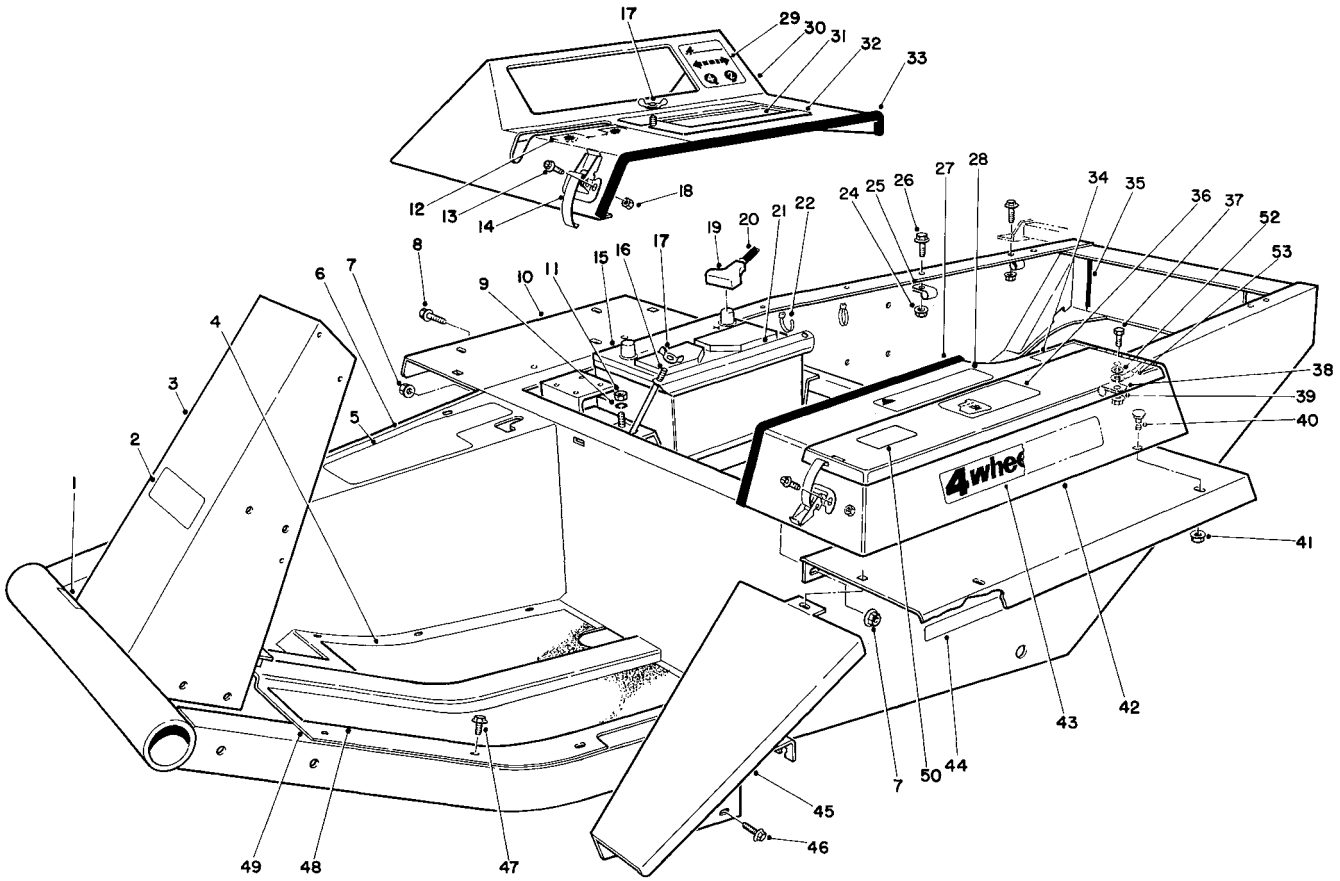
FORM NO. 3315–266

TORO®

MODEL NO. 30795–30001 & UP

PARTS CATALOG

GROUNDSMASTER® 325D 4wd
TRACTION UNIT & ACCESSORIES



T–0910A

MAIN FRAME ASSEMBLY

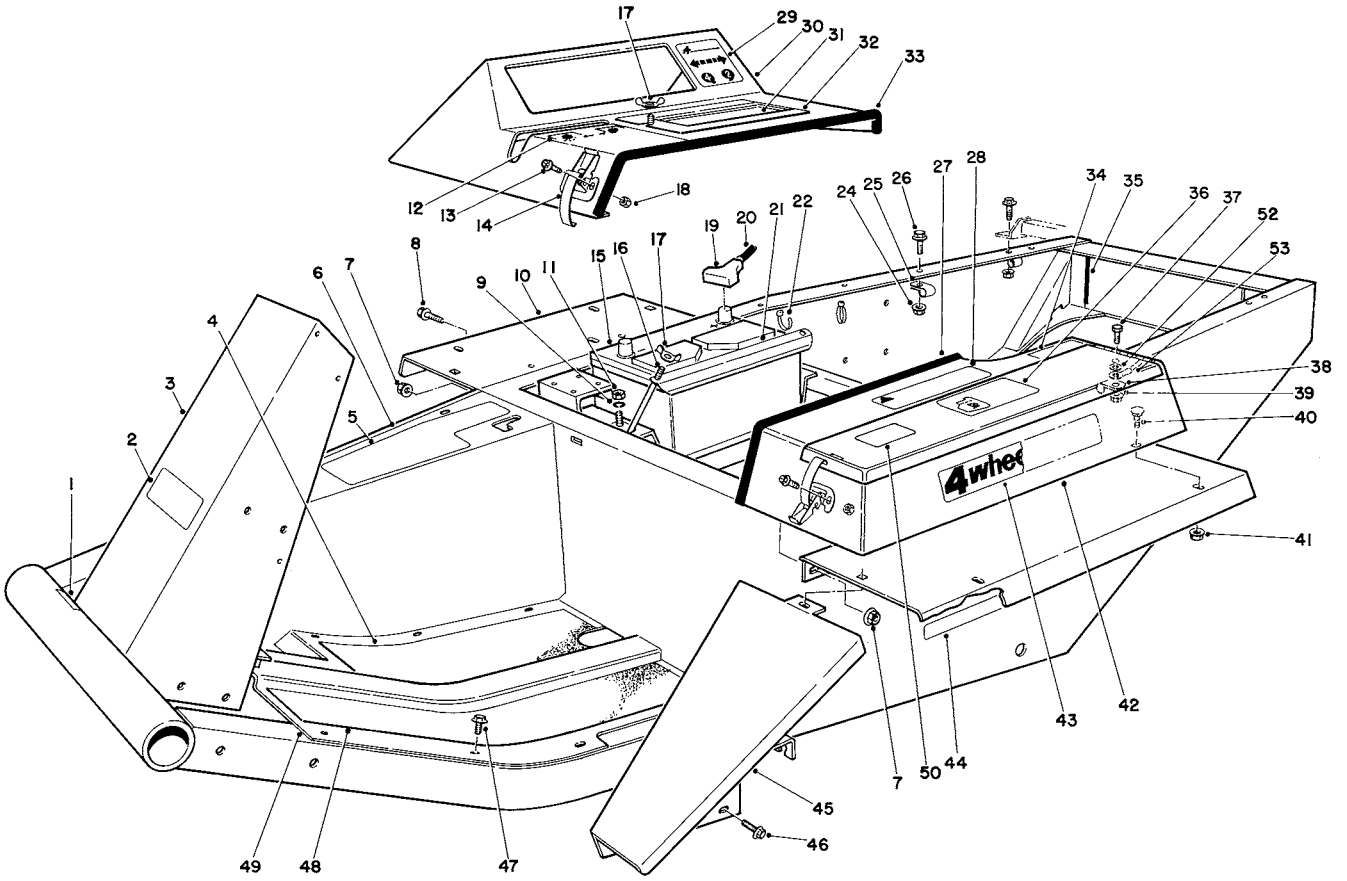
Ref. No.	Part No.	Description	No. Used
1	27–7320	Decal – Traction Pedal	1
2	70–2200	Decal – Toro	1
†3	82–8980	Frame (Incl. Ref. #7)	1
4	21–2770	Pad – Foot Rest, R.H.	1
5	66–6390	Decal – Caution	1
6	21–2660	Footrest	1
7	32128–21	Nut – Lock, Flange	6
8	3234–12	Screw – Hex. Hd. Flange	4
9	3253–4	Washer – 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		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
29	71–4860	Decal – 4wd Control	1
30	38–4550	Cover – Instruments	1
31	43–4290	Decal – Instructions, Start.	1
32	24–9740	Cover – Access, Battery	1
33	39–8020	Trim – Cover, Instruments	1

† Includes Item #27, Page 24

TPS

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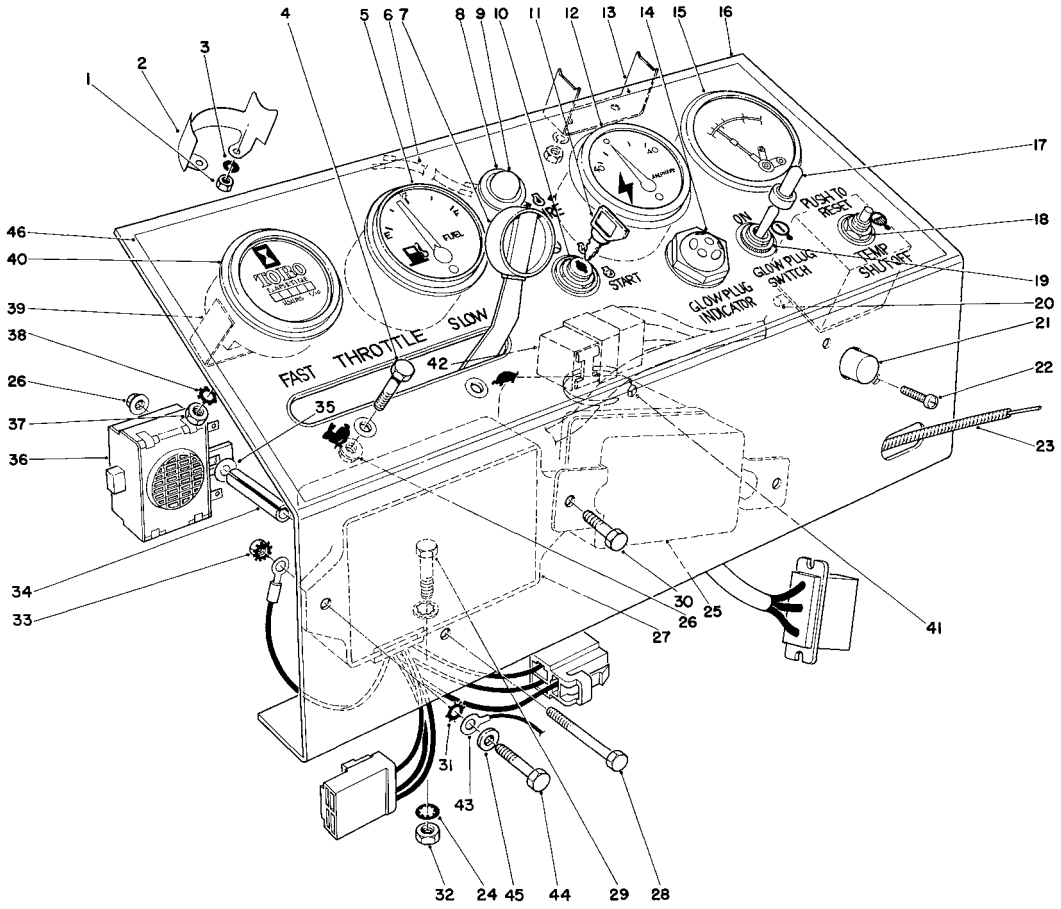


T–0910A

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



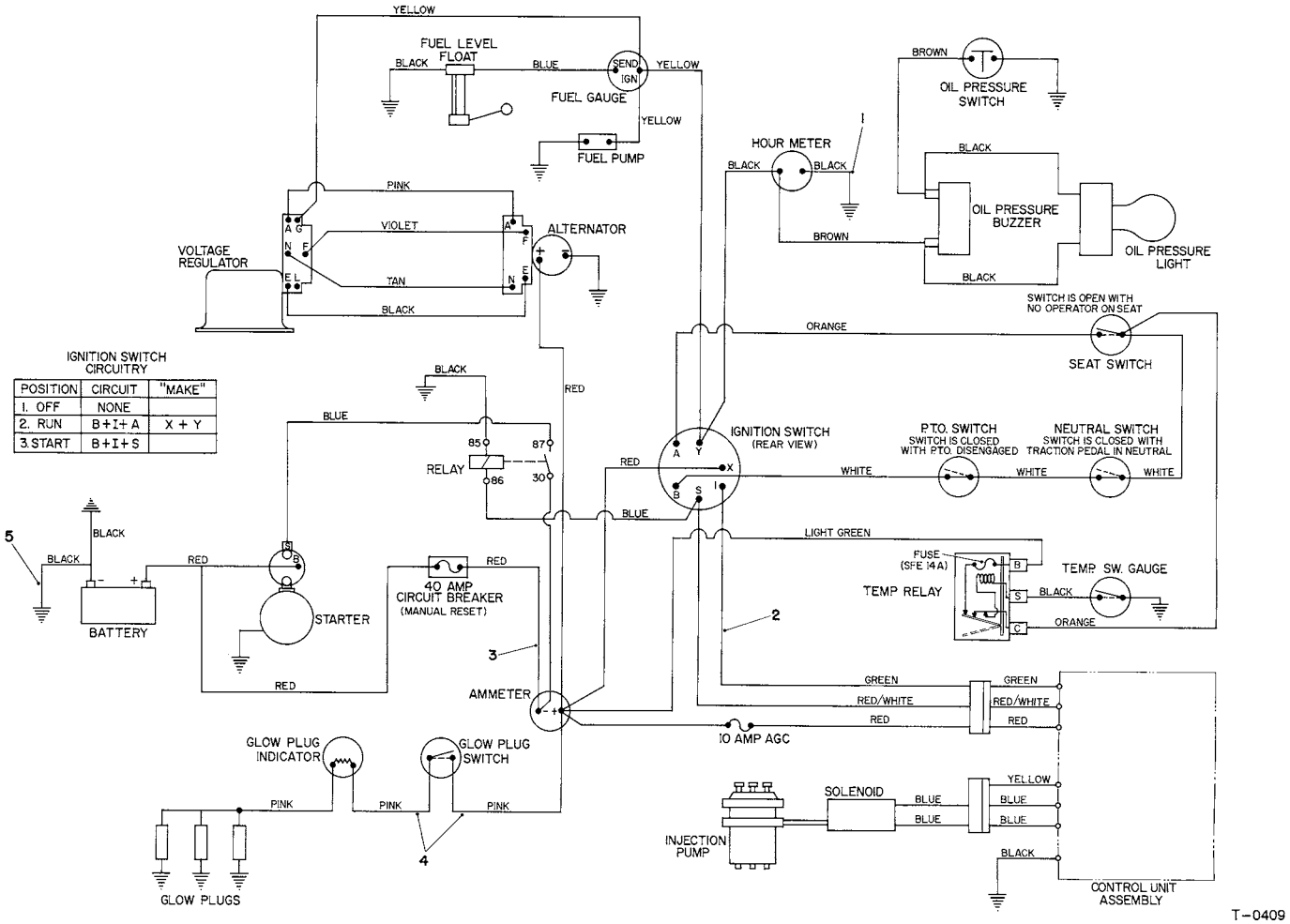
T-0408

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	32128-17	Nut - Lock, Flange Hd.	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

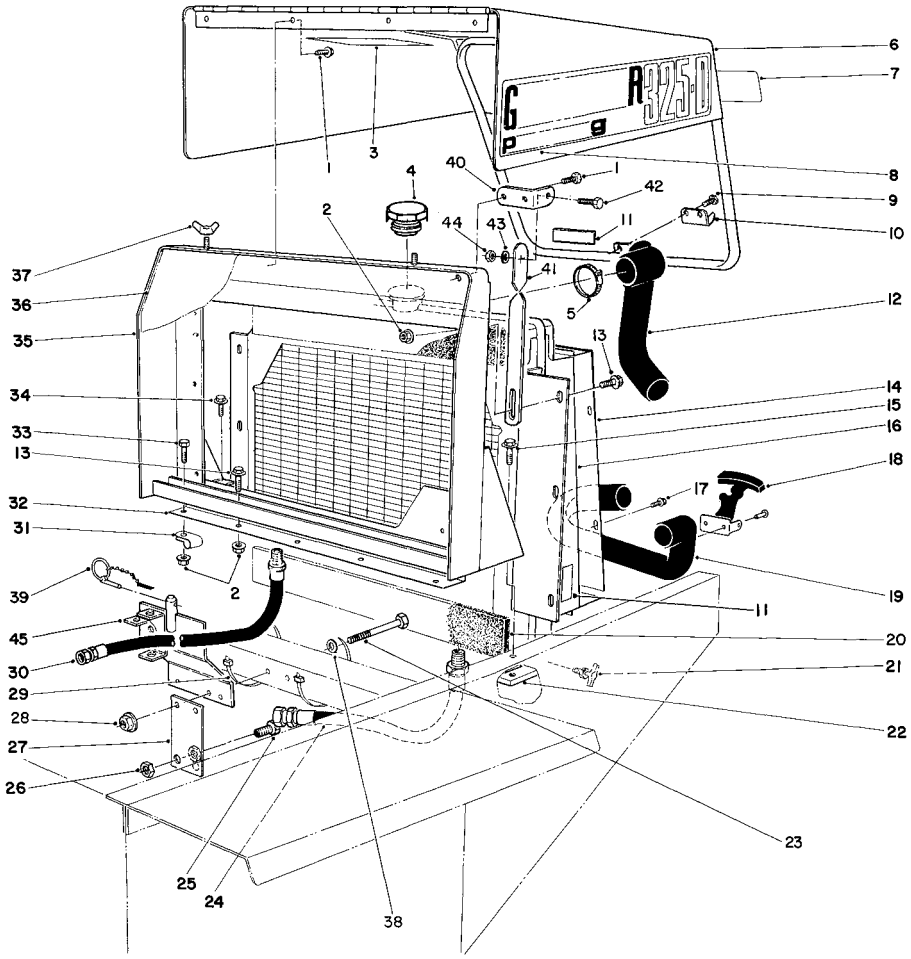
†Obtain Locally



T-0409

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	21-2370	Wire - Hour Meter Ground	1
2	88-1790	Wire Harness Assembly	1
3	43-4040	Wire Assembly	1
4	43-4010	Wire Assembly	2
5	70-1190	Ground Cable	1

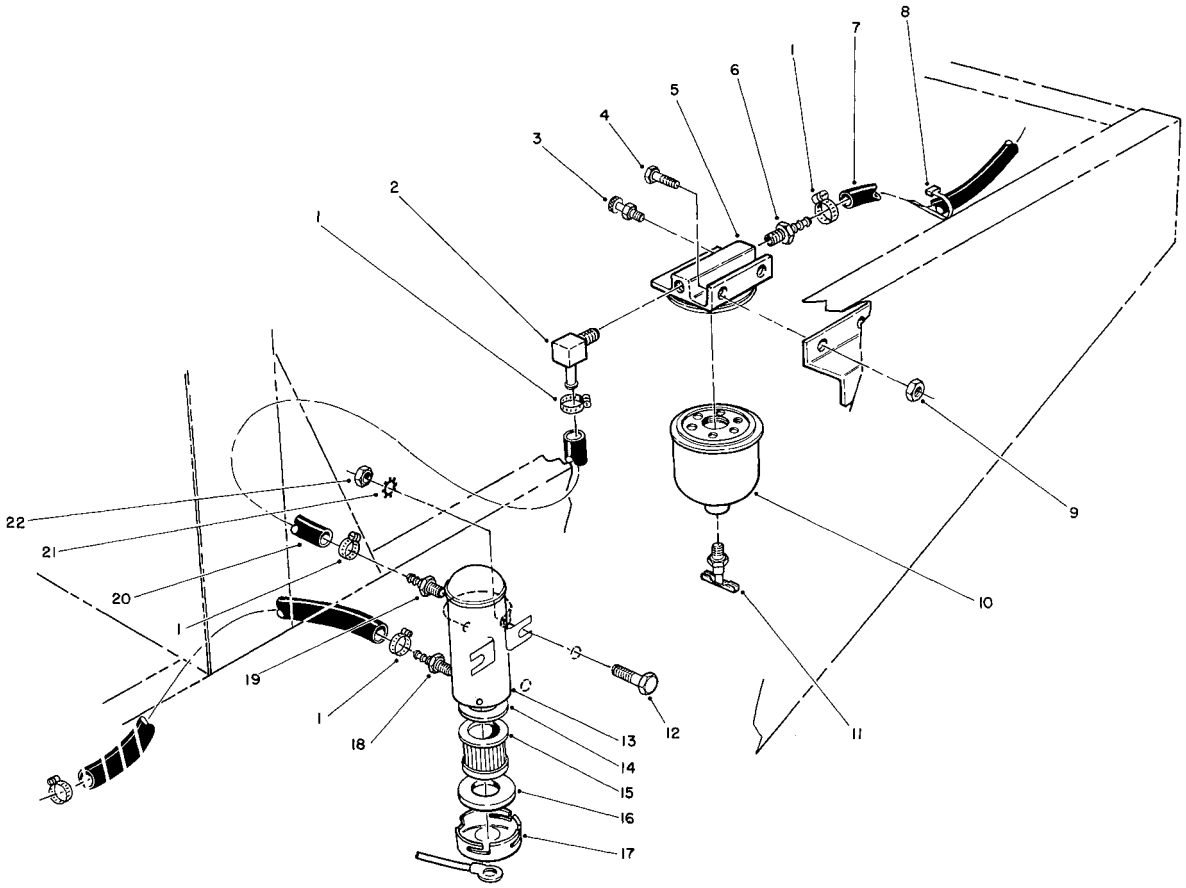


T-0410A

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

Ref. No.	Part No.	Description	No. Used
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

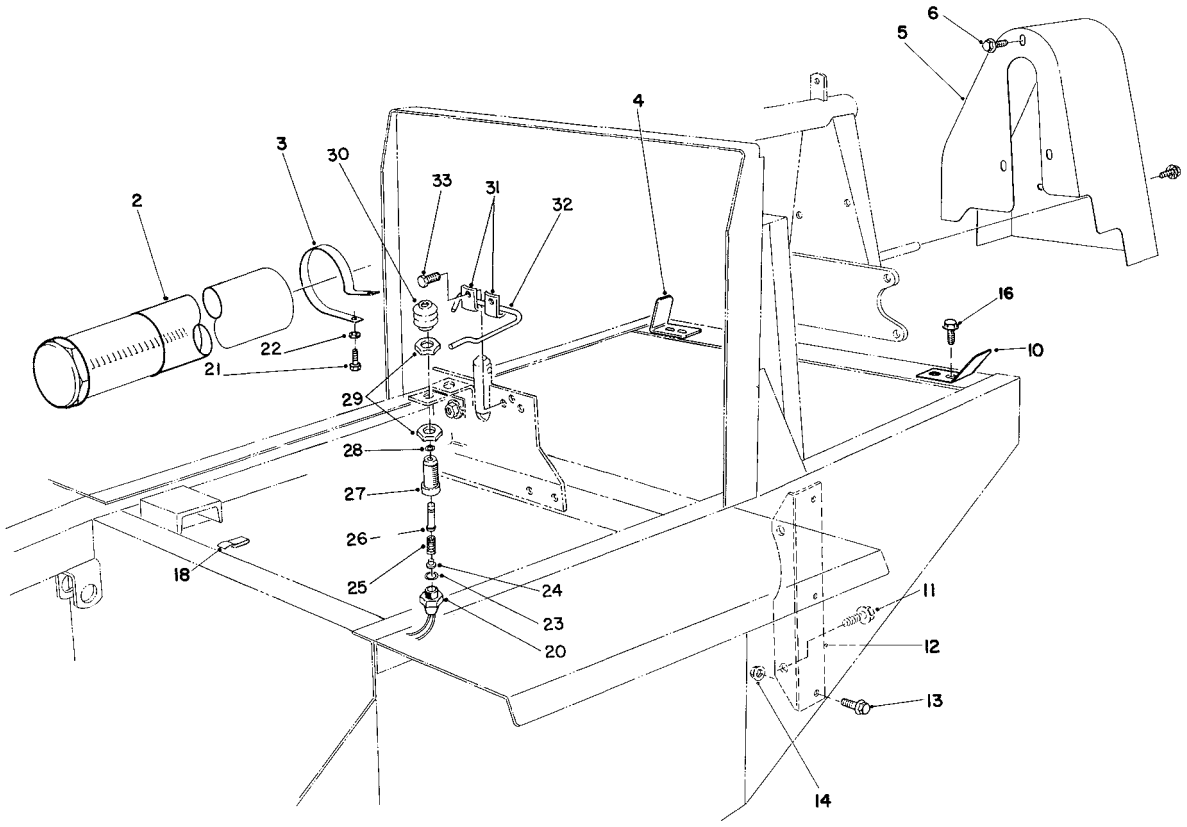


T–0411

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

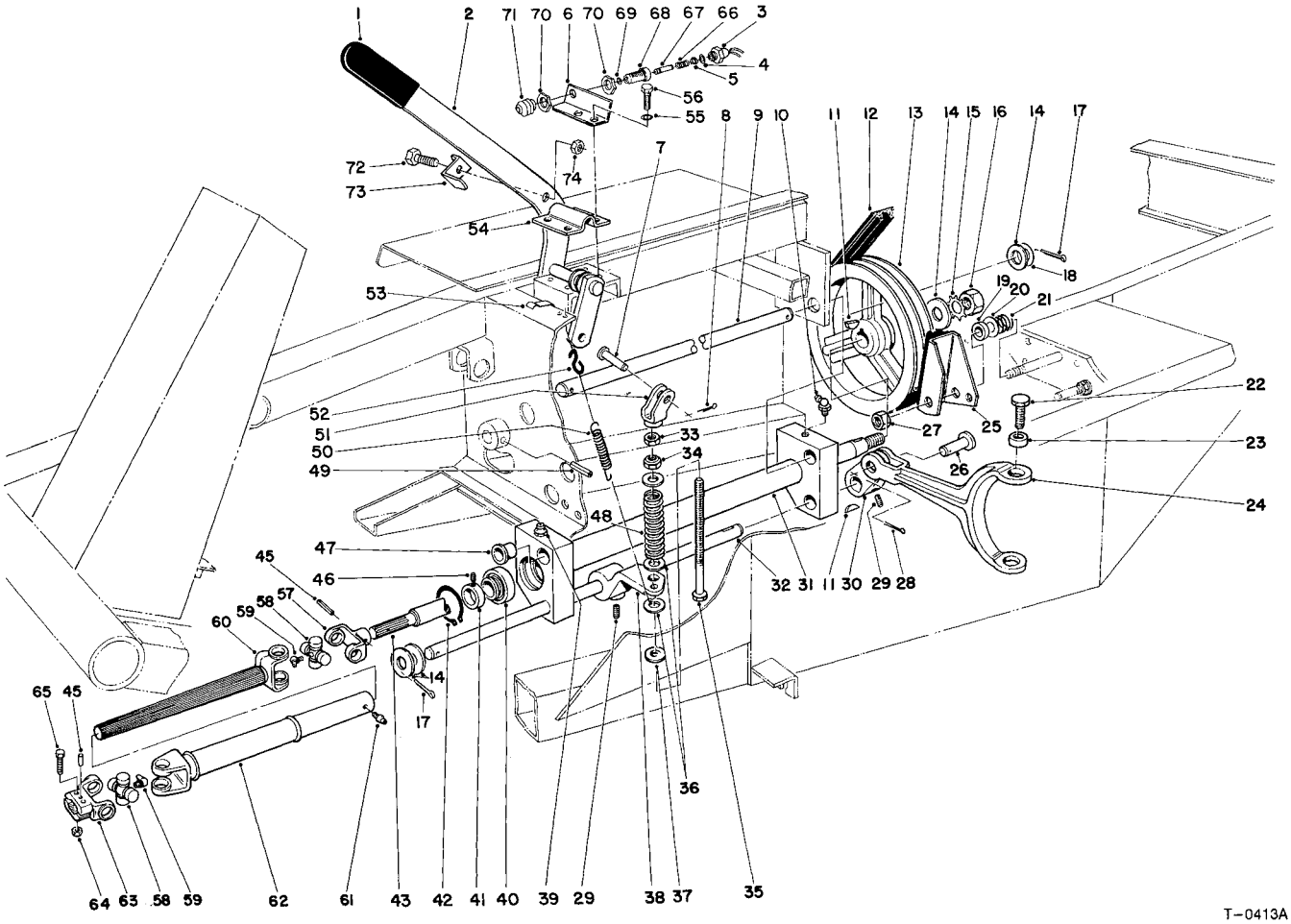


T-0412

INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	74-0720	Tube – Manual	1
3	2412-133	R-Clamp	2
4	67-8820	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	67-8810	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

Ref. No.	Part No.	Description	No. Used
20	72-4320	Switch – Ball	1
21	322-2	Screw – Cap, Hex. Hd.	2
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

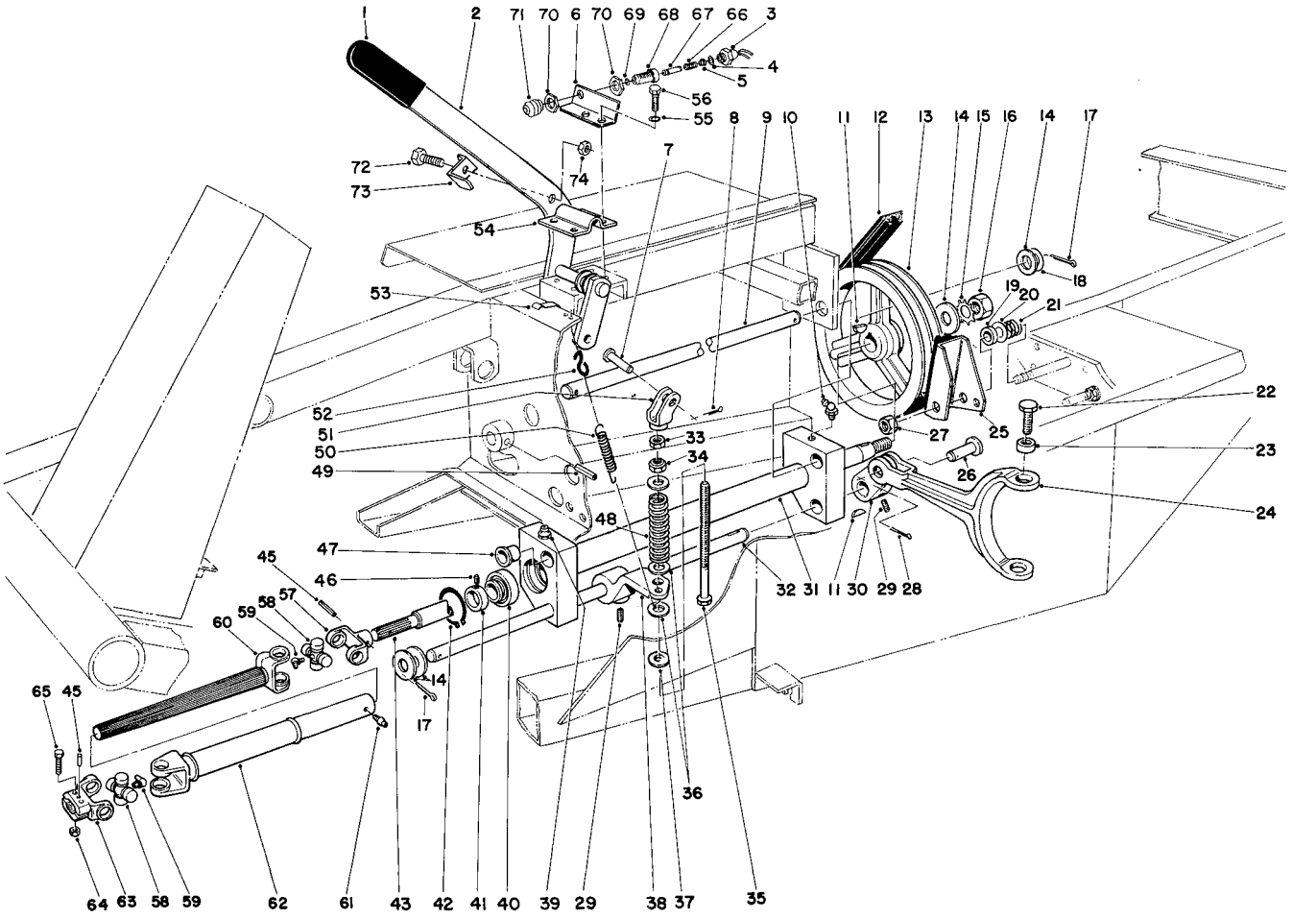


T-0413A

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	30-2120	Screw - Cap, Hex. Hd.	2
23	43-3800	Bushing - P.T.O. Fork	2
24	43-5610	Fork P.T.O.	1
25	27-7370	Brake Assembly P.T.O.	1
26	283-8	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	43-5590	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	3
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



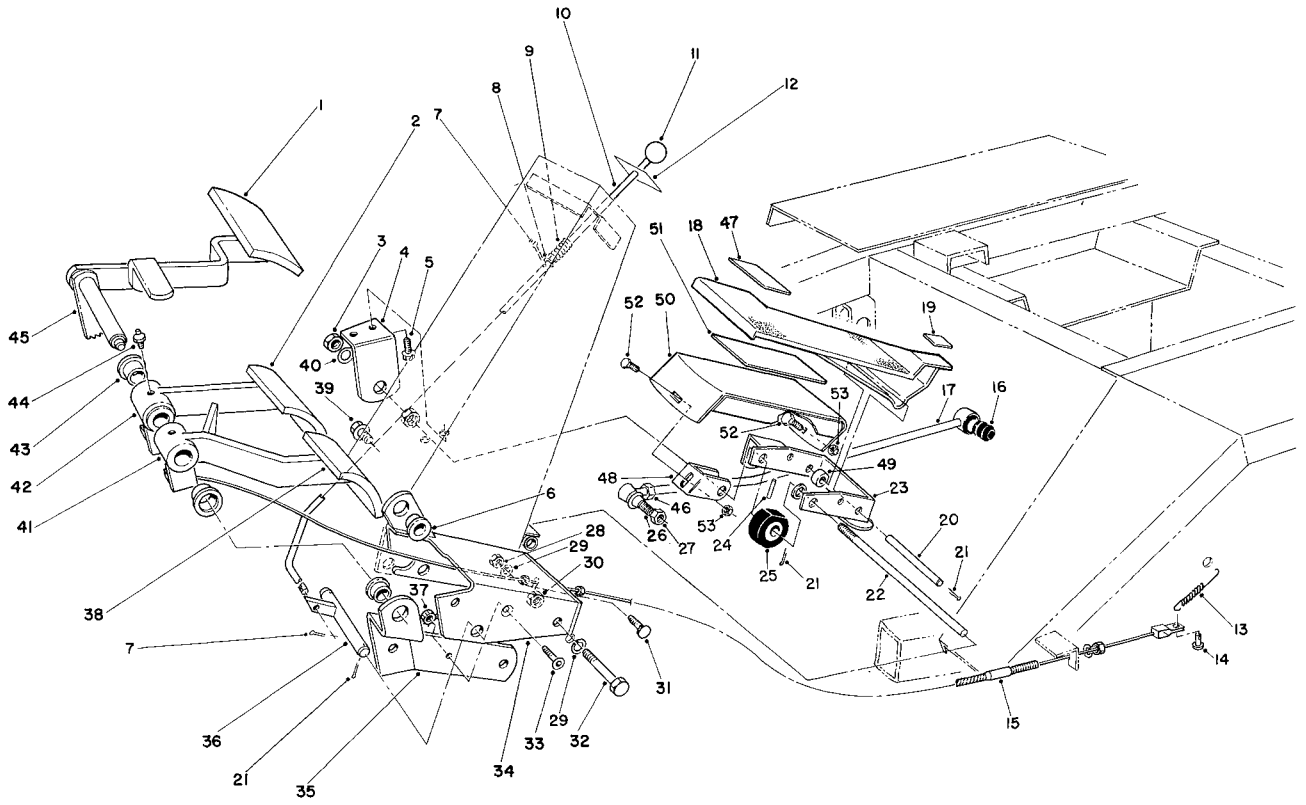
T-0413A

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

Ref. No.	Part No.	Description	No. Used
65	322-9	Screw - Cap Hex. Hd.	2
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

*Not Illustrated



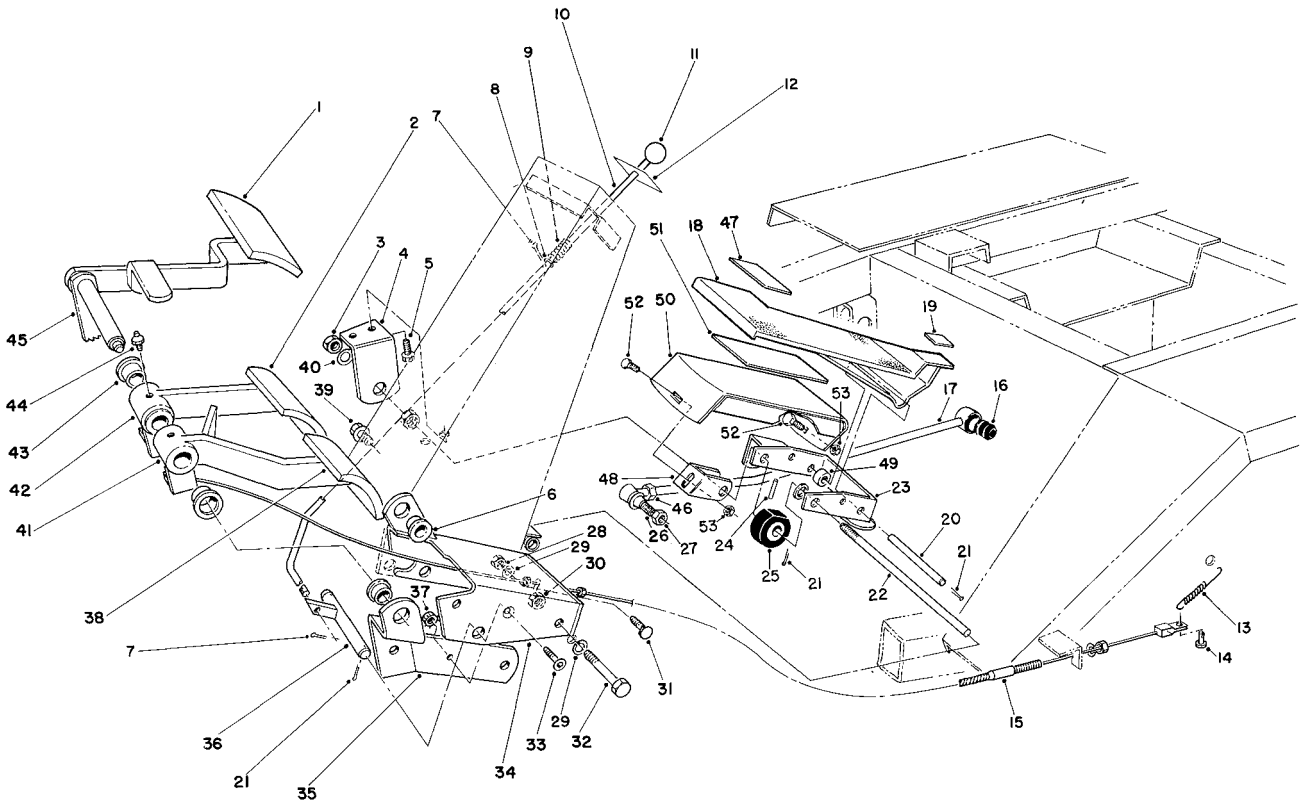
T-0415A

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



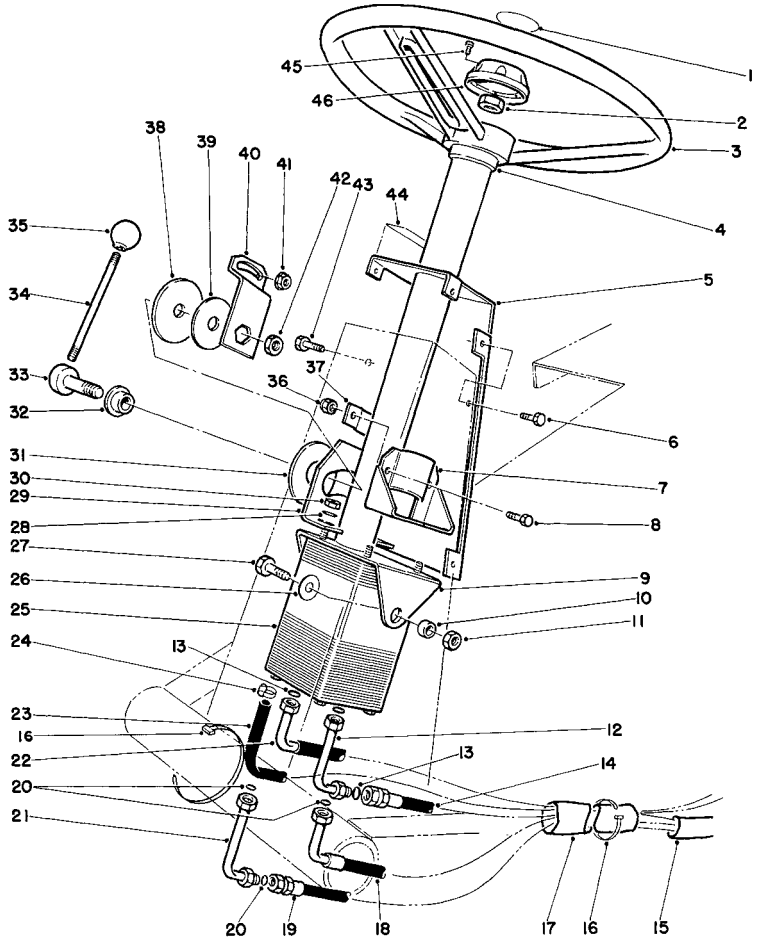
T-0415A

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

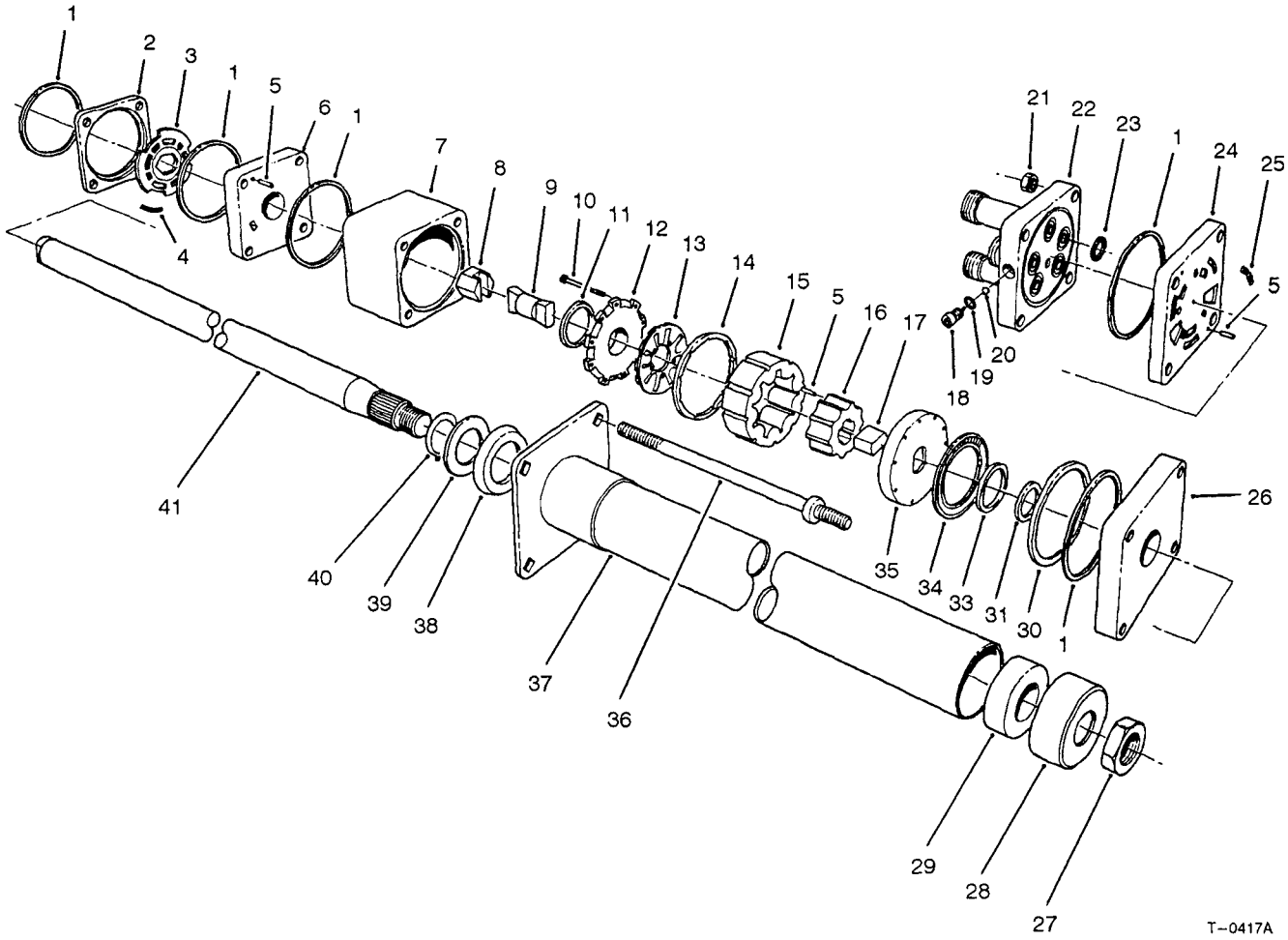


T-1187A

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	63-9250	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	3296-4	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. 63–9250

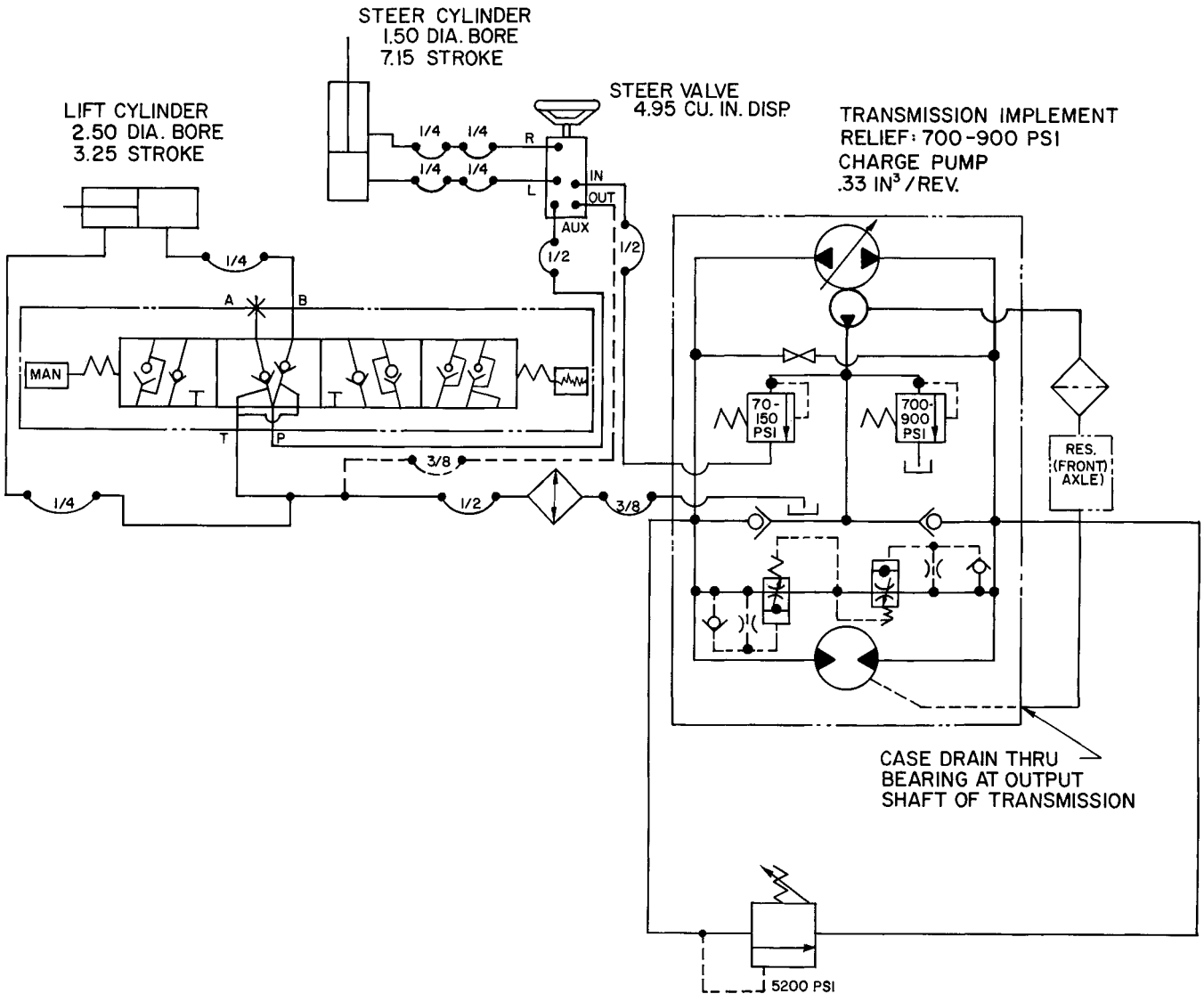
Ref. No.	Part No.	Description	No. Used
1		Ring – Seal	5
2		Ring – Valve	1
3		Plate – Valve	1
4		Spring	3
5		Pin – Alignment	9
6		Manifold – Isolation	1
7		Ring – Metering	1
8		Hex Drive Assy.	1
9		Link – Drive	1
10		Screw – Hex. Hd. Socket	11
11		Seal – Commutator	1
12		Cover – Commutator	1
13		Commutator	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

Ref. No.	Part No.	Description	No. Used
25		Spring	3
26		Plate – Upper Cover	1
27	3220–6	Nut	1
28	66–9770	Seal	1
29	66–9780	Bushing	1
30		Spacer – Thrust Bearing	1
31		Spacer – Seal	1
33		Seal—Face	1
34		Bearing – Thrust	1
35		Plate – Drive	1
36	66–9850	Bolt – Special	4
37	66–9860	Upper Cover & Jacket	1
38	66–9870	Plate – Retaining	1
39	66–9880	Washer – Retaining Plate	1
40	66–9890	Ring – Retaining	1
41	66–9900	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

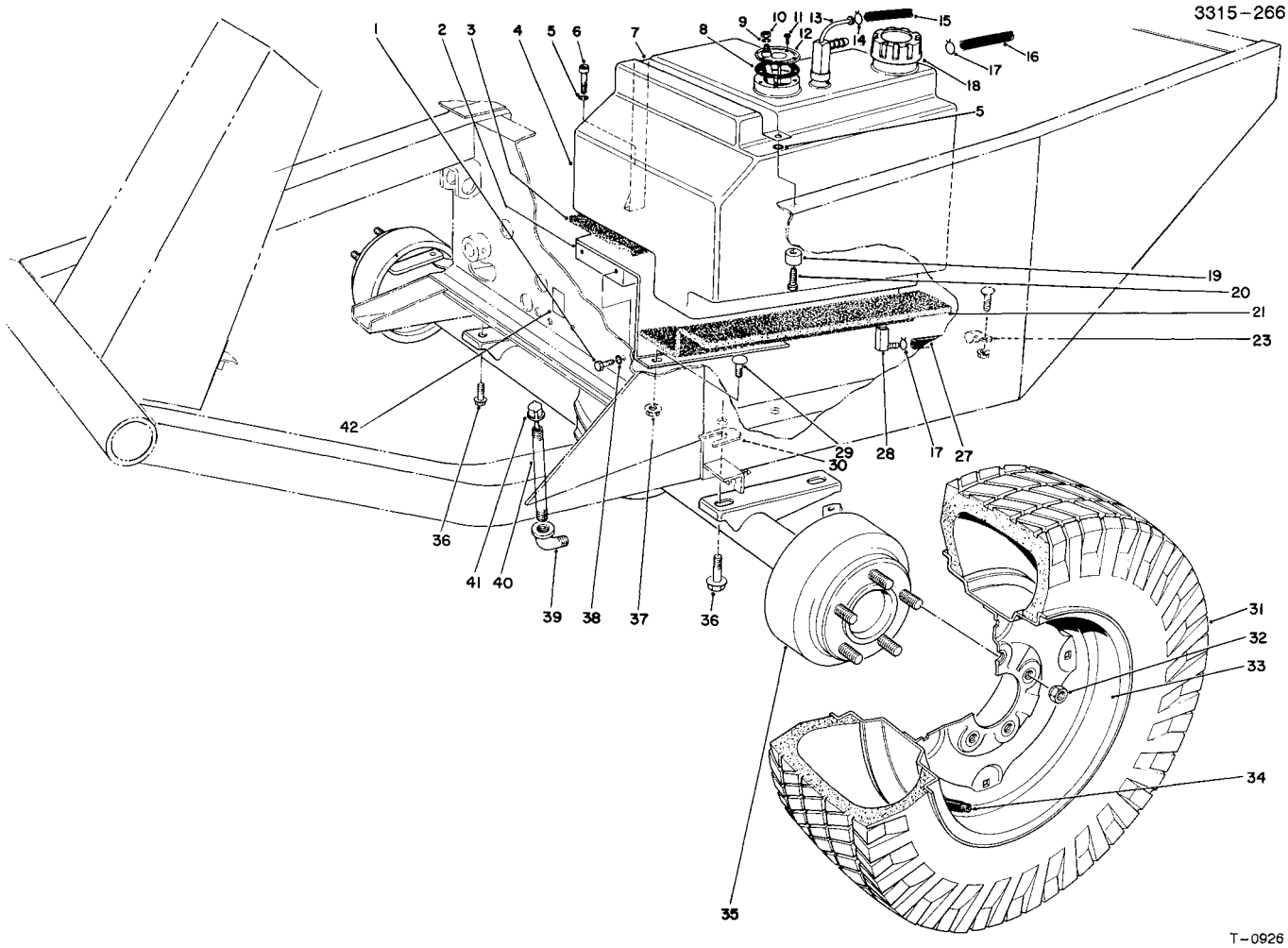
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HYDRAULIC SCHEMATIC

HYDRAULIC SCHEMATIC



T-0929

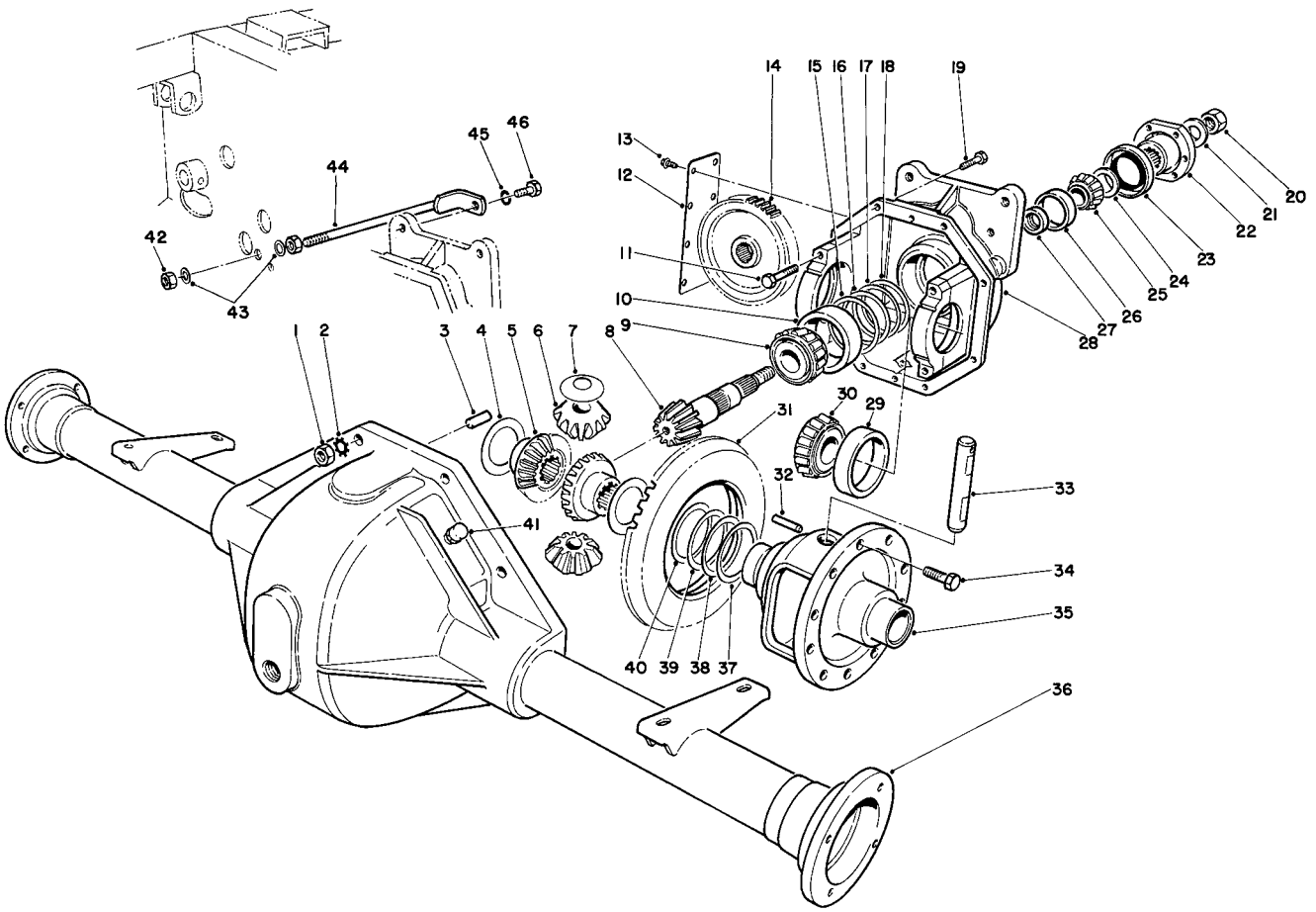


FRONT AXLE & FUEL TANK ASSEMBLY

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



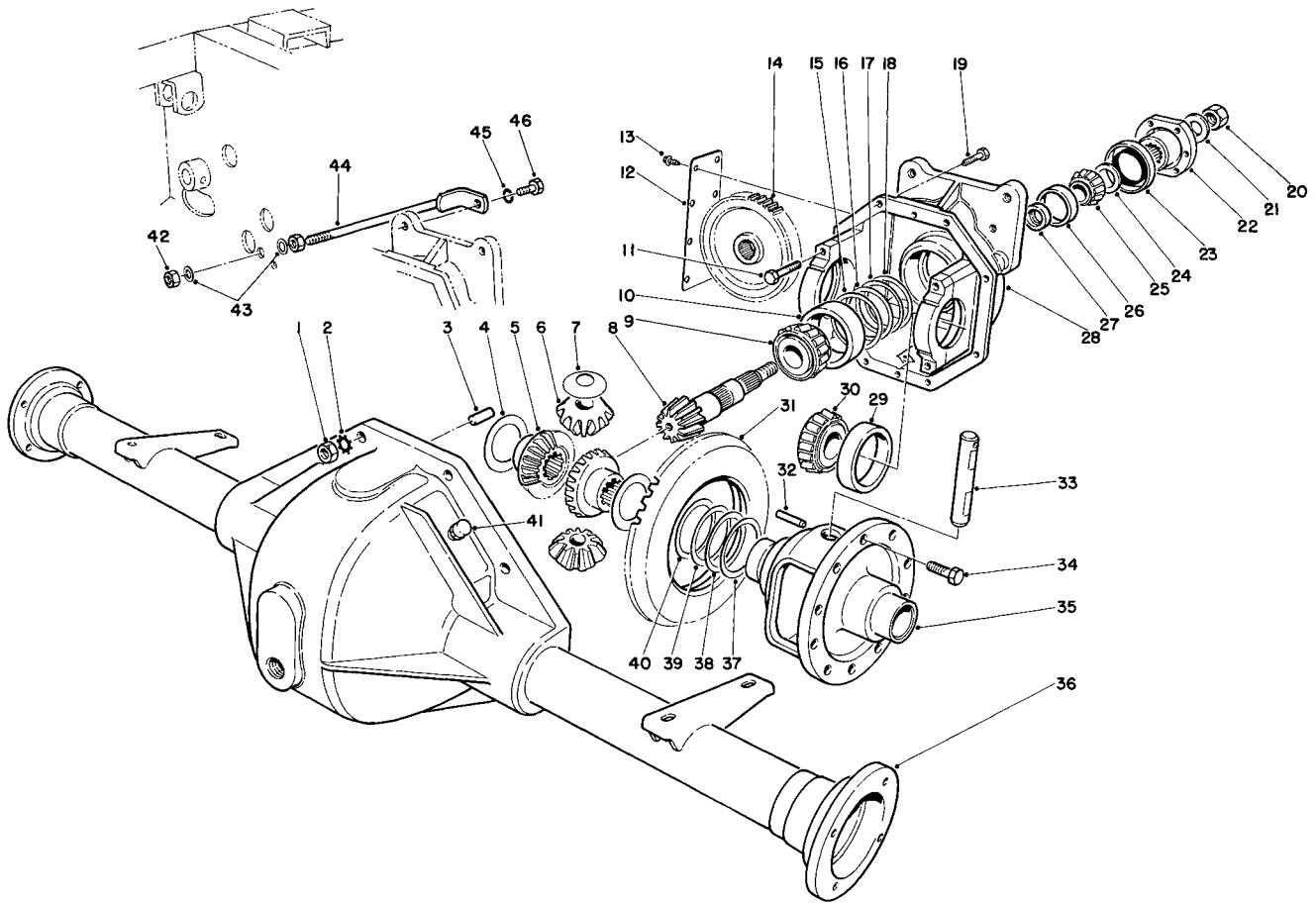
T-0905A

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

Ref. No.	Part No.	Description	No. Used
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



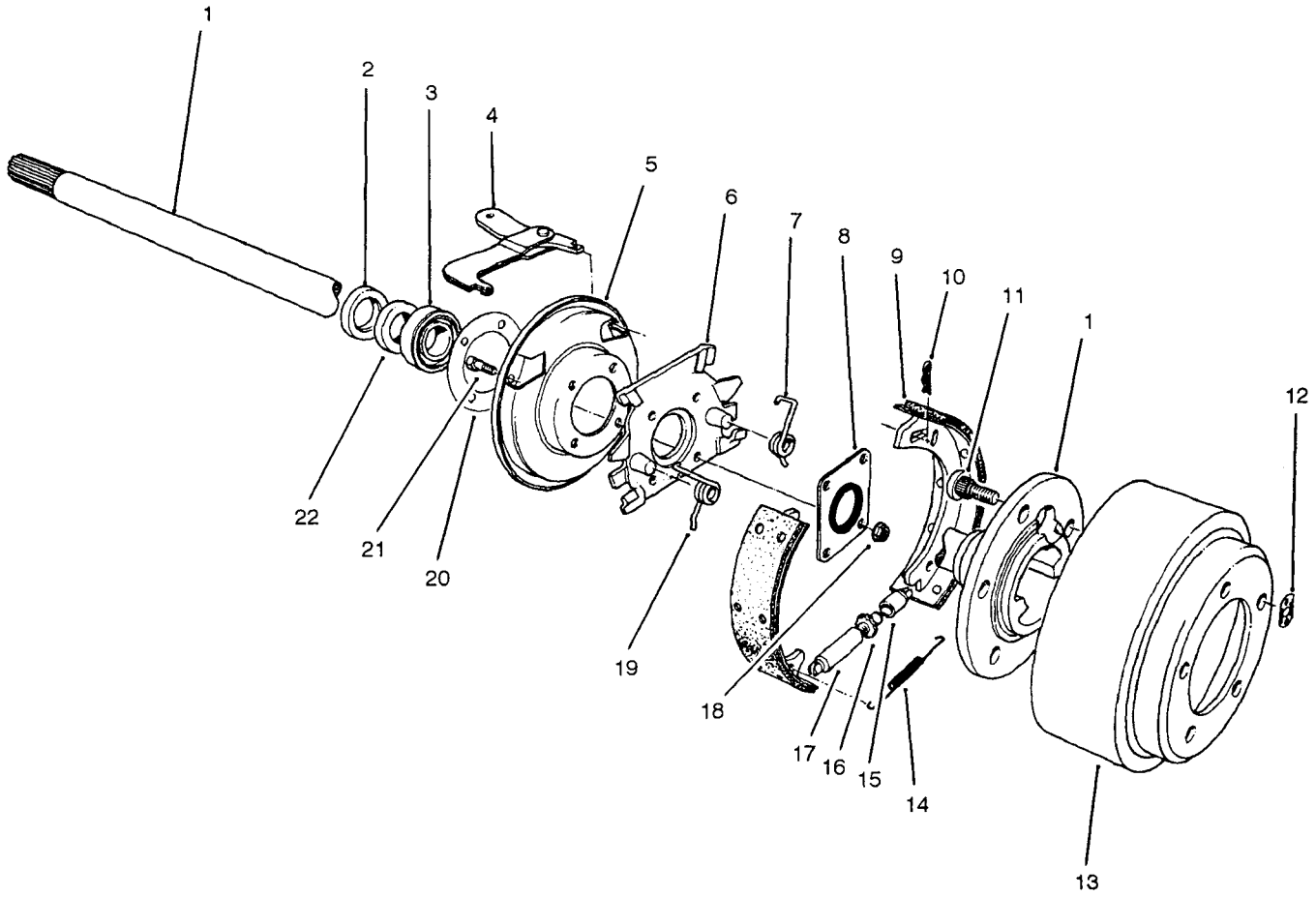
T–0905A

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

Ref. No.	Part No.	Description	No. Used
37	21–8120	Shim .030 – Diff. Adjust.	A/R
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

*Not Illustrated

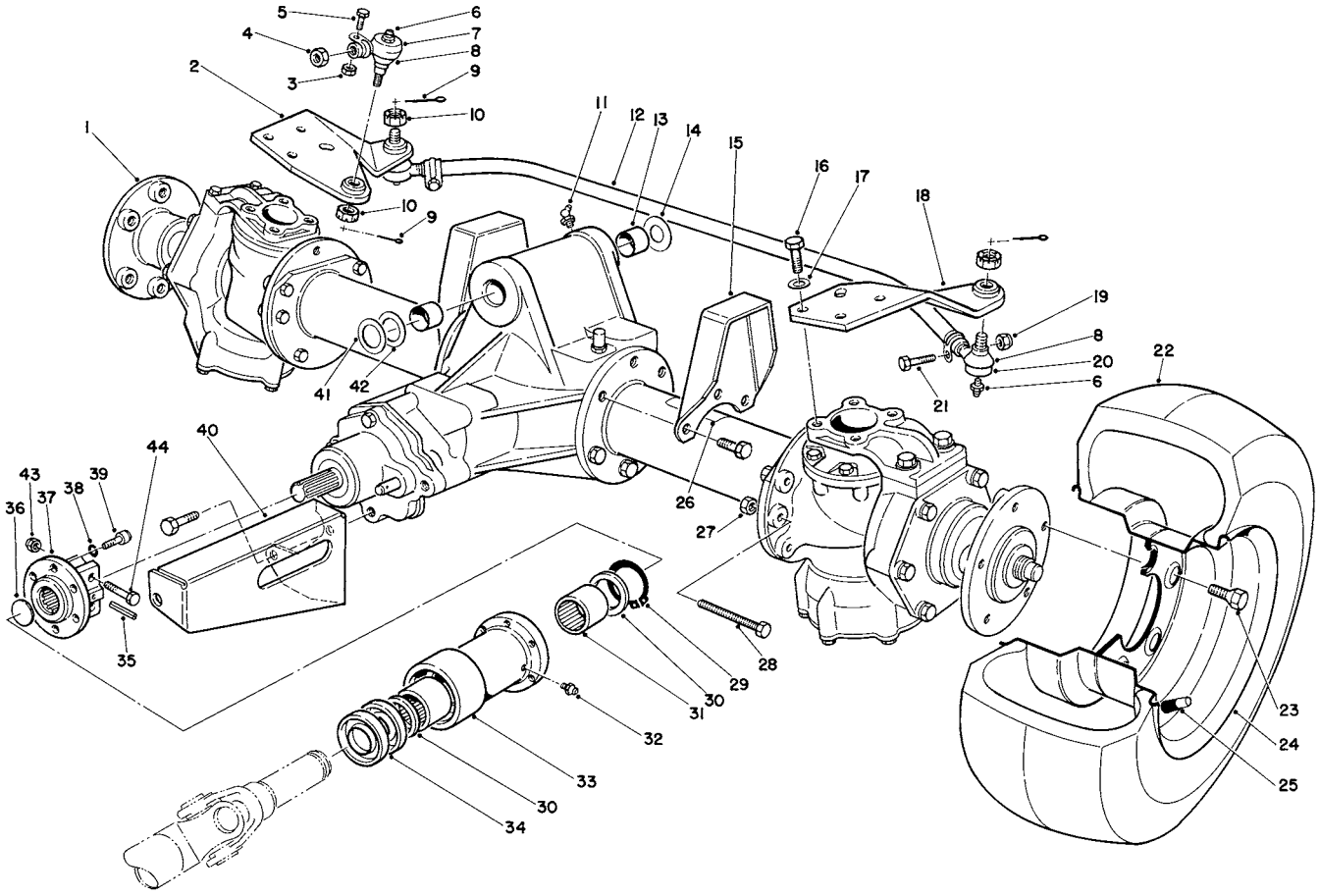


T-0421

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
20	21-8320	Gasket - Wheel Bearing	2
21	24-8840	Ring - Wheel Bearing	2
22	28-0660	Screw - Cap, Hex. Hd.	8



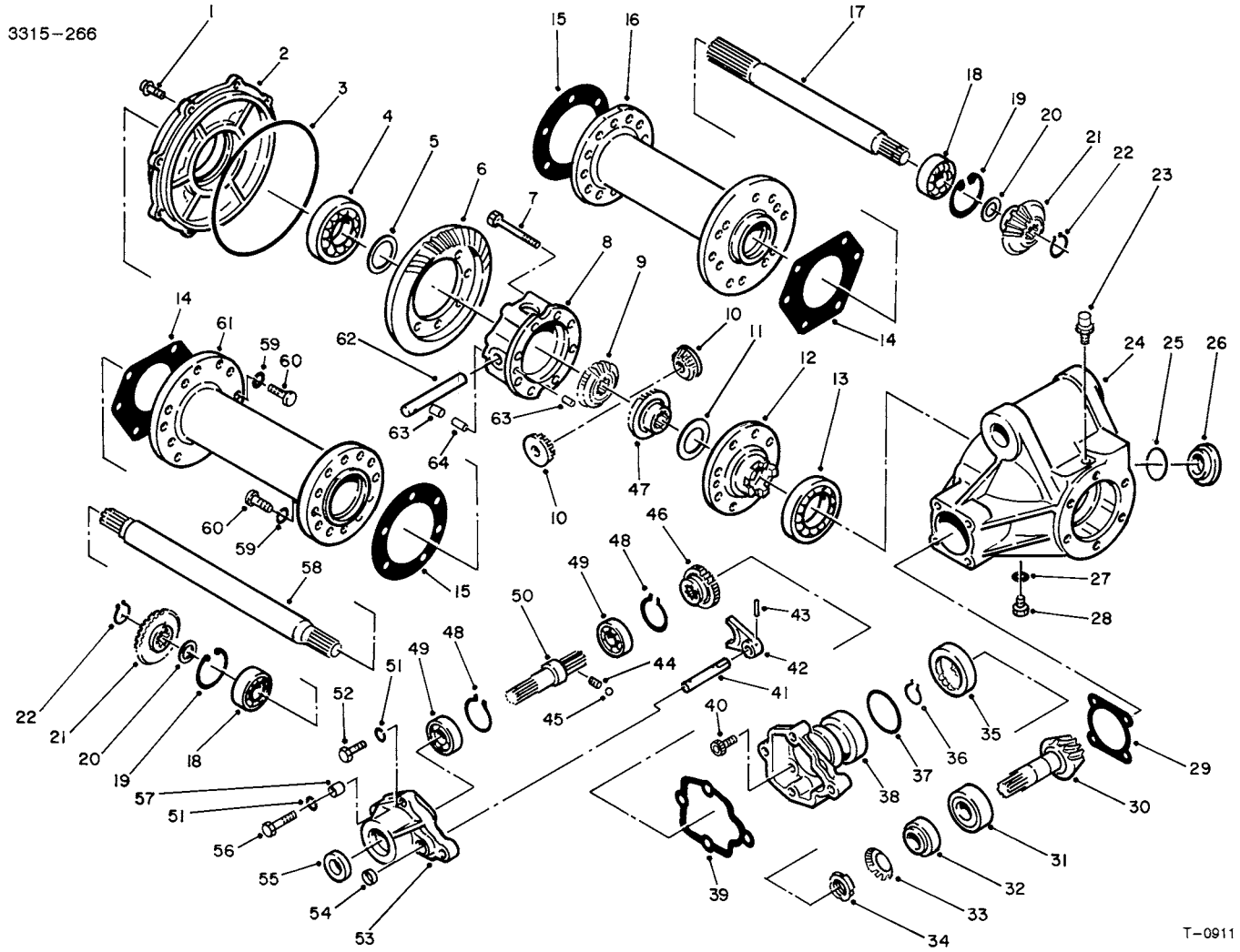
T–0903

STEERABLE AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68–6820	Axle – Drive, Steerable	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
20	71–4740	Rod End (Incl. Ref. #6, 8 & 10)	2

Ref. No.	Part No.	Description	No. Used
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
40	68–6880	Bracket – Clutch, Cable	1
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

*Not Illustrated

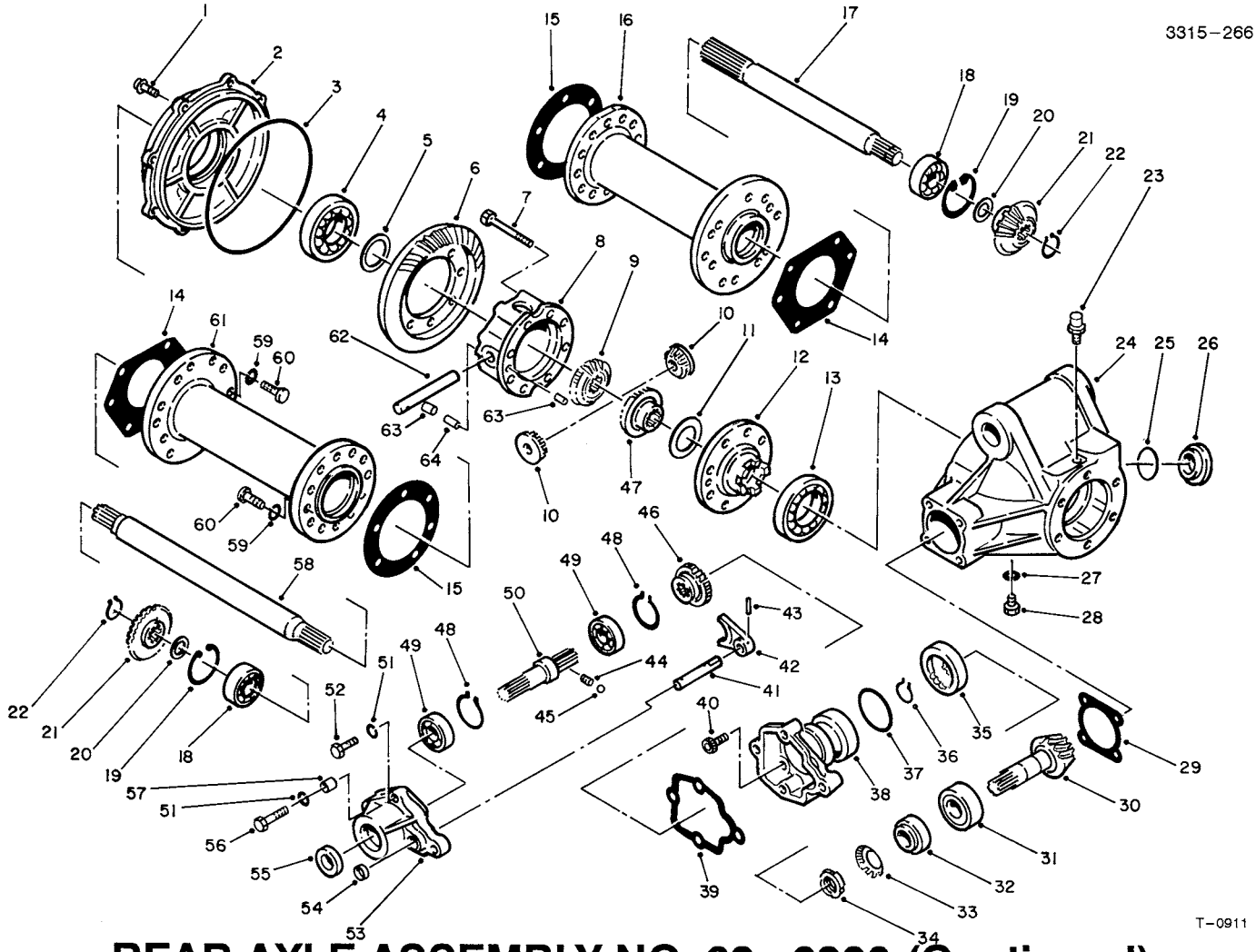


REAR AXLE ASSEMBLY NO. 68-6820

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, Differential	1
10	72-4950	Gear - Pinion, Differential	2
11	72-5040	Washer - Gear, Diff.	1
12	72-4910	Flange - Case, Diff.	1
13	251-345	Bearing - Ball	1
14	72-5080	Gasket	2
15	72-5070	Gasket	2
16	72-5050	Tube - Axle, R.H.	1
17	72-5060	Axle - R.H.	1
18	251-350	Bearing - Ball	2
19	72-5360	Ring - Retaining	2

Ref. No.	Part No.	Description	No. Used
20	72-5100	Spacer	2
21	72-5090	Bear - 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 - Roller, Tapered	1
32	254-109	Bearing - Roller, Tapered	1
33	72-5250	Washer	1
34	72-5260	Nut	1
35	72-5280	Clutch - Outer	1
36	72-5380	Ring - Retaining	1
37	72-5460	O-Ring	1
38	72-5270	Case	1

*Not Illustrated

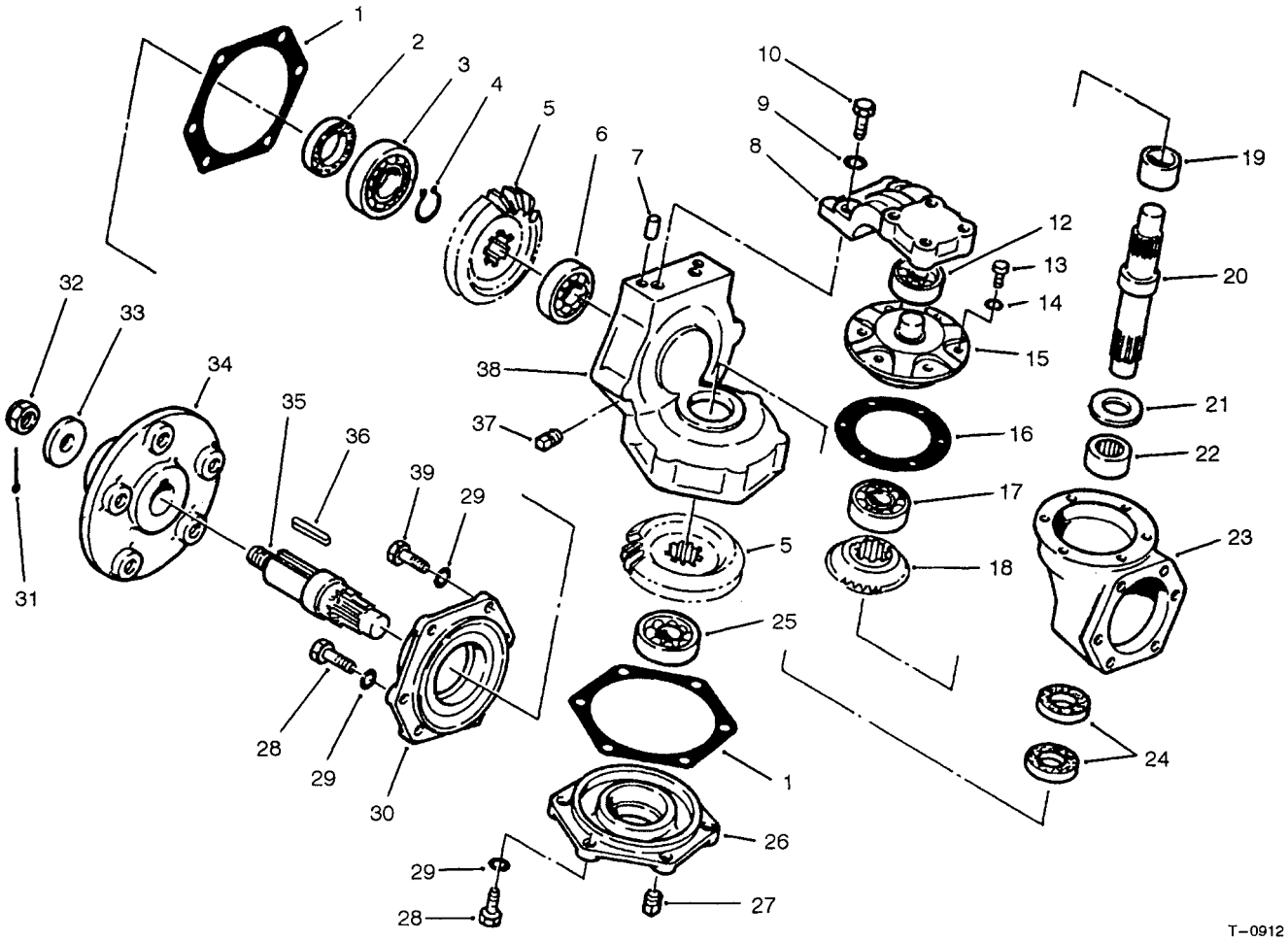


REAR AXLE ASSEMBLY NO. 68–6820 (Continued)

Ref. No.	Part No.	Description	No. Used
39	72–5290	Gasket	1
40	72–5830	Bolt – Socket Hd.	4
41	72–5330	Rod – Clutch	1
42	72–5320	Fork – Clutch	1
43	72–5450	Pin – Spring	1
44	72–5350	Spring	1
45	72–5470	Ball – Steel	1
46	72–5310	Clutch – Inner	1
47	72–4940	Gear – Side, Differential	1
48	72–5390	Ring – Retaining	2
49	251–346	Bearing – Ball	2
50	72–5340	Shaft – Input	1
51	42–9850	Washer – Lock M8	4
52	48–7730	Bolt – M8 x 30	2

Ref. No.	Part No.	Description	No. Used
53	72–5300	Cover – Clutch	1
54	72–5500	Seal – Oil	1
55	72–5490	Seal – Oil	1
56	63–4360	Bolt – M8 x 40	2
57	72–5480	Dowel	2
58	72–5120	Axle – L.H.	1
59	42–9600	Washer – Lock M10	24
60	48–9470	Bolt – M10 x 30	24
61	72–5110	Tube – Axle, L.H.	1
62	72–5020	Shaft – Pinion	1
63	72–5030	Pin – Dowel	2
64	72–5440	Pin –Spring	1
*	77–2970	Ring & Pinion Assembly (Incl. Ref.#6 & 30)	1

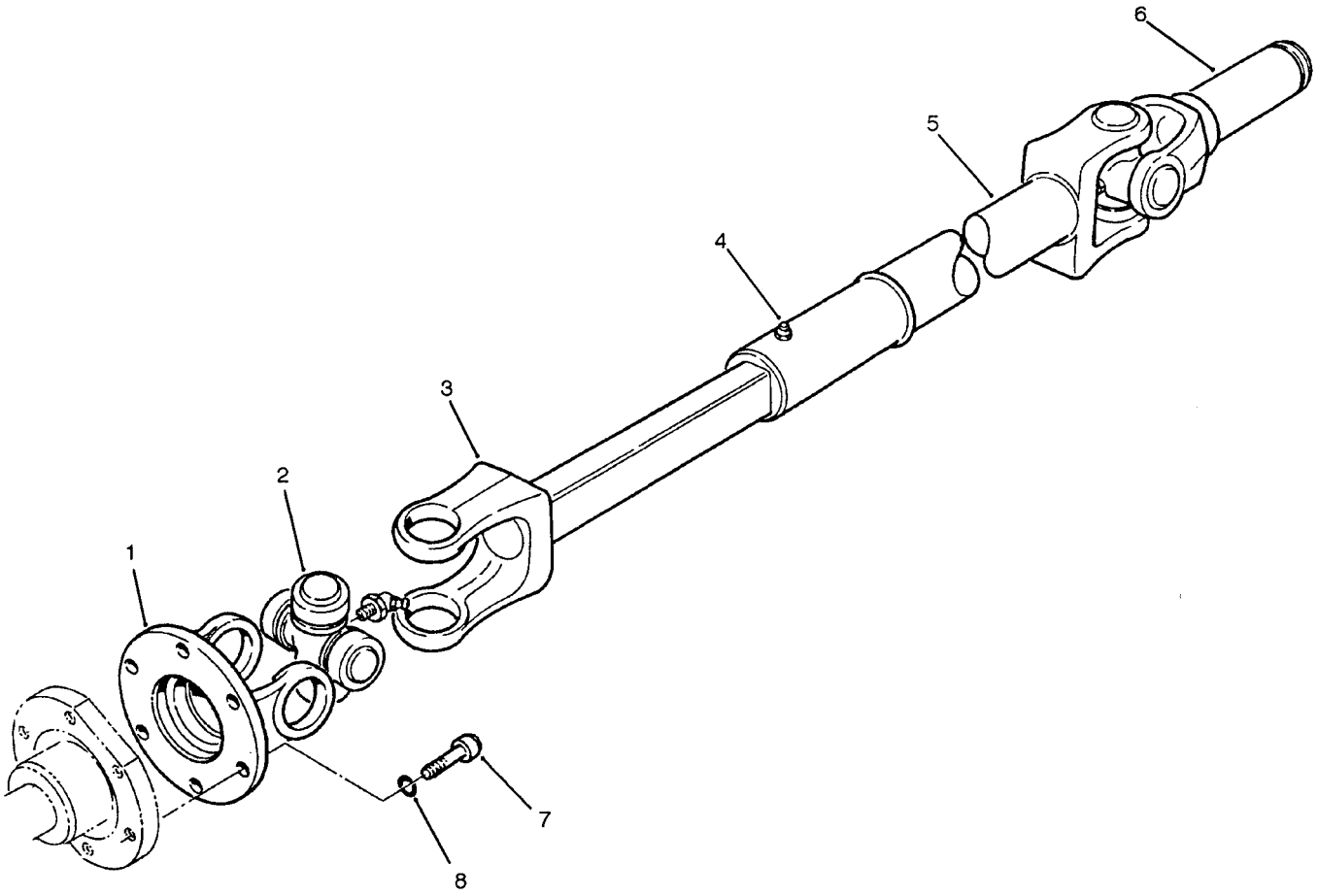
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STEERING KNUCKLE ASSEMBLY

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 – Castell	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



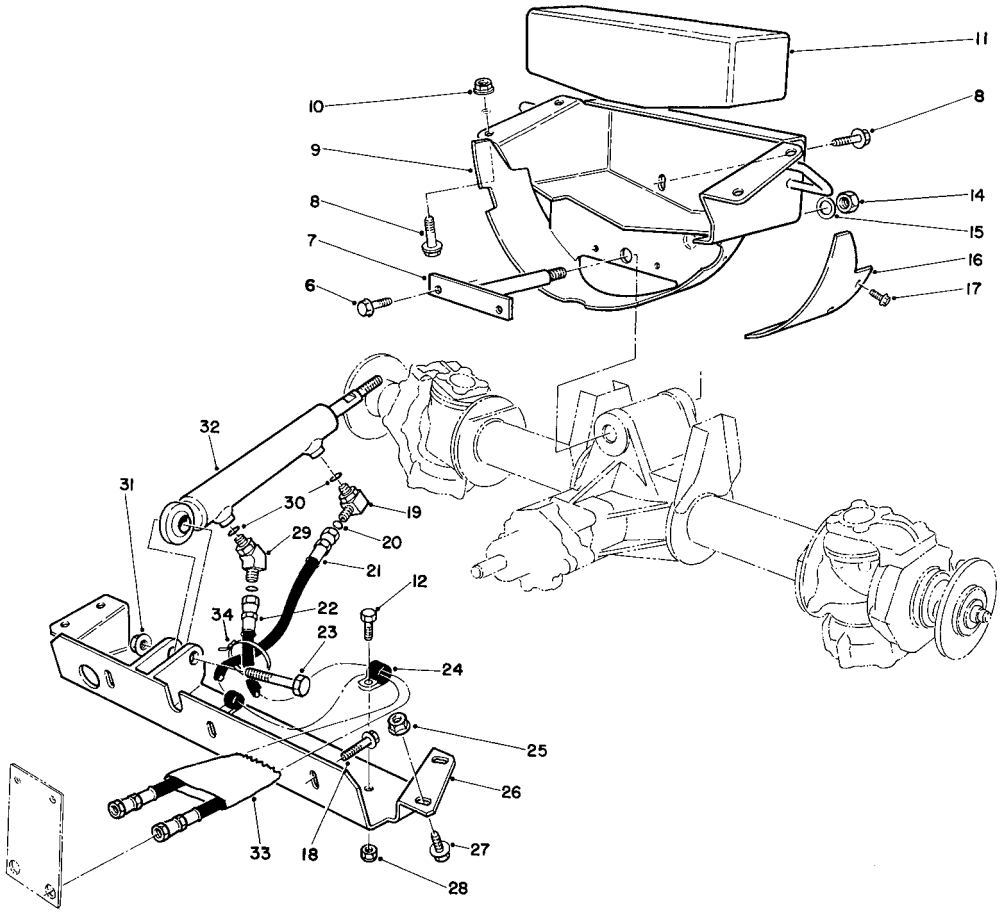
T–0906

DRIVE SHAFT ASSEMBLY NO. 71–4550

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	72–3430	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
*	71–4550	Driveshaft (Complete)	1

*Not Illustrated



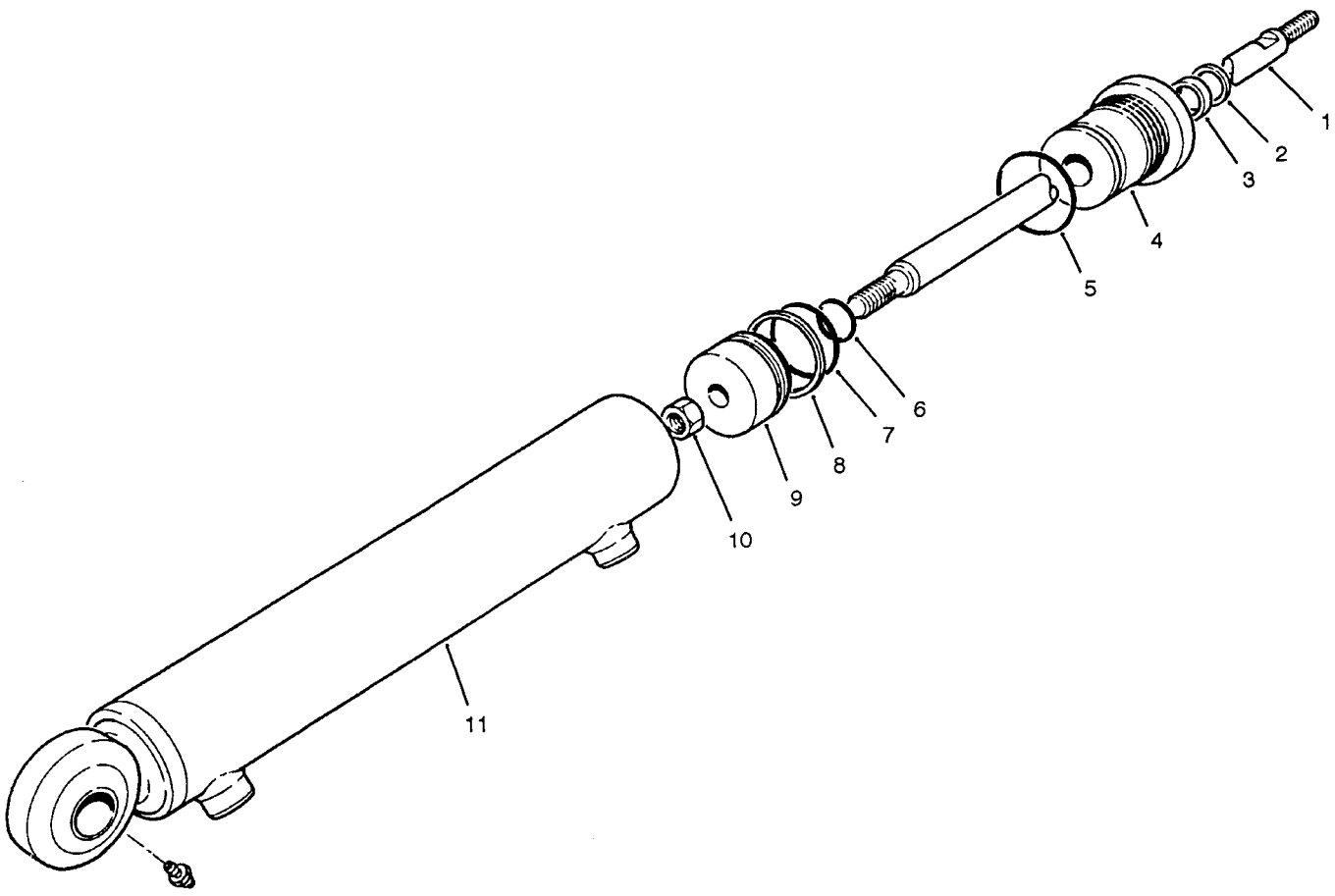
T–0908A

AXLE SUPPORT & STEERING CROSS MEMBER

Ref. No.	Part No.	Description	No. Used
6	3234–14	Screw – Flange, Hex. Hd.	2
7	67–8170	Pin W.A. – Axle, Rear	1
8	3234–32	Screw – Flange, Hex. Hd.	6
9	67–8130	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

Ref. No.	Part No.	Description	No. Used
21	71–4430	Hose Assy. – Steering	1
22	68–9710	Hose Assy. – Steering	1
23	328–25	Screw – Cap, Hex. Hd.	1
24	2412–39	Clamp	2
25	32128–21	Nut – Flange	4
26	68–6950	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	32128–45	Nut – Flange	1
32	68–6860	Cylinder – Hyd., Steering	1
33	70–1390	Sleeve – Protective	1
34	3290–379	Tie – Cable	1

†Included in 13–5609, Ref. #3, Page 1



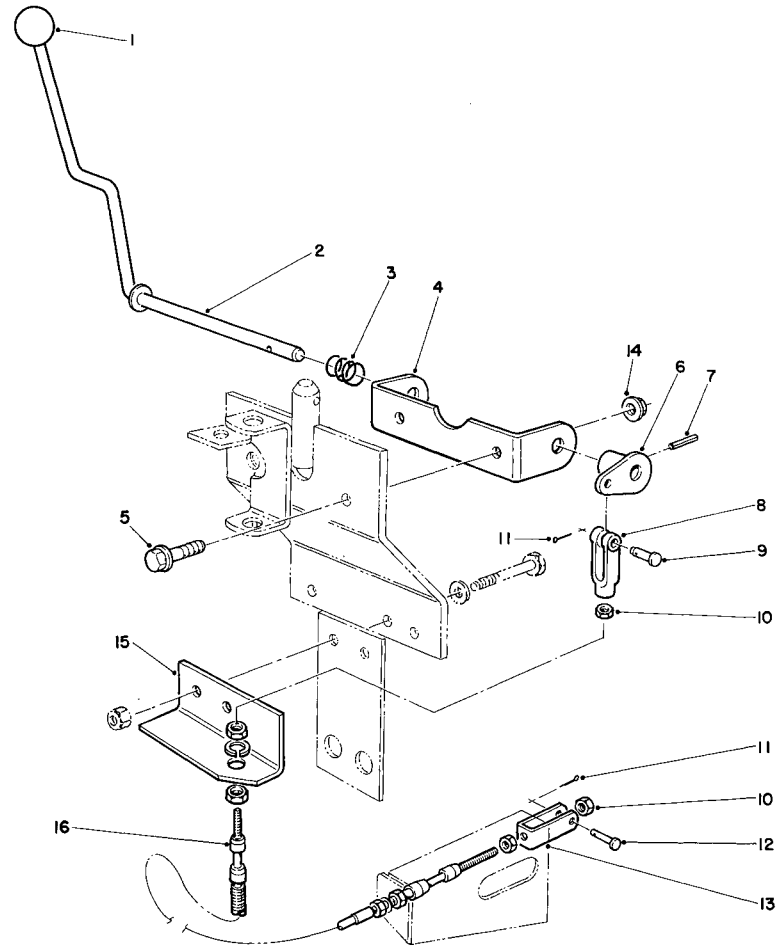
T–0904

STEERING CYLINDER PART NO. 68–6860

Ref. No.	Part No.	Description	No. Used
1	72–3520	Rod	1
2		Wiper	1
3		U–Cup	1
4	72–3520	Head – Internal	1
5		O–Ring	1
6		O–Ring	1
7		O–Ring	1

Ref. No.	Part No.	Description	No. Used
8		Ring – Piston	1
9	72–3500	Piston	1
10	72–3490	Nut	1
11	72–3510	Barrel Assembly	1
*	72–3480	Kit – Seal (Incl. Ref.#2, 3, & 5–8)	1

*Not Illustrated

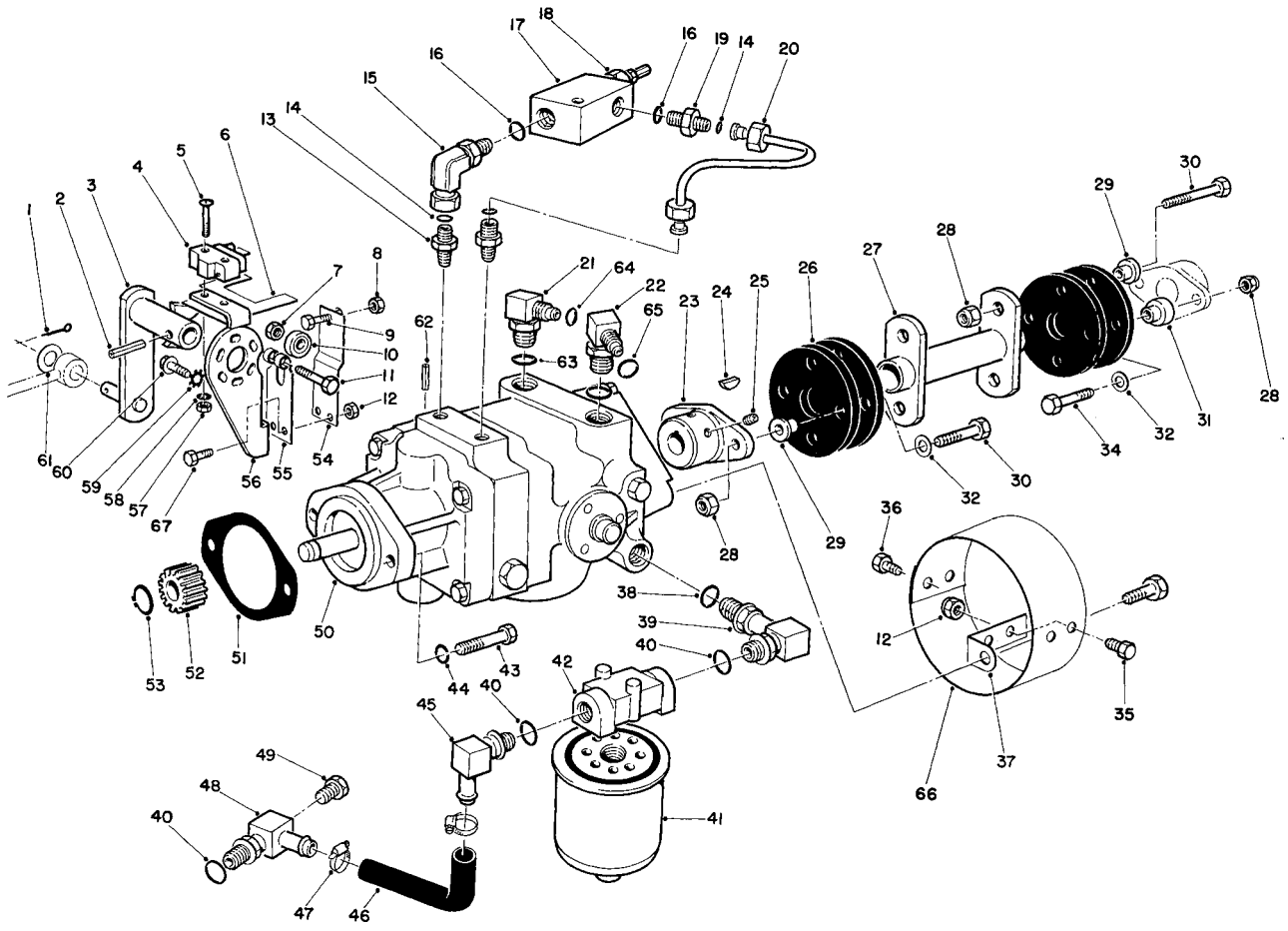


T-0907A

CLUTCH ENGAGEMENT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-21	Knob	1
2	71-4610	Handle W.A.	1
3	5-1747	Spring – Compression	1
4	71-4640	Bracket – Lever, Shaft	1
5	3234-11	Screw – Flange, Hex. Hd.	2
6	71-4650	Lever W.A.	1
7	32121-5	Pin – Roll	1
8	282-17	Clevis	1
9	283-3	Pin – Clevis	1

Ref. No.	Part No.	Description	No. Used
10	3220-1	Nut – Jam	3
11	3272-1	Pin – Cotter	2
12	283-17	Pin –Clevis	1
13	68-6890	Clevis	1
14	32128-21	Nut – Flange, Lock	2
15	71-4630	Mount – Cable	1
16	71-4680	Cable Assembly	1



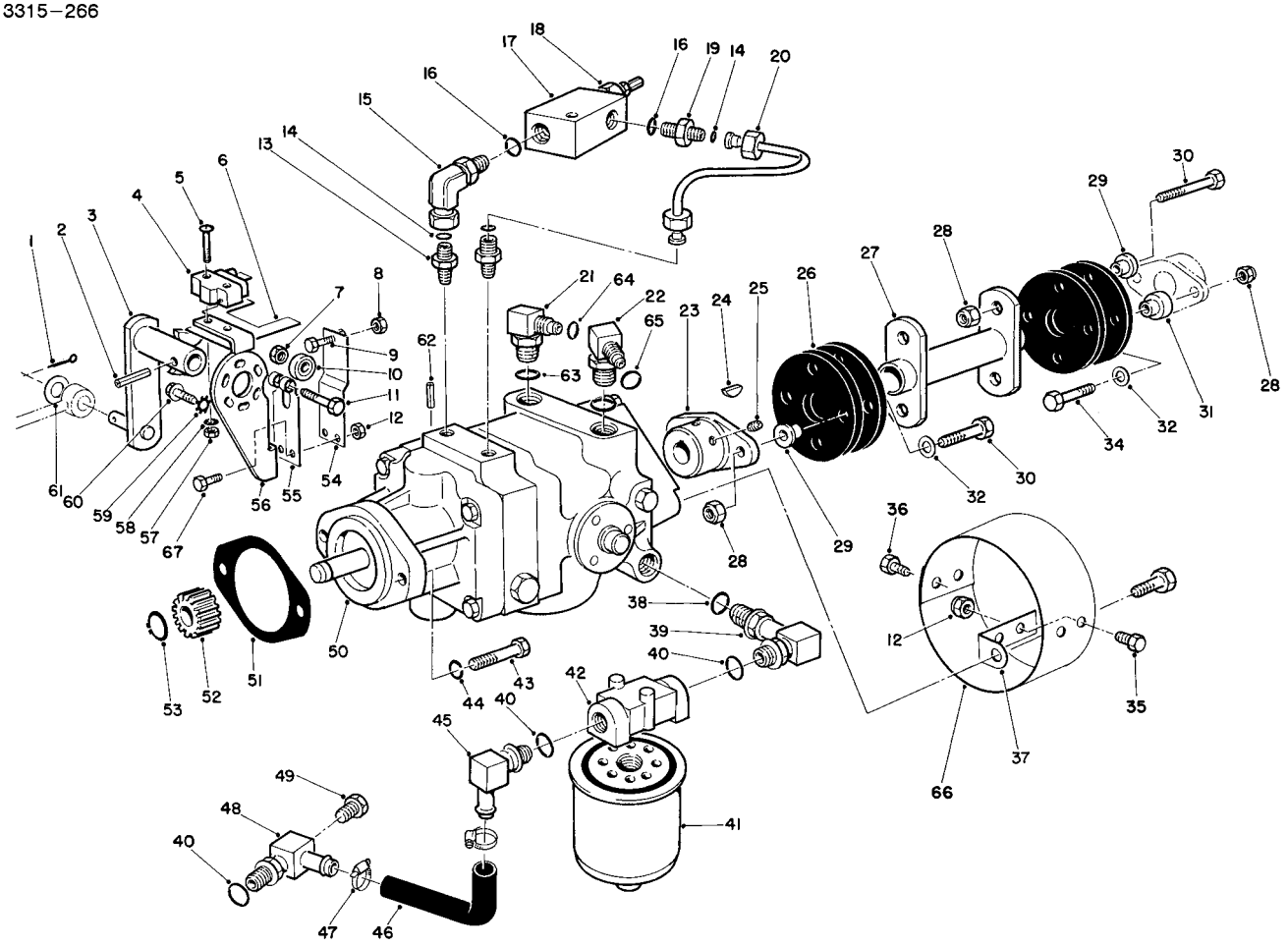
T-0909A

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
13	340-107	Fitting - Straight	2
14	237-21	O-Ring	3
15	340-143	Elbow - Swivel	1
16	237-78	O-Ring	2
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	1
20	72-3550	Tube Assembly	1
21	340-77	Elbow - Fitting	1
22	340-99	Elbow - Fitting	1

Ref. No.	Part No.	Description	No. Used
23	33-4380	Hub - Pump	1
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	67-8110	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

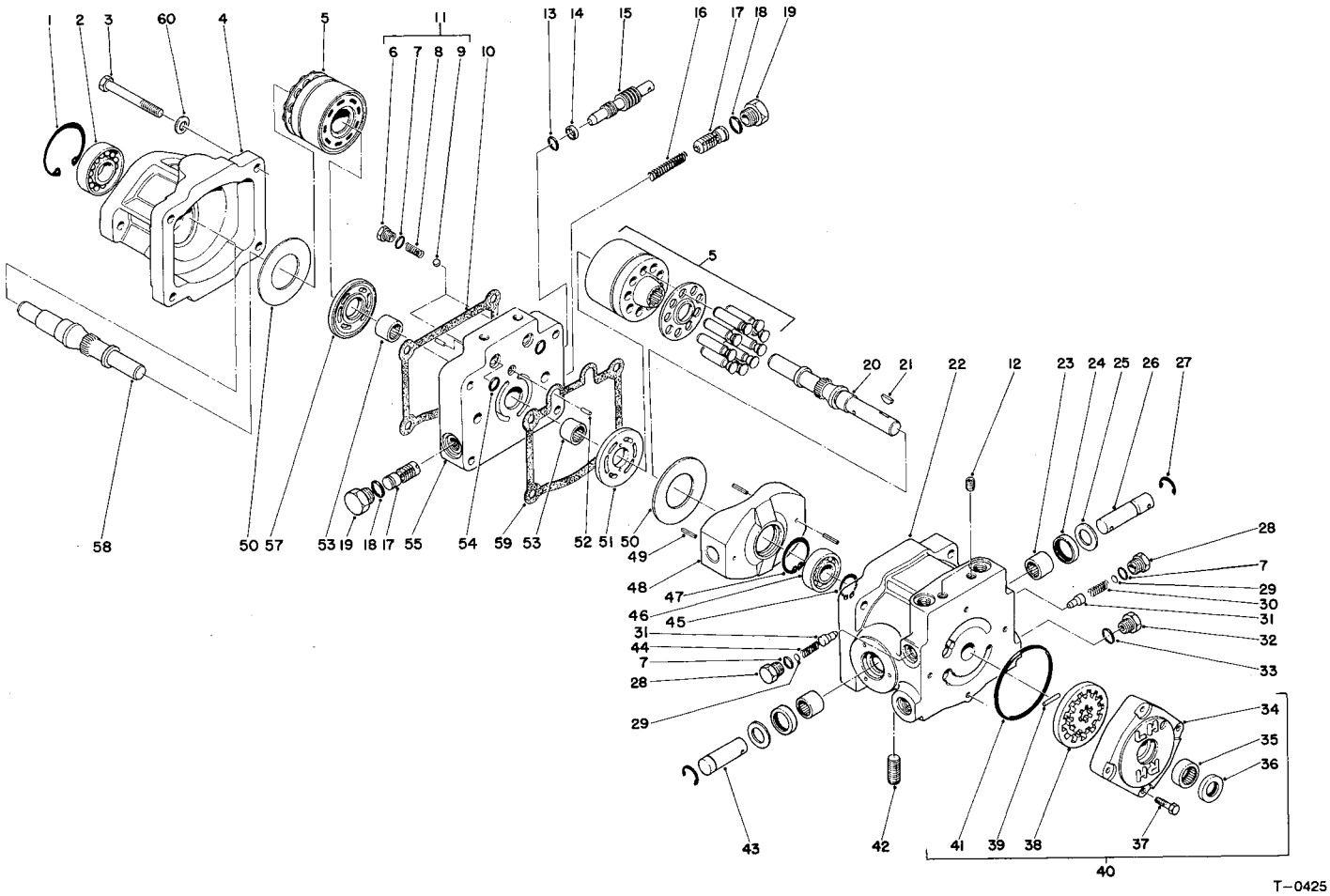


T–0909

HYDROSTATIC TRANSMISSION (Continued)

Ref. No.	Part No.	Description	No. Used
49	353–508	Plug – Drain	1
50	71–4370	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

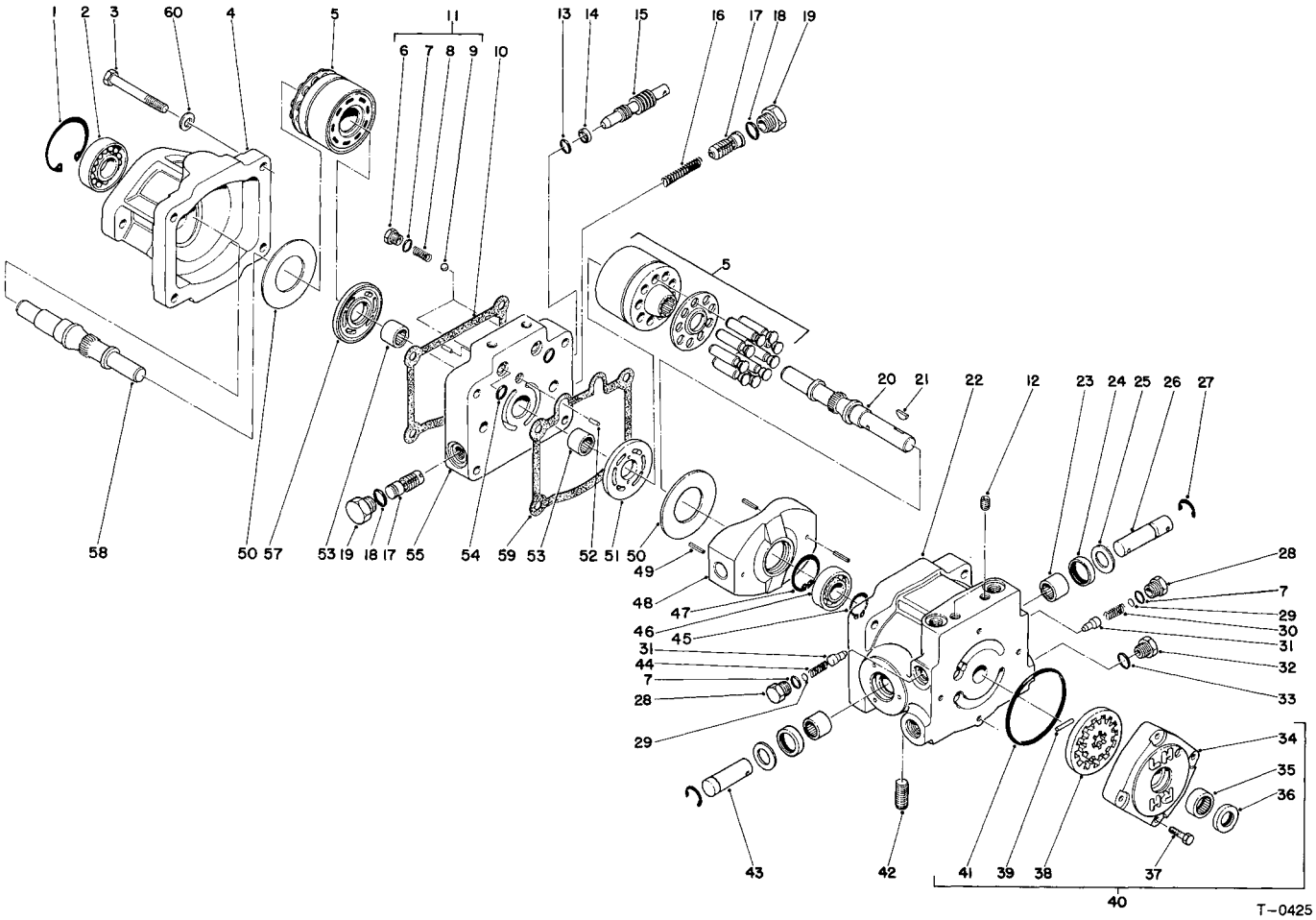


T-0425

TRANSMISSION ASSEMBLY NO. 71-4370

Ref. No.	Part No.	Description	No. Used
1	32120-8	Ring - Retaining	1
2	72-3750	Bearing - Ball	1
3	323-13	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	6
13	237-22	O-Ring	1
14	25-2630	Back-Up Ring	1
15	25-2620	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	75-9560	Pump Shaft	1
21	3257-32	Key - Woodruff	1
22	54-7890	Pump Housing (Incl. Ref. #12 & 23-25)	1
23	252-82	Bearing - Bearing	2
24	25-3210	Lip Seal	2

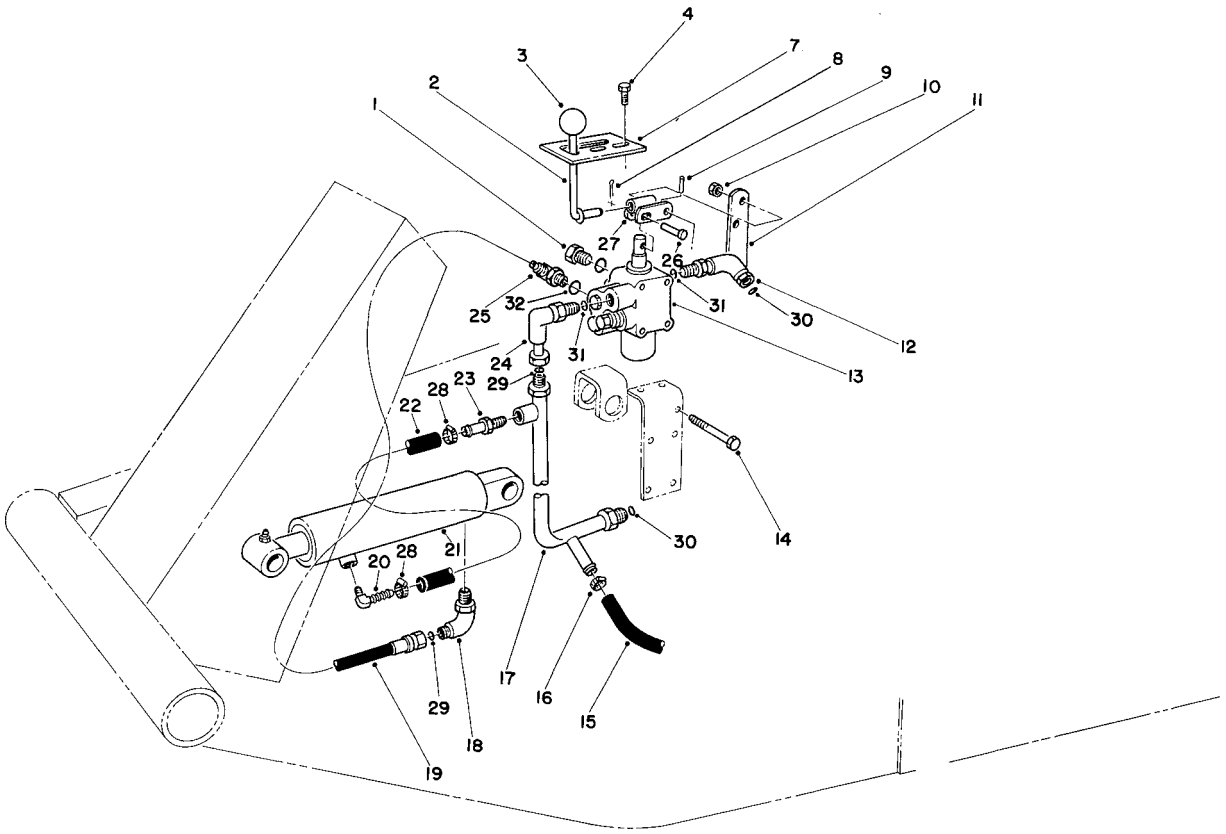
Ref. No.	Part No.	Description	No. Used
25	25-2510	Washer - Flat	2
26	25-2580	Trunion Shaft	1
27	32151-46	Ring - Retaining	2
28	25-2460	Plug - Hex. Hd.	2
29	25-2470	Shim Pack	2
30	25-2570	Valve Spring	1
31	25-2560	Relief Valve Cone	2
32	353-551	Plug - Hex. Hd.	1
33	237-80	O-Ring	1
34	25-2550	Charge Pump 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	Trunion 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. 71-4370 (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

Ref. No.	Part No.	Description	No. Used
55	25-2420	Center Section	1
57	25-2390	Motor Valve Plate	1
58	46-8410	Motor Shaft	1
59	25-2400	Gasket	1
60	74-9510	Washer	1



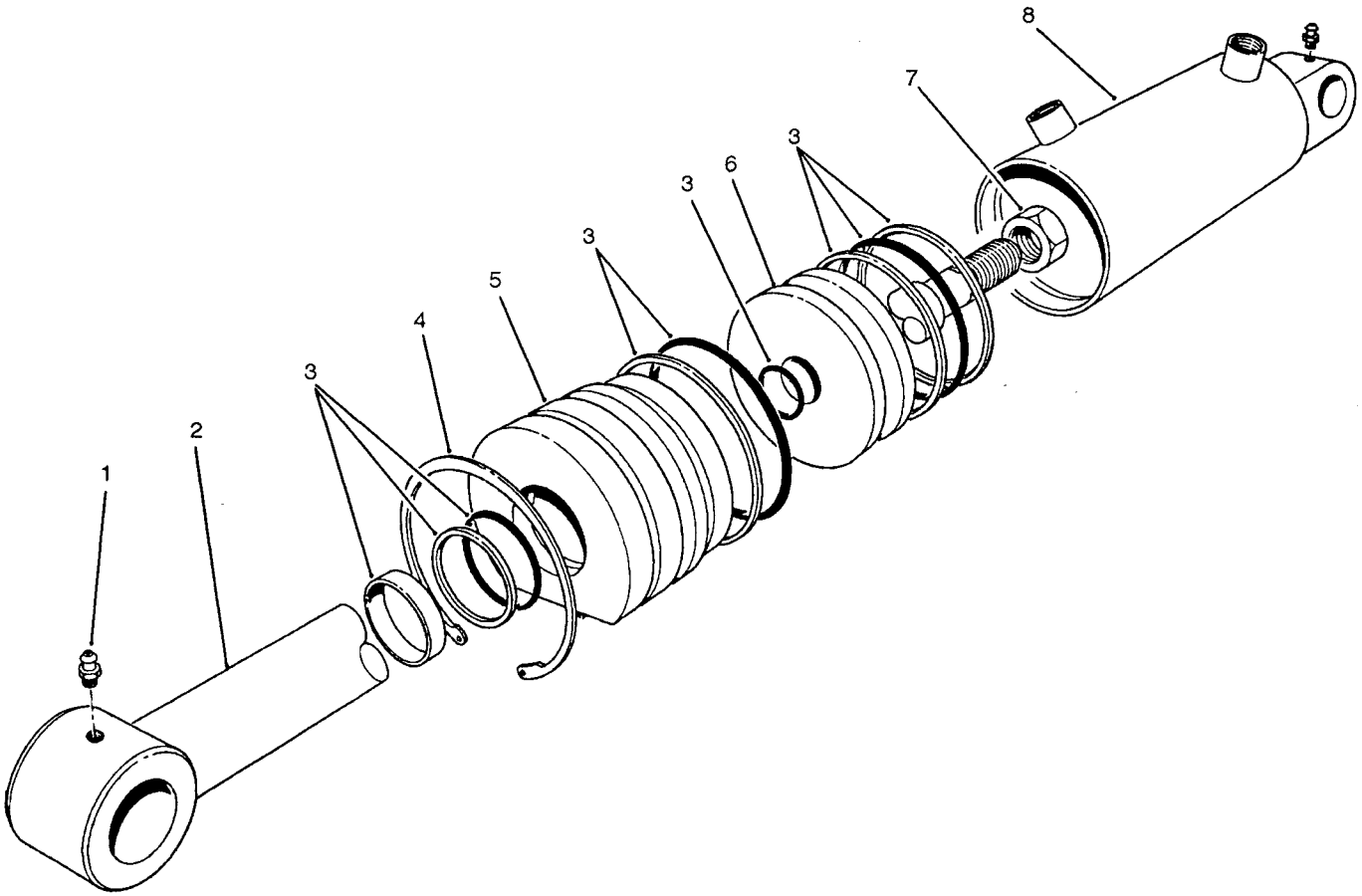
T-0426A

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

Ref. No.	Part No.	Description	No. Used
19	71-3580	Hose - (Valve to Cylinder)	1
20	304-75	Fitting - 90° Barb	1
21	62-4250	Cylinder - Hydraulic	1
*	66-1250	Cylinder - Hydraulic (Optional)	1
22	65-2970	Line - Gas	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

*Not Illustrated

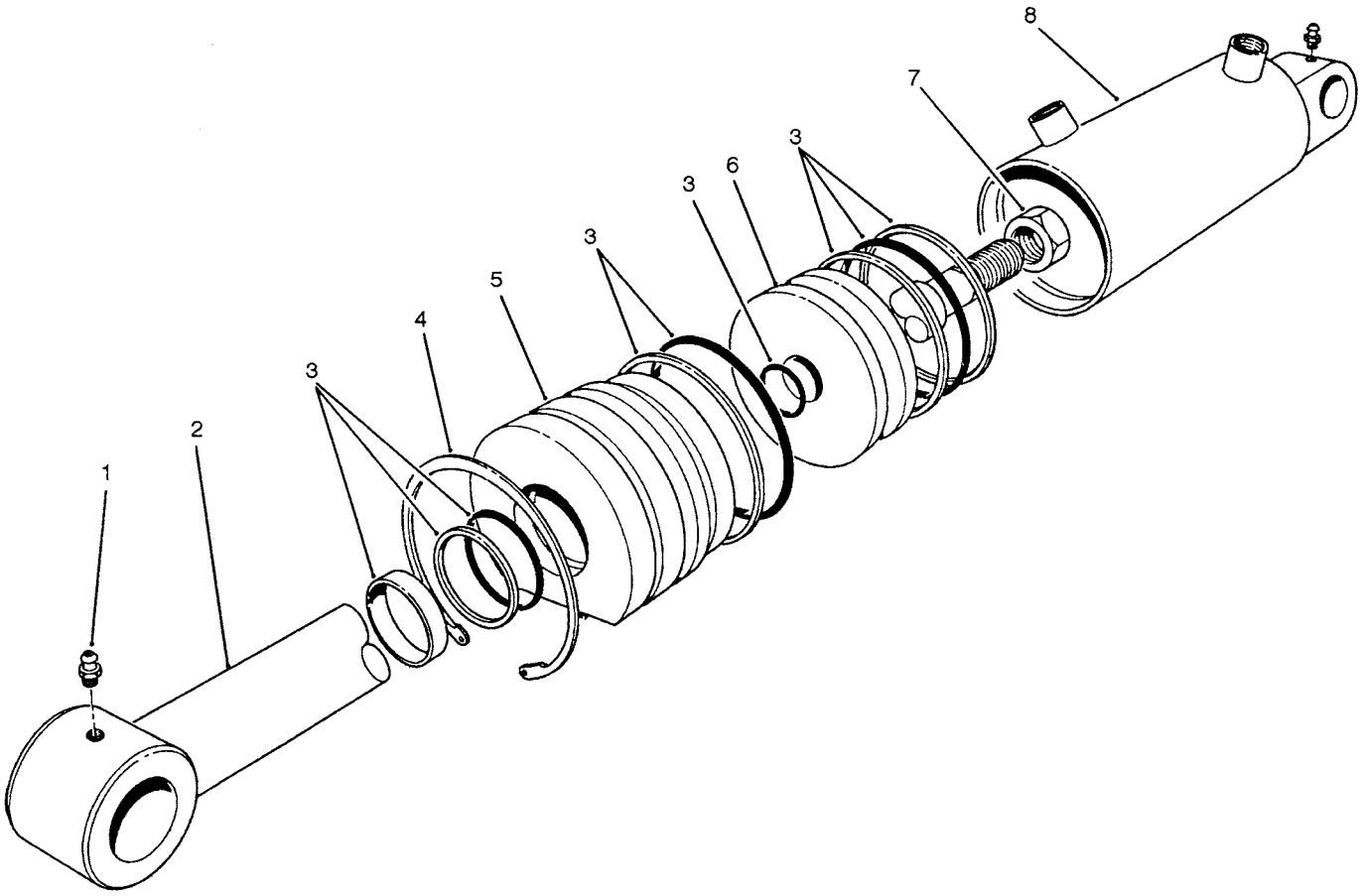


T–0527

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
5	60–9780	Head	1
6	60–9770	Piston	1
7	60–9760	Nut	1
*8		Barrel	1

*Not available separately.

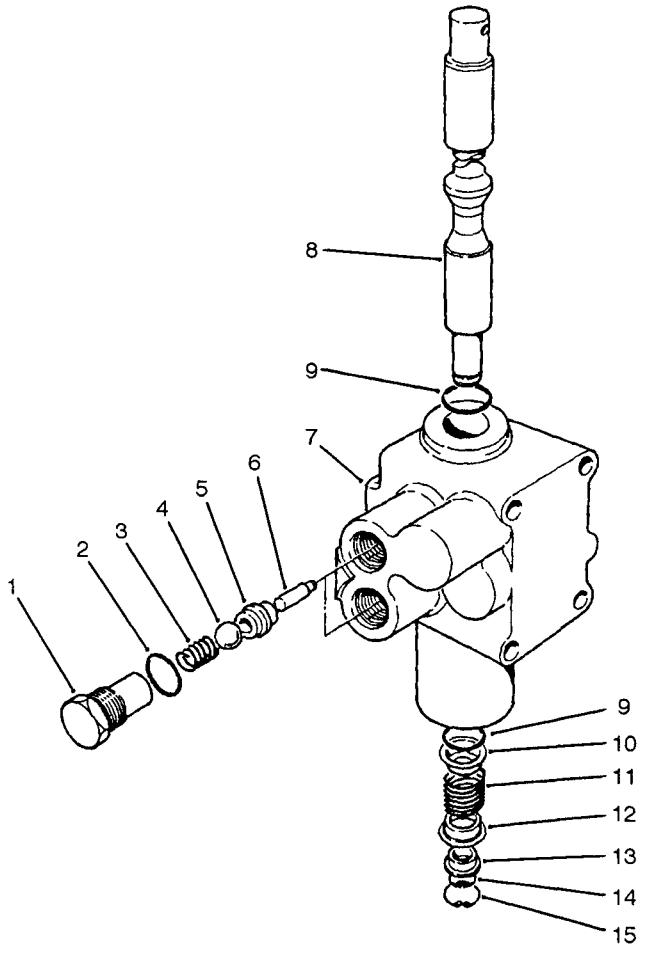


T–0527

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
5	67–5460	Head	1
6	67–5450	Piston	1
7	60–9760	Nut – Hex	1
*8		Barrel	1

*Not available separately.

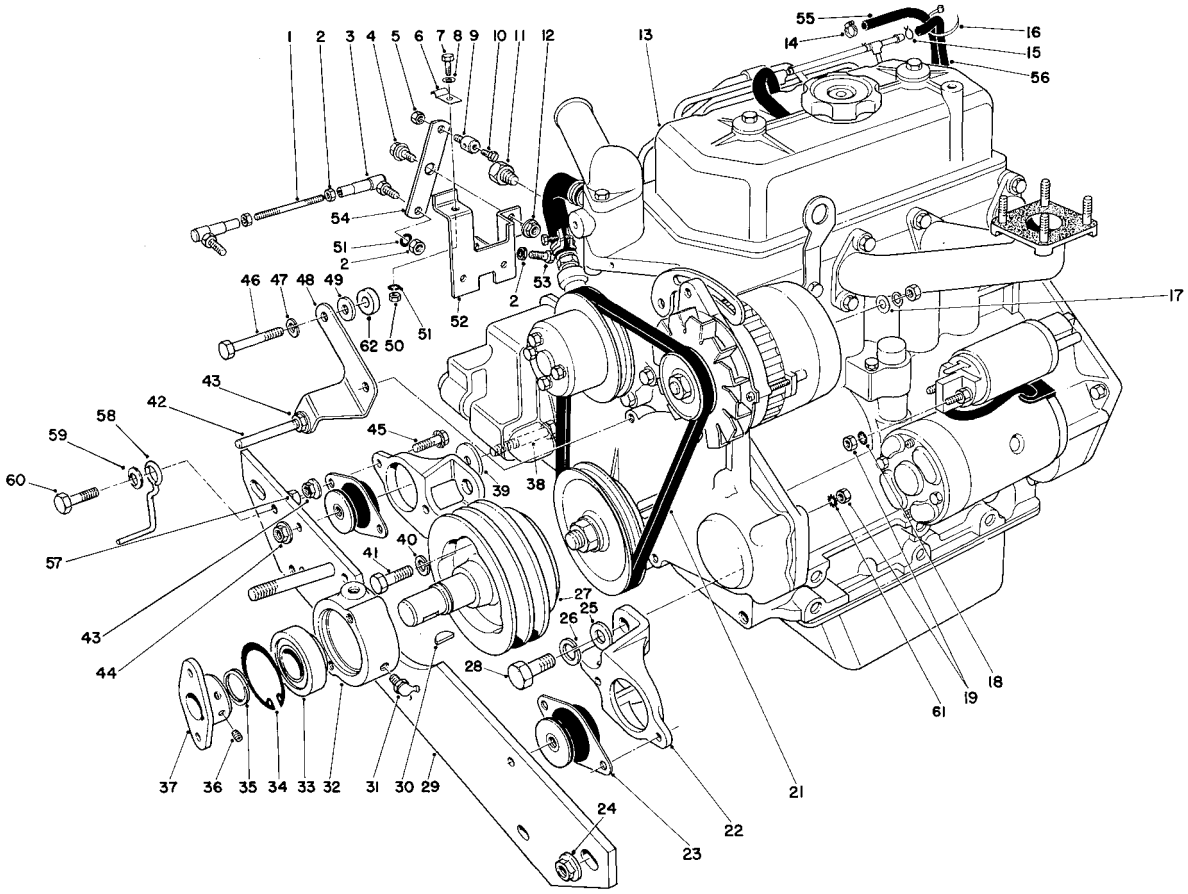


T-0428

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

Ref. No.	Part No.	Description	No. Used
8	22-8420	Spool	1
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

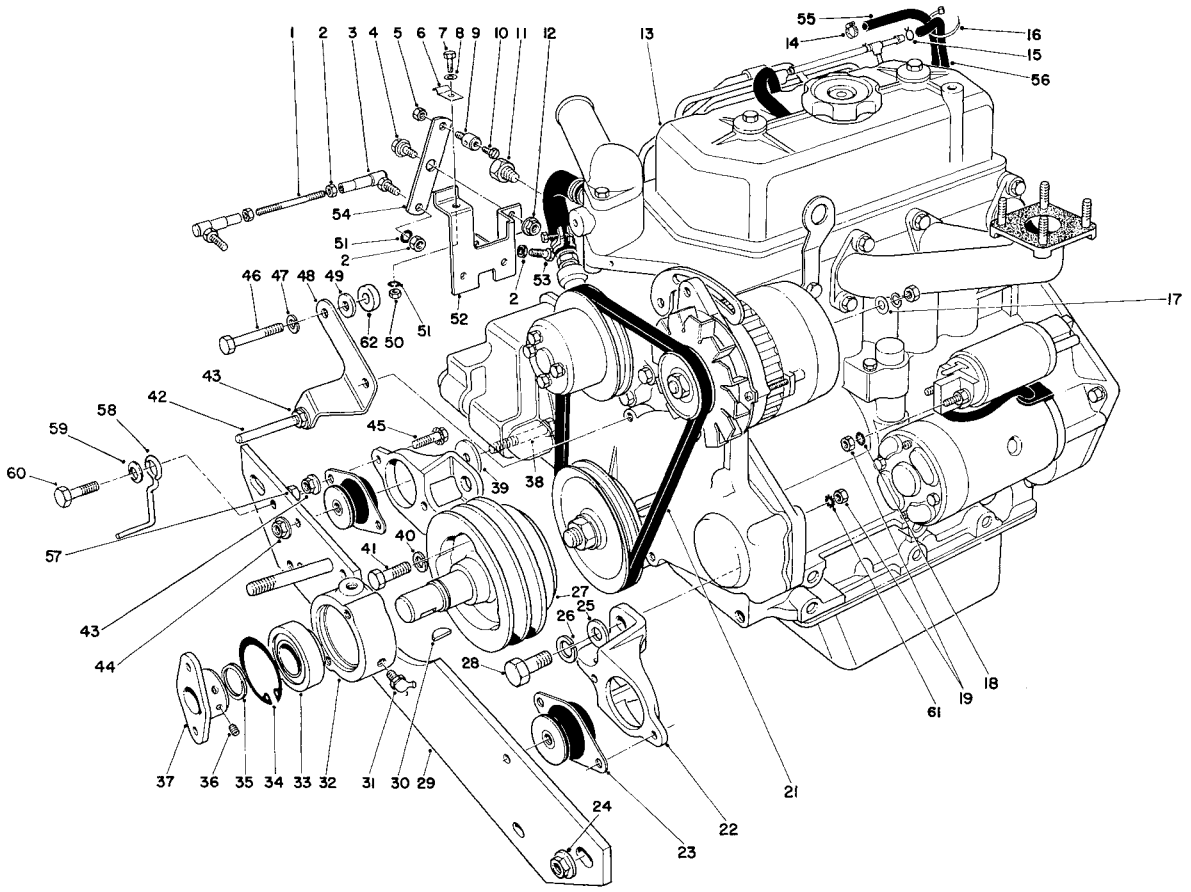


T-0429A

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	3245-1	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

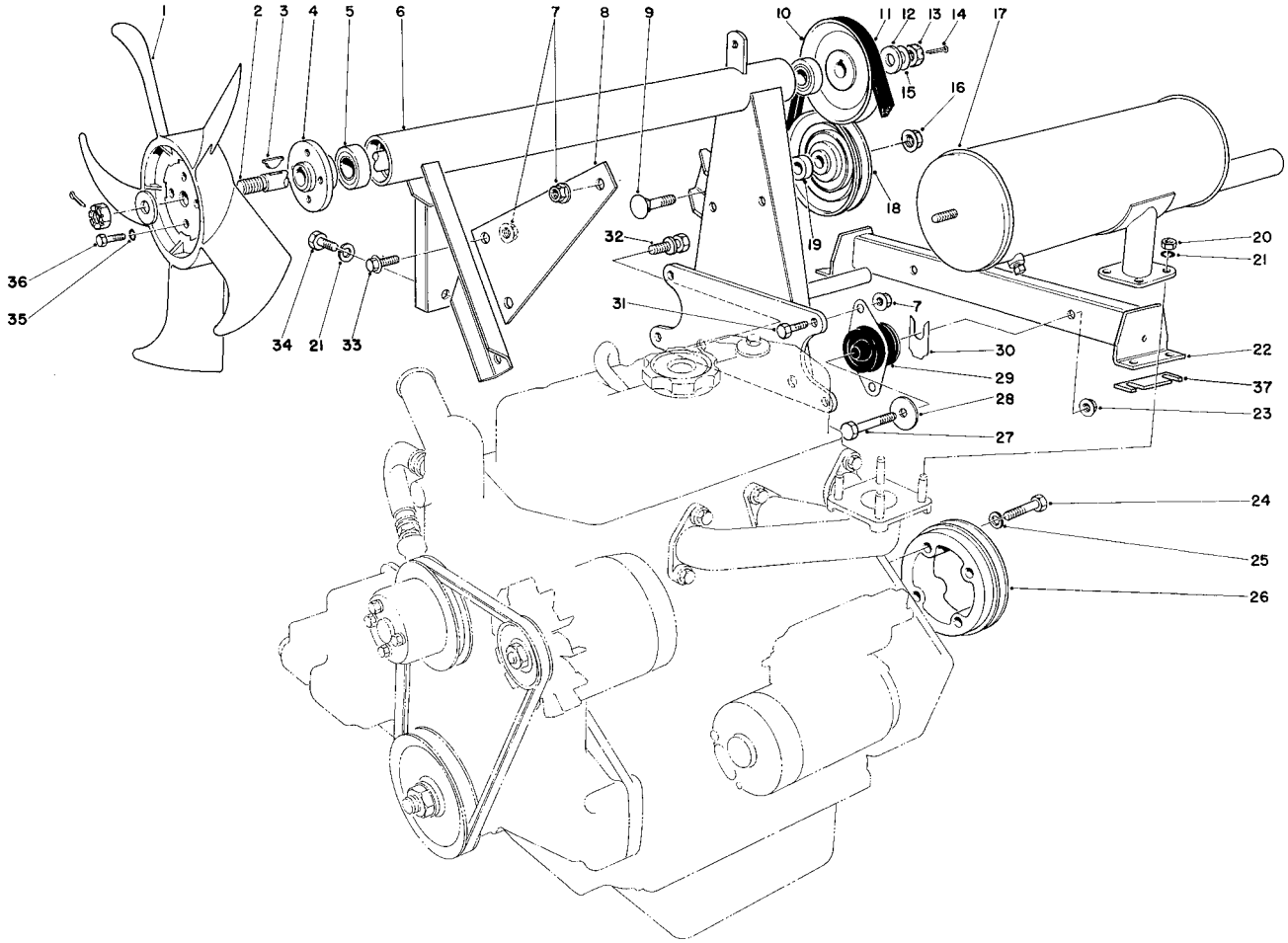


T-0429A

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



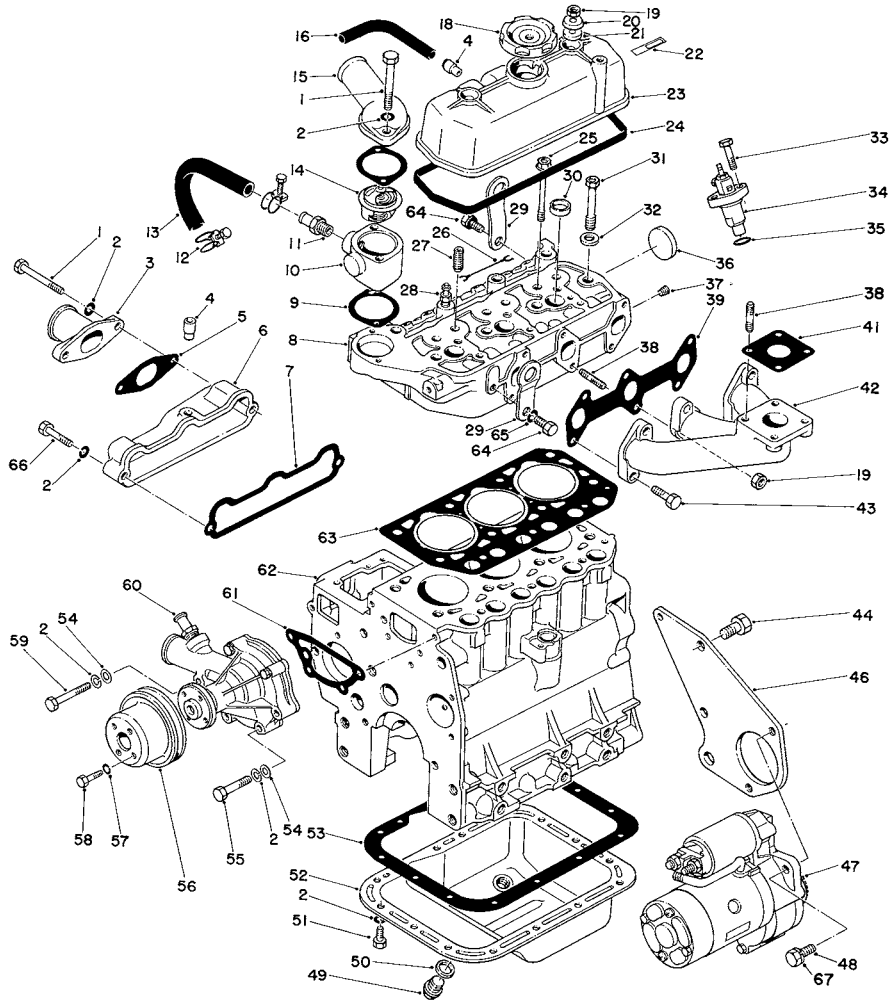
T-0430A

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

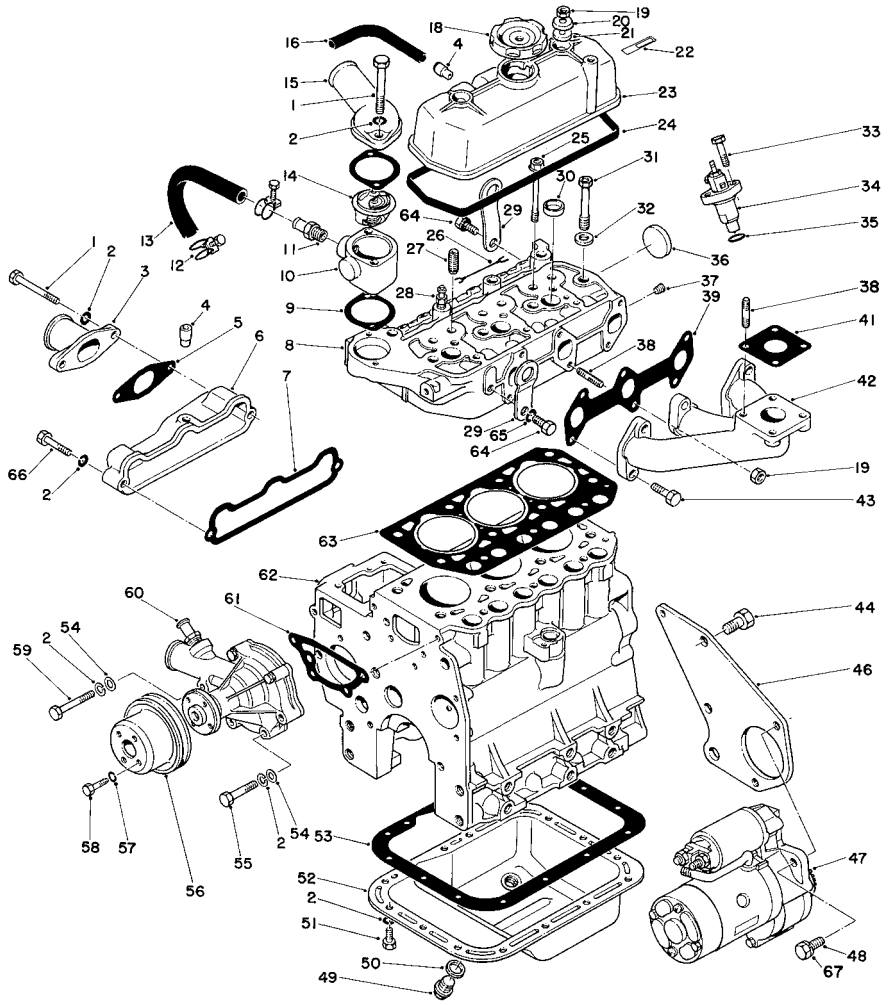


T–0431

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



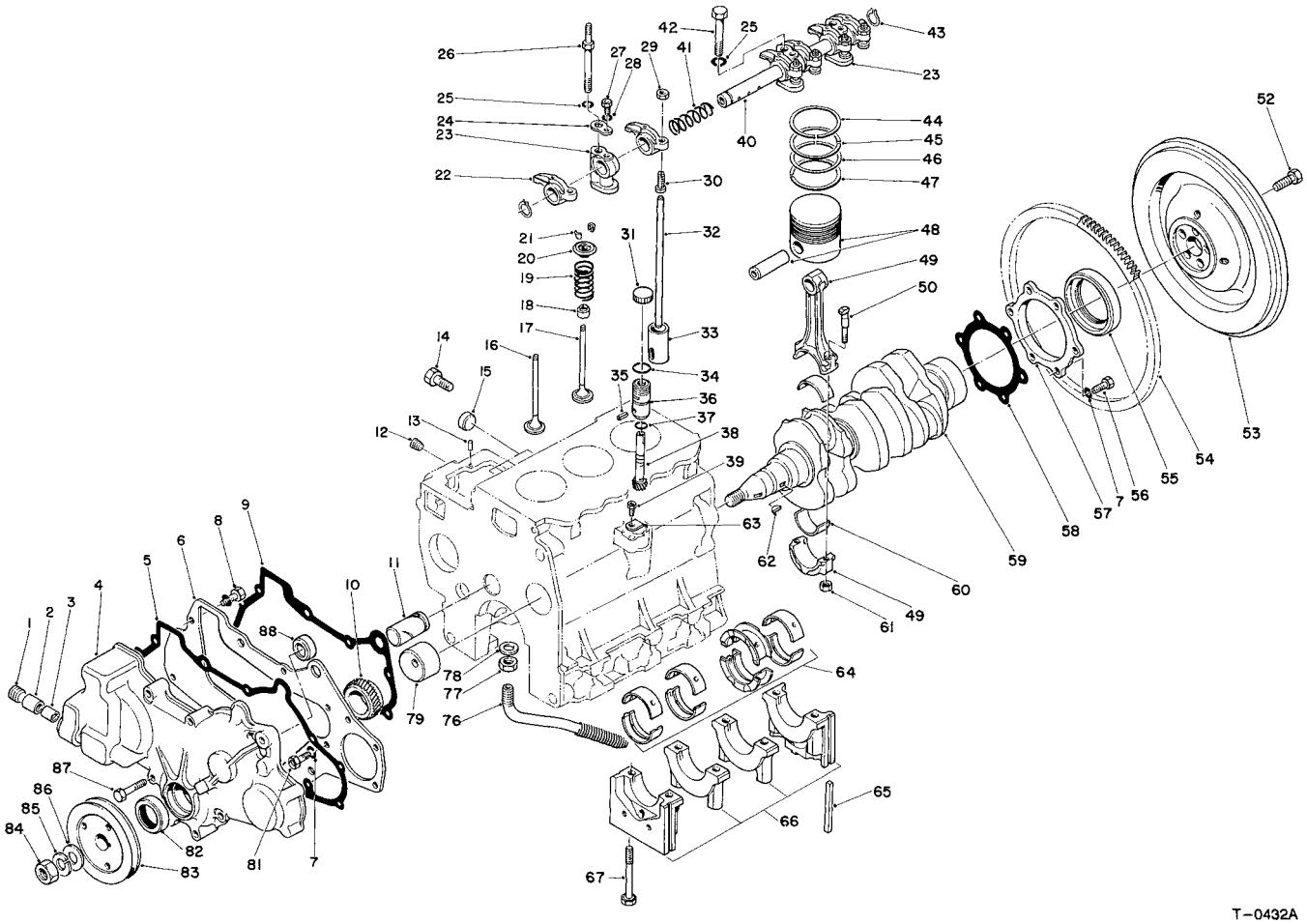
T-0431

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



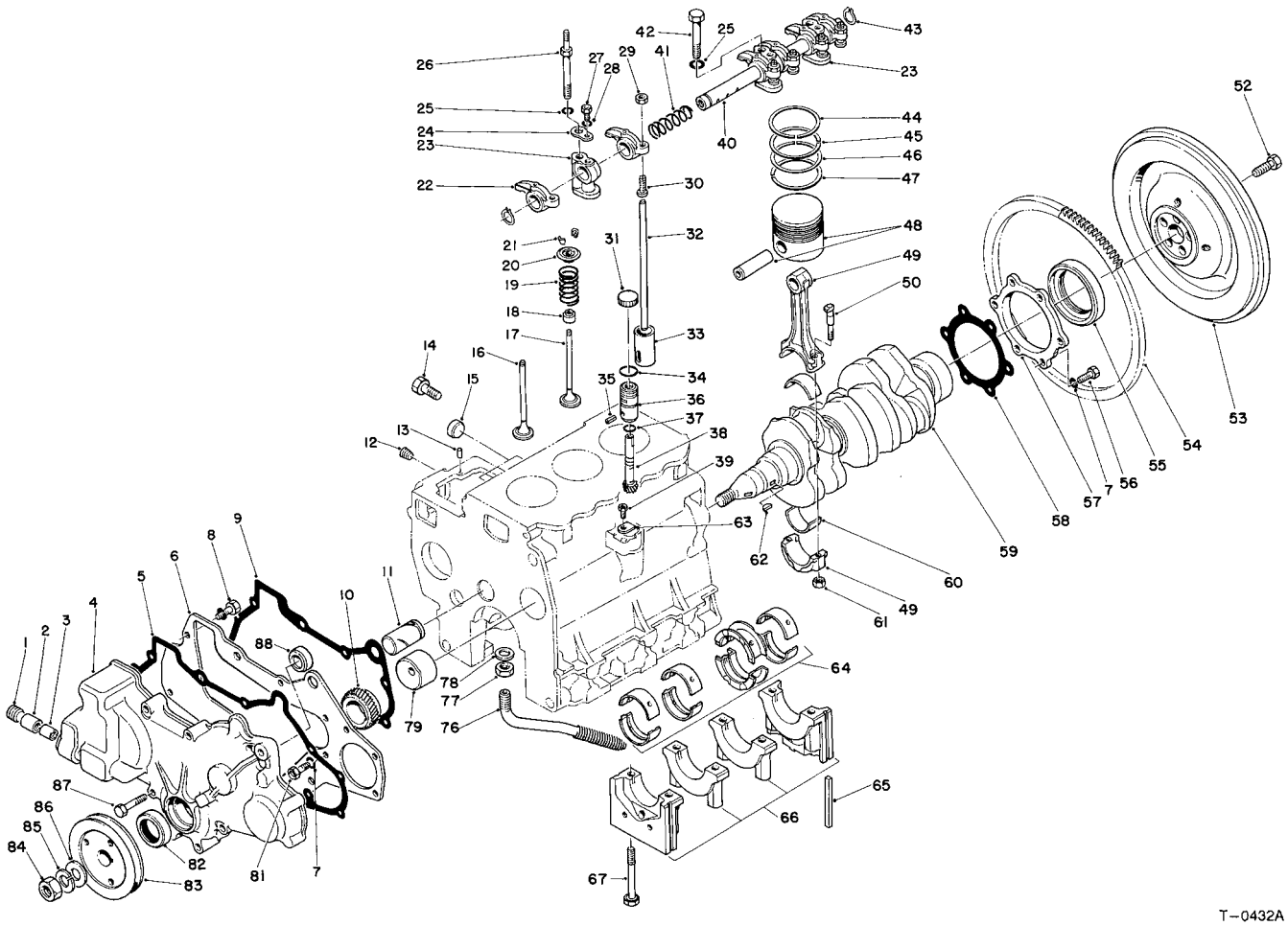
T–0432A

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



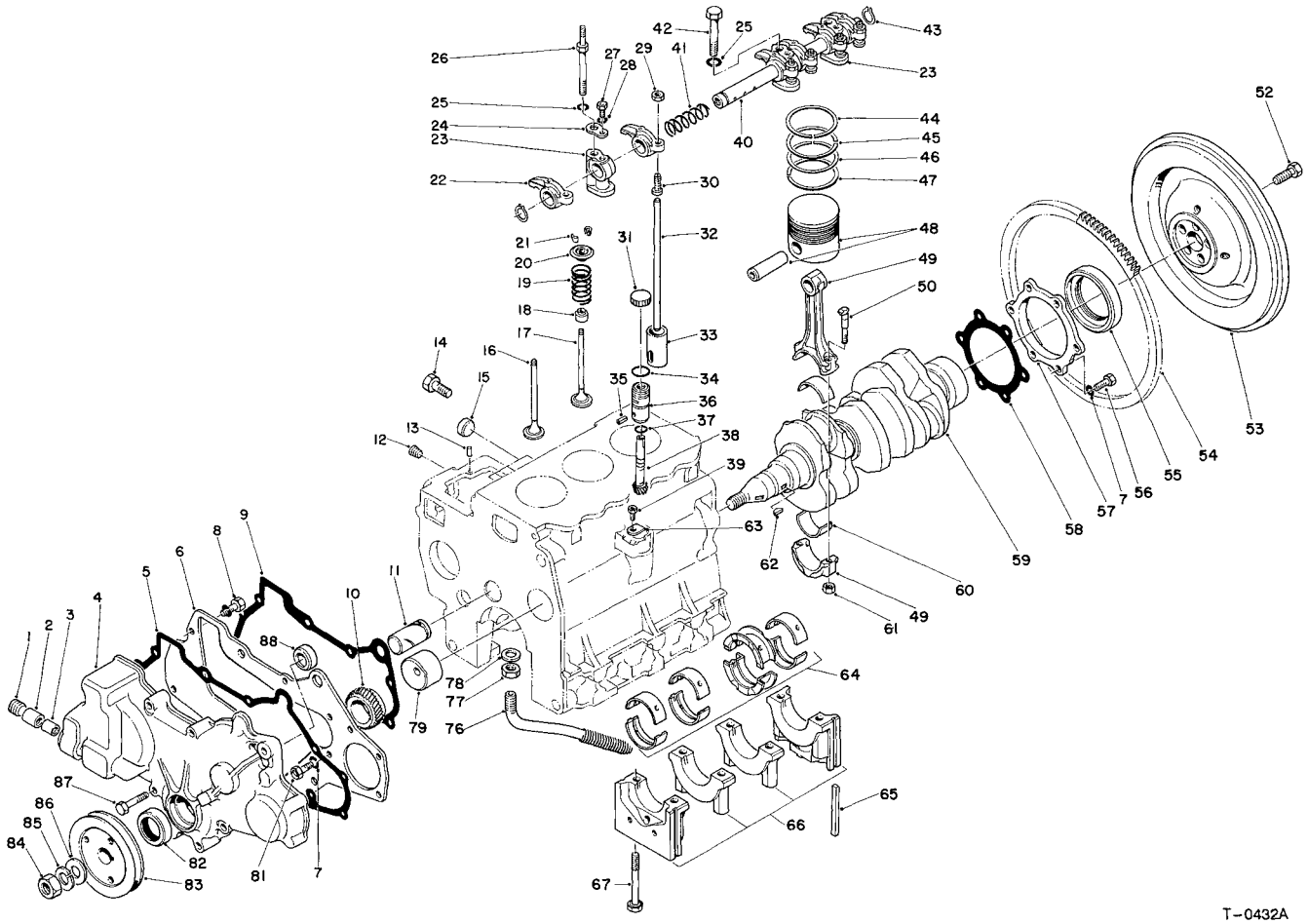
T–0432A

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

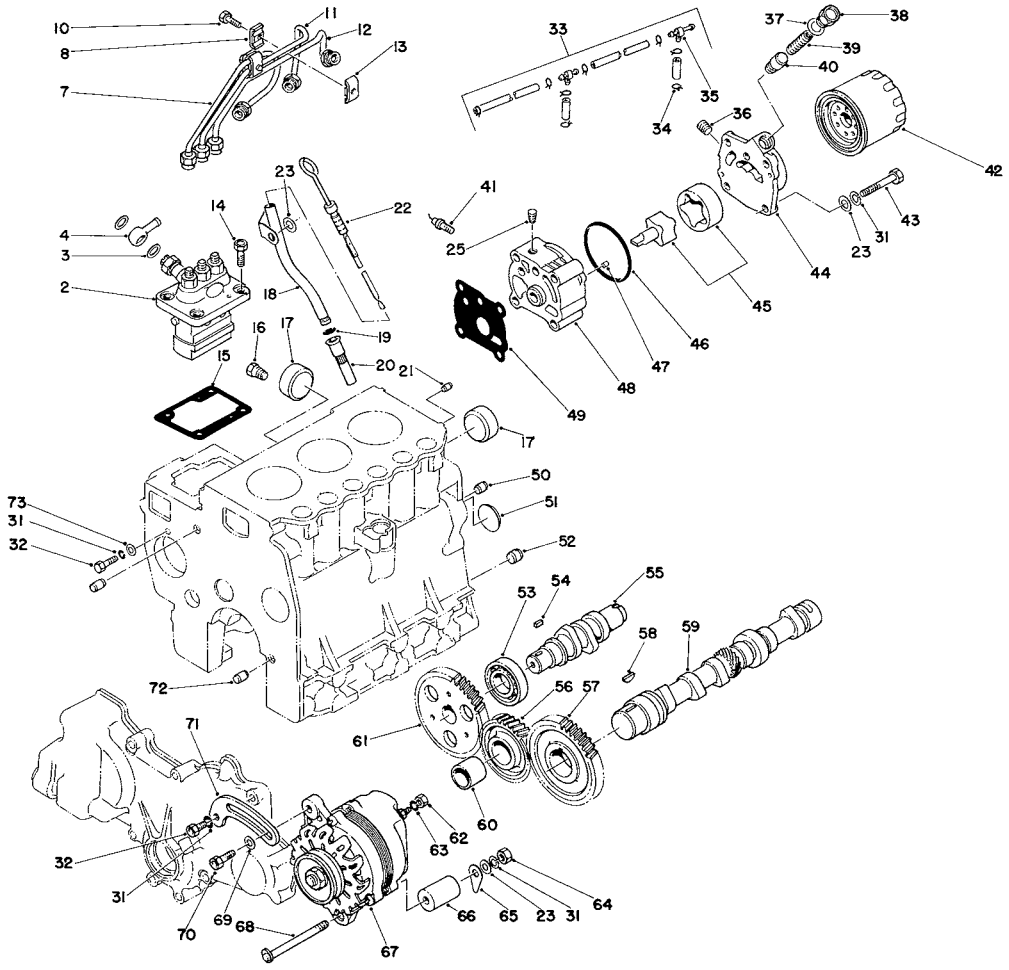


ENGINE ASSEMBLY (Continued)

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



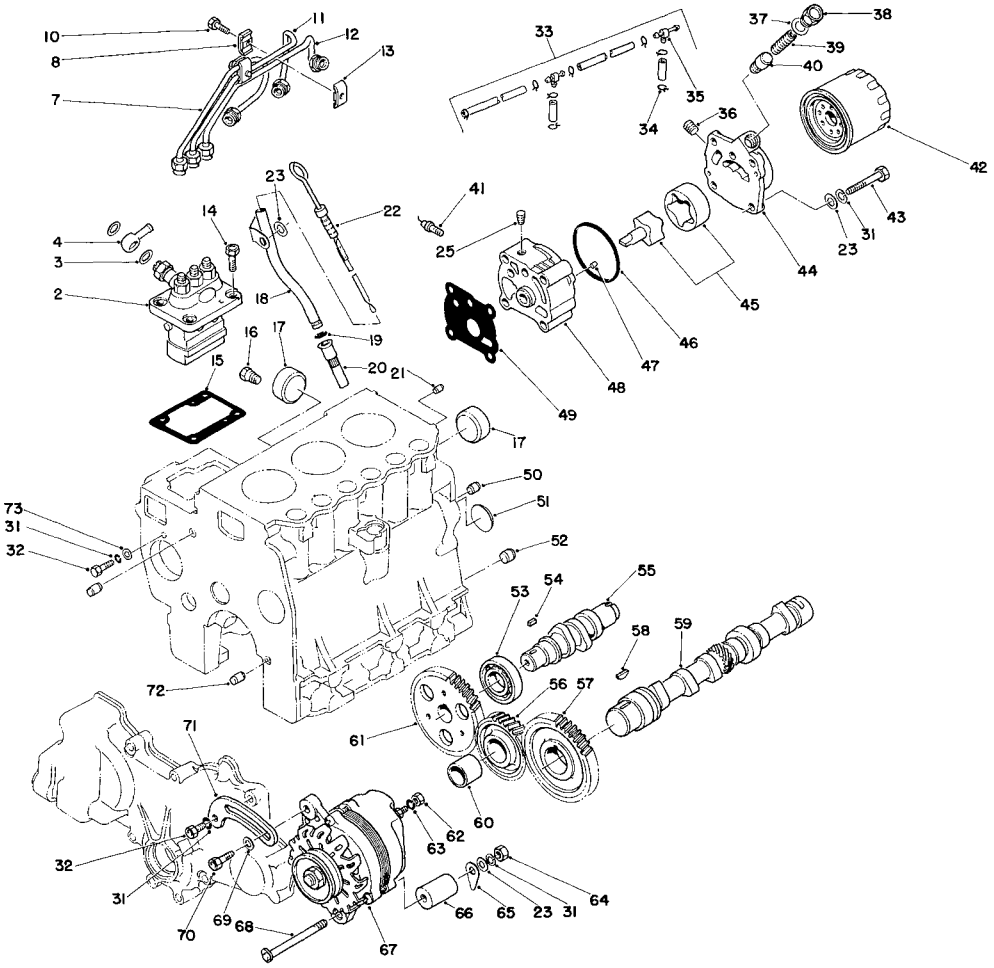
T–0433

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	42–71 60	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



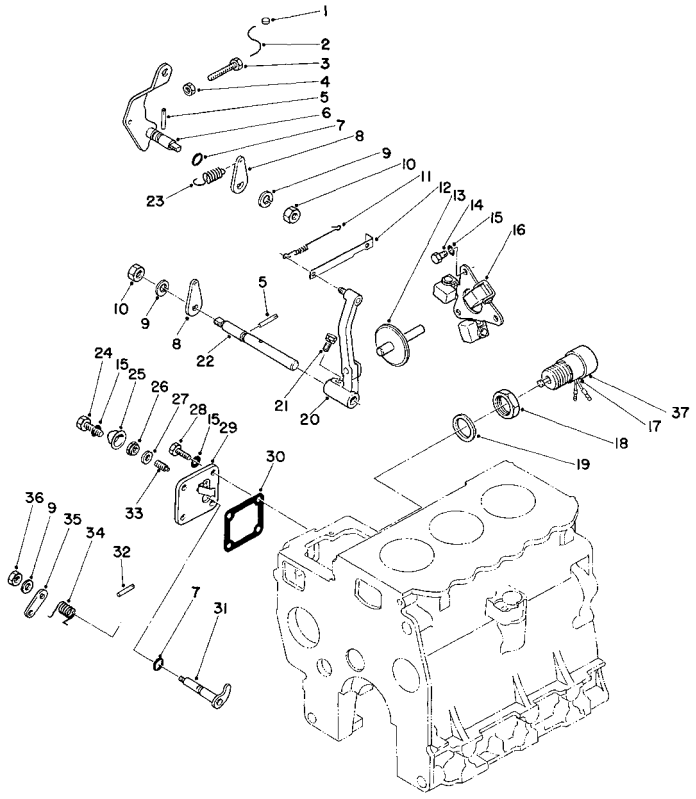
T-0433

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

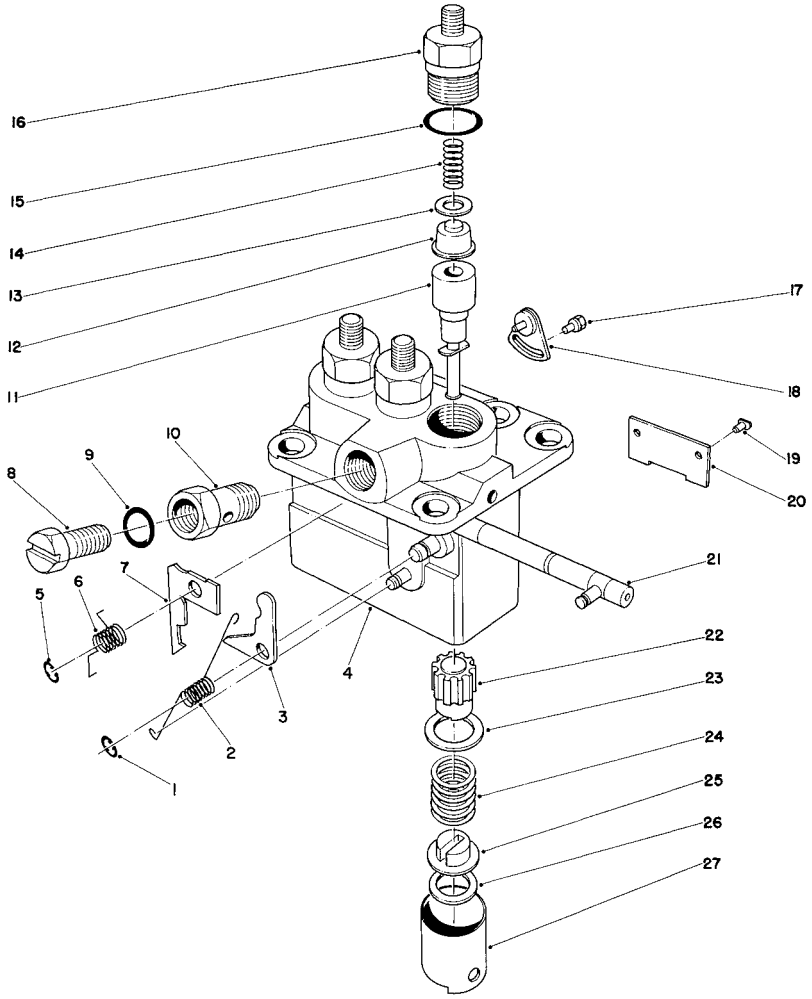


T-0434

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



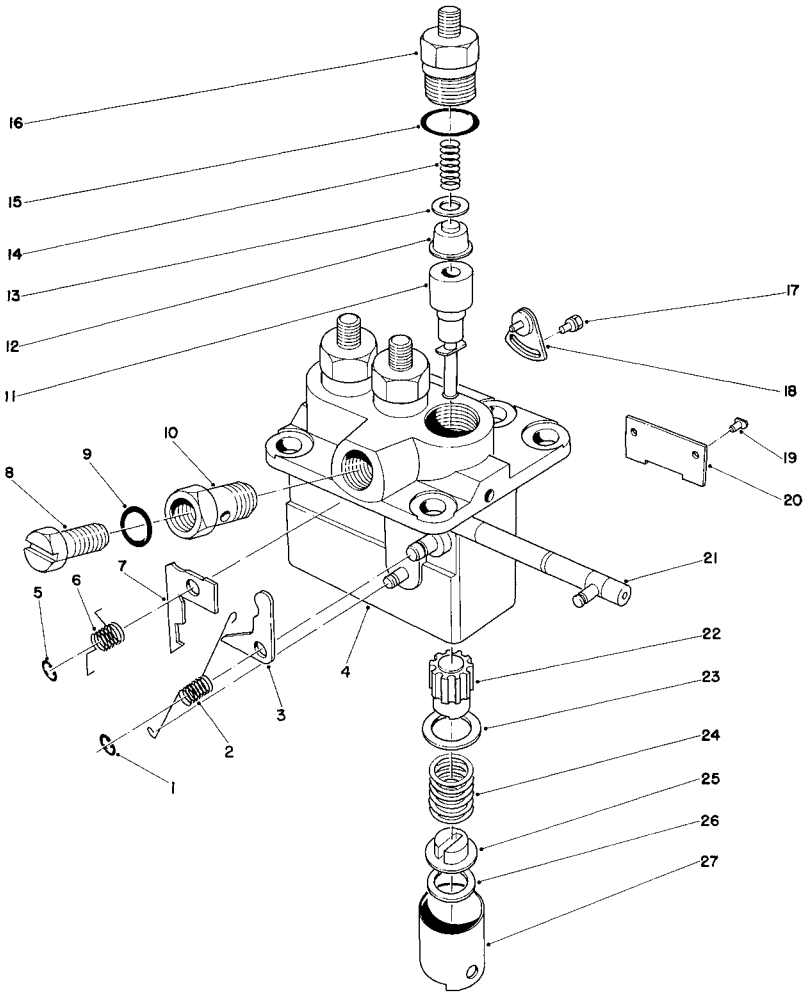
T-0435

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



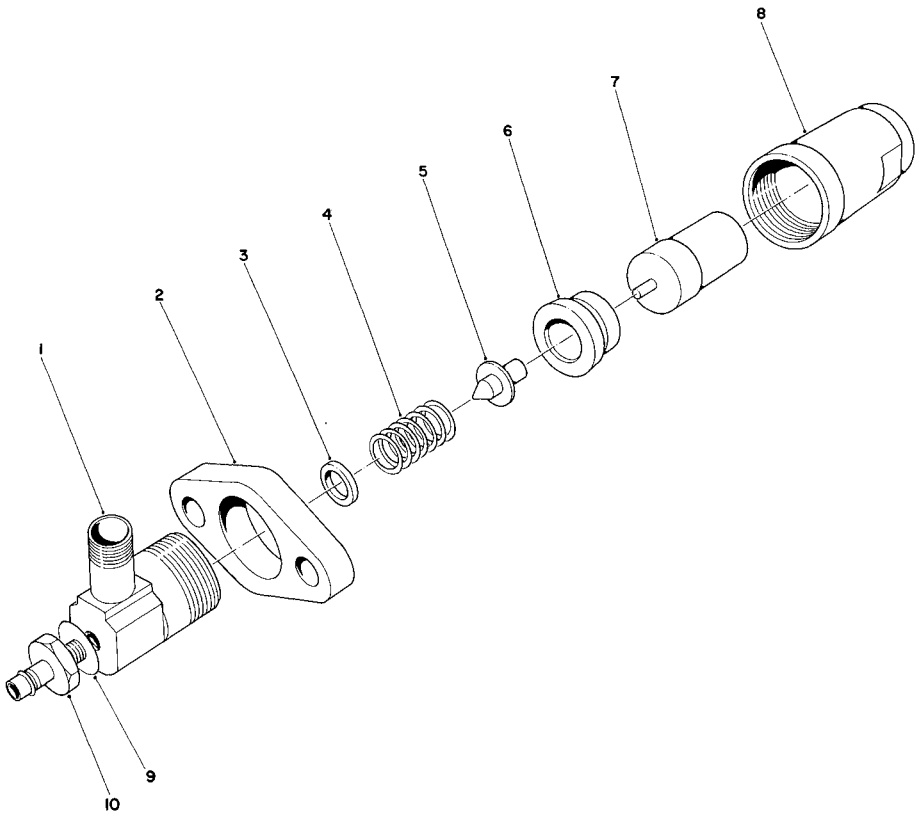
T-0435

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

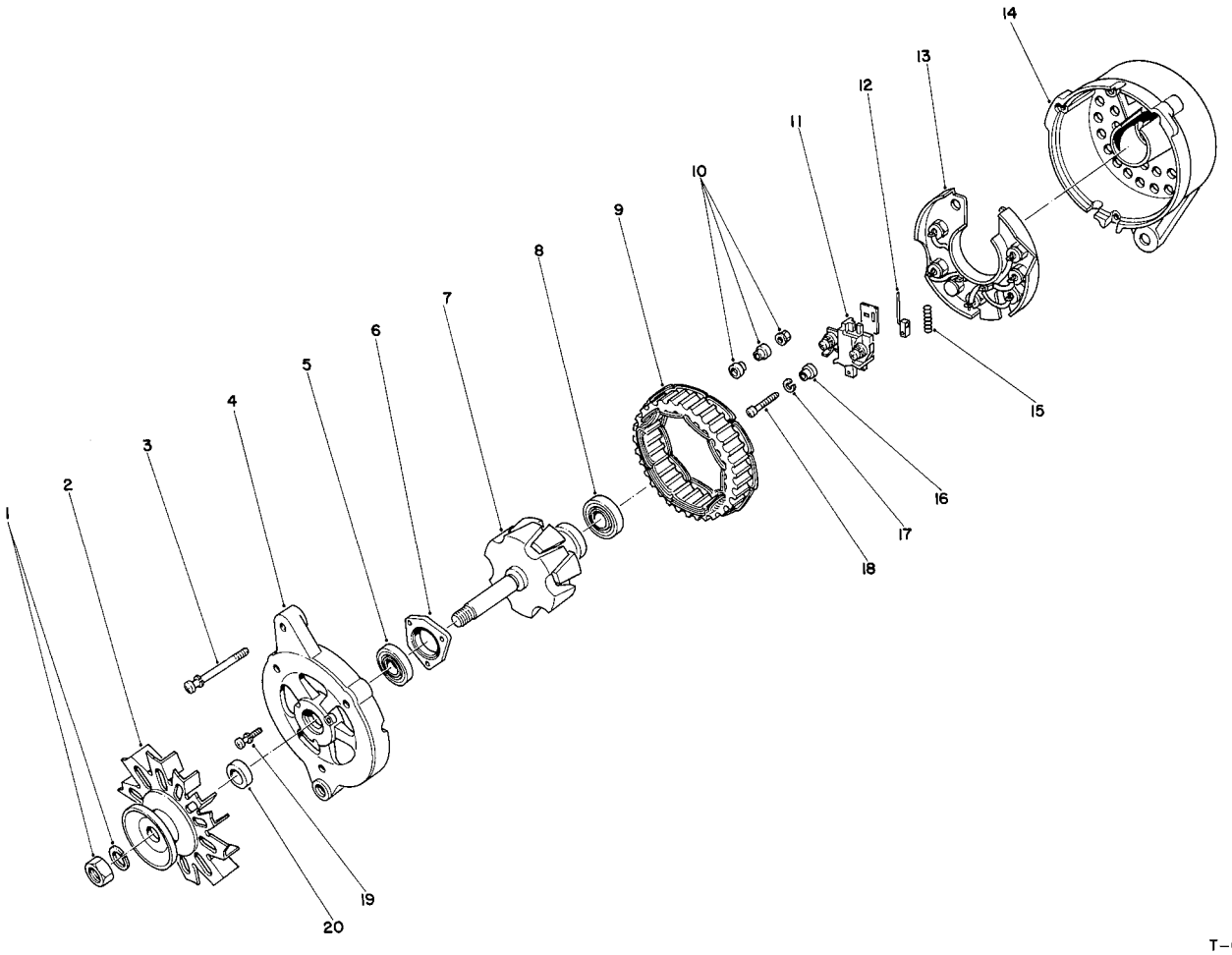


T–0436

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
*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

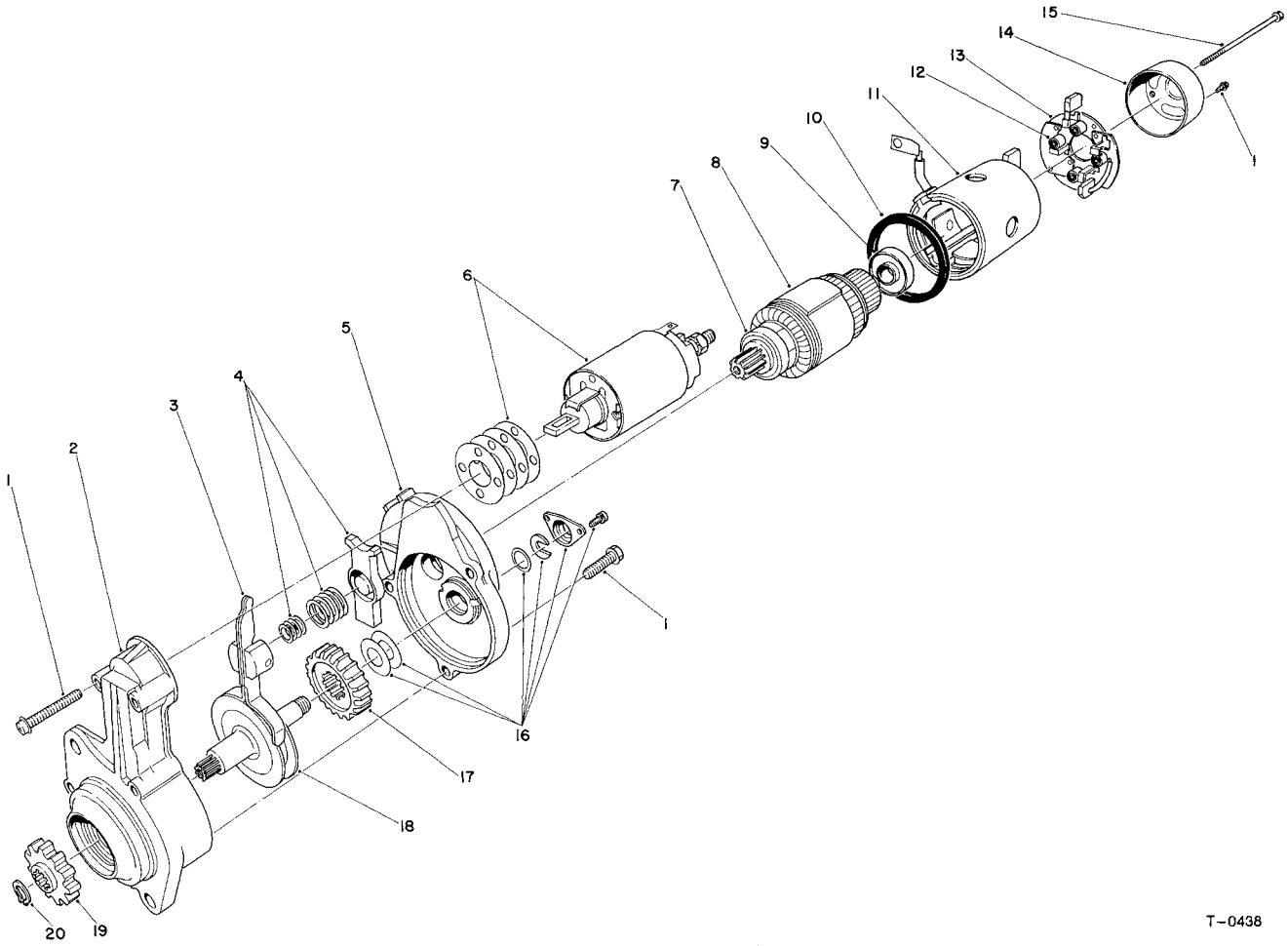


T-0437

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

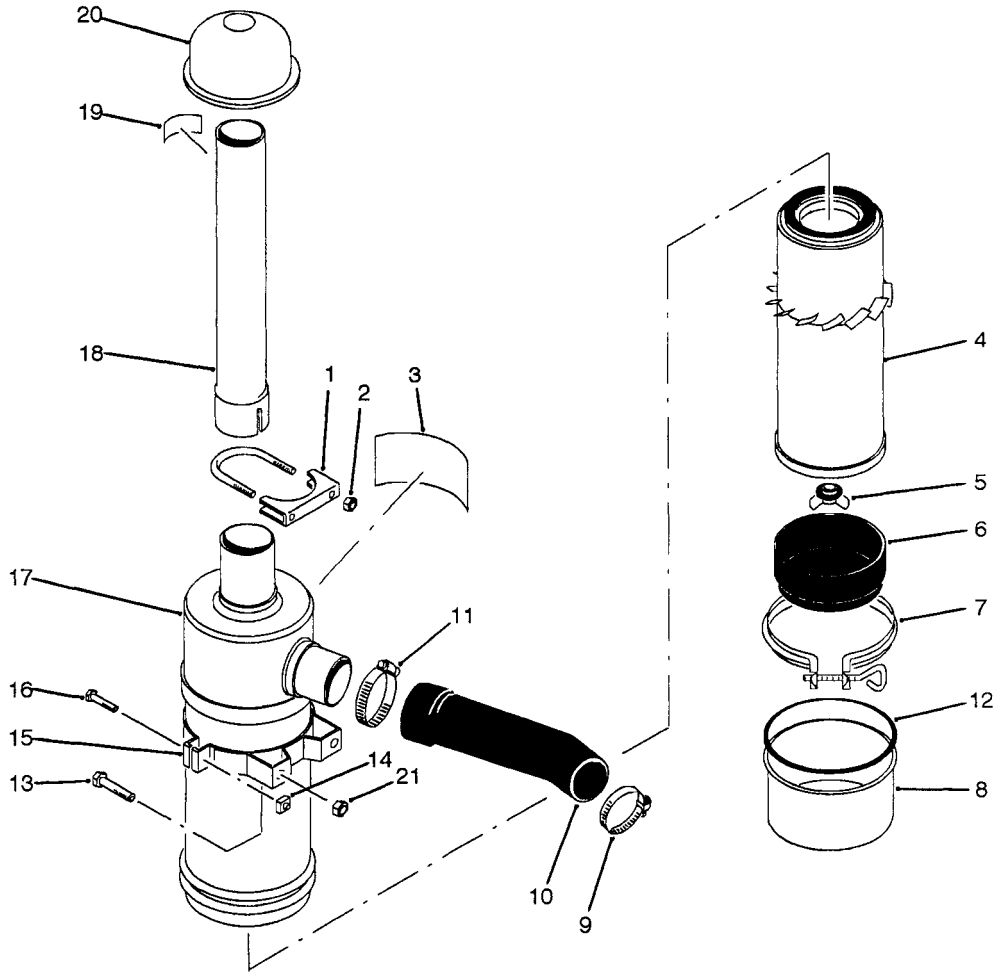
Ref. No.	Part No.	Description	No. Used
11	43-0490	Holder Assembly Brush (Incl. Ref. #12 & 15)	1
12	43-0500	Brush	2
13	43-0520	Rectifier Assembly	1
14	43-0480	Rear Bracket Assembly (Incl. Ref. #10-13 & 5-18)	1
15	43-0510	Spring - Brush	1
16	43-2720	Mold	1
17	43-5920	Washer - Lock	1
18	43-1890	Screw	1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



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
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)	1
20	46-7730	Snap Ring	1
*	46-7740	Gear Set (Incl. Ref. #17 & 18)	1
*	46-7710	Shaft Assembly - Clutch (Inc. Ref. #16-20)	1

*Not Illustrated

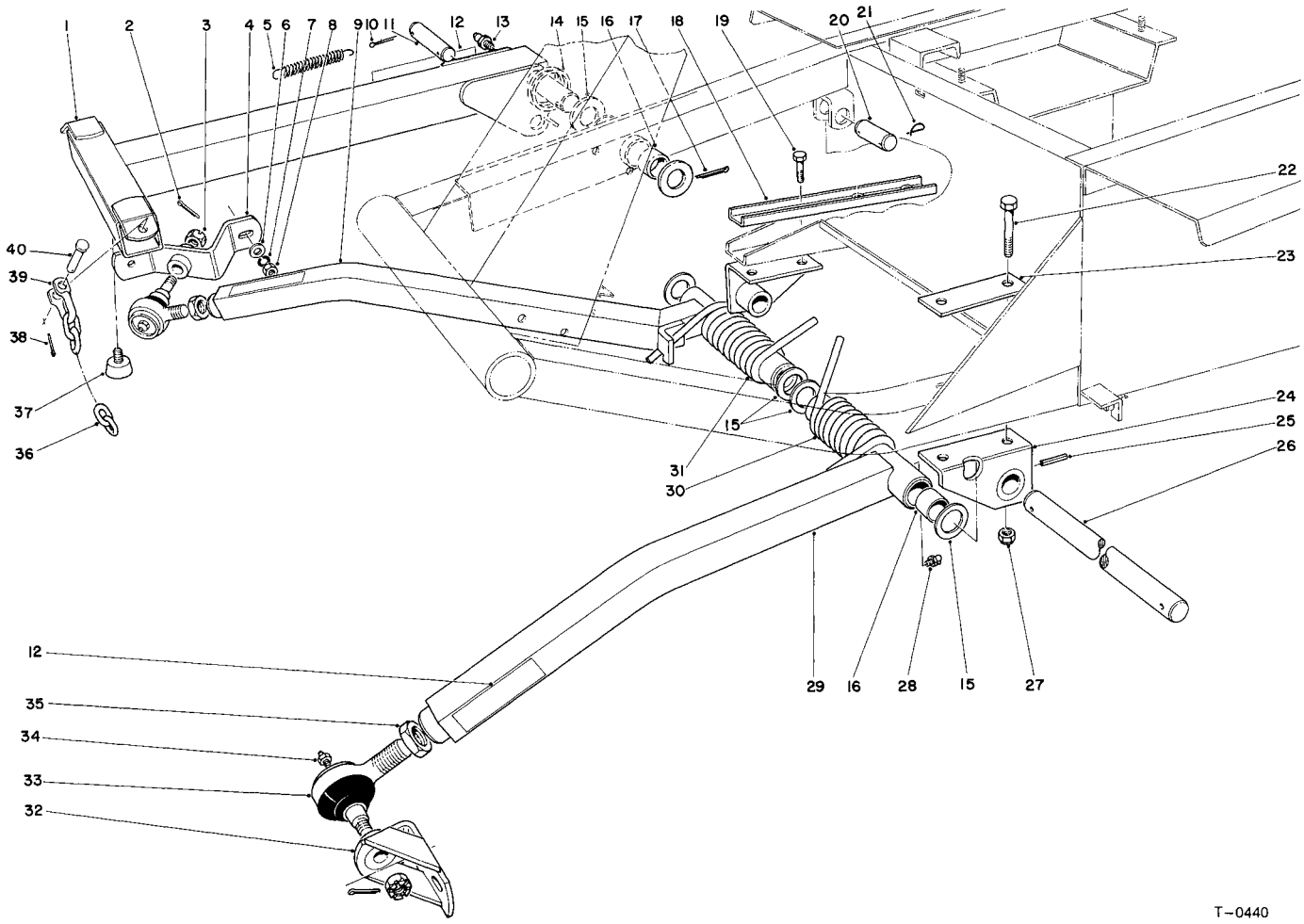


T-0439

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	67-1700	Decal - Starting Fluid	1
20	27-7180	Cap Assembly - Air Inlet	1
21	32128-20	Nut - Flange	4



T–0440

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	61–3610	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

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3-1365	Chain - Lift	52	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	37	15	A/R
3-7243	Spring - Extension	10	13	2
3-7292	Pin	52	20	1
3-8812	Spacer	8	19	1
4-2390	Washer	35	49	2
5-0652	Spacer	8	37	1
5-0652	Spacer	36	62	2
5-0701	Spring Anchor	9	52	1
5-0838	Washer - Flat	5	38	3
5-1226	Washer	19	42	A/R
5-1747	Spring	8	21	1
5-1747	Spring - Compression	26	3	1
5-1754	Washer	52	15	6
5-2942	Shackle	52	39	3
5-3126	Pin - Spring	52	21	3
5-3637	Washer	35	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	28	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	35	3	2
18-2770	Cable - Ground	2	53	1
20-4840	Muffler Clamp	51	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	35	42	2
21-1830	Spring - Tension	8	50	1
21-1830	Spring Tension	52	5	1
21-1880	Grip Handle	8	1	1
21-2370	Wire - Hour Meter Ground	4	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	52	24	2
21-2890	Spring - Torsion R.H.	52	31	1
21-2900	Spring - Torsion L.H.	52	30	1
21-2960	Push Arm L.H.	52	29	1
21-2990	Shaft - Pivot	52	26	1
21-3000	Nut - Jam	52	35	2
21-3020	Ball Joint Mount R.H.	52	4	1
21-3050	Ball Joint Mount L.H.	52	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	52	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
21-8320	Gasket - Wheel Bearing	18	20	2
21-8360	Clip - Retaining	18	12	2
21-8590	Link - Valve Lever	31	27	1
21-8620	Lever Valve	31	2	1
21-8640	Latch - Valve Lever	31	7	1
21-9010	Pivot Mount - Valve Lever	31	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	34	1	2
22-8340	Spring	34	3	2
22-8350	Ball	34	4	2
22-8360	Pin - Cam	34	6	2
22-8370	Seat - Check Valve	34	5	2
22-8380	Spring Retainer	34	10	1
22-8390	Spring Retainer	34	12	1
22-8400	Spacer Float	34	13	1
22-8410	Spring	34	11	1
22-8420	Spool	34	8	1
22-8480	Spring Ring Spool	34	14	1
22-8490	Snap Ring	34	15	1
23-1950	Support - Reinforcement	52	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
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	52	11	1
24-9740	Cover - Access, Battery	1	32	1
24-9830	Support - Axle	17	44	1
25-2380	Thrust Plate	30	50	2
25-2390	Motor Valve Plate	30	57	1
25-2400	Gasket	30	59	1
25-2410	Accel. Valve Assembly	29	17	2
25-2420	Center Section	30	55	1
25-2430	Dowel Pin	30	52	2
25-2440	Pump Valve Plate	30	51	1
25-2450	Variable Swashplate	29	48	1
25-2460	Plug - Hex. Hd.	29	28	2
25-2470	Shim Pack	29	29	2
25-2480	Valve Spring	29	44	1
25-2490	Ball	29	9	2
25-2500	Trunion Shaft	29	43	1
25-2510	Washer - Flat	29	25	2
25-2530	Headless Straight Pin	29	39	1
25-2550	Charge Pump Housing	29	34	1
25-2560	Relief Valve Cone	29	31	2
25-2570	Valve Spring	29	30	1
25-2580	Trunion Shaft	29	26	1
25-2610	Accel. Valve Spring	29	16	1
25-2620	By-Pass Valve	29	15	1
25-2630	Back-Up Ring	29	14	1
25-2640	Valve Spring	29	8	2
25-2650	Check Valve Plug	29	6	2
25-2680	Gerotor Assembly	29	38	1
25-3180	Check Valve Kit	29	11	2
25-3190	Charge Pump	29	40	1
25-3210	Lip Seal	29	24	2
25-8640	Screw - Machine	35	10	1
26-6740	Temperature Reset Relay	3	18	1
26-6750	Engine Temperature Gauge	3	15	1
27-1960	Hub - Engine	35	37	1
27-2360	Key Switch	3	10	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
27-7100	Air Cleaner Assembly	51	17	1
27-7110	Element Assembly	51	4	1
27-7120	Nut & Gasket Assembly	51	5	1
27-7130	Clamp Assembly	51	7	1
27-7140	Skirt - Baffle	51	6	1
27-7150	Cup Assembly	51	8	1
27-7160	Decal - Instructions	51	3	1
27-7170	Band Assy.	51	15	2
27-7180	Cap Assembly - Air Inlet	51	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	27	3	1
29-6120	Plate - Pump	28	56	1
29-6150	Spring - Leaf	28	55	1
29-6163	Switch - Micro	27	4	1
29-6170	Spring - Leaf, Extended	28	54	1
29-8910	Washer	37	12	2
30-2120	Screw - Cap, Hex. Hd.	8	22	2
31-0390	Disc - Friction	12	31	1
33-2570	Radiator Assembly	5	16	1
33-4380	Hub - Pump	27	23	1
37-8770	Bolt - Shoulder	35	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
38-4530	Tool Box	2	42	1
38-4550	Cover - Instruments	1	30	1
38-4600	Bar - Frame L.H.	5	22	1
38-7820	Bearing	37	5	2
39-8020	Trim - Cover, Instruments	1	33	1
41-8760	Gasket - Transmission	28	51	1
42-71 60	Pin - Dowel	43	21	1
42-6080	Shim	37	30	A/R
42-6080	Shim - Axle	15	30	A/R
42-7030	Pin - Dowel	40	13	2
42-7030	Pin - Dowel	43	47	2
42-7040	Seal - Side	41	65	4
42-7050	Guide - Oil Level Gauge	43	18	1
42-7060	Seal - Oil	41	55	1
42-7080	Cap - Sealing	40	15	2
42-7080	Cap - Sealing (25)	38	30	3
42-7090	Cap - Sealing	43	17	2
42-7090	Cap - Sealing (45)	38	36	1
42-7100	Bushing - Camshaft	41	79	1
42-7110	Shaft - Idler	40	11	1
42-7120	Case - Oil Seal	41	57	1
42-7130	Gasket - Oil Seal	41	58	1
42-7150	Gasket - Front Plate	40	9	1
42-7170	Plug - Expansion	43	51	1
42-7180	Bushing - Knock	43	50	2
42-7190	Bushing - Knock	44	72	2
42-7200	Bushing - Knock	44	52	1
42-7210	Plug - Taper	40	12	3
42-7210	Plug - Taper	43	36	1
42-7230	Bearing Set	41	64	1
42-7240	Bearing Set - Crankshaft	41	*	1
42-7250	Bearing Set - Crankshaft	41	*	1
42-7260	Bearing Set - Crankshaft	41	*	1
42-7270	Gauge Assy. - Oil Level	43	22	1
42-7280	Oil Pan Assembly	39	52	1
42-7290	Gasket - Oil Drain Plug (18)	38	50	1
42-7300	Gasket - Oil Pan	39	53	1
42-7310	Bearing - Needle	40	3	1
42-7320	Bearing - Needle	40	2	1
42-7330	Case - Gear	40	4	1
42-7340	Gasket - Gear Case	40	5	1
42-7390	Seal - Oil	41	82	1
42-7400	Plug - Taper	40	1	1
42-7410	Plug - Taper	43	25	1
42-7410	Plug - Taper 1/8	38	37	1
42-7420	Cap - Oil Filter	38	18	1
42-7430	Pipe - Air Breather	38	16	1
42-7440	Hanger - Engine	38	29	2
42-7460	Guide - Valve	38	27	6
42-7470	Gasket - Cylinder Head	39	63	1
42-7480	Glow Plug	38	28	3
42-7490	Seal - Oil	38	21	2
42-7500	Cover Assembly - Rocker	38	23	1
42-7510	Pipe	38	4	2
42-7520	Gasket - Rocker Cover	38	24	1
42-7530	Label - Engine No.	38	22	1
42-7540	Fitting - Water Outlet	38	15	1
42-7550	Gasket	38	9	2
42-7650	Connecting Rod Assembly	41	49	3
42-7660	Bearing Set	41	60	3
42-7670	Bearing Set	41	*	3
42-7680	Bearing Set	41	*	3
42-7690	Bearing Set	41	*60	3
42-7700	Gear - Crankshaft	40	10	1
42-7710	Crankshaft	41	59	1
42-7720	Pulley - Crankshaft	41	83	1
42-7730	Key - Woodruff	44	58	1
42-7730	Key - Woodruff	41	62	2
42-7740	Nipple - Hose	38	11	1
42-7780	Gear - Camshaft	44	57	1
42-7790	Idler Gear Assembly	44	56	1
42-7810	Shaft - Injection Pump Cam	44	55	1
42-7820	Bearing - Ball	44	53	1
42-7830	Gear - Injection Pump Cam	44	61	1
42-7840	Key - Sunk	44	54	1
42-7850	Retainer - Valve Spring	40	20	6
42-7860	Lock - Spring Retainer	40	21	12
42-7870	Seal - Valve Stem	40	18	6
42-7880	Spring - Valve	40	19	6
42-7890	Tappet	40	33	6
42-7900	Valve - Intake	40	16	3
42-7910	Valve - Exhaust	40	17	3
42-7920	Rod - Push	40	32	6
42-7930	Spring - Rocker Shaft L.H.	40	41	1
42-7940	Arm - Rocker	40	22	6
42-7950	Washer - Seat	40	24	2
42-7960	Shaft Assembly - Rocker	40	40	1
42-7970	Stay - Rocker	40	23	3
42-7980	Screw - Adjusting	40	30	6
42-7990	Ring - Snap	40	43	2
42-8000	Pump Assy. - Fuel Injection	43	2	1
42-8010	Shim - 0.2 (.008 in.)	43	15	A/R
42-8020	Shim - 0.3 (.012 in.)	43	*	A/R
42-8030	Shim - 0.4 (.016 in.)	43	*	A/R
42-8040	Shim - 0.5 (.020 in.)	43	*	A/R
42-8050	Shim - 0.6 (.024 in.)	43	*	A/R
42-8060	Shim - 0.7 (.028 in.)	43	*	A/R
42-8070	Shim - 0.8 (.032 in.)	43	*	A/R
42-8080	Shim - 0.9 (.036 in.)	43	*	A/R
42-8090	Shim - 1.0 (.039 in.)	43	*	A/R
42-8100	Collar - Union	43	4	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
42-8120	Gasket – Nozzle Holder	38	35	3
42-8130	Pipe Assy. – Fuel Injection	43	7	1
42-8140	Pipe Assy. – Fuel Injection	43	11	1
42-8150	Pipe Assy. – Fuel Injection	43	12	1
42-8160	Clamp	43	8	2
42-8170	Clamp	43	13	2
42-8180	Fuel Return Pipe Assembly	43	33	1
42-8190	Joint	43	35	2
42-8220	Holder – Delivery Valve	47	16	3
42-8230	Spring – Delivery Valve	47	14	3
42-8240	Gasket – Delivery Valve	47	13	3
42-8250	Delivery Valve Sub Assy.	47	12	3
42-8260	Element Sub Assembly	47	11	3
42-8270	Sleeve – Plunger Control	47	22	3
42-8280	Seat – Spring, Upper	47	23	3
42-8290	Spring – Pump Plunger	47	24	3
42-8300	Tappet Sub Assembly	47	27	3
42-8310	Rack Assembly – Control	47	21	1
42-8320	Seat – Spring, Lower	47	25	3
42-8330	O-Ring	47	15	3
42-8340	Pin – Tappet Guide	47	19	3
42-8350	Plate	47	20	1
42-8360	Plate Assembly – Adjusting	47	18	2
42-8370	Screw – Air Breather	47	8	1
42-8380	Screw – Hollow	47	10	1
42-8390	Shim – Plate	47	26	A/R
42-8400	Shim – Plate	47	*	A/R
42-8410	Shim – Plate	47	*	A/R
42-8420	Shim – Plate	47	*	A/R
42-8430	Shim – Plate	47	*	A/R
42-8440	Shim – Plate	47	*	A/R
42-8450	Shim – Plate	47	*	A/R
42-8460	Spring Return	46	6	1
42-8620	Pin – Pressure	48	5	3
42-8630	Spring – Pressure	48	4	3
42-8640	Nipple	48	10	3
42-8650	Nut – Retaining	48	8	3
42-8660	Piece – Distance	48	6	3
42-8670	Flange	48	2	3
42-8680	Nozzle Assembly	48	7	3
42-8690	Metal – Sealing	45	1	1
42-8700	Wire	45	2	1
42-8710	Weight Assy. – Governor	45	16	1
42-8720	Sliding Shaft Assembly	45	13	1
42-8730	Governor Lever Assembly	45	20	1
42-8740	Spring – Tie Rod	45	11	1
42-8750	Tie Rod	45	12	1
42-8760	Governor Shaft	45	22	1
42-8770	Lever – Governor Spring	45	8	2
42-8780	Speed Control Lever Assy.	45	6	1
42-8790	Cover Assembly	45	29	1
42-8800	Gasket Cover	45	30	1
42-8810	Pin – Grooved	45	5	2
42-8810	Pin – Grooved	45	32	1
42-8820	Governor Spring	45	23	1
42-8830	O-Ring	45	7	2
42-8850	Oil Pump Assembly	44	*	1
42-8860	Plunger – Relief	43	40	1
42-8870	Plug	43	38	1
42-8880	Gasket	43	37	1
42-8900	Body – Oil Pump	43	48	1
42-8910	Rotor Assembly – Oil Pump	43	45	1
42-8920	Cover – Oil Pump	43	44	1
42-8930	Spring – Relief	43	39	1
42-8940	O-Ring	43	46	1
42-8950	Gasket – Oil Pump Body	43	49	1
42-8960	Driven Unit – Speedometer	42	*	1
42-8970	Pin – Spring	40	35	1
42-8980	Sleeve – Gear	40	36	1
42-8990	O-Ring	40	37	1
42-9010	O-Ring	40	34	1
42-9020	Plate – Locking	41	63	1
42-9030	Filter Assembly – Oil	43	42	1
42-9060	Oil Pressure Switch Assy.	43	41	1
42-9070	Pulley – Water Pump	39	56	1
42-9080	Water Pump Assembly	39	60	1
42-9090	Gasket – Water Pump	39	61	1
42-9100	Belt Fan	35	21	1
42-9110	Gasket	38	41	1
42-9120	Intake Manifold Assembly	38	6	1
42-9140	Gasket – Intake Manifold	38	7	1
42-9150	Pipe Inlet	38	3	1
42-9160	Gasket – Inlet Pipe	38	5	1
42-9170	Gasket – Exhaust Manifold	38	39	1
42-9180	Wire – Glow Plug Lead	38	26	2
42-9190	Glow Lamp	3	14	1
42-9200	Complete Gasket Set	39	*	1
42-9210	Bolt – Bearing Cap	41	67	8
42-9220	Screw – Cap, Hex. Hd.	41	56	6
42-9230	Screw – Cap (8 x 16)	38	51	15
42-9230	Screw – Cap, Hex. Hd.	43	32	2
42-9230	Screw – Cap, Hex. Hd.	37	34	1
42-9230	Screw – Cap, Hex. Hd.	41	81	3
42-9240	Screw – Cap (12 x 28)	38	44	3
42-9250	Screw – Cap, Hex. Hd.	40	14	4
42-9260	Plug – Oil Drain	38	49	1
42-9300	Screw –Cap (10 x 20)	39	64	2
42-9310	Screw – Cp, Hex. Hd.	38	1	4
42-9320	Bolt – Cylinder Head	38	31	8
42-9330	Bolt – Cylinder Head	38	25	3
42-9350	Screw – Cap, Hex. Hd.	40	27	2
42-9360	Bolt	40	26	2
42-9370	Screw – Cap, Hex. Hd.	40	42	1
42-9390	Bolt (8 x 32)	38	33	6
42-9400	Screw – Cap, Hex. Hd.	45	28	3
42-9420	Bolt – High Speed Set	45	3	1
42-9430	Screw – Cap, Hex. Hd.	45	14	3
42-9440	Screw – Cap, Hex. Hd.	40	39	1
42-9450	Bolt/Washer – Assembled	45	21	1
42-9470	Bolt – Connecting Rod	41	50	6
42-9480	Screw – Cap, Hex. Hd.	43	43	4
42-9490	Screw – Cap (6 x 12)	39	58	4
42-9500	Screw – Cap (8 x 45)	39	55	3
42-9500	Screw – Cap, Hex. Hd.	42	87	8
42-9510	Screw – Cap (8 x 60)	39	59	1
42-9510	Screw – Cap, Hex. Hd.	35	46	2
42-9520	Screw – Cap (8 x 30)	38	43	5
42-9530	Screw – Cap (8 x 40)	39	66	1
42-9570	Stud (8 x 25)	38	38	5
42-9580	Nut	35	19	2
42-9580	Nut	37	20	4
42-9580	Nut	44	64	1
42-9580	Nut (8)	38	19	3
42-9580	Nut – Jam	45	10	2
42-9590	Nut – Connecting Rod	41	61	6
42-9600	Washer – Lock	22	9	28
42-9600	Washer – Lock	37	25	4
42-9600	Washer – Lock	35	40	3
42-9600	Washer – Lock	39	65	2
42-9600	Washer – Lock	39	67	2
42-9600	Washer – Lock M10	21	59	24
42-9600	Washer – Spring	40	25	3
42-9620	Nut – Jam	40	29	6
42-9640	Nut – Jam	45	36	1
42-9660	Washer – Flat	43	23	6
42-9660	Washer – Plain (8)	39	54	4
42-9670	Washer	48	9	3
42-9680	Washer	48	3	A/R
42-9690	Washer	48	*	A/R
42-9700	Washer	48	*	A/R
42-9710	Washer	48	*	A/R
42-9720	Washer	48	*	A/R
42-9730	Washer	48	*3	A/R
42-9740	Washer	48	*	A/R
42-9750	Washer	48	*	A/R
42-9770	Washer	47	9	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
42-9790	Washer – Head Bolt	38	32	8
42-9800	Washer	38	20	2
42-9810	Washer – Flat	42	86	1
42-9820	Washer	44	73	1
42-9830	Washer – Seal	43	3	2
42-9850	Washer – Lock	38	2	24
42-9850	Washer – Lock	40	7	11
42-9850	Washer – Lock	45	9	2
42-9850	Washer – Lock	43	31	7
42-9850	Washer – Lock M8	21	51	4
42-9850	Washer – Lock, M8	22	29	28
42-9860	Washer –Spring	41	85	1
43-0080	Nut – Set	49	10	1
43-0090	Screw – Cap (10 x 25)	38	48	2
43-0110	Screw – Cap, Hex. Hd.	43	14	4
43-0120	Screw – Set	49	3	1
43-0130	Screw – Set	49	19	1
43-0190	Spring Set	50	4	1
43-0370	Shim	44	65	AR
43-0380	Spacer	44	66	1
43-0390	Alternator	44	67	1
43-0400	Brace – Alternator	44	71	1
43-0410	Regulator Assembly	3	25	1
43-0420	Pulley Assembly	49	2	1
43-0430	Bracket Assembly Front	49	4	1
43-0440	Bearing – Front	49	5	1
43-0450	Rotor Assembly	49	7	1
43-0460	Bearing – Rear	49	8	1
43-0470	Stator	49	9	1
43-0480	Rear Bracket Assembly	49	14	1
43-0490	Holder Assembly Brush	49	11	1
43-0500	Brush	49	12	2
43-0510	Spring – Brush	49	15	1
43-0520	Rectifier Assembly	49	13	1
43-1440	Engine	35	13	1
43-1710	Valve Assembly	31	13	1
43-1730	Body	34	7	1
43-1770	Plate – Rear	38	46	1
43-1780	Thermostat	38	14	1
43-1790	Fitting – Thermostat	38	10	1
43-1800	Flywheel	41	53	1
43-1810	Gear – Ring	41	54	1
43-1870	Manifold – Exhaust	38	42	1
43-1880	Control Unit Assembly	3	27	1
43-1890	Screw	49	18	1
43-1900	Screw – Cap, Hex. Hd.	44	68	1
43-1910	Fan – Cooling	37	1	1
43-1920	Nut Set	49	1	1
43-1940	Adapter – Temp. Gauge	35	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	43	10	2
43-2710	O-Ring	43	19	1
43-2720	Mold	49	16	1
43-2730	Solenoid – Tubular	45	17	1
43-2740	Gasket	45	19	1
43-2750	Nut	45	18	1
43-2770	Lever – Stop	45	35	1
43-2800	Screw – Cap, Hex. Hd.	45	24	1
43-2820	Sealing Cap	45	25	1
43-2830	Nut	45	4	1
43-2900	Retainer – Oil Level Guide	43	20	1
43-2910	Plate – Ungleich Set	46	3	AR
43-2920	Plate – Ungleich Set	46	*	AR
43-2930	Plate – Ungleich Set	46	*	AR
43-2940	Plate – Ungleich Set	46	*	AR
43-2950	Plate – Ungleich Set	46	*	AR
43-3000	Plate – Smoke Set	46	7	AR
43-3010	Plate – Smoke Set	46	*	AR
43-3020	Plate – Smoke Set	46	*	AR
43-3030	Plate – Smoke Set	46	*	AR
43-3040	Plate – Smoke Set	46	*	AR
43-3050	Plate – Smoke Set	46	*	AR
43-3060	Plate – Smoke Set	46	*	AR
43-3070	Plate – Smoke Set	46	*	AR
43-3080	Plate – Smoke Set	46	*	AR
43-3090	Plate – Smoke Set	46	*	AR
43-3100	E-Ring	46	1	1
43-3110	Spring – Ungleich Set	46	2	1
43-3120	Washer – Seal	45	27	1
43-3130	Hose – Water	38	13	1
43-3140	Clamp – Hose	38	12	2
43-3150	Bolt/Washer – Assembled	47	17	2
43-3160	Screw – Adjusting	45	33	1
43-3190	Screw – Cap, Hex. Hd.	35	41	3
43-3200	Screw – Cap, Hex. Hd.	37	24	4
43-3210	Screw – Cap, Hex. Hd.	35	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	35	27	1
43-3530	Pulley Flywheel	37	26	1
43-3690	Fan – Shaft	37	2	1
43-3700	Hub-Fan	37	4	1
43-3720	Collar – Bearing	35	32	1
43-3730	Bracket Throttle Control	35	52	1
43-3760	Lever – Throttle	36	54	1
43-3770	Link – Throttle	35	1	1
43-3780	Swivel – Throttle Control	35	9	1
43-3790	Bracket – Belt Guide	35	48	1
43-3800	Bushing – P.T.O. Fork	8	23	2
43-3810	Tube – Air Cleaner	51	18	1
43-3820	Spacer	3	34	1
43-3850	Muffler	37	17	1
43-3860	Shaft – Pivot P.T.O.	8	9	1
43-3870	Support – Muffler	37	8	1
43-3880	Pulley	37	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
43-4230	Hose	36	56	1
43-4230	Hose – Return	15	15	1
43-4290	Decal – Instructions, Start.	1	31	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
43-5590	Arm – P.T.O.	8	30	1
43-5610	Fork P.T.O.	8	24	1
43-5630	Yoke – P.T.O.	8	51	1
43-5690	Hose – Vent, Fuel Tank	15	16	1
43-5910	V-Belt	37	11	1
43-5920	Washer – Lock	49	17	1
43-5920	Washer – Lock	44	63	1
43-5930	Washer – Lock	22	14	12
43-5930	Washer – Lock	45	15	7
43-5930	Washer – Lock	40	28	2
43-5930	Washer – Lock	39	57	4
43-5950	Washer – Lock	35	26	4
43-5960	Nut – Special	45	26	1
43-5970	Nut	44	62	1
43-6240	Shim – Plate	47	*	AR
43-6470	Nut	41	84	1
43-6710	Shim .003 – Diff. Adjust.	16	15	AR
43-6711	Shim .005 – Diff. Adjust.	16	16	AR

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
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
44–2210	Warning Light	3	8	1
44–2220	Wire Lead	3	6	1
44–2230	Coupling – Rubber	27	26	4
44–8070	Nozzle & Holder Assembly	38	34	3
44–8080	Body	48	1	3
44–8090	Lever Assembly Stop	45	31	1
44–8100	Spring Return	45	34	1
46–7540	Lever Assembly	50	3	1
46–7610	Starter Assembly	38	47	1
46–7620	Screw – Set	50	1	1
46–7630	Bracket Assembly – Front	50	2	1
46–7650	Bracket Assembly – Center	50	5	1
46–7660	Switch Assembly	50	6	1
46–7670	Armature Set	50	8	1
46–7680	Bearing – Front	50	7	1
46–7690	Bearing – Rear	50	9	1
46–7700	Bolt Set	50	15	1
46–7710	Shaft Assembly – Clutch	50	*	1
46–7720	Pinion Set	50	19	1
46–7730	Snap Ring	50	20	1
46–7740	Gear Set	50	*	1
46–7750	Shaft Assembly Pinion	50	18	1
46–7760	Gear	50	17	1
46–7770	Cover Set	50	16	1
46–7780	Yoke Assembly	50	11	1
46–7790	Brush Holder Assembly	50	13	1
46–8030	Spring – Brush	50	12	4
46–8040	Bracket – Rear	50	14	1
46–8050	Packing	50	10	1
46–8400	Bearing – Needle	30	53	2
46–8410	Motor Shaft	30	58	1
46–8810	Stop – Leaf, Spring	27	6	1
46–8840	Spring – Lift Arm	52	14	1
47–7420	Hose	36	55	1
48–1800	Cylinder Block Kit	29	5	2
48–1980	Gasket	41	78	1
48–1990	Nut – Jam	41	77	1
48–2010	Screen – Assembly Oil	41	76	1
48–2020	Cylinder Block Sub Assy.	39	62	1
48–7710	Screw – Cap, M8 x 20	22	39	4
48–7730	Bolt – M8 x 30	21	52	2
48–7780	Screw – Cap, Hex. Hd.	19	16	8
48–7960	Nut	19	27	2
48–9220	Washer – Flat	19	17	8
48–9460	Screw – Cap, M8 x 25	22	28	20
48–9470	Bolt – M10 x 30	21	60	24
48–9470	Screw – Cap, M10 x 30	22	10	4
49–2280	Decal – Fuel, Diesel	2	34	1
49–7990	Cap – Shipping	40	31	1
53–4430	Decal – Oil	15	42	1
53–8150	Pump Assy. Fuel, Electric	6	13	1
53–9480	Washer	37	28	2
53–9480	Washer	35	39	2
53–9660	V–Belt Torque Team	8	12	1
53–9680	Engine Mount – Rubber	35	23	2
53–9680	Engine Mount – Rubber	37	29	2
53–9710	Engine Mount	35	22	2
53–9750	Fan Mount	37	6	1
54–7890	Pump Housing	29	22	1
54–8650	Screw – Cap, Flange Hd.	44	70	1
54–8660	Washer	44	69	1
54–8670	Bolt – Flywheel	41	52	5
54–8680	Shim – Plate	47	*	A/R
54–8690	Shim – Plate	47	*	A/R
54–8700	Plate – Smoke Set	46	*	A/R
54–8710	Plate – Smoke Set	46	*	A/R
54–8730	Plate – Smoke Set	46	*	A/R
54–8740	Plate – Smoke Set	46	*	A/R
54–8750	Plate – Smoke Set	46	*	A/R
54–8760	Plate – Smoke Set	46	*	A/R
54–8770	Plate – Smoke Set	46	*	A/R
54–8780	E–Ring	46	5	1
54–9040	Yoke – End (Split)	9	63	1
54–9180	Kit – U–Joint	9	58	2
54–9180	Kit – Universal Joint	23	2	2
54–9290	Bracket	27	37	2
54–9300	Cover	28	66	1
55–3572	Fuel Cap	15	18	1
56–0960	Plate – Smoke Set	46	*7	A/R
56–2460	Washer – Flat	19	41	A/R
60–9760	Nut	32	7	1
60–9760	Nut – Hex	33	7	1
60–9770	Piston	32	6	1
60–9780	Head	32	5	1
61–3610	Warning Decal	52	12	3
61–4960	Seal Repair Kit	32	3	1
61–4980	Shaft – w/Clevis	32	2	1
61–4990	Ring – Retaining	32	4	1
62–3290	Shaft – Slip Yoke	9	60	1
62–3730	Screw – Cap, w/Washer	40	8	2
62–3740	Plate – Front	40	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	31	21	1
62–4260	Drive Shaft Assembly	8	44	1
62–4290	O–Ring	30	54	2
62–6840	Sender – Fuel Level	15	12	1
62–6940	Cap	45	37	1
62–7050	23x10.5x12 Tire Assembly	15	*	2
62–7650	Gasket	15	8	1
63–1400	Belt Guide	36	58	1
63–4360	Bolt – M8 x 40	21	56	2
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	31	15	1
63–8990	Hose	12	23	1
63–9010	Hose Assembly	5	24	1
63–9250	Valve – Steering, Power	12	25	1
63–9260	Manifold – Valve	31	17	1
63–9640	Hose – Fuel	15	27	1
63–9650	Hose	6	20	1
63–9720	Hose	6	7	1
65–2970	Line – Gas	31	22	1
66–1250	Cylinder – Hydraulic	31	*	1
66–3240	Radiator Cap Assy.	5	4	1
66–5310	Idler Pulley	37	18	1
66–5320	Spacer	37	19	1
66–6140	Decal – Toro	5	7	1
66–6370	Lift Arm	52	1	1
66–6390	Decal – Caution	1	5	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
66-7030	Screw – Cap, w/Washer	37	32	2
66-7150	Push Arm R.H.	52	9	1
66-9760	Nut – Hex.	12	2	1
66-9770	Seal	13	28	1
66-9780	Bushing	13	29	1
66-9850	Bolt – Special	13	36	4
66-9860	Upper Cover & Jacket	13	37	1
66-9870	Plate – Retaining	13	38	1
66-9880	Washer – Retaining Plate	13	39	1
66-9890	Ring – Retaining	13	40	1
66-9900	Shaft – Input	13	41	1
66-9970	Spring Kit	13	*	1
66-9980	Seal Kit	13	*	1
66-9990	Needle Roller Kit	13	*	1
67-1700	Decal – Starting Fluid	51	19	1
67-1710	Decal – Caution	1	28	1
67-1720	Decal – Torque	2	44	2
67-1750	Bushing	19	13	2
67-5450	Piston	33	6	I
67-5460	Head	33	5	1
67-5470	Ring – Retaining	33	4	1
67-5480	Shaft	33	2	1
67-5500	Repair Kit	33	3	1
67-8050	Bearing – Needle	29	35	1
67-8060	Lip Seal	29	36	1
67-8110	Filter – Oil	27	41	1
67-8130	Support W.A. – Axle	24	9	1
67-8170	Pin W.A. – Axle, Rear	24	7	1
67-8190	Bracket – Engine Support	7	12	2
67-8690	Support – Column	12	7	1
67-8810	Bracket, L.H.	7	10	1
67-8820	Bracket, R.H.	7	4	1
67-8960	Weight – Rear	24	11	1
67-9030	Grille	5	36	1
67-9080	Housing – Motor	29	4	1
67-9090	Plug	29	42	1
67-9100	Gasket	29	10	1
67-9800	Bumper	52	37	1
68-5140	Cap – Wheel, Steering	12	46	1
68-5370	Decal – Toro	12	1	1
68-6820	Axle – Drive, Steerable	19	1	1
68-6860	Cylinder – Hyd., Steering	24	32	1
68-6870	Rod End	19	7	1
68-6880	Bracket – Clutch, Cable	19	40	1
68-6890	Clevis	26	13	1
68-6910	Arm – R.H., Steering	19	2	1
68-6930	Arm – L.H., Steering	19	18	1
68-6950	Cross Member W.A.	24	26	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	27	39	1
68-8990	Head – Filter	27	42	1
68-9110	Shim	37	37	A/R
68-9111	Shim	37	*	A/R
68-9112	Shim	37	*	A/R
68-9160	Bracket	5	27	1
68-9650	Hose – Axle	27	46	1
68-9710	Hose Assy. – Steering	24	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
70-1390	Sleeve – Protective	24	33	1
70-2200	Decal – Toro	1	2	1
70-2560	Decal – Lube	19	26	1
70-2620	Elbow – Fitting	27	48	1
71-3580	Hose – (Valve to Cylinder)	31	19	1
71-4330	Seal	16	23	1
71-4340	Washer	16	21	1
71-4350	Nut	16	20	1
71-4370	Transmission – Inline	28	50	1
71-4400	Coupling – Drive	27	27	1
71-4410	Spacer – Coupling, Rubber	27	31	2
71-4411	Spacer – Coupling, Rubber	27	29	6
71-4430	Hose Assy. – Steering	24	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	24	15	2
71-4550	Driveshaft (Complete)	23	*	1
71-4570	Housing – Clutch,	19	33	1
71-4580	Clutch – Roller	19	31	2
71-4590	Washer – Thrust	19	30	2
71-4610	Handle W.A.	26	2	1
71-4630	Mount – Cable	26	15	1
71-4640	Bracket – Lever, Shaft	26	4	1
71-4650	Lever W.A.	26	6	1
71-4680	Cable Assembly	26	16	1
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	24	16	1
71-4860	Decal – 4wd Control	1	29	1
72-3410	Yoke – Flange	23	1	1
72-3420	Shaft – Yoke, Slip	23	3	1
72-3430	Tube – Yoke, Slip	23	5	1
72-3440	Yoke – Shaft	23	6	1
72-3480	Kit – Seal	25	*	1
72-3490	Nut	25	10	1
72-3500	Piston	25	9	1
72-3510	Barrel Assembly	25	11	1
72-3520	Head – Internal	25	4	1
72-3520	Rod	25	1	1
72-3540	Valve – Relief Adj.	27	*	1
72-3550	Tube Assembly	27	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
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	27	17	1
72-3720	Cartridge – Valve, Relief	27	18	1
72-3730	Seal Kit (Relief Valve)	27	*	1
72-3750	Bearing – Ball	29	2	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
72-4200	Ring – Set – Piston Std.	40	44	3
72-4210	Ring Set – Piston	40	45	3
72-4220	Ring Set – Piston	40	46	3
72-4230	Ring Set – Piston	40	47	3
72-4240	Piston & Piston Pin Std.	41	48	3
72-4250	Piston & Piston Pin	41	*	3
72-4260	Piston & Piston Pin	41	*	3
72-4270	Piston & Piston Pin	41	*	3
72-4280	Camshaft	44	59	1
72-4290	Head Assembly – Cylinder	38	8	1
72-4320	Switch – Ball	8	3	1
72-4320	Switch – Ball	7	20	1
72-4870	Case – Differential	20	24	1
72-4880	Cover	20	2	1
72-4890	O-Ring	20	3	1
72-4900	Case – Differential	20	8	1
72-4910	Flange – Case, Diff.	20	12	1
72-4930	Gear – Side, Differential	20	9	1
72-4940	Gear – Side, Differential	21	47	1
72-4950	Gear – Pinion, Differential	20	10	2
72-4960	Shim .1 mm	20	5	1
72-4970	Shim .15 mm	20	*	1
72-4980	Shim .5 mm	20	*	1
72-4990	Shim .8 mm	20	*	1
72-5000	Shim 1.0 mm	20	*	1
72-5010	Shim 1.2 mm	20	*	1
72-5020	Shaft – Pinion	21	62	1
72-5030	Pin – Dowel	21	63	2
72-5040	Washer – Gear, Diff.	20	11	1
72-5050	Tube – Axle, R.H.	20	16	1
72-5060	Axle – R.H.	20	17	1
72-5070	Gasket	20	15	2
72-5080	Gasket	20	14	2
72-5090	Bear – Bevel	20	21	2
72-5090	Gear – Bevel	22	18	2
72-5100	Spacer	20	20	2
72-5110	Tube – Axle, L.H.	21	61	1
72-5120	Axle – L.H.	21	58	1
72-5130	Vent	20	23	1
72-5140	O-Ring	20	25	1
72-5150	Plug	20	26	1
72-5160	Shim .1mm	20	29	1
72-5170	Shim .15 mm	20	*	1
72-5180	Shim .5 mm	20	*	1
72-5190	Shim .8 mm	20	*	1
72-5200	Shim 1.0 mm	20	*	1
72-5210	Shim 1.2 mm	20	*	1
72-5250	Washer	20	33	1
72-5260	Nut	20	34	1
72-5270	Case	20	38	1
72-5280	Clutch – Outer	20	35	1
72-5290	Gasket	21	39	1
72-5300	Cover – Clutch	21	53	1
72-5310	Clutch – Inner	21	46	1
72-5320	Fork – Clutch	21	42	1
72-5330	Rod – Clutch	21	41	1
72-5340	Shaft – Input	21	50	1
72-5350	Spring	21	44	1
72-5360	Ring – Retaining	20	19	2
72-5370	Ring – Retaining	20	22	2
72-5380	Ring – Retaining	20	36	1
72-5390	Ring – Retaining	21	48	2
72-5440	Pin –Spring	21	64	1
72-5450	Pin – Spring	21	43	1
72-5460	O-Ring	20	37	1
72-5470	Ball – Steel	21	45	1
72-5480	Dowel	21	57	2
72-5490	Seal – Oil	21	55	1
72-5500	Seal – Oil	21	54	1
72-5510	Gear Box – Axle	22	23	2
72-5520	Case – Knuckle	22	38	2
72-5540	Case – Knuckle	22	30	2
72-5550	Cover	22	26	2
72-5560	Pin – King, Knuckle	22	20	2
72-5570	Shaft – Axle, Outer	22	35	2
72-5580	Gear – Bevel	22	5	4
72-5590	Retainer – Bearing	22	15	2
72-5600	Washer – Thrust	22	21	2
72-5620	Gasket	22	1	4
72-5630	Gasket	22	16	2
72-5640	Bearing – Needle	22	22	2
72-5650	Hub – Wheel	22	34	2
72-5660	Washer – Shaft, Wheel	22	33	2
72-5670	Pin – Dowel	22	7	4
72-5680	Spacer	22	19	2
72-5720	Ring – Retaining	22	4	2
72-5730	Seal – Oil	22	24	4
72-5740	Seal – Oil	22	2	2
72-5770	Nut – Castell	22	32	2
72-5780	Key	22	36	2
72-5790	Screw – Cap, M6 x 18	22	13	12
72-5800	Bolt	20	1	8
72-5810	Bolt	20	7	8
72-5820	Plug	20	28	1
72-5830	Bolt – Socket Hd.	21	40	4
72-5840	Gasket	20	27	1
72-9420	Vent Assembly	17	41	1
74-0720	Tube – Manual	7	2	1
74-9510	Washer	30	60	4
75-0560	Wheel – Steering	12	3	1
75-9560	Pump Shaft	29	20	1
75-9900	Engine Support – Front	35	29	1
76-1900	O-Ring	29	18	2
76-4690	Coupling – Axle	19	37	1
77-2970	Ring & Pinion Assembly	21	*	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	37	22	1
80-0060	Hose – Air Cleaner	51	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	51	12	1
82-2590	Plug – Thrust	42	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
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.	28	52	1
86-7230	Gear – Spur	16	14	1
86-8100	Ball Joint Assembly	52	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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
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
92-1676	Gear & Pinion Assembly	17	*	1
92-1773	Screw - Cap, Hex. Hd.	16	11	4
92-1774	Seal - Oil	18	2	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
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	26	1	1
233-21	Knob	31	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	27	14	3
237-22	O-Ring	29	13	1
237-22	O-Ring	12	20	3
237-22	O-Ring	24	20	2
237-22	O-Ring	31	29	2
237-22	O-Ring	28	64	1
237-30	O-Ring	12	13	3
237-30	O-Ring	31	30	2
237-30	O-Ring	28	65	1
237-30	Seal - O-Ring	8	4	1
237-30	Seal - O-Ring	7	23	1
237-42	O-Ring	34	2	2
237-42	O-Ring	31	31	2
237-42	O-Ring	28	63	2
237-78	O-Ring	27	16	2
237-78	O-Ring	24	30	2
237-78	O-Ring	31	32	2
237-80	O-Ring	29	33	1
237-80	O-Ring	27	38	1
237-81	O-Ring	27	40	3
237-86	O-Ring	29	7	4
237-95	O-Ring	29	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	51	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	35	6	1
2412-34	Clamp - Hose	27	47	2
2412-36	Clamp	12	24	2
2412-36	Clamp Hose	31	16	1
2412-39	Clamp	24	24	2
2412-39	Clamp	5	31	1
2412-42	Hose Clamp	51	11	1
2412-74	Clamp	2	38	1
2412-79	Clamp	15	14	1
2412-79	Clamp	35	15	1
2412-79	Clamp - Hose	43	34	8
2412-108	Clamp - Hose	31	28	2
2412-108	Clamp - Worm Drive	35	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	29	46	1
251-234	Lock Collar	8	41	2
251-252	Ball Bearing	8	40	2
251-252	Bearing - Ball	35	33	1
251-259	Bearing - Ball	27	10	1
251-263	Bearing - Ball	22	25	2
251-344	Bearing - Ball	20	4	1
251-345	Bearing - Ball	20	13	1
251-346	Bearing - Ball	21	49	2
251-347	Bearing - Ball	22	12	2
251-348	Bearing - Ball	22	3	2
251-349	Bearing - Ball	22	17	2
251-350	Bearing - Ball	20	18	2
252-82	Bearing - Bearing	29	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 - Roller, Tapered	20	31	1
254-109	Bearing - Roller, Tapered	20	32	1
256-10	Bushing	10	43	4
256-126	Bushing	52	16	6
256-156	Bushing	10	6	5
281-1	Plug - Taper	43	16	1
281-7	Plug - Pipe, Square Hd.	22	37	2
281-10	Plug - Socket, Hex.	22	27	2
282-17	Clevis	26	8	1
283-3	Pin - Clevis	26	9	1
283-8	Clevis Pin	8	26	1
283-10	Pin	52	40	3
283-17	Pin	31	26	1
283-17	Pin -Clevis	26	12	1
283-42	Clevis Pin	8	7	1
283-58	Pin - Clevis	10	14	2
283-76	Pin - Lynch	5	39	1
284-3	Plug - Welch	19	36	1
285-17	Pipe Plug	29	12	6
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	52	13	1
302-5	Fitting - Grease	19	32	1
302-5	Fitting - Grease	52	34	2
302-5	Fitting - Grease	10	44	2
302-10	Fitting - Grease	8	10	1
302-10	Fitting - Grease	35	31	1
302-11	Fitting - Grease	19	11	1
302-33	Fitting - Grease	52	28	2
302-55	Fitting - Grease	33	1	2
302-55	Fitting - Grease	32	1	2
302-55	Fitting - Grease	19	6	3
302-58	Fitting - Grease	23	4	1
302-58	Fitting - Grease	9	61	1
304-46	Drain Cock	5	21	1
304-73	Fitting - Straight Barb	31	23	1
304-73	Hose Barb	6	19	1
304-75	Fitting - 90° Barb	31	20	1
304-96	90° Hose Barb	6	2	1
321-2	Screw - Cap, Hex. Hd.	27	35	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
321-3	Screw – Cap, Hex. Hd.	37	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.	35	7	1
321-4	Screw – Cap, Hex. Hd.	3	30	2
321-4	Screw – Cap, Hex. Hd.	27	36	4
321-6	Screw – Cap Hex. Hd.	5	42	1
321-6	Screw – Cap Hex. Hd.	28	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.	31	14	5
322-2	Screw – Cap, Hex. Hd.	7	21	2
322-3	Screw – Cap, Hex. Hd.	51	13	4
322-4	Screw – Cap, Hex. Hd.	29	37	4
322-4	Screw – Cap, Hex. Hd.	12	43	1
322-5	Screw – Cap, Hex. Hd.	24	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.	27	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.	27	34	2
322-17	Screw – Cap, Hex. Hd.	27	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.	27	43	2
323-9	Screw – Cap, Hex. Hd.	19	21	2
323-13	Screw – Cap, Hex. Hd.	29	3	4
323-13	Screw – Cap, Hex. Hd.	10	32	2
323-14	Screw – Cap, Hex. Hd.	5	23	3
324-4	Screw – Cap, Hex. Hd.	52	19	2
324-11	Screw – Cap, Hex. Hd.	37	27	2
324-12	Screw – Cap, Hex. Hd.	52	22	2
324-12	Screw – Cap, Hex. Hd.	35	38	2
328-25	Screw – Cap, Hex. Hd.	24	23	1
329-7	Screw – Cap, Hex. Hd.	35	53	1
3210-7	Screw – Cap, Hex. Hd.	19	5	1
3210-7	Screw – Cap, Hex. Hd.	27	9	1
3210-7	Screw – Cap, Hex. Hd.	16	19	8
3217-5	Nut	35	50	1
3217-6	Nut	51	2	2
3217-6	Nut	1	11	2
3217-6	Nut – Hex	3	32	2
3217-6	Nut – Hex	28	57	2
3217-7	Nut – Hex	10	28	2
3217-8	Nut – Full	52	8	2
3217-9	Nut – Hex.	17	42	2
3217-26	Nut	3	37	1
3218-5	Nut – Jam	10	3	2
3218-7	Nut – Jam	12	42	1
3219-1	Nut	35	2	5
3219-2	Nut	16	1	8
3219-2	Nut – Hex	27	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
3220-1	Nut – Jam	26	10	3
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
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	37	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.	37	31	4
3234-11	Screw – Cap, Hex. Hd.	35	45	4
3234-11	Screw – Cap, Locking Fl.	1	26	5
3234-11	Screw – Flange, Hex. Hd.	26	5	2
3234-11	Screw w/Locking Flange	7	13	6
3234-12	Screw – Hex. Hd. Flange	1	8	4
3234-12	Screw – Lock, Flange	37	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.	24	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.	36	60	1
3234-24	Screw – Flange, Hex. Hd.	24	18	3
3234-25	Screw – Flange, Hex. Hd.	24	27	4
3234-32	Screw – Flange, Hex. Hd.	24	8	6
3234-32	Screw – w/Locking Flange	7	11	2
3241-5	Screw – Set, Sq. Hd.	27	25	2
3245-1	Screw – Set	8	46	2
3245-1	Screw – Set, Socket Head	35	36	2
3246-3	Screw – Set	8	29	4
3249-11	Screw – Mach. Rd. Hd.	27	5	2
3250-17	Screw – Pan Hd.	3	22	2
3253-3	Washer – Lock	15	5	2
3253-3	Washer – Lock	23	8	6
3253-3	Washer – Lock	37	35	4
3253-3	Washer – Lock	19	38	6
3253-3	Washer – Lock	35	51	3
3253-4	Washer – Lock	1	9	2
3253-4	Washer – Lock	37	21	5
3253-4	Washer – Lock	35	47	2
3253-6	Washer – Lock	52	7	2
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	27	44	2
3253-21	Washer – Lock	17	45	1
3253-21	Washer – Lock	9	55	4
3254-2	Washer – Lock, Int. Tooth	35	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	28	58	2
3255-5	Washer – Lock	3	38	1
3255-7	Washer – Lock, Ext. Tooth	3	31	3
3255-7	Washer – Lock	28	59	3
3255-7	Washer – Lock, Ext. Tooth	6	21	2
3255-8	Washer – Lock	16	2	8
3255-9	Washer – Lock, Ext. Tooth	36	61	1
3256-1	Washer – Flat	3	45	1
3256-3	Washer – Flat	27	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	28	61	1
3256-14	Washer – Flat	3	35	1
3256-22	Washer – Flat	10	8	1
3256-22	Washer – Flat	35	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	52	6	1
3256-26	Washer – Flat	10	40	1
3256-28	Washer – Flat	8	14	4
3256-41	Washer – Flat	8	36	3
3256-46	Washer – Flat	12	26	2
3256-64	Washer – Flat	35	25	4
3257-5	Key – Woodruff	8	11	3
3257-30	Key – Woodruff	37	3	2
3257-32	Key – Woodruff	29	21	1
3257-32	Key – Woodruff	27	24	1
3257-33	Key – Woodruff	35	30	1
3258-19	Screw – Mach. Rd. Hd.	51	16	2

*Not Illustrated

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3272-1	Pin – Cotter	26	11	2
3272-5	Pin – Cotter	10	7	3
3272-6	Pin – Cotter	31	8	1
3272-6	Pin – Cotter	10	21	6
3272-10	Cotter Pin	8	8	1
3272-10	Pin – Cotter	27	1	1
3272-10	Pin – Cotter	52	38	3
3272-11	Pin – Cotter	52	2	2
3272-11	Pin – Cotter	19	9	3
3272-11	Pin – Cotter	8	28	1
3272-16	Pin – Cotter	37	14	2
3272-17	Pin – Cotter	22	31	2
3272-22	Pin – Cotter	8	17	2
3272-24	Cotter Pin	52	10	1
3272-33	Pin – Cotter	52	17	1
3274-8	Screw – Cap, Hex. Hd.	19	39	6
3274-8	Screw – Cap, Soc. Hd.	23	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	36	59	1
3290-271	Rivet	5	9	4
3290-357	Nut – Lock, Flange	37	7	8
3290-357	Nut – Lock, Flange	7	14	6
3290-357	Nut – Lock, Flange	1	24	5
3290-357	Nut – Lock, Flange	35	43	7
3290-378	Cable Tie	6	8	A/R
3290-378	Tie – Cable	1	22	2
3290-379	Cable Tie	35	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	24	34	1
3290-424	Screw – Hex. Hd. Mach.	3	28	1
3296-2	Nut – Lock	1	18	6
3296-4	Nut – Lock	12	30	4
3296-6	Nut – Lock	8	34	1
3296-16	Nut – Lock	5	44	1
3296-16	Nut – Lock	9	74	1
3296-20	Nut – Lock	35	5	1
3296-20	Nut – Lock	24	28	2
3296-28	Nut – Lock	8	27	1
3296-29	Nut – Lock	27	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	31	10	5
3296-42	Nut – Lock	27	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	51	14	2
32120-8	Ring – Retaining	29	1	1
32120-11	Ring – Retaining	29	47	1
32120-15	Ring – Retaining	29	45	1
32120-22	Ring – Retaining	8	42	2
32120-22	Ring – Retaining, Internal	35	34	1
32120-69	Ring – Retaining, External	35	35	1
32120-72	Ring – Retaining	28	53	1
32121-5	Pin – Roll	26	7	1
32121-6	Pin – Roll	10	24	1
32121-6	Pin – Roll	28	62	1
32121-9	Pin – Roll	8	49	1
32121-15	Pin – Roll	17	32	1
32121-24	Pin – Roll	27	2	1
32121-34	Pin – Roll	19	35	1
32121-34	Pin – Roll	8	45	2
32121-73	Pin – Slotted Spring	31	9	1
32121-84	Pin – Roll	52	25	2
32121-91	Pin – Coil ,Spring	29	49	3
32128-17	Nut – Lock, Flange Hd.	3	26	3
32128-20	Nut – Flange	51	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	24	25	4
32128-21	Nut – Flange Hd.	5	28	3
32128-21	Nut – Flange, Lock	26	14	2
32128-21	Nut – Lock, Flange	1	7	6
32128-23	Nut – Lock, Flange	24	10	4
32128-23	Nut – Lock, Flange	37	16	1
32128-23	Nut – Lock, Flange	35	24	2
32128-25	Nut – Flange Lock	11	53	2
32128-33	Nut – Lock, Flange	2	41	5
32128-37	Nut – Lock, Flange	37	23	2
32128-37	Nut – Lock, Flange	35	44	2
32128-42	Nut – Flange	52	27	4
32128-45	Nut – Flange	24	31	1
32136-2	Nut	52	3	2
32136-3	Nut – Hex. Slotted	37	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	31	4	2
32144-10	Screw – Self–Tapping	5	1	5
32144-10	Screw – Thread Forming	24	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	24	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	29	27	2
32151-87	Ring – Retaining	19	29	1
32152-1	Nut – Lock	27	28	8
32152-1	Nut – Lock, Flange	35	12	1
32153-2	Nut – Hex.	12	11	2
32153-2	Nut – Lock	10	30	2
32153-2	Nut – Lock	36	57	1
340-54	Fitting	24	29	1
340-70	Nut – Lock, Bulkhead	5	26	2
340-71	Union – Bulkhead	5	25	2
340-77	Elbow – Fitting	27	21	1
340-92	Adapter – Straight	27	19	1
340-97	Elbow – Fitting	24	19	1
340-97	Fitting – 90°	31	25	1
340-99	Elbow – Fitting	27	22	1
340-99	Fitting – 90° Elbow	31	12	1
340-107	Fitting – Straight	27	13	2
340-110	Elbow – 90°	31	24	1
340-112	Elbow – 90°	31	18	1
340-143	Elbow – Swivel	27	15	1
353-508	Plug – Drain	28	49	1
353-512	Plug	31	1	1
353-550	Plug – Hex. Hd.	29	19	2
353-551	Plug – Hex. Hd.	29	32	1
353-702	Hose Barb	6	18	1
353-975	Hose Barb	6	6	1
353-987	Elbow – Fitting	27	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.

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MAINTENANCE RECORD

Date								