FORM NO. 3316–260 Rev. A

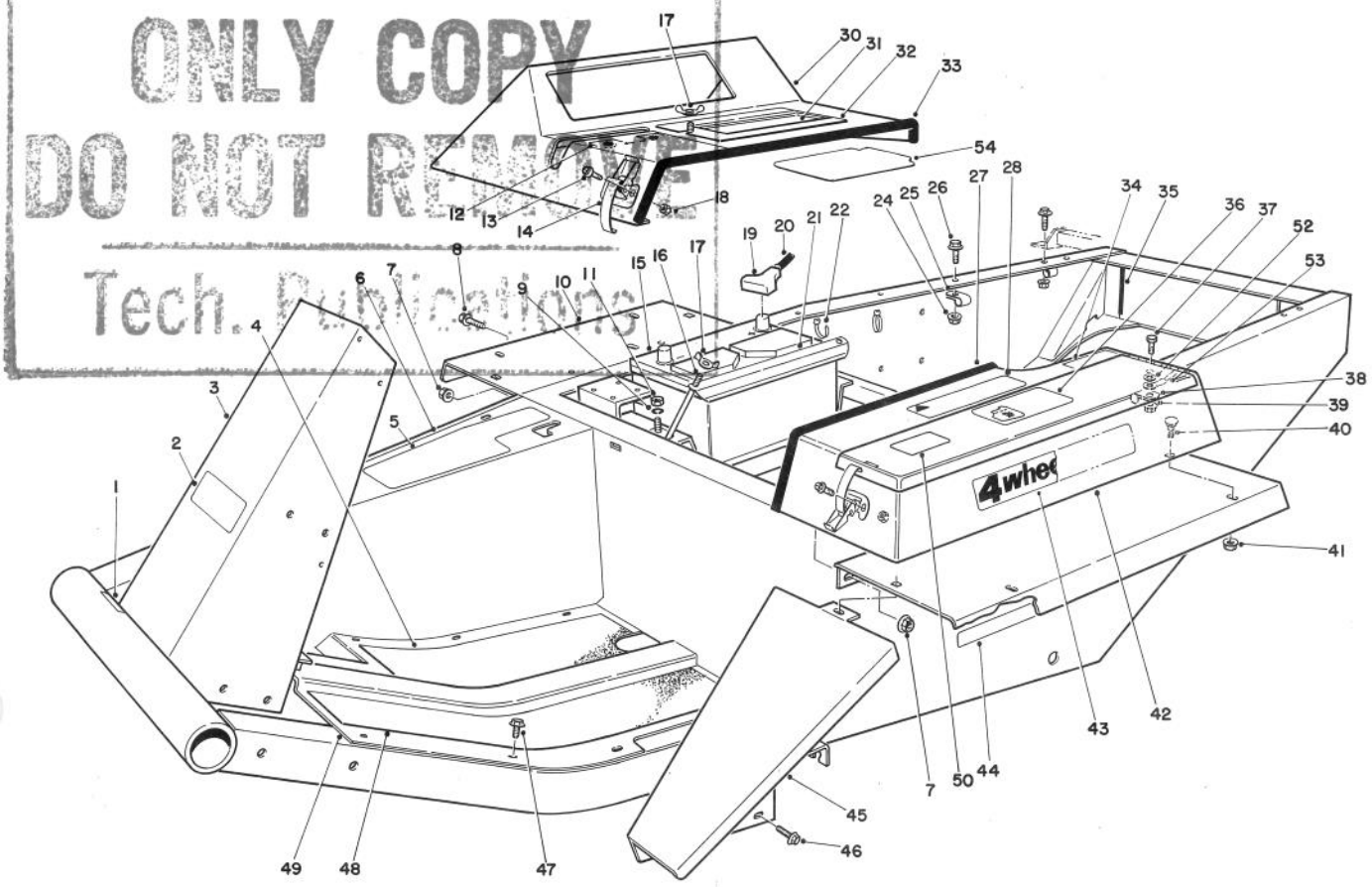
TORO®

MODEL NO. 30795–40273 & UP

PARTS CATALOG

GROUNDSMASTER® 325D 4WD
TRACTION UNIT & ACCESSORIES

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T–0910B

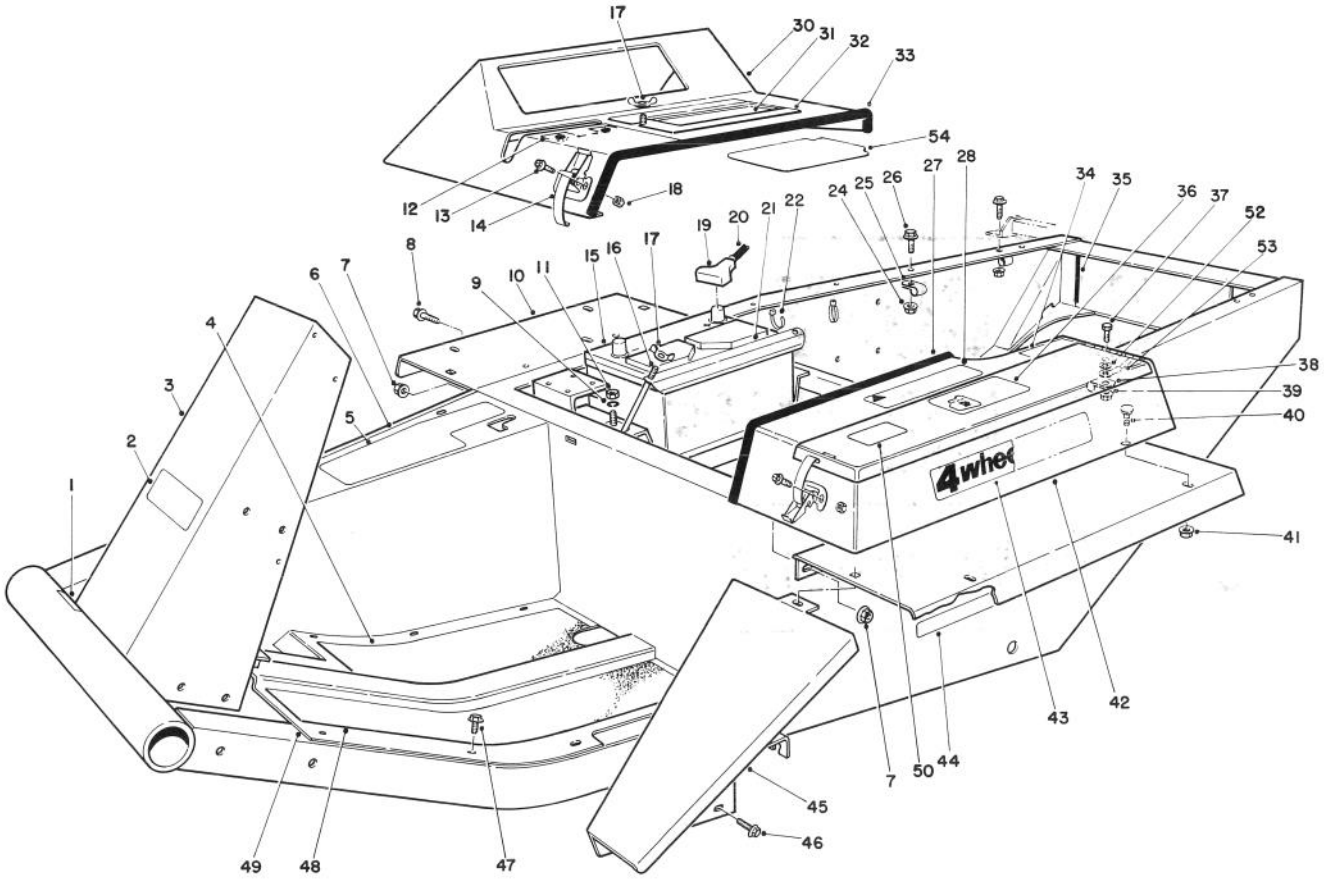
MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27–7320	Decal – Traction Pedal	1
2	70–2200	Decal – Toro	1
†3	82–8980	Frame (Incl. Ref. #7)	1
4	21–2770	Pad – Foot Rest, R.H.	1
5	66–6390	Decal – Caution	1
6	21–2660	Footrest	1
7	32128–21	Nut – Lock, Flange	6
8	3234–12	Screw – Hex. Hd. Flange	4
9	3253–4	Washer – Lock	2
10	72–3690	Fender	2
11	3217–6	Nut	2
12	27–7290	Decal– Power Take Off	1
13	3290–144	Screw – Machine	6
14	249–21	Clamp – Hook	3
15	63–9230	Battery – Type MF214–78	1
16	24–6390	Stud – Battery Hold Down	2

Ref. No.	Part No.	Description	No. Used
17	32103–2	Nut – Wing	3
18	3296–2	Nut – Lock	6
19	28–1280	Boot – Cable	1
20	70–1180	Cable – Battery, Positive (Incl. Ref.#19)	1
21	24–6420	Hold Down – Battery	1
22	3290–378	Tie – Cable	2
24	3290–357	Nut – Lock, Flange	5
25	2412–4	Clamp	3
26	3234–11	Screw – Cap, Locking Fl.	5
27	37–9650	Trim	1
28	67–1710	Decal – Caution	1
30	38–4550	Cover – Instruments	1
31	92–7802	Decal – Instructions, Start.	1
32	92–7800	Cover – Access, Battery (Incl. Ref. #31 & 54)	1
33	39–8020	Trim – Cover, Instruments	1

† Includes Item #27, Page 24

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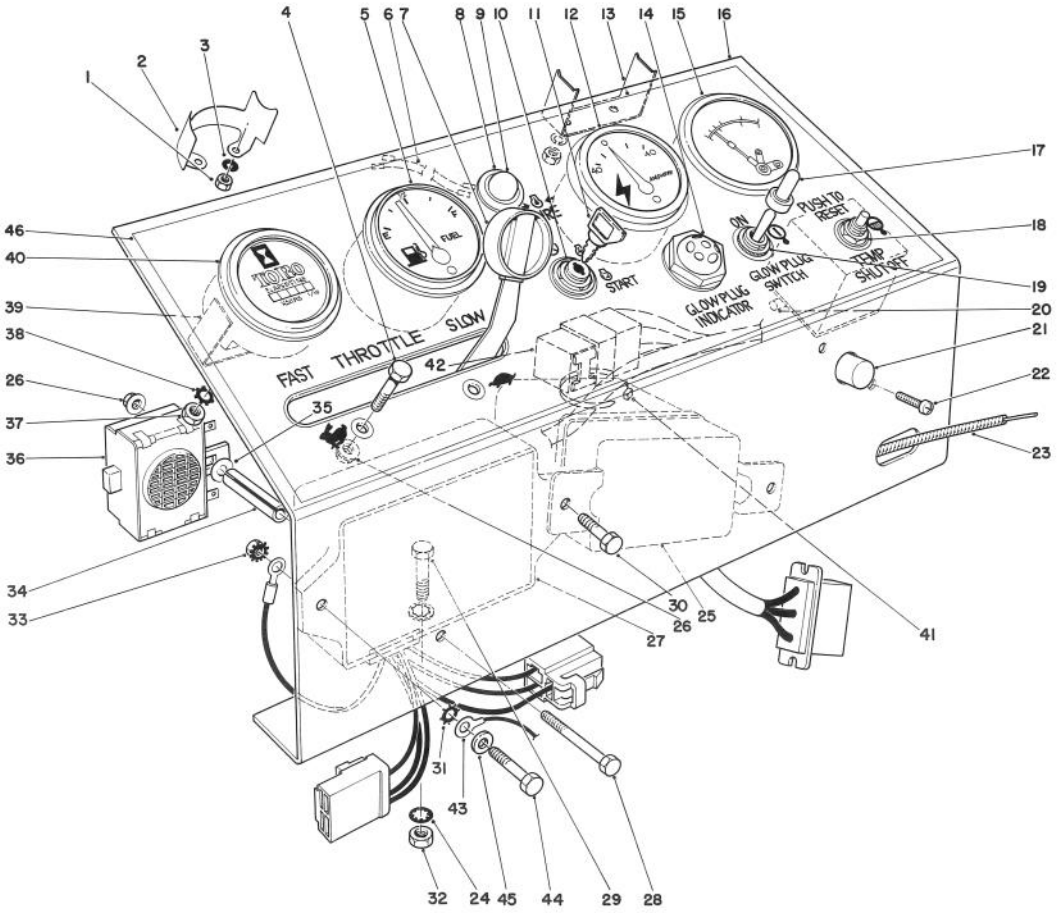


T–0910B

MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
34	49–2280	Decal – Fuel, Diesel	1
35	43–4300	Trim – Frame, Rear	2
36	27–7310	Decal – Refueling	1
37	322–5	Screw – Cap, Hex. Hd.	1
38	2412–74	Clamp	1
39	32128–20	Nut – Lock, Flange	1
40	3229–1	Bolt – Carriage	5
41	32128–33	Nut – Lock, Flange	5
42	38–4530	Tool Box	1
43	72–3560	Decal – 4 WD	2

Ref. No.	Part No.	Description	No. Used
44	67–1720	Decal – Torque	2
45	68–8610	Fender – Extension	1
46	3234–14	Screw – Cap, Hex. Hd.	2
47	32144–10	Screw, Self–Tapping	11
48	21–2760	Pad – Foot Rest L.H.	1
49	88–0070	Plate – Floor	1
50	72–3700	Decal – Caution	2
52	3254–2	Washer – Lock, Int. Tooth	1
53	18–2770	Cable – Ground	1
54	92–7801	Shield – Battery Cover	1



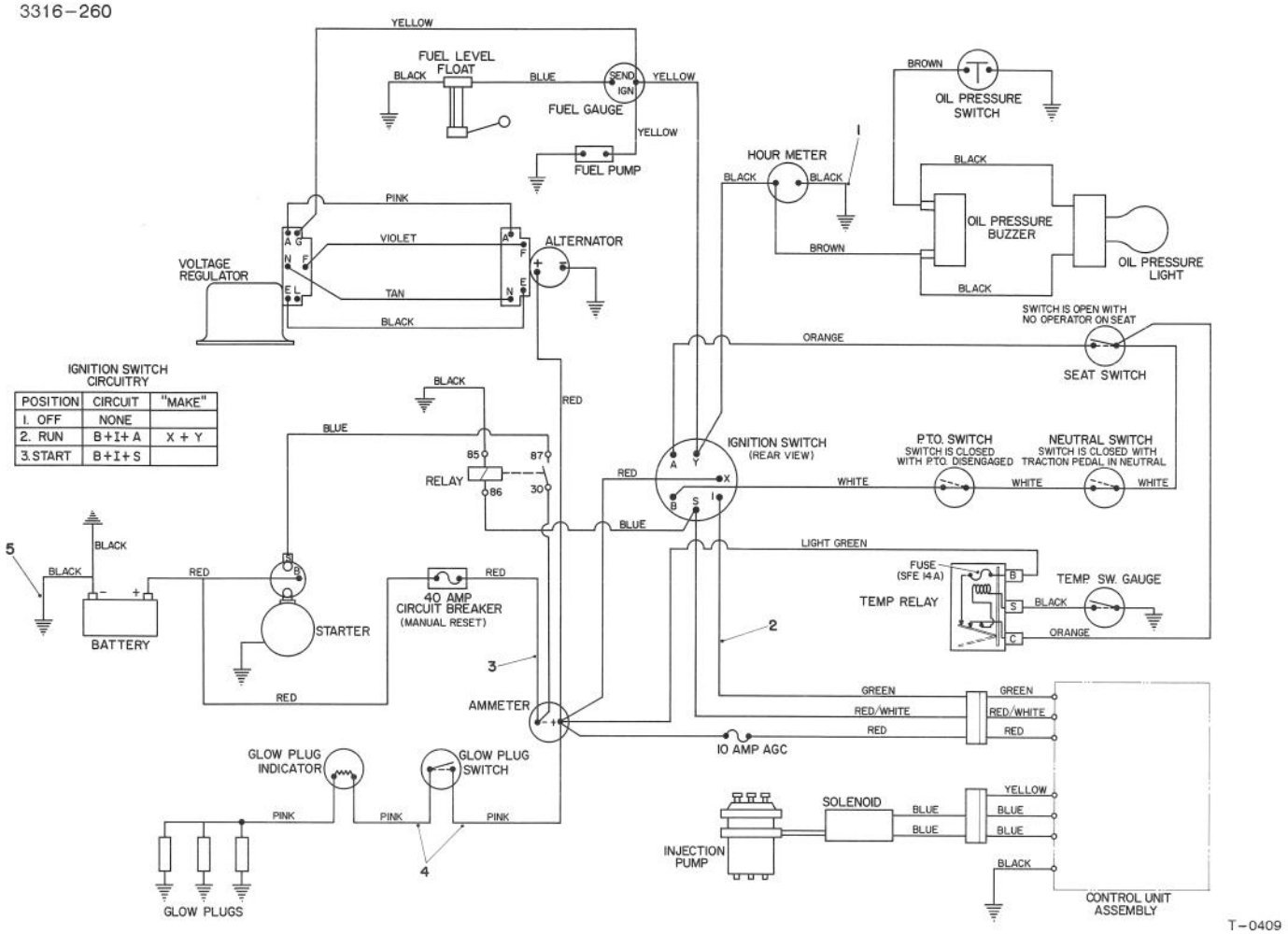
T–0408

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3219–14	Nut	6
2	38–1670	Clamp Mounting	2
3	3253–17	Washer – Lock	6
4	3290–134	Screw – Hex. Hd. Mach.	2
5	38–1650	Fuel Gauge (Incl. Ref. #1–3)	1
6	44–2220	Wire Lead	1
7	233–35	Knob	2
8	44–2210	Warning Light (Inc. Ref. #9)	1
9	218–533	Lens	1
10	27–2360	Key Switch (Incl. Ref. #11)	1
11	63–8360	Key	1
12	38–1660	Ammeter (Inc. Ref. #1–3)	1
13	218–539	Clamp	1
14	42–9190	Glow Lamp	1
15	26–6750	Engine Temperature Gauge (Incl. Ref. #1, 3, & 13)	1
16	43–3970	Panel – Instrument	1
17	218–473	Toggle Switch Boot	1
18	26–6740	Temperature Reset Relay	1
19	6–1659	Toggle Switch (Inc. Ref. #17)	1
†20		Fuse – Temp. Relay 14 Amp. SFE	1
21	43–4000	Circuit Breaker	1

Ref. No.	Part No.	Description	No. Used
22	3250–17	Screw – Pan Hd.	2
23	43–3990	Throttle Control (Incl. Ref. #7)	1
24	3254–2	Washer – Lock, Int. Tooth	6
25	43–0410	Regulator Assembly	1
26	3296–12	Nut – Lock	3
27	43–1880	Control Unit Assembly	1
28	3290–424	Screw – Hex. Hd. Mach.	1
29	322–5	Screw – Cap, Hex. Hd.	2
30	321–4	Screw – Cap, Hex. Hd.	2
31	3255–7	Washer – Lock, Ext. Tooth	3
32	3217–6	Nut – Hex	2
33	32149–2	Nut – Lock	3
34	43–3820	Spacer	1
35	3256–14	Washer – Flat	1
36	22–7820	Buzzer Assembly	1
37	3217–26	Nut	1
38	3255–5	Washer – Lock	1
39	218–515	Mounting Bracket	1
40	12–9990	Hour Meter (Incl. Ref. #37–39)	1
41	3290–379	Cable Tie	1
42	63–7590	Relay	1
43	70–1190	Cable – Ground	1
44	321–6	Screw – Cap, Hex. Hd.	1
45	3256–1	Washer – Flat	1
46	43–3980	Decal – Panel, Instrument	1

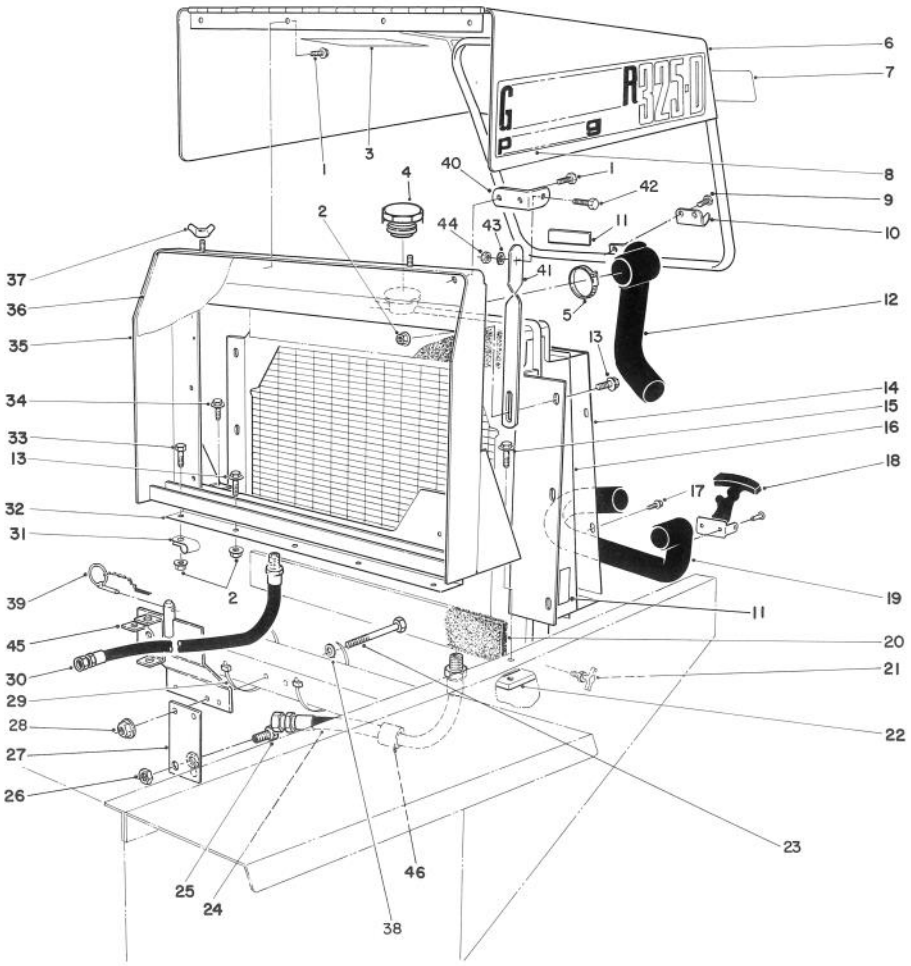
†Obtain Locally



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	92–7827	Wire – Hour Meter Ground	1
2	88–1790	Wire Harness Assembly	1
3	43–4040	Wire Assembly	1

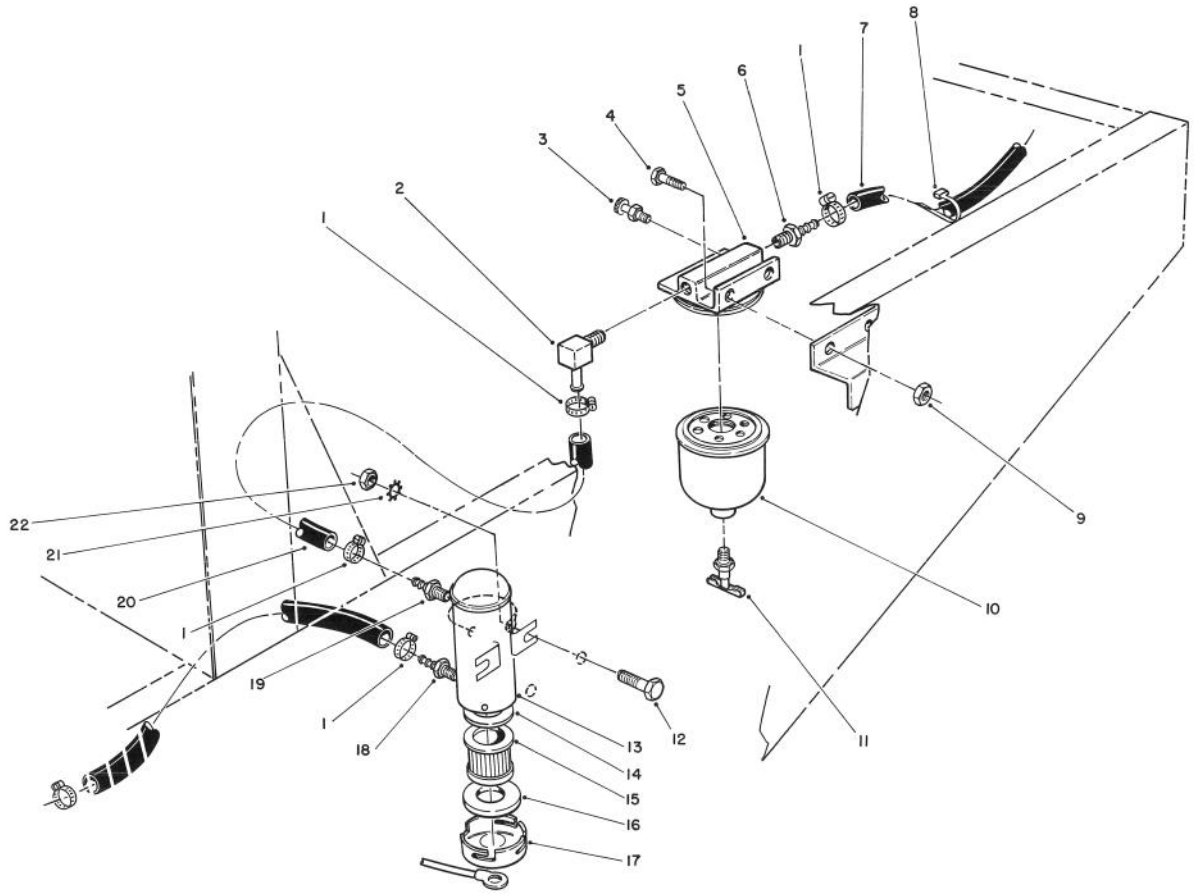
Ref. No.	Part No.	Description	No. Used
4	43–4010	Wire Assembly	2
5	70–1190	Ground Cable	1



T-0410B

RADIATOR & HOOD ASSEMBLY

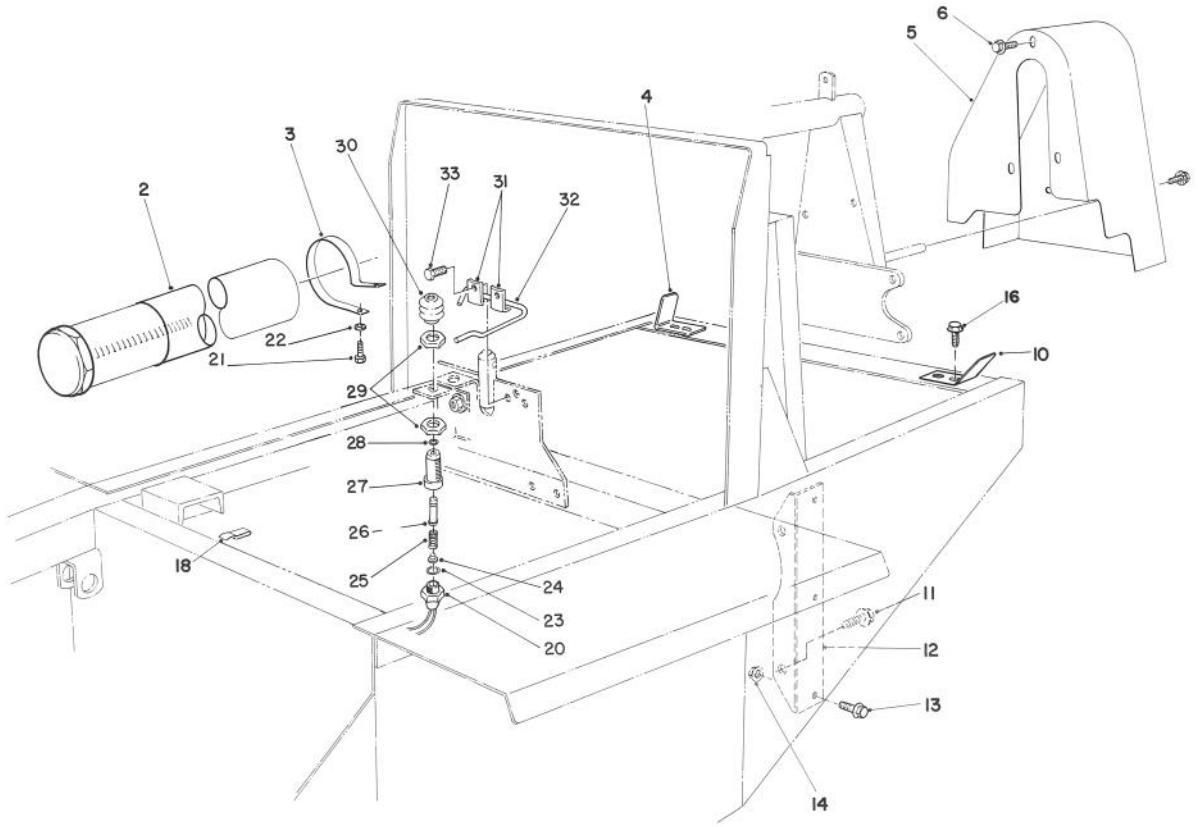
Ref. No.	Part No.	Description	No. Used
1	32144-10	Screw - Self-Tapping	5
2	32128-20	Nut - Hex. Hd. Flange	11
3	82-8970	Decal - Engine Coolant	1
4	66-3240	Radiator Cap Assy.	1
5	2412-3	Hose Clamp	4
6	14-8459	Hood	1
7	66-6140	Decal - Toro	1
8	84-8610	Decal - 325-D	2
9	3290-271	Rivet	4
10	249-40	Keeper	1
11	77-3100	Decal -Warning	3
12	43-3350	Hose - Upper, Radiator	1
13	3234-14	Screw - Hex, Flange Hd.	11
14	43-3330	Radiator Shroud	1
15	3234-1	Screw - Cap, Locking Hex. Flange Hd.	2
16	33-2570	Radiator Assembly	1
17	32104-116	Screw -Self Tapping	8
18	249-39	Flexible Draw Latch	1
19	43-7020	Hose - Lower, Radiator	1
20	43-3320	Foam - Radiator	2
21	304-46	Drain Cock	1
22	38-4600	Bar - Frame L.H.	1
23	323-14	Screw - Cap, Hex. Hd.	3
24	63-9010	Hose Assembly (Cooler to Pump)	1
25	340-71	Union - Bulkhead	2
26	340-70	Nut - Lock, Bulkhead	2
27	68-9160	Bracket	1
28	32128-21	Nut - Flange Hd.	3
29	3290-379	Cable Tie	4
30	63-8960	Hose Assembly (Valve to Cooler)	1
31	2412-39	Clamp	1
32	43-3340	Grille - Sealing Plate	1
33	322-6	Screw - Cap, Hex. Hd.	1
34	11-0590	Screw - Cap, Self Tapping	2
35	88-1820	Radiator Support	1
36	67-9030	Grille	1
37	32103-2	Nut - Wing	2
38	5-0838	Washer - Flat	3
39	283-76	Pin - Lynch	1
40	84-5330	Bracket - Hood Prop	1
41	84-5380	Strap - Hood Prop	1
42	321-6	Screw - Cap Hex. Hd.	1
43	3256-22	Washer - Flat	1
44	3296-16	Nut - Lock	1
45	86-9410	Support - Seat	1
46	38-3400	Guard - Rubber	1



FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412–108	Hose Clamp	5
2	304–96	90° Hose Barb	1
3	63–8290	Vent	1
4	321–4	Screw – Cap, Hex. Hd.	2
5	63–8280	Head Assembly	1
6	353–975	Hose Barb	1
7	63–9720	Hose	1
8	3290–378	Cable Tie	A/R
9	32149–2	Nut	2
10	63–8300	Element – Fuel Filter (Incl. Ref. #11)	1
11	63–8310	Drain Valve	1

Ref. No.	Part No.	Description	No. Used
12	321–6	Screw – Cap, Hex. Hd.	2
13	53–8150	Pump Assy. Fuel, Electric (Incl. Ref. #14–17)	1
14	43–2570	Gasket	1
15	43–2550	Filter	1
16	43–2560	Gasket	1
17	43–2580	Magnet	1
18	353–702	Hose Barb	1
19	304–73	Hose Barb	1
20	63–9650	Hose	1
21	3255–7	Washer – Lock, Ext. Tooth	2
22	32149–2	Nut	2



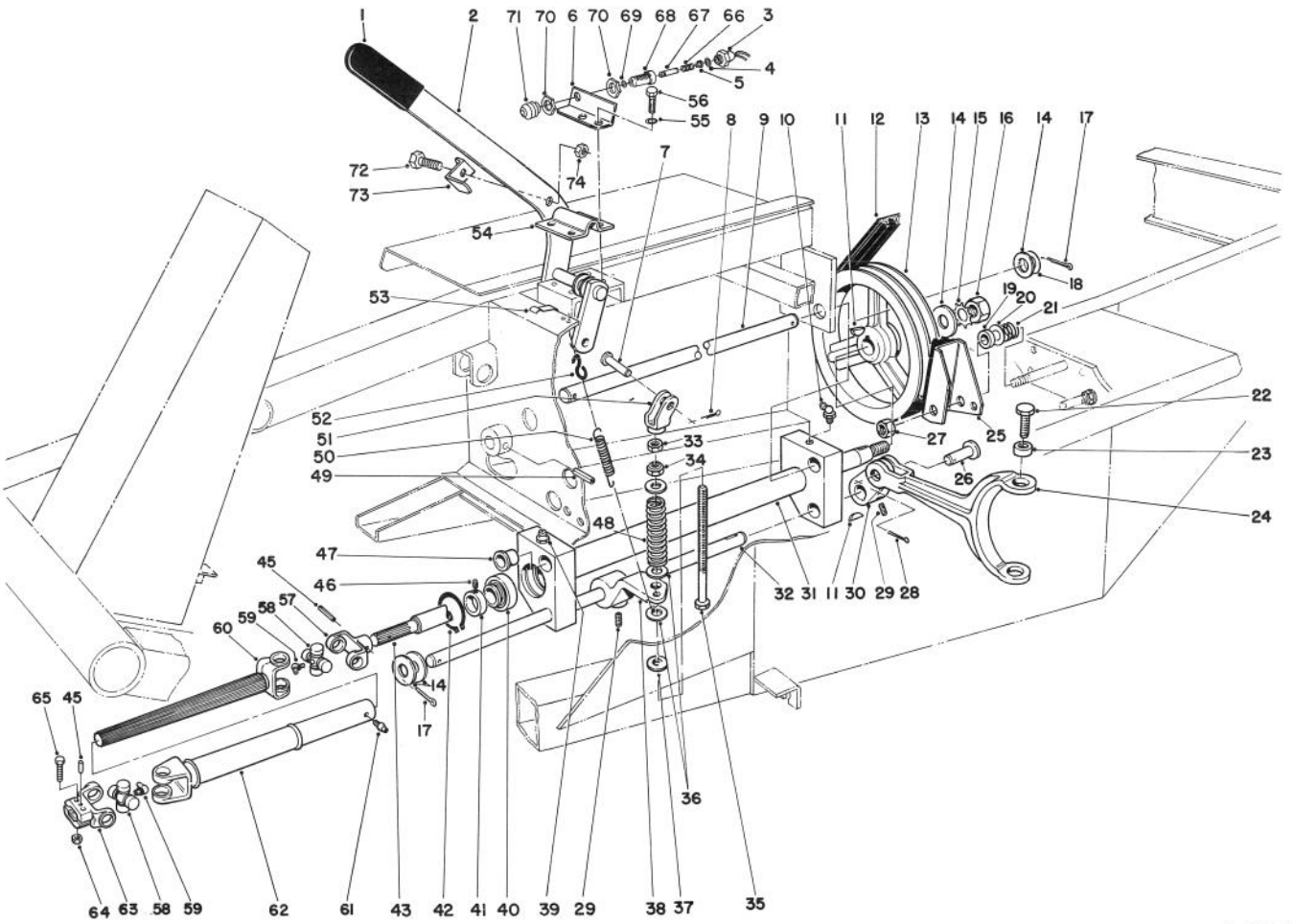
T–0412

INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	74–0720	Tube – Manual	1
3	2412–133	R–Clamp	2
4	62–3010	Bracket, R.H.	1
5	43–3900	Guard – Fan Belt	1
6	3234–14	Screw – Cap, Hex. Hd.	5
9	3256–23	Washer – Flat	1
10	62–3020	Bracket, L.H.	1
11	3234–32	Screw – w/Locking Flange	2
12	67–8190	Bracket – Engine Support	2
13	3234–11	Screw w/Locking Flange	6
14	3290–357	Nut – Lock, Flange	6
16	3234–17	Screw – Cap, Hex. Hd.	4
17	27–9810	Seat Pivot	1
18	212–93	Wire Clip	2
20	72–4320	Switch – Ball	1
21	322–2	Screw – Cap, Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
22	3256–23	Washer – Flat	2
23	237–30	Seal – O–Ring	1
24	43–8610	Guide – Spring & Ball Seat	1
25	43–8600	Spring – Compression	1
26	43–8860	Plunger – Switch	1
27	43–8620	Guide – Switch Pin	1
28	237–7	Seal – O–Ring	1
29	218–461	Nut – Jam	1
30	43–8870	Boot – Switch	1
31	3–6657	Clip	2
32	86–7040	Rod – Seat Prop	1
33	32144–10	Screw – Hex. Hd. Self Tap	2
*	43–9071	Assembly – Switch (Incl. Ref. #20, 23–30: Qty. 1 of #29 Required)	1

*Not Illustrated

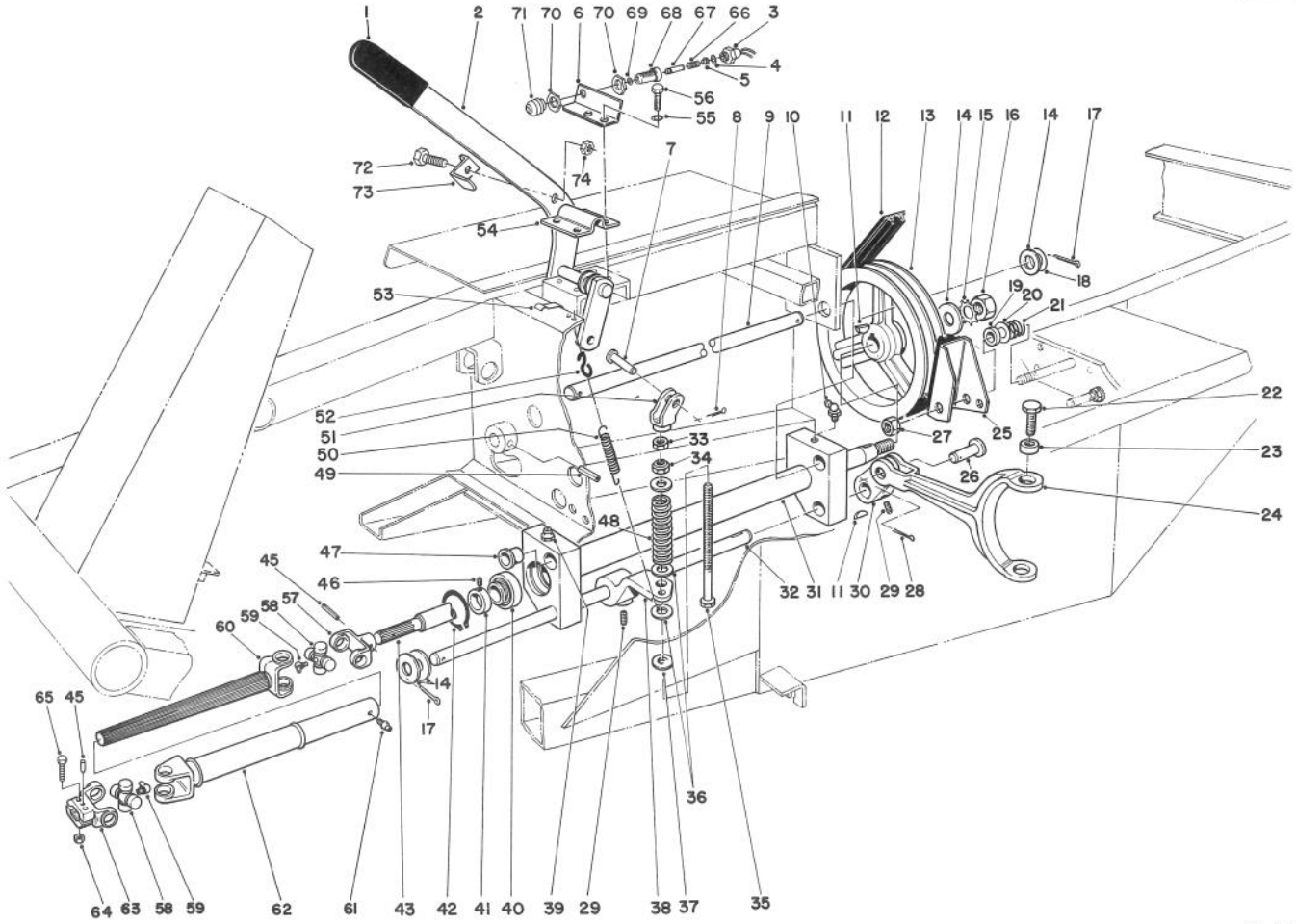


T-0413A

POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	21-1880	Grip Handle	1
2	84-8500	Lever - P.T.O.	1
3	72-4320	Switch - Ball	1
4	237-30	Seal - O-Ring	1
5	43-8610	Guide - Spring & Ball Seat	1
6	84-8520	Bracket - P.T.O. Switch	1
7	283-42	Clevis Pin	1
8	3272-10	Cotter Pin	1
9	43-3860	Shaft - Pivot P.T.O.	1
10	302-10	Fitting - Grease	1
11	3257-5	Key - Woodruff	3
12	53-9660	V-Belt Torque Team	1
13	21-0230	Pulley - P.T.O.	1
14	3256-28	Washer - Flat	4
15	3254-7	Washer - Lock	1
16	3219-7	Nut - Hex.	1
17	3272-22	Pin - Cotter	2
18	3-6498	Washer	A/R
19	3-8812	Spacer	1
20	3256-6	Washer - Flat	1
21	5-1747	Spring	1
22	92-5727	Screw - Cap, Hex. Hd.	2
23	92-5723	Bushing - P.T.O. Fork	2
24	92-4060	Fork P.T.O.	1
25	27-7370	Brake Assembly P.T.O.	1
26	283-74	Clevis Pin	1

Ref. No.	Part No.	Description	No. Used
27	3296-28	Nut - Lock	1
28	3272-11	Pin - Cotter	1
29	3246-3	Screw - Set	4
30	92-4058	Arm - P.T.O.	1
31	43-5500	Pivot P.T.O.	1
32	43-5550	Shaft - P.T.O. Actuator	1
33	3219-3	Nut	1
34	3296-6	Nut - Lock	1
35	27-7900	Screw - Adjusting	1
36	3256-41	Washer - Flat	4
37	5-0652	Spacer	1
38	43-5570	Arm - P.T.O. Actuator	1
39	302-2	Grease Fitting	1
40	251-252	Ball Bearing (Incl. Ref. #41)	2
41	251-234	Lock Collar (Incl. Ref. #46)	2
42	32120-22	Ring - Retaining	2
43	43-5540	Shaft - P.T.O.	1
44	62-4260	Drive Shaft Assembly	1
45	32121-34	Pin - Roll	2
46	3245-1	Screw - Set	2
48	21-0400	Spring - Compression	1
49	32121-9	Pin - Roll	1
50	21-1830	Spring - Tension	1
51	43-5630	Yoke - P.T.O.	1



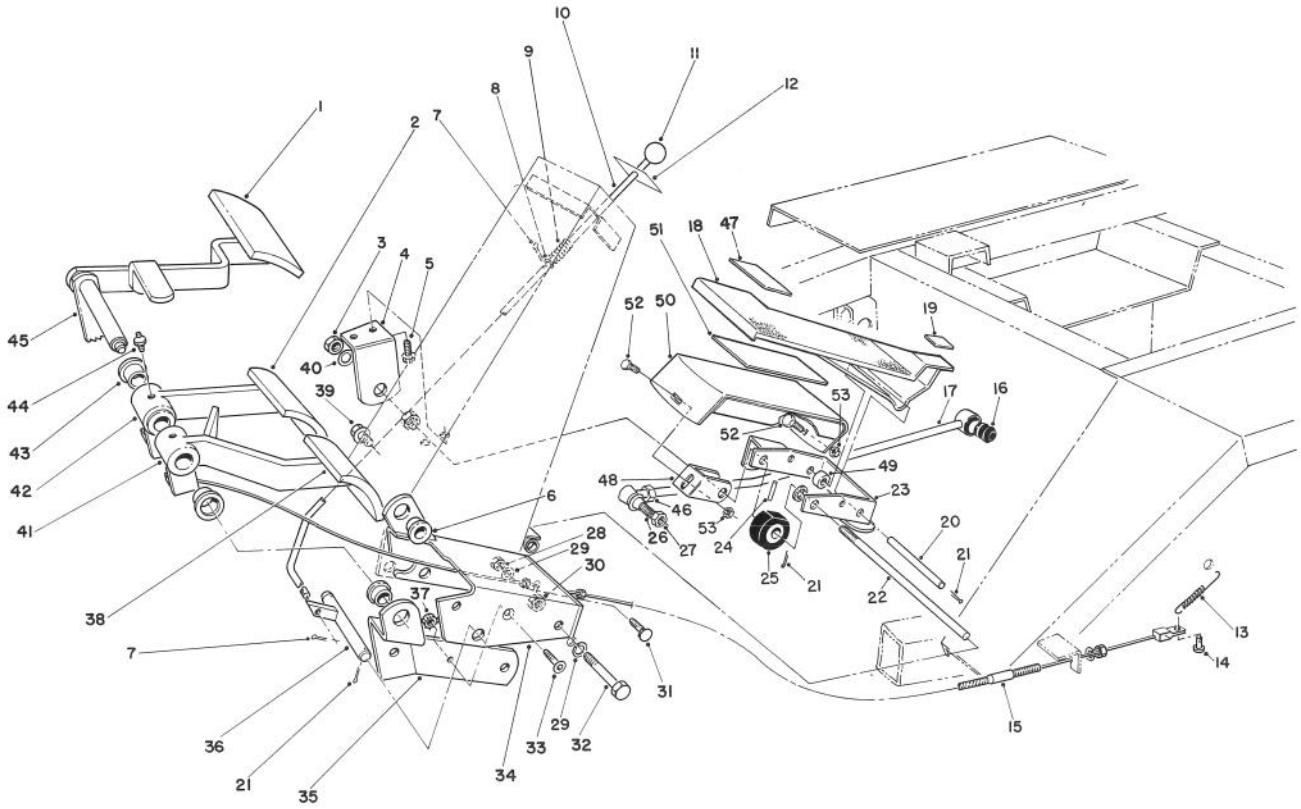
T–0413A

POWER TAKE OFF ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	5–0701	Spring Anchor	1
53	212–93	Wire Clip	1
54	21–1600	Clamp P.T.O. Lever	1
55	3253–21	Washer – Lock	4
56	32104–6	Screw – Hex. Hd. Tapping	4
57	62–3800	Yoke – End	1
58	54–9180	Kit – U–Joint	2
59	62–3820	Fitting – Grease	2
60	62–3290	Shaft – Slip Yoke	1
61	302–58	Fitting – Grease	1
62	62–3790	Tube – Slip Yoke	1
63	54–9040	Yoke – End (Split)	1
64	3296–29	Nut – Lock	2
65	322–9	Screw – Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
66	43–8600	Spring – Compression	1
67	43–8860	Plunger – Switch	1
68	43–8620	Guide – Switch Pin	1
69	237–7	Seal – O–Ring	1
70	218–461	Nut – Jam	2
71	43–8870	Boot – Switch	1
72	321–4	Screw – Cap Hex. Hd.	1
73	86–7050	Bracket – Switch Actuator	1
74	3296–16	Nut – Lock	1
*	84–4890	Assembly – Drive Shaft (Incl. Ref. #57–63)	1
*	43–9071	Assembly – Switch (Incl. Ref. #3–5, 66–71: Qty. 1 of #70 Required)	1

*Not Illustrated



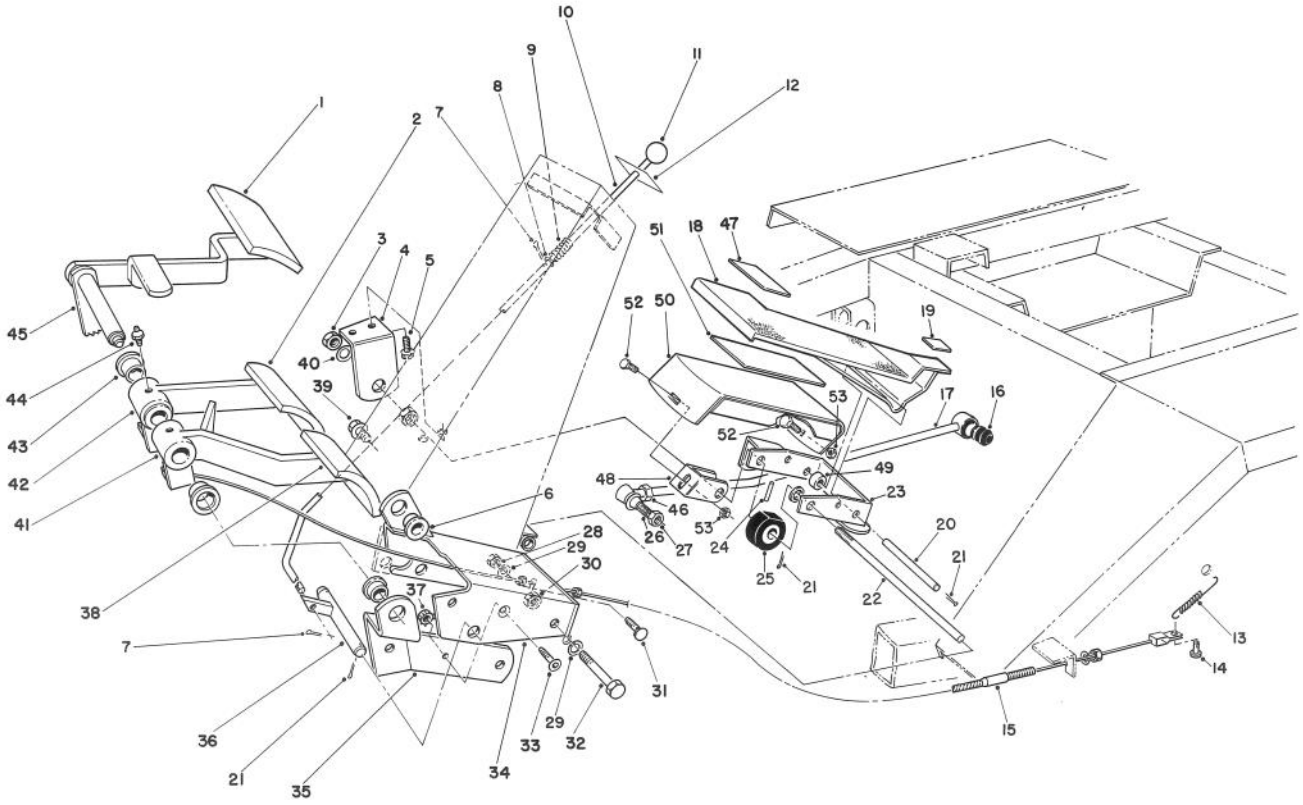
T-0415A

BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-3900	Pad - Brake	1
2	27-7580	Pad - Right Turn	1
3	3218-5	Nut - Jam	2
4	21-2850	Mount - R.H. Pedal	1
5	11-0590	Screw - Hex. Hd. Tapping	2
6	256-156	Bushing	5
7	3272-5	Pin - Cotter	3
8	3256-22	Washer - Flat	1
9	3-3251	Spring - Compression	1
10	82-8670	Rod - Brake Latch	1
11	233-17	Knob	1
12	82-8930	Decal - Parking Brake	1
13	3-7243	Spring - Extension	2
14	283-58	Pin - Clevis	2
15	21-3380	Cable - L.H. Brake	1
*	21-3370	Cable - R.H. Brake	1
16	23-2270	Bushing - Rubber	1
17	23-2240	Rod - Pump Control	1
18	88-0530	Pedal - Traction	1
19	88-1740	Pad - Rear Pedal	1
20	88-1640	Pin - Traction Pedal	1
21	3272-6	Pin - Cotter	6
22	88-1650	Shaft - Traction Pedal	1
23	88-1670	Bracket - Pivot (Inc. Ref. #6)	1
24	32121-6	Pin - Roll	1

Ref. No.	Part No.	Description	No. Used
25	28-5220	Wheel - Friction	1
26	21-0141	Socket Assembly R.H.	1
27	3220-3	Nut - Jam	1
28	3217-7	Nut - Hex	2
29	3253-21	Washer - Lock	4
30	32153-2	Nut - Lock	2
31	3231-21	Bolt - Carriage	2
32	323-13	Screw - Cap, Hex. Hd.	2
33	3274-47	Screw - Flat Hd. Socket	1
34	27-7590	Mount - Brake	1
35	27-9270	Mount - Brake Pivot Shaft	1
36	27-7640	Shaft - Brake Latch	1
37	32149-2	Nut	1
38	27-7570	Pad - Left Turn	1
39	3234-11	Screw - Cap, Hex. Hd .	3
40	3256-26	Washer - Flat	1
41	27-7490	Pedal - L.H. Brake (Incl. Ref. #43)	1
42	27-7510	Pedal - R.H. Brake (Incl. Ref. #43)	1
43	256-10	Bushing	4
44	302-5	Fitting - Grease	2
45	27-8550	Pedal - Parking Bake	1
46	3220-5	Nut - Jam	1
47	88-1730	Pad - Front Pedal	1
48	88-1680	Bracket - Footrest	1

*Not Illustrated



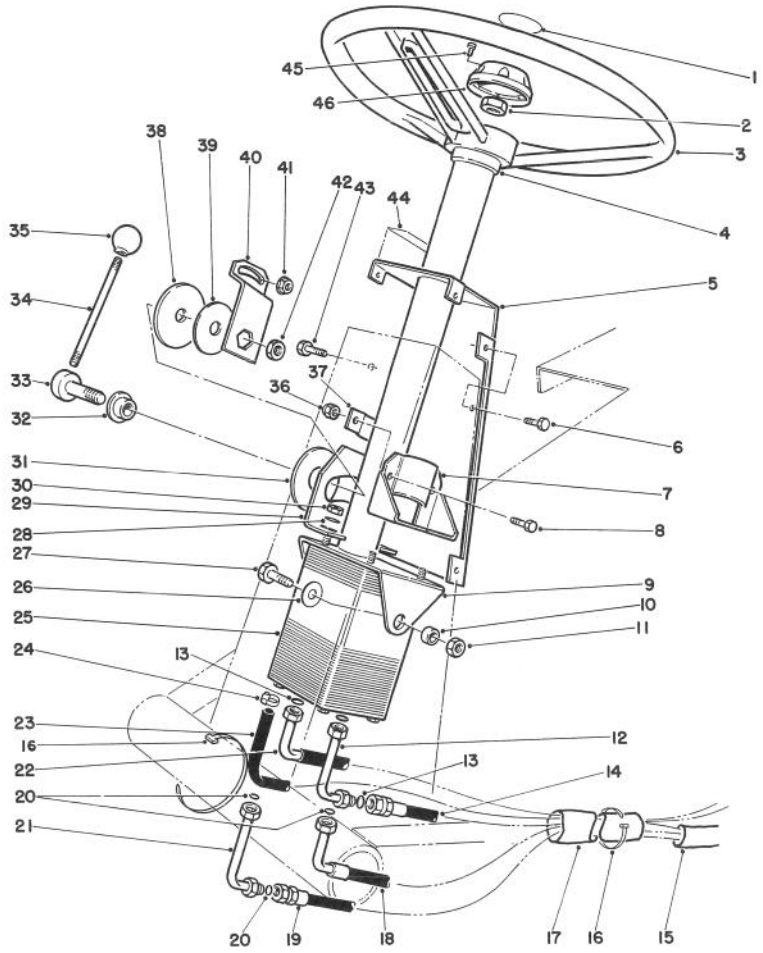
T-0415A

BRAKE PEDAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
49	88-0470	Tube - Pedal Spacer	1
50	88-1710	Footrest	1
51	88-1720	Pad - Footrest	1

Ref. No.	Part No.	Description	No. Used
52	3230-1	Bolt - Carriage	2
53	32128-25	Nut - Flange Lock	2

*Not Illustrated

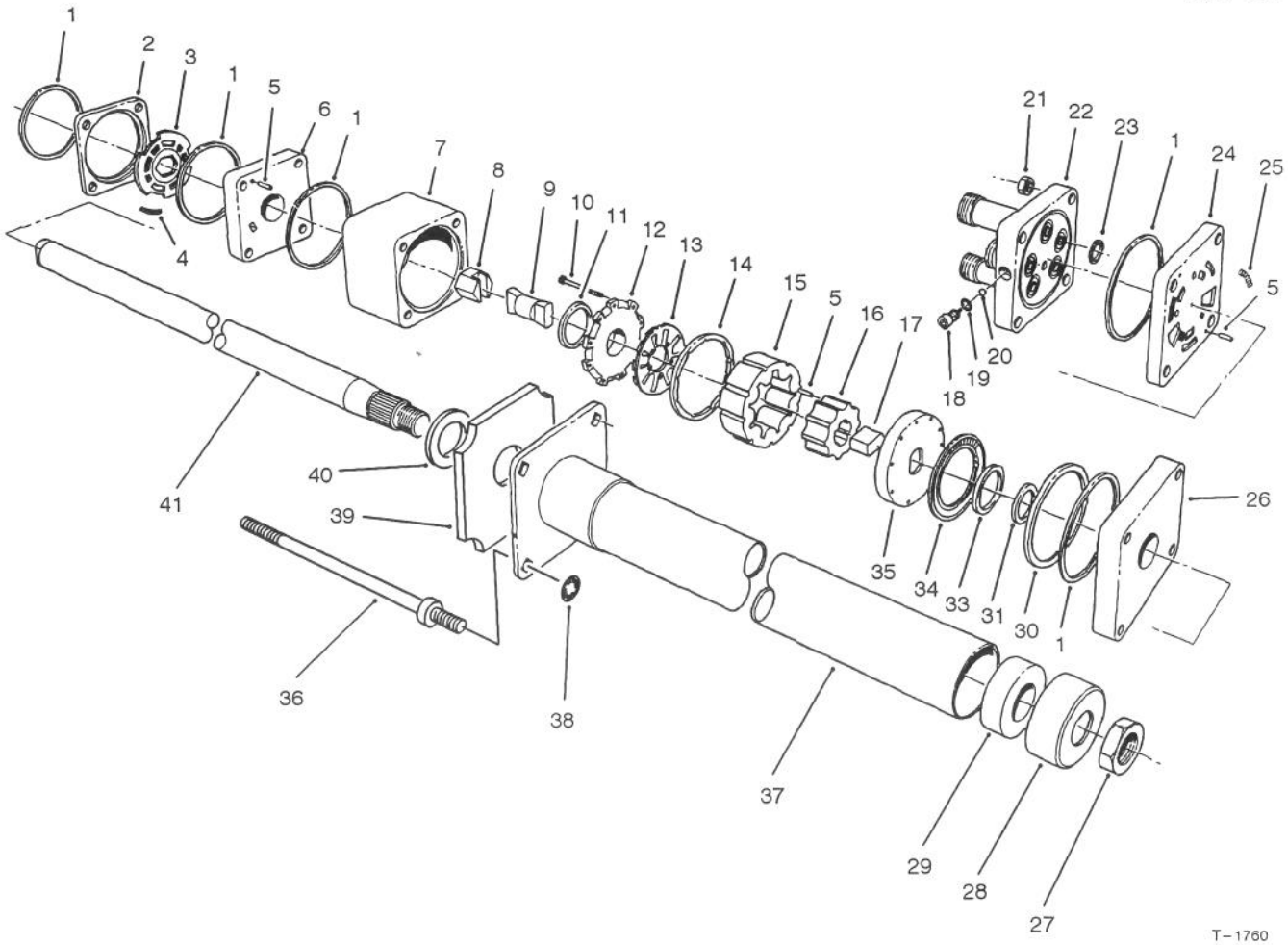


T–1187A

POWER STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68–5370	Decal – Toro	1
2	66–9760	Nut – Hex.	1
3	75–0560	Wheel – Steering (Incl. Ref. #45–46)	1
4	21–9260	Cover – Dust	1
5	82–8660	Cover – Tower	1
6	32144–10	Screw – Hex. Hd. Self Tap	6
7	67–8690	Support – Column	1
8	3234–17	Screw – Cap, Hex. Hd.	2
9	77–3120	Bracket – Mount, Column	1
10	80–2960	Spacer – Tower	2
11	32153–2	Nut – Hex.	2
12	82–8760	Elbow	1
13	237–30	O–Ring	3
14	63–8970	Hose – Trans. to Steering	1
15	70–1390	Sleeve – Protective	1
16	3290–379	Tie – Cable	3
17	70–1380	Sleeve – Protective	1
18	68–9730	Hose – Steering to Cylinder	1
19	68–9720	Hose – Cylinder to Steering	1
20	237–22	O–Ring	3
21	82–8770	Elbow	1
22	63–8980	Hose – Aux. to Valve	1
23	63–8990	Hose	1

Ref. No.	Part No.	Description	No. Used
24	2412–36	Clamp	2
25	92–7308	Valve – Steering, Power	1
26	3256–46	Washer – Flat	2
27	323–6	Screw – Cap, Hex. Hd.	2
28	3256–3	Washer – Flat	4
29	80–2940	Plate – Pivot	1
30	3296–20	Nut – Lock	4
31	31–0390	Disc – Friction	1
32	80–2980	Boss – Pin	1
33	80–2970	Pin – Steering, Tilt	1
34	80–2890	Handle – Steering, Tilt	1
35	233–21	Knob – Handle	1
36	3296–29	Nut – Lock	2
37	82–8650	Clamp – Half	1
38	82–9010	Disc – Friction	1
39	80–2930	Washer	1
40	80–2880	Bracket – Steering, Tilt	1
41	32128–20	Nut – Flange	1
42	3218–7	Nut – Jam	1
43	322–4	Screw – Cap, Hex. Hd.	1
44	82–8940	Decal – Steering, Tilt	1
45	32144–21	Screw	1
46	68–5140	Cap – Wheel, Steering	1



POWER STEERING VALVE ASSEMBLY NO. 92–7308

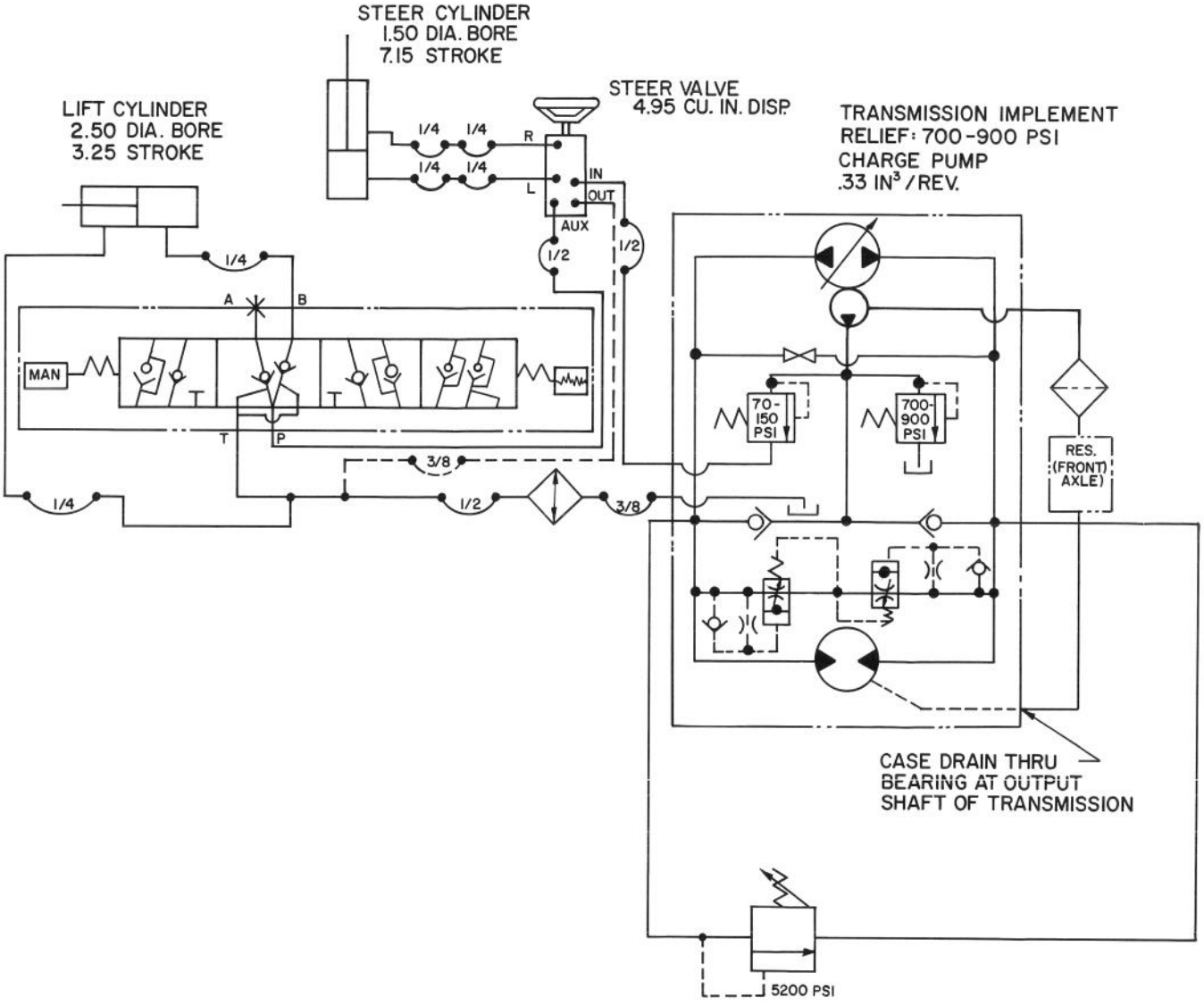
Ref. No.	Part No.	Description	No. Used
1		Ring – Seal	5
2		Ring – Valve	1
3		Plate – Valve	1
4		Spring	3
5		Pin – Alignment	9
6		Manifold – Isolation	1
7		Ring – Metering	1
8		Hex Drive Assy.	1
9		Link – Drive	1
10		Screw – Hex. Hd. Socket	11
11		Seal – Commutator	1
12		Cover – Commutator	1
13		Commutator	1
14		Ring – Commutator	1
15		Stator	1
16		Rotor	1
17		Spacer – Drive Link	1
18		Plug	1
19		O–Ring	1
20		Ball	1
21		Nut – Hex	4
22		Cover – Port	1
23		O–Ring	5
24		Manifold – Port	1
25		Spring	3

Ref. No.	Part No.	Description	No. Used
26		Plate – Upper Cover	1
27	3220–6	Nut	1
28	92–7315	Seal	1
29		Bearing	1
30		Spacer – Thrust Bearing	1
31		Spacer – Seal	1
33		Seal—Face	1
34		Bearing – Thrust	1
35		Plate – Drive	1
36	92–7310	Bolt – Special	4
37		Upper Cover & Jacket	1
38	92–7316	Nut – Push On	4
39	92–7317	Foam	1
40		Washer – Retaining	1
41		Shaft – Input	1
*	66–9970	Spring Kit (Incl. Ref. #4 & 25)	1
*	66–9980	Seal Kit (Incl. Ref. #1, 11, 19, 23 & 33)	1
*	66–9990	Needle Roller Kit (Incl. Ref. #5)	1
*	92–7314	Assembly – Column (Incl. Ref. #27–29 & 37–41)	1

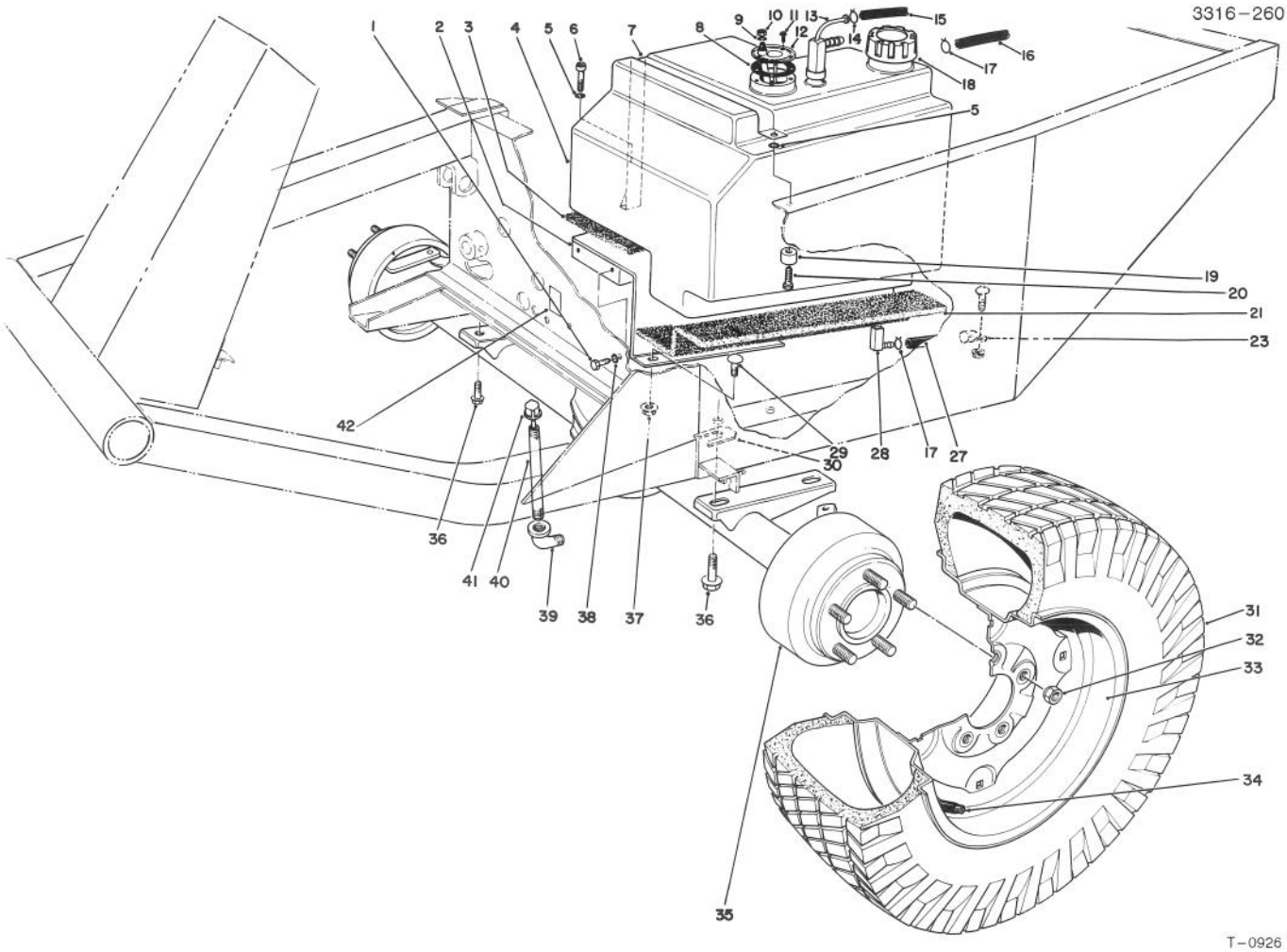
*Not Illustrated

HYDRAULIC SCHEMATIC

HYDRAULIC SCHEMATIC



T-0929

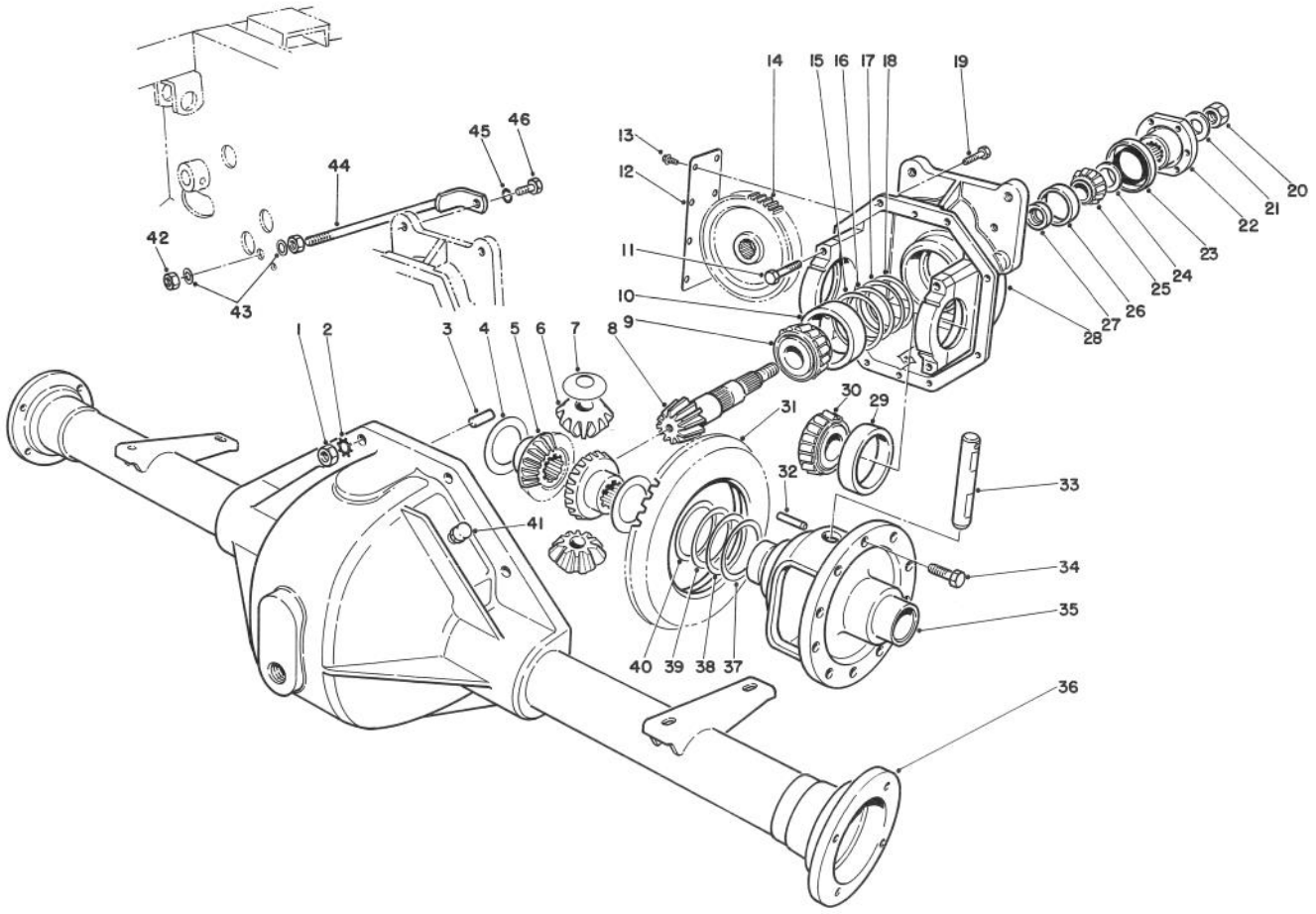


FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32104-6	Screw – Self Tapping	2
2	68-9760	Fuel Tank Base	1
3	21-3600	Foam – Tank Support	1
4	43-4150	Fuel Tank (Incl. Ref. #13 & 14)	1
5	3253-3	Washer – Lock	2
6	32104-96	Screw – Cap, Hex. Hd.	1
7	37-9550	Strap – Fuel Tank	1
8	62-7650	Gasket	1
9	3253-17	Washer – Lock	1
10	3219-14	Nut	1
11	32144-53	Screw – Thread Forming	5
12	62-6840	Sender – Fuel Level	1
13	43-4160	Fitting – Return & Vent	1
14	2412-79	Clamp	1
15	43-4230	Hose – Return	1
16	43-5690	Hose – Vent, Fuel Tank	1
17	2412-6	Clamp	2
18	55-3572	Fuel Cap	1
19	22-7810	Spacer	1
20	321-6	Screw – Cap, Hex. Hd.	1
21	21-3610	Foam – Tank Support	1
23	2412-4	Clamp	1
27	63-9640	Hose – Fuel	1

Ref. No.	Part No.	Description	No. Used
28	43-4190	Fitting Assembly	1
29	3230-2	Bolt – Carriage	3
30	42-6080	Shim – Axle	A/R
31	231-101	Tire	2
*	231-95	Tire – 23x10.5x12 (Optional)	2
32	23-7270	Nut – Wheel	10
33	217-117	Rim	2
*	217-116	Rim – 23x10.5x12 (Optional)	2
34	232-31	Valve Stem w/Cap	2
*	232-27	Valve Stem (For 23x10.5x12 Rim Opt.)	1
35	86-9630	Front Axle Assembly	1
36	32144-67	Screw – Cap, Self Tap	4
37	32128-20	Nut – Flange	3
38	3253-21	Washer – Lock	2
39	2811-9	Street Elbow	1
40	289-37	Nipple – Pipe	1
41	23-5180	Dipstick	1
42	53-4430	Decal – Oil	1
*	231-90	Tube – Inner	2
*	62-7050	23x10.5x12 Tire Assembly (Optional)	2

*Not Illustrated

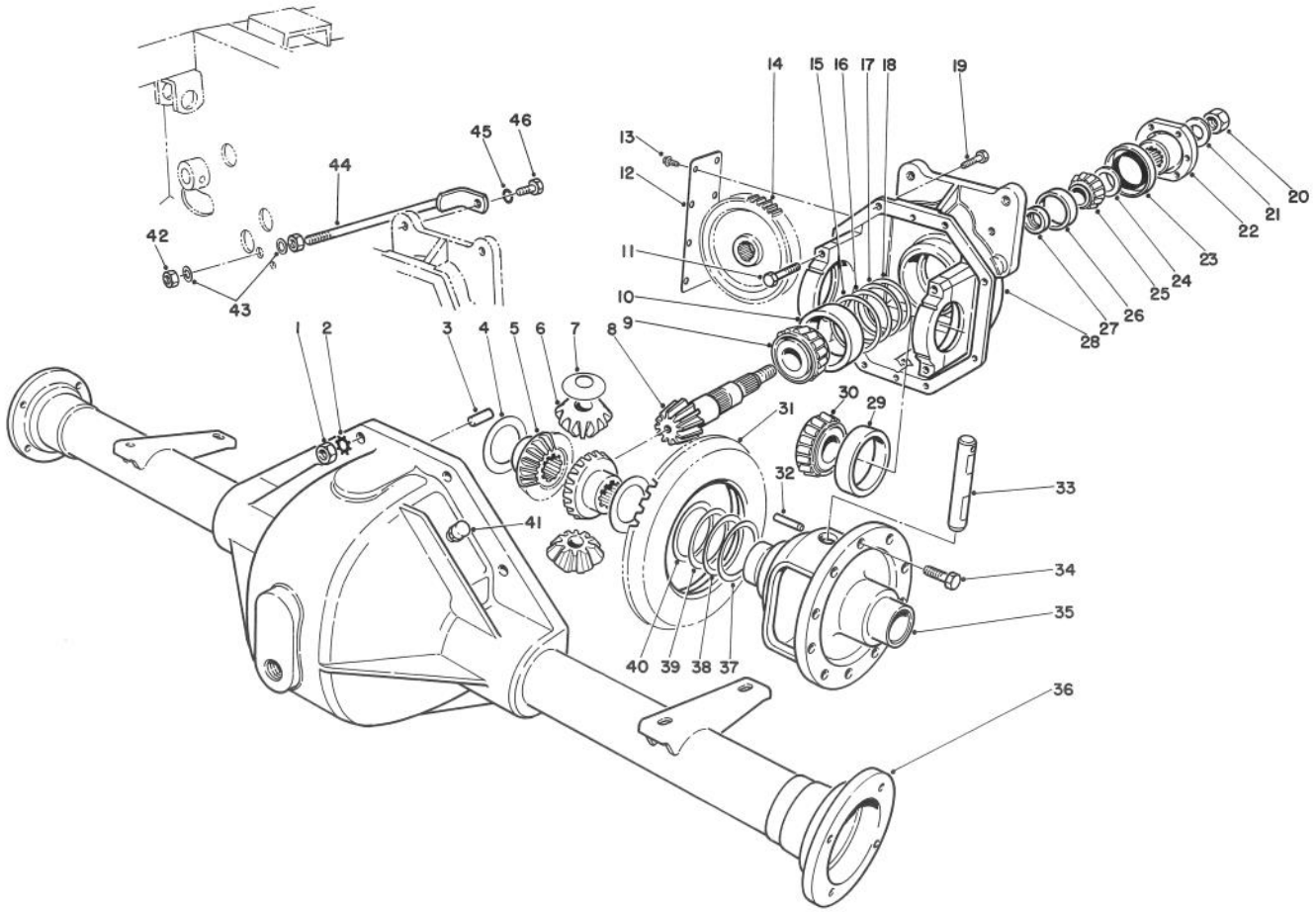


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FRONT AXLE ASSEMBLY NO. 86-9630

Ref. No.	Part No.	Description	No. Used
1	3219-2	Nut	8
2	3255-8	Washer - Lock	8
3	21-8270	Pin - Dowel	2
4	21-7720	Washer - Thrust	2
5	24-8790	Gear - Bevel, Diff. Side	2
6	21-7690	Gear - Pinion	2
7	21-7730	Washer - Thrust	2
8		Pinion - Drive	1
9	43-6760	Cone - Bearing, Tapered	1
10	43-6750	Cup - Bearing, Tapered	1
11	92-1773	Screw - Cap, Hex. Hd.	4
12	21-7830	Cover - Gear	1
13	12-5450	Screw - Thread Forming	8
14	86-7230	Gear - Spur	1
15	43-6710	Shim .003 - Diff. Adjust.	A/R
16	43-6711	Shim .005 - Diff. Adjust.	A/R
17	43-6712	Shim .010 - Diff. Adjust.	A/R
18	43-6713	Shim .030 - Diff. Adjust.	A/R
19	3210-7	Screw - Cap, Hex. Hd.	8
20	71-4350	Nut	1
21	71-4340	Washer	1
22	68-7010	Flange	1
23	71-4330	Seal	1
24	72-3570	Shim .094 - Diff. Adjust.	A/R
*	72-3571	Shim .096 - Diff. Adjust.	A/R
*	72-3572	Shim .098 - Diff. Adjust.	A/R
24	72-3573	Shim .100 - Diff. Adjust.	A/R
*	72-3574	Shim .102 - Diff. Adjust.	A/R
*	72-3575	Shim .104 - Diff. Adjust.	A/R
*	72-3576	Shim .106 - Diff. Adjust.	A/R
*	72-3577	Shim .108 - Diff. Adjust.	A/R
*	72-3578	Shim .110 - Diff. Adjust.	A/R
*	72-3580	Shim .112 - Diff. Adjust.	A/R
*	72-3581	Shim .114 - Diff. Adjust.	A/R
*	72-3582	Shim .116 - Diff. Adjust.	A/R
*	72-3583	Shim .118 - Diff. Adjust.	A/R
*	72-3584	Shim .120 - Diff. Adjust.	A/R
*	72-3585	Shim .125 - Diff. Adjust.	A/R
*	72-3586	Shim .127 - Diff. Adjust.	A/R
*	72-3587	Shim .129 - Diff. Adjust.	A/R
*	72-3588	Shim .131 - Diff. Adjust.	A/R
*	72-3590	Shim .133 - Diff. Adjust.	A/R
*	72-3591	Shim .135 - Diff. Adjust.	A/R
*	72-3592	Shim .137 - Diff. Adjust.	A/R
*	72-3593	Shim .139 - Diff. Adjust.	A/R
*	72-3594	Shim .141 - Diff. Adjust.	A/R
*	72-3595	Shim .143 - Diff. Adjust.	A/R
*	72-3596	Shim .145 - Diff. Adjust.	A/R
*	72-3597	Shim .147 - Diff. Adjust.	A/R
*	72-3598	Shim .149 - Diff. Adjust.	A/R
*	72-3600	Shim .151 - Diff. Adjust.	A/R
25	254-91	Cone - Bearing	1

*Not Illustrated



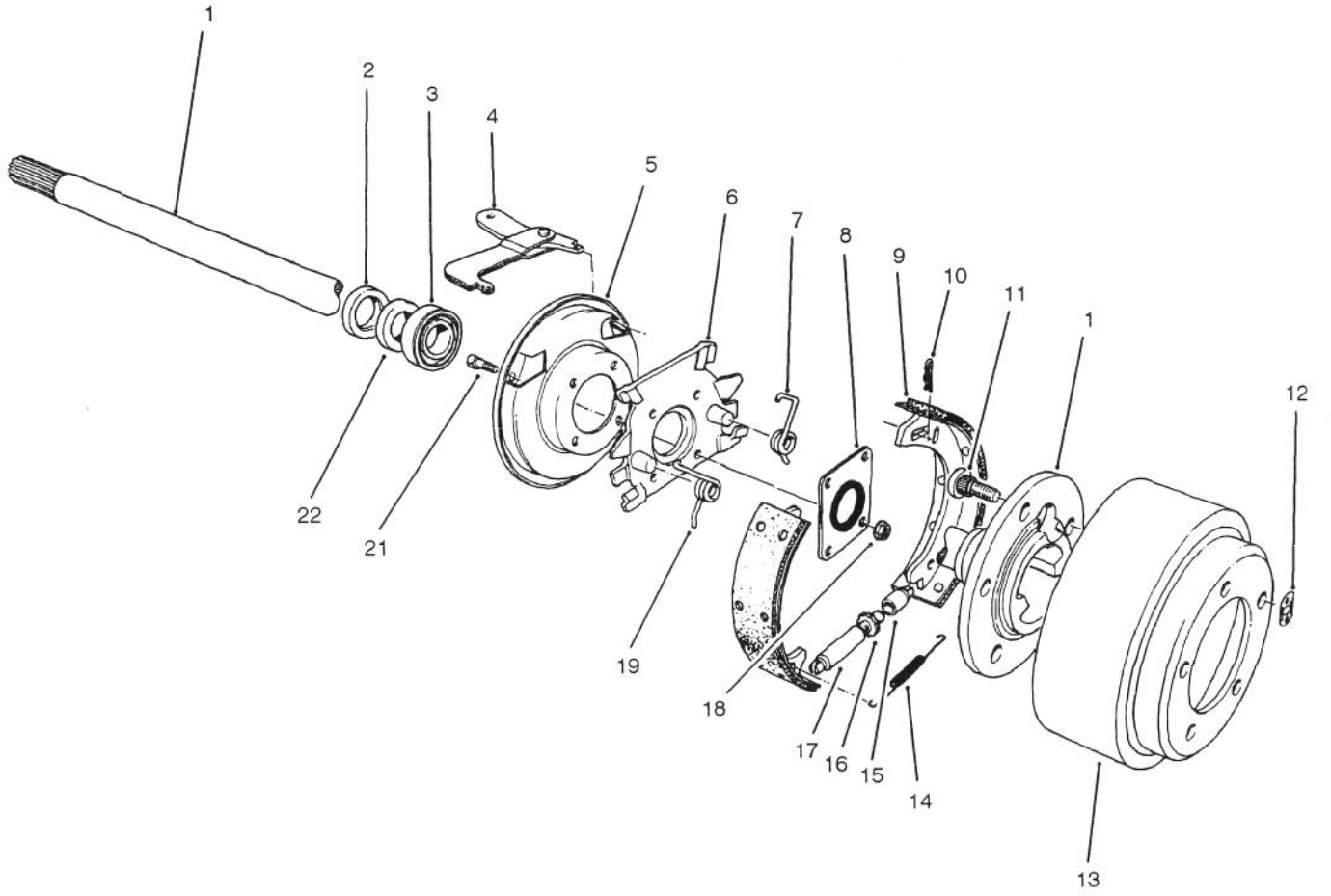
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FRONT AXLE ASSEMBLY NO. 86-9630 (Continued)

Ref. No.	Part No.	Description	No. Used
26	254-90	Cup - Bearing	1
27	21-8020	Spacer - Bearing, Pinion Ft.	1
28	86-9610	Assembly - Carrier (Incl. Ref.#11)	1
29	254-66	Cup - Bearing, Tapered	2
30	254-65	Cone - Bearing, Tapered	2
31		Gear - Ring	1
32	32121-15	Pin - Roll	1
33	21-7700	Shaft - Pinion, Mate	1
34	21-7770	Screw - Gear, Drive	5
35	21-7670	Case - Differential	1
36	43-6840	Housing - Lower	1
37	21-8120	Shim .030 - Diff. Adjust.	A/R

Ref. No.	Part No.	Description	No. Used
38	21-8110	Shim .010 - Diff. Adjust.	A/R
39	21-8100	Shim .005 - Diff. Adjust.	A/R
40	21-8090	Shim .003 - Diff. Adjust.	A/R
41	72-9420	Vent Assembly	1
42	3217-9	Nut - Hex.	2
43	3256-6	Washer - Flat	2
44	24-9830	Support - Axle	1
45	3253-21	Washer - Lock	1
46	323-6	Screw - Cap Hex. Hd.	1
*	92-1676	Gear & Pinion Assembly (Incl. Ref. #8 & 31)	1
*	92-4902	Assy. - Upper Housing, 4WD (Incl. Ref. #4-35 & 37-40)	1

*Not Illustrated

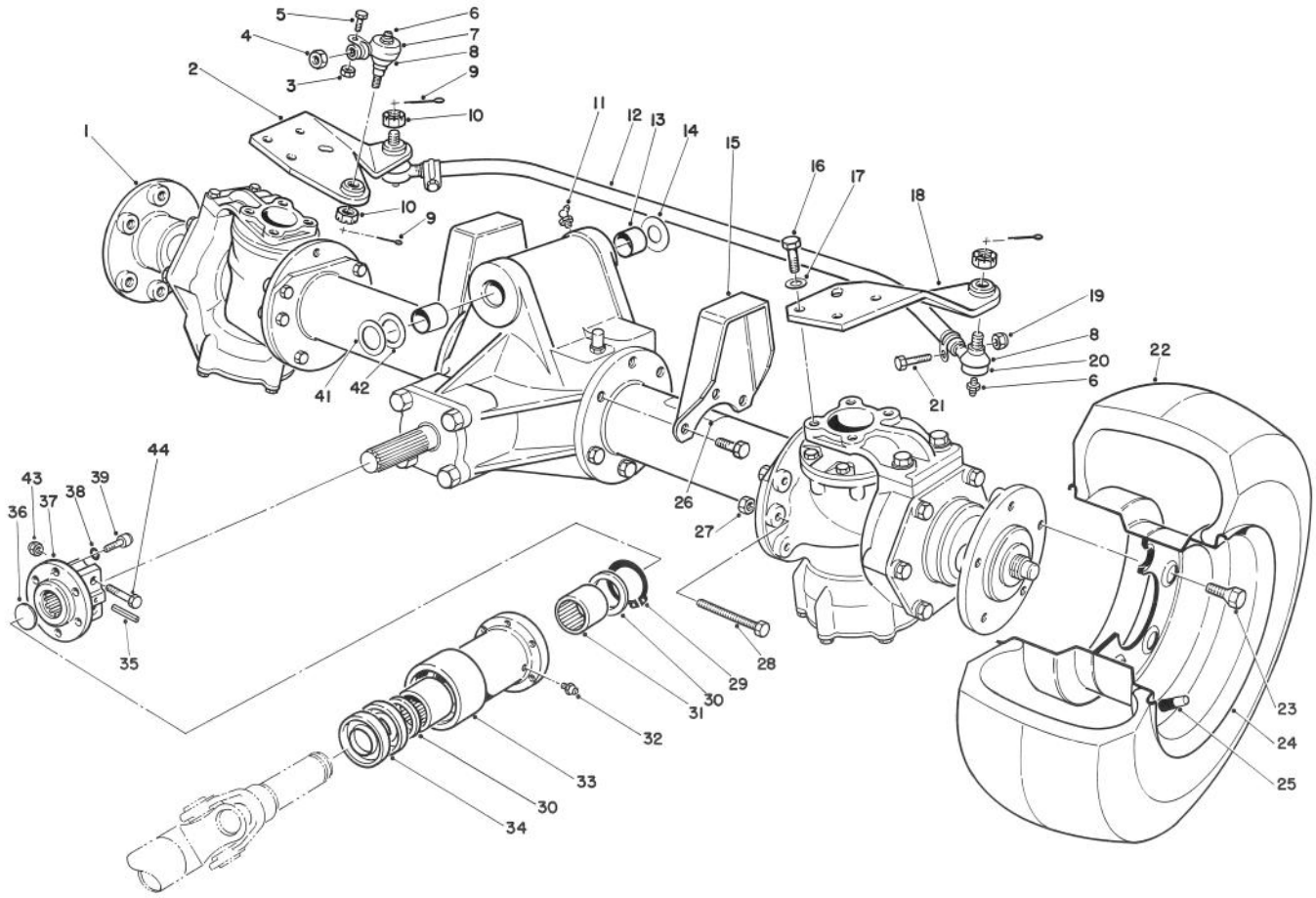


BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	28–0650	Shaft – Flanged, Axle	2
2	92–1774	Seal – Oil	2
3	21–8180	Bearing	2
4	24–9180	Strut & Lever Parking Brake	2
5	21–9450	Dust Shield	2
6	43–6810	Torque – Spider	2
7	21–9430	Spring – Shoe Return R.H.	2
8	28–0670	Seal – Oil	2
9	84–8600	Shoe & Lining Assembly (Set of 4)	1
10	21–9460	Retainer – Brake Lever	4
11	242–34	Stud – Flanged, Axle	10

Ref. No.	Part No.	Description	No. Used
12	21–8360	Clip – Retaining	2
13	28–0680	Brake Drum	2
14	21–9440	Spring – Adjusting Screw	2
15	21–9390	Socket – Adjusting Screw	2
16	21–9370	Screw – Adjusting	2
17	21–9380	Nut – Pivot	2
18	43–6800	Nut – Lock	8
19	21–9420	Spring – Shoe Return L.H.	2
21	24–8840	Ring – Wheel Bearing	2
22	28–0660	Screw – Cap, Hex. Hd.	8
*	92–8775	Gasket – Kit Liquid	1

*Not Illustrated



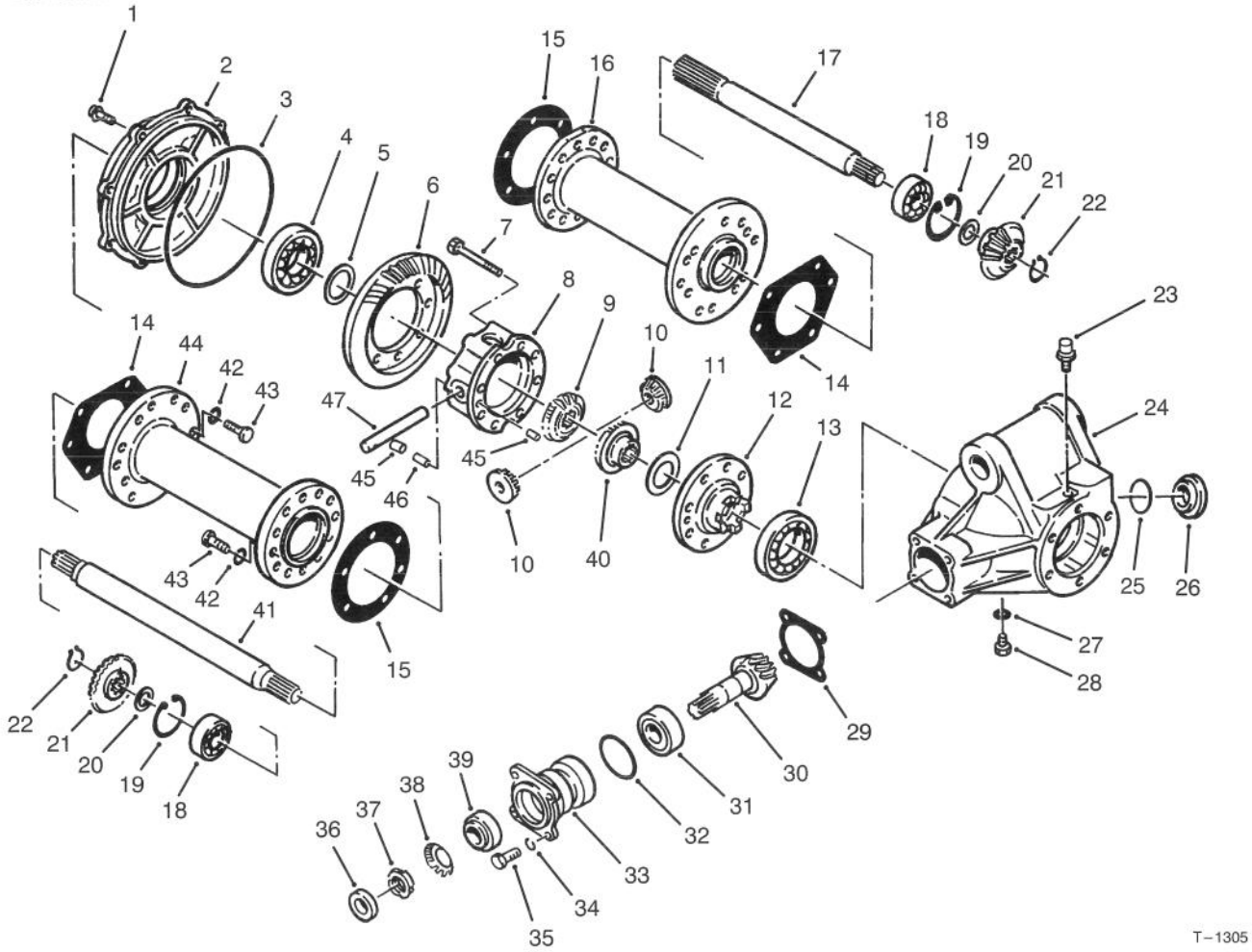
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STEERABLE AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68–6822	Rear Axle Assembly (Serial No. 40273 – 40404)	1
*	68–6824	Rear Axle Assembly (Serial No. 40405 & Up)	1
2	68–6910	Arm – R.H., Steering	1
3	3296–43	Nut – Lock	1
4	3220–5	Nut – Jam	1
5	3210–7	Screw – Cap, Hex. Hd.	1
6	302–55	Fitting – Grease	3
7	68–6870	Rod End (Incl. Ref.#3, 5, 6, 8 & 10)	1
8	71–4760	Seal – Rod	3
9	3272–11	Pin – Cotter	3
10	32136–13	Nut – Slotted	3
11	302–11	Fitting – Grease	1
12	71–4750	Tube & Clamp Assembly	1
*	71–4530	Tie Rod Assembly (Incl. Ref.#6, 8, 10, 12, & 19–21)	1
13	67–1750	Bushing	2
14	71–4540	Washer – Thrust	1
15	68–6990	Stop – Oscillation	2
16	48–7780	Screw – Cap, Hex. Hd.	8
17	48–9220	Washer – Flat	8
18	68–6930	Arm – L.H., Steering	1
19	3296–39	Nut – Lock	2

*Not Illustrated

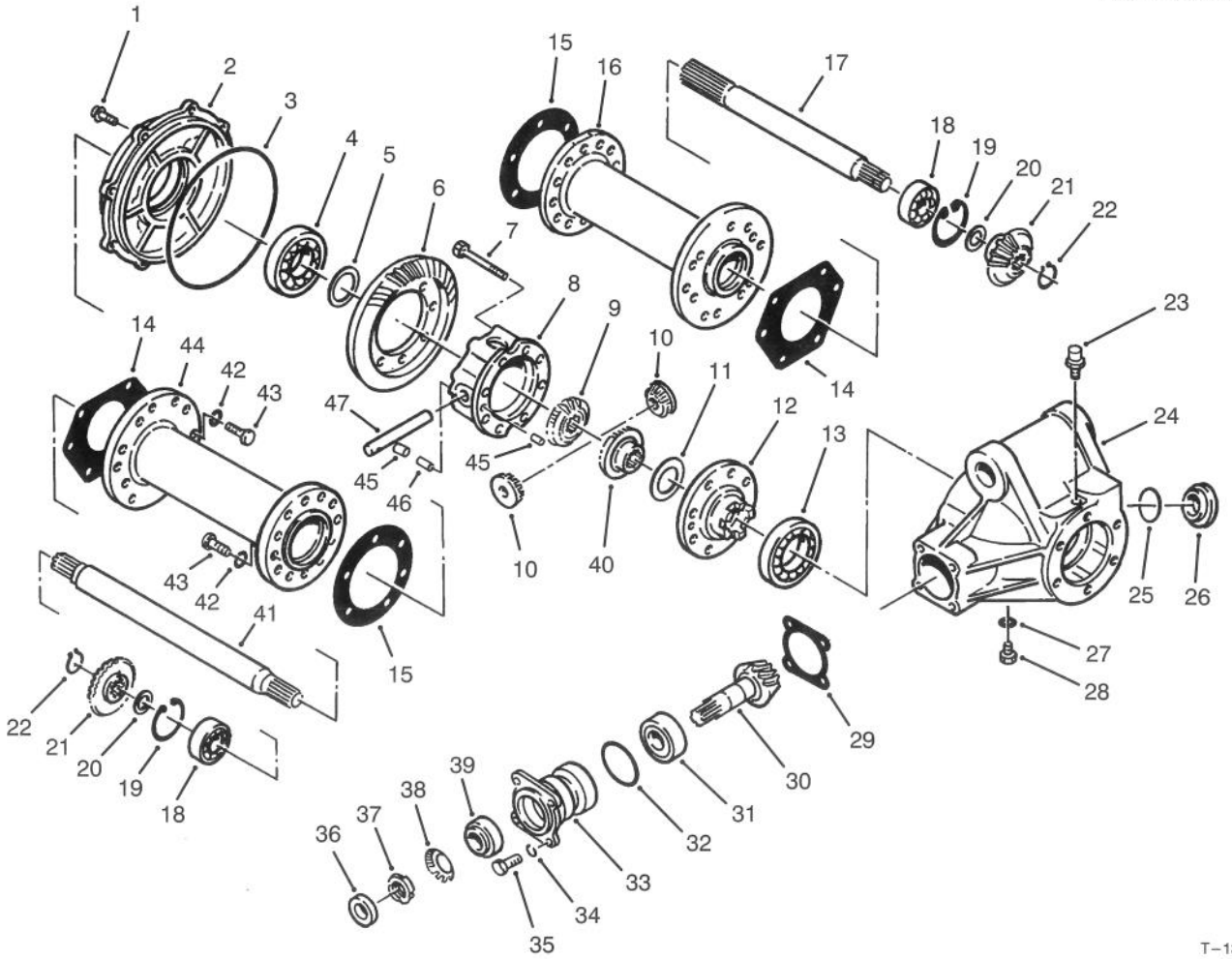
Ref. No.	Part No.	Description	No. Used
20	71–4740	Rod End (Incl. Ref. #6, 8 & 10)	2
21	323–9	Screw – Cap, Hex. Hd.	2
22	231–122	Tire	2
23	71–4450	Bolt – Wheel	10
24	217–106	Wheel	2
25	232–31	Stem – Valve	2
26	70–2560	Decal – Lube	1
27	48–7960	Nut	2
28	71–4690	Screw – Cap, Hex. Hd.	2
29	32151–87	Ring – Retaining	1
30	71–4590	Washer – Thrust	2
31	71–4580	Clutch – Roller	2
32	302–5	Fitting – Grease	1
33	71–4570	Housing – Clutch	1
34	253–155	Seal	2
35	32121–34	Pin – Roll	1
36	284–3	Plug – Welch	1
37	76–4690	Coupling – Axle	1
38	3253–3	Washer – Lock	6
39	3274–8	Screw – Cap, Hex. Hd.	6
41	56–2460	Washer – Flat	A/R
42	5–1226	Washer	A/R
43	3296–29	Nut – Lock	2
44	322–8	Screw – Cap, Hex. Hd.	2



REAR AXLE ASSEMBLY NO. 68–6822
(Unit Serial No. 40273 – 40404)

Ref. No.	Part No.	Description	No. Used
1	72–5800	Bolt	8
2	72–4880	Cover	1
3	72–4890	O–Ring	1
4	251–344	Bearing – Ball	1
5	72–4960	Shim .1 mm	1
*	72–4970	Shim .15 mm	1
*	72–4980	Shim .5 mm	1
*	72–4990	Shim .8 mm	1
*	72–5000	Shim 1.0 mm	1
*	72–5010	Shim 1.2 mm	1
6		Gear – Bevel	1
7	72–5810	Bolt	8
8	72–4900	Case – Differential	1
9	72–4930	Gear – Side	1
10	72–4950	Gear – Pinion	2
11	72–5040	Washer – Gear	1
12	72–4910	Flange – Case	1
13	251–345	Bearing – Ball	1
14	72–5080	Gasket	2
15	72–5070	Gasket	2
16	72–5050	Tube – Axle RH	1
17	72–5060	Axle – RH	1
18	251–350	Bearing – Ball	2
19	72–5360	Ring – Retaining	2
20	72–5100	Spacer	2

Ref. No.	Part No.	Description	No. Used
21	72–5090	Gear – Bevel	2
22	72–5370	Ring – Retaining	2
23	72–5130	Vent	1
24	72–4870	Case – Differential	1
25	72–5140	O–Ring	1
26	72–5150	Plug	1
27	72–5840	Gasket	1
28	72–5820	Plug	1
29	72–5160	Shim .1mm	1
*	72–5170	Shim .15 mm	1
*	72–5180	Shim .5 mm	1
*	72–5190	Shim .8 mm	1
*	72–5200	Shim 1.0 mm	1
*	72–5210	Shim 1.2 mm	1
30		Gear – Pinion	1
31	254–108	Bearing – Tapered Roller	1
32	72–5460	O–Ring	1
33	83–5350	Case – Bearing	1
34	42–9850	Washer – Lock M8	8
35	48–9460	Bolt – Hex. Hd.	4
36	83–5360	Seal – Oil	1
37	83–5340	Nut – Bearing	1
38	83–5330	Washer – Bearing	1
39	254–109	Bearing – Tapered Roller	1
40	72–4940	Gear – Side	1

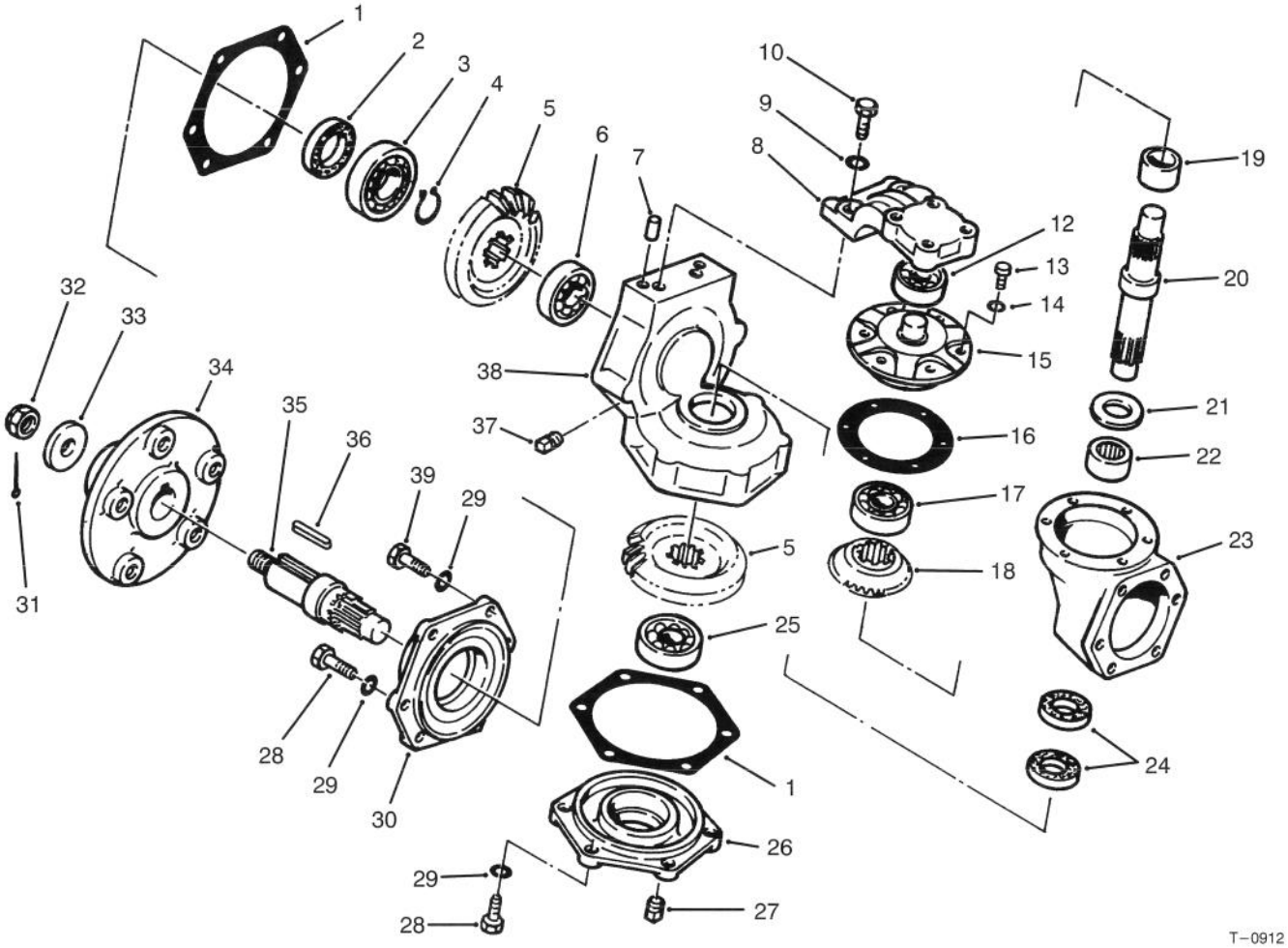


T–1305

REAR AXLE ASSEMBLY NO. 68–6822
(Unit Serial No. 40273 – 40404) (Continued)

Ref. No.	Part No.	Description	No. Used
41	72–5120	Axle – LH	1
42	42–9600	Washer – Lock M10	24
43	48–9470	Bolt – M10 x 30	24
44	72–5110	Tube – Axle LH	1
45	72–5030	Pin – Dowel	2

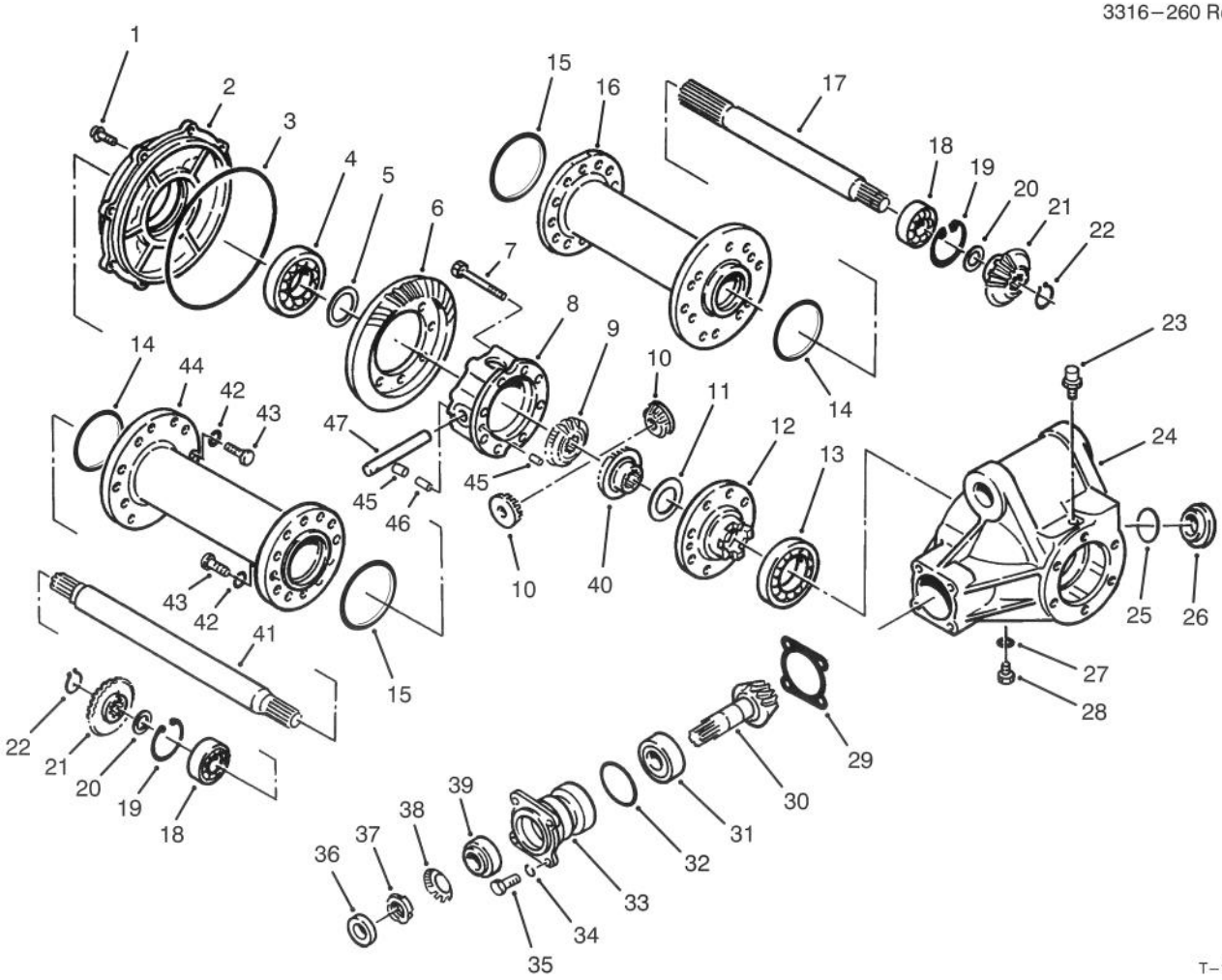
Ref. No.	Part No.	Description	No. Used
46	72–5440	Pin –Spring	1
47	72–5020	Shaft – Pinion	1
*	77–2970	Ring & Pinion Assembly (Incl. Ref.#6 & 30)	1



REAR AXLE ASSEMBLY NO. 68–6822 (Unit Serial No. 40273 – 40404) (Continued)

Ref. No.	Part No.	Description	No. Used
1	72–5620	Gasket	4
2	72–5740	Seal – Oil	2
3	251–348	Bearing – Ball	2
4	72–5720	Ring – Retaining	2
5	72–5580	Gear – Bevel	4
6	251–8	Bearing – Ball	2
7	72–5670	Pin – Dowel	4
8	77–2980	Arm – Knuckle	2
9	42–9600	Washer – Lock	28
10	48–9470	Screw – Cap, M10 x 30	4
12	251-347	Bearing – Ball	2
13	72–5790	Screw – Cap, M6 x 18	12
14	43–5930	Washer – Lock	12
15	72–5590	Retainer – Bearing	2
16	72–5630	Gasket	2
17	251–349	Bearing – Ball	2
18	72–5090	Gear – Bevel	2
19	72–5680	Spacer	2
20	72–5560	Pin – King, Knuckle	2

Ref. No.	Part No.	Description	No. Used
21	72–5600	Washer – Thrust	2
22	72–5640	Bearing – Needle	2
23	72–5510	Gear Box – Axle	2
24	72–5730	Seal – Oil	4
25	251–263	Bearing – Ball	2
26	72–5550	Cover	2
27	281–10	Plug – Socket, Hex.	2
28	48–9460	Screw – Cap, M8 x 25	20
29	42–9850	Washer – Lock, M8	28
30	72–5540	Case – Knuckle	2
31	3272–17	Pin – Cotter	2
32	72–5770	Nut – Castle	2
33	72–5660	Washer – Shaft, Wheel	2
34	72–5650	Hub – Wheel	2
35	72–5570	Shaft – Axle, Outer	2
36	72–5780	Key	2
37	281–7	Plug – Pipe, Square Hd.	2
38	72–5520	Case – Knuckle	2
39	48–7710	Screw – Cap, M8 x 20	4

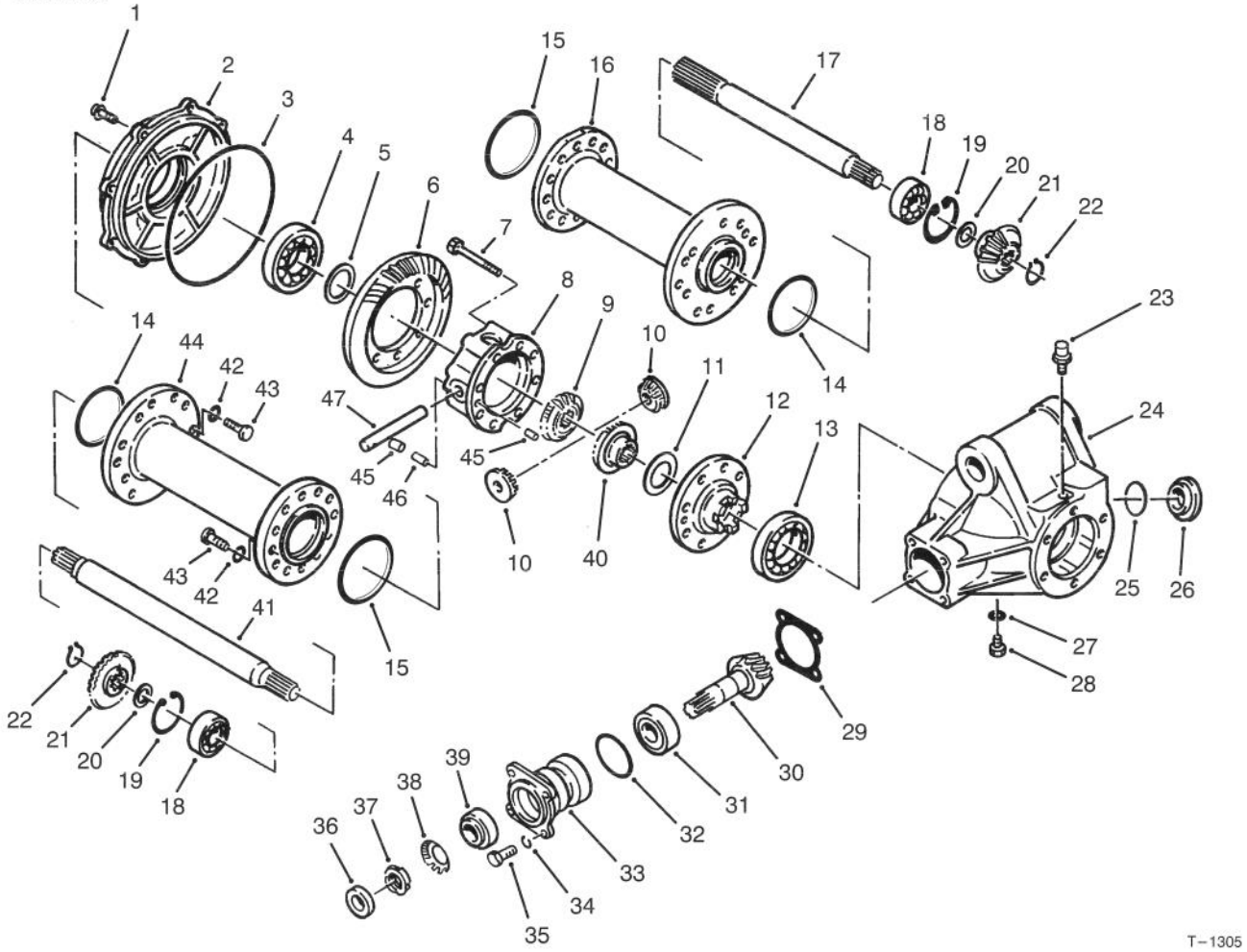


T–1305

REAR AXLE ASSEMBLY NO. 68–6824
(Unit Serial No. 40405 & Up)

Ref. No.	Part No.	Description	No. Used
1	72–5800	Bolt	8
2	72–4880	Cover	1
3	72–4890	O–Ring	1
4	251–344	Bearing – Ball	1
5	72–4960	Shim .1 mm	1
*	72–4970	Shim .15 mm	1
*	72–4980	Shim .5 mm	1
*	72–4990	Shim .8 mm	1
*	72–5000	Shim 1.0 mm	1
*	72–5010	Shim 1.2 mm	1
6		Gear – Bevel	1
7	72–5810	Bolt	8
8	72–4900	Case – Differential	1
9	72–4930	Gear – Side	1
10	72–4950	Gear – Pinion	2
11	72–5040	Washer – Gear	1
12	72–4910	Flange – Case	1
13	251–345	Bearing – Ball	1
14	93–3664	Seal – O–Ring	2
15	93–3665	Seal – O–Ring	2
16	72–5050	Tube – Axle RH	1
17	72–5060	Axle – RH	1
18	251–350	Bearing – Ball	2
19	72–5360	Ring – Retaining	2
20	72–5100	Spacer	2

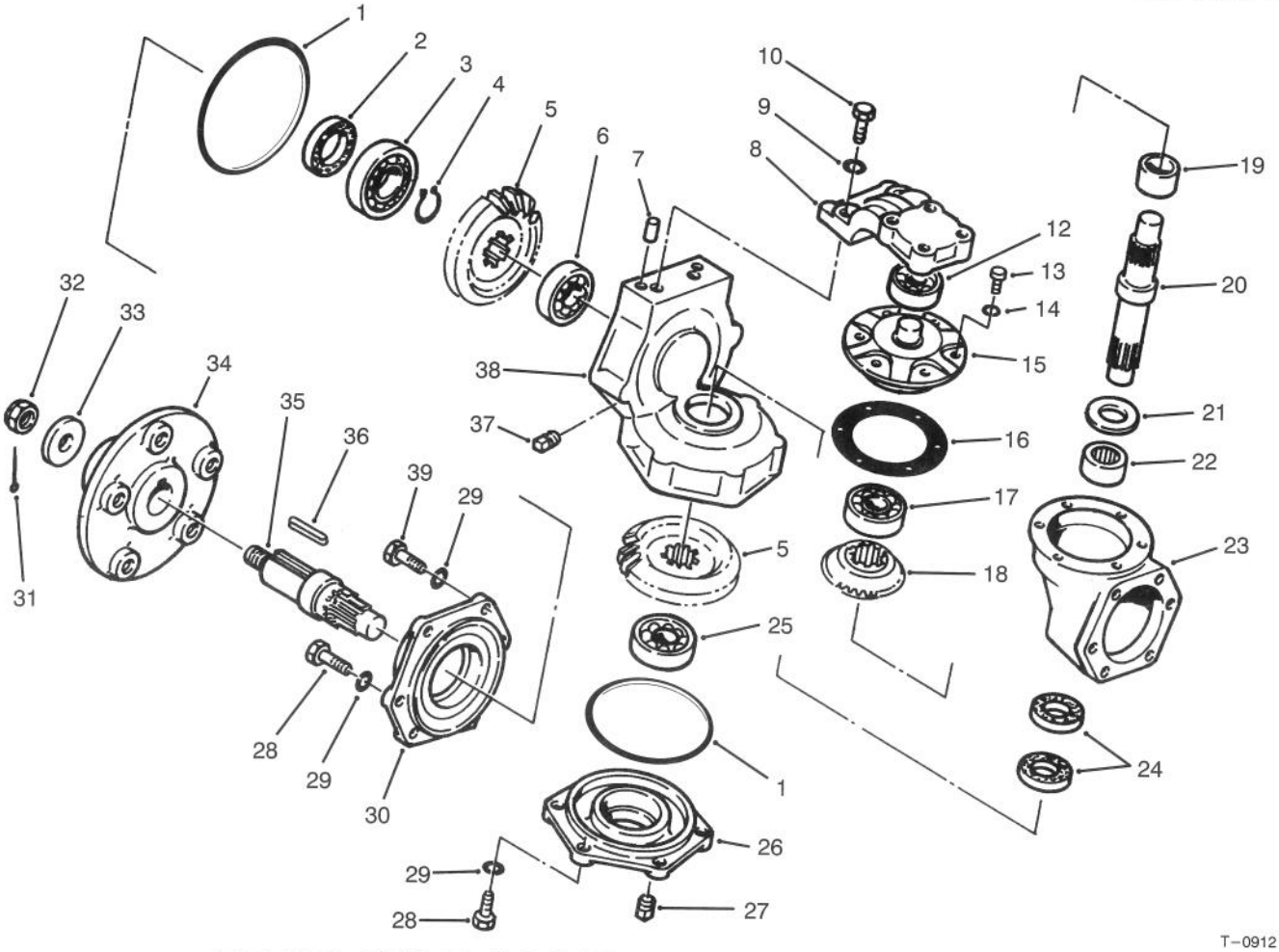
Ref. No.	Part No.	Description	No. Used
21	72–5090	Gear – Bevel	2
22	72–5370	Ring – Retaining	2
23	72–5130	Vent	1
24	72–4870	Case – Differential	1
25	72–5140	O–Ring	1
26	72–5150	Plug	1
27	72–5840	Gasket	1
28	72–5820	Plug	1
29	72–5160	Shim .1mm	1
*	72–5170	Shim .15 mm	1
*	72–5180	Shim .5 mm	1
*	72–5190	Shim .8 mm	1
*	72–5200	Shim 1.0 mm	1
*	72–5210	Shim 1.2 mm	1
30		Gear – Pinion	1
31	254–108	Bearing – Tapered Roller	1
32	72–5460	O–Ring	1
33	83–5350	Case – Bearing	1
34	42–9850	Washer – Lock M8	8
35	48–9460	Bolt – Hex. Hd.	4
36	83–5360	Seal – Oil	1
37	83–5340	Nut – Bearing	1
38	83–5330	Washer – Bearing	1
39	254–109	Bearing – Tapered Roller	1
40	72–4940	Gear – Side	1



REAR AXLE ASSEMBLY NO. 68–6824
(Unit Serial No. 40405 & Up) (Continued)

Ref. No.	Part No.	Description	No. Used
41	72–5120	Axle – LH	1
42	42–9600	Washer – Lock M10	24
43	48–9470	Bolt – M10 x 30	24
44	72–5110	Tube – Axle LH	1
45	72–5030	Pin – Dowel	2

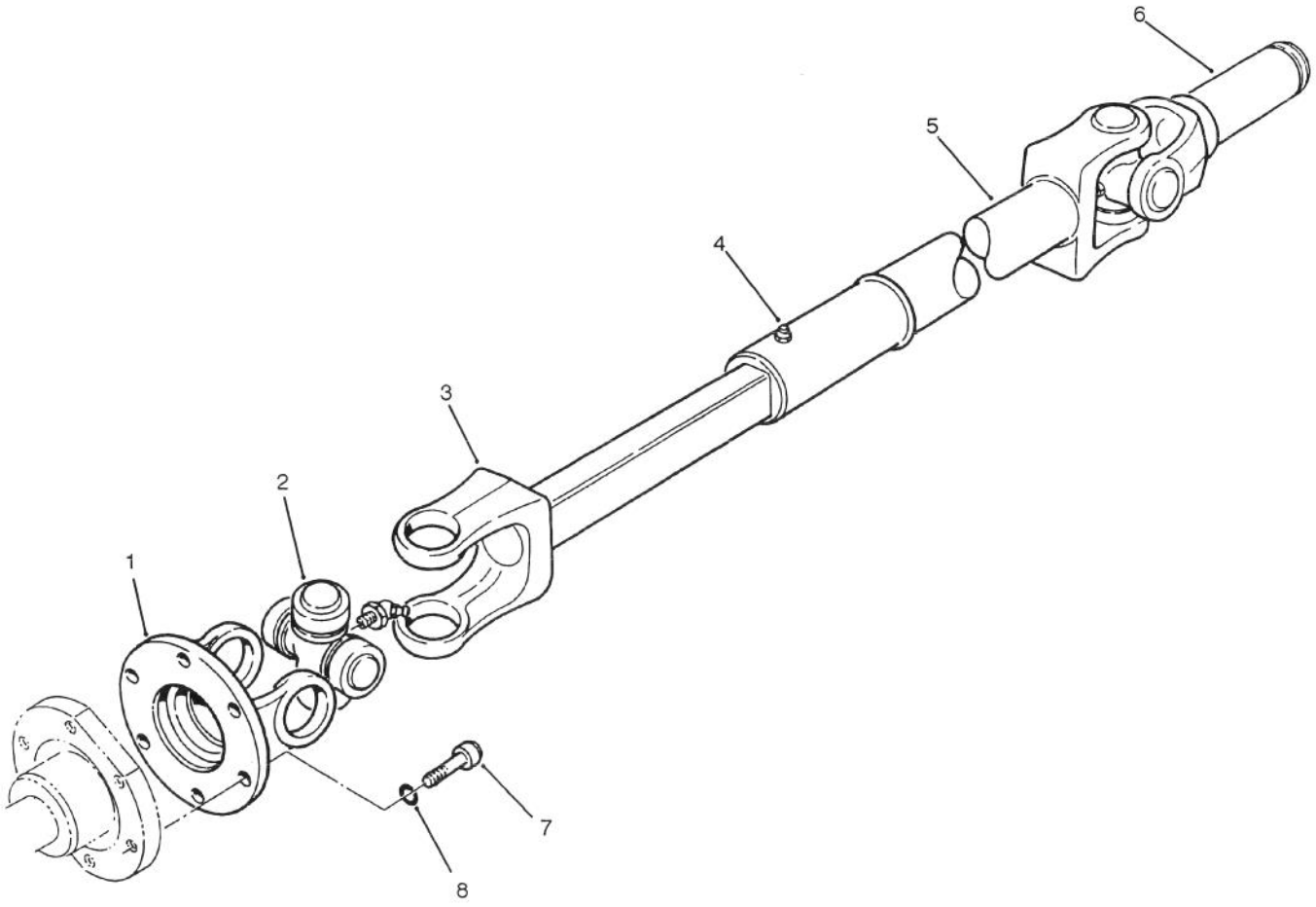
Ref. No.	Part No.	Description	No. Used
46	72–5440	Pin –Spring	1
47	72–5020	Shaft – Pinion	1
*	77–2970	Ring & Pinion Assembly (Incl. Ref.#6 & 30)	1



REAR AXLE ASSEMBLY NO. 68–6824 (Unit Serial No. 40405 & Up) (Continued)

Ref. No.	Part No.	Description	No. Used
1	93–3670	Seal – O–Ring	4
2	72–5740	Seal – Oil	2
3	251–348	Bearing – Ball	2
4	72–5720	Ring – Retaining	2
5	72–5580	Gear – Bevel	4
6	251–8	Bearing – Ball	2
7	93–3671	Pin – Dowel	4
8	93–3672	Arm – Knuckle	2
9	42–9600	Washer – Lock	28
10	48–9470	Screw – Cap, M10 x 30	4
12	251-347	Bearing – Ball	2
13	72–5790	Screw – Cap, M6 x 18	12
14	43–5930	Washer – Lock	12
15	72–5590	Retainer – Bearing	2
16	72–5630	Gasket	2
17	251–349	Bearing – Ball	2
18	72–5090	Gear – Bevel	2
19	72–5680	Spacer	2
20	72–5560	Pin – King, Knuckle	2

Ref. No.	Part No.	Description	No. Used
21	93–3668	Washer – Thrust	2
22	93–3664	Bearing – Needle	2
23	93–3666	Gear Box – Axle	2
24	72–5730	Seal – Oil	4
25	251–263	Bearing – Ball	2
26	72–5550	Cover	2
27	281–10	Plug – Socket, Hex.	2
28	48–9460	Screw – Cap, M8 x 25	20
29	42–9850	Washer – Lock, M8	28
30	72–5540	Case – Knuckle	2
31	3272–17	Pin – Cotter	2
32	72–5770	Nut – Castle	2
33	72–5660	Washer – Shaft, Wheel	2
34	72–5650	Hub – Wheel	2
35	72–5570	Shaft – Axle, Outer	2
36	72–5780	Key	2
37	281–7	Plug – Pipe, Square Hd.	2
38	93–3667	Case – Knuckle	2
39	48–7710	Screw – Cap, M8 x 20	4



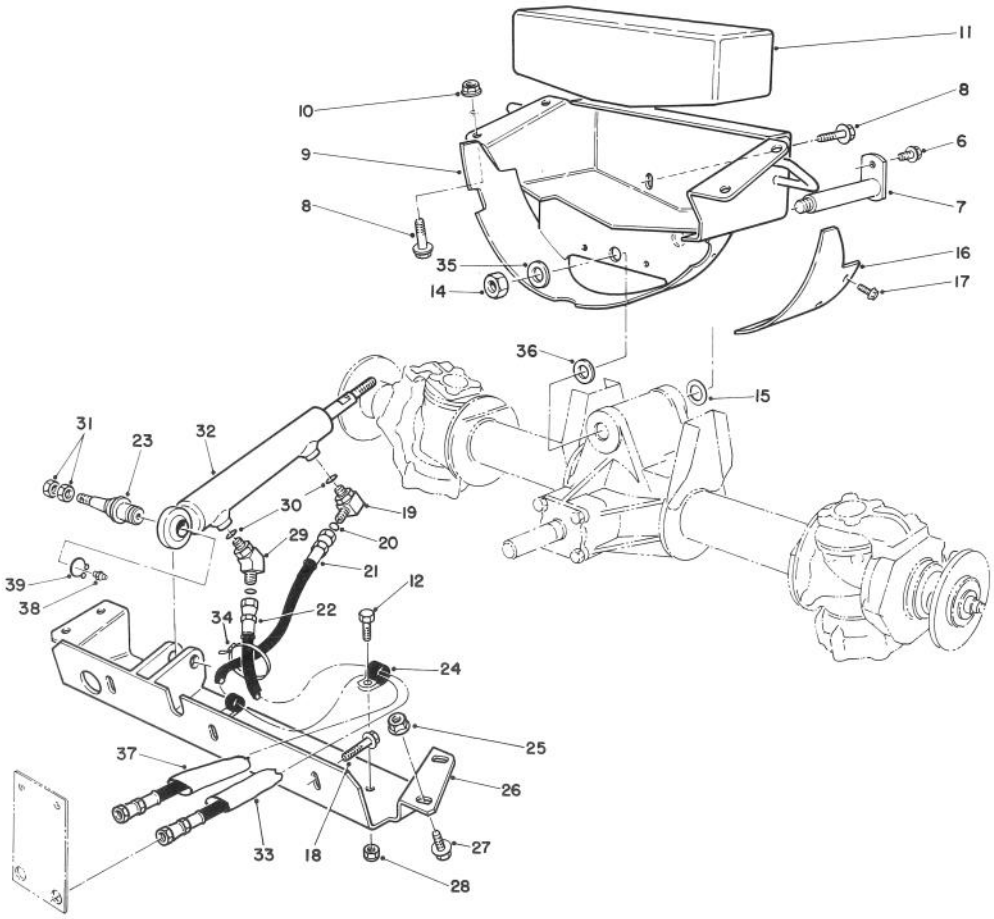
T–0906

DRIVE SHAFT ASSEMBLY NO. 71–4551

Ref. No.	Part No.	Description	No. Used
1	72–3410	Yoke – Flange	1
2	54–9180	Kit – Universal Joint	2
3	72–3420	Shaft – Yoke, Slip	1
4	302–58	Fitting – Grease	1
5	72–3431	Tube – Yoke, Slip	1

Ref. No.	Part No.	Description	No. Used
6	72–3440	Yoke – Shaft	1
7	3274–8	Screw – Cap, Soc. Hd.	6
8	3253–3	Washer – Lock	6
*	71–4551	Driveshaft (Complete)	1

*Not Illustrated



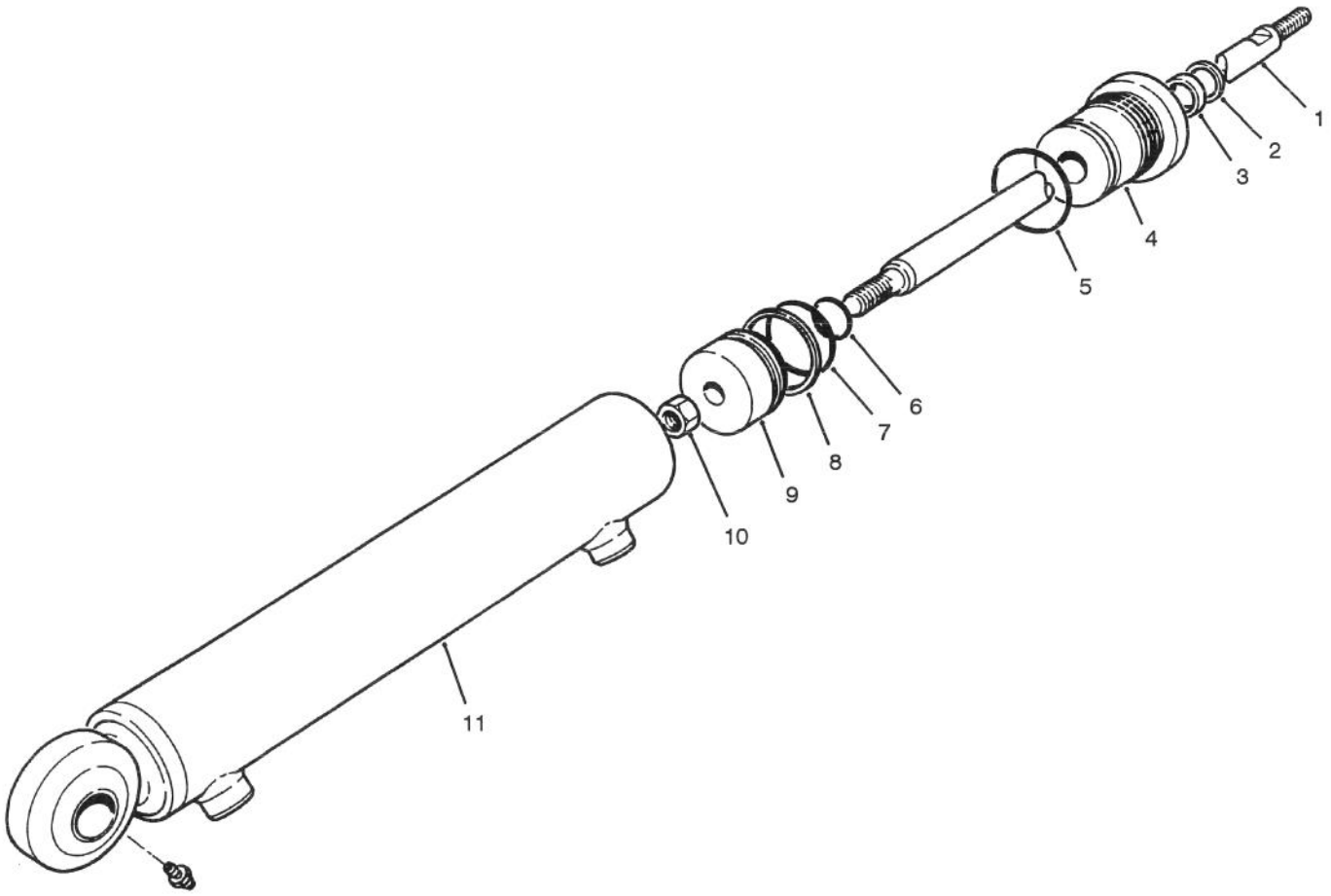
T–0908A

AXLE SUPPORT & STEERING CROSS MEMBER

Ref. No.	Part No.	Description	No. Used
6	3234–14	Screw – Flange, Hex. Hd.	2
7	92–7807	Pin W.A. – Axle, Rear	1
8	3234–32	Screw – Flange, Hex. Hd.	6
9	92–7803	Support W.A. – Axle	1
10	32128–23	Nut – Lock, Flange	4
11	67–8960	Weight – Rear	1
12	322–5	Screw – Cap, Hex. Hd.	2
14	32146–20	Nut	1
15	71–4540	Washer – Thrust	2
16	71–4850	Cover – Guard, Flywheel	1
17	32144–10	Screw – Thread Forming	2
18	3234–24	Screw – Flange, Hex. Hd.	3
19	340–97	Elbow – Fitting	1
20	237–22	O–Ring	2
21	71–4430	Hose Assy. – Steering	1
22	68–9710	Hose Assy. – Steering	1
23	92–5838	Ball – Joint	1

Ref. No.	Part No.	Description	No. Used
24	2412–39	Clamp	2
25	32128–21	Nut – Flange	4
26	92–7810	Cross Member W.A.	1
†27	3234–25	Screw – Flange, Hex. Hd.	4
28	3296–20	Nut – Lock	2
29	340–54	Fitting	1
30	237–78	O–Ring	2
31	3220–6	Nut – Jam	2
32	92–7829	Cylinder – Hyd., Steering	1
33	92–7839	Sleeve – Protective, Short	1
34	3290–379	Tie – Cable	1
35	5–1226	Washer	A/R
36	56–2460	Washer – Flat	A/R
37	92–7840	Sleeve – Protective, Long	1
38	302–5	Fitting – Grease	1
39	32151–104	Ring – Retaining	1

†Included in Ref. #3, Page 1



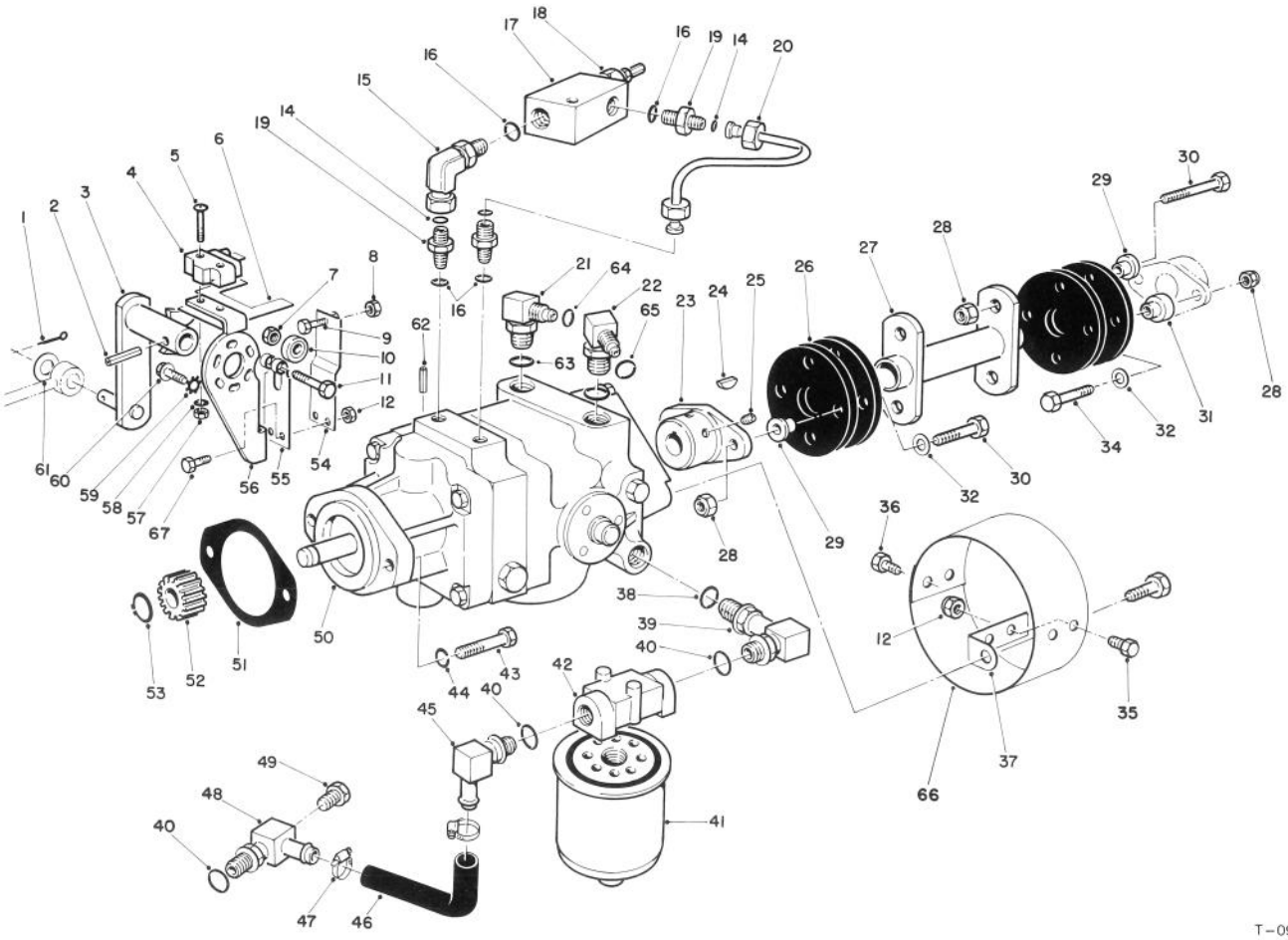
T–0904

STEERING CYLINDER PART NO. 92–7829

Ref. No.	Part No.	Description	No. Used
1	92–8942	Rod	1
2		Wiper	1
3		U–Cup	1
4	92–8944	Head – Internal	1
5		O–Ring	1
6		O–Ring	1
7		O–Ring	1
8		Ring – Piston	1

Ref. No.	Part No.	Description	No. Used
9	92–8943	Piston	1
10	66–1930	Nut	1
11	92–8941	Barrel Assembly	1
*	92–8945	Kit – Seal (Incl. Ref.#2, 3, & 5–8)	1

*Not Illustrated



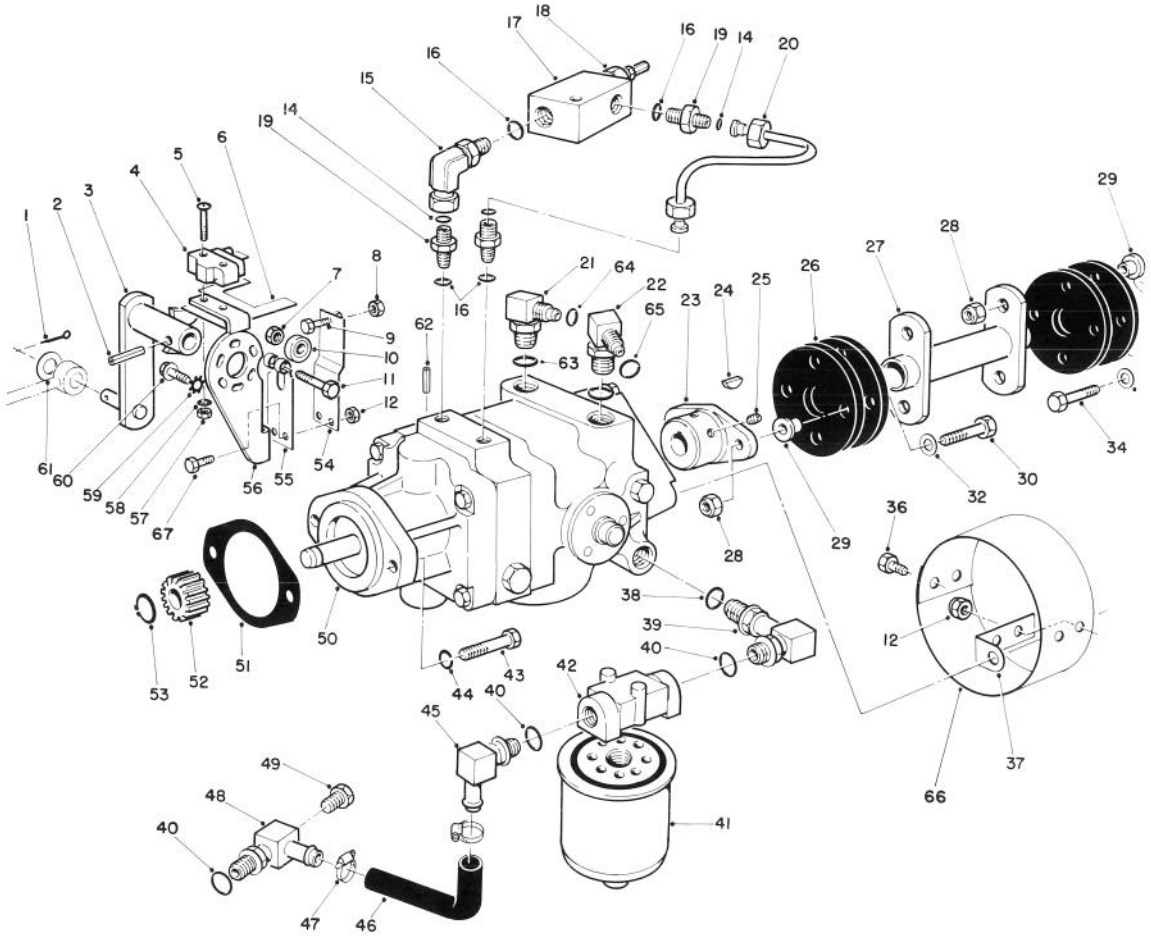
T-0909B

HYDROSTATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used
1	3272-10	Pin - Cotter	1
2	32121-24	Pin - Roll	1
3	28-9570	Lever - Pump	1
4	29-6163	Switch - Micro	1
5	3249-11	Screw - Mach. Rd. Hd.	2
6	46-8810	Stop - Leaf, Spring	1
7	3296-29	Nut - Lock	1
8	3219-2	Nut - Hex	1
9	3210-7	Screw - Cap, Hex. Hd.	1
10	251-259	Bearing - Ball	1
11	322-17	Screw - Cap, Hex. Hd.	1
12	3296-42	Nut - Lock	6
14	237-21	O-Ring	3
15	340-143	Elbow - Swivel	1
16	237-78	O-Ring	4
17	72-3710	Body - Valve, Relief	1
18	72-3720	Cartridge - Valve, Relief	1
*	72-3730	Seal Kit (Relief Valve)	1
*	72-3540	Valve - Relief Adj. (Incl. Ref.#17 & 18)	1
19	340-92	Adapter - Straight	3
20	72-3550	Tube Assembly	1
21	340-77	Elbow - Fitting	1
22	340-99	Elbow - Fitting	1
23	33-4380	Hub - Pump	1

Ref. No.	Part No.	Description	No. Used
24	3257-32	Key - Woodruff	1
25	3241-5	Screw - Set, Sq. Hd.	2
26	44-2230	Coupling - Rubber	4
27	71-4400	Coupling - Drive	1
28	32152-1	Nut - Lock	8
29	71-4411	Spacer - Coupling, Rubber	6
30	322-8	Screw - Cap, Hex. Hd.	6
31	71-4410	Spacer - Coupling, Rubber	2
32	3256-3	Washer - Flat	4
34	322-10	Screw - Cap, Hex. Hd.	2
35	321-2	Screw - Cap, Hex. Hd.	2
36	321-4	Screw - Cap, Hex. Hd.	4
37	54-9290	Bracket	2
38	237-80	O-Ring	1
39	68-8660	Elbow - Fitting	1
40	237-81	O-Ring	3
41	23-9740	Filter - Oil	1
42	68-8990	Head - Filter	1
43	323-7	Screw - Cap, Hex. Hd.	2
44	3253-21	Washer - Lock	2
45	353-987	Elbow - Fitting	1
46	68-9650	Hose - Axle	1
47	2412-34	Clamp - Hose	2
48	70-2620	Elbow - Fitting	1

*Not Illustrated

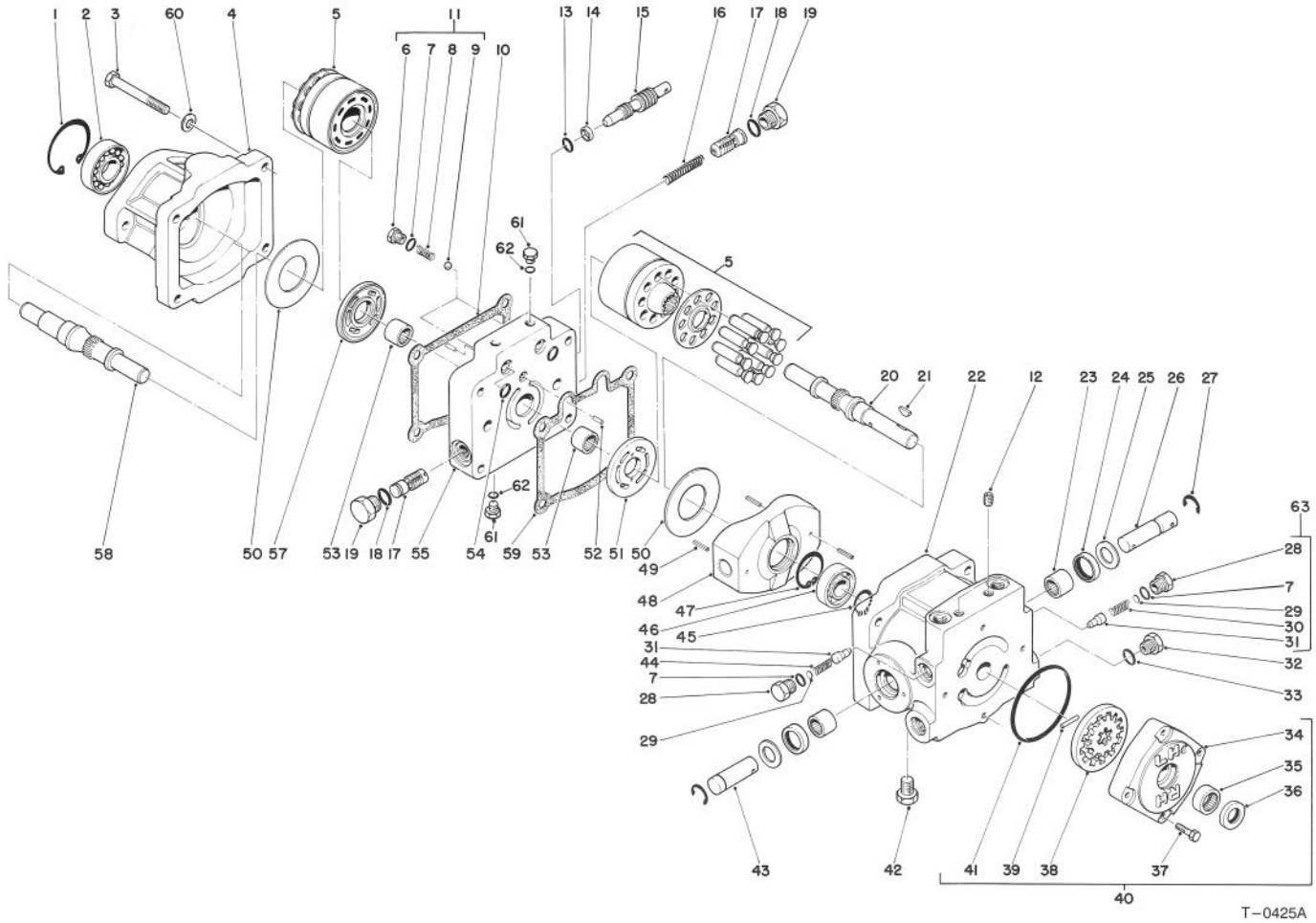


T–0909B

HYDROSTATIC TRANSMISSION (Continued)

Ref. No.	Part No.	Description	No. Used
49	353–508	Plug – Drain	1
50	92–8947	Transmission – Inline	1
51	41–8760	Gasket – Transmission	1
52	86–7220	Gear – Output, Trans.	1
53	32120–72	Ring – Retaining	1
54	29–6170	Spring – Leaf, Extended	1
55	29–6150	Spring – Leaf	1
56	29–6120	Plate – Pump	1
57	3217–6	Nut – Hex	2
58	3254–9	Washer – Lock	2

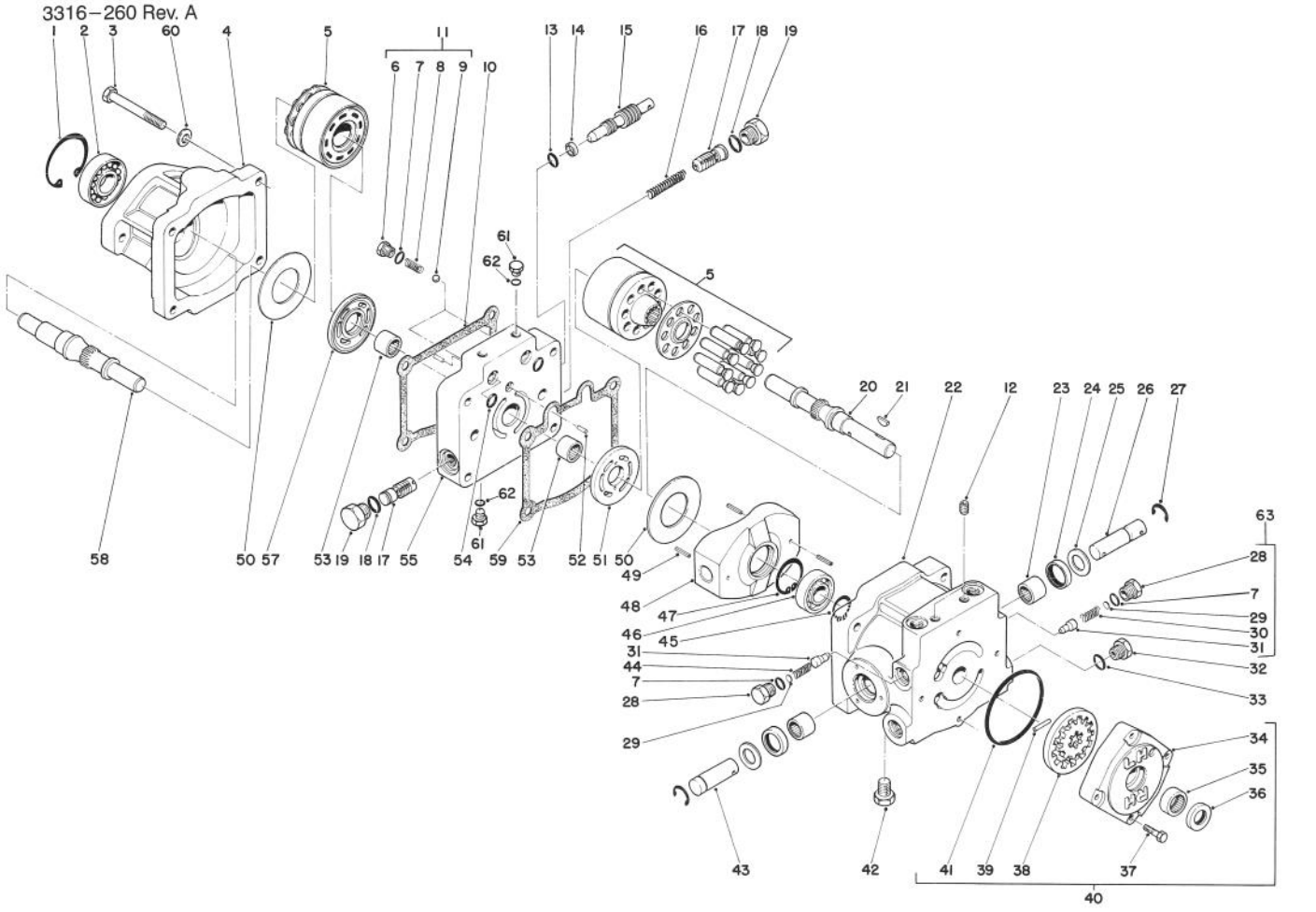
Ref. No.	Part No.	Description	No. Used
59	3255–7	Washer – Lock	3
60	11–9760	Screw – Self Tapping	3
61	3256–6	Washer – Flat	1
62	32121–6	Pin – Roll	1
63	237–42	O–Ring	2
64	237–22	O–Ring	1
65	237–30	O–Ring	1
66	54–9300	Cover – Pump Shaft	1
67	321–6	Screw – Cap Hex. Hd.	2



TRANSMISSION ASSEMBLY NO. 92–8947

Ref. No.	Part No.	Description	No. Used
1	32120–8	Ring – Retaining	1
2	72–3750	Bearing – Ball	1
3	323–56	Screw – Cap, Hex. Hd.	4
4	67–9080	Housing – Motor	1
5	48–1800	Cylinder Block Kit	2
6	25–2650	Check Valve Plug	2
7	237–86	O–Ring	4
8	25–2640	Valve Spring	2
9	25–2490	Ball	2
10	67–9100	Gasket	1
11	25–3180	Check Valve Kit (Incl. Ref. #6–9)	2
12	285–17	Pipe Plug	4
13	237–22	O–Ring	1
14	25–2630	Back–Up Ring	1
15	88–8220	By–Pass Valve	1
16	25–2610	Accel. Valve Spring	1
17	25–2410	Accel. Valve Assembly	2
18	76–1900	O–Ring	2
19	353–550	Plug – Hex. Hd.	2
20	67–8020	Pump Shaft	1
21	3257–32	Key – Woodruff	1
22	54–7890	Pump Housing (Incl. Ref. #12 & 23–25)	1
23	252–82	Bearing – Needle	2
24	25–3210	Lip Seal	2

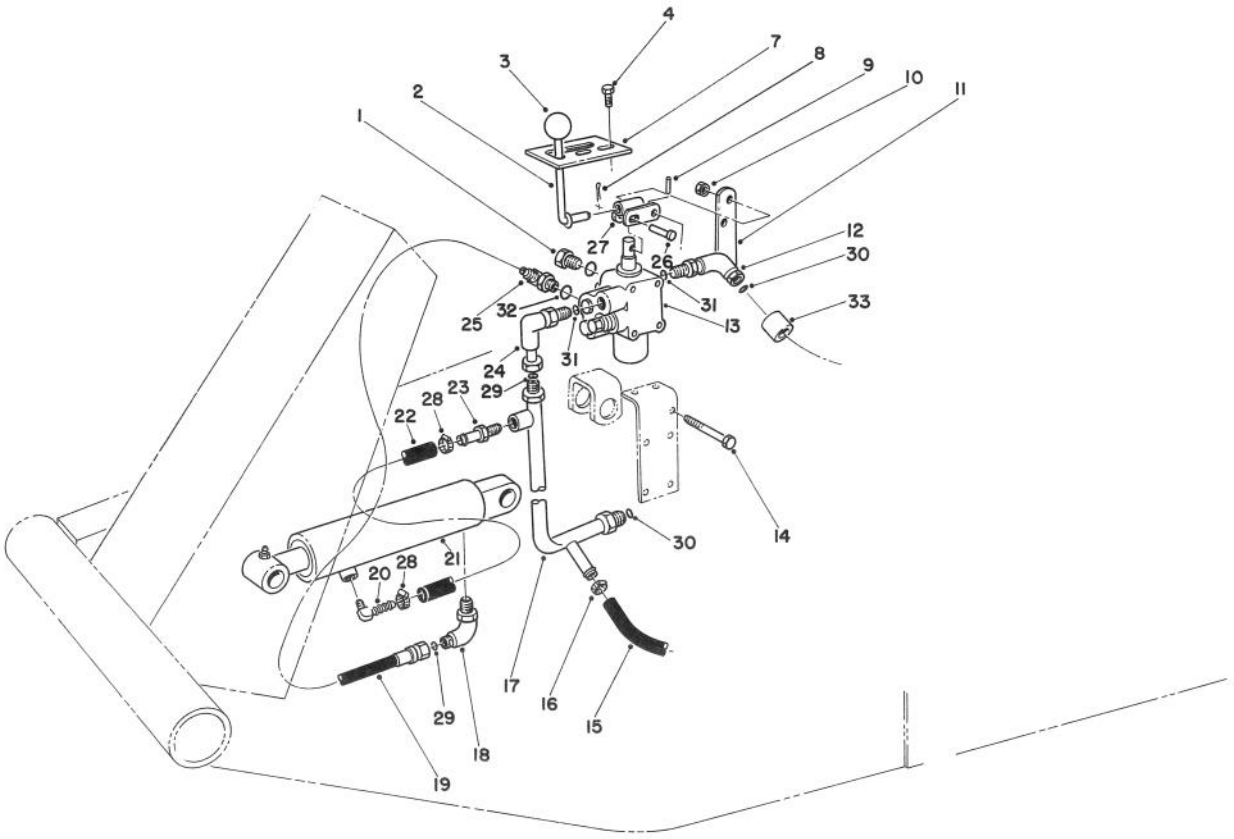
Ref. No.	Part No.	Description	No. Used
25	25–2510	Washer – Flat	2
26	25–2580	Trunnion Shaft	1
27	32151–46	Ring – Retaining	2
28	25–2460	Plug – Hex. Hd.	2
29	25–2470	Shim Pack	2
30	25–2570	Valve Spring	1
31	83–7260	Relief Valve Cone	2
32	353–551	Plug – Hex. Hd.	1
33	237–80	O–Ring	1
34	25–2550	Charge Pump Housing	1
35	67–8050	Bearing – Needle	1
36	67–8060	Lip Seal	1
37	322–4	Screw – Cap, Hex. Hd.	4
38	25–2680	Gerotor Assembly	1
39	25–2530	Headless Straight Pin	1
40	25–3190	Charge Pump (Incl. Ref. #34–39 & 41)	1
41	237–95	O–Ring	1
42	67–9090	Plug	1
43	25–2500	Trunnion Shaft	1
44	25–2480	Valve Spring	1
45	32120–15	Ring – Retaining	1
46	251–8	Bearing – Ball	1
47	32120–11	Ring – Retaining	1
48	25–2450	Variable Swashplate	1
49	32121–91	Pin – Coil ,Spring	3



TRANSMISSION ASSEMBLY NO. 92–8947 (Continued)

Ref. No.	Part No.	Description	No. Used
50	25–2380	Thrust Plate	2
51	25–2440	Pump Valve Plate	1
52	25–2430	Dowel Pin	2
53	46–8400	Bearing – Needle	2
54	62–4290	O–Ring	2
55	92–8918	Center Section	1
57	25–2390	Motor Valve Plate	1

Ref. No.	Part No.	Description	No. Used
58	46–8410	Motor Shaft	1
59	25–2400	Gasket	1
60	93–0312	Washer – Hardened	4
61	92–8776	Plug	4
62	92–8777	O–Ring	4
63	49–8520	Kit – Implement Relief (Incl. Ref. #7 & 28–31)	1



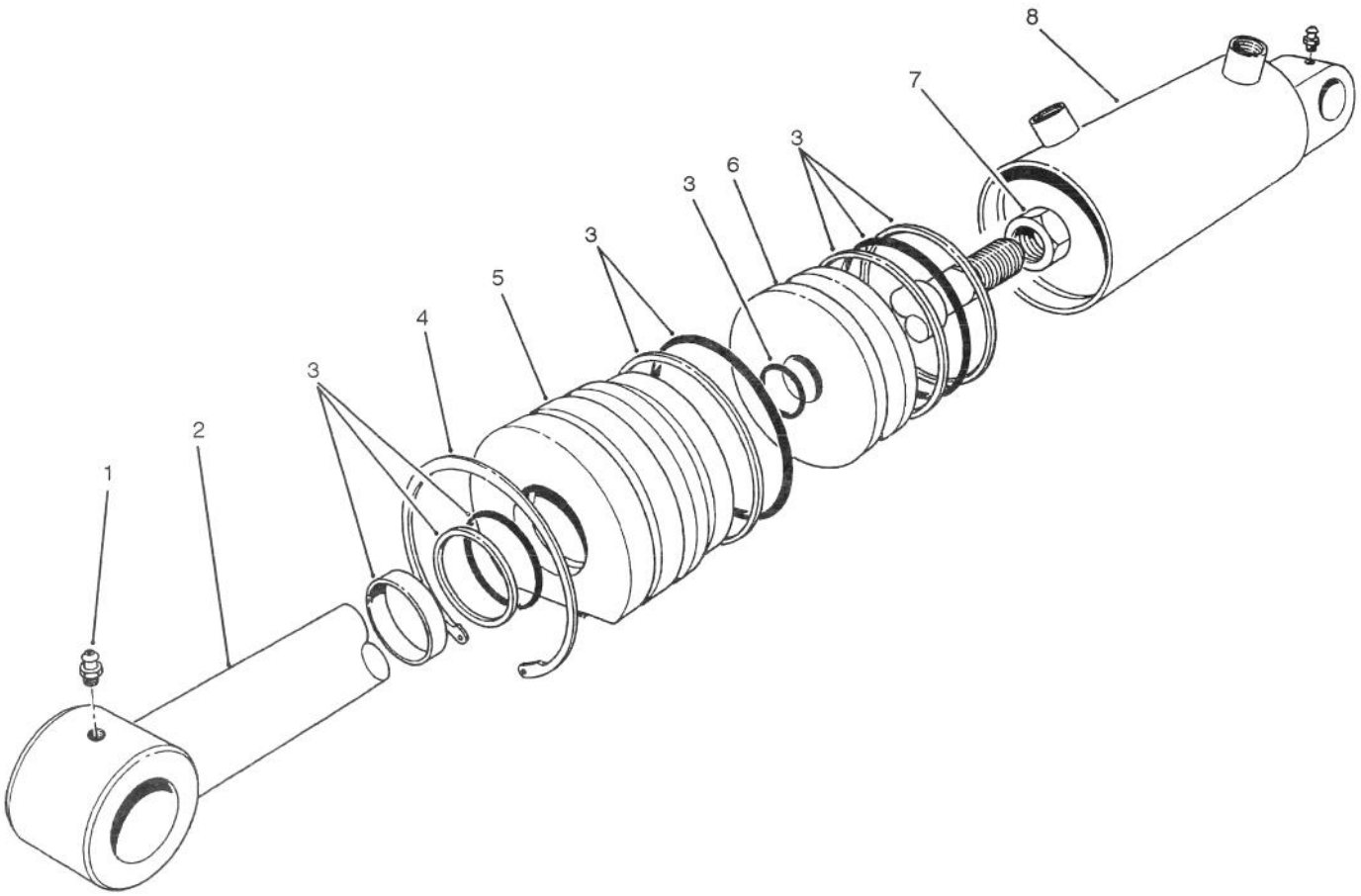
T–0426A

VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	353–512	Plug	1
2	21–8620	Lever Valve	1
3	233–21	Knob	1
4	32144–10	Screw – Self Tapping	2
7	21–8640	Latch – Valve Lever	1
8	3272–6	Pin – Cotter	1
9	32121–73	Pin – Slotted Spring	1
10	3296–42	Nut – Lock	5
11	21–9010	Pivot Mount – Valve Lever	1
12	340–99	Fitting – 90° Elbow	1
13	43–1710	Valve Assembly	1
14	321–23	Screw – Cap, Hex. Hd.	5
15	63–8990	Hose	1
16	2412–36	Clamp Hose	1
17	63–9260	Manifold – Valve	1
18	340–112	Elbow – 90°	1
19	92–7833	Hose – (Valve to Cylinder)	1

Ref. No.	Part No.	Description	No. Used
20	304–75	Fitting – 90° Barb	1
21	62–4250	Cylinder – Hydraulic	1
*	66–1250	Cylinder – Hydraulic (Optional)	1
22	92–7834	Hose	1
23	304–73	Fitting – Straight Barb	1
24	340–110	Elbow – 90°	1
25	340–97	Fitting – 90°	1
26	283–17	Pin	1
27	21–8590	Link – Valve Lever	1
28	2412–108	Clamp – Hose	2
29	237–22	O–Ring	2
30	237–30	O–Ring	2
31	237–42	O–Ring	2
32	237–78	O–Ring	2
33	38–3400	Guard – Rubber	1

*Not Illustrated



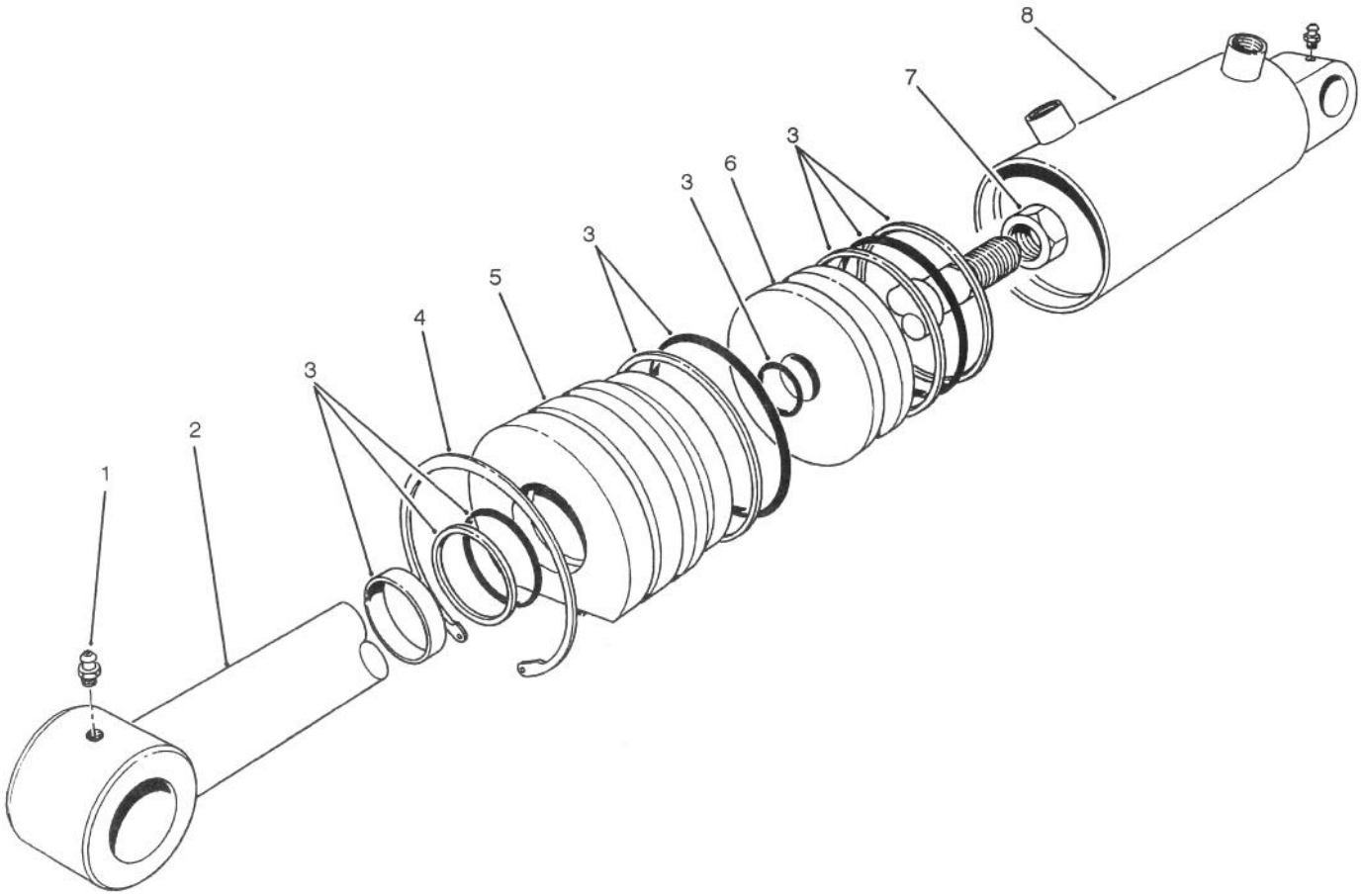
T–0527

HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 62–4250 (2–1/2" Bore)

Ref. No.	Part No.	Description	No. Used
1	302–55	Fitting – Grease	2
2	61–4980	Shaft – w/Clevis	1
3	61–4960	Repair Kit	1
4	61–4990	Ring – Retaining	1

Ref. No.	Part No.	Description	No. Used
5	60–9780	Head	1
6	60–9770	Piston	1
7	60–9760	Nut	1
*8		Barrel	1

*Not available separately.



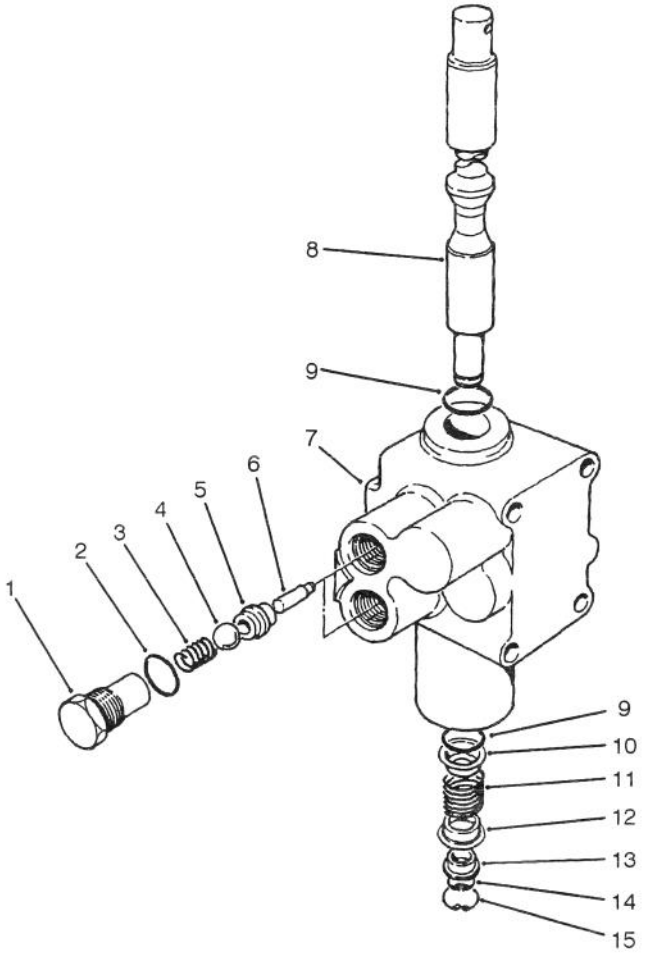
T–0527

HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 66–1250 (3" Bore)

Ref. No.	Part No.	Description	No. Used
1	302–55	Fitting – Grease	2
2	67–5480	Shaft	1
3	67–5500	Repair Kit	1
4	67–5470	Ring – Retaining	1

Ref. No.	Part No.	Description	No. Used
5	67–5460	Head	1
6	67–5450	Piston	I
7	60–9760	Nut – Hex	1
*8		Barrel	1

*Not available separately.

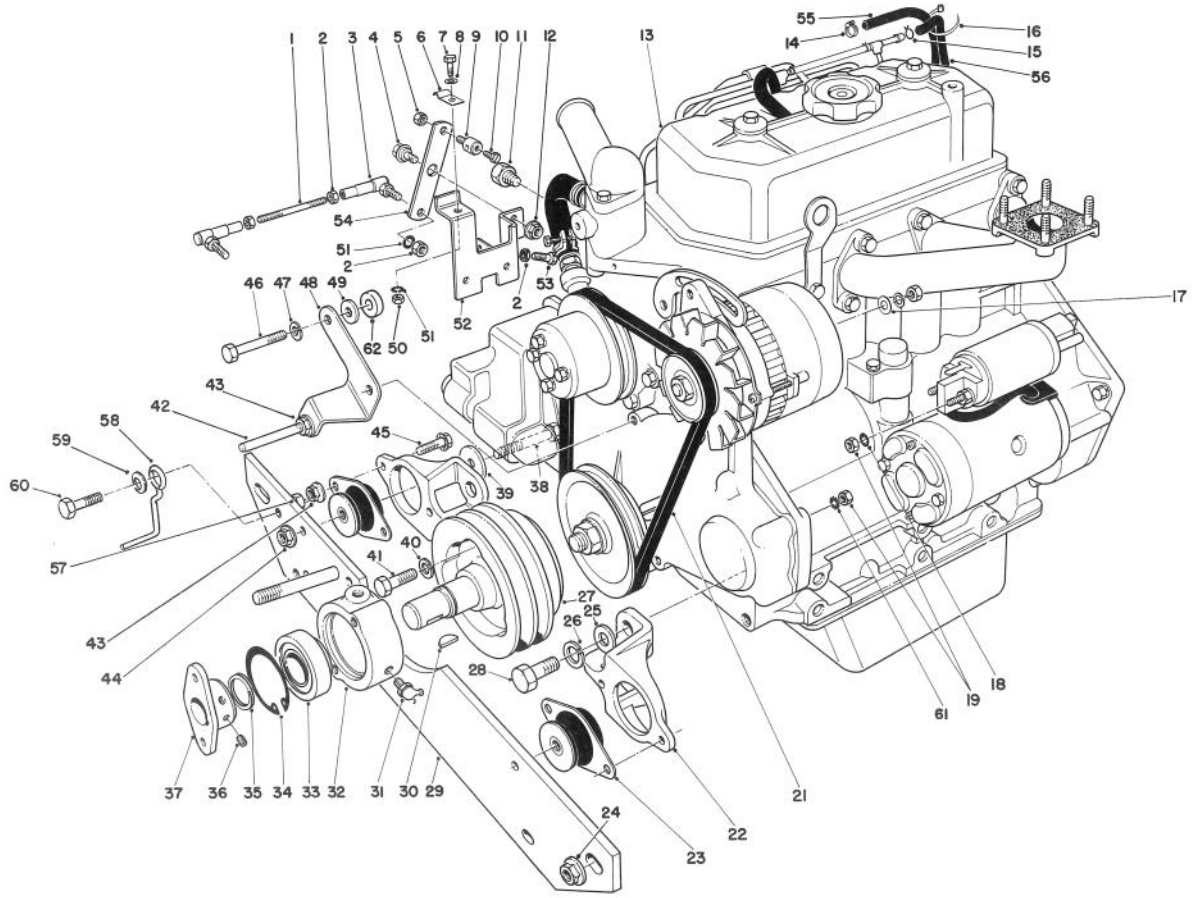


T–0428

CONTROL VALVE ASSEMBLY NO. 43–1710

Ref. No.	Part No.	Description	No. Used
1	22–8330	Plug	2
2	237–42	O–Ring	2
3	22–8340	Spring	2
4	22–8350	Ball	2
5	22–8370	Seat – Check Valve	2
6	22–8360	Pin – Cam	2
7	43–1730	Body	1
8	22–8420	Spool	1

Ref. No.	Part No.	Description	No. Used
9	22–8500	O–Ring	2
10	22–8380	Spring Retainer	1
11	22–8410	Spring	1
12	22–8390	Spring Retainer	1
13	22–8400	Spacer Float	1
14	22–8480	Spring Ring Spool	1
15	22–8490	Snap Ring	1

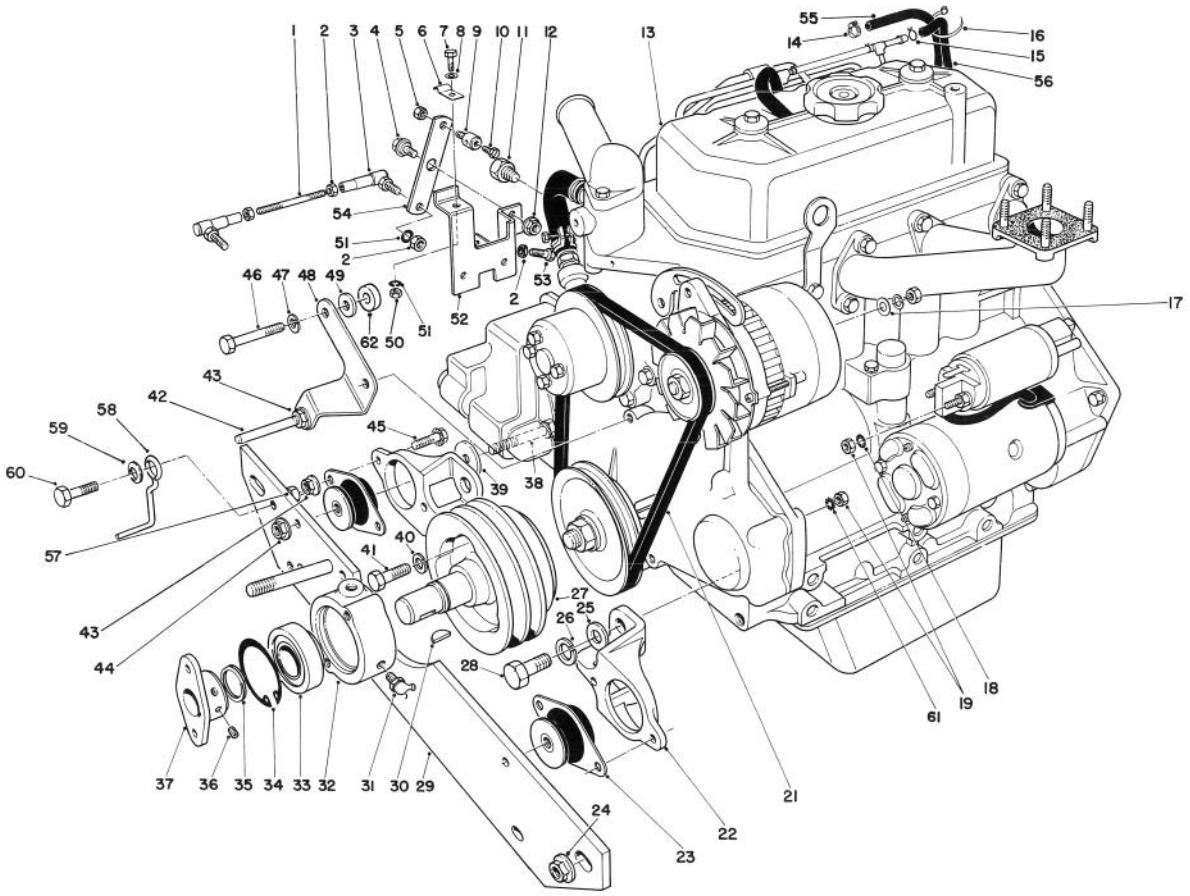


T-0429A

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43-3770	Link - Throttle	1
2	3219-1	Nut	5
3	18-1720	Ball Joint Assembly	2
4	37-8770	Bolt - Shoulder	1
5	3296-20	Nut - Lock	1
6	2412-31	Clamp - Bodine	1
7	321-4	Screw - Cap, Hex. Hd.	1
8	3256-22	Washer - Flat	1
9	43-3780	Swivel - Throttle Control	1
10	25-8640	Screw - Machine	1
11	43-1940	Adapter - Temp. Gauge	1
12	32152-1	Nut - Lock, Flange	1
13	43-1440	Engine	1
14	2412-108	Clamp - Worm Drive	1
15	2412-79	Clamp	1
16	3290-379	Cable Tie	1
17	5-3637	Washer	1
18	3254-2	Washer - Lock, Int. Tooth	2
19	42-9580	Nut	2
21	42-9100	Belt Fan	1
22	53-9710	Engine Mount	2
23	53-9680	Engine Mount - Rubber	2
24	32128-23	Nut - Lock, Flange	2
25	3256-64	Washer - Flat	4
26	43-5950	Washer - Lock	4
27	43-3510	Pulley - Engine	1

Ref. No.	Part No.	Description	No. Used
28	43-3210	Screw - Cap, Hex. Hd.	4
29	75-9900	Engine Support - Front	1
30	3257-33	Key - Woodruff	1
31	302-10	Fitting - Grease	1
32	43-3720	Collar - Bearing	1
33	251-252	Bearing - Ball	1
34	32120-22	Ring - Retaining, Internal	1
35	32120-69	Ring - Retaining, External	1
36	3241-5	Screw - Set, Socket Head	2
37	27-1960	Hub - Engine	1
38	324-12	Screw - Cap, Hex. Hd.	2
39	53-9480	Washer	2
40	42-9600	Washer - Lock	3
41	43-3190	Screw - Cap, Hex. Hd.	3
42	21-1820	Stud - Belt Retainer	2
43	3290-357	Nut - Lock, Flange	7
44	32128-37	Nut - Lock, Flange	2
45	3234-11	Screw - Cap, Hex. Hd.	4
46	42-9510	Screw - Cap, Hex. Hd.	2
47	3253-4	Washer - Lock	2
48	43-3790	Bracket - Belt Guide	1
49	4-2390	Washer	2
50	3217-5	Nut	1
51	3253-3	Washer - Lock	3
52	43-3730	Bracket Throttle Control	1
53	329-7	Screw - Cap, Hex. Hd.	1

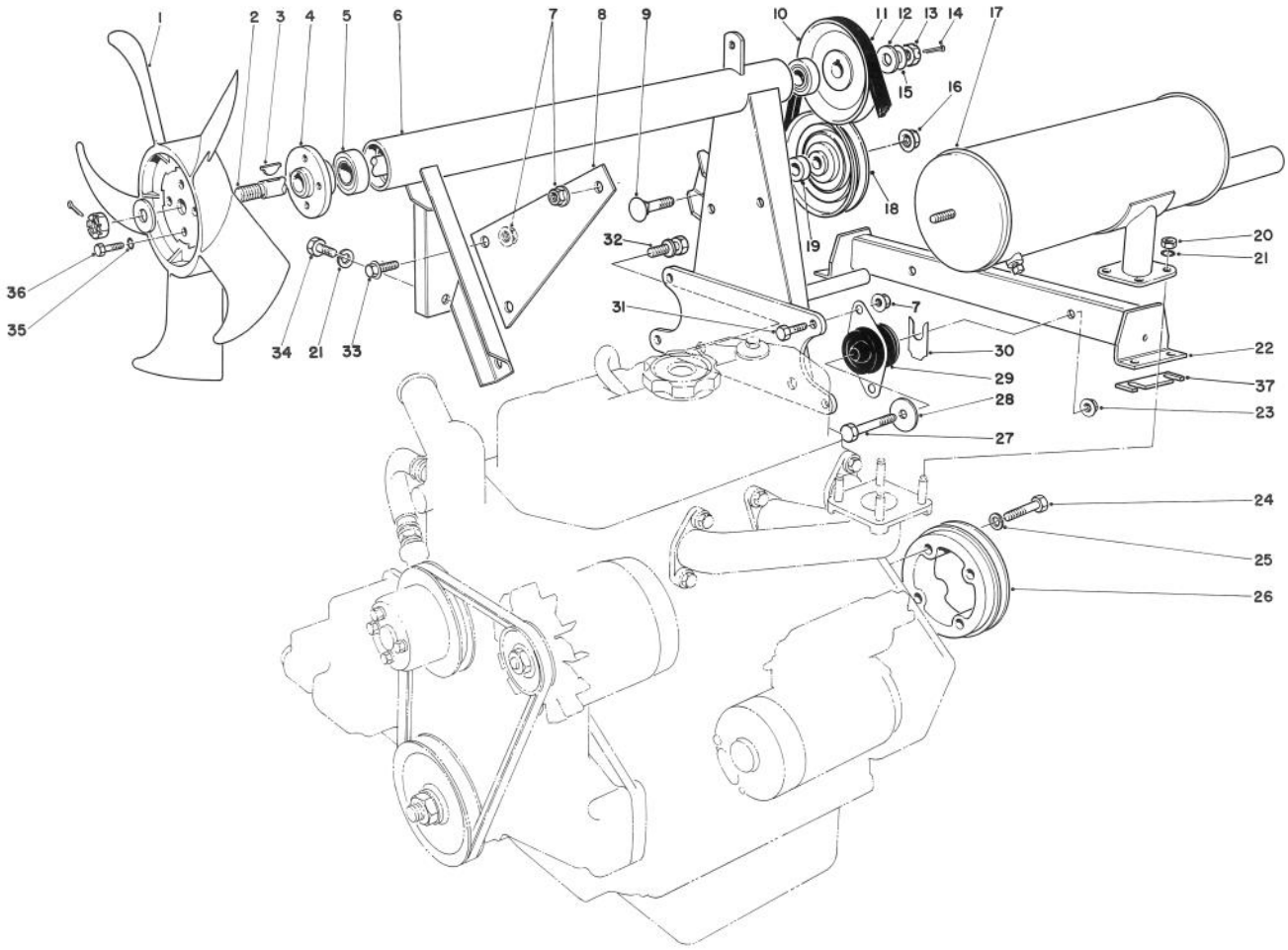


T-0429A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
54	43-3760	Lever - Throttle	1
55	47-7420	Hose	1
56	43-4230	Hose	1
57	32153-2	Nut - Lock	1
58	63-1400	Belt Guide	1

Ref. No.	Part No.	Description	No. Used
59	3290-224	Washer - Lock	1
60	3234-18	Screw - Cap, Hex. Hd.	1
61	3255-9	Washer - Lock, Ext. Tooth	1
62	5-0652	Spacer	2



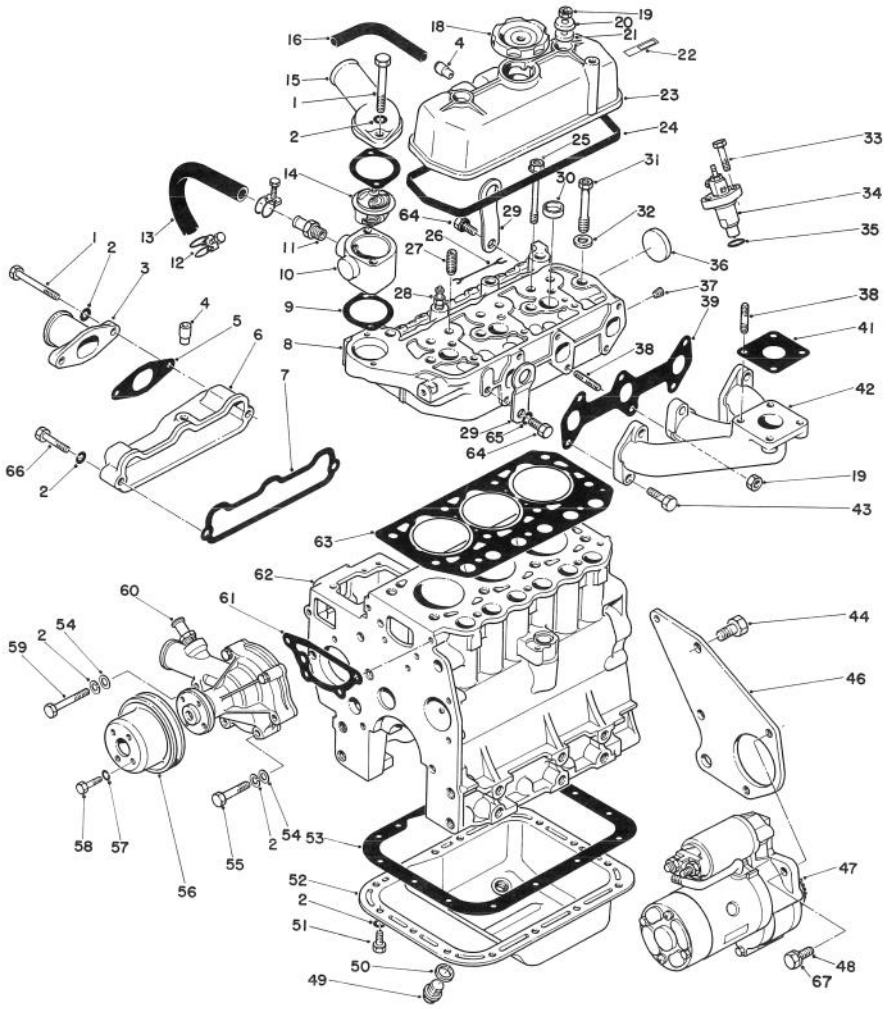
T-0430A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	43-1910	Fan - Cooling	1
2	43-3690	Fan - Shaft	1
3	3257-30	Key - Woodruff	2
4	43-3700	Hub-Fan	1
5	38-7820	Bearing	2
6	53-9750	Fan Mount	1
7	3290-357	Nut - Lock, Flange	8
8	43-3870	Support - Muffler	1
9	3233-14	Bolt - Carriage	1
10	43-3880	Pulley	1
11	43-5910	V-Belt	1
12	29-8910	Washer	2
13	32136-3	Nut - Hex. Slotted	2
14	3272-16	Pin - Cotter	2
15	3-6803	Washer	A/R
16	32128-23	Nut - Lock, Flange	1
17	43-3850	Muffler	1
18	66-5310	Idler Pulley	1
19	66-5320	Spacer	1
20	42-9580	Nut	4

Ref. No.	Part No.	Description	No. Used
21	3253-4	Washer - Lock	5
22	77-3140	Engine Mount	1
23	32128-37	Nut - Lock, Flange	2
24	43-3200	Screw - Cap, Hex. Hd.	4
25	42-9600	Washer - Lock	4
26	43-3530	Pulley Flywheel	1
27	324-11	Screw - Cap, Hex. Hd.	2
28	53-9480	Washer	2
29	53-9680	Engine Mount - Rubber	2
30	42-6080	Shim	A/R
31	3234-11	Screw - Cap, Hex. Hd.	4
32	66-7030	Screw - Cap, w/Washer	2
33	3234-12	Screw - Lock, Flange	2
34	42-9230	Screw - Cap, Hex. Hd.	1
35	3253-3	Washer - Lock	4
36	321-3	Screw - Cap, Hex. Hd.	4
37	68-9110	Shim	A/R
*	68-9111	Shim	A/R
*	68-9112	Shim	A/R

*Not Illustrated

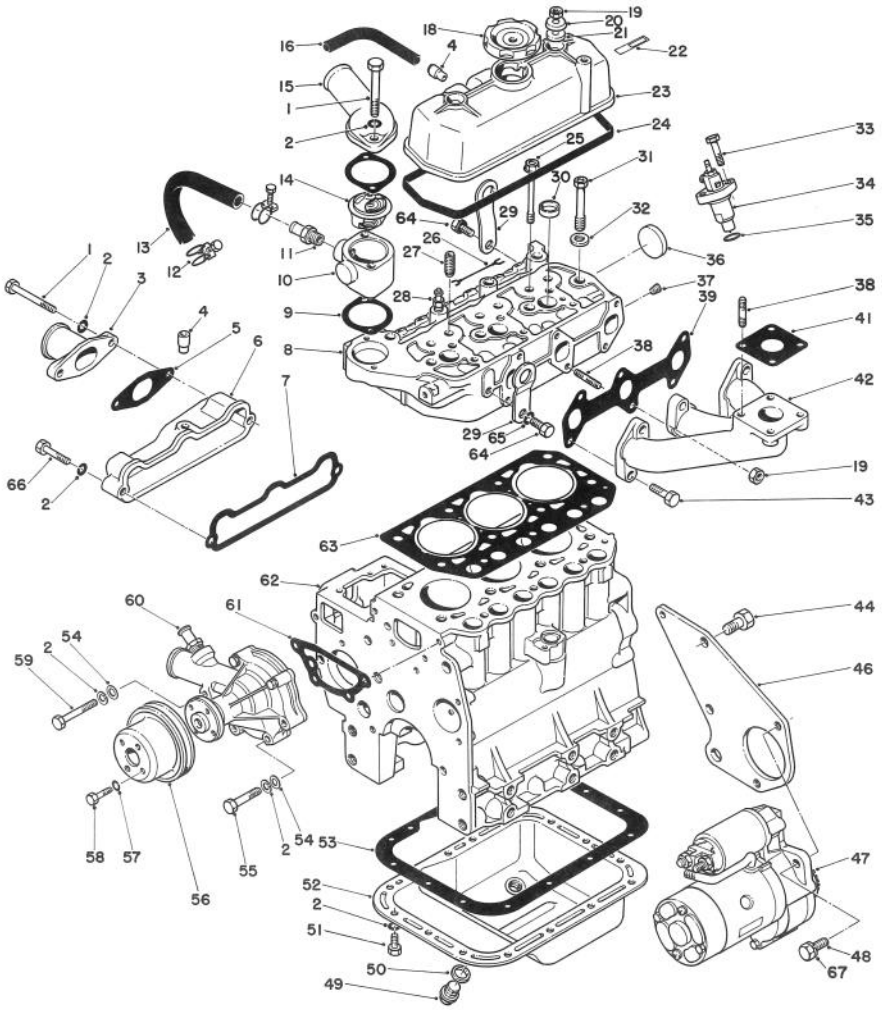


T-0431

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	42-9310	Screw – Cp, Hex. Hd.	4
2	42-9850	Washer – Lock	24
3	42-9150	Pipe Inlet	1
4	42-7510	Pipe	2
5	42-9160	Gasket – Inlet Pipe	1
6	42-9120	Intake Manifold Assembly	1
7	42-9140	Gasket – Intake Manifold	1
8	72-4290	Head Assembly – Cylinder	1
9	42-7550	Gasket	2
10	43-1790	Fitting – Thermostat	1
11	42-7740	Nipple – Hose	1
12	43-3140	Clamp – Hose	2
13	43-3130	Hose – Water (Incl. Ref. #12)	1
14	43-1780	Thermostat	1
15	42-7540	Fitting – Water Outlet	1
16	42-7430	Pipe – Air Breather	1
18	42-7420	Cap – Oil Filter	1
19	42-9580	Nut (8)	3
20	42-9800	Washer	2
21	42-7490	Seal – Oil	2
22	42-7530	Label – Engine No.	1
23	42-7500	Cover Assembly – Rocker	1
24	42-7520	Gasket – Rocker Cover	1
25	42-9330	Bolt – Cylinder Head (10 x 90)	3

Ref. No.	Part No.	Description	No. Used
26	42-9180	Wire – Glow Plug Lead	2
27	42-7460	Guide – Valve	6
28	42-7480	Glow Plug	3
29	42-7440	Hanger – Engine	2
30	42-7080	Cap – Sealing (25)	3
31	42-9320	Bolt – Cylinder Head (12 x 98)	8
32	42-9790	Washer – Head Bolt	8
33	42-9390	Bolt (8 x 32)	6
34	44-8070	Nozzle & Holder Assembly	3
35	42-8120	Gasket – Nozzle Holder	3
36	42-7090	Cap – Sealing (45)	1
37	42-7410	Plug – Taper 1/8	1
38	42-9570	Stud (8 x 25)	5
39	42-9170	Gasket – Exhaust Manifold	1
41	42-9110	Gasket	1
42	43-1870	Manifold – Exhaust	1
43	42-9520	Screw – Cap (8 x 30)	5
44	42-9240	Screw – Cap (12 x 28)	3
46	43-1770	Plate – Rear	1
47	46-7610	Starter Assembly	1
48	43-0090	Screw – Cap (10 x 25)	2
49	42-9260	Plug – Oil Drain	1
50	42-7290	Gasket – Oil Drain Plug (18)	1
51	42-9230	Screw – Cap (8 x 16)	15



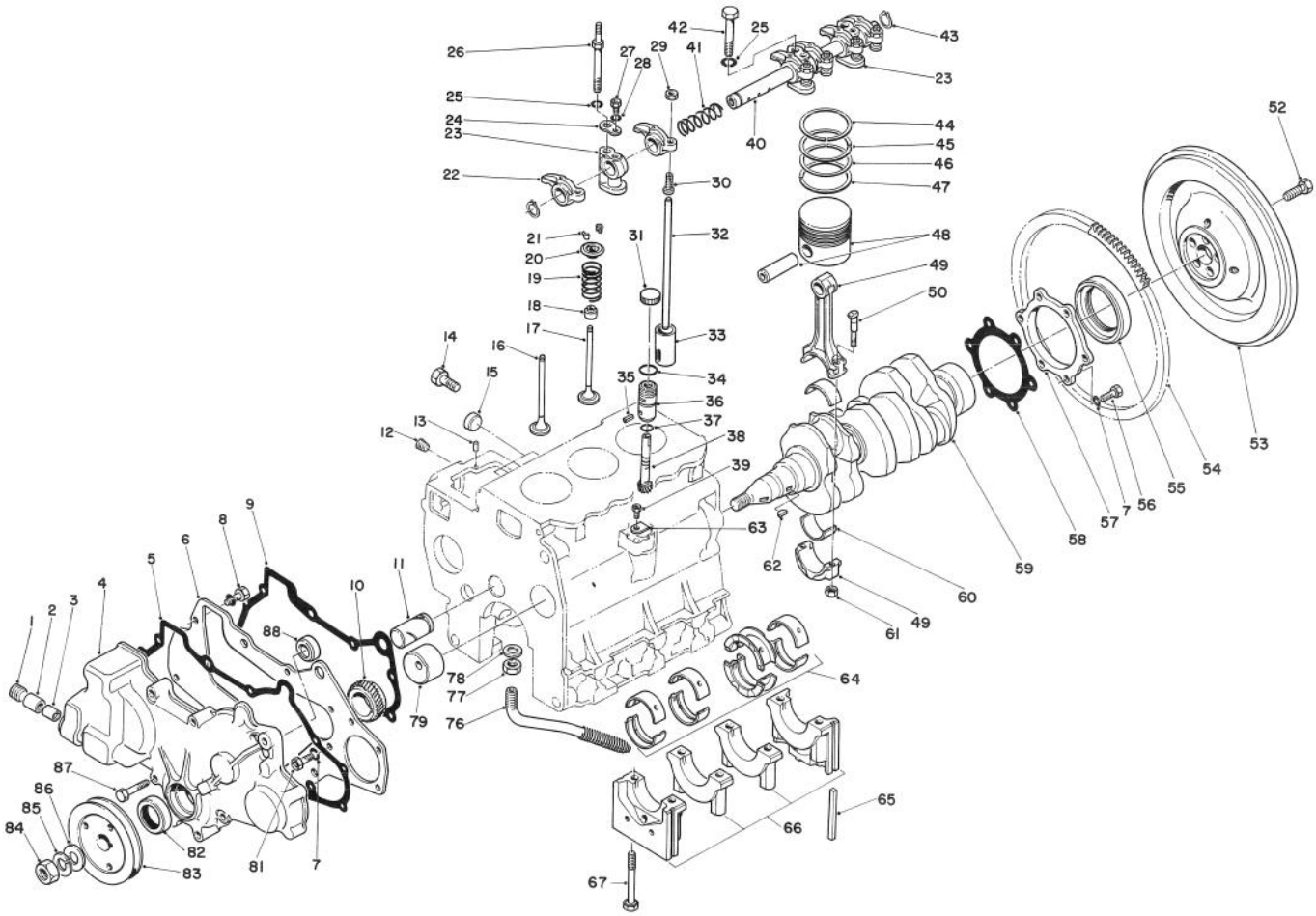
T-0431

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	42-7280	Oil Pan Assembly (Inc. Ref. #49 & 50)	1
53	42-7300	Gasket – Oil Pan	1
54	42-9660	Washer – Plain (8)	4
55	42-9500	Screw – Cap (8 x 45)	3
56	42-9070	Pulley – Water Pump	1
57	43-5930	Washer – Lock	4
58	42-9490	Screw – Cap (6 x 12)	4
59	42-9510	Screw – Cap (8 x 60)	1

Ref. No.	Part No.	Description	No. Used
60	42-9080	Water Pump Assembly	1
61	42-9090	Gasket – Water Pump	1
62	48-2020	Cylinder Block Sub Assy.	1
63	42-7470	Gasket – Cylinder Head	1
64	42-9300	Screw –Cap (10 x 20)	2
65	42-9600	Washer – Lock	2
66	42-9530	Screw – Cap (8 x 40)	1
67	42-9600	Washer – Lock	2
*	42-9200	Complete Gasket Set	1

*Not Illustrated



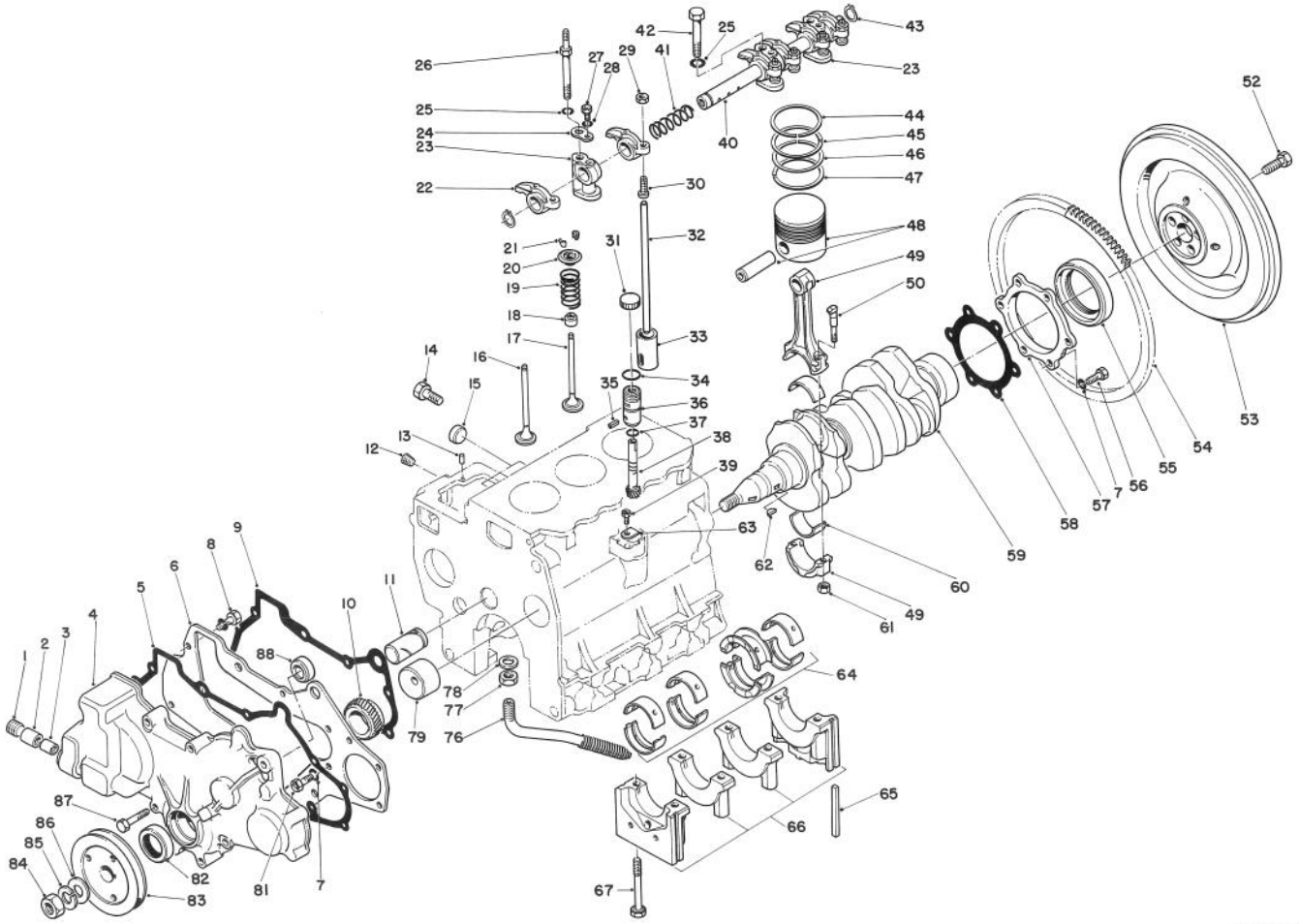
T-0432A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	42-7400	Plug – Taper	1
2	42-7320	Bearing – Needle	1
3	42-7310	Bearing – Needle	1
4	42-7330	Case – Gear	1
5	42-7340	Gasket – Gear Case	1
6	62-3740	Plate – Front	1
7	42-9850	Washer – Lock	11
8	62-3730	Screw – Cap, w/Washer	2
9	42-7150	Gasket – Front Plate	1
10	42-7700	Gear – Crankshaft	1
11	42-7110	Shaft – Idler	1
12	42-7210	Plug – Taper	3
13	42-7030	Pin – Dowel	2
14	42-9250	Screw – Cap, Hex. Hd.	4
15	42-7080	Cap – Sealing	2
16	42-7900	Valve – Intake	3
17	42-7910	Valve – Exhaust	3
18	42-7870	Seal – Valve Stem	6
19	42-7880	Spring – Valve	6
20	42-7850	Retainer – Valve Spring	6
21	42-7860	Lock – Spring Retainer	12
22	42-7940	Arm – Rocker	6
23	42-7970	Stay – Rocker	3
24	42-7950	Washer – Seat	2
25	42-9600	Washer – Spring	3

Ref. No.	Part No.	Description	No. Used
26	42-9360	Bolt	2
27	42-9350	Screw – Cap, Hex. Hd.	2
28	43-5930	Washer – Lock	2
29	42-9620	Nut – Jam	6
30	42-7980	Screw – Adjusting	6
31	49-7990	Cap – Shipping	1
32	42-7920	Rod – Push	6
33	42-7890	Tappet	6
34	42-9010	O-Ring	1
35	42-8970	Pin – Spring	1
36	42-8980	Sleeve – Gear	1
37	42-8990	O-Ring	1
†38		Gear – Driven	1
39	42-9440	Screw – Cap, Hex. Hd.	1
40	42-7960	Shaft Assembly – Rocker	1
41	42-7930	Spring – Rocker Shaft L.H.	1
42	42-9370	Screw – Cap, Hex. Hd.	1
43	42-7990	Ring – Snap	2
44	72-4200	Ring – Set – Piston Std.	3
45	72-4210	Ring Set – Piston 0.25 (.010 in.) 0.5.	3
46	72-4220	Ring Set – Piston 0.50 (.020 in.) 0.5.	3
47	72-4230	Ring Set – Piston 075 (.030 in.) 0.5.	3

*Not Illustrated
†Not Serviced Separately



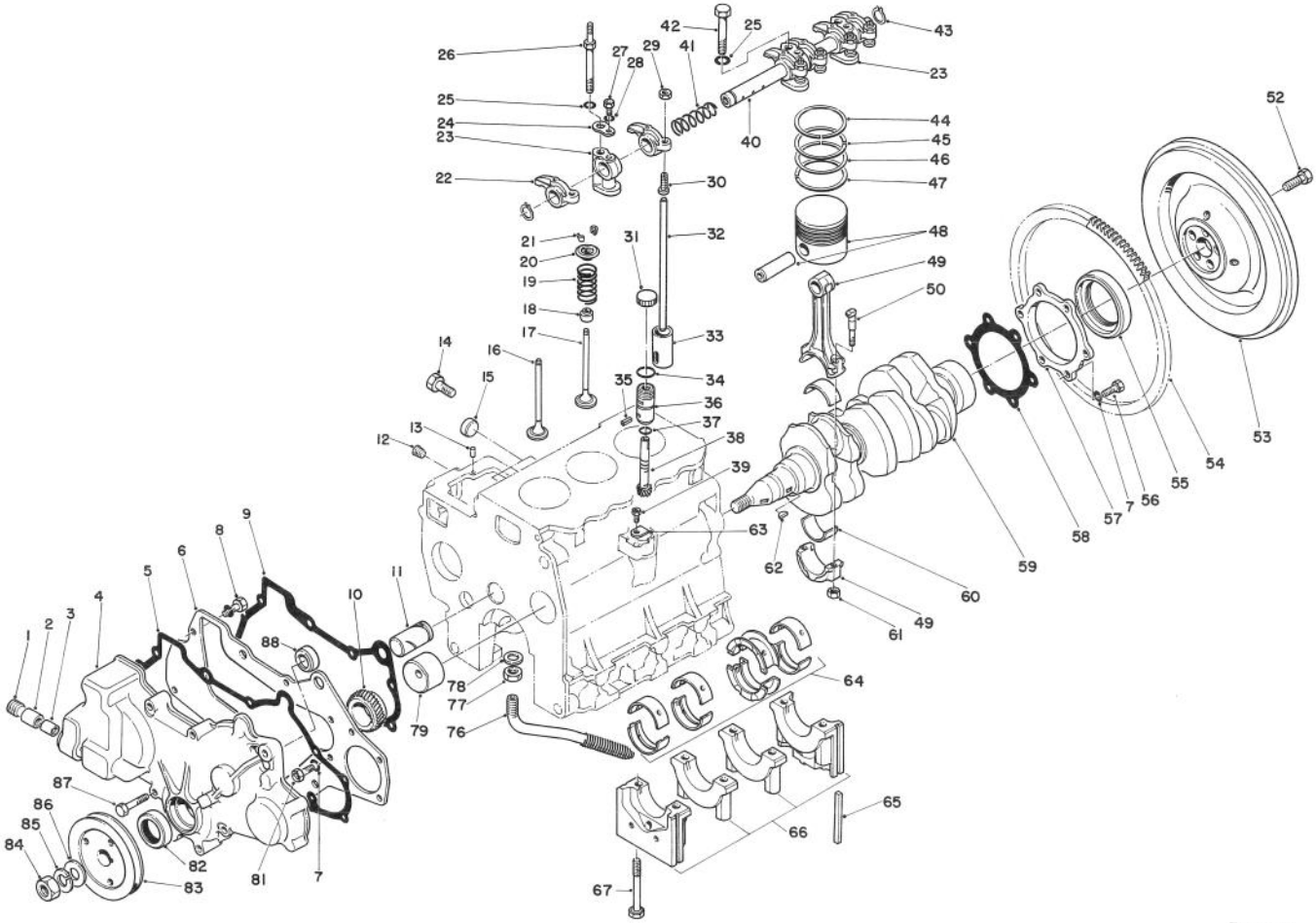
T-0432A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
48	72-4240	Piston & Piston Pin Std.	3
*	72-4250	Piston & Piston Pin 0.25 (.010 in.) 0.5.	3
*	72-4260	Piston & Piston Pin 0.50 (.020 in.) 0.5.	3
*	72-4270	Piston & Piston Pin 0.75 (.030 in.) 0.5.	3
49	42-7650	Connecting Rod Assembly	3
50	42-9470	Bolt - Connecting Rod	6
52	54-8670	Bolt - Flywheel	5
53	43-1800	Flywheel (Incl. Ref. #54)	1
54	43-1810	Gear - Ring	1
55	42-7060	Seal - Oil	1
56	42-9220	Screw - Cap, Hex. Hd.	6
57	42-7120	Case - Oil Seal	1
58	42-7130	Gasket - Oil Seal	1
59	42-7710	Crankshaft	1
60	42-7660	Bearing Set Connecting Rod Std.	3
*	42-7670	Bearing Set Connecting Rod 0.25 (.010 in.) U.S.	3
*	42-7680	Bearing Set Connecting Rod 0.50 (.020 in.) U.S.	3

Ref. No.	Part No.	Description	No. Used
*60	42-7690	Bearing Set Connecting Rod 0.75 (.030 in.) U.S.	3
61	42-9590	Nut - Connecting Rod	6
62	42-7730	Key - Woodruff	2
63	42-9020	Plate - Locking	1
64	42-7230	Bearing Set Crankshaft Std.	1
*	42-7240	Bearing Set - Crankshaft 0.25 (.010 in.) U.S.	1
*	42-7250	Bearing Set - Crankshaft 0.50 (.020 in.) U.S.	1
*	42-7260	Bearing Set - Crankshaft 0.75 (.030 in.) U.S.	1
65	42-7040	Seal - Side	4
†66		Bearing Cap Assembly	1
67	42-9210	Bolt - Bearing Cap	8
76	48-2010	Screen - Assembly Oil	1
77	48-1990	Nut - Jam	1
78	48-1980	Gasket	1
79	42-7100	Bushing - Camshaft	1
81	42-9230	Screw - Cap, Hex. Hd.	3
82	42-7390	Seal - Oil	1
83	42-7720	Pulley - Crankshaft	1
84	43-6470	Nut	1
85	42-9860	Washer -Spring	1

*Not Illustrated
†Not Available

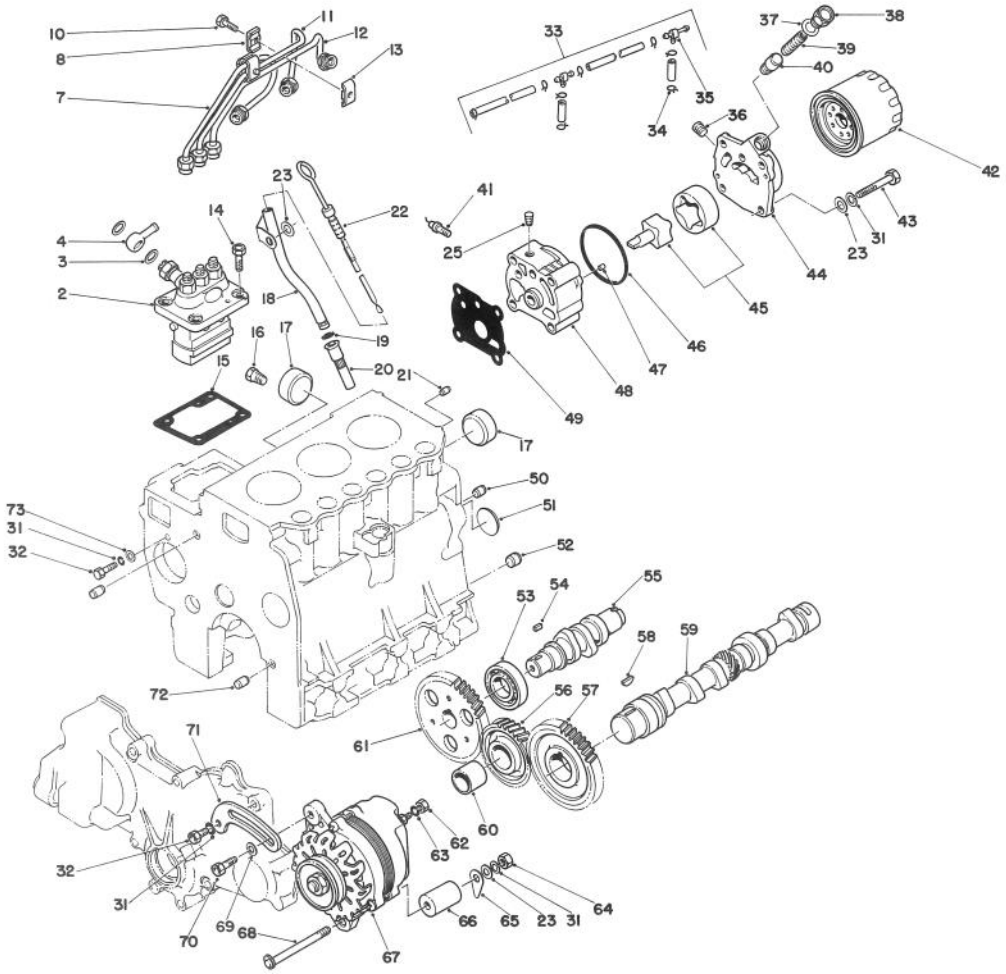


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
86	42-9810	Washer - Flat	1
87	42-9500	Screw - Cap, Hex. Hd.	8

Ref. No.	Part No.	Description	No. Used
88	82-2590	Plug - Thrust	1
*	42-8960	Driven Unit - Speedometer (Incl. Ref. #34-38)	1

*Not Illustrated
†Not Available



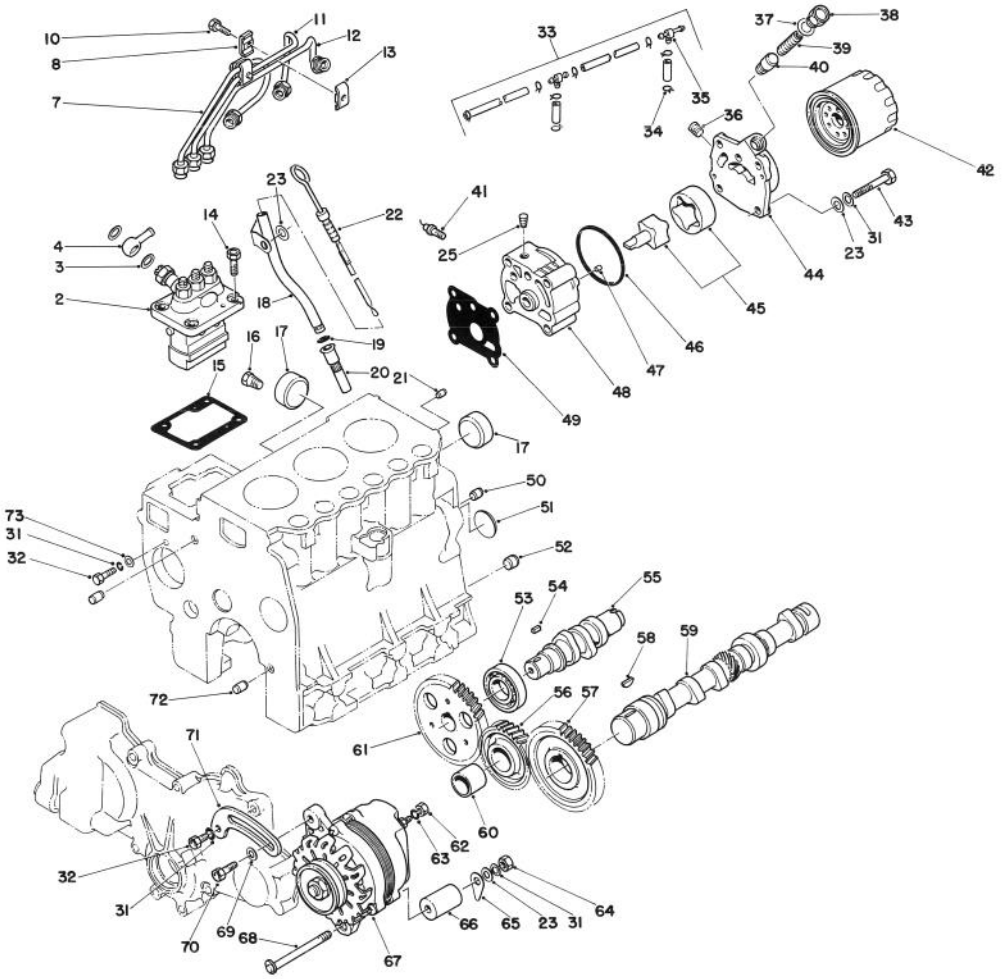
T-0433

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
2	42-8000	Pump Assy. – Fuel Injection	1
3	42-9830	Washer – Seal	2
4	42-8100	Collar – Union	1
7	42-8130	Pipe Assy. – Fuel Injection (No. 1)	1
8	42-8160	Clamp	2
10	43-2600	Capscrew	2
11	42-8140	Pipe Assy. – Fuel Injection (No. 2)	1
12	42-8150	Pipe Assy. – Fuel Injection (No.3)	1
13	42-8170	Clamp	2
14	43-0110	Screw – Cap, Hex. Hd.	4
15	42-8010	Shim – 0.2 (.008 in.)	A/R
*	42-8020	Shim – 0.3 (.012 in.)	A/R
*	42-8030	Shim – 0.4 (.016 in.)	A/R
*	42-8040	Shim – 0.5 (.020 in.)	A/R
*	42-8050	Shim – 0.6 (.024 in.)	A/R
*	42-8060	Shim – 0.7 (.028 in.)	A/R
*	42-8070	Shim – 0.8 (.032 in.)	A/R
*	42-8080	Shim – 0.9 (.036 in.)	A/R
*	42-8090	Shim – 1.0 (.039 in.)	A/R
16	281-1	Plug – Taper	1
17	42-7090	Cap – Sealing	2
18	42-7050	Guide – Oil Level Gauge	1
19	43-2710	O-Ring	1

Ref. No.	Part No.	Description	No. Used
20	43-2900	Retainer – Oil Level Guide	1
21	42-7160	Pin – Dowel	1
22	42-7270	Gauge Assy. – Oil Level	1
23	42-9660	Washer – Flat	6
25	42-7410	Plug – Taper	1
31	42-9850	Washer – Lock	7
32	42-9230	Screw – Cap, Hex. Hd.	2
33	42-8180	Fuel Return Pipe Assembly	1
34	2412-79	Clamp – Hose	8
35	42-8190	Joint	2
36	42-7210	Plug – Taper	1
37	42-8880	Gasket	1
38	42-8870	Plug	1
39	42-8930	Spring – Relief	1
40	42-8860	Plunger – Relief	1
41	42-9060	Oil Pressure Switch Assy.	1
42	42-9030	Filter Assembly – Oil	1
43	42-9480	Screw – Cap, Hex. Hd.	4
44	42-8920	Cover – Oil Pump	1
45	42-8910	Rotor Assembly – Oil Pump	1
46	42-8940	O-Ring	1
47	42-7030	Pin – Dowel	2
48	42-8900	Body – Oil Pump	1
49	42-8950	Gasket – Oil Pump Body	1
50	42-7180	Bushing – Knock	2
51	42-7170	Plug – Expansion	1

*Not Illustrated

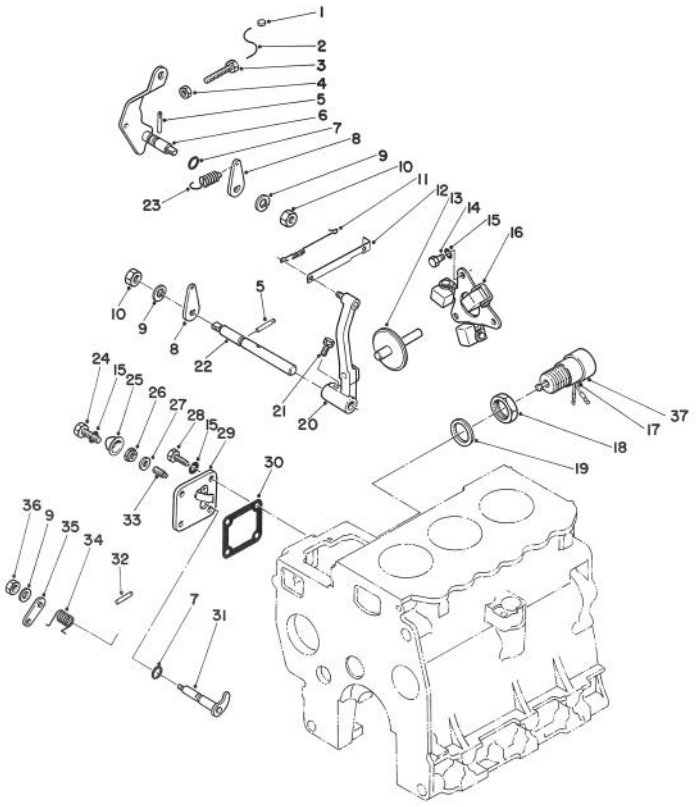


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	42-7200	Bushing – Knock	1
53	42-7820	Bearing – Ball	1
54	42-7840	Key – Sunk	1
55	42-7810	Shaft – Injection Pump Cam	1
56	42-7790	Idler Gear Assembly (Incl. Ref. #60)	1
57	42-7780	Gear – Camshaft	1
58	42-7730	Key – Woodruff	1
59	72-4280	Camshaft	1
60		Bushing – Idler Gear	1
61	42-7830	Gear – Injection Pump Cam	1
62	43-5970	Nut	1
63	43-5920	Washer – Lock	1

Ref. No.	Part No.	Description	No. Used
64	42-9580	Nut	1
65	43-0370	Shim	AIR
66	43-0380	Spacer	1
67	43-0390	Alternator (Model AH2035M4)	1
68	43-1900	Screw – Cap, Hex. Hd.	1
69	54-8660	Washer	1
70	54-8650	Screw – Cap, Flange Hd.	1
71	43-0400	Brace – Alternator	1
72	42-7190	Bushing – Knock	2
73	42-9820	Washer	1
*	42-8850	Oil Pump Assembly (Incl. Ref. 36-40 & 44-48)	1

*Not Illustrated

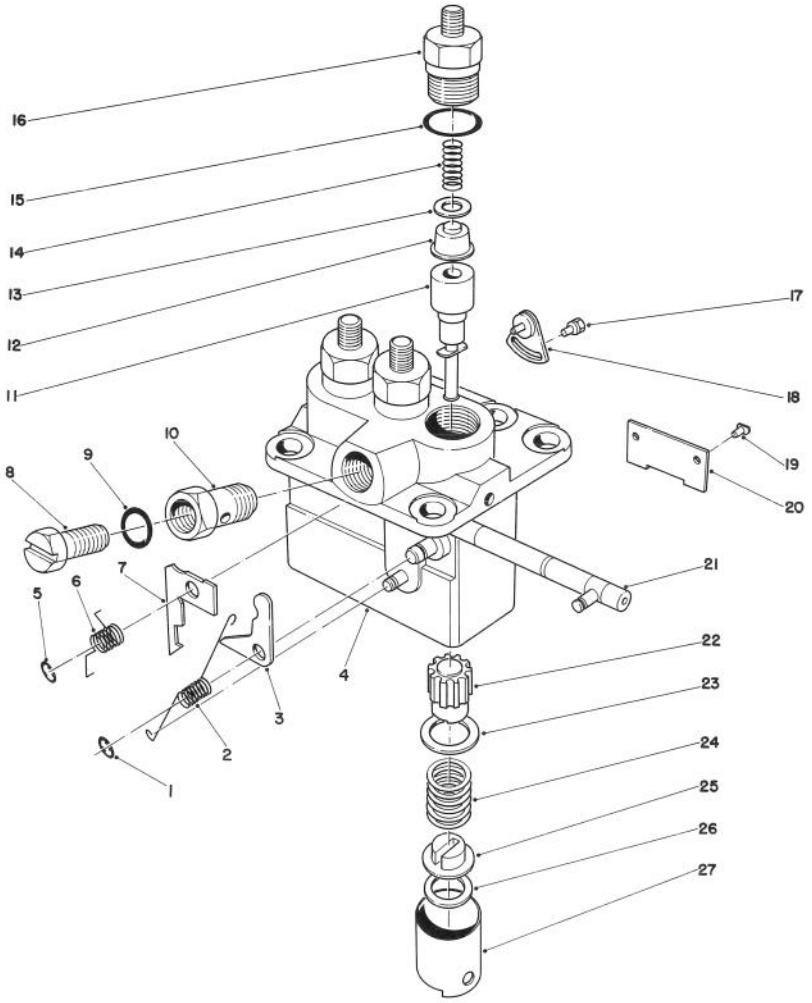


T-0434

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	42-8690	Metal – Sealing	1
2	42-8700	Wire	1
3	42-9420	Bolt – High Speed Set	1
4	43--2830	Nut	1
5	42-8810	Pin – Grooved	2
6	42-8780	Speed Control Lever Assy.	1
7	42-8830	O-Ring	2
8	42-8770	Lever – Governor Spring	2
9	42-9850	Washer – Lock	2
10	42-9580	Nut – Jam	2
11	42-8740	Spring – Tie Rod	1
12	42-8750	Tie Rod	1
13	42-8720	Sliding Shaft Assembly	1
14	42-9430	Screw – Cap, Hex. Hd.	3
15	43-5930	Washer – Lock	7
16	42-8710	Weight Assy. – Governor	1
17	43-2730	Solenoid – Tubular	1
18	43-2750	Nut	1
19	43-2740	Gasket	1

Ref. No.	Part No.	Description	No. Used
20	42-8730	Governor Lever Assembly	1
21	42-9450	Bolt/Washer – Assembled	1
22	42-8760	Governor Shaft	1
23	42-8820	Governor Spring	1
24	43-2800	Screw – Cap, Hex. Hd.	1
25	43-2820	Sealing Cap	1
26	43-5960	Nut – Special	1
27	43-3120	Washer – Seal	1
28	42-9400	Screw – Cap, Hex. Hd.	3
29	42-8790	Cover Assembly (Incl. Ref. #25, 27 & 33)	1
30	42-8800	Gasket Cover	1
31	44-8090	Lever Assembly Stop	1
32	42-8810	Pin – Grooved	1
33	43-3160	Screw – Adjusting	1
34	44-8100	Spring Return	1
35	43-2770	Lever – Stop	1
36	42-9640	Nut – Jam	1
37	62-6940	Cap	1



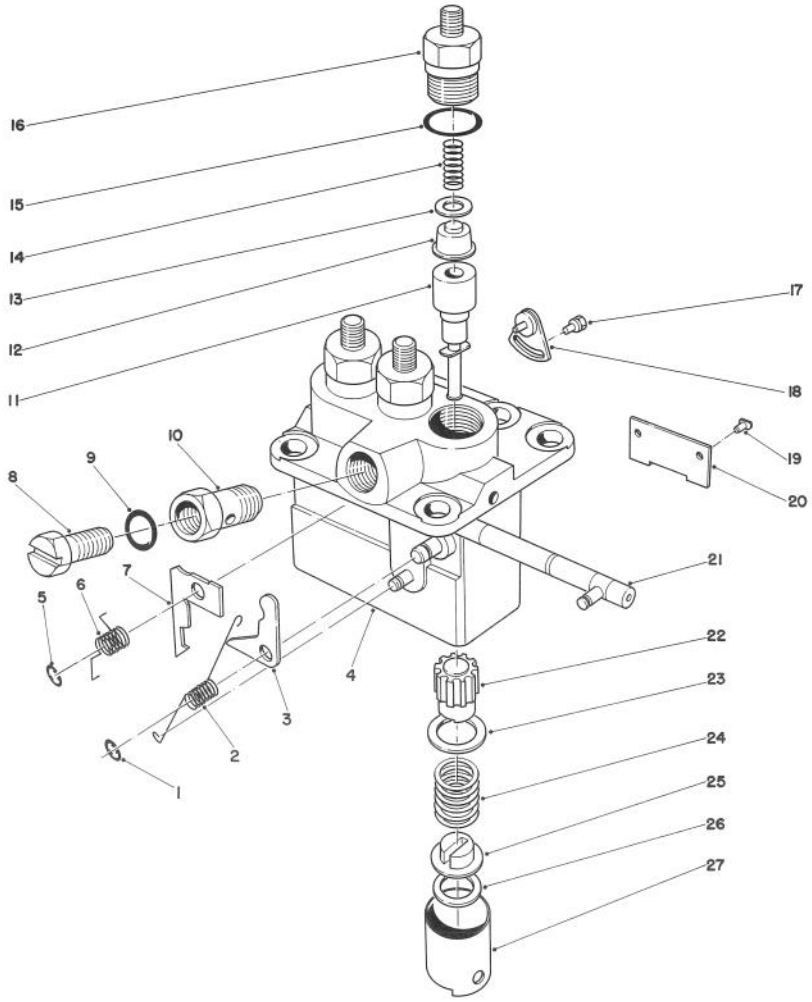
T-0435

FUEL INJECTION PUMP ASSEMBLY NO. 42-8000

Ref. No.	Part No.	Description	No. Used
1	43-3100	E-Ring	1
2	43-3110	Spring - Ungleich Set	1
3	43-2910	Plate - Ungleich Set 16.9 (.665 in.)	A/R
*	43-2920	Plate - Ungleich Set 16.8 (.661 in.)	A/R
*	43-2930	Plate - Ungleich Set 16.7 (.657 in.)	A/R
*	43-2940	Plate - Ungleich Set 16.6 (.654 in.)	A/R
*	43-2950	Plate - Ungleich Set 16.5 (.650 in.)	A/R
4		Pump Housing Sub Assy.	1
5	54-8780	E-Ring	1
6	42-8460	Spring Return	1
7	43-3000	Plate - Smoke Set 2.2 (.087 in.)	A/R
*	54-8700	Plate - Smoke Set 2.3 (.091 in.)	A/R
*	43-3010	Plate - Smoke Set 2.4 (.095 in.)	A/R
*	54-8710	Plate - Smoke Set 2.5 (.098 in.)	A/R
*	43-3020	Plate - Smoke Set 2.6 (.102 in.)	A/R

Ref. No.	Part No.	Description	No. Used
*7	56-0960	Plate - Smoke Set 2.7 (.106 in.)	A/R
*	43-3030	Plate - Smoke Set 2.8 (.110 in.)	A/R
*	54-8730	Plate - Smoke Set 2.9 (.114 in.)	A/R
*	43-3040	Plate - Smoke Set 3.0 (.118 in.)	A/R
*	54-8740	Plate - Smoke Set 3.1 (.122 in.)	A/R
*	43-3050	Plate - Smoke Set 3.2 (.126 in.)	A/R
*	54-8750	Plate - Smoke Set 3.3 (.130 in.)	A/R
*	43-3060	Plate - Smoke Set 3.4 (.134 in.)	A/R
*	54-8760	Plate - Smoke Set 3.5 (.138 in.)	A/R
*	43-3070	Plate - Smoke Set 3.6 (.142 in.)	A/R
*	54-8770	Plate - Smoke Set 3.7 (.146 in.)	A/R
*	43-3080	Plate - Smoke Set 3.8 (.150 in.)	A/R
*	43-3090	Plate - Smoke Set 4.0 (.157 in.)	A/R

*Not Illustrated



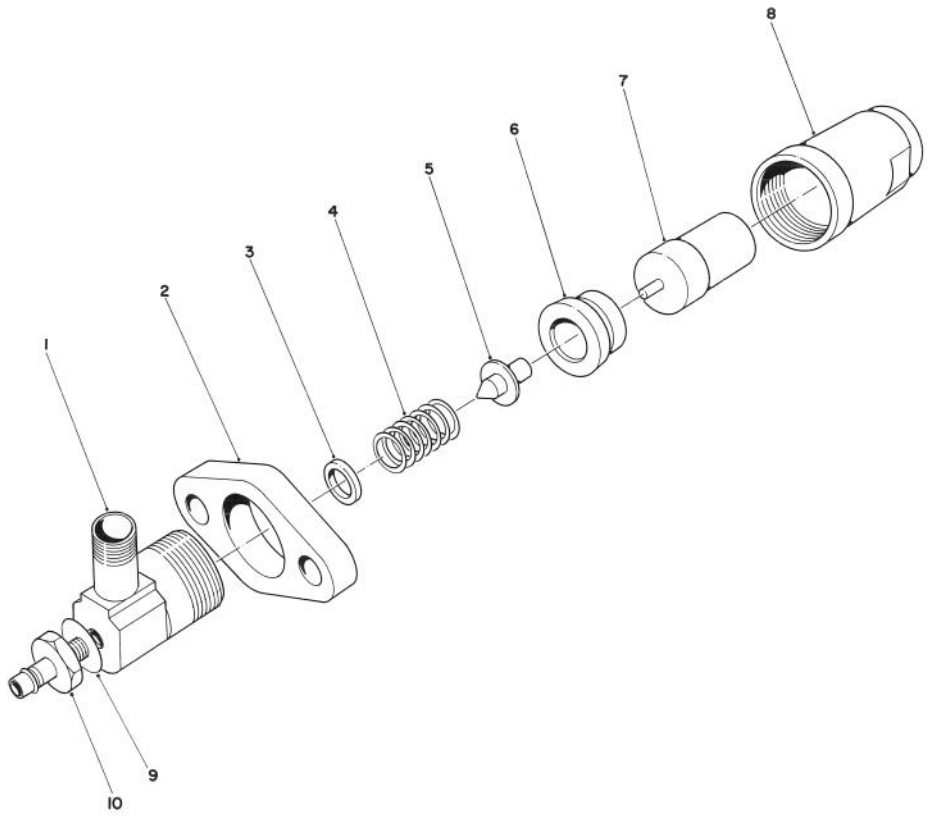
T-0435

FUEL INJECTION PUMP ASSEMBLY NO. 42-8000 (Cont.)

Ref. No.	Part No.	Description	No. Used
8	42-8370	Screw – Air Breather	1
9	42-9770	Washer	1
10	42-8380	Screw – Hollow	1
11	42-8260	Element Sub Assembly	3
12	42-8250	Delivery Valve Sub Assy.	3
13	42-8240	Gasket – Delivery Valve	3
14	42-8230	Spring – Delivery Valve	3
15	42-8330	O-Ring	3
16	42-8220	Holder – Delivery Valve	3
17	43-3150	Bolt/Washer – Assembled	2
18	42-8360	Plate Assembly – Adjusting	2
19	42-8340	Pin – Tappet Guide	3
20	42-8350	Plate	1
21	42-8310	Rack Assembly – Control	1
22	42-8270	Sleeve – Plunger Control	3
23	42-8280	Seat – Spring, Upper	3
24	42-8290	Spring – Pump Plunger	3
25	42-8320	Seat – Spring, Lower	3

Ref. No.	Part No.	Description	No. Used
26	42-8390	Shim – Plate 0.6 (.0241 in.)	A/R
*	42-8400	Shim – Plate 0.2 (.008 in.)	A/R
*	42-8410	Shim – Plate 0.3 (.0121 in.)	A/R
*	42-8420	Shim – Plate 0.4 (.016 in.)	A/R
*	42-8430	Shim – Plate 0.5 (.020 in.)	A/R
*	42-8440	Shim – Plate 0.25 (.010 in.)	A/R
*	42-8450	Shim – Plate 0.35 (.014 in.)	A/R
*	43-6240	Shim – Plate 0.45 (.018 in.)	A/R
*	54-8680	Shim – Plate 0.55 (.022 in.)	A/R
*	54-8690	Shim – Plate 0.65 (.026 in.)	A/R
27	42-8300	Tappet Sub Assembly	3

*Not Illustrated



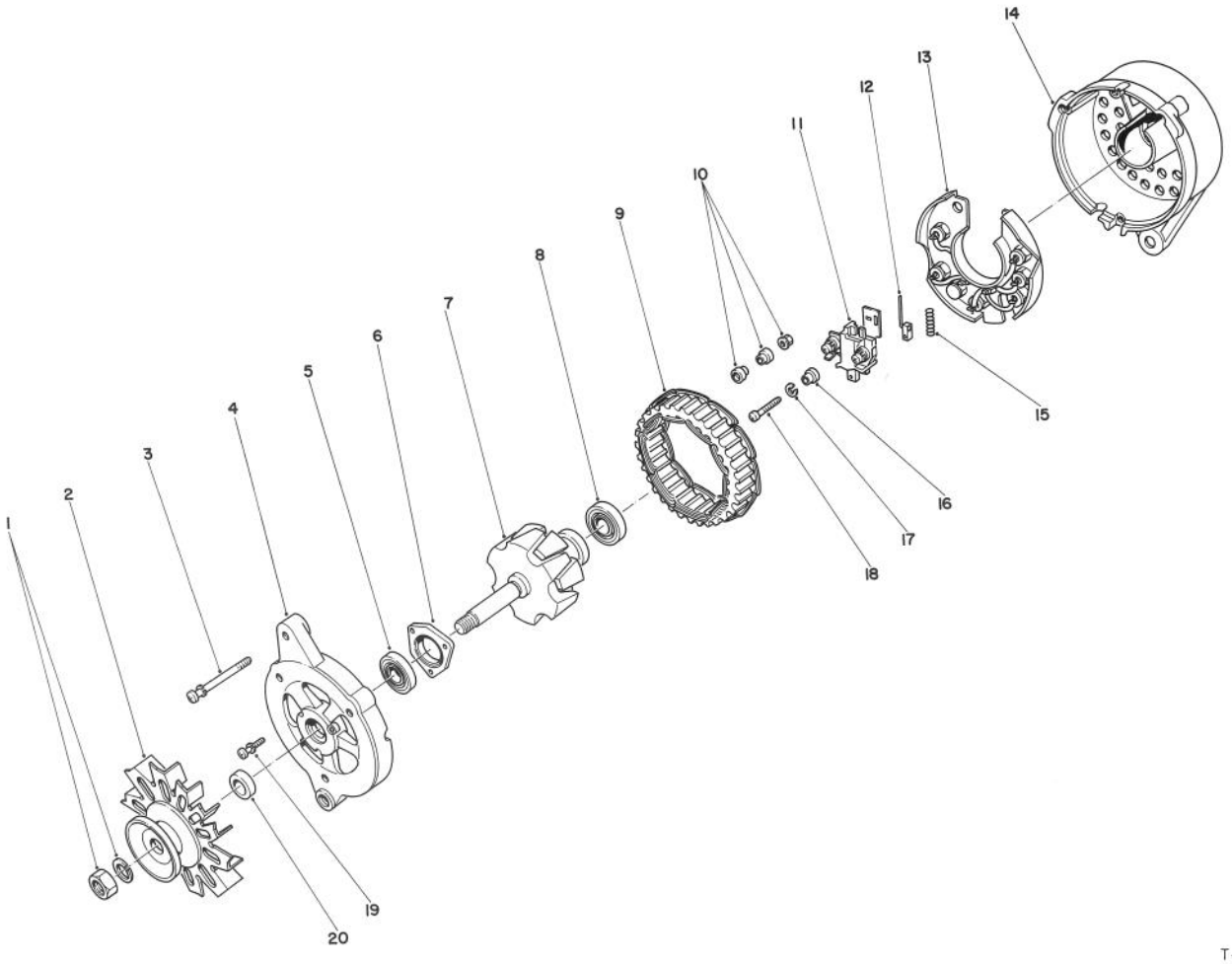
T–0436

NOZZLE & HOLDER ASSEMBLY NO. 44–8070

Ref. No.	Part No.	Description	No. Used
1	44–8080	Body	3
2	42–8670	Flange	3
3	42–9680	Washer 1.3 (.051 in.)	A/R
*	42–9690	Washer 1.35 (.053 in.)	A/R
*	42–9700	Washer 1.4 (.055 in.)	A/R
*	42–9710	Washer 0.9 (.035 in.)	A/R
*	42–9720	Washer 1.0 (.039 in.)	A/R

Ref. No.	Part No.	Description	No. Used
*3	42–9730	Washer 1.1 (.043 in.)	A/R
*	42–9740	Washer 1.2 (.047 in.)	A/R
*	42–9750	Washer 0.1 (.004 in.)	A/R
4	42–8630	Spring – Pressure	3
5	42–8620	Pin – Pressure	3
6	42–8660	Piece – Distance	3
7	42–8680	Nozzle Assembly	3
8	42–8650	Nut – Retaining	3
9	42–9670	Washer	3
10	42–8640	Nipple	3

*Not Illustrated

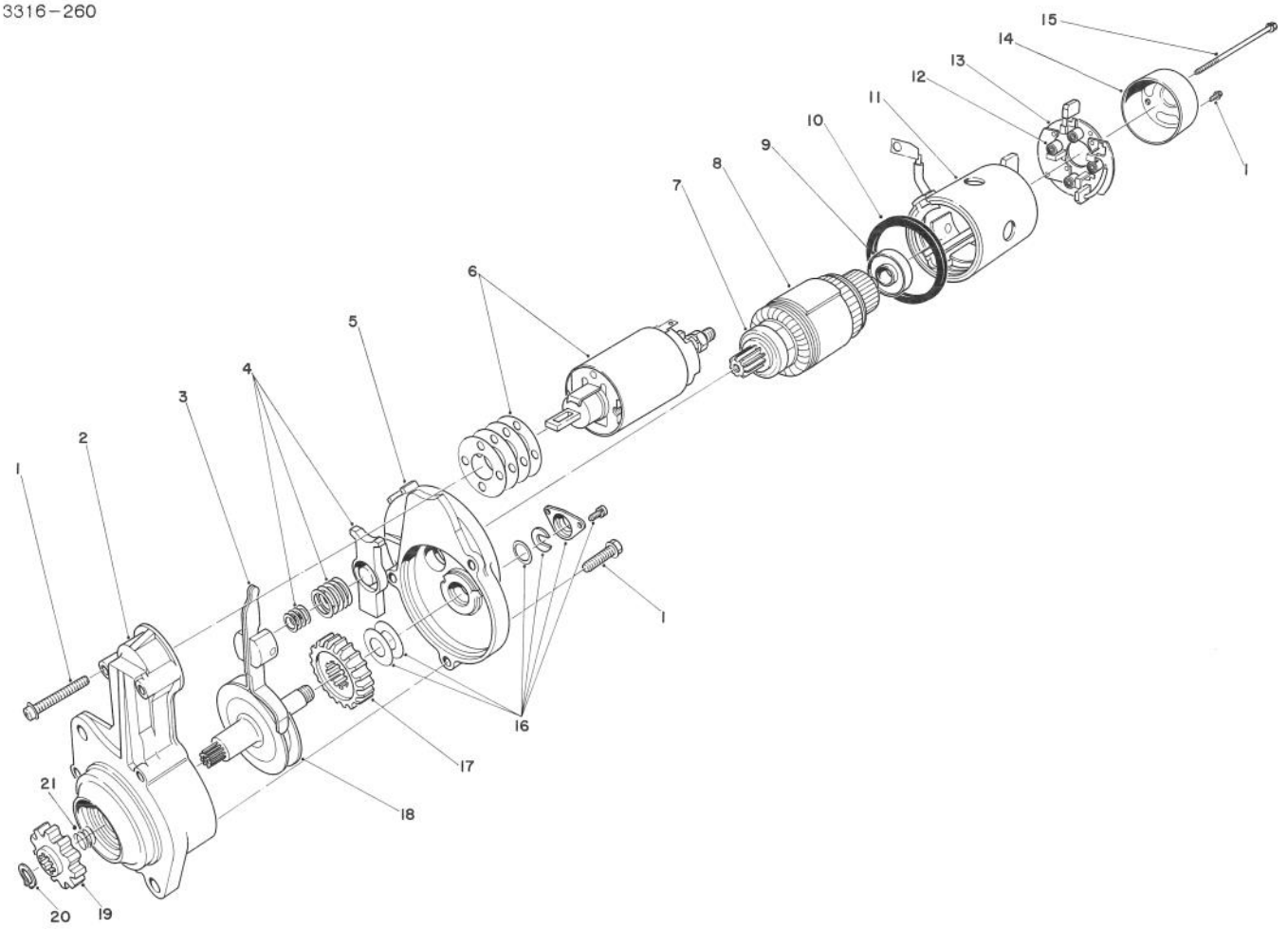


T-0437

ALTERNATOR ASSEMBLY NO. 43-0390

Ref. No.	Part No.	Description	No. Used
1	43-1920	Nut Set	1
2	43-0420	Pulley Assembly (Inc. Ref. #20)	1
3	43-0120	Screw - Set	1
4	43-0430	Bracket Assembly Front (Incl. Ref. #5-6 & 19)	1
5	43-0440	Bearing - Front	1
6		Plate - Bearing Retainer	1
7	43-0450	Rotor Assembly (Inc. Ref. #8)	1
8	43-0460	Bearing - Rear	1
9	43-0470	Stator	1
10	43-0080	Nut - Set	1

Ref. No.	Part No.	Description	No. Used
11	43-0490	Holder Assembly Brush (Incl. Ref. #12 & 15)	1
12	43-0500	Brush	2
13	43-0520	Rectifier Assembly	1
14	43-0480	Rear Bracket Assembly (Incl. Ref. #10-13 & 5-18)	1
15	43-0510	Spring - Brush	1
16	43-2720	Mold	1
17	43-5920	Washer - Lock	1
18	43-1890	Screw	1
19	43-0130	Screw - Set	1
20		Collar - Shaft	1



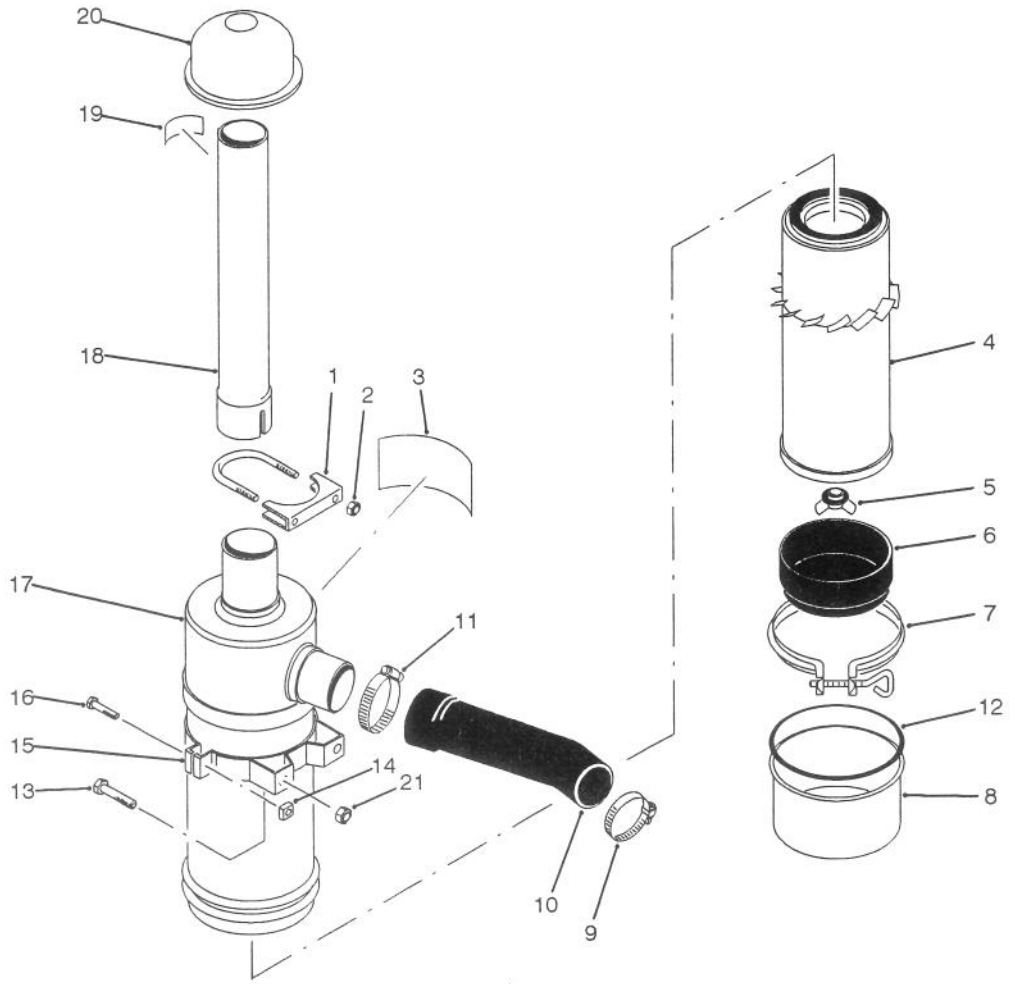
T-0438A

STARTER ASSEMBLY NO. 46-7610

Ref. No.	Part No.	Description	No. Used
1	46-7620	Screw - Set	1
2	46-7630	Bracket Assembly - Front	1
3	46-7540	Lever Assembly	1
4	43-0190	Spring Set	1
5	46-7650	Bracket Assembly - Center	1
6	46-7660	Switch Assembly	1
7	46-7680	Bearing - Front	1
8	46-7670	Armature Set (Incl. Ref. #7 & 9)	1
9	46-7690	Bearing - Rear	1
10	46-8050	Packing	1
11	46-7780	Yoke Assembly	1
12	46-8030	Spring - Brush	4
13	46-7790	Brush Holder Assembly (Incl. Ref. #12)	1

Ref. No.	Part No.	Description	No. Used
14	46-8040	Bracket - Rear	1
15	46-7700	Bolt Set	1
16	46-7770	Cover Set	1
17	46-7760	Gear	1
18	46-7750	Shaft Assembly Pinion	1
19	46-7720	Pinion Set (Incl. Ref. #20 & 21)	1
20	46-7730	Snap Ring	1
21		Spring	1
*	46-7740	Gear Set (Incl. Ref. #17 & 18)	1
*	46-7710	Shaft Assembly - Clutch (Inc. Ref. #16-20)	1

*Not Illustrated

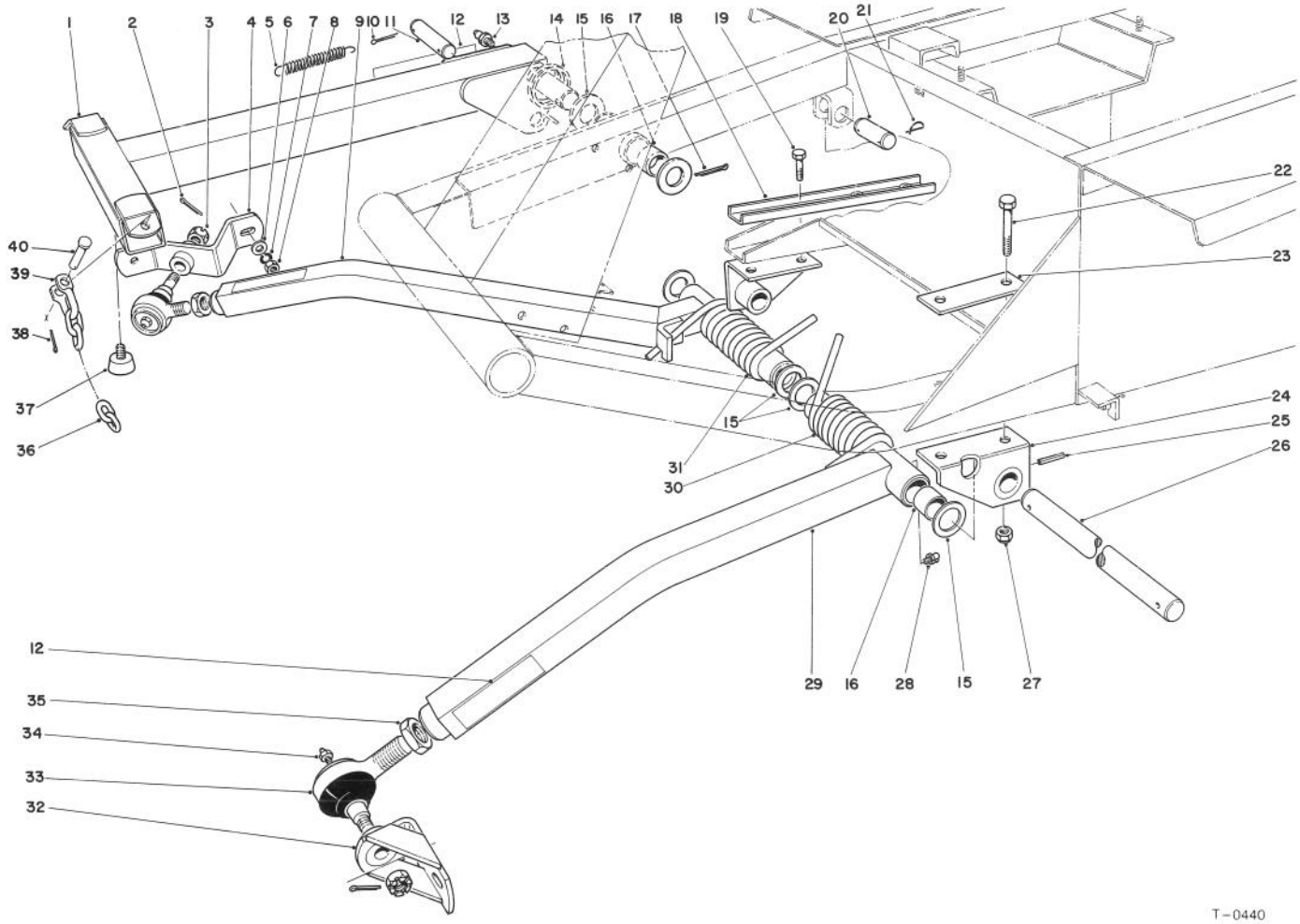


T–0439

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	20–4840	Muffler Clamp (Incl. Ref. #2)	1
2	3217–6	Nut	2
3	27–7160	Decal – Instructions	1
4	27–7110	Element Assembly	1
5	27–7120	Nut & Gasket Assembly	1
6	27–7140	Skirt – Baffle	1
7	27–7130	Clamp Assembly	1
8	27–7150	Cup Assembly	1
9	2412–3	Hose – Clamp	1
10	80–0060	Hose – Air Cleaner	1
11	2412–42	Hose Clamp	1

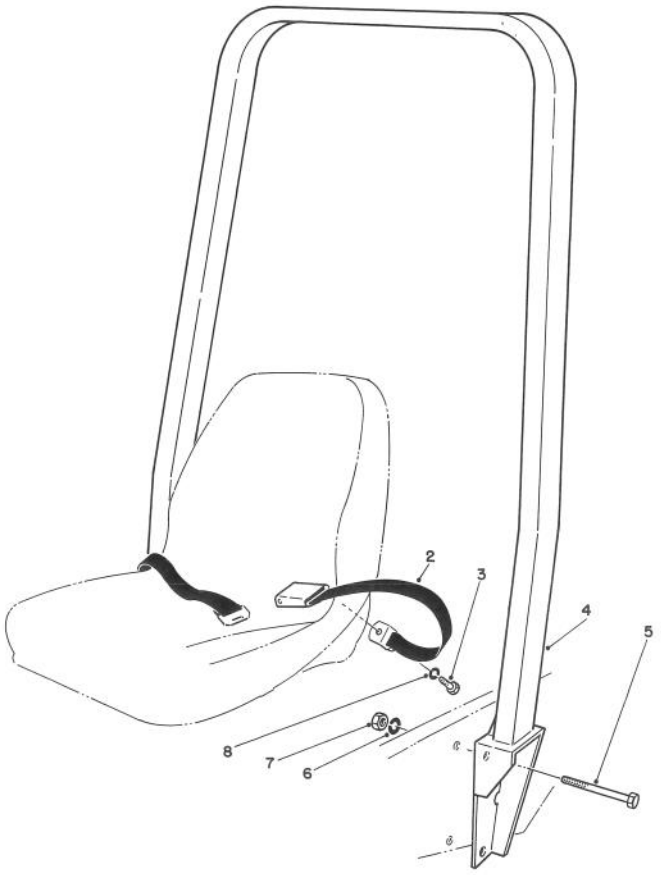
Ref. No.	Part No.	Description	No. Used
12	80–3330	Gasket	1
13	322–3	Screw – Cap, Hex. Hd.	4
14	32107–11	Nut	2
15	27–7170	Band Assy. (Incl. Ref. #14 & 16)	2
16	3258–19	Screw – Mach. Rd. Hd.	2
17	27–7100	Air Cleaner Assembly (Incl. Ref. #3–8)	1
18	43–3810	Tube – Air Cleaner	1
19	83–9150	Decal – Starting Fluid	1
20	27–7180	Cap Assembly – Air Inlet	1
21	32128–20	Nut – Flange	4



PUSH ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-6370	Lift Arm	1
2	3272-11	Pin – Cotter	2
3	32136-2	Nut	2
4	21-3020	Ball Joint Mount R.H.	1
5	21-1830	Spring Tension	1
6	3256-25	Washer – Flat	1
7	3253-6	Washer – Lock	2
8	3217-8	Nut – Full	2
9	66-7150	Push Arm R.H. (Incl. Ref. #16 & 28)	1
10	3272-24	Cotter Pin	1
11	24-9510	Pin	1
12	55-4300	Warning Decal	3
13	302-5	Fitting – Grease	1
14	46-8840	Spring – Lift Arm	1
15	5-1754	Washer	6
16	256-126	Bushing	6
17	3272-33	Pin – Cotter	1
18	23-1950	Support – Reinforcement	1
19	324-4	Screw – Cap, Hex. Hd.	2
20	3-7292	Pin	1

Ref. No.	Part No.	Description	No. Used
21	5-3126	Pin – Spring	3
22	324-12	Screw – Cap, Hex. Hd.	2
23	21-3750	Support Plate	1
24	21-2860	Push Arm Bracket	2
25	32121-84	Pin – Roll	2
26	21-2990	Shaft – Pivot	1
27	32128-42	Nut – Flange	4
28	302-33	Fitting – Grease	2
29	21-2960	Push Arm L.H. (Incl. Ref. #16 & 28)	1
30	21-2900	Spring – Torsion L.H.	1
31	21-2890	Spring – Torsion R.H.	1
32	21-3050	Ball Joint Mount L.H.	1
33	86-8100	Ball Joint Assembly	2
34	302-5	Fitting – Grease	2
35	21-3000	Nut – Jam	2
36	3-1365	Chain – Lift	3
37	67-9800	Bumper	1
38	3272-10	Pin – Cotter	3
39	5-2942	Shackle	3
40	283-10	Pin	3



T–0927

ROLL OVER PROTECTION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2†	3–10287*	Seat Belt Assembly	1
3	3212–4	Screw – Cap Hex. Hd.	2
4	4–11797*	Roll Bar Assembly	1
5	328–5	Screw – Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
6	3253–9	Washer – Lock	4
7	3217–12	Nut – Hex.	4
8	3253–6	Washer – Lock	2

*Obtain from Custom Products, Litchfield, MN 55355.
† Do not use without installing Roll Over Protection Unit.

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
251-347	Bearing – Ball	22	12	2
251-347	Bearing – Ball	25	12	2
3–1365	Chain – Lift	54	36	3
3–3251	Spring – Compression	10	9	1
3–6498	Washer	8	18	A/R
3–6657	Clip	7	31	2
3–6803	Washer	39	15	A/R
3–7243	Spring – Extension	10	13	2
3–7292	Pin	54	20	1
3–8812	Spacer	8	19	1
4–2390	Washer	37	49	2
5–0652	Spacer	8	37	1
5–0652	Spacer	38	62	2
5–0701	Spring Anchor	9	52	1
5–0838	Washer – Flat	5	38	3
5–1226	Washer	27	35	A/R
5–1226	Washer	19	42	A/R
5–1747	Spring	8	21	1
5–1754	Washer	54	15	6
5–2942	Shackle	54	39	3
5–3126	Pin – Spring	54	21	3
5–3637	Washer	37	17	1
6–1659	Toggle Switch	3	19	1
7–3900	Pad – Brake	10	1	1
11–0590	Screw – Cap, Self Tapping	5	34	2
11–0590	Screw – Hex. Hd. Tapping	10	5	2
11–9760	Screw – Self Tapping	30	60	3
12–5450	Screw – Thread Forming	16	13	8
12–9990	Hour Meter	3	40	1
14–8459	Hood	5	6	1
18–1720	Ball Joint Assembly	37	3	2
18–2770	Cable – Ground	2	53	1
20–4840	Muffler Clamp	53	1	1
21–0141	Socket Assembly R.H.	10	26	1
21–0230	Pulley – P.T.O.	8	13	1
21–0400	Spring – Compression	8	48	1
21–1600	Clamp P.T.O. Lever	9	54	1
21–1820	Stud – Belt Retainer	37	42	2
21–1830	Spring – Tension	8	50	1
21–1830	Spring Tension	54	5	1
21–1880	Grip Handle	8	1	1
21–2660	Footrest	1	6	1
21–2760	Pad – Foot Rest L.H.	2	48	1
21–2770	Pad – Foot Rest, R.H.	1	4	1
21–2850	Mount – R.H. Pedal	10	4	1
21–2860	Push Arm Bracket	54	24	2
21–2890	Spring – Torsion R.H.	54	31	1
21–2900	Spring – Torsion L.H.	54	30	1
21–2960	Push Arm L.H.	54	29	1
21–2990	Shaft – Pivot	54	26	1
21–3000	Nut – Jam	54	35	2
21–3020	Ball Joint Mount R.H.	54	4	1
21–3050	Ball Joint Mount L.H.	54	32	1
21–3370	Cable – R.H. Brake	10	*	1
21–3380	Cable – L.H. Brake	10	15	1
21–3600	Foam – Tank Support	15	3	1
21–3610	Foam – Tank Support	15	21	1
21–3750	Support Plate	54	23	1
21–7670	Case – Differential	17	35	1
21–7690	Gear – Pinion	16	6	2
21–7700	Shaft – Pinion, Mate	17	33	1
21–7720	Washer – Thrust	16	4	2
21–7730	Washer – Thrust	16	7	2
21–7770	Screw – Gear, Drive	17	34	5
21–7830	Cover – Gear	16	12	1
21–8020	Spacer – Bearing, Pinion Ft.	17	27	1
21–8090	Shim .003 – Diff. Adjust.	17	40	A/R
21–8100	Shim .005 – Diff. Adjust.	17	39	A/R
21–8110	Shim .010 – Diff. Adjust.	17	38	A/R
21–8120	Shim .030 – Diff. Adjust.	17	37	A/R
21–8180	Bearing	18	3	2
21–8270	Pin – Dowel	16	3	2
21–8360	Clip – Retaining	18	12	2
21–8590	Link – Valve Lever	33	27	1
21–8620	Lever Valve	33	2	1
21–8640	Latch – Valve Lever	33	7	1
21–9010	Pivot Mount – Valve Lever	33	11	1
21–9260	Cover – Dust	12	4	1
21–9370	Screw – Adjusting	18	16	2
21–9380	Nut – Pivot	18	17	2
21–9390	Socket – Adjusting Screw	18	15	2
21–9420	Spring – Shoe Return L.H.	18	19	2
21–9430	Spring – Shoe Return R.H.	18	7	2
21–9440	Spring – Adjusting Screw	18	14	2
21–9450	Dust Shield	18	5	2
21–9460	Retainer – Brake Lever	18	10	4
22–7810	Spacer	15	19	1
22–7820	Buzzer Assembly	3	36	1
22–8330	Plug	36	1	2
22–8340	Spring	36	3	2
22–8350	Ball	36	4	2
22–8360	Pin – Cam	36	6	2
22–8370	Seat – Check Valve	36	5	2
22–8380	Spring Retainer	36	10	1
22–8390	Spring Retainer	36	12	1
22–8400	Spacer Float	36	13	1
22–8410	Spring	36	11	1
22–8420	Spool	36	8	1
22–8480	Spring Ring Spool	36	14	1
22–8490	Snap Ring	36	15	1
22–8500	O–Ring	36	9	2
23–1950	Support – Reinforcement	54	18	1
23–2240	Rod – Pump Control	10	17	1
23–2270	Bushing – Rubber	10	16	1
23–5180	Dipstick	15	41	1
23–7270	Nut – Wheel	15	32	10
23–9740	Filter – Oil	29	41	1
24–6390	Stud – Battery Hold Down	1	16	2
24–6420	Hold Down – Battery	1	21	1
24–8790	Gear – Bevel, Diff. Side	16	5	2
24–8840	Ring – Wheel Bearing	18	21	2
24–9180	Strut & Lever Parking Brake	18	4	2
24–9510	Pin	54	11	1
24–9830	Support – Axle	17	44	1
25–2380	Thrust Plate	32	50	2
25–2390	Motor Valve Plate	32	57	1
25–2400	Gasket	32	59	1
25–2410	Accel. Valve Assembly	31	17	2
25–2430	Dowel Pin	32	52	2
25–2440	Pump Valve Plate	32	51	1
25–2450	Variable Swashplate	31	48	1
25–2460	Plug – Hex. Hd.	31	28	2
25–2470	Shim Pack	31	29	2
25–2480	Valve Spring	31	44	1
25–2490	Ball	31	9	2
25–2500	Trunnion Shaft	31	43	1
25–2510	Washer – Flat	31	25	2
25–2530	Headless Straight Pin	31	39	1
25–2550	Charge Pump Housing	31	34	1
25–2570	Valve Spring	31	30	1
25–2580	Trunnion Shaft	31	26	1
25–2610	Accel. Valve Spring	31	16	1
25–2630	Back–Up Ring	31	14	1
25–2640	Valve Spring	31	8	2
25–2650	Check Valve Plug	31	6	2
25–2680	Gerotor Assembly	31	38	1
25–3180	Check Valve Kit	31	11	2
25–3190	Charge Pump	31	40	1
25–3210	Lip Seal	31	24	2
25–8640	Screw – Machine	37	10	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
26–6740	Temperature Reset Relay	3	18	1
26–6750	Engine Temperature Gauge	3	15	1
27–1960	Hub – Engine	37	37	1
27–2360	Key Switch	3	10	1
27–7100	Air Cleaner Assembly	53	17	1
27–7110	Element Assembly	53	4	1
27–7120	Nut & Gasket Assembly	53	5	1
27–7130	Clamp Assembly	53	7	1
27–7140	Skirt – Baffle	53	6	1
27–7150	Cup Assembly	53	8	1
27–7160	Decal – Instructions	53	3	1
27–7170	Band Assy.	53	15	2
27–7180	Cap Assembly – Air Inlet	53	20	1
27–7290	Decal– Power Take Off	1	12	1
27–7310	Decal – Refueling	2	36	1
27–7320	Decal – Traction Pedal	1	1	1
27–7370	Brake Assembly P.T.O.	8	25	1
27–7490	Pedal – L.H. Brake	10	41	1
27–7510	Pedal – R.H. Brake	10	42	1
27–7570	Pad – Left Turn	10	38	1
27–7580	Pad – Right Turn	10	2	1
27–7590	Mount – Brake	10	34	1
27–7640	Shaft – Brake Latch	10	36	1
27–7900	Screw – Adjusting	8	35	1
27–8550	Pedal – Parking Bake	10	45	1
27–9270	Mount – Brake Pivot Shaft	10	35	1
27–9810	Seat Pivot	7	17	1
28–0650	Shaft – Flanged, Axle	18	1	2
28–0660	Screw – Cap, Hex. Hd.	18	22	8
28–0670	Seal – Oil	18	8	2
28–0680	Brake Drum	18	13	2
28–1280	Boot – Cable	1	19	1
28–5220	Wheel – Friction	10	25	1
28–9570	Lever – Pump	29	3	1
29–6120	Plate – Pump	30	56	1
29–6150	Spring – Leaf	30	55	1
29–6163	Switch – Micro	29	4	1
29–6170	Spring – Leaf, Extended	30	54	1
29–8910	Washer	39	12	2
31–0390	Disc – Friction	12	31	1
33–2570	Radiator Assembly	5	16	1
33–4380	Hub – Pump	29	23	1
37–8770	Bolt – Shoulder	37	4	1
37–9550	Strap – Fuel Tank	15	7	1
37–9650	Trim	1	27	1
38–1650	Fuel Gauge	3	5	1
38–1660	Ammeter	3	12	1
38–1670	Clamp Mounting	3	2	2
38–3400	Guard – Rubber	33	33	1
38–3400	Guard – Rubber	5	46	1
38–4530	Tool Box	2	42	1
38–4550	Cover – Instruments	1	30	1
38–4600	Bar – Frame L.H.	5	22	1
38–7820	Bearing	39	5	2
39–8020	Trim – Cover, Instruments	1	33	1
41–8760	Gasket – Transmission	30	51	1
42–6080	Shim	39	30	A/R
42–6080	Shim – Axle	15	30	A/R
42–7030	Pin – Dowel	42	13	2
42–7030	Pin – Dowel	45	47	2
42–7040	Seal – Side	43	65	4
42–7050	Guide – Oil Level Gauge	45	18	1
42–7060	Seal – Oil	43	55	1
42–7080	Cap – Sealing	42	15	2
42–7080	Cap – Sealing (25)	40	30	3
42–7090	Cap – Sealing	45	17	2
42–7090	Cap – Sealing (45)	40	36	1
42–7100	Bushing – Camshaft	43	79	1
42–7110	Shaft – Idler	42	11	1
42–7120	Case – Oil Seal	43	57	1
42–7130	Gasket – Oil Seal	43	58	1
42–7150	Gasket – Front Plate	42	9	1
42–7160	Pin – Dowel	45	21	1
42–7170	Plug – Expansion	45	51	1
42–7180	Bushing – Knock	45	50	2
42–7190	Bushing – Knock	46	72	2
42–7200	Bushing – Knock	46	52	1
42–7210	Plug – Taper	42	12	3
42–7210	Plug – Taper	45	36	1
42–7230	Bearing Set	43	64	1
42–7240	Bearing Set – Crankshaft	43	*	1
42–7250	Bearing Set – Crankshaft	43	*	1
42–7260	Bearing Set – Crankshaft	43	*	1
42–7270	Gauge Assy. – Oil Level	45	22	1
42–7280	Oil Pan Assembly	41	52	1
42–7290	Gasket – Oil Drain Plug (18)	40	50	1
42–7300	Gasket – Oil Pan	41	53	1
42–7310	Bearing – Needle	42	3	1
42–7320	Bearing – Needle	42	2	1
42–7330	Case – Gear	42	4	1
42–7340	Gasket – Gear Case	42	5	1
42–7390	Seal – Oil	43	82	1
42–7400	Plug – Taper	42	1	1
42–7410	Plug – Taper	45	25	1
42–7410	Plug – Taper 1/8	40	37	1
42–7420	Cap – Oil Filter	40	18	1
42–7430	Pipe – Air Breather	40	16	1
42–7440	Hanger – Engine	40	29	2
42–7460	Guide – Valve	40	27	6
42–7470	Gasket – Cylinder Head	41	63	1
42–7480	Glow Plug	40	28	3
42–7490	Seal – Oil	40	21	2
42–7500	Cover Assembly – Rocker	40	23	1
42–7510	Pipe	40	4	2
42–7520	Gasket – Rocker Cover	40	24	1
42–7530	Label – Engine No.	40	22	1
42–7540	Fitting – Water Outlet	40	15	1
42–7550	Gasket	40	9	2
42–7650	Connecting Rod Assembly	43	49	3
42–7660	Bearing Set	43	60	3
42–7670	Bearing Set	43	*	3
42–7680	Bearing Set	43	*	3
42–7690	Bearing Set	43	*60	3
42–7700	Gear – Crankshaft	42	10	1
42–7710	Crankshaft	43	59	1
42–7720	Pulley – Crankshaft	43	83	1
42–7730	Key – Woodruff	46	58	1
42–7730	Key – Woodruff	43	62	2
42–7740	Nipple – Hose	40	11	1
42–7780	Gear – Camshaft	46	57	1
42–7790	Idler Gear Assembly	46	56	1
42–7810	Shaft – Injection Pump Cam	46	55	1
42–7820	Bearing – Ball	46	53	1
42–7830	Gear – Injection Pump Cam	46	61	1
42–7840	Key – Sunk	46	54	1
42–7850	Retainer – Valve Spring	42	20	6
42–7860	Lock – Spring Retainer	42	21	12
42–7870	Seal – Valve Stem	42	18	6
42–7880	Spring – Valve	42	19	6
42–7890	Tappet	42	33	6
42–7900	Valve – Intake	42	16	3
42–7910	Valve – Exhaust	42	17	3
42–7920	Rod – Push	42	32	6
42–7930	Spring – Rocker Shaft L.H.	42	41	1
42–7940	Arm – Rocker	42	22	6
42–7950	Washer – Seat	42	24	2
42–7960	Shaft Assembly – Rocker	42	40	1
42–7970	Stay – Rocker	42	23	3
42–7980	Screw – Adjusting	42	30	6
42–7990	Ring – Snap	42	43	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
42–8000	Pump Assy. – Fuel Injection	45	2	1
42–8010	Shim – 0.2 (.008 in.)	45	15	A/R
42–8020	Shim – 0.3 (.012 in.)	45	*	A/R
42–8030	Shim – 0.4 (.016 in.)	45	*	A/R
42–8040	Shim – 0.5 (.020 in.)	45	*	A/R
42–8050	Shim – 0.6 (.024 in.)	45	*	A/R
42–8060	Shim – 0.7 (.028 in.)	45	*	A/R
42–8070	Shim – 0.8 (.032 in.)	45	*	A/R
42–8080	Shim – 0.9 (.036 in.)	45	*	A/R
42–8090	Shim – 1.0 (.039 in.)	45	*	A/R
42–8100	Collar – Union	45	4	1
42–8120	Gasket – Nozzle Holder	40	35	3
42–8130	Pipe Assy. – Fuel Injection	45	7	1
42–8140	Pipe Assy. – Fuel Injection	45	11	1
42–8150	Pipe Assy. – Fuel Injection	45	12	1
42–8160	Clamp	45	8	2
42–8170	Clamp	45	13	2
42–8180	Fuel Return Pipe Assembly	45	33	1
42–8190	Joint	45	35	2
42–8220	Holder – Delivery Valve	49	16	3
42–8230	Spring – Delivery Valve	49	14	3
42–8240	Gasket – Delivery Valve	49	13	3
42–8250	Delivery Valve Sub Assy.	49	12	3
42–8260	Element Sub Assembly	49	11	3
42–8270	Sleeve – Plunger Control	49	22	3
42–8280	Seat – Spring, Upper	49	23	3
42–8290	Spring – Pump Plunger	49	24	3
42–8300	Tappet Sub Assembly	49	27	3
42–8310	Rack Assembly – Control	49	21	1
42–8320	Seat – Spring, Lower	49	25	3
42–8330	O–Ring	49	15	3
42–8340	Pin – Tappet Guide	49	19	3
42–8350	Plate	49	20	1
42–8360	Plate Assembly – Adjusting	49	18	2
42–8370	Screw – Air Breather	49	8	1
42–8380	Screw – Hollow	49	10	1
42–8390	Shim – Plate	49	26	A/R
42–8400	Shim – Plate	49	*	A/R
42–8410	Shim – Plate	49	*	A/R
42–8420	Shim – Plate	49	*	A/R
42–8430	Shim – Plate	49	*	A/R
42–8440	Shim – Plate	49	*	A/R
42–8450	Shim – Plate	49	*	A/R
42–8460	Spring Return	48	6	1
42–8620	Pin – Pressure	50	5	3
42–8630	Spring – Pressure	50	4	3
42–8640	Nipple	50	10	3
42–8650	Nut – Retaining	50	8	3
42–8660	Piece – Distance	50	6	3
42–8670	Flange	50	2	3
42–8680	Nozzle Assembly	50	7	3
42–8690	Metal – Sealing	47	1	1
42–8700	Wire	47	2	1
42–8710	Weight Assy. – Governor	47	16	1
42–8720	Sliding Shaft Assembly	47	13	1
42–8730	Governor Lever Assembly	47	20	1
42–8740	Spring – Tie Rod	47	11	1
42–8750	Tie Rod	47	12	1
42–8760	Governor Shaft	47	22	1
42–8770	Lever – Governor Spring	47	8	2
42–8780	Speed Control Lever Assy.	47	6	1
42–8790	Cover Assembly	47	29	1
42–8800	Gasket Cover	47	30	1
42–8810	Pin – Grooved	47	5	2
42–8810	Pin – Grooved	47	32	1
42–8820	Governor Spring	47	23	1
42–8830	O–Ring	47	7	2
42–8850	Oil Pump Assembly	46	*	1
42–8860	Plunger – Relief	45	40	1
42–8870	Plug	45	38	1
42–8880	Gasket	45	37	1
42–8900	Body – Oil Pump	45	48	1
42–8910	Rotor Assembly – Oil Pump	45	45	1
42–8920	Cover – Oil Pump	45	44	1
42–8930	Spring – Relief	45	39	1
42–8940	O–Ring	45	46	1
42–8950	Gasket – Oil Pump Body	45	49	1
42–8960	Driven Unit – Speedometer	44	*	1
42–8970	Pin – Spring	42	35	1
42–8980	Sleeve – Gear	42	36	1
42–8990	O–Ring	42	37	1
42–9010	O–Ring	42	34	1
42–9020	Plate – Locking	43	63	1
42–9030	Filter Assembly – Oil	45	42	1
42–9060	Oil Pressure Switch Assy.	45	41	1
42–9070	Pulley – Water Pump	41	56	1
42–9080	Water Pump Assembly	41	60	1
42–9090	Gasket – Water Pump	41	61	1
42–9100	Belt Fan	37	21	1
42–9110	Gasket	40	41	1
42–9120	Intake Manifold Assembly	40	6	1
42–9140	Gasket – Intake Manifold	40	7	1
42–9150	Pipe Inlet	40	3	1
42–9160	Gasket – Inlet Pipe	40	5	1
42–9170	Gasket – Exhaust Manifold	40	39	1
42–9180	Wire – Glow Plug Lead	40	26	2
42–9190	Glow Lamp	3	14	1
42–9200	Complete Gasket Set	41	*	1
42–9210	Bolt – Bearing Cap	43	67	8
42–9220	Screw – Cap, Hex. Hd.	43	56	6
42–9230	Screw – Cap (8 x 16)	40	51	15
42–9230	Screw – Cap, Hex. Hd.	45	32	2
42–9230	Screw – Cap, Hex. Hd.	39	34	1
42–9230	Screw – Cap, Hex. Hd.	43	81	3
42–9240	Screw – Cap (12 x 28)	40	44	3
42–9250	Screw – Cap, Hex. Hd.	42	14	4
42–9260	Plug – Oil Drain	40	49	1
42–9300	Screw –Cap (10 x 20)	41	64	2
42–9310	Screw – Cp, Hex. Hd.	40	1	4
42–9320	Bolt – Cylinder Head	40	31	8
42–9330	Bolt – Cylinder Head	40	25	3
42–9350	Screw – Cap, Hex. Hd.	42	27	2
42–9360	Bolt	42	26	2
42–9370	Screw – Cap, Hex. Hd.	42	42	1
42–9390	Bolt (8 x 32)	40	33	6
42–9400	Screw – Cap, Hex. Hd.	47	28	3
42–9420	Bolt – High Speed Set	47	3	1
42–9430	Screw – Cap, Hex. Hd.	47	14	3
42–9440	Screw – Cap, Hex. Hd.	42	39	1
42–9450	Bolt/Washer – Assembled	47	21	1
42–9470	Bolt – Connecting Rod	43	50	6
42–9480	Screw – Cap, Hex. Hd.	45	43	4
42–9490	Screw – Cap (6 x 12)	41	58	4
42–9500	Screw – Cap (8 x 45)	41	55	3
42–9500	Screw – Cap, Hex. Hd.	44	87	8
42–9510	Screw – Cap (8 x 60)	41	59	1
42–9510	Screw – Cap, Hex. Hd.	37	46	2
42–9520	Screw – Cap (8 x 30)	40	43	5
42–9530	Screw – Cap (8 x 40)	41	66	1
42–9570	Stud (8 x 25)	40	38	5
42–9580	Nut	37	19	2
42–9580	Nut	39	20	4
42–9580	Nut	46	64	1
42–9580	Nut (8)	40	19	3
42–9580	Nut – Jam	47	10	2
42–9590	Nut – Connecting Rod	43	61	6
42–9600	Washer – Lock	22	9	28
42–9600	Washer – Lock	25	9	28
42–9600	Washer – Lock	39	25	4
42–9600	Washer – Lock	37	40	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
42–9600	Washer – Lock	41	65	2
42–9600	Washer – Lock	41	67	2
42–9600	Washer – Lock M10	21	42	24
42–9600	Washer – Lock M10	24	42	24
42–9600	Washer – Spring	42	25	3
42–9620	Nut – Jam	42	29	6
42–9640	Nut – Jam	47	36	1
42–9660	Washer – Flat	45	23	6
42–9660	Washer – Plain (8)	41	54	4
42–9670	Washer	50	9	3
42–9680	Washer	50	3	A/R
42–9690	Washer	50	*	A/R
42–9700	Washer	50	*	A/R
42–9710	Washer	50	*	A/R
42–9720	Washer	50	*	A/R
42–9730	Washer	50	*3	A/R
42–9740	Washer	50	*	A/R
42–9750	Washer	50	*	A/R
42–9770	Washer	49	9	1
42–9790	Washer – Head Bolt	40	32	8
42–9800	Washer	40	20	2
42–9810	Washer – Flat	44	86	1
42–9820	Washer	46	73	1
42–9830	Washer – Seal	45	3	2
42–9850	Washer – Lock	40	2	24
42–9850	Washer – Lock	42	7	11
42–9850	Washer – Lock	47	9	2
42–9850	Washer – Lock	45	31	7
42–9850	Washer – Lock M8	20	34	8
42–9850	Washer – Lock M8	23	34	8
42–9850	Washer – Lock, M8	22	29	28
42–9850	Washer – Lock, M8	25	29	28
42–9860	Washer –Spring	43	85	1
43–0080	Nut – Set	51	10	1
43–0090	Screw – Cap (10 x 25)	40	48	2
43–0110	Screw – Cap, Hex. Hd.	45	14	4
43–0120	Screw – Set	51	3	1
43–0130	Screw – Set	51	19	1
43–0190	Spring Set	52	4	1
43–0370	Shim	46	65	AIR
43–0380	Spacer	46	66	1
43–0390	Alternator	46	67	1
43–0400	Brace – Alternator	46	71	1
43–0410	Regulator Assembly	3	25	1
43–0420	Pulley Assembly	51	2	1
43–0430	Bracket Assembly Front	51	4	1
43–0440	Bearing – Front	51	5	1
43–0450	Rotor Assembly	51	7	1
43–0460	Bearing – Rear	51	8	1
43–0470	Stator	51	9	1
43–0480	Rear Bracket Assembly	51	14	1
43–0490	Holder Assembly Brush	51	11	1
43–0500	Brush	51	12	2
43–0510	Spring – Brush	51	15	1
43–0520	Rectifier Assembly	51	13	1
43–1440	Engine	37	13	1
43–1710	Valve Assembly	33	13	1
43–1730	Body	36	7	1
43–1770	Plate – Rear	40	46	1
43–1780	Thermostat	40	14	1
43–1790	Fitting – Thermostat	40	10	1
43–1800	Flywheel	43	53	1
43–1810	Gear – Ring	43	54	1
43–1870	Manifold – Exhaust	40	42	1
43–1880	Control Unit Assembly	3	27	1
43–1890	Screw	51	18	1
43–1900	Screw – Cap, Hex. Hd.	46	68	1
43–1910	Fan – Cooling	39	1	1
43–1920	Nut Set	51	1	1
43–1940	Adapter – Temp. Gauge	37	11	1
43–2550	Filter	6	15	1
43–2560	Gasket	6	16	1
43–2570	Gasket	6	14	1
43–2580	Magnet	6	17	1
43–2600	Capscrew	45	10	2
43–2710	O–Ring	45	19	1
43–2720	Mold	51	16	1
43–2730	Solenoid – Tubular	47	17	1
43–2740	Gasket	47	19	1
43–2750	Nut	47	18	1
43–2770	Lever – Stop	47	35	1
43–2800	Screw – Cap, Hex. Hd.	47	24	1
43–2820	Sealing Cap	47	25	1
43–2830	Nut	47	4	1
43–2900	Retainer – Oil Level Guide	45	20	1
43–2910	Plate – Ungleich Set	48	3	A/R
43–2920	Plate – Ungleich Set	48	*	A/R
43–2930	Plate – Ungleich Set	48	*	A/R
43–2940	Plate – Ungleich Set	48	*	A/R
43–2950	Plate – Ungleich Set	48	*	A/R
43–3000	Plate – Smoke Set	48	7	A/R
43–3010	Plate – Smoke Set	48	*	A/R
43–3020	Plate – Smoke Set	48	*	A/R
43–3030	Plate – Smoke Set	48	*	A/R
43–3040	Plate – Smoke Set	48	*	A/R
43–3050	Plate – Smoke Set	48	*	A/R
43–3060	Plate – Smoke Set	48	*	A/R
43–3070	Plate – Smoke Set	48	*	A/R
43–3080	Plate – Smoke Set	48	*	A/R
43–3090	Plate – Smoke Set	48	*	A/R
43–3100	E–Ring	48	1	1
43–3110	Spring – Ungleich Set	48	2	1
43–3120	Washer – Seal	47	27	1
43–3130	Hose – Water	40	13	1
43–3140	Clamp – Hose	40	12	2
43–3150	Bolt/Washer – Assembled	49	17	2
43–3160	Screw – Adjusting	47	33	1
43–3190	Screw – Cap, Hex. Hd.	37	41	3
43–3200	Screw – Cap, Hex. Hd.	39	24	4
43–3210	Screw – Cap, Hex. Hd.	37	28	4
43–3320	Foam – Radiator	5	20	2
43–3330	Radiator Shroud	5	14	1
43–3340	Grille – Sealing Plate	5	32	1
43–3350	Hose – Upper, Radiator	5	12	1
43–3510	Pulley – Engine	37	27	1
43–3530	Pulley Flywheel	39	26	1
43–3690	Fan – Shaft	39	2	1
43–3700	Hub–Fan	39	4	1
43–3720	Collar – Bearing	37	32	1
43–3730	Bracket Throttle Control	37	52	1
43–3760	Lever – Throttle	38	54	1
43–3770	Link – Throttle	37	1	1
43–3780	Swivel – Throttle Control	37	9	1
43–3790	Bracket – Belt Guide	37	48	1
43–3810	Tube – Air Cleaner	53	18	1
43–3820	Spacer	3	34	1
43–3850	Muffler	39	17	1
43–3860	Shaft – Pivot P.T.O.	8	9	1
43–3870	Support – Muffler	39	8	1
43–3880	Pulley	39	10	1
43–3900	Guard – Fan Belt	7	5	1
43–3970	Panel – Instrument	3	16	1
43–3980	Decal – Panel, Instrument	3	46	1
43–3990	Throttle Control	3	23	1
43–4000	Circuit Breaker	3	21	1
43–4010	Wire Assembly	4	4	2
43–4040	Wire Assembly	4	3	1
43–4150	Fuel Tank	15	4	1
43–4160	Fitting – Return & Vent	15	13	1
43–4190	Fitting Assembly	15	28	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
43–4230	Hose	38	56	1
43–4230	Hose – Return	15	15	1
43–4300	Trim – Frame, Rear	2	35	2
43–5500	Pivot P.T.O.	8	31	1
43–5540	Shaft – P.T.O.	8	43	1
43–5550	Shaft – P.T.O. Actuator	8	32	1
43–5570	Arm – P.T.O. Actuator	8	38	1
43–5630	Yoke – P.T.O.	8	51	1
43–5690	Hose – Vent, Fuel Tank	15	16	1
43–5910	V–Belt	39	11	1
43–5920	Washer – Lock	51	17	1
43–5920	Washer – Lock	46	63	1
43–5930	Washer – Lock	22	14	12
43–5930	Washer – Lock	25	14	12
43–5930	Washer – Lock	47	15	7
43–5930	Washer – Lock	42	28	2
43–5930	Washer – Lock	41	57	4
43–5950	Washer – Lock	37	26	4
43–5960	Nut – Special	47	26	1
43–5970	Nut	46	62	1
43–6240	Shim – Plate	49	*	A/R
43–6470	Nut	43	84	1
43–6710	Shim .003 – Diff. Adjust.	16	15	A/R
43–6711	Shim .005 – Diff. Adjust.	16	16	A/R
43–6712	Shim .010 – Diff. Adjust.	16	17	A/R
43–6713	Shim .030 – Diff. Adjust.	16	18	A/R
43–6750	Cup – Bearing, Tapered	16	10	1
43–6760	Cone – Bearing, Tapered	16	9	1
43–6800	Nut – Lock	18	18	8
43–6810	Torque – Spider	18	6	2
43–6840	Housing – Lower	17	36	1
43–7020	Hose – Lower, Radiator	5	19	1
43–8600	Spring – Compression	7	25	1
43–8600	Spring – Compression	9	66	1
43–8610	Guide – Spring & Ball Seat	8	5	1
43–8610	Guide – Spring & Ball Seat	7	24	1
43–8620	Guide – Switch Pin	7	27	1
43–8620	Guide – Switch Pin	9	68	1
43–8860	Plunger – Switch	7	26	1
43–8860	Plunger – Switch	9	67	1
43–8870	Boot – Switch	7	30	1
43–8870	Boot – Switch	9	71	1
43–9071	Assembly – Switch	7	*	1
43–9071	Assembly – Switch	9	*	1
44–2210	Warning Light	3	8	1
44–2220	Wire Lead	3	6	1
44–2230	Coupling – Rubber	29	26	4
44–8070	Nozzle & Holder Assembly	40	34	3
44–8080	Body	50	1	3
44–8090	Lever Assembly Stop	47	31	1
44–8100	Spring Return	47	34	1
46–7540	Lever Assembly	52	3	1
46–7610	Starter Assembly	40	47	1
46–7620	Screw – Set	52	1	1
46–7630	Bracket Assembly – Front	52	2	1
46–7650	Bracket Assembly – Center	52	5	1
46–7660	Switch Assembly	52	6	1
46–7670	Armature Set	52	8	1
46–7680	Bearing – Front	52	7	1
46–7690	Bearing – Rear	52	9	1
46–7700	Bolt Set	52	15	1
46–7710	Shaft Assembly – Clutch	52	*	1
46–7720	Pinion Set	52	19	1
46–7730	Snap Ring	52	20	1
46–7740	Gear Set	52	*	1
46–7750	Shaft Assembly Pinion	52	18	1
46–7760	Gear	52	17	1
46–7770	Cover Set	52	16	1
46–7780	Yoke Assembly	52	11	1
46–7790	Brush Holder Assembly	52	13	1
46–8030	Spring – Brush	52	12	4
46–8040	Bracket – Rear	52	14	1
46–8050	Packing	52	10	1
46–8400	Bearing – Needle	32	53	2
46–8410	Motor Shaft	32	58	1
46–8810	Stop – Leaf, Spring	29	6	1
46–8840	Spring – Lift Arm	54	14	1
47–7420	Hose	38	55	1
48–1800	Cylinder Block Kit	31	5	2
48–1980	Gasket	43	78	1
48–1990	Nut – Jam	43	77	1
48–2010	Screen – Assembly Oil	43	76	1
48–2020	Cylinder Block Sub Assy.	41	62	1
48–7710	Screw – Cap, M8 x 20	22	39	4
48–7710	Screw – Cap, M8 x 20	25	39	4
48–7780	Screw – Cap, Hex. Hd.	19	16	8
48–7960	Nut	19	27	2
48–9220	Washer – Flat	19	17	8
48–9460	Bolt – Hex. Hd.	20	35	4
48–9460	Bolt – Hex. Hd.	23	35	4
48–9460	Screw – Cap, M8 x 25	22	28	20
48–9460	Screw – Cap, M8 x 25	25	28	20
48–9470	Bolt – M10 x 30	21	43	24
48–9470	Bolt – M10 x 30	24	43	24
48–9470	Screw – Cap, M10 x 30	22	10	4
48–9470	Screw – Cap, M10 x 30	25	10	4
49–2280	Decal – Fuel, Diesel	2	34	1
49–7990	Cap – Shipping	42	31	1
49–8520	Kit – Implement Relief	32	63	1
53–4430	Decal – Oil	15	42	1
53–8150	Pump Assy. Fuel, Electric	6	13	1
53–9480	Washer	39	28	2
53–9480	Washer	37	39	2
53–9660	V–Belt Torque Team	8	12	1
53–9680	Engine Mount – Rubber	37	23	2
53–9680	Engine Mount – Rubber	39	29	2
53–9710	Engine Mount	37	22	2
53–9750	Fan Mount	39	6	1
54–7890	Pump Housing	31	22	1
54–8650	Screw – Cap, Flange Hd.	46	70	1
54–8660	Washer	46	69	1
54–8670	Bolt – Flywheel	43	52	5
54–8680	Shim – Plate	49	*	A/R
54–8690	Shim – Plate	49	*	A/R
54–8700	Plate – Smoke Set	48	*	A/R
54–8710	Plate – Smoke Set	48	*	A/R
54–8730	Plate – Smoke Set	48	*	A/R
54–8740	Plate – Smoke Set	48	*	A/R
54–8750	Plate – Smoke Set	48	*	A/R
54–8760	Plate – Smoke Set	48	*	A/R
54–8770	Plate – Smoke Set	48	*	A/R
54–8780	E–Ring	48	5	1
54–9040	Yoke – End (Split)	9	63	1
54–9180	Kit – U–Joint	9	58	2
54–9180	Kit – Universal Joint	26	2	2
54–9290	Bracket	29	37	2
54–9300	Cover – Pump Shaft	30	66	1
55–3572	Fuel Cap	15	18	1
55–4300	Warning Decal	54	12	3
56–0960	Plate – Smoke Set	48	*7	A/R
56–2460	Washer – Flat	27	36	A/R
56–2460	Washer – Flat	19	41	A/R
60–9760	Nut	34	7	1
60–9760	Nut – Hex	35	7	1
60–9770	Piston	34	6	1
60–9780	Head	34	5	1
61–4960	Repair Kit	34	3	1
61–4980	Shaft – w/Clevis	34	2	1
61–4990	Ring – Retaining	34	4	1
62–3010	Bracket, R.H.	7	4	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
62–3020	Bracket, L.H.	7	10	1
62–3290	Shaft – Slip Yoke	9	60	1
62–3730	Screw – Cap, w/Washer	42	8	2
62–3740	Plate – Front	42	6	1
62–3790	Tube – Slip Yoke	9	62	1
62–3800	Yoke – End	9	57	1
62–3820	Fitting – Grease	9	59	2
62–4250	Cylinder – Hydraulic	33	21	1
62–4260	Drive Shaft Assembly	8	44	1
62–4290	O–Ring	32	54	2
62–6840	Sender – Fuel Level	15	12	1
62–6940	Cap	47	37	1
62–7050	23x10.5x12 Tire Assembly	15	*	2
62–7650	Gasket	15	8	1
63–1400	Belt Guide	38	58	1
63–7590	Relay	3	42	1
63–8280	Head Assembly	6	5	1
63–8290	Vent	6	3	1
63–8300	Element – Fuel Filter	6	10	1
63–8310	Drain Valve	6	11	1
63–8360	Key	3	11	1
63–8960	Hose Assembly	5	30	1
63–8970	Hose – Trans. to Steering	12	14	1
63–8980	Hose – Aux. to Valve	12	22	1
63–8990	Hose	33	15	1
63–8990	Hose	12	23	1
63–9010	Hose Assembly	5	24	1
63–9230	Battery – Type MF214–78	1	15	1
63–9260	Manifold – Valve	33	17	1
63–9640	Hose – Fuel	15	27	1
63–9650	Hose	6	20	1
63–9720	Hose	6	7	1
66–1250	Cylinder – Hydraulic	33	*	1
66–1930	Nut	28	10	1
66–3240	Radiator Cap Assy.	5	4	1
66–5310	Idler Pulley	39	18	1
66–5320	Spacer	39	19	1
66–6140	Decal – Toro	5	7	1
66–6370	Lift Arm	54	1	1
66–6390	Decal – Caution	1	5	1
66–7030	Screw – Cap, w/Washer	39	32	2
66–7150	Push Arm R.H.	54	9	1
66–9760	Nut – Hex.	12	2	1
66–9970	Spring Kit	13	*	1
66–9980	Seal Kit	13	*	1
66–9990	Needle Roller Kit	13	*	1
67–1710	Decal – Caution	1	28	1
67–1720	Decal – Torque	2	44	2
67–1750	Bushing	19	13	2
67–5450	Piston	35	6	I
67–5460	Head	35	5	1
67–5470	Ring – Retaining	35	4	1
67–5480	Shaft	35	2	1
67–5500	Repair Kit	35	3	1
67–8020	Pump Shaft	31	20	1
67–8050	Bearing – Needle	31	35	1
67–8060	Lip Seal	31	36	1
67–8190	Bracket – Engine Support	7	12	2
67–8690	Support – Column	12	7	1
67–8960	Weight – Rear	27	11	1
67–9030	Grille	5	36	1
67–9080	Housing – Motor	31	4	1
67–9090	Plug	31	42	1
67–9100	Gasket	31	10	1
67–9800	Bumper	54	37	1
68–5140	Cap – Wheel, Steering	12	46	1
68–5370	Decal – Toro	12	1	1
68–6822	Rear Axle Assembly	19	1	1
68–6824	Rear Axle Assembly	19	*	1
68–6870	Rod End	19	7	1
68–6910	Arm – R.H., Steering	19	2	1
68–6930	Arm – L.H., Steering	19	18	1
68–6990	Stop – Oscillation	19	15	2
68–7010	Flange	16	22	1
68–8610	Fender – Extension	2	45	1
68–8660	Elbow – Fitting	29	39	1
68–8990	Head – Filter	29	42	1
68–9110	Shim	39	37	A/R
68–9111	Shim	39	*	A/R
68–9112	Shim	39	*	A/R
68–9160	Bracket	5	27	1
68–9650	Hose – Axle	29	46	1
68–9710	Hose Assy. – Steering	27	22	1
68–9720	Hose – Cylinder to Steering	12	19	1
68–9730	Hose – Steering to Cylinder	12	18	1
68–9760	Fuel Tank Base	15	2	1
70–1180	Cable – Battery, Positive	1	20	1
70–1190	Cable – Ground	3	43	1
70–1190	Ground Cable	4	5	1
70–1380	Sleeve – Protective	12	17	1
70–1390	Sleeve – Protective	12	15	1
70–2200	Decal – Toro	1	2	1
70–2560	Decal – Lube	19	26	1
70–2620	Elbow – Fitting	29	48	1
71–4330	Seal	16	23	1
71–4340	Washer	16	21	1
71–4350	Nut	16	20	1
71–4400	Coupling – Drive	29	27	1
71–4410	Spacer – Coupling, Rubber	29	31	2
71–4411	Spacer – Coupling, Rubber	29	29	6
71–4430	Hose Assy. – Steering	27	21	1
71–4450	Bolt – Wheel	19	23	10
71–4530	Tie Rod Assembly	19	*	1
71–4540	Washer – Thrust	19	14	1
71–4540	Washer – Thrust	27	15	2
71–4551	Driveshaft (Complete)	26	*	1
71–4570	Housing – Clutch,	19	33	1
71–4580	Clutch – Roller	19	31	2
71–4590	Washer – Thrust	19	30	2
71–4690	Screw – Cap, Hex. Hd.	19	28	2
71–4740	Rod End	19	20	2
71–4750	Tube & Clamp Assembly	19	12	1
71–4760	Seal – Rod	19	8	3
71–4850	Cover – Guard, Flywheel	27	16	1
72–3410	Yoke – Flange	26	1	1
72–3420	Shaft – Yoke, Slip	26	3	1
72–3431	Tube – Yoke, Slip	26	5	1
72–3440	Yoke – Shaft	26	6	1
72–3540	Valve – Relief Adj.	29	*	1
72–3550	Tube Assembly	29	20	1
72–3560	Decal – 4 WD	2	43	2
72–3570	Shim .094 – Diff. Adjust.	16	24	A/R
72–3571	Shim .096 – Diff. Adjust.	16	*	A/R
72–3572	Shim .098 – Diff. Adjust.	16	*	A/R
72–3573	Shim .100 – Diff. Adjust.	16	24	A/R
72–3574	Shim .102 – Diff. Adjust.	16	*	A/R
72–3575	Shim .104 – Diff. Adjust.	16	*	A/R
72–3576	Shim .106 – Diff. Adjust.	16	*	A/R
72–3577	Shim .108 – Diff. Adjust.	16	*	A/R
72–3578	Shim .110 – Diff. Adjust.	16	*	A/R
72–3580	Shim .112 – Diff. Adjust.	16	*	A/R
72–3581	Shim .114 – Diff. Adjust.	16	*	A/R
72–3582	Shim .116 – Diff. Adjust.	16	*	A/R
72–3583	Shim .118 – Diff. Adjust.	16	*	A/R
72–3584	Shim .120 – Diff. Adjust.	16	*	A/R
72–3585	Shim .125 – Diff. Adjust.	16	*	A/R
72–3586	Shim .127 – Diff. Adjust.	16	*	A/R
72–3587	Shim .129 – Diff. Adjust.	16	*	A/R
72–3588	Shim .131 – Diff. Adjust.	16	*	A/R
72–3590	Shim .133 – Diff. Adjust.	16	*	A/R

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
72–3591	Shim .135 – Diff. Adjust.	16	*	A/R
72–3592	Shim .137 – Diff. Adjust.	16	*	A/R
72–3593	Shim .139 – Diff. Adjust.	16	*	A/R
72–3594	Shim .141 – Diff. Adjust.	16	*	A/R
72–3595	Shim .143 – Diff. Adjust.	16	*	A/R
72–3596	Shim .145 – Diff. Adjust.	16	*	A/R
72–3597	Shim .147 – Diff. Adjust.	16	*	A/R
72–3598	Shim .149 – Diff. Adjust.	16	*	A/R
72–3600	Shim .151 – Diff. Adjust.	16	*	A/R
72–3690	Fender	1	10	2
72–3700	Decal – Caution	2	50	2
72–3710	Body – Valve, Relief	29	17	1
72–3720	Cartridge – Valve, Relief	29	18	1
72–3730	Seal Kit (Relief Valve)	29	*	1
72–3750	Bearing – Ball	31	2	1
72–4200	Ring – Set – Piston Std.	42	44	3
72–4210	Ring Set – Piston	42	45	3
72–4220	Ring Set – Piston	42	46	3
72–4230	Ring Set – Piston	42	47	3
72–4240	Piston & Piston Pin Std.	43	48	3
72–4250	Piston & Piston Pin	43	*	3
72–4260	Piston & Piston Pin	43	*	3
72–4270	Piston & Piston Pin	43	*	3
72–4280	Camshaft	46	59	1
72–4290	Head Assembly – Cylinder	40	8	1
72–4320	Switch – Ball	8	3	1
72–4320	Switch – Ball	7	20	1
72–4870	Case – Differential	20	24	1
72–4870	Case – Differential	23	24	1
72–4880	Cover	20	2	1
72–4880	Cover	23	2	1
72–4890	O–Ring	20	3	1
72–4890	O–Ring	23	3	1
72–4900	Case – Differential	20	8	1
72–4900	Case – Differential	23	8	1
72–4910	Flange – Case	20	12	1
72–4910	Flange – Case	23	12	1
72–4930	Gear – Side	20	9	1
72–4930	Gear – Side	23	9	1
72–4940	Gear – Side	20	40	1
72–4940	Gear – Side	23	40	1
72–4950	Gear – Pinion	20	10	2
72–4950	Gear – Pinion	23	10	2
72–4960	Shim .1 mm	20	5	1
72–4960	Shim .1 mm	23	5	1
72–4970	Shim .15 mm	20	*	1
72–4970	Shim .15 mm	23	*	1
72–4980	Shim .5 mm	20	*	1
72–4980	Shim .5 mm	23	*	1
72–4990	Shim .8 mm	20	*	1
72–4990	Shim .8 mm	23	*	1
72–5000	Shim 1.0 mm	20	*	1
72–5000	Shim 1.0 mm	23	*	1
72–5010	Shim 1.2 mm	20	*	1
72–5010	Shim 1.2 mm	23	*	1
72–5020	Shaft – Pinion	21	47	1
72–5020	Shaft – Pinion	24	47	1
72–5030	Pin – Dowel	21	45	2
72–5030	Pin – Dowel	24	45	2
72–5040	Washer – Gear	20	11	1
72–5040	Washer – Gear	23	11	1
72–5050	Tube – Axle RH	20	16	1
72–5050	Tube – Axle RH	23	16	1
72–5060	Axle – RH	20	17	1
72–5060	Axle – RH	23	17	1
72–5070	Gasket	20	15	2
72–5080	Gasket	20	14	2
72–5090	Gear – Bevel	22	18	2
72–5090	Gear – Bevel	25	18	2
72–5090	Gear – Bevel	20	21	2
72–5090	Gear – Bevel	23	21	2
72–5100	Spacer	20	20	2
72–5100	Spacer	23	20	2
72–5110	Tube – Axle LH	21	44	1
72–5110	Tube – Axle LH	24	44	1
72–5120	Axle – LH	21	41	1
72–5120	Axle – LH	24	41	1
72–5130	Vent	20	23	1
72–5130	Vent	23	23	1
72–5140	O–Ring	20	25	1
72–5140	O–Ring	23	25	1
72–5150	Plug	20	26	1
72–5150	Plug	23	26	1
72–5160	Shim .1mm	20	29	1
72–5160	Shim .1mm	23	29	1
72–5170	Shim .15 mm	20	*	1
72–5170	Shim .15 mm	23	*	1
72–5180	Shim .5 mm	20	*	1
72–5180	Shim .5 mm	23	*	1
72–5190	Shim .8 mm	20	*	1
72–5190	Shim .8 mm	23	*	1
72–5200	Shim 1.0 mm	20	*	1
72–5200	Shim 1.0 mm	23	*	1
72–5210	Shim 1.2 mm	20	*	1
72–5210	Shim 1.2 mm	23	*	1
72–5360	Ring – Retaining	20	19	2
72–5360	Ring – Retaining	23	19	2
72–5370	Ring – Retaining	20	22	2
72–5370	Ring – Retaining	23	22	2
72–5440	Pin –Spring	21	46	1
72–5440	Pin –Spring	24	46	1
72–5460	O–Ring	20	32	1
72–5460	O–Ring	23	32	1
72–5510	Gear Box – Axle	22	23	2
72–5520	Case – Knuckle	22	38	2
72–5540	Case – Knuckle	22	30	2
72–5540	Case – Knuckle	25	30	2
72–5550	Cover	22	26	2
72–5550	Cover	25	26	2
72–5560	Pin – King, Knuckle	22	20	2
72–5560	Pin – King, Knuckle	25	20	2
72–5570	Shaft – Axle, Outer	22	35	2
72–5570	Shaft – Axle, Outer	25	35	2
72–5580	Gear – Bevel	22	5	4
72–5580	Gear – Bevel	25	5	4
72–5590	Retainer – Bearing	22	15	2
72–5590	Retainer – Bearing	25	15	2
72–5600	Washer – Thrust	22	21	2
72–5620	Gasket	22	1	4
72–5630	Gasket	22	16	2
72–5630	Gasket	25	16	2
72–5640	Bearing – Needle	22	22	2
72–5650	Hub – Wheel	22	34	2
72–5650	Hub – Wheel	25	34	2
72–5660	Washer – Shaft, Wheel	22	33	2
72–5660	Washer – Shaft, Wheel	25	33	2
72–5670	Pin – Dowel	22	7	4
72–5680	Spacer	22	19	2
72–5680	Spacer	25	19	2
72–5720	Ring – Retaining	22	4	2
72–5720	Ring – Retaining	25	4	2
72–5730	Seal – Oil	22	24	4
72–5730	Seal – Oil	25	24	4
72–5740	Seal – Oil	22	2	2
72–5740	Seal – Oil	25	2	2
72–5770	Nut – Castle	22	32	2
72–5770	Nut – Castle	25	32	2
72–5780	Key	22	36	2
72–5780	Key	25	36	2
72–5790	Screw – Cap, M6 x 18	22	13	12

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
72–5790	Screw – Cap, M6 x 18	25	13	12
72–5800	Bolt	20	1	8
72–5800	Bolt	23	1	8
72–5810	Bolt	20	7	8
72–5810	Bolt	23	7	8
72–5820	Plug	20	28	1
72–5820	Plug	23	28	1
72–5840	Gasket	20	27	1
72–5840	Gasket	23	27	1
72–9420	Vent Assembly	17	41	1
74–0720	Tube – Manual	7	2	1
75–0560	Wheel – Steering	12	3	1
75–9900	Engine Support – Front	37	29	1
76–1900	O–Ring	31	18	2
76–4690	Coupling – Axle	19	37	1
77–2970	Ring & Pinion Assembly	21	*	1
77–2970	Ring & Pinion Assembly	24	*	1
77–2980	Arm – Knuckle	22	8	2
77–3100	Decal –Warning	5	11	3
77–3120	Bracket – Mount, Column	12	9	1
77–3140	Engine Mount	39	22	1
80–0060	Hose – Air Cleaner	53	10	1
80–2880	Bracket – Steering, Tilt	12	40	1
80–2890	Handle – Steering, Tilt	12	34	1
80–2930	Washer	12	39	1
80–2940	Plate – Pivot	12	29	1
80–2960	Spacer – Tower	12	10	2
80–2970	Pin – Steering, Tilt	12	33	1
80–2980	Boss – Pin	12	32	1
80–3330	Gasket	53	12	1
82–2590	Plug – Thrust	44	88	1
82–8650	Clamp – Half	12	37	1
82–8660	Cover – Tower	12	5	1
82–8670	Rod – Brake Latch	10	10	1
82–8760	Elbow	12	12	1
82–8770	Elbow	12	21	1
82–8930	Decal – Parking Brake	10	12	1
82–8940	Decal – Steering, Tilt	12	44	1
82–8970	Decal – Engine Coolant	5	3	1
82–8980	Frame	1	3	1
82–9010	Disc – Friction	12	38	1
83–5330	Washer – Bearing	20	38	1
83–5330	Washer – Bearing	23	38	1
83–5340	Nut – Bearing	20	37	1
83–5340	Nut – Bearing	23	37	1
83–5350	Case – Bearing	20	33	1
83–5350	Case – Bearing	23	33	1
83–5360	Seal – Oil	20	36	1
83–5360	Seal – Oil	23	36	1
83–7260	Relief Valve Cone	31	31	2
83–9150	Decal – Starting Fluid	53	19	1
84–4890	Assembly – Drive Shaft	9	*	1
84–5330	Bracket – Hood Prop	5	40	1
84–5380	Strap – Hood Prop	5	41	1
84–8500	Lever – P.T.O.	8	2	1
84–8520	Bracket – P.T.O. Switch	8	6	1
84–8600	Shoe & Lining Assembly	18	9	1
84–8610	Decal – 325–D	5	8	2
86–7040	Rod – Seat Prop	7	32	1
86–7050	Bracket – Switch Actuator	9	73	1
86–7220	Gear – Output, Trans.	30	52	1
86–7230	Gear – Spur	16	14	1
86–8100	Ball Joint Assembly	54	33	2
86–9410	Support – Seat	5	45	1
86–9610	Assembly – Carrier	17	28	1
86–9630	Front Axle Assembly	15	35	1
88–0070	Plate – Floor	2	49	1
88–0470	Tube – Pedal Spacer	11	49	1
88–0530	Pedal – Traction	10	18	1
88–1640	Pin – Traction Pedal	10	20	1
88–1650	Shaft – Traction Pedal	10	22	1
88–1670	Bracket – Pivot	10	23	1
88–1680	Bracket – Footrest	10	48	1
88–1710	Footrest	11	50	1
88–1720	Pad – Footrest	11	51	1
88–1730	Pad – Front Pedal	10	47	1
88–1740	Pad – Rear Pedal	10	19	1
88–1790	Wire Harness Assembly	4	2	1
88–1820	Radiator Support	5	35	1
88–8220	By–Pass Valve	31	15	1
92–1676	Gear & Pinion Assembly	17	*	1
92–1773	Screw – Cap, Hex. Hd.	16	11	4
92–1774	Seal – Oil	18	2	2
92–4058	Arm – P.T.O.	8	30	1
92–4060	Fork P.T.O.	8	24	1
92–4902	Upper Housing Assy. 4WD	17	*	1
92–5723	Bushing – P.T.O. Fork	8	23	2
92–5727	Screw – Cap, Hex. Hd.	8	22	2
92–5838	Ball – Joint	27	23	1
92–7308	Valve – Steering, Power	12	25	1
92–7310	Bolt – Special	13	36	4
92–7314	Assembly – Column	13	*	1
92–7315	Seal	13	28	1
92–7316	Nut – Push On	13	38	4
92–7317	Foam	13	39	1
92–7800	Cover – Access, Battery	1	32	1
92–7801	Shield – Battery Cover	2	54	1
92–7802	Decal – Instructions, Start.	1	31	1
92–7803	Support W.A. – Axle	27	9	1
92–7807	Pin W.A. – Axle, Rear	27	7	1
92–7810	Cross Member W.A.	27	26	1
92–7827	Wire – Hour Meter Ground	4	1	1
92–7829	Cylinder – Hyd., Steering	27	32	1
92–7833	Hose – (Valve to Cylinder)	33	19	1
92–7834	Hose	33	22	1
92–7839	Sleeve – Protective, Short	27	33	1
92–7840	Sleeve – Protective, Long	27	37	1
92–8775	Gasket – Kit Liquid	18	*	1
92–8776	Plug	32	61	4
92–8777	O–Ring	32	62	4
92–8918	Center Section	32	55	1
92–8941	Barrel Assembly	28	11	1
92–8942	Rod	28	1	1
92–8943	Piston	28	9	1
92–8944	Head – Internal	28	4	1
92–8945	Kit – Seal	28	*	1
92–8947	Transmission – Inline	30	50	1
93–0312	Washer – Hardened	32	60	4
93–3664	Bearing – Needle	25	22	2
93–3664	Seal – O–Ring	23	14	2
93–3665	Seal – O–Ring	23	15	2
93–3666	Gear Box – Axle	25	23	2
93–3667	Case – Knuckle	25	38	2
93–3668	Washer – Thrust	25	21	2
93–3670	Seal – O–Ring	25	1	4
93–3671	Pin – Dowel	25	7	4
93–3672	Arm – Knuckle	25	8	2
212–93	Wire Clip	7	18	2
212–93	Wire Clip	9	53	1
217–106	Wheel	19	24	2
217–116	Rim – 23x10.5x12	15	*	2
217–117	Rim	15	33	2
218–461	Nut – Jam	7	29	1
218–461	Nut – Jam	9	70	2
218–473	Toggle Switch Boot	3	17	1
218–515	Mounting Bracket	3	39	1
218–533	Lens	3	9	1
218–539	Clamp	3	13	1
231–90	Tube – Inner	15	*	2
231–95	Tire – 23x10.5x12	15	*	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
231–101	Tire	15	31	2
231–122	Tire	19	22	2
232–27	Valve Stem	15	*	1
232–31	Stem – Valve	19	25	2
232–31	Valve Stem w/Cap	15	34	2
233–17	Knob	10	11	1
233–21	Knob	33	3	1
233–21	Knob – Handle	12	35	1
233–35	Knob	3	7	2
237–7	Seal – O–Ring	7	28	1
237–7	Seal – O–Ring	9	69	1
237–21	O–Ring	29	14	3
237–22	O–Ring	31	13	1
237–22	O–Ring	12	20	3
237–22	O–Ring	27	20	2
237–22	O–Ring	33	29	2
237–22	O–Ring	30	64	1
237–30	O–Ring	12	13	3
237–30	O–Ring	33	30	2
237–30	O–Ring	30	65	1
237–30	Seal – O–Ring	8	4	1
237–30	Seal – O–Ring	7	23	1
237–42	O–Ring	36	2	2
237–42	O–Ring	33	31	2
237–42	O–Ring	30	63	2
237–78	O–Ring	29	16	4
237–78	O–Ring	27	30	2
237–78	O–Ring	33	32	2
237–80	O–Ring	31	33	1
237–80	O–Ring	29	38	1
237–81	O–Ring	29	40	3
237–86	O–Ring	31	7	4
237–95	O–Ring	31	41	1
242–34	Stud – Flanged, Axle	18	11	10
249–21	Clamp – Hook	1	14	3
249–39	Flexible Draw Latch	5	18	1
249–40	Keeper	5	10	1
2412–3	Hose – Clamp	53	9	1
2412–3	Hose Clamp	5	5	4
2412–4	Clamp	15	23	1
2412–4	Clamp	1	25	3
2412–6	Clamp	15	17	2
2412–31	Clamp – Bodine	37	6	1
2412–34	Clamp – Hose	29	47	2
2412–36	Clamp	12	24	2
2412–36	Clamp Hose	33	16	1
2412–39	Clamp	27	24	2
2412–39	Clamp	5	31	1
2412–42	Hose Clamp	53	11	1
2412–74	Clamp	2	38	1
2412–79	Clamp	15	14	1
2412–79	Clamp	37	15	1
2412–79	Clamp – Hose	45	34	8
2412–108	Clamp – Hose	33	28	2
2412–108	Clamp – Worm Drive	37	14	1
2412–108	Hose Clamp	6	1	5
2412–133	R–Clamp	7	3	2
251–8	Bearing – Ball	22	6	2
251–8	Bearing – Ball	25	6	2
251–8	Bearing – Ball	31	46	1
251–234	Lock Collar	8	41	2
251–252	Ball Bearing	8	40	2
251–252	Bearing – Ball	37	33	1
251–259	Bearing – Ball	29	10	1
251–263	Bearing – Ball	22	25	2
251–263	Bearing – Ball	25	25	2
251–344	Bearing – Ball	20	4	1
251–344	Bearing – Ball	23	4	1
251–345	Bearing – Ball	20	13	1
251–345	Bearing – Ball	23	13	1
251–348	Bearing – Ball	22	3	2
251–348	Bearing – Ball	25	3	2
251–349	Bearing – Ball	22	17	2
251–349	Bearing – Ball	25	17	2
251–350	Bearing – Ball	20	18	2
251–350	Bearing – Ball	23	18	2
252–82	Bearing – Needle	31	23	2
253–155	Seal	19	34	2
254–65	Cone – Bearing, Tapered	17	30	2
254–66	Cup – Bearing, Tapered	17	29	2
254–90	Cup – Bearing	17	26	1
254–91	Cone – Bearing	16	25	1
254–108	Bearing – Tapered Roller	20	31	1
254–108	Bearing – Tapered Roller	23	31	1
254–109	Bearing – Tapered Roller	20	39	1
254–109	Bearing – Tapered Roller	23	39	1
256–10	Bushing	10	43	4
256–126	Bushing	54	16	6
256–156	Bushing	10	6	5
281–1	Plug – Taper	45	16	1
281–7	Plug – Pipe, Square Hd.	22	37	2
281–7	Plug – Pipe, Square Hd.	25	37	2
281–10	Plug – Socket, Hex.	22	27	2
281–10	Plug – Socket, Hex.	25	27	2
283–10	Pin	54	40	3
283–17	Pin	33	26	1
283–42	Clevis Pin	8	7	1
283–58	Pin – Clevis	10	14	2
283–74	Clevis Pin	8	26	1
283–76	Pin – Lynch	5	39	1
284–3	Plug – Welch	19	36	1
285–17	Pipe Plug	31	12	4
289–37	Nipple – Pipe	15	40	1
2811–9	Street Elbow	15	39	1
302–2	Grease Fitting	8	39	1
302–5	Fitting – Grease	54	13	1
302–5	Fitting – Grease	19	32	1
302–5	Fitting – Grease	54	34	2
302–5	Fitting – Grease	27	38	1
302–5	Fitting – Grease	10	44	2
302–10	Fitting – Grease	8	10	1
302–10	Fitting – Grease	37	31	1
302–11	Fitting – Grease	19	11	1
302–33	Fitting – Grease	54	28	2
302–55	Fitting – Grease	34	1	2
302–55	Fitting – Grease	35	1	2
302–55	Fitting – Grease	19	6	3
302–58	Fitting – Grease	26	4	1
302–58	Fitting – Grease	9	61	1
304–46	Drain Cock	5	21	1
304–73	Fitting – Straight Barb	33	23	1
304–73	Hose Barb	6	19	1
304–75	Fitting – 90° Barb	33	20	1
304–96	90° Hose Barb	6	2	1
321–2	Screw – Cap, Hex. Hd.	29	35	2
321–3	Screw – Cap, Hex. Hd.	39	36	4
321–4	Screw – Cap Hex. Hd.	9	72	1
321–4	Screw – Cap, Hex. Hd.	6	4	2
321–4	Screw – Cap, Hex. Hd.	37	7	1
321–4	Screw – Cap, Hex. Hd.	3	30	2
321–4	Screw – Cap, Hex. Hd.	29	36	4
321–6	Screw – Cap Hex. Hd.	5	42	1
321–6	Screw – Cap Hex. Hd.	30	67	2
321–6	Screw – Cap, Hex. Hd.	6	12	2
321–6	Screw – Cap, Hex. Hd.	15	20	1
321–6	Screw – Cap, Hex. Hd.	3	44	1
321–23	Screw – Cap, Hex. Hd.	33	14	5
322–2	Screw – Cap, Hex. Hd.	7	21	2
322–3	Screw – Cap, Hex. Hd.	53	13	4
322–4	Screw – Cap, Hex. Hd.	31	37	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
322–4	Screw – Cap, Hex. Hd.	12	43	1
322–5	Screw – Cap, Hex. Hd.	27	12	2
322–5	Screw – Cap, Hex. Hd.	3	29	2
322–5	Screw – Cap, Hex. Hd.	2	37	1
322–6	Screw – Cap, Hex. Hd.	5	33	1
322–8	Screw – Cap, Hex. Hd.	29	30	6
322–8	Screw – Cap, Hex. Hd.	19	44	2
322–9	Screw – Cap Hex. Hd.	9	65	2
322–10	Screw – Cap, Hex. Hd.	29	34	2
322–17	Screw – Cap, Hex. Hd.	29	11	1
323–6	Screw – Cap Hex. Hd.	17	46	1
323–6	Screw – Cap, Hex. Hd.	12	27	2
323–7	Screw – Cap, Hex. Hd.	29	43	2
323–9	Screw – Cap, Hex. Hd.	19	21	2
323–13	Screw – Cap, Hex. Hd.	10	32	2
323–14	Screw – Cap, Hex. Hd.	5	23	3
323–56	Screw – Cap, Hex. Hd.	31	3	4
324–4	Screw – Cap, Hex. Hd.	54	19	2
324–11	Screw – Cap, Hex. Hd.	39	27	2
324–12	Screw – Cap, Hex. Hd.	54	22	2
324–12	Screw – Cap, Hex. Hd.	37	38	2
328–5	Screw – Cap Hex. Hd.	55	5	4
329–7	Screw – Cap, Hex. Hd.	37	53	1
3210–7	Screw – Cap, Hex. Hd.	19	5	1
3210–7	Screw – Cap, Hex. Hd.	29	9	1
3210–7	Screw – Cap, Hex. Hd.	16	19	8
3212–4	Screw – Cap Hex. Hd.	55	3	2
3217–5	Nut	37	50	1
3217–6	Nut	53	2	2
3217–6	Nut	1	11	2
3217–6	Nut – Hex	3	32	2
3217–6	Nut – Hex	30	57	2
3217–7	Nut – Hex	10	28	2
3217–8	Nut – Full	54	8	2
3217–9	Nut – Hex.	17	42	2
3217–12	Nut – Hex.	55	7	4
3217–26	Nut	3	37	1
3218–5	Nut – Jam	10	3	2
3218–7	Nut – Jam	12	42	1
3219–1	Nut	37	2	5
3219–2	Nut	16	1	8
3219–2	Nut – Hex	29	8	1
3219–3	Nut	8	33	1
3219–7	Nut – Hex.	8	16	1
3219–14	Nut	3	1	6
3219–14	Nut	15	10	1
3220–3	Nut – Jam	10	27	1
3220–5	Nut – Jam	19	4	1
3220–5	Nut – Jam	10	46	1
3220–6	Nut	13	27	1
3220–6	Nut – Jam	27	31	2
3229–1	Bolt – Carriage	2	40	5
3230–1	Bolt – Carriage	11	52	2
3230–2	Bolt – Carriage	15	29	3
3231–21	Bolt – Carriage	10	31	2
3233–14	Bolt – Carriage	39	9	1
3234–1	Screw – Cap, Locking Hex.	5	15	2
3234–11	Screw – Cap, Hex. Hd .	10	39	3
3234–11	Screw – Cap, Hex. Hd.	39	31	4
3234–11	Screw – Cap, Hex. Hd.	37	45	4
3234–11	Screw – Cap, Locking Fl.	1	26	5
3234–11	Screw w/Locking Flange	7	13	6
3234–12	Screw – Hex. Hd. Flange	1	8	4
3234–12	Screw – Lock, Flange	39	33	2
3234–14	Screw – Cap, Hex. Hd.	7	6	5
3234–14	Screw – Cap, Hex. Hd.	2	46	2
3234–14	Screw – Flange, Hex. Hd.	27	6	2
3234–14	Screw – Hex, Flange Hd.	5	13	11
3234–17	Screw – Cap, Hex. Hd.	12	8	2
3234–17	Screw – Cap, Hex. Hd.	7	16	4
3234–18	Screw – Cap, Hex. Hd.	38	60	1
3234–24	Screw – Flange, Hex. Hd.	27	18	3
3234–25	Screw – Flange, Hex. Hd.	27	27	4
3234–32	Screw – Flange, Hex. Hd.	27	8	6
3234–32	Screw – w/Locking Flange	7	11	2
3241–5	Screw – Set, Socket Head	37	36	2
3241–5	Screw – Set, Sq. Hd.	29	25	2
3245–1	Screw – Set	8	46	2
3246–3	Screw – Set	8	29	4
3249–11	Screw – Mach. Rd. Hd.	29	5	2
3250–17	Screw – Pan Hd.	3	22	2
3253–3	Washer – Lock	15	5	2
3253–3	Washer – Lock	26	8	6
3253–3	Washer – Lock	39	35	4
3253–3	Washer – Lock	19	38	6
3253–3	Washer – Lock	37	51	3
3253–4	Washer – Lock	1	9	2
3253–4	Washer – Lock	39	21	5
3253–4	Washer – Lock	37	47	2
3253–6	Washer – Lock	54	7	2
3253–6	Washer – Lock	55	8	2
3253–9	Washer – Lock	55	6	4
3253–17	Washer – Lock	3	3	6
3253–17	Washer – Lock	15	9	1
3253–21	Washer – Lock	10	29	4
3253–21	Washer – Lock	15	38	2
3253–21	Washer – Lock	29	44	2
3253–21	Washer – Lock	17	45	1
3253–21	Washer – Lock	9	55	4
3254–2	Washer – Lock, Int. Tooth	37	18	2
3254–2	Washer – Lock, Int. Tooth	2	52	1
3254–2	Washer – Lock, Int. Tooth	3	24	6
3254–7	Washer – Lock	8	15	1
3254–9	Washer – Lock	30	58	2
3255–5	Washer – Lock	3	38	1
3255–7	Washer – Lock, Ext. Tooth	3	31	3
3255–7	Washer – Lock	30	59	3
3255–7	Washer – Lock, Ext. Tooth	6	21	2
3255–8	Washer – Lock	16	2	8
3255–9	Washer – Lock, Ext. Tooth	38	61	1
3256–1	Washer – Flat	3	45	1
3256–3	Washer – Flat	29	32	4
3256–3	Washer – Flat	12	28	4
3256–6	Washer – Flat	8	20	1
3256–6	Washer – Flat	17	43	2
3256–6	Washer – Flat	30	61	1
3256–14	Washer – Flat	3	35	1
3256–22	Washer – Flat	10	8	1
3256–22	Washer – Flat	37	8	1
3256–22	Washer – Flat	5	43	1
3256–23	Washer – Flat	7	9	1
3256–23	Washer – Flat	7	22	2
3256–25	Washer – Flat	54	6	1
3256–26	Washer – Flat	10	40	1
3256–28	Washer – Flat	8	14	4
3256–41	Washer – Flat	8	36	4
3256–46	Washer – Flat	12	26	2
3256–64	Washer – Flat	37	25	4
3257–5	Key – Woodruff	8	11	3
3257–30	Key – Woodruff	39	3	2
3257–32	Key – Woodruff	31	21	1
3257–32	Key – Woodruff	29	24	1
3257–33	Key – Woodruff	37	30	1
3258–19	Screw – Mach. Rd. Hd.	53	16	2
3272–5	Pin – Cotter	10	7	3
3272–6	Pin – Cotter	33	8	1
3272–6	Pin – Cotter	10	21	6
3272–10	Cotter Pin	8	8	1
3272–10	Pin – Cotter	29	1	1
3272–10	Pin – Cotter	54	38	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3272–11	Pin – Cotter	54	2	2
3272–11	Pin – Cotter	19	9	3
3272–11	Pin – Cotter	8	28	1
3272–16	Pin – Cotter	39	14	2
3272–17	Pin – Cotter	22	31	2
3272–17	Pin – Cotter	25	31	2
3272–22	Pin – Cotter	8	17	2
3272–24	Cotter Pin	54	10	1
3272–33	Pin – Cotter	54	17	1
3274–8	Screw – Cap, Hex. Hd.	19	39	6
3274–8	Screw – Cap, Soc. Hd.	26	7	6
3274–47	Screw – Flat Hd. Socket	10	33	1
3290–134	Screw – Hex. Hd. Mach.	3	4	2
3290–144	Screw – Machine	1	13	6
3290–224	Washer – Lock	38	59	1
3290–271	Rivet	5	9	4
3290–357	Nut – Lock, Flange	39	7	8
3290–357	Nut – Lock, Flange	7	14	6
3290–357	Nut – Lock, Flange	1	24	5
3290–357	Nut – Lock, Flange	37	43	7
3290–378	Cable Tie	6	8	A/R
3290–378	Tie – Cable	1	22	2
3290–379	Cable Tie	37	16	1
3290–379	Cable Tie	5	29	4
3290–379	Cable Tie	3	41	1
3290–379	Tie – Cable	12	16	3
3290–379	Tie – Cable	27	34	1
3290–424	Screw – Hex. Hd. Mach.	3	28	1
3296–2	Nut – Lock	1	18	6
3296–6	Nut – Lock	8	34	1
3296–12	Nut – Lock	3	26	3
3296–16	Nut – Lock	5	44	1
3296–16	Nut – Lock	9	74	1
3296–20	Nut – Lock	37	5	1
3296–20	Nut – Lock	27	28	2
3296–20	Nut – Lock	12	30	4
3296–28	Nut – Lock	8	27	1
3296–29	Nut – Lock	29	7	1
3296–29	Nut – Lock	12	36	2
3296–29	Nut – Lock	19	43	2
3296–29	Nut – Lock	9	64	2
3296–39	Nut – Lock	19	19	2
3296–42	Nut – Lock	33	10	5
3296–42	Nut – Lock	29	12	6
3296–43	Nut – Lock	19	3	1
32103–2	Nut – Wing	1	17	3
32103–2	Nut – Wing	5	37	2
32104–6	Screw – Hex. Hd. Tapping	9	56	4
32104–6	Screw – Self Tapping	15	1	2
32104–96	Screw – Cap, Hex. Hd.	15	6	1
32104–116	Screw –Self Tapping	5	17	8
32107–11	Nut	53	14	2
32120–8	Ring – Retaining	31	1	1
32120–11	Ring – Retaining	31	47	1
32120–15	Ring – Retaining	31	45	1
32120–22	Ring – Retaining	8	42	2
32120–22	Ring – Retaining, Internal	37	34	1
32120–69	Ring – Retaining, External	37	35	1
32120–72	Ring – Retaining	30	53	1
32121–6	Pin – Roll	10	24	1
32121–6	Pin – Roll	30	62	1
32121–9	Pin – Roll	8	49	1
32121–15	Pin – Roll	17	32	1
32121–24	Pin – Roll	29	2	1
32121–34	Pin – Roll	19	35	1
32121–34	Pin – Roll	8	45	2
32121–73	Pin – Slotted Spring	33	9	1
32121–84	Pin – Roll	54	25	2
32121–91	Pin – Coil ,Spring	31	49	3
32128–20	Nut – Flange	53	21	4
32128–20	Nut – Flange	15	37	3
32128–20	Nut – Flange	12	41	1
32128–20	Nut – Hex. Hd. Flange	5	2	11
32128–20	Nut – Lock, Flange	2	39	1
32128–21	Nut – Flange	27	25	4
32128–21	Nut – Flange Hd.	5	28	3
32128–21	Nut – Lock, Flange	1	7	6
32128–23	Nut – Lock, Flange	27	10	4
32128–23	Nut – Lock, Flange	39	16	1
32128–23	Nut – Lock, Flange	37	24	2
32128–25	Nut – Flange Lock	11	53	2
32128–33	Nut – Lock, Flange	2	41	5
32128–37	Nut – Lock, Flange	39	23	2
32128–37	Nut – Lock, Flange	37	44	2
32128–42	Nut – Flange	54	27	4
32136–2	Nut	54	3	2
32136–3	Nut – Hex. Slotted	39	13	2
32136–13	Nut – Slotted	19	10	3
32144–10	Screw – Hex. Hd. Self Tap	12	6	6
32144–10	Screw – Hex. Hd. Self Tap	7	33	2
32144–10	Screw – Self Tapping	33	4	2
32144–10	Screw – Self–Tapping	5	1	5
32144–10	Screw – Thread Forming	27	17	2
32144–10	Screw, Self–Tapping	2	47	11
32144–21	Screw	12	45	1
32144–53	Screw – Thread Forming	15	11	5
32144–67	Screw – Cap, Self Tap	15	36	4
32146–20	Nut	27	14	1
32149–2	Nut	6	9	2
32149–2	Nut	6	22	2
32149–2	Nut	10	37	1
32149–2	Nut – Lock	3	33	3
32151–46	Ring – Retaining	31	27	2
32151–87	Ring – Retaining	19	29	1
32151–104	Ring – Retaining	27	39	1
32152–1	Nut – Lock	29	28	8
32152–1	Nut – Lock, Flange	37	12	1
32153–2	Nut – Hex.	12	11	2
32153–2	Nut – Lock	10	30	2
32153–2	Nut – Lock	38	57	1
340–54	Fitting	27	29	1
340–70	Nut – Lock, Bulkhead	5	26	2
340–71	Union – Bulkhead	5	25	2
340–77	Elbow – Fitting	29	21	1
340–92	Adapter – Straight	29	19	3
340–97	Elbow – Fitting	27	19	1
340–97	Fitting – 90°	33	25	1
340–99	Elbow – Fitting	29	22	1
340–99	Fitting – 90° Elbow	33	12	1
340–110	Elbow – 90°	33	24	1
340–112	Elbow – 90°	33	18	1
340–143	Elbow – Swivel	29	15	1
353–508	Plug – Drain	30	49	1
353–512	Plug	33	1	1
353–550	Plug – Hex. Hd.	31	19	2
353–551	Plug – Hex. Hd.	31	32	1
353–702	Hose Barb	6	18	1
353–975	Hose Barb	6	6	1
353–987	Elbow – Fitting	29	45	1

*Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible – minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit – which is not reflected in your manual – see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Groundsmaster 325D 4 Wheel Drive has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Groundsmaster 325D 4 Wheel Drive – supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer – supply the following information:

1. Model and serial number of the Groundsmaster 325D 4 Wheel Drive.
2. Part number – description – and the quantity of part(s) desired.

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

TABLE OF CONTENTS

Description	Page
Main Frame	1–2
Instrument Panel Assembly	3
Electrical Schematic	4
Radiator & Hood Assembly	5
Fuel Filter Assembly	6
Interlock Assembly	7
Power Take Off Assembly	8–9
Brake Pedal Assembly	10–11
Power Steering Assembly	12
Power Steering Valve Assembly No. 92–7308	13
Hydraulic Schematic	14
Front Axle and Fuel Tank Assembly	15
Front Axle Assembly No. 86–9630	16–17
Brake Assembly	18
Steerable Axle Assembly	19
Rear Axle Assembly No. 68–6822 (Unit Serial No. 40273 – 40404)	20–22
Rear Axle Assembly No. 68–6824 (Unit Serial No. 40405 & Up)	23–25
Drive Shaft Assembly No. 71–4550	26
Axle Support & Steering Cross Member	27
Steering Cylinder Part No. 92–7829	28
Hydrostatic Transmission	29–30
Transmission Assembly No. 92–8947	31–32
Valve and Cylinder Assembly	33
Hydraulic Lift Cylinder Assy., No. 62–4250	34
Hydraulic Lift Cylinder Assy. No. 66–1250	35
Control Valve Assembly No. 43–1710	36
Engine Assembly	37–47
Fuel Injection Pump Assy. No. 42–8000	48–49
Nozzle and Holder Assy. No. 44–8070	50
Alternator Assembly No. 43–0390	51
Starter Assembly No. 46–7610	52
Air Cleaner Assembly	53
Push Arm Assembly	54
Roll Over Protection Assembly	55
TORO Part Number Index	56–66

MAINTENANCE RECORD

Date								

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

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