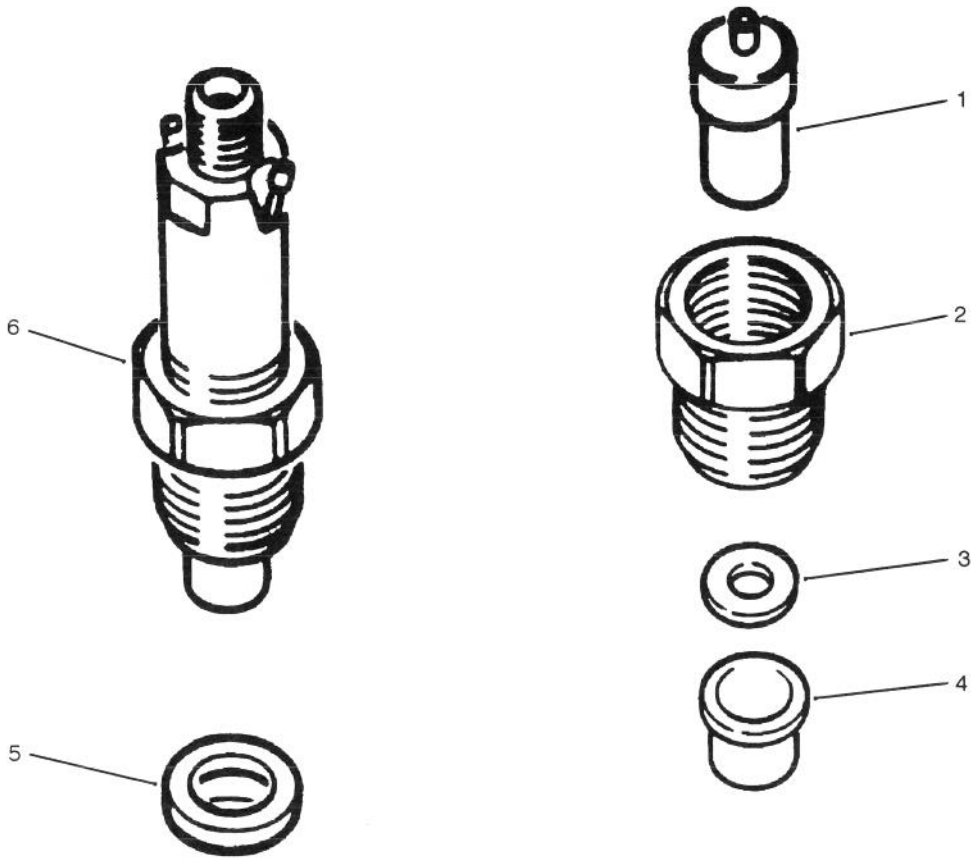
FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74–8700	Bracket – Pump	1
*†	74–8580	Bracket – Pump	1
2	60–6760	Screw – Cap Hex. Hd.	4
3	68–9420	Washer – Spring	8
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	74–8800	Injection Pump Assembly	1
*†	74–8660	Injection Pump Assembly	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	74–8880	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

†Use with engine serial nos. 181194 thru 181203, 210023 thru 210054 and 281428 thru 281439.

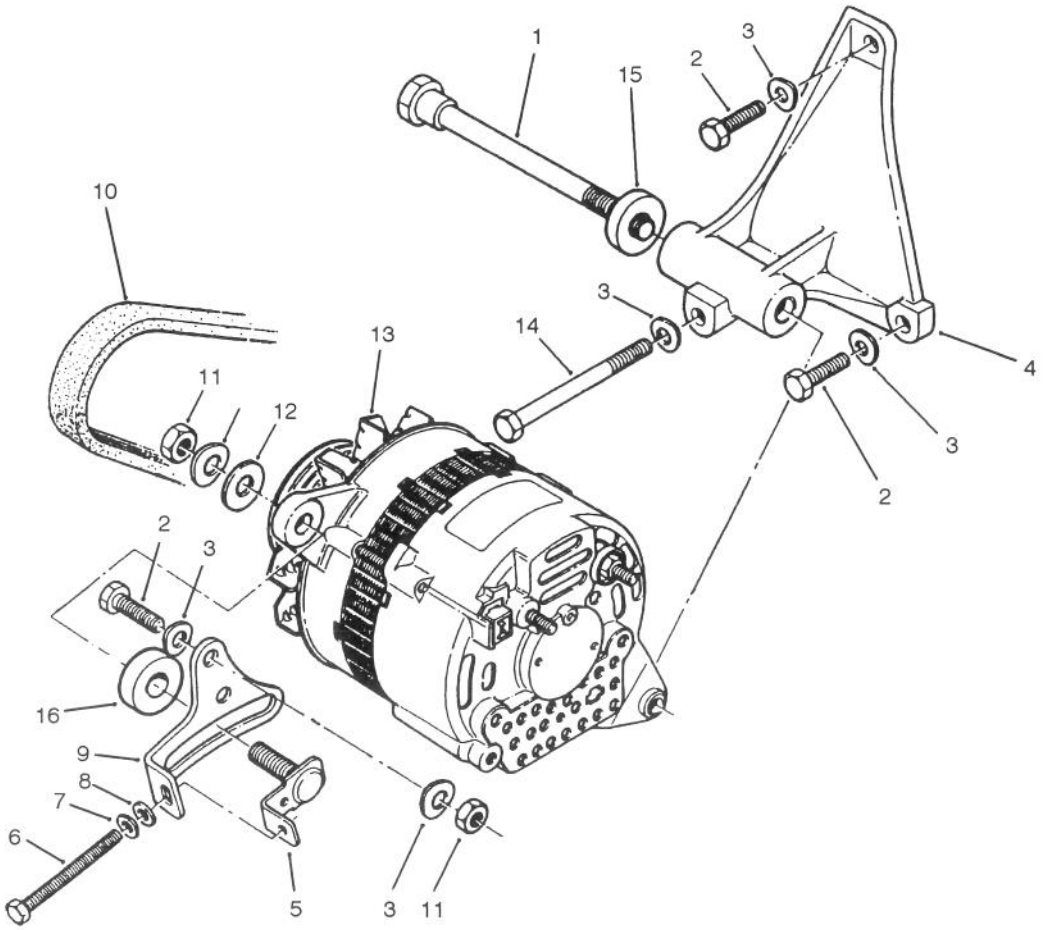


T-0971

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

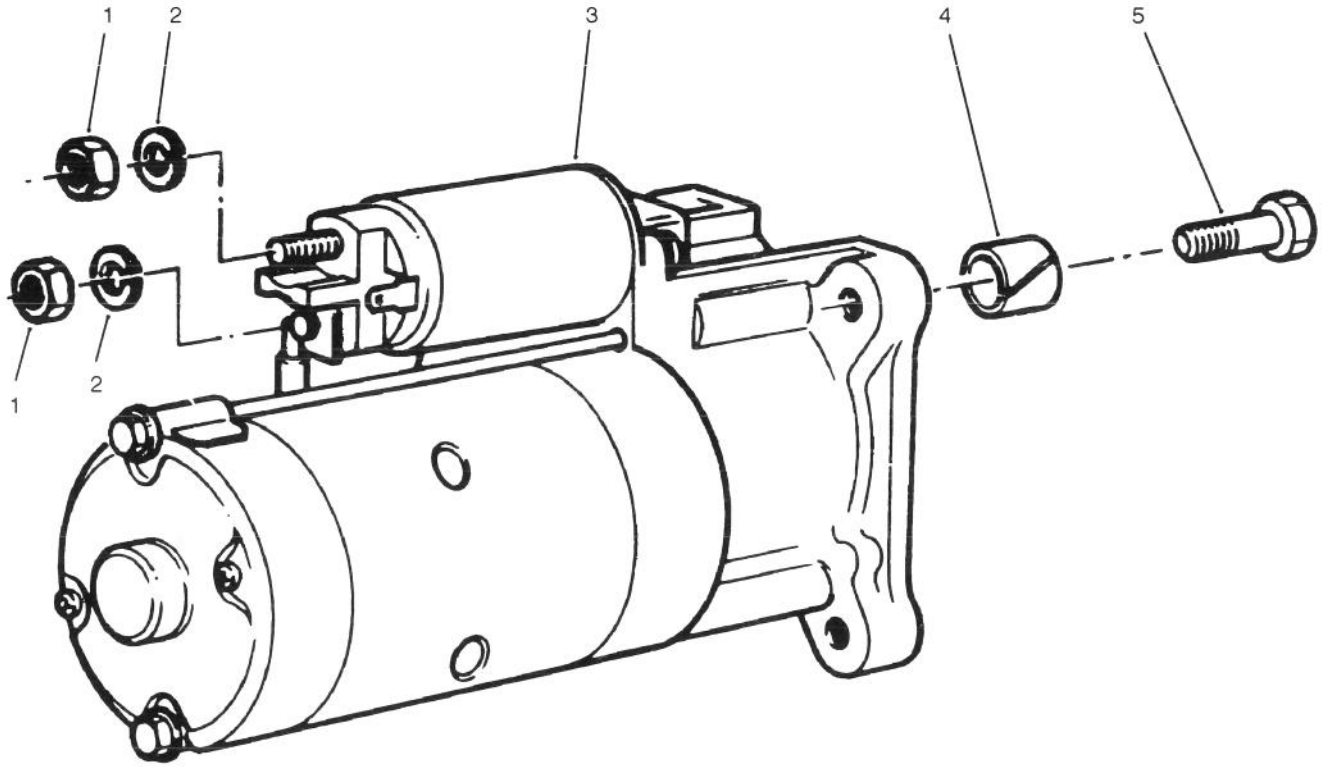


T–0967

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

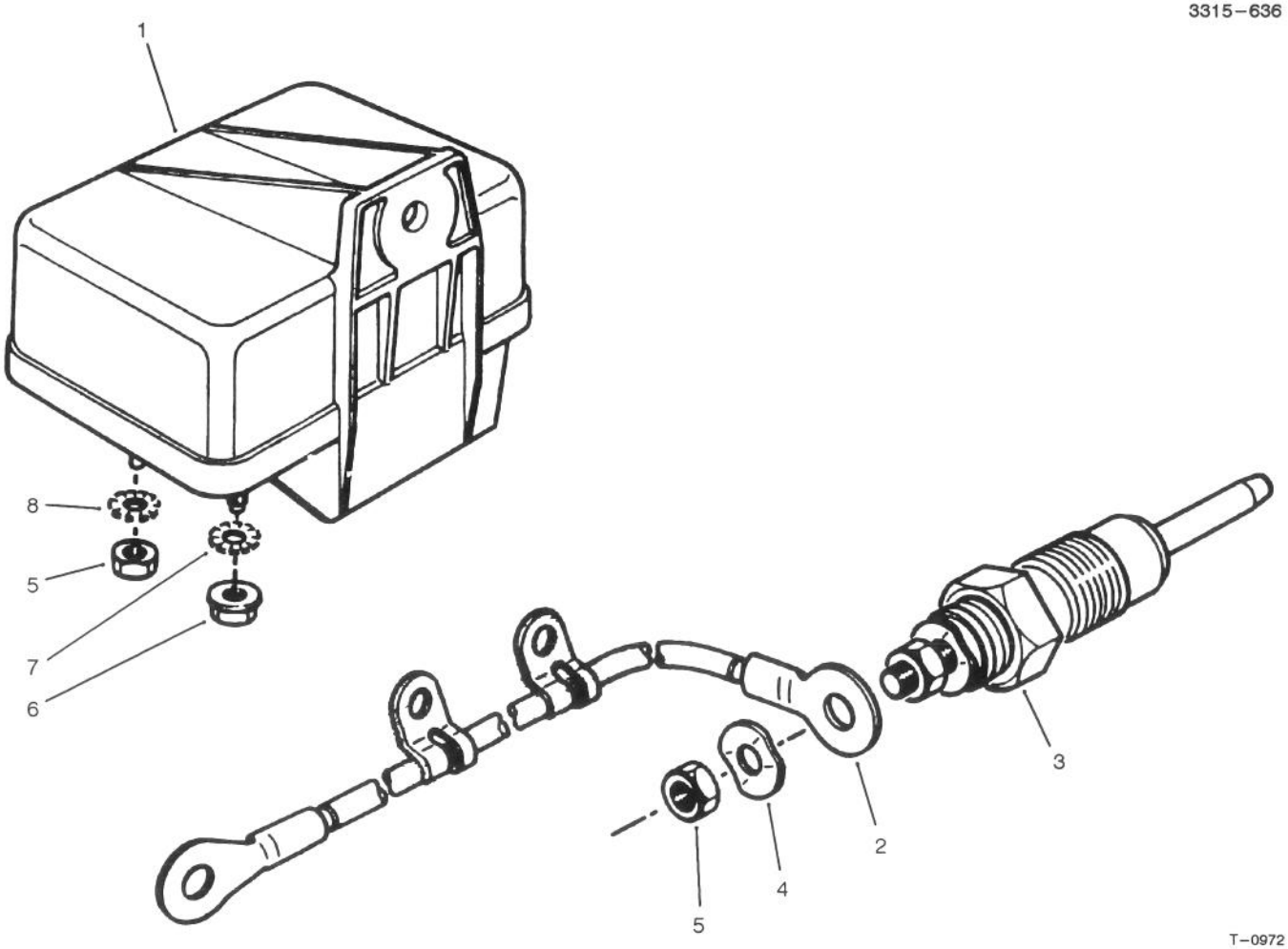


T-0968

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

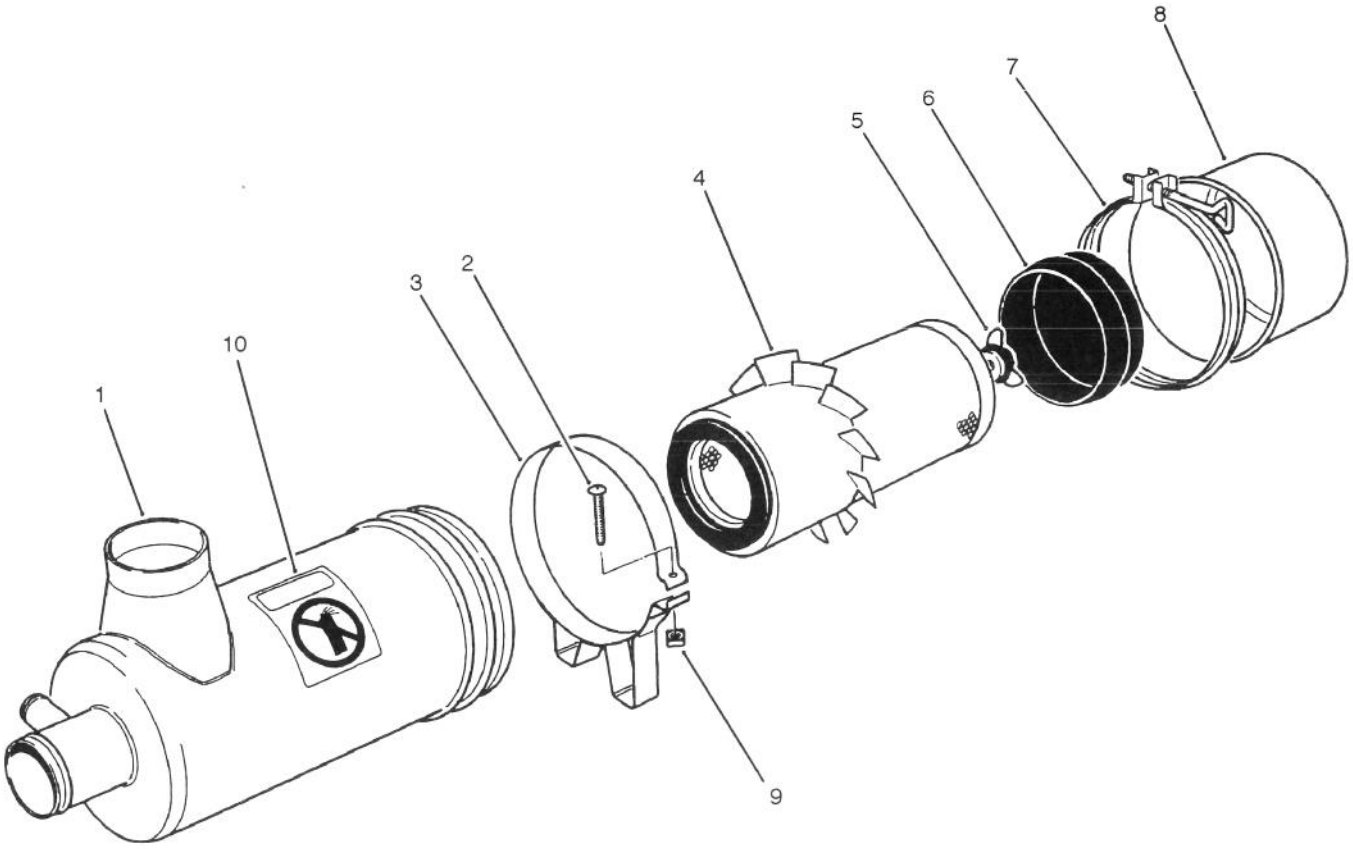


T-0972

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

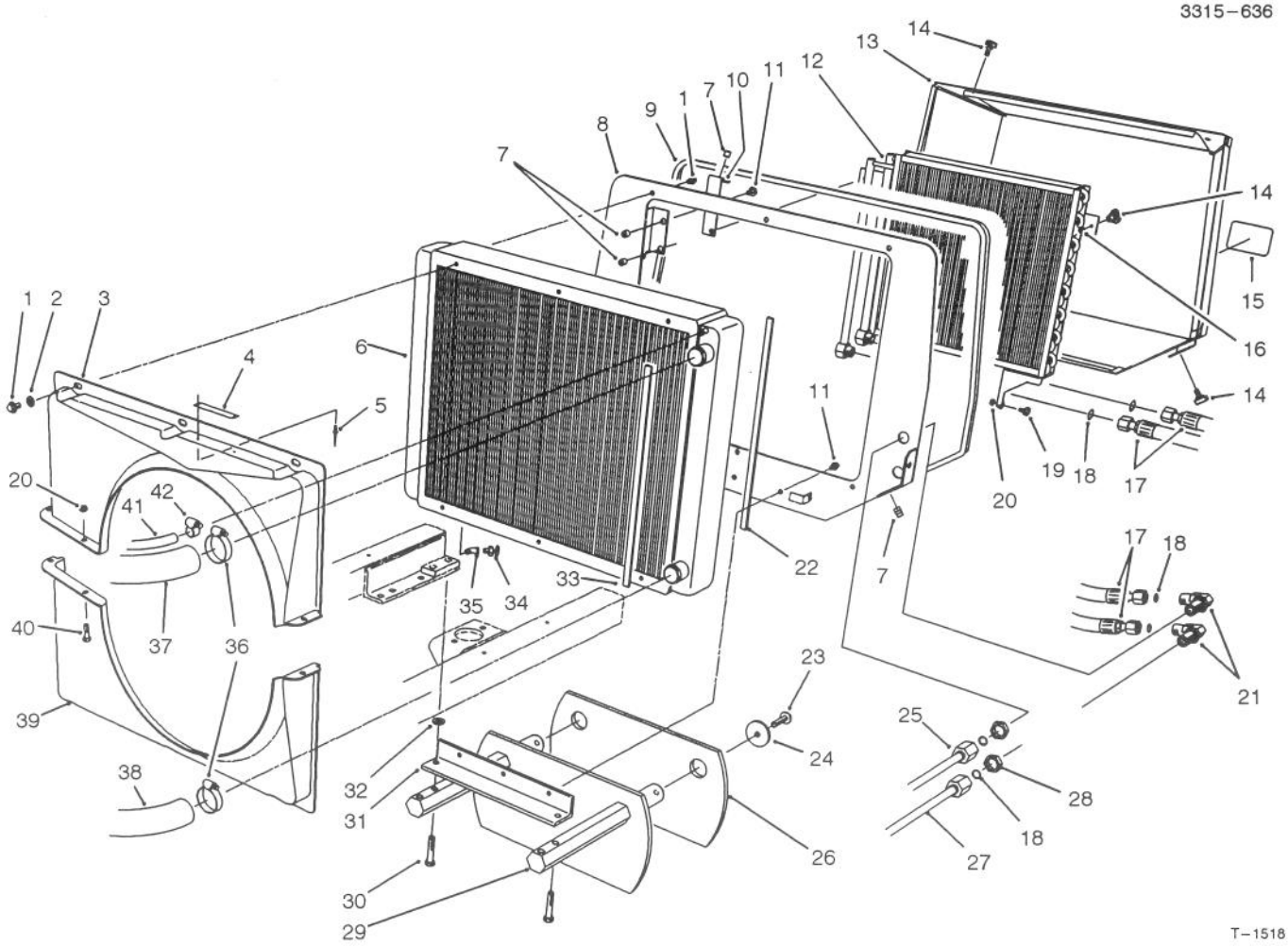


T–1113

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

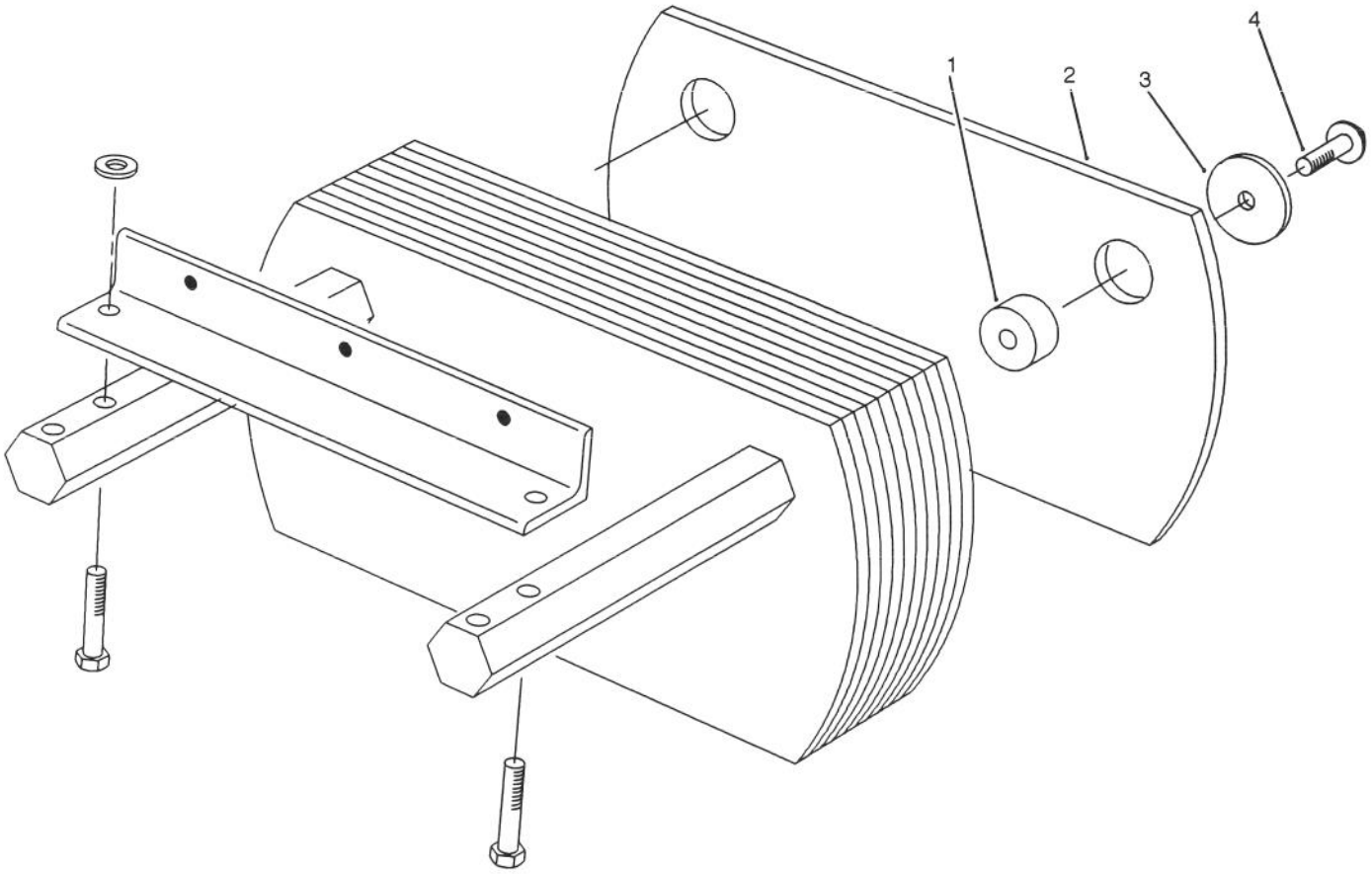


T–1518

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–30	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
7	32148–10	Insert – Threaded	10
8	14–0939	Radiator Mount Assembly (Incl. Ref. #7)	1
9	92–1363	Seal	1
10	92–1385	Bracket – Screen RH	1
*	92–1386	Bracket – Screen LH	1
11	3234–12	Screw – Hex. Washer Hd.	5
12	82–3740	Oil Cooler Assembly	1
13	92–2575	Screen – Radiator	1
14	77–3620	Retainer – Cover	6
15	67–1300	Decal – TORO	1
16	32151–72	Retainer – Push–On	2
17	76–9540	Hose – Hydraulic	2
18	237–65	O–Ring	6
19	37–8770	Screw – Hex. Washer Hd.	2
20	3296–47	Nut – Lock	5

Ref. No.	Part No.	Description	No. Used
21	340–72	Fitting – Hydraulic 90° (Incl. Ref. #18)	2
22	76–6381	Seal – Strip	2
23	3234–32	Screw – Hex. Flange Hd.	2
24	88–1360	Washer	2
25	74–6400	Assembly – Tube	1
26	88–1220	Weight – Rear	11
27	86–5800	Assembly – Tube	1
28	340–74	Nut – Bulkhead	2
29	88–1210	Weight W.A. – Rear	1
30	325–11	Screw – Cap Hex. Hd.	2
31	74–5460	Angle Radiator Support	1
32	3256–26	Washer – Flat	2
33	76–6382	Seal – Strip	2
34	304–46	Drain Cock	1
35	2811–1	Fitting – 45° Elbow	1
36	2412–3	Clamp – Hose	2
37	74–5930	Hose – Radiator, Upper	1
38	74–6020	Hose – Radiator, Lower	1
39	74–4990	Shroud – Fan, Bottom	1
40	322–3	Screw – Cap Hex. Hd.	3
41	74–9120	Hose – Expansion Tank	1
42	2412–36	Clamp – Hose	1

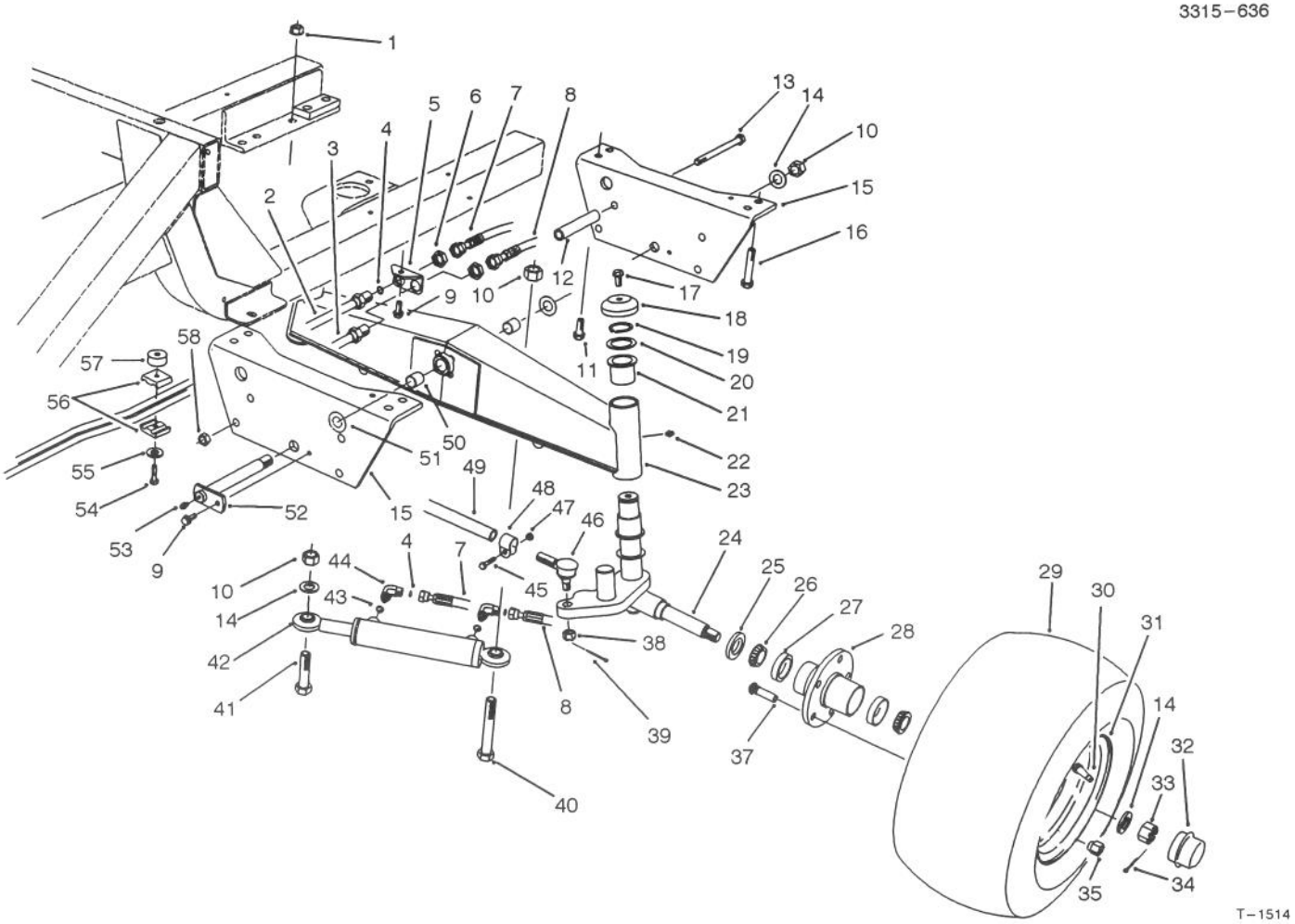


T–1520

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

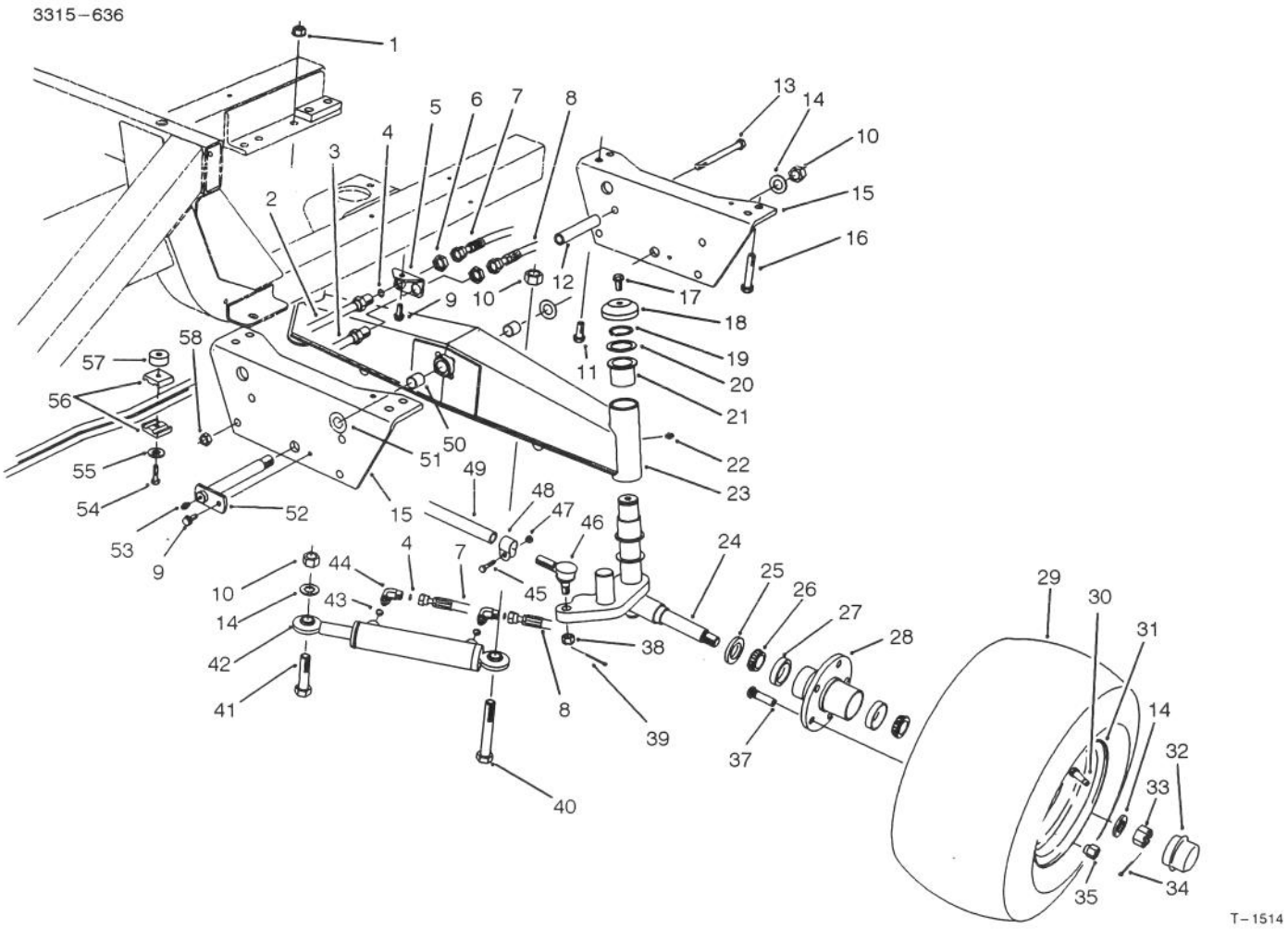


REAR AXLE ASSEMBLY (Model No. 30450)

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
22	302–11	Fitting – Grease	2
23	74–5000	Rear Axle Assembly (Incl. Ref. #21–22 & 50)	1

Ref. No.	Part No.	Description	No. Used
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
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

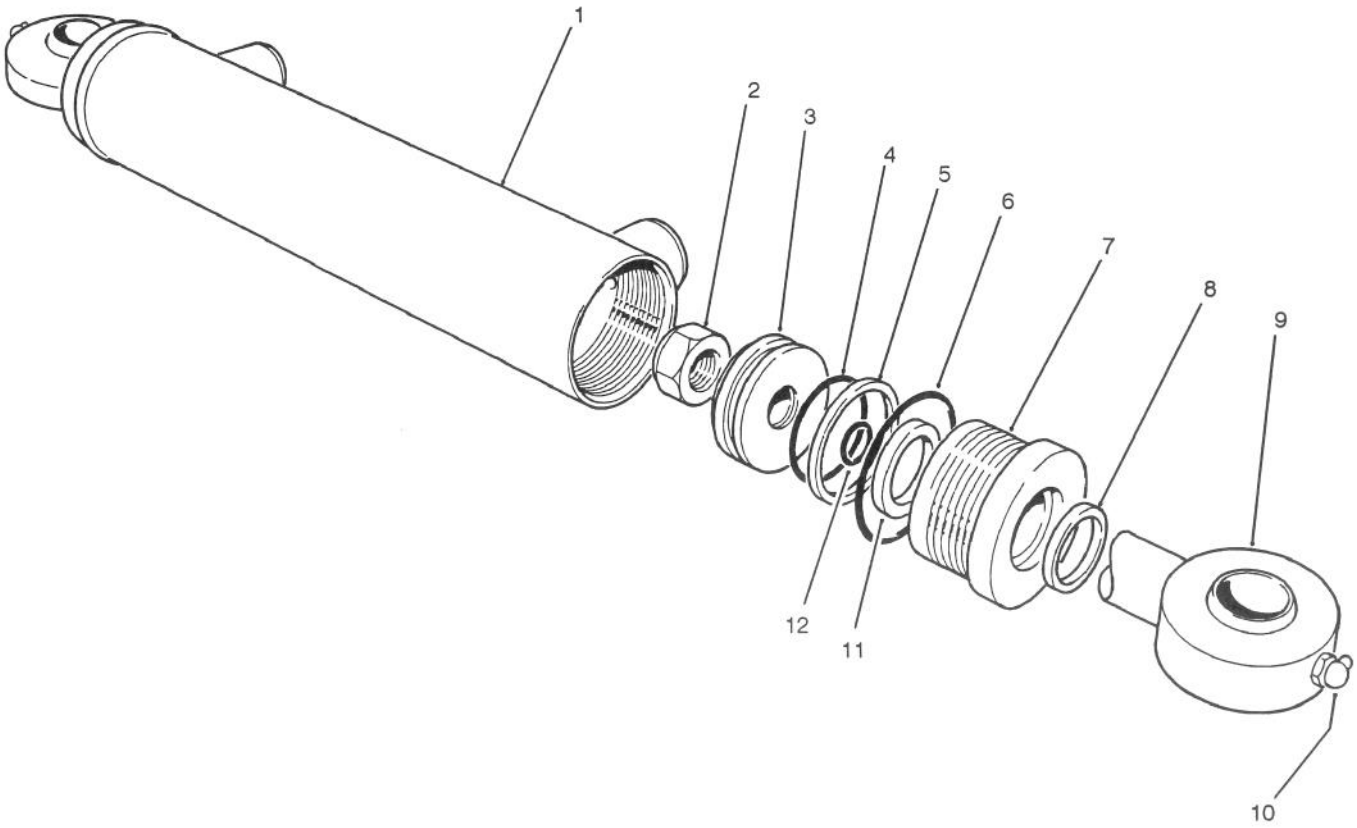
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REAR AXLE ASSEMBLY (Model No. 30450) (Continued)

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

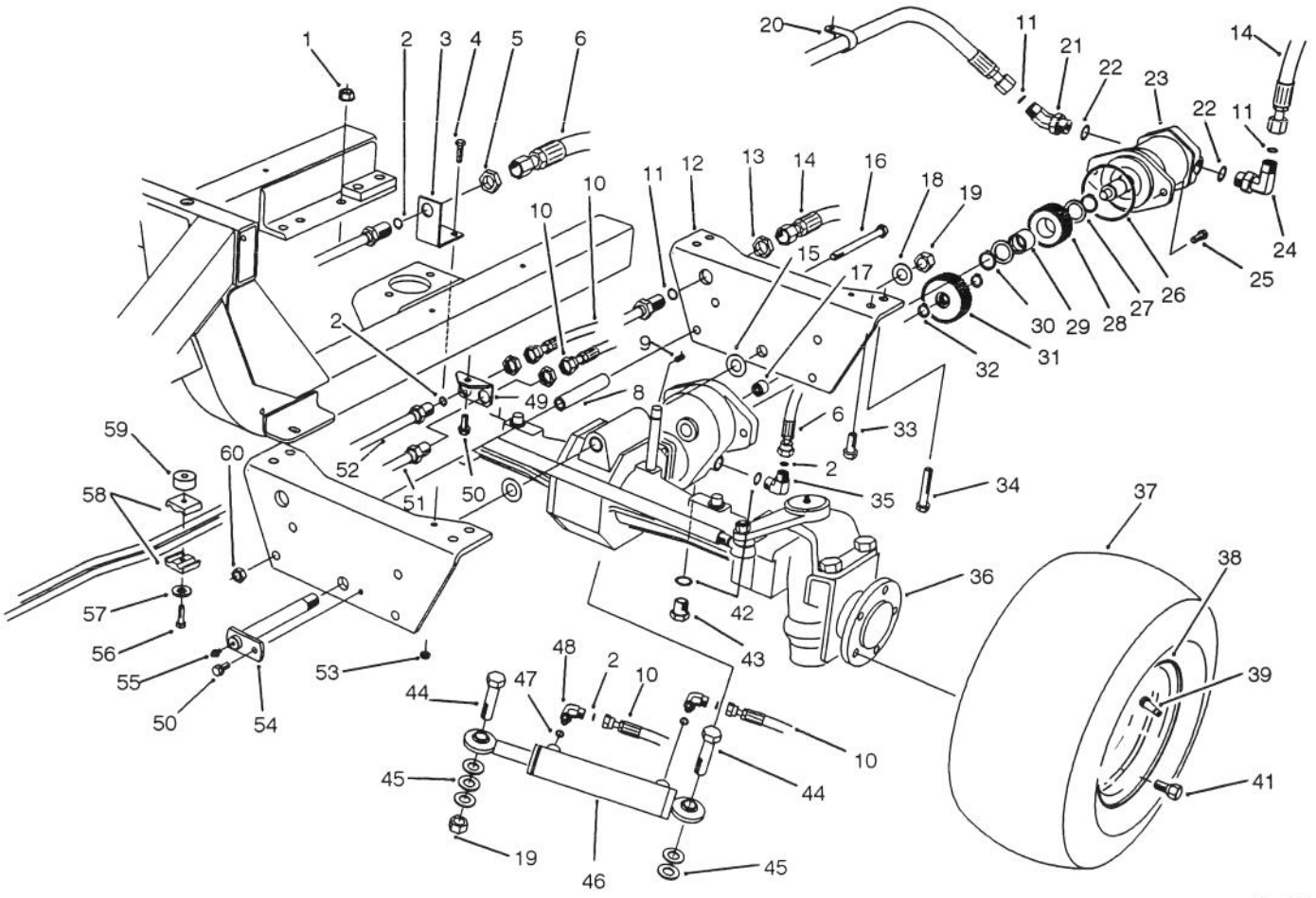


T–0994

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

Ref. No.	Part No.	Description	No. Used
1	92–2573	Butt & Tube Assy. (Incl. Ref. #10)	1
2	88–3690	Nut–Lock	1
3	88–3670	Piston	1
4		O–Ring	1
5		Seal–Teflon	1
6		O–Ring	1
7	88–3680	Gland	1
8		Wiper	1
9	88–3660	Rod–Piston (Incl. Ref. #10)	1
10		Fitting–Grease	2
11		U–Cup	1
12		O–Ring	1
*	88–3720	Seal Kit (Incl. Ref. #4–6, 8, 11 & 12)	1

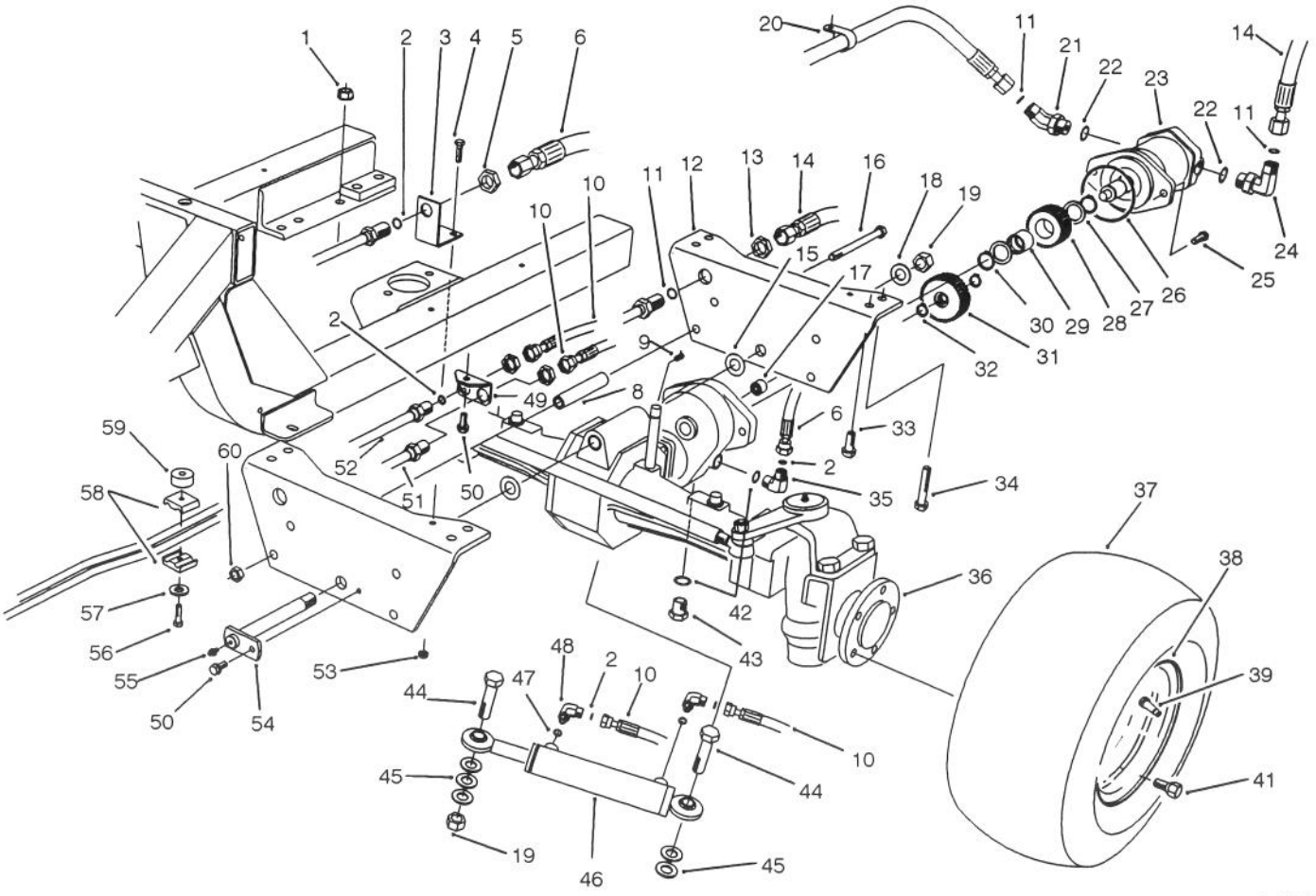
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REAR AXLE ASSEMBLY (Model No. 30455)

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
8	76–8350	Stop – Axle	2
9	3247–2	Screw – Set	1
10	76–9590	Hose – Hydraulic	2
11	237–65	O–Ring	9
12	84–1170	Plate – Axle	2
13	340–74	Nut – Bulkhead	1
14	86–2730	Hose – Hydraulic	1
15	76–6570	Washer – Thrust	2
16	325–20	Screw – Cap Hex. Hd.	2
17	74–5700	Bearing – Needle	1
18	3256–28	Washer – Flat	1
19	3296–51	Nut – Lock	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
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

Ref. No.	Part No.	Description	No. Used
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	232–27	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
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	Tube Assembly LH Rear	1
52	86–5780	Tube Assembly RH Rear	1

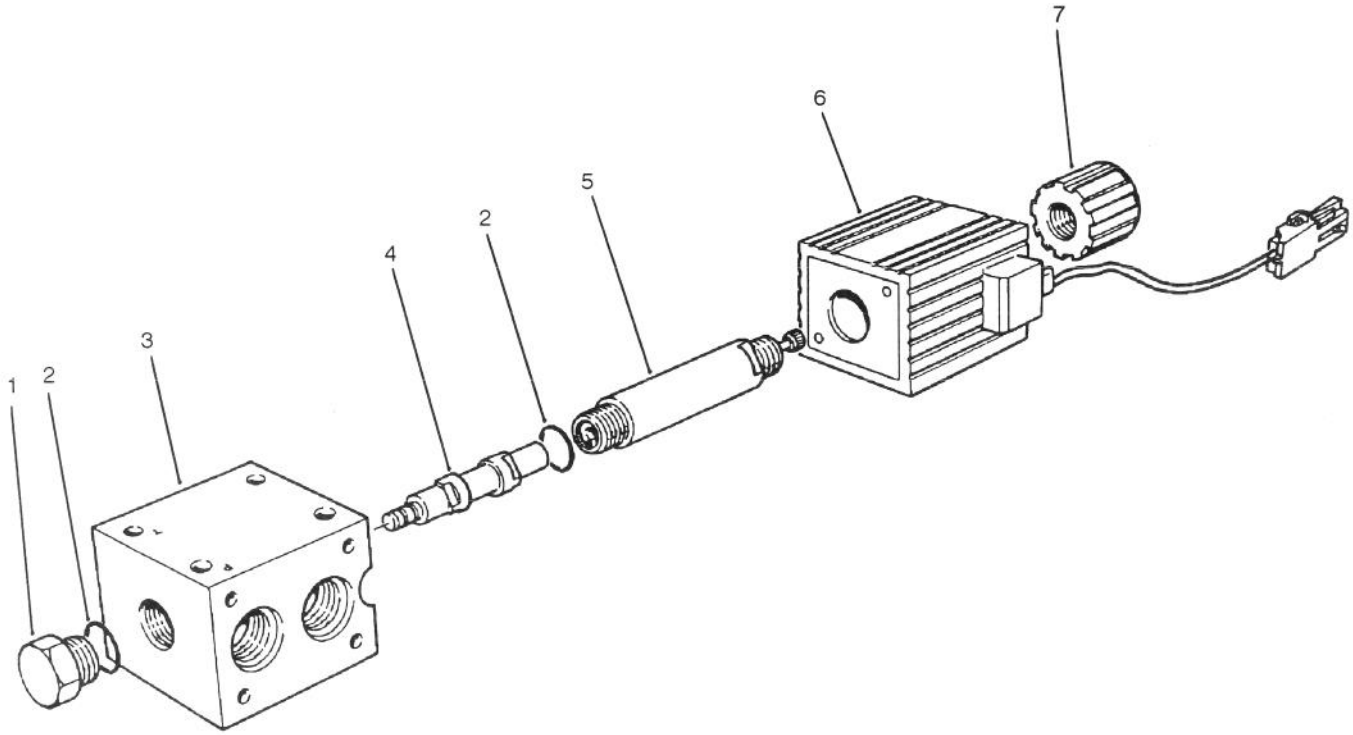


T–1515

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

Ref. No.	Part No.	Description	No. Used
53	32128–33	Nut – Flange Lock	1
54	74–5250	Pin – Axle Pivot	1
55	302–2	Fitting – Grease	1
56	32104–37	Screw – Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
57	3256–23	Washer – Flat	1
58	56–7973	Clamp – Hose	2
59	80–8660	Spacer	1
60	3296–45	Nut – Lock	2

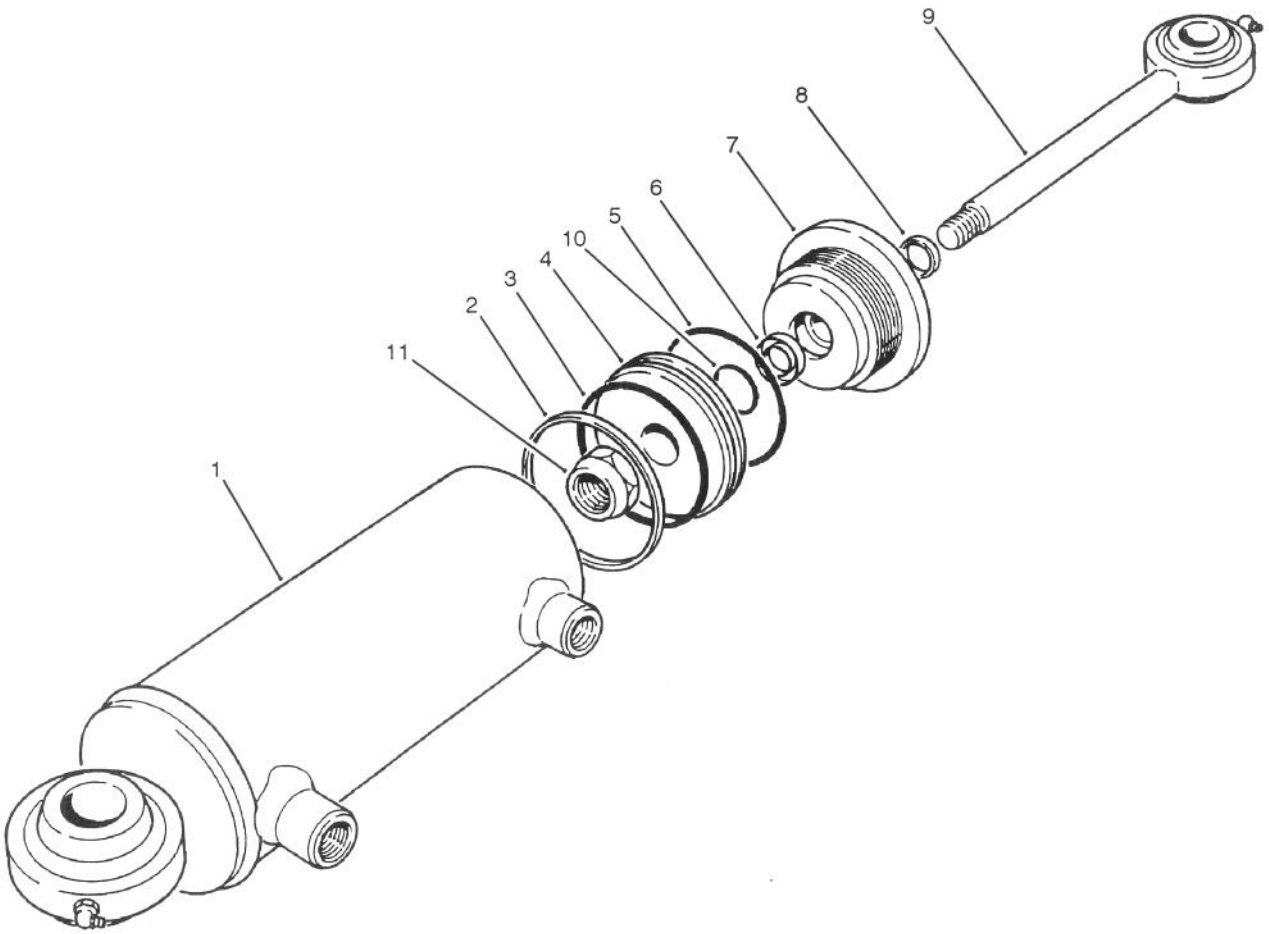


T–1126

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



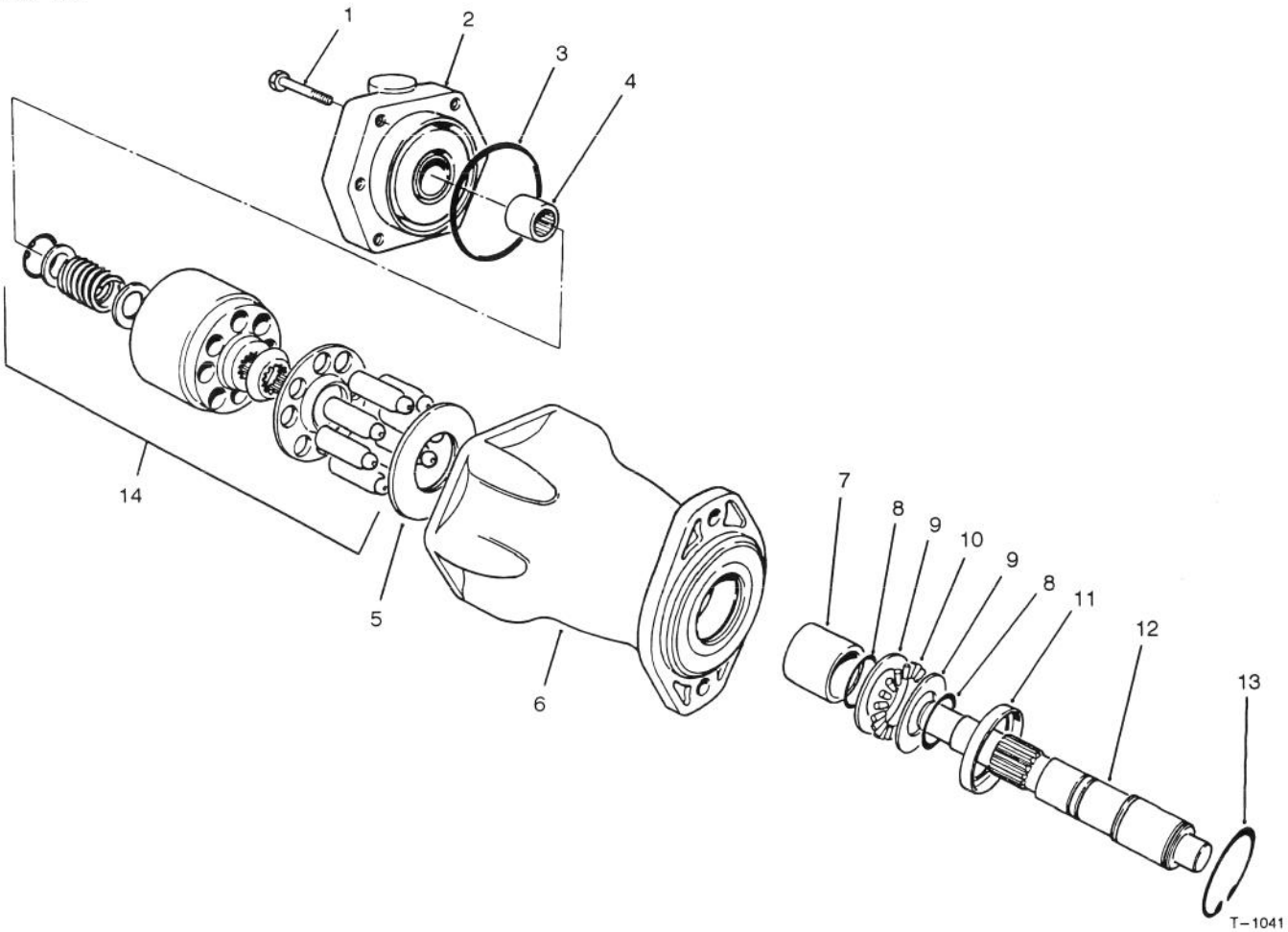
T–1037

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

Ref. No.	Part No.	Description	No. Used
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

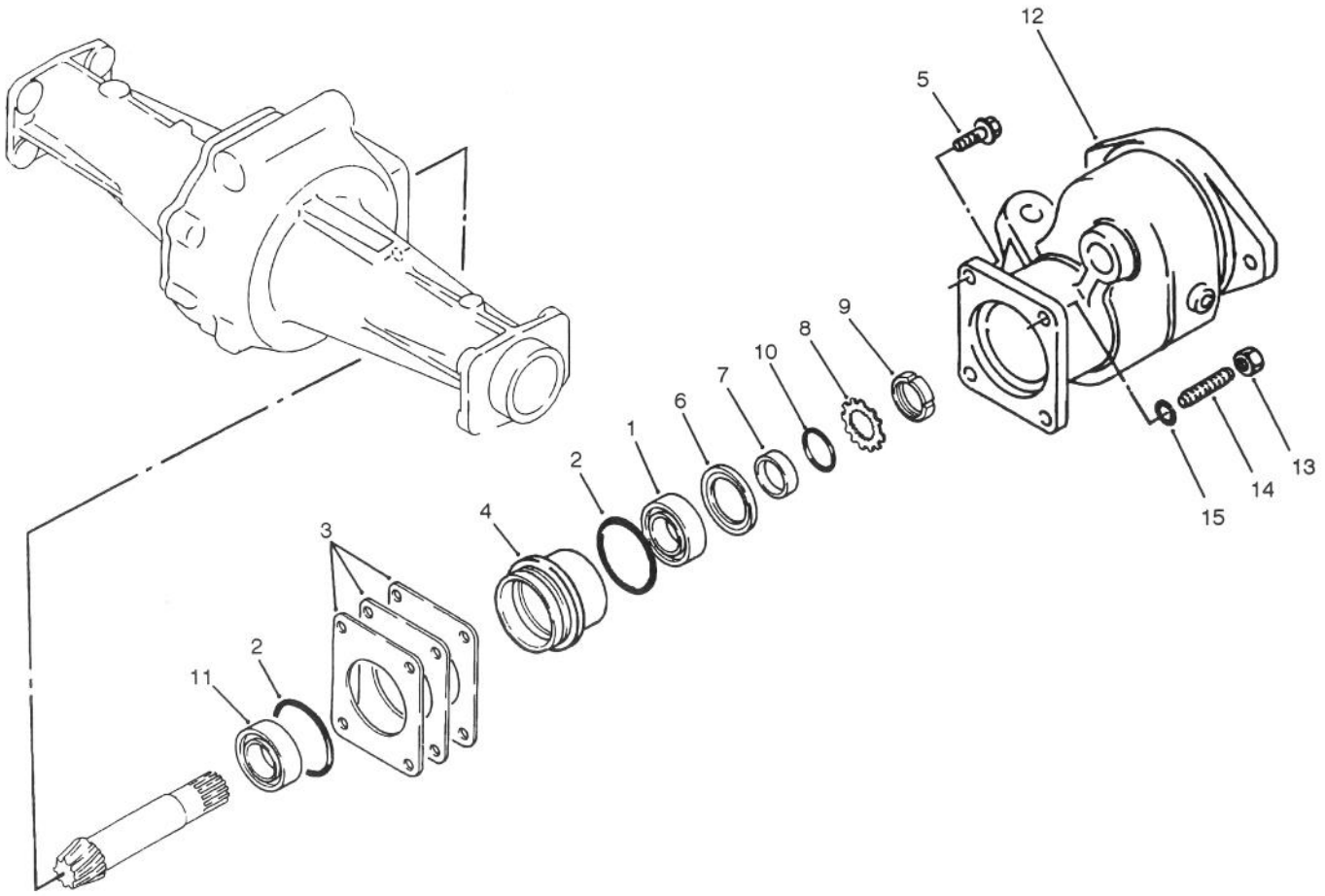
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HYDRAULIC MOTOR NO. 76-6580 (Model No. 30455)

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



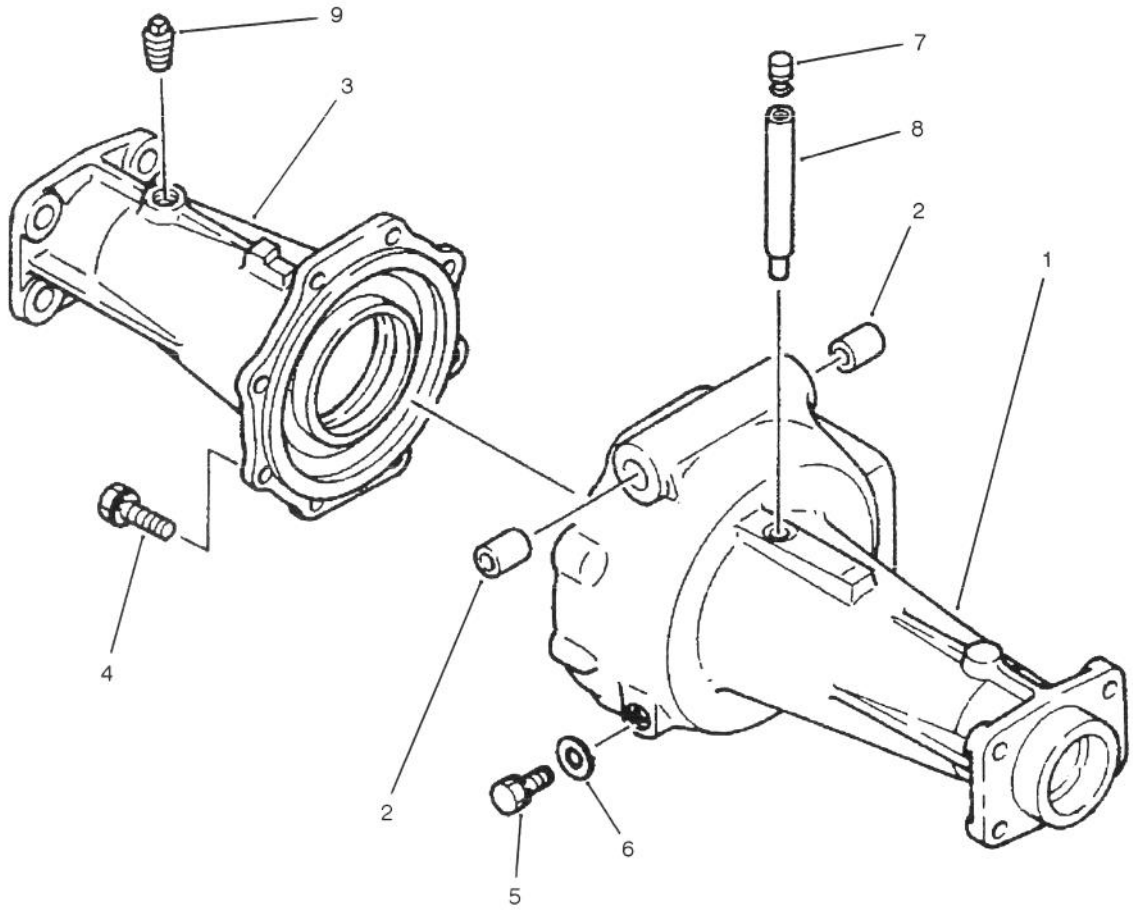
T–1109

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

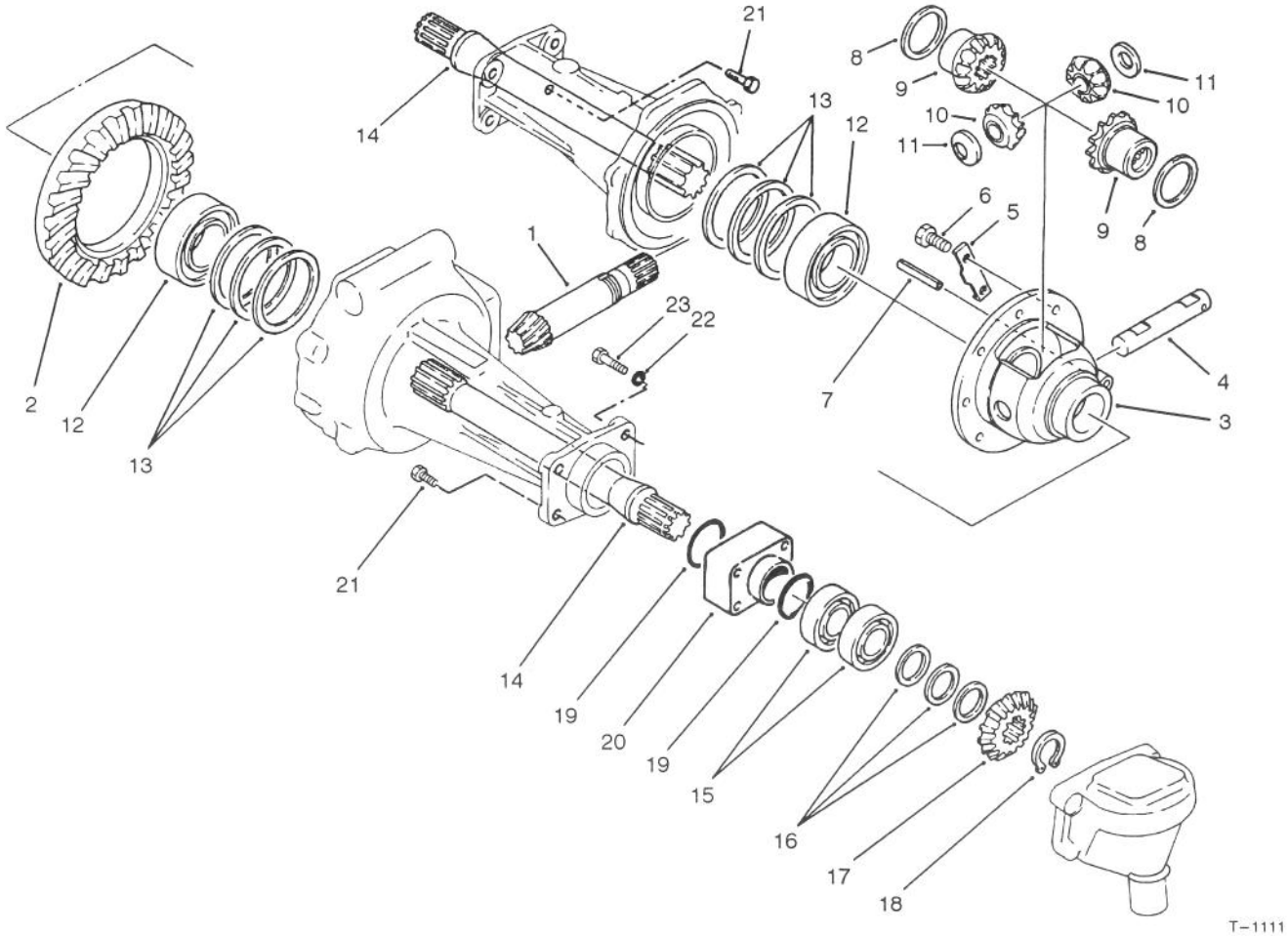


T–1112

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



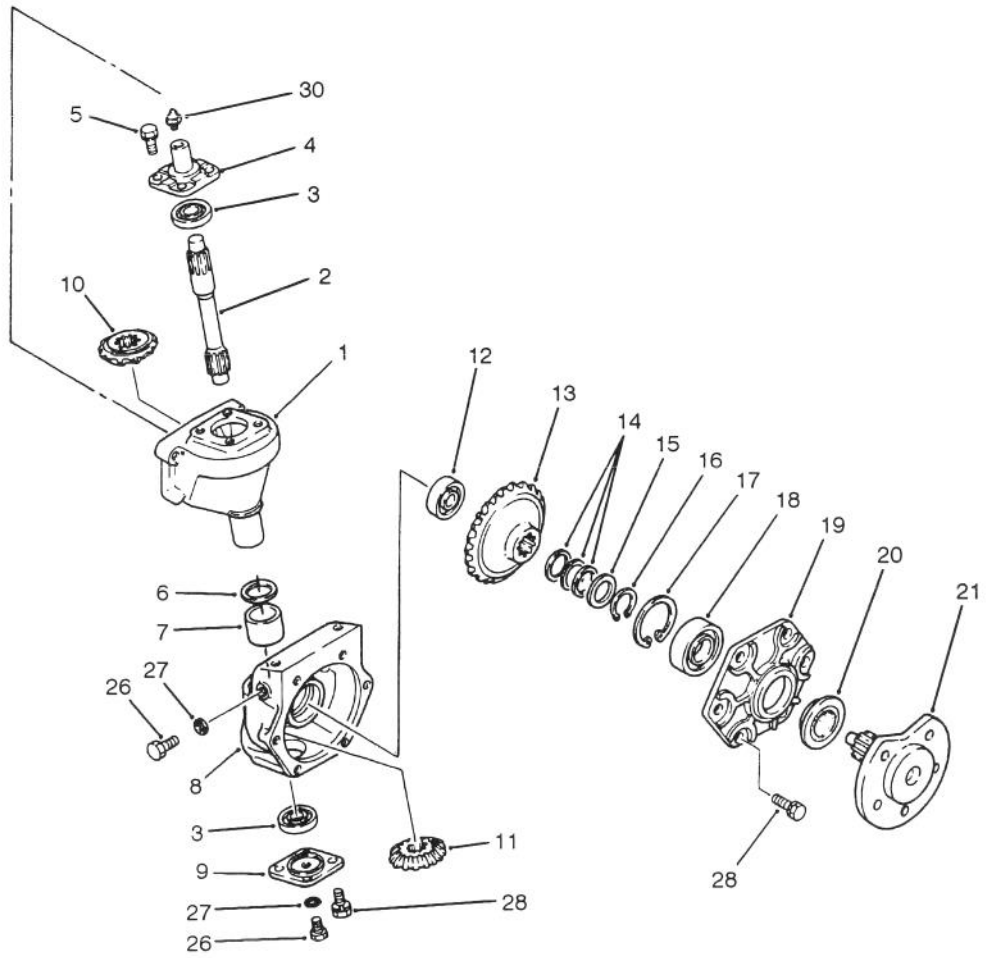
T–1111

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



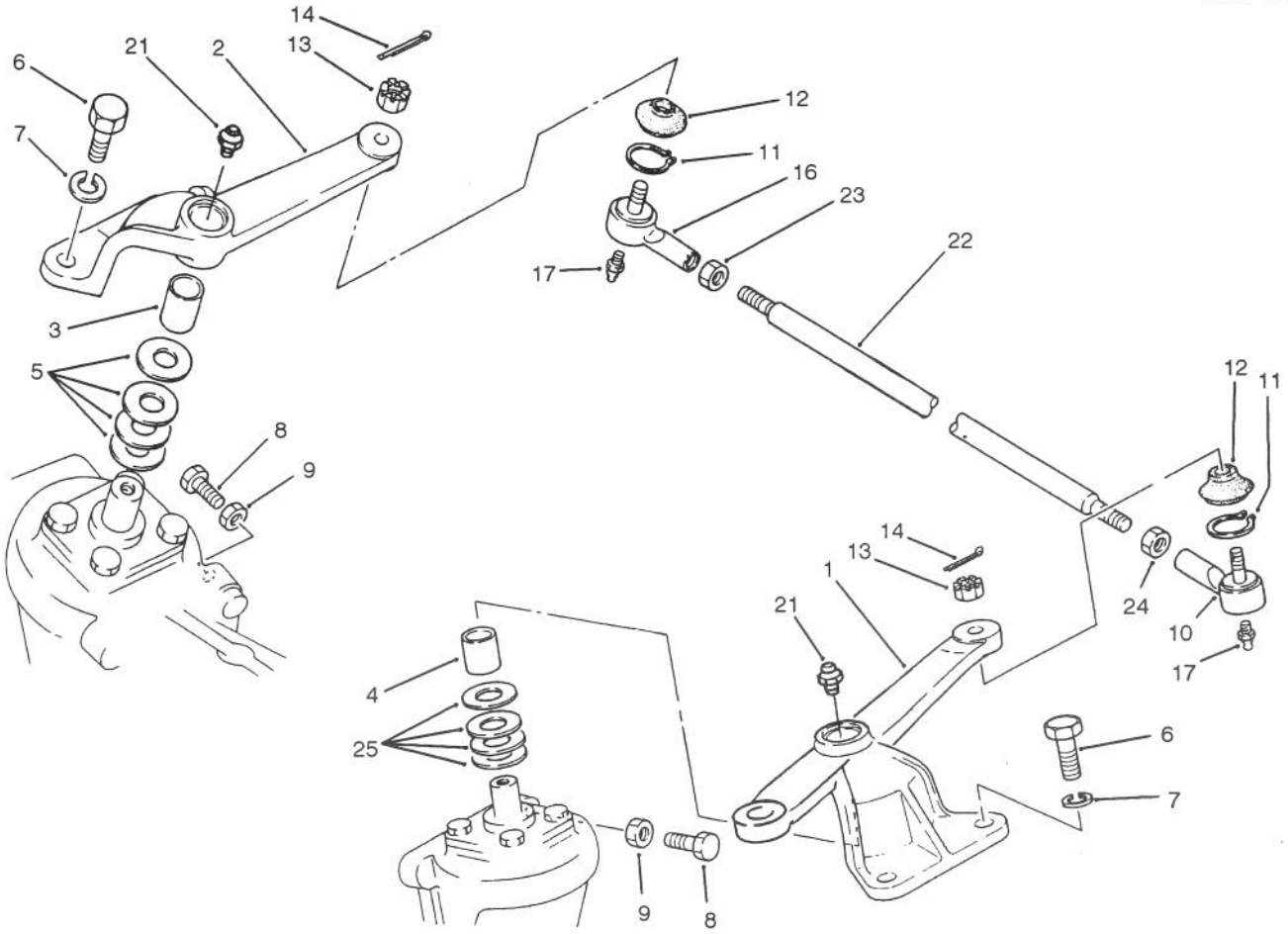
T–1110

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



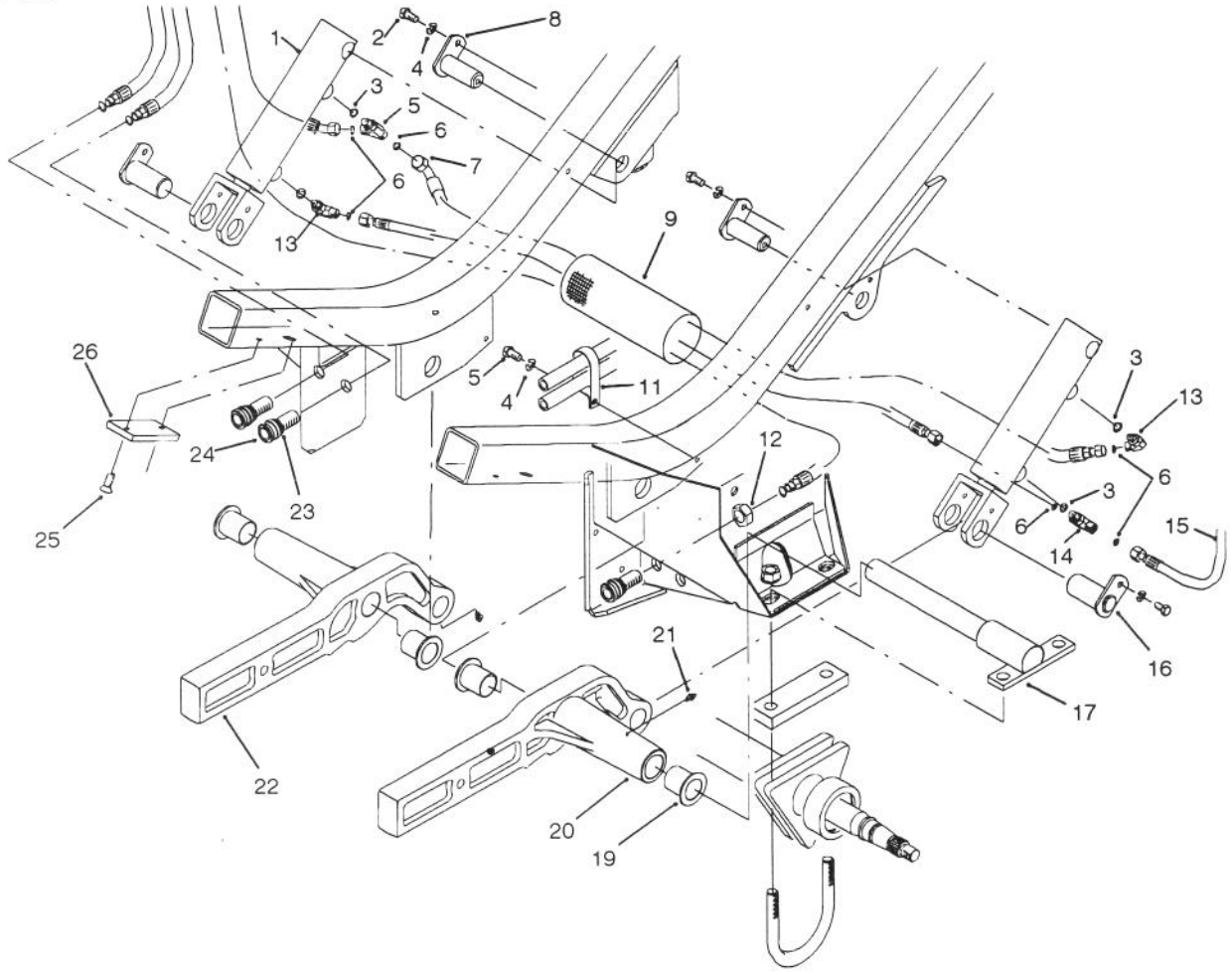
T–1108

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



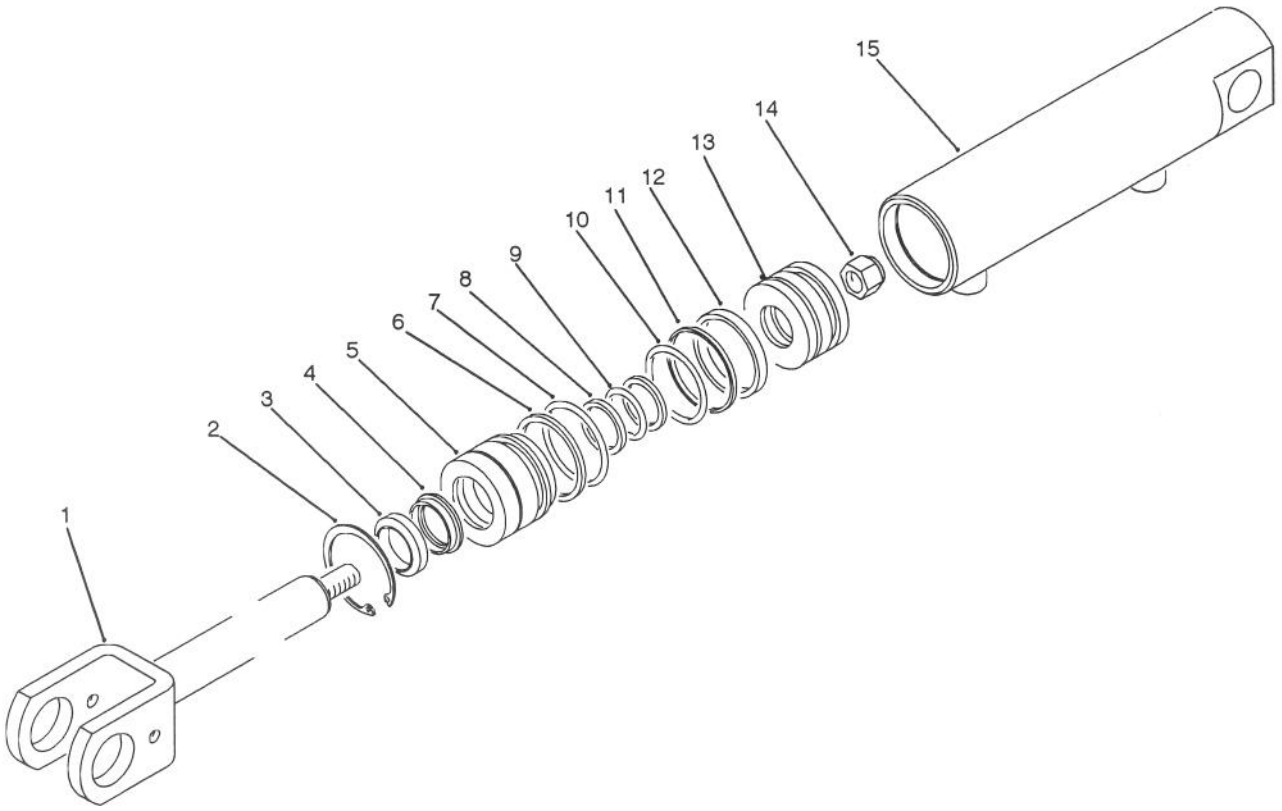
T–1505

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	Hose Assembly	1
16	88–1190	Pin – Pivot W.A.	2
17	86–2790	Pin – Pivot, L.H.	1
*	88–1200	Pin – Pivot, R.H.	1
19	68–6480	Bushing – Flange	4
20	84–0730	Arm – Lift, L.H.	1
21	302–5	Fitting – Grease	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



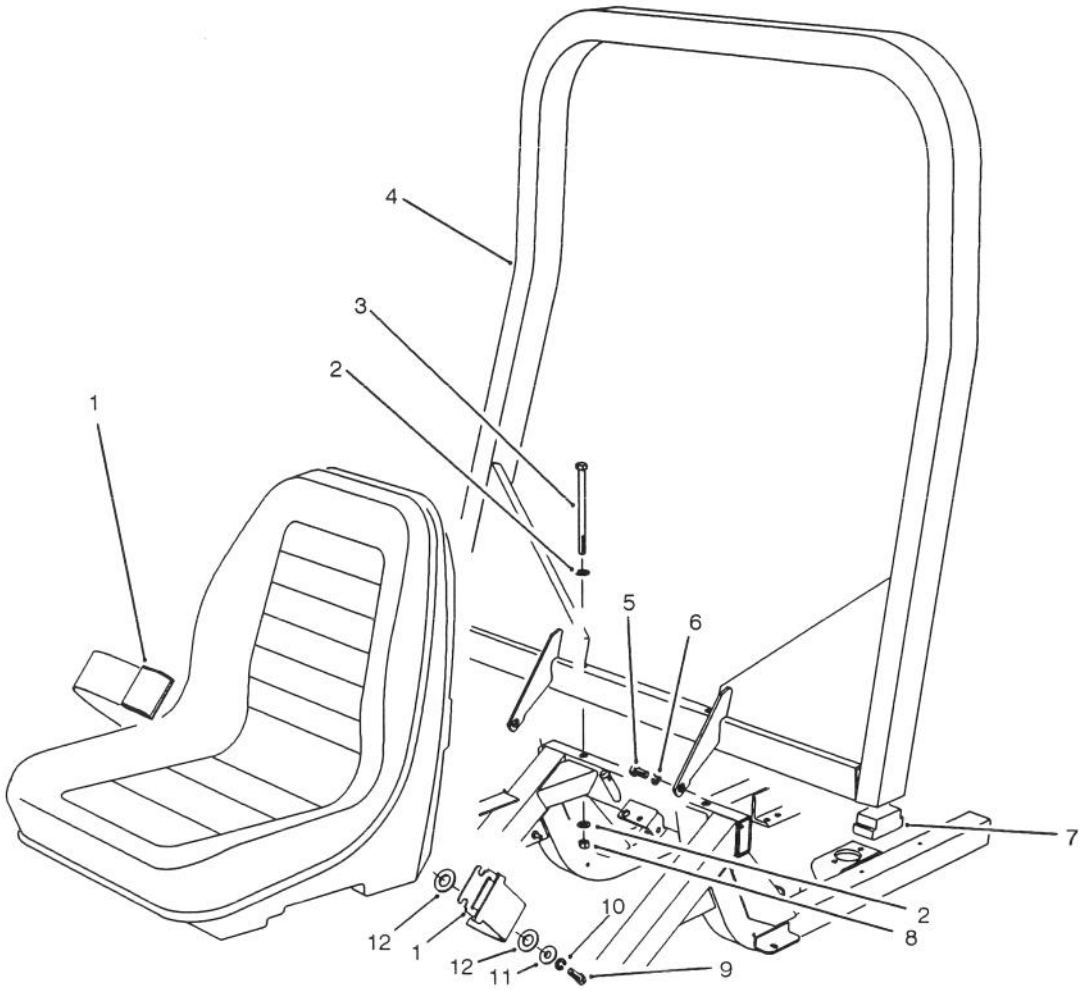
T–1490

HYDRAULIC CYLINDER NO. 86–5580

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

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

*Not Illustrated



T-1116

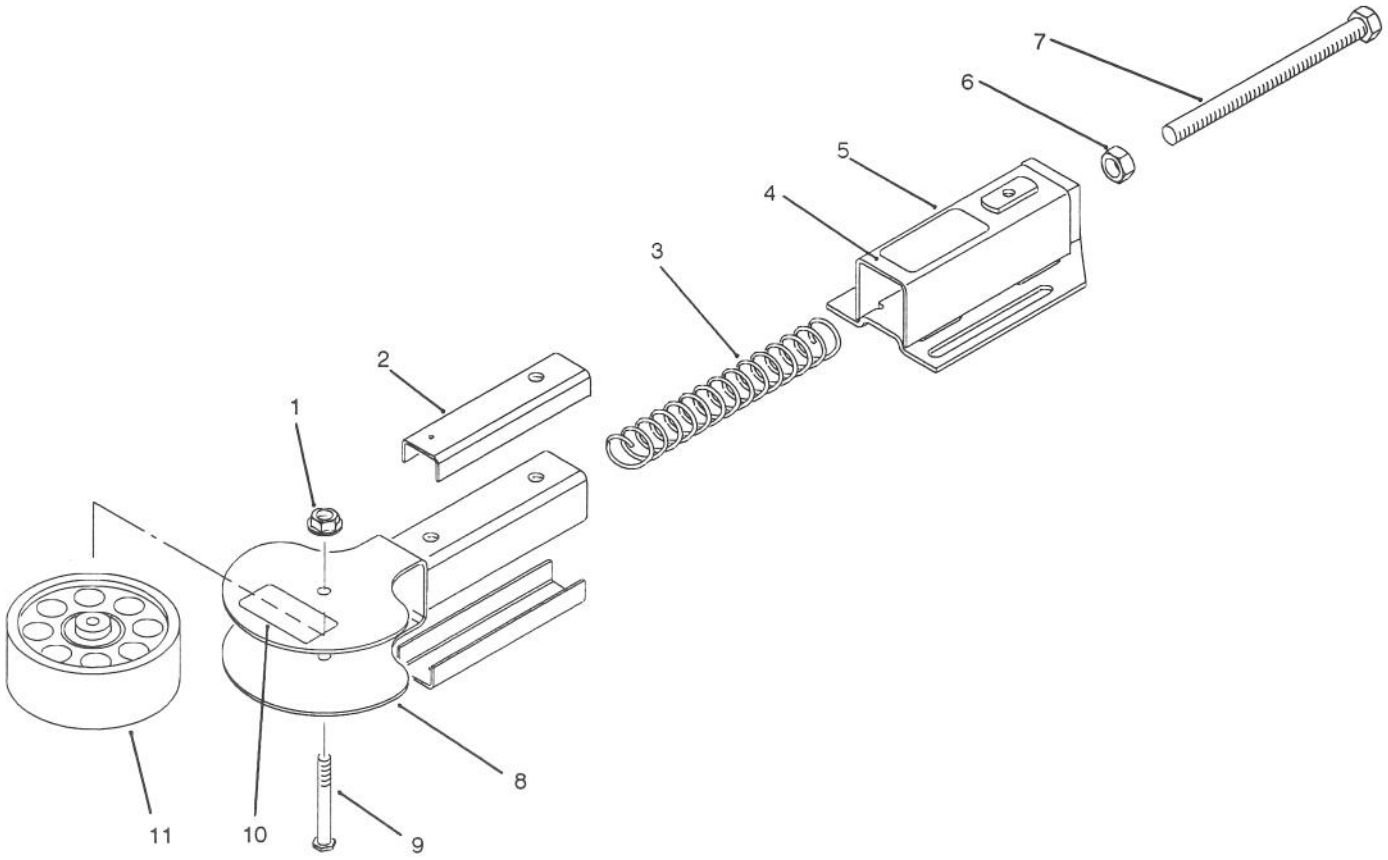
R.O.P.S. ASSEMBLY (Standard For Model No. 30455) (Optional For Model No. 30450)

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

Ref. No.	Part No.	Description	No. Used
8	3296-25	Nut - Lock	2
9	3212-5	Screw - Cap Hex. Hd.	2
10	3253-6	Washer - Lock	2
11	3256-5	Washer - Flat	2
12	3256-28	Washer - Flat	2
*		Canopy Assembly (Optional)	1

*Not Illustrated

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



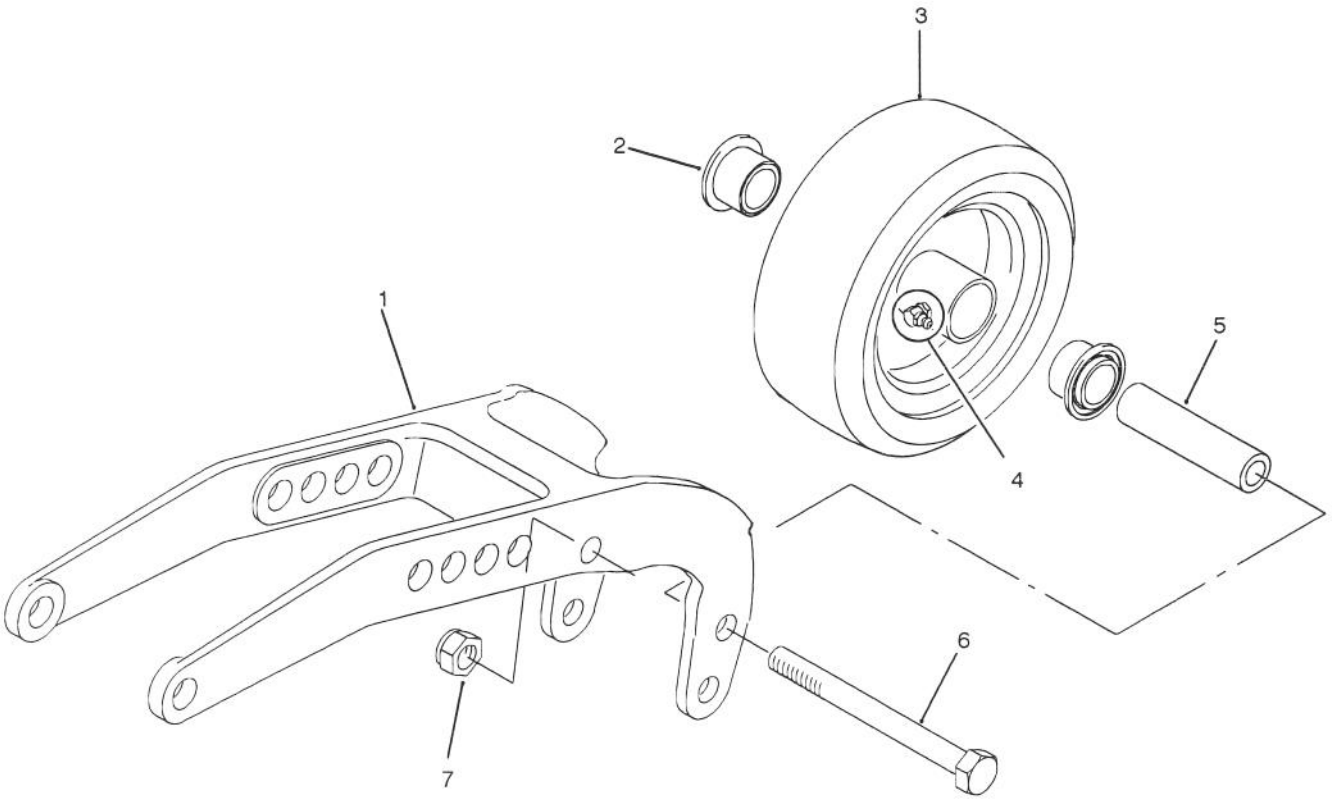
T–1451

BELT TENSION ADJUSTOR

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

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

*Not Illustrated

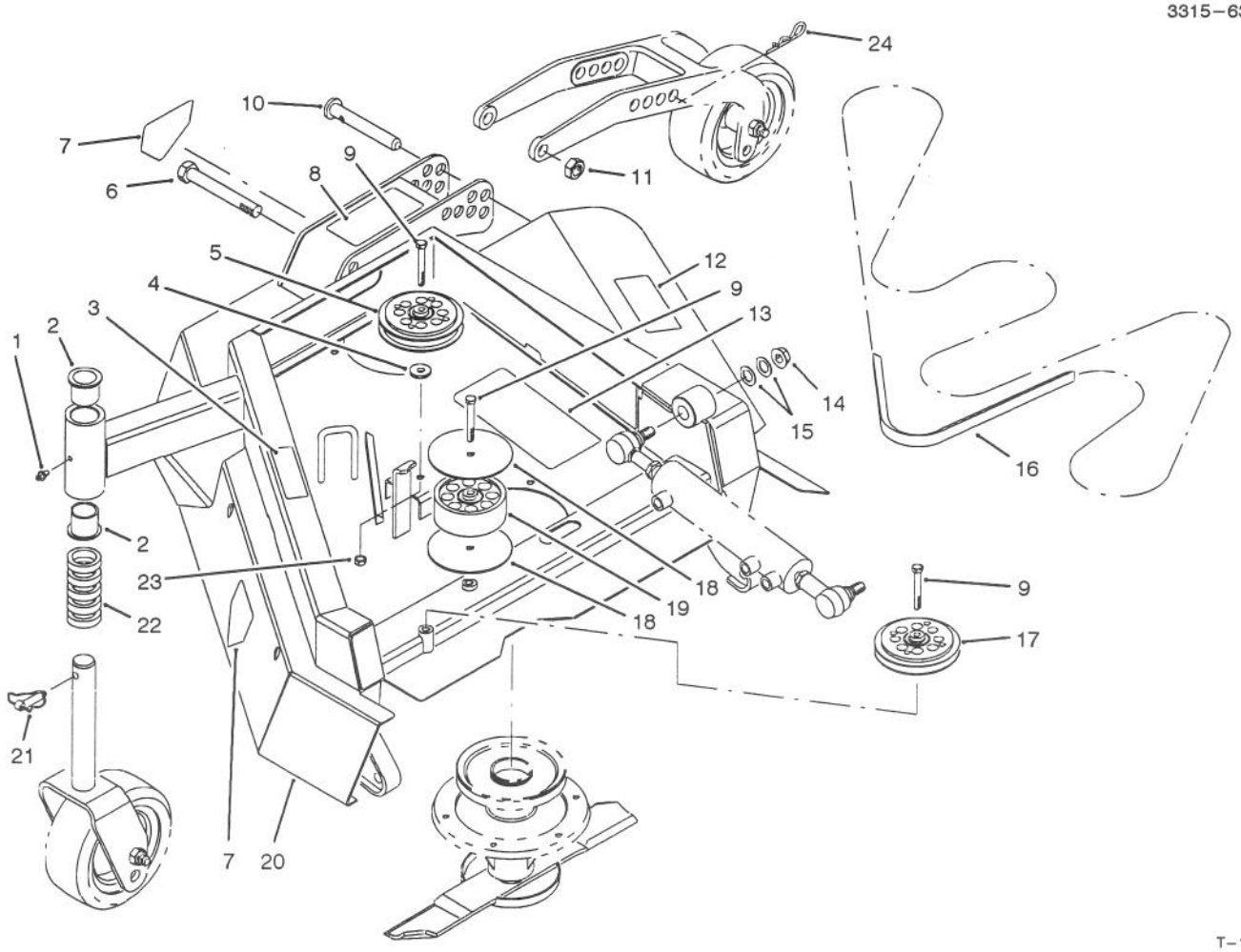


T-1450

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

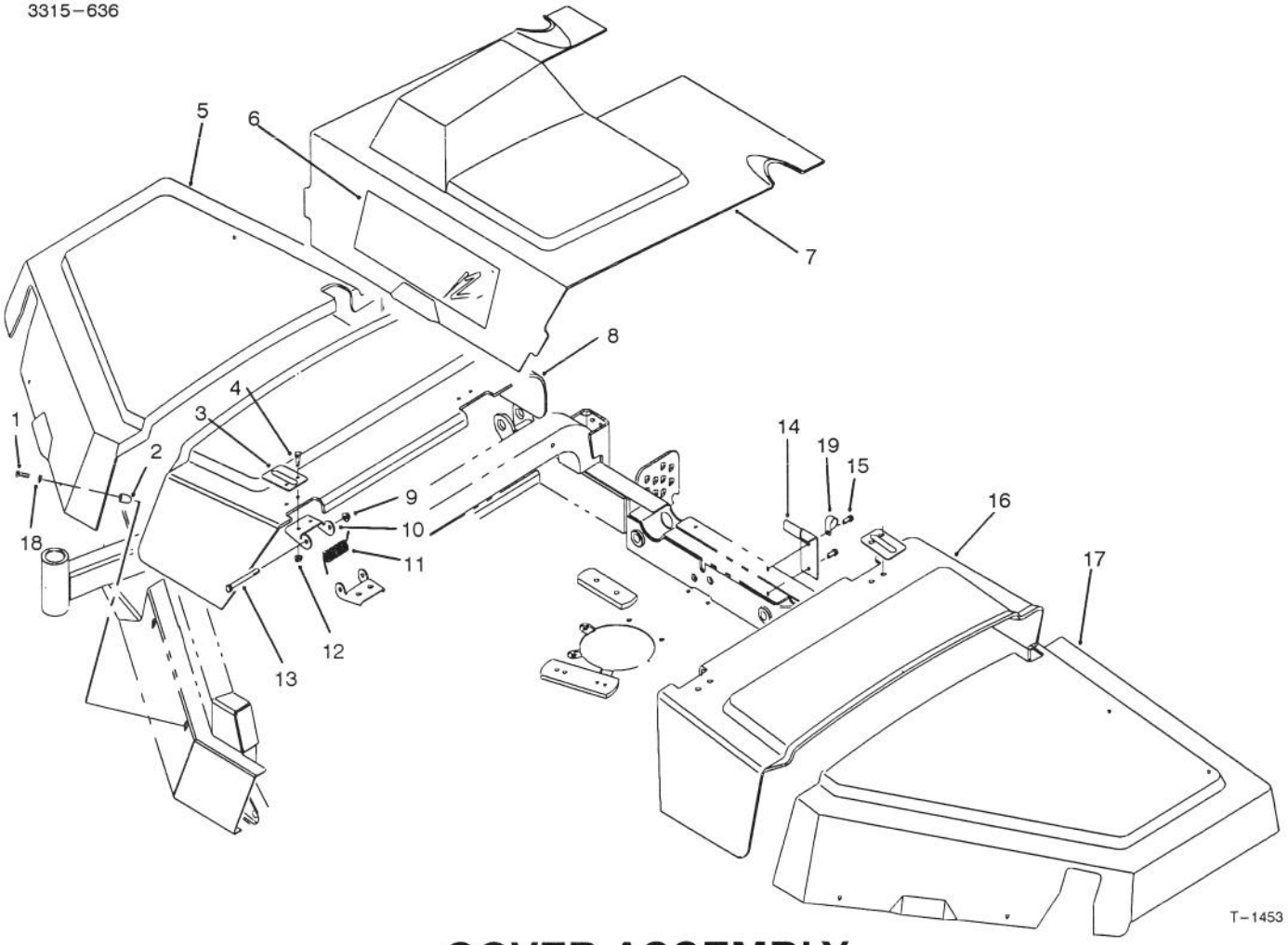


T–1452

WING DECK ASSEMBLY – R.H.

Ref. No.	Part No.	Description	No. Used
1	302–5	Fitting – Grease	1
2	69–6470	Bushing	2
3	85–6410	Decal – Danger	1
4	3256–35	Washer – Flat	1
5	92–0633	Idler Pulley Assembly	1
6	3216–6	Screw – Cap Hex. Hd.	1
7	43–8480	Decal – Danger	2
8	86–0700	Decal	1
9	323–13	Screw – Cap Hex. Hd.	3
10	86–2010	Pin – H.O.C. Pivot	1
11	3296–15	Nut – Lock	1
12	66–1340	Decal – Danger	1
13	86–0760	Decal	1

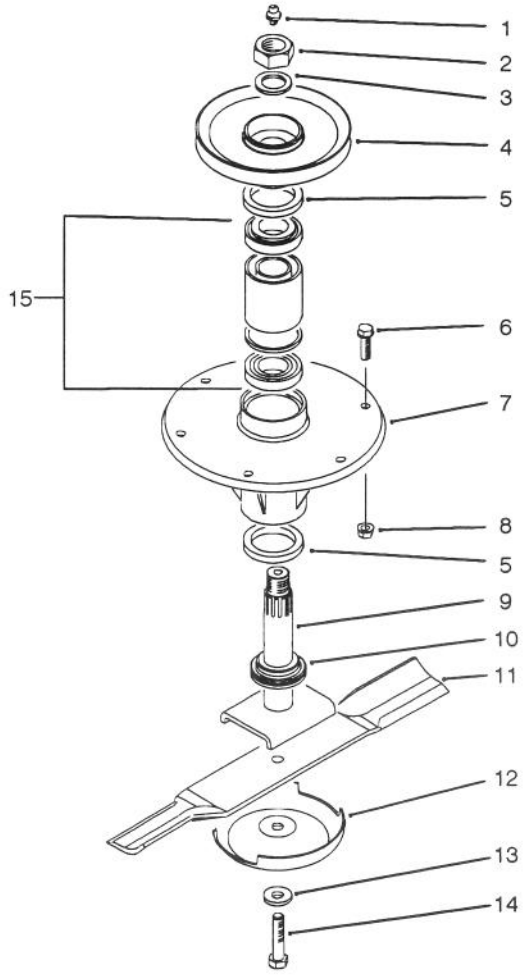
Ref. No.	Part No.	Description	No. Used
14	32128–54	Nut – Flange	1
15	86–1440	Washer – Flat	2
16	86–1960	V–Belt	1
17	84–0920	Idler Pulley Assembly	1
18	86–2600	Washer – Guide, Belt	2
20	92–0623	Wing Deck Assembly R.H. (Incl. Ref. #2, 3, 7, 8, 12 & 13)	1
21	3290–384	Pin – Lynch	1
22	69–1510	Spacer – Fork	5
23	3296–39	Nut – Lock	1
24	3290–256	Pin – Cotter, Hair	1



COVER ASSEMBLY

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

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

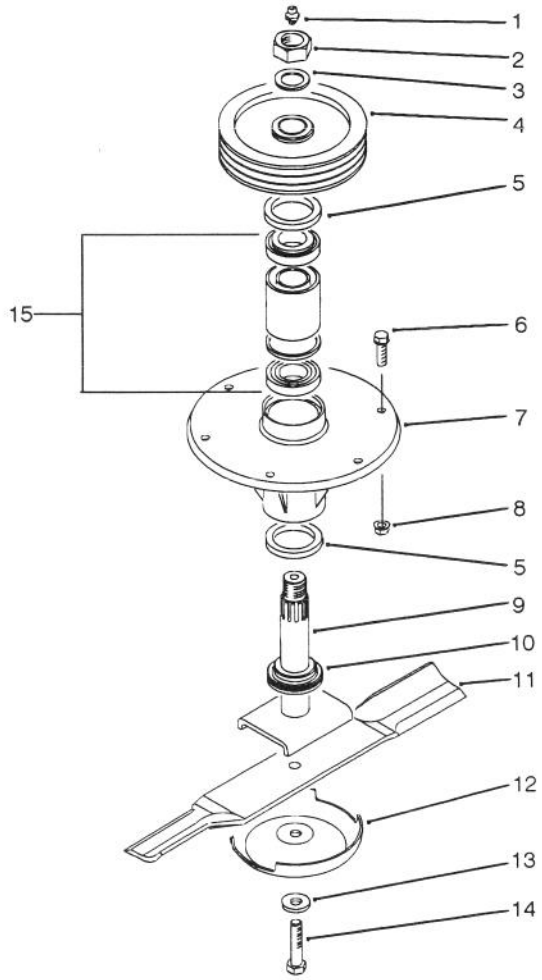


T-1327

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	32128-55	Nut - Flange	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

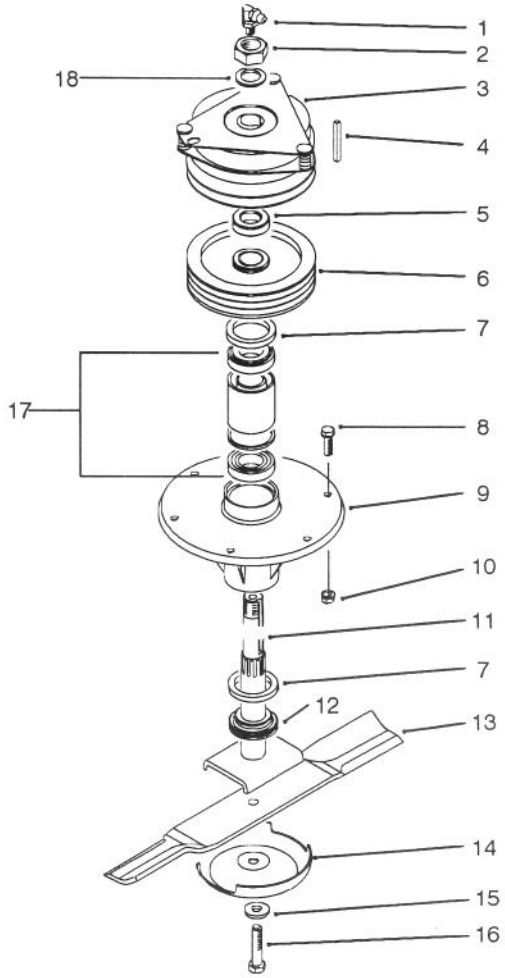


T-1328

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	32128-55	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

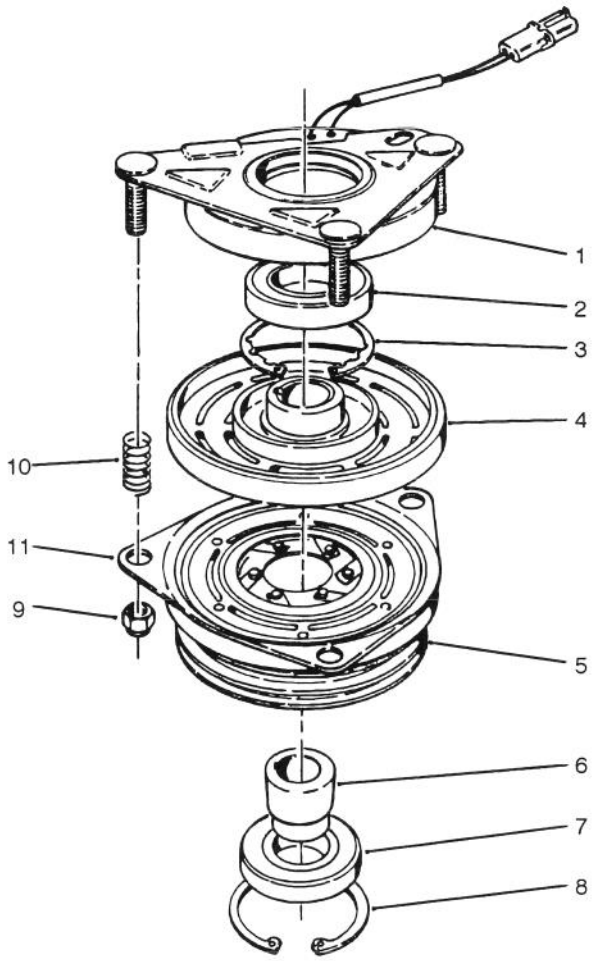


T–1329A

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	32128–55	Nut – Flange	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

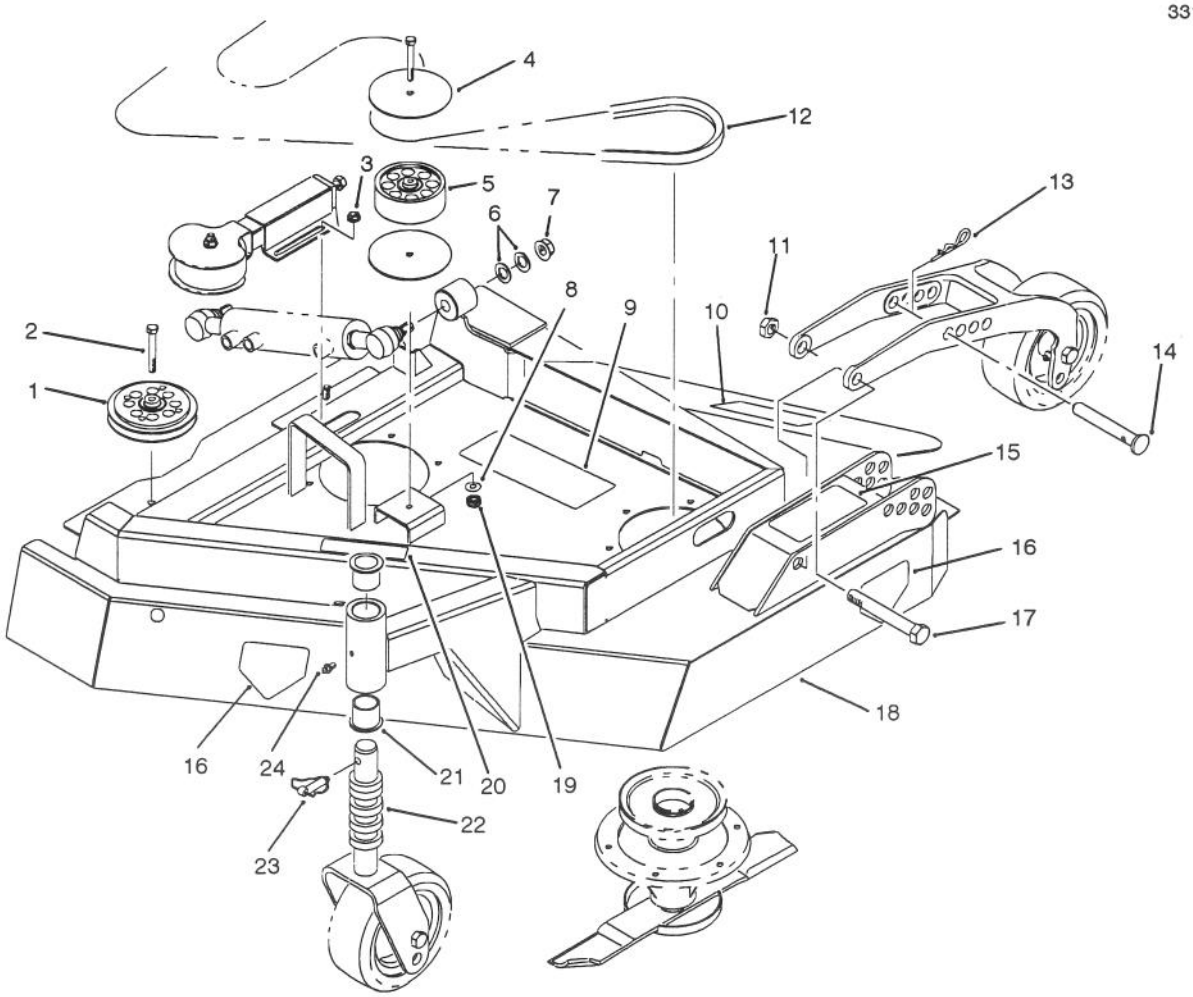


T–0544

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

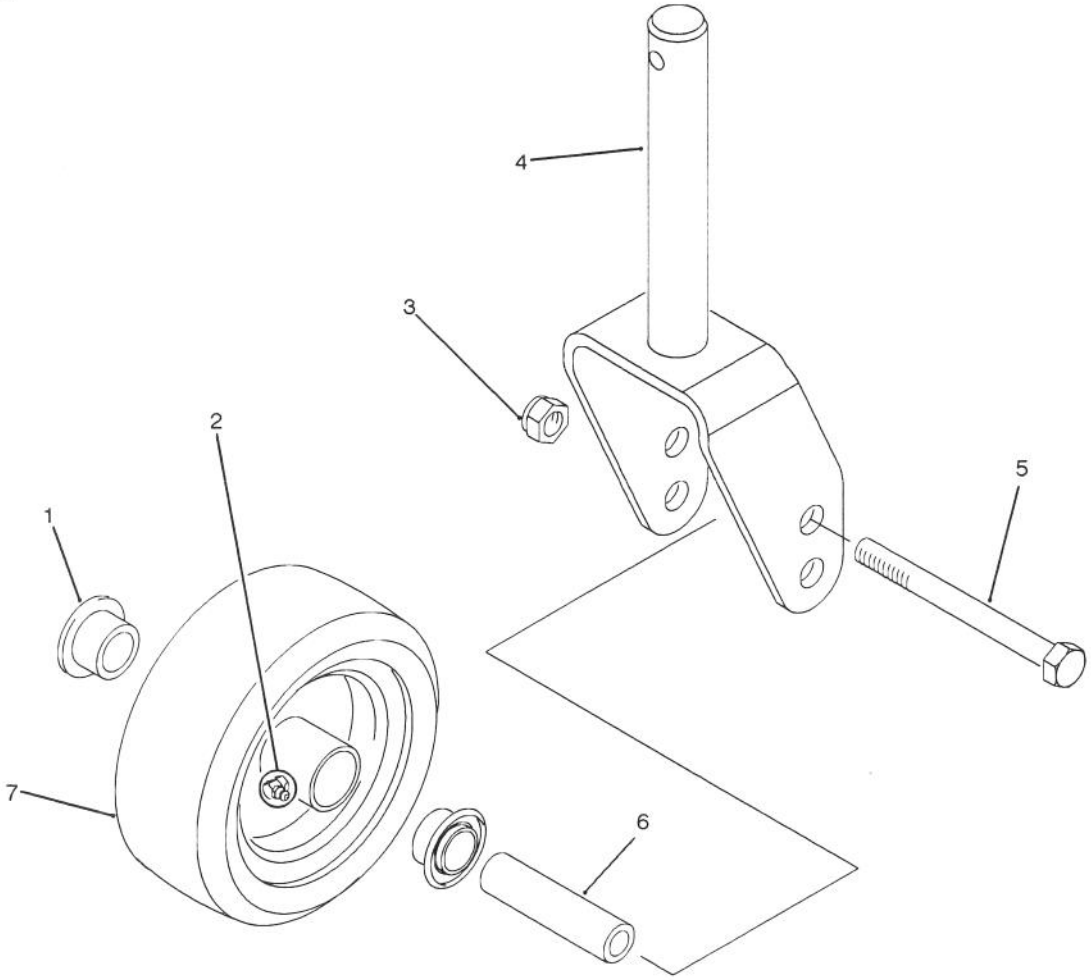


T–1454

WING DECK ASSEMBLY – L.H.

Ref. No.	Part No.	Description	No. Used
1	92–0624	V–Idler Pulley Assembly	2
2	323–13	Screw – Cap Hex. Hd.	2
3	32128–19	Nut – Lock Flange Hd.	2
4	86–2600	Washer – Belt Guide	2
5	92–0625	Idler Pulley Assembly	1
6	86–1440	Washer – Flat	2
7	32128–54	Nut – Flange	1
8	53–6380	Washer – Flat	1
9	86–0750	Decal – Belt LH	1
10	66–1340	Decal – Danger	1
11	3296–15	Nut – Lock	1
12	86–1960	V–Belt	1
13	3290–256	Pin – Cotter Hair	1

Ref. No.	Part No.	Description	No. Used
14	86–2010	Pin – H.O.C., Wing	1
15	86–0710	Decal – H.O.C. Wing LH	1
16	43–8480	Decal – Danger	2
17	3216–6	Screw – Cap Hex. Hd.	1
18	92–0622	Deck – Wing, LH (Incl. Ref. #9, 10, 15, 16, 20 & 21)	1
19	3296–39	Nut – Lock	1
20	85–6410	Decal – Danger	1
21	69–6470	Bushing	2
22	69–1510	Spacer	5
23	3290–384	Pin – Lynch	1
24	302–5	Fitting – Grease	1



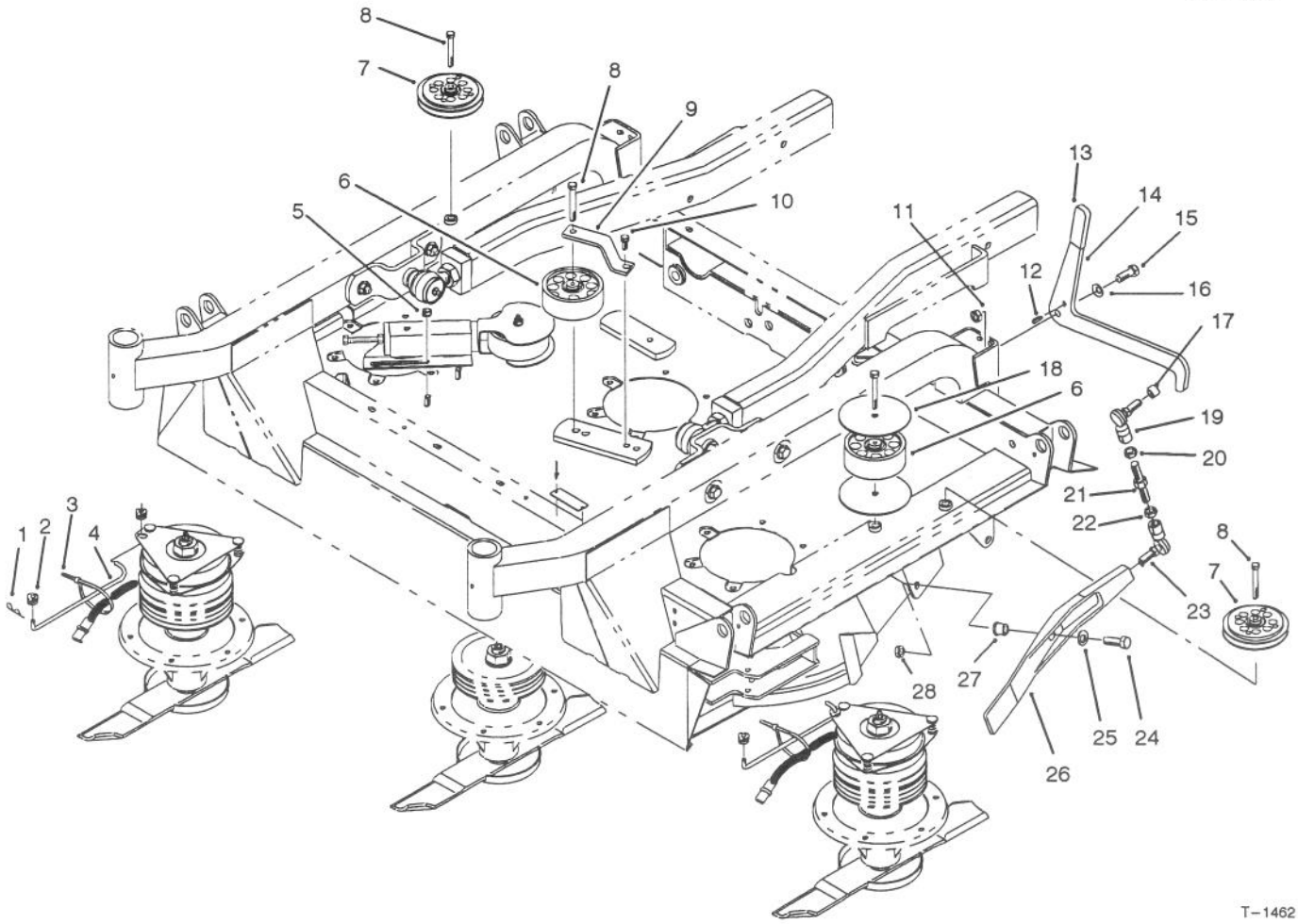
T–1461

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
*	92–1654	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

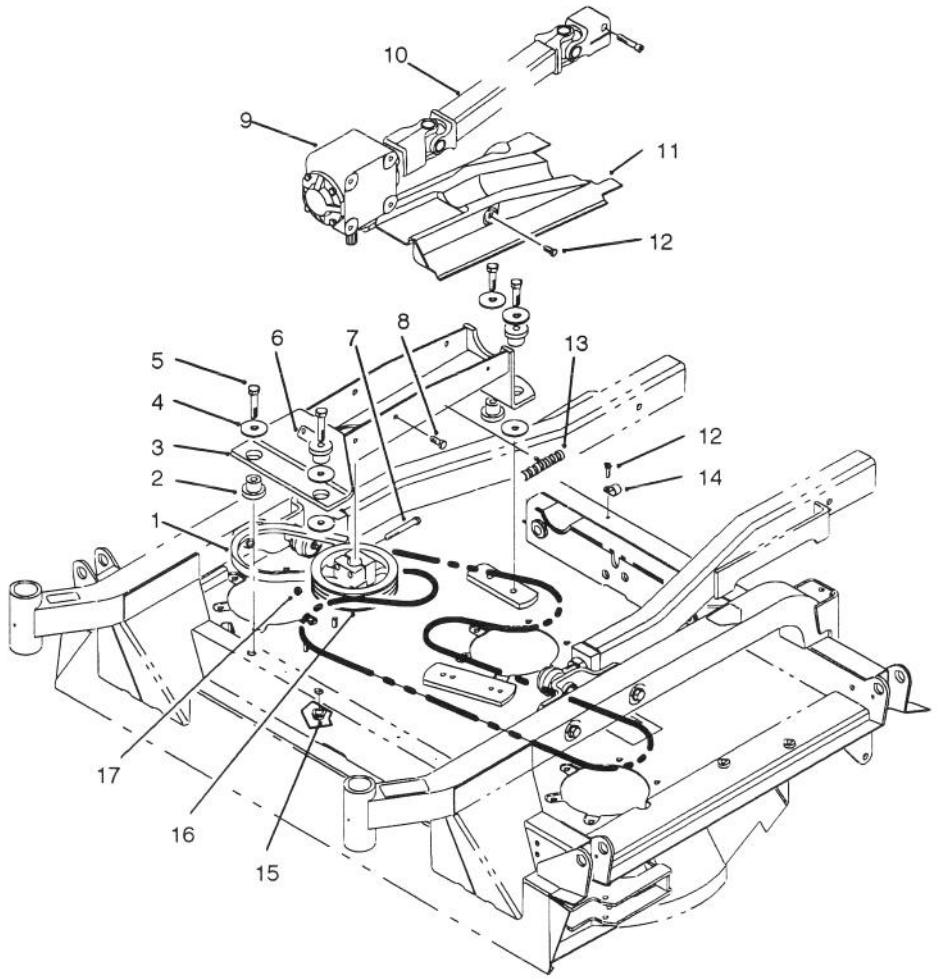


T–1462

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	92–0625	Idler Pulley Assembly	2
7	92–0624	Idler Pulley Assembly	2
8	323–13	Screw – Cap Hex. Hd.	4
9	86–1820	Bracket – Pulley	1
10	32144–70	Screw – Hex. Flange Hd.	1
11	3296–25	Nut – Lock	2
12	32121–11	Pin – Roll	2
13	48–7080	Cover – Handle	2
14	86–2400	Latch – Arm	2

Ref. No.	Part No.	Description	No. Used
15	325–5	Screw – Cap Hex. Hd.	2
16	3290–483	Washer – Belleville	2
17	86–1560	Spacer	2
18	86–2600	Washer	2
19	86–1490	Rod End – LH Thread	2
20	3220–12	Nut – Jam LH Thread	2
21	86–1570	Rod – Threaded	2
22	3220–5	Nut – Jam	2
23	86–1550	Rod End – RH Thread	2
24	325–7	Screw – Cap Hex. Hd.	2
25	3256–26	Washer – Flat	2
26	92–2559	Door Trap	2
27	256–243	Bushing	2
28	3296–45	Nut – Lock	2



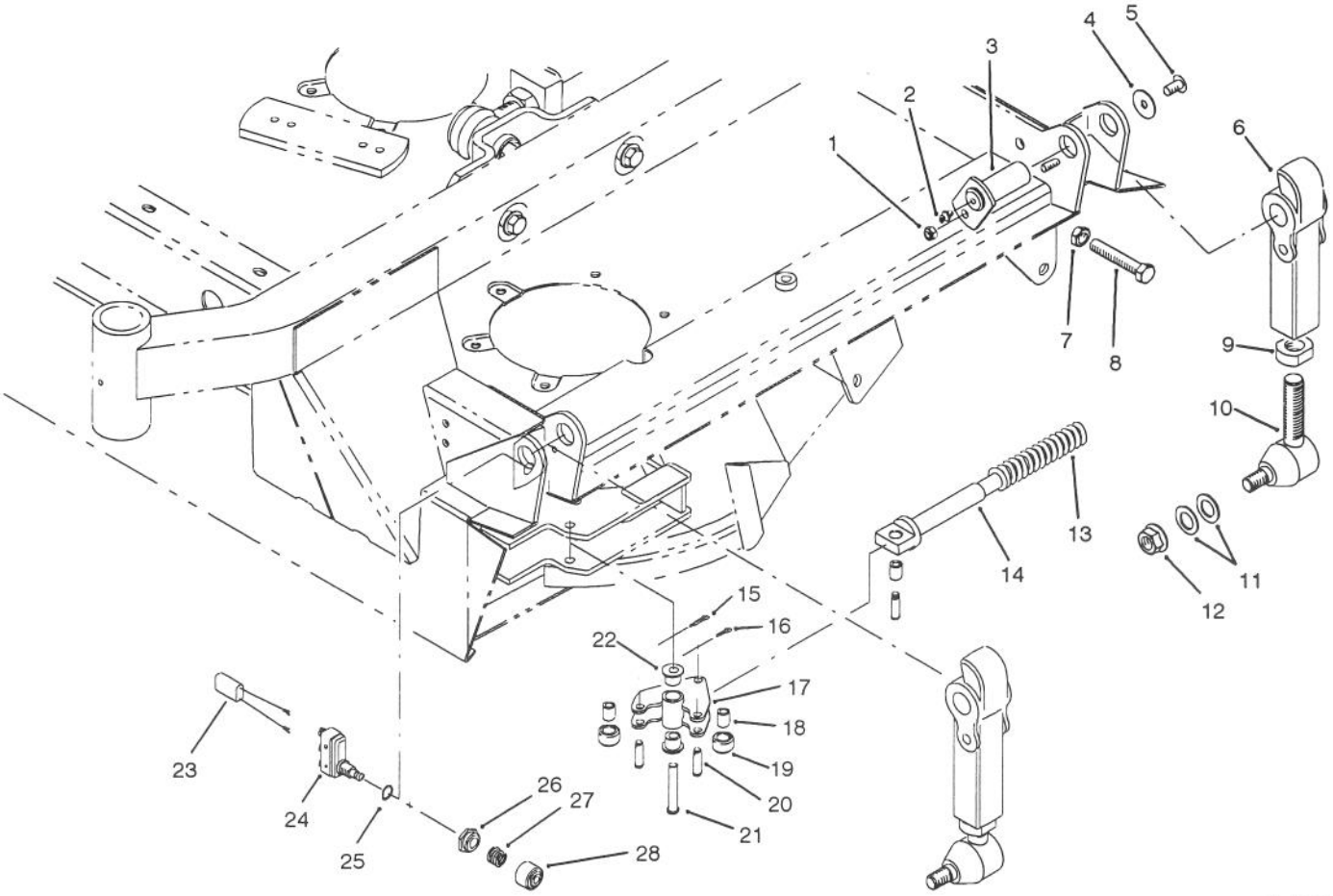
T–1455

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

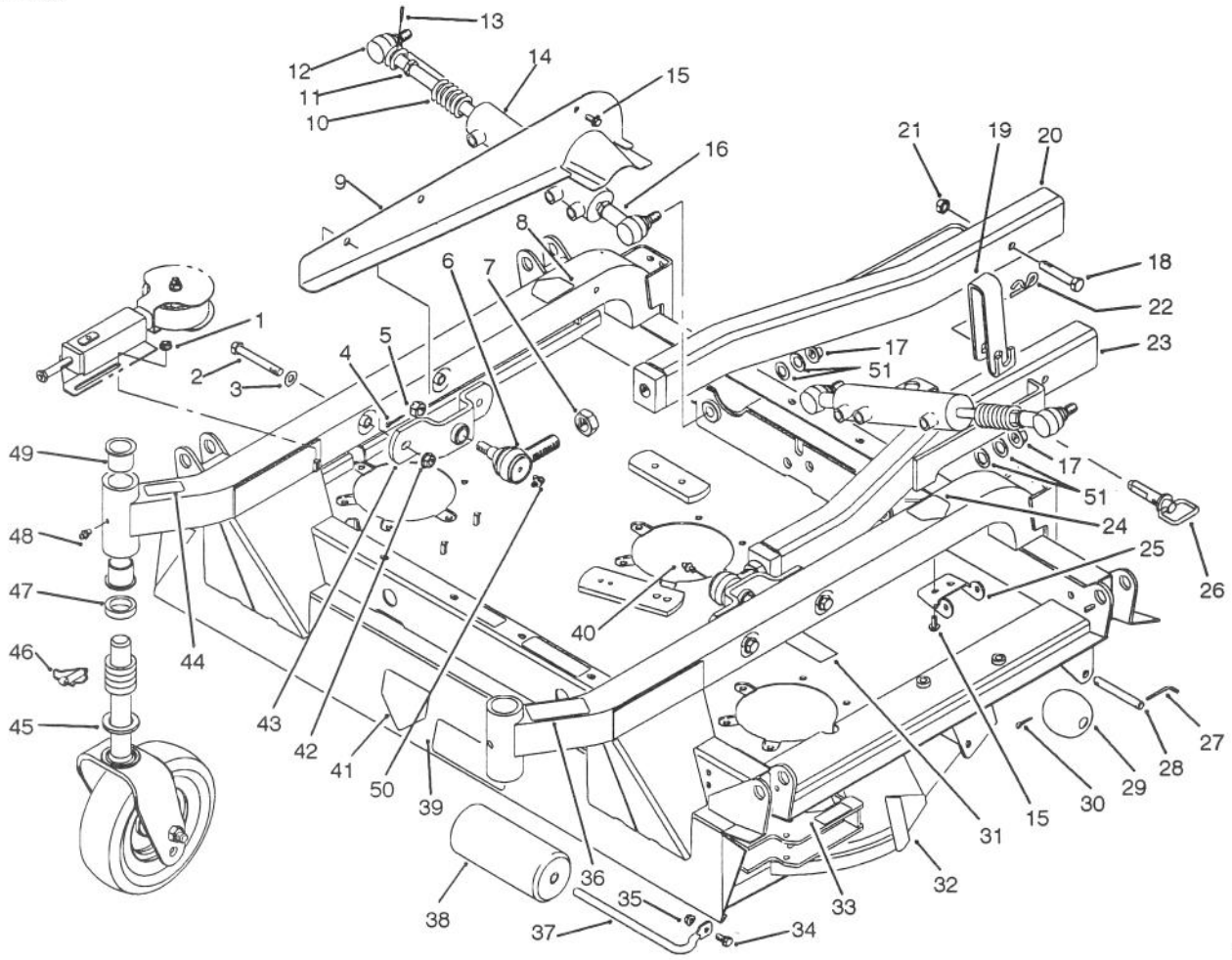
PIVOT ARM ASSEMBLY

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	36–4030	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	32128–54	Nut – Flange	8
13	86–2560	Spring	2
14	86–2650	Support – Spring	2
15	3272–9	Pin – Cotter	2

Ref. No.	Part No.	Description	No. Used
16	3272–5	Pin – Cotter	6
17	86–2150	Lock W.A.	2
18	86–2090	Bushing	6
19	86–2120	Roller	4
20	283–61	Pin – Clevis	6
21	86–2130	Pin – Clevis	2
22	86–2180	Bushing	4
23	72–3790	Wire Assembly	2
24	86–2680	Switch	2
*	86–2681	Switch Hardware Packet (Incl. Ref. #25–28)	1
25		Washer	2
26		Nut	2
27		Spring	2
28		Boot	2

*Not Illustrated

3315–636



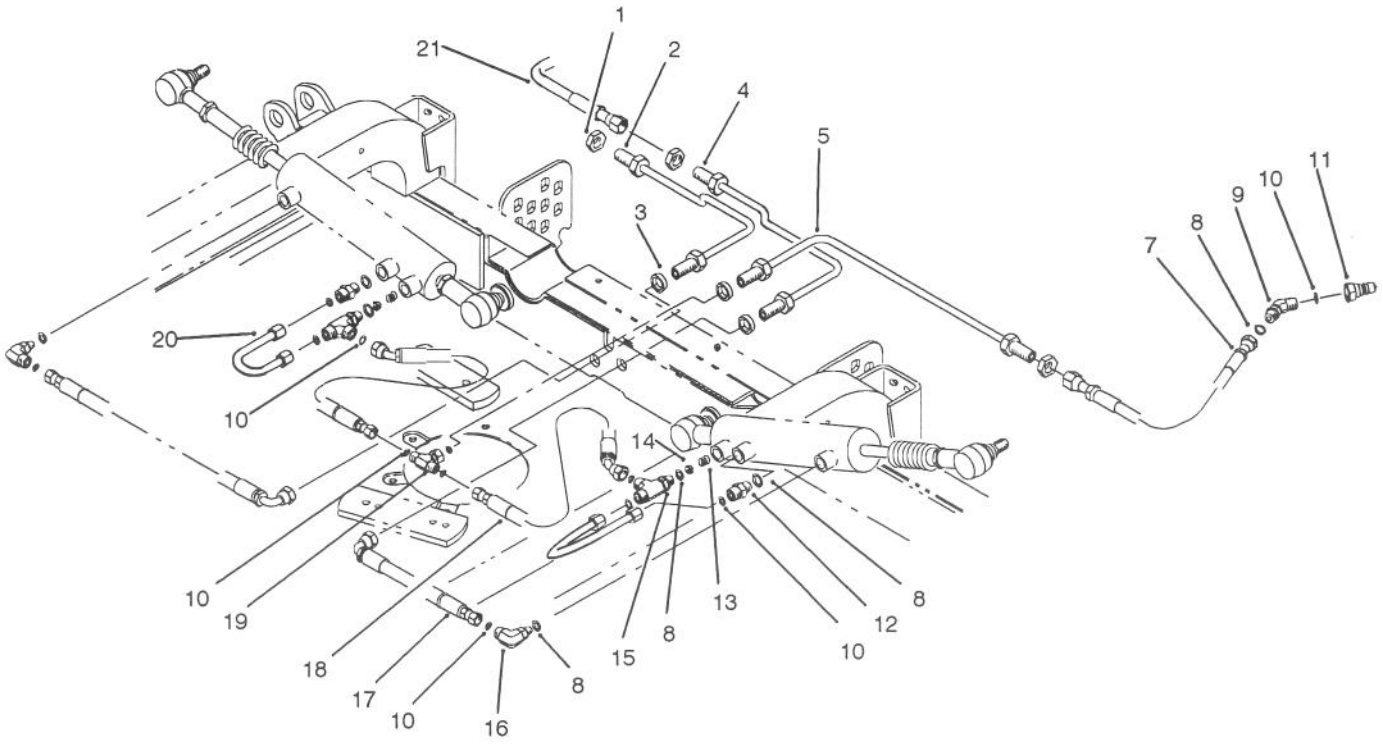
T–1459

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	21–3 000	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	32144–41	Screw – Hex. Washer Hd.	6
16	86–2610	Ball Joint	2
17	32128–54	Nut – Flange	2
18	325–11	Screw – Cap Hex. Hd.	2
19	86–2380	Strap – Deck H.O.C.	2
20	86–2280	Frame – Carrier, RH	1
21	3296–23	Nut – Lock	2
22	3290–256	Pin – Cotter, Hair	2
23	86–2320	Frame – Carrier, LH	1
24	86–0720	Decal – HOC, LH	1
25	86–1890	Hinge	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		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	302–60	Fitting – Grease 90°	1
51	86–1440	Washer – Flat	4

*Not Illustrated



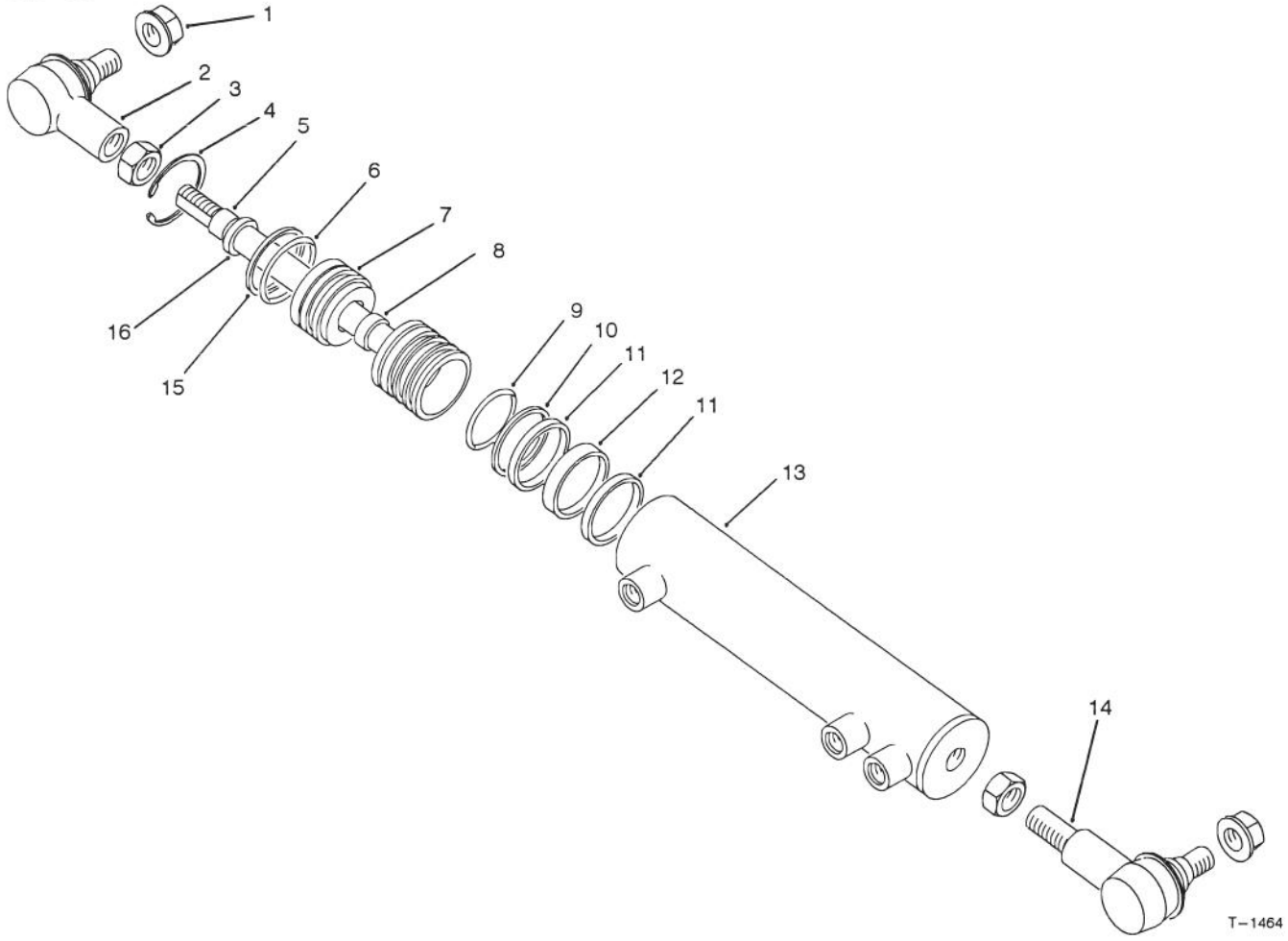
T–1460

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
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

3315–636

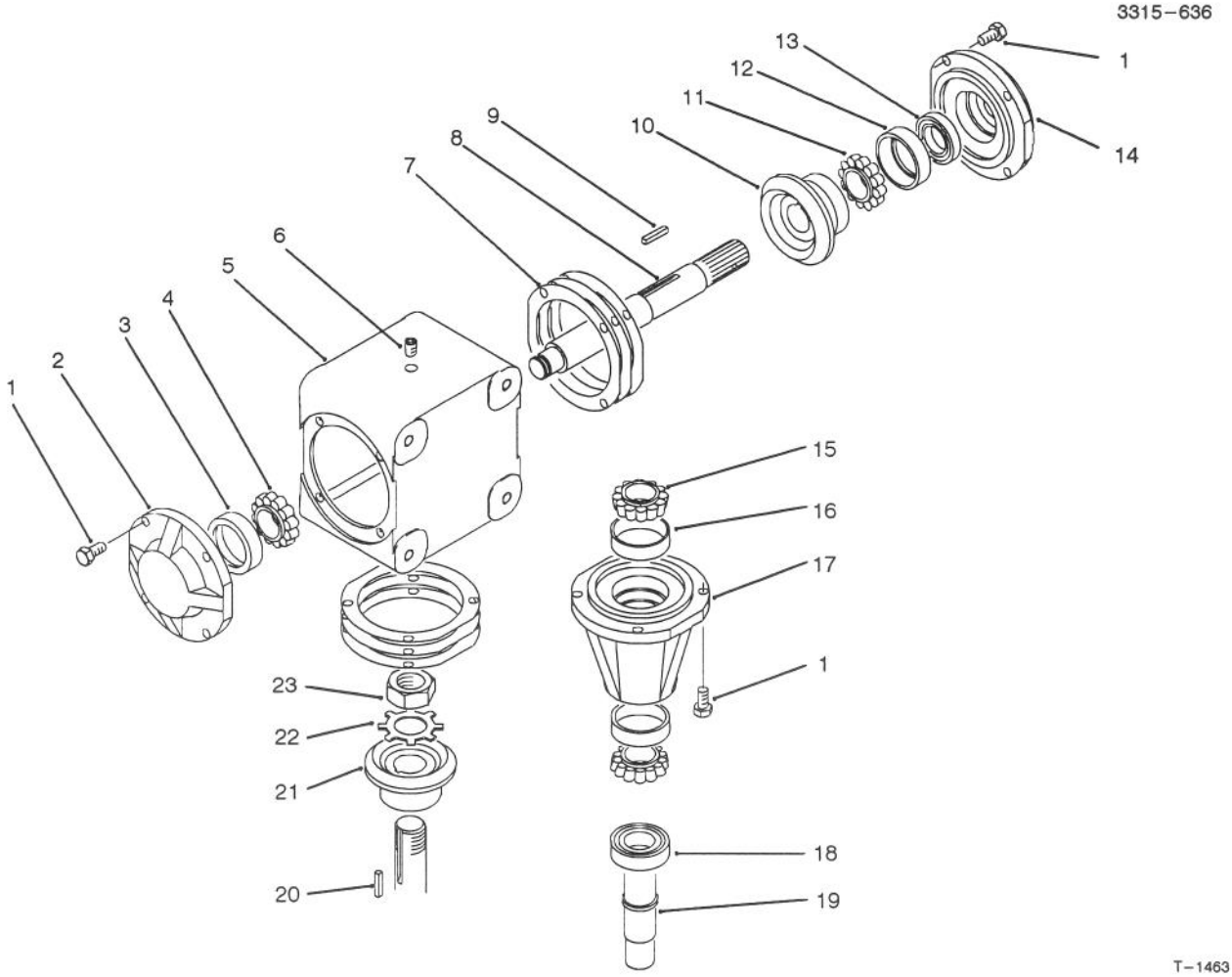


HYDRAULIC CYLINDER ASSEMBLY NO. 86–2190

Ref. No.	Part No.	Description	No. Used
1	32128–54	Nut – Flange	2
2	83–1640	Assembly – Rod End	1
3	84–5300	Nut – Jam	2
4		Ring – Retaining	1
5	92–0603	Piston & Rod Assembly	1
6		O–Ring	1
7	92–0604	Head – Ring Retaining	1
8		Cup – U	1
9		O–Ring	1
10		Ring – Piston	1
11		Ring – Wear	2

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

*Not Illustrated



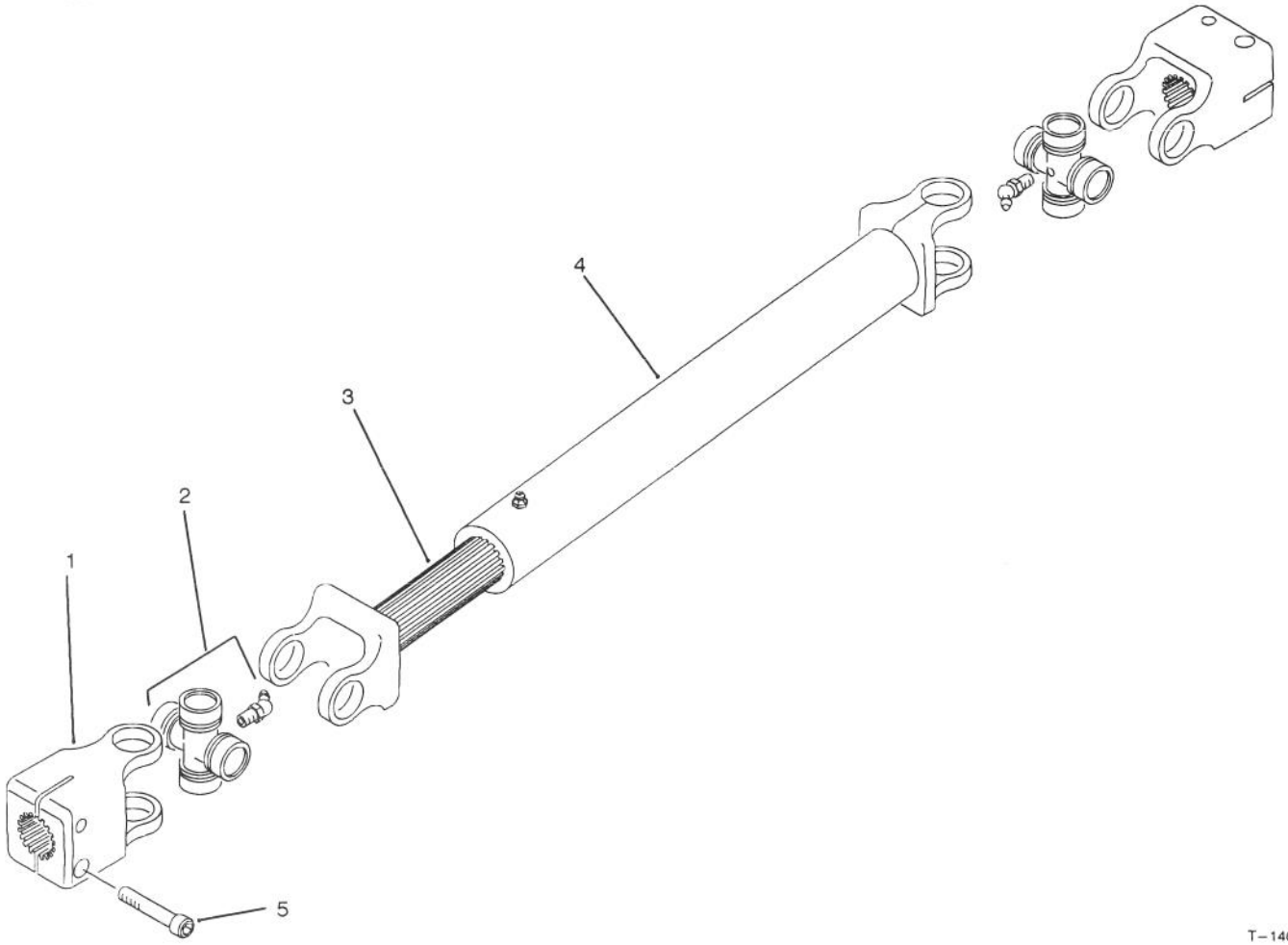
T–1463

GEAR BOX ASSEMBLY 86–3090

Ref. No.	Part No.	Description	No. Used
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

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

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–1506	Bushing – Flange	3	9	2
3–3251	Spring	9	40	1
3–6498	Washer	28	49	2
5–2512	Bushing – Sleeve	7	19	2
10–6830	Stud – Drive	55	37	10
10–8110	Washer – Thrust	9	13	1
14–0859	Fuel Tank Plate Assembly	20	25	1
14–0939	Radiator Mount Assembly	53	8	1
14–7479	Hood	1	19	1
20–9500	Washer	10	55	2
21–3000	Nut	84	7	2
21–2820	Hub – Wheel	55	28	2
21–4191	Seat Belt Assembly	70	1	1
21–6180	Gasket – .015	87	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	17	20	1
27–3710	Dipstick	3	21	1
27–7110	Element Assembly	52	4	1
27–7120	Nut & Gasket Assembly	52	5	1
27–7130	Clamp Assembly	52	7	1
27–7140	Skirt – Baffle	52	6	1
27–7150	Cap Assembly	52	8	1
27–7170	Band Assembly	52	3	1
28–3380	Plate – Valve	5	1	1
28–3520	O–Ring	31	31	1
28–3570	O–Ring	31	11	1
29–4820	Roller	84	29	2
29–6163	Switch – Micro	28	26	1
31–0390	Washer – Friction	10	56	2
36–4030	Screw – Hex. Hd	83	5	4
37–2690	Capacitor	12	12	1
37–8770	Screw – Hex. Washer Hd.	53	19	2
43–8480	Decal – Danger	73	7	2
43–8480	Decal – Danger	79	16	2
43–8480	Decal – Danger	84	41	1
43–8600	Spring – Switch	12	20	1
43–8610	Guide	12	19	1
43–8610	Guide – Spring & Ball	3	50	1
43–8620	Guide – Pin, Switch	12	22	1
43–8860	Plunger – Switch	12	21	1
43–8870	Boot – Switch	12	11	1
43–9071	Assy. – Switch, Seat	12	*	1
44–2200	Bolt – Blade	75	14	1
44–2200	Bolt – Blade	76	14	1
44–2200	Bolt – Blade	77	16	1
44–8320	Spring	27	9	3
44–8320	Spring	78	10	3
46–0330	Nut	47	32	3
46–0330	Nut – Hex.	49	11	2
46–0330	Nut – Lock	38	1	6
46–0330	Nut – Lock	41	11	1
46–0330	Nut–Hex	50	1	2
46–6550	Fitting – Fuel 90°	20	6	2
46–6560	Bushing – Rubber	20	9	2
46–6810	Assy. – Screw & Washer	18	1	4
46–6810	Screw – Hex. Washer Hd.	1	3	9
46–6810	Screw – Hex. Washer Hd.	34	10	2
46–6811	Screw – Hex. Washer Hd.		39	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
48–7080	Cover – Handle	81	13	2
48–7081	Sleeve	2	56	2
48–7570	Screw – Cap Hex. Hd.		23	3
48–7570	Screw – Cap Hex. Hd.	33	23	3
48–7610	Screw – Cap Hex. Hd.	33	34	3
48–7640	Bolt – Valve Cover	40	46	3
48–7640	Screw – Cap Hex. Hd.	44	9	3
48–7700	Screw – Cap Hex. Hd.		18	8
48–7700	Screw – Cap Hex. Hd.	33	18	8
48–7700	Screw – Cap Hex. Hd.	39	23	3
48–7700	Screw – Hex. Washer Hd.	42	5	2
48–7730	Screw – Cap Hex. Hd.	33	19	1
48–7730	Screw – Hex. Hd. Metric		27	1
48–7780	Screw – Cap Hex. Hd.	33	32	3
48–7810	Screw – Cap Hex. Hd.	33	22	3
48–7810	Screw–Mounting	50	5	3
48–7840	Screw – Cap Hex. Hd.		10	1
48–7840	Screw – Cap Hex. Hd.	33	11	1
48–7880	Nut	47	14	1
48–7880	Nut – Hex.	15	5	2
48–7880	Nut – Hex.	51	5	5
48–7880	Nut – Hex.	16	28	1
48–7890	Nut	16	29	1
48–7890	Nut – Hex.	15	4	1
48–7930	Nut – Hex	15	3	1
48–9460	Screw – Cap Hex. Hd.	49	2	3
48–9460	Screw – Cap Hex. Hd.	33	16	1
48–9460	Screw – Cap Hex. Hd.	39	18	2
48–9460	Screw – Cap Hex. Hd.		19	2
48–9460	Screw – Hex. Washer Hd.	42	7	2
48–9470	Bolt – Hex. Head	26	11	3
48–9470	Screw – Cap Hex. Hd.		11	1
48–9470	Screw – Cap Hex. Hd.	33	12	1
49–0170	Seal Kit	11	*	1
49–2640	Seal–Shaft	30	5	1
49–2660	Frontplate Assembly	30	7	1
49–2670	Plate–Wear	30	13	1
49–2680	Seal – O–Ring (Molded)	30	10	1
49–2690	Gasket–Backup	30	12	1
49–2700	Seal–Bearing	30	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	83	4	4
53–6380	Washer – Flat	79	8	1
53–9480	Washer – Flat		14	3
53–9480	Washer – Rebound	33	14	4
53–9681	Mount – Engine		15	3
53–9681	Mount – Rubber, Engine	33	9	2
53–9682	Mount – Rubber, Eng	33	31	1
55–4130	Hose – Coolant		40	1
55–4130	Hose – Fuel	34	11	1
55–4300	Decal – Warning	71	10	1
55–4300	Decal – Warning	84	33	2
56–6710	Seal – O–Ring	30	9	2
56–7973	Clamp	32	20	2
56–7973	Clamp – Hose	59	58	2
56–7973	Clamp – Tube	9	46	4
56–7973	Clamp – Tube	56	56	2
57–0680	Shaft	84	28	2
57–0690	Pin	84	27	2
57–5420	Screw – Shoulder	24	1	1
58–6290	Poppet Assembly	19	34	3
58–6310	Spacer	19	28	3
58–6320	Wiper – Seal	19	24	3
58–6330	Seat Assy.	19	35	3
58–6340	Seal – O–Ring	19	36	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
58-6350	Plug Assembly	19	11	3
58-6370	Washer - Back-Up	19	10	6
58-6400	Bushing	19	25	3
58-6420	Cap Assembly	19	30	3
58-6450	Seal - O-Ring	19	12	6
58-6460	Ring - Retaining	19	29	3
58-6470	Washer	19	18	A/R
58-6480	Washer	19	19	A/R
58-6490	Washer	19	20	A/R
58-6700	Washer	19	26	3
58-6720	Seal - O-Ring	19	7	3
58-6730	Spring	19	27	3
58-6750	Seal - O-Ring	19	17	1
58-6760	Spring	19	3	3
58-6770	Plunger - Detent	19	4	3
58-6780	Plug Assembly	19	1	3
58-6790	Seal - O-Ring	19	5	3
59-6430	Valve - Check	10	61	1
59-6730	Race-Bearing	11	7	2
59-6740	Bearing-Needle, Thrust	11	8	1
59-6820	Centering Spring Kit	11	11	1
59-6830	Kit-Centering Pin	11	20	1
59-6850	Plate-Spacer	11	14	1
59-6860	Drive	11	15	1
59-6890	Cap-End	11	18	1
60-3780	Seal Kit	19	*	1
60-5710	Plug Assembly	30	18	1
60-5720	Seal - O-Ring	19	9	6
60-5730	Disc	30	20	1
60-5860	Plug Assembly	30	24	1
60-5890	Washer	30	6	1
60-6450	Disc	19	2	A/R
60-6700	Screw - Cap Hex. Hd.	41	19	1
60-6700	Screw - Cap Hex. Hd.	47	34	1
60-6760	Screw - Cap Hex. Hd.	47	2	4
60-9870	Screw	83	8	2
61-2790	Screen	24	3	1
62-1230	Washer	34	5	2
62-1230	Washer	1	21	2
62-2170	Washer - Thrust	55	20	4
62-3310	Screw	87	1	12
62-3320	Cap - Blank	87	2	1
62-3340	Cup - Bearing	87	3	1
62-3380	Key	87	20	1
62-3430	Gasket - .005	87	*	A/R
62-3440	Gasket - .003	87	*	A/R
62-3490	Plug - Pipe	87	6	3
62-7400	Decal - TORO	1	1	1
62-7650	Gasket - Sending Unit	20	28	1
63-4090	Fitting - Adapter 90°	18	16	1
63-7590	Relay - SPDT	16	11	2
63-7590	Relay - SPDT	12	29	1
63-7622	Hose - Fuel	20	22	2
63-7622	Hose - Fuel	34	27	1
63-7622	Hose - Fuel		29	1
63-7626	Hose - Fuel	20	7	1
63-7627	Hose - Fuel	20	8	1
63-7627	Hose - Fuel	34	26	1
63-7627	Hose - Fuel		31	1
63-7880	Latch - Brake	8	16	1
63-7900	Rack - Brake	9	37	1
63-8360	Key - Ignition	17	5	1
63-8410	Washer	28	17	3
63-8410	Washer	8	34	1
63-9751	Mount - Linkage Rod	8	10	4
63-9751	Mount - Rubber	28	21	4
65-5100	Handle - Hood	1	18	2
65-7980	Nut - Hex. Flange	51	6	1
66-1340	Decal - Danger	79	10	1
66-1340	Decal - Danger	73	12	1
66-1930	Nut-Lock	61	11	1
66-1940	Piston	61	4	1
66-2490	Clamp - Battery		5	1
66-2490	Clamp - Battery	33	5	1
66-2871	Cable - Hood	34	6	1
66-2871	Cable - Hood	1	13	1
66-2871	Cable - Hood		35	1
66-2920	Washer - Nylon	8	39	1
66-2940	Gauge - Fuel	17	10	1
66-2950	Meter - Hour	17	11	1
66-2960	Cluster - Warning Light	17	8	1
66-3240	Cap - Expansion	34	12	1
66-3240	Cap - Expansion Tank		41	1
66-5400	Seat Assembly	14	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 - Flange Head	26	6	6
66-9303	Screw - Hex. Flange Hd.	28	38	6
67-0870	Screw - Shoulder	2	42	2
67-1300	Decal - TORO	53	15	1
67-5770	Washer - Blade	75	13	1
67-5770	Washer - Blade	76	13	1
67-5770	Washer - Blade	77	15	1
67-7050	Field Rotor Assembly	78	1	1
67-7060	Ring - Retaining	78	8	1
67-7080	Collar - Bearing	78	6	1
67-7090	Bearing - Pulley	78	7	1
67-7100	Plate - Brake	78	11	1
67-7160	Holder - Fuse	16	20	1
67-7180	Link - Fusible	15	8	1
67-9410	Washer - Flat	58	45	5
67-9550	Cushion - Seat	13	1	1
67-9560	Bucket - Seat	13	3	1
68-3220	Key - Square	77	4	1
68-3280	Spring - Seat	14	4	2
68-6150	Breather	20	10	2
68-6480	Bushing - Flange	68	19	4
68-6710	Roller	84	38	1
68-6840	Shaft	84	37	1
68-7573	Seal - Shroud	1	10	2
68-8080	Wheel - Steering	9	25	1
68-8340	Decal - Caution	84	39	1
68-9420	Washer - Lock	43	8	6
68-9420	Washer - Lock	41	10	6
68-9420	Washer - Lock	39	17	5
68-9420	Washer - Lock	47	36	3
68-9420	Washer - Spring	43	1	7
68-9420	Washer - Spring	47	3	8
68-9420	Washer - Spring	49	3	6
68-9420	Washer - Spring	44	4	3
69-0760	Bracket - Armrest L.H.	13	*	1
69-0770	Bracket - Armrest R.H.	13	20	1
69-1170	Gauge - Sight	24	6	1
69-1180	Armrest	13	17	2
69-1260	Spacer	13	22	4
69-1510	Spacer	79	22	5

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69–1510	Spacer	84	47	10
69–1510	Spacer – Fork	73	22	5
69–1530	Housing – Spindle	75	7	1
69–1530	Housing – Spindle	76	7	1
69–1530	Housing – Spindle	77	9	1
69–1560	Lever – Lock	9	33	1
69–1800	Plug Assembly	19	32	3
69–1810	Spring	19	33	3
69–1830	Plug Assembly	19	16	1
69–3020	Latch – Draw	2	33	2
69–4780	Clamp – Gauge	17	14	1
69–6470	Bushing	73	2	2
69–6470	Bushing	79	21	2
69–6470	Bushing	84	49	4
69–6470	Bushing – Flange	55	21	4
69–6950	Spacer – Spindle	75	10	1
69–6950	Spacer – Spindle	76	10	1
69–6950	Spacer – Spindle	77	12	1
69–7010	Lever W.A. – Valve, L.H.	18	*	1
69–7290	Mount – Carrier	84	43	2
69–8890	Cap – Spindle	55	18	2
69–9140	Link – Lever, Valve	18	9	3
69–9300	Pad – Bumper	68	26	2
70–1380	Protector – Sleeve	32	15	
70–1380	Sleeve – Protective	68	9	1
70–1480	Relay – Sealed	16	5	1
70–1480	Relay – Starter	20	35	1
70–2560	Decal – Lube	82	6	1
70–2560	Decal – Oil	1	8	1
70–8621	Cap – Fuel	20	3	1
70–8640	Cap – Oil	24	2	1
71–2530	Assembly – Bearing	75	15	1
71–2530	Assembly – Bearing	76	15	1
71–2530	Assembly – Bearing	77	17	1
71–4580	Roller – Clutch	58	29	1
71–4590	Washer – Thrust	58	27	2
72–0130	Kit – Horn	9	26	1
72–3790	Wire Assembly	83	23	2
72–4320	Switch – Ball	12	17	1
72–4320	Switch – Ball	3	22	1
72–9361	Cup – Anti–Scalp	75	12	1
72–9361	Cup – Anti–Scalp	76	12	1
72–9361	Cup – Anti–Scalp	77	14	1
74–0720	Tube – Manual	12	1	1
74–3410	Radiator	53	6	1
74–3450	Cylinder – Hydraulic	58	46	1
74–3630	Actuator – Brake	6	5	2
74–3640	Disc – Brake	6	4	4
74–3650	Fan	33	28	1
74–3660	Valve – Control, Steering	10	59	1
74–3670	Assy. – Column, Steering	9	11	1
74–4010	Support – Expansion Tank		46	1
74–4010	Wireform W.A.	34	8	1
74–4050	Bracket – Support, Hood	34	2	1
74–4080	Orifice – Breather	25	46	1
74–4090	Tread – Foot	2	48	1
74–4230	Bracket – Mount, Filter	24	10	1
74–4900	Tube – Water, Return	35	28	1
74–4980	Shroud – Fan Upper	53	3	1
74–4990	Shroud – Fan, Bottom	53	39	1
74–5000	Rear Axle Assembly	55	23	1
74–5250	Pin – Axle Pivot	56	52	1
74–5250	Pin – Axle Pivot	59	54	1
74–5330	Spindle – L.H.	55	24	1
74–5350	Spindle – R.H.	55	*	1
74–5440	Hub – Wheel	6	13	2
74–5460	Angle Radiator Support	53	31	1
74–5470	Bracket – Engine Front		9	1
74–5470	Mount – Engine	33	10	1
74–5500	Bolt – Wheel	58	41	10
74–5510	Engine Assembly		25	1
74–5511	Engine Assembly	33	42	1
74–5520	Clutch – Fan	33	29	1
74–5580	Tank – Fuel	20	32	1
74–5590	Gasket – Exhaust, Manifold	35	3	1
74–5620	Axle – 4wd	58	36	1
74–5630	Adapter	63	12	1
74–5700	Bearing – Needle	58	17	1
74–5760	PCV Valve	35	9	1
74–5770	Lever – Shift	9	15	1
74–5790	Shaft – Pivot	9	17	1
74–5860	Sending Unit – Fuel	20	29	1
74–5910	Fitting – Bulkhead, Special	18	27	1
74–5930	Hose – Radiator Upper		20	1
74–5930	Hose – Radiator, Upper	34	32	1
74–5930	Hose – Radiator, Upper	53	37	1
74–5980	Muffler W.A.	35	18	1
74–6000	Air Cleaner Assembly	52	1	1
74–6000	Assembly – Air Cleaner	35	11	1
74–6010	Hose – Coolant		47	1
74–6010	Hose – Overflow	34	21	1
74–6020	Hose – Radiator, Lower	35	5	1
74–6020	Hose – Radiator, Lower	53	38	1
74–6030	Hose – Air Cleaner	34	24	1
74–6030	Hose – Air Cleaner	35	26	1
74–6030	Hose – Air Intake		49	1
74–6040	Hose – Coolant		42	1
74–6040	Hose – Return	34	7	1
74–6050	Lever W.A. – Valve, Center	18	*	1
74–6060	Lever W.A. – Valve, R.H.	18	12	1
74–6110	Stop – Pedal	8	38	1
74–6230	Assy. – Tube, Traction	24	41	1
74–6400	Assembly – Tube	53	25	1
74–6400	Assembly – Tube, Filter Line	24	12	1
74–6450	Bracket – Bulkhead	55	5	1
74–6450	Bracket – Bulkhead	58	49	1
74–6490	Hose – Water Line	35	29	2
74–6520	Washer – Flat	38	2	6
74–6530	Stud	38	3	6
74–6530	Stud	41	9	1
74–6540	Tappet – Valve	38	4	8
74–6550	Cup – Upper Valve Spring	38	5	8
74–6560	Spring – Valve	38	6	8
74–6570	Cup – Lower Valve Spring	38	7	8
74–6580	Insert – Valve (1.650mm)	38	8	8
74–6600	Insert – Valve (1.800mm)	38	*	8
74–6610	Insert – Valve (1.900mm)	38	*	8
74–6620	Insert – Valve (1.975mm)	38	*	8
74–6630	Insert – Valve (2.050mm)	38	*	8
74–6640	Insert – Valve (2.125mm)	38	*	8
74–6650	Insert – Valve (2.225mm)	38	*	8
74–6660	Insert – Valve (2.250mm)	38	*	8
74–6670	Insert – Valve (2.275mm)	38	*	8
74–6680	Insert – Valve (2.300mm)	38	*	8
74–6690	Insert – Valve (2.325mm)	38	*	8
74–6700	Insert – Valve (2.350mm)	38	*	8
74–6710	Insert – Valve (2.375mm)	38	*	8
74–6720	Insert – Valve (2.400mm)	38	*	8
74–6730	Insert – Valve (2.425mm)	38	*	8
74–6740	Insert – Valve (2.450mm)	38	*	8
74–6750	Insert – Valve (2.475mm)	38	*	8
74–6760	Insert – Valve (2.500mm)	38	*	8
74–6770	Insert – Valve (2.525mm)	38	*8	8
74–6780	Insert – Valve (2.550mm)	38	*	8
74–6790	Insert – Valve (2.575mm)	38	*	8
74–6800	Insert – Valve (2.600mm)	38	*	8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
74-6810	Insert – Valve (2.625mm)	38	*	8
74-6820	Insert – Valve (2.650mm)	38	*	8
74-6830	Insert – Valve (2.675mm)	38	*	8
74-6840	Insert – Valve (2.700mm)	38	*	8
74-6850	Insert – Valve (2.725mm)	38	*	8
74-6860	Insert – Valve (2.750mm)	38	*	8
74-6870	Insert – Valve (2.775mm)	38	*	8
74-6880	Insert – Valve (2.800mm)	38	*	8
74-6890	Insert – Valve (2.825mm)	38	*	8
74-6900	Insert – Valve (2.850mm)	38	*	8
74-6910	Insert – Valve (2.875mm)	38	*	8
74-6920	Insert – Valve (2.900mm)	38	*	8
74-6930	Insert – Valve (2.925mm)	38	*	8
74-6940	Insert – Valve (2.950mm)	38	*	8
74-6950	Insert – Valve (2.975mm)	38	*	8
74-6960	Insert – Valve (3.000mm)	38	*	8
74-6970	Insert – Valve (3.025mm)	38	*	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)	39	*8	8
74-7050	Insert – Valve (3.225mm)	39	*	8
74-7060	Insert – Valve (3.250mm)	39	*	8
74-7070	Insert – Valve (3.275mm)	39	*	8
74-7080	Insert – Valve (3.300mm)	39	*	8
74-7090	Insert – Valve (3.325mm)	39	*	8
74-7100	Insert – Valve (3.350mm)	39	*	8
74-7110	Insert – Valve (3.375mm)	39	*	8
74-7120	Insert – Valve (3.400mm)	39	*	8
74-7130	Insert – Valve (3.425mm)	39	*	8
74-7140	Insert – Valve (3.450mm)	39	*	8
74-7150	Insert – Valve (3.475mm)	39	*	8
74-7160	Insert – Valve (3.500mm)	39	*	8
74-7170	Insert – Valve (3.550mm)	39	*	8
74-7180	Insert – Valve (3.625mm)	39	*	8
74-7190	Insert – Valve (3.700mm)	39	*	8
74-7200	Insert – Valve (3.775mm)	39	*	8
74-7210	Insert – Valve (3.850mm)	39	*	8
74-7220	Insert – Valve (3.925mm)	39	8	8
74-7230	Insert – Valve (4.000mm)	39	*	8
74-7240	Collar – Split	39	9	16
74-7250	Gasket – Fitting	39	10	1
74-7260	Bolt – Head	39	11	10
74-7270	Washer – Flat	39	12	10
74-7280	Plug	39	13	2
74-7340	Fitting – Coolant	39	19	1
74-7350	Hose	39	20	1
74-7360	Tube – Collector	39	21	1
74-7390	Hose – Elbow	39	24	1
74-7400	Tube	39	25	1
74-7410	Plug	39	26	2
74-7420	Ball	39	27	4
74-7430	Chamber – Turbulence	39	28	4
74-7440	Chamber – Turbulence	39	*	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)	40	33	8
74-7520	Guide – Valve (14.59mm)	40	*	8
74-7530	Gasket – Head (1.61mm)	40	34	1
74-7540	Gasket – Head (1.73mm)	40	*	1
74-7550	Screw – Cap Hex. Hd.	40	35	2
74-7560	Washer	37	8	6
74-7560	Washer – Lock	40	36	2
74-7560	Washer – Spring	45	4	4
74-7560	Washer – Spring	44	7	5
74-7560	Washer – Spring	42	9	2
74-7560	Washer – Spring	47	41	2
74-7580	Plate	40	38	1
74-7590	Gasket	40	39	1
74-7600	Plug	40	40	4
74-7610	Cylinder Head Assembly	40	41	1
74-7620	Plug	40	42	1
74-7630	Gasket – Valve Cover	40	43	1
74-7640	Cover – Valve	40	44	1
74-7650	Washer – Flat	40	45	3
74-7670	Head Bolt & Washer Set	40	*	1
74-7690	Cap – Filler	36	2	1
74-7700	Dipstick – Oil	36	3	1
74-7710	Hose – Breather	36	4	1
74-7720	Hose – PVC Valve	35	6	1
74-7730	Hose – Air Cleaner PCV	35	10	1
74-7770	Hose – Crankcase	36	11	1
74-7780	Gasket	36	12	1
74-7790	Screw	36	13	1
74-7800	Pin – Spring	36	14	2
74-7810	Gasket – Plate	36	15	1
74-7820	Plate	36	16	1
74-7830	Screw – Washer Hd.	36	17	2
74-7840	Plug	39	14	2
74-7840	Plug	36	18	8
74-7850	Gasket	36	19	4
74-7870	Gasket – Oil Pan	36	21	1
74-7880	Pin – Groove	36	22	2
74-7890	Pan – Oil	36	23	1
74-7900	Washer – Stop	36	24	23
74-7910	Screw – Cap Hex. Hd.	44	8	2
74-7910	Screw – Cap Hex. Hd.	42	10	2
74-7910	Screw – Cap Hex. Hd.	36	25	20
74-7930	Screw – Bearing Cap	36	27	10
74-7940	Bushing – Spring	36	28	1
74-7950	Screw – Plate	36	29	6
74-7960	Stud – Filter	36	30	1
74-7970	Filter – Oil	36	31	1
74-7980	Switch – Pressure	36	32	1
74-7990	Pin – Spring	36	33	4
74-8000	Plug	36	34	2
74-8010	Tube	36	35	1
74-8020	Longblock Assembly	36	36	1
74-8030	Pin – Spring	36	37	1
74-8040	Plug	36	38	1
74-8050	Oil Decanter Assembly	36	1	1
74-8060	Gasket Set	36	*	1
74-8070	Screw – Cap Hex. Hd.	37	1	1
74-8080	Washer	37	2	1
74-8090	Pulley	37	3	1
74-8100	Gear – Pinion	37	4	1
74-8110	Sprocket – Oil Pump	37	5	1
74-8120	Key – Woodruff	37	6	2
74-8130	Screw – Cap Hex. Hd.	37	7	4
74-8130	Screw – Cap Hex. Hd.	47	42	2
74-8140	Cover	37	9	1
74-8150	Gasket – Cover	37	10	1
74-8160	Seal – Shaft	37	11	1
74-8170	Bearing Set (Std.)	37	12	5
74-8180	Bearing Set (.30mm OS)	37	*	5
74-8190	Thrust Bearing Set (Std.)	37	13	2
74-8200	Thrust Bearing Set	37	*	2
74-8210	Thrust Bearing Set	37	*	2
74-8220	Thrust Bearing Set	37	*	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
74-8230	Crankshaft	37	14	1
74-8240	Seal	37	15	1
74-8250	Pin	37	16	1
74-8260	Flywheel	37	17	1
74-8270	Pin	37	18	3
74-8280	Screw – Cap Hex. Hd.	37	19	8
74-8290	Seal – #1 Bearing Cap	37	20	2
74-8300	Clip – Piston Pin	37	21	8
74-8310	Pin – Piston	37	22	4
74-8320	Piston Ring Set (Stage #1)	37	23	4
74-8330	Piston Ring Set (Stage #2)	37	*	4
74-8340	Piston Ring Set (Stage #3)	37	*	4
74-8350	Bushing – Sleeve	37	24	4
74-8360	Rod – Connecting	37	25	4
74-8370	Nut – Hex.	37	26	8
74-8380	Bearing – Connecting Rod	37	27	4
74-8390	Bearing – Connecting Rod	37	*	4
74-8400	Bolt – Connecting Rod	37	28	4
74-8420	Piston Set – Stage #1	37	29	1
74-8430	Piston Set – Stage #2	37	29	1
74-8440	Piston Set – Stage #3	37	*	1
74-8570	Screw – Cap Hex. Hd.	37	33	2
74-8580	Bracket – Pump	47	*	1
74-8610	Pin – Spring	47	5	1
74-8620	Nut – Conical	47	6	1
74-8630	Bushing – Flange	47	7	1
74-8640	Washer – Flat	47	8	1
74-8640	Washer – Flat	49	12	1
74-8650	Pacer	47	9	1
74-8660	Injection Pump Assembly	47	*	1
74-8680	Gasket	47	12	2
74-8700	Bracket – Pump	47	1	1
74-8710	Washer	47	15	1
74-8710	Washer – E.T.L.W.	51	8	1
74-8720	Stop Valve Assembly	47	16	1
74-8730	Ring – Seal	47	17	1
74-8740	Tube – Pump Return	47	18	1
74-8750	Injection Tube Set	47	19	1
74-8760	Hose – Rubber	47	20	3
74-8770	Plug	47	21	1
74-8780	Clamp – Plastic	47	22	1
74-8790	Clamp – Metal	47	*	1
74-8800	Injection Pump Assembly	47	10	1
74-8830	Belt	41	18	1
74-8870	Gasket	47	29	2
74-8880	Fuel Outlet Assembly	47	31	1
74-8900	Washer – Flat	41	7	2
74-8900	Washer – Flat	47	33	1
74-8910	Bracket – Horn	12	33	1
74-8980	Backplate Assembly	30	22	1
74-8990	Spool Assembly	30	23	1
74-9000	Relief Valve Assy.	30	17	1
74-9010	Kit – Seal	30	*	1
74-9020	Backplate Repair Kit	30	*	1
74-9040	Coupling	30	27	1
74-9080	Cable – Battery Pos.		1	1
74-9080	Cable – Battery Pos.	33	1	1
74-9090	Cable – Battery Neg.		*	1
74-9090	Cable – Battery Neg.	33	*	1
74-9100	Pad – Forward Pedal	8	7	1
74-9110	Pad – Reverse Pedal	8	9	1
74-9120	Hose – Expansion Tank	53	41	1
74-9120	Hose – Expansion Tank		43	1
74-9120	Hose – Radiator, Overflow	34	15	1
74-9122	Hose – Vent	20	17	1
74-9122	Hose – Vent	35	27	1
74-9122	Hose – Vent	34	33	1
74-9440	Gasket	5	11	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	61	9	1
74-9610	Butt & Tube Assembly	61	1	1
74-9640	Gland	61	7	1
74-9710	Kit – Seal	61	*	1
75-0140	Spring – Conical	31	5	2
75-0240	O-Ring	31	4	2
75-0400	Plate – Thrust	31	37	1
75-0470	Kit – Cylinder Block	31	38	1
75-0480	Pin	31	15	2
75-0500	Bearing – Needle	31	13	1
75-0510	Pin	31	40	1
75-0550	Strainer – Tank	24	23	1
75-3570	Tip – Handle	13	9	1
75-5470	Washer	29	53	4
75-9550	Valve – Check	24	33	1
75-9670	Fork	80	*	2
75-9790	Arm – Pivot, Rear	72	1	2
76-1880	Segmented 10 Wheel	80	*	2
76-1940	Spring – Suspension	13	*	2
76-1960	Knob – Seat Adjustment	13	11	1
76-1970	Suspension	13	*	1
76-4120	Bracket – Engine R.H.		17	1
76-4120	Mount W.A. – Engine	33	21	1
76-4180	Boot – Brake Rod	7	15	2
76-4190	Gear – Axle	58	31	1
76-4200	Gear – Motor	58	28	1
76-4220	Mount W.A. – Engine	33	30	1
76-4230	Guide – Exhaust, Manifold	35	2	2
76-4240	Plate – Adapter	6	2	2
76-4260	Bushing	64	2	2
76-4260	Bushing	67	3	1
76-4260	Bushing – Sleeve	56	50	2
76-4270	Arm – Drag Link	67	1	1
76-4300	Lever W.A. – Throttle	16	26	1
76-4310	Support – Base, Battery	33	38	1
76-4880	Plug – Electrical	15	2	1
76-4910	Stud	47	35	3
76-4930	Washer	47	37	3
76-4940	Pulley – Pump	47	38	1
76-4950	Nut – Flange	47	39	1
76-4960	Flange	47	40	1
76-4970	Screw – Shoulder	49	1	1
76-4980	Bracket – Mounting	49	4	1
76-4990	Bolt – Slide	49	5	1
76-5000	Bolt – Adjusting	49	6	1
76-5010	Washer – Spring	49	7	1
76-5020	Washer – Flat	49	8	1
76-5030	Bracket – Slide	49	9	1
76-5040	Belt – V	49	10	1
76-5050	Alternator	49	13	1
76-5060	Screw – Cap Hex. Hd.	49	14	1
76-5070	Oil Pump Assembly	44	1	1
76-5080	Piston	44	2	1
76-5090	Spring – Piston	44	3	1
76-5100	Bolt – Shoulder	44	5	1
76-5150	Screw – Cap Hex. Hd.	44	10	1
76-5160	Screw – Cap Hex. Hd.	44	11	1
76-5170	Chain – Pump Drive	44	12	1
76-5180	Washer – Copper	21	1	4
76-5190	Fitting – Adjustable	21	2	2
76-5200	Fuel Filter Assembly	21	3	1
76-5200	Fuel Filter Assembly	20	23	1
76-5220	Element – Filter	21	5	1
76-5260	Relay – Glow Plug	51	1	1
76-5260	Relay – Glow Plug	16	15	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
76-5270	Cable – Glow Plug	51	2	4
76-5280	Plug – Glow	51	3	4
76-5290	Washer – Spring	51	4	4
76-5310	Washer – E.T.L.W.	51	7	1
76-5330	Screw – Cap Hex. Hd.	45	1	2
76-5340	Plug – Drain	45	2	2
76-5350	Gasket – Drain Plug	45	3	2
76-5360	Cover – Collector	45	5	1
76-5370	Ring – Retaining	45	6	1
76-5380	Temperature Sending Unit	45	7	1
76-5400	Switch – Temp. 105°C	45	8	1
76-5410	Gasket – Collector	45	9	1
76-5420	Housing – Collector	45	10	1
76-5430	Thermostat 81°C	45	11	1
76-5450	Gasket – Thermostat	45	12	1
76-5460	Gasket – Collector Housing	45	13	1
76-5470	Screw – Cap Hex. Hd.	45	14	2
76-5480	Gasket – Water Pump	46	1	1
76-5490	Water Pump Assembly	46	2	1
76-5500	Screw – Cap Hex. Hd.	46	3	5
76-5510	Injector – Fuel	48	1	4
76-5520	Holder – Fuel Injector	48	2	4
76-5530	Washer	48	3	4
76-5540	Bushing – Injector	48	4	4
76-5550	Gasket – Fuel Injector	48	5	4
76-5560	Fuel Injector Assembly	48	6	4
76-5570	Washer-Lock	50	2	2
76-5580	Starter	50	3	1
76-5590	Sleeve – Spring	50	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 .126/.123	4	52	A/R
76-5680	Washer – Thrust	4	8	1
76-5690	Washer – Thrust	4	9	2
76-5700	Bearing-Thrust	4	10	1
76-5710	Plug-Magnetic – Drain	4	11	1
76-5720	Screw – Hex Hd.	4	12	13
76-5740	Shim – Lt. Grn. .123/.120	4	*	A/R
76-5760	Cover Assembly	4	16	1
76-5780	Gear – Spur	4	18	1
76-5820	Screw – Hex Flanged Hd.	4	22	1
76-5830	Ball – Steel	4	23	1
76-5840	Spring – Shifter Fork	4	24	1
76-5850	Seal – Oil	4	25	1
76-5860	Bearing – Needle	4	26	2
76-5870	Bearing – Needle	4	27	3
76-5890	Ring – Retaining	4	30	2
76-5900	Fork – Shift	4	35	1
76-5930	Block – Drive	4	38	2
76-5940	Pin – Drive	4	39	1
76-5950	Pinion – Bevel	4	40	2
76-5960	Carrier	4	41	1
76-5980	Screw – Hex Flanged Hd.	4	43	6
76-5990	Carrier – Differential	4	45	1
76-6000	Gear – Bevel	4	47	2
76-6010	Spacer	4	49	2
76-6010	Spacer – Transaxle	6	1	2
76-6020	Washer – Thrust	4	50	2
76-6030	Seal – Oil	4	51	1
76-6040	Plug – Pipe	4	14	2
76-6040	Plug – Pipe	3	41	1
76-6270	Foam – Panel	18	3	1
76-6300	Gerotor	11	16	1
76-6310	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
76-6380	Strip – Seal Access Panel	2	50	1
76-6381	Seal – Strip	53	22	2
76-6382	Seal – Strip	53	33	2
76-6470	Strip – Seal, Hood Front	1	17	1
76-6500	Base – Battery	33	40	1
76-6570	Washer – Thrust	58	15	2
76-6570	Washer – Thrust	56	51	2
76-6580	Motor – Hydraulic	58	23	1
76-6600	Pipe – Stand	20	4	1
76-6610	Clevis – Brake	7	17	2
76-6910	Rotating Assembly	62	14	1
76-6920	Back Plate Assembly	62	2	1
76-6930	Shaft – Drive	62	12	1
76-6940	Housing Assembly	62	6	1
76-6950	Race – Thrust	62	9	1
76-6960	Bearing – Thrust	62	10	1
76-6970	Insert – Camplate	62	5	1
76-6980	O-Ring	62	3	1
76-6990	Screw – Cap, Hex. Hd.	62	1	6
76-7000	Ring – Retaining	62	8	2
76-7010	Ring – Retaining	62	13	1
76-7020	Spacer	62	11	1
76-7040	Pad – Foot	18	38	1
76-7090	Cover – Front, Control	18	2	1
76-7100	Housing – Axle A	64	1	1
76-7110	Plug	64	5	1
76-7110	Plug	66	26	4
76-7120	Seal – Washer	64	6	1
76-7120	Seal – Washer	66	27	4
76-7130	Housing – Axle B	64	3	1
76-7140	Plug	64	9	1
76-7150	Bolt	64	4	8
76-7150	Bolt	63	5	3
76-7160	Gear Case Assembly	65	*	1
76-7170	Case – Differential	65	3	1
76-7180	Pinion – Mate	65	10	2
76-7190	Gear – Side	65	9	2
76-7200	Shaft – Pinion	65	4	1
76-7210	Washer – Thrust	65	11	2
76-7220	Washer – Thrust	65	8	2
76-7230	Washer – Lock	65	5	4
76-7240	Ring – Gear	65	2	1
76-7250	Shaft – Drive	65	1	1
76-7260	Bolt	65	6	8
76-7270	Pin – Spring	65	7	1
76-7280	Bearing	65	12	2
76-7290	Shim – 0.1 mm	65	13	A/R
76-7300	Shim – 0.2 mm	65	*	A/R
76-7310	Shim – 0.3 mm	65	*	A/R
76-7320	Sleeve	63	4	1
76-7330	Bearing	63	11	1
76-7340	Seal – Oil	63	6	1
76-7350	Bushing	63	7	1
76-7360	O-Ring	63	10	1
76-7370	Bearing	63	1	1
76-7380	Washer	63	8	1
76-7390	Nut – Lock	63	9	1
76-7400	O-Ring	63	2	2
76-7410	Shim – 0.1 mm	63	3	A/R
76-7420	Shim – 0.2 mm	63	*	A/R
76-7430	Shim – 0.4 mm	63	*	A/R
76-7450	Bolt – Stud	63	14	1
76-7460	Washer	63	13	1
76-7470	Pipe	64	8	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
76-7480	Plug – Vent	64	7	1
76-7490	Shaft – Differential	65	14	2
76-7500	Bearing	65	15	4
76-7510	Pinion – 14T	66	10	2
76-7510	Pinion – 14T	65	17	2
76-7520	Shim – 0.1 mm	65	16	A/R
76-7530	Shim – 0.2 mm	65	*	A/R
76-7540	Shim – 0.4 mm	65	*	A/R
76-7550	Ring – Retaining	65	18	2
76-7560	Case – Gear	66	1	2
76-7580	Seal – O-Ring	65	19	4
76-7590	Spacer	65	20	2
76-7600	Bolt – Reamer	65	21	2
76-7610	Bolt	65	23	6
76-7620	Washer – Lock	65	22	6
76-7630	Holder – 20 mm R.H.	66	*	1
76-7640	Bolt	66	5	8
76-7640	Bolt	66	28	20
76-7650	Shaft – Final Drive	66	2	2
76-7660	Holder – 25 mm L.H.	66	4	1
76-7670	Bearing	66	3	4
76-7680	Case – Final Drive	66	8	2
76-7690	Nut	63	15	1
76-7700	Shim – 0.8 mm	67	25	A/R
76-7710	Bolt	67	8	2
76-7720	Nut	67	9	4
76-7730	Bushing	66	7	2
76-7740	Seal – Oil	66	6	2
76-7750	Pinion – 15T	66	11	2
76-7760	Shim – 1.0 mm	67	*	A/R
76-7770	Cover	66	9	2
76-7780	Shim – 1.2 mm	67	*	A/R
76-7790	Shim – 1.4 mm	67	*	A/R
76-7810	Holder – Bearing	66	19	2
76-7820	Shim – 1.0 mm	67	5	A/R
76-7830	Shaft – Wheel	66	21	2
76-7840	Gear – Bevel	66	13	2
76-7850	Bearing	66	12	2
76-7860	Bearing	66	18	2
76-7870	Seal – Oil	66	20	2
76-7880	Spacer	66	15	2
76-7890	Shim – 0.15 mm	66	14	A/R
76-7900	Shim – 0.2 mm	66	*	A/R
76-7910	Shim – 0.4 mm	66	*	A/R
76-7920	Ring – Retaining	66	16	2
76-7930	Ring – Retaining	66	17	2
76-7940	Arm – Tie Rod	67	2	1
76-7950	Bushing	67	4	1
76-7960	Fitting – Grease	67	21	2
76-7960	Fitting – Grease	66	30	2
76-7970	Shim – 1.4 mm	67	*	A/R
76-7980	Shim – 1.2 mm	67	*	A/R
76-7990	Shim – .08 mm	67	*	A/R
76-8000	Bolt	67	6	4
76-8010	Washer	67	7	2
76-8020	Rod – Tie	67	22	1
76-8030	Rod End – L.H.	67	10	1
76-8040	Nut – L.H.	67	24	1
76-8050	Rod End – R.H.	67	16	1
76-8060	Nut – R.H.	67	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
76-8270	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	58	8	2
76-8430	Support – Hood, Front	2	39	1
76-8440	Boot – Throttle	16	16	1
76-8450	Boot – Lift Lever	16	3	1
76-8640	Stud – Traction	28	50	1
76-8720	Panel – Tower	9	23	1
76-8750	Plate – Caution	53	4	1
76-8770	Decal – Caution	52	10	1
76-8770	Decal – Caution	35	13	1
76-8780	Decal – Fuel	20	12	1
76-8870	Assy. – Damper, Lever	28	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)	17	*	1
76-8990	Bolt – Cylinder	55	40	1
76-9030	Bearing Housing Assembly	8	30	1
76-9050	Rod – Brake, Parking	9	42	1
76-9060	Gauge – Temperature	17	9	1
76-9100	Spacer	3	2	2
76-9100	Spacer	9	22	1
76-9160	Bracket – Hood, Pivot L.H.	2	43	1
76-9170	Bracket – Hood, Pivot R.H.	2	*	1
76-9290	Bracket – Bulkhead	58	3	1
76-9300	Fender L.H.	2	49	1
76-9340	Fender R.H.	2	*	1
76-9370	Bar – R.O.P.S.	70	4	1
76-9430	Spring – Extension	28	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	53	17	2
76-9590	Hose – Hydraulic	58	10	2
76-9680	Bearing Housing Assembly	8	18	1
76-9690	Rod – Brake	7	3	2
76-9690	Rod – Brake Linkage	8	4	2
76-9700	Cover – Tower	1	2	1
76-9720	Shaft – Brake	8	26	1
76-9760	Pivot – Damper	29	63	1
76-9780	Decal – 4 Matic	17	1	1
76-9790	Foam – Fuel Tank	20	2	1
76-9930	Foam – Seat Plate Rear	12	7	1
76-9950	Bracket – Ring	24	43	4
76-9970	Valve – 4 WD	32	22	1
77-0950	Washer	84	45	2
77-3250	Washer	49	16	1
77-3260	Washer	49	15	1
77-3270	Manifold – Intake	43	4	1
77-3280	Screw	43	2	5
77-3290	Screw	43	3	4
77-3300	Stud	43	7	6
77-3310	Gasket	43	6	2
77-3320	Nut – Hex	43	9	6
77-3340	Manifold – Exhaust	43	11	1
77-3360	Screw	41	20	3
77-3370	Screw	41	23	1
77-3380	Pulley	41	21	1
77-3390	Support	41	22	1
77-3400	Camshaft	41	5	1
77-3410	Key	41	4	1
77-3420	Gasket	41	3	2
77-3440	Screw	41	1	2
77-3450	Washer	41	2	2
77-3460	Screw	41	6	1
77-3500	Roller Assembly	41	14	1
77-3510	Spring	41	13	1
77-3520	Cup	41	12	1
77-3540	Roller Assembly	41	8	1
77-3550	Box – Degassing	34	9	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
77-3550	Tank - Expansion		38	1
77-3560	Cap	34	13	1
77-3570	Shield	42	15	1
77-3580	Shield	42	14	1
77-3590	Shield	42	2	1
77-3600	Shield - Adapter	33	35	1
77-3620	Retainer - Cover	1	7	2
77-3620	Retainer - Cover	53	14	6
77-3620	Retainer - Cover	17	22	2
77-3640	Bearing	5	12	1
77-3700	Gasket - Muffler, Exhaust	35	24	1
77-3780	Pin - Lynch	12	4	1
77-3790	Plug	36	20	1
77-3790	Plug - Drain	36	26	1
77-3800	Shield	42	6	1
77-3810	Shield	42	8	1
77-3820	Support - Shield	42	11	1
77-3830	Clip	42	3	4
77-3840	Grommet	42	4	1
77-3850	Ring - Snap	42	16	1
77-3860	Nut - Lock	42	13	1
77-3870	Washer - Flat	42	12	1
77-3880	Bracket - Air Cleaner	35	16	1
77-3890	Bracket - Cable, Hood	34	28	1
77-3890	Bracket - Hood Cable		33	1
77-3890	Bracket - Hood Cable	40	37	1
77-3900	Screw - Cap Hex. Hd.		36	1
77-3900	Screw - Hex. Flange Hd.	34	1	1
77-3970	Spacer - Relay	16	13	1
77-4000	Shim Set	65	*	1
77-4010	Shim Set	63	*	1
77-4020	Shim Set	65	*	1
77-4030	Shim Set	66	*	1
77-4040	Shim Set	67	*	1
77-4050	Shim Set	67	*	1
77-4200	Harness - Wire Relay	20	37	1
77-4200	Harness - Wire,	15	10	1
77-4260	Link - Shift	3	6	1
78-8350	Stop - Axle	55	12	2
80-7730	Spacer	12	25	1
80-7730	Spacer	29	65	3
80-8660	Spacer	56	57	1
80-8660	Spacer	59	59	1
82-3600	Shroud - Lower, L.H.	2	45	1
82-3660	Bracket - Cover	20	39	1
82-3700	Reservoir - Hydraulic	24	4	1
82-3740	Oil Cooler Assembly	53	12	1
82-3750	Cover - Console	17	21	1
82-4900	Foam - Seat Front	12	8	1
82-4950	Plunger - Spring	9	14	1
82-4960	Pad - Brake	8	15	2
82-4970	Ring - Retaining	5	17	1
82-4990	Housing - Fixed	5	9	1
82-5180	Control W.A. - Pump	28	20	1
82-5190	Shaft - Traction Pedal	8	8	1
82-5240	Plate - Pivot	29	61	1
82-5280	Shaft - Pivot	28	28	1
82-5300	Support - Heel	18	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	86	2	1
83-2280	Timer - Delay	16	6	1
84-0080	Spiral Gear Set (Matched)	4	*	1
84-0090	Shim - Lt. Blue .120/.117	4	*	A/R
84-0130	Shim - Pink .129/.126	4	*	A/R
84-0140	Shim - Black .132/.129	4	*	A/R
84-0170	Pulley - P.T.O.	28	44	1
84-0180	Pulley - Lower	26	17	1
84-0210	Gasket - End Cap	31	14	1
84-0240	Housing - Pump	31	33	1
84-0250	Swash Plate - Variable	31	36	1
84-0260	Bearing - Roller	31	21	4
84-0270	Spacer - Trunnion	31	19	4
84-0280	Plate - Valve R.H.	31	39	1
84-0300	Shaft - Pump	31	26	1
84-0310	Bearing - Ball	31	27	1
84-0320	Ring - Retaining	31	28	1
84-0330	Screw - Cap Hex. Hd.	31	25	8
84-0360	Washer	31	24	8
84-0380	Ring - Retaining Internal	31	32	2
84-0400	Seal - Lip	31	29	1
84-0410	Carrier - Seal	31	30	1
84-0430	O-Ring	31	18	4
84-0440	Cover - Trunnion	31	17	2
84-0450	Cover - Trunnion	31	35	1
84-0460	Screw	31	16	8
84-0470	Seal - Lip	31	34	2
84-0480	Poppet - Charge Relief	31	8	1
84-0490	Spring - Compression	31	9	1
84-0500	Assy. - Charge Relief Plug	31	12	1
84-0550	Ring - Retaining	31	6	2
84-0570	Shim - Trunnion Kit	31	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	32	29	1
84-0730	Arm - Lift, L.H.	68	20	1
84-0740	Housing - Bearing, Lower	26	14	1
84-0750	Housing - Bearing	28	32	1
84-0760	Adapter - Pump to Engine	33	24	1
84-0760	Plate - Adaptor		24	1
84-0780	Pulley	76	4	1
84-0780	Pulley	77	6	1
84-0800	Arm - Pivot	83	6	4
84-0940	Assy. - Brake Linkage Arm	7	1	1
84-0970	Assy. - Brake Linkage Arm	7	11	1
84-0990	Pin - Pivot	7	20	2
84-1030	Driveshaft	28	43	1
84-1080	Frame Assembly	1	6	1
84-1170	Plate - Axle	58	12	2
84-1170	Plate - Axle, Pivot	55	15	2
84-1320	Shaft - P.T.O.	26	5	1
84-1330	Hub - Splined	28	41	1
84-1350	Pin - Pivot	83	3	2
84-1350	Pin - Pivot W.A.	68	8	2
84-1380	Anchor - Spring	28	10	1
84-1410	Adapter - Clutch	26	13	1
84-1440	Plate - Adapter	33	33	1
84-1450	Key	26	18	1
84-1450	Panel - Gauge	17	2	1
84-1460	Decal - GM 455D	1	29	2
84-1470	Decal - Safety	8	42	1
84-1480	Hose - Dampener	28	13	1
84-1490	Latch - Lockup	2	54	2
84-1500	Bracket W.A. - Neutral	29	60	1
84-1550	Mount - Rubber	82	2	4
84-1550	Mount - Rubber	26	22	5
84-1560	Washer - Thrust	26	26	3
84-1570	Spacer	54	1	2
84-1570	Spacer	26	21	1
84-1580	Washer - Clutch	26	38	1
84-1590	U-Bolt	6	23	2
84-1600	Bracket - Support, Trans.	3	13	1
84-1610	Support - Rod, Shift	3	10	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
84-1620	Plate – Support, Axle	6	10	2
84-5300	Nut	84	11	4
84-5300	Nut – Jam	86	3	2
84-6402	Orifice	18	26	1
84-6420	Plunger	19	37	2
84-6430	Plunger	19	31	1
85-4980	Switch – Toggle	17	17	1
85-6410	Decal – Danger	73	3	1
85-6410	Decal – Danger	79	20	1
86-0010	Blade – 19	75	11	1
86-0010	Blade – 19	76	11	1
86-0010	Blade – 19	77	13	1
86-0020	Assembly – Wheel, Castor	72	3	2
86-0020	Wheel – 8	80	7	2
86-0050	Screw – Adjusting	71	7	3
86-0060	Sleeve – Tube	71	2	6
86-0070	Spring – Compression	71	3	2
86-0080	Spring – Compression	71	*	1
86-0690	Spacer	85	3	3
86-0700	Decal	73	8	1
86-0710	Decal – H.O.C. Wing LH	79	15	1
86-0720	Decal – HOC, LH	84	24	1
86-0730	Decal – HOC, RH	84	8	1
86-0740	Decal – Belt	84	31	1
86-0750	Decal – Belt LH	79	9	1
86-0760	Decal	73	13	1
86-0770	Decal – Quadfloat	74	6	1
86-0780	Decal – HOC	84	36	1
86-0790	Button – Guard	74	2	8
86-1150	Yoke – End	88	1	2
86-1160	Kit – Universal	88	2	2
86-1170	Shaft – Slip Yoke	88	3	1
86-1180	Tube – Slip Yoke	88	4	1
86-1410	Pulley – Gearbox 6.50 Dia.	82	16	1
86-1420	Hose – Hydraulic	85	21	1
86-1440	Washer – Flat	79	6	2
86-1440	Washer – Flat	73	15	2
86-1440	Washer – Flat	84	51	4
86-1440	Washer – Lock	83	11	8
86-1480	Washer	75	3	1
86-1480	Washer	76	3	1
86-1480	Washer	77	18	1
86-1490	Rod End – LH Thread	81	19	2
86-1550	Rod End – RH Thread	81	23	2
86-1560	Spacer	81	17	2
86-1570	Rod – Threaded	81	21	2
86-1650	Plate – Duct, Air	1	26	1
86-1690	Foam – Intake, Air	1	27	1
86-1700	Pulley	75	4	1
86-1710	Assembly – Clutch, Elect.	77	3	1
86-1730	Drive Shaft	82	10	1
86-1740	Spacer	77	5	1
86-1790	Yoke W.A. – Pulley	71	8	3
86-1820	Bracket – Pulley	81	9	1
86-1830	Cover – Drive Shaft	82	11	1
86-1840	Cover – Right Hand	74	5	1
86-1850	Cover – Left Hand	74	17	1
86-1860	Cover – Center	74	7	1
86-1870	Cover – Center, Right Hand	74	8	1
86-1880	Cover – Center, Left Hand	74	16	1
86-1890	Hinge	74	10	4
86-1890	Hinge	84	25	2
86-1900	Plate – Hinge	74	3	4
86-1910	Harness – Wire, Deck	15	9	1
86-1910	Wire Harness	82	13	1
86-1920	Spring – Torsion	74	11	2
86-1960	V-Belt	79	12	1
86-1960	V-Belt	73	16	1
86-1970	V-Belt	82	1	1
86-1990	Washer	82	4	6
86-1990	Washer	26	42	4
86-2000	Bolt – Thin Head	71	9	3
86-2010	Pin – H.O.C. Pivot	73	10	1
86-2010	Pin – H.O.C., Wing	79	14	1
86-2020	Support – Gear Box	82	3	1
86-2070	Nut	83	9	4
86-2080	Ball Joint	83	10	4
86-2090	Bushing	83	18	6
86-2120	Roller	83	19	4
86-2130	Pin – Clevis	83	21	2
86-2150	Lock W.A.	83	17	2
86-2180	Bushing	83	22	4
86-2190	Cylinder – Hydraulic	84	14	2
86-2190	Cylinder Assembly	86	*	1
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	84	9	1
86-2260	Cover – Guide, LH	84	*	1
86-2280	Frame – Carrier, RH	84	20	1
86-2320	Frame – Carrier, LH	84	23	1
86-2340	Shaft – Spindle	75	9	1
86-2340	Shaft – Spindle	76	9	1
86-2360	Shaft – Spindle	77	11	1
86-2380	Strap – Deck H.O.C.	84	19	2
86-2390	Pin – HOC	84	26	2
86-2400	Latch – Arm	81	14	2
86-2410	Fork	80	4	2
86-2440	Assembly – Hose	85	17	2
86-2450	Assembly – Hose	85	18	2
86-2460	Assembly – Hose	85	7	2
86-2470	Assembly – Tube	85	5	1
86-2480	Assembly – Tube	85	2	1
86-2490	Assembly – Tube	85	4	1
86-2500	Orifice	85	14	2
86-2501	Orifice	18	22	2
86-2510	Spring	84	10	2
86-2520	Foam – Hood, Right Rear	1	24	1
86-2530	Foam – Hood, Left Rear	2	30	1
86-2540	Ball Joint	84	12	2
86-2560	Spring	83	13	2
86-2590	Rod – Clutch	81	4	2
86-2600	Washer	81	18	2
86-2600	Washer – Belt Guide	79	4	2
86-2600	Washer – Guide, Belt	73	18	2
86-2610	Assembly – Rod End	86	14	1
86-2610	Ball Joint	84	16	2
86-2630	Spring – Compression	85	13	2
86-2640	Assembly – Tube, Cylinder	85	20	2
86-2650	Support – Spring	83	14	2
86-2660	Stop – Cover	74	14	1
86-2670	Decal – Pulley Adjustment	71	4	1
86-2680	Switch	83	24	2
86-2681	Switch Hardware Packet	83	*	1
86-2710	Assembly – Hose, Rear Motor	32	26	1
86-2730	Hose – Hydraulic	58	14	1
86-2770	Assembly – Tube, Traction	32	24	1
86-2790	Pin – Pivot, L.H.	68	17	1
86-2800	Hose – Suction	24	26	1
86-2820	Assembly – Wheel	56	*	1
86-2830	Plate W.A. – Adapter, Main	28	46	1
86-2890	Hose, Traction R.H. (2WD)	3	30	1
86-2900	Assy. – Hose, Traction L.H.	3	29	1
86-2910	Assembly – Hose	32	25	1
86-2920	Hose, Traction R.H. (4WD)	3	*	1
86-2930	Plate – Clutch	26	34	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
86-2990	Mount – Throttle Cable	33	25	2
86-2990	Mount – Throttle Cable		28	2
86-3000	Assembly – Head, Filter	24	15	1
86-3010	Filter – Transmission	24	16	1
86-3020	Wire – Neutral, Switch	28	23	1
86-3030	Cover – Wire	26	25	1
86-3040	Coupling – Rubber	28	39	2
86-3040	Flange – Rubber	26	40	1
86-3090	Gear Box	82	9	1
86-3100	Pulley – Gearbox 7.50 Dia.	82	*	1
86-3120	Hose – Hydraulic Cap End	55	8	1
86-3130	Hose – Hydraulic Rod End	55	7	1
86-3140	Hose – Hydraulic	58	6	1
86-3150	Assembly – Hose	24	38	1
86-3150	Assembly – Hose	32	39	1
86-3160	Assembly – Hose	68	7	1
86-3170	Hose Assembly	68	15	1
86-3180	Assembly – Hose	18	24	1
86-3190	Assembly – Hose	18	23	2
86-3210	Assembly – Hose	9	51	1
86-3220	Assembly – Hose	9	2	1
86-3230	Assembly – Hose	18	32	1
86-3240	Assembly – Hose	18	18	1
86-5410	Panel – Console	16	17	1
86-5420	Spacer – Rod, Shift	3	8	1
86-5430	Plate – Skid	6	25	1
86-5440	Valve – Relief, Dual	18	36	1
86-5450	Coupler – Hydraulic	68	24	3
86-5460	Nipple – Coupler	85	11	3
86-5470	Harness – Front	15	1	1
86-5470	Harness – Wire	26	9	1
86-5470	Harness – Wire	9	52	1
86-5480	NIpple – Test	32	32	2
86-5500	Assembly – Hose	24	20	1
86-5500	Assembly – Hose	32	38	1
86-5570	Assembly – Hose	9	1	1
86-5580	Cylinder – Hydraulic	68	1	2
86-5590	Assembly – Pump	28	7	1
86-5600	Assy. – Pump, Gear	28	5	1
86-5610	Clutch	26	37	1
86-5620	Bearing	26	4	1
86-5650	Pipe – Exhaust	35	20	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	18	33	1
86-5770	Assy. Tube, Relief Valve	18	28	1
86-5780	Tube – Hydraulic L.H.	55	2	1
86-5780	Tube Assembly RH Rear	58	52	1
86-5790	Tube – Hydraulic R.H.	55	3	1
86-5790	Tube Assembly LH Rear	58	51	1
86-5800	Assembly – Tube	53	27	1
86-5800	Hydraulic Tube Assembly	24	37	1
86-5820	Harness – Wire, Main	15	6	1
86-5820	Harness – Wire, Main	26	31	1
86-5830	Spring – Compression	7	5	2
86-5840	Plate – Spring	7	4	2
86-5860	Nipple	24	18	1
86-5860	Nipple	3	35	2
86-5890	Arm – Lift, R.H.	68	22	1
86-5900	Tire	6	14	2
86-5910	Tire	55	29	2
86-5910	Tire	58	37	2
86-5920	Decal – Service, 4WD	18	*	1
86-5930	Decal – Service, 2WD	18	37	1
86-5940	Spacer – Bearing	28	33	1
86-7470	Diode	15	7	4
86-8100	Ball – Joint	84	6	2
88-1140	Spacer – Bearing, Lower	26	15	1
88-1150	Spacer – Clutch	26	33	1
88-1160	Rod – Traction Linkage	8	11	1
88-1170	Belt – Matched Set	26	19	1
88-1190	Pin – Pivot W.A.	68	16	2
88-1200	Pin – Pivot, R.H.	68	*	1
88-1210	Weight W.A. – Rear	53	29	1
88-1220	Plate	54	2	2
88-1220	Weight – Rear	53	26	11
88-1250	Hydraulic Cylinder Assy.	55	42	1
88-1260	Transaxle – 2 Speed	3	17	1
88-1280	Cover – Belt, Lower	26	35	1
88-1290	Bracket – Rod, Seat	32	16	1
88-1300	Cover – Seat Front	2	58	1
88-1310	Foam – Cover	2	59	1
88-1320	Fitting – Hydraulic 90°	32	7	1
88-1360	Washer	53	24	2
88-1360	Washer – Rear Weight	54	3	2
88-1370	Plate – Brake	27	3	1
88-1380	Fitting – Adapter	18	20	3
88-1420	Spring – Compression	12	27	1
88-1430	Nut – Lock, Bearing	28	48	1
88-1440	Washer – Lock	28	47	1
88-1450	Nut – Lock, Bearing	26	30	1
88-1460	Washer – Lock	26	32	1
88-1470	Plate – Control, Pump	28	22	1
88-1490	Holder – Foam	35	12	1
88-1500	Foam – Firewall	1	20	1
88-1510	Screw – Special	26	23	5
88-1520	Cartridge – Relief	18	41	1
88-1530	Cartridge – Relief	18	42	1
88-1560	Housing – Axle	6	11	2
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	4
88-1610	Assembly – Field Rotor	27	8	1
88-1620	Assembly – Armature	27	5	1
88-3590	Nut – Lock	69	14	1
88-3600	Piston	69	13	1
88-3610	Assembly – Barrel	69	15	1
88-3620	Assembly – Rod	69	1	1
88-3630	Head	69	5	1
88-3640	Kit – Seal	69	*	1
88-3660	Rod–Piston	57	9	1
88-3670	Piston	57	3	1
88-3680	Gland	57	7	1
88-3690	Nut–Lock	57	2	1
88-3720	Seal Kit	57	*	1
88-3730	Body Assembly	30	14	1
88-3740	Idler Gear Assembly	30	2	1
88-3750	Drive Gear Assembly	30	3	1
88-3760	Capscrew	30	4	8
88-3770	Spring	30	21	1
92-0600	Kit – Seal	86	*	1
92-0602	Assembly – Barrel	86	13	1
92-0603	Piston & Rod Assembly	86	5	1
92-0604	Head – Ring Retaining	86	7	1
92-0605	Housing	87	5	1
92-0606	Key	87	9	1
92-0607	Gear – RH	87	10	1
92-0608	Cap – Thru	87	14	1
92-0609	Seal	87	13	1
92-0610	Cone – Bearing	87	11	1
92-0611	Cup – Bearing	87	12	1
92-0612	Nut – Lock	87	23	1
92-0613	Washer – Lock	87	22	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92–0614	Shaft – Pinion	87	19	1
92–0615	Seal	87	18	1
92–0616	Cone – Bearing	87	15	2
92–0617	Cup – Bearing	87	16	2
92–0618	Hub	87	17	1
92–0619	Gear – LH	87	21	1
92–0620	Shaft – Thru	87	8	1
92–0621	Deck W.A. – Center	84	32	1
92–0622	Deck – Wing, LH	79	18	1
92–0623	Wing Deck Assembly R.H.	73	20	1
92–0624	Idler Pulley Assembly	81	7	2
92–0624	V–Idler Pulley Assembly	79	1	2
92–0625	Idler Pulley Assembly	79	5	1
92–0625	Idler Pulley Assembly	81	6	2
92–0625	Idler Pulley Assembly	71	11	3
92–0625	Idler Pulley Assembly	73	17	1
92–0626	Assembly – Tube W.A.	71	5	3
92–0627	Armature & Pulley Assy.	78	5	1
92–0633	Idler Pulley Assembly	73	5	1
92–0636	Shaft Assembly	5	3	1
92–0639	Case Assembly	4	15	1
92–0640	Bearing – Needle	4	28	1
92–0641	Shaft – Counter	4	20	1
92–0642	Gear – Output	4	17	1
92–0643	Gear – Ring	4	37	1
92–0644	Gear – Cluster	4	19	1
92–0645	Shaft & Gear – Shifter	4	21	1
92–0646	Bearing – Ball	4	42	2
92–0647	Rod – Shift (High–Low)	4	36	1
92–1351	Plug – Pulley	29	66	1
92–1352	Plug	31	42	3
92–1353	Shim	31	10	1
92–1354	Cap – End	31	1	1
92–1355	Plug – Special	31	2	2
92–1356	Valve – Screw 415 BAR	31	7	2
92–1357	Pin	31	43	1
92–1358	Coupling	31	41	1
92–1363	Seal	53	9	1
92–1364	Guide – Switch, Pin	3	46	1
92–1365	Plunger – Switch	3	47	1
92–1366	Spring – Compression	3	51	1
92–1367	Arm – Traction Linkage	8	13	1
92–1370	Decal – Warning	8	44	1
92–1379	Arm – Brake Linkage	8	24	2
92–1385	Bracket – Screen RH	53	10	1
92–1386	Bracket – Screen LH	53	*	1
92–1398	Lift Valve Assembly	18	15	1
92–1654	Wheel – 10	80	*	2
92–2556	Motor – Fixed Displacement	3	37	1
92–2559	Door Trap	81	26	2
92–2565	Bracket – Muffler	35	23	1
92–2567	Spring	19	21	1
92–2568	Poppet	19	22	1
92–2569	Screw – Hex. Socket Hd.	12	16	1
92–2571	Plug	5	4	2
92–2572	End Cap Assembly	5	14	1
92–2573	Butt & Tube Assy.	57	1	1
92–2575	Screen – Radiator	53	13	1
92–2581	Neutral Switch Arm Assy.	28	51	1
217–124	Rim	6	15	2
217–125	Rim	55	31	2
217–125	Rim	58	38	2
218–446	Washer – Lock	17	3	1
218–447	Nut – Hex.	17	4	1
218–461	Nut – Hex	12	15	2
218–573	Fuse – 5A	16	21	2
218–581	Fuse – 15A	16	*	1
218–591	Coil Assembly	60	6	1
218–592	Nut – Coil	60	7	1
218–593	Fuse – 30A	16	*	1
219–17	Bulb – Warning Light	17	*	4
2112–9	Clamp – Muffler	35	19	1
232–27	Stem – Valve	6	16	2
232–27	Stem – Valve	55	30	2
232–27	Stem – Valve	58	39	2
233–17	Knob	9	24	1
233–39	Knob – Throttle	16	1	1
233–42	Knob	18	13	3
237–7	O–Ring	12	23	1
237–21	O–Ring	68	6	6
237–21	O–Ring	18	21	3
237–22	O–Ring	9	3	10
237–22	O–Ring	32	5	6
237–22	O–Ring	85	10	9
237–22	O–Ring	18	17	2
237–22	O–Ring	24	28	1
237–22	Seal – O–Ring	58	2	6
237–22	Seal – O–Ring	55	4	4
237–30	O–Ring	32	8	3
237–30	O–Ring	12	18	1
237–30	O–Ring	24	32	4
237–30	O–Ring	18	34	3
237–30	O–Ring	3	48	1
237–40	O–Ring	3	24	1
237–42	O–Ring	18	5	5
237–42	O–Ring	85	8	14
237–42	O–Ring	58	42	2
237–65	O–Ring	32	2	8
237–65	O–Ring	58	11	9
237–65	O–Ring	24	13	5
237–65	O–Ring	53	18	6
237–65	O–Ring	3	33	2
237–65	Seal – O–Ring	5	5	2
237–78	O–Ring	68	3	4
237–78	O–Ring	58	47	2
237–78	Seal – O–Ring	55	43	2
237–79	O–Ring	18	4	4
237–79	O–Ring	9	5	4
237–79	O–Ring	32	14	6
237–79	O–Ring	68	23	3
237–79	O–Ring	3	28	3
237–79	O–Ring	24	34	3
237–80	O–Ring	60	2	2
237–80	O–Ring	32	4	6
237–80	O–Ring	31	23	3
237–80	O–Ring	24	30	3
237–81	O–Ring	24	5	3
237–81	O–Ring	58	22	2
237–136	Grommet	12	24	2
237–141	Grommet – Rubber	81	2	4
237–146	O–Ring	32	36	1
237–161	O–Ring	28	6	1
237–166	O–Ring	58	21	1
237–166	O–Ring	58	26	1
237–167	O – Ring	30	25	1
237–167	O–Ring	3	27	1
240–6	Grommet	20	18	3
241–119	Cap – Dust	6	18	2
241–119	Cap – Hub	55	32	2
242–34	Stud – Axle	6	12	10
242–50	Nut – Lug	55	35	10
249–49	Ring	25	48	1
2410–64	Plug – Dome	9	34	2
2411–36	Eye – Rod	8	2	3
2411–36	Rod – End	3	3	1
2411–36	Rod End	7	9	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
2411-36	Rod End	9	21	1
2411-36	Rod End	28	27	1
2411-45	Joint - Ball R.H.	56	*	1
2411-46	Joint - Ball L.H.	56	46	1
2412-3	Clamp	34	31	2
2412-3	Clamp - Hose		21	2
2412-3	Clamp - Hose	53	36	2
2412-32	Clip - Conduit	16	23	1
2412-34	Clamp - Hose	24	27	1
2412-34	Clamp - Hose	32	34	1
2412-36	.Clamp - Hose	20	24	1
2412-36	Clamp - Hose	34	16	1
2412-36	Clamp - Hose	53	42	1
2412-36	Clamp - Hose	25	47	1
2412-39	R-Clamp	16	27	1
2412-74	Clamp	12	14	1
2412-74	Clamp - R	32	11	1
2412-74	Clamp - R	58	20	1
2412-74	Clamp - R	9	49	1
2412-96	Clamp	34	17	1
2412-96	Clamp - Hose		45	1
2412-104	Clamp-R	35	7	1
2412-108	Clamp	34	25	2
2412-108	Clamp - Hose	20	5	6
2412-108	Clamp - Hose		30	3
2412-109	Clamp-J	26	10	2
2412-119	Clamp	34	14	3
2412-119	Clamp - Hose	39	15	4
2412-119	Clamp - Hose		44	3
2412-122	Clamp Assembly	56	48	2
2412-123	Tie Rod Assembly	56	49	1
2412-125	Clamp - Hose	34	23	1
2412-129	Clamp - Hose	35	4	5
2412-129	Clamp - Hose	36	8	4
2412-129	Clamp - Hose	34	20	2
2412-130	Clamp - Hose	35	25	1
2412-133	Clamp - R	12	2	2
2412-137	R-Clamp	68	11	1
2412-138	Clamp - R	74	19	1
2412-138	Clamp-R	82	14	1
2412-150	Clip - J	3	49	1
251-259	Bearing - Ball	28	29	2
251-310	Bearing - Ball	26	16	2
251-314	Bearing	28	45	2
251-321	Bearing - Castor	80	1	4
251-321	Bearing - Castor	72	2	4
251-332	Spacer - Bearing	72	5	2
251-332	Spacer - Bearing	80	6	2
253-43	Seal - Grease	28	40	1
253-129	Seal - Inner	55	25	2
253-154	Seal - Oil	75	5	2
253-154	Seal - Oil	76	5	2
253-154	Seal - Wave	77	7	2
254-72	Cup - Bearing	55	27	4
254-78	Cone - Bearing	87	4	1
254-94	Cone - Bearing	55	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	28	52	2
256-237	Bushing - Sleeve	1	5	1
256-243	Bushing	81	27	2
283-2	Pin - Clevis	7	16	2
283-58	Pin - Clevis	34	4	1
283-58	Pin - Clevis	1	23	1
283-58	Pin - Clevis		34	1
283-61	Pin - Clevis	83	20	6
285-22	Plug - Pipe	20	27	1
289-44	Nipple - Pipe	3	20	1
289-50	Nipple - Pipe	3	18	1
2811-1	Fitting - 45° Elbow	53	35	1
2812-1	Fitting - Reducing Bushing	20	26	1
2812-11	Bushing - Reducer	3	16	1
2813-14	Elbow - Pipe 90°	3	19	1
302-2	Fitting - Grease	75	1	1
302-2	Fitting - Grease	76	1	1
302-2	Fitting - Grease	8	20	1
302-2	Fitting - Grease	84	40	1
302-2	Fitting - Grease	56	53	1
302-2	Fitting - Grease	59	55	1
302-5	Fitting - Grease	73	1	1
302-5	Fitting - Grease	7	2	2
302-5	Fitting - Grease	83	2	4
302-5	Fitting - Grease	68	21	4
302-5	Fitting - Grease	79	24	1
302-5	Fitting - Grease	8	27	3
302-5	Fitting - Grease	28	37	3
302-5	Fitting - Grease	84	48	2
302-11	Fitting - Grease	55	22	2
302-14	Plug - Vent	3	15	1
302-33	Fitting - Grease 90°	77	1	1
302-40	Fitting - Grease 90°	80	2	2
302-40	Fitting - Grease 90°	72	4	2
302-60	Fitting - Grease 90°	84	50	1
304-46	Drain Cock	53	34	1
321-2	Screw - Cap Hex. Hd.	16	12	2
321-2	Screw - Cap Hex. Hd.	20	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.	18	7	2
321-15	Screw - Cap Hex. Hd.	32	17	2
322-1	Screw - Cap Hex. Hd.	6	6	6
322-2	Screw - Cap Hex. Hd.	68	2	5
322-2	Screw - Cap Hex. Hd.	32	9	1
322-2	Screw - Cap Hex. Hd.	12	38	2
322-3	Screw - Cap Hex. Hd .	33	27	8
322-3	Screw - Cap Hex. Hd.	35	14	4
322-3	Screw - Cap Hex. Hd.	13	15	4
322-3	Screw - Cap Hex. Hd.	53	40	3
322-4	Screw - Cap Hex. Hd.	14	5	4
322-4	Screw - Cap Hex. Hd.	8	41	2
322-5	Screw - Cap Hex. Hd.	29	55	2
322-6	Screw - Cap Hex. Hd.	28	1	2
322-6	Screw - Cap Hex. Hd.	32	18	1
322-7	Screw - Cap Hex. Hd.	28	30	1
322-10	Screw - Cap Hex. Hd.	28	19	1
322-16	Screw - Cap Hex. Hd.		26	2
322-16	Screw - Cap Hex. Hd.	35	30	2
323-4	Screw - Cap Hex. Hd.	24	24	3
323-4	Screw - Cap Hex. Hd.	20	40	7
323-6	Screw - Cap Hex. Hd.	9	10	4
323-7	Screw - Cap Hex. Hd.	28	4	2
323-7	Screw - Cap Hex. Hd.	20	20	2
323-7	Screw - Cap Hex. Hd.	3	38	2
323-7	Screw - Cap Hex.. Hd.	7	10	2
323-7	Screw-Cap, Hex. Hd.	30	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.		3	1
323-9	Screw - Cap Hex. Hd.	33	3	1
323-9	Screw - Cap Hex. Hd.	8	14	1
323-9	Screw - Cap Hex. Hd.	13	19	2
323-12	Screw - Cap Hex. Hd.	8	29	2
323-13	Screw - Cap Hex. Hd.	79	2	2
323-13	Screw - Cap Hex. Hd.	81	8	4
323-13	Screw - Cap Hex. Hd.	73	9	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
323–14	Screw – Cap Hex. Hd.	82	7	2
323–15	Screw – Cap Hex. Head	74	13	4
323–17	Screw – Cap Hex. Hd.	18	10	1
323–29	Screw – Cap Hex. Hd.	28	14	3
323–33	Screw – Cap Hex. Hd.		8	2
323–33	Screw – Cap Hex. Hd.	33	8	2
323–34	Screw – Cap Hex. Hd.		6	1
323–34	Screw – Cap Hex. Hd.	2	36	2
323–34	Screw – Cap Hex. Hd.	33	41	1
323–47	Screw – Cap Hex. Hd.	28	34	6
324–4	Screw – Cap Hex. Hd.	32	6	2
324–4	Screw – Cap Hex. Hd.	29	58	2
324–12	Screw – Cap Hex. Hd.		13	3
324–12	Screw – Cap Hex. Hd.	33	17	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.	58	25	2
325–4	Screw – Cap Hex. Hd.	6	26	1
325–5	Screw – Cap Hex. Hd.	81	15	2
325–5	Screw – Cap Hex. Hd.	2	55	2
325–7	Screw – Cap Hex. Hd.	81	24	2
325–9	Screw – Cap Hex. Hd.	82	5	4
325–9	Screw – Cap Hex. Hd.	26	29	2
325–9	Screw – Cap Hex. Hd.	12	37	2
325–11	Screw – Cap Hex. Hd.	55	16	2
325–11	Screw – Cap Hex. Hd.	84	18	2
325–11	Screw – Cap Hex. Hd.	53	30	2
325–11	Screw – Cap Hex. Hd.	58	34	2
325–13	Screw	26	12	1
325–15	Screw – Cap Hex. Hd.	84	2	4
325–15	Screw – Cap Hex. Hd.	6	24	10
325–20	Screw – Cap Hex. Hd.	55	13	2
325–20	Screw – Cap Hex. Hd.	58	16	2
325–33	Screw – Cap Hex. Hd.	70	3	2
327–24	Screw – Cap Hex. Hd.	80	5	2
327–24	Screw – Cap Hex. Hd.	72	6	2
328–25	Screw – Cap Hex. Hd.	55	41	1
328–25	Screw – Cap Hex. Hd.	58	44	2
3210–5	Screw – Cap Hex. Hd.	55	45	2
3212–5	Screw – Cap Hex. Hd.	70	9	2
3213–2	Screw – Hex. Hd. Flange	28	8	2
3216–6	Screw – Cap Hex. Hd.	73	6	1
3216–6	Screw – Cap Hex. Hd.	79	17	1
3217–9	Nut – Jam	71	6	3
3218–2	Nut – Jam	8	40	2
3218–18	Nut – Jam	83	7	2
3218–19	Nut – Hex.	17	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	29	54	1
3220–5	Nut – Jam	81	22	2
3220–7	Nut – Jam	68	12	3
3220–12	Nut – Jam LH Thread	81	20	2
3230–16	Bolt – Carriage	14	2	4
3231–22	Bolt – Carriage	2	47	2
3234–1	Screw – Cap Hex. Hd.	82	8	4
3234–1	Screw – Hex. Flange Hd.	28	31	4
3234–1	Screw – Hex. Flange Hd.	84	34	1
3234–4	Screw – Cap Hex. Hd.	58	4	1
3234–4	Screw – Cap Hex. Hd.	3	43	2
3234–5	Screw – Hex. Flange Hd.	34	3	1
3234–11	Screw	33	15	8
3234–11	Screw – Hex. Flange Head	75	6	6
3234–11	Screw – Hex. Flange Head	76	6	6
3234–11	Screw – Hex. Flange Head	77	8	6
3234–11	Screw – Hex. Washer Hd.		16	6
3234–12	Screw – Cap Hex. Hd.	55	17	2
3234–12	Screw – Hex. Flange Hd.	3	12	2
3234–12	Screw – Hex. Washer Hd.	20	1	2
3234–12	Screw – Hex. Washer Hd.	53	11	5
3234–12	Screw – Hex. Washer Hd.	2	44	7
3234–13	Screw – Hex. Washer Hd.	24	7	2
3234–14	Screw – Hex. Flange Hd.	8	17	2
3234–14	Screw – Hex. Flange Hd.	13	21	6
3234–14	Screw – Hex. Washer Hd.	2	41	4
3234–15	Screw – Hex. Flange Hd.	35	15	5
3234–17	Screw – Hex. Flange Hd.	34	18	1
3234–17	Screw – Hex. Washer Hd.		48	1
3234–18	Screw – Flange Head	26	39	1
3234–22	Screw – Flange Head	26	24	3
3234–27	Screw – Hex. Flange Hd.	54	4	2
3234–29	Screw – Cap Flange Head	74	4	8
3234–30	Screw – Hex. Flange Hd.	53	1	12
3234–32	Screw – Hex. Flange Hd.	55	11	2
3234–32	Screw – Hex. Flange Hd.	53	23	2
3234–32	Screw – Hex. Flange Hd.	58	33	2
3243–11	Screw – Hex. Flange Hd.	35	1	2
3247–2	Screw – Set	58	9	1
3249–11	Screw – Machine Rd. Hd.	28	25	2
3250–20	Screw – Pan Phil. Hd.	74	1	8
3253–4	Washer – Lock	68	4	5
3253–4	Washer – Lock	14	6	4
3253–4	Washer – Lock	6	7	6
3253–4	Washer – Lock	13	16	4
3253–4	Washer – Lock	33	26	4
3253–6	Washer – Lock	32	10	2
3253–6	Washer – Lock	70	10	2
3253–6	Washer – Lock	29	59	2
3253–7	Washer – Lock	70	6	2
3253–15	Washer – Lock	20	30	5
3253–21	Washer – Lock		7	3
3253–21	Washer – Lock	33	7	3
3253–21	Washer – Lock	9	9	4
3253–21	Washer – Lock	20	21	9
3253–21	Washer – Lock	24	25	3
3253–21	Washer – Lock	2	37	2
3253–21	Washer – Lock	4	44	6
3254–20	Washer – Lock, Int. Tooth	17	6	1
3255–7	Washer – Lock Ext. Tooth	16	22	1
3255–8	Washer – Lock		22	2
3255–8	Washer – Lock Ext. Tooth	16	19	1
3255–8	Washer – Lock, Ext. Tooth	33	20	2
3256–2	Washer	14	7	4
3256–2	Washer – Flat	13	8	8
3256–3	Washer	17	23	2
3256–3	Washer	29	64	1
3256–3	Washer – Flat	34	19	1
3256–3	Washer – Flat	12	36	1
3256–3	Washer – Flat	2	40	2
3256–3	Washer – Flat	8	43	1
3256–5	Washer – Flat	70	11	2
3256–22	Washer – Flat	9	41	1
3256–23	Washer – Flat	53	2	6
3256–23	Washer – Flat	32	19	1
3256–23	Washer – Flat	12	39	2
3256–23	Washer – Flat	9	47	2
3256–23	Washer – Flat	56	55	1
3256–23	Washer – Flat	59	57	1
3256–24	Washer	16	30	1
3256–24	Washer – Flat		4	4
3256–24	Washer – Flat	33	4	4
3256–24	Washer – Flat	26	7	6
3256–24	Washer – Flat	18	11	2
3256–24	Washer – Flat	20	11	9

*Not Illustrated

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3256-24	Washer – Flat	24	11	3
3256-24	Washer – Flat	28	35	9
3256-24	Washer – Flat	8	37	1
3256-24	Washer – Flat	2	38	2
3256-26	Washer – Flat	70	2	4
3256-26	Washer – Flat	84	3	4
3256-26	Washer – Flat	28	9	2
3256-26	Washer – Flat	81	25	2
3256-26	Washer – Flat	53	32	2
3256-26	Washer – Flat	9	36	4
3256-28	Washer – Flat	70	12	2
3256-28	Washer – Flat	55	14	4
3256-28	Washer – Flat	58	18	1
3256-35	Washer – Flat	73	4	1
3256-49	Washer – Flat	12	6	1
3256-67	Washer – Flat	74	18	8
3256-70	Washer – Flat	26	36	3
3256-71	Washer – Flat	28	16	2
3256-77	Washer – Flat	16	7	1
3256-78	Washer – Flat	16	10	1
3258-19	Screw – Rd. Head Machine	52	2	2
3272-1	Pin – Cotter	18	8	6
3272-5	Pin – Cotter	83	16	6
3272-5	Pin – cotter	9	39	2
3272-6	Pin – Cotter	7	18	2
3272-9	Pin – Cotter	83	15	2
3272-10	Pin – Cotter	1	15	1
3272-10	Pin – Cotter	34	29	1
3272-10	Pin – Cotter		32	1
3272-10	Pin – Cotter	9	38	1
3272-11	Pin – Cotter	84	30	2
3272-12	Pin – Cotter	84	4	2
3272-12	Pin – Cotter	55	39	2
3272-13	Pin – Cotter	55	34	2
3273-17	Screw – Hex. Socket Hd.	88	5	4
3274-19	Screw – Cap Socket Hd.	8	12	1
3274-68	Screw – Socket Button Hd.	17	19	4
3274-71	Screw – Soc. Hex. Hd.	26	1	2
3274-87	Screw – Flat Hd. Socket	6	3	12
3290-126	Screw – Hex. Washer Hd.	16	8	3
3290-148	Nut – Lock	16	4	1
3290-256	Pin – Cotter Hair	79	13	1
3290-256	Pin – Cotter, Hair	84	22	2
3290-256	Pin – Cotter, Hair	73	24	1
3290-271	Rivet – Pop	53	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	29	56	1
3290-357	Nut – Lock	33	36	6
3290-357	Nut – Lock, Flange Hd.	2	34	4
3290-378	Tie – Cable	81	3	2
3290-378	Tie – Cable	35	8	1
3290-378	Tie – Cable	34	22	2
3290-378	Tie – Cable		37	3
3290-378	Tie – Cable	33	37	1
3290-378	Tie – Cable	25	49	1
3290-378	Tie – Cable	10	60	3
3290-379	Tie – Cable	18	6	1
3290-384	Pin – Lynch	73	21	1
3290-384	Pin – Lynch	79	23	1
3290-384	Pin – Lynch	84	46	2
3290-467	Pin – Hair, Cotter	81	1	2
3290-477	Washer – Curved	29	57	2
3290-483	Washer – Belleville	81	16	2
3290-483	Washer – Belleville	2	52	2
3296-2	Nut – Lock	2	35	2
3296-2	Nut Lock	17	13	1
3296-6	Nut – Lock	78	9	3
3296-6	Nut – Lock	27	10	3
3296-9	Nut – Lock	28	18	2
3296-12	Nut – Lock	16	24	1
3296-15	Nut – Lock	73	11	1
3296-15	Nut – Lock	79	11	1
3296-23	Nut – Lock	84	21	2
3296-25	Nut – Lock	70	8	2
3296-25	Nut – Lock	81	11	2
3296-25	Nut – Lock	26	27	5
3296-25	Nut – Lock	2	31	2
3296-25	Nut – Lock	2	51	2
3296-29	Nut – Lock	83	1	2
3296-29	Nut – Lock	14	3	4
3296-29	Nut – Lock	13	7	4
3296-29	Nut – Lock	28	15	5
3296-39	Nut – Lock	7	13	2
3296-39	Nut – Lock	18	14	1
3296-39	Nut – Lock	82	17	2
3296-39	Nut – Lock	79	19	1
3296-39	Nut – Lock	26	20	4
3296-39	Nut – Lock	73	23	1
3296-39	Nut – Lock	12	28	1
3296-39	Nut – Lock	28	36	6
3296-39	Nut – Lock	26	41	3
3296-42	Nut – Lock	16	9	2
3296-42	Nut – Lock	8	33	1
3296-42	Nut – Lock	20	36	1
3296-44	Nut – Lock	16	25	1
3296-45	Nut – Lock	59	60	2
3296-45	Nut – Lock	81	28	2
3296-45	Nut – Lock	56	58	2
3296-47	Nut – Lock	16	18	1
3296-47	Nut – Lock	53	20	5
3296-47	Nut – Lock	32	21	1
3296-47	Nut – Lock	29	62	2
3296-49	Nut – Lock	75	2	1
3296-49	Nut – Lock	76	2	1
3296-49	Nut – Lock	77	2	1
3296-49	Nut – Lock	9	12	2
3296-51	Nut – Lock	55	10	3
3296-51	Nut – Lock	58	19	2
3296-53	Nut – Lock	80	3	2
3296-53	Nut – Lock	72	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	28	24	3
3296-59	Nut – Lock	9	31	1
3296-59	Nut – Lock, Flange Head	74	9	4
3296-67	Nut – Lock	6	19	2
32104-37	Screw – Cap Hex. Hd.	56	54	1
32104-37	Screw – Cap Hex. Hd.	59	56	1
32104-76	Screw – Slot. Acorn Hd.	1	14	17
32104-82	Screw – Hex. Washer Hd.	12	13	1
32105-12	Screw – Hex. Hd.	17	16	1
32107-11	Nut	52	9	2
32108-58	Screw – Machine Flat Hd.	68	25	4
32120-15	Ring – Retaining	58	32	2
32120-19	Ring – Retaining, Ext.	7	12	4
32120-74	Ring – Retaining	29	67	1
32121-6	Pin – Roll	9	35	1
32121-6	Pin – Roll	3	45	1
32121-10	Pin – Roll	9	16	1
32121-11	Pin – Roll	81	12	2
32121-11	Pin – Roll	8	32	2
32121-11	Pin – Roll	2	53	2
32121-24	Pin – Roll	3	42	1

*Not Illustrated

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32121–25	Pin – Roll	8	25	2
32121–50	Pin – Roll	8	35	1
32121–51	Pin – Roll	84	13	2
32121–123	Pin – Roll	9	18	2
32122–24	Screw – Round Hd.	20	31	5
32128–13	Nut – Lock	35	21	2
32128–19	Nut – Flange	35	22	2
32128–19	Nut – Flange Hd.	84	1	2
32128–19	Nut – Flange Lock	13	18	2
32128–19	Nut – Lock Flange Hd.	79	3	2
32128–19	Nut – Lock, Flange Hd.	81	5	2
32128–20	Nut – Flange	35	17	9
32128–20	Nut – Lock	34	30	1
32128–20	Nut – Lock	8	36	2
32128–20	Nut – Lock, Flange Head	32	12	1
32128–20	Nut – Lock, Flange Head	74	12	8
32128–21	Nut – Flange Hd.	84	35	1
32128–23	Nut – Flange Hd.	84	42	2
32128–23	Nut – Flange Lock	55	1	2
32128–23	Nut – Flange Lock	58	1	2
32128–23	Nut – Hex. Flange Hd.	82	15	4
32128–25	Nut – Flange Lock	13	14	4
32128–33	Nut – Flange Lock	17	18	4
32128–33	Nut – Flange Lock	59	53	1
32128–33	Nut – Lock	12	10	1
32128–37	Nut – Flange Lock		12	3
32128–37	Nut – Lock, Flange Hd.	33	13	3
32128–43	Nut – Lock, Flange Head	71	1	3
32128–49	Nut – Flange Head	26	28	3
32128–50	Nut – Lock, Flange Hd.	6	9	4
32128–54	Nut – Flange	86	1	2
32128–54	Nut – Flange	79	7	1
32128–54	Nut – Flange	83	12	8
32128–54	Nut – Flange	73	14	1
32128–54	Nut – Flange	84	17	2
32128–55	Nut – Flange	75	8	6
32128–55	Nut – Flange	77	10	6
32128–55	Nut – Lock, Flange Head	76	8	6
32136–2	Nut	84	5	2
32136–13	Nut – Slotted	55	33	2
32136–13	Nut – Slotted	55	38	2
32144–4	Screw – Hex. Hd.	12	34	1
32144–4	Screw – Hex. Washer Hd.	17	12	6
32144–4	Screw – Hex. Washer Hd.	16	14	10
32144–4	Screw – Hex. Washer Hd.	9	28	4
32144–4	Screw – Thread Forming	24	44	4
32144–11	Screw – Hex. Flange Hd.	55	9	2
32144–11	Screw – Hex. Flange Hd.	8	28	4
32144–11	Screw – Hex. Washer Hd.	24	8	2
32144–11	Screw – Hex. Washer Hd.	26	8	5
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.	33	39	2
32144–11	Screw – Hex. Washer Hd.	18	40	2
32144–11	Screw – Hex. Washer Hd.	58	50	2
32144–19	Screw – Hex. Hd.	17	15	2
32144–26	Screw – Hex. Washer Hd.	28	11	2
32144–41	Screw – Hex. Washer Hd.	84	15	6
32144–57	Screw – Hex. Washer Hd.	9	48	2
32144–70	Screw – Hex. Flange Hd.	81	10	1
32144–70	Screw	74	15	2
32144–70	Screw – Hex. Flange Hd.	82	12	3
32148–9	Insert – Threaded	33	6	3
32148–10	Insert – Threaded	53	7	10
32148–10	Insert – Threaded	20	38	3
32148–10	Insert – Threaded	2	60	10
32151–10	Ring – Retaining	55	19	2
32151–62	Ring – Retaining	3	40	1
32151–72	Retainer – Push–On	53	16	2
32151–72	Retainer – Push–On	17	24	2
32151–72	Retainer – Push–in	2	46	2
32151–73	Ring – Clip	28	2	1
32151–88	Ring – Retaining	6	21	2
32151–96	Ring – Retaining	58	30	2
32152–5	Nut – Lock	56	47	2
340–2	Adapter – Straight	85	12	2
340–2	Fitting – Adapter	18	25	1
340–4	Fitting – Hydraulic	32	28	1
340–6	Fitting – Adapter	24	31	1
340–7	Fitting – Hydraulic	32	31	2
340–8	Fitting – Adapter	24	14	1
340–17	Fitting – Hydraulic 90°	24	39	
340–17	Fitting – Hydraulic 90°	32	3	2
340–18	Fitting – Hydraulic 90°	32	37	1
340–55	Fitting – Hydraulic 45°	32	23	1
340–70	Nut – Bulkhead	58	5	3
340–70	Nut – Bulkhead	55	6	2
340–70	Nut – Bulkhead	10	53	3
340–70	Nut – Lock, Bulkhead	85	1	6
340–71	Union – Bulkhead	10	54	1
340–72	Fitting – Hydraulic 90°	53	21	2
340–74	Nut – Bulkhead	58	13	1
340–74	Nut – Bulkhead	53	28	2
340–77	Elbow – Hydraulic 90°	85	16	2
340–77	Fitting – Hydraulic	58	35	1
340–86	Fitting – Hydraulic, Tee	85	15	2
340–87	Fitting – Hydraulic	85	9	3
340–97	Fitting – Hydraulic 90°	55	44	2
340–97	Fitting – Hydraulic 90°	58	48	2
340–99	Fitting – Hydraulic 90°	18	35	1
340–101	Fitting – Hydraulic	3	25	1
340–109	Fitting – Tee	24	42	1
340–115	Fitting – Hydraulic	32	33	2
340–125	Fitting – Hydraulic Tee	68	14	1
340–132	Fitting – Hydraulic 90°	68	13	2
340–138	Fitting – Hydraulic	9	4	3
340–139	Fitting – Hydraulic	24	22	1
340–139	Fitting – Hydraulic 90°	58	24	1
340–140	Fitting – Hydraulic, Tee	68	5	1
340–141	Fitting – Hydraulic	24	29	1
340–147	Fitting – Hydraulic	24	17	1
340–155	Fitting – Hydraulic	3	34	2
340–155	Fitting – Hydraulic 90°	32	13	2
340–157	Fitting – Tee	32	27	1
340–159	Fitting – Hydraulic	9	50	3
340–159	Fitting – Hydraulic 90°	32	40	1
340–165	Fitting – Hydraulic	32	30	1
340–166	Fitting	85	19	1
340–167	Fitting – Hydraulic	3	32	2
353–508	Plug	58	43	1
353–508	Plug Assembly	19	6	3
353–550	Plug (2wd Only)	24	40	1
353–551	Plug	24	9	2
353–551	Plug Assembly	31	22	3
353–947	Cap – Fitting	3	36	2
354–77	Fitting – Test Port	18	30	1
354–78	Connector – Hose	32	35	1
354–79	Cap – Fitting	32	1	2
354–79	Cap – Fitting	24	19	1
354–79	Cap – Fitting	18	29	1
354–87	Fitting – Hydraulic 90°	24	21	1
354–94	Fitting – Barb	20	16	1
354–95	Fitting – Barb	20	14	1
354–103	Male Hose Barb	25	45	1

*Not Illustrated

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