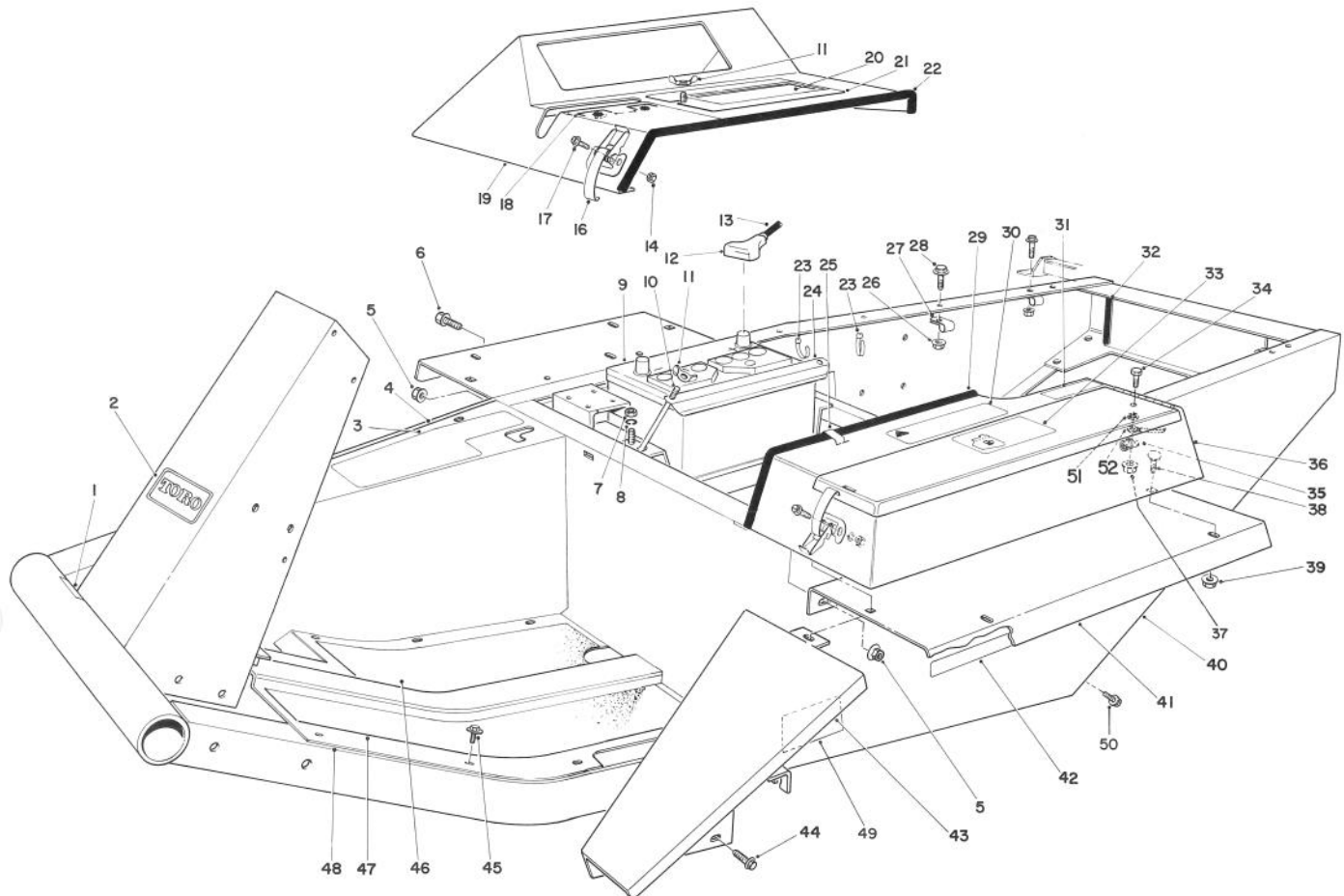




MODEL NO. 30739-20001 & UP
MODEL NO. 30722-20001 & UP
MODEL NO. 30710-20001 & UP

PARTS CATALOG

GROUNDMASTER® 325D International TRACTION UNIT & ACCESSORIES



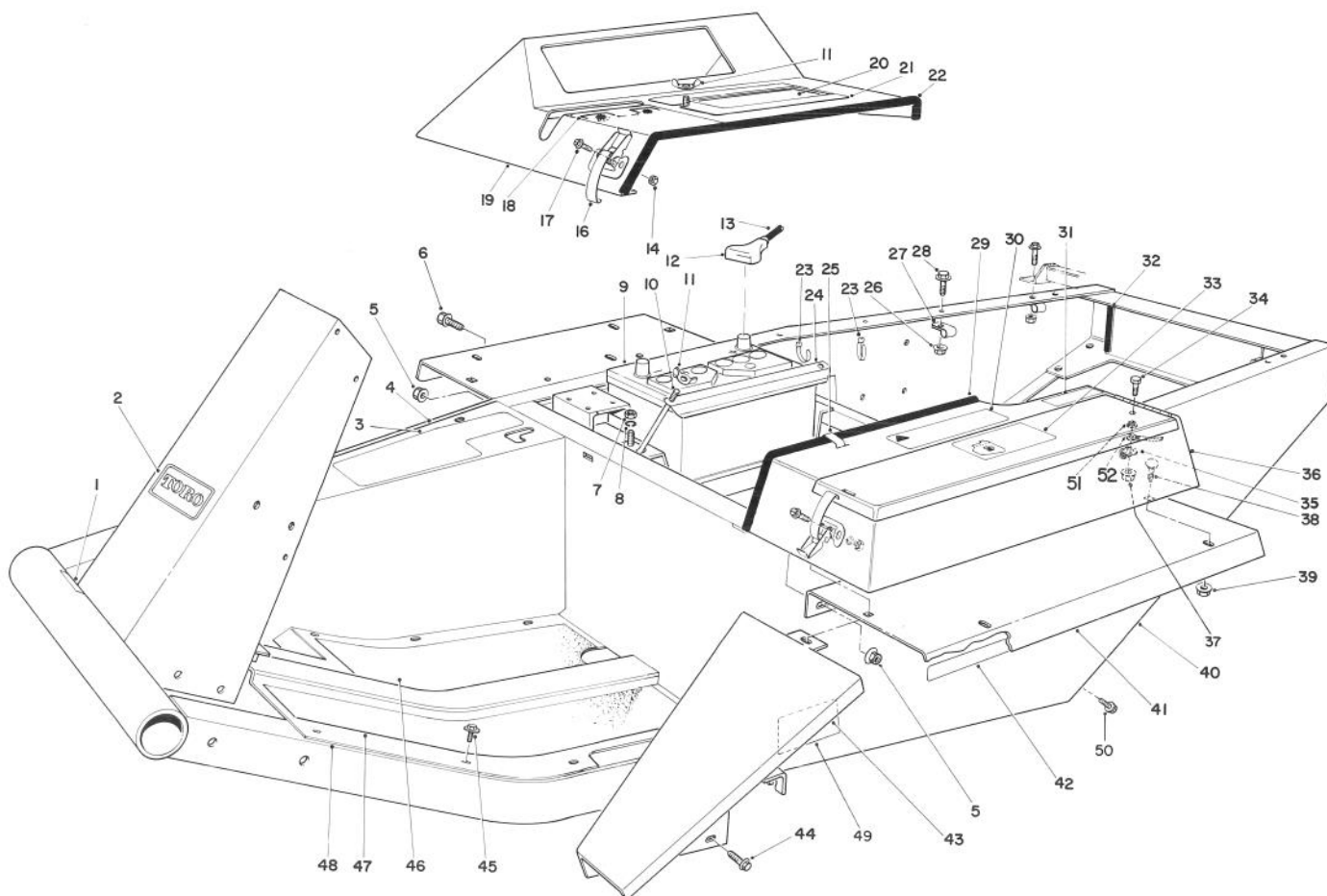
T-0407

MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-7320	Decal - Traction Pedal	1
2	70-2200	Decal - Toro	1
3	66-6390	Decal - Caution	1
4	21-2660	Footrest	1
5	32128-21	Nut - Flange Lock	10
6	3234-12	Screw - Hex. Hd. Flange	4
7	3217-6	Nut - Hex.	2
8	3253-4	Washer - Lock	2
†9		Battery Type MF24-78	1
10	24-6390	Stud - Battery Hold Down	2
11	32103-2	Nut - Wing	3
12	28-1280	Boot - Cable	1
13	70-1180	Cable - Battery Positive (Incl. Ref. #12)	1
14	3296-2	Nut	6
16	249-21	Hook Clamp	3
17	3290-144	Screw - Machine	6

Ref. No.	Part No.	Description	No. Used
18	27-7290	Decal - Power Take off	1
19	38-4550	Instrument Cover	1
20	43-4290	Decal - Starting Instructions	1
21	24-9740	Cover - Battery Access	1
22	39-8020	Trim - Instrument Cover	1
23	3290-378	Cable Tie	2
24	24-6420	Hold Down - Battery	1
25	2412-61	Clip - Tinnerman	2
26	3290-357	Nut - Flange Lock	5
27	2412-4	Clamp	3
28	3234-11	Screw - Flange Lock	5
29	37-9650	Trim	1
30	67-1710	Decal - Caution	1
31	49-2280	Decal - Diesel Fuel	1
32	43-4300	Trim - Rear Frame	2
33	27-7310	Decal - Refueling	1
34	322-5	Screw - Cap Hex. Hd.	1

†Obtain Locally

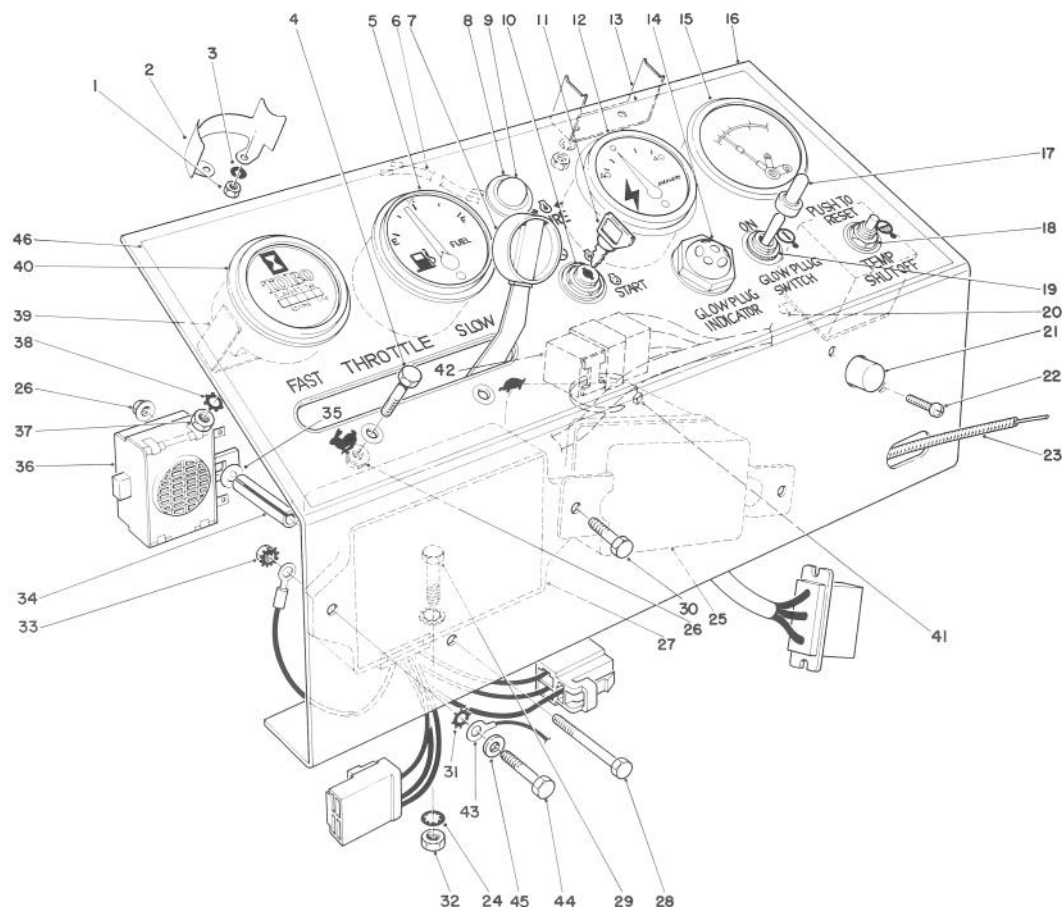


T-0407

MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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 (Incl. Ref. #5 & 50)	1
41	72-3690	Fender	2
42	67-1720	Decal - Torque	2
43	68-8610	Fender - Extension	1

Ref. No.	Part No.	Description	No. Used
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	77-3210	Floor Plate	1
49	75-0810	Decal - Caution	2
50	3234-25	Screw - Cap, Flange Hd.	4
51	3254-2	Washer - Lock I.T.L.W.	1
52	18-2770	Cable - Ground	1

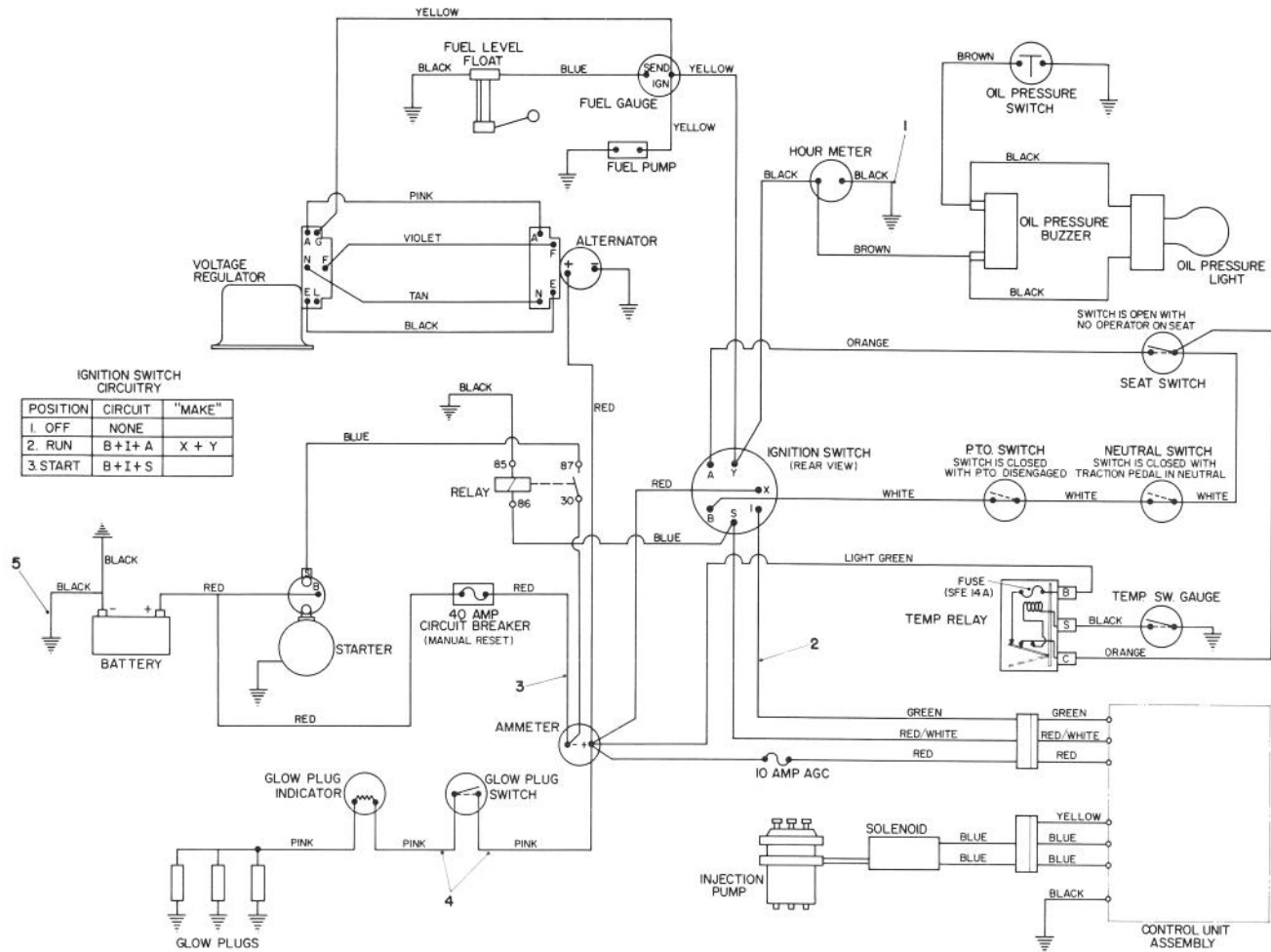


T-0408

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3219-14	Nut	6	22	3250-17	Screw - Pan Hd.	2
2	38-1670	Clamp Mounting	2	23	43-3990	Throttle Control (Incl. Ref. #7)	1
3	3253-17	Washer - Lock	6	24	3254-2	Washer - Lock I.T.L.W.	6
4	3290-134	Screw - Hex. Hd. Mach.	2	25	43-0410	Regulator Assembly	1
5	38-1650	Fuel Gauge (Incl. Ref. #1-3)	1	26	32128-17	Nut - Lock, Flange Hd.	3
6	44-2220	Wire Lead	1	27	43-1880	Control Unit Assembly	1
7	233-35	Knob	2	28	3290-424	Screw - Hex. Hd. Mach.	1
8	44-2210	Warning Light (Incl. Ref. #9)	1	29	322-5	Screw - Cap Hex. Hd.	2
9	218-533	Lens	1	30	321-4	Screw - Cap Hex. Hd.	2
10	27-2360	Key Switch (Incl. Ref. #11)	1	31	3255-7	Washer - Lock E.T.L.W.	3
11	63-8360	Key	1	32	3217-6	Nut - Hex	2
12	38-1660	Ammeter (Incl. Ref. #1-3)	1	33	32149-2	Nut - Lock	3
13	218-539	Clamp	1	34	43-3820	Spacer	1
14	42-9190	Glow Lamp	1	35	3256-14	Washer - Flat	1
15	26-6750	Engine Temperature Gauge (Incl. Ref. #1, 3, & 13)	1	36	22-7820	Buzzer Assembly	1
16	43-3970	Panel - Instrument	1	37	3217-26	Nut	1
17	218-473	Toggle Switch Boot	1	38	3254-1	Washer - Lock	1
18	26-6740	Temperature Reset Relay	1	39	218-515	Mounting Bracket	1
19	6-1659	Toggle Switch (Incl. Ref. #17)	1	40	12-9990	Hour Meter (Incl. Ref. #37-39)	1
†20		Fuse - Temp. Relay	1	41	3290-379	Cable Tie	1
		14 Amp. SFE	1	42	63-7590	Relay	1
21	43-4000	Circuit Breaker	1	43	70-1190	Cable - Ground	1
				44	321-6	Screw - Cap Hex. Hd.	1
				45	3256-1	Washer - Flat	1
				46	43-3980	Decal - Instrument Panel	1

†Obtain Locally

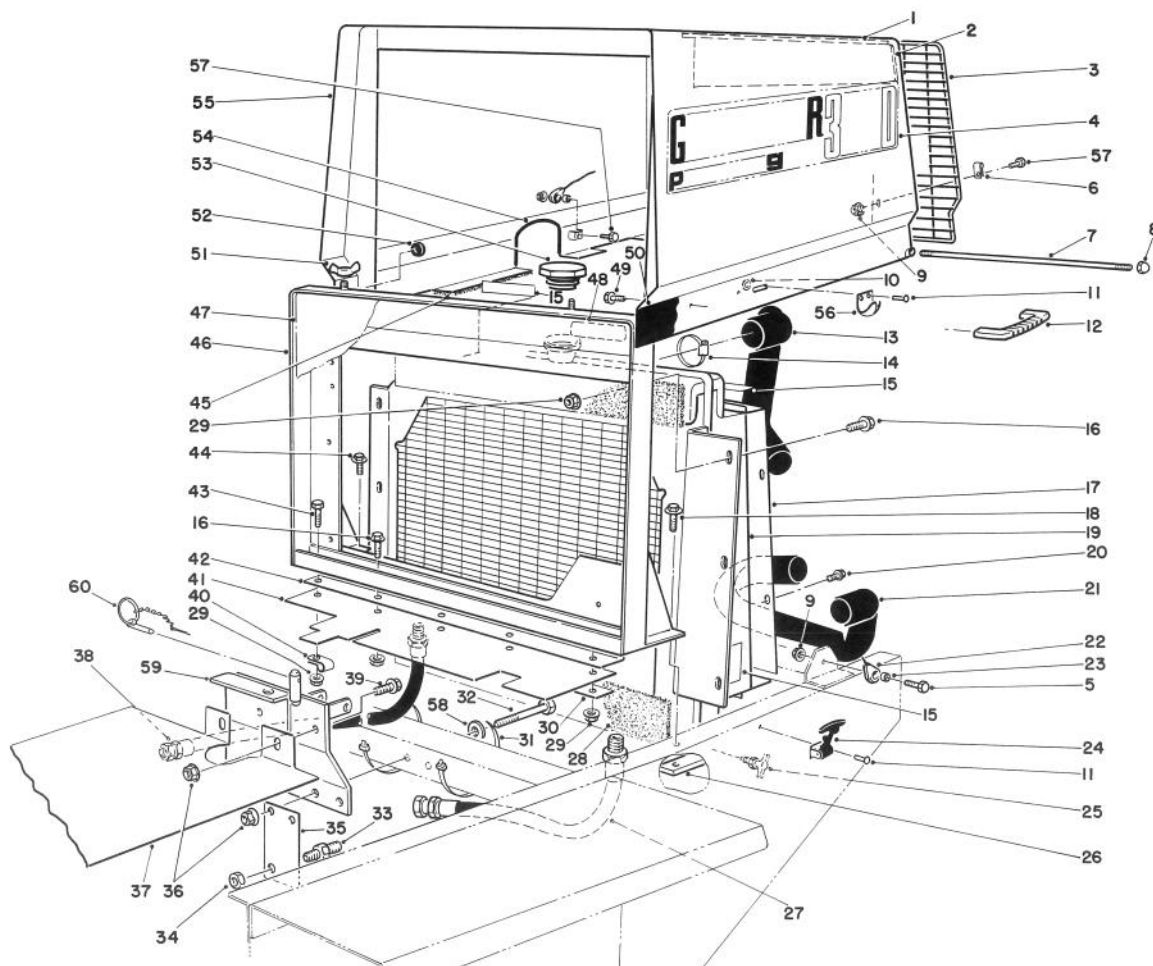


T-0409

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	21-2370	Wire - Hour Meter Ground	1
2	70-1230	Wire Harness Assembly	1
3	43-4040	Wire Assembly	1

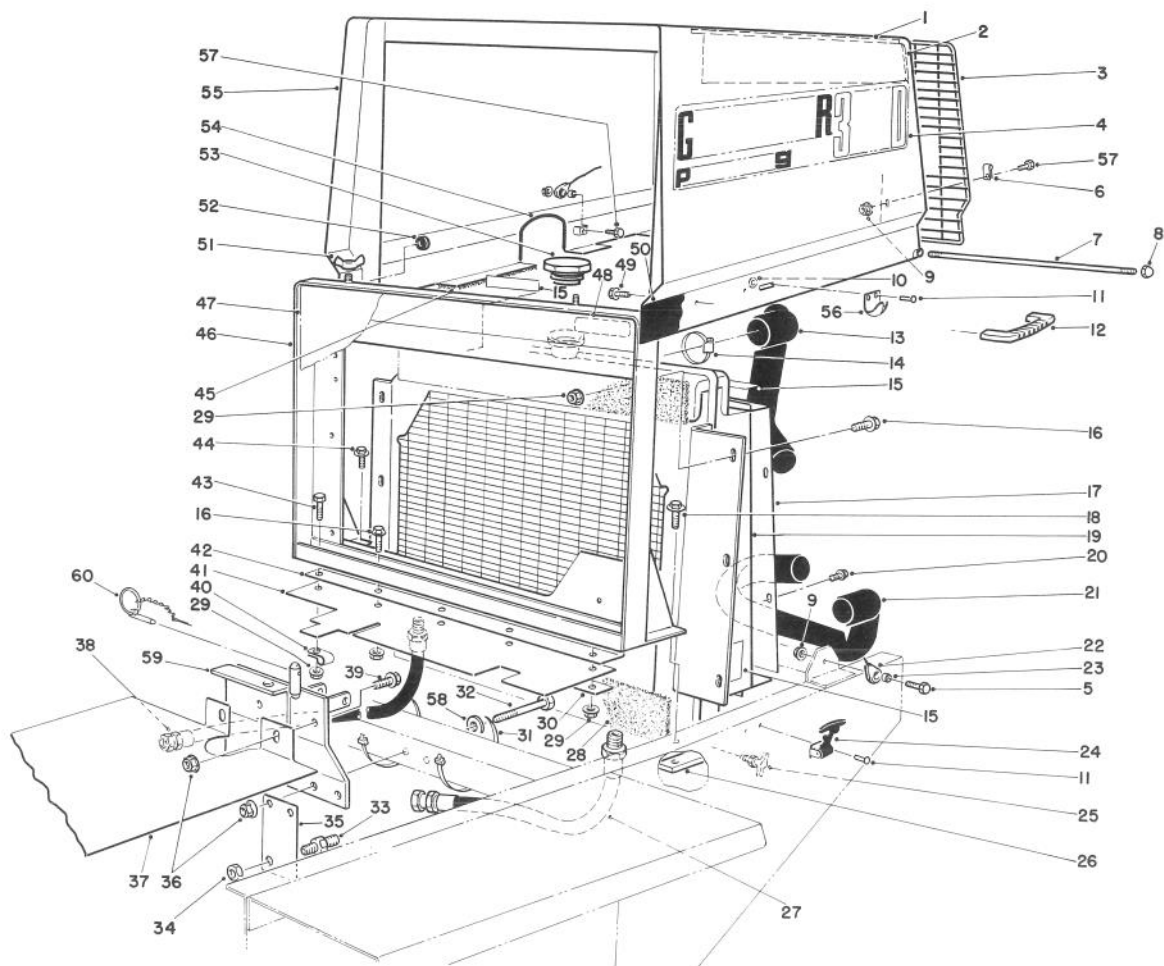
Ref. No.	Part No.	Description	No. Used
4	43-4010	Wire Assembly	2
5	70-1190	Ground Cable	1



T-1185

RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	77-5170	Foam - Top	1	27	63-9010	Hose Assy. - Cooler/Pump	1
2	77-5160	Foam - Side	1	28	43-3320	Foam - Radiator	2
3	67-9000	Screen - Rear	1	29	32128-20	Screw - Flange Hex. Hd.	11
4	84-8610	Decal - Groundmaster	2	30	67-8470	Strip - Retainer	1
5	321-4	Screw - Cap Hex. Hd.	2	31	3290-379	Tie - Cable	4
6	2412-127	Clamp	4	32	323-14	Screw - Cap Hex. Hd.	3
7	67-8840	Pin - Hinge	1	33	340-71	Union - Bulkhead	2
8	32111-8	Nut - Acorn	2	34	340-70	Nut - Lock Bulkhead	2
9	32128-32	Nut - Flange	8	35	68-9160	Bracket	1
10	3269-10	Washer - Backup	2	36	32128-21	Nut - Flange	5
11	3290-271	Rivet	4	37	67-8530	Plate - Sealing	1
12	65-5100	Handle - Hood	1	38	63-8960	Hose Assy. - Valve/Cooler	1
13	43-3350	Hose - Upper Radiator	1	39	3234-11	Screw - Flange	2
14	2412-3	Clamp - Hose	4	40	2412-39	Clamp	1
15	77-3100	Decal - Warning	3	41	67-8570	Strip - Sealing	1
16	3234-14	Screw - Flange Hex. Hd.	11	42	43-3340	Plate - Sealing, Grille	1
17	43-3330	Shroud - Radiator	1	43	322-6	Screw - Cap Hex. Hd.	1
18	3234-1	Screw - Flange Hex. Hd.	2	44	11-0590	Screw - Self Tapping	2
19	33-2570	Radiator Assembly	1	45	82-8950	Foam - Flange Hood	2
20	32104-116	Screw - Self Tapping	8	46	67-8870	Support - Radiator	1
21	43-7020	Hose - Lower Radiator	1	47	67-9030	Grille	1
22	77-3170	Stop - Hood Cable	2	48	82-8970	Decal - Radiator Coolant	1
23	77-5250	Spacer - Hood Cable	4	49	46-8091	Screw - Flange	2
24	249-39	Latch - Flexible Draw	1	50	77-5141	Decal - Hood LH	1
25	304-46	Drain Cock	1	*	77-5151	Decal - Hood RH	1
26	38-4600	Bar - Frame LH	1	51	32103-2	Nut - Wing	2



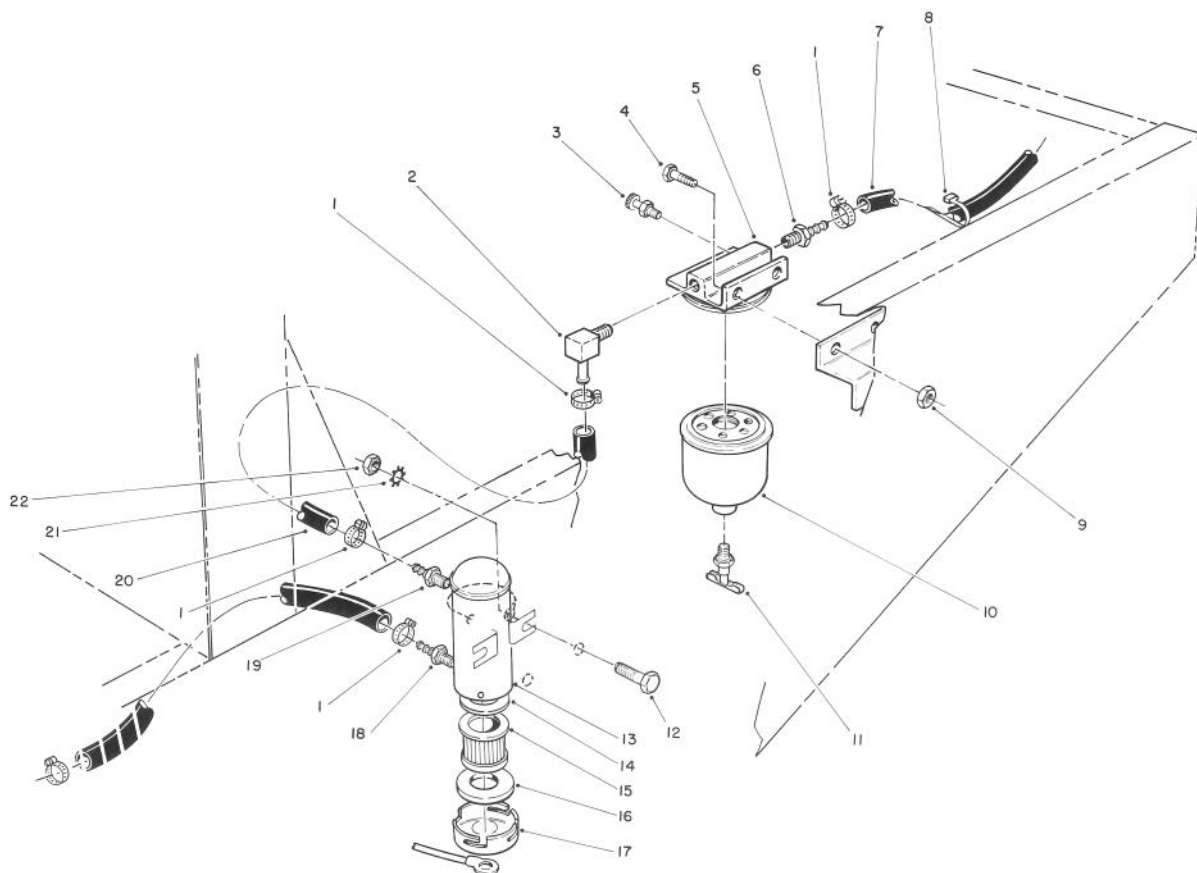
T-1185

RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
52	237-141	Bumper - Radiator	2
53	66-3240	Cap - Radiator	1
54	66-8111	Trim - Hood Cutout	1
55	67-8700	Hood	1
56	249-40	Keeper	1

Ref. No.	Part No.	Description	No. Used
57	3274-69	Screw - Socket Hd.	6
58	5-0838	Washer - Flat	3
59	71-4490	Bracket - Seat Support	1
60	283-76	Pin - Lynch	1

*Not Illustrated

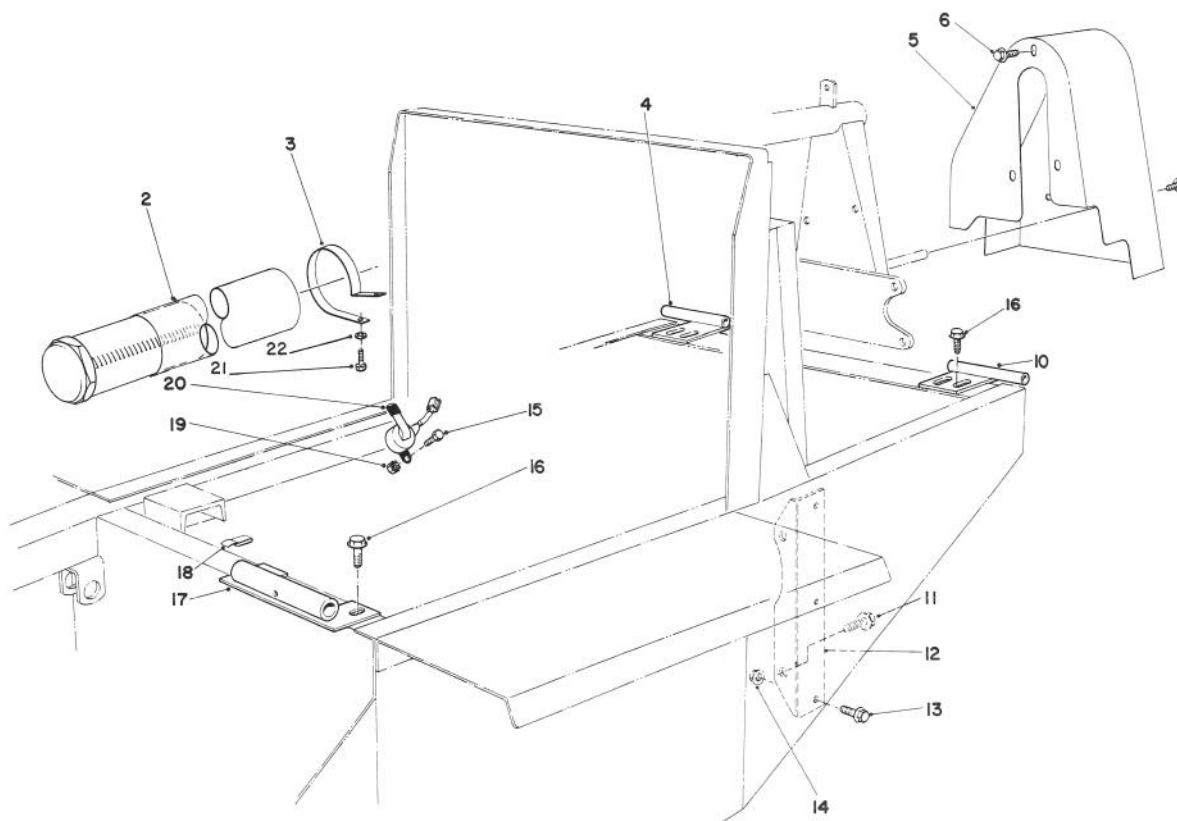


T-0411

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

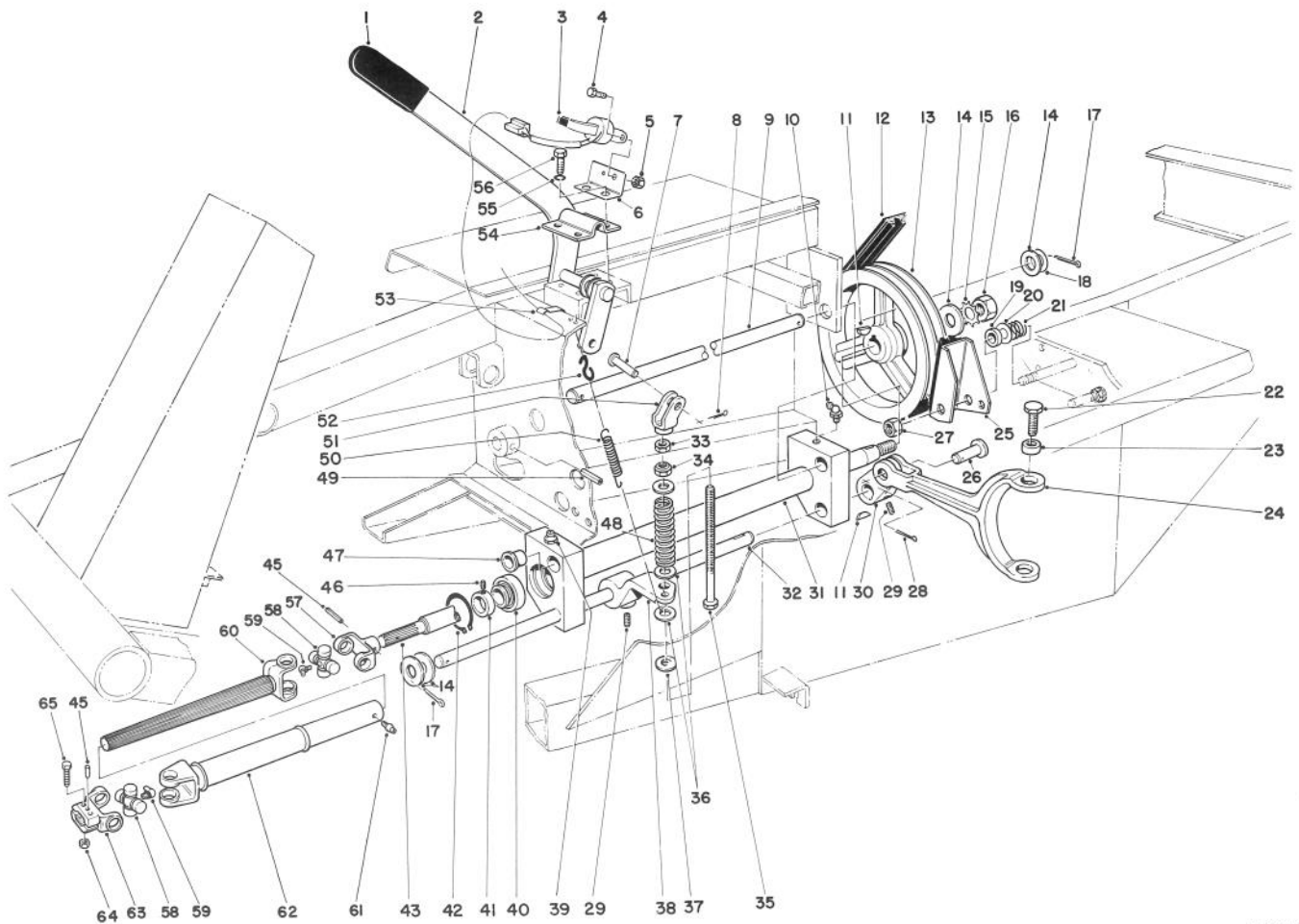


T-1186A

INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	74-0720	Tube - Manual	1
3	2412-133	R-Clamp	2
4	67-8820	Hinge, R.H.	1
5	43-3900	Guard - Fan Belt	1
6	3234-14	Screw - Cap, Hex. Hd.	5
9	3256-23	Washer - Flat	1
10	67-8810	Hinge 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

Ref. No.	Part No.	Description	No. Used
14	3290-357	Nut - Lock, Flange	6
15	321-2	Screw - Cap, Hex. Hd.	2
16	3234-17	Screw - Cap, Hex. Hd.	6
17	27-9810	Seat Pivot	1
18	212-93	Wire Clip	2
19	3296-42	Nut - Lock	1
20	29-6930	Switch	1
21	322-2	Screw - Cap, Hex. Hd.	2
22	3256-23	Washer - Flat	2

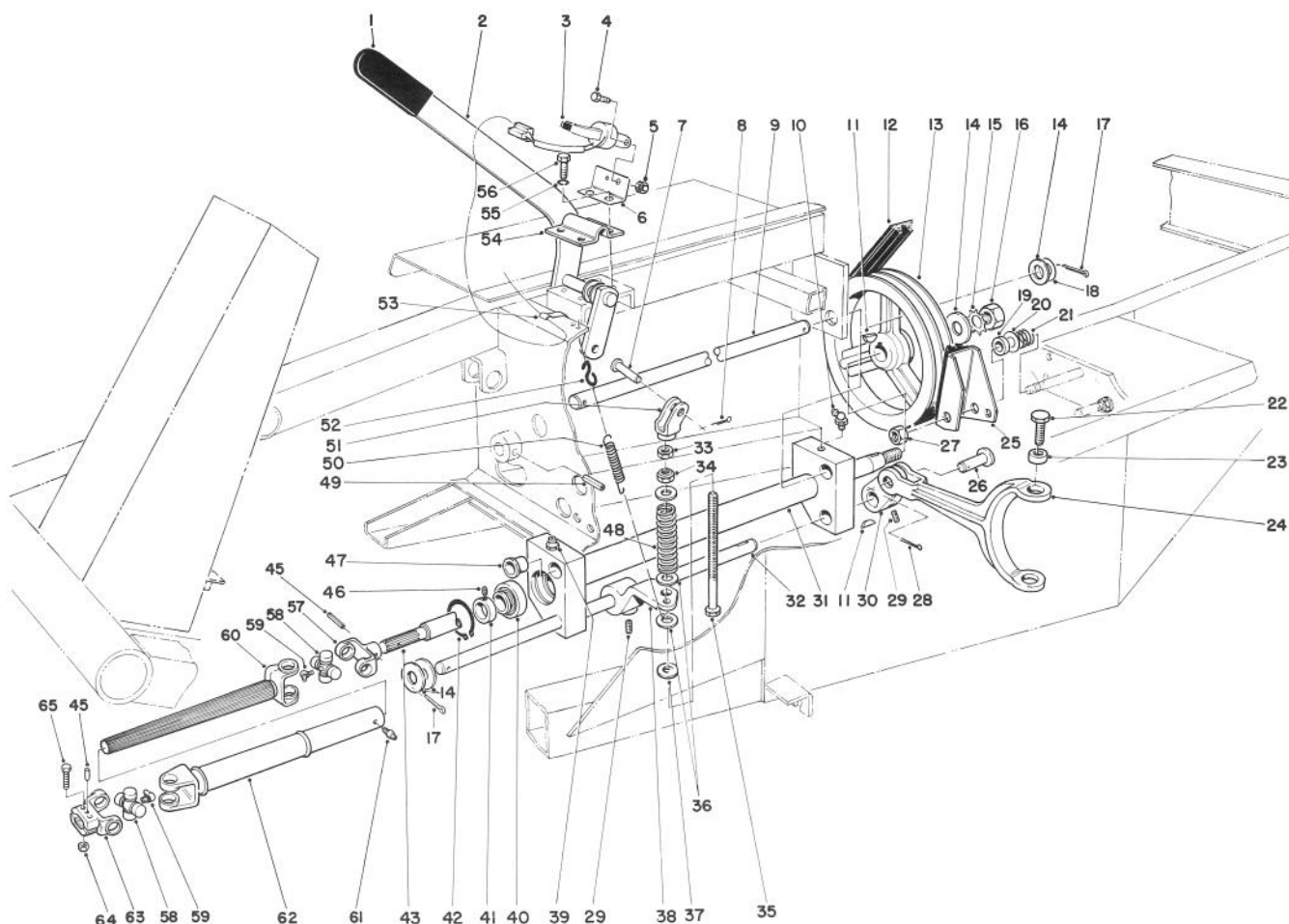


T-0413

POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	21-1880	Grip Handle	1
2	21-1550	Lever—P.T.O.	1
3	29-6930	Switch Arm	1
4	321-2	Screw - Cap, Hex. Hd.	1
5	3296-42	Nut - Lock	1
6	27-7260	Mount - Arm 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	30-2120	Screw - Cap, Hex. Hd.	2
23	43-3800	Bushing - P.T.O. Fork	2
24	43-5610	Fork P.T.O.	1
25	27-7370	Brake Assembly P.T.O.	1
26	283-8	Clevis Pin	1

Ref. No.	Part No.	Description	No. Used
27	3296-28	Nut - Lock	1
28	3272-11	Cotter Pin	1
29	3246-3	Set Screw	4
30	43-5590	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	3
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
44	32121-34	Pin - Roll	2
45	3245-1	Set Screw	2
46	256-113	Bushing - Flange	4
47	21-0400	Spring - Compression	1
48	32121-9	Pin - Roll	1
49	21-1830	Spring - Tension	1
50	43-5630	Yoke - P.T.O.	1

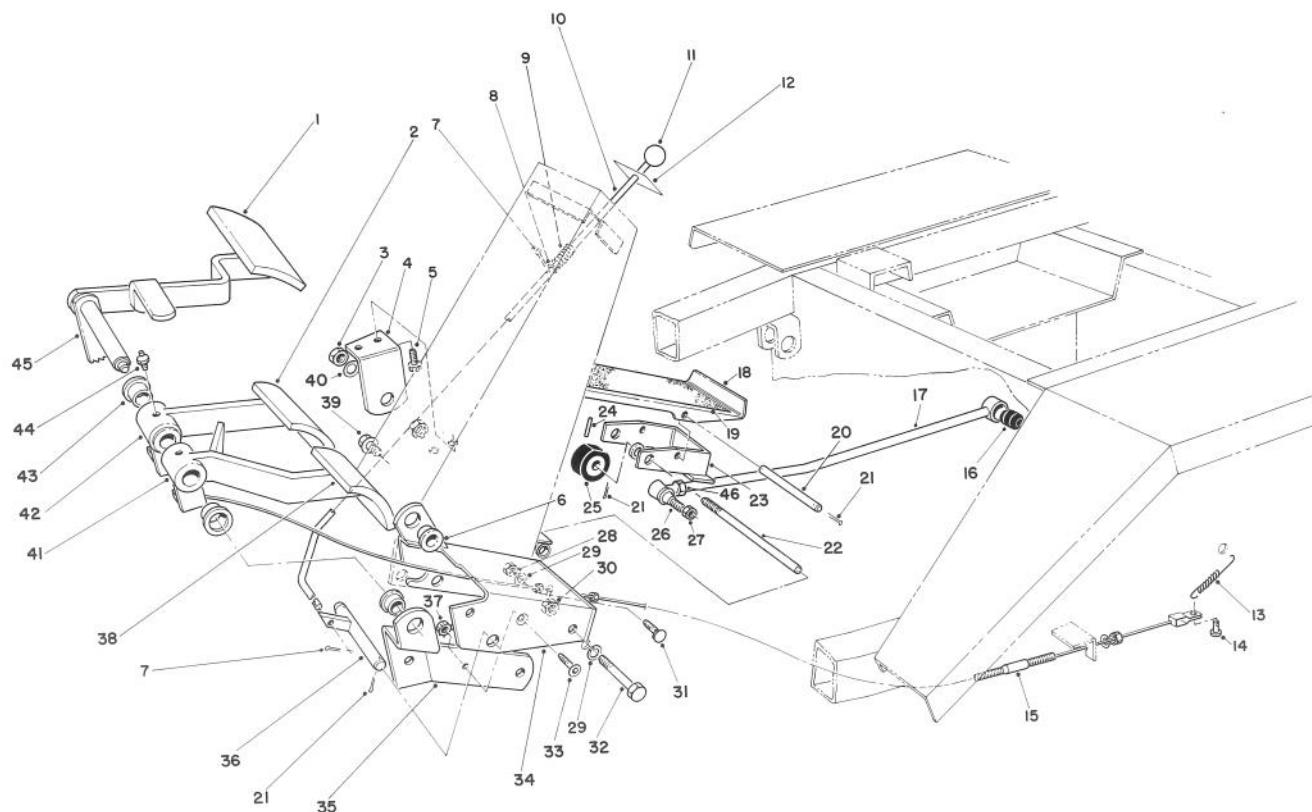


T-0413

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	60	62-3290	Shaft - Slip Yoke	1
53	212-93	Wire Clip	1	61	302-58	Fitting - Grease	1
54	21-1600	Clamp P.T.O. Lever	1	62	62-3790	Tube - Slip Yoke	1
55	3253-21	Washer - Lock	4	63	54-9040	Yoke - End (Split)	1
56	32104-6	Screw - Hex. Hd. Tapping	4	64	3296-29	Nut - Lock	2
57	62-3800	Yoke - End	1	65	322-9	Screw - Cap Hex. Hd.	2
58	54-9180	Kit - U-Joint	2	*	84-4890	Drive Shaft Assembly (Incl. Ref. #57-63)	1
59	62-3820	Fitting - Grease	2				

*Not Illustrated

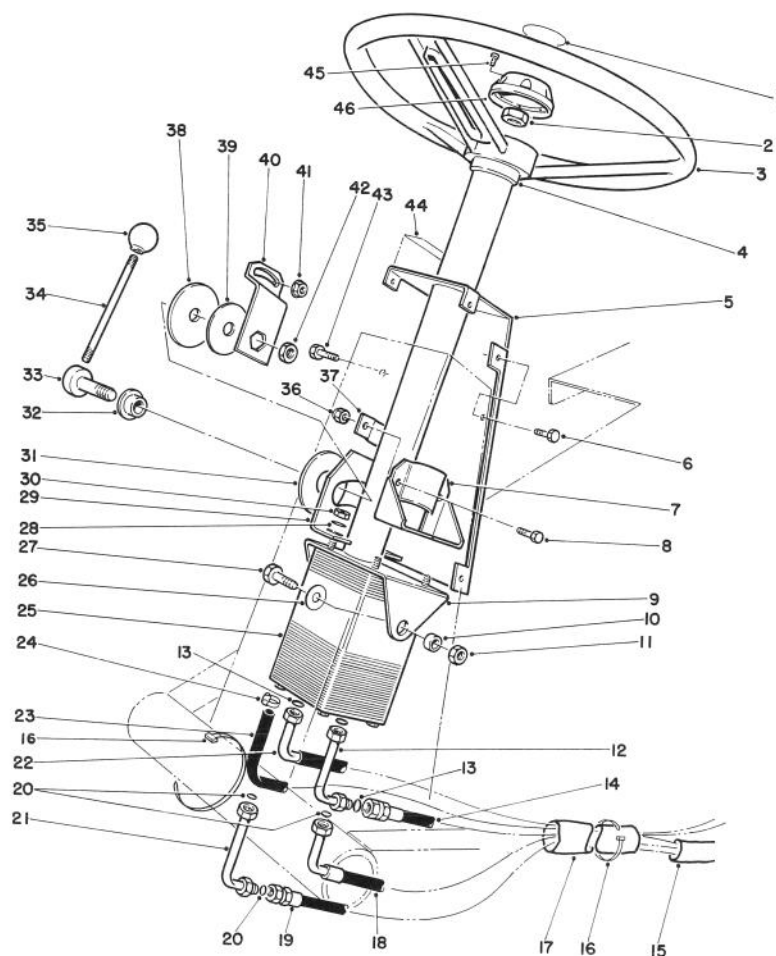


T-0415

BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	7-3900	Pad - Brake	1	24	32121-6	Pin - Roll	1
2	27-7580	Pad - Right Turn	1	25	28-5220	Wheel - Friction	1
3	3218-5	Nut - Jam	2	26	21-0141	Socket Assembly R.H.	1
4	21-2850	Mount - R.H. Pedal	1	27	3220-3	Nut - Jam	1
5	11-0590	Screw - Hex. Hd. Tapping	2	28	3217-7	Nut - Hex	2
6	256-156	Bushing	5	29	3253-21	Washer - Lock	4
7	3272-5	Cotter Pin	3	30	32153-2	Nut - Lock	2
8	3256-22	Washer - Flat	1	31	3231-21	Bolt - Carriage	2
9	3-3251	Spring - Compression	1	32	323-13	Screw - Cap Hex. Hd.	2
10	82-8670	Rod - Brake Latch	1	33	3274-47	Screw - Flat Hd. Socket	1
11	233-17	Knob	1	34	27-7590	Mount - Brake	1
12	82-8930	Decal - Parking Brake	1	35	27-9270	Mount - Brake Pivot Shaft	1
13	3-7243	Spring - Extension	2	36	27-7640	Shaft - Brake Latch	1
14	283-58	Clevis Pin	2	37	32149-2	Nut	1
15	21-3380	Cable - L.H. Brake	1	38	27-7570	Pad - Left Turn	1
*	21-3370	Cable - R.H. Brake	1	39	3234-11	Screw - Cap Hex. Hd.	3
16	23-2270	Bushing - Rubber	1	40	3256-26	Washer - Flat	1
17	23-2240	Rod - Pump Control	1	41	27-7490	Pedal - L.H. Brake (Incl. Ref. #43)	1
18	28-5190	Pedal Traction	1	42	27-7510	Pedal - R.H. Brake (Incl. Ref. #43)	1
19	28-5130	Pad - Pedal	1	43	256-10	Bushing	4
20	28-5240	Pin - Traction Pedal	1	44	302-5	Fitting - Grease	2
21	3272-6	Cotter Pin	6	45	27-8550	Pedal - Parking Brake	1
22	28-5210	Shaft - Traction Pedal	1	46	3220-5	Nut - Jam	1
23	28-5160	Bracket - Pivot (Incl. Ref. #6)	1				

*Not Illustrated

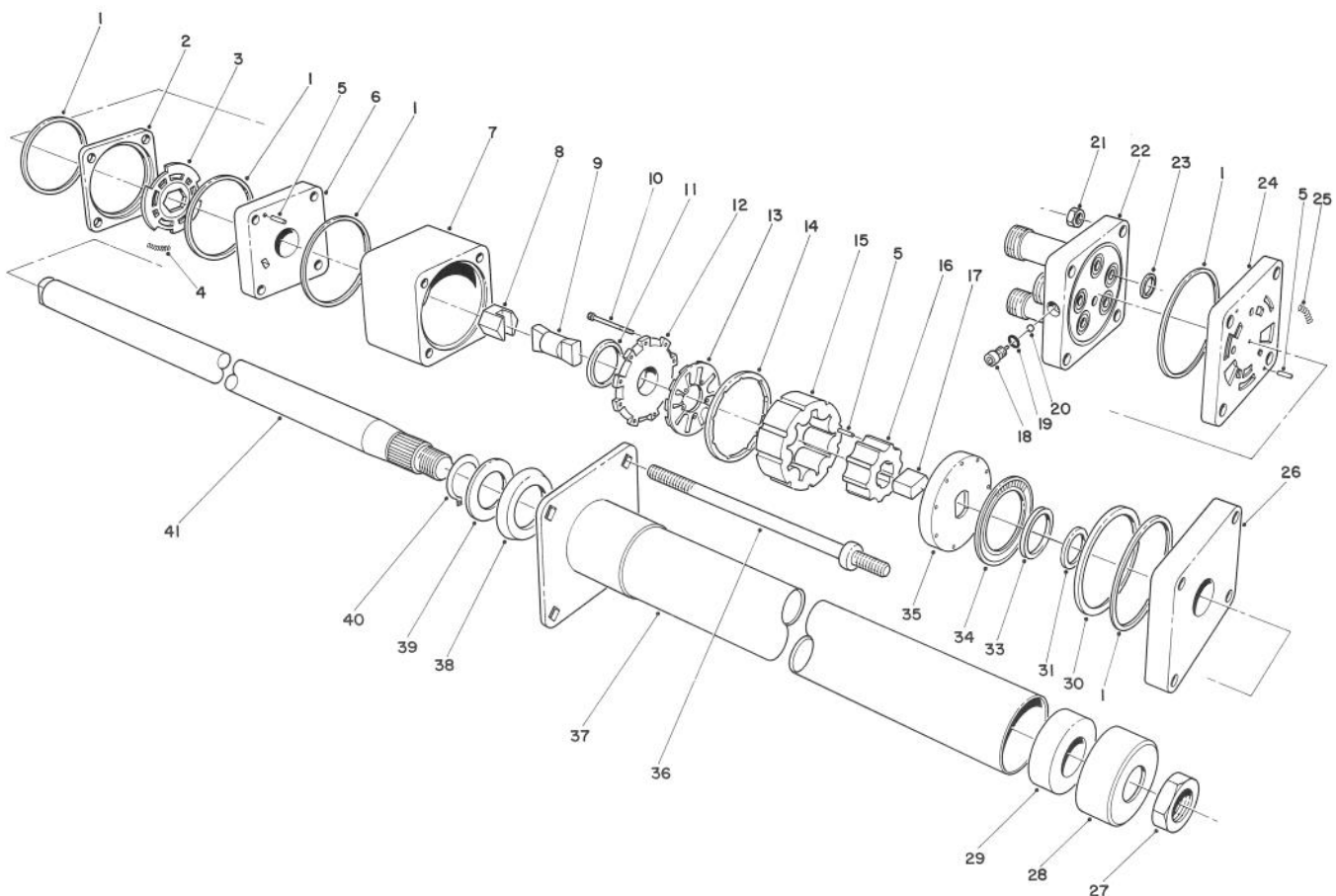


POWER STEERING ASSEMBLY

T-1187

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

Ref. No.	Part No.	Description	No. Used
24	2412-36	Clamp	2
25	63-9250	Valve - Power Steering	1
26	3256-46	Washer - Flat	2
27	323-6	Screw - Cap Hex. Hd.	2
28	3256-3	Washer - Flat	4
29	80-2940	Plate - Pivot	1
30	3296-4	Nut - Lock	4
31	31-0390	Disc - Friction	1
32	80-2980	Boss - Pin	1
33	80-2970	Pin - Steering Tilt	1
34	80-2890	Handle - Steering Tilt	1
35	233-21	Knob - Handle	1
36	3296-29	Nut - Lock	2
37	82-8650	Clamp - Half	1
38	82-9010	Disc - Friction	1
39	80-2930	Washer	1
40	80-2880	Bracket - Steering, Tilt	1
41	32128-20	Nut - Flange	1
42	3218-7	Nut - Jam	1
43	322-4	Screw - Cap Hex. Hd.	1
44	82-8940	Decal - Steering, Tilt	1
45	32144-21	Screw	1
46	68-5140	Cap - Steering Wheel	1



T-0417

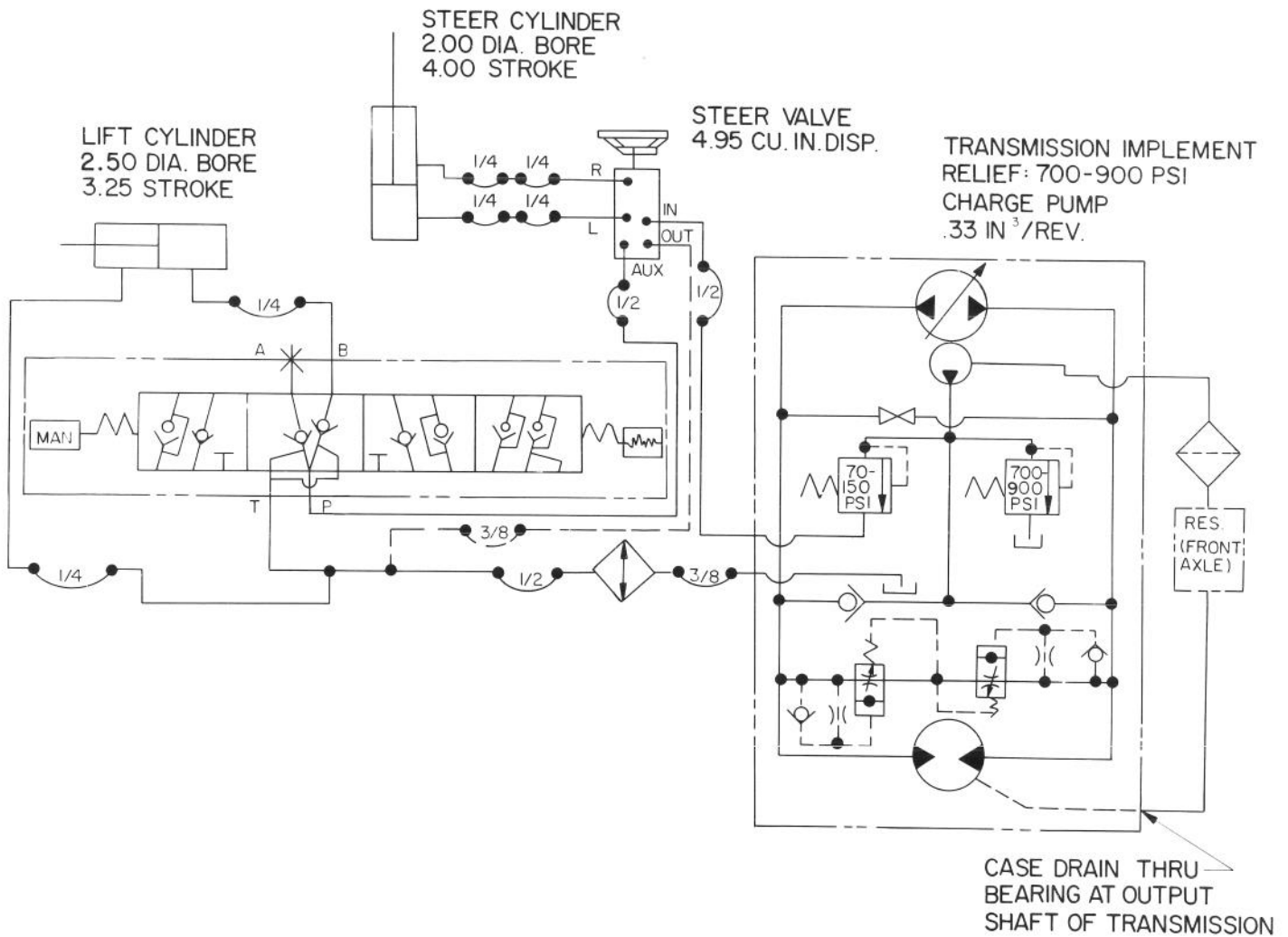
POWER STEERING VALVE ASSEMBLY NO. 63-9250

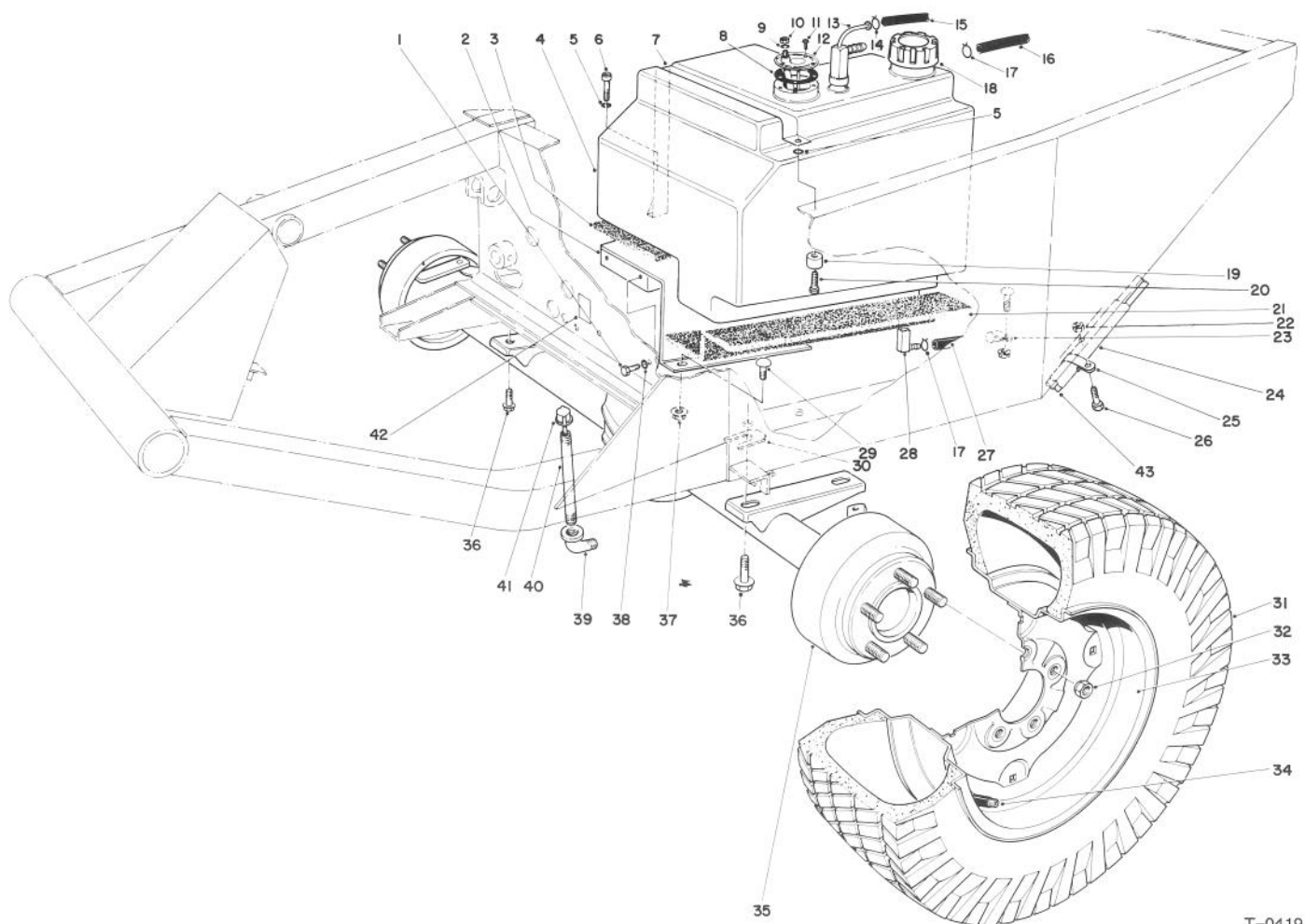
Ref. No.	Part No.	Description	No. Used
1		Ring - Seal	5
2		Ring - Valve	1
3		Plate - Valve	1
4		Spring	3
5		Pin - Alignment	9
6		Manifold - Isolation	1
7		Ring - Metering	1
8		Hex Drive Assy.	1
9		Link - Drive	1
10		Screw - Hex. Hd. Socket	11
11		Seal - Commutator	1
12		Cover - Commutator	1
13		Commutator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

Ref. No.	Part No.	Description	No. Used
25		Spring	3
26		Plate - Upper Cover	1
27	3220-6	Nut	1
28	66-9770	Seal	1
29	66-9780	Bushing	1
30		Spacer - Thrust Bearing	1
31		Spacer - Seal	1
33		Seal-Face	1
34		Bearing - Thrust	1
35		Plate - Drive	1
36	66-9850	Bolt - Special	4
37	66-9860	Upper Cover & Jacket	1
38	66-9870	Plate - Retaining	1
39	66-9880	Washer - Retaining Plate	1
40	66-9890	Ring - Retaining	1
41	66-9900	Shaft - Input	1
*	66-9970	Spring Kit (Incl. Ref. #4 & 25)	1
*	66-9980	Seal Kit (Incl. Ref. #1, 11, 19, 23 & 33)	1
*	66-9990	Needle Roller Kit (Incl. Ref. #5)	1

*Not Illustrated

HYDRAULIC SCHEMATIC





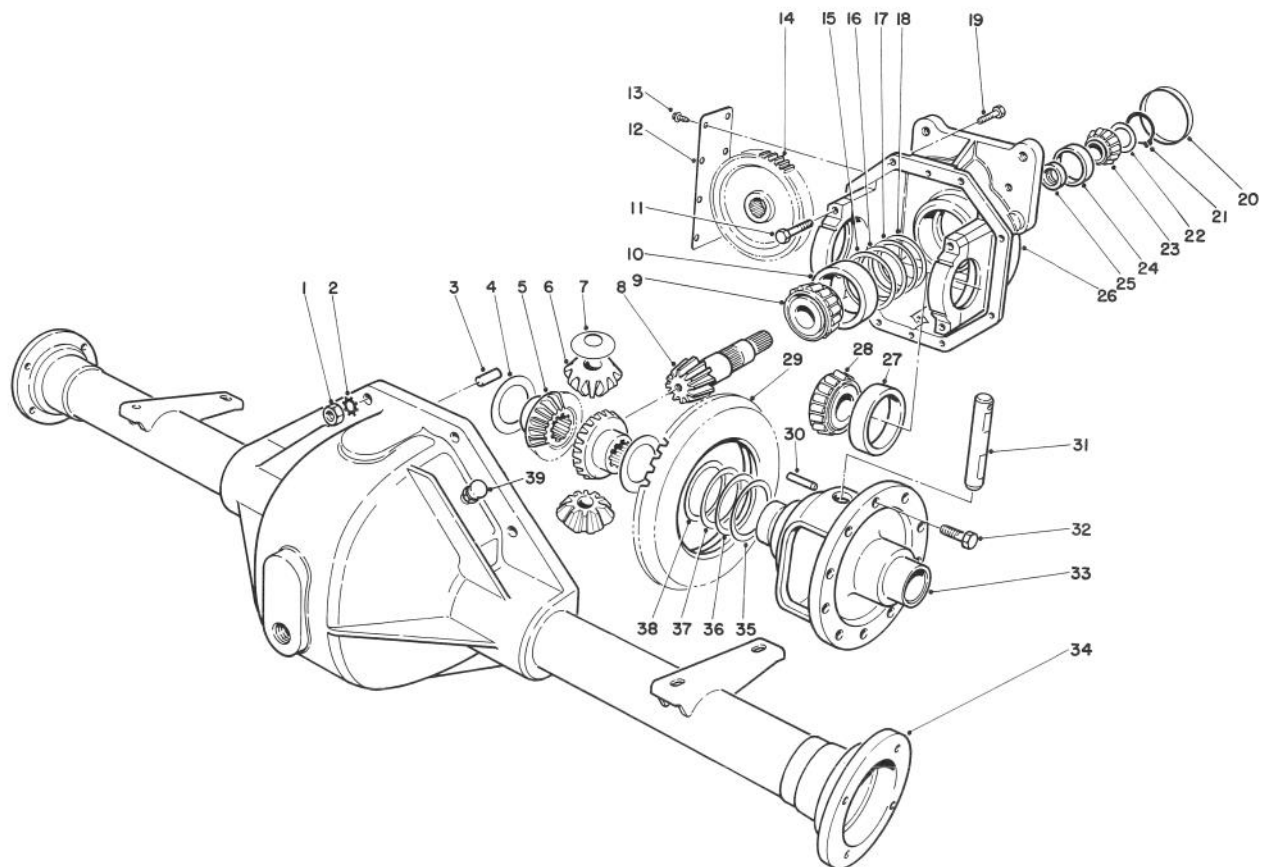
T-0419

FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32104-6	Screw - Self Tapping	2
2	68-9760	Fuel Tank Base	1
3	21-3600	Foam - Tank Support	1
4	43-4150	Fuel Tank (Incl. Ref. #13 & 14)	1
5	3253-3	Washer - Lock	2
6	321 04-96	Screw - Cap, Hex. Hd.	1
7	37-9550	Strap - Fuel Tank	1
8	62-7650	Gasket	1
9	3253-17	Washer - Lock	1
10	3219-14	Nut	1
11	32144-53	Screw - Thread Forming	5
12	62-6840	Sender - Fuel Level	1
13	43-4160	Fitting - Return & Vent	1
14	2412-79	Clamp	1
15	43-4230	Hose Return	1
16	43-5690	Hose - Vent, Fuel Tank	1
17	2412-6	Clamp	2
18	55-3572	Fuel Cap	1
19	22-7810	Spacer	1
20	321-6	Screw - Cap, Hex. Hd.	1
21	21-3610	Foam - Tank Support	1
22	3296-20	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
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
27	63-9640	Hose Fuel	1
28	43-41 90	Fitting Assembly	1
29	3230-2	Bolt - Carriage	3
30	42-6080	Shim - Axle	A/R
31	231-138	Tire	2
32	23-7270	Nut - Wheel	10
33	217-117	Rim	2
34	232-31	Valve Stem w/Cap	2
35	67-8220	Differential Assembly	1
36	32144-67	Screw - Cap, Thd. Forming	4
37	32128-20	Nut - Flange	3
38	3253-21	Washer - Lock	2
39	2811-9	Street Elbow	1
40	289-37	Pipe Nipple	1
41	23-5180	Dipstick	1
42	53-4430	Decal - Oil	1
43	68-9710	Hose - Steering Cylinder	2
*	231-90	Tube - Inner	2

*Not Illustrated



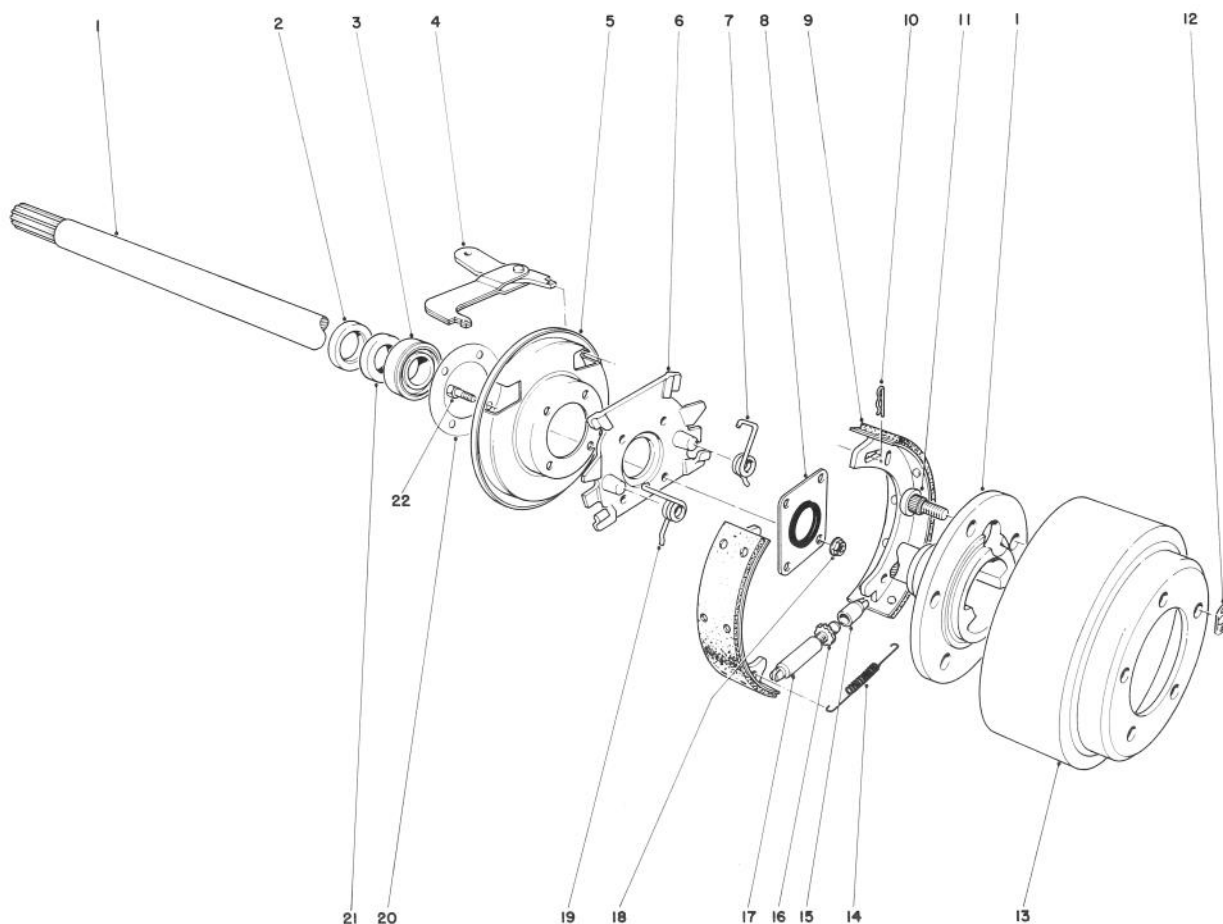
T-0919

DIFFERENTIAL ASSEMBLY NO. 67-8220

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	Srew - Cap, Hex. Hd.	4
12	21-7830	Gear Cover	1
13	12-5450	Thread Forming Screw	8
14	21-8150	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 - Pinion Bearing .031	A/R
*	46-2211	Shim - Pinion Bearing .033	A/R
*	46-2212	Shim - Pinion Bearing .035	A/R
*	46-2213	Shim - Pinion Bearing .037	A/R
*	46-2214	Shim -Pinion Bearing .039	A/R
*	46-2215	Shim -Pinion Bearing .041	A/R

Ref. No.	Part No.	Description	No. Used
22	46-2216	Shim - Pinion Bearing .043	A/R
*	46-2220	Shim - Pinion Bearing .045	A/R
*	46-2221	Shim - Pinion Bearing .047	A/R
*	46-2222	Shim -Pinion Bearing .049	A/R
*	46-2223	Shim - Pinion Bearing .051	A/R
*	46-2224	Shim - Pinion Bearing .053	A/R
*	46-2225	Shim - Pinion Bearing .055	A/R
*	46-2226	Shim -Pinion Bearing .057	A/R
23	254-91	Bearing Cone	1
24	254-90	Bearing Cup	1
25	21-8020	Spacer - Pinion Bearing	1
26	68-9770	Upper Housing (Incl. Ref. #9)	1
27	254-66	Cup - Tapered Bearing	2
28	254-65	Cone - Tapered Bearing	2
29		Ring Gear	1
30	21-7710	Roll Pin	1
31	21-7700	Pinion Mate Shaft	1
32	21-7770	Drive Gear Screw	5
33	21-7670	Differential Case	1
34	43-6840	Lower Housing	1
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
*	43-6510	Gear & Pinion Assembly (Incl. Ref. #8 & 29)	1

*Not Illustrated

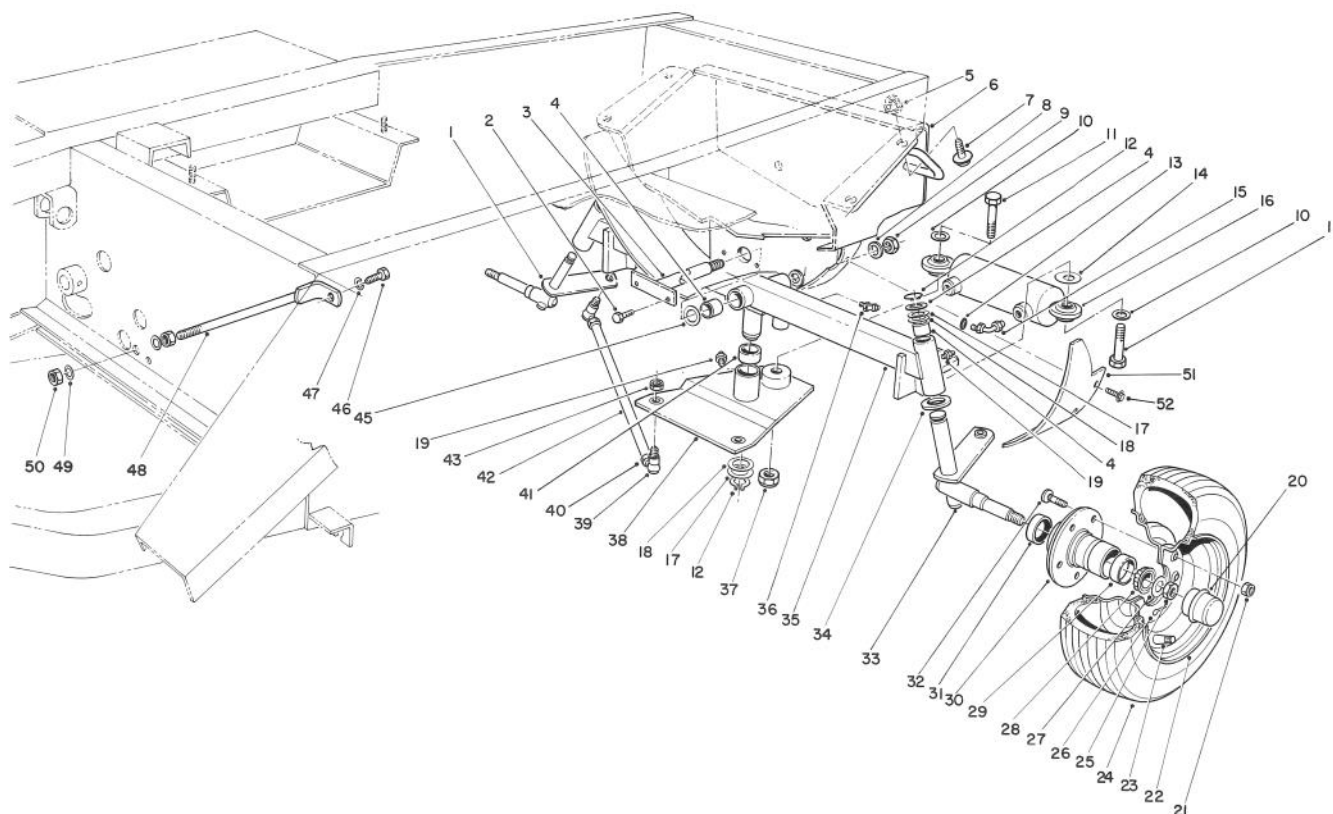


T-0421

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	43-2690	Shoe & Lining Assembly	4
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	21-8320	Gasket - Wheel Bearing	2
21	24-8840	Ring - Wheel Bearing	2
22	28-0660	Screw - Cap, Hex. Hd.	8



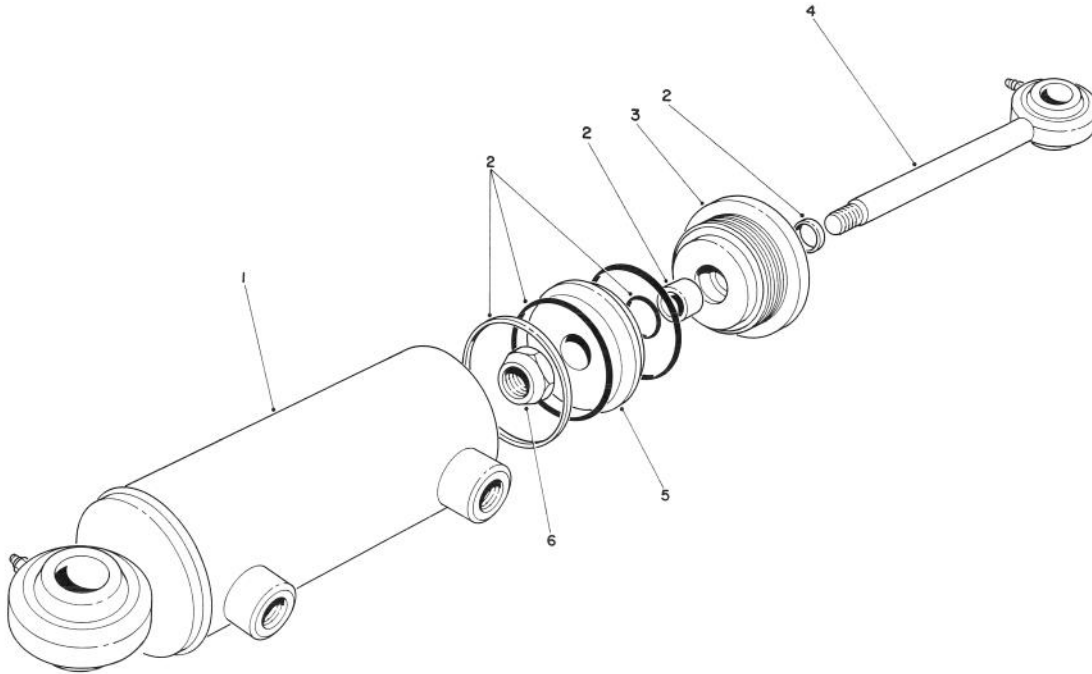
T-0422

REAR AXLE & WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-9180	Spindle Assembly R.H.	1
2	3234-14	Screw - Cap Hex Hd.	2
3	67-8170	Pin - Rear Axle	1
4	67-1750	Bushing	6
5	32128-23	Nut - Lock Flange	4
6	67-8130	Support - Axle	1
7	3434-32	Screw - Cap, Hex Flange	4
8	71-4540	Washer - Thrust	A/R
9	32146-20	Nut - Lock	1
10	67-9410	Washer - Flat	2
11	328-25	Screw - Cap, Hex Hd.	2
12	32151-36	Ring - Retaining	3
13		O-Ring	1
14	67-7250	Spacer - Ring	1
15	340-54	Fitting 45°	2
16	63-9240	Cylinder - Hydraulic	1
17	5-1226	Washer	3
18	10-8110	Washer - Thrust	A/R
19	302-5	Fitting - Grease	3
20	241-119	Dust Cap	2
21	242-50	Nut - Wheel	10
22	217-106	Wheel	2
23	232-31	Valve Stem w/Cap	2
24	231-105	Tire	2
25	32136-5	Nut - Slotted	2
26	3272-13	Pin - Cotter	2

Ref. No.	Part No.	Description	No. Used
27	3256-28	Washer - Flat	2
28	254-94	Cone - Bearing	4
29	254-72	Cup - Bearing	4
30	21-2820	Hub Wheel (Incl. Ref. #29 & 32)	2
31	253-129	Closure	2
32	10-6830	Stud - Drive	10
33	63-9170	Spindle Assembly L.H.	1
34	256-121	Bushing - Thrust	2
35	67-9160	Axle - Rear (Incl. Ref. #4)	1
36	302-11	Fitting - Grease	1
37	32128-45	Nut - Lock	2
38	63-9220	Steering Pivot (Incl. Ref. #41)	1
39	21-0141	Socket Assembly R.H. Thd.	2
*	21-0151	Socket Assembly L.H. Thd.	2
40	3220-5	Nut - Jam R.H. Thd.	2
*	3220-12	Nut - Jam L.H. Thd.	2
41	256-242	Bushing	2
42	21-1990	Tie Rod Assembly	2
43	3220-3	Nut - Jam	8
45	56-2460	Washer	A/R
46	323-6	Screw - Cap Hex Hd.	1
47	3253-21	Washer - Lock	1
48	24-9830	Support Axle	1

*Not Illustrated

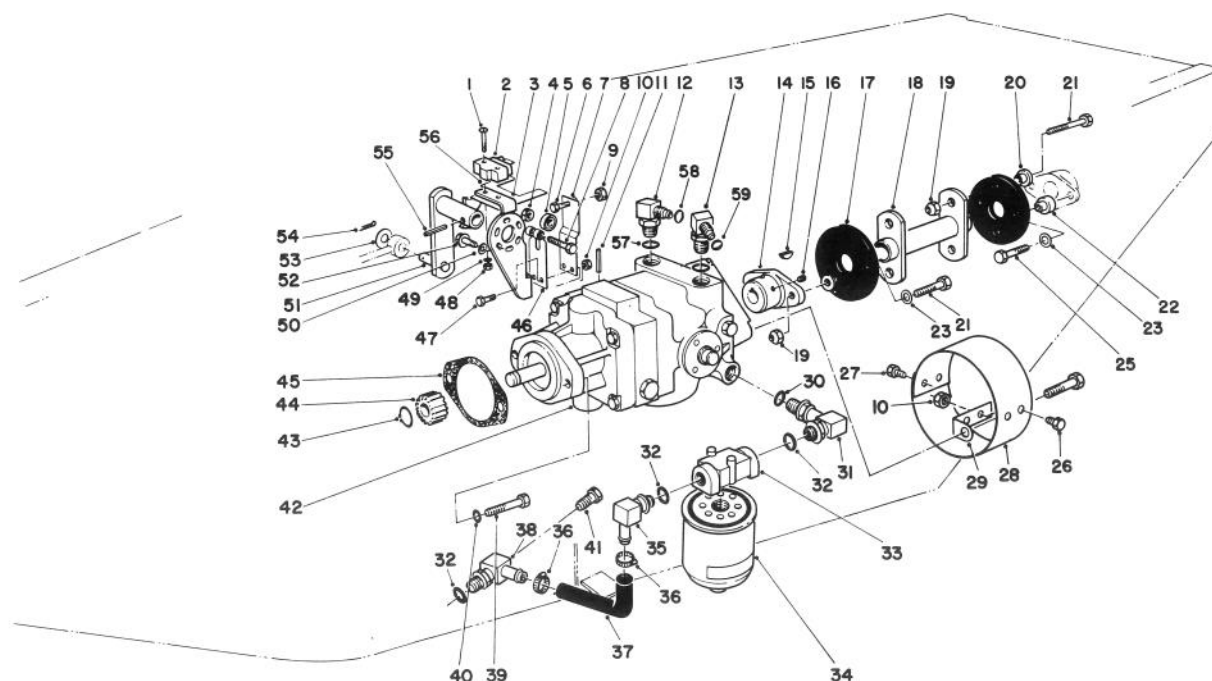


T-0423

HYDRAULIC STEERING CYLINDER ASSEMBLY NO. 63-9240

Ref. No.	Part No.	Description	No. Used
1		Tube Assembly	1
2	66-1960	Seal Kit	1
3	66-1950	Gland	1

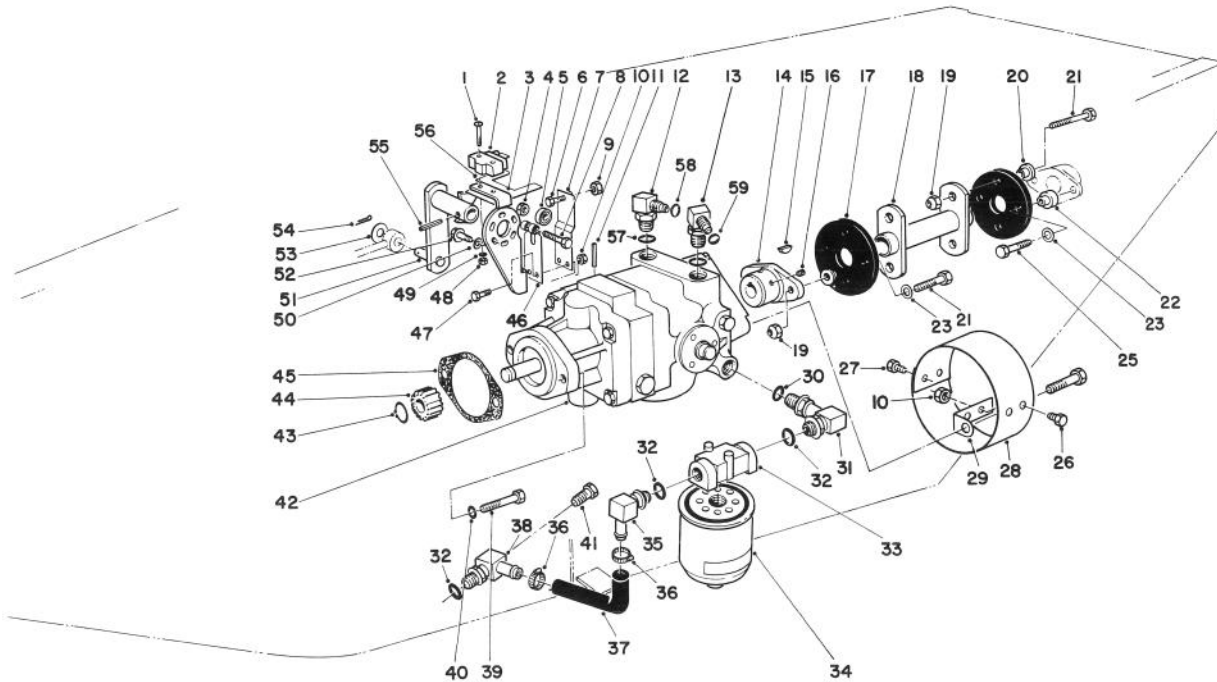
Ref. No.	Part No.	Description	No. Used
4	66-1910	Piston Rod Assembly	1
5	66-1940	Piston	1
6	66-1930	Nut - Lock	1



T-0424

HYDROSTATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3249-11	Screw - Mach. Rd. Hd.	2	27	321-4	Screw - Cap Hex. Hd.	2
2	29-6163	Micro Switch	1	28	54-9300	Cover	1
3	29-6120	Pump Plate	1	29	54-9290	Bracket	2
4	3296-29	Nut - Lock	1	30	237-80	O-Ring	1
5	251-259	Ball Bearing	1	31	68-8660	Elbow	1
6	3210-7	Screw - Cap Hex. Hd.	1	32	237-81	O-Ring	3
7	29-6170	Extended Leaf Spring	1	33	68-8990	Head - Filter	1
8	322-1 7	Screw - Cap Hex. Hd.	1	34	67-8110	Oil Filter	1
9	3219-2	Nut - Hex	1	35	353-987	Elbow	1
10	3296-42	Nut - Lock	6	36	2412-34	Clamp - Hose	2
11	32121-6	Pin - Roll	1	37	68-9650	Hose - Axle	1
12	340-77	Elbow	1	38	70-2620	Elbow - 90°	1
13	340-99	Elbow	1	39	323-7	Capscrew	2
14	33-4380	Pump Hub	1	40	3253-21	Washer - Lock	2
15	3257-32	Woodruff Key	1	41	353-508	Plug - Drain	1
16	3241-5	Screw - Set Sq. Hd.	2	42	71-4370	Transmission - Inline	1
17	44-2230	Rubber Coupling	1	43	32120-72	Ring - Retaining External	1
18	46-6390	Drive Coupling	1	44	23-4810	Gear Transmission Output	1
19	32152-1	Nut - Lock	8	45	41-8760	Gasket Transmission	1
20	27-6600	Spacer - Rubber Coupling	6	46	29-6150	Leaf Spring	1
21	322-6	Screw - Cap Hex. Hd.	6	47	321-6	Screw - Cap Hex. Hd.	2
22	27-6590	Spacer - Rubber Coupling	2	48	3217-16	Nut - Hex.	2
23	3256-3	Washer - Flat	4	49	3254-9	Washer - Lock	2
24	3253-4	Washer - Lock	2	50	3255-7	Washer - Lock	3
25	322-8	Screw - Cap Hex. Hd.	2	51	28-9570	Pump Lever	1
26	321-2	Screw - Cap Hex. Hd.	2	52	11-9760	Screw - Self Tapping	3

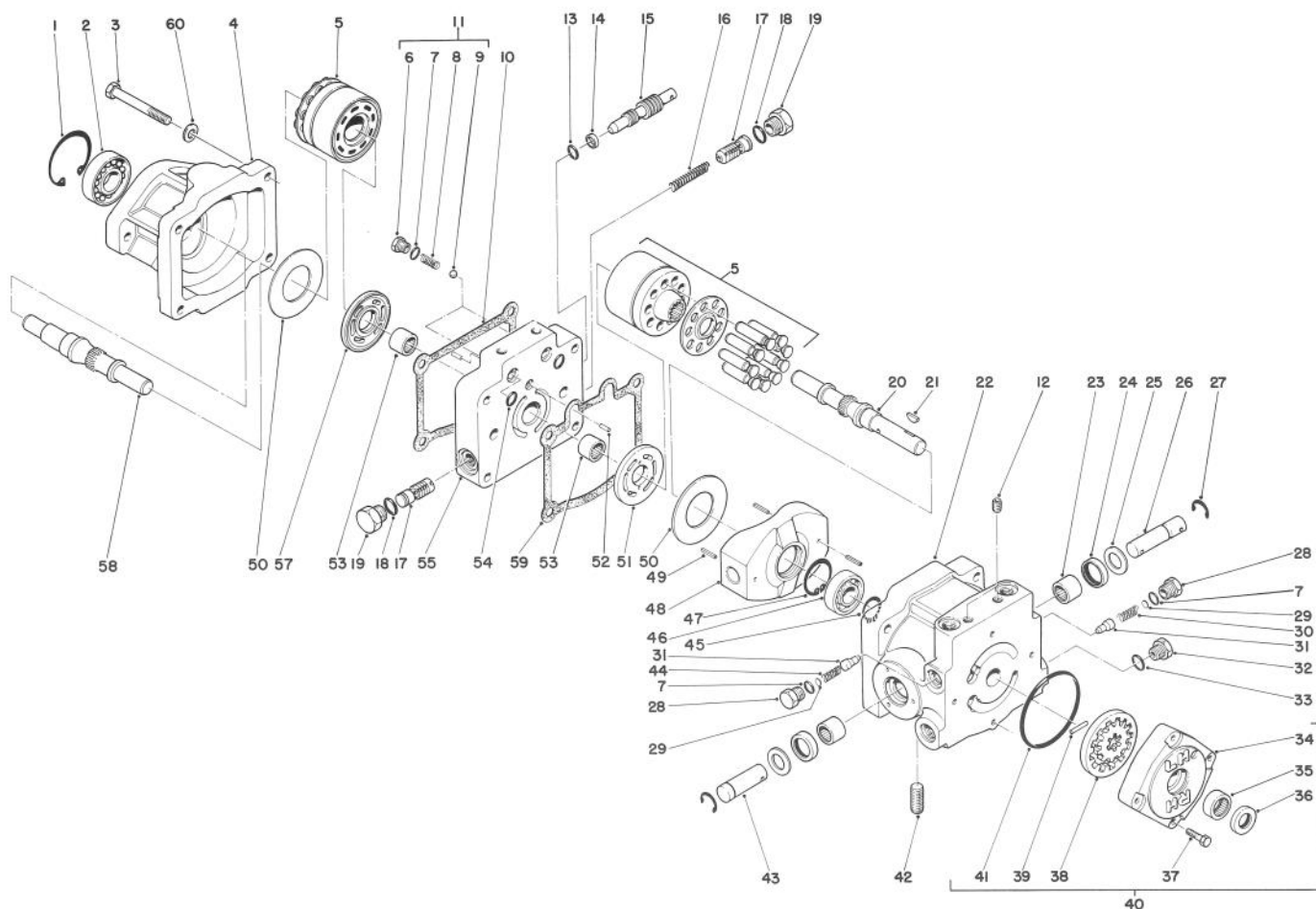


T-0424

HYDROSTATIC TRANSMISSION (Continued)

Ref. No.	Part No.	Description	No. Used
53	3256-6	Washer - Flat	1
54	3272-10	Cotter Pin	1
55	32121-24	Pin - Roll	1
56	46-8810	Stop - Leaf Spring	1

Ref. No.	Part No.	Description	No. Used
57	237-42	O-Ring	2
58	237-22	O-Ring	1
59	237-30	O-Ring	1

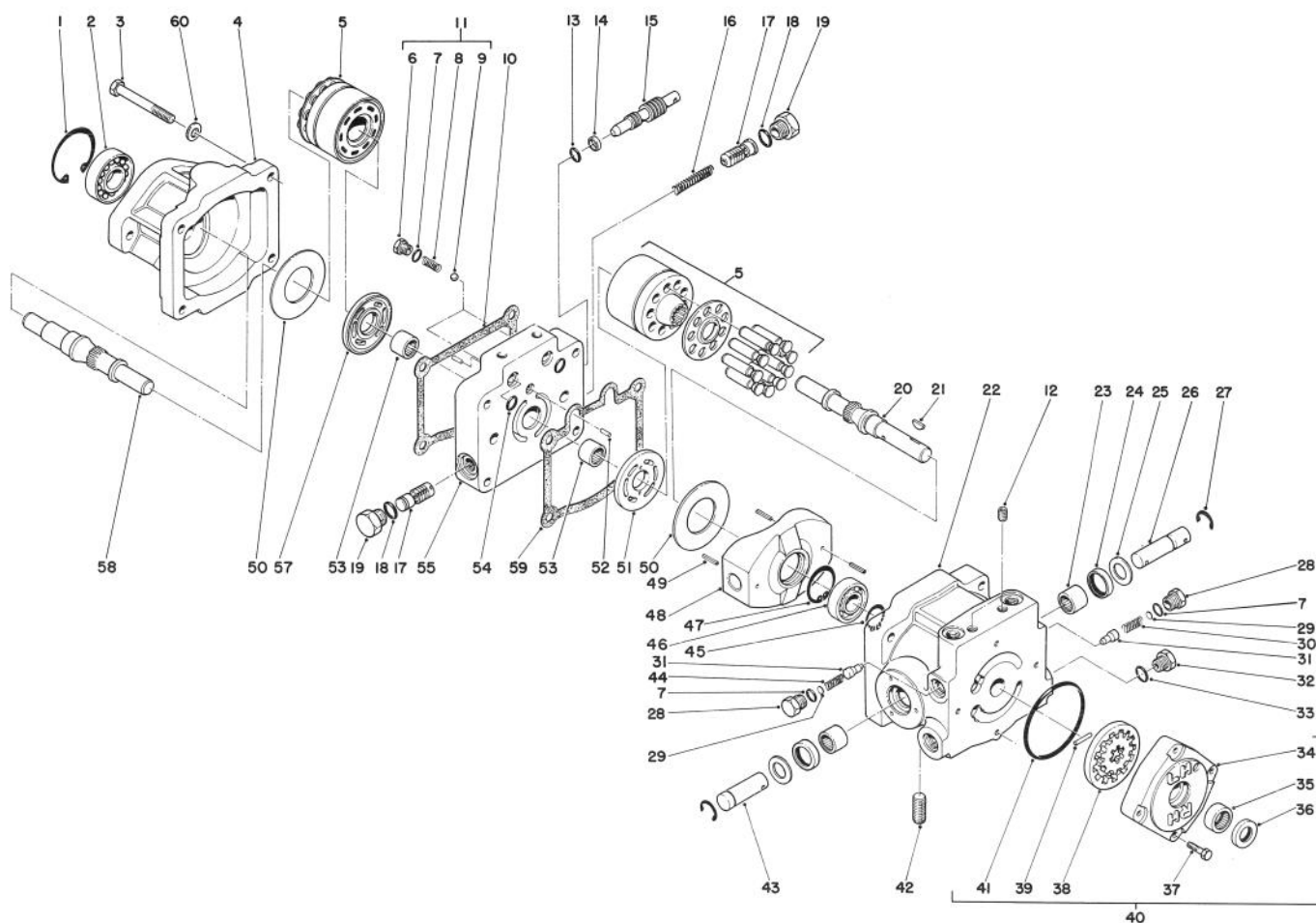


T-0425

TRANSMISSION ASSEMBLY NO. 71-4370

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	6
13	237-22	O-Ring	1
14	25-2630	Back-Up Ring	1
15	25-2620	By-Pass Valve	1
16	25-2610	Accel. Valve Spring	1
17	25-2410	Accel. Valve Assembly	2
18	76-1900	O-Ring	2
19	353-550	Plug - Hex. Hd.	2
20	75-9560	Pump Shaft	1
21	3257-32	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	25-2560	Relief Valve Cone	2
32	353-551	Plug - Hex. Hd.	1
33	237-80	O-Ring	1
34	25-2550	Charge Pump Housing	1
35	67-8050	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

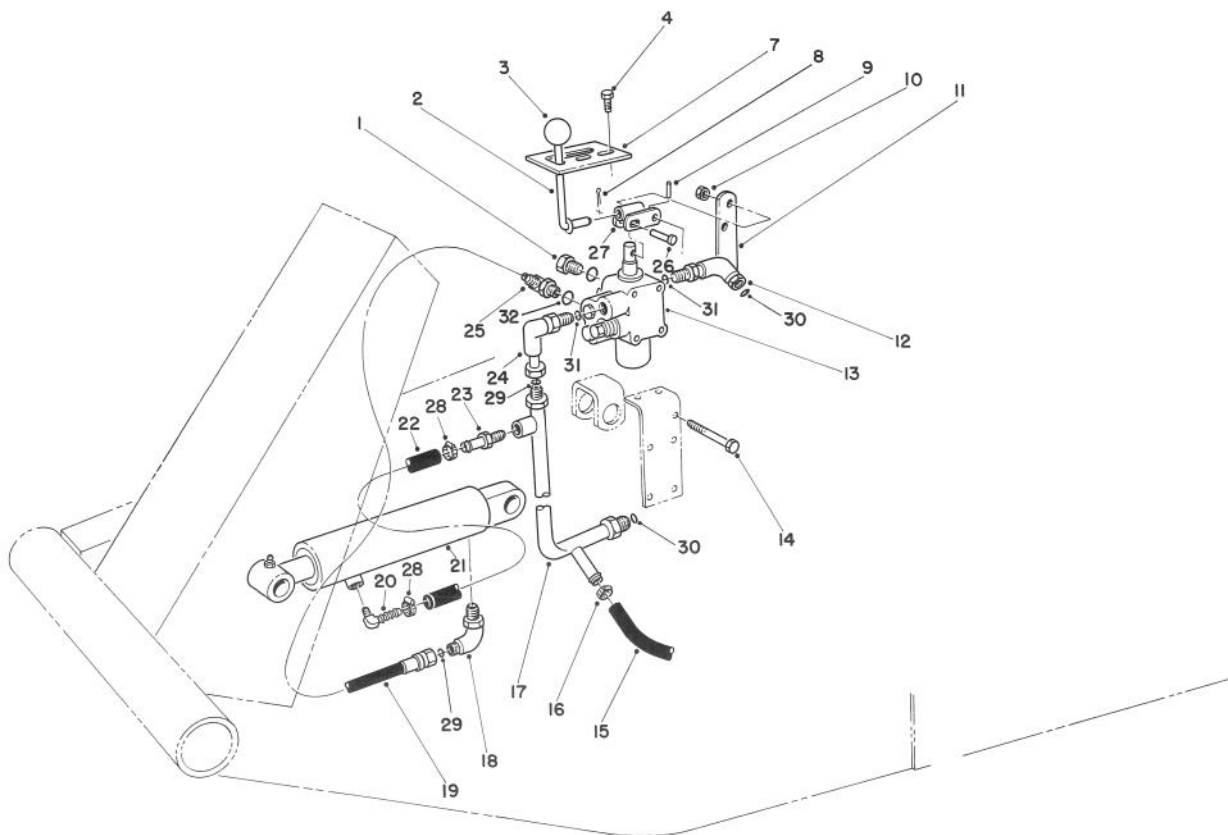


T-0425

TRANSMISSION ASSEMBLY NO. 71-4370 (Continued)

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

Ref. No.	Part No.	Description	No. Used
55	25-2420	Center Section	1
57	25-2390	Motor Valve Plate	1
58	46-8410	Motor Shaft	1
59	25-2400	Gasket	1
60	74-9510	Washer	4

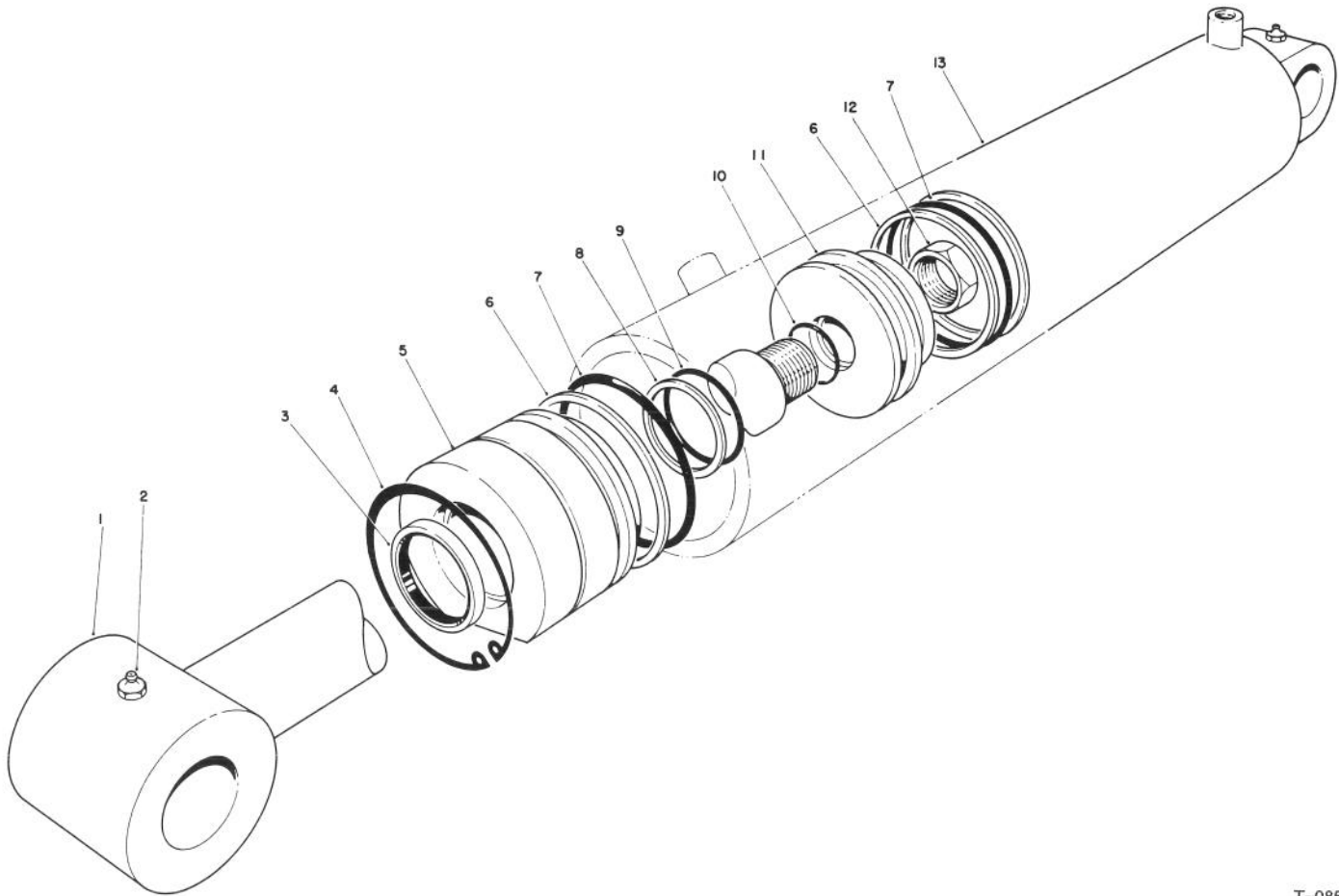


T-0426

VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	353-512	Plug	1	20	304-75	Fitting - 90° Barb	1
2	21-8620	Lever Valve	1	21	62-4250	Cylinder - Hydraulic	1
3	233-21	Knob	1	*	66-1250	Cylinder - Hydraulic (Optional)	1
4	32144-10	Screw - Self Tapping	2	22	65-2970	Line - Gas	1
7	21-8640	Latch Valve Lever	1	23	304-73	Fitting - Straight Barb	1
8	3272-6	Cotter Pin	1	24	340-110	Elbow - 90°	1
9	32121-73	Pin - Slotted Spring	1	25	340-97	Fitting - 90°	1
10	3296-42	Nut - Lock	5	26	283-17	Pin	1
11	21-9010	Pivot Mount - Valve Lever	1	27	21-8590	Link - Valve Lever	1
12	340-99	Fitting - 90° Elbow	1	28	2412-108	Clamp - Hose	2
13	43-1710	Valve Assembly	1	29	237-22	O-Ring	2
14	321-23	Screw - Cap Hex. Hd.	5	30	237-30	O-Ring	2
15	63-8990	Hose	1	31	237-42	O-Ring	2
16	2412-36	Clamp Hose	1	32	237-78	O-Ring	2
17	63-9260	Manifold - Valve	1				
18	340-112	Elbow - 90°	1				
19	71-3580	Hose - Hydraulic (Valve to Cylinder)	1				

* Not Illustrated



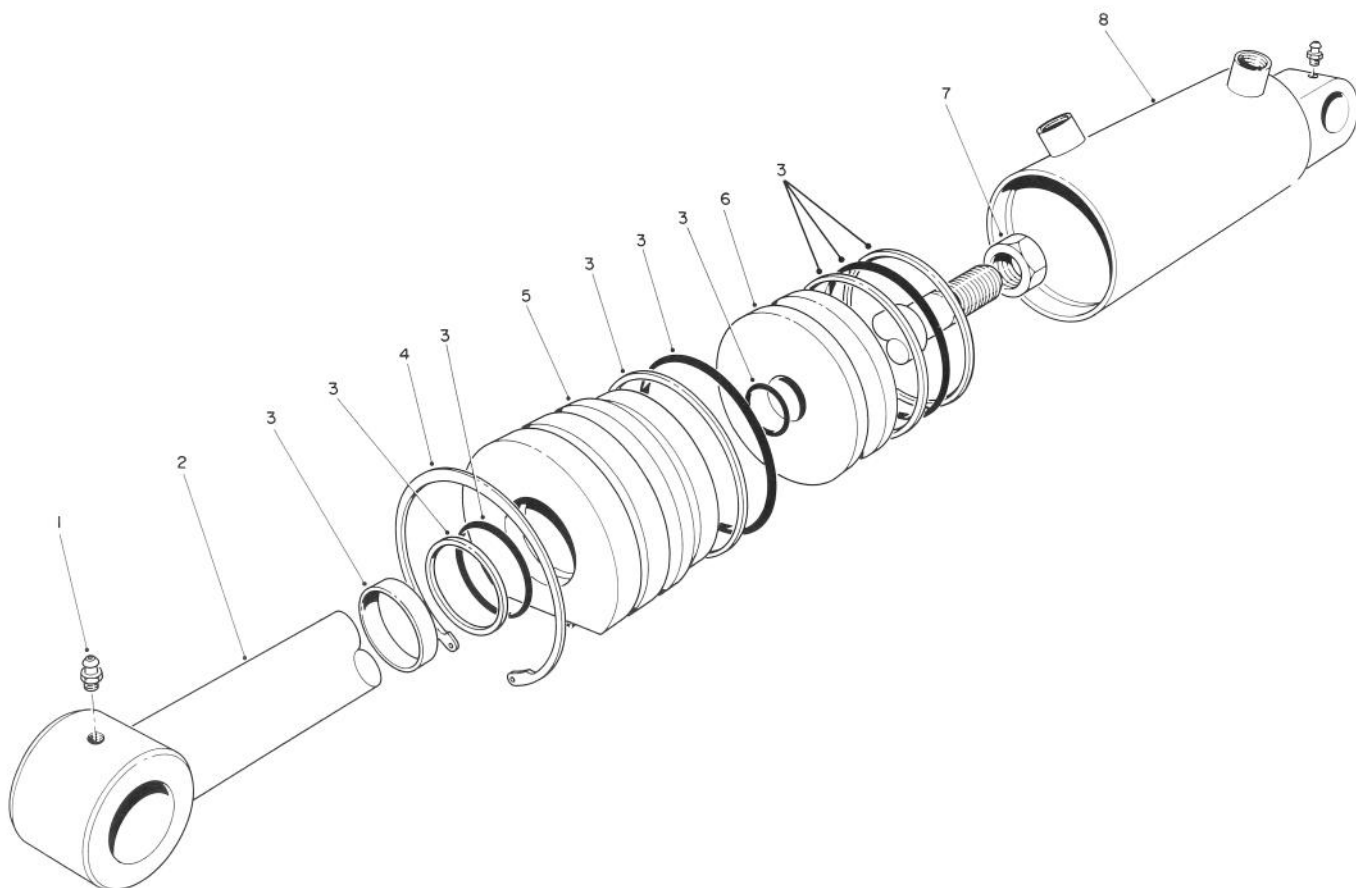
T-0859

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

Ref. No.	Part No.	Description	No. Used
1	61-4980	Shaft - w/Clevis	1
2	302-55	Fitting - Grease	2
3		Seal - Dust	1
4	61-4990	Ring - Retaining	1
5	60-9780	Head	1
6		Ring - Back-up	3
7		O-Ring	2
8		Ring - Backup	1

Ref. No.	Part No.	Description	No. Used
9		O-Ring	1
10		O-Ring	1
11	60-9770	Piston	1
12	60-9760	Nut	1
†13		Barrel	1
*	61-4960	Seal Repair Kit (Incl. Ref. #3, 6-10)	1

†Not available separately.



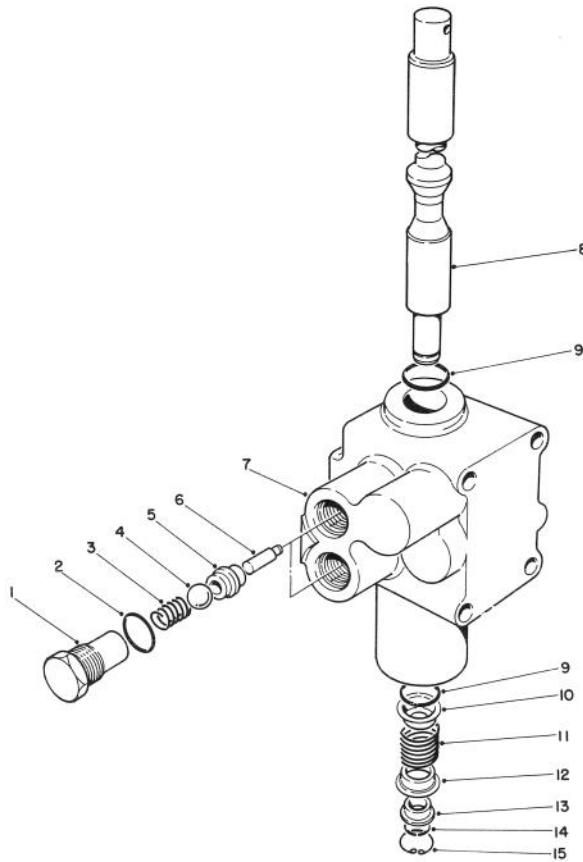
T-0527

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.

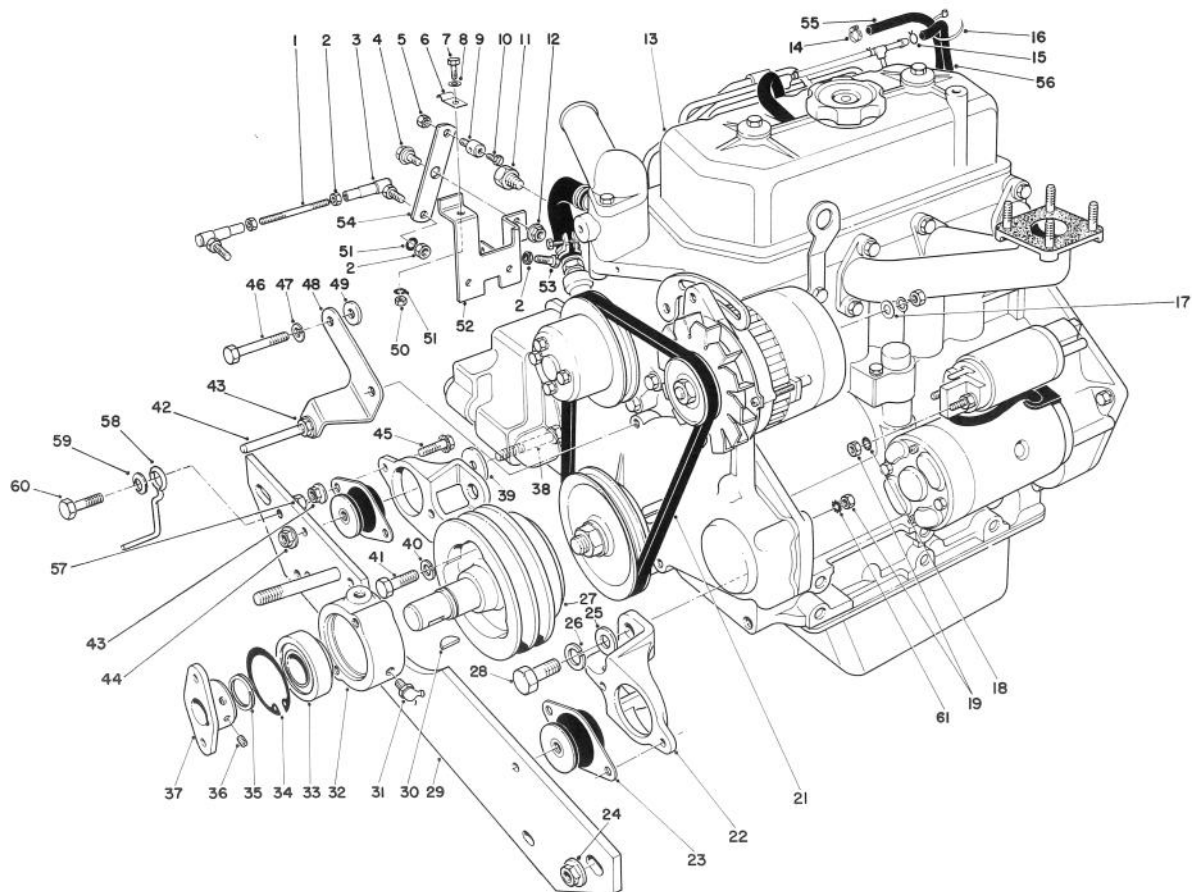


T-0428

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

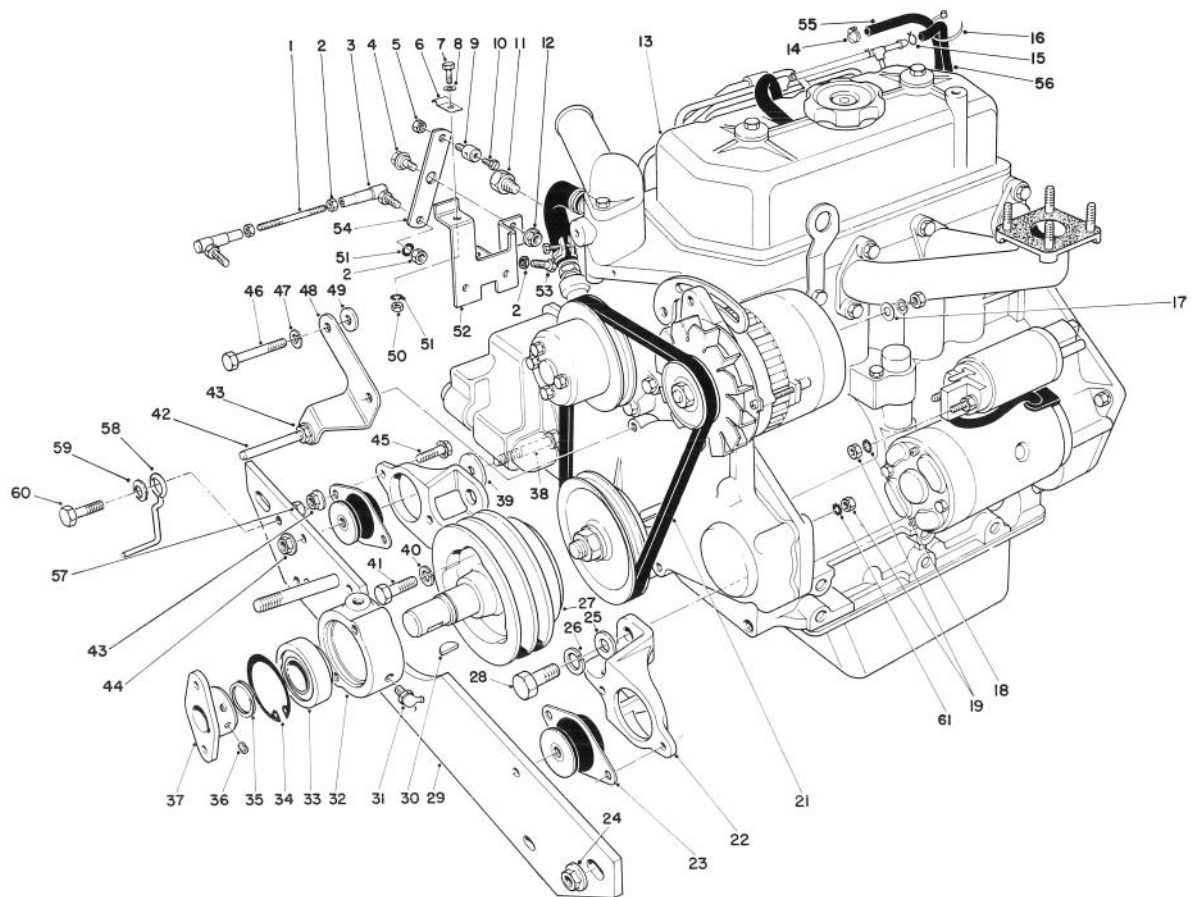


T-0429

ENGINE ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
28	43-3210	Screw - Cap, Hex. Hd.	4
29	75-9900	Engine Support - Front	1
30	3257-33	Key Woodruff	1
31	302-10	Grease Fitting	1
32	43-3720	Collar - Bearing	1
33	251-252	Ball Bearing	1
34	32120-22	Ring - Retaining Internal	1
35	32120-69	Ring - Retaining External	1
36	3245-1	Screw - Set Socket Head	2
37	27-1960	Hub - Engine	1
38	324-12	Screw - Cap, Hex. Hd.	2
39	53-9480	Washer	2
40	42-9600	Washer - Lock	3
41	43-3190	Screw - Cap Hex. Hd.	3
42	21-1820	Stud - Belt Retainer	2
43	3290-357	Nut - Lock Flange	7
44	32128-37	Nut - Lock Flange	2
45	3234-11	Screw - Cap Hex. Hd.	4
46	43-3220	Screw - Cap Hex. Hd.	2
47	3253-4	Washer - Lock	2
48	43-3790	Bracket Belt Guide	1
49	4-2390	Washer	2
50	3217-5	Nut	1
51	3253-3	Washer - Lock	3
52	43-3730	Bracket Throttle Control	1
53	329-7	Screw - Cap Hex. Hd.	1

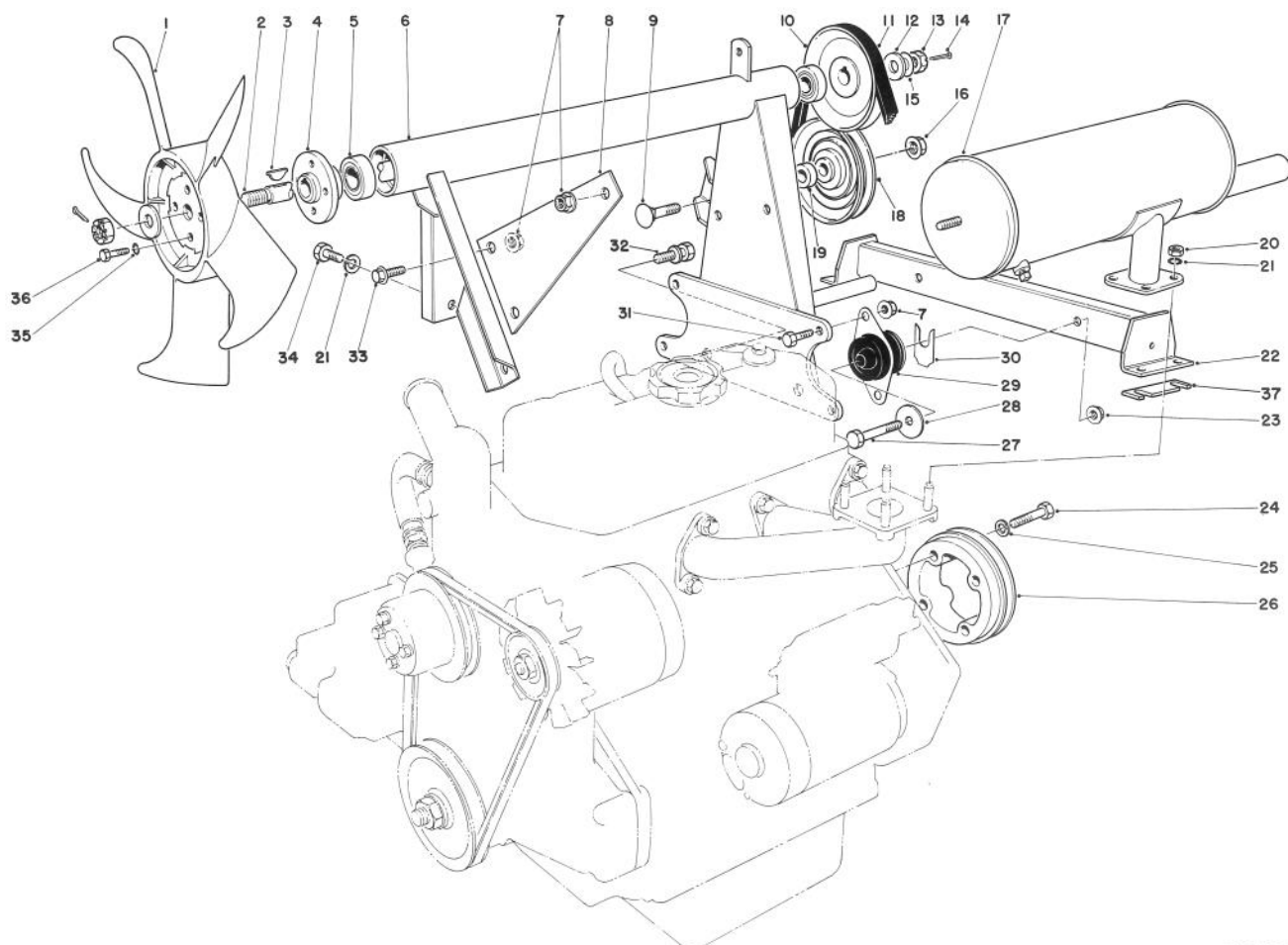


T-0429

ENGINE ASSEMBLY (Continued)

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

Ref. No.	Part No.	Description	No. Used
58	63-1400	Belt Guide	1
59	3290-224	Washer - Lock	1
60	3234-18	Screw - Cap Hex. Hd.	1
61	3255-9	Washer - Lock E.T.L.W.	1

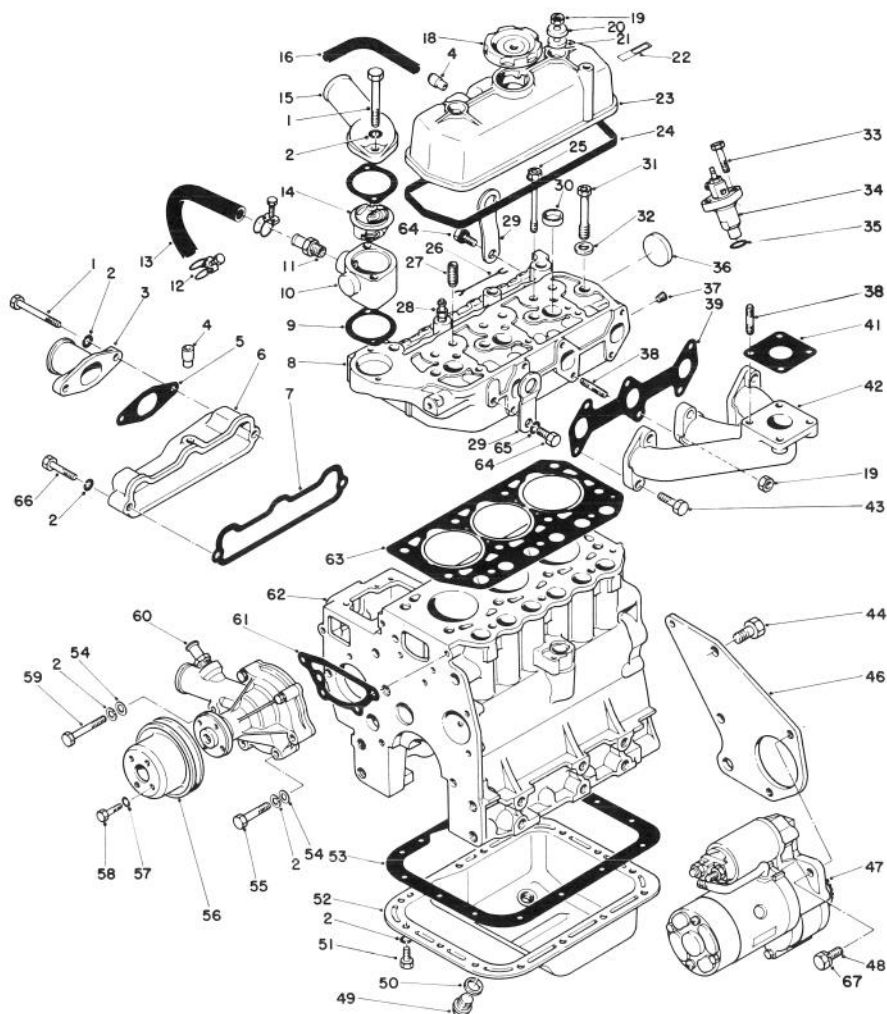


T-0430A

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				

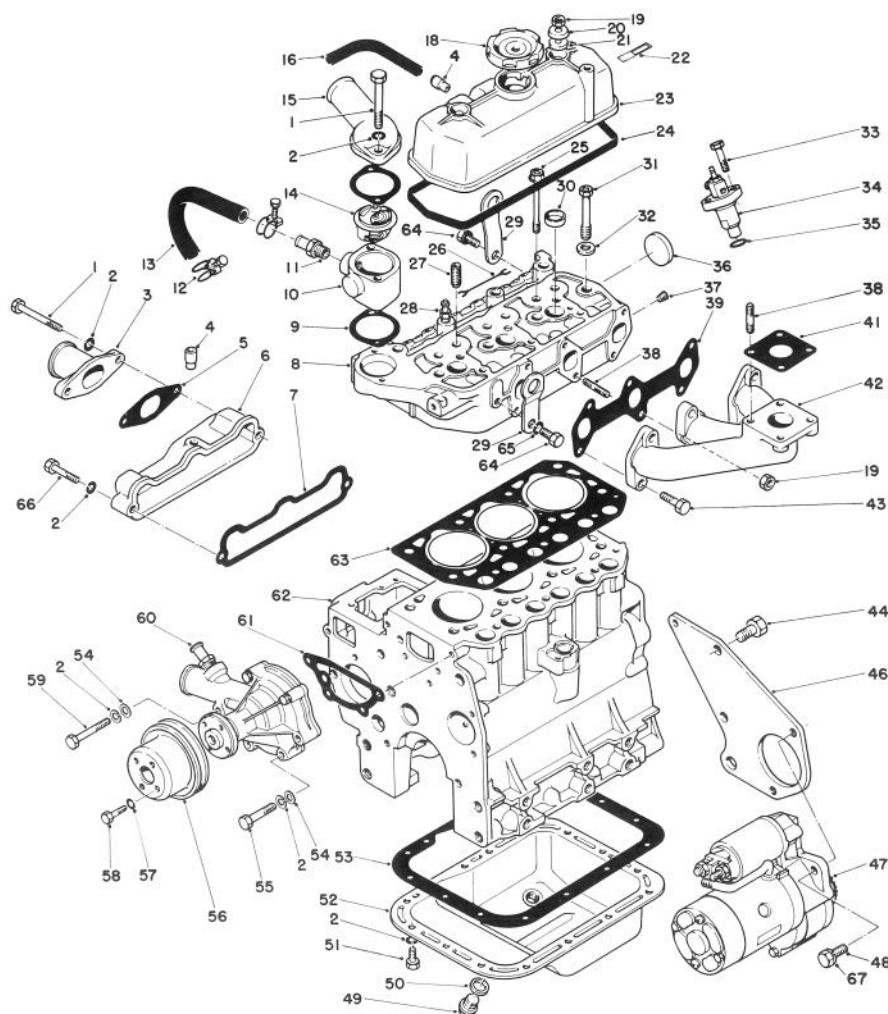
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T-0431

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-9310	Screw - Cp, 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	Intake Manifold Assembly	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	Head Assembl - 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	40	42-9110	Gasket	1
16	42-7430	Pipe - Air Breather	1	41	43-1870	Manifold - Exhaust	1
17	42-7420	Cap - Oil Filter	1	42	42-9520	Screw - Cap (8 x 30)	5
18	42-9580	Nut (8)	3	43	42-9240	Screw - Cap (12 x 28)	3
19	42-9800	Washer	2	44	43-1770	Plate - Rear	1
20	42-7490	Seal - Oil	2	45	46-7610	Starter Assembly	1
21	42-7530	Label - Engine No.	1	46	43-0090	Screw - Cap (10 x 25)	2
22	42-7500	Cover Assembly - Rocker	1	47	42-9260	Plug - Oil Drain	1
23	42-7520	Gasket - Rocker Cover	1	48	42-7290	Gasket - Oil Drain Plug (18)	1
24	42-9330	Bolt - Cylinder Head (10 x 90)	3	49	42-9230	Screw - Cap (8 x 16)	15

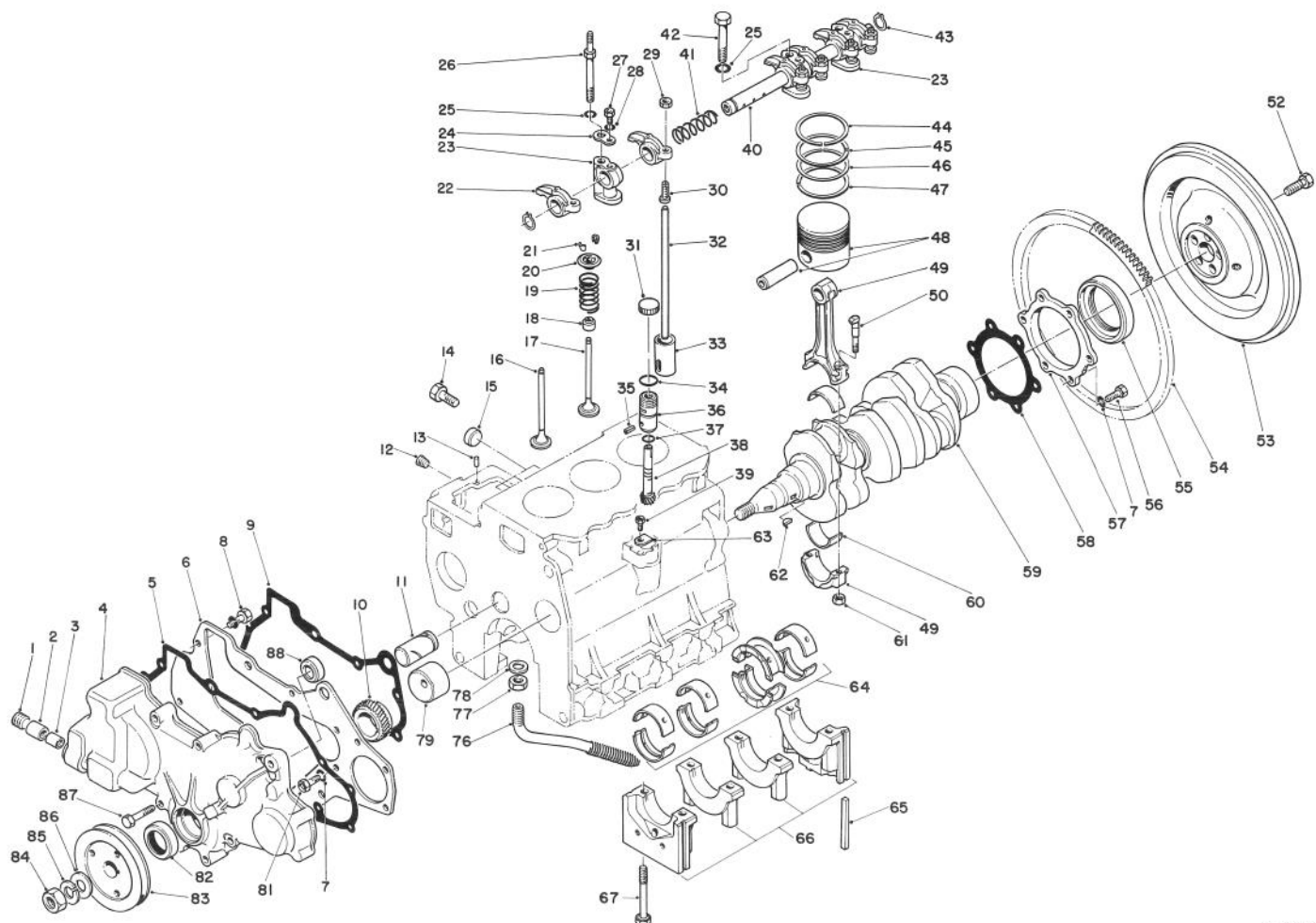


T-0431

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



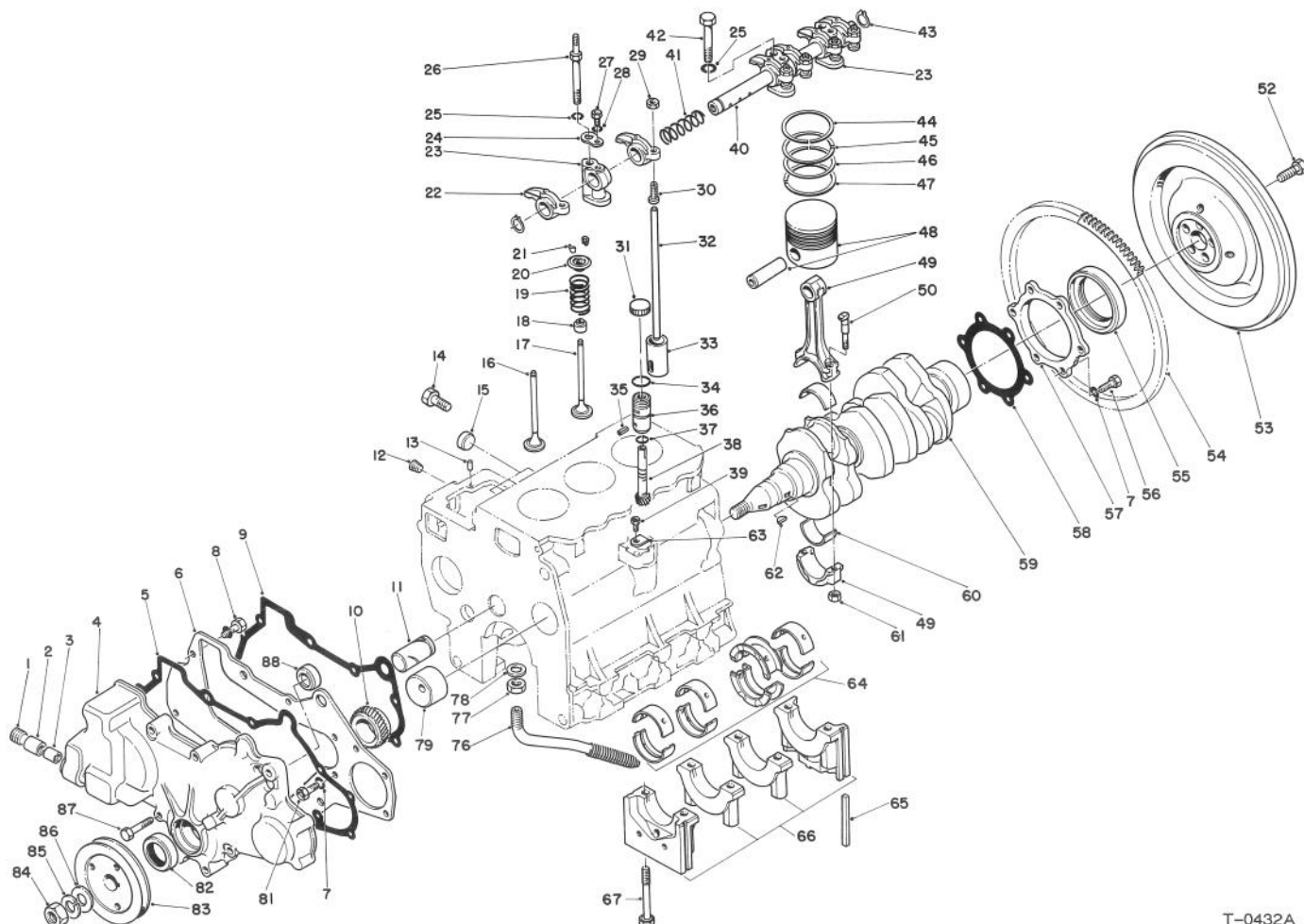
T-0432A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-7400	Plug - Taper	1	30	42-7980	Screw - Adjusting	6
2	42-7320	Bearing - Needle	1	31	49-7990	Cap - Shipping	1
3	42-7310	Bearing - Needle	1	32	42-7920	Rod - Push	6
4	42-7330	Case - Gear	1	33	42-7890	Tappet	6
5	42-7340	Gasket - Gear Case	1	34	42-9010	O-Ring	1
6	62-3740	Plate - Front	1	35	42-8970	Pin - Spring	1
7	42-9850	Washer - Lock	11	36	42-8980	Sleeve - Gear	1
8	62-3730	Screw - Cap, w/Washer	2	37	42-8990	O-Ring	1
9	42-7150	Gasket - Front Plate	1	†38		Gear - Driven	1
10	42-7700	Gear - Crankshaft	1	39	42-9440	Screw - Cap, Hex. Hd.	1
11	42-7110	Shaft - Idler	1	40	42-7960	Shaft Assembly - Rocker	1
12	42-7210	Plug - Taper	3	41	42-7930	Spring - Rocker Shaft L.H.	1
13	42-7030	Pin - Dowel	2	42	42-9370	Screw - Cap, Hex. Hd.	1
14	42-9250	Screw - Cap, Hex. Hd.	4	43	42-7990	Ring - Snap	2
15	42-7080	Cap - Sealing	2	44	72-4200	Ring - Set - Piston Std.	3
16	42-7900	Valve - Intake	3	45	72-4210	Ring Set - Piston 0.25 (.010 in.) 0.5.	3
17	42-7910	Valve - Exhaust	3	46	72-4220	Ring Set - Piston 0.50 (.020 in.) 0.5.	3
18	42-7870	Seal - Valve Stem	6	47	72-4230	Ring Set - Piston 0.75 (.030 in.) 0.5.	3
19	42-7880	Spring - Valve	6	48	72-4240	Piston & Piston Pin Std.	3
20	42-7850	Retainer - Valve Spring	6	*	72-4250	Piston & Piston Pin 0.25 (.010 in.) 0.5.	3
21	42-7860	Lock - Spring Retainer	12	*	72-4260	Piston & Piston Pin 0.50 (.020 in.) 0.5.	3
22	42-7940	Arm - Rocker	6	*	72-4270	Piston & Piston Pin 0.75 (.030 in.) 0.5.	3
23	42-7970	Stay - Rocker	3				
24	42-7950	Washer - Seat	2				
25	42-9600	Washer - Spring	3				
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				

*Not Illustrated

†Not Serviced Separately



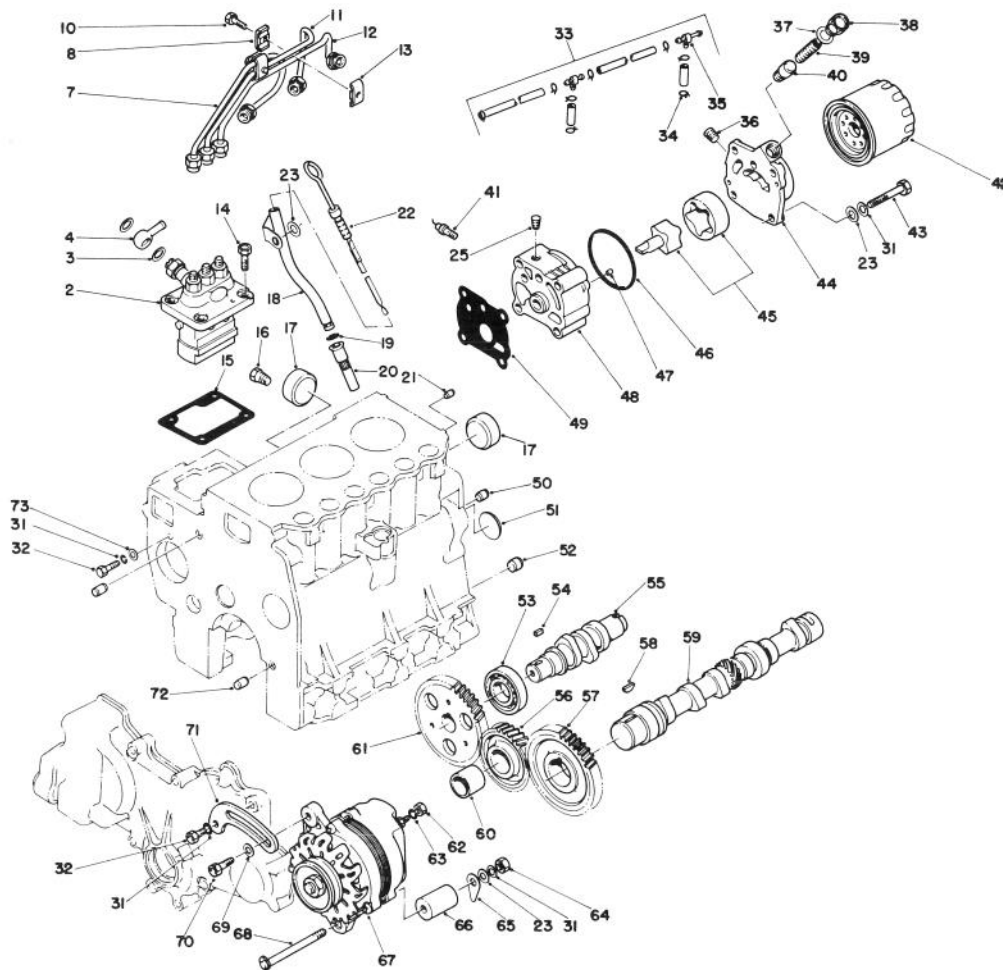
T-0432A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	42-7650	Connecting Rod Assembly	3	64	42-7230	Bearing Set	
50	42-9470	Bolt - Connecting Rod	6			Crankshaft Std.	1
52	54-8670	Bolt - Flywheel	5	*	42-7240	Bearing Set - Crankshaft	
53	43-1800	Flywheel				0.25 (.010 in.) U.S.	1
		(Incl. Ref. #54)	1	*	42-7250	Bearing Set - Crankshaft	
54	43-1810	Gear - Ring	1			0.50 (.020 in.) U.S.	1
55	42-7060	Seal - Oil	1	*	42-7260	Bearing Set - Crankshaft	
56	42-9220	Screw - Cap, Hex. Hd.	6			0.75 (.030 in.) U.S.	1
57	42-7120	Case - Oil Seal	1	65	42-7040	Seal - Side	4
58	42-7130	Gasket - Oil Seal	1	†66		Bearing Cap Assembly	1
59	42-7710	Crankshaft	1	67	42-9210	Bolt - Bearing Cap	8
60	42-7660	Bearing Set		76	48-2010	Screen - Assembly Oil	1
		Connecting Rod Std.	3	77	48-1990	Nut - Jam	1
*	42-7670	Bearing Set		78	48-1980	Gasket	1
		Connecting Rod		79	42-7100	Bushing - Camshaft	1
		0.25 (.010 in.) U.S.	3	81	42-9230	Screw - Cap, Hex. Hd.	3
*	42-7680	Bearing Set		82	42-7390	Seal - Oil	1
		Connecting Rod		83	42-7720	Pulley - Crankshaft	1
		0.50 (.020 in.) U.S.	3	84	43-6470	Nut	1
*	42-7690	Bearing Set		85	42-9860	Washer - Spring	1
		Connecting Rod		86	42-9810	Washer - Flat	1
		0.75 (.030 in.) U.S.	3	87	42-9500	Screw - Cap, Hex. Hd.	8
61	42-9590	Nut - Connecting Rod	6	88	82-2590	Plug - Thrust	1
62	42-7730	Key - Woodruff	2	*	42-8960	Driven Unit - Speedometer	
63	42-9020	Plate - Locking	1			(Incl. Ref. #34-38)	1

*Not Illustrated

†Not Available

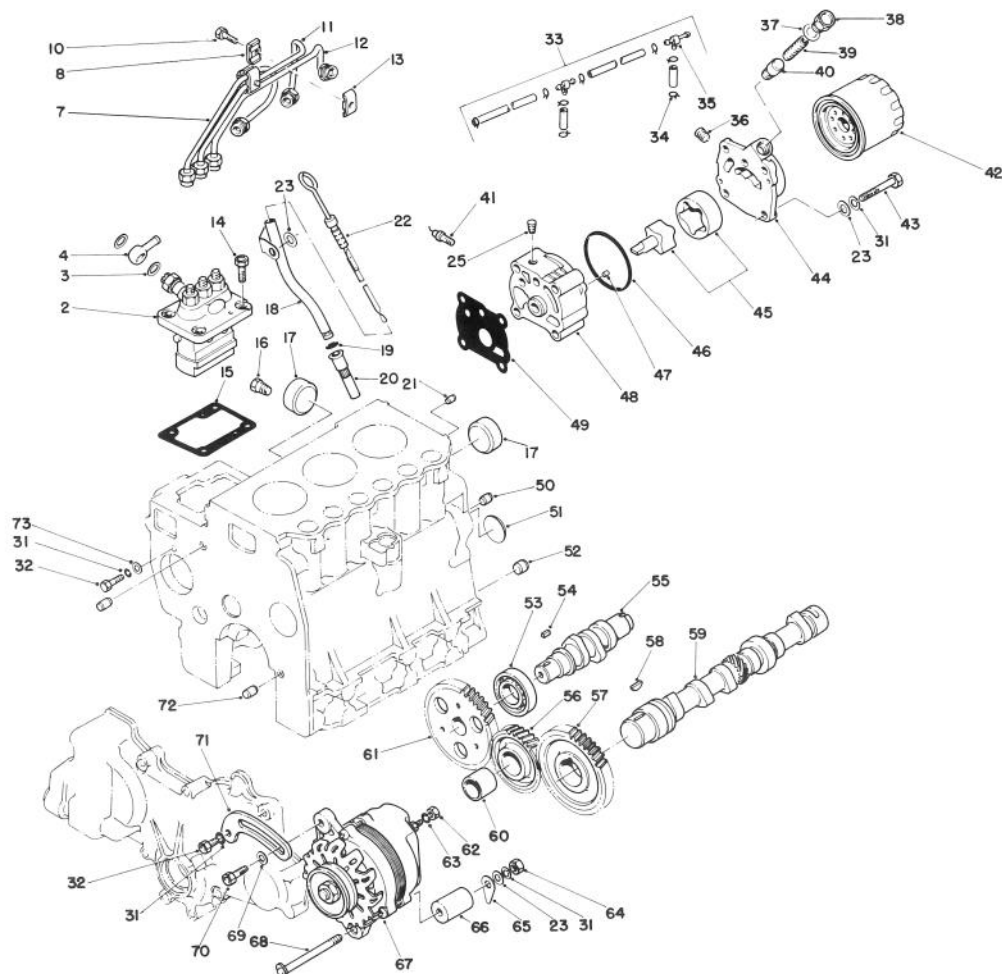


T-0433

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	42-71 60	Pin - Dowel	1
4	42-8100	Collar - Union	1	22	42-7270	Gauge Assembly - Oil Level	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

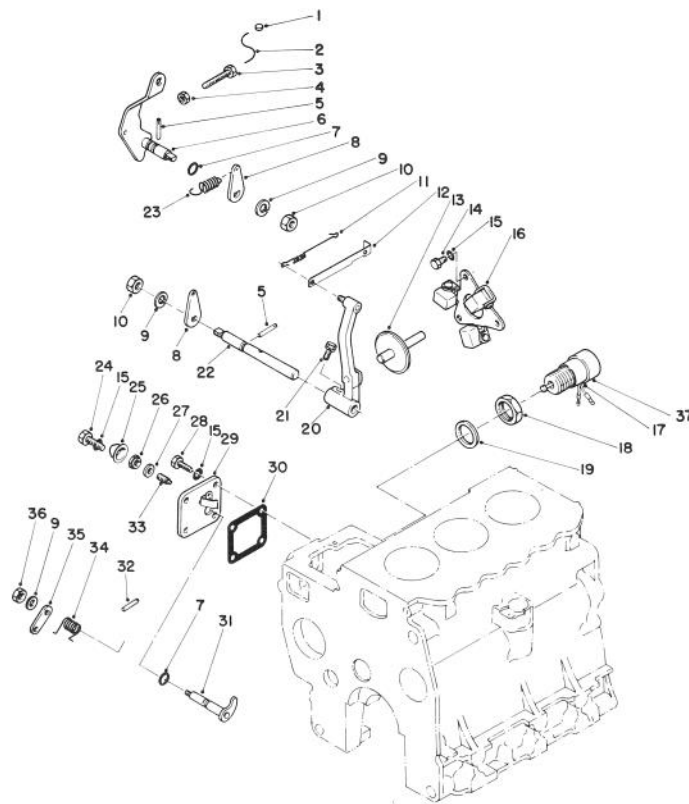


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ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	42-7200	Bushing - Knock	1	64	42-9580	Nut	1
53	42-7820	Bearing - Ball	1	65	43-0370	Shim	AIR
54	42-7840	Key - Sunk	1	66	43-0380	Spacer	1
55	42-7810	Shaft - Injection Pump Cam	1	67	43-0390	Alternator (Model AH2035M4)	1
56	42-7790	Idle Gear Assembly (Incl. Ref. #60)	1	68	43-1900	Screw - Cap, Hex. Hd.	1
57	42-7780	Gear - Camshaft	1	69	54-8660	Washer	1
58	42-7730	Key - Woodruff	1	70	54-8650	Screw - Cap, Flange Hd.	1
59	72-4280	Camshaft	1	71	43-0400	Brace - Alternator	1
60		Bushing - Idle Gear	1	72	42-7190	Bushing - Knock	2
61	42-7830	Gear - Injection Pump Cam	1	73	42-9820	Washer	1
62	43-5970	Nut	1	*	42-8850	Oil Pump Assembly (Incl. Ref. 36-40 & 44-48)	1
63	43-5920	Washer - Lock	1				

*Not Illustrated

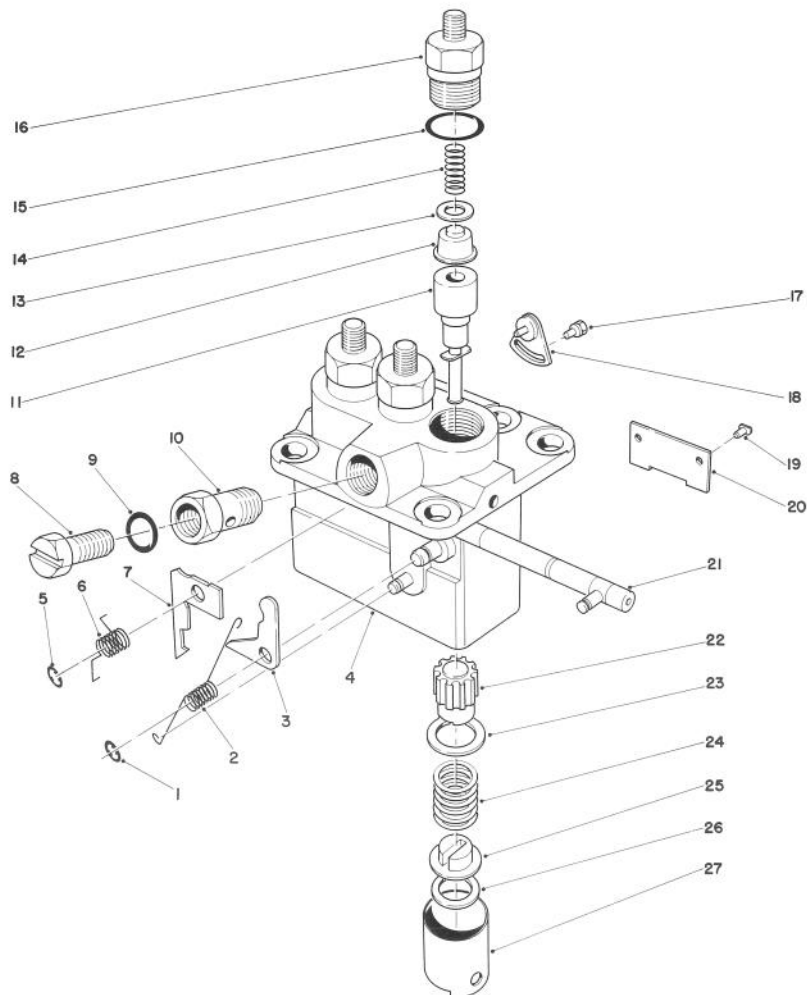


T-0434

ENGINE ASSEMBLY (Continued)

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

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



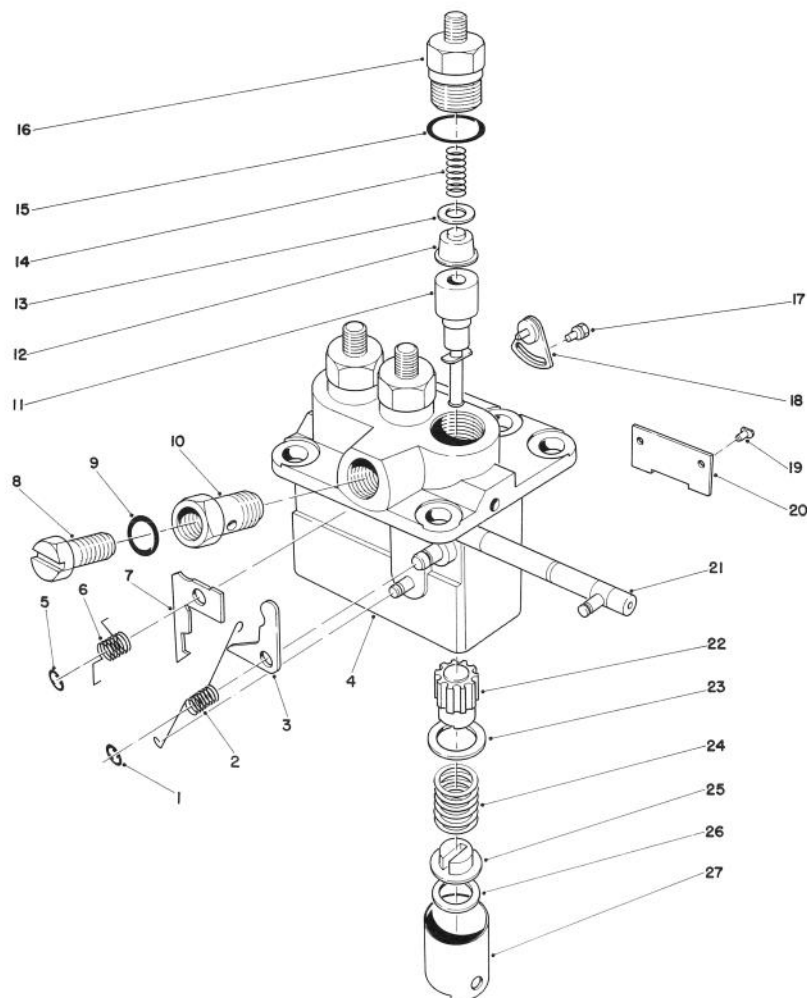
T-0435

FUEL INJECTION PUMP ASSEMBLY NO. 42-8000

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

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

*Not Illustrated

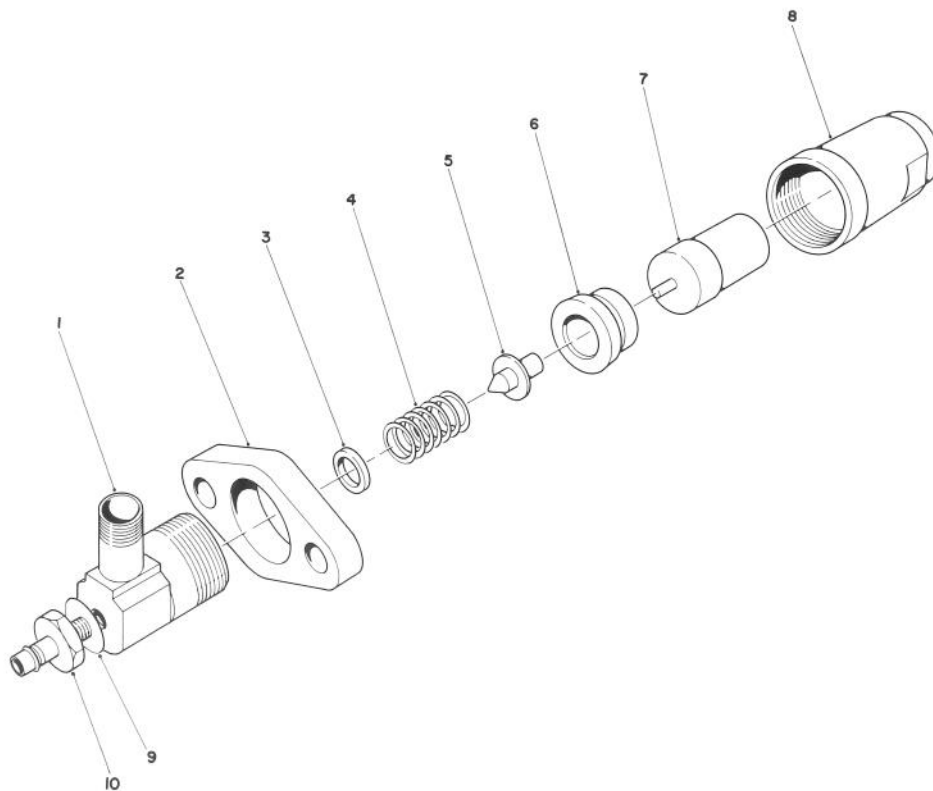


T-0435

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

Ref. No.	Part No.	Description	No. Used	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



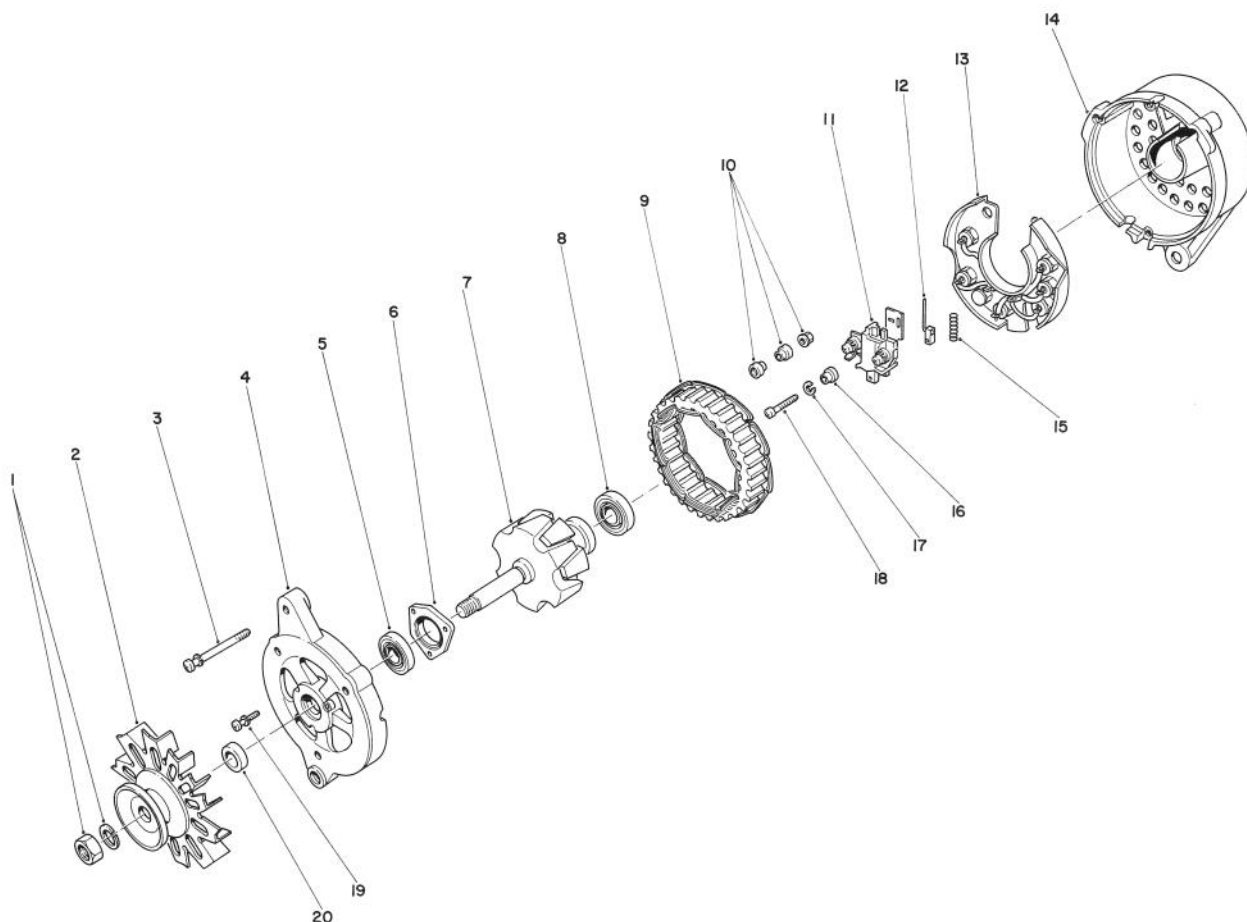
T-0436

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

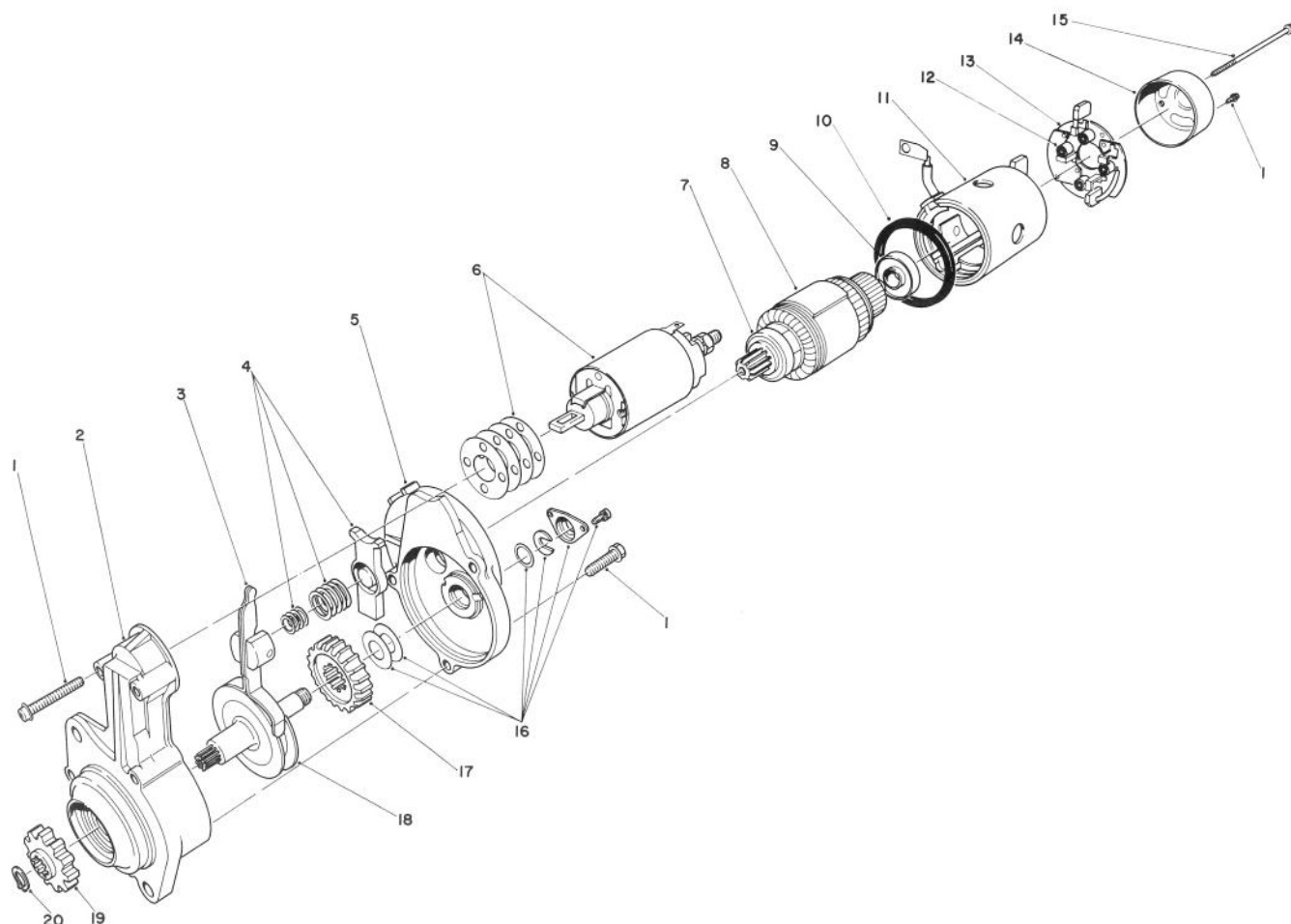


T-0437

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		Plate - Ball 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		Collar - Shaft	1



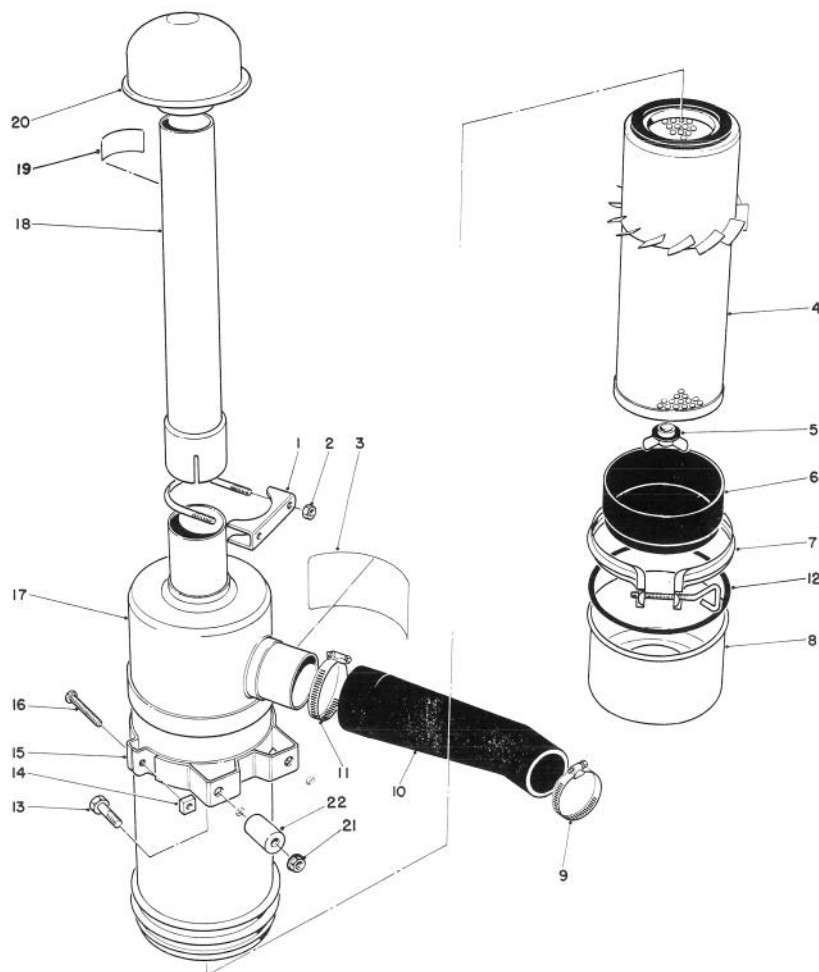
T-0438

STARTER ASSEMBLY NO. 46-7610

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

Ref. No.	Part No.	Description	No. Used
13	46-7790	Brush Holder Assembly (Incl. Ref. #12)	1
14	46-8040	Bracket - Rear	1
15	46-7700	Bolt Set	1
16	46-7770	Cover Set	1
17	46-7760	Gear	1
18	46-7750	Shaft Assembly Pinion	1
19	46-7720	Pinion Set (Incl. Ref. #20)	1
20	46-7730	Snap Ring	1
*	46-7740	Gear Set (Incl. Ref. #17 & 18)	1
*	46-7710	Shaft Assembly - Clutch (Incl. Ref. #16-20)	1

*Not Illustrated

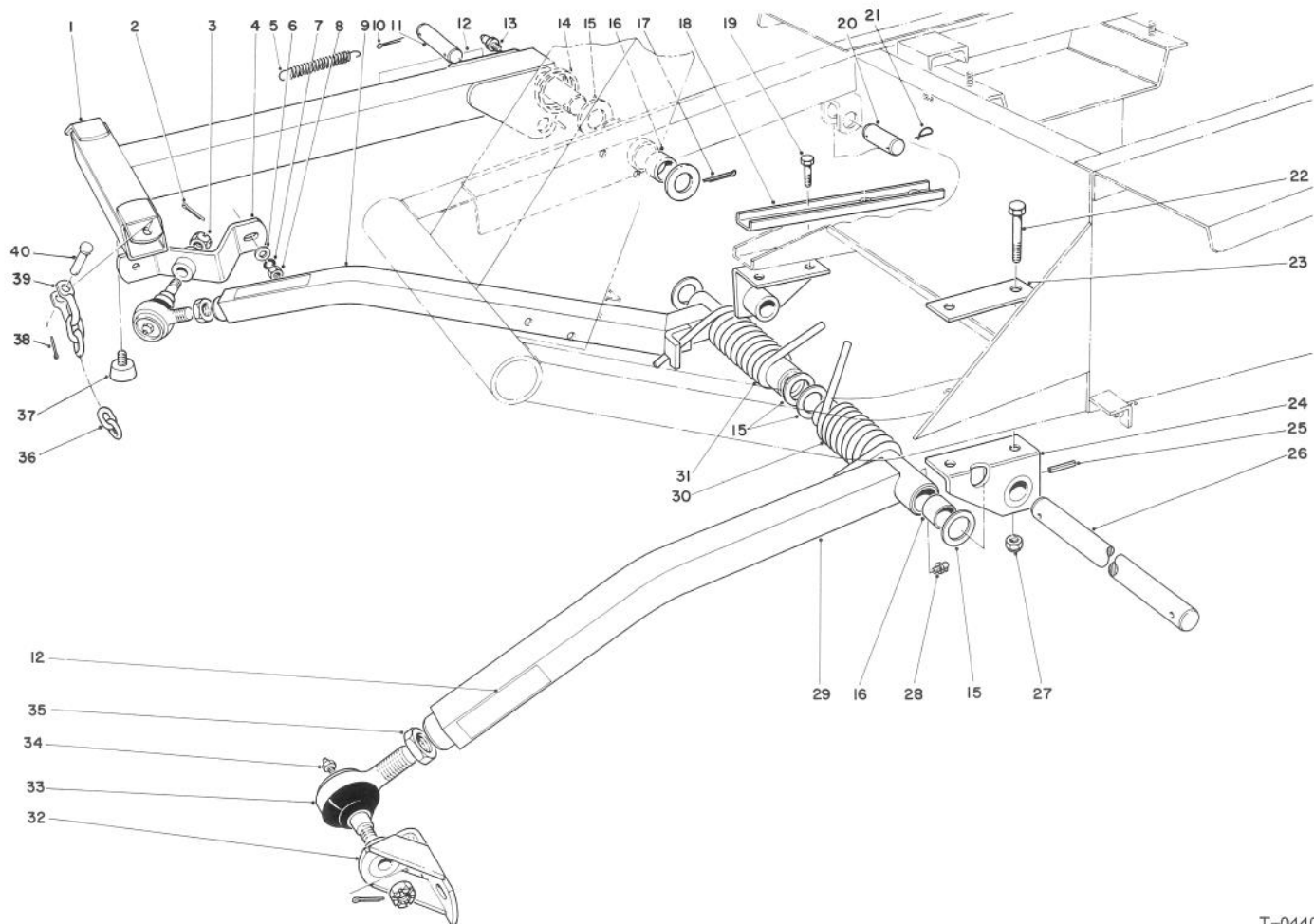


T-1188

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	20-4840	Muffler Clamp (Incl. Ref. #2)	1
2	3217-6	Nut	2
3	27-7160	Decal - Instructions	1
4	27-7110	Element Assembly	1
5	27-7120	Nut & Gasket Assembly	1
6	27-7140	Skirt - Baffle	1
7	27-7130	Clamp Assembly	1
8	27-7150	Cup Assembly	1
9	2412-3	Hose - Clamp	1
10	80-0060	Hose - Air Cleaner	1
11	2412-42	Hose Clamp	1
12	80-3330	Gasket	1

Ref. No.	Part No.	Description	No. Used
13	322-10	Screw - Cap, Hex. Hd.	4
14	32107-11	Nut	2
15	27-7170	Band Assy. (Incl. Ref. #14 & 16)	2
16	3258-19	Screw - Mach. Rd. Hd.	2
17	27-7100	Air Cleaner Assembly (Incl. Ref. #3-8)	1
18	43-3810	Tube - Air Cleaner	1
19	67-1700	Decal - Starting Fluid	1
20	27-7180	Cap Assembly - Air Inlet	1
21	32128-20	Nut - Flange	4
22	77-3180	Spacer	4

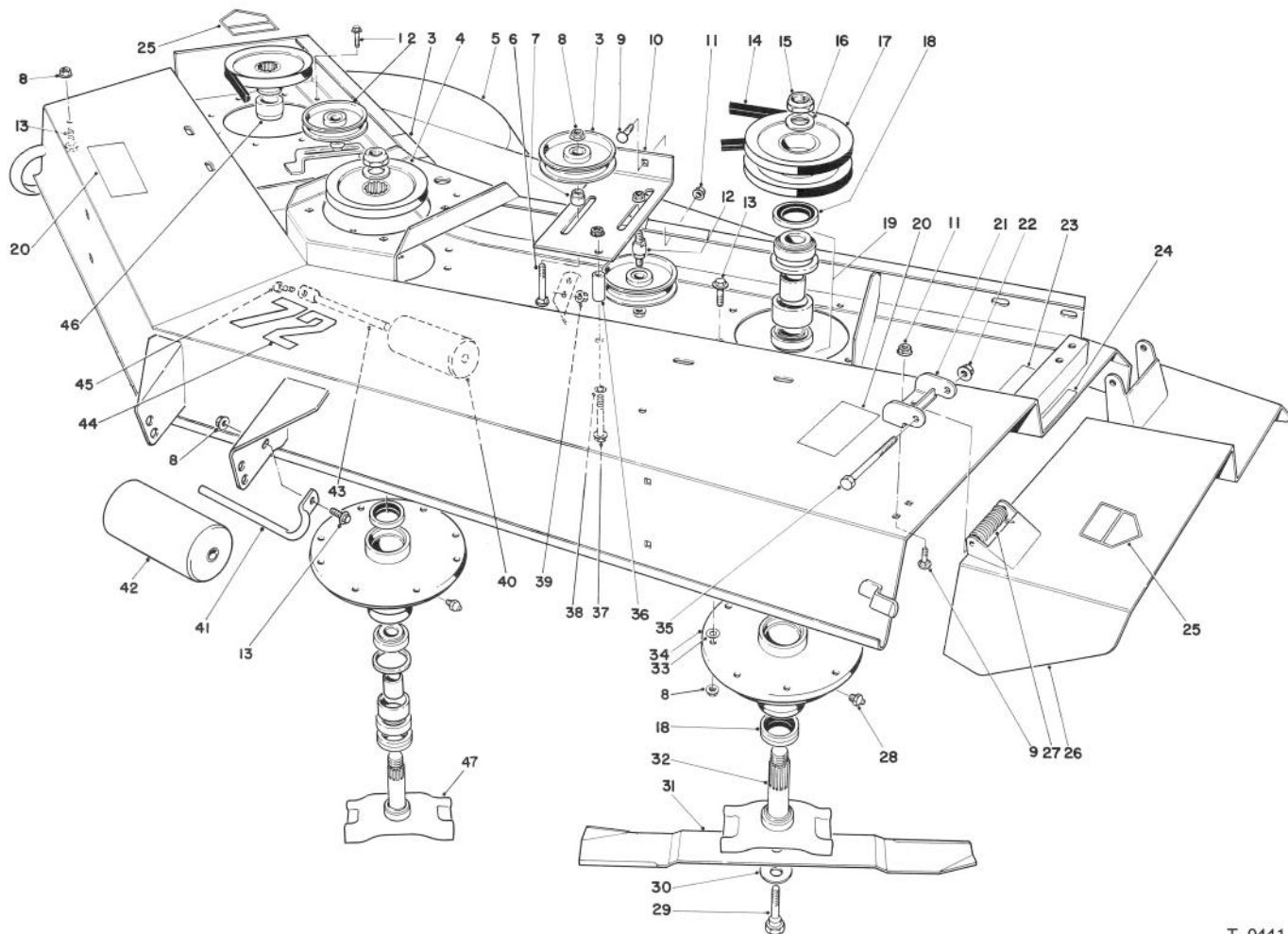


T-0440

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	61-3610	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	21-0160	Ball Joint Assembly	2
34	302-2	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

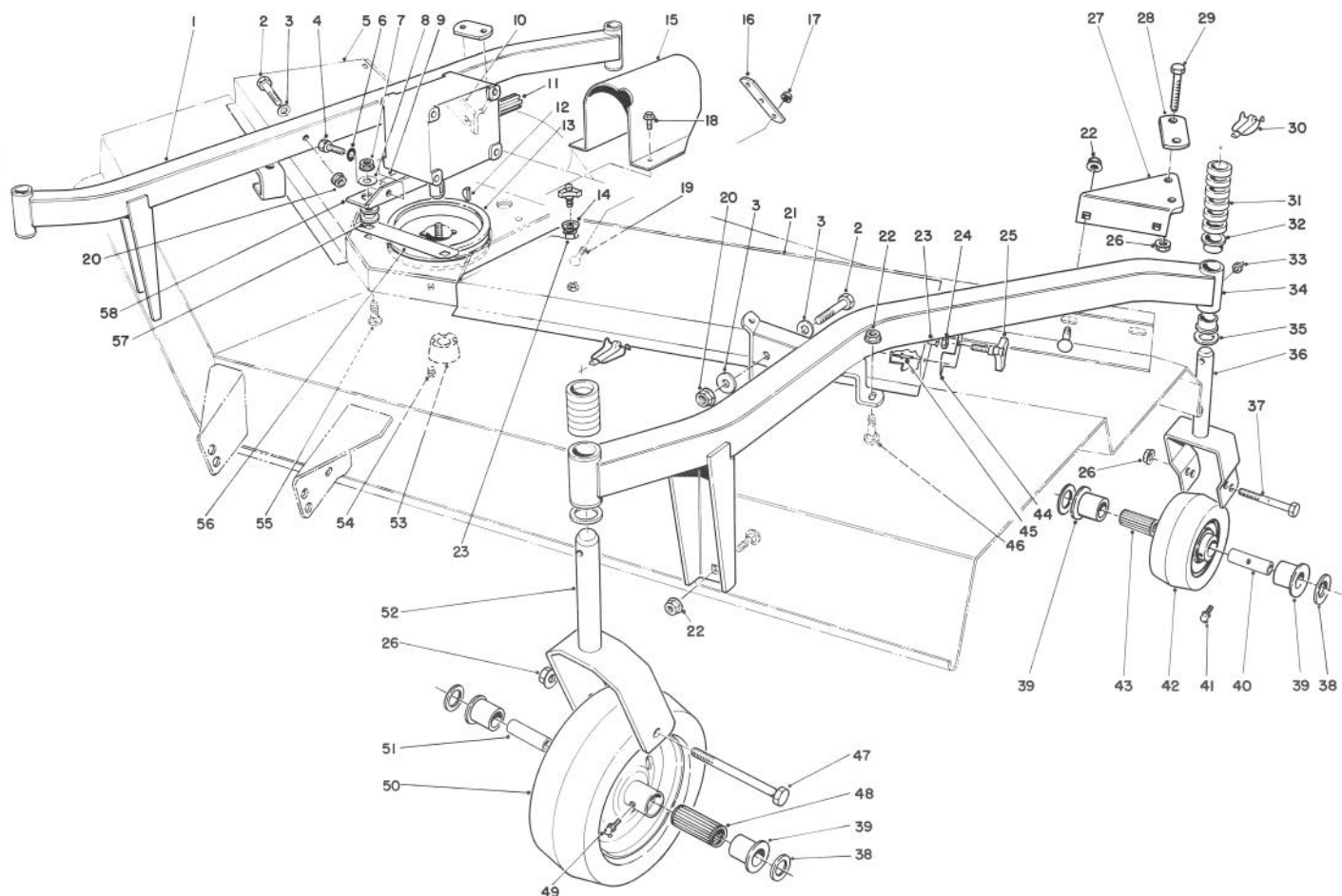


T-0441

CUTTING UNIT MODEL NO. 30722 (Serial No. 10001 thru 20610)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw - Hex. Hd. Flange	4	25	43-8480	Decal - Danger	2
2	26-1840	Idler Pulley	3	26	51-1470	Deflector	1
3	67-5360	Decal - Danger	2	27	51-1550	Spring	2
4	26-1760	Pulley	2	28	302-52	Fitting - Grease	3
5	14-0289	Cutting Deck (Incl. Ref. #23 page 54)	1	29	26-1820	Screw - Cap Hex. Hd.	3
6	3231-29	Bolt - Carriage	2	30	26-1990	Washer - Belleville	3
7	26-1860	Spacer - Idler Pulley	2	31	29-5530	Blade	3
8	32128-21	Nut - Flange	33	32	26-1690	Spindle - Outer	2
9	3231-27	Bolt - Carriage	6	33	3256-24	Washer	A/R
10	26-1870	Idler Mount L.H.	1	34	60-9700	Spindle Housing	3
11	3290-357	Nut - Flange	6	35	325-17	Screw - Cap Hex. Hd.	2
12	26-1850	Stud - Idler	1	36	26-1880	Spacer - Idler Mount	1
13	3234-1	Screw - Hex. Hd. Flange	24	37	323-12	Screw - Cap Hex. Hd.	1
14	21-0890	V-Belt	3	38	3253-21	Washer - Lock	1
15	3296-49	Nut	3	39	32128-25	Nut - Lock Flange	2
16	3-8514	Washer	3	40	36-1740	Roller - Deck	2
17	26-9100	Pulley L.H.	1	41	68-6840	Shaft - Roller	1
18	253-138	Seal - Oil	9	42	68-6710	Roller - Deck	1
19	49-8320	Bearing & Spacer Set	3	43	62-4480	Rod - Roller	2
20	66-1340	Decal - Danger	2	44	57-0280	Decal - 72"	1
21	51-1530	Hinge Bracket	2	45	322-4	Screw - Cap. Hex Hd.	2
22	32128-23	Nut - Lock Flange	2	46	26-1790	Spacer R.H. Spindle	1
23	68-7280	Decal - Blade Bolt Torque	1	47	26-1680	Spindle Ctr.	1
24	66-6380	Decal - Deflector Missing	1	*	23-2410	Blade - High Sail (Opt.)	3

*Not Illustrated



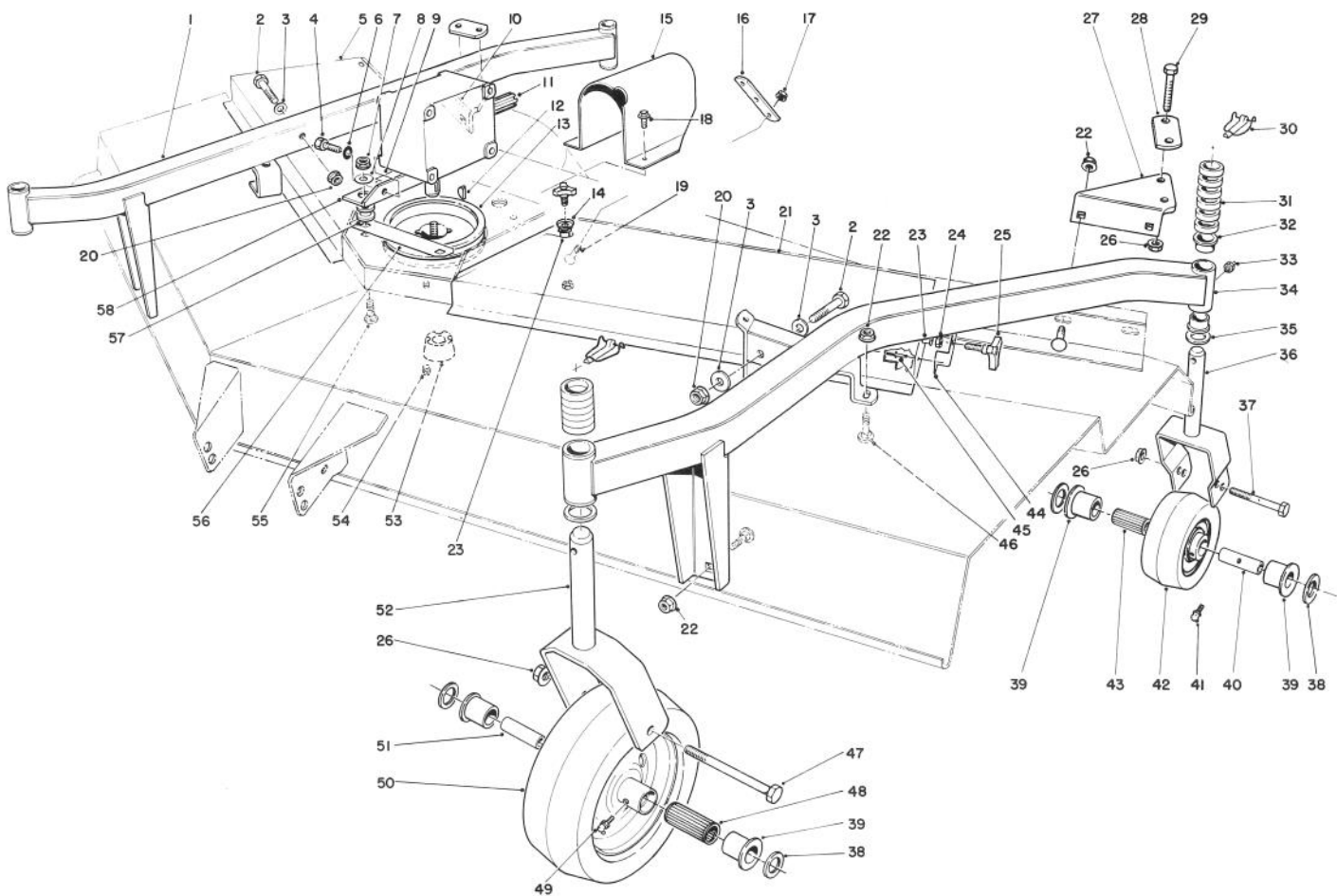
T-0442

CUTTING UNIT MODEL NO. 30722 (Serial No. 10001 thru 20610) (Continued)

Ref. No.	Part No.	Description	No. Used
1	26-1490	Caster Arm R.H. (Incl. Ref. #32)	1
2	324-12	Screw - Cap Hex Hd.	4
3	66-6480	Washer - Flat	4
4	323-4	Screw - Cap Hex Hd.	4
5	14-0809	Cover - Deck R.H. (Incl. Ref. #24, 25, 44-45)	1
6	3253-21	Washer - Lock	4
7	32128-21	Nut - Flange	4
8	63-8410	Washer	4
9	70-2560	Decal - Lube	1
10	39-3340	Bracket - Clamp	1
11	68-6810	Gear Case Assembly	1
12	3257-5	Key - Woodruff	1
13	26-1400	Pulley - Deck	1
14	66-6310	Washer - Cup	2
15	63-1970	Shroud - Universal	1
16	21-3770	Strap - Lift	1
17	3290-357	Nut - Flange	4
18	32104-82	Screw - Cap Self-Tapping	2
19	3231-27	Bolt - Carriage	2
20	32128-42	Nut - Flange	4
21	14-0819	Cover - Deck L.H. (Incl. Ref. #24, 25, 44-45)	1
22	32128-49	Nut - Flange	12

Ref. No.	Part No.	Description	No. Used
†23	3290-469	Nut - Grip	4
24	3296-59	Nut - Lock	4
25	27-4570	Knob	4
26	32128-23	Nut - Lock Flange	8
27	39-7450	Bracket - Clamp	1
28	39-3330	Bar - Caster Clamp	2
29	325-14	Screw - Cap Hex Hd.	4
30	3290-384	Pin - Lynch	4
31	63-0070	Spacer - 1/2	24
32	28-9290	Bushing - Special	8
33	302-5	Fitting - Grease	4
34	26-1430	Caster Arm (Incl. Ref. #32)	1
35	3-6781	Washer	4
36	75-9680	Fork - Caster, Rear	2
37	325-18	Screw - Cap Hex Hd.	2
38	3256-6	Washer - Flat	8
39	62-5580	Bushing	8
40	63-1770	Spanner - Rear	2
41	302-11	Fitting - Grease	2
42	63-8400	Wheel - Caster Rear (Incl. Ref. #39, 41 & 43)	2
43	63-8580	Bearing - Roller	2
44	66-1260	Bracket - Knob	2
45	3269-5	Rivet - Pop	4

†Special tool required to install.



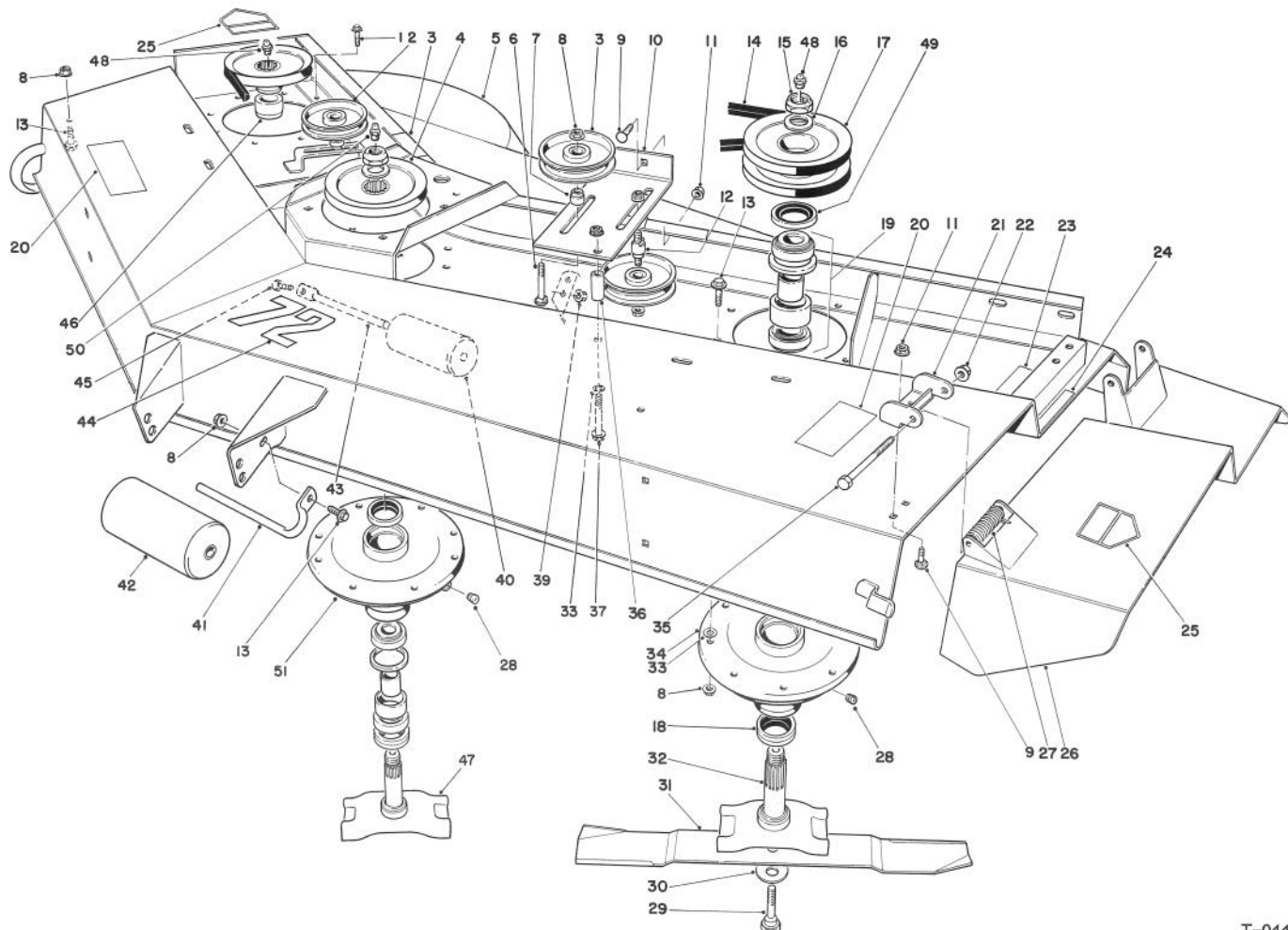
T-0442

CUTTING UNIT MODEL NO. 30722 (Serial No. 10001 thru 20610) (Continued)

Ref. No.	Part No.	Description	No. Used
46	3233-2	Bolt - Carriage	12
47	325-22	Screw - Cap Hex Hd.	2
48	83-4740	Bearing - Roller	2
49	302-40	Fitting - Grease	2
50	62-4330	Wheel - Caster - Front (Incl. Ref. #39, 48 & 49)	2
51	62-4340	Spanner - Front	2
52	26-1530	Fork - Caster Front	2
53	23-1640	Bushing - TaperLock (Incl. Ref. #54)	1

Ref. No.	Part No.	Description	No. Used
54	3247-4	Screw - Set	2
55	3231-26	Bolt - Carriage	4
56	68-9890	Cover - Gear Box Front	1
57	63-9750	Mount - Isolation	4
58	68-8560	Bracket - Gear Box	2
*	12-1509	Pneumatic Tire & Wheel (Optional)	2

*Not Illustrated

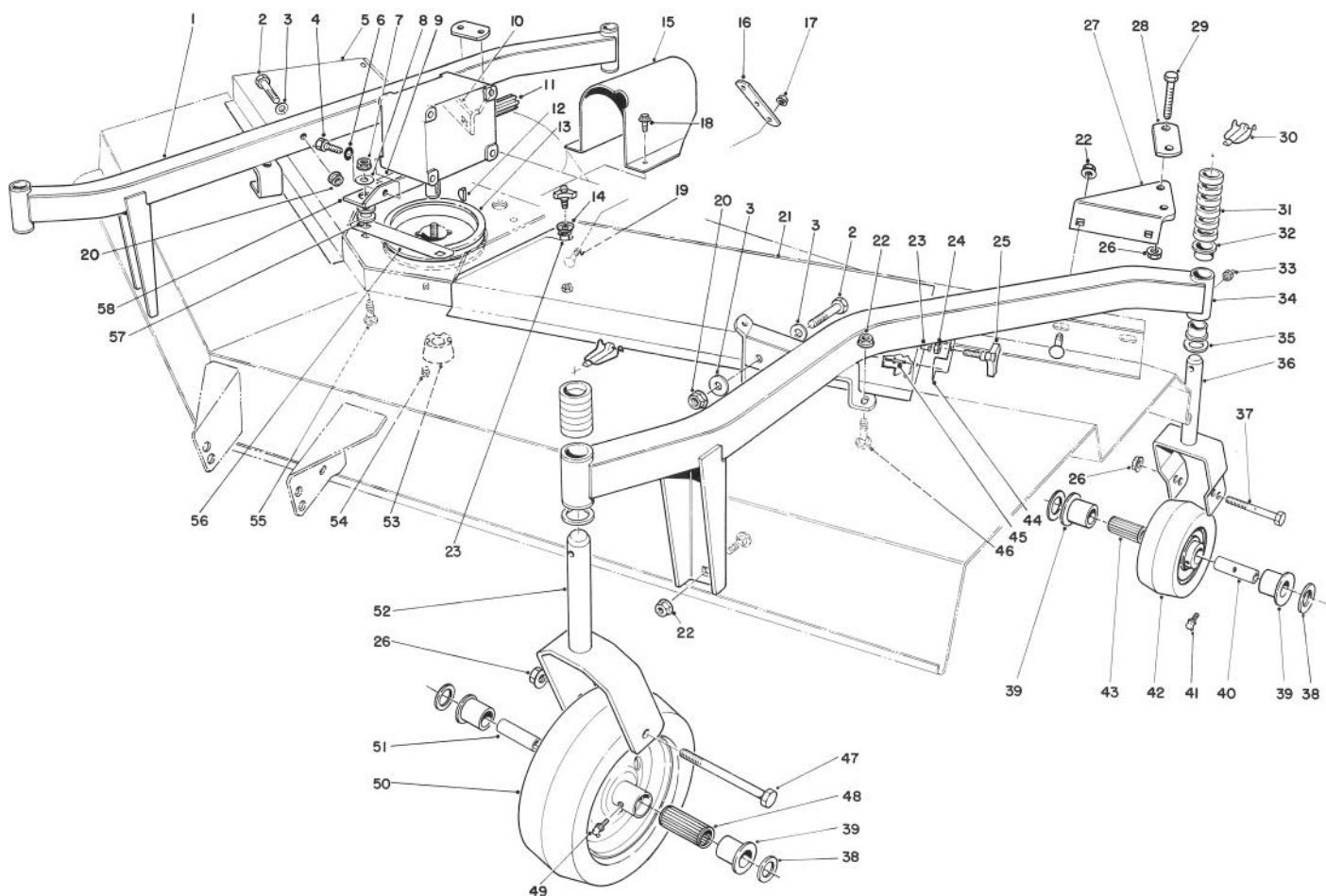


T-0441

CUTTING UNIT MODEL NO. 30722 (Serial No. 20611 & Up)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw - Hex. Hd. Flange	4	27	51-1550	Spring	2
2	26-1840	Idler Pulley	3	28	285-17	Plug	4
3	67-5360	Decal - Danger	2	29	26-1820	Screw - Cap Hex. Hd.	3
4	26-1760	Pulley	2	30	26-1990	Washer - Belleville	3
5	14-7409	Deck Assy. (Incl. Ref. #23)	1	31	29-5530	Blade	3
6	3231-29	Bolt - Carriage	2	32	84-2070	Spindle - Outer	2
7	26-1860	Spacer - Idler Pulley	2	33	3256-24	Washer	A/R
8	32128-21	Nut - Flange	33	34	84-2020	Outer Spindle Housing	2
9	3231-27	Bolt - Carriage	6	35	325-17	Screw - Cap Hex. Hd.	2
10	26-1870	Idler Mount L.H.	1	36	26-1880	Spacer - Idler Mount	1
11	3290-357	Nut - Flange	6	37	323-12	Screw - Cap Hex. Hd.	1
12	26-1850	Stud - Idler	1	39	32128-25	Nut - Lock Flange	2
13	3234-1	Screw - Hex. Hd. Flange	24	40	36-1740	Roller - Deck	2
14	21-0890	V-Belt	3	41	68-6840	Shaft - Roller	1
15	3296-49	Nut	3	42	68-6710	Roller - Deck	1
16	3-8514	Washer	3	43	62-4480	Rod - Roller	2
17	84-2060	Pulley L.H.	1	44	57-0280	Decal - 72"	1
18	253-138	Seal - Oil	6	45	322-4	Screw - Cap. Hex Hd.	2
19	49-8320	Bearing & Spacer Set	3	46	84-2090	Spacer R.H. Spindle	1
20	66-1340	Decal - Danger	2	47	84-5370	Spindle Center	1
21	51-1530	Hinge Bracket	2	48	302-5	Fitting - Graese	3
22	32128-23	Nut - Lock Flange	2	49	253-154	Seal - Oil	3
23	68-7280	Decal - Blade Bolt Torque	1	50	302-52	Fitting - Grease	1
24	66-6380	Decal - Deflector Missing	1	51	84-2080	Center Spindle Housing	1
25	43-8480	Decal - Danger	2	*	23-2410	Blade - High Sail (Opt.)	3
26	51-1470	Deflector	1				

*Not Illustrated



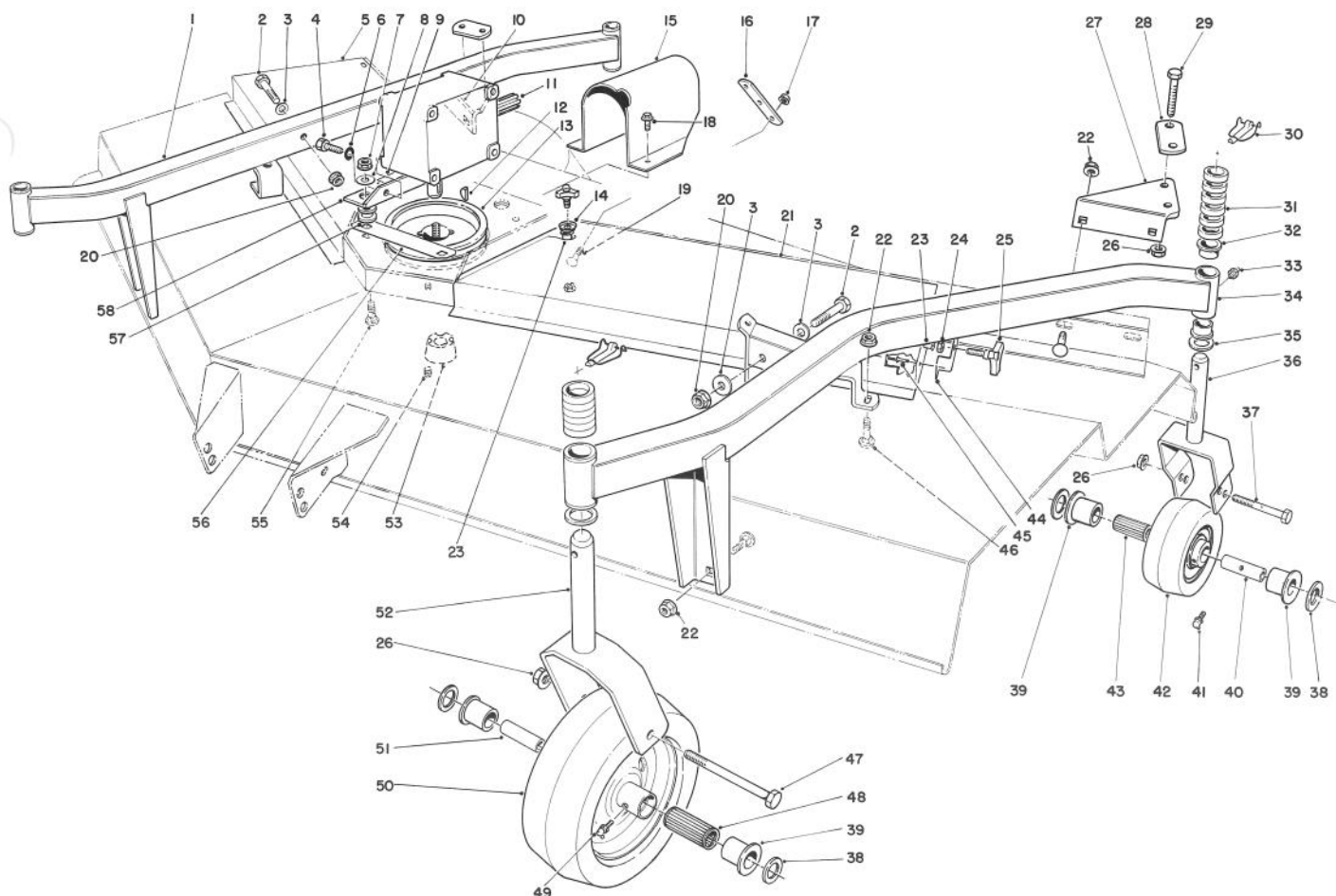
T-0442

CUTTING UNIT MODEL NO. 30722 (Serial No. 20611 & Up) (Continued)

Ref. No.	Part No.	Description	No. Used
1	26-1490	Caster Arm R.H. (Incl. Ref. #32)	1
2	324-12	Screw - Cap Hex Hd.	4
3	66-6480	Washer - Flat	4
4	323-4	Screw - Cap Hex Hd.	4
5	14-5869	Cover - Deck R.H. (Incl. Ref. #24, 25, 44-45)	1
6	3253-21	Washer - Lock	4
7	32128-21	Nut - Flange	4
8	63-8410	Washer	4
9	70-2560	Decal - Lube	1
10	39-3340	Bracket - Clamp	1
11	68-6810	Gear Case Assembly	1
12	3257-5	Key - Woodruff	1
13	26-1400	Pulley - Deck	1
14	66-6310	Washer - Cup	2
15	63-1970	Shroud - Universal	1
16	21-3770	Strap - Lift	1
17	3290-357	Nut - Flange	4
18	32104-82	Screw - Cap Self-Tapping	2
19	3231-27	Bolt - Carriage	2
20	32128-42	Nut - Flange	4
21	14-5879	Cover - Deck L.H. (Incl. Ref. #24, 25, 44-45)	1
22	32128-49	Nut - Flange	12

Ref. No.	Part No.	Description	No. Used
†23	3290-469	Nut - Grip	4
24	3296-59	Nut - Lock	4
25	27-4570	Knob	4
26	32128-23	Nut - Lock Flange	8
27	39-7450	Bracket - Clamp	1
28	39-3330	Bar - Caster Clamp	2
29	325-14	Screw - Cap Hex Hd.	4
30	3290-384	Pin - Lynch	4
31	63-0070	Spacer - 1/2	24
32	28-9290	Bushing - Special	8
33	302-5	Fitting - Grease	4
34	26-1430	Caster Arm (Incl. Ref. #32)	1
35	3-6781	Washer	4
36	75-9680	Fork - Caster, Rear	2
37	325-18	Screw - Cap Hex Hd.	2
38	3256-6	Washer - Flat	8
39	62-5580	Bushing	8
40	63-1770	Spanner - Rear	2
41	302-11	Fitting - Grease	2
42	63-8400	Wheel - Caster Rear (Incl. Ref. #39, 41 & 43)	2
43	63-8580	Bearing - Roller	2
44	66-1260	Bracket - Knob	2
45	3269-5	Rivet - Pop	4

†Special tool required to install.

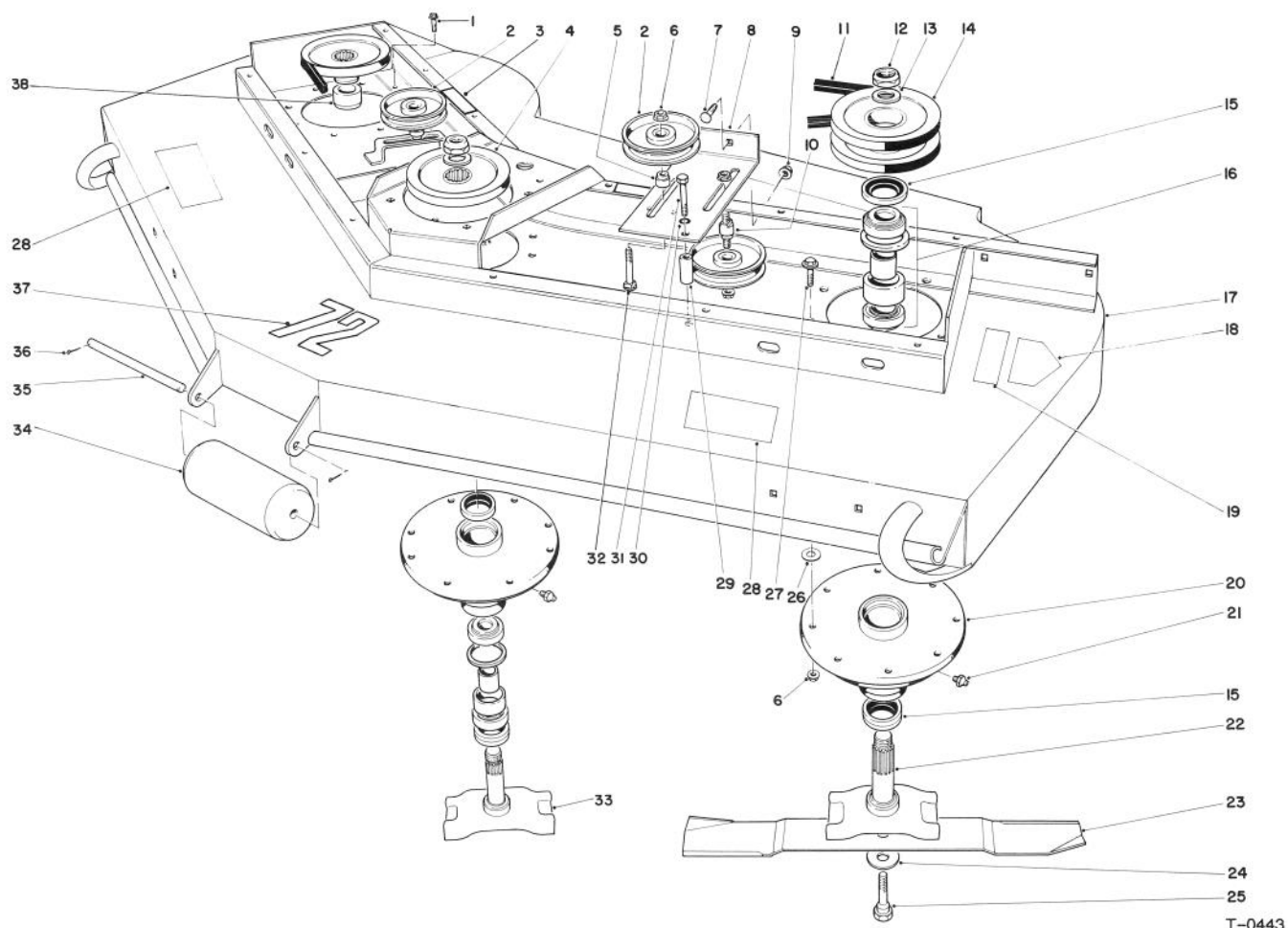


T-0442

CUTTING UNIT MODEL NO. 30722 (Serial No. 20611 & Up) (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
46	3233-2	Bolt - Carriage	12	54	3247-4	Screw - Set	2
47	325-22	Screw - Cap Hex Hd.	2	55	3231-26	Bolt - Carriage	4
48	83-4740	Bearing - Roller	2	56	68-9890	Cover - Gear Box Front	1
49	302-40	Fitting - Grease	2	57	63-9750	Mount - Isolation	4
50	85-6310	Wheel - Caster - Front (Inc. Ref. #39, 48 & 49)	2	58	68-8560	Bracket - Gear Box	2
51	62-4340	Spanner - Front	2	*	12-1509	Pneumatic Tire & Wheel (Optional)	2
52	26-1530	Fork - Caster, Front	2				
53	23-1640	Bushing -TaperLock (Incl. Ref. #54)	1				

*Not Illustrated

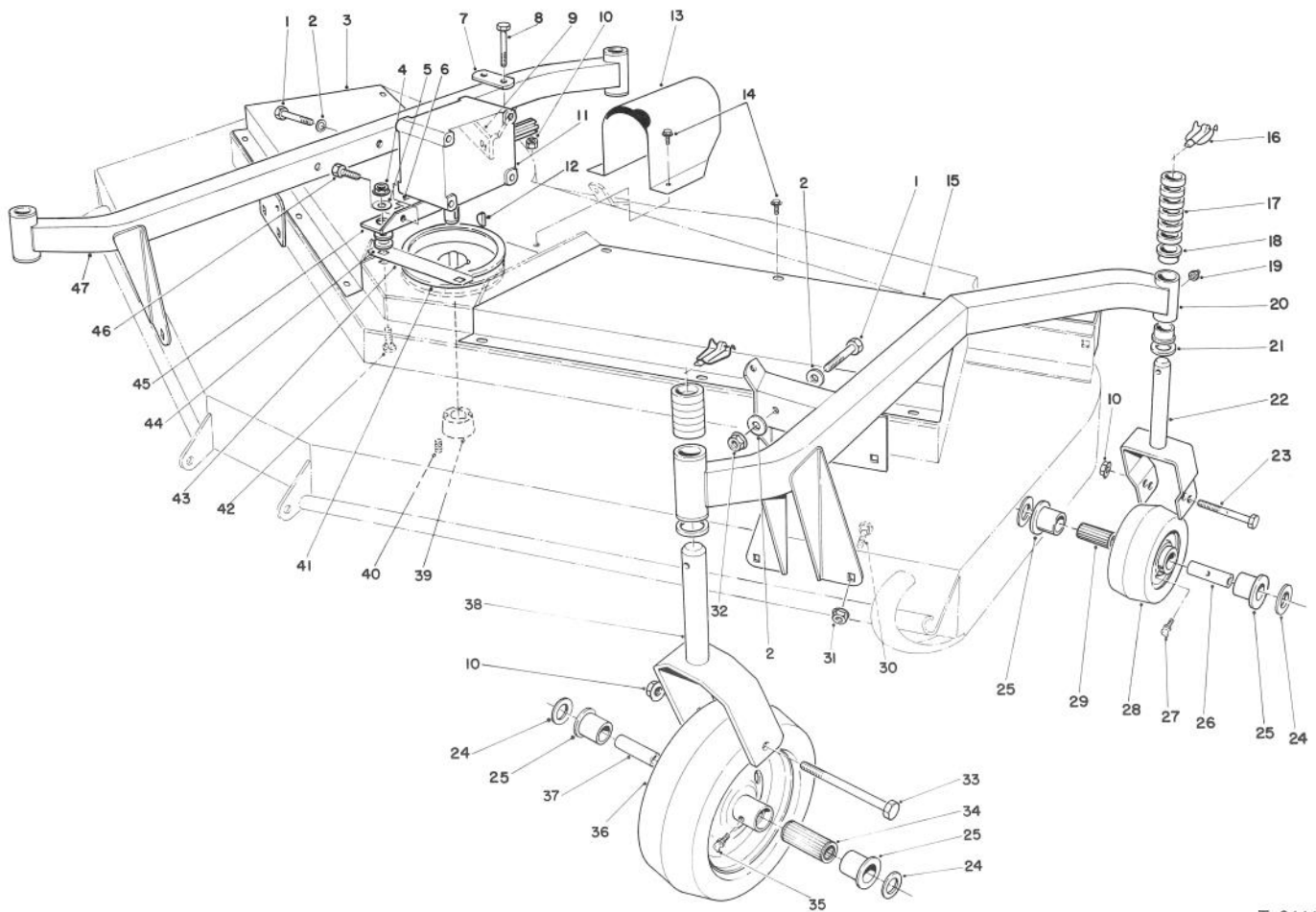


CUTTING UNIT MODEL NO. 30710 (Serial No. 10001 thru 20200)

Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw - Hex. Hd. Flange	4
2	26-1840	Idler Pulley	3
3	67-5360	Decal - Shield Missing	2
4	26-1760	Pulley	2
5	26-1860	Spacer - Idler Pulley	2
6	32128-21	Nut - Flange	28
7	3231-22	Bolt - Carriage	2
8	26-1870	Idler Mount L.H.	1
9	3290-357	Nut - Flange	2
10	26-1850	Stud - Idler	1
11	21-0890	V-Belt	3
12	3296-49	Nut - Lock	3
13	3-8514	Washer	3
14	26-9100	Pulley L.H.	1
15	253-138	Oil Seal	9
16	49-8320	Bearing & Spacer Assy. (Matched Set)	3
17	38-9200	Cutter Deck	1
18	43-8480	Decal - Danger	2
19	68-7280	Decal - Blade Bolt Torque	1
20	60-9700	Spindle Housing	3

Ref. No.	Part No.	Description	No. Used
21	302-52	Fitting - Grease	3
22	26-1690	Spindle - Outer	2
23	29-5530	Blade	3
24	26-1990	Washer - Belleville	3
25	26-1820	Screw - Cap Hex. Hd.	3
26	3256-24	Washer - Flat	A/R
27	3234-1	Screw - Hex. Hd. Flange	20
28	66-1340	Decal - Danger	2
29	26-1880	Spacer - Idler Mount	1
30	3253-21	Washer - Lock	1
31	323-12	Screw - Cap Hex. Hd.	1
32	3231-29	Bolt - Carriage	2
33	26-1680	Spindle Center	1
34	31-0750	Roller	1
35	32-9610	Roller Shaft	1
36	3272-11	Pin - Cotter	2
37	57-0280	Decal - 72"	1
38	26-1790	Spacer - R.H. Spindle	1
*	23-2410	Blade - High Lift (Optional)	3

*Not Illustrated



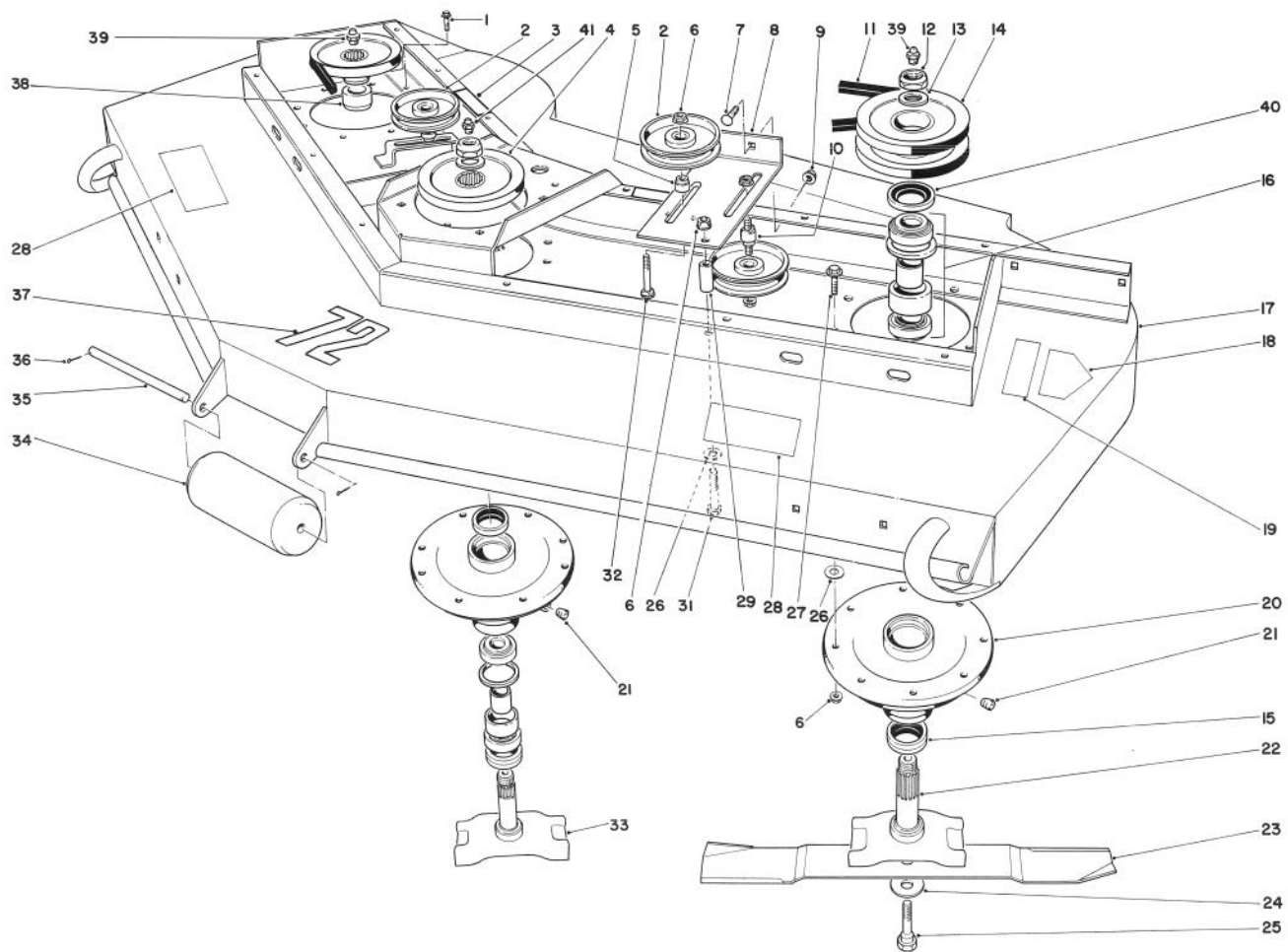
T-0444

CUTTING UNIT MODEL NO. 30710 (Serial No. 10001 thru 20200) (Continued)

Ref. No.	Part No.	Description	No. Used
1	324-12	Screw - Cap Hex. Hd.	4
2	66-6480	Washer - Flat	4
3	26-1890	Cover R.H. - Deck	1
4	32128-21	Nut - Lock Flange	4
5	63-8410	Washer	4
6	70-2560	Decal - Lube	1
7	39-3330	Bar - Clamp Castor Arm	1
8	325-14	Screw - Cap Hex. Hd.	2
9	39-3340	Bracket - Clamp	1
10	32128-23	Nut - Lock Flange	6
11	68-6810	Gear Box Assembly	1
12	3257-5	Key - Woodruff	1
13	63-1970	Shroud - Universal	1
14	32104-82	Screw - Cap Self Tapping	14
15	26-1900	Cover L.H. - Deck	1
16	3290-384	Pin - Lynch - Safety Type	4
17	63-0070	Spacer 1/2"	24
18	28-9290	Bushing - Special	8
19	302-5	Fitting - Grease	4
20	38-9420	Arm - Castor L.H. (Incl. Ref. #18)	1
21	3-6781	Washer	4
22	75-9680	Fork - Castor, Rear	2
23	325-18	Screw - Cap Hex Hd.	2
24	3256-6	Washer - Flat	8
25	62-5580	Bushing	8

*Not Illustrated

Ref. No.	Part No.	Description	No. Used
26	63-1770	Spanner - Rear	2
27	302-11	Fitting - Grease	4
28	63-8400	Wheel - Castor - Rear (Incl. Ref. #25, 27 & 29)	2
29	63-8580	Bearing - Roller	2
30	3233-2	Bolt - Carriage	12
31	32128-49	Nut - Flange	12
32	32128-42	Nut - Flange	4
33	325-22	Screw - Cap Hex Hd.	2
34	83-4740	Bearing - Roller	2
35	302-40	Fitting - Grease	2
36	62-4330	Wheel - Castor - Front (Incl. Ref. #25, 34 & 35)	2
37	62-4340	Spanner - Front	2
38	26-1530	Fork - Castor	2
39	23-1640	Bushing - Taper	1
40	3247-4	Screw - Set	2
41	26-1400	Pulley - Deck	1
42	3231-26	Bolt - Carriage	4
43	68-9890	Cover - Gear Box - Front	1
44	63-9750	Mount - Isolation	4
45	68-8560	Bracket - Gearbox	2
46	323-4	Screw - Cap Hex Hd.	4
47	38-9370	Arm - Castor - R.H. (Incl. Ref. #18)	1



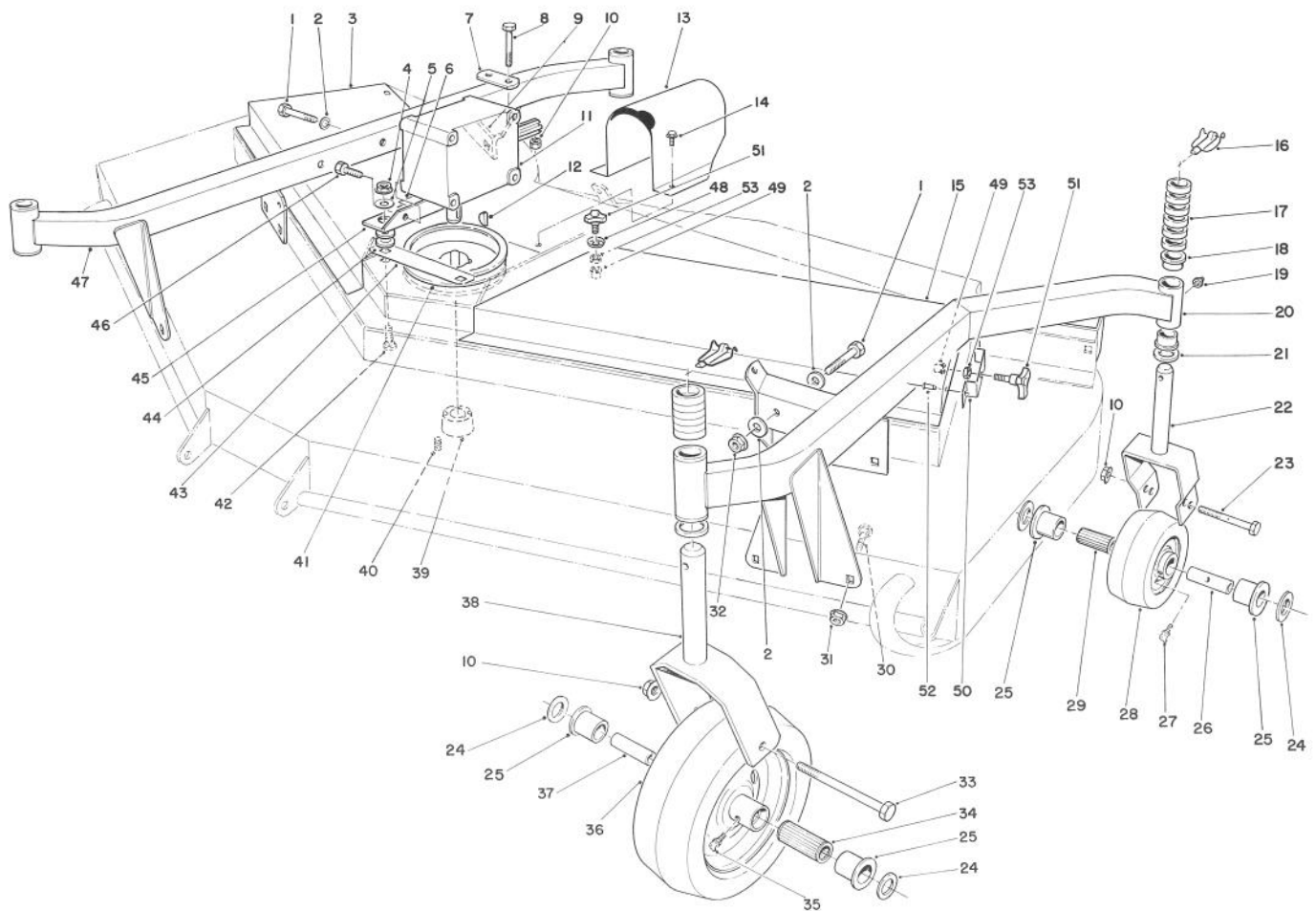
T-0443

CUTTING UNIT MODEL NO. 30710 (Serial No. 20201 & Up)

Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw - Hex. Hd. Flange	4
2	26-1840	Idler Pulley	3
3	67-5360	Decal - Shield Missing	2
4	26-1760	Pulley	2
5	26-1860	Spacer - Idler Pulley	2
6	32128-21	Nut - Flange	29
7	3231-22	Bolt - Carriage	2
8	26-1870	Idler Mount L.H.	1
9	3290-357	Nut - Flange	2
10	26-1850	Stud - Idler	1
11	21-0890	V-Belt	3
12	3296-49	Nut	3
13	3-8514	Washer	3
14	84-2060	Pulley L.H.	1
15	253-138	Seal - Oil	6
16	49-8320	Bearing & Spacer Assy. (Matched Set)	3
17	38-9200	Cutter Deck	1
18	43-8480	Decal - Danger	2
19	68-7280	Decal - Blade Bolt Torque	1
20	84-2020	Outer Spindle Housing	2
21	285-17	Plug	4

Ref. No.	Part No.	Description	No. Used
22	84-2070	Spindle - Outer	2
23	29-5530	Blade	3
24	26-1990	Washer - Belleville	3
25	26-1820	Screw - Cap Hex. Hd.	3
26	3256-24	Washer	A/R
27	3234-1	Screw - Hex. Hd. Flange	20
28	66-1340	Decal - Danger	2
29	26-1880	Spacer - Idler Mount	1
30	31323-12	Screw - Cap Hex. Hd.	1
31	3231-29	Bolt - Carriage	2
32	84-5370	Spindle Center	1
33	31-0750	Roller	1
34	32-9610	Roller Shaft	1
35	3272-11	Cotter Pin	2
36	57-0280	Decal - 72"	1
37	84-2090	Spacer - R.H. Spindle	1
38	302-5	Fitting - Grease	2
39	253-154	Seal - Oil	3
40	302-52	Fitting - Grease	1
41	84-2080	Center Spindle Housing	1
42	* 23-2410	Blade - High Lift (Optional)	3

*Not Illustrated



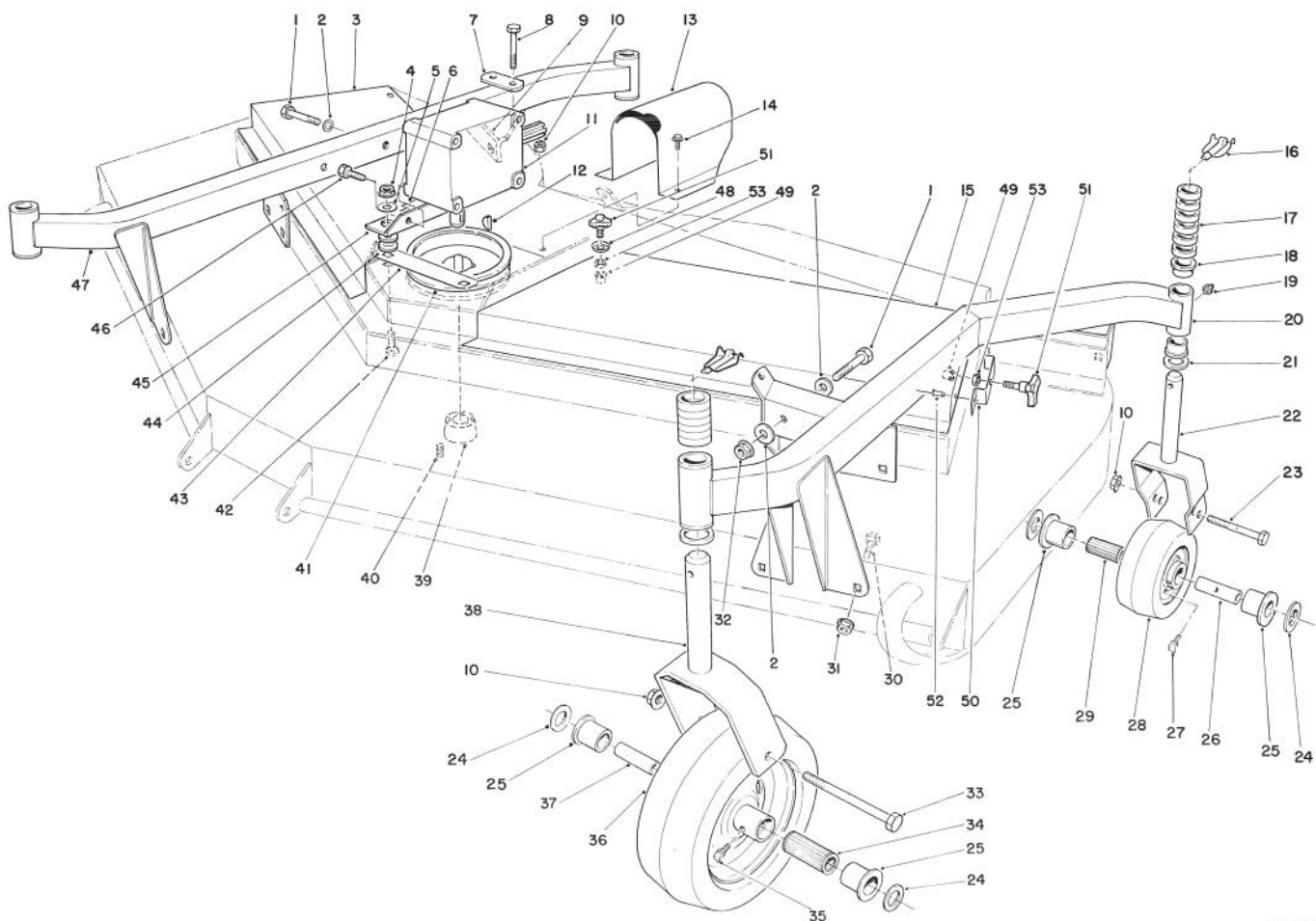
CUTTING UNIT MODEL NO. 30710 (Serial No. 20201 & Up) (Continued)

T-1443

Ref. No.	Part No.	Description	No. Used
1	324-12	Screw - Cap Hex. Hd.	4
2	66-6480	Washer - Flat	4
3	14-5869	Cover - Deck R.H. (Incl. Ref. #50-51)	1
4	32128-21	Nut - Lock Flange	4
5	63-8410	Washer	4
6	70-2560	Decal - Lube	1
7	39-3330	Bar - Clamp Castor Arm	1
8	325-14	Screw - Cap Hex. Hd.	2
9	39-3340	Bracket - Clamp	1
10	32128-23	Nut - Lock Flange	6
11	68-6810	Gear Box Assembly	1
12	3257-5	Key - Woodruff	1
13	63-1970	Shroud - Universal	1
14	32104-82	Screw - Cap Self Tapping	2
15	14-5879	Cover L.H. - Deck (Incl. Ref. #50-51)	1
16	3290-384	Pin - Lynch - Safety Type	4
17	63-0070	Spacer 1/2"	24
18	28-9290	Bushing - Special	8
19	302-5	Fitting - Grease	4
20	38-9420	Arm - Castor L.H. (Incl. Ref. #18)	1
21	3-6781	Washer	4
22	75-9680	Fork - Castor Rear	2

*Not Illustrated

Ref. No.	Part No.	Description	No. Used
23	325-18	Screw - Cap Hex Hd.	2
24	3256-6	Washer - Flat	8
25	62-5580	Bushing	8
26	63-1770	Spanner - Rear	2
27	302-11	Fitting - Grease	4
28	63-8400	Wheel - Castor - Rear (Incl. Ref. #25, 27 & 29)	2
29	63-8580	Bearing - Roller	2
30	3233-2	Bolt - Carriage	12
31	32128-49	Nut - Flange	12
32	32128-42	Nut - Flange	4
33	325-22	Screw - Cap ,Hex Hd.	2
34	83-4740	Bearing - Roller	2
35	302-40	Fitting - Grease	2
36	85-6310	Wheel - Castor - Front (Incl. Ref. #25, 34 & 35)	2
37	62-4340	Spanner - Front	2
38	26-1530	Fork - Castor	2
39	23-1640	Bushing - Taper	1
40	3247-4	Screw - Set	2
41	26-1400	Pulley - Deck	1
42	3231-26	Bolt - Carriage	4
43	68-9890	Cover - Gear Box - Front	1
44	63-9750	Mount - Isolation	4
45	68-8560	Bracket - Gearbox	2



T-1443

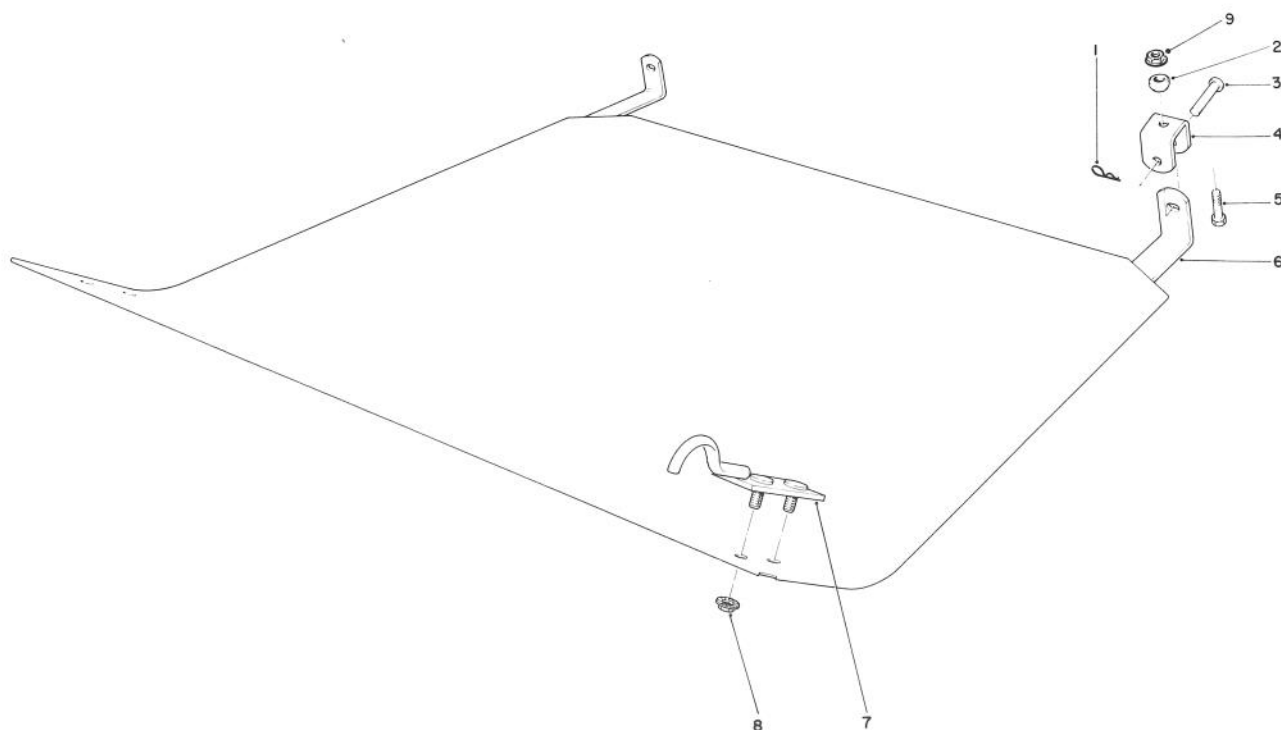
CUTTING UNIT MODEL NO. 30710 (Serial No. 20201 & Up) (Continued)

Ref. No.	Part No.	Description	No. Used
46	323-4	Screw - Cap Hex Hd.	4
47	38-9370	Arm - Castor - R.H. (Incl. Ref. #18)	1
48	66-6310	Washer - Cup	2
†49	3290-469	Nut - Grip	4

Ref. No.	Part No.	Description	No. Used
50	66-1260	Bracket - Knob	2
51	27-4570	Knob	2
52	3269-5	Rivet - Pop	4
53	3296-59	Nut - Lock	4

*Not Illustrated

†Requires special tool to install.

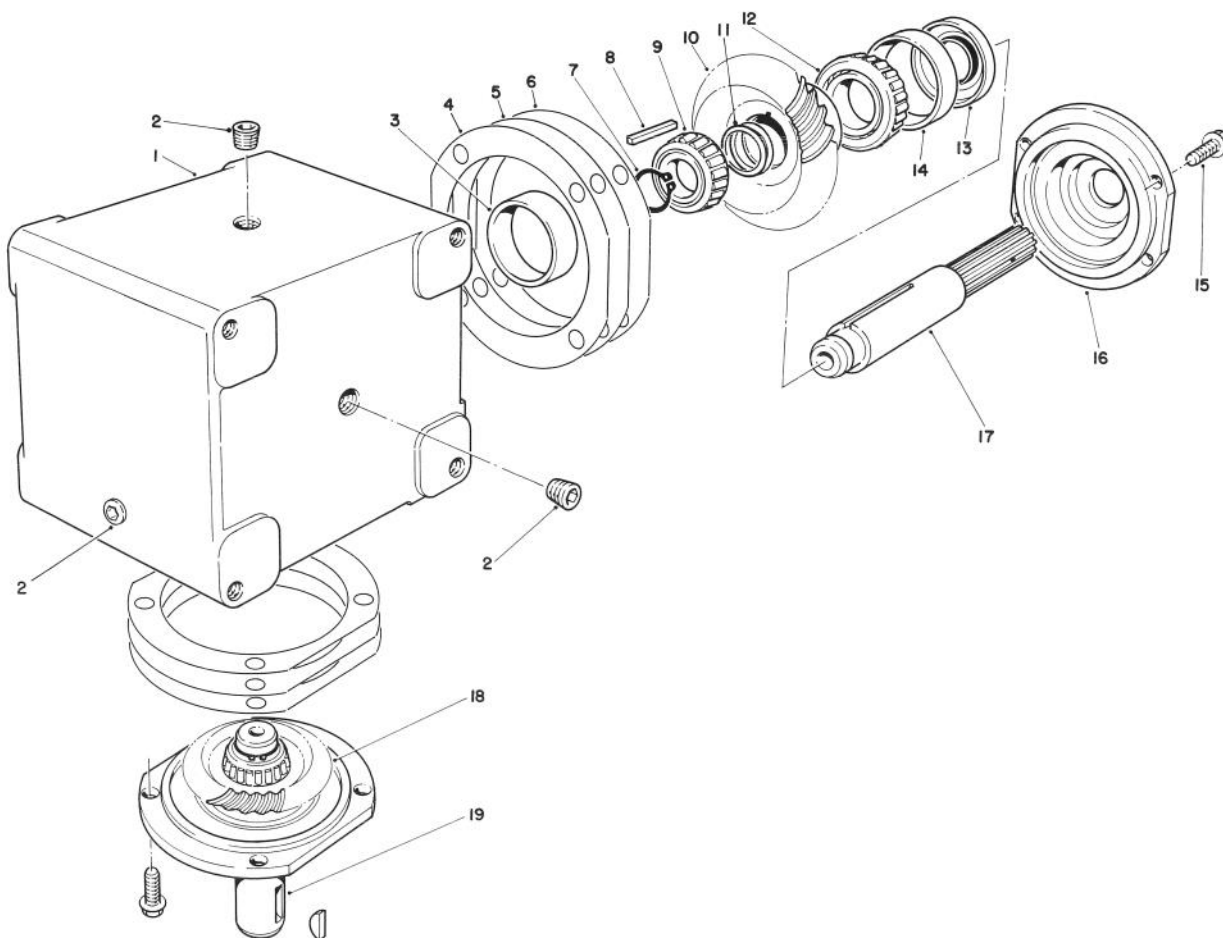


T-0445

TRACTION UNIT BELLY SHIELD ASSEMBLY (For Use With Cutting Unit Model No. 30710)

Ref. No.	Part No.	Description	No. Used
1	3290-322	Pin - Cotter Hair	2
2	46-1600	Spacer	2
3	283-23	Pin - Clevis	2
4	39-1470	Hanger - Belly Shield	2
5	323-7	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
6	39-1410	Shield - Belly	1
7	39-1440	Hook - Shield Belly	2
8	32128-20	Nut - Flange	4
9	32128-21	Nut - Flange	2



T-0977

GEAR BOX ASSEMBLY NO. 68-6810

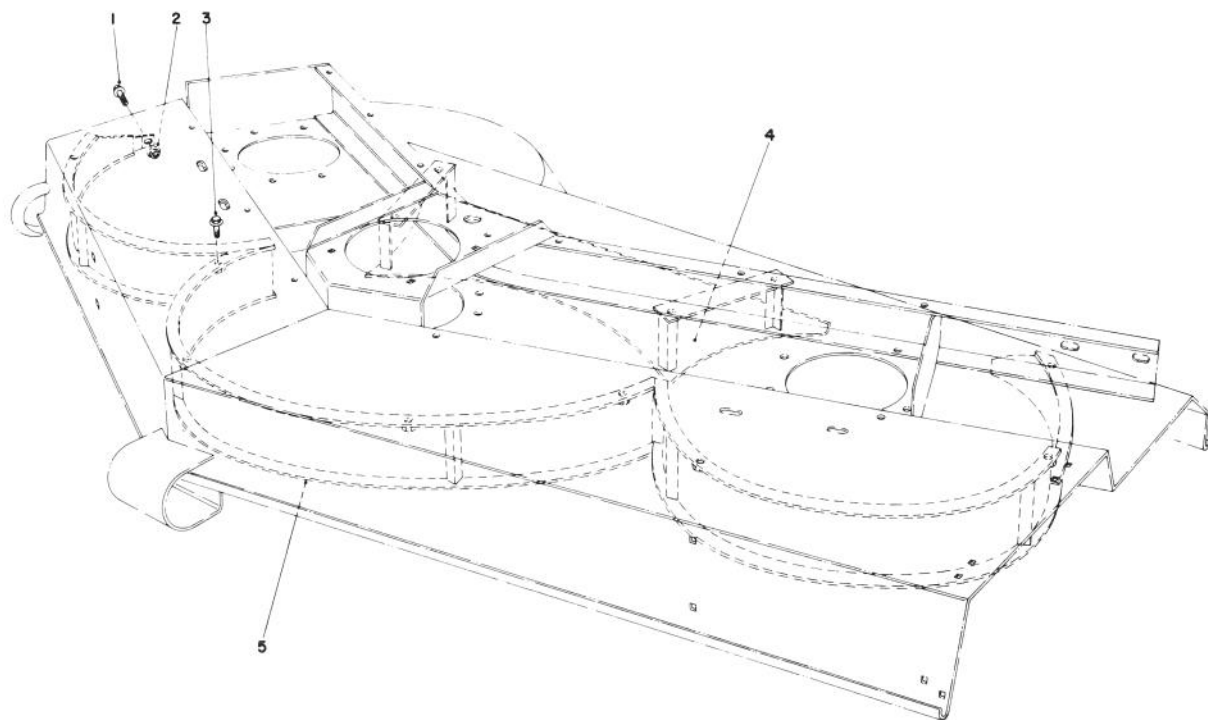
Ref. No.	Part No.	Description	No. Used
1	68-7030	Housing	1
2	62-3490	Plug - Pipe (Solid)	4
3	62-3360	Cup - Bearing	2
4	62-3420	Gasket (.015 in.)	A/R
5	62-3430	Gasket (.005 in.)	A/R
6	62-3440	Gasket (.003 in.)	A/R
7	68-7070	Ring - Retaining	2
8	62-3380	Key	2
9	62-3370	Cone - Bearing	2
10	68-7080	Gear	1

Ref. No.	Part No.	Description	No. Used
11	72-9370	Shim (.020 in.)	4
12	62-3330	Cone - Gear	1
13	62-3400	Seal	2
14	62-3340	Cup - Bearing	2
15	62-3310	Screw - Cap, Sems	8
16	62-3410	Cap	2
17	68-7040	Shaft	1
18	68-7060	Gear	1
19	68-7050	Shaft	1



Ref. No.	Part No.	Description	No. Used
1		Rear Baffle	1

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T-0447

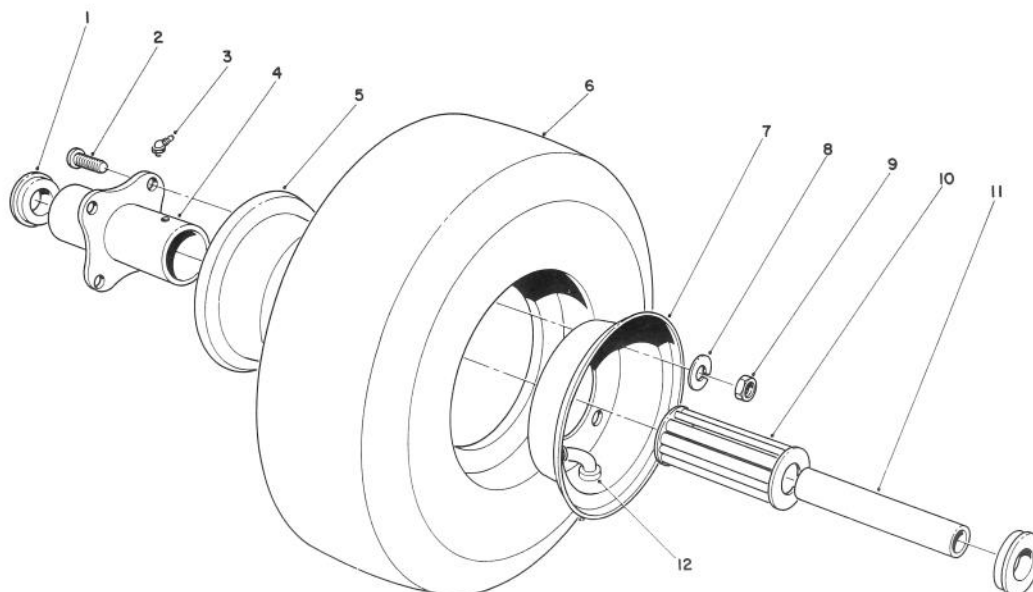
MULCHER KIT MODEL NO. 30732 (Optional)
(For Cutting Unit Model No. 30721)
MULCHER KIT MODEL NO. 30733 (Optional)
(For Cutting Unit Model No. 30722)

Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw - Hex. Hd. Flange	1
2	32128-21	Nut - Flange	13
3	3234-1	Screw - Hex. Hd. Flange	12

Ref. No.	Part No.	Description	No. Used
4	23-4190	Bottom Rear Shield (Model 30732 only)	1
*	68-6740	Bottom Rear Shield (Model 30733 only)	
5	27-5430	Mulcher Screen	1

*Not Illustrated

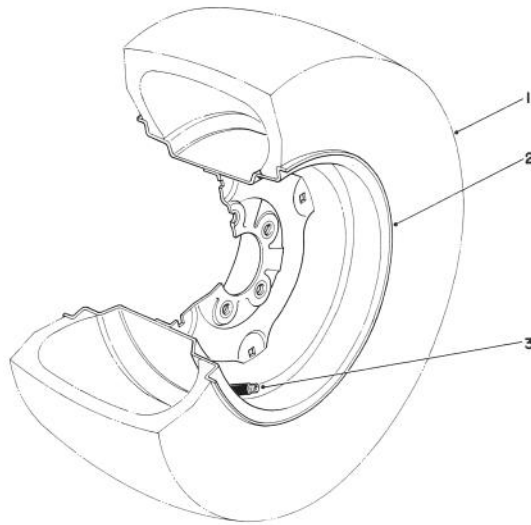
Note: Will not fit with Cutting Unit Model No. 30710.



T-0448

CUTTING UNIT PNEUMATIC TIRE & WHEEL ASSEMBLY NO. 12-1509 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	54-8930	Retainer	2	8	3253-4	Washer - Lock	4
2	54-8890	Bolt - Wheel	4	9	3217-6	Nut - Hex.	4
3	302-10	Fitting - Grease	1	10	54-8940	Bearing - Roller (Open Cage)	1
4	54-8920	Hub - Centered	1	11	55-7080	Bushing - Spanner	1
5	54-8910	Wheel Half - Female	1	12	54-8950	Tube w/Valve	1
6	54-8960	Tire	1				
7	54-8900	Wheel Half - Male	1				



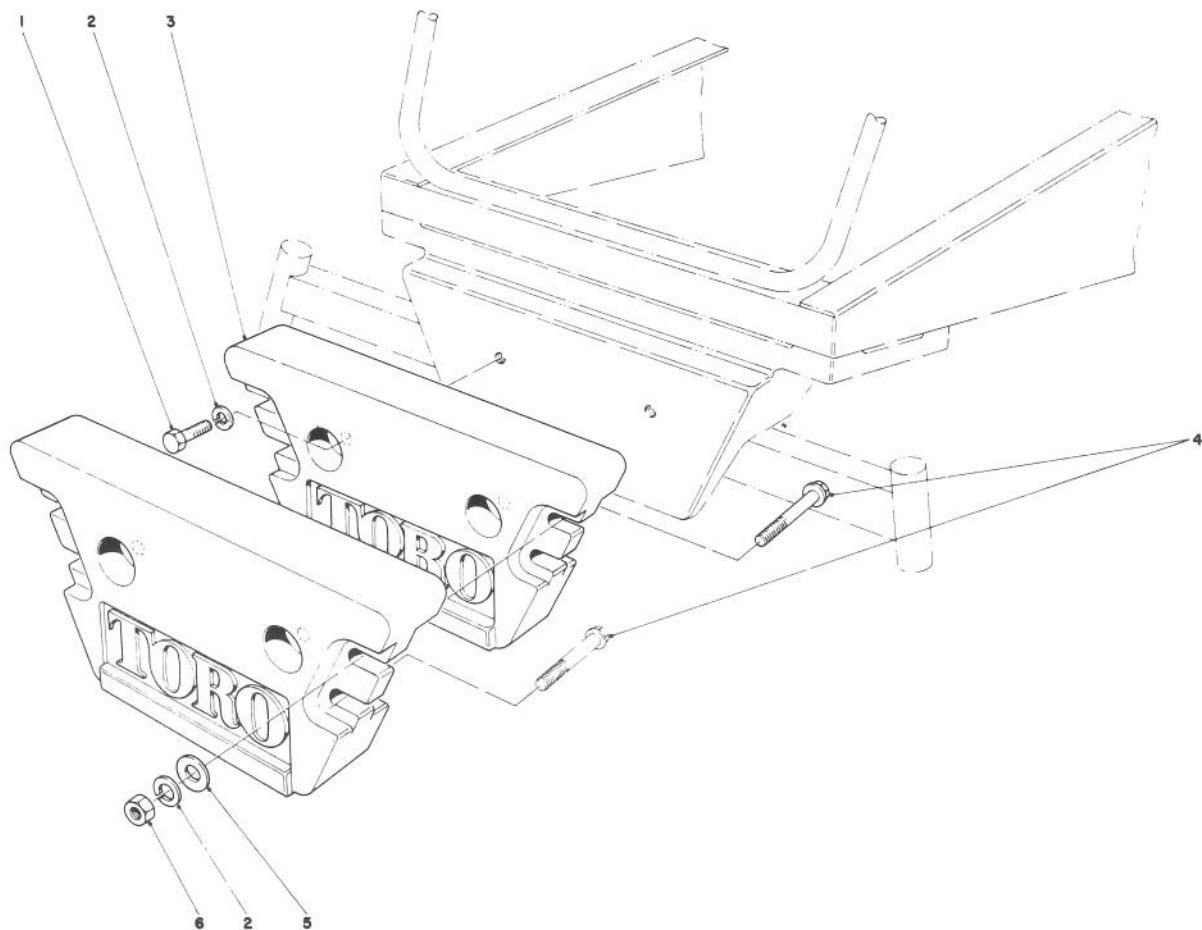
T-0449

23 x 10.5 x 12 TIRE & WHEEL ASSEMBLY NO. 62-7020 (Optional)

Ref. No.	Part No.	Description	No. Used
1	231-95	Tire	1
2	217-116	Rim	1

Ref. No.	Part No.	Description	No. Used
3	232-27	Valve Stem	1

Note: Will not fit with Cutting Unit Model No. 30710.

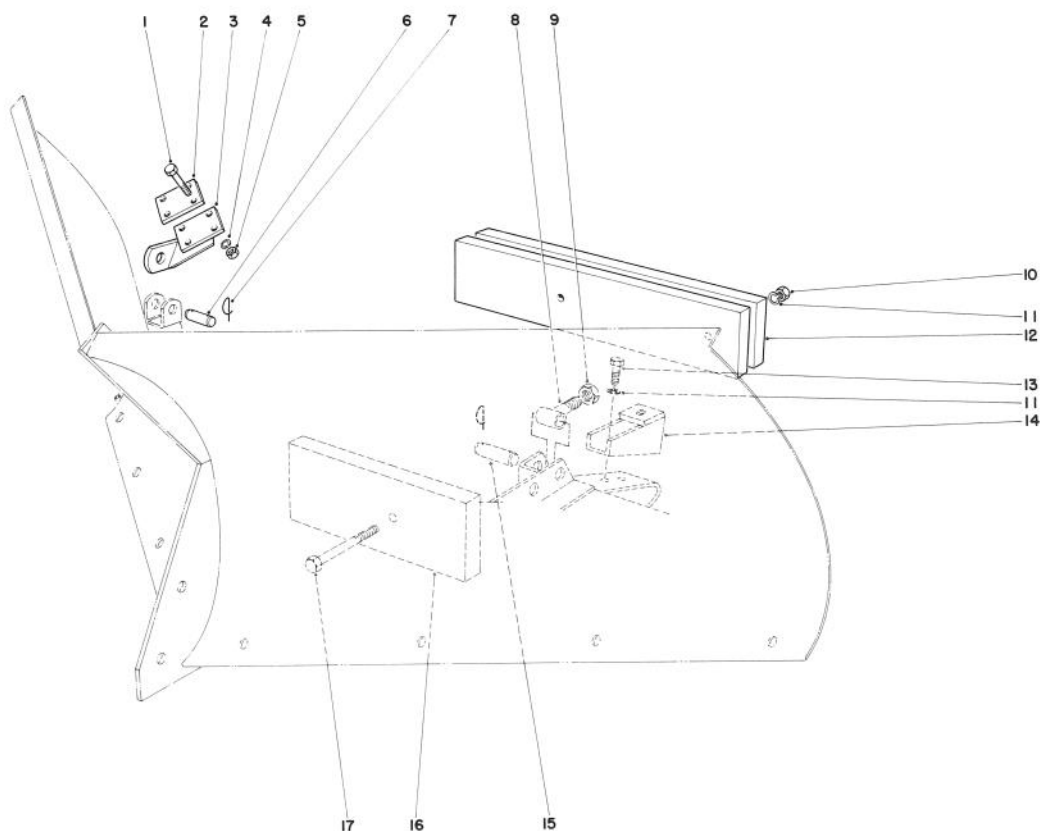


T-0427

REAR WEIGHT KIT NO. 24-5780 (Optional)

Ref. No.	Part No.	Description	No. Used
1	325-6	Screw - Cap, Hex. Hd.	2
2	3253-7	Washer - Lock	6
3	24-5790	Rear Weight	2

Ref. No.	Part No.	Description	No. Used
4	325-14	Screw - Cap, Hex. Hd.	4
5	3256-26	Washer - Flat	8
6	3217-9	Nut - Hex.	4



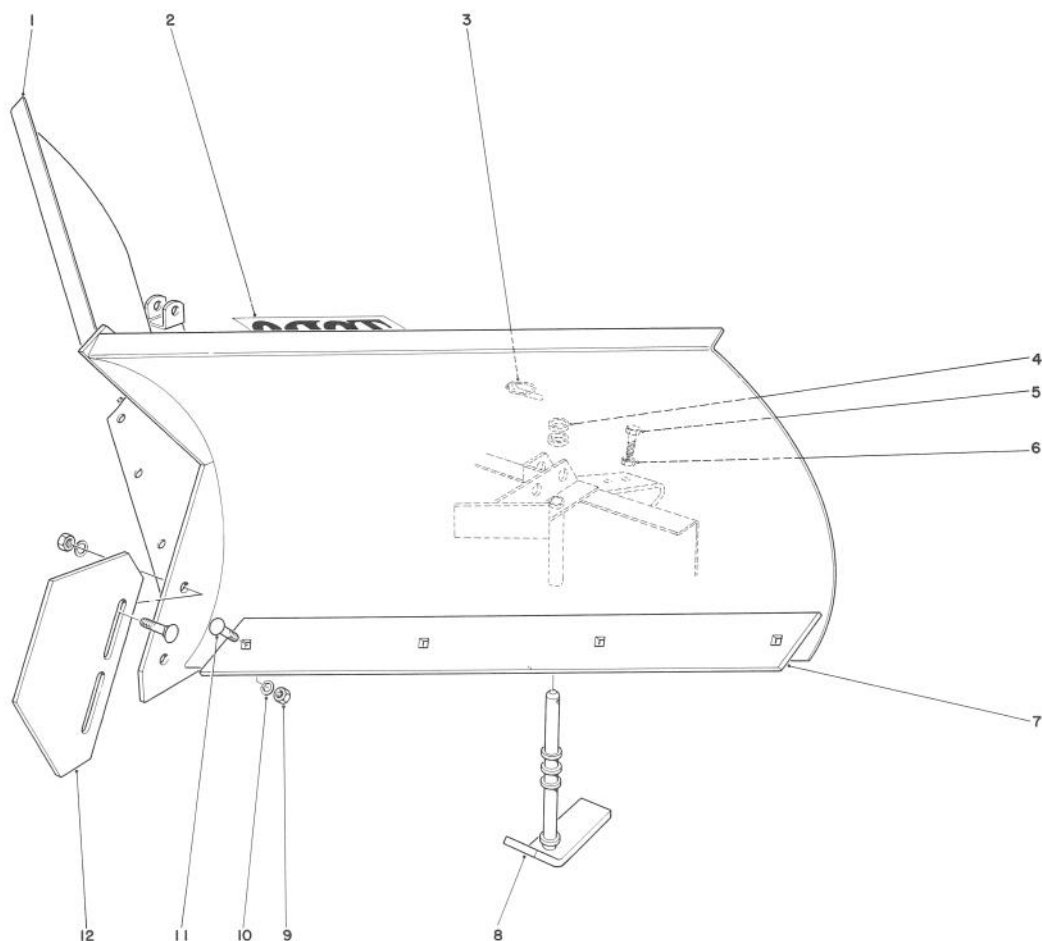
T-0451

V-PLOW INSTALLATION KIT MODEL NO. 30757 (Optional)

Ref. No.	Part No.	Description	No. Used
1	323-14	Screw - Cap, Hex. Hd.	4
2	24-2690	Plate - Clamp	1
3	24-2680	Push Arm Bracket	1
4	3253-21	Washer - Lock	4
5	3217-7	Nut - Hex.	4
6	5-3505	Pin	1
7	5-3126	Spring Pin	4
8	23-9930	Push Pin	1
9	21-3000	Nut - Jam	1
10	3217-9	Nut - Hex.	2

Ref. No.	Part No.	Description	No. Used
11	3253-7	Washer - Lock	4
12	24-2660	Outside Weight	2
13	325-4	Screw - Cap, Hex. Hd.	2
14	24-2630	Stop	1
15	25-1350	Pin	1
16	24-2670	Inside Weight	2
17	325-22	Screw - Cap, Hex. Hd.	2
*	11-0390	Chains - Tire (1 Pair)	1

*Not Illustrated

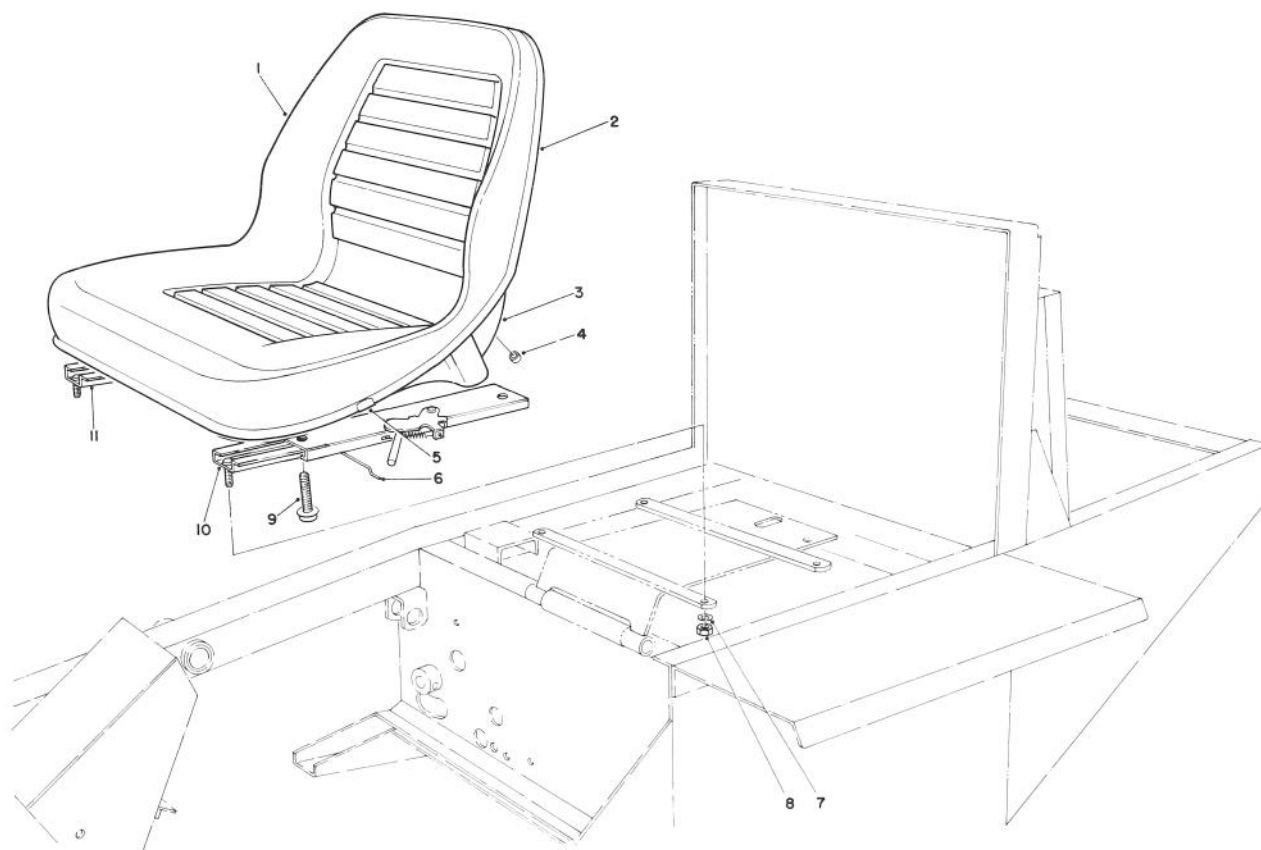


T-0452

V-PLOW MODEL NO. 30750 (Optional)

Ref. No.	Part No.	Description	No. Used
1	23-9960	V-Plow	1
2	66-6140	Decal	1
3	3290-243	Lynch Pin	2
4	20-4370	Spacer Tubes	10
5	325-6	Screw - Cap, Hex. Hd.	1
6	3218-5	Nut - Jam	1

Ref. No.	Part No.	Description	No. Used
7	24-5570	Scraper Blade	2
8	24-5540	Skid	2
9	3217-9	Nut - Hex.	10
10	3253-7	Washer - Lock	10
11	3233-2	Bolt - Carriage	10
12	24-5530	Nose Skid	1



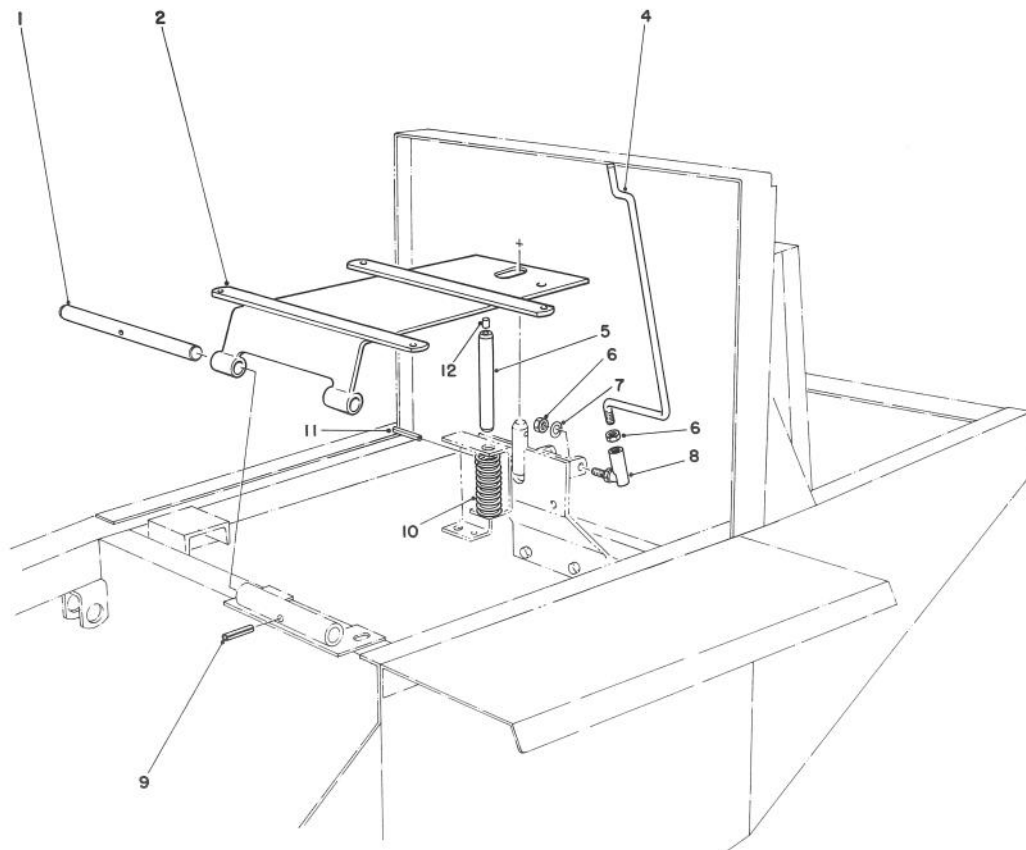
T-0450

STANDARD SEAT KIT MODEL NO. 30770

Ref. No.	Part No.	Description	No. Used
1		Cushion	1
2		Trim	1
3		Base	1
4		Grommet	1
5		Clip	1
6	52-4890	Rod Connecting	1
7	3253-4	Washer - Lock	4

Ref. No.	Part No.	Description	No. Used
8	3217-6	Nut - Hex.	4
9	3234-5	Screw - Cap, Hex. Hd. Fl.	4
10	51-0790	Adjuster L.H.	1
11	52-4880	Adjuster - R.H.	1
*	66-5400	Seat Assembly (Incl. Ref. #1-5)	1

*Not Illustrated



T-0453

STANDARD SEAT KIT MODEL NO. 30770 (Continued)

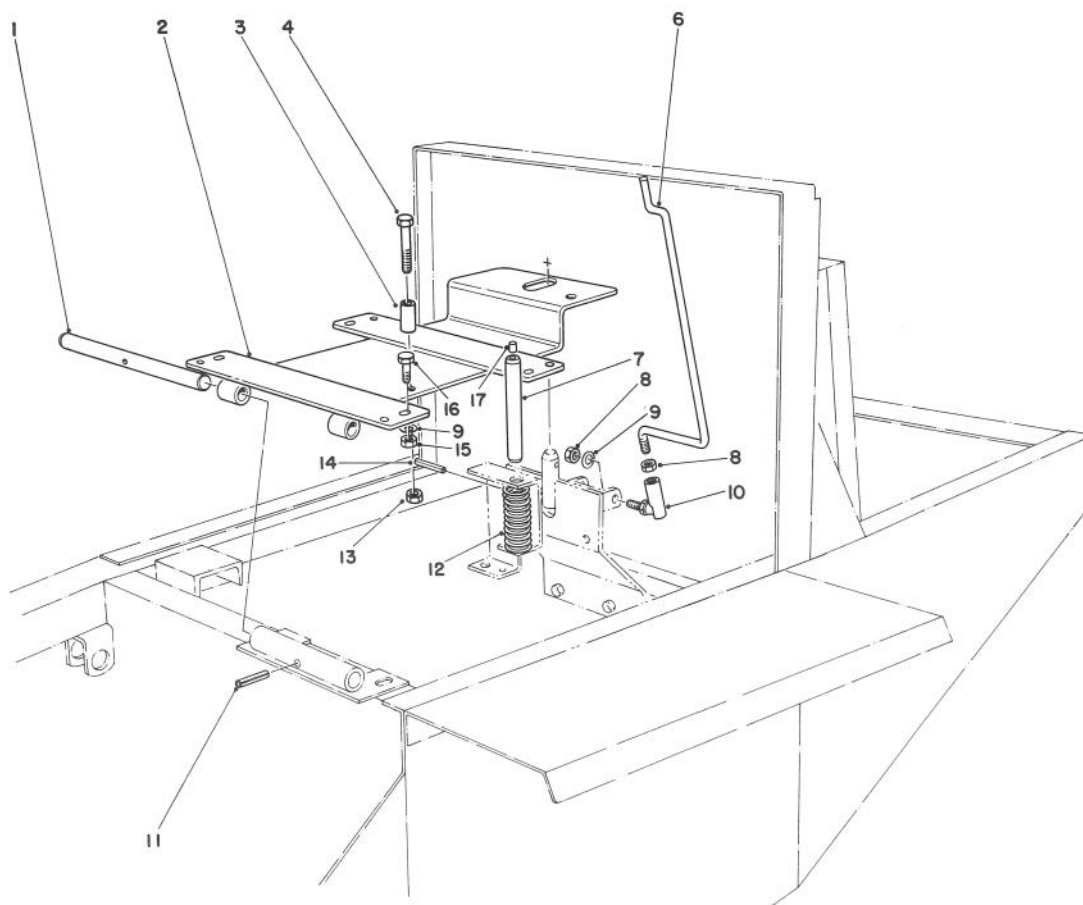
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	27-4720	Shaft	1	8	37-9570	Ball Joint	1
2	36-7550	Seat Support	1	9	32121-4	Spring Pin	1
4	37-9580	Seat Prop	1	10	28-0570	Spring -Compression	1
5	27-9870	Pin - Seat Switch	1	11	32121-6	Spring Pin	1
6	3220-2	Nut - Jam	2	12	28-6180	Pin - Plastic	1
7	3253-24	Washer - Lock	1				



Ref. No.	Part No.	Description	No. Used
1	66-8560	Nut - Push	4
2	76-1910	Shaft - Pivot	2
3		Cushion - Seat	1
4		Trim-Seat	1
5		Base-Seat	1
6		Grommet	1
7		Cup	1
8	76-2940	Bumper	2
9	3256-2	Washer - Flat	8
10	3253-4	Washer - Lock	4
11	322-3	Screw - Cap, Hex. Hd.	4
12	66-8610	Frame - Lower	1
13	76-1920	Bearing - Sleeve	4

Ref. No.	Part No.	Description	No. Used
14	66-8510	Adjuster w/Handle	1
15	66-8520	Bumper - Stop	2
16	66-8540	Hanger - Spring	1
17	3296-29	Nut - Lock	4
18	66-8530	Adjuster	1
19	66-9290	Spacer - Suspension	4
20	76-1930	Knob - Adjustment	1
21	32128-25	Nut - Lock, Flange Hd.	4
22	66-8600	Frame - Upper	1
23	76-1940	Spring - Extension	2
*	66-5400	Seat Assembly (Incl. Ref. #3-7)	1

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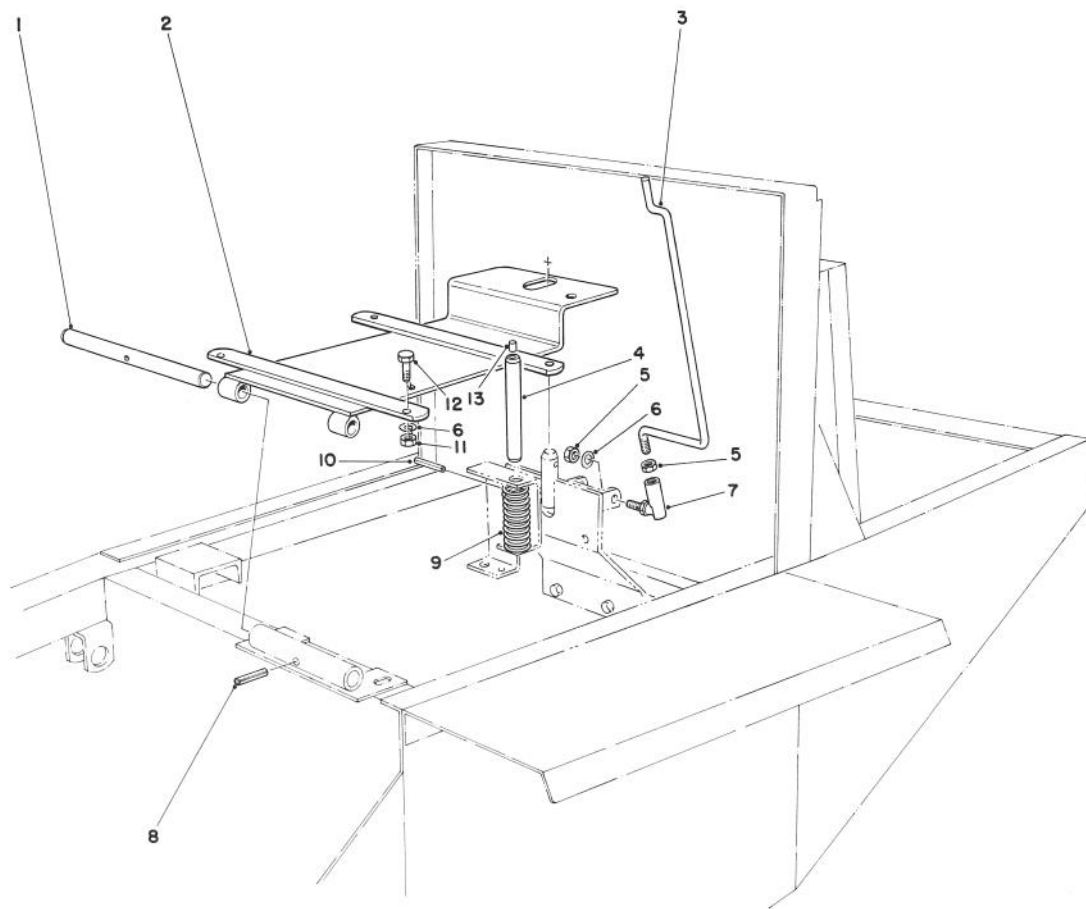


SEAT ADAPTER KIT MODEL NO. 30791

T-1431

Ref. No.	Part No.	Description	No. Used
1	27-4720	Shaft	1
2	67-9860	Support - Seat	1
3	67-9210	Spacer	1
4	322-10	Screw - Cap Hex. Hd.	1
6	37-9580	Prop - Seat	1
7	27-9870	Pin - Seat Switch	1
8	3220-2	Nut - Jam	2
9	3253-24	Washer - Lock	5

Ref. No.	Part No.	Description	No. Used
10	37-9570	Ball Joint	1
11	32121-4	Pin - Spring	1
12	37-9590	Spring - Compression	1
13	32146-5	Nut - Flange Hd.	1
14	32121-6	Pin - Spring	1
15	3217-6	Nut	4
16	322-4	Screw - Cap Hex. Hd.	4
17	28-6180	Pin - Plastic	1



T-0212

SEAT ADAPTER KIT MODEL NO. 30745

Ref. No.	Part No.	Description	No. Used
1	27-4720	Shaft	1
2	37-9600	Support - Seat	1
3	37-9580	Prop - Seat	1
4	27-9870	Pin - Seat Switch	1
5	3220-2	Nut - Jam	2
6	3253-24	Washer - Lock	5
7	37-9570	Ball Joint	1

Ref. No.	Part No.	Description	No. Used
8	32121-4	Pin - Spring	1
9	37-9780	Spring - Compression	1
10	32121-6	Pin - Spring	1
11	3217-6	Nut	4
12	322-4	Screw - Cap Hex. Hd.	4
13	28-6180	Pin - Plastic	1



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PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3-1365	Chain - Lift	45	36	3	21-2660	Footrest	1	4	1
3-3251	Spring - Compression	11	9	1	21-2760	Pad - Foot Rest L.H.	2	47	1
3-6498	Washer	9	18	A/R	21-2770	Pad - Foot Rest R.H.	2	46	1
3-6781	Washer	47	35	4	21-2820	Hub Wheel	18	30	2
3-6781	Washer	50	35	4	21-2850	Mount - R.H. Pedal	11	4	1
3-6781	Washer	53	21	4	21-2860	Push Arm Bracket	45	24	2
3-6781	Washer	55	21	4	21-2890	Spring - Torsion R.H.	45	31	1
3-6803	Washer	31	15	A/R	21-2900	Spring - Torsion L.H.	45	30	1
3-7243	Spring - Extension	11	13	2	21-2960	Push Arm L.H.	45	29	1
3-7292	Pin	45	20	1	21-2990	Shaft - Pivot	45	26	1
3-8514	Washer	46	16	3	21-3000	Nut - Jam	45	35	2
3-8514	Washer	49	16	3	21-3000	Nut - Jam	64	9	1
3-8514	Washer	52	13	3	21-3020	Ball Joint Mount R.H.	45	4	1
3-8514	Washer	54	13	3	21-3050	Ball Joint Mount L.H.	45	32	1
3-8812	Spacer	9	19	1	21-3370	Cable - R.H. Brake	11	*	1
4-2390	Washer	29	49	2	21-3380	Cable - L.H. Brake	11	15	1
5-0652	Spacer	9	37	1	21-3600	Foam - Tank Support	15	3	1
5-0701	Spring Anchor	10	52	1	21-3610	Foam - Tank Support	15	21	1
5-0838	Washer - Flat	6	58	3	21-3750	Support Plate	45	23	1
5-1226	Washer	18	17	3	21-3770	Strap - Lift	47	16	1
5-1747	Spring	9	21	1	21-3770	Strap - Lift	50	16	1
5-1754	Washer	45	15	6	21-7670	Differential Case	16	33	1
5-2942	Shackle	45	39	3	21-7690	Pinion Gear	16	6	2
5-3126	Spring Pin	45	21	3	21-7700	Pinion Mate Shaft	16	31	1
5-3126	Spring Pin	64	7	4	21-7710	Roll Pin	16	30	1
5-3505	Pin	64	6	1	21-7720	Thrust Washer	16	4	2
5-3637	Washer	29	17	1	21-7730	Thrust Washer	16	7	2
6-1659	Toggle Switch	3	19	1	21-7770	Drive Gear Screw	16	32	5
7-2111	Weight - Wheel	71	4	2	21-7830	Gear Cover	16	12	1
7-3900	Pad - Brake	11	1	1	21-7850	Cup - Plug	16	20	1
10-6830	Stud - Drive	18	32	10	21-8020	Spacer - Pinion Bearing	16	25	1
10-8110	Washer - Thrust	18	18	A/R	21-8090	Adjustment Shim .003	16	38	A/R
11-0390	Chains - Tire	64	*	1	21-8100	Adjustment Shim .005	16	37	A/R
11-0590	Screw - Hex. Hd. Tapping	11	5	2	21-8110	Adjustment Shim .010	16	36	A/R
11-0590	Screw - Self Tapping	5	44	2	21-8120	Adjustment Shim .030	16	35	A/R
11-9760	Screw - Self Tapping	21	52	3	21-8150	Spur-Gear	16	14	1
12-1509	Pneumatic Tire & Wheel	48	*	2	21-8180	Bearing	17	3	2
12-1509	Pneumatic Tire & Wheel	51	*	2	21-8270	Dowel Pin	16	3	2
12-5450	Thread Forming Screw	16	13	8	21-8320	Gasket - Wheel Bearing	17	20	2
12-9990	Hour Meter	3	40	1	21-8330	Oil Seal	17	2	2
14-0289	Cutting Deck	46	5	1	21-8360	Clip - Retaining	17	12	2
14-0809	Cover - Deck R.H.	47	5	1	21-8590	Link - Valve Lever	25	27	1
14-0819	Cover - Deck L.H.	47	21	1	21-8620	Lever Valve	25	2	1
14-5869	Cover - Deck R.H.	50	5	1	21-8640	Latch Valve Lever	25	7	1
14-5869	Cover - Deck R.H.	55	3	1	21-9010	Pivot Mount - Valve Lever	25	11	1
14-5879	Cover - Deck L.H.	50	21	1	21-9260	Cover - Dust	12	4	1
14-5879	Cover L.H. - Deck	55	15	1	21-9370	Screw - Adjusting	17	16	2
14-7409	Deck Assembly	49	5	1	21-9380	Nut - Pivot	17	17	2
18-1720	Ball Joint Assembly	29	3	2	21-9390	Socket - Adjusting Screw	17	15	2
18-2770	Cable - Ground	2	52	1	21-9420	Spring - Shoe Return L.H.	17	19	2
20-4370	Spacer Tubes	65	4	10	21-9430	Spring - Shoe Return R.H.	17	7	2
20-4840	Muffler Clamp	44	1	1	21-9440	Spring - Adjusting Screw	17	14	2
21-0141	Socket Assembly R.H.	11	26	1	21-9450	Dust Shield	17	5	2
21-0141	Socket Assembly R.H. Thd.	18	39	2	21-9460	Retainer - Brake Lever	17	10	4
21-0151	Socket Assembly L.H. Thd.	18	*	2	22-7810	Spacer	15	19	1
21-0160	Ball Joint Assembly	45	33	2	22-7820	Buzzer Assembly	3	36	1
21-0230	Pulley P.T.O.	9	13	1	22-8330	Plug	28	1	2
21-0400	Spring - Compression	9	48	1	22-8340	Spring	28	3	2
21-0890	V-Belt	46	14	3	22-8350	Ball	28	4	2
21-0890	V-Belt	49	14	3	22-8360	Pin - Cam	28	6	2
21-0890	V-Belt	52	11	3	22-8370	Seat - Check Valve	28	5	2
21-0890	V-Belt	54	11	3	22-8380	Spring Retainer	28	10	1
21-1550	Lever - P.T.O.	9	2	1	22-8390	Spring Retainer	28	12	1
21-1600	Clamp P.T.O. Lever	10	54	1	22-8400	Spacer Float	28	13	1
21-1820	Stud - Belt Retainer	29	42	2	22-8410	Spring	28	11	1
21-1830	Spring - Tension	9	50	1	22-8420	Spool	28	8	1
21-1830	Spring Tension	45	\$	1	22-8480	Spring Ring Spool	28	14	1
21-1880	Grip Handle	9	1	1	22-8490	Snap Ring	28	15	1
21-1990	Tie Rod Assembly	18	42	2	23-1640	Bushing - Taper	53	39	1
21-2370	Wire - Hour Meter Ground	4	1	1	23-1640	Bushing - Taper	55	39	1

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PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
23-1640	Bushing - TaperLock	48	53	1	26-1530	Fork - Caster Front	48	52	2
23-1640	Bushing - TaperLock	51	53	1	26-1530	Fork - Caster, Front	51	52	2
23-1950	Support Reinforcement	45	18	1	26-1530	Fork - Castor	53	38	2
23-2240	Rod - Pump Control	11	17	1	26-1530	Fork - Castor	55	38	2
23-2270	Bushing - Rubber	11	16	1	26-1680	Spindle Center	52	33	1
23-2410	Blade - High Lift	52	*	3	26-1680	Spindle Ctr.	46	47	1
23-2410	Blade - High Lift	54	*	3	26-1690	Spindle - Outer	46	32	2
23-2410	Blade - High Sail (Opt.)	46	*	3	26-1690	Spindle - Outer	52	22	2
23-2410	Blade - High Sail (Opt.)	49	*	3	26-1760	Pulley	46	4	2
23-4190	Bottom Rear Shield	60	4	1	26-1760	Pulley	49	4	2
23-4810	Gear Transmission Output	21	44	1	26-1760	Pulley	52	4	2
23-5180	Dipstick	15	41	1	26-1760	Pulley	54	4	2
23-7270	Nut - Wheel	15	32	10	26-1790	Spacer - R.H. Spindle	52	38	1
23-9930	Push Pin	64	8	1	26-1790	Spacer R.H. Spindle	46	46	1
23-9960	V-Plow	65	1	1	26-1820	Screw - Cap Hex. Hd.	46	29	3
24-2630	Stop	64	14	1	26-1820	Screw - Cap Hex. Hd.	49	29	3
24-2660	Outside Weight	64	12	2	26-1820	Screw - Cap Hex. Hd.	52	25	3
24-2670	Inside Weight	64	16	2	26-1820	Screw - Cap Hex. Hd.	54	25	3
24-2680	Push Arm Bracket	64	3	1	26-1840	Idler Pulley	46	2	3
24-2690	Plate - Clamp	64	2	1	26-1840	Idler Pulley	49	2	3
24-5530	Nose Skid	65	12	1	26-1840	Idler Pulley	52	2	3
24-5540	Skid	65	8	2	26-1840	Idler Pulley	54	2	3
24-5570	Scraper Blade	65	7	2	26-1850	Stud - Idler	46	12	1
24-5790	Rear Weight	63	3	2	26-1850	Stud - Idler	49	12	1
24-6390	Stud - Battery Hold Down	1	10	2	26-1850	Stud - Idler	52	10	1
24-6420	Hold Down - Battery	1	24	1	26-1850	Stud - Idler	54	10	1
24-8790	Differential Bevel Gear Side	16	5	2	26-1860	Spacer - Idler Pulley	46	7	2
24-8840	Ring - Wheel Bearing	17	21	2	26-1860	Spacer - Idler Pulley	49	7	2
24-9180	Strut & Lever Parking Brake	17	4	2	26-1860	Spacer - Idler Pulley	52	5	2
24-9510	Pin	45	11	1	26-1860	Spacer - Idler Pulley	54	5	2
24-9740	Cover - Battery Access	1	21	1	26-1870	Idler Mount L.H.	46	10	1
24-9830	Support Axle	18	48	1	26-1870	Idler Mount L.H.	49	10	1
25-1350	Pin	64	15	1	26-1870	Idler Mount L.H.	52	8	1
25-2380	Thrust Plate	24	50	2	26-1870	Idler Mount L.H.	54	8	1
25-2390	Motor Valve Plate	24	57	1	26-1880	Spacer - Idler Mount	46	36	1
25-2400	Gasket	24	59	1	26-1880	Spacer - Idler Mount	49	36	1
25-2410	Accel. Valve Assembly	23	17	2	26-1880	Spacer - Idler Mount	52	29	1
25-2420	Center Section	24	55	1	26-1880	Spacer - Idler Mount	54	29	1
25-2430	Dowel Pin	24	52	2	26-1890	Cover R.H. - Deck	53	3	1
25-2440	Pump Valve Plate	24	51	1	26-1900	Cover L.H. - Deck	53	15	1
25-2450	Variable Swashplate	23	48	1	26-1990	Washer - Belleville	46	30	3
25-2460	Plug - Hex. Hd.	23	28	2	26-1990	Washer - Belleville	49	30	3
25-2470	Shim Pack	23	29	2	26-1990	Washer - Belleville	52	24	3
25-2480	Valve Spring	23	44	1	26-1990	Washer - Belleville	54	24	3
25-2490	Ball	23	9	2	26-6740	Temperature Reset Relay	3	18	1
25-2500	Trunion Shaft	23	43	1	26-6750	Engine Temperature Gauge	3	15	1
25-2510	Washer - Flat	23	25	2	26-9100	Pulley L.H.	46	17	1
25-2530	Headless Straight Pin	23	39	1	26-9100	Pulley L.H.	52	14	1
25-2550	Charge Pump Housing	23	34	1	27-1960	Hub - Engine	29	37	1
25-2560	Relief Valve Cone	23	31	2	27-2360	Key Switch	3	10	1
25-2570	Valve Spring	23	30	1	27-4570	Knob	47	25	4
25-2580	Trunion Shaft	23	26	1	27-4570	Knob	50	25	4
25-2610	Accel. Valve Spring	23	16	1	27-4570	Knob	56	51	2
25-2620	By-Pass Valve	23	15	1	27-4720	Shaft	67	1	1
25-2630	Back-Up Ring	23	14	1	27-4720	Shaft	69	1	1
25-2640	Valve Spring	23	8	2	27-4720	Shaft	70	1	1
25-2650	Check Valve Plug	23	6	2	27-5430	Mulcher Screen	60	5	1
25-2680	Gerotor Assembly	23	38	1	27-6590	Spacer - Rubber Coupling	21	22	2
25-3180	Check Valve Kit	23	11	2	27-6600	Spacer - Rubber Coupling	21	20	6
25-3190	Charge Pump	23	40	1	27-7100	Air Cleaner Assembly	44	17	1
25-3210	Lip Seal	23	24	2	27-7110	Element Assembly	44	4	1
25-8640	Screw - Machine	29	10	1	27-7120	Nut & Gasket Assembly	44	5	1
26-1400	Pulley - Deck	47	13	1	27-7130	Clamp Assembly	44	7	1
26-1400	Pulley - Deck	50	13	1	27-7140	Skirt - Baffle	44	6	1
26-1400	Pulley - Deck	53	41	1	27-7150	Cup Assembly	44	8	1
26-1400	Pulley - Deck	55	41	1	27-7160	Decal - Instructions	44	3	1
26-1430	Caster Arm	47	34	1	27-7170	Band Assy.	44	15	2
26-1430	Caster Arm	50	34	1	27-7180	Cap Assembly - Air Inlet	44	20	1
26-1490	Caster Arm R.H.	47	1	1	27-7260	Mount - Arm Switch	9	6	1
26-1490	Caster Arm R.H.	50	1	1	27-7290	Decal - Power Take off	1	18	1

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PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
27-7310	Decal - Refueling	1	33	1	38-1650	Fuel Gauge	3	5	1
27-7320	Decal - Traction Pedal	1	1	1	38-1660	Ammeter	3	12	1
27-7370	Brake Assembly P.T.O.	9	25	1	38-1670	Clamp Mounting	3	2	2
27-7490	Pedal - L.H. Brake	11	41	1	38-4530	Tool Box	2	36	1
27-7510	Pedal - R.H. Brake	11	42	1	38-4550	Instrument Cover	1	19	1
27-7570	Pad - Left Turn	11	38	1	38-4600	Bar - Frame LH	5	26	1
27-7580	Pad - Right Turn	11	2	1	38-7820	Bearing	31	5	2
27-7590	Mount - Brake	11	34	1	38-9200	Cutter Deck	52	17	1
27-7640	Shaft - Brake Latch	11	36	1	38-9200	Cutter Deck	54	17	1
27-7900	Screw - Adjusting	9	35	1	38-9370	Arm - Castor - R.H.	53	47	1
27-8550	Pedal - Parking Bake	11	45	1	38-9370	Arm - Castor - R.H.	56	47	1
27-9270	Mount - Brake Pivot Shaft	11	35	1	38-9420	Arm - Castor L.H.	53	20	1
27-9810	Seat Pivot	8	17	1	38-9420	Arm - Castor L.H.	55	20	1
27-9870	Pin - Seat Switch	67	5	1	39-1410	Shield - Belly	57	6	1
27-9870	Pin - Seat Switch	69	7	1	39-1440	Hook - Shield Belly	57	7	2
27-9870	Pin - Seat Switch	70	4	1	39-1470	Hanger - Belly Shield	57	4	2
28-0570	Spring - Compression	67	10	1	39-3330	Bar - Caster Clamp	47	28	2
28-0650	Flanged Axle Shaft	17	1	2	39-3330	Bar - Caster Clamp	50	28	2
28-0660	Screw - Cap Hex. Hd.	17	22	8	39-3330	Bar - Clamp Castor Arm	53	7	1
28-0670	Oil Seal	17	8	2	39-3330	Bar - Clamp Castor Arm	55	7	1
28-0680	Brake Drum	17	13	2	39-3340	Bracket - Clamp	47	10	1
28-1280	Boot - Cable	1	12	1	39-3340	Bracket - Clamp	50	10	1
28-5130	Pad - Pedal	11	19	1	39-3340	Bracket - Clamp	53	9	1
28-5160	Bracket - Pivot	11	23	1	39-3340	Bracket - Clamp	55	9	1
28-5190	Pedal Traction	11	18	1	39-7450	Bracket - Clamp	47	27	1
28-5210	Shaft - Traction Pedal	11	22	1	39-7450	Bracket - Clamp	50	27	1
28-5220	Wheel - Friction	11	25	1	39-8020	Trim - Instrument Cover	1	22	1
28-5240	Pin - Traction Pedal	11	20	1	41-8760	Gasket Transmission	21	45	1
28-6180	Pin - Plastic	67	12	1	42-71 60	Pin - Dowel	36	21	1
28-6180	Pin - Plastic	69	17	1	42-6080	Shim	31	30	A/R
28-6180	Pin - Plastic	70	13	1	42-6080	Shim - Axle	15	30	A/R
28-9290	Bushing - Special	47	32	8	42-7030	Pin - Dowel	34	13	2
28-9290	Bushing - Special	50	32	8	42-7030	Pin - Dowel	36	47	2
28-9290	Bushing - Special	53	18	8	42-7040	Seal - Side	35	65	4
28-9290	Bushing - Special	55	18	8	42-7050	Guide - Oil Level Gauge	36	18	1
28-9570	Pump Lever	21	51	1	42-7060	Seal - Oil	35	55	1
29-5530	Blade	46	31	3	42-7080	Cap - Sealing	34	15	2
29-5530	Blade	49	31	3	42-7080	Cap - Sealing (25)	32	30	3
29-5530	Blade	52	23	3	42-7090	Cap - Sealing	36	17	2
29-5530	Blade	54	23	3	42-7090	Cap - Sealing (45)	32	36	1
29-6120	Pump Plate	21	3	1	42-7100	Bushing - Camshaft	35	79	1
29-6150	Leaf Spring	21	46	1	42-7110	Shaft - Idler	34	11	1
29-6163	Micro Switch	21	2	1	42-7120	Case - Oil Seal	35	57	1
29-6170	Extended Leaf Spring	21	7	1	42-7130	Gasket - Oil Seal	35	58	1
29-6930	Switch	8	20	1	42-7150	Gasket - Front Plate	34	9	1
29-6930	Switch Arm	9	3	1	42-7170	Plug - Expansion	36	51	1
29-8910	Washer	31	12	2	42-7180	Bushing - Knock	36	50	2
30-2120	Screw - Cap Hex. Hd.	9	22	2	42-7190	Bushing - Knock	37	72	2
31-0390	Disc - Friction	12	31	1	42-7200	Bushing - Knock	37	52	1
31-0750	Roller	52	34	1	42-7210	Plug - Taper	34	12	3
31-0750	Roller	54	34	1	42-7210	Plug - Taper	36	36	1
32-9610	Roller Shaft	52	35	1	42-7230	Bearing Set	35	64	1
32-9610	Roller Shaft	54	35	1	42-7240	Bearing Set - Crankshaft	35	*	1
33-2570	Radiator Assembly	5	19	1	42-7250	Bearing Set - Crankshaft	35	*	1
33-4380	Pump Hub	21	14	1	42-7260	Bearing Set - Crankshaft	35	*	1
36-1740	Roller - Deck	46	40	2	42-7270	Gauge Assembly - Oil Level	36	22	1
36-1740	Roller - Deck	49	40	2	42-7280	Oil Pan Assembly	33	52	1
36-7550	Seat Support	67	2	1	42-7290	Gasket - Oil Drain Plug (18)	32	50	1
37-8770	Bolt - Shoulder	29	4	1	42-7300	Gasket - Oil Pan	33	53	1
37-9550	Strap - Fuel Tank	15	7	1	42-7310	Bearing - Needle	34	3	1
37-9570	Ball Joint	67	8	1	42-7320	Bearing - Needle	34	2	1
37-9570	Ball Joint	69	10	1	42-7330	Case - Gear	34	4	1
37-9570	Ball Joint	70	7	1	42-7340	Gasket - Gear Case	34	5	1
37-9580	Prop - Seat	69	6	1	42-7390	Seal - Oil	35	82	1
37-9580	Prop - Seat	70	3	1	42-7400	Plug - Taper	34	1	1
37-9580	Seat Prop	67	4	1	42-7410	Plug - Taper	36	25	1
37-9590	Spring - Compression	69	12	1	42-7410	Plug - Taper 1/8	32	37	1
37-9600	Support - Seat	70	2	1	42-7420	Cap - Oil Filter	32	18	1
37-9650	Trim	1	29	1	42-7430	Pipe - Air Breather	32	16	1
37-9780	Spring - Compression	70	9	1	42-7440	Hanger - Engine	32	29	2

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
42-7460	Guide - Valve	32 27 6	42-8310	Rack Assembly - Control	40 21 1
42-7470	Gasket - Cylinder Head	33 63 1	42-8320	Seat - Spring, Lower	40 25 3
42-7480	Glow Plug	32 28 3	42-8330	O-Ring	40 15 3
42-7490	Seal - Oil	32 21 2	42-8340	Pin - Tappet Guide	40 19 3
42-7500	Cover Assembly - Rocker	32 23 1	42-8350	Plate	40 20 1
42-7510	Pipe	32 4 2	42-8360	Plate Assembly - Adjusting	40 18 2
42-7520	Gasket - Rocker Cover	32 24 1	42-8370	Screw - Air Breather	40 8 1
42-7530	Label - Engine No.	32 22 1	42-8380	Screw - Hollow	40 10 1
42-7540	Fitting - Water Outlet	32 15 1	42-8390	Shim - Plate	40 26 A/R
42-7550	Gasket	32 9 2	42-8400	Shim - Plate	40 * A/R
42-7650	Connecting Rod Assembly	35 49 3	42-8410	Shim - Plate	40 * A/R
42-7660	Bearing Set	35 60 3	42-8420	Shim - Plate	40 * A/R
42-7670	Bearing Set	35 * 3	42-8430	Shim - Plate	40 * A/R
42-7680	Bearing Set	35 * 3	42-8440	Shim - Plate	40 * A/R
42-7690	Bearing Set	35 * 3	42-8450	Shim - Plate	40 * A/R
42-7700	Gear - Crankshaft	34 10 1	42-8460	Spring Return	39 6 1
42-7710	Crankshaft	35 59 1	42-8620	Pin - Pressure	41 5 3
42-7720	Pulley - Crankshaft	35 83 1	42-8630	Spring - Pressure	41 4 3
42-7730	Key - Woodruff	37 58 1	42-8640	Nipple	41 10 3
42-7730	Key - Woodruff	35 62 2	42-8650	Nut - Retaining	41 8 3
42-7740	Nipple - Hose	32 11 1	42-8660	Piece - Distance	41 6 3
42-7780	Gear - Camshaft	37 57 1	42-8670	Flange	41 2 3
42-7790	Idle Gear Assembly	37 56 1	42-8680	Nozzle Assembly	41 7 3
42-7810	Shaft - Injection Pump Cam	37 55 1	42-8690	Metal - Sealing	38 1 1
42-7820	Bearing - Ball	37 53 1	42-8700	Wire	38 2 1
42-7830	Gear - Injection Pump Cam	37 61 1	42-8710	Weight Assembly - Governor	38 16 1
42-7840	Key - Sunk	37 54 1	42-8720	Sliding Shaft Assembly	38 13 1
42-7850	Retainer - Valve Spring	34 20 6	42-8730	Governor Lever Assembly	38 20 1
42-7860	Lock - Spring Retainer	34 21 12	42-8740	Spring - Tie Rod	38 11 1
42-7870	Seal - Valve Stem	34 18 6	42-8750	Tie Rod	38 12 1
42-7880	Spring - Valve	34 19 6	42-8760	Governor Shaft	38 22 1
42-7890	Tappet	34 33 6	42-8770	Lever - Governor Spring	38 8 2
42-7900	Valve - Intake	34 16 3	42-8780	Speed Control Lever Assy.	38 6 1
42-7910	Valve - Exhaust	34 17 3	42-8790	Cover Assembly	38 29 1
42-7920	Rod - Push	34 32 6	42-8800	Gasket Cover	38 30 1
42-7930	Spring - Rocker Shaft L.H.	34 41 1	42-8810	Pin - Grooved	38 5 2
42-7940	Arm - Rocker	34 22 6	42-8810	Pin - Grooved	38 32 1
42-7950	Washer - Seat	34 24 2	42-8820	Governor Spring	38 23 1
42-7960	Shaft Assembly - Rocker	34 40 1	42-8830	O-Ring	38 7 2
42-7970	Stay - Rocker	34 23 3	42-8850	Oil Pump Assembly	37 * 1
42-7980	Screw - Adjusting	34 30 6	42-8860	Plunger - Relief	36 40 1
42-7990	Ring - Snap	34 43 2	42-8870	Plug	36 38 1
42-8000	Pump Assy. - Fuel Injection	36 2 1	42-8880	Gasket	36 37 1
42-8010	Shim - 0.2 (.008 in.)	36 15 A/R	42-8900	Body - Oil Pump	36 48 1
42-8020	Shim - 0.3 (.012 in.)	36 * A/R	42-8910	Rotor Assembly - Oil Pump	36 45 1
42-8030	Shim - 0.4 (.016 in.)	36 * A/R	42-8920	Cover - Oil Pump	36 44 1
42-8040	Shim - 0.5 (.020 in.)	36 * A/R	42-8930	Spring - Relief	36 39 1
42-8050	Shim - 0.6 (.024 in.)	36 * A/R	42-8940	O-Ring	36 46 1
42-8060	Shim - 0.7 (.028 in.)	36 * A/R	42-8950	Gasket - Oil Pump Body	36 49 1
42-8070	Shim - 0.8 (.032 in.)	36 * A/R	42-8960	Driven Unit - Speedometer	35 * 1
42-8080	Shim - 0.9 (.036 in.)	36 * A/R	42-8970	Pin - Spring	34 35 1
42-8090	Shim - 1.0 (.039 in.)	36 * A/R	42-8980	Sleeve - Gear	34 36 1
42-8100	Collar - Union	36 4 1	42-8990	O-Ring	34 37 1
42-8120	Gasket - Nozzle Holder	32 35 3	42-9010	O-Ring	34 34 1
42-8130	Pipe Assy. - Fuel Injection	36 7 1	42-9020	Plate - Locking	35 63 1
42-8140	Pipe Assy. - Fuel Injection	36 11 1	42-9030	Filter Assembly - Oil	36 42 1
42-8150	Pipe Assy. - Fuel Injection	36 12 1	42-9060	Oil Pressure Switch Assy.	36 41 1
42-8160	Clamp	36 8 2	42-9070	Pulley - Water Pump	33 56 1
42-8170	Clamp	36 13 2	42-9080	Water Pump Assembly	33 60 1
42-8180	Fuel Return Pipe Assembly	36 33 1	42-9090	Gasket - Water Pump	33 61 1
42-8190	Joint	36 35 2	42-9100	Belt Fan	29 21 1
42-8220	Holder - Delivery Valve	40 16 3	42-9110	Gasket	32 41 1
42-8230	Spring - Delivery Valve	40 14 3	42-9120	Intake Manifold Assembly	32 6 1
42-8240	Gasket - Delivery Valve	40 13 3	42-9140	Gasket - Intake Manifold	32 7 1
42-8250	Delivery Valve Sub Assy.	40 12 3	42-9150	Pipe Inlet	32 3 1
42-8260	Element Sub Assembly	40 11 3	42-9160	Gasket - Inlet Pipe	32 5 1
42-8270	Sleeve - Plunger Control	40 22 3	42-9170	Gasket - Exhaust Manifold	32 39 1
42-8280	Seat - Spring, Upper	40 23 3	42-9180	Wire - Glow Plug Lead	32 26 2
42-8290	Spring - Pump Plunger	40 24 3	42-9190	Glow Lamp	3 14 1
42-8300	Tappet Sub Assembly	40 27 3	42-9200	Complete Gasket Set	33 * 1

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PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
42-9210	Bolt - Bearing Cap	35	67	8	43-0130	Screw - Set	42	19	1
42-9220	Screw - Cap Hex. Hd.	35	56	6	43-0190	Spring Set	43	4	1
42-9230	Screw - Cap (8 x 16)	32	51	15	43-0370	Shim	37	65 AIR	
42-9230	Screw - Cap Hex. Hd.	31	34	1	43-0380	Spacer	37	66	1
42-9230	Screw - Cap Hex. Hd.	35	81	3	43-0390	Alternator	37	67	1
42-9230	Screw - Cap Hex. Hd.	36	32	2	43-0400	Brace - Alternator	37	71	1
42-9240	Screw - Cap (12 x 28)	32	44	3	43-0410	Regulator Assembly	3	25	1
42-9250	Screw - Cap Hex. Hd.	34	14	4	43-0420	Pulley Assembly	42	2	1
42-9260	Plug - Oil Drain	32	49	1	43-0430	Bracket Assembly Front	42	4	1
42-9300	Screw - Cap (10 x 20)	33	64	2	43-0440	Bearing - Front	42	5	1
42-9310	Screw - Cp, Hex. Hd.	32	1	4	43-0450	Rotor Assembly	42	7	1
42-9320	Bolt - Cylinder Head	32	31	8	43-0460	Bearing - Rear	42	8	1
42-9330	Bolt - Cylinder Head	32	25	3	43-0470	Stator	42	9	1
42-9350	Screw - Cap Hex. Hd.	34	27	2	43-0480	Rear Bracket Assembly	42	14	1
42-9360	Bolt	34	26	2	43-0490	Holder Assembly Brush	42	11	1
42-9370	Screw - Cap Hex. Hd.	34	42	1	43-0500	Brush	42	12	2
42-9390	Bolt (8 x 32)	32	33	6	43-0510	Spring - Brush	42	15	1
42-9400	Screw - Cap Hex. Hd.	38	28	3	43-0520	Rectifier Assembly	42	13	1
42-9420	Bolt - High Speed Set	38	3	1	43-1440	Engine	29	13	1
42-9430	Screw - Cap Hex. Hd.	38	14	3	43-1710	Valve Assembly	25	13	1
42-9440	Screw - Cap Hex. Hd.	34	39	1	43-1730	Body	28	7	1
42-9450	Bolt/Washer - Assembled	38	21	1	43-1770	Plate - Rear	32	46	1
42-9470	Bolt - Connecting Rod	35	50	6	43-1780	Thermostat	32	14	1
42-9480	Screw - Cap Hex. Hd.	36	43	4	43-1790	Fitting - Thermostat	32	10	1
42-9490	Screw - Cap (6 x 12)	33	58	4	43-1800	Flywheel	35	53	1
42-9500	Screw - Cap (8 x 45)	33	55	3	43-1810	Gear - Ring	35	54	1
42-9500	Screw - Cap Hex. Hd.	35	87	8	43-1870	Manifold - Exhaust	32	42	1
42-9510	Screw - Cap (8 x 60)	33	59	1	43-1880	Control Unit Assembly	3	27	1
42-9520	Screw - Cap (8 x 30)	32	43	5	43-1890	Screw	42	18	1
42-9530	Screw - Cap (8 x 40)	33	66	1	43-1900	Screw - Cap Hex. Hd.	37	68	1
42-9570	Stud (8 x 25)	32	38	5	43-1910	Fan - Cooling	31	1	1
42-9580	Nut	29	19	2	43-1920	Nut Set	42	1	1
42-9580	Nut	31	20	4	43-1940	Adapter - Temp. Gauge	29	11	1
42-9580	Nut	37	64	1	43-2550	Filter	7	15	1
42-9580	Nut (8)	32	19	3	43-2560	Gasket	7	16	1
42-9580	Nut - Jam	38	10	2	43-2570	Gasket	7	14	1
42-9590	Nut - Connecting Rod	35	61	6	43-2580	Magnet	7	17	1
42-9600	Washer - Lock	29	40	3	43-2600	Capscrew	36	10	2
42-9600	Washer - Lock	31	25	4	43-2690	Shoe & Lining Assembly	17	9	4
42-9600	Washer - Lock	33	65	2	43-2710	O-Ring	36	19	1
42-9600	Washer - Lock	33	67	2	43-2720	Mold	42	16	1
42-9600	Washer - Spring	34	25	3	43-2730	Solenoid - Tubular	38	17	1
42-9620	Nut - Jam	34	29	6	43-2740	Gasket	38	19	1
42-9640	Nut - Jam	38	36	1	43-2750	Nut	38	18	1
42-9660	Washer - Flat	36	23	6	43-2770	Lever - Stop	38	35	1
42-9660	Washer - Plain (8)	33	54	4	43-2800	Screw - Cap Hex. Hd.	38	24	1
42-9670	Washer	41	9	3	43-2820	Sealing Cap	38	25	1
42-9680	Washer	41	3 A/R		43-2830	Nut	38	4	1
42-9690	Washer	41	* A/R		43-2900	Retainer - Oil Level Guide	36	20	1
42-9700	Washer	41	* A/R		43-2910	Plate - Ungleich Set	39	3 A/R	
42-9710	Washer	41	* A/R		43-2920	Plate - Ungleich Set	39	* A/R	
42-9720	Washer	41	* A/R		43-2930	Plate - Ungleich Set	39	* A/R	
42-9730	Washer	41	*3 A/R		43-2940	Plate - Ungleich Set	39	* A/R	
42-9740	Washer	41	* A/R		43-2950	Plate - Ungleich Set	39	* A/R	
42-9750	Washer	41	* A/R		43-3000	Plate - Smoke Set	39	7 A/R	
42-9770	Washer	40	9	1	43-3010	Plate - Smoke Set	39	* A/R	
42-9790	Washer - Head Bolt	32	32	8	43-3020	Plate - Smoke Set	39	* A/R	
42-9800	Washer	32	20	2	43-3030	Plate - Smoke Set	39	* A/R	
42-9810	Washer - Flat	35	86	1	43-3040	Plate - Smoke Set	39	* A/R	
42-9820	Washer	37	73	1	43-3050	Plate - Smoke Set	39	* A/R	
42-9830	Washer - Seal	36	3	2	43-3060	Plate - Smoke Set	39	* A/R	
42-9850	Washer - Lock	32	2	24	43-3070	Plate - Smoke Set	39	* A/R	
42-9850	Washer - Lock	34	7	11	43-3080	Plate - Smoke Set	39	* A/R	
42-9850	Washer - Lock	36	31	7	43-3090	Plate - Smoke Set	39	* A/R	
42-9850	Washer - Lock	38	9	2	43-3100	E-Ring	39	1	1
42-9860	Washer - Spring	35	85	1	43-3110	Spring - Ungleich Set	39	2	1
43-0080	Nut - Set	42	10	1	43-3120	Washer - Seal	38	27	1
43-0090	Screw - Cap (10 x 25)	32	48	2	43-3130	Hose - Water	32	13	1
43-0110	Screw - Cap Hex. Hd.	36	14	4	43-3140	Clamp - Hose	32	12	2
43-0120	Screw - Set	42	3	1	43-3150	Bolt/Washer Assembled	40	17	2

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
43-3160	Screw - Adjusting	38 33 1	43-7020	Hose - Lower Radiator	5 21 1
43-3190	Screw - Cap Hex. Hd.	29 41 3	43-8480	Decal - Danger	46 25 2
43-3200	Screw - Cap Hex. Hd.	31 24 4	43-8480	Decal - Danger	49 25 2
43-3210	Screw - Cap Hex. Hd.	29 28 4	43-8480	Decal - Danger	52 18 2
43-3220	Screw - Cap Hex. Hd.	29 46 2	43-8480	Decal - Danger	54 18 2
43-3320	Foam - Radiator	5 28 2	44-2210	Warning Light	3 8 1
43-3330	Shroud - Radiator	5 17 1	44-2220	Wire Lead	3 6
43-3340	Plate - Sealing, Grille	5 42 1	44-2230	Rubber Coupling	21 17
43-3350	Hose - Upper Radiator	5 13 1	44-8070	Nozzle & Holder Assembly	32 34 3
43-3510	Pulley - Engine	29 27 1	44-8080	Body	41 1 3
43-3530	Pulley Flywheel	31 26 1	44-8090	Lever Assembly Stop	38 31 1
43-3690	Fan - Shaft	31 2 1	44-8100	Spring Return	38 34 1
43-3700	Hub-Fan	31 4 1	46-1600	Spacer	57 2 2
43-3720	Collar - Bearing	29 32 1	46-2210	Shim - Pinion Bearing .031	16 22 A/R
43-3730	Bracket Throttle Control	29 52 1	46-2211	Shim - Pinion Bearing .033	16 * A/R
43-3760	Lever Throttle	30 54 1	46-2212	Shim - Pinion Bearing .035	16 * A/R
43-3770	Link - Throttle	29 1 1	46-2213	Shim - Pinion Bearing .037	16 * A/R
43-3780	Swivel - Throttle Control	29 9 1	46-2214	Shim - Pinion Bearing .039	16 * A/R
43-3790	Bracket Belt Guide	29 48 1	46-2215	Shim - Pinion Bearing .041	16 * A/R
43-3800	Bushing - P.T.O. Fork	9 23 2	46-2216	Shim - Pinion Bearing .043	16 22 A/R
43-3810	Tube - Air Cleaner	44 18 1	46-2220	Shim - Pinion Bearing .045	16 * A/R
43-3820	Spacer	3 34 1	46-2221	Shim - Pinion Bearing .047	16 * A/R
43-3850	Muffler	31 17 1	46-2222	Shim - Pinion Bearing .049	16 * A/R
43-3860	Shaft - Pivot P.T.O.	9 9 1	46-2223	Shim - Pinion Bearing .051	16 * A/R
43-3870	Support - Muffler	31 8 1	46-2224	Shim - Pinion Bearing .053	16 * A/R
43-3880	Pulley	31 10 1	46-2225	Shim - Pinion Bearing .055	16 * A/R
43-3900	Guard - Fan Belt	8 5 1	46-2226	Shim - Pinion Bearing .057	16 * A/R
43-3970	Panel - Instrument	3 16 1	46-6390	Drive Coupling	21 18 1
43-3980	Decal - Instrument Panel	3 46 1	46-7540	Lever Assembly	43 3 1
43-3990	Throttle Control	3 23 1	46-7610	Starter Assembly	32 47 1
43-4000	Circuit Breaker	3 21 1	46-7620	Screw - Set	43 1 1
43-4010	Wire Assembly	4 4 2	46-7630	Bracket Assembly - Front	43 2 1
43-4040	Wire Assembly	4 3 1	46-7650	Bracket Assembly - Center	43 5 1
43-4150	Fuel Tank	15 4 1	46-7660	Switch Assembly	43 6 1
43-4160	Fitting - Return & Vent	15 13 1	46-7670	Armature Set	43 8 1
43-4190	Fitting Assembly	15 28 1	46-7680	Bearing - Front	43 7 1
43-4230	Hose	30 56 1	46-7690	Bearing - Rear	43 9 1
43-4230	Hose Return	15 15 1	46-7700	Bolt Set	43 15 1
43-4290	Decal - Starting Instructions	1 20 1	46-7710	Shaft Assembly - Clutch	43 * 1
43-4300	Trim - Rear Frame	1 32 2	46-7720	Pinion Set	43 19 1
43-5500	Pivot P.T.O.	9 31 1	46-7730	Snap Ring	43 20 1
43-5540	Shaft P.T.O.	9 43 1	46-7740	Gear Set	43 * 1
43-5550	Shaft - Actuator P.T.O.	9 32 1	46-7750	Shaft Assembly Pinion	43 18 1
43-5570	Arm, Actuator - P.T.O.	9 38 1	46-7760	Gear	43 17 1
43-5590	Arm - P.T.O.	9 30 1	46-7770	Cover Set	43 16 1
43-5610	Fork P.T.O.	9 24 1	46-7780	Yoke Assembly	43 11 1
43-5630	Yoke - P.T.O.	9 51 1	46-7790	Brush Holder Assembly	43 13 1
43-5690	Hose - Vent, Fuel Tank	15 16 1	46-8030	Spring - Brush	43 12 4
43-5910	V-Belt	31 11 1	46-8040	Bracket - Rear	43 14 1
43-5920	Washer - Lock	37 63 1	46-8050	Packing	43 10 1
43-5920	Washer - Lock	42 17 1	46-8091	Screw - Flange	5 49 2
43-5930	Washer - Lock	33 57 4	46-8400	Needle Bearing	24 53 2
43-5930	Washer - Lock	34 28 2	46-8410	Motor Shaft	24 58 1
43-5930	Washer - Lock	38 15 7	46-8810	Stop - Leaf Spring	22 56 1
43-5950	Washer - Lock	29 26 4	46-8840	Spring - Lift Arm	45 14 1
43-5960	Nut - Special	38 26 1	47-7420	Hose	30 55 1
43-5970	Nut	37 62 1	48-1800	Cylinder Block Kit	23 5 2
43-6240	Shim - Plate	40 * A/R	48-1980	Gasket	35 78 1
43-6470	Nut	35 84 1	48-1990	Nut - Jam	35 77 1
43-6510	Gear & Pinion Assembly	16 * 1	48-2010	Screen - Assembly Oil	35 76 1
43-6550	Snap Ring	16 21 1	48-2020	Cylinder Block Sub Assy.	33 62 1
43-6710	Adjustment Shim .003	16 15 A/R	49-2280	Decal - Diesel Fuel	1 31 1
43-6711	Adjustment Shim .005	16 16 A/R	49-7990	Cap - Shipping	34 31 1
43-6712	Adjustment Shim .010	16 17 A/R	49-8320	Bearing & Spacer Assy.	52 16 3
43-6713	Adjustment Shim .030	16 18 A/R	49-8320	Bearing & Spacer Assy.	54 16 3
43-6750	Roller Bearing Cup	16 10 1	49-8320	Bearing & Spacer Set	46 19 3
43-6760	Roller Bearing Cone	16 9 1	49-8320	Bearing & Spacer Set	49 19 3
43-6800	Nut - Lock	17 18 8	51-0790	Adjuster L.H.	66 10 1
43-6810	Torque - Spider	17 6 2	51-1470	Deflector	46 26 1
43-6840	Lower Housing	16 34 1	51-1470	Deflector	49 26 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
51-1530	Hinge Bracket	46 21 2	62-3430	Gasket (.005 in.)	58 5 A/R
51-1530	Hinge Bracket	49 21 2	62-3440	Gasket (.003 in.)	58 6 A/R
51-1550	Spring	46 27 2	62-3490	Plug - Pipe (Solid)	58 2 4
51-1550	Spring	49 27 2	62-3730	Screw - Cap w/Washer	34 8 2
52-4880	Adjuster - R.H.	66 11 1	62-3740	Plate - Front	34 6 1
52-4890	Rod Connecting	66 6 1	62-3790	Tube - Slip Yoke	10 62 1
53-4430	Decal - Oil	15 42 1	62-3800	Yoke - End	10 57 1
53-8150	Pump Assy. Fuel, Electric	7 13 1	62-3820	Fitting - Grease	10 59 2
53-9480	Washer	29 39 2	62-4250	Cylinder - Hydraulic	25 21 1
53-9480	Washer	31 28 2	62-4290	O-Ring	24 54 2
53-9660	V-Belt Torque Team	9 12 1	62-4330	Wheel - Caster - Front	48 50 2
53-9680	Engine Mount - Rubber	29 23 2	62-4330	Wheel - Castor - Front	53 36 2
53-9680	Engine Mount - Rubber	31 29 2	62-4340	Spanner - Front	48 51 2
53-9710	Engine Mount	29 22 2	62-4340	Spanner - Front	51 51 2
53-9750	Fan Mount	31 6 1	62-4340	Spanner - Front	53 37 2
54-7890	Pump Housing	23 22 1	62-4340	Spanner - Front	55 37 2
54-8650	Screw - Cap Flange Hd.	37 70 1	62-4480	Rod - Roller	46 43 2
54-8660	Washer	37 69 1	62-4480	Rod - Roller	49 43 2
54-8670	Bolt - Flywheel	35 52 5	62-5580	Bushing	47 39 8
54-8680	Shim - Plate	40 * A/R	62-5580	Bushing	50 39 8
54-8690	Shim - Plate	40 * A/R	62-5580	Bushing	53 25 8
54-8700	Plate - Smoke Set	39 * A/R	62-5580	Bushing	55 25 8
54-8710	Plate - Smoke Set	39 * A/R	62-6840	Sender - Fuel Level	15 12 1
54-8730	Plate - Smoke Set	39 * A/R	62-6940	Cap	38 37 1
54-8740	Plate - Smoke Set	39 * A/R	62-7650	Gasket	15 8 1
54-8750	Plate - Smoke Set	39 * A/R	63-0070	Spacer - 1/2	47 31 24
54-8760	Plate - Smoke Set	39 * A/R	63-0070	Spacer - 1/2	50 31 24
54-8770	Plate - Smoke Set	39 * A/R	63-0070	Spacer 1/2"	53 17 24
54-8780	E-Ring	39 5 1	63-0070	Spacer 1/2"	55 17 24
54-8890	Bolt - Wheel	61 2 4	63-1400	Belt Guide	30 58 1
54-8900	Wheel Half - Male	61 7 1	63-1770	Spanner - Rear	47 40 2
54-8910	Wheel Half - Female	61 5 1	63-1770	Spanner - Rear	50 40 2
54-8920	Hub - Centered	61 4 1	63-1770	Spanner - Rear	53 26 2
54-8930	Retainer	61 1 2	63-1770	Spanner - Rear	55 26 2
54-8940	Bearing - Roller	61 10 1	63-1970	Shroud - Universal	47 15 1
54-8950	Tube w/Valve	61 12 1	63-1970	Shroud - Universal	50 15 1
54-8960	Tire	61 6 1	63-1970	Shroud - Universal	53 13 1
54-9040	Yoke - End (Split)	10 63 1	63-1970	Shroud - Universal	55 13 1
54-9180	Kit - U-Joint	10 58 2	63-7590	Relay	3 42 1
54-9290	Bracket	21 29 2	63-8280	Head Assembly	7 5 1
54-9300	Cover	21 28 1	63-8290	Vent	7 3 1
55-3572	Fuel Cap	15 18 1	63-8300	Element - Fuel Filter	7 10 1
55-7080	Bushing - Spanner	61 11 1	63-8310	Drain Valve	7 11 1
56-0960	Plate - Smoke Set	39 *7 A/R	63-8360	Key	3 11 1
56-2460	Washer	18 45 A/R	63-8400	Wheel - Caster Rear	47 42 2
56-7980	Sleeve - Protective	15 24 1	63-8400	Wheel - Caster Rear	50 42 2
57-0280	Decal - 72"	46 44 1	63-8400	Wheel - Castor - Rear	53 28 2
57-0280	Decal - 72"	49 44 1	63-8400	Wheel - Castor - Rear	55 28 2
57-0280	Decal - 72"	52 37 1	63-8410	Washer	47 8 4
57-0280	Decal - 72"	54 37 1	63-8410	Washer	50 8 4
60-9700	Spindle Housing	46 34 3	63-8410	Washer	53 5 4
60-9700	Spindle Housing	52 20 3	63-8410	Washer	55 5 4
60-9760	Nut	26 12 1	63-8580	Bearing - Roller	47 43 2
60-9760	Nut - Hex	27 7 1	63-8580	Bearing - Roller	50 43 2
60-9770	Piston	26 11 1	63-8580	Bearing - Roller	53 29 2
60-9780	Head	26 5 1	63-8580	Bearing - Roller	55 29 2
61-3610	Warning Decal	45 12 3	63-8960	Hose Assy. - Valve/Cooler	5 38 1
61-4960	Seal Repair Kit	26 * 1	63-8970	Hose - Trans. to Steering	12 14 1
61-4980	Shaft - w/Clevis	26 1 1	63-8980	Hose - Aux. to Valve	12 22 1
61-4990	Ring - Retaining	26 4 1	63-8990	Hose	12 23 1
62-3290	Shaft - Slip Yoke	10 60 1	63-8990	Hose	25 15 1
62-3310	Screw - Cap Sems	58 15 8	63-9010	Hose Assy. - Cooler/Pump	5 27 1
62-3330	Cone - Gear	58 12 1	63-9170	Spindle Assembly L.H.	18 33 1
62-3340	Cup - Bearing	58 14 2	63-9180	Spindle Assembly R.H.	18 1 1
62-3360	Cup - Bearing	58 3 2	63-9220	Steering Pivot	18 38 1
62-3370	Cone - Bearing	58 9 2	63-9240	Cylinder - Hydraulic	18 16 1
62-3380	Key	58 8 2	63-9250	Valve - Power Steering	12 25 1
62-3400	Seal	58 13 2	63-9260	Manifold - Valve	25 17 1
62-3410	Cap	58 16 2	63-9640	Hose Fuel	15 27 1
62-3420	Gasket (.015 in.)	58 4 A/R	63-9650	Hose	7 20 1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
63-9720	Hose	7	7	1	67-5470	Ring - Retaining	27	4	1
63-9750	Mount - Isolation	48	57	4	67-5480	Shaft	27	2	1
63-9750	Mount - Isolation	51	57	4	67-5500	Repair Kit	27	3	1
63-9750	Mount - Isolation	53	44	4	67-7250	Spacer - Ring	18	14	1
63-9750	Mount - Isolation	55	44	4	67-8050	Needle Bearing	23	35	1
65-2970	Line - Gas	25	22	1	67-8060	Lip Seal	23	36	1
65-5100	Handle - Hood	5	12	1	67-8110	Oil Filter	21	34	1
66-1250	Cylinder - Hydraulic	25	*	1	67-8130	Support - Axle	18	6	1
66-1260	Bracket - Knob	47	44	2	67-8170	Pin - Rear Axle	18	3	1
66-1260	Bracket - Knob	50	44	2	67-8190	Bracket - Engine Support	8	12	2
66-1260	Bracket - Knob	56	50	2	67-8220	Differential Assembly	15	35	1
66-1340	Decal - Danger	46	20	2	67-8470	Strip - Retainer	5	30	1
66-1340	Decal - Danger	49	20	2	67-8530	Plate - Sealing	5	37	1
66-1340	Decal - Danger	52	28	2	67-8570	Strip - Sealing	5	41	1
66-1340	Decal - Danger	54	28	2	67-8690	Support - Column	12	7	1
66-1910	Piston Rod Assembly	20	4	1	67-8700	Hood	6	55	1
66-1930	Nut - Lock	20	6	1	67-8810	Hinge L.H.	8	10	1
66-1940	Piston	20	5	1	67-8820	Hinge, R.H.	8	4	1
66-1950	Gland	20	3	1	67-8840	Pin - Hinge	5	7	1
66-1960	Seal Kit	20	2	1	67-8870	Support - Radiator	5	46	1
66-3240	Cap - Radiator	6	53	1	67-9000	Screen - Rear	5	3	1
66-5310	Idle Pulley	31	18	1	67-9030	Grille	5	47	1
66-5320	Spacer	31	19	1	67-9080	Motor Housing	23	4	1
66-5400	Seat Assembly	66	*	1	67-9090	Plug	23	42	1
66-5400	Seat Assembly	68	*	1	67-9100	Gasket	23	10	1
66-6140	Decal	65	2	1	67-9160	Axle - Rear	18	35	1
66-6310	Washer - Cup	47	14	2	67-9210	Spacer	69	3	1
66-6310	Washer - Cup	50	14	2	67-9410	Washer - Flat	18	10	2
66-6310	Washer - Cup	56	48	2	67-9800	Bumper	45	37	1
66-6370	Lift Arm	45	1	1	67-9860	Support - Seat	69	2	1
66-6380	Decal - Deflector Missing	46	24	1	68-5140	Cap - Steering Wheel	12	46	1
66-6380	Decal - Deflector Missing	49	24	1	68-5370	Decal - Toro	12	1	1
66-6390	Decal - Caution	1	3	1	68-6710	Roller - Deck	46	42	1
66-6480	Washer - Flat	47	3	4	68-6710	Roller - Deck	49	42	1
66-6480	Washer - Flat	50	3	4	68-6740	Bottom Rear Shield	60	*	
66-6480	Washer - Flat	53	2	4	68-6810	Gear Box Assembly	53	11	1
66-6480	Washer - Flat	55	2	4	68-6810	Gear Box Assembly	55	11	1
66-7030	Screw - Cap w/Washer	31	32	2	68-6810	Gear Case Assembly	47	11	1
66-7150	Push Arm R.H.	45	9	1	68-6810	Gear Case Assembly	50	11	1
66-8111	Trim - Hood Cutout	6	54	1	68-6840	Shaft - Roller	46	41	1
66-8510	Adjuster w/Handle	68	14	1	68-6840	Shaft - Roller	49	41	1
66-8520	Bumper - Stop	68	15	2	68-7030	Housing	58	1	1
66-8530	Adjuster	68	18	1	68-7040	Shaft	58	17	1
66-8540	Hanger - Spring	68	16	1	68-7050	Shaft	58	19	1
66-8560	Nut - Push	68	1	4	68-7060	Gear	58	18	1
66-8600	Frame - Upper	68	22	1	68-7070	Ring - Retaining	58	7	2
66-8610	Frame - Lower	68	12	1	68-7080	Gear	58	10	1
66-9290	Spacer - Suspension	68	19	4	68-7280	Decal - Blade Bolt Torque	46	23	1
66-9760	Nut - Hex.	12	2	1	68-7280	Decal - Blade Bolt Torque	49	23	1
66-9770	Seal	13	28	1	68-7280	Decal - Blade Bolt Torque	52	19	1
66-9780	Bushing	13	29	1	68-7280	Decal - Blade Bolt Torque	54	19	1
66-9850	Bolt - Special	13	36	4	68-8560	Bracket - Gear Box	48	58	2
66-9860	Upper Cover & Jacket	13	37	1	68-8560	Bracket - Gear Box	51	58	2
66-9870	Plate - Retaining	13	38	1	68-8560	Bracket - Gearbox	53	45	2
66-9880	Washer - Retaining Plate	13	39	1	68-8560	Bracket - Gearbox	55	45	2
66-9890	Ring - Retaining	13	40	1	68-8610	Fender - Extension	2	43	1
66-9900	Shaft - Input	13	41	1	68-8660	Elbow	21	31	1
66-9970	Spring Kit	13	*	1	68-8990	Head - Filter	21	33	1
66-9980	Seal Kit	13	*	1	68-9110	Shim	31	37 A/R	
66-9990	Needle Roller Kit	13	*	1	68-9111	Shim	31	* A/R	
67-1700	Decal - Starting Fluid	44	19	1	68-9112	Shim	31	* A/R	
67-1710	Decal - Caution	1	30	1	68-9160	Bracket	5	35	1
67-1720	Decal - Torque	2	42	2	68-9650	Hose - Axle	21	37	1
67-1750	Bushing	18	4	6	68-9710	Hose - Steering Cylinder	15	43	2
67-5360	Decal - Danger	46	3	2	68-9720	Hose - Cylinder to Steering	12	19	1
67-5360	Decal - Danger	49	3	2	68-9730	Hose - Steering to Cylinder	12	18	1
67-5360	Decal - Shield Missing	52	3	2	68-9760	Fuel Tank Base	15	2	1
67-5360	Decal - Shield Missing	54	3	2	68-9770	Upper Housing	16	26	1
67-5450	Piston	27	6	1	68-9890	Cover - Gear Box - Front	53	43	1
67-5460	Head	27	5	1	68-9890	Cover - Gear Box - Front	55	43	1

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PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
68-9890	Cover - Gear Box Front	48	56	1	82-8650	Clamp - Half	12	37	1
68-9890	Cover - Gear Box Front	51	56	1	82-8660	Cover - Tower	12	5	1
70-1180	Cable - Battery Positive	1	13	1	82-8670	Rod - Brake Latch	11	10	1
70-1190	Cable - Ground	3	43	1	82-8760	Elbow	12	12	1
70-1190	Ground Cable	4	5	1	82-8770	Elbow	12	21	1
70-1230	Wire Harness Assembly	4	2	1	82-8930	Decal - Parking Brake	11	12	1
70-1380	Sleeve - Protective	12	17	1	82-8940	Decal - Steering, Tilt	12	44	1
70-1390	Sleeve - Protective	12	15	1	82-8950	Foam - Flange Hood	5	45	2
70-2200	Decal - Toro	1	2	1	82-8970	Decal - Radiator Coolant	5	48	1
70-2560	Decal - Lube	47	9	1	82-9010	Disc - Friction	12	38	1
70-2560	Decal - Lube	50	9	1	82-9970	Frame	2	40	1
70-2560	Decal - Lube	53	6	1	83-4740	Bearing - Roller	48	48	2
70-2560	Decal - Lube	55	6	1	83-4740	Bearing - Roller	51	48	2
70-2620	Elbow - 90°	21	38	1	83-4740	Bearing - Roller	53	34	2
71-3580	Hose - Hydraulic	25	19	1	83-4740	Bearing - Roller	55	34	2
71-4370	Transmission - Inline	21	42	1	84-2020	Outer Spindle Housing	49	34	2
71-4490	Bracket - Seat Support	6	59	1	84-2020	Outer Spindle Housing	54	20	2
71-4540	Washer - Thrust	18	8 A/R		84-2060	Pulley L.H.	49	17	1
71-4850	Cover Flywheel Guard	19	51	1	84-2060	Pulley L.H.	54	14	1
72-3690	Fender	2	41	2	84-2070	Spindle - Outer	49	32	2
72-3750	Ball Bearing	23	2	1	84-2070	Spindle - Outer	54	22	2
72-4200	Ring - Set - Piston Std.	34	44	3	84-2080	Center Spindle Housing	49	51	1
72-4210	Ring Set - Piston	34	45	3	84-2080	Center Spindle Housing	54	42	1
72-4220	Ring Set - Piston	34	46	3	84-2090	Spacer - R.H. Spindle	54	38	1
72-4230	Ring Set - Piston	34	47	3	84-2090	Spacer R.H. Spindle	49	46	1
72-4240	Piston & Piston Pin Std.	34	48	3	84-4890	Drive Shaft Assembly	10	*	1
72-4250	Piston & Piston Pin	34	*	3	84-5370	Spindle Center	49	47	1
72-4260	Piston & Piston Pin	34	*	3	84-5370	Spindle Center	54	33	1
72-4270	Piston & Piston Pin	34	*	3	84-8610	Decal - Groundskeeper	5	4	2
72-4280	Camshaft	37	59	1	85-6310	Wheel - Caster - Front	51	50	2
72-4290	Head Assembl - Cylinder	32	8	1	85-6310	Wheel - Castor - Front	55	36	2
72-9370	Shim (.020 in.)	58	11	4	321 04-96	Screw - Cap Hex. Hd.	15	6	1
72-9420	Vent Tube Assembly	16	39	1	212-93	Wire Clip	8	18	2
74-0720	Tube - Manual	8	2	1	212-93	Wire Clip	10	53	1
74-9510	Washer	24	60	4	217-106	Wheel	18	22	2
75-0560	Steering Wheel Assembly	12	3	1	217-116	Rim	62	2	1
75-0810	Decal - Caution	2	49	2	217-117	Rim	15	33	2
75-9560	Pump Shaft	23	20	1	218-473	Toggle Switch Boot	3	17	1
75-9680	Fork - Caster, Rear	47	36	2	218-515	Mounting Bracket	3	39	1
75-9680	Fork - Caster, Rear	50	36	2	218-533	Lens	3	9	1
75-9680	Fork - Castor Rear	55	22	2	218-539	Clamp	3	13	1
75-9680	Fork - Castor, Rear	53	22	2	231-90	Tube - Inner	15	*	2
75-9900	Engine Support - Front	29	29	1	231-95	Tire	62	1	1
76-1900	O-Ring	23	18	2	231-105	Tire	18	24	2
76-1910	Shaft - Pivot	68	2	2	231-138	Tire	15	31	2
76-1920	Bearing - Sleeve	68	13	4	232-27	Valve Stem	62	3	1
76-1930	Knob - Adjustment	68	20	1	232-31	Valve Stem w/Cap	15	34	2
76-1940	Spring - Extension	68	23	2	232-31	Valve Stem w/Cap	18	23	2
76-2940	Bumper	68	8	2	233-17	Knob	11	11	1
77-3100	Decal - Warning	5	15	3	233-21	Knob	25	3	1
77-3120	Bracket - Mount, Column	12	9	1	233-21	Knob - Handle	12	35	1
77-3140	Engine Mount	31	22	1	233-35	Knob	3	7	2
77-3170	Stop - Hood Cable	5	22	2	237-22	O-Ring	12	20	3
77-3180	Spacer	44	22	4	237-22	O-Ring	22	58	1
77-3210	Floor Plate	2	48	1	237-22	O-Ring	23	13	1
77-5141	Decal - Hood LH	5	50	1	237-22	O-Ring	25	29	2
77-5151	Decal - Hood RH	5	*	1	237-30	O-Ring	12	13	3
77-5160	Foam - Side	5	2	1	237-30	O-Ring	22	59	1
77-5170	Foam - Top	5	1	1	237-30	O-Ring	25	30	2
77-5250	Spacer - Hood Cable	5	23	4	237-42	O-Ring	22	57	2
80-0060	Hose - Air Cleaner	44	10	1	237-42	O-Ring	25	31	2
80-2880	Bracket - Steering, Tilt	12	40	1	237-42	O-Ring	28	2	2
80-2890	Handle - Steering Tilt	12	34	1	237-78	O-Ring	25	32	2
80-2930	Washer	12	39	1	237-80	O-Ring	21	30	1
80-2940	Plate - Pivot	12	29	1	237-80	O-Ring	23	33	1
80-2960	Spacer - Tower	12	10	2	237-81	O-Ring	21	32	3
80-2970	Pin - Steering Tilt	12	33	1	237-86	O-Ring	23	7	4
80-2980	Boss - Pin	12	32	1	237-95	O-Ring	23	41	1
80-3330	Gasket	44	12	1	237-141	Bumper - Radiator	6	52	2
82-2590	Plug - Thrust	35	88	1	241-119	Dust Cap	18	20	2

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PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
242-34	Axle Flange Stud	17	11	10	302-5	Fitting - Grease	47	33	4
242-50	Nut - Wheel	18	21	10	302-5	Fitting - Grease	50	33	4
249-21	Hook Clamp	1	16	3	302-5	Fitting - Grease	53	19	4
249-39	Latch - Flexible Draw	5	24	1	302-5	Fitting - Grease	54	39	2
249-40	Keeper	6	56	1	302-5	Fitting - Grease	55	19	4
2412-3	Clamp - Hose	5	14	4	302-5	Grease Fitting	45	13	1
2412-3	Hose - Clamp	44	9	1	302-10	Fitting - Grease	61	3	1
2412-4	Clamp	1	27	3	302-10	Grease Fitting	9	10	1
2412-4	Clamp	15	23	1	302-10	Grease Fitting	29	31	1
2412-6	Clamp	15	17	2	302-11	Fitting - Grease	18	36	1
2412-31	Clamp - Bodine	29	6	1	302-11	Fitting - Grease	47	41	2
2412-34	Clamp - Hose	21	36	2	302-11	Fitting - Grease	50	41	2
2412-36	Clamp	12	24	2	302-11	Fitting - Grease	53	27	4
2412-36	Clamp Hose	25	16	1	302-11	Fitting - Grease	55	27	4
2412-39	Clamp	5	40	1	302-33	Grease Fitting	45	28	2
2412-39	R-Clamp	15	25	2	302-40	Fitting - Grease	48	49	2
2412-42	Hose Clamp	44	11	1	302-40	Fitting - Grease	51	49	2
2412-61	Clip - Tinnerman	1	25	2	302-40	Fitting - Grease	53	35	2
2412-74	Clamp	2	35	1	302-40	Fitting - Grease	55	35	2
2412-79	Clamp	15	14	1	302-52	Fitting - Grease	46	28	3
2412-79	Clamp	29	15	1	302-52	Fitting - Grease	49	50	1
2412-79	Clamp - Hose	36	34	8	302-52	Fitting - Grease	52	21	3
2412-108	Clamp - Hose	25	28	2	302-52	Fitting - Grease	54	41	1
2412-108	Clamp - Worm Drive	29	14	1	302-55	Fitting - Grease	26	2	2
2412-108	Hose Clamp	7	1	5	302-55	Grease Fitting	27	1	2
2412-127	Clamp	5	6	4	302-58	Fitting - Grease	10	61	1
2412-133	R-Clamp	8	3	2	304-46	Drain Cock	5	25	1
251-8	Ball Bearing	23	46	1	304-73	Fitting - Straight Barb	25	23	1
251-234	Lock Collar	9	41	2	304-73	Hose Barb	7	19	1
251-252	Ball Bearing	9	40	2	304-75	Fitting - 90° Barb	25	20	1
251-252	Ball Bearing	29	33	1	304-96	90° Hose Barb	7	2	1
251-259	Ball Bearing	21	5	1	321-2	Screw - Cap Hex. Hd.	8	15	2
252-82	Needle Bearing	23	23	2	321-2	Screw - Cap Hex. Hd.	9	4	1
253-129	Closure	18	31	2	321-2	Screw - Cap Hex. Hd.	21	26	2
253-138	Oil Seal	52	15	9	321-3	Screw - Cap Hex. Hd.	31	36	4
253-138	Seal - Oil	46	18	9	321-4	Screw - Cap Hex. Hd.	3	30	2
253-138	Seal - Oil	49	18	6	321-4	Screw - Cap Hex. Hd.	5	5	2
253-138	Seal - Oil	54	15	6	321-4	Screw - Cap Hex. Hd.	7	4	2
253-154	Seal - Oil	49	49	3	321-4	Screw - Cap Hex. Hd.	21	27	2
253-154	Seal - Oil	54	40	3	321-4	Screw - Cap Hex. Hd.	29	7	1
254-65	Cone - Tapered Bearing	16	28	2	321-6	Screw - Cap Hex. Hd.	21	47	2
254-66	Cup - Tapered Bearing	16	27	2	321-6	Screw - Cap Hex. Hd.	3	44	1
254-72	Cup - Bearing	18	29	4	321-6	Screw - Cap Hex. Hd.	7	12	2
254-90	Bearing Cup	16	24	1	321-6	Screw - Cap Hex. Hd.	15	20	1
254-91	Bearing Cone	16	23	1	321-23	Screw - Cap Hex. Hd.	25	14	5
254-94	Cone - Bearing	18	28	4	322-2	Screw - Cap Hex. Hd.	8	21	2
256-10	Bushing	11	43	4	322-3	Screw - Cap Hex. Hd.	15	26	2
256-113	Bushing - Flange	9	47	4	322-3	Screw - Cap Hex. Hd.	68	11	4
256-121	Bushing - Thrust	18	34	2	322-4	Screw - Cap Hex. Hd.	12	43	1
256-126	Bushing	45	16	6	322-4	Screw - Cap Hex. Hd.	23	37	4
256-156	Bushing	11	6	5	322-4	Screw - Cap Hex. Hd.	69	16	4
256-242	Bushing	18	41	2	322-4	Screw - Cap Hex. Hd.	70	12	4
281-1	Plug - Taper	36	16	1	322-4	Screw - Cap. Hex Hd.	46	45	2
283-8	Clevis Pin	9	26	1	322-4	Screw - Cap. Hex Hd.	49	45	2
283-10	Pin	45	40	3	322-5	Screw - Cap Hex. Hd.	1	34	1
283-17	Pin	25	26	1	322-5	Screw - Cap Hex. Hd.	3	29	2
283-23	Pin - Clevis	57	3	2	322-6	Screw - Cap Hex. Hd.	5	43	1
283-42	Clevis Pin	9	7	1	322-6	Screw - Cap Hex. Hd.	21	21	6
283-58	Clevis Pin	11	14	2	322-8	Screw - Cap Hex. Hd.	21	25	2
283-76	Pin - Lynch	6	60	1	322-9	Screw - Cap Hex. Hd.	10	65	2
285-17	Pipe Plug	23	12	6	322-10	Screw - Cap Hex. Hd.	44	13	4
285-17	Plug	49	28	4	322-10	Screw - Cap Hex. Hd.	69	4	1
285-17	Plug	54	21	4	322-17	Screw - Cap Hex. Hd.	21	8	1
289-37	Pipe Nipple	15	40	1	323-4	Screw - Cap Hex Hd.	47	4	4
2811-9	Street Elbow	15	39	1	323-4	Screw - Cap Hex Hd.	50	4	4
302-2	Grease Fitting	9	39	1	323-4	Screw - Cap Hex Hd.	53	46	4
302-2	Grease Fitting	45	34	2	323-4	Screw - Cap Hex Hd.	56	46	4
302-5	Fitting - Graese	49	48	3	323-6	Screw - Cap Hex Hd.	18	46	1
302-5	Fitting - Grease	11	44	2	323-6	Screw - Cap Hex. Hd.	12	27	2
302-5	Fitting - Grease	18	19	3	323-7	Capscrew	21	39	2

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
323-7	Screw - Cap Hex. Hd.	57 5 2	3220-2	Nut - Jam	67 6 2
323-12	Screw - Cap Hex. Hd.	46 37 1	3220-2	Nut - Jam	69 8 2
323-12	Screw - Cap Hex. Hd.	49 37 1	3220-2	Nut - Jam	70 5 2
323-12	Screw - Cap Hex. Hd.	52 31 1	3220-3	Nut - Jam	11 27 1
323-12	Screw - Cap Hex. Hd.	54 31 1	3220-3	Nut - Jam	18 43 8
323-13	Screw - Cap Hex. Hd.	11 32 2	3220-5	Nut - Jam	11 46 1
323-13	Screw - Cap Hex. Hd.	23 3 4	3220-5	Nut - Jam R.H. Thd.	18 40 2
323-14	Screw - Cap Hex. Hd.	5 32 3	3220-6	Nut	13 27 1
323-14	Screw - Cap Hex. Hd.	64 1 4	3220-12	Nut - Jam L.H. Thd.	18 * 2
324-4	Screw - Cap Hex. Hd.	45 19 2	3229-1	Bolt - Carriage	2 38 5
324-11	Screw - Cap Hex. Hd.	31 27 2	3230-2	Bolt - Carriage	15 29 3
324-12	Screw - Cap Hex Hd.	47 2 4	3231-21	Bolt - Carriage	11 31 2
324-12	Screw - Cap Hex Hd.	50 2 4	3231-22	Bolt - Carriage	52 7 2
324-12	Screw - Cap Hex. Hd.	29 38 2	3231-22	Bolt - Carriage	54 7 2
324-12	Screw - Cap Hex. Hd.	45 22 2	3231-26	Bolt - Carriage	48 55 4
324-12	Screw - Cap Hex. Hd.	53 1 4	3231-26	Bolt - Carriage	51 55 4
324-12	Screw - Cap Hex. Hd.	55 1 4	3231-26	Bolt - Carriage	53 42 4
324-23	Srew - Cap Hex. Hd.	16 11 4	3231-26	Bolt - Carriage	55 42 4
325-4	Screw - Cap Hex. Hd.	64 13 2	3231-27	Bolt - Carriage	46 9 6
325-6	Screw - Cap Hex. Hd.	63 1 2	3231-27	Bolt - Carriage	47 19 2
325-6	Screw - Cap Hex. Hd.	65 5 1	3231-27	Bolt - Carriage	49 9 6
325-14	Screw - Cap Hex Hd.	47 29 4	3231-27	Bolt - Carriage	50 19 2
325-14	Screw - Cap Hex Hd.	50 29 4	3231-29	Bolt - Carriage	46 6 2
325-14	Screw - Cap Hex. Hd.	53 8 2	3231-29	Bolt - Carriage	49 6 2
325-14	Screw - Cap Hex. Hd.	55 8 2	3231-29	Bolt - Carriage	52 32 2
325-14	Screw - Cap Hex. Hd.	63 4 4	3231-29	Bolt - Carriage	54 32 2
325-14	Screw - Cap Hex. Hd.	71 3 8	3233-2	Bolt - Carriage	48 46 12
325-17	Screw - Cap Hex. Hd.	46 35 2	3233-2	Bolt - Carriage	51 46 12
325-17	Screw - Cap Hex. Hd.	49 35 2	3233-2	Bolt - Carriage	53 30 12
325-18	Screw - Cap Hex Hd.	47 37 2	3233-2	Bolt - Carriage	55 30 12
325-18	Screw - Cap Hex Hd.	50 37 2	3233-2	Bolt - Carriage	65 11 10
325-18	Screw - Cap Hex Hd.	53 23 2	3233-14	Bolt - Carriage	31 9 1
325-18	Screw - Cap Hex Hd.	55 23 2	3234-1	Screw - Flange Hex. Hd.	5 18 2
325-22	Screw - Cap ,Hex Hd.	55 33 2	3234-1	Screw - Hex. Hd. Flange	46 13 24
325-22	Screw - Cap Hex Hd.	48 47 2	3234-1	Screw - Hex. Hd. Flange	49 13 24
325-22	Screw - Cap Hex Hd.	51 47 2	3234-1	Screw - Hex. Hd. Flange	52 27 20
325-22	Screw - Cap Hex Hd.	53 33 2	3234-1	Screw - Hex. Hd. Flange	54 27 20
325-22	Screw - Cap Hex. Hd.	64 17 2	3234-1	Screw - Hex. Hd. Flange	60 3 12
328-25	Screw - Cap Hex Hd.	18 11 2	3234-1	Screw -Hex. Hd. Flange	59 2 4
329-7	Screw - Cap Hex. Hd.	29 53 1	3234-5	Screw - Cap Hex. Hd. Fl.	66 9 4
3210-7	Screw - Cap Hex. Hd.	16 19 8	3234-11	Screw - Cap Hex. Hd.	11 39 3
3210-7	Screw - Cap Hex. Hd.	21 6 1	3234-11	Screw - Cap Hex. Hd.	29 45 4
3217-5	Nut	29 50 1	3234-11	Screw - Cap Hex. Hd.	31 31 4
3217-6	Nut	44 2 2	3234-11	Screw - Flange	5 39 2
3217-6	Nut	69 15 4	3234-11	Screw - Flange Lock	1 28 5
3217-6	Nut	70 11 4	3234-11	Screw - Hex. Hd. Flange	46 1 4
3217-6	Nut - Hex	3 32 2	3234-11	Screw - Hex. Hd. Flange	49 1 4
3217-6	Nut - Hex.	1 7 2	3234-11	Screw - Hex. Hd. Flange	52 1 4
3217-6	Nut - Hex.	61 9 4	3234-11	Screw - Hex. Hd. Flange	54 1 4
3217-6	Nut - Hex.	66 8 4	3234-11	Screw - Hex. Hd. Flange	60 1 1
3217-7	Nut - Hex	11 28 2	3234-11	Screw w/Locking Flange	8 13 6
3217-7	Nut - Hex.	64 5 4	3234-12	Screw - Hex. Hd. Flange	1 6 4
3217-8	Nut -Full	45 8 2	3234-12	Screw - Lock Flange	31 33 2
3217-9	Nut	19 50 2	3234-14	Screw - Cap Hex Hd.	18 2 2
3217-9	Nut - Hex.	63 6 4	3234-14	Screw - Cap Hex. Hd.	2 44 2
3217-9	Nut - Hex.	64 10 2	3234-14	Screw - Cap Hex. Hd.	8 6 5
3217-9	Nut - Hex.	65 9 10	3234-14	Screw - Flange Hex. Hd.	5 16 11
3217-16	Nut - Hex.	21 48 2	3234-17	Screw - Cap Hex. Hd.	8 16 6
3217-26	Nut	3 37 1	3234-17	Screw - Cap Hex. Hd.	12 8 2
3218-5	Nut	71 1 8	3234-18	Screw - Cap Hex. Hd.	30 60 1
3218-5	Nut - Jam	11 3 2	3234-25	Screw - Cap Flange Hd.	2 50 4
3218-5	Nut - Jam	65 6 1	3234-32	Screw - w/Locking Flange	8 11 2
3218-7	Nut - Jam	12 42 1	3241-5	Screw - Set Sq. Hd.	21 16 2
3219-1	Nut	29 2 5	3245-1	Screw - Set Socket Head	29 36 2
3219-2	Nut	16 1 8	3245-1	Set Screw	9 46 2
3219-2	Nut - Hex	21 9 1	3246-3	Set Screw	9 29 4
3219-3	Nut	9 33 1	3247-4	Screw - Set	48 54 2
3219-7	Nut	9 16 1	3247-4	Screw - Set	51 54 2
3219-14	Nut	3 1 6	3247-4	Screw - Set	53 40 2
3219-14	Nut	15 10 1	3247-4	Screw - Set	55 40 2

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3249-11	Screw - Mach. Rd. Hd.	21	1	2	3256-64	Washer - Flat	29	25	4
3250-17	Screw - Pan Hd.	3	22	2	3257-5	Key - Woodruff	47	12	1
3253-3	Washer - Lock	15	5	2	3257-5	Key - Woodruff	50	12	1
3253-3	Washer - Lock	29	51	3	3257-5	Key - Woodruff	53	12	1
3253-3	Washer - Lock	31	35	4	3257-5	Key - Woodruff	55	12	1
3253-4	Washer - Lock	1	8	2	3257-5	Woodruff Key	9	11	3
3253-4	Washer - Lock	21	24	2	3257-30	Key - Woodruff	31	3	2
3253-4	Washer - Lock	29	47	2	3257-32	Woodruff Key	21	15	1
3253-4	Washer - Lock	31	21	5	3257-32	Woodruff Key	23	21	1
3253-4	Washer - Lock	61	8	4	3257-33	Key Woodruff	29	30	1
3253-4	Washer - Lock	66	7	4	3258-19	Screw - Mach. Rd. Hd.	44	16	2
3253-4	Washer - Lock	68	10	4	3269-5	Rivet - Pop	47	45	4
3253-6	Washer - Lock	45	7	2	3269-5	Rivet - Pop	50	45	4
3253-7	Washer - Lock	63	2	6	3269-5	Rivet - Pop	56	52	4
3253-7	Washer - Lock	64	11	4	3269-10	Washer - Backup	5	10	2
3253-7	Washer - Lock	65	10	10	3272-5	Cotter Pin	11	7	3
3253-7	Washer - Lock	71	2	8	3272-6	Cotter Pin	11	21	6
3253-17	Washer - Lock	3	3	6	3272-6	Cotter Pin	25	8	1
3253-17	Washer - Lock	15	9	1	3272-10	Cotter Pin	9	8	1
3253-21	Washer - Lock	10	55	4	3272-10	Cotter Pin	22	54	1
3253-21	Washer - Lock	11	29	4	3272-10	Cotter Pin	45	38	3
3253-21	Washer - Lock	15	38	2	3272-11	Cotter Pin	9	28	1
3253-21	Washer - Lock	18	47	1	3272-11	Cotter Pin	45	2	2
3253-21	Washer - Lock	21	40	2	3272-11	Cotter Pin	54	36	2
3253-21	Washer - Lock	46	38	1	3272-11	Pin - Cotter	52	36	2
3253-21	Washer - Lock	47	6	4	3272-13	Pin - Cotter	18	26	2
3253-21	Washer - Lock	50	6	4	3272-16	Cotter Pin	31	14	2
3253-21	Washer - Lock	52	30	1	3272-22	Cotter Pin	9	17	2
3253-21	Washer - Lock	64	4	4	3272-24	Cotter Pin	45	10	1
3253-24	Washer - Lock	67	7	1	3272-33	Cotter Pin	45	17	1
3253-24	Washer - Lock	69	9	5	3274-47	Screw - Flat Hd. Socket	11	33	1
3253-24	Washer - Lock	70	6	5	3274-69	Screw - Socket Hd.	6	57	6
3254-1	Washer - Lock	3	38	1	3290-134	Screw - Hex. Hd. Mach.	3	4	2
3254-2	Washer - Lock I.T.L.W.	2	51	1	3290-144	Screw - Machine	1	17	6
3254-2	Washer - Lock Int. Tooth	29	18	2	3290-224	Washer - Lock	30	59	1
3254-2	Washer - Lock I.T.L.W.	3	24	6	3290-243	Lynch Pin	65	3	2
3254-7	Washer - Lock	9	15	1	3290-271	Rivet	5	11	4
3254-9	Washer - Lock	21	49	2	3290-322	Pin - Cotter Hair	57	1	2
3255-7	Washer - Lock E.T.L.W.	3	31	3	3290-357	Nut - Flange	46	11	6
3255-7	Washer - Lock	21	50	3	3290-357	Nut - Flange	47	17	4
3255-7	Washer - Lock Ext. Tooth	7	21	2	3290-357	Nut - Flange	49	11	6
3255-8	Washer - Lock	16	2	8	3290-357	Nut - Flange	50	17	4
3255-9	Washer - Lock E.T.L.W.	30	61	1	3290-357	Nut - Flange	52	9	2
3256-1	Washer - Flat	3	45	1	3290-357	Nut - Flange	54	9	2
3256-2	Washer - Flat	68	9	8	3290-357	Nut - Flange Lock	1	26	5
3256-3	Washer - Flat	12	28	4	3290-357	Nut - Lock Flange	8	14	6
3256-3	Washer - Flat	21	23	4	3290-357	Nut - Lock Flange	29	43	7
3256-6	Washer - Flat	9	20	1	3290-357	Nut - Lock Flange	31	7	8
3256-6	Washer - Flat	19	49	2	3290-378	Cable Tie	1	23	2
3256-6	Washer - Flat	22	53	1	3290-378	Cable Tie	7	8 A/R	
3256-6	Washer - Flat	47	38	8	3290-379	Cable Tie	3	41	1
3256-6	Washer - Flat	50	38	8	3290-379	Cable Tie	29	16	1
3256-6	Washer - Flat	53	24	8	3290-379	Tie - Cable	5	31	4
3256-6	Washer - Flat	55	24	8	3290-379	Tie - Cable	12	16	3
3256-14	Washer - Flat	3	35	1	3290-384	Pin - Lynch	47	30	4
3256-22	Washer - Flat	11	8	1	3290-384	Pin - Lynch	50	30	4
3256-22	Washer - Flat	29	8	1	3290-384	Pin - Lynch - Safety Type	53	16	4
3256-23	Washer - Flat	8	9	1	3290-384	Pin - Lynch - Safety Type	55	16	4
3256-23	Washer - Flat	8	22	2	3290-424	Screw - Hex. Hd. Mach.	3	28	1
3256-24	Washer	46	33 A/R		3290-469	Nut - Grip	47	23	4
3256-24	Washer	49	33 A/R		3290-469	Nut - Grip	50	23	4
3256-24	Washer	54	26 A/R		3290-469	Nut - Grip	56	49	4
3256-24	Washer - Flat	52	26 A/R		3296-2	Nut	1	14	6
3256-25	Washer - Flat	45	6	1	3296-4	Nut - Lock	12	30	4
3256-26	Washer - Flat	11	40	1	3296-6	Nut - Lock	9	34	1
3256-26	Washer - Flat	63	5	8	3296-20	Nut - Lock	15	22	2
3256-28	Washer - Flat	9	14	4	3296-20	Nut - Lock	29	5	1
3256-28	Washer - Flat	18	27	2	3296-28	Nut - Lock	9	27	1
3256-41	Washer - Flat	9	36	3	3296-29	Nut - Lock	10	64	2
3256-46	Washer - Flat	12	26	2	3296-29	Nut - Lock	12	36	2

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3296-29	Nut - Lock	68 17 4	32128-23	Nut - Lock Flange	31 16 1
3296-42	Nut - Lock	8 19 1	32128-23	Nut - Lock Flange	46 22 2
3296-42	Nut - Lock	9 5 1	32128-23	Nut - Lock Flange	47 26 8
3296-42	Nut - Lock	21 10 6	32128-23	Nut - Lock Flange	49 22 2
3296-42	Nut - Lock	25 10 5	32128-23	Nut - Lock Flange	50 26 8
3296-49	Nut	46 15 3	32128-23	Nut - Lock Flange	53 10 6
3296-49	Nut	49 15 3	32128-23	Nut - Lock Flange	55 10 6
3296-49	Nut	54 12 3	32128-25	Nut - Lock Flange	46 39 2
3296-49	Nut - Lock	52 12 3	32128-25	Nut - Lock Flange	49 39 2
3296-59	Nut - Lock	47 24 4	32128-25	Nut - Lock Flange Hd.	68 21 4
3296-59	Nut - Lock	50 24 4	32128-32	Nut - Flange	5 9 8
3296-59	Nut - Lock	56 53 4	32128-33	Nut - Lock Flange	2 39 5
32103-2	Nut - Wing	1 11 3	32128-37	Nut - Lock Flange	29 44 2
32103-2	Nut - Wing	5 51 2	32128-37	Nut - Lock Flange	31 23 2
32104-6	Screw - Hex. Hd. Tapping	10 56 4	32128-42	Nut - Flange	47 20 4
32104-6	Screw - Self Tapping	15 1 2	32128-42	Nut - Flange	50 20 4
32104-82	Screw - Cap Self Tapping	53 14 14	32128-42	Nut - Flange	53 32 4
32104-82	Screw - Cap Self Tapping	55 14 2	32128-42	Nut - Flange	55 32 4
32104-82	Screw - Cap Self-Tapping	47 18 2	32128-42	Nut - Flange Lock	45 27 4
32104-82	Screw - Cap Self-Tapping	50 18 2	32128-45	Nut - Lock	18 37 2
32104-116	Screw - Self Tapping	5 20 8	32128-49	Nut - Flange	47 22 12
32107-11	Nut	44 14 2	32128-49	Nut - Flange	50 22 12
32111-8	Nut - Acorn	5 8 2	32128-49	Nut - Flange	53 31 12
32120-8	Retaining Ring	23 1 1	32128-49	Nut - Flange	55 31 12
32120-11	Retaining Ring	23 47 1	32136-2	Nut	45 3 2
32120-15	Retaining Ring	23 45 1	32136-3	Nut - Hex. Slotted	31 13 2
32120-22	Ring - Retaining	9 42 2	32136-5	Nut - Slotted	18 25 2
32120-22	Ring - Retaining Internal	29 34 1	32144-10	Screw - Hex. Hd. Thd. Form	12 6 6
32120-69	Ring - Retaining External	29 35 1	32144-10	Screw - Self Tapping	25 4 2
32120-72	Ring - Retaining External	21 43 1	32144-10	Screw - Self-Tapping	2 45 11
32121-4	Pin - Spring	69 11 1	32144-10	Screw - Thd. Forming	19 52 2
32121-4	Pin - Spring	70 8 1	32144-21	Screw	12 45 1
32121-4	Spring Pin	67 9 1	32144-53	Screw - Thread Forming	15 11 5
32121-6	Pin - Roll	11 24 1	32144-67	Screw - Cap Thd. Forming	15 36 4
32121-6	Pin - Roll	21 11 1	32146-5	Nut - Flange Hd.	69 13 1
32121-6	Pin - Spring	69 14 1	32146-20	Nut - Lock	18 9 1
32121-6	Pin - Spring	70 10 1	32149-2	Nut	7 9 2
32121-6	Spring Pin	67 11 1	32149-2	Nut	7 22 2
32121-9	Pin - Roll	9 49 1	32149-2	Nut	11 37 1
32121-24	Pin - Roll	22 55 1	32149-2	Nut - Lock	3 33 3
32121-34	Pin - Roll	9 45 2	32151-36	Ring - Retaining	18 12 3
32121-73	Pin - Slotted Spring	25 9 1	32151-46	Retaining Ring	23 27 2
32121-84	Roll Pin	45 25 2	32152-1	Nut - Lock	21 19 8
32121-91	Pin - Coil ,Spring	23 49 3	32152-1	Nut - Lock Flange	29 12 1
32128-17	Nut - Lock Flange Hd.	3 26 3	32153-2	Nut - Hex.	12 11 2
32128-20	Nut - Flange	12 41 1	32153-2	Nut - Lock	11 30 2
32128-20	Nut - Flange	15 37 3	32153-2	Nut - Lock	30 57 1
32128-20	Nut - Flange	44 21 4	340-54	Fitting 45°	18 15 2
32128-20	Nut - Flange	57 8 4	340-70	Nut - Lock Bulkhead	5 34 2
32128-20	Nut - Lock Flange	2 37 1	340-71	Union - Bulkhead	5 33 2
32128-20	Screw - Flange Hex. Hd.	5 29 11	340-77	Elbow	21 12 1
32128-21	Nut - Flange	5 36 5	340-97	Fitting - 90°	25 25 1
32128-21	Nut - Flange	46 8 33	340-99	Elbow	21 13 1
32128-21	Nut - Flange	47 7 4	340-99	Fitting - 90° Elbow	25 12 1
32128-21	Nut - Flange	49 8 33	340-110	Elbow - 90°	25 24 1
32128-21	Nut - Flange	50 7 4	340-112	Elbow - 90°	25 18 1
32128-21	Nut - Flange	52 6 28	3434-32	Screw - Cap Hex Flange	18 7 4
32128-21	Nut - Flange	54 6 29	353-508	Plug - Drain	21 41 1
32128-21	Nut - Flange	57 9 2	353-512	Plug	25 1 1
32128-21	Nut - Flange	60 2 13	353-550	Plug - Hex. Hd.	23 19 2
32128-21	Nut - Flange Lock	1 5 10	353-551	Plug - Hex. Hd.	23 32 1
32128-21	Nut - Lock Flange	53 4 4	353-702	Hose Barb	7 18 1
32128-21	Nut - Lock Flange	55 4 4	353-975	Hose Barb	7 6 1
32128-23	Nut - Lock Flange	18 5 4	353-987	Elbow	21 35 1

*Not Illustrated

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Groundsmaster 325D 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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MAINTENANCE RECORD

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MAINTENANCE RECORD

[illegible]

MAINTENANCE RECORD

[illegible]

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Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

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