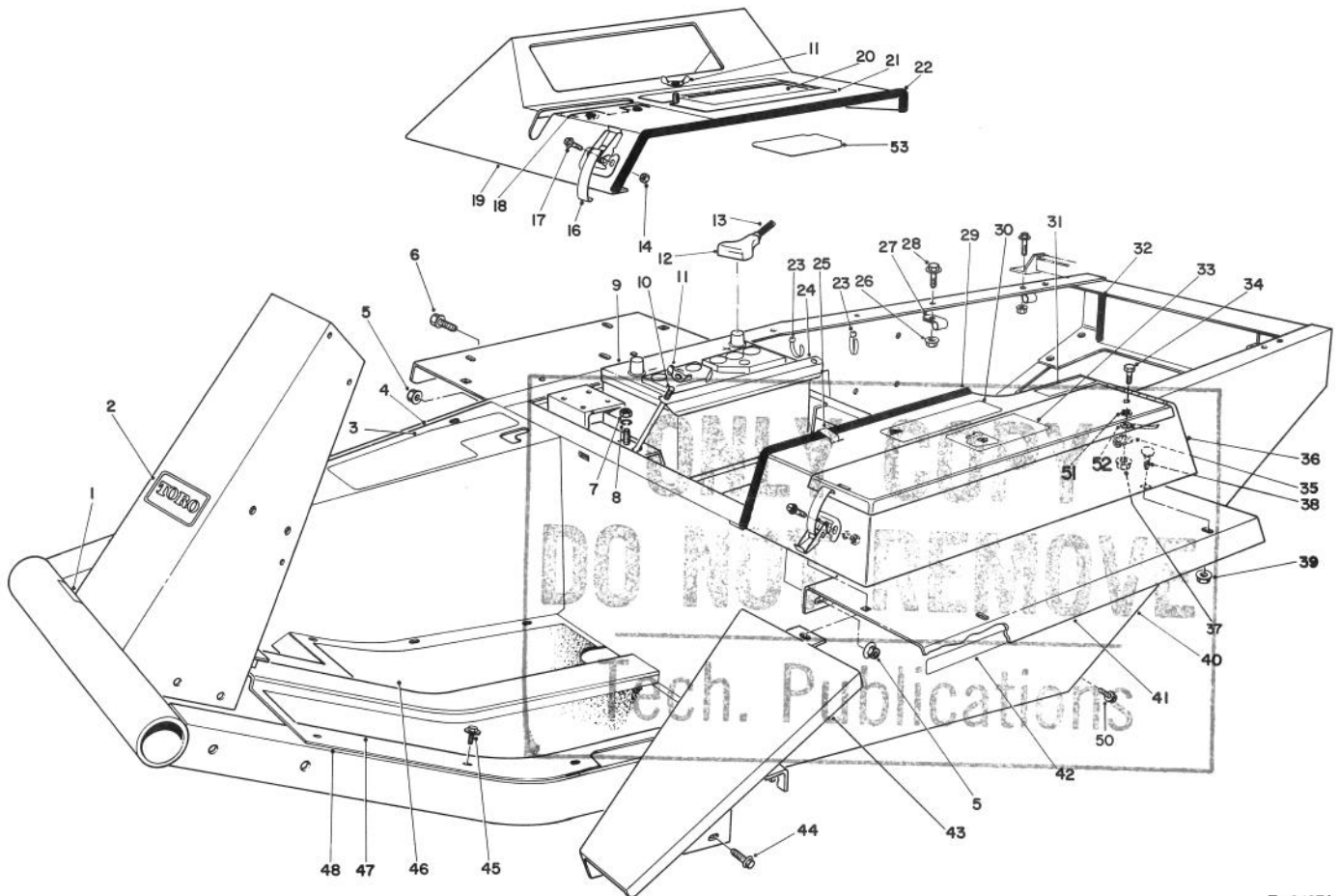




MODEL NO. 30788-40001 &amp; UP

PARTS  
CATALOGGROUNDMASTER® 325D  
TRACTION UNIT

T-0407A

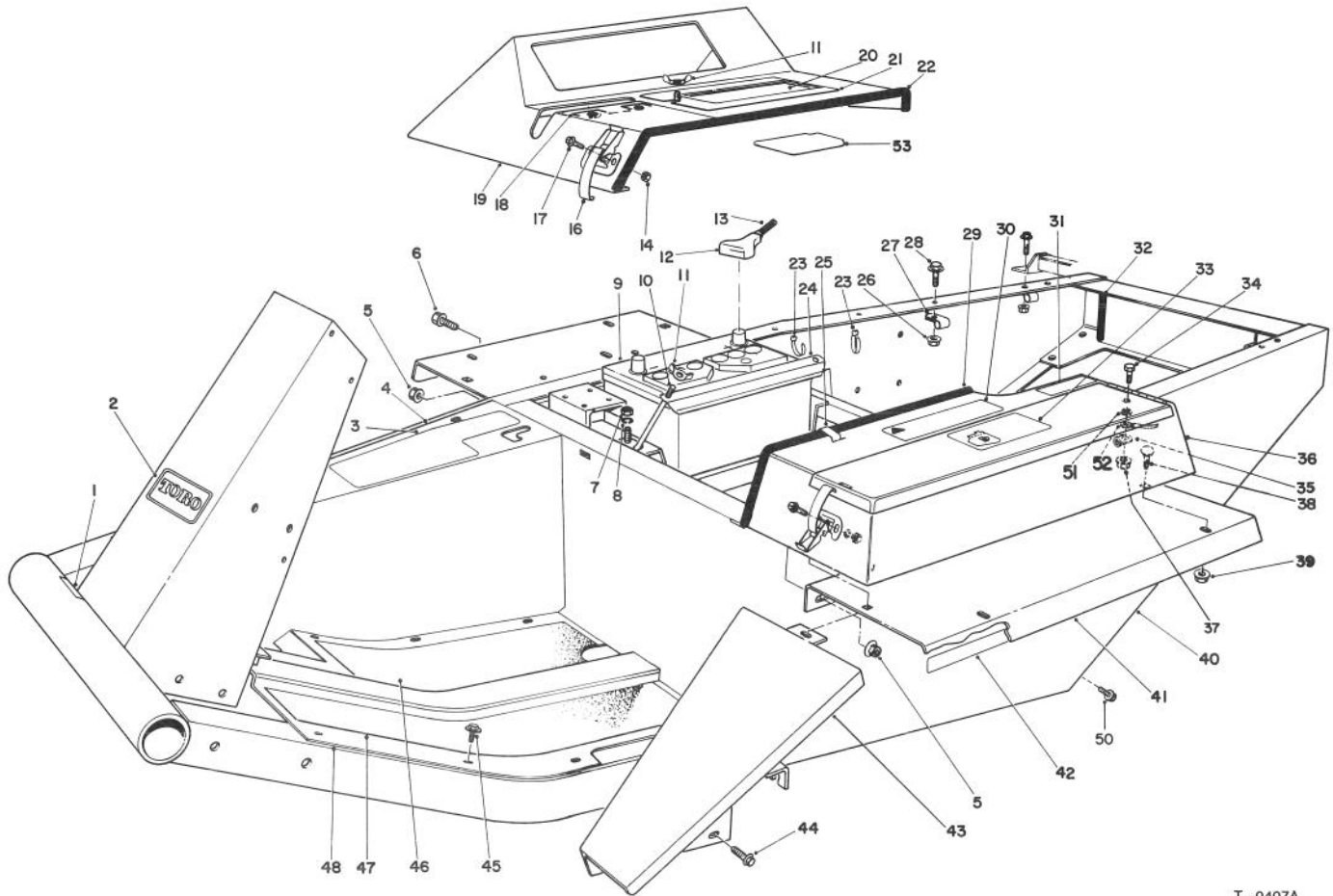
## MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	27-7320	Decal - Traction Pedal	1	17	3290-144	Screw - Machine	6
2	70-2200	Decal - Toro	1	18	27-7290	Decal - Power Take off	1
3	66-6390	Decal - Caution	1	19	38-4550	Instrument Cover	1
4	21-2660	Footrest	1	20	92-7802	Decal - Starting Instructions	1
5	32128-21	Nut - Lock, Flange	10	21	92-7800	Cover - Battery Access (Incl. Ref. #20 & 53)	1
6	3234-12	Screw - Hex. Hd. Flange	4	22	39-8020	Trim - Instrument Cover	1
7	3217-6	Nut - Hex.	2	23	3290-378	Cable Tie	2
8	3253-4	Washer - Lock	2	24	24-6420	Hold Down - Battery	1
†9		Battery Type MF24-78	1	25	2412-61	Clip - Tinnerman	2
10	24-6390	Stud - Battery Hold Down	2	26	3290-357	Nut - Lock, Flange	5
11	32103-2	Nut - Wing	3	27	2412-4	Clamp	3
12	28-1280	Boot - Cable	1	28	3234-11	Screw - w/Locking Flange	5
13	70-1180	Cable - Battery Positive (Inc. Ref. #12)	1	29	37-9650	Trim	1
14	3296-2	Nut	6	30	67-1710	Decal - Caution	1
16	249-21	Hook Clamp	3	31	49-2280	Decal - Diesel Fuel	1

†Obtain Locally

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TPS



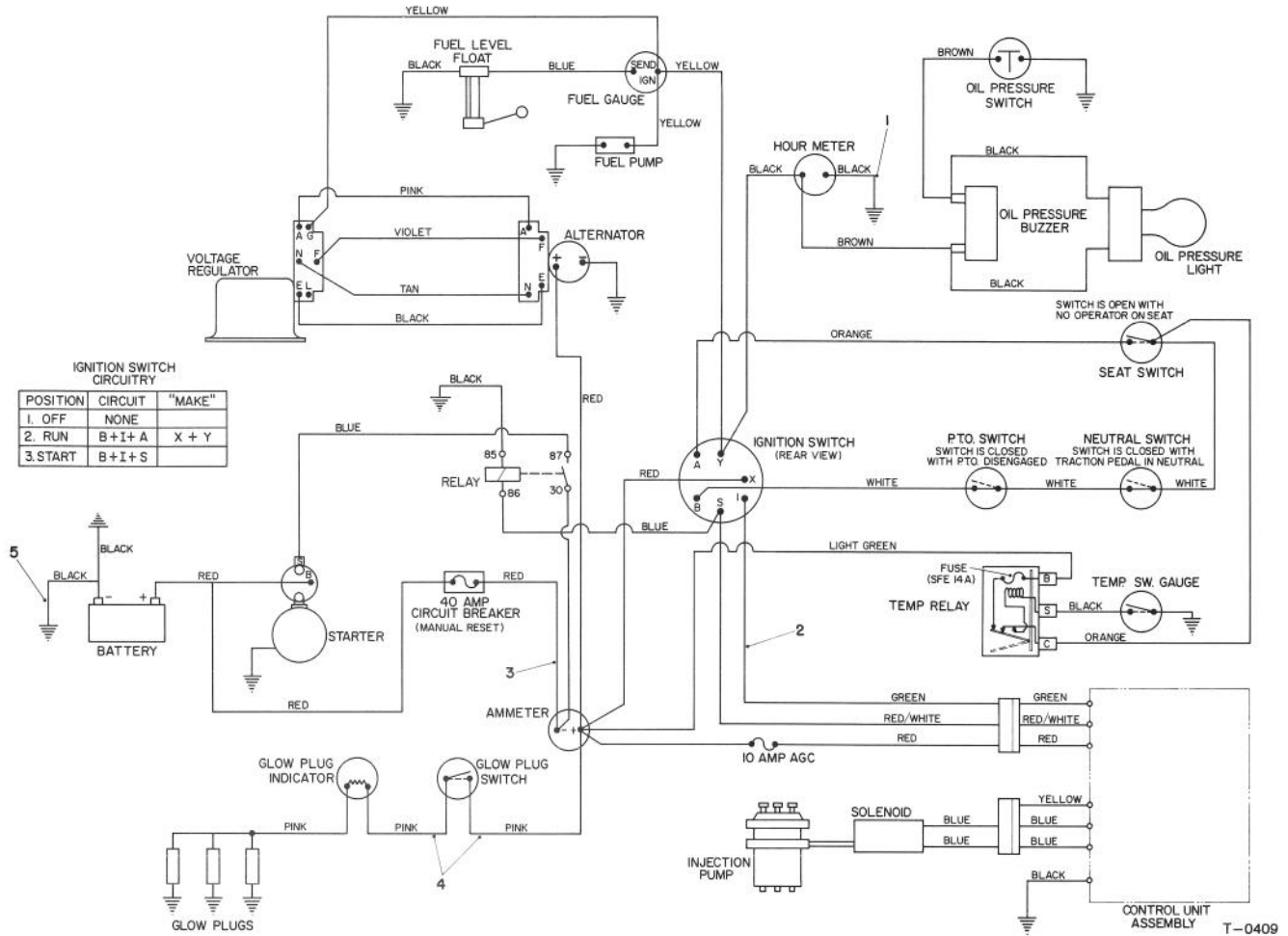
T-0407A

### MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
32	43-4300	Trim - Rear Frame	2
33	27-7310	Decal - Refueling	1
34	322-5	Screw - Cap, Hex. Hd.	1
35	2412-74	Clamp	1
36	38-4530	Tool Box	1
37	32128-20	Nut - Lock, Flange	1
38	3229-1	Bolt - Carriage	5
39	32128-33	Nut - Lock, Flange	5
40	82-9970	Frame (Inc. Ref. #5 & 50)	1
41	72-3690	Fender	2

Ref. No.	Part No.	Description	No. Used
42	67-1720	Decal - Torque	2
43	68-8610	Fender - Extension	1
44	3234-14	Screw - Cap, Hex. Hd.	2
45	32144-10	Screw, Self-Tapping	11
46	21-2770	Pad - Foot Rest R.H.	1
47	21-2760	Pad - Foot Rest L.H.	1
48	88-0070	Floor Plate	1
50	3234-25	Screw - Cap, Flange Hd.	4
51	3254-2	Washer - Lock Internal	1
52	18-2770	Cable - Ground	1
53	92-7801	Shield - Battery Cover	1



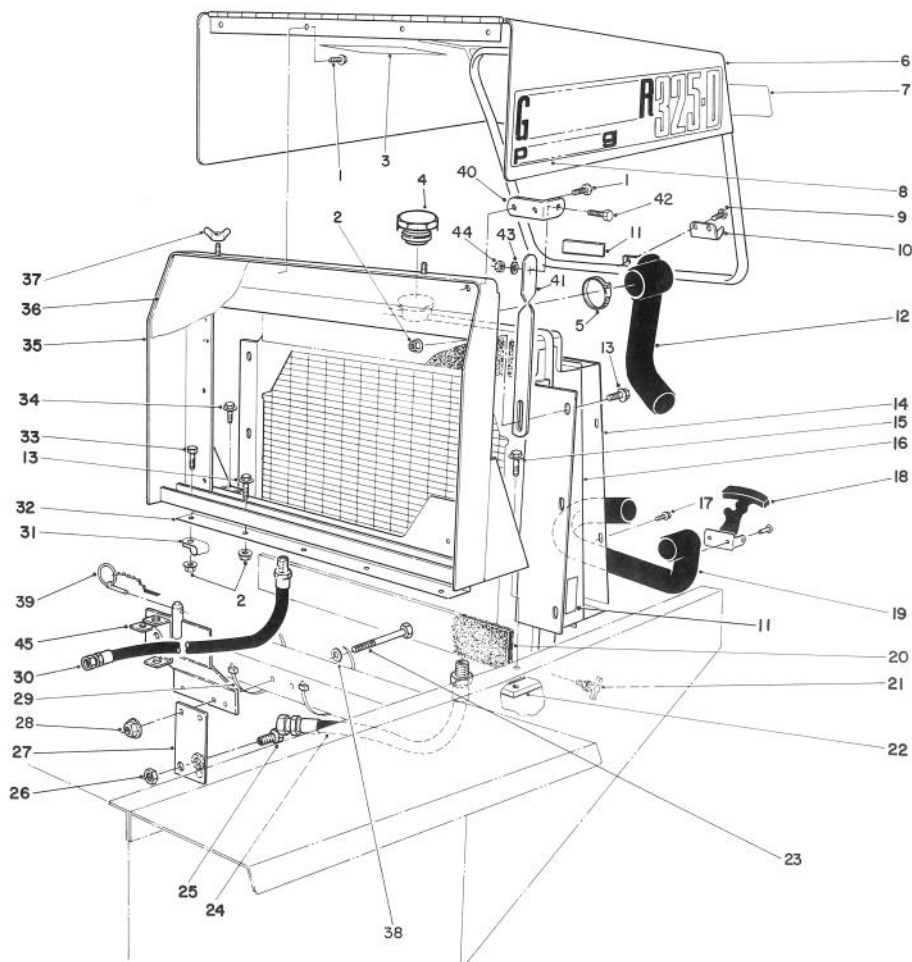


## ELECTRICAL SCHEMATIC

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

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

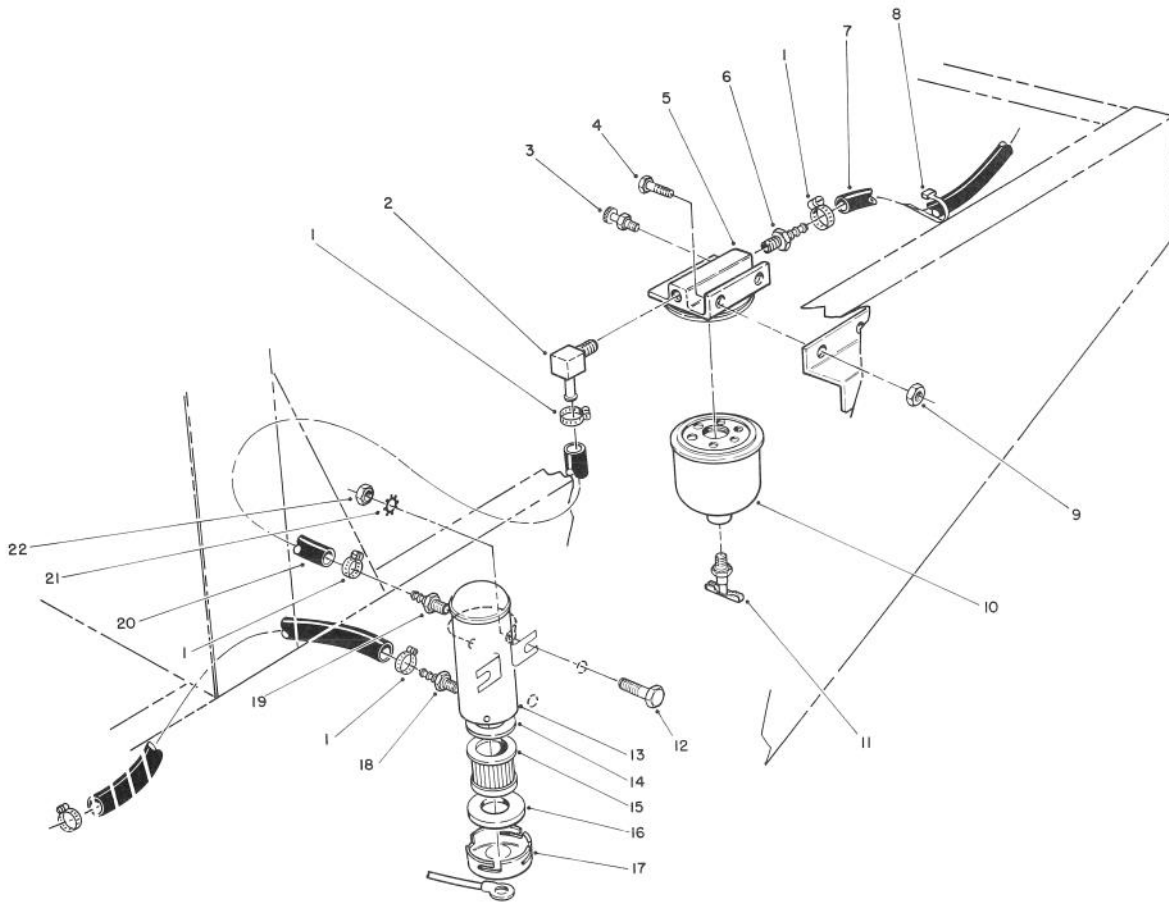




T-0410

## RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32144-10	Screw - Self-Tapping	5	24	63-9010	Hose Assembly (Cooler to Pump)	1
2	32128-20	Nut - Hex. Hd. Flange	11	25	340-71	Union - Bulkhead	2
3	82-8970	Decal - Engine Coolant	1	26	340-70	Nut - Lock, Bulkhead	2
4	66-3240	Radiator Cap Assy.	1	27	68-9160	Bracket	1
5	2412-3	Hose Clamp	4	28	32128-21	Nut - Flange Hd.	3
6	14-8459	Hood	1	29	3290-379	Cable Tie	4
7	66-6140	Decal - Toro	1	30	63-8960	Hose Assembly (Valve to Cooler)	1
8	84-8610	Decal - 325D	2	31	2412-39	Clamp	1
9	3290-271	Rivet	4	32	43-3340	Grille - Sealing Plate	1
10	249-40	Keeper	1	33	322-6	Screw - Cap, Hex. Hd.	1
11	77-3100	Decal - Warning	3	34	11-0590	Screw - Cap, Self Tapping	2
12	43-3350	Hose - Upper, Radiator	1	35	88-1820	Radiator Support	1
13	3234-14	Screw - Hex, Flange Hd.	11	36	67-9030	Grille	1
14	43-3330	Radiator Shroud	1	37	32103-2	Nut - Wing	2
15	3234-1	Screw - Cap, Locking Hex. Flange Hd.	2	38	5-0838	Washer - Flat	3
16	33-2570	Radiator Assembly	1	39	283-76	Pin - Lynch	1
17	32104-116	Screw - Self Tapping	8	40	84-5330	Bracket - Hood Prop	1
18	59-9740	Flexible Draw Latch (Incl. Ref. #10)	1	41	84-5380	Strap - Hood Prop	1
19	43-7020	Hose - Lower, Radiator	1	42	321-6	Screw - Cap Hex. Hd.	1
20	43-3320	Foam - Radiator	2	43	3256-22	Washer - Flat	1
21	304-46	Drain Cock	1	44	3296-16	Nut - Lock	1
22	38-4600	Bar - Frame L.H.	1	45	86-9410	Bracket - Seat Support	1
23	323-14	Screw - Cap, Hex. Hd.	3				

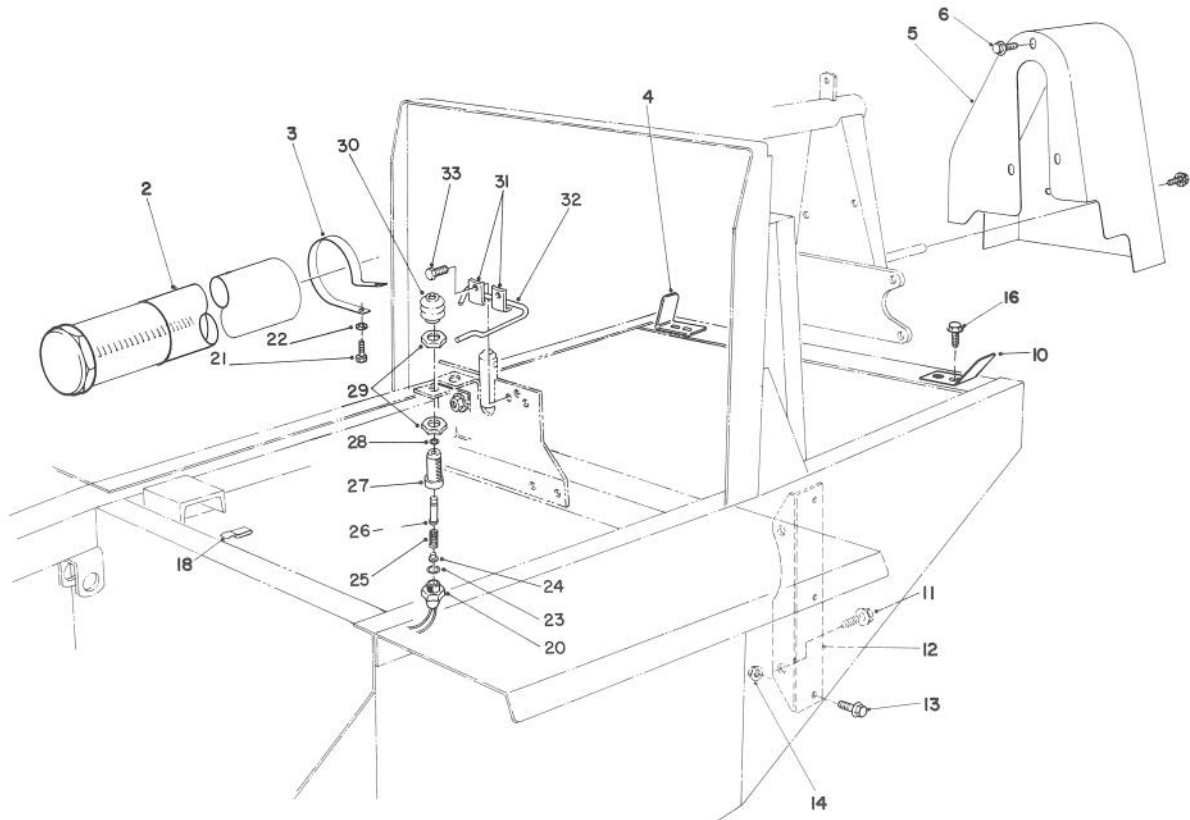


T-0411

## 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

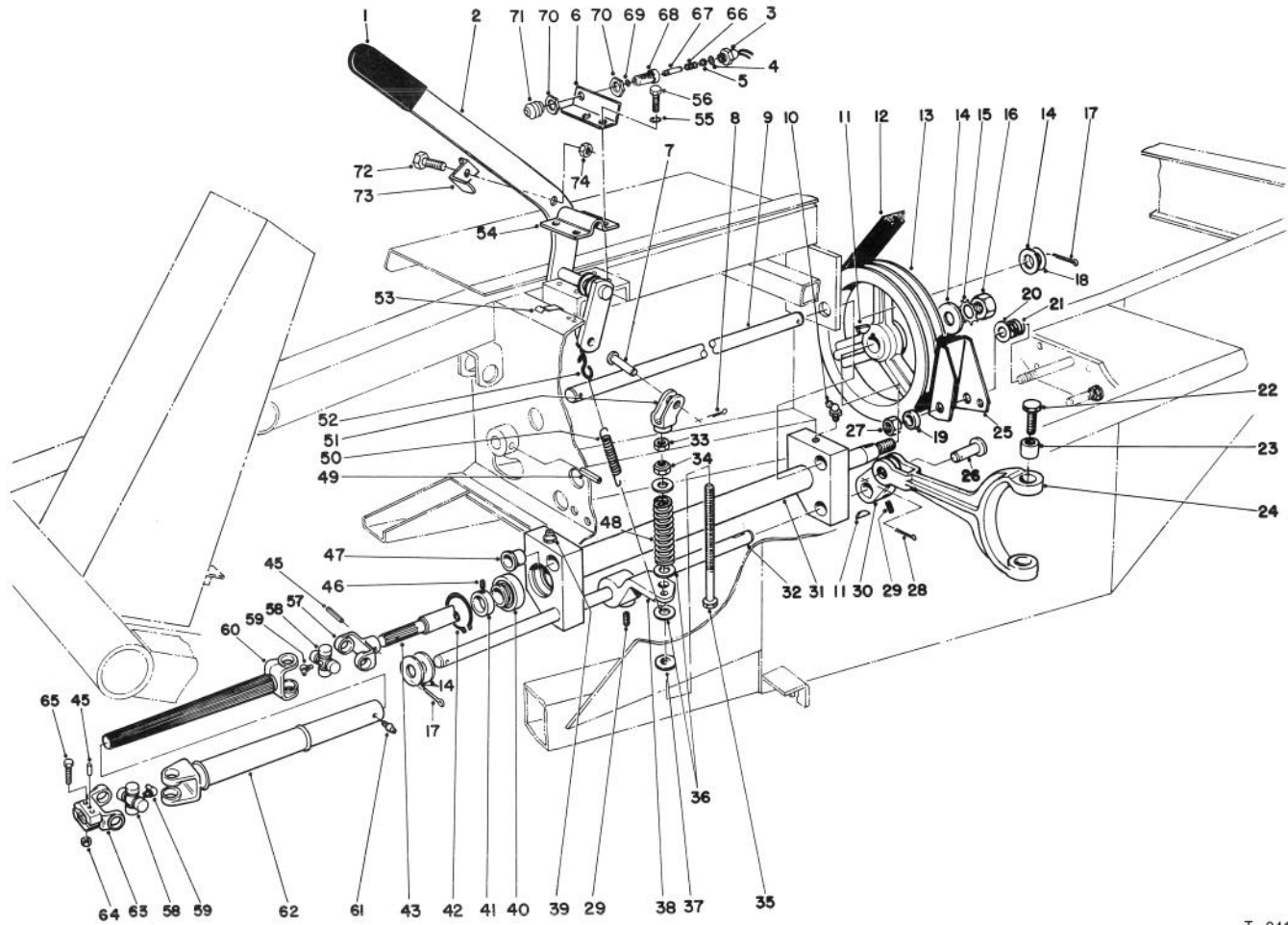


T-0412

## INTERLOCK ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
22	3256-23	Washer - Flat	2
23	237-30	Seal - O-Ring	1
24	43-8610	Guide - Spring & Ball Seat	1
25	43-8600	Spring - Compression	1
26	43-8860	Plunger - Switch	1
27	43-8620	Guide - Switch Pin	1
28	237-7	Seal - O-Ring	1
29	218-461	Nut - Jam	2
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
34	43-9071	Assembly - Switch (Incl. Ref. #20, 23-30; Qty 1 of #29)	1

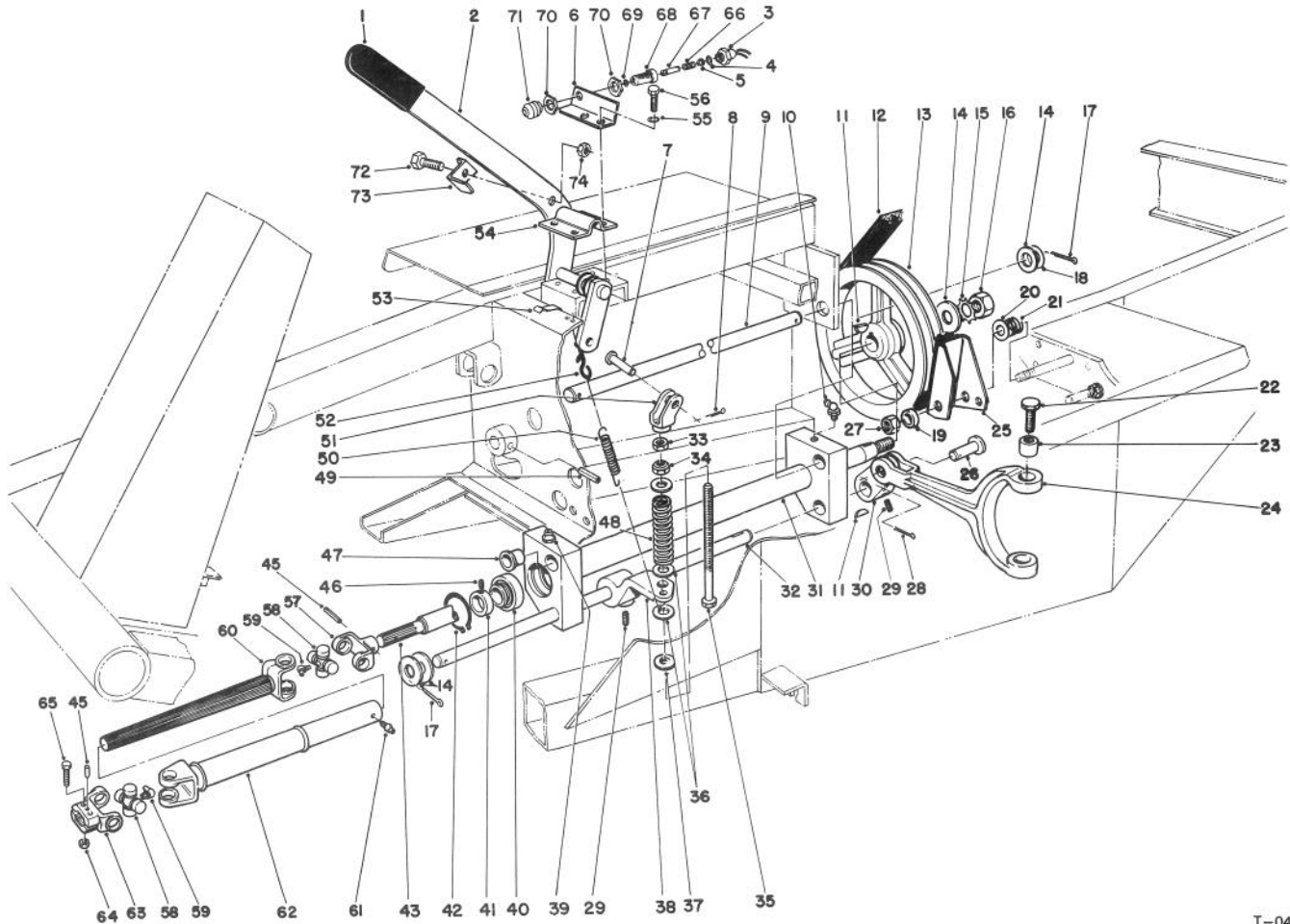


T-0413A

## 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	Grease Fitting	1
11	3257-5	Woodruff Key	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	1
17	3272-22	Cotter Pin	2
18	3-6498	Washer	A/R
19	3-8812	Spacer	1
20	3256-6	Washer - Flat	1
21	5-1747	Spring	1
22	92-5727	Screw - Cap, Hex. Hd.	2
23	92-5723	Bushing - P.T.O. Fork	2
24	92-4060	Fork P.T.O.	1
25	27-7370	Brake Assembly P.T.O.	1
26	283-74	Clevis Pin	1

Ref. No.	Part No.	Description	No. Used
27	3296-28	Nut - Lock	1
28	3272-11	Cotter Pin	1
29	3246-3	Set Screw	4
30	92-4058	Arm - P.T.O.	1
31	43-5500	Pivot P.T.O.	1
32	43-5550	Shaft - Actuator P.T.O.	1
33	3219-3	Nut	1
34	3296-6	Nut - Lock	1
35	27-7900	Screw - Adjusting	1
36	3256-41	Washer - Flat	4
37	5-0652	Spacer	1
38	43-5570	Arm, Actuator - P.T.O.	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
45	32121-34	Pin - Roll	2
46	3245-1	Set Screw	2
47	256-113	Bushing - Flange	4
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

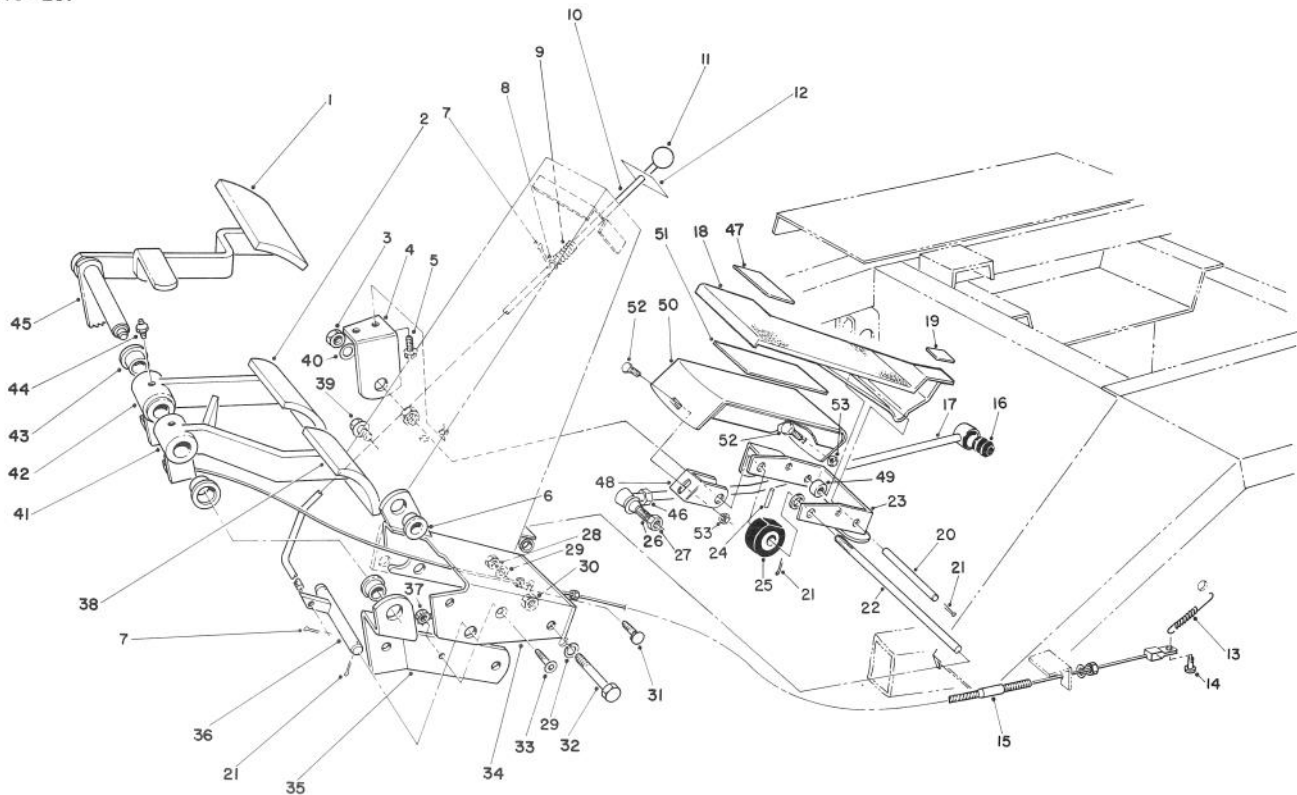


T-0413A

## POWER TAKE OFF ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	5-0701	Spring Anchor	1	66	43-8600	Spring - Compression	1
53	212-93	Wire Clip	1	67	43-8860	Plunger - Switch	1
54	21-1600	Clamp P.T.O. Lever	1	68	43-8620	Guide - Switch Pin	1
55	3253-21	Washer - Lock	4	69	237-7	Seal - O-Ring	1
56	32104-6	Screw - Hex. Hd. Tapping	4	70	218-461	Nut - Jam	2
57	62-3800	Yoke - End	1	71	43-8870	Boot - Switch	1
58	54-9180	Kit - U-Joint	2	72	321-4	Screw - Cap Hex. Hd.	1
59	62-3820	Fitting - Grease	2	73	86-7050	Bracket - Switch Actuator	1
60	62-3290	Shaft - Slip Yoke	1	74	3296-16	Nut - Lock	1
61	302-58	Fitting - Grease	1	*	43-9071	Assembly - Switch Incl. Ref. #3-5, & 66-71; Qty. 1 of #70)	1
62	62-3790	Tube - Slip Yoke	1	*	84-4890	Drive Shaft Assembly (Incl. Ref. #57-63)	1
63	54-9040	Yoke - End (Split)	1				
64	3296-29	Nut - Lock	2				
65	322-9	Screw - Cap Hex. Hd.	2				

\*Not Illustrated



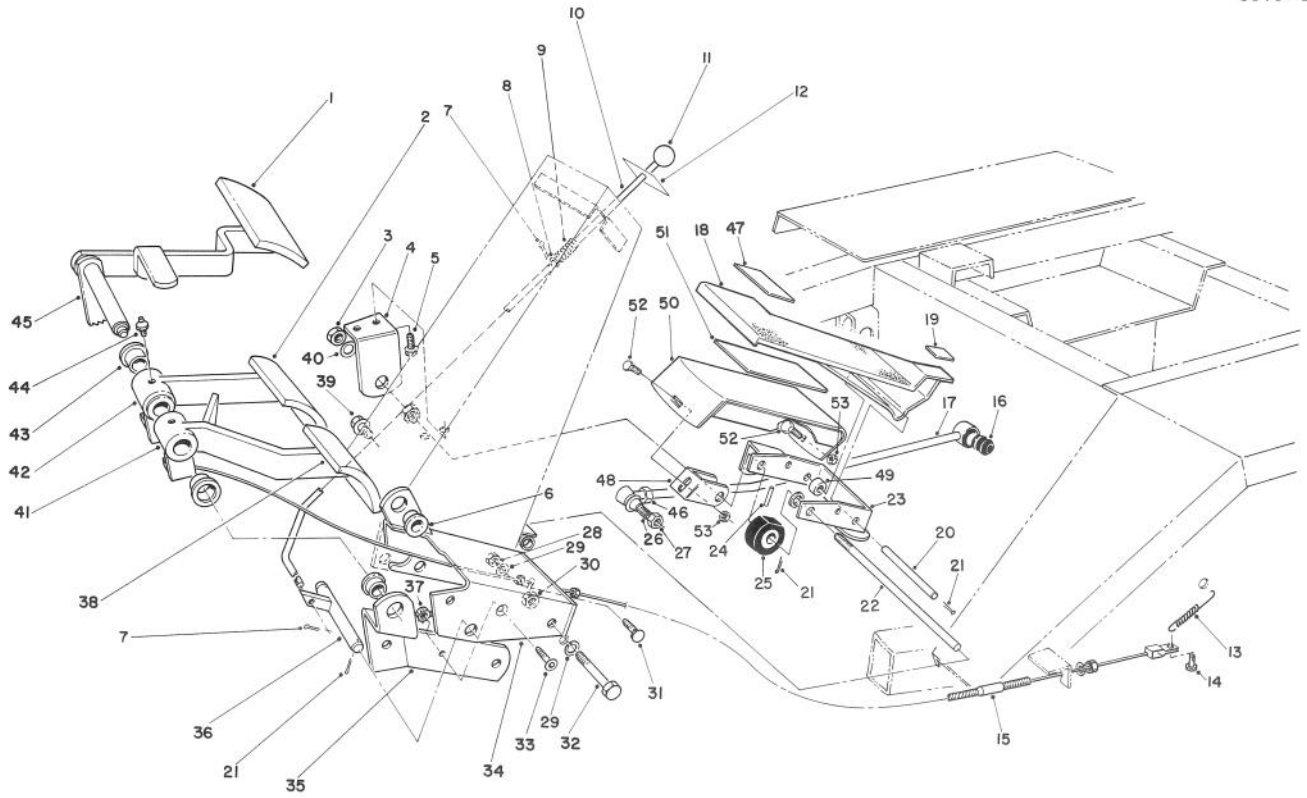
T-0415

## BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	7-3900	Pad - Brake	1	25	28-5220	Wheel - Friction	1
2	27-7580	Pad - Right Turn	1	26	21-0141	Socket Assembly R.H.	1
3	3218-5	Nut - Jam	2	27	3220-3	Nut - Jam	1
4	21-2850	Mount - R.H. Pedal	1	28	3217-7	Nut - Hex	2
5	11-0590	Screw - Hex. Hd. Tapping	2	29	3253-21	Washer - Lock	4
6	256-156	Bushing	5	30	32153-2	Nut - Lock	2
7	3272-5	Cotter Pin	3	31	3231-21	Bolt - Carriage	2
8	3256-22	Washer - Flat	1	32	323-13	Screw - Cap, Hex. Hd.	2
9	3-3251	Spring - Compression	1	33	3274-47	Screw - Flat Hd. Socket	1
10	82-8670	Rod - Brake Latch	1	34	27-7590	Mount - Brake	1
11	233-17	Knob	1	35	27-9270	Mount - Brake Pivot Shaft	1
12	82-8930	Decal - Parking Brake	1	36	27-7640	Shaft - Brake Latch	1
13	3-7243	Spring - Extension	2	37	32149-2	Nut	1
14	283-58	Clevis Pin	2	38	27-7570	Pad - Left Turn	1
15	21-3380	Cable - L.H. Brake	1	39	3234-11	Screw - Cap, Hex. Hd.	3
*	21-3370	Cable - R.H. Brake	1	40	3256-26	Washer - Flat	1
16	23-2270	Bushing - Rubber	1	41	27-7490	Pedal - L.H. Brake (Incl. Ref. #43)	1
17	23-2240	Rod - Pump Control	1	42	27-7510	Pedal - R.H. Brake (Incl. Ref. #43)	1
18	88-0530	Pedal - Traction	1	43	256-10	Bushing	4
19	88-1740	Pad - Pedal	1	44	302-5	Fitting - Grease	2
20	88-1640	Pin - Traction Pedal	1	45	27-8550	Pedal - Parking Brake	1
21	3272-6	Cotter Pin	6	46	3220-5	Nut - Jam	1
22	88-1650	Shaft - Traction Pedal	1	47	88-1730	Pad - Front Pedal	1
23	88-1670	Bracket - Pivot (Inc. Ref. #6)	1	48	88-1680	Bracket - Footrest	1
24	32121-16	Pin - Roll	1				

\*Not Illustrated





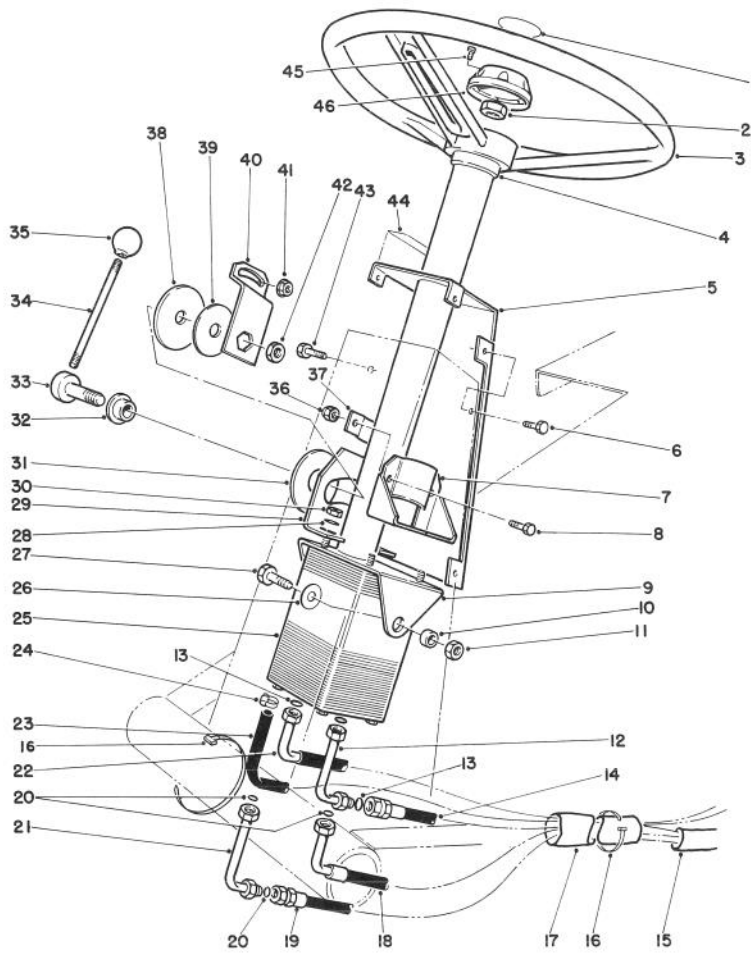
T-0415

### 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

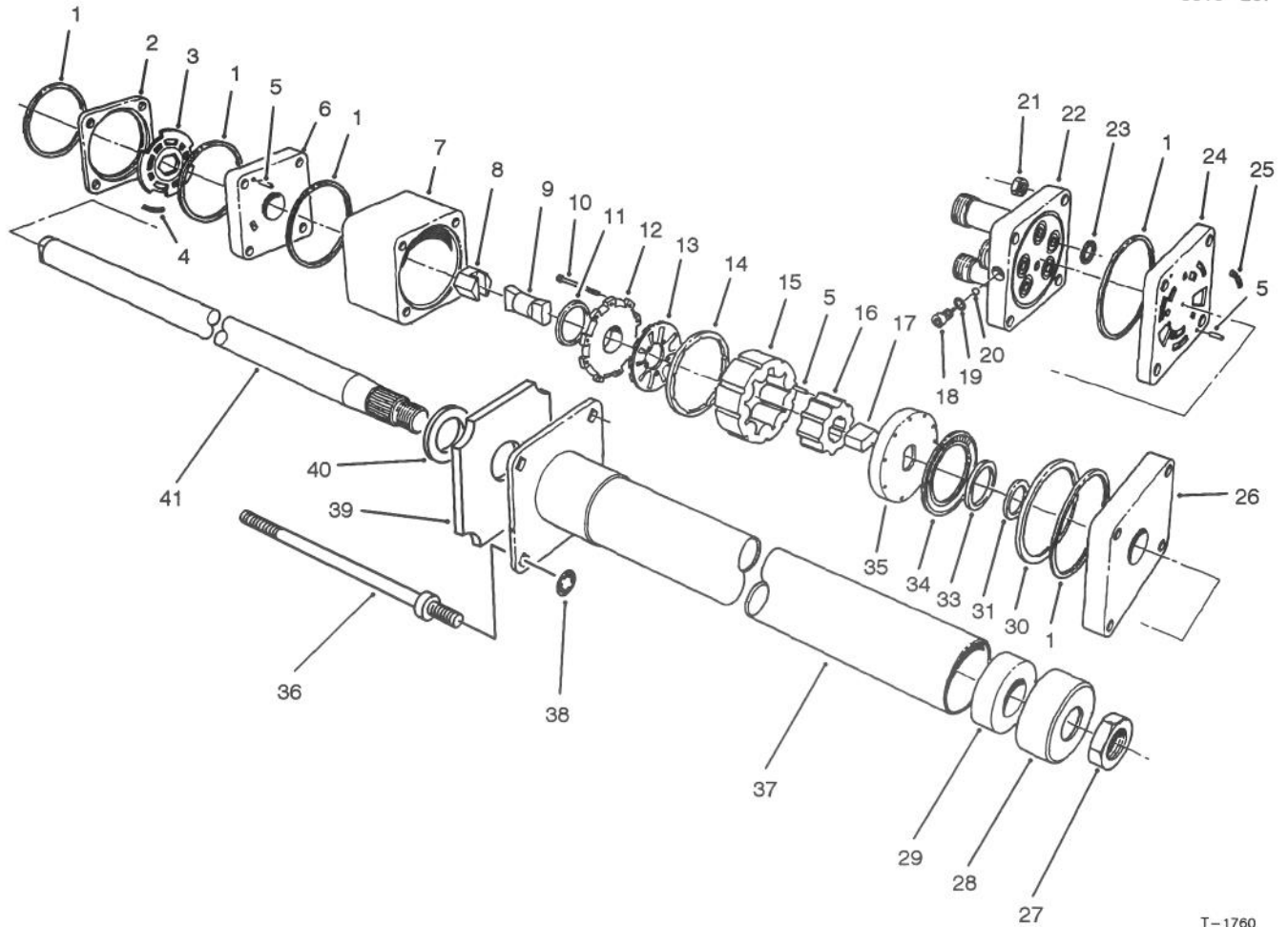
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T-1187

## POWER STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-5370	Decal - Toro	1	24	2412-36	Clamp	2
2	66-9760	Nut - Hex.	1	25	92-7308	Valve - Steering, Power	1
3	75-0560	Steering Wheel Assembly (Incl. Ref. #45 & 46)	1	26	3256-46	Washer - Flat	2
4	21-9260	Cover - Dust	1	27	323-6	Screw - Cap, Hex. Hd.	2
5	82-8660	Cover - Tower	1	28	3256-3	Washer - Flat	4
6	32144-10	Screw - Hex. Hd. Self Tap	6	29	80-2940	Plate - Pivot	1
7	67-8690	Support - Column	1	30	3296-20	Nut - Lock	4
8	3234-17	Screw - Cap, Hex. Hd.	2	31	31-0390	Disc - Friction	1
9	77-3120	Bracket - Mount, Column	1	32	80-2980	Boss - Pin	1
10	80-2960	Spacer - Tower	2	33	80-2970	Pin - Steering, Tilt	1
11	32153-2	Nut - Hex.	2	34	80-2890	Handle - Steering, Tilt	1
12	82-8760	Elbow	1	35	233-21	Knob - Handle	1
13	237-30	O-Ring	3	36	3296-29	Nut - Lock	2
14	63-8970	Hose - Trans. to Steering	1	37	82-8650	Clamp - Half	1
15	70-1390	Sleeve - Protective	1	38	82-9010	Disc - Friction	1
16	3290-379	Tie - Cable	3	39	80-2930	Washer	1
17	70-1380	Sleeve - Protective	1	40	80-2880	Bracket - Steering, Tilt	1
18	68-9730	Hose - Steering to Cylinder	1	41	32128-20	Nut - Flange	1
19	68-9720	Hose - Cylinder to Steering	1	42	3218-7	Nut - Jam	1
20	237-22	O-Ring	3	43	322-4	Screw - Cap, Hex. Hd.	1
21	82-8770	Elbow	1	44	82-8940	Decal - Steering, Tilt	1
22	63-8980	Hose - Aux. to Valve	1	45	32144-21	Screw	1
23	63-8990	Hose	1	46	68-5140	Cap - Wheel, Steering	1



T-1760

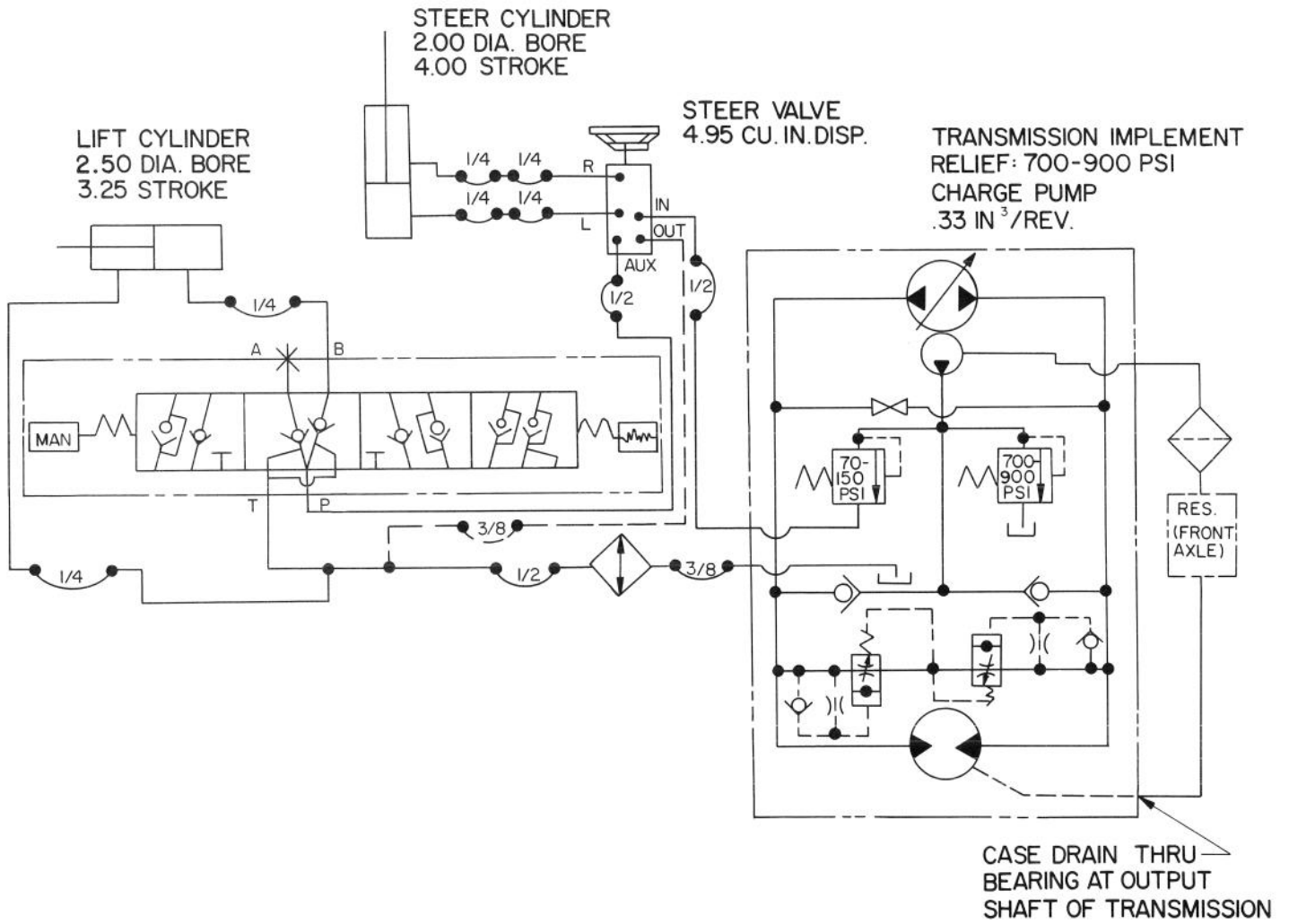
## POWER STEERING VALVE ASSEMBLY NO. 92-7308

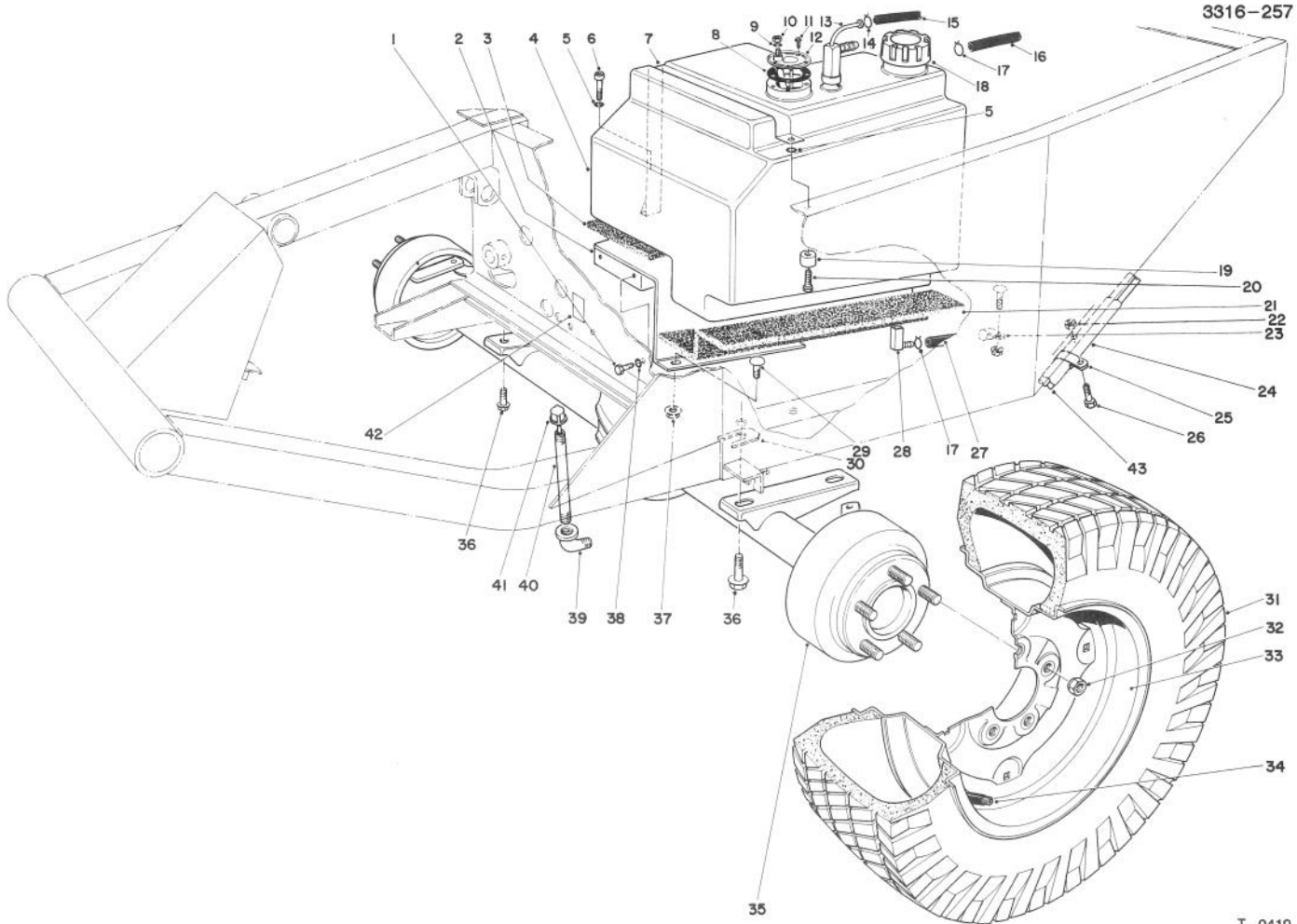
Ref. No.	Part No.	Description	No. Used
1		Ring - Seal	5
2		Ring - Valve	1
3		Plate - Valve	1
4		Spring	3
5		Pin - Alignment	9
6		Manifold - Isolation	1
7		Ring - Metering	1
8		Hex Drive Assy.	1
9		Link - Drive	1
10		Screw - Hex. Hd. Socket	11
11		Seal - Commutator	1
12		Cover - Commutator	1
13		Commutator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

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

\*Not Illustrated

# HYDRAULIC SCHEMATIC



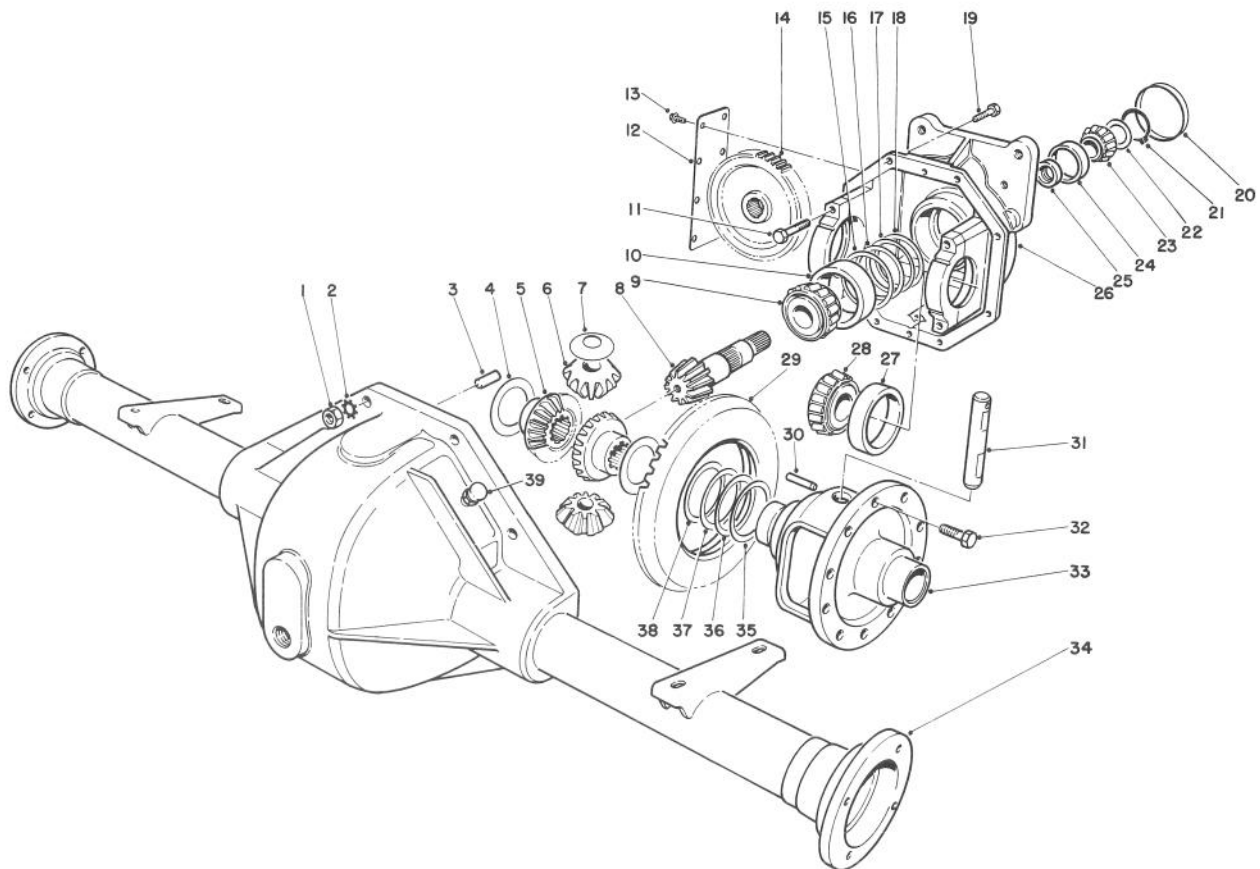


T-0419

## FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32104-6	Screw - Self Tapping	2	27	63-9640	Hose Fuel	1
2	68-9760	Fuel Tank Base	1	28	43-4190	Fitting Assembly	1
3	21-3600	Foam - Tank Support	1	29	3230-2	Bolt - Carriage	3
4	43-4150	Fuel Tank (Incl. Ref. #13 & 14)	1	30	42-6080	Shim - Axle	A/R
5	3253-3	Washer - Lock	2	31	231-101	Tire	2
6	32104-96	Screw - Cap, Hex. Hd.	1	*	231-95	Tire - 23x10.5x12 (Optional)	2
7	37-9550	Strap - Fuel Tank	1	32	23-7270	Nut - Wheel	10
8	62-7650	Gasket	1	33	217-117	Rim	2
9	3253-17	Washer - Lock	1	*	217-116	Rim - 23x10.5x12 (Optional)	2
10	3219-14	Nut	1	34	232-31	Valve Stem w/Cap	2
11	32144-53	Screw - Thread Forming	5	*	232-27	Valve Stem (For 23x10.5x12 Rim Opt.)	1
12	62-6840	Sender - Fuel Level	1	35	86-9600	Differential Assembly	1
13	43-4160	Fitting - Return & Vent	1	36	32144-67	Screw - Hex. Hd. Self Tap	4
14	2412-79	Clamp	1	37	32128-20	Nut - Flange	3
15	43-4230	Hose Return	1	38	3253-21	Washer - Lock	2
16	43-5690	Hose - Vent, Fuel Tank	1	39	2811-9	Street Elbow	1
17	2412-6	Clamp	2	40	289-37	Pipe Nipple	1
18	55-3572	Fuel Cap	1	41	23-5180	Dipstick	1
19	22-7810	Spacer	1	42	53-4430	Decal - Oil	1
20	321-6	Screw - Cap, Hex. Hd.	1	43	68-9710	Hose - Steering Cylinder	2
21	21-3610	Foam - Tank Support	1	*	231-90	Tube - Inner	2
22	3296-20	Nut - Lock	2	*	62-7020	23x10.5x12 Tire Assembly (Optional)	2
23	2412-4	Clamp	1				
24	56-7980	Sleeve - Protective	1				
25	2412-39	R-Clamp	2				
26	322-3	Screw - Cap, Hex. Hd.	2				

\*Not Illustrated



T-0919

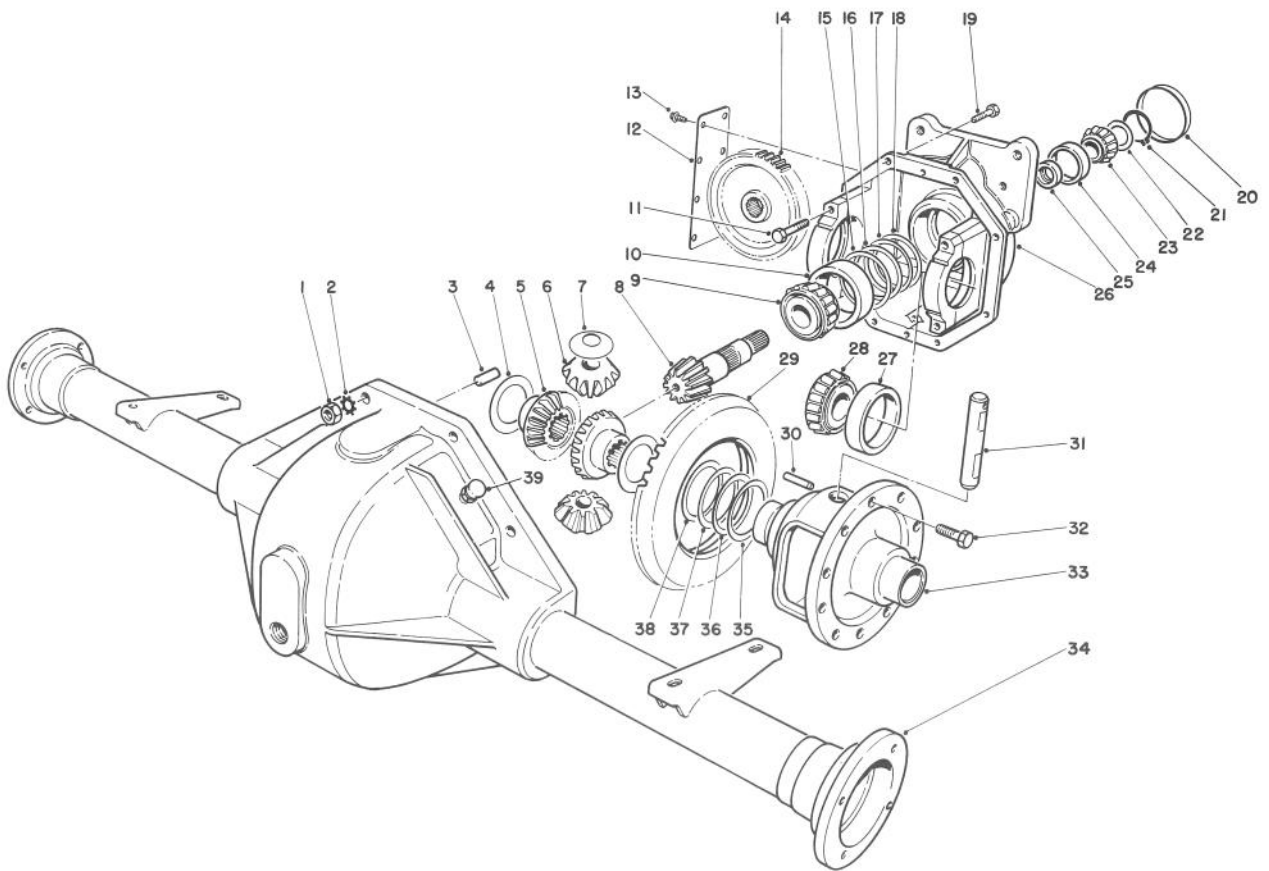
## DIFFERENTIAL ASSEMBLY NO. 86-9600

Ref. No.	Part No.	Description	No. Used
1	3219-2	Nut	8
2	3255-8	Washer - Lock	8
3	21-8270	Dowel Pin	2
4	21-7720	Thrust Washer	2
5	24-8790	Differential Bevel Gear Side	2
6	21-7690	Pinion Gear	2
7	21-7730	Thrust Washer	2
8		Drive Pinion (Incl. Ref. #29)	1
9	43-6760	Roller Bearing Cone	1
10	43-6750	Roller Bearing Cup	1
11	324-23	Screw - Cap, Hex. Hd.	4
12	21-7830	Gear Cover	1
13	12-5450	Thread Forming Screw	8
14	86-7230	Spur-Gear	1
15	43-6710	Adjustment Shim .003	A/R
16	43-6711	Adjustment Shim .005	A/R
17	43-6712	Adjustment Shim .010	A/R
18	43-6713	Adjustment Shim .030	A/R
19	3210-7	Screw - Cap, Hex. Hd.	8
20	21-7850	Cup - Plug	1
21	43-6550	Snap Ring	1
22	46-2210	Shim - Front Pinion Bearing (.031)	A/R
*	46-2211	Shim - Front Pinion Bearing (.033)	A/R

Ref. No.	Part No.	Description	No. Used
*22	46-2212	Shim - Front Pinion Bearing (.035)	A/R
*	46-2213	Shim - Front Pinion Bearing (.037)	A/R
*	46-2214	Shim - Front Pinion Bearing (.039)	A/R
*	46-2215	Shim - Front Pinion Bearing (.041)	A/R/
*	46-2216	Shim - Front Pinion Bearing (.043)	A/R
*	46-2220	Shim - Front Pinion Bearing (.045)	A/R
*	46-2221	Shim - Front Pinion Bearing (.047)	A/R
*	46-2222	Shim - Front Pinion Bearing (.049)	A/R
*	46-2223	Shim - Front Pinion Bearing (.051)	A/R
*	46-2224	Shim - Front Pinion Bearing (.053)	A/R
*	46-2225	Shim - Front Pinion Bearing (.055)	A/R
*	46-2226	Shim - Front Pinion Bearing (.057)	A/R
*	46-2410	Shim - Front Pinion Bearing (.062)	A/R

\*Not Illustrated



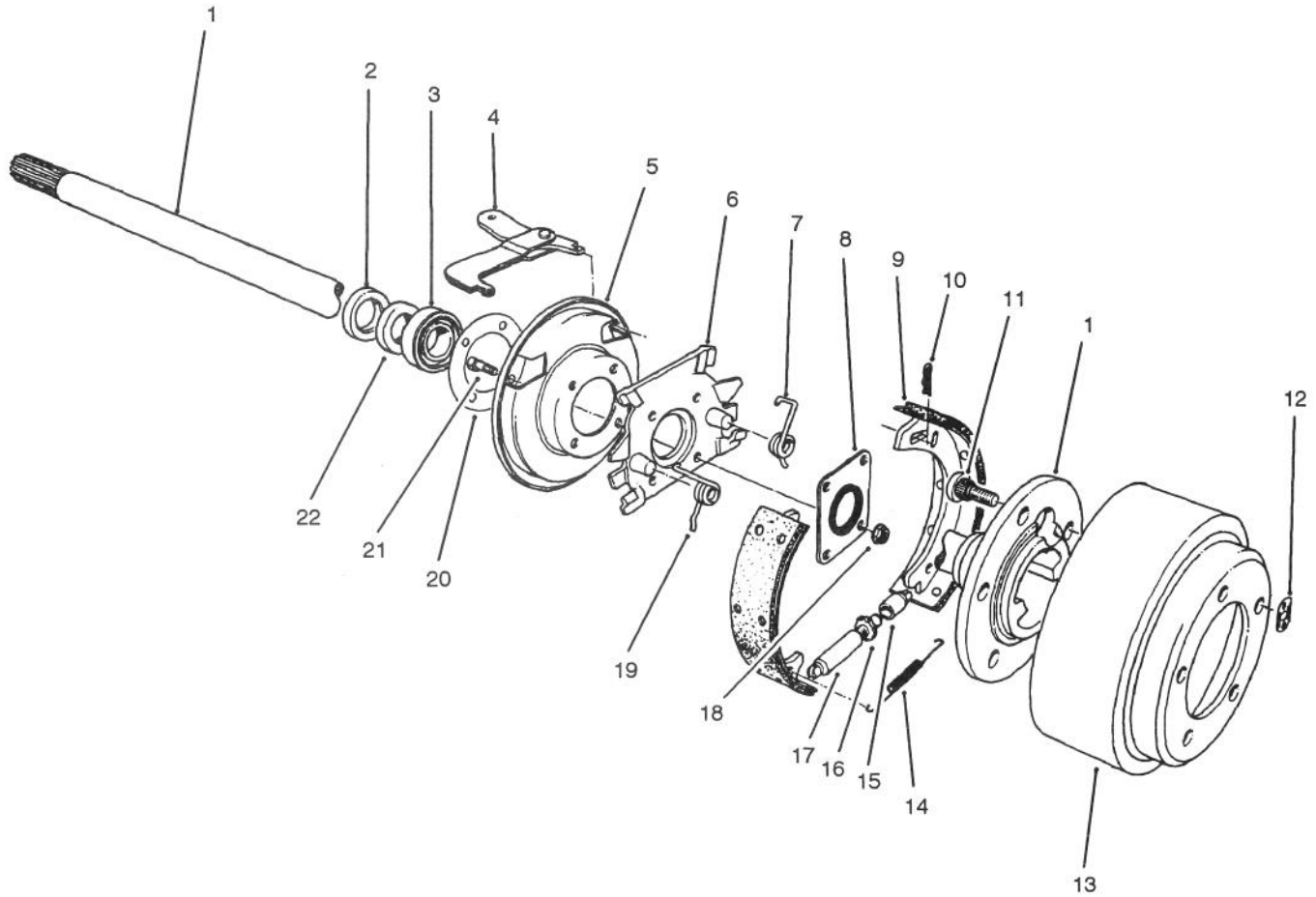


T-0919

## DIFFERENTIAL ASSEMBLY NO. 86-9600 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
*22	46-2411	Shim - Front Pinion Bearing (.064)	A/R	23	254-91	Bearing Cone	1
*	46-2412	Shim - Front Pinion Bearing (.066)	A/R	24	254-90	Bearing Cup	1
*	46-2413	Shim - Front Pinion Bearing (.068)	A/R	25	21-8020	Spacer - Pinion Bearing	1
*	46-2414	Shim - Front Pinion Bearing (.070)	A/R	26	86-9580	Upper Housing (Incl. Ref. #11)	1
*	46-2415	Shim - Front Pinion Bearing (.072)	A/R	27	254-66	Cup - Tapered Bearing	2
*	46-2416	Shim - Front Pinion Bearing (.074)	A/R	28	254-65	Cone - Tapered Bearing	2
*	46-2420	Shim - Front Pinion Bearing (.076)	A/R	29		Ring Gear	1
*	46-2421	Shim - Front Pinion Bearing (.078)	A/R	30	32121-15	Roll Pin	1
*	46-2422	Shim - Front Pinion Bearing (.080)	A/R	31	21-7700	Pinion Mate Shaft	1
*	46-2423	Shim - Front Pinion Bearing (.082)	A/R	32	21-7770	Drive Gear Screw	5
*	46-2424	Shim - Front Pinion Bearing (.084)	A/R	33	21-7670	Differential Case	1
*22	46-2425	Shim - Front Pinion Bearing (.086)	A/R	34	43-6840	Lower Housing	1
*	46-2426	Shim - Front Pinion Bearing (.088)	A/R	35	21-8120	Adjustment Shim .030	A/R
				36	21-8110	Adjustment Shim .010	A/R
				37	21-8100	Adjustment Shim .005	A/R
				38	21-8090	Adjustment Shim .003	A/R
				39	72-9420	Vent Tube Assembly	1
				*	92-4903	Assy. - Upper Hsg., 2WD (Incl. Ref. #4-33 & 35-38)	1
				*	43-6510	Gear & Pinion Assembly (Incl. Ref. #8 & 29)	1

\*Not Illustrated



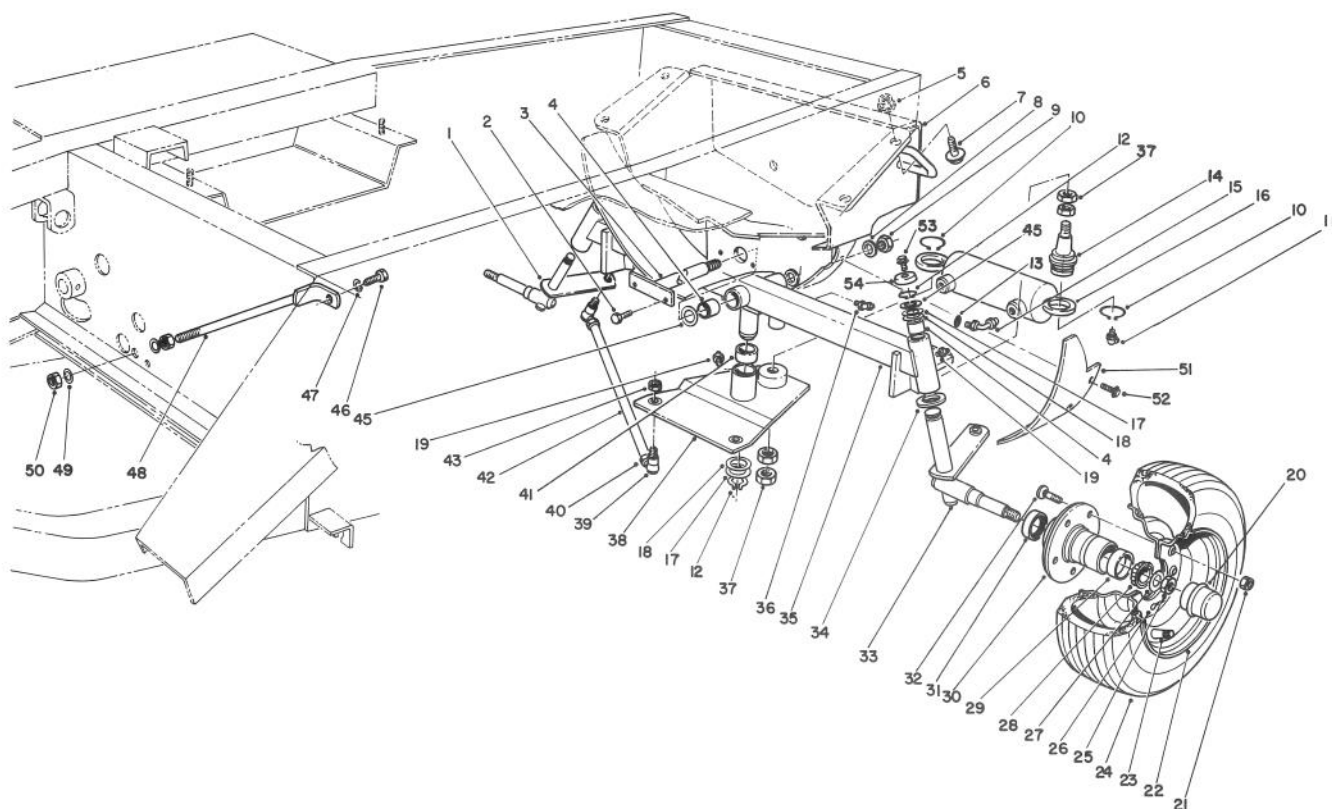
T-0421

## BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	28-0650	Flanged Axle Shaft	2
2	21-8330	Oil Seal	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	Oil Seal	2
9	84-8600	Shoe & Lining Assembly (Set of 4)	1
10	21-9460	Retainer - Brake Lever	4
11	242-34	Axle Flange Stud	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	92-8775	Gasket Kit - Wheel Bearing	1
21	24-8840	Ring - Wheel Bearing	2
22	28-0660	Screw - Cap, Hex. Hd.	8

†One Kit required to do both gaskets.

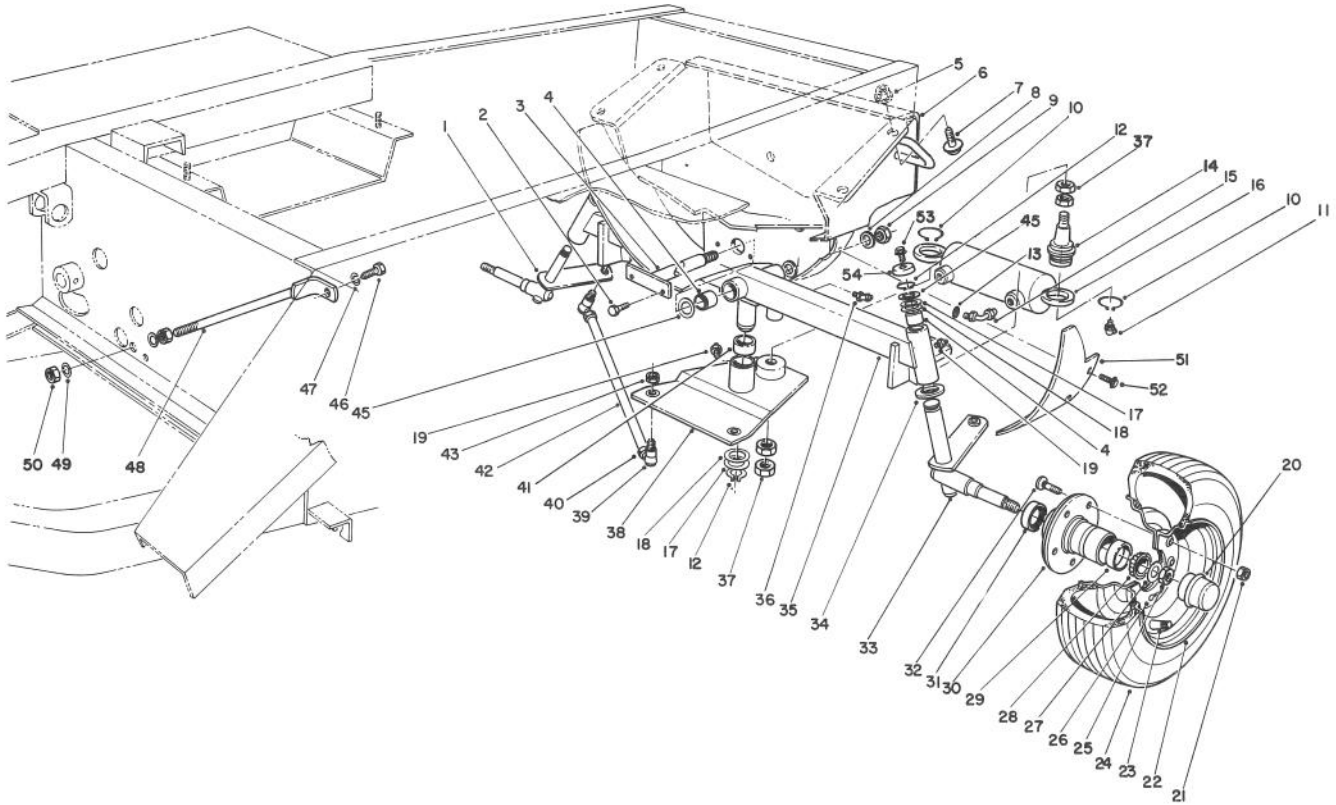


T-0422A

## REAR AXLE & WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-7825	Spindle Assembly R.H.	1	27	3256-28	Washer - Flat	2
2	3234-14	Screw - Cap, Hex Hd.	1	28	254-94	Cone - Bearing	4
3	92-7807	Pin - Rear Axle	1	29	254-72	Cup - Bearing	4
4	67-1750	Bushing	6	30	21-2820	Hub Wheel (Incl. Ref. #29 & 32)	2
5	32128-23	Nut - Lock, Flange	4	31	253-129	Closure	2
6	92-7803	Support - Axle	1	32	10-6830	Stud - Drive	10
7	3234-32	Screw - Cap, Hex Flange	4	33	92-7823	Spindle Assembly L.H.	1
8	71-4540	Washer - Thrust	A/R	34	256-121	Bushing - Thrust	2
9	32146-20	Nut - Lock	1	35	92-7816	Axle - Rear (Incl. Ref. #4)	1
10	32151-104	Ring - Retaining	2	36	302-11	Fitting - Grease	1
11	302-40	Fitting - Grease.	2	37	3220-6	Nut - Jam	4
12	32151-36	Ring - Retaining	3	38	92-7821	Steering Pivot (Incl. Ref. #41)	1
13	237-22	O-Ring	2	39	21-0141	Socket Assembly R.H. Thd.	2
14	92-5838	Ball Joint	2	*	21-0151	Socket Assembly L.H. Thd.	2
15	340-54	Fitting 45°	2	40	3220-5	Nut - Jam, R.H. Thd.	2
16	92-7828	Cylinder - Hydraulic	1	*	3220-12	Nut - Jam, L.H. Thd.	2
17	5-1226	Washer	3	41	256-242	Bushing	2
18	10-8110	Washer - Thrust	A/R	42	21-2000	Tie Rod	2
19	302-5	Fitting - Grease	3	43	3220-3	Nut - Jam	8
20	241-119	Dust Cap	2	45	56-2460	Washer	A/R
21	242-50	Nut - Wheel	10	46	323-6	Screw - Cap, Hex Hd.	1
22	217-106	Wheel	2	47	3253-21	Washer - Lock	1
23	232-31	Valve Stem w/Cap	2	48	24-9830	Support Axle	1
24	231-105	Tire	2				
25	32136-5	Nut - Slotted	2				
26	3272-13	Pin - Cotter	2				

\*Not Illustrated

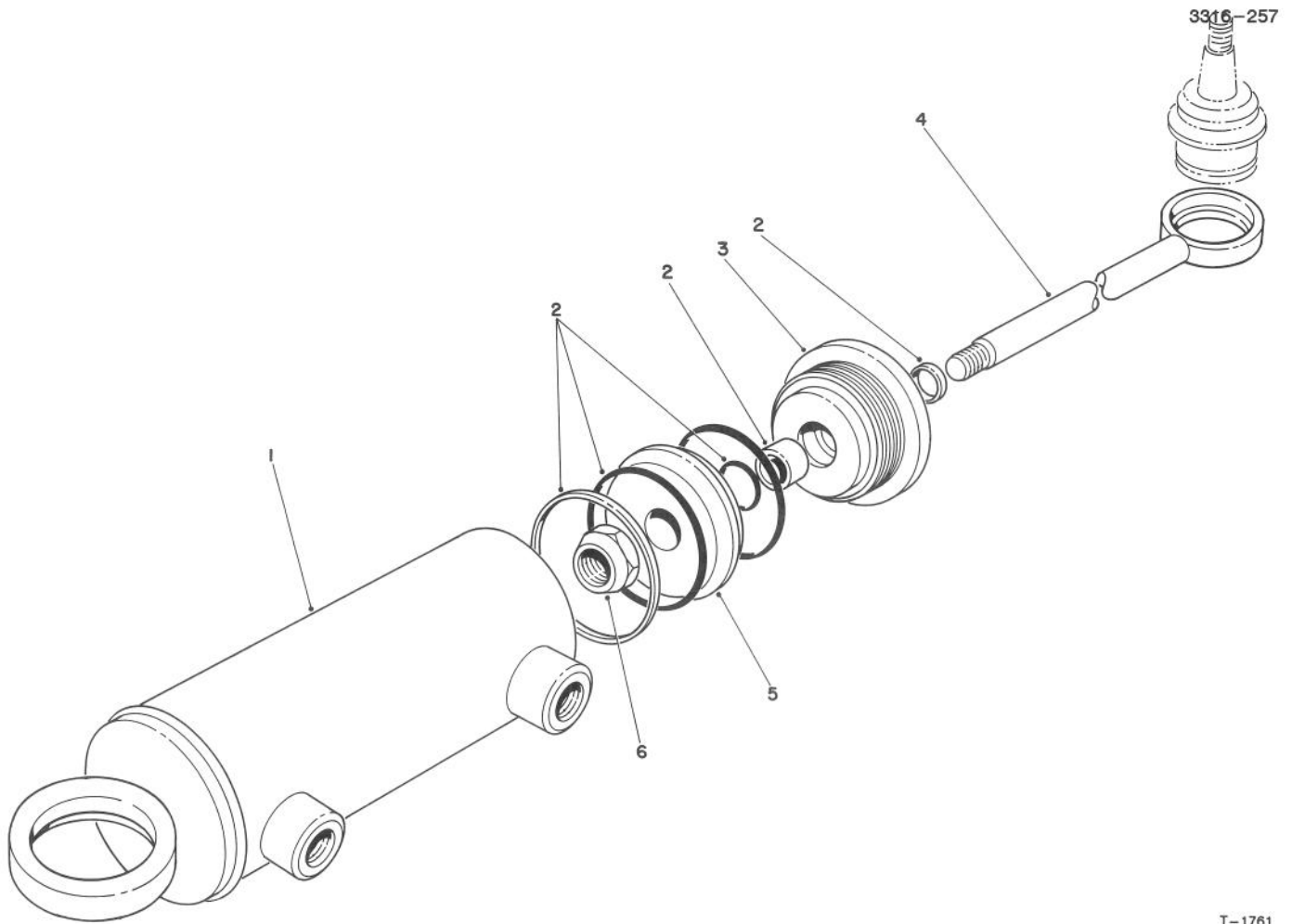


T-0422A

## REAR AXLE & WHEEL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
49	3256-6	Washer - Flat	2
50	3217-9	Nut	2
51	71-4850	Cover Flywheel Guard	1

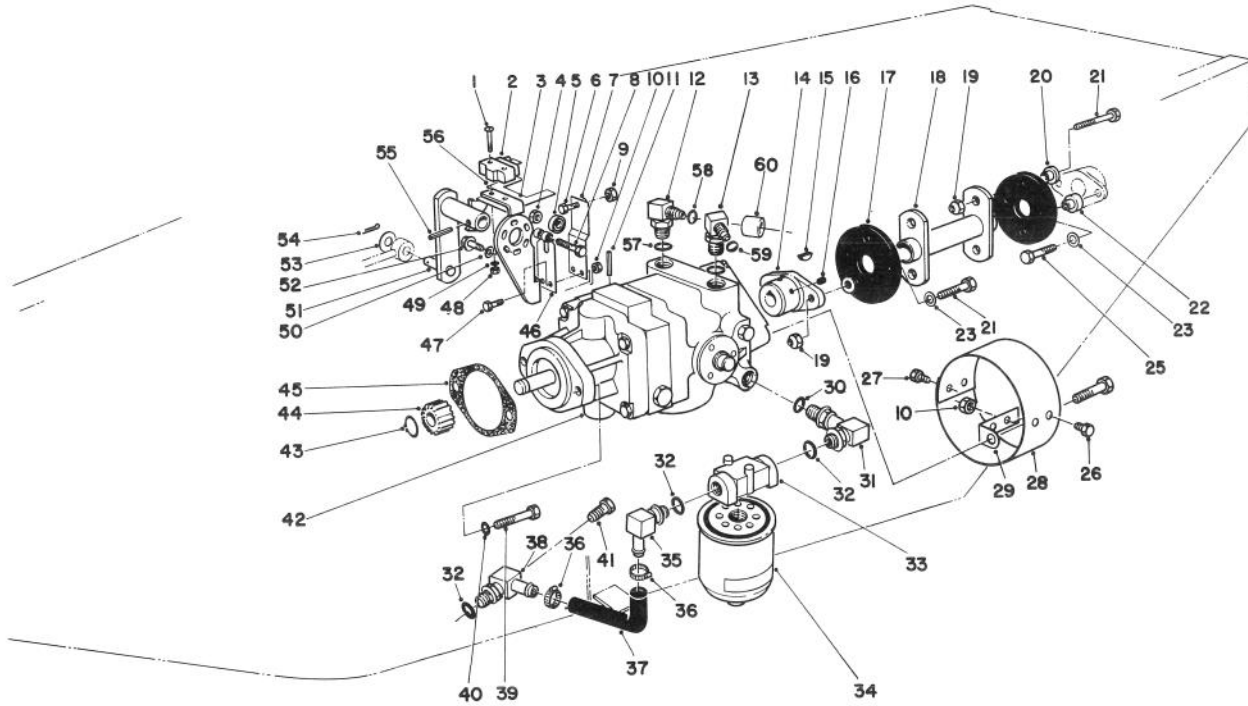
Ref. No.	Part No.	Description	No. Used
52	32144-10	Screw - Cap,Thd. Forming	2
53	3234-13	Screw	2
54	66-2990	Cap - Spindle	2



T-1761

## HYDRAULIC STEERING CYLINDER

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Tube Assembly	1	6	66-1930	Nut - Lock	1
2	92-6593	Seal Kit	1	*	92-7828	Cylinder - Hyd. Steering (Incl. Ref. #1-6)	1
3	92-6588	Gland	1				
4		Piston Rod Assembly	1				
5	66-1940	Piston	1				



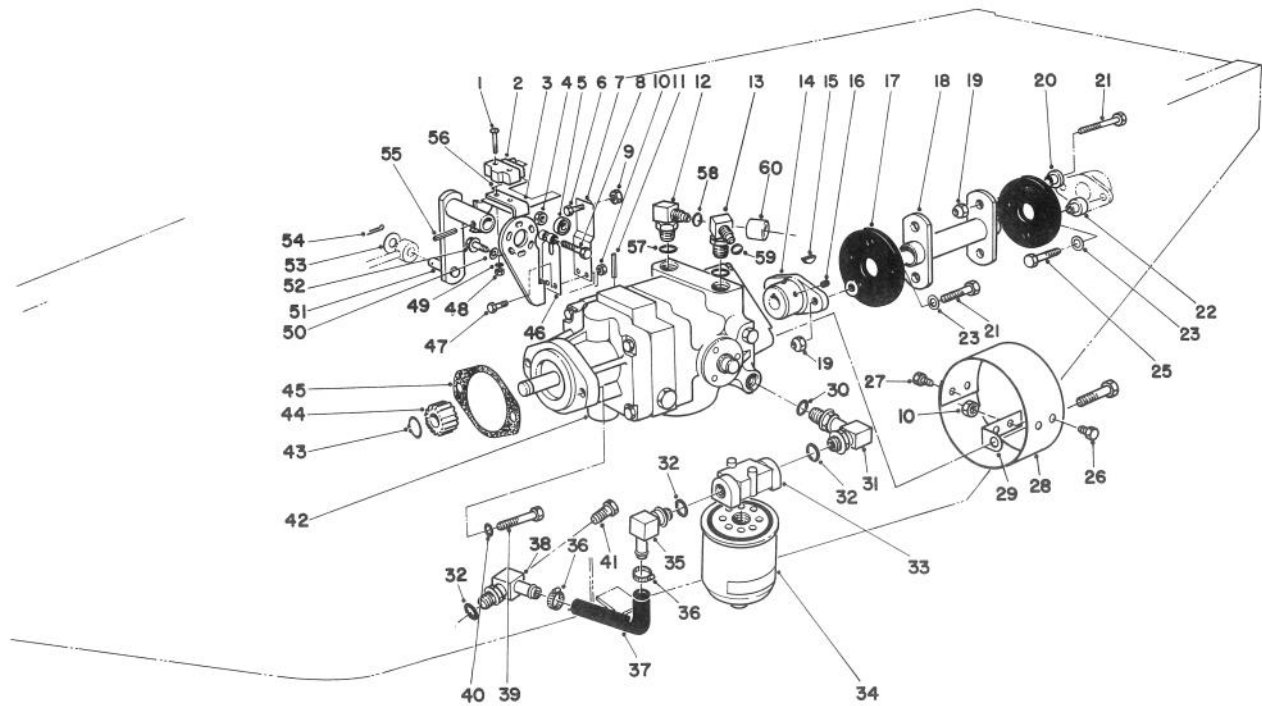
T-0424A

## HYDROSTATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used
1	3249-11	Screw - Mach. Rd. Hd.	2
2	29-6163	Micro Switch	1
3	29-6120	Pump Plate	1
4	3296-29	Nut - Lock	1
5	251-259	Ball Bearing	1
6	3210-7	Screw - Cap, Hex. Hd.	1
7	29-6170	Extended Leaf Spring	1
8	322-17	Screw - Cap, Hex. Hd.	1
9	3219-2	Nut - Hex	1
10	3296-42	Nut - Lock	6
11	32121-6	Pin - Roll	1
12	340-77	Elbow	1
13	340-99	Elbow	1
14	33-4380	Pump Hub	1
15	3257-32	Woodruff Key	1
16	3241-5	Screw - Set, Sq. Hd.	2
17	44-2230	Rubber Coupling	2
18	46-6390	Drive Coupling	1
19	32152-1	Nut - Lock	8
20	27-6600	Spacer - Rubber Coupling	6
21	322-6	Screw - Cap, Hex. Hd.	6
22	27-6590	Spacer - Rubber Coupling	2
23	3256-3	Washer - Flat	4
25	322-8	Screw - Cap, Hex. Hd.	2
26	321-2	Screw - Cap, Hex. Hd.	2
27	321-4	Screw - Cap, Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
28	54-9300	Cover	1
29	54-9290	Bracket	2
30	237-80	O-Ring	1
31	68-8660	Elbow	1
32	237-81	O-Ring	3
33	68-8990	Head - Filter	1
34	23-9740	Oil Filter	1
35	353-987	Elbow	1
36	2412-34	Clamp - Hose	2
37	68-9650	Hose - Axle	1
38	70-2620	Elbow - 90°	1
39	323-7	Capscrew	2
40	3253-21	Washer - Lock	2
41	353-508	Plug - Drain	1
42	92-8947	Transmission - Inline	1
43	32120-72	Ring - Retaining External	1
44	86-7220	Gear Transmission Output	1
45	41-8760	Gasket Transmission	1
46	29-6150	Leaf Spring	1
47	321-6	Screw - Cap, Hex. Hd.	2
48	3217-16	Nut - Hex.	2
49	3254-9	Washer - Lock	2
50	3255-7	Washer - Lock	3
51	28-9570	Pump Lever	1
52	11-9760	Screw - Self Tapping	3
53	3256-6	Washer - Flat	1

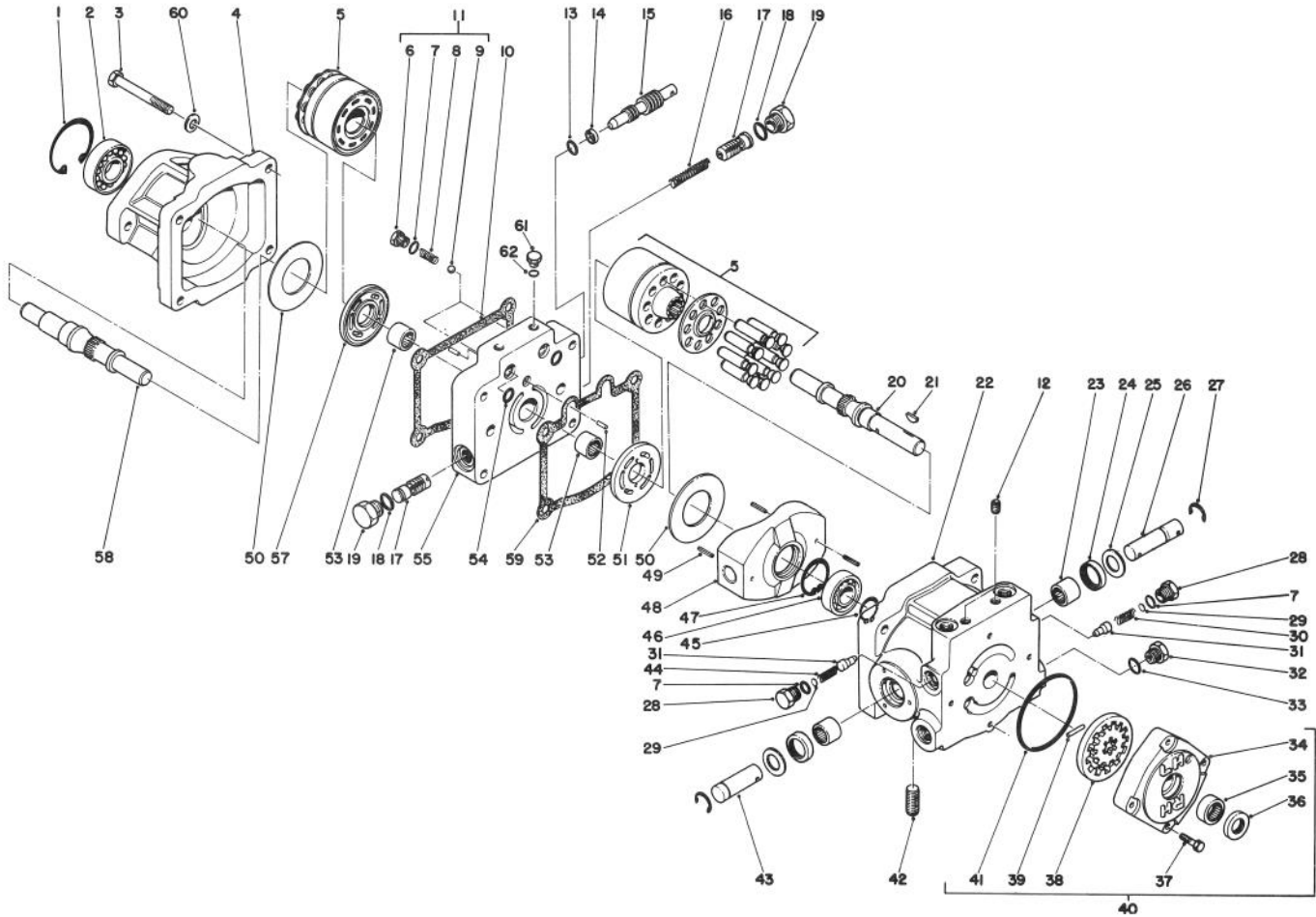




T-0424A

## HYDROSTATIC TRANSMISSION (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
54	3272-10	Cotter Pin	1	58	237-22	O-Ring	1
55	32121-24	Pin - Roll	1	59	237-30	O-Ring	1
56	46-8810	Stop - Leaf Spring	1	60	38-3400	Guard - Rubber	1
57	237-42	O-Ring	2				

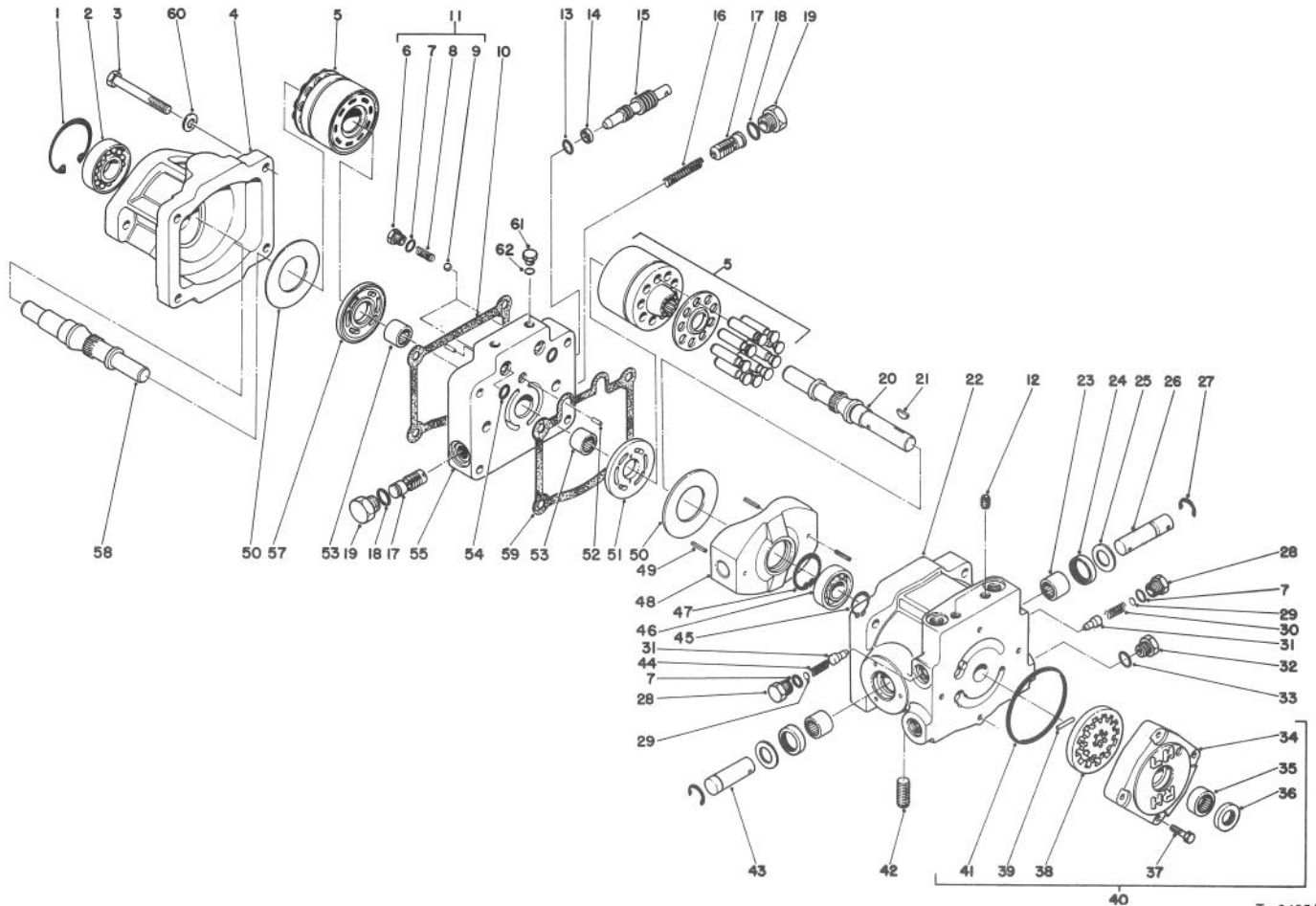


T-0425A

## TRANSMISSION ASSEMBLY NO. 92-8947

Ref. No.	Part No.	Description	No. Used
1	32120-8	Retaining Ring	1
2	72-3750	Ball Bearing	1
3	323-13	Screw - Cap, Hex. Hd.	4
4	67-9080	Motor Housing	1
5	48-1800	Cylinder Block Kit	2
6	25-2650	Check Valve Plug	2
7	237-86	O-Ring	4
8	25-2640	Valve Spring	2
9	25-2490	Ball	2
10	67-9100	Gasket	1
11	25-3180	Check Valve Kit (Incl. Ref. #6-9)	2
12	285-17	Pipe Plug	4
13	237-22	O-Ring	1
14	25-2630	Back-Up Ring	1
15	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	Woodruff Key	1
22	54-7890	Pump Housing (Incl. Ref. #12 & 23-25)	1
23	252-82	Needle 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	Retaining Ring	2
28	25-2460	Plug - Hex. Hd.	2
29	25-2470	Shim Pack	2
30	25-2570	Valve Spring	1
31	83-7260	Relief Valve Cone	2
32	353-551	Plug - Hex. Hd.	1
33	237-80	O-Ring	1
34	25-2550	Charge Pump Housing	1
35	67-8050	Needle Bearing	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	Retaining Ring	1
46	251-8	Ball Bearing	1
47	32120-11	Retaining Ring	1
48	25-2450	Variable Swashplate	1
49	32121-91	Pin - Coil Spring	3

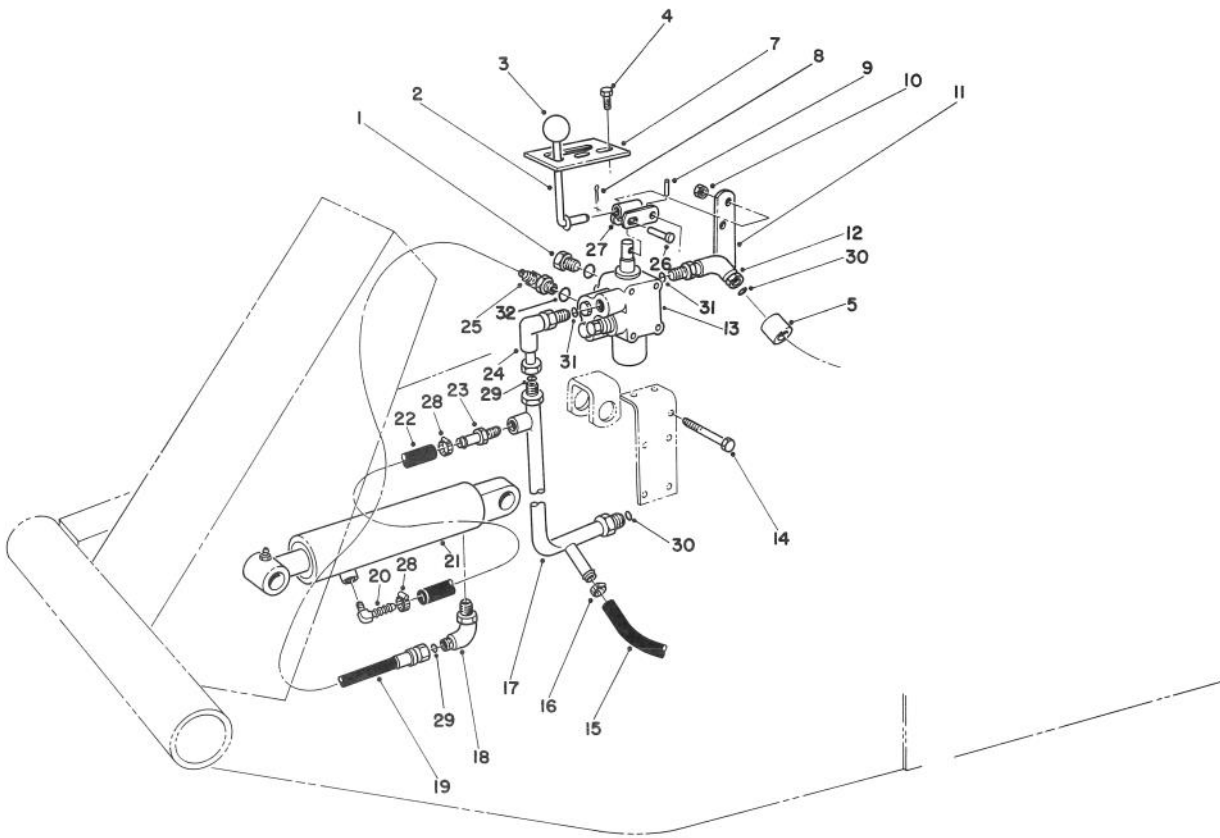


T-0425A

## TRANSMISSION ASSEMBLY NO. 92-8947 (Continued)

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

Ref. No.	Part No.	Description	No. Used
58	46-8410	Motor Shaft	1
59	25-2400	Gasket	1
60	74-9510	Washer	4
61	92-8776	Plug (Incl. Ref. #62)	4
62	92-8777	O-Ring	4



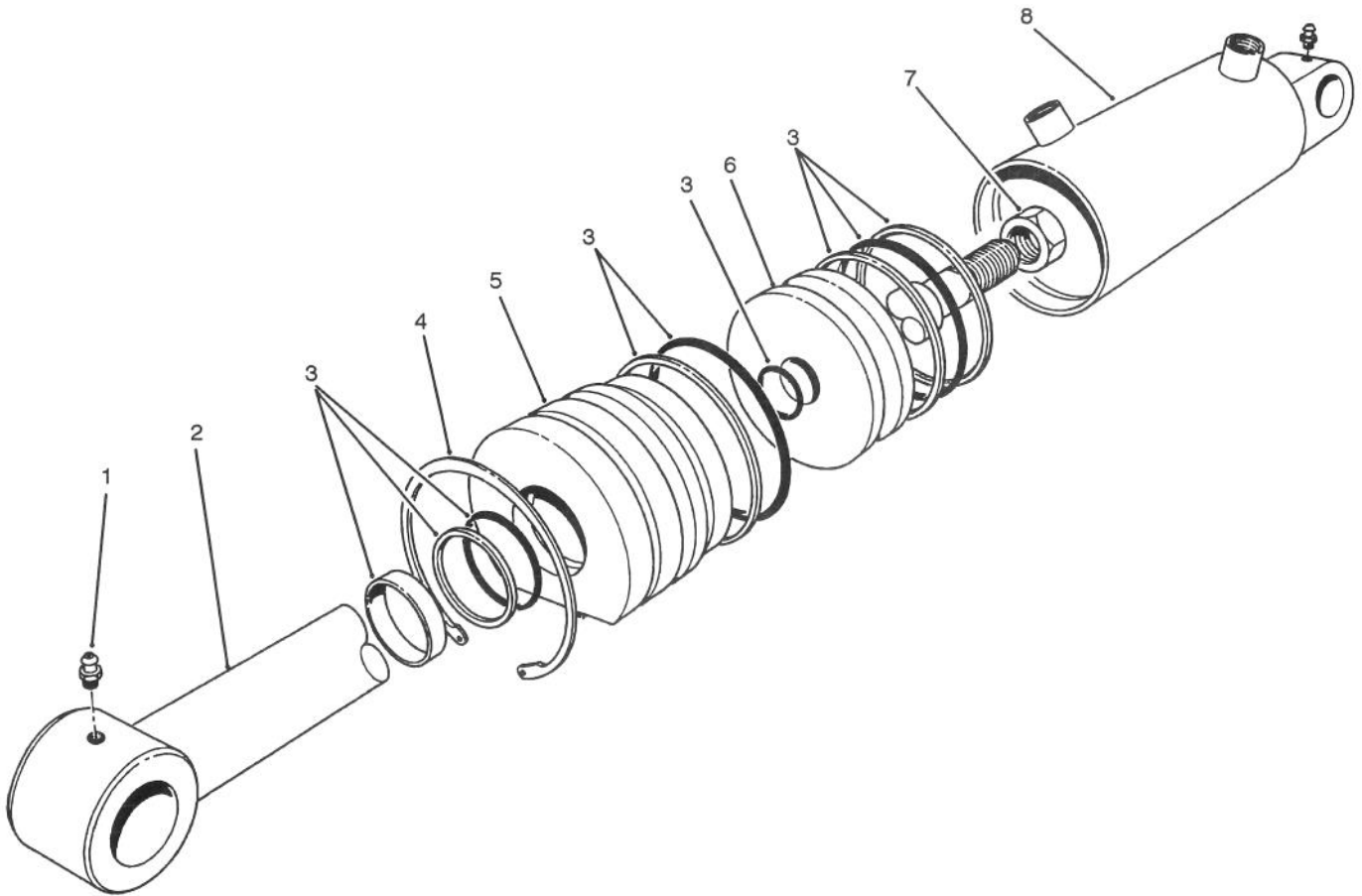
T-0426A

## 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
5	38-3400	Guard - Rubber	1
7	21-8640	Latch Valve Lever	1
8	3272-6	Cotter Pin	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	92-7833	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	92-7834	Line - Hose	1
23	304-73	Fitting - Straight Barb	1
24	340-110	Elbow - 90°	1
25	340-97	Fitting - 90°	1
26	283-17	Pin	1
27	21-8590	Link - Valve Lever	1
28	2412-108	Clamp - Hose	2
29	237-22	O-Ring	2
30	237-30	O-Ring	2
31	237-42	O-Ring	2
32	237-78	O-Ring	2

\*Not Illustrated



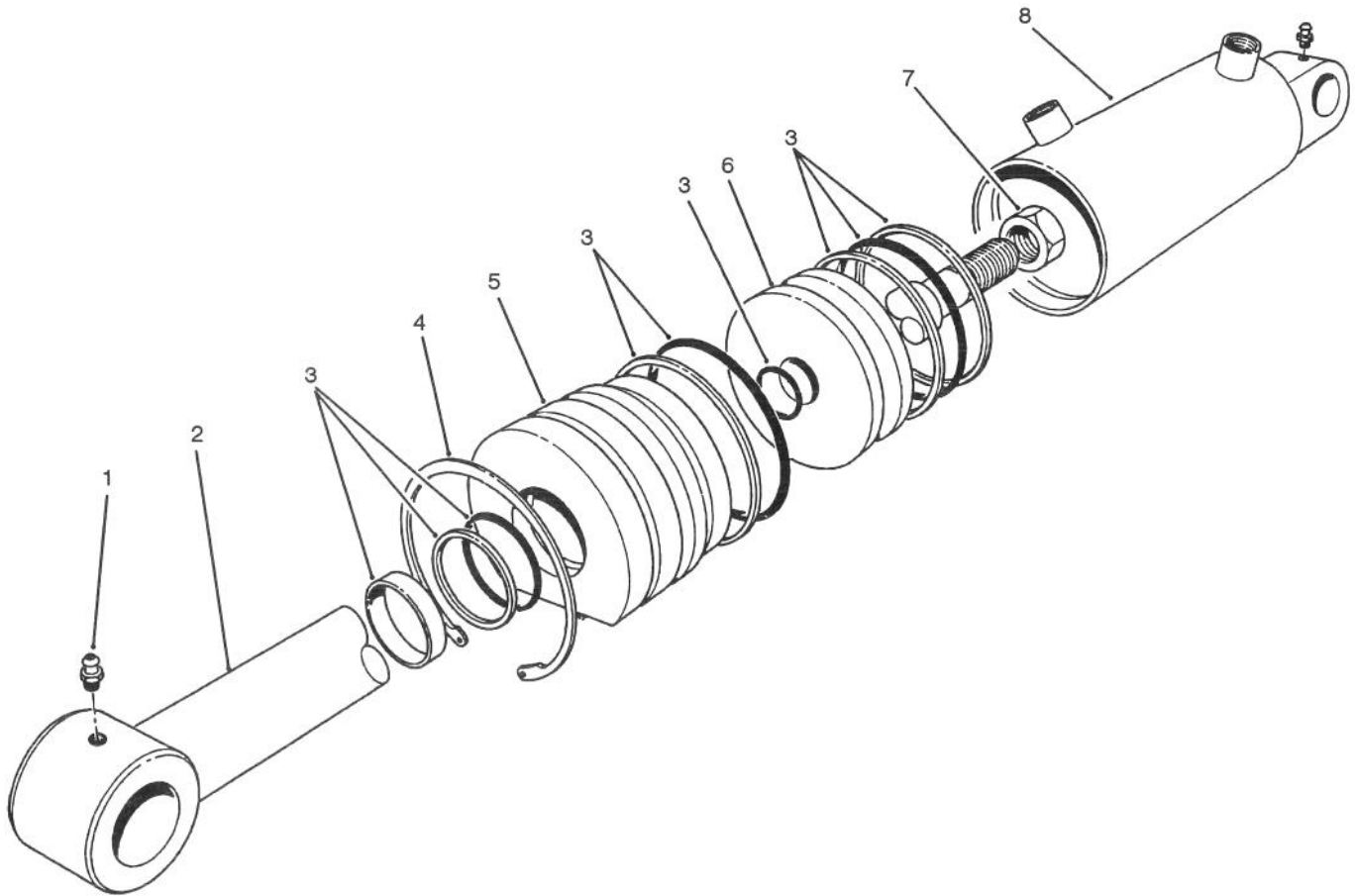
T-0527

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

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

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

\*Not available separately.



T-0527

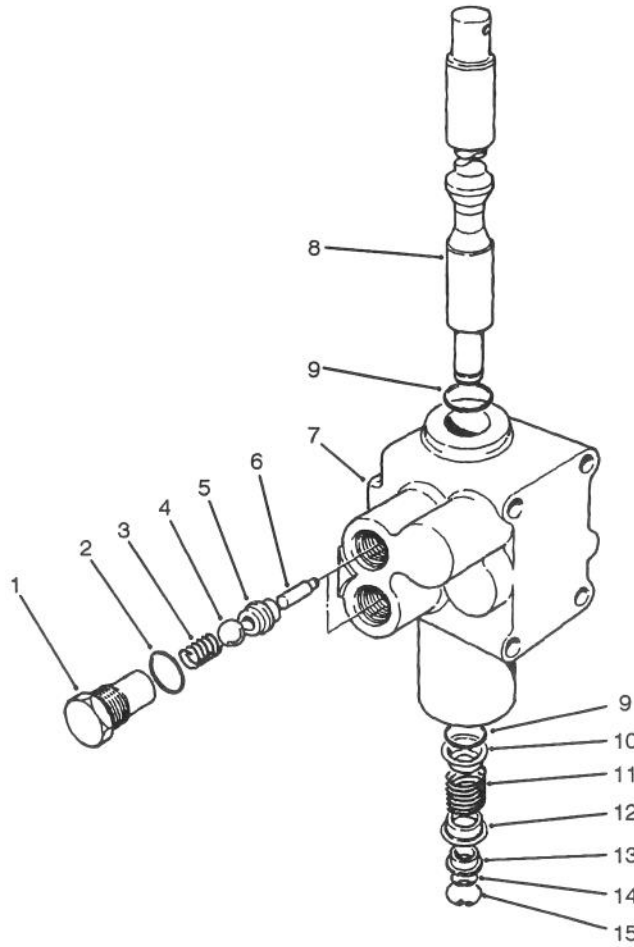
## HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 66-1250 (3" Bore)

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

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

\*Not available separately.



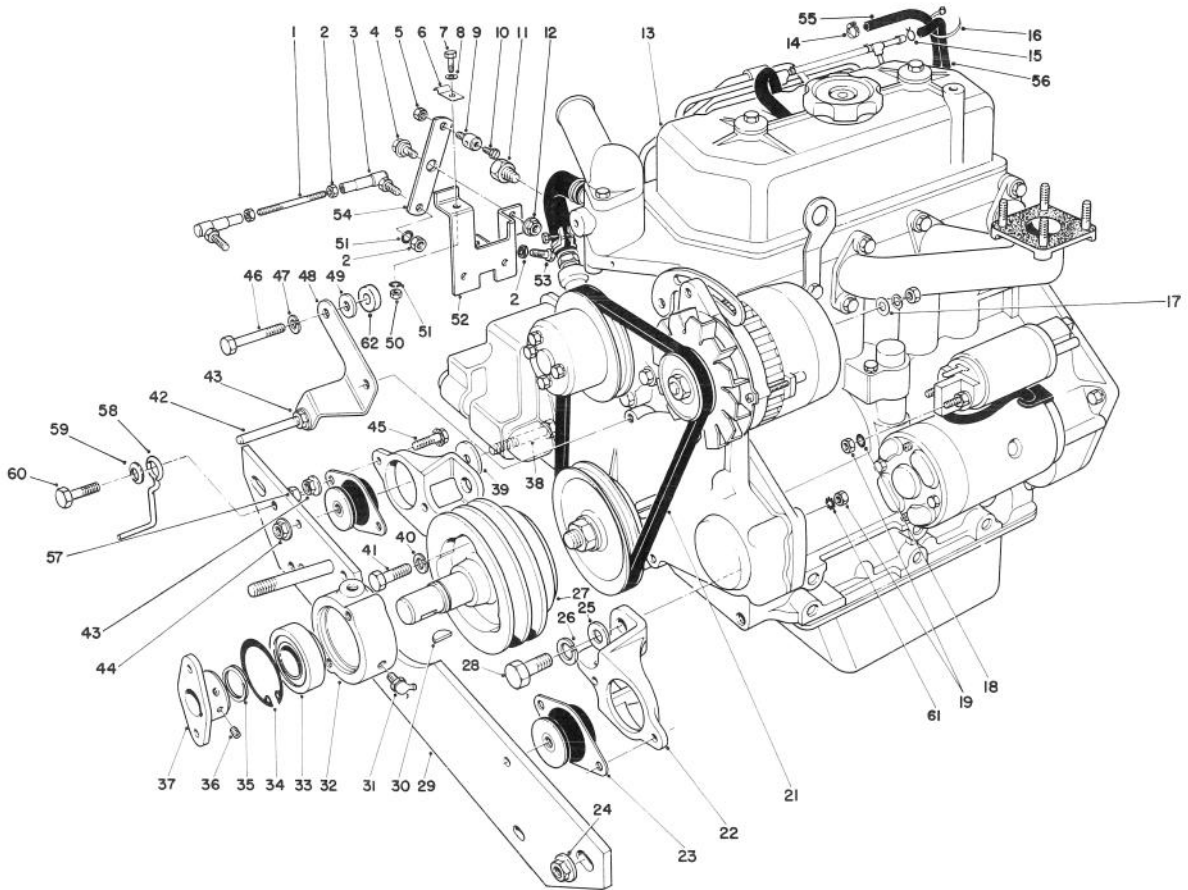


T-0428

### 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

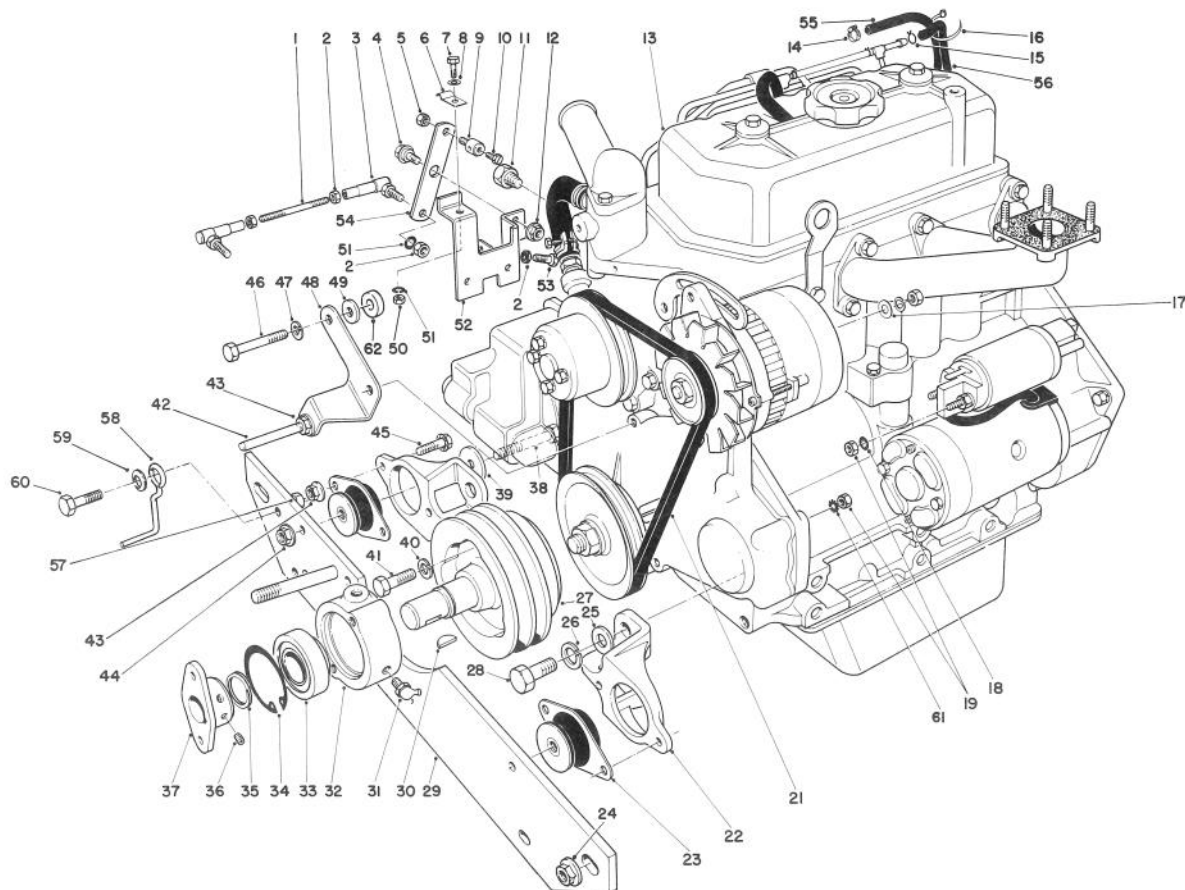
Ref. No.	Part No.	Description	No. Used
8	22-8420	Spool	1
10	22-8380	Spring Retainer	1
11	22-8410	Spring	1
12	22-8390	Spring Retainer	1
13	22-8400	Spacer Float	1
14	22-8480	Spring Ring Spool	1
15	22-8490	Snap Ring	1



T-0429

## ENGINE ASSEMBLY

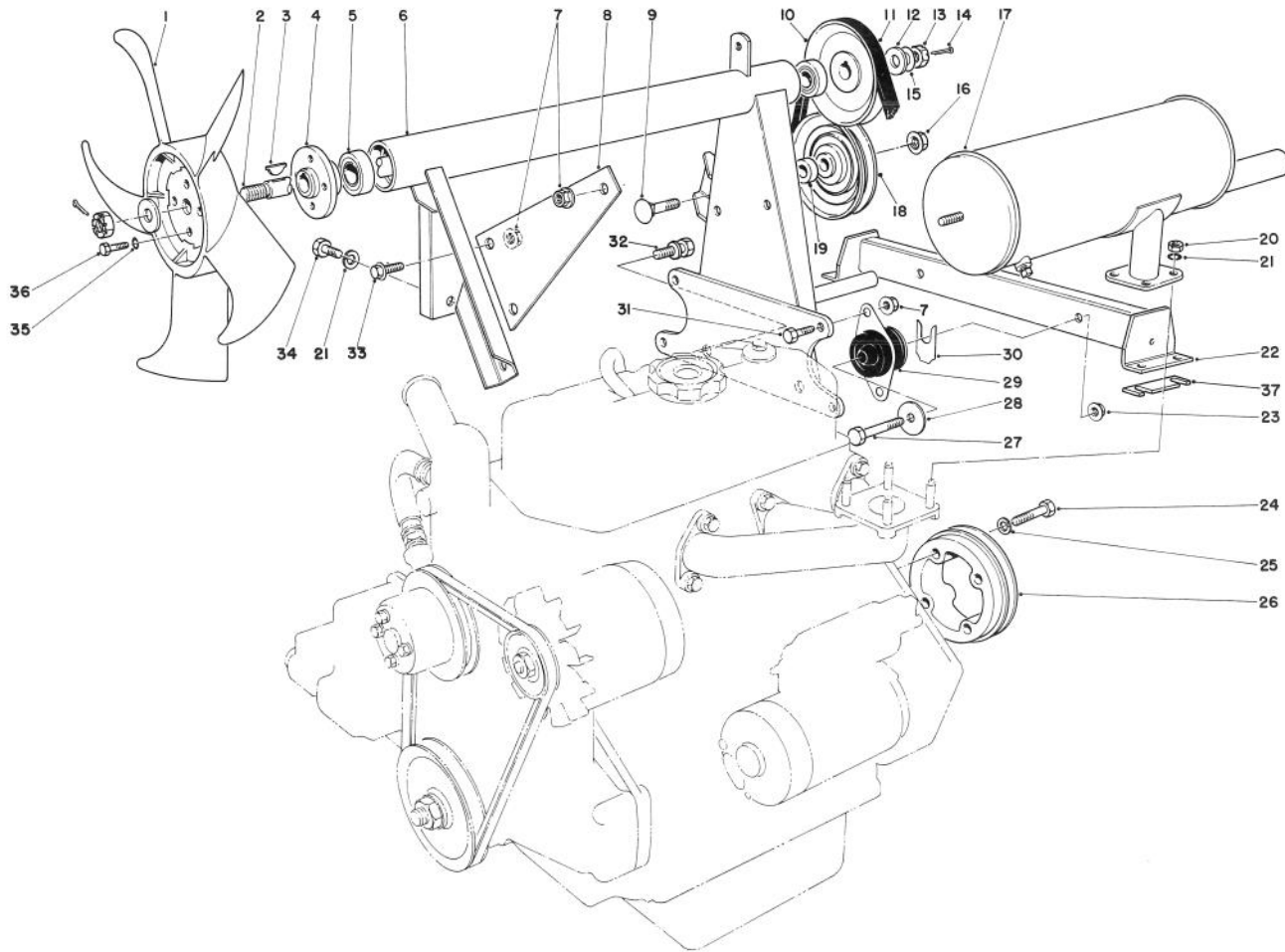
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-3770	Link - Throttle	1	28	43-3210	Screw - Cap, Hex. Hd.	4
2	3219-1	Nut	5	29	75-9900	Engine Support - Front	1
3	18-1720	Ball Joint Assembly	2	30	3257-33	Key Woodruff	1
4	37-8770	Bolt - Shoulder	1	31	302-10	Grease Fitting	1
5	3296-20	Nut - Lock	1	32	43-3720	Collar - Bearing	1
6	2412-31	Clamp - Bodine	1	33	251-252	Ball Bearing	1
7	321-4	Screw - Cap, Hex. Hd.	1	34	32120-22	Ring - Retaining, Internal	1
8	3256-22	Washer - Flat	1	35	32120-69	Ring - Retaining, External	1
9	43-3780	Swivel - Throttle Control	1	36	3245-5	Screw - Set, Socket Head	2
10	25-8640	Screw - Machine	1	37	27-1960	Hub - Engine	1
11	43-1940	Adapter - Temp. Gauge	1	38	324-12	Screw - Cap, Hex. Hd.	2
12	32152-1	Nut - Lock, Flange	1	39	53-9480	Washer	2
13	43-1440	Engine	1	40	42-9600	Washer - Lock	3
14	2412-108	Clamp - Worm Drive	1	41	43-3190	Screw - Cap, Hex. Hd.	3
15	2412-79	Clamp	1	42	21-1820	Stud - Belt Retainer	2
16	3290-379	Cable Tie	1	43	3290-357	Nut - Lock, Flange	7
17	5-3637	Washer	1	44	32128-37	Nut - Lock, Flange	2
18	3254-2	Washer - Lock, Int. Tooth	2	45	3234-11	Screw - Cap, Hex. Hd.	4
19	42-9580	Nut	2	46	42-9510	Screw - Cap, Hex. Hd.	2
21	42-9100	Belt Fan	1	47	3253-4	Washer - Lock	2
22	53-9710	Engine Mount	2	48	43-3790	Bracket Belt Guide	1
23	53-9680	Engine Mount - Rubber	2	49	4-2390	Washer	2
24	32128-23	Nut - Lock, Flange	2	50	3217-5	Nut	1
25	3256-64	Washer - Flat	4	51	3253-3	Washer - Lock	3
26	43-5950	Washer - Lock	4	52	43-3730	Bracket Throttle Control	1
27	43-3510	Pulley - Engine	1	53	329-7	Screw - Cap, Hex. Hd.	1



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## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
54	43-3760	Lever Throttle	1	59	3290-224	Washer - Lock	1
55	47-7420	Hose	1	60	3234-18	Screw - Cap, Hex. Hd.	1
56	43-4230	Hose	1	61	3255-9	Washer - Lock External	1
57	32153-2	Nut - Lock	1	62	5-0652	Spacer	2
58	63-1400	Belt Guide	1				

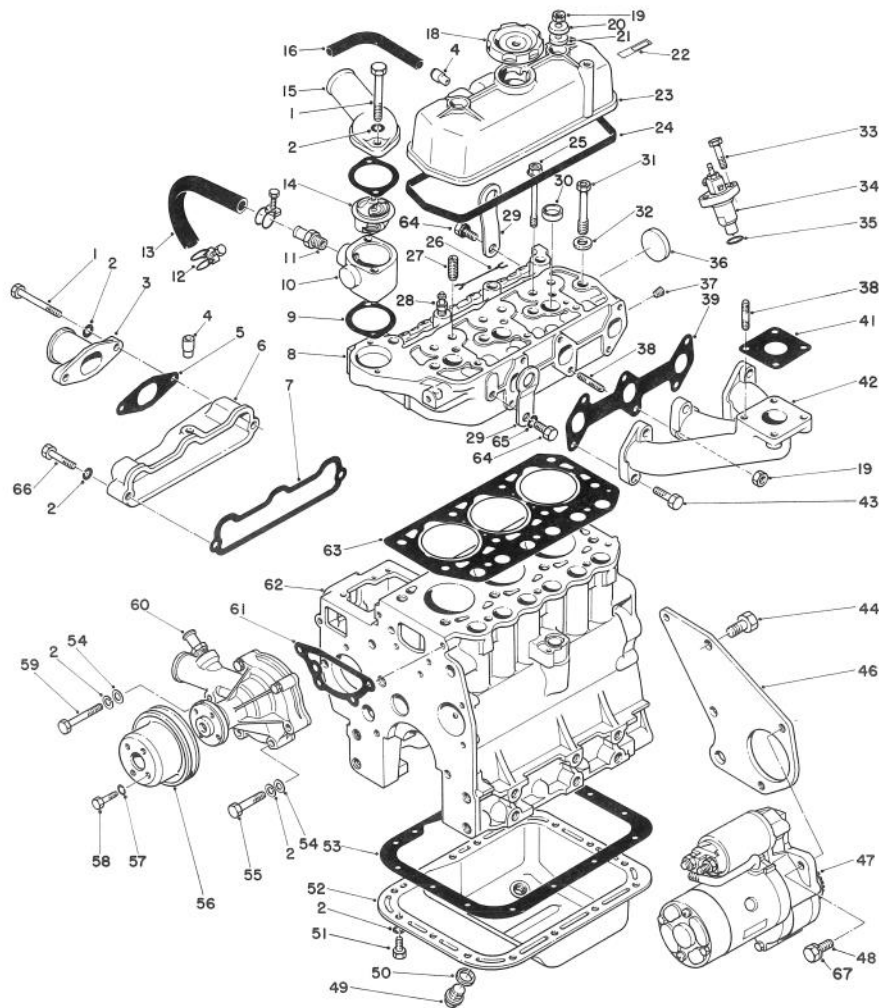


T-0430A

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-1910	Fan - Cooling	1	21	3253-4	Washer - Lock	5
2	43-3690	Fan - Shaft	1	22	77-3140	Engine Mount	1
3	3257-30	Key - Woodruff	2	23	32128-37	Nut - Lock, Flange	2
4	43-3700	Hub - Fan	1	24	43-3200	Screw - Cap, Hex. Hd.	4
5	38-7820	Bearing	2	25	42-9600	Washer - Lock	4
6	53-9750	Fan Mount	1	26	43-3530	Pulley Flywheel	1
7	3290-357	Nut - Lock, Flange	8	27	324-11	Screw - Cap, Hex. Hd.	2
8	43-3870	Support - Muffler	1	28	53-9480	Washer	2
9	3233-14	Bolt - Carriage	1	29	53-9680	Engine Mount - Rubber	2
10	43-3880	Pulley	1	30	42-6080	Shim	A/R
11	43-5910	V-Belt	1	31	3234-11	Screw - Cap, Hex. Hd.	4
12	29-8910	Washer	2	32	66-7030	Screw - Cap, w/Washer	2
13	32136-3	Nut - Hex. Slotted	2	33	3234-12	Screw - Lock, Flange	2
14	3272-16	Cotter Pin	2	34	42-9230	Screw - Cap, Hex. Hd.	1
15	3-6803	Washer	A/R	35	3253-3	Washer - Lock	4
16	32128-23	Nut - Lock, Flange	1	36	321-3	Screw - Cap, Hex. Hd.	4
17	43-3850	Muffler	1	37	68-9110	Shim	A/R
18	66-5310	Idler Pulley	1	*	68-9111	Shim	A/R
19	66-5320	Spacer	1	*	68-9112	Shim	A/R
20	42-9580	Nut	4				

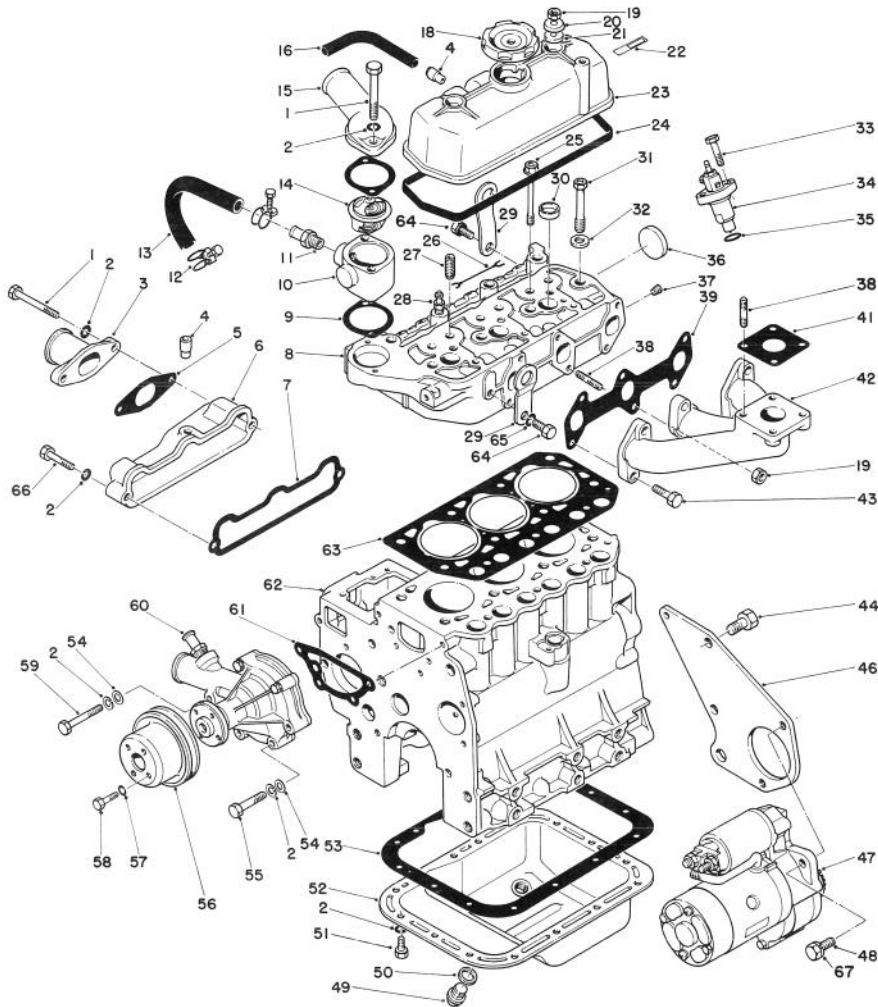
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## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-9310	Screw - Cap Hex. Hd.	4	26	42-9180	Wire - Glow Plug Lead	2
2	42-9850	Washer - Lock	24	27	42-7460	Guide - Valve	6
3	42-9150	Pipe Inlet	1	28	42-7480	Glow Plug	3
4	42-7510	Pipe	2	29	42-7440	Hanger - Engine	2
5	42-9160	Gasket - Inlet Pipe	1	30	42-7080	Cap - Sealing (25)	3
6	42-9120	Assembly - Intake Manifold	1	31	42-9320	Bolt - Cylinder Head (12 x 98)	8
7	42-9140	Gasket - Intake Manifold	1	32	42-9790	Washer - Head Bolt	8
8	72-4290	Assembly - Head, Cylinder	1	33	42-9390	Bolt (8 x 32)	6
9	42-7550	Gasket	2	34	44-8070	Nozzle & Holder Assembly	3
10	43-1790	Fitting - Thermostat	1	35	42-8120	Gasket - Nozzle Holder	3
11	42-7740	Nipple - Hose	1	36	42-7090	Cap - Sealing (45)	1
12	43-3140	Clamp - Hose	2	37	42-7410	Plug - Taper 1/8	1
13	43-3130	Hose - Water (Incl. Ref. #12)	1	38	42-9570	Stud (8 x 25)	5
14	43-1780	Thermostat	1	39	42-9170	Gasket - Exhaust Manifold	1
15	42-7540	Fitting - Water Outlet	1	41	42-9110	Gasket	1
16	42-7430	Pipe - Air Breather	1	42	43-1870	Manifold - Exhaust	1
18	42-7420	Cap - Oil Filter	1	43	42-9520	Screw - Cap (8 x 30)	5
19	42-9580	Nut (8)	3	44	42-9240	Screw - Cap (12 x 28)	3
20	42-9800	Washer	2	46	43-1770	Plate - Rear	1
21	42-7490	Seal - Oil	2	47	46-7610	Assembly - Starter	1
22		Label - Engine No.	1	48	43-0090	Screw - Cap (10 x 25)	2
23	42-7500	Assembly - Cover, Rocker	1	49	42-9260	Plug - Oil Drain	1
24	42-7520	Gasket - Rocker Cover	1	50	42-7290	Gasket - Oil Drain Plug (18)	1
25	42-9330	Bolt - Cylinder Head (10 x 90)	3	51	42-9230	Screw - Cap (8 x 16)	15



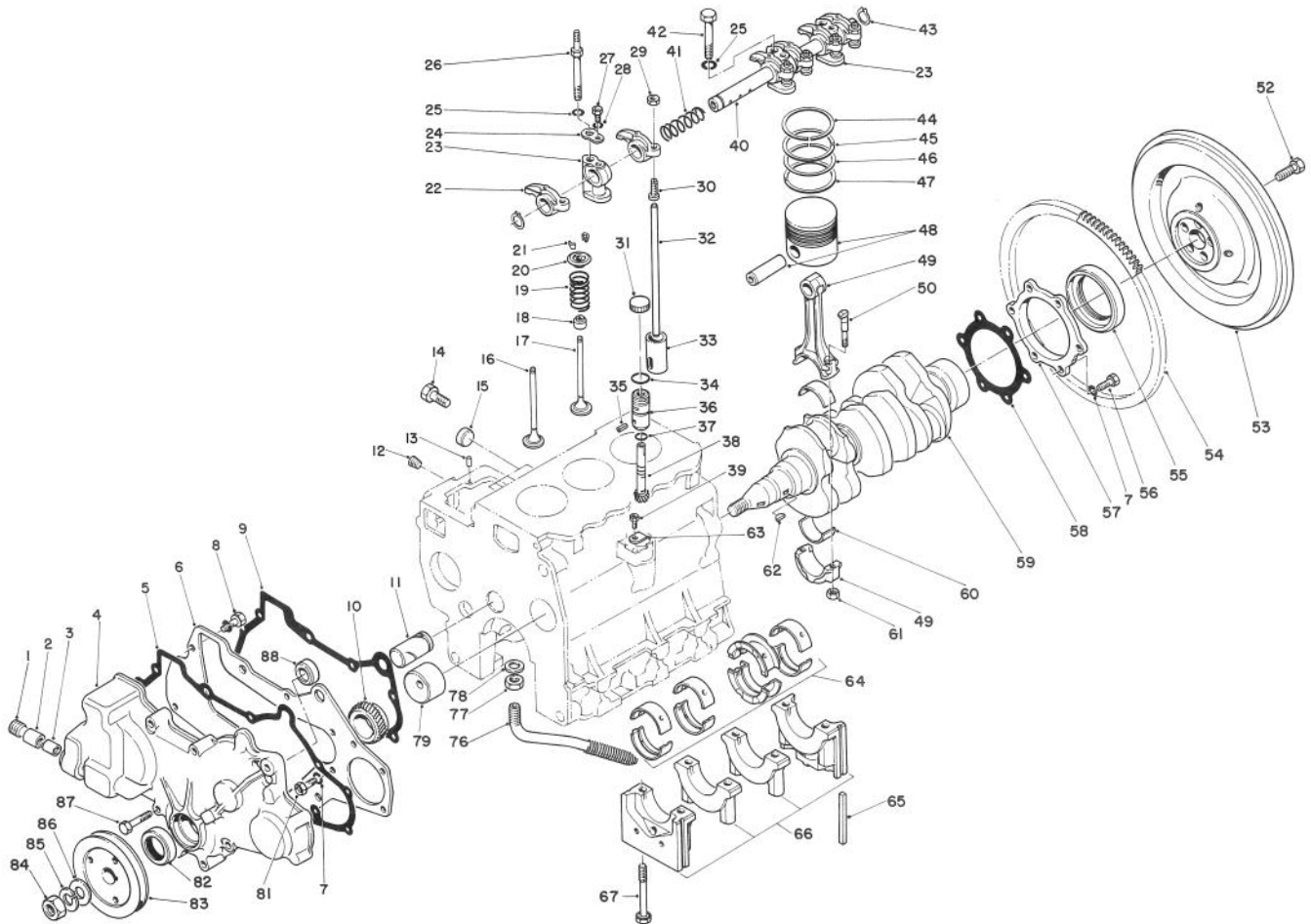
T-0431

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	42-7280	Oil Pan Assembly (Inc. Ref. #49 & 50)	1	60	42-9080	Water Pump Assembly	1
53	42-7300	Gasket - Oil Pan	1	61	42-9090	Gasket - Water Pump	1
54	42-9660	Washer - Plain (8)	4	62	48-2020	Cylinder Block Sub Assy.	1
55	42-9500	Screw - Cap (8 x 45)	3	63	42-7470	Gasket - Cylinder Head	1
56	42-9070	Pulley - Water Pump	1	64	42-9300	Screw - Cap (10 x 20)	2
57	43-5930	Washer - Lock	4	65	42-9600	Washer - Lock	2
58	42-9490	Screw - Cap (6 x 12)	4	66	42-9530	Screw - Cap (8 x 40)	1
59	42-9510	Screw - Cap (8 x 60)	1	67	42-9600	Washer - Lock	2
				*	42-9200	Complete Gasket Set	1

\*Not Illustrated





T-0432A

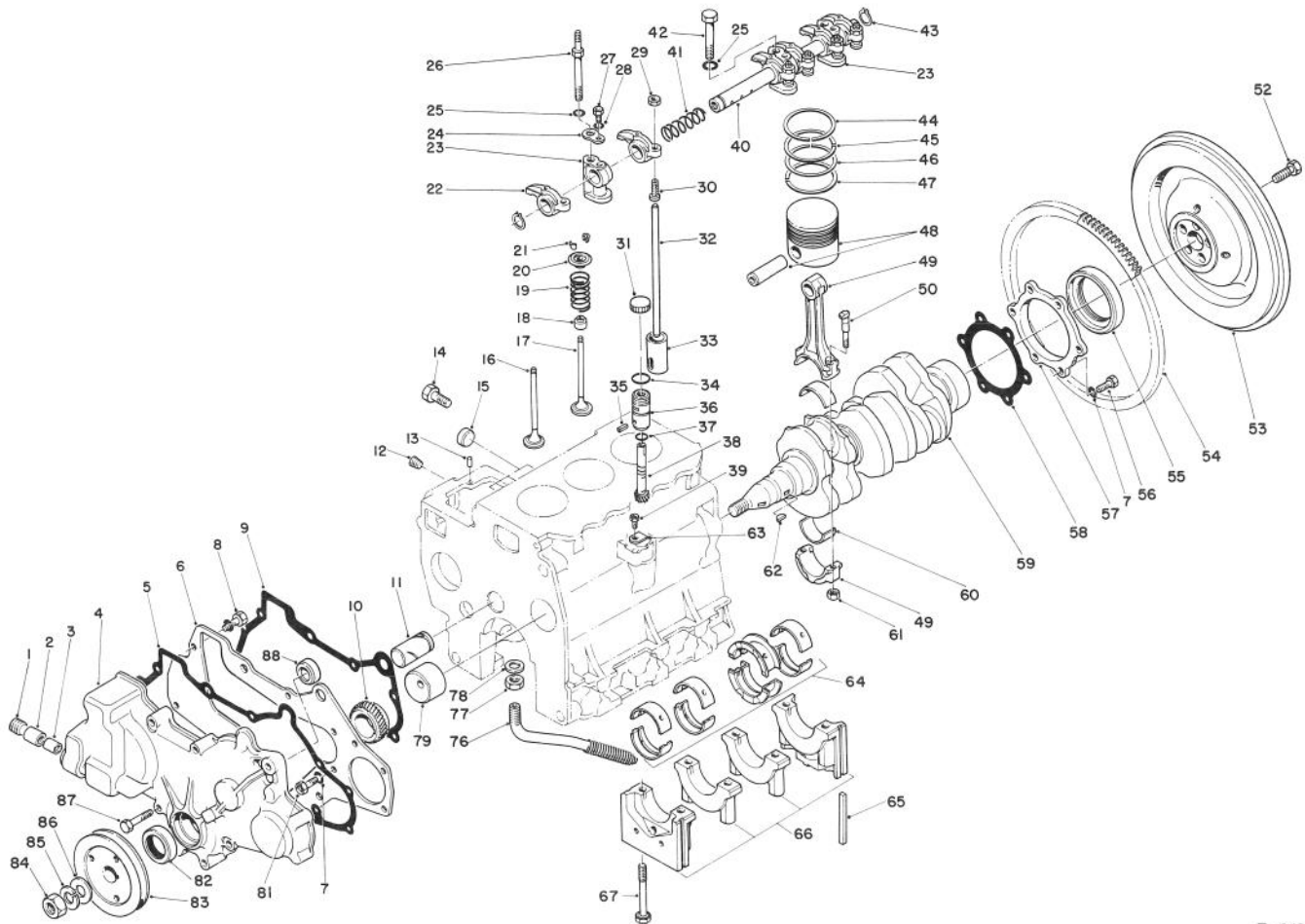
## ENGINE ASSEMBLY (Continued)

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 0.75 (.030 in.) 0.5.	3

\*Not Illustrated

†Not Serviced Separately



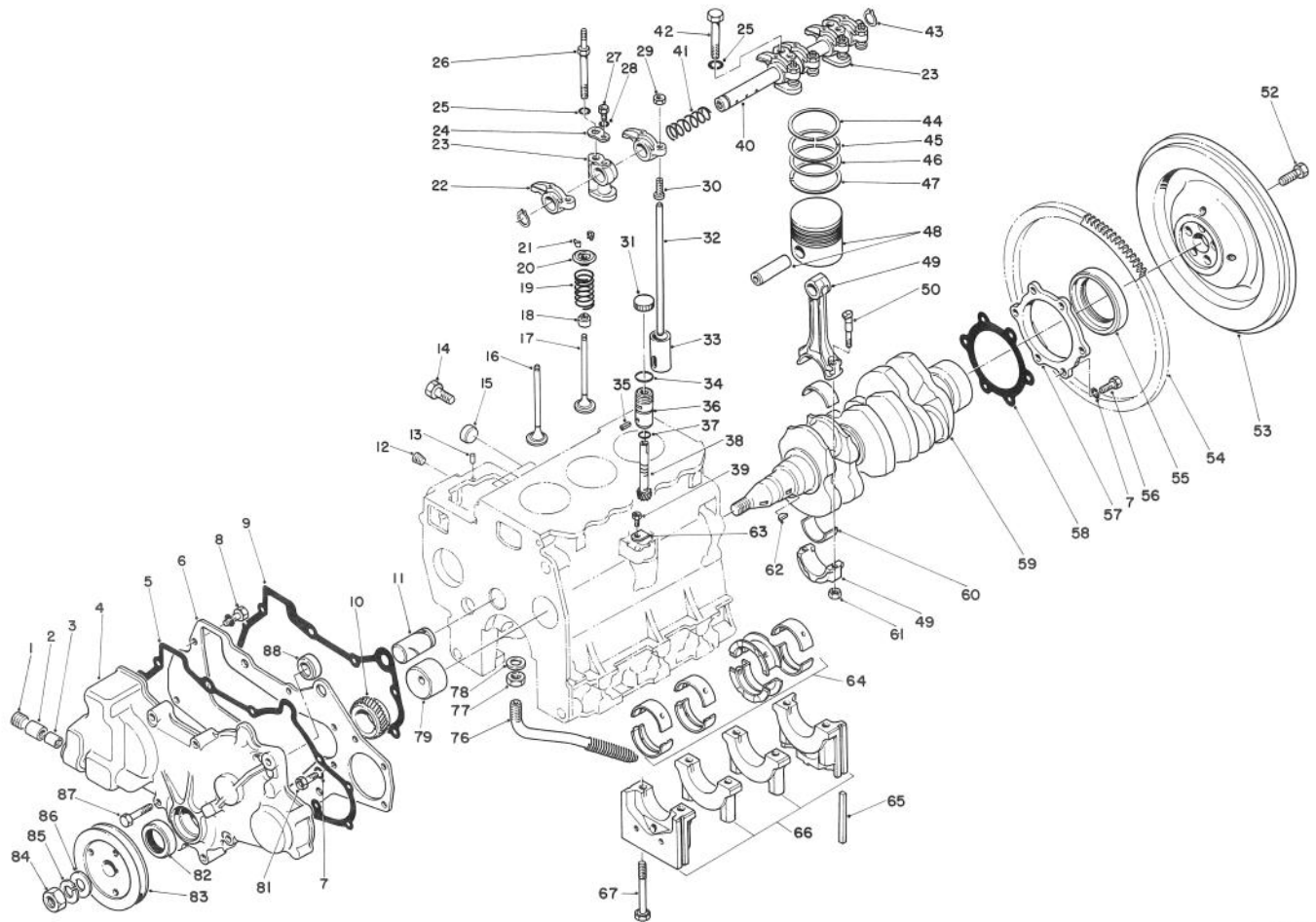
T-0432A

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
48	72-4240	Piston & Piston Pin Std.	3	*	42-7690	Bearing Set	
*	72-4250	Piston & Piston Pin 0.25 (.010 in.) 0.5.	3			Connecting Rod 0.75 (.030 in.) U.S.	3
*48	72-4260	Piston & Piston Pin 0.50 (.020 in.) 0.5.	3	61	42-9590	Nut - Connecting Rod	6
*	72-4270	Piston & Piston Pin 0.75 (.030 in.) 0.5.	3	62	42-7730	Key - Woodruff	2
49	42-7650	Connecting Rod Assembly	3	63	42-9020	Plate - Locking	1
50	42-9470	Bolt - Connecting Rod	6	64	42-7230	Bearing Set Crankshaft Std.	1
52	54-8670	Bolt - Flywheel	5	*	42-7240	Bearing Set - Crankshaft 0.25 (.010 in.) U.S.	1
53	43-1800	Flywheel	1	*	42-7250	Bearing Set - Crankshaft 0.50 (.020 in.) U.S.	1
54	43-1810	Gear - Ring	1	*	42-7260	Bearing Set - Crankshaft 0.75 (.030 in.) U.S.	1
55	42-7060	Seal - Oil	1	65	42-7040	Seal - Side	4
56	42-9220	Screw - Cap, Hex. Hd.	6	†66		Bearing Cap Assembly	1
57	42-7120	Case - Oil Seal	1	67	42-9210	Bolt - Bearing Cap	8
58	42-7130	Gasket - Oil Seal	1	76	48-2010	Screen - Assembly Oil	1
59	42-7710	Crankshaft	1	77	48-1990	Nut - Jam	1
60	42-7660	Bearing Set Connecting Rod Std.	3	78	48-1980	Gasket	1
*	42-7670	Bearing Set Connecting Rod 0.25 (.010 in.) U.S.	3	79	42-7100	Bushing - Camshaft	1
*	42-7680	Bearing Set Connecting Rod 0.50 (.020 in.) U.S.	3	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 Serviced Separately



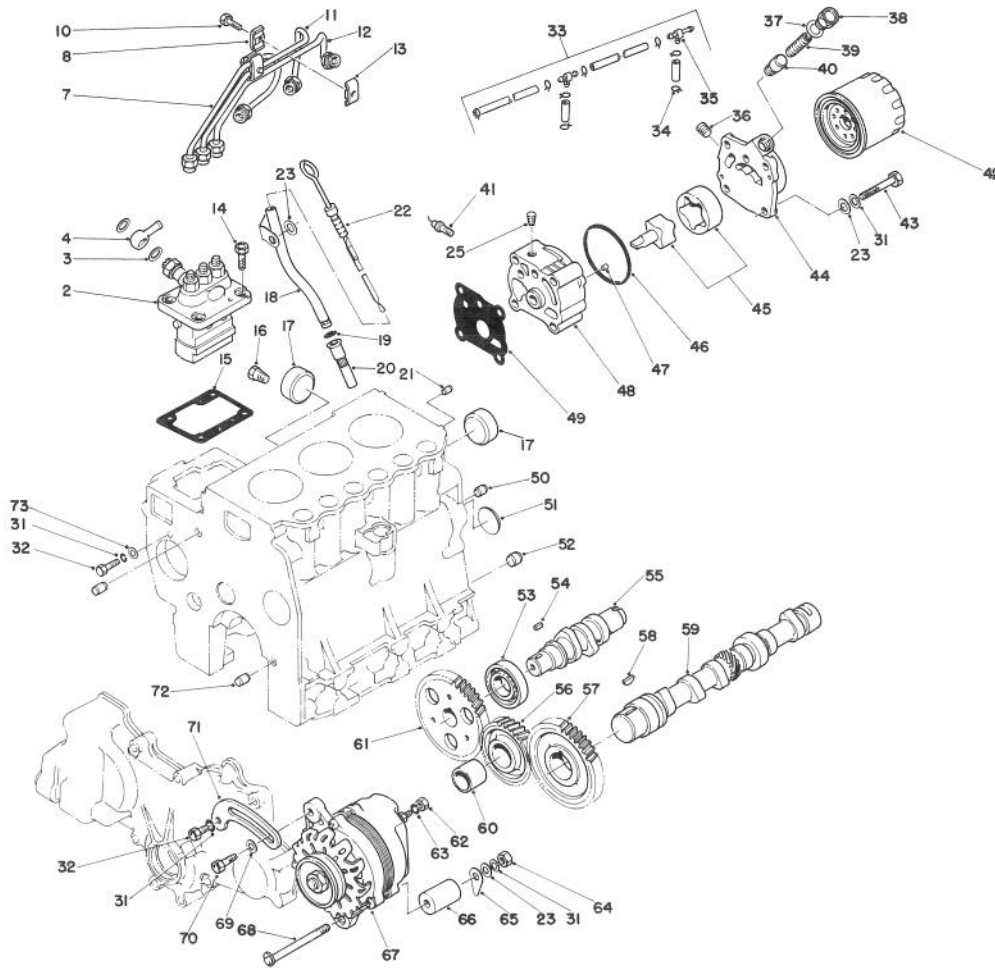
T-0432A

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
86	42-9810	Washer - Flat	1
87	42-9500	Screw - Cap, Hex. Hd.	8
88	82-2590	Plug - Thrust	1

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

\*Not Illustrated  
†Not Available

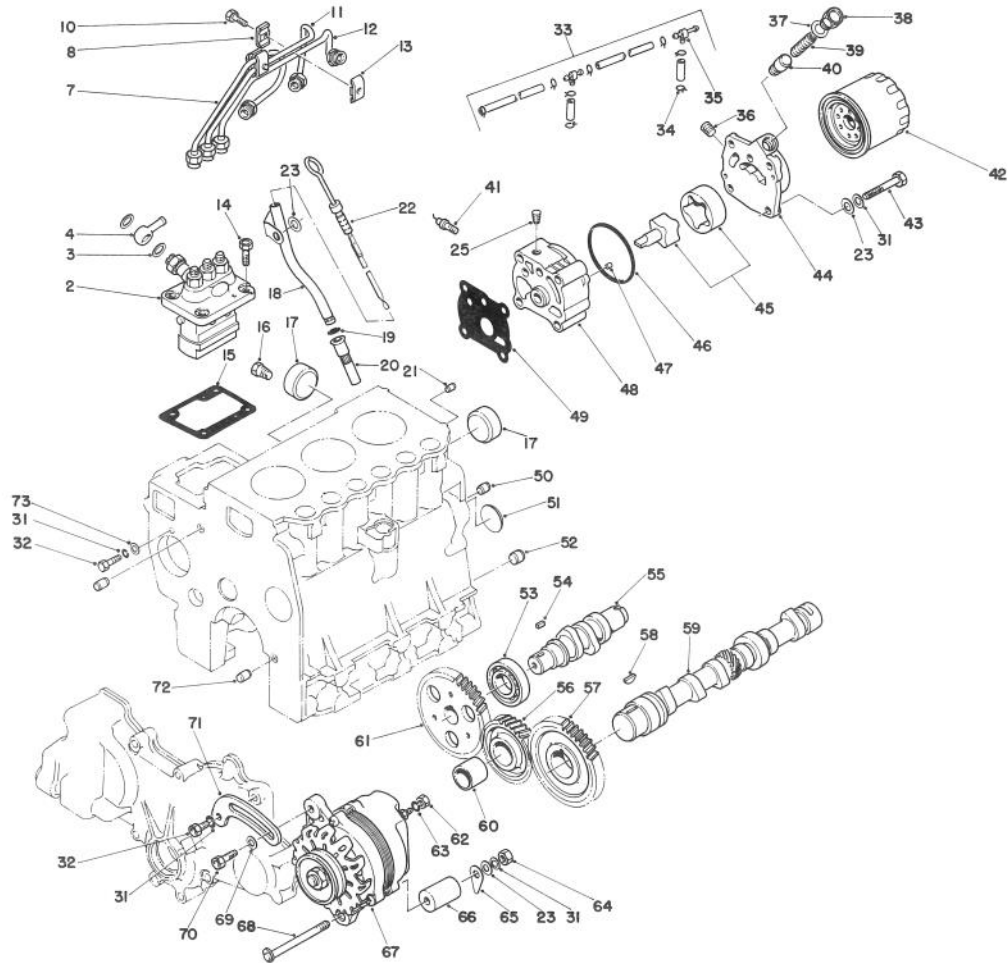


T-0433

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	42-8000	Pump Assy. - Fuel Injection	1	20	43-2900	Retainer - Oil Level Guide	1
3	42-9830	Washer - Seal	2	21	42-7160	Pin - Dowel	1
4	42-8100	Collar - Union	1	22	42-7270	Oil Level Gauge Assembly	1
7	42-8130	Pipe Assy. - Fuel Injection (No. 1)	1	23	42-9660	Washer - Flat	6
8	42-8160	Clamp	2	25	42-7410	Plug - Taper	1
10	43-2600	Capscrew	2	31	42-9850	Washer - Lock	7
11	42-8140	Pipe Assy. - Fuel Injection (No. 2)	1	32	42-9230	Screw - Cap, Hex. Hd.	2
12	42-8150	Pipe Assy. - Fuel Injection (No. 3)	1	33	42-8180	Fuel Return Pipe Assembly	1
13	42-8170	Clamp	2	34	2412-79	Clamp - Hose	8
14	43-0110	Screw - Cap, Hex. Hd.	4	35	42-8190	Joint	2
15	42-8010	Shim - 0.2 (.008 in.)	A/R	36	42-7210	Plug - Taper	1
*	42-8020	Shim - 0.3 (.012 in.)	A/R	37	42-8880	Gasket	1
*	42-8030	Shim - 0.4 (.016 in.)	A/R	38	42-8870	Plug	1
*	42-8040	Shim - 0.5 (.020 in.)	A/R	39	42-8930	Spring - Relief	1
*	42-8050	Shim - 0.6 (.024 in.)	A/R	40	42-8860	Plunger - Relief	1
*	42-8060	Shim - 0.7 (.028 in.)	A/R	41	42-9060	Oil Pressure Switch Assy.	1
*	42-8070	Shim - 0.8 (.032 in.)	A/R	42	42-9030	Filter Assembly - Oil	1
*	42-8080	Shim - 0.9 (.036 in.)	A/R	43	42-9480	Screw - Cap, Hex. Hd.	4
*	42-8090	Shim - 1.0 (.039 in.)	A/R	44	42-8920	Cover - Oil Pump	1
16	281-1	Plug - Taper	1	45	42-8910	Rotor Assembly - Oil Pump	1
17	42-7090	Cap - Sealing	2	46	42-8940	O-Ring	1
18	42-7050	Guide - Oil Level Gauge	1	47	42-7030	Pin - Dowel	2
19	43-2710	O-Ring	1	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



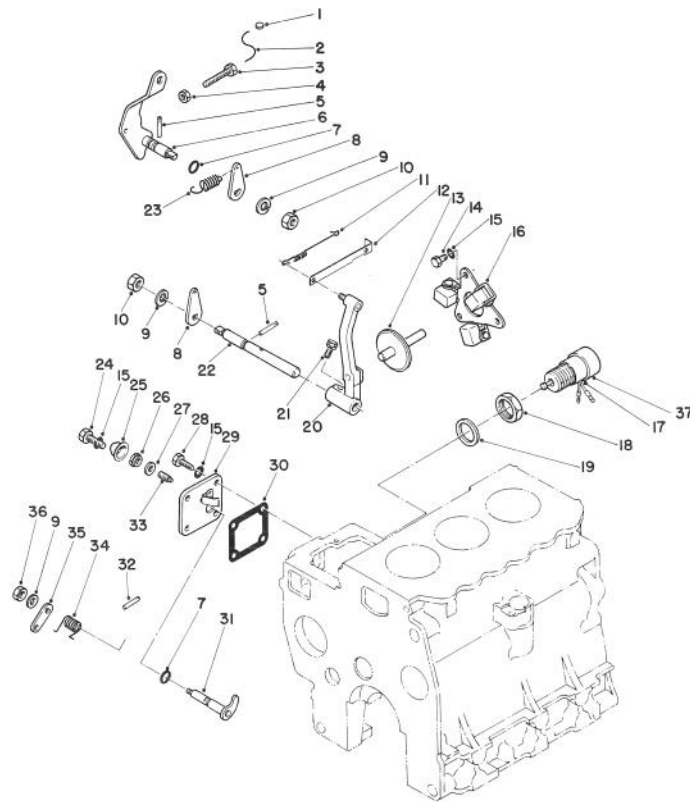
T-0433

## 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	A/R
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

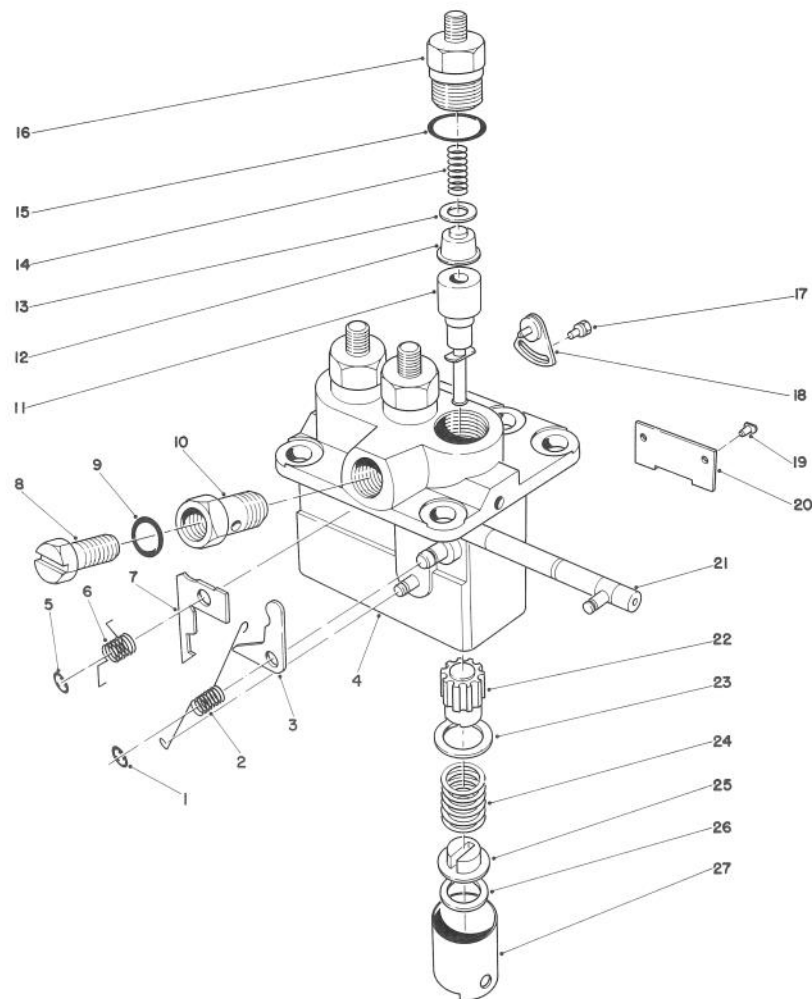


T-0434

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-8690	Metal - Sealing	1	20	42-8730	Governor Lever Assembly	1
2	42-8700	Wire	1	21	42-9450	Bolt/Washer - Assembled	1
3	42-9420	Bolt - High Speed Set	1	22	42-8760	Governor Shaft	1
4	43-2830	Nut	1	23	42-8820	Governor Spring	1
5	42-8810	Pin - Grooved	2	24	43-2800	Screw - Cap, Hex. Hd.	1
6	42-8780	Speed Control Lever Assy.	1	25	43-2820	Sealing Cap	1
7	42-8830	O-Ring	2	26	43-5960	Nut - Special	1
8	42-8770	Lever - Governor Spring	2	27	43-3120	Washer - Seal	1
9	42-9850	Washer - Lock	2	28	42-9400	Screw - Cap, Hex. Hd.	3
10	42-9580	Nut - Jam	2	29	42-8790	Cover Assembly (Incl. Ref. #25, 27 & 33)	1
11	42-8740	Spring - Tie Rod	1	30	42-8800	Gasket Cover	1
12	42-8750	Tie Rod	1	31	44-8090	Lever Assembly Stop	1
13	42-8720	Sliding Shaft Assembly	1	32	42-8810	Pin - Grooved	1
14	42-9430	Screw - Cap, Hex. Hd.	3	33	43-3160	Screw - Adjusting	1
15	43-5930	Washer - Lock	7	34	44-8100	Spring Return	1
16	42-8710	Weight Assy. - Governor	1	35	43-2770	Lever - Stop	1
17	43-2730	Solenoid - Tubular	1	36	42-9640	Nut - Jam	1
18	43-2750	Nut	1	37	62-6940	Cap	1
19	43-2740	Gasket	1				





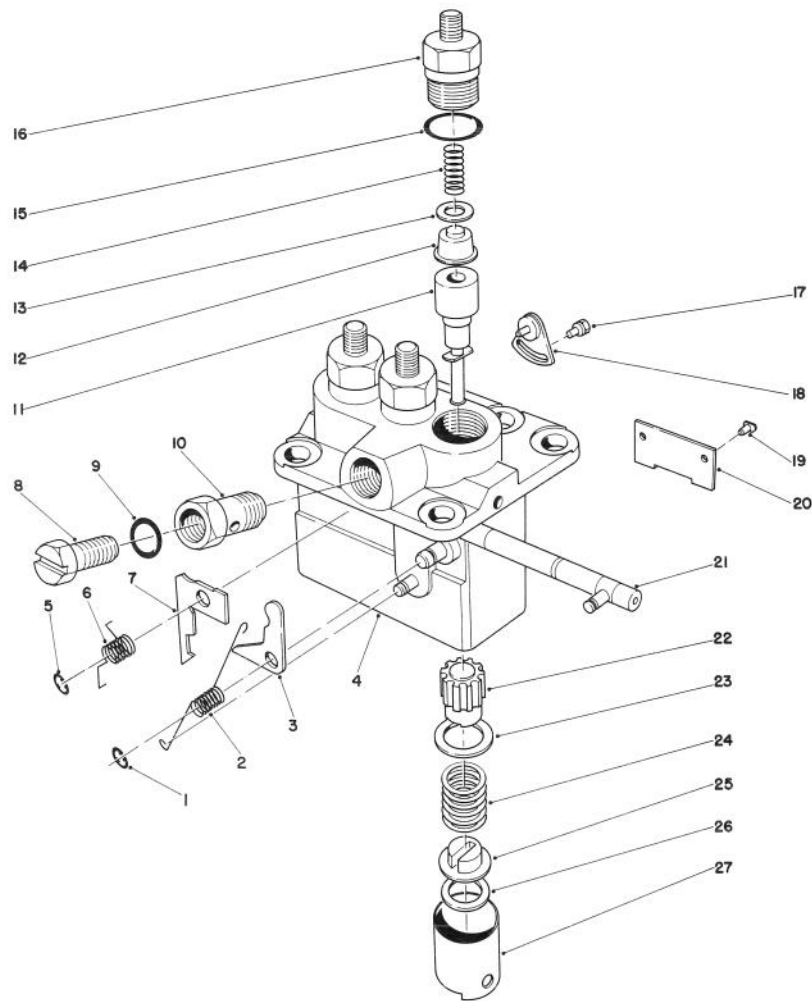
T-0435

## 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

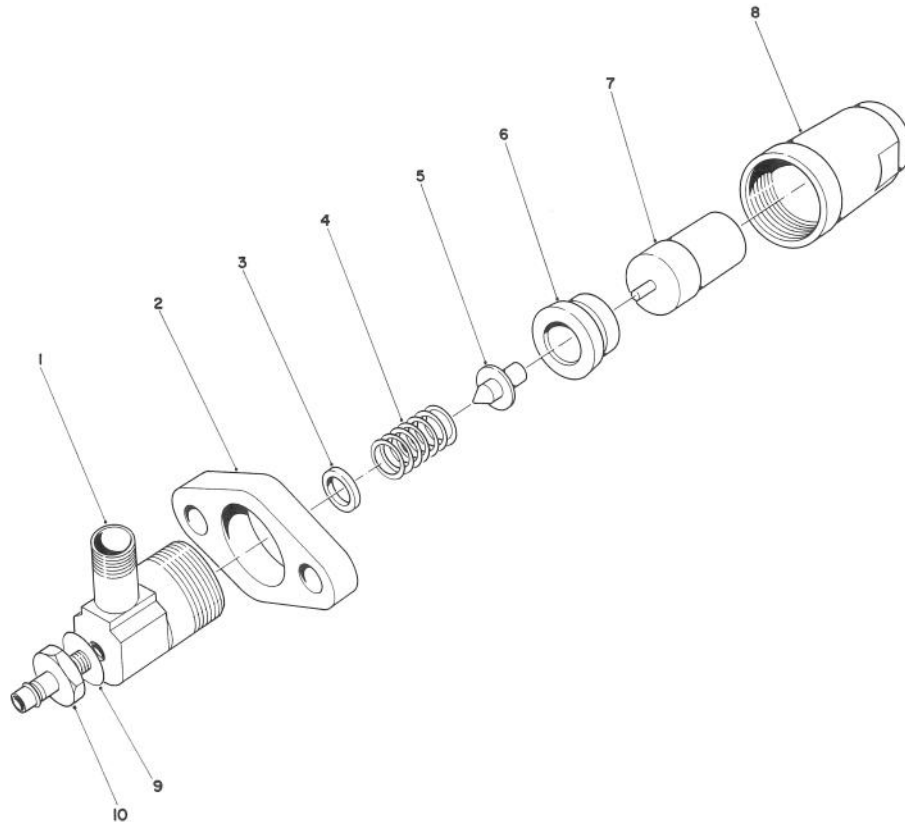


T-0435

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

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
8	42-8370	Screw - Air Breather	1	26	42-8390	Shim - Plate 0.6 (.0241 in.)	A/R
9	42-9770	Washer	1	*	42-8400	Shim - Plate 0.2 (.008 in.)	A/R
10	42-8380	Screw - Hollow	1	*	42-8410	Shim - Plate 0.3 (.0121 in.)	A/R
11	42-8260	Element Sub Assembly	3	*	42-8420	Shim - Plate 0.4 (.016 in.)	A/R
12	42-8250	Delivery Valve Sub Assy.	3	*	42-8430	Shim - Plate 0.5 (.020 in.)	A/R
13	42-8240	Gasket - Delivery Valve	3	*	42-8440	Shim - Plate 0.25 (.010 in.)	A/R
14	42-8230	Spring - Delivery Valve	3	*	42-8450	Shim - Plate 0.35 (.014 in.)	A/R
15	42-8330	O-Ring	3	*	43-6240	Shim - Plate 0.45 (.018 in.)	A/R
16	42-8220	Holder - Delivery Valve	3	*	54-8680	Shim - Plate 0.55 (.022 in.)	A/R
17	43-3150	Bolt/Washer Assembled	2	*	54-8690	Shim - Plate 0.65 (.026 in.)	A/R
18	42-8360	Plate Assembly - Adjusting	2	27	42-8300	Tappet Sub Assembly	3
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				

\*Not Illustrated



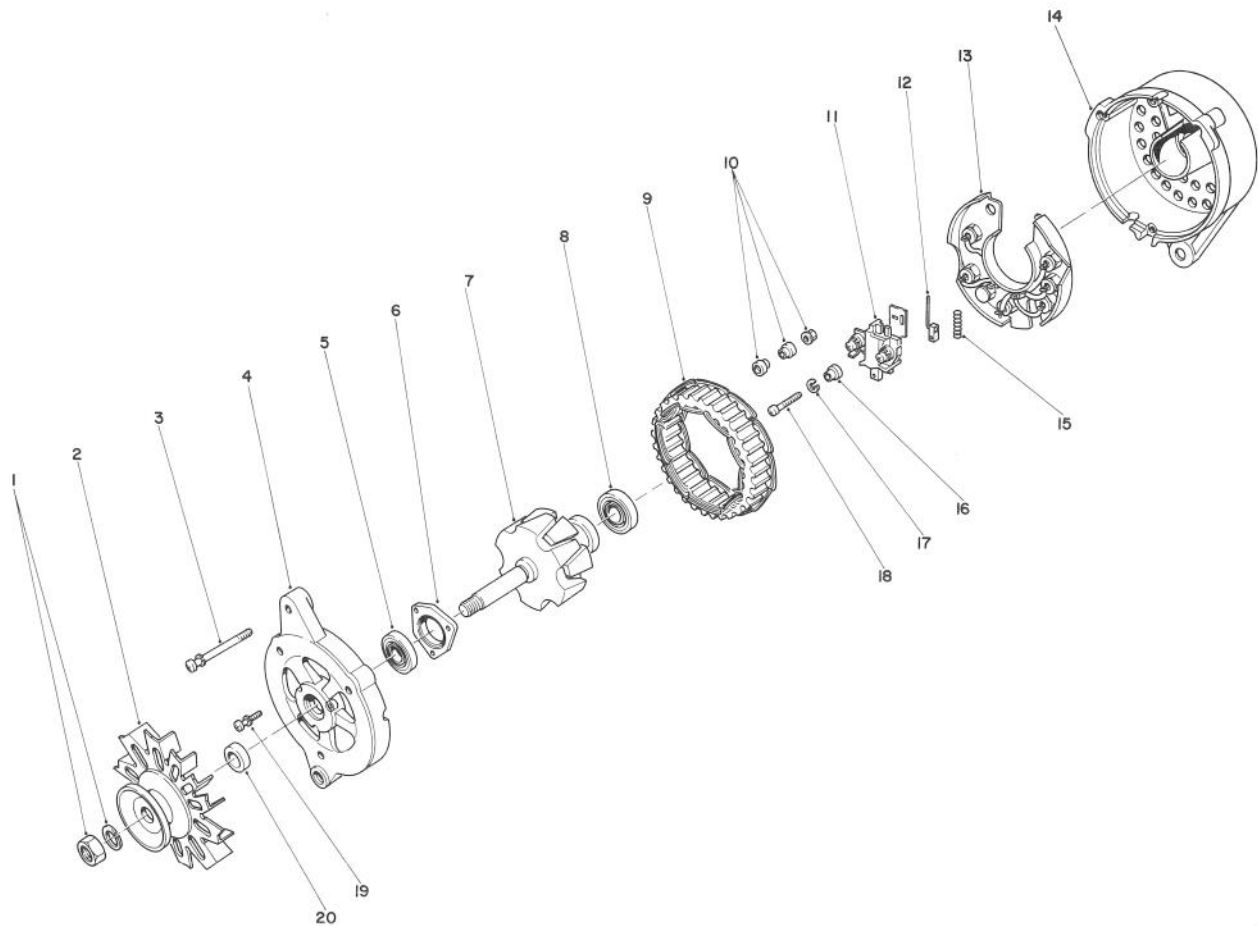
T-0436

### NOZZLE & HOLDER ASSEMBLY NO. 44-8070

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

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

\*Not Illustrated

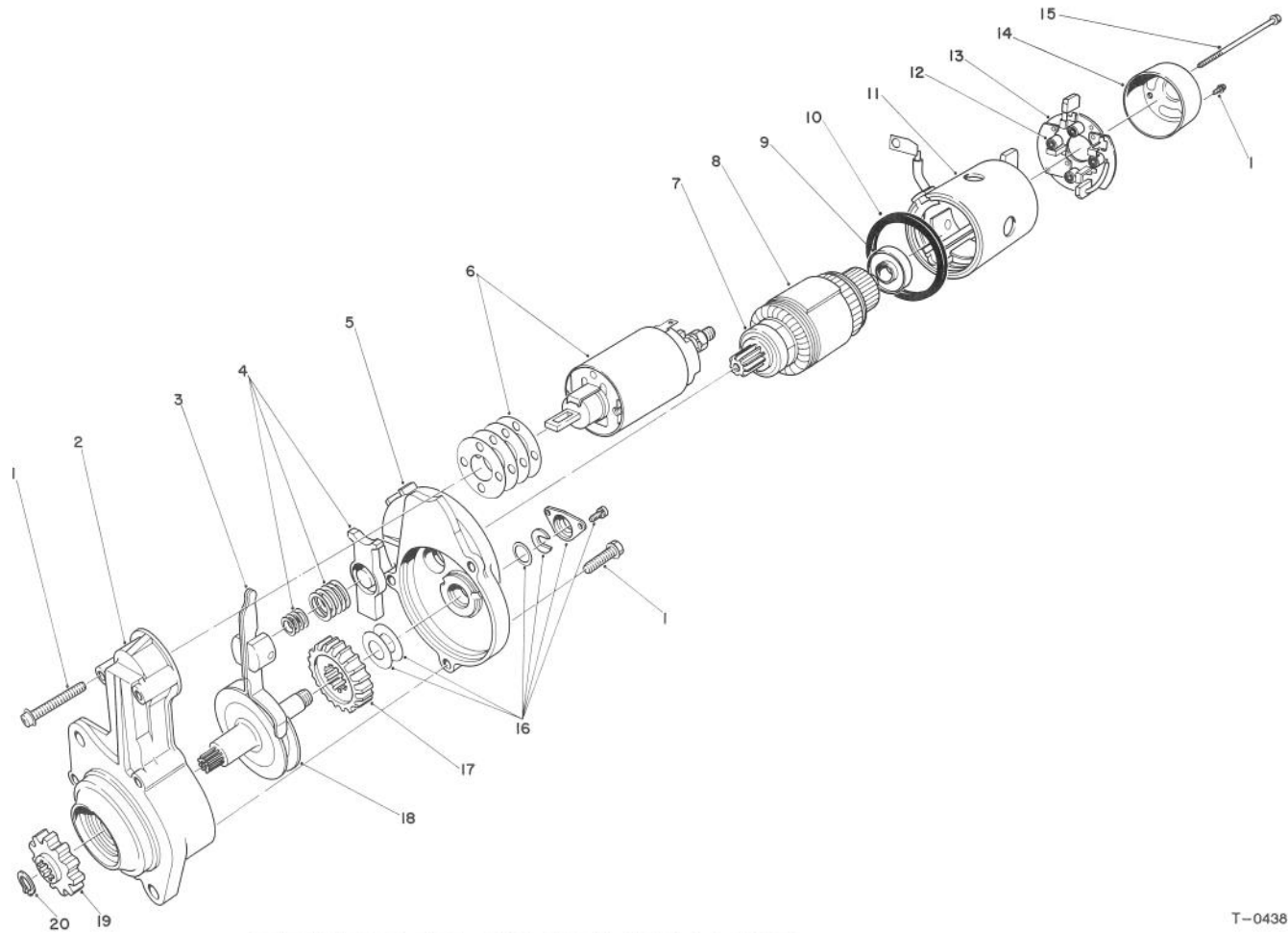


T-0437

## ALTERNATOR ASSEMBLY NO. 43-0390

Ref. No.	Part No.	Description	No. Used
1	43-1920	Nut Set	1
2	43-0420	Pulley Assembly (Incl. 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	43-0450	Plate - Bearing Retainer	1
7	43-0450	Rotor Assembly (Incl. 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 & 15-18)	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	43-0080	Collar - Shaft	1

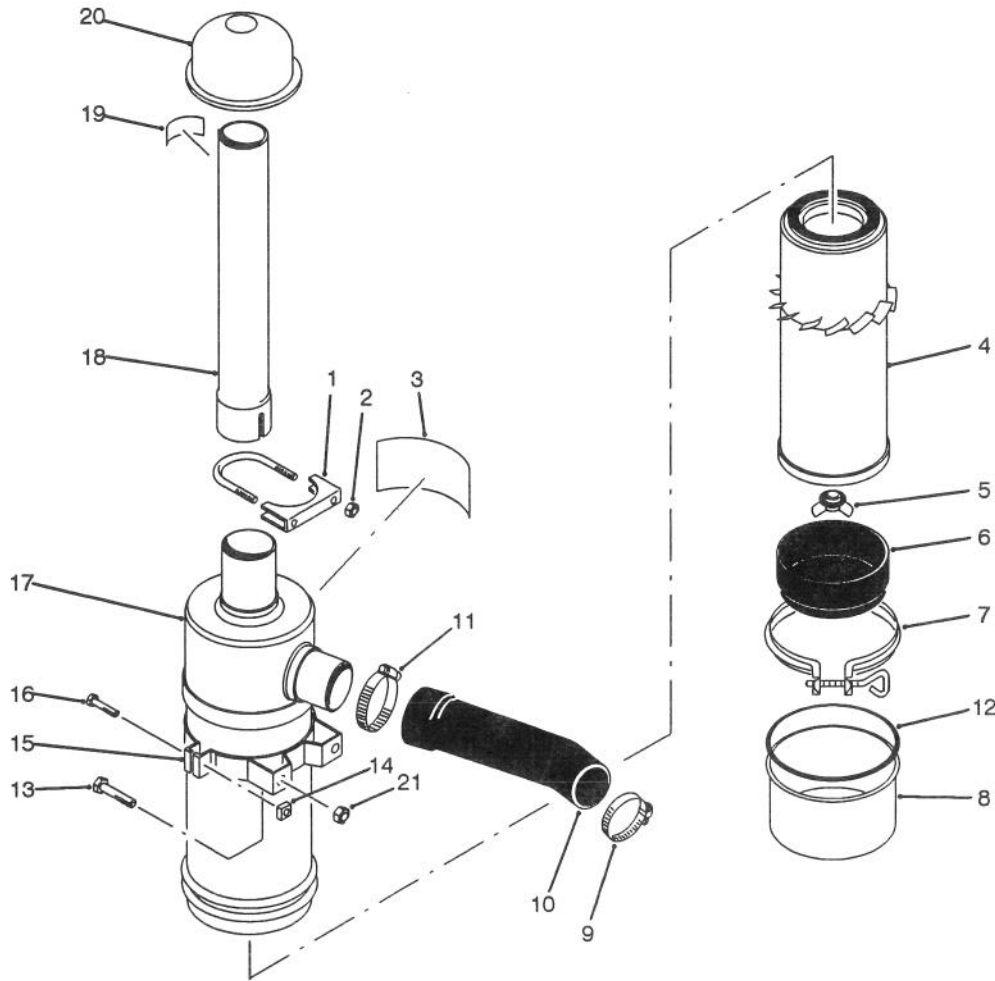


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## STARTER ASSEMBLY NO. 46-7610

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	46-7620	Screw - Set	1	13	46-7790	Brush Holder Assembly (Incl. Ref. #12)	1
2	46-7630	Bracket Assembly - Front	1	14	46-8040	Bracket - Rear	1
3	46-7640	Lever Assembly	1	15	46-7700	Bolt Set	1
4	43-0190	Spring Set	1	16	46-7770	Cover Set	1
5	46-7650	Bracket Assembly - Center	1	17	46-7760	Gear	1
6	46-7660	Switch Assembly	1	18	46-7750	Shaft Assembly Pinion	1
7	46-7680	Bearing - Front	1	19	46-7720	Pinion Set (Incl. Ref. #20)	1
8	46-7670	Armature Set (Incl. Ref. #7 & 9)	1	20	46-7730	Snap Ring	1
9	46-7690	Bearing - Rear	1	*	46-7740	Gear Set (Incl. Ref. #17 & 18)	1
10	46-8050	Packing	1	*	46-7710	Shaft Assembly - Clutch (Incl. Ref. #16-20)	1
11	46-7780	Yoke Assembly	1				
12	46-8030	Spring - Brush	4				

\*Not Illustrated

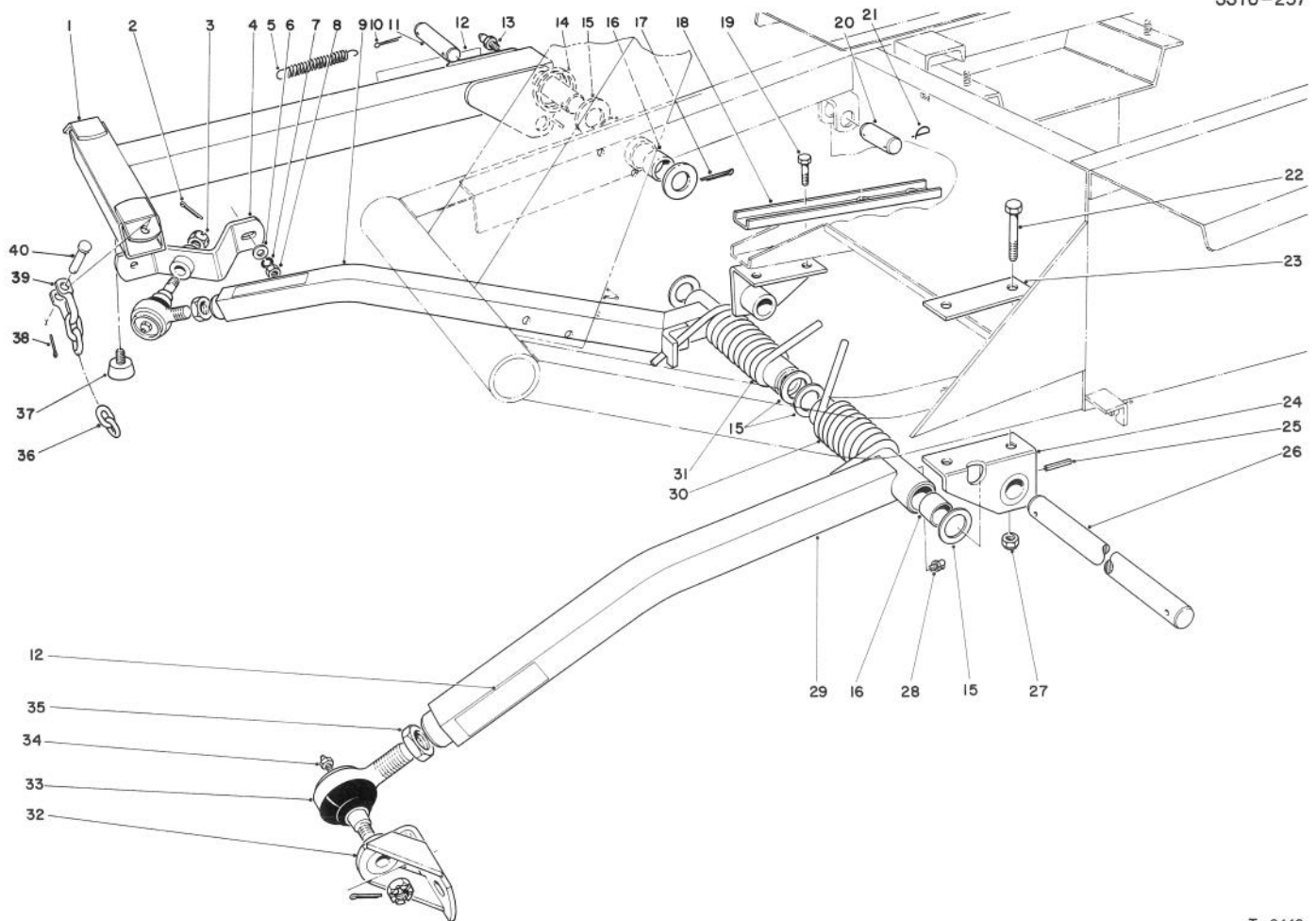


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### AIR CLEANER ASSEMBLY

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	43-3830	Hose - Air Cleaner	1
11	2412-42	Hose Clamp	1

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



T-0440

## PUSH ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-6370	Lift Arm	1
2	3272-11	Cotter Pin	2
3	32136-2	Nut	2
4	21-3020	Ball Joint Mount R.H.	1
5	21-1830	Spring Tension	1
6	3256-25	Washer - Flat	1
7	3253-6	Washer - Lock	2
8	3217-8	Nut - Full	2
9	66-7150	Push Arm R.H. (Incl. Ref. #16 & 28)	1
10	3272-24	Cotter Pin	1
11	24-9510	Pin	1
12	55-4300	Warning Decal	3
13	302-5	Grease Fitting	1
14	46-8840	Spring - Lift Arm	1
15	5-1754	Washer	6
16	256-126	Bushing	6
17	3272-33	Cotter Pin	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	Spring Pin	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	Roll Pin	2
26	21-2990	Shaft - Pivot	1
27	32128-42	Nut - Flange Lock	4
28	302-33	Grease Fitting	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	Grease Fitting	2
35	21-3000	Nut - Jam	2
36	3-1365	Chain - Lift	3
37	67-9800	Bumper	1
38	3272-10	Cotter Pin	3
39	5-2942	Shackle	3
40	283-10	Pin	3



# TORO PART NUMBER INDEX

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-1365	Chain - Lift	47 36 3	21-8110	Adjustment Shim .010	17 36 A/R
3-3251	Spring - Compression	10 9 1	21-8120	Adjustment Shim .030	17 35 A/R
3-6498	Washer	8 18 A/R	21-8180	Bearing	18 3 2
3-6657	Clip	7 31 2	21-8270	Dowel Pin	16 3 2
3-6803	Washer	32 15 A/R	21-8330	Oil Seal	18 2 2
3-7243	Spring - Extension	10 13 2	21-8360	Clip - Retaining	18 12 2
3-7292	Pin	47 20 1	21-8590	Link - Valve Lever	26 27 1
3-8812	Spacer	8 19 1	21-8620	Lever Valve	26 2 1
4-2390	Washer	30 49 2	21-8640	Latch Valve Lever	26 7 1
5-0652	Spacer	8 37 1	21-9010	Pivot Mount - Valve Lever	26 11 1
5-0652	Spacer	31 62 2	21-9260	Cover - Dust	12 4 1
5-0701	Spring Anchor	9 52 1	21-9370	Screw - Adjusting	18 16 2
5-0838	Washer - Flat	5 38 3	21-9380	Nut - Pivot	18 17 2
5-1226	Washer	19 17 3	21-9390	Socket - Adjusting Screw	18 15 2
5-1747	Spring	8 21 1	21-9420	Spring - Shoe Return L.H.	18 19 2
5-1754	Washer	47 15 6	21-9430	Spring - Shoe Return R.H.	18 7 2
5-2942	Shackle	47 39 3	21-9440	Spring - Adjusting Screw	18 14 2
5-3126	Spring Pin	47 21 3	21-9450	Dust Shield	18 5 2
5-3637	Washer	30 17 1	21-9460	Retainer - Brake Lever	18 10 4
6-1659	Toggle Switch	3 19 1	22-7810	Spacer	15 19 1
7-3900	Pad - Brake	10 1 1	22-7820	Buzzer Assembly	3 36 1
10-6830	Stud - Drive	19 32 10	22-8330	Plug	29 1 2
10-8110	Washer - Thrust	19 18 A/R	22-8340	Spring	29 3 2
11-0590	Screw - Cap, Self Tapping	5 34 2	22-8350	Ball	29 4 2
11-0590	Screw - Hex. Hd. Tapping	10 5 2	22-8360	Pin - Cam	29 6 2
11-9760	Screw - Self Tapping	22 52 3	22-8370	Seat - Check Valve	29 5 2
12-5450	Thread Forming Screw	16 13 8	22-8380	Spring Retainer	29 10 1
12-9990	Hour Meter	3 40 1	22-8390	Spring Retainer	29 12 1
14-8459	Hood	5 6 1	22-8400	Spacer Float	29 13 1
18-1720	Ball Joint Assembly	30 3 2	22-8410	Spring	29 11 1
18-2770	Cable - Ground	2 52 1	22-8420	Spool	29 8 1
20-4840	Muffler Clamp	46 1 1	22-8480	Spring Ring Spool	29 14 1
21-0141	Socket Assembly R.H.	10 26 1	22-8490	Snap Ring	29 15 1
21-0141	Socket Assembly R.H. Thd.	19 39 2	23-1950	Support Reinforcement	47 18 1
21-0151	Socket Assembly L.H. Thd.	19 * 2	23-2240	Rod - Pump Control	10 17 1
21-0230	Pulley P.T.O.	8 13 1	23-2270	Bushing - Rubber	10 16 1
21-0400	Spring - Compression	8 48 1	23-5180	Dipstick	15 41 1
21-1600	Clamp P.T.O. Lever	9 54 1	23-7270	Nut - Wheel	15 32 10
21-1820	Stud - Belt Retainer	30 42 2	23-9740	Oil Filter	22 34 1
21-1830	Spring - Tension	8 50 1	24-6390	Stud - Battery Hold Down	1 10 2
21-1830	Spring Tension	47 5 1	24-6420	Hold Down - Battery	1 24 1
21-1880	Grip Handle	8 1 1	24-8790	Differential Bevel Gear Side	16 5 2
21-2000	Tie Rod	19 42 2	24-8840	Ring - Wheel Bearing	18 21 2
21-2660	Footrest	1 4 1	24-9180	Strut & Lever Parking Brake	18 4 2
21-2760	Pad - Foot Rest L.H.	2 47 1	24-9510	Pin	47 11 1
21-2770	Pad - Foot Rest R.H.	2 46 1	24-9830	Support Axle	19 48 1
21-2820	Hub Wheel	19 30 2	25-2380	Thrust Plate	25 50 2
21-2850	Mount - R.H. Pedal	10 4 1	25-2390	Motor Valve Plate	25 57 1
21-2860	Push Arm Bracket	47 24 2	25-2400	Gasket	25 59 1
21-2890	Spring - Torsion R.H.	47 31 1	25-2410	Accel. Valve Assembly	24 17 2
21-2900	Spring - Torsion L.H.	47 30 1	25-2430	Dowel Pin	25 52 2
21-2960	Push Arm L.H.	47 29 1	25-2440	Pump Valve Plate	25 51 1
21-2990	Shaft - Pivot	47 26 1	25-2450	Variable Swashplate	24 48 1
21-3000	Nut - Jam	47 35 2	25-2460	Plug - Hex. Hd.	24 28 2
21-3020	Ball Joint Mount R.H.	47 4 1	25-2470	Shim Pack	24 29 2
21-3050	Ball Joint Mount L.H.	47 32 1	25-2480	Valve Spring	24 44 1
21-3370	Cable - R.H. Brake	10 * 1	25-2490	Ball	24 9 2
21-3380	Cable - L.H. Brake	10 15 1	25-2500	Trunion Shaft	24 43 1
21-3600	Foam - Tank Support	15 3 1	25-2510	Washer - Flat	24 25 2
21-3610	Foam - Tank Support	15 21 1	25-2530	Headless Straight Pin	24 39 1
21-3750	Support Plate	47 23 1	25-2550	Charge Pump Housing	24 34 1
21-7670	Differential Case	17 33 1	25-2570	Valve Spring	24 30 1
21-7690	Pinion Gear	16 6 2	25-2580	Trunion Shaft	24 26 1
21-7700	Pinion Mate Shaft	17 31 1	25-2610	Accel. Valve Spring	24 16 1
21-7720	Thrust Washer	16 4 2	25-2620	By-Pass Valve	24 15 1
21-7730	Thrust Washer	16 7 2	25-2630	Back-Up Ring	24 14 1
21-7770	Drive Gear Screw	17 32 5	25-2640	Valve Spring	24 8 2
21-7830	Gear Cover	16 12 1	25-2650	Check Valve Plug	24 6 2
21-7850	Cup - Plug	16 20 1	25-2680	Gerotor Assembly	24 38 1
21-8020	Spacer - Pinion Bearing	17 25 1	25-3180	Check Valve Kit	24 11 2
21-8090	Adjustment Shim .003	17 38 A/R	25-3190	Charge Pump	24 40 1
21-8100	Adjustment Shim .005	17 37 A/R	25-3210	Lip Seal	24 24 2

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
25-8640	Screw - Machine	30 10 1	42-7130	Gasket - Oil Seal	36 58 1
26-6740	Temperature Reset Relay	3 18 1	42-7150	Gasket - Front Plate	35 9 1
26-6750	Engine Temperature Gauge	3 15 1	42-7160	Pin - Dowel	38 21 1
27-1960	Hub - Engine	30 37 1	42-7170	Plug - Expansion	38 51 1
27-2360	Key Switch	3 10 1	42-7180	Bushing - Knock	38 50 2
27-6590	Spacer - Rubber Coupling	22 22 2	42-7190	Bushing - Knock	39 72 2
27-6600	Spacer - Rubber Coupling	22 20 6	42-7200	Bushing - Knock	39 52 1
27-7100	Air Cleaner Assembly	46 17 1	42-7210	Plug - Taper	35 12 3
27-7110	Element Assembly	46 4 1	42-7210	Plug - Taper	38 36 1
27-7120	Nut & Gasket Assembly	46 5 1	42-7230	Bearing Set	36 64 1
27-7130	Clamp Assembly	46 7 1	42-7240	Bearing Set - Crankshaft	36 * 1
27-7140	Skirt - Baffle	46 6 1	42-7250	Bearing Set - Crankshaft	36 * 1
27-7150	Cup Assembly	46 8 1	42-7260	Bearing Set - Crankshaft	36 * 1
27-7160	Decal - Instructions	46 3 1	42-7270	Oil Level Gauge Assembly	38 22 1
27-7170	Band Assy.	46 15 2	42-7280	Oil Pan Assembly	34 52 1
27-7180	Cap Assembly - Air Inlet	46 20 1	42-7290	Gasket - Oil Drain Plug (18)	33 50 1
27-7290	Decal - Power Take off	1 18 1	42-7300	Gasket - Oil Pan	34 53 1
27-7310	Decal - Refueling	2 33 1	42-7310	Bearing - Needle	35 3 1
27-7320	Decal - Traction Pedal	1 1 1	42-7320	Bearing - Needle	35 2 1
27-7370	Brake Assembly P.T.O.	8 25 1	42-7330	Case - Gear	35 4 1
27-7490	Pedal - L.H. Brake	10 41 1	42-7340	Gasket - Gear Case	35 5 1
27-7510	Pedal - R.H. Brake	10 42 1	42-7390	Seal - Oil	36 82 1
27-7570	Pad - Left Turn	10 38 1	42-7400	Plug - Taper	35 1 1
27-7580	Pad - Right Turn	10 2 1	42-7410	Plug - Taper	38 25 1
27-7590	Mount - Brake	10 34 1	42-7410	Plug - Taper 1/8	33 37 1
27-7640	Shaft - Brake Latch	10 36 1	42-7420	Cap - Oil Filter	33 18 1
27-7900	Screw - Adjusting	8 35 1	42-7430	Pipe - Air Breather	33 16 1
27-8550	Pedal - Parking Brake	10 45 1	42-7440	Hanger - Engine	33 29 2
27-9270	Mount - Brake Pivot Shaft	10 35 1	42-7460	Guide - Valve	33 27 6
28-0650	Flanged Axle Shaft	18 1 2	42-7470	Gasket - Cylinder Head	34 63 1
28-0660	Screw - Cap, Hex. Hd.	18 22 8	42-7480	Glow Plug	33 28 3
28-0670	Oil Seal	18 8 2	42-7490	Seal - Oil	33 21 2
28-0680	Brake Drum	18 13 2	42-7500	Assembly - Cover, Rocker	33 23 1
28-1280	Boot - Cable	1 12 1	42-7510	Pipe	33 4 2
28-5220	Wheel - Friction	10 25 1	42-7520	Gasket - Rocker Cover	33 24 1
28-9570	Pump Lever	22 51 1	42-7540	Fitting - Water Outlet	33 15 1
29-6120	Pump Plate	22 3 1	42-7550	Gasket	33 9 2
29-6150	Leaf Spring	22 46 1	42-7650	Connecting Rod Assembly	36 49 3
29-6163	Micro Switch	22 2 1	42-7660	Bearing Set	36 60 3
29-6170	Extended Leaf Spring	22 7 1	42-7670	Bearing Set	36 * 3
29-8910	Washer	32 12 2	42-7680	Bearing Set	36 * 3
31-0390	Disc - Friction	12 31 1	42-7690	Bearing Set	36 * 3
33-2570	Radiator Assembly	5 16 1	42-7700	Gear - Crankshaft	35 10 1
33-4380	Pump Hub	22 14 1	42-7710	Crankshaft	36 59 1
37-8770	Bolt - Shoulder	30 4 1	42-7720	Pulley - Crankshaft	36 83 1
37-9550	Strap - Fuel Tank	15 7 1	42-7730	Key - Woodruff	39 58 1
37-9650	Trim	1 29 1	42-7730	Key - Woodruff	36 62 2
38-1650	Fuel Gauge	3 5 1	42-7740	Nipple - Hose	33 11 1
38-1660	Ammeter	3 12 1	42-7780	Gear - Camshaft	39 57 1
38-1670	Clamp Mounting	3 2 2	42-7790	Idler Gear Assembly	39 56 1
38-3400	Guard - Rubber	26 5 1	42-7810	Shaft - Injection Pump Cam	39 55 1
38-3400	Guard - Rubber	23 60 1	42-7820	Bearing - Ball	39 53 1
38-4530	Tool Box	2 36 1	42-7830	Gear - Injection Pump Cam	39 61 1
38-4550	Instrument Cover	1 19 1	42-7840	Key - Sunk	39 54 1
38-4600	Bar - Frame L.H.	5 22 1	42-7850	Retainer - Valve Spring	35 20 6
38-7820	Bearing	32 5 2	42-7860	Lock - Spring Retainer	35 21 12
39-8020	Trim - Instrument Cover	1 22 1	42-7870	Seal - Valve Stem	35 18 6
41-8760	Gasket Transmission	22 45 1	42-7880	Spring - Valve	35 19 6
42-6080	Shim	32 30 A/R	42-7890	Tappet	35 33 6
42-6080	Shim - Axle	15 30 A/R	42-7900	Valve - Intake	35 16 3
42-7030	Pin - Dowel	35 13 2	42-7910	Valve - Exhaust	35 17 3
42-7030	Pin - Dowel	38 47 2	42-7920	Rod - Push	35 32 6
42-7040	Seal - Side	36 65 4	42-7930	Spring - Rocker Shaft L.H.	35 41 1
42-7050	Guide - Oil Level Gauge	38 18 1	42-7940	Arm - Rocker	35 22 6
42-7060	Seal - Oil	36 55 1	42-7950	Washer - Seat	35 24 2
42-7080	Cap - Sealing	35 15 2	42-7960	Shaft Assembly - Rocker	35 40 1
42-7080	Cap - Sealing (25)	33 30 3	42-7970	Stay - Rocker	35 23 3
42-7090	Cap - Sealing	38 17 2	42-7980	Screw - Adjusting	35 30 6
42-7090	Cap - Sealing (45)	33 36 1	42-7990	Ring - Snap	35 43 2
42-7100	Bushing - Camshaft	36 79 1	42-8000	Pump Assy. - Fuel Injection	38 2 1
42-7110	Shaft - Idler	35 11 1	42-8010	Shim - 0.2 (.008 in.)	38 15 A/R
42-7120	Case - Oil Seal	36 57 1	42-8020	Shim - 0.3 (.012 in.)	38 * A/R

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
42-8030	Shim - 0.4 (.016 in.)	38 * A/R	42-8940	O-Ring	38 46 1
42-8040	Shim - 0.5 (.020 in.)	38 * A/R	42-8950	Gasket - Oil Pump Body	38 49 1
42-8050	Shim - 0.6 (.024 in.)	38 * A/R	42-8960	Driven Unit - Speedometer	37 * 1
42-8060	Shim - 0.7 (.028 in.)	38 * A/R	42-8970	Pin - Spring	35 35 1
42-8070	Shim - 0.8 (.032 in.)	38 * A/R	42-8980	Sleeve - Gear	35 36 1
42-8080	Shim - 0.9 (.036 in.)	38 * A/R	42-8990	O-Ring	35 37 1
42-8090	Shim - 1.0 (.039 in.)	38 * A/R	42-9010	O-Ring	35 34 1
42-8100	Collar - Union	38 4 1	42-9020	Plate - Locking	36 63 1
42-8120	Gasket - Nozzle Holder	33 35 3	42-9030	Filter Assembly - Oil	38 42 1
42-8130	Pipe Assy. - Fuel Injection	38 7 1	42-9060	Oil Pressure Switch Assy.	38 41 1
42-8140	Pipe Assy. - Fuel Injection	38 11 1	42-9070	Pulley - Water Pump	34 56 1
42-8150	Pipe Assy. - Fuel Injection	38 12 1	42-9080	Water Pump Assembly	34 60 1
42-8160	Clamp	38 8 2	42-9090	Gasket - Water Pump	34 61 1
42-8170	Clamp	38 13 2	42-9100	Belt Fan	30 21 1
42-8180	Fuel Return Pipe Assembly	38 33 1	42-9110	Gasket	33 41 1
42-8190	Joint	38 35 2	42-9120	Assembly - Intake Manifold	33 6 1
42-8220	Holder - Delivery Valve	42 16 3	42-9140	Gasket - Intake Manifold	33 7 1
42-8230	Spring - Delivery Valve	42 14 3	42-9150	Pipe Inlet	33 3 1
42-8240	Gasket - Delivery Valve	42 13 3	42-9160	Gasket - Inlet Pipe	33 5 1
42-8250	Delivery Valve Sub Assy.	42 12 3	42-9170	Gasket - Exhaust Manifold	33 39 1
42-8260	Element Sub Assembly	42 11 3	42-9180	Wire - Glow Plug Lead	33 26 2
42-8270	Sleeve - Plunger Control	42 22 3	42-9190	Glow Lamp	3 14 1
42-8280	Seat - Spring, Upper	42 23 3	42-9200	Complete Gasket Set	34 * 1
42-8290	Spring - Pump Plunger	42 24 3	42-9210	Bolt - Bearing Cap	36 67 8
42-8300	Tappet Sub Assembly	42 27 3	42-9220	Screw - Cap, Hex. Hd.	36 56 6
42-8310	Rack Assembly - Control	42 21 1	42-9230	Screw - Cap (8 x 16)	33 51 15
42-8320	Seat - Spring, Lower	42 25 3	42-9230	Screw - Cap, Hex. Hd.	38 32 2
42-8330	O-Ring	42 15 3	42-9230	Screw - Cap, Hex. Hd.	32 34 1
42-8340	Pin - Tappet Guide	42 19 3	42-9230	Screw - Cap, Hex. Hd.	36 81 3
42-8350	Plate	42 20 1	42-9240	Screw - Cap (12 x 28)	33 44 3
42-8360	Plate Assembly - Adjusting	42 18 2	42-9250	Screw - Cap, Hex. Hd.	35 14 4
42-8370	Screw - Air Breather	42 8 1	42-9260	Plug - Oil Drain	33 49 1
42-8380	Screw - Hollow	42 10 1	42-9300	Screw - Cap (10 x 20)	34 64 2
42-8390	Shim - Plate	42 26 A/R	42-9310	Screw - Cap Hex. Hd.	33 1 4
42-8400	Shim - Plate	42 * A/R	42-9320	Bolt - Cylinder Head	33 31 8
42-8410	Shim - Plate	42 * A/R	42-9330	Bolt - Cylinder Head	33 25 3
42-8420	Shim - Plate	42 * A/R	42-9350	Screw - Cap, Hex. Hd.	35 27 2
42-8430	Shim - Plate	42 * A/R	42-9360	Bolt	35 26 2
42-8440	Shim - Plate	42 * A/R	42-9370	Screw - Cap, Hex. Hd.	35 42 1
42-8450	Shim - Plate	42 * A/R	42-9390	Bolt (8 x 32)	33 33 6
42-8460	Spring Return	41 6 1	42-9400	Screw - Cap, Hex. Hd.	40 28 3
42-8620	Pin - Pressure	43 5 3	42-9420	Bolt - High Speed Set	40 3 1
42-8630	Spring - Pressure	43 4 3	42-9430	Screw - Cap, Hex. Hd.	40 14 3
42-8640	Nipple	43 10 3	42-9440	Screw - Cap, Hex. Hd.	35 39 1
42-8650	Nut - Retaining	43 8 3	42-9450	Bolt/Washer - Assembled	40 21 1
42-8660	Piece - Distance	43 6 3	42-9470	Bolt - Connecting Rod	36 50 6
42-8670	Flange	43 2 3	42-9480	Screw - Cap, Hex. Hd.	38 43 4
42-8680	Nozzle Assembly	43 7 3	42-9490	Screw - Cap (6 x 12)	34 58 4
42-8690	Metal - Sealing	40 1 1	42-9500	Screw - Cap (8 x 45)	34 55 3
42-8700	Wire	40 2 1	42-9500	Screw - Cap, Hex. Hd.	37 87 8
42-8710	Weight Assy. - Governor	40 16 1	42-9510	Screw - Cap (8 x 60)	34 59 1
42-8720	Sliding Shaft Assembly	40 13 1	42-9510	Screw - Cap, Hex. Hd.	30 46 2
42-8730	Governor Lever Assembly	40 20 1	42-9520	Screw - Cap (8 x 30)	33 43 5
42-8740	Spring - Tie Rod	40 11 1	42-9530	Screw - Cap (8 x 40)	34 66 1
42-8750	Tie Rod	40 12 1	42-9570	Stud (8 x 25)	33 38 5
42-8760	Governor Shaft	40 22 1	42-9580	Nut	30 19 2
42-8770	Lever - Governor Spring	40 8 2	42-9580	Nut	32 20 4
42-8780	Speed Control Lever Assy.	40 6 1	42-9580	Nut	39 64 1
42-8790	Cover Assembly	40 29 1	42-9580	Nut (8)	33 19 3
42-8800	Gasket Cover	40 30 1	42-9580	Nut - Jam	40 10 2
42-8810	Pin - Grooved	40 5 2	42-9590	Nut - Connecting Rod	36 61 6
42-8810	Pin - Grooved	40 32 1	42-9600	Washer - Lock	32 25 4
42-8820	Governor Spring	40 23 1	42-9600	Washer - Lock	30 40 3
42-8830	O-Ring	40 7 2	42-9600	Washer - Lock	34 65 2
42-8850	Oil Pump Assembly	39 * 1	42-9600	Washer - Lock	34 67 2
42-8860	Plunger - Relief	38 40 1	42-9600	Washer - Spring	35 25 3
42-8870	Plug	38 38 1	42-9620	Nut - Jam	35 29 6
42-8880	Gasket	38 37 1	42-9640	Nut - Jam	40 36 1
42-8900	Body - Oil Pump	38 48 1	42-9660	Washer - Flat	38 23 6
42-8910	Rotor Assembly - Oil Pump	38 45 1	42-9660	Washer - Plain (8)	34 54 4
42-8920	Cover - Oil Pump	38 44 1	42-9670	Washer	43 9 3
42-8930	Spring - Relief	38 39 1	42-9680	Washer	43 3 A/R

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42-9690	Washer	43 * A/R	43-2930	Plate - Ungleich Set	41 * A/R
42-9700	Washer	43 * A/R	43-2940	Plate - Ungleich Set	41 * A/R
42-9710	Washer	43 * A/R	43-2950	Plate - Ungleich Set	41 * A/R
42-9720	Washer	43 * A/R	43-3000	Plate - Smoke Set	41 7 A/R
42-9730	Washer	43 *3 A/R	43-3010	Plate - Smoke Set	41 * A/R
42-9740	Washer	43 * A/R	43-3020	Plate - Smoke Set	41 * A/R
42-9750	Washer	43 * A/R	43-3030	Plate - Smoke Set	41 * A/R
42-9770	Washer	42 9 1	43-3040	Plate - Smoke Set	41 * A/R
42-9790	Washer - Head Bolt	33 32 8	43-3050	Plate - Smoke Set	41 * A/R
42-9800	Washer	33 20 2	43-3060	Plate - Smoke Set	41 * A/R
42-9810	Washer - Flat	37 86 1	43-3070	Plate - Smoke Set	41 * A/R
42-9820	Washer	39 73 1	43-3080	Plate - Smoke Set	41 * A/R
42-9830	Washer - Seal	38 3 2	43-3090	Plate - Smoke Set	41 * A/R
42-9850	Washer - Lock	33 2 24	43-3100	E-Ring	41 1 1
42-9850	Washer - Lock	35 7 11	43-3110	Spring - Ungleich Set	41 2 1
42-9850	Washer - Lock	40 9 2	43-3120	Washer - Seal	40 27 1
42-9850	Washer - Lock	38 31 7	43-3130	Hose - Water	33 13 1
42-9860	Washer - Spring	36 85 1	43-3140	Clamp - Hose	33 12 2
43-0080	Nut - Set	44 10 1	43-3150	Bolt/Washer Assembled	42 17 2
43-0090	Screw - Cap (10 x 25)	33 48 2	43-3160	Screw - Adjusting	40 33 1
43-0110	Screw - Cap, Hex. Hd.	38 14 4	43-3190	Screw - Cap, Hex. Hd.	30 41 3
43-0120	Screw - Set	44 3 1	43-3200	Screw - Cap, Hex. Hd.	32 24 4
43-0130	Screw - Set	44 19 1	43-3210	Screw - Cap, Hex. Hd.	30 28 4
43-0190	Spring Set	45 4 1	43-3320	Foam - Radiator	5 20 2
43-0370	Shim	39 65 A/R	43-3330	Radiator Shroud	5 14 1
43-0380	Spacer	39 66 1	43-3340	Grille - Sealing Plate	5 32 1
43-0390	Alternator	39 67 1	43-3350	Hose - Upper, Radiator	5 12 1
43-0400	Brace - Alternator	39 71 1	43-3510	Pulley - Engine	30 27 1
43-0410	Regulator Assembly	3 25 1	43-3530	Pulley Flywheel	32 26 1
43-0420	Pulley Assembly	44 2 1	43-3690	Fan - Shaft	32 2 1
43-0430	Bracket Assembly Front	44 4 1	43-3700	Hub-Fan	32 4 1
43-0440	Bearing - Front	44 5 1	43-3720	Collar - Bearing	30 32 1
43-0450	Rotor Assembly	44 7 1	43-3730	Bracket Throttle Control	30 52 1
43-0460	Bearing - Rear	44 8 1	43-3760	Lever Throttle	31 54 1
43-0470	Stator	44 9 1	43-3770	Link - Throttle	30 1 1
43-0480	Rear Bracket Assembly	44 14 1	43-3780	Swivel - Throttle Control	30 9 1
43-0490	Holder Assembly Brush	44 11 1	43-3790	Bracket Belt Guide	30 48 1
43-0500	Brush	44 12 2	43-3810	Tube - Air Cleaner	46 18 1
43-0510	Spring - Brush	44 15 1	43-3820	Spacer	3 34 1
43-0520	Rectifier Assembly	44 13 1	43-3830	Hose - Air Cleaner	46 10 1
43-1440	Engine	30 13 1	43-3850	Muffler	32 17 1
43-1710	Valve Assembly	26 13 1	43-3860	Shaft - Pivot P.T.O.	8 9 1
43-1730	Body	29 7 1	43-3870	Support - Muffler	32 8 1
43-1770	Plate - Rear	33 46 1	43-3880	Pulley	32 10 1
43-1780	Thermostat	33 14 1	43-3900	Guard - Fan Belt	7 5 1
43-1790	Fitting - Thermostat	33 10 1	43-3970	Panel - Instrument	3 16 1
43-1800	Flywheel	36 53 1	43-3980	Decal - Panel, Instrument	3 46 1
43-1810	Gear - Ring	36 54 1	43-3990	Throttle Control	3 23 1
43-1870	Manifold - Exhaust	33 42 1	43-4000	Circuit Breaker	3 21 1
43-1880	Control Unit Assembly	3 27 1	43-4010	Wire Assembly	4 4 2
43-1890	Screw	44 18 1	43-4040	Wire Assembly	4 3 1
43-1900	Screw - Cap, Hex. Hd.	39 68 1	43-4150	Fuel Tank	15 4 1
43-1910	Fan - Cooling	32 1 1	43-4160	Fitting - Return & Vent	15 13 1
43-1920	Nut Set	44 1 1	43-4190	Fitting Assembly	15 28 1
43-1940	Adapter - Temp. Gauge	30 11 1	43-4230	Hose	31 56 1
43-2550	Filter	6 15 1	43-4230	Hose Return	15 15 1
43-2560	Gasket	6 16 1	43-4300	Trim - Rear Frame	2 32 2
43-2570	Gasket	6 14 1	43-5500	Pivot P.T.O.	8 31 1
43-2580	Magnet	6 17 1	43-5540	Shaft P.T.O.	8 43 1
43-2600	Capscrew	38 10 2	43-5550	Shaft - Actuator P.T.O.	8 32 1
43-2710	O-Ring	38 19 1	43-5570	Arm, Actuator - P.T.O.	8 38 1
43-2720	Mold	44 16 1	43-5630	Yoke - P.T.O.	8 51 1
43-2730	Solenoid - Tubular	40 17 1	43-5690	Hose - Vent, Fuel Tank	15 16 1
43-2740	Gasket	40 19 1	43-5910	V-Belt	32 11 1
43-2750	Nut	40 18 1	43-5920	Washer - Lock	44 17 1
43-2770	Lever - Stop	40 35 1	43-5920	Washer - Lock	39 63 1
43-2800	Screw - Cap, Hex. Hd.	40 24 1	43-5930	Washer - Lock	40 15 7
43-2820	Sealing Cap	40 25 1	43-5930	Washer - Lock	35 28 2
43-2830	Nut	40 4 1	43-5930	Washer - Lock	34 57 4
43-2900	Retainer - Oil Level Guide	38 20 1	43-5950	Washer - Lock	30 26 4
43-2910	Plate - Ungleich Set	41 3 A/R	43-5960	Nut - Special	40 26 1
43-2920	Plate - Ungleich Set	41 * A/R	43-5970	Nut	39 62 1

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Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	No. Qty.			No.	No. Qty.
43-6240	Shim - Plate	42	* A/R	46-7710	Shaft Assembly - Clutch	45	* 1
43-6470	Nut	36	84 1	46-7720	Pinion Set	45	19 1
43-6510	Gear & Pinion Assembly	17	* 1	46-7730	Snap Ring	45	20 1
43-6550	Snap Ring	16	21 1	46-7740	Gear Set	45	* 1
43-6710	Adjustment Shim .003	16	15 A/R	46-7750	Shaft Assembly Pinion	45	18 1
43-6711	Adjustment Shim .005	16	16 A/R	46-7760	Gear	45	17 1
43-6712	Adjustment Shim .010	16	17 A/R	46-7770	Cover Set	45	16 1
43-6713	Adjustment Shim .030	16	18 A/R	46-7780	Yoke Assembly	45	11 1
43-6750	Roller Bearing Cup	16	10 1	46-7790	Brush Holder Assembly	45	13 1
43-6760	Roller Bearing Cone	16	9 1	46-8030	Spring - Brush	45	12 4
43-6800	Nut - Lock	18	18 8	46-8040	Bracket - Rear	45	14 1
43-6810	Torque - Spider	18	6 2	46-8050	Packing	45	10 1
43-6840	Lower Housing	17	34 1	46-8400	Needle Bearing	25	53 2
43-7020	Hose - Lower, Radiator	5	19 1	46-8410	Motor Shaft	25	58 1
43-8600	Spring - Compression	7	25 1	46-8810	Stop - Leaf Spring	23	56 1
43-8600	Spring - Compression	9	66 1	46-8840	Spring - Lift Arm	47	14 1
43-8610	Guide - Spring & Ball Seat	8	5 1	47-7420	Hose	31	55 1
43-8610	Guide - Spring & Ball Seat	7	24 1	48-1800	Cylinder Block Kit	24	5 2
43-8620	Guide - Switch Pin	7	27 1	48-1980	Gasket	36	78 1
43-8620	Guide - Switch Pin	9	68 1	48-1990	Nut - Jam	36	77 1
43-8860	Plunger - Switch	7	26 1	48-2010	Screen - Assembly Oil	36	76 1
43-8860	Plunger - Switch	9	67 1	48-2020	Cylinder Block Sub Assy.	34	62 1
43-8870	Boot - Switch	7	30 1	49-2280	Decal - Diesel Fuel	1	31 1
43-8870	Boot - Switch	9	71 1	49-7990	Cap - Shipping	35	31 1
43-9071	Assembly - Switch	7	34 1	53-4430	Decal - Oil	15	42 1
43-9071	Assembly - Switch	9	* 1	53-8150	Pump Assy. Fuel, Electric	6	13 1
44-2210	Warning Light	3	8 1	53-9480	Washer	32	28 2
44-2220	Wire Lead	3	6 1	53-9480	Washer	30	39 2
44-2230	Rubber Coupling	22	17 2	53-9660	V-Belt Torque Team	8	12 1
44-8070	Nozzle & Holder Assembly	33	34 3	53-9680	Engine Mount - Rubber	30	23 2
44-8080	Body	43	1 3	53-9680	Engine Mount - Rubber	32	29 2
44-8090	Lever Assembly Stop	40	31 1	53-9710	Engine Mount	30	22 2
44-8100	Spring Return	40	34 1	53-9750	Fan Mount	32	6 1
46-2210	Shim - Front Pinion Bearing	16	22 A/R	54-7890	Pump Housing	24	22 1
46-2211	Shim - Front Pinion Bearing	16	* A/R	54-8650	Screw - Cap, Flange Hd.	39	70 1
46-2212	Shim - Front Pinion Bearing	16	*22 A/R	54-8660	Washer	39	69 1
46-2213	Shim - Front Pinion Bearing	16	* A/R	54-8670	Bolt - Flywheel	36	52 5
46-2214	Shim - Front Pinion Bearing	16	* A/R	54-8680	Shim - Plate	42	* A/R
46-2215	Shim - Front Pinion Bearing	16	* A/R/	54-8690	Shim - Plate	42	* A/R
46-2216	Shim - Front Pinion Bearing	16	* A/R	54-8700	Plate - Smoke Set	41	* A/R
46-2220	Shim - Front Pinion Bearing	16	* A/R	54-8710	Plate - Smoke Set	41	* A/R
46-2221	Shim - Front Pinion Bearing	16	* A/R	54-8730	Plate - Smoke Set	41	* A/R
46-2222	Shim - Front Pinion Bearing	16	* A/R	54-8740	Plate - Smoke Set	41	* A/R
46-2223	Shim - Front Pinion Bearing	16	* A/R	54-8750	Plate - Smoke Set	41	* A/R
46-2224	Shim - Front Pinion Bearing	16	* A/R	54-8760	Plate - Smoke Set	41	* A/R
46-2225	Shim - Front Pinion Bearing	16	* A/R	54-8770	Plate - Smoke Set	41	* A/R
46-2226	Shim - Front Pinion Bearing	16	* A/R	54-8780	E-Ring	41	5 1
46-2410	Shim - Front Pinion Bearing	16	* A/R	54-9040	Yoke - End (Split)	9	63 1
46-2411	Shim - Front Pinion Bearing	17	*22 A/R	54-9180	Kit - U-Joint	9	58 2
46-2412	Shim - Front Pinion Bearing	17	* A/R	54-9290	Bracket	22	29 2
46-2413	Shim - Front Pinion Bearing	17	* A/R	54-9300	Cover	22	28 1
46-2414	Shim - Front Pinion Bearing	17	* A/R	55-3572	Fuel Cap	15	18 1
46-2415	Shim - Front Pinion Bearing	17	* A/R	55-4300	Warning Decal	47	12 3
46-2416	Shim - Front Pinion Bearing	17	* A/R	56-0960	Plate - Smoke Set	41	*7 A/R
46-2420	Shim - Front Pinion Bearing	17	* A/R	56-2460	Washer	19	45 A/R
46-2421	Shim - Front Pinion Bearing	17	* A/R	56-7980	Sleeve - Protective	15	24 1
46-2422	Shim - Front Pinion Bearing	17	* A/R	59-9740	Flexible Draw Latch	5	18 1
46-2423	Shim - Front Pinion Bearing	17	* A/R	60-9760	Nut	27	7 1
46-2424	Shim - Front Pinion Bearing	17	* A/R	60-9760	Nut - Hex	28	7 1
46-2425	Shim - Front Pinion Bearing	17	*22 A/R	60-9770	Piston	27	6 1
46-2426	Shim - Front Pinion Bearing	17	* A/R	60-9780	Head	27	5 1
46-6390	Drive Coupling	22	18 1	61-4960	Repair Kit	27	3 1
46-7610	Assembly - Starter	33	47 1	61-4980	Shaft - w/Clevis	27	2 1
46-7620	Screw - Set	45	1 1	61-4990	Ring - Retaining	27	4 1
46-7630	Bracket Assembly - Front	45	2 1	62-3010	Bracket, R.H.	7	4 1
46-7640	Lever Assembly	45	3 1	62-3020	Bracket L.H.	7	10 1
46-7650	Bracket Assembly - Center	45	5 1	62-3290	Shaft - Slip Yoke	9	60 1
46-7660	Switch Assembly	45	6 1	62-3730	Screw - Cap, w/Washer	35	8 2
46-7670	Armature Set	45	8 1	62-3740	Plate - Front	35	6 1
46-7680	Bearing - Front	45	7 1	62-3790	Tube - Slip Yoke	9	62 1
46-7690	Bearing - Rear	45	9 1	62-3800	Yoke - End	9	57 1
46-7700	Bolt Set	45	15 1	62-3820	Fitting - Grease	9	59 2

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62-4250	Cylinder - Hydraulic	26 21 1	70-1190	Cable - Ground	3 43 1
62-4290	O-Ring	25 54 2	70-1380	Sleeve - Protective	12 17 1
62-6840	Sender - Fuel Level	15 12 1	70-1390	Sleeve - Protective	12 15 1
62-6940	Cap	40 37 1	70-2200	Decal - Toro	1 2 1
62-7020	23x10.5x12 Tire Assembly	15 * 2	70-2620	Elbow - 90	22 38 1
62-7650	Gasket	15 8 1	71-4540	Washer - Thrust	19 8 A/R
63-1400	Belt Guide	31 58 1	71-4850	Cover Flywheel Guard	20 51 1
63-7590	Relay	3 42 1	72-3690	Fender	2 41 2
63-8280	Head Assembly	6 5 1	72-3750	Ball Bearing	24 2 1
63-8290	Vent	6 3 1	72-4200	Ring - Set - Piston Std.	35 44 3
63-8300	Element - Fuel Filter	6 10 1	72-4210	Ring Set - Piston	35 45 3
63-8310	Drain Valve	6 11 1	72-4220	Ring Set - Piston	35 46 3
63-8360	Key	3 11 1	72-4230	Ring Set - Piston	35 47 3
63-8960	Hose Assembly	5 30 1	72-4240	Piston & Piston Pin Std.	36 48 3
63-8970	Hose - Trans. to Steering	12 14 1	72-4250	Piston & Piston Pin	36 * 3
63-8980	Hose - Aux. to Valve	12 22 1	72-4260	Piston & Piston Pin	36 *48 3
63-8990	Hose	26 15 1	72-4270	Piston & Piston Pin	36 * 3
63-8990	Hose	12 23 1	72-4280	Camshaft	39 59 1
63-9010	Hose Assembly	5 24 1	72-4290	Assembly - Head, Cylinder	33 8 1
63-9260	Manifold - Valve	26 17 1	72-4320	Switch - Ball	8 3 1
63-9640	Hose Fuel	15 27 1	72-4320	Switch - Ball	7 20 1
63-9650	Hose	6 20 1	72-9420	Vent Tube Assembly	17 39 1
63-9720	Hose	6 7 1	74-0720	Tube - Manual	7 2 1
66-1250	Cylinder - Hydraulic	26 * 1	74-9510	Washer	25 60 4
66-1930	Nut - Lock	21 6 1	75-0560	Steering Wheel Assembly	12 3 1
66-1940	Piston	21 5 1	75-9560	Pump Shaft	24 20 1
66-2990	Cap - Spindle	20 54 2	75-9900	Engine Support - Front	30 29 1
66-3240	Radiator Cap Assy.	5 4 1	76-1900	O-Ring	24 18 2
66-5310	Idler Pulley	32 18 1	77-3100	Decal - Warning	5 11 3
66-5320	Spacer	32 19 1	77-3120	Bracket - Mount, Column	12 9 1
66-6140	Decal - Toro	5 7 1	77-3140	Engine Mount	32 22 1
66-6370	Lift Arm	47 1 1	80-2880	Bracket - Steering, Tilt	12 40 1
66-6390	Decal - Caution	1 3 1	80-2890	Handle - Steering, Tilt	12 34 1
66-7030	Screw - Cap, w/Washer	32 32 2	80-2930	Washer	12 39 1
66-7150	Push Arm R.H.	47 9 1	80-2940	Plate - Pivot	12 29 1
66-9760	Nut - Hex.	12 2 1	80-2960	Spacer - Tower	12 10 2
66-9970	Spring Kit	13 * 1	80-2970	Pin - Steering, Tilt	12 33 1
66-9980	Seal Kit	13 * 1	80-2980	Boss - Pin	12 32 1
66-9990	Needle Roller Kit	13 * 1	80-3330	Gasket	46 12 1
67-1710	Decal - Caution	1 30 1	82-2590	Plug - Thrust	37 88 1
67-1720	Decal - Torque	2 42 2	82-8650	Clamp - Half	12 37 1
67-1750	Bushing	19 4 6	82-8660	Cover - Tower	12 5 1
67-5450	Piston	28 6 1	82-8670	Rod - Brake Latch	10 10 1
67-5460	Head	28 5 1	82-8760	Elbow	12 12 1
67-5470	Ring - Retaining	28 4 1	82-8770	Elbow	12 21 1
67-5480	Shaft	28 2 1	82-8930	Decal - Parking Brake	10 12 1
67-5500	Repair Kit	28 3 1	82-8940	Decal - Steering, Tilt	12 44 1
67-8050	Needle Bearing	24 35 1	82-8970	Decal - Engine Coolant	5 3 1
67-8060	Lip Seal	24 36 1	82-9010	Disc - Friction	12 38 1
67-8190	Bracket - Engine Support	7 12 2	82-9970	Frame	2 40 1
67-8690	Support - Column	12 7 1	83-7260	Relief Valve Cone	24 31 2
67-9030	Grille	5 36 1	83-9150	Decal - Starting Fluid	46 19 1
67-9080	Motor Housing	24 4 1	84-4890	Drive Shaft Assembly	9 * 1
67-9090	Plug	24 42 1	84-5330	Bracket - Hood Prop	5 40 1
67-9100	Gasket	24 10 1	84-5380	Strap - Hood Prop	5 41 1
67-9800	Bumper	47 37 1	84-8500	Lever - P.T.O.	8 2 1
68-5140	Cap - Wheel, Steering	12 46 1	84-8520	Bracket - P.T.O. Switch	8 6 1
68-5370	Decal - Toro	12 1 1	84-8600	Shoe & Lining Assembly	18 9 1
68-8610	Fender - Extension	2 43 1	84-8610	Decal - 325D	5 8 2
68-8660	Elbow	22 31 1	86-7040	Rod - Seat Prop	7 32 1
68-8990	Head - Filter	22 33 1	86-7050	Bracket - Switch Actuator	9 73 1
68-9110	Shim	32 37 A/R	86-7220	Gear Transmission Output	22 44 1
68-9111	Shim	32 * A/R	86-7230	Spur-Gear	16 14 1
68-9112	Shim	32 * A/R	86-8100	Ball Joint Assembly	47 33 2
68-9160	Bracket	5 27 1	86-9410	Bracket - Seat Support	5 45 1
68-9650	Hose - Axle	22 37 1	86-9580	Upper Housing	17 26 1
68-9710	Hose - Steering Cylinder	15 43 2	86-9600	Differential Assembly	15 35 1
68-9720	Hose - Cylinder to Steering	12 19 1	88-0070	Floor Plate	2 48 1
68-9730	Hose - Steering to Cylinder	12 18 1	88-0470	Tube - Pedal Spacer	11 49 1
68-9760	Fuel Tank Base	15 2 1	88-0530	Pedal - Traction	10 18 1
70-1180	Cable - Battery Positive	1 13 1	88-1640	Pin - Traction Pedal	10 20 1
70-1190	Cable - Ground	3 43 1	88-1650	Shaft - Traction Pedal	10 22 1

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# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
88-1670	Bracket - Pivot	10	23	1	237-30	O-Ring	23 59 1
88-1680	Bracket - Footrest	10	48	1	237-30	Seal - O-Ring	8 4 1
88-1710	Footrest	11	50	1	237-30	Seal - O-Ring	7 23 1
88-1720	Pad - Footrest	11	51	1	237-42	O-Ring	29 2 2
88-1730	Pad - Front Pedal	10	47	1	237-42	O-Ring	26 31 2
88-1740	Pad - Pedal	10	19	1	237-42	O-Ring	23 57 2
88-1790	Wire Harness Assembly	4	2	1	237-78	O-Ring	26 32 2
88-1820	Radiator Support	5	35	1	237-80	O-Ring	22 30 1
92-4058	Arm - P.T.O.	8	30	1	237-80	O-Ring	24 33 1
92-4060	Fork P.T.O.	8	24	1	237-81	O-Ring	22 32 3
92-4903	Assy. - Upper Hsg., 2WD	17	*	1	237-86	O-Ring	24 7 4
92-5723	Bushing - P.T.O. Fork	8	23	2	237-95	O-Ring	24 41 1
92-5727	Screw - Cap, Hex. Hd.	8	22	2	241-119	Dust Cap	19 20 2
92-5838	Ball Joint	19	14	2	242-34	Axle Flange Stud	18 11 10
92-6588	Gland	21	3	1	242-50	Nut - Wheel	19 21 10
92-6593	Seal Kit	21	2	1	249-21	Hook Clamp	1 16 3
92-7308	Valve - Steering, Power	12	25	1	249-40	Keeper	5 10 1
92-7310	Bolt - Special	13	36	4	2412-3	Hose - Clamp	46 9 1
92-7314	Assembly - Column	13	*	1	2412-3	Hose Clamp	5 5 4
92-7315	Seal	13	28	1	2412-4	Clamp	15 23 1
92-7316	Nut - Push On	13	38	4	2412-4	Clamp	1 27 3
92-7317	Foam	13	39	1	2412-6	Clamp	15 17 2
92-7800	Cover - Battery Access	1	21	1	2412-31	Clamp - Bodine	30 6 1
92-7801	Shield - Battery Cover	2	53	1	2412-34	Clamp - Hose	22 36 2
92-7802	Decal - Starting Instructions	1	20	1	2412-36	Clamp	12 24 2
92-7803	Support - Axle	19	6	1	2412-36	Clamp Hose	26 16 1
92-7807	Pin - Rear Axle	19	3	1	2412-39	Clamp	5 31 1
92-7816	Axle - Rear	19	35	1	2412-39	R-Clamp	15 25 2
92-7821	Steering Pivot	19	38	1	2412-42	Hose Clamp	46 11 1
92-7823	Spindle Assembly L.H.	19	33	1	2412-61	Clip - Tinnerman	1 25 2
92-7825	Spindle Assembly R.H.	19	1	1	2412-74	Clamp	2 35 1
92-7827	Wire - Hour Meter Ground	4	1	1	2412-79	Clamp	15 14 1
92-7828	Cylinder - Hyd. Steering	21	*	1	2412-79	Clamp	30 15 1
92-7828	Cylinder - Hydraulic	19	16	1	2412-79	Clamp - Hose	38 34 8
92-7833	Hose - (Valve to Cylinder)	26	19	1	2412-108	Clamp - Hose	26 28 2
92-7834	Line - Hose	26	22	1	2412-108	Clamp - Worm Drive	30 14 1
92-8775	Gasket Kit - Wheel Bearing	18	20	1	2412-108	Hose Clamp	6 1 5
92-8776	Plug	25	61	4	2412-133	R-Clamp	7 3 2
92-8777	O-Ring	25	62	4	251-8	Ball Bearing	24 46 1
92-8918	Center Section	25	55	1	251-234	Lock Collar	8 41 2
92-8947	Transmission - Inline	22	42	1	251-252	Ball Bearing	30 33 1
212-93	Wire Clip	7	18	2	251-252	Ball Bearing	8 40 2
212-93	Wire Clip	9	53	1	251-259	Ball Bearing	22 5 1
217-106	Wheel	19	22	2	252-82	Needle Bearing	24 23 2
217-116	Rim - 23x10.5x12	15	*	2	253-129	Closure	19 31 2
217-117	Rim	15	33	2	254-65	Cone - Tapered Bearing	17 28 2
218-461	Nut - Jam	7	29	2	254-66	Cup - Tapered Bearing	17 27 2
218-461	Nut - Jam	9	70	2	254-72	Cup - Bearing	19 29 4
218-473	Toggle Switch Boot	3	17	1	254-90	Bearing Cup	17 24 1
218-515	Mounting Bracket	3	39	1	254-91	Bearing Cone	17 23 1
218-533	Lens	3	9	1	254-94	Cone - Bearing	19 28 4
218-539	Clamp	3	13	1	256-10	Bushing	10 43 4
231-90	Tube - Inner	15	*	2	256-113	Bushing - Flange	8 47 4
231-95	Tire - 23x10.5x12	15	*	2	256-121	Bushing - Thrust	19 34 2
231-101	Tire	15	31	2	256-126	Bushing	47 16 6
231-105	Tire	19	24	2	256-156	Bushing	10 6 5
232-27	Valve Stem	15	*	1	256-242	Bushing	19 41 2
232-31	Valve Stem w/Cap	19	23	2	281-1	Plug - Taper	38 16 1
232-31	Valve Stem w/Cap	15	34	2	283-10	Pin	47 40 3
233-17	Knob	10	11	1	283-17	Pin	26 26 1
233-21	Knob	26	3	1	283-42	Clevis Pin	8 7 1
233-21	Knob - Handle	12	35	1	283-58	Clevis Pin	10 14 2
233-35	Knob	3	7	2	283-74	Clevis Pin	8 26 1
237-7	Seal - O-Ring	7	28	1	283-76	Pin - Lynch	5 39 1
237-7	Seal - O-Ring	9	69	1	285-17	Pipe Plug	24 12 4
237-22	O-Ring	19	13	2	289-37	Pipe Nipple	15 40 1
237-22	O-Ring	24	13	1	2811-9	Street Elbow	15 39 1
237-22	O-Ring	12	20	3	302-2	Grease Fitting	8 39 1
237-22	O-Ring	26	29	2	302-5	Fitting - Grease	19 19 3
237-22	O-Ring	23	58	1	302-5	Fitting - Grease	10 44 2
237-30	O-Ring	12	13	3	302-5	Grease Fitting	47 13 1
237-30	O-Ring	26	30	2	302-5	Grease Fitting	47 34 2

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Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.			
		No.	Qty.			No.	Qty.		
302-10	Grease Fitting	8	10	1	3220-5	Nut - Jam	10	46	1
302-10	Grease Fitting	30	31	1	3220-5	Nut - Jam, R.H. Thd.	19	40	2
302-11	Fitting - Grease	19	36	1	3220-6	Nut	13	27	1
302-33	Grease Fitting	47	28	2	3220-6	Nut - Jam	19	37	4
302-40	Fitting - Grease.	19	11	2	3220-12	Nut - Jam, L.H. Thd.	19	*	2
302-55	Fitting - Grease	27	1	2	3229-1	Bolt - Carriage	2	38	5
302-55	Grease Fitting	28	1	2	3230-1	Bolt - Carriage	11	52	2
302-58	Fitting - Grease	9	61	1	3230-2	Bolt - Carriage	15	29	3
304-46	Drain Cock	5	21	1	3231-21	Bolt - Carriage	10	31	2
304-73	Fitting - Straight Barb	26	23	1	3233-14	Bolt - Carriage	32	9	1
304-73	Hose Barb	6	19	1	3234-1	Screw - Cap, Locking Hex.	5	15	2
304-75	Fitting - 90° Barb	26	20	1	3234-11	Screw - Cap, Hex. Hd.	10	39	3
304-96	90° Hose Barb	6	2	1	3234-11	Screw - Cap, Hex. Hd.	32	31	4
321-2	Screw - Cap, Hex. Hd.	22	26	2	3234-11	Screw - Cap, Hex. Hd.	30	45	4
321-3	Screw - Cap, Hex. Hd.	32	36	4	3234-11	Screw - w/Locking Flange	1	28	5
321-4	Screw - Cap Hex. Hd.	9	72	1	3234-11	Screw w/Locking Flange	7	13	6
321-4	Screw - Cap, Hex. Hd.	6	4	2	3234-12	Screw - Hex. Hd. Flange	1	6	4
321-4	Screw - Cap, Hex. Hd.	30	7	1	3234-12	Screw - Lock, Flange	32	33	2
321-4	Screw - Cap, Hex. Hd.	22	27	2	3234-13	Screw	20	53	2
321-4	Screw - Cap, Hex. Hd.	3	30	2	3234-14	Screw - Cap, Hex Hd.	19	2	1
321-6	Screw - Cap Hex. Hd.	5	42	1	3234-14	Screw - Cap, Hex. Hd.	7	6	5
321-6	Screw - Cap, Hex. Hd.	22	47	2	3234-14	Screw - Cap, Hex. Hd.	2	44	2
321-6	Screw - Cap, Hex. Hd.	6	12	2	3234-14	Screw - Hex, Flange Hd.	5	13	11
321-6	Screw - Cap, Hex. Hd.	15	20	1	3234-17	Screw - Cap, Hex. Hd.	12	8	2
321-6	Screw - Cap, Hex. Hd.	3	44	1	3234-17	Screw - Cap, Hex. Hd.	7	16	4
321-23	Screw - Cap, Hex. Hd.	26	14	5	3234-18	Screw - Cap, Hex. Hd.	31	60	1
322-2	Screw - Cap, Hex. Hd.	7	21	2	3234-25	Screw - Cap, Flange Hd.	2	50	4
322-3	Screw - Cap, Hex. Hd.	46	13	4	3234-32	Screw - Cap, Hex Flange	19	7	4
322-3	Screw - Cap, Hex. Hd.	15	26	2	3234-32	Screw - w/Locking Flange	7	11	2
322-4	Screw - Cap, Hex. Hd.	24	37	4	3241-5	Screw - Set, Sq. Hd.	22	16	2
322-4	Screw - Cap, Hex. Hd.	12	43	1	3245-1	Set Screw	8	46	2
322-5	Screw - Cap, Hex. Hd.	3	29	2	3245-5	Screw - Set, Socket Head	30	36	2
322-5	Screw - Cap, Hex. Hd.	2	34	1	3246-3	Set Screw	8	29	4
322-6	Screw - Cap, Hex. Hd.	22	21	6	3249-11	Screw - Mach. Rd. Hd.	22	1	2
322-6	Screw - Cap, Hex. Hd.	5	33	1	3250-17	Screw - Pan Hd.	3	22	2
322-8	Screw - Cap, Hex. Hd.	22	25	2	3253-3	Washer - Lock	15	5	2
322-9	Screw - Cap Hex. Hd.	9	65	2	3253-3	Washer - Lock	32	35	4
322-17	Screw - Cap, Hex. Hd.	22	8	1	3253-3	Washer - Lock	30	51	3
323-6	Screw - Cap, Hex Hd.	19	46	1	3253-4	Washer - Lock	1	8	2
323-6	Screw - Cap, Hex. Hd.	12	27	2	3253-4	Washer - Lock	32	21	5
323-7	Capscrew	22	39	2	3253-4	Washer - Lock	30	47	2
323-13	Screw - Cap, Hex. Hd.	24	3	4	3253-6	Washer - Lock	47	7	2
323-13	Screw - Cap, Hex. Hd.	10	32	2	3253-17	Washer - Lock	3	3	6
323-14	Screw - Cap, Hex. Hd.	5	23	3	3253-17	Washer - Lock	15	9	1
324-4	Screw - Cap, Hex. Hd.	47	19	2	3253-21	Washer - Lock	10	29	4
324-11	Screw - Cap, Hex. Hd.	32	27	2	3253-21	Washer - Lock	15	38	2
324-12	Screw - Cap, Hex. Hd.	47	22	2	3253-21	Washer - Lock	22	40	2
324-12	Screw - Cap, Hex. Hd.	30	38	2	3253-21	Washer - Lock	19	47	1
324-23	Screw - Cap, Hex. Hd.	16	11	4	3253-21	Washer - Lock	9	55	4
329-7	Screw - Cap, Hex. Hd.	30	53	1	3254-2	Washer - Lock Internal	2	51	1
3210-7	Screw - Cap, Hex. Hd.	22	6	1	3254-2	Washer - Lock, Int. Tooth	30	18	2
3210-7	Screw - Cap, Hex. Hd.	16	19	8	3254-2	Washer - Lock, Int. Tooth	3	24	6
3217-5	Nut	30	50	1	3254-7	Washer - Lock	8	15	1
3217-6	Nut	46	2	2	3254-9	Washer - Lock	22	49	2
3217-6	Nut - Hex	3	32	2	3255-5	Washer - Lock	3	38	1
3217-6	Nut - Hex.	1	7	2	3255-7	Washer - Lock, Ext. Tooth	3	31	3
3217-7	Nut - Hex	10	28	2	3255-7	Washer - Lock	22	50	3
3217-8	Nut - Full	47	8	2	3255-7	Washer - Lock, Ext. Tooth	6	21	2
3217-9	Nut	20	50	2	3255-8	Washer - Lock	16	2	8
3217-16	Nut - Hex.	22	48	2	3255-9	Washer - Lock External	31	61	1
3217-26	Nut	3	37	1	3256-1	Washer - Flat	3	45	1
3218-5	Nut - Jam	10	3	2	3256-3	Washer - Flat	22	23	4
3218-7	Nut - Jam	12	42	1	3256-3	Washer - Flat	12	28	4
3219-1	Nut	30	2	5	3256-6	Washer - Flat	8	20	1
3219-2	Nut	16	1	8	3256-6	Washer - Flat	20	49	2
3219-2	Nut - Hex	22	9	1	3256-6	Washer - Flat	22	53	1
3219-3	Nut	8	33	1	3256-14	Washer - Flat	3	35	1
3219-7	Nut	8	16	1	3256-22	Washer - Flat	10	8	1
3219-14	Nut	3	1	6	3256-22	Washer - Flat	30	8	1
3219-14	Nut	15	10	1	3256-22	Washer - Flat	5	43	1
3220-3	Nut - Jam	10	27	1	3256-23	Washer - Flat	7	9	1
3220-3	Nut - Jam	19	43	8	3256-23	Washer - Flat	7	22	2

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# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3256-25	Washer - Flat	47	6	1	32120-69	Ring - Retaining, External	30	35	1
3256-26	Washer - Flat	10	40	1	32120-72	Ring - Retaining External	22	43	1
3256-28	Washer - Flat	8	14	4	32121-6	Pin - Roll	22	11	1
3256-28	Washer - Flat	19	27	2	32121-9	Pin - Roll	8	49	1
3256-41	Washer - Flat	8	36	4	32121-15	Roll Pin	17	30	1
3256-46	Washer - Flat	12	26	2	32121-16	Pin - Roll	10	24	1
3256-64	Washer - Flat	30	25	4	32121-24	Pin - Roll	23	55	1
3257-5	Woodruff Key	8	11	3	32121-34	Pin - Roll	8	45	2
3257-30	Key - Woodruff	32	3	2	32121-73	Pin - Slotted Spring	26	9	1
3257-32	Woodruff Key	22	15	1	32121-84	Roll Pin	47	25	2
3257-32	Woodruff Key	24	21	1	32121-91	Pin - Coil, Spring	24	49	3
3257-33	Key Woodruff	30	30	1	32128-20	Nut - Flange	46	21	4
3258-19	Screw - Mach. Rd. Hd.	46	16	2	32128-20	Nut - Flange	15	37	3
3272-5	Cotter Pin	10	7	3	32128-20	Nut - Flange	12	41	1
3272-6	Cotter Pin	26	8	1	32128-20	Nut - Hex. Hd. Flange	5	2	11
3272-6	Cotter Pin	10	21	6	32128-20	Nut - Lock, Flange	2	37	1
3272-10	Cotter Pin	8	8	1	32128-21	Nut - Flange Hd.	5	28	3
3272-10	Cotter Pin	47	38	3	32128-21	Nut - Lock, Flange	1	5	10
3272-10	Cotter Pin	23	54	1	32128-23	Nut - Lock, Flange	19	5	4
3272-11	Cotter Pin	47	2	2	32128-23	Nut - Lock, Flange	32	16	1
3272-11	Cotter Pin	8	28	1	32128-23	Nut - Lock, Flange	30	24	2
3272-13	Pin - Cotter	19	26	2	32128-25	Nut - Flange Lock	11	53	2
3272-16	Cotter Pin	32	14	2	32128-33	Nut - Lock, Flange	2	39	5
3272-22	Cotter Pin	8	17	2	32128-37	Nut - Lock, Flange	32	23	2
3272-24	Cotter Pin	47	10	1	32128-37	Nut - Lock, Flange	30	44	2
3272-33	Cotter Pin	47	17	1	32128-42	Nut - Flange Lock	47	27	4
3274-47	Screw - Flat Hd. Socket	10	33	1	32136-2	Nut	47	3	2
3290-134	Screw - Hex. Hd. Mach.	3	4	2	32136-3	Nut - Hex. Slotted	32	13	2
3290-144	Screw - Machine	1	17	6	32136-5	Nut - Slotted	19	25	2
3290-224	Washer - Lock	31	59	1	32144-10	Screw - Cap, Thd. Forming	20	52	2
3290-271	Rivet	5	9	4	32144-10	Screw - Hex. Hd. Self Tap	12	6	6
3290-357	Nut - Lock, Flange	32	7	8	32144-10	Screw - Hex. Hd. Self Tap	7	33	2
3290-357	Nut - Lock, Flange	7	14	6	32144-10	Screw - Self Tapping	26	4	2
3290-357	Nut - Lock, Flange	1	26	5	32144-10	Screw - Self-Tapping	5	1	5
3290-357	Nut - Lock, Flange	30	43	7	32144-10	Screw, Self-Tapping	2	45	11
3290-378	Cable Tie	6	8	A/R	32144-21	Screw	12	45	1
3290-378	Cable Tie	1	23	2	32144-53	Screw - Thread Forming	15	11	5
3290-379	Cable Tie	30	16	1	32144-67	Screw - Hex. Hd. Self Tap	15	36	4
3290-379	Cable Tie	5	29	4	32146-20	Nut - Lock	19	9	1
3290-379	Cable Tie	3	41	1	32149-2	Nut	6	9	2
3290-379	Tie - Cable	12	16	3	32149-2	Nut	6	22	2
3290-424	Screw - Hex. Hd. Mach.	3	28	1	32149-2	Nut	10	37	1
3296-2	Nut	1	14	6	32149-2	Nut - Lock	3	33	3
3296-6	Nut - Lock	8	34	1	32151-36	Ring - Retaining	19	12	3
3296-12	Nut - Lock.	3	26	3	32151-46	Retaining Ring	24	27	2
3296-16	Nut - Lock	5	44	1	32151-104	Ring - Retaining	19	10	2
3296-16	Nut - Lock	9	74	1	32152-1	Nut - Lock	22	19	8
3296-20	Nut - Lock	30	5	1	32152-1	Nut - Lock, Flange	30	12	1
3296-20	Nut - Lock	15	22	2	32153-2	Nut - Hex.	12	11	2
3296-20	Nut - Lock	12	30	4	32153-2	Nut - Lock	10	30	2
3296-28	Nut - Lock	8	27	1	32153-2	Nut - Lock	31	57	1
3296-29	Nut - Lock	22	4	1	340-54	Fitting 45°	19	15	2
3296-29	Nut - Lock	12	36	2	340-70	Nut - Lock, Bulkhead	5	26	2
3296-29	Nut - Lock	9	64	2	340-71	Union - Bulkhead	5	25	2
3296-42	Nut - Lock	22	10	6	340-77	Elbow	22	12	1
3296-42	Nut - Lock	26	10	5	340-97	Fitting - 90°	26	25	1
32103-2	Nut - Wing	1	11	3	340-99	Elbow	22	13	1
32103-2	Nut - Wing	5	37	2	340-99	Fitting - 90° Elbow	26	12	1
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\*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 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 – 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.
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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