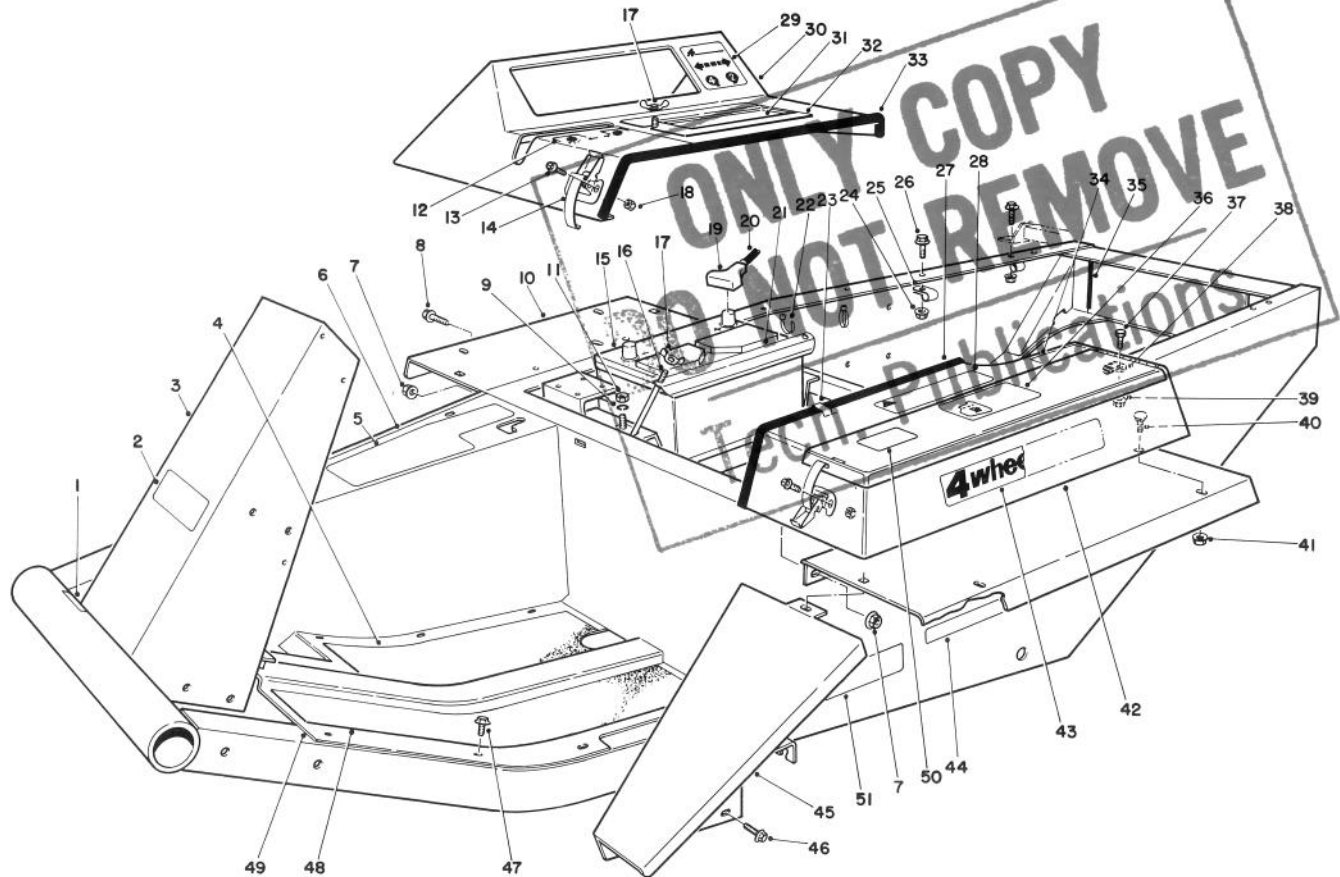


TORO®

MODEL NO. 30795-10169 & UP
 MODEL NO. 30722-10001 & UP
 MODEL NO. 30710-10001 & UP

**PARTS
 CATALOG**

GROUNDMASTER® 322D 4 WHEEL DRIVE
 (WITH POWER STEERING)



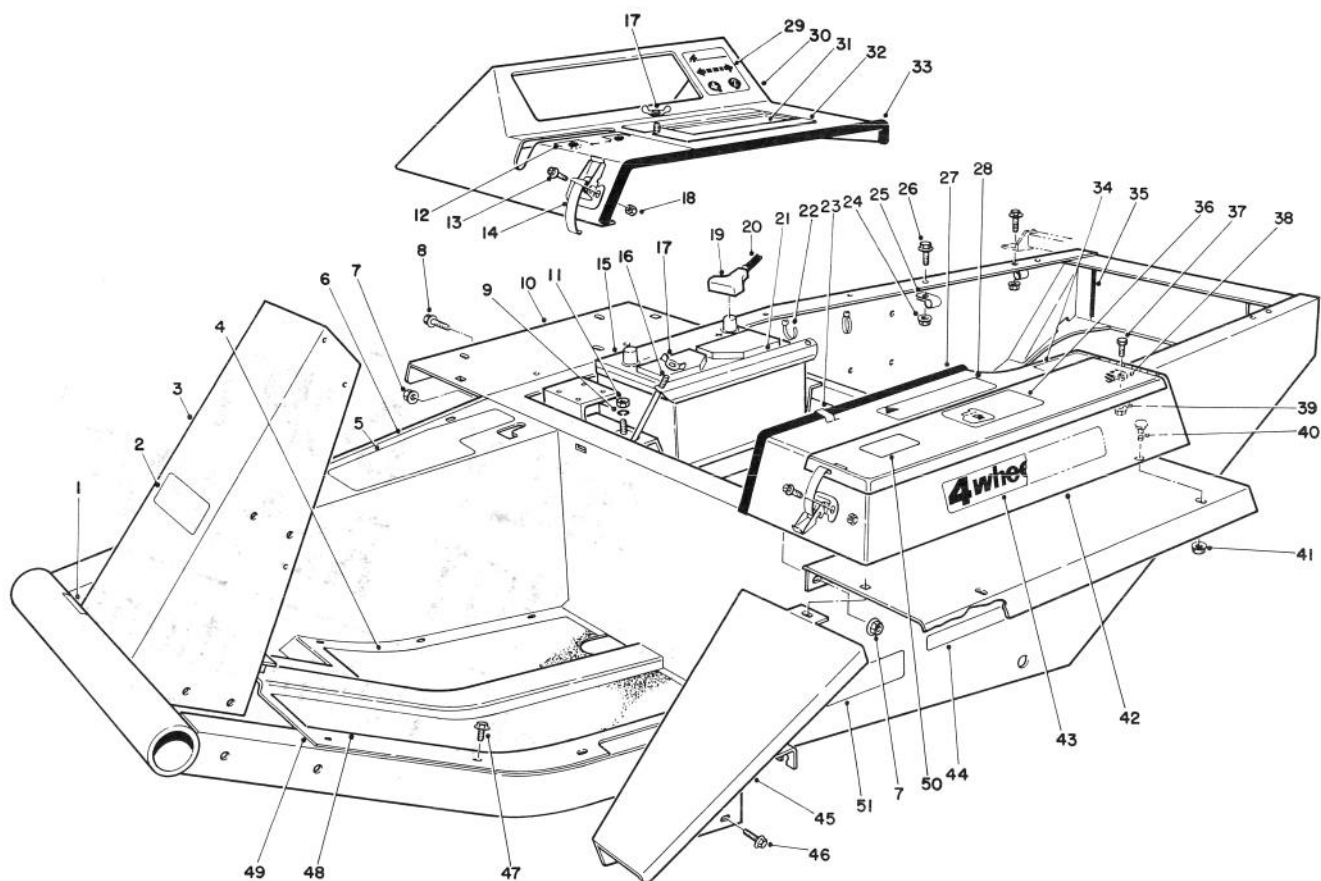
T-0910

MAIN FRAME ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
17	32103-2	Nut - Wing	3
18	3296-2	Nut - Lock	6
19	28-1280	Boot - Cable	1
20	70-1180	Cable - Battery, Positive (Incl. Ref.#19)	1
21	24-6420	Hold Down - Battery	1
22	3290-378	Tie - Cable	2
23	2412-61	Clip - Tinnermann	2
24	3290-357	Nut - Lock, Flange	5
25	2412-4	Clamp	3
26	3234-11	Screw - Cap, Locking Fl.	5
27	37-9650	Trim	1
28	67-1710	Decal - Caution	1
29	71-4860	Decal - 4 WD Control	1
30	38-4550	Cover - Instruments	1
31	43-4290	Decal - Instructions, Start.	1
32	24-9740	Cover - Access, Battery	1

† Includes Item #27, Page 24

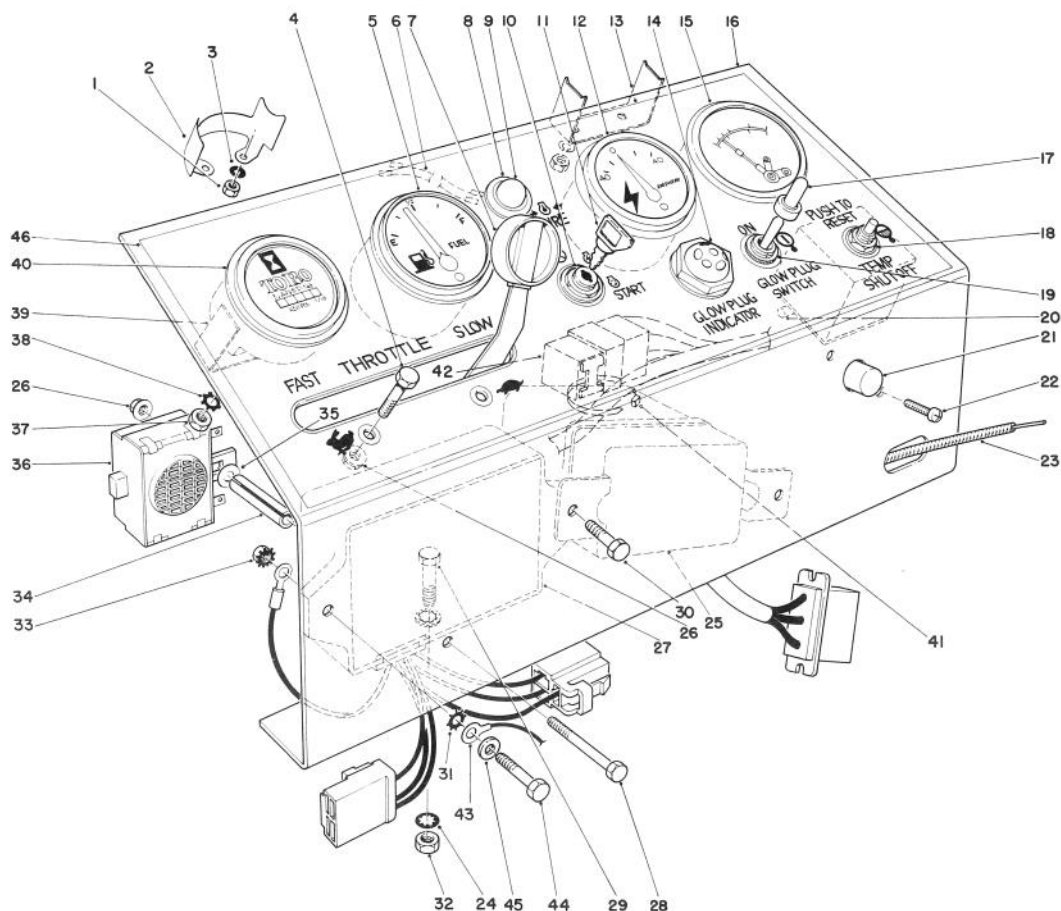


T-0910

MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
33	39-8020	Trim - Cover, Instruments	1
34	49-2280	Decal - Fuel, Diesel	1
35	43-4300	Trim - Frame, Rear	2
36	27-7310	Decal - Refueling	1
37	322-5	Screw - Cap, Hex. Hd.	1
38	2412-74	Clamp	1
39	32128-20	Nut - Lock, Flange	1
40	3229-1	Bolt - Carriage	5
41	32128-33	Nut - Lock, Flange	5
42	38-4530	Tool Box	1

Ref. No.	Part No.	Description	No. Used
43	72-3560	Decal - 4 WD	2
44	67-1720	Decal - Torque	2
45	68-8610	Fender - Extension	1
46	3234-14	Screw - Cap, Hex. Hd.	2
47	12-3270	Screw, Self-Tapping	11
48	21-2760	Pad - Foot Rest L.H.	1
49	77-3210	Plate - Floor	1
50	72-3700	Decal - Caution	2
51	75-0810	Decal - Caution	2



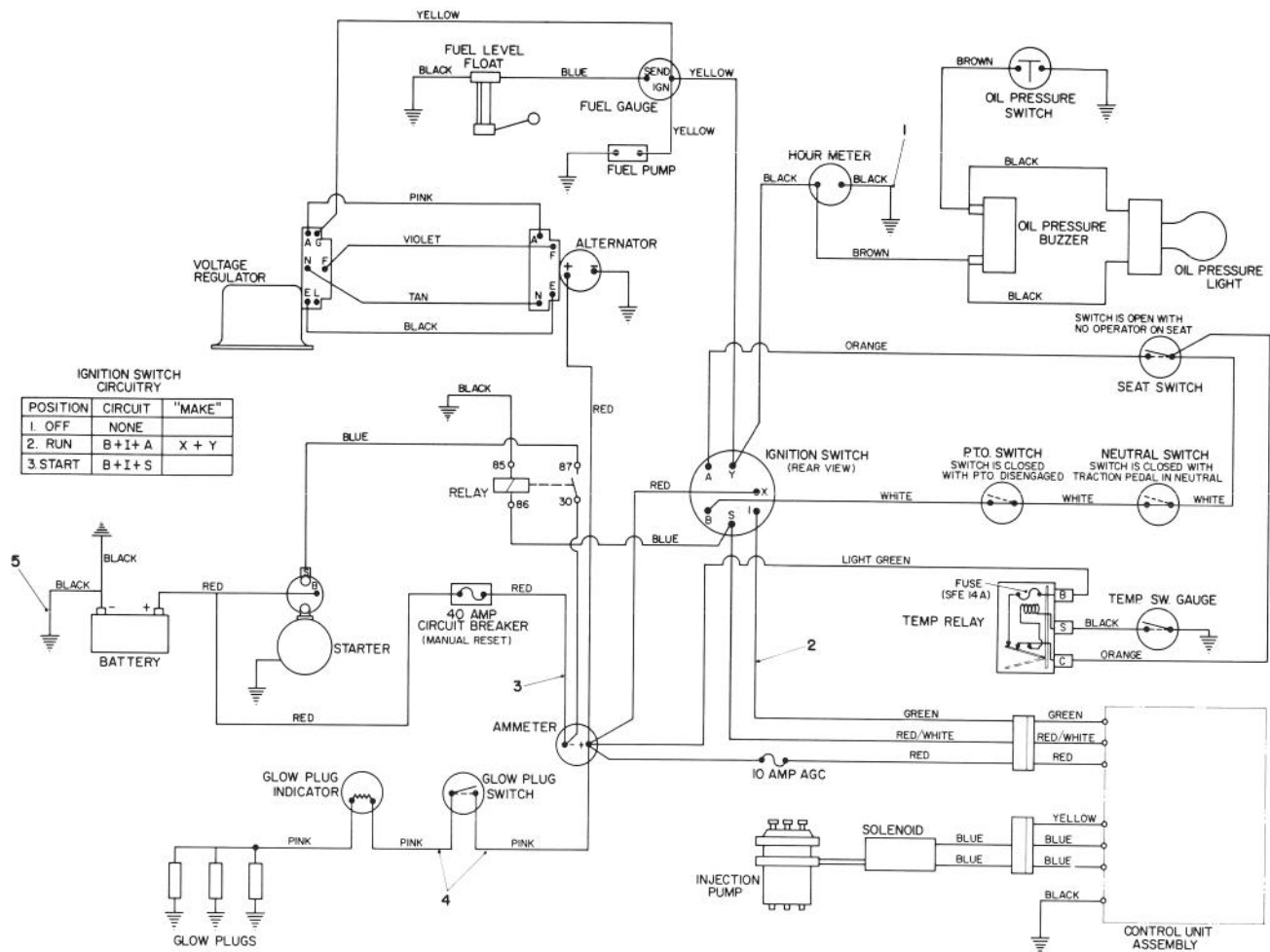
T-0408

INSTRUMENT PANEL ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
22	3250-17	Screw - Pan Hd.	2
23	43-3990	Throttle Control (Incl. Ref. #7)	1
24	3254-2	Washer - Lock, Int. Tooth	2
25	43-0410	Regulator Assembly	1
26	32128-17	Nut - Lock, Flange Hd.	3
27	43-1880	Control Unit Assembly	1
28	3290-424	Screw - Hex. Hd. Mach.	1
29	322-5	Screw - Cap, Hex. Hd.	2
30	321-4	Screw - Cap, Hex. Hd.	2
31	3255-7	Washer - Lock, Ext. Tooth	3
32	3217-6	Nut - Hex	2
33	32149-2	Nut - Lock	3
34	43-3820	Spacer	1
35	3256-14	Washer - Flat	1
36	22-7820	Buzzer Assembly	1
37	3217-26	Nut	1
38	3254-1	Washer - Lock	1
39	218-515	Mounting Bracket	1
40	12-9990	Hour Meter (Incl. Ref. #37-39)	1
41	3290-379	Cable Tie	1
42	63-7590	Relay	1
43	70-1190	Cable-Ground	1
44	321-6	Screw - Cap, Hex. Hd.	1
45	3256-1	Washer - Flat	1
46	43-3980	Decal - Panel, Instrument	1

†Obtain Locally

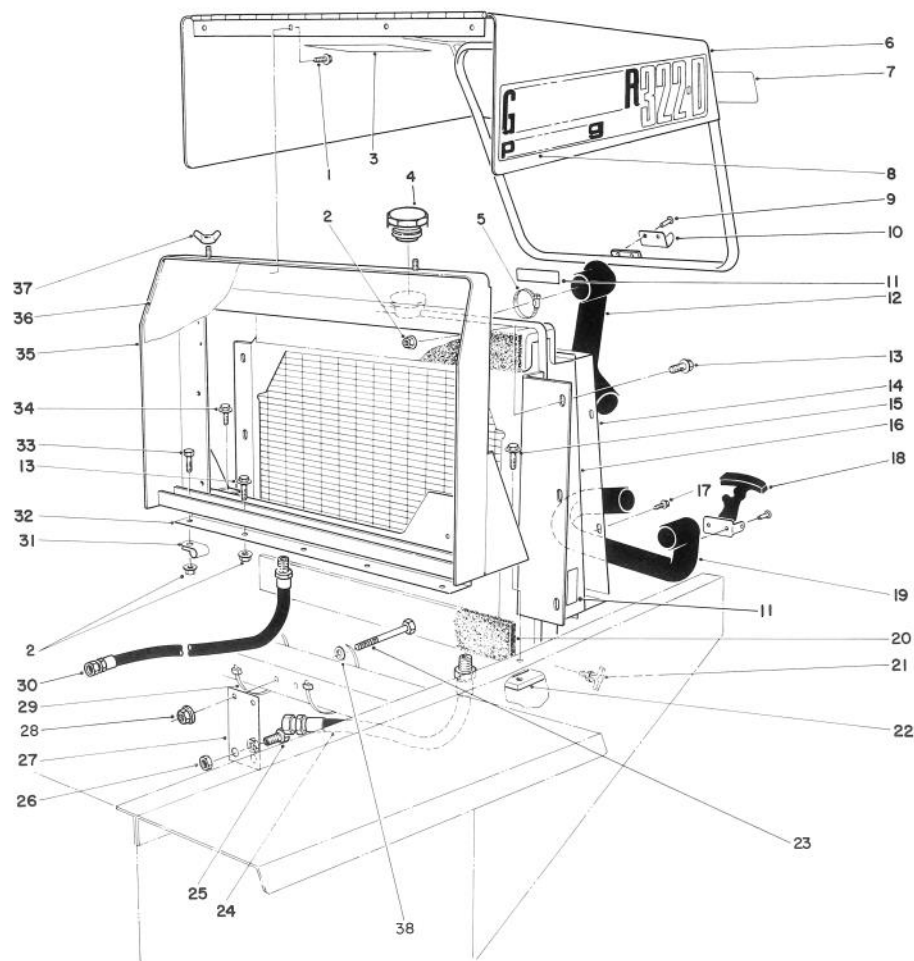


T-0409

ELECTRICAL SCHEMATIC

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

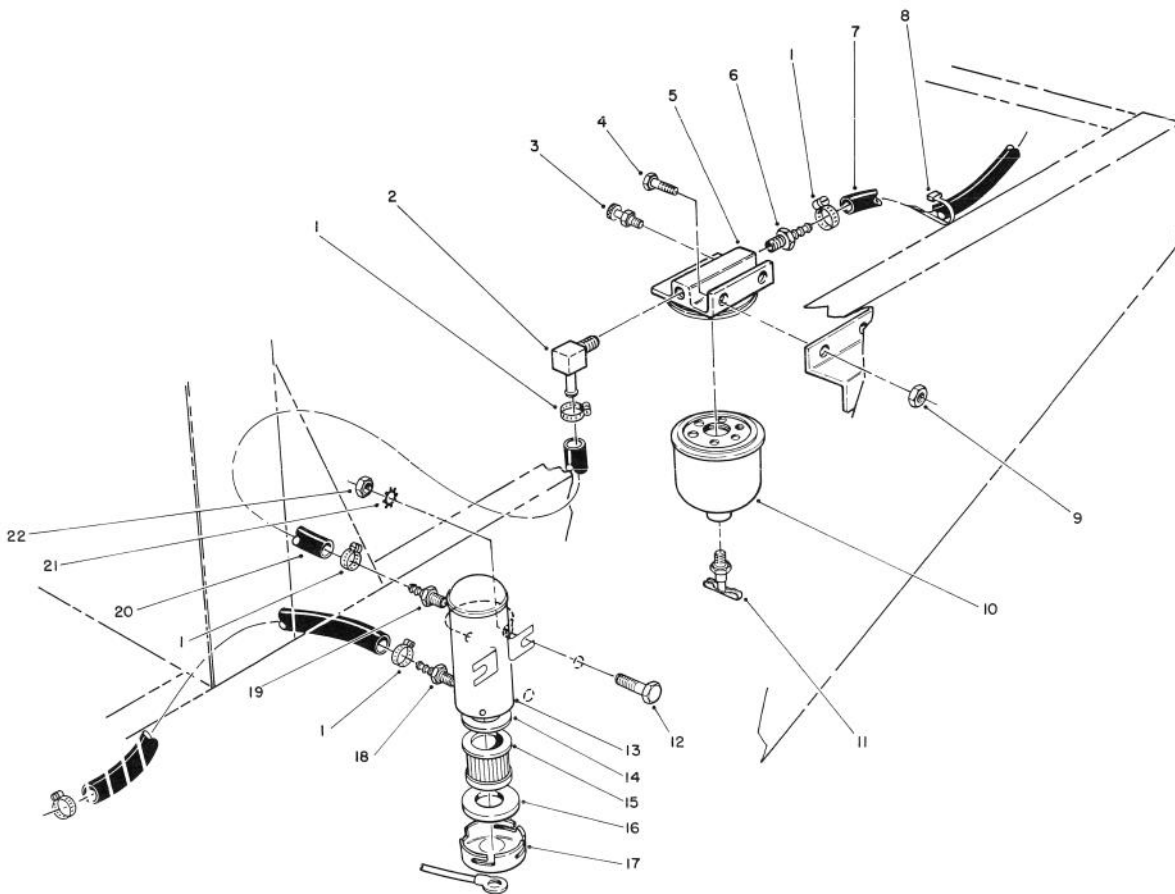
Ref. No.	Part No.	Description	No. Used
4	43-4010	Wire Assembly	2
5	70-1190	Ground Cable	1



T-0410

RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32144-10	Screw - Self-Tapping	4	21	304-46	Drain Cock	1
2	32128-20	Nut - Hex. Hd. Flange	11	22	38-4600	Bar - Frame L.H.	1
3	82-8970	Decal - Engine Coolant	1	23	323-14	Screw - Cap, Hex. Hd.	2
4	66-3240	Radiator Cap Assy.	1	24	63-9010	Hose Assembly (Cooler to Pump)	1
5	2412-3	Hose Clamp	4	25	340-71	Union - Bulkhead	2
6	12-5899	Hood	1	26	340-70	Nut - Lock, Bulkhead	2
7	66-6140	Decal - Toro	1	27	68-9160	Bracket	1
8	67-7760	Decal - 322-D	2	28	32128-21	Nut - Flange Hd.	2
9	3269-16	Rivet	4	29	3290-379	Cable Tie	4
10	249-40	Keeper	1	30	63-8960	Hose Assembly (Valve to Cooler)	1
11	77-3100	Decal -Warning	3	31	2412-39	Clamp	1
12	43-3350	Hose - Upper, Radiator	1	32	43-3340	Grille - Sealing Plate	1
13	3234-14	Screw - Hex, Flange Hd.	11	33	322-5	Screw - Cap, Hex. Hd.	1
14	43-3330	Radiator Shroud	1	34	11-0590	Screw - Cap, Self Tapping	2
15	3234-1	Screw - Cap, Locking Hex. Flange Hd.	2	35	82-8080	Radiator Support	1
16	33-2570	Radiator Assembly	1	36	67-9030	Grille	1
17	32104-116	Screw -Self Tapping	8	37	32103-2	Nut - Wing	2
18	249-39	Flexible Draw Latch	1	38	5-0838	Washer - Flat	3
19	43-7020	Hose - Lower, Radiator	1				
20	43-3320	Foam - Radiator	2				

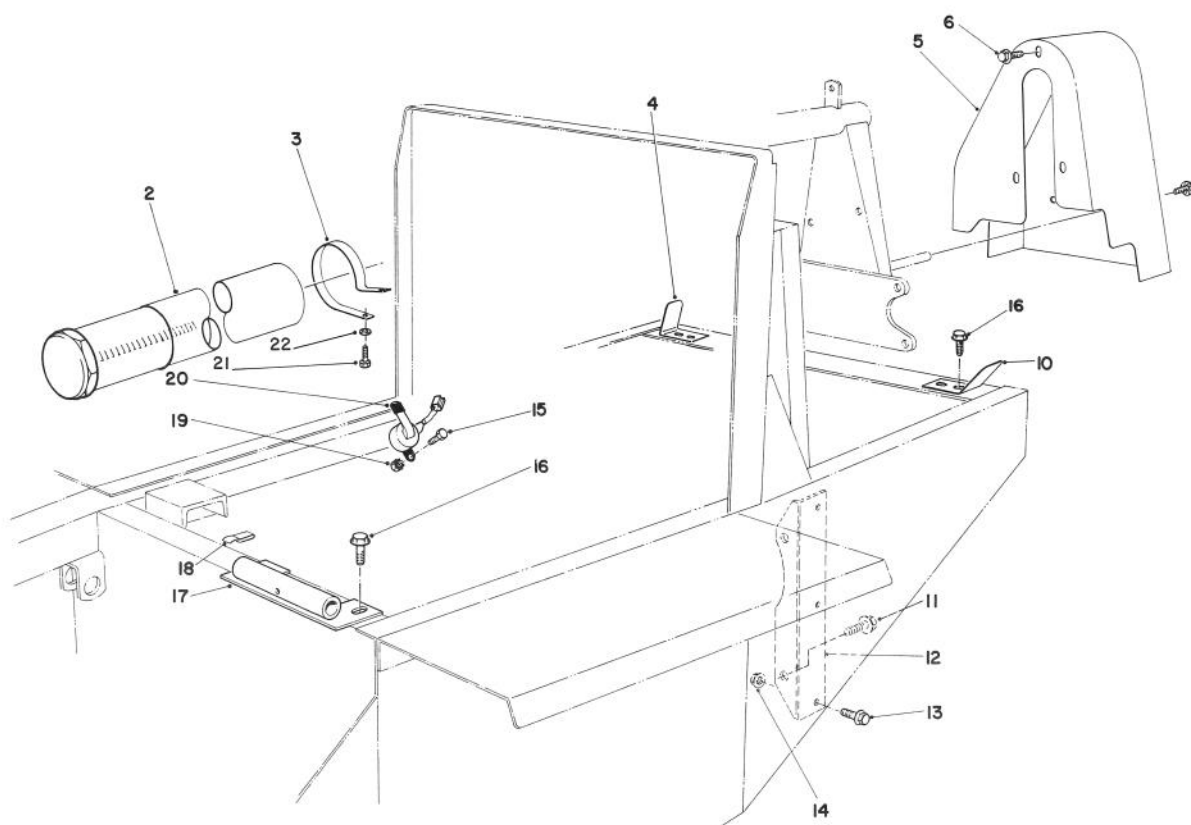


T-0411

FUEL FILTER ASSEMBLY

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

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

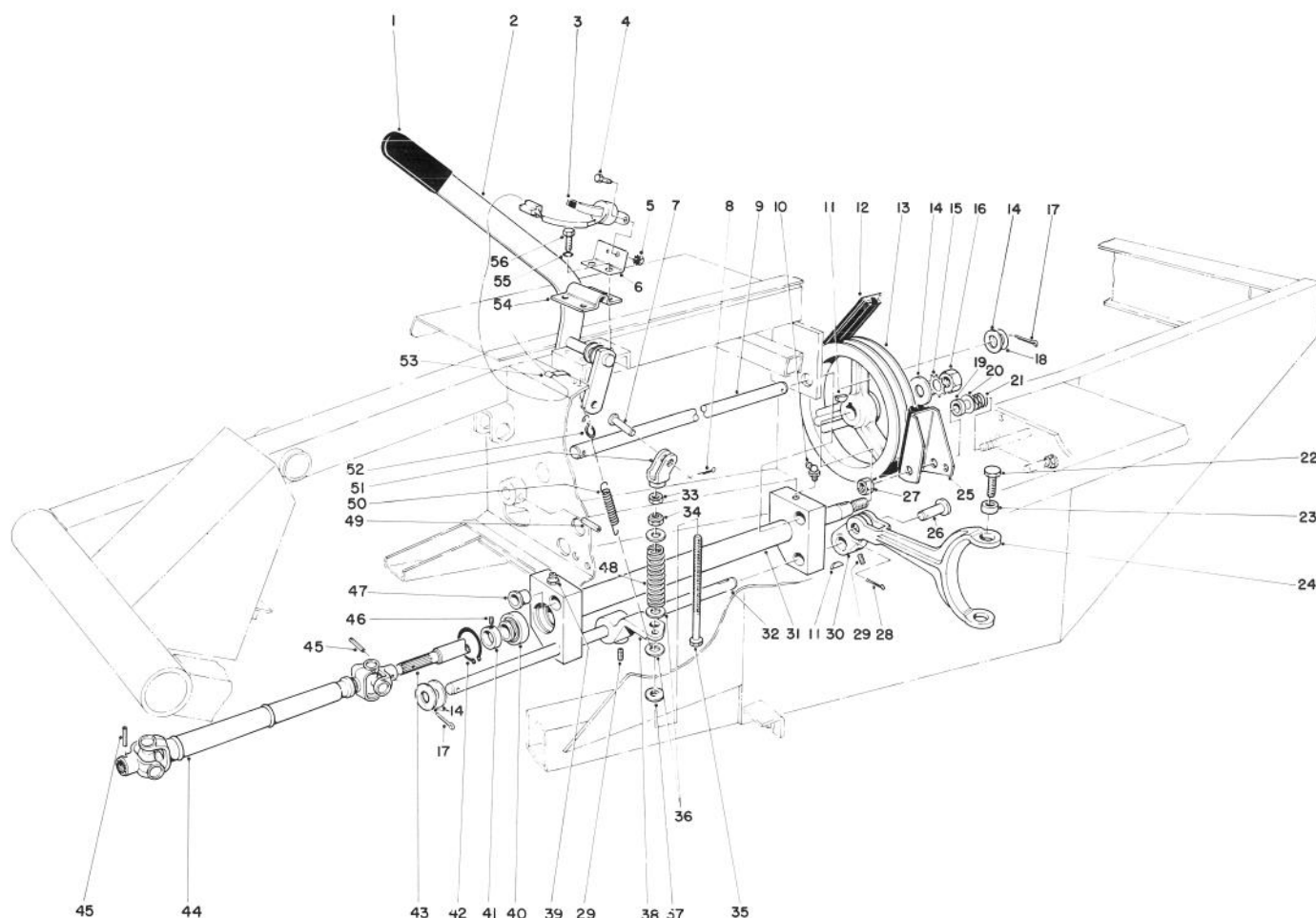


T-0412

INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	74-0720	Tube - Manual	1
3	2412-133	R-Clamp	2
4	67-8820	Bracket, R.H.	1
5	43-3900	Guard - Fan Belt	1
6	3234-14	Screw - Cap, Hex. Hd.	5
9	3256-23	Washer - Flat	1
10	67-8810	Bracket, L.H.	1
11	3234-32	Screw - w/Locking Flange	2
12	67-8190	Bracket - Engine Support	2
13	3234-11	Screw w/Locking Flange	6

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

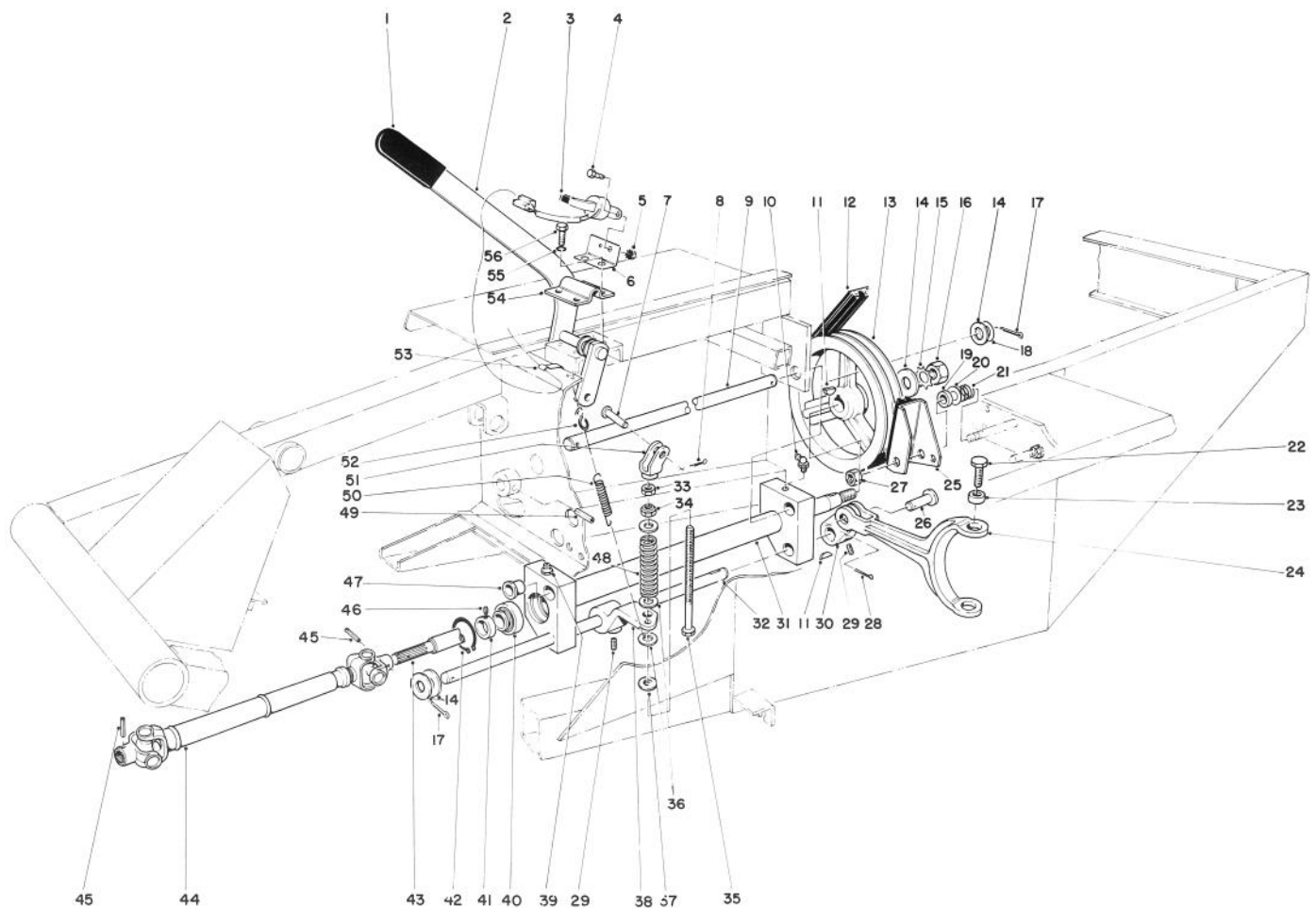


T-0413

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	Fitting -Fitting	1
11	3257-5	Key - Woodruff	3
12	53-9660	V-Belt Torque Team	1
13	21-0230	Pulley P.T.O.	1
14	3256-28	Washer - Flat	4
15	3254-7	Washer - Lock	1
16	3219-7	Nut - Hex.	1
17	3272-22	Pin - Cotter	2
18	3-6498	Washer	A/R
19	3-8812	Spacer	1
20	3256-6	Washer - Flat	1
21	5-1747	Spring	1
22	30-2120	Screw - Cap, Hex. Hd.	2
23	43-3800	Bushing - P.T.O. Fork	2
24	43-5610	Fork P.T.O.	1
25	27-7370	Brake Assembly P.T.O.	1
26	283-8	Clevis Pin	1

Ref. No.	Part No.	Description	No. Used
27	3296-28	Nut - Lock	1
28	3272-11	Pin - Cotter	1
29	3246-3	Screw - Set	4
30	43-5590	Arm - P.T.O.	1
31	43-5500	Pivot P.T.O.	1
32	43-5550	Shaft - 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	
41	251-234	Lock Collar (Incl. Ref. #41)	2
42	32120-22	Ring - Retaining (Incl. Ref. #46)	2
43	43-5540	Shaft P.T.O.	1
44	62-4260	Drive Shaft Assembly	1
45	32121-34	Pin - Roll	2
46	3245-1	Screw - Set	2
48	21-0400	Spring - Compression	1
49	32121-9	Pin - Roll	1
50	21-1830	Spring - Tension	1
51	43-5630	Yoke - P.T.O.	1

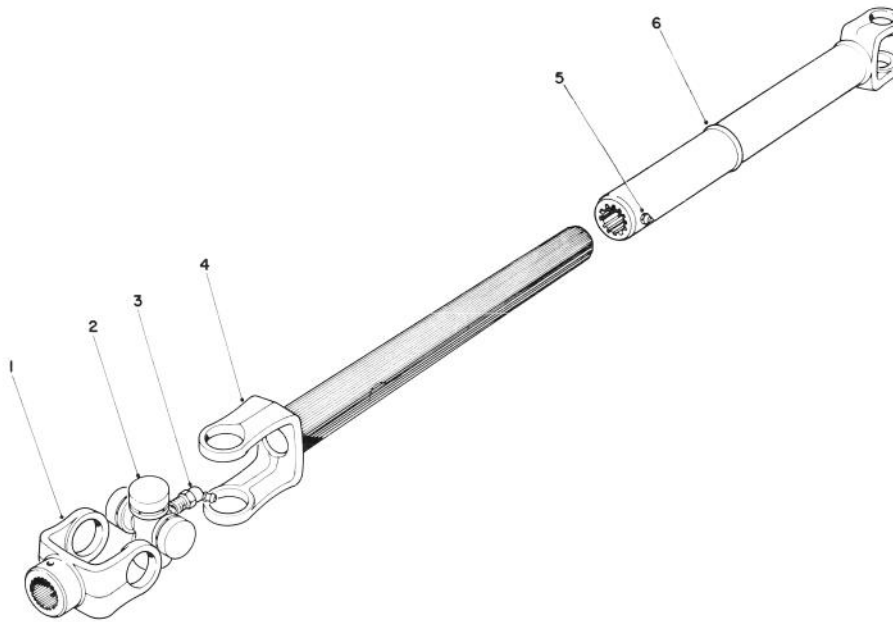


T-0413

POWER TAKE OFF ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	5-0701	Spring Anchor	1
53	212-93	Wire Clip	1
54	21-1600	Clamp P.T.O. Lever	1

Ref. No.	Part No.	Description	No. Used
55	3253-21	Washer - Lock	4
56	32104-6	Screw - Hex. Hd. Tapping	4

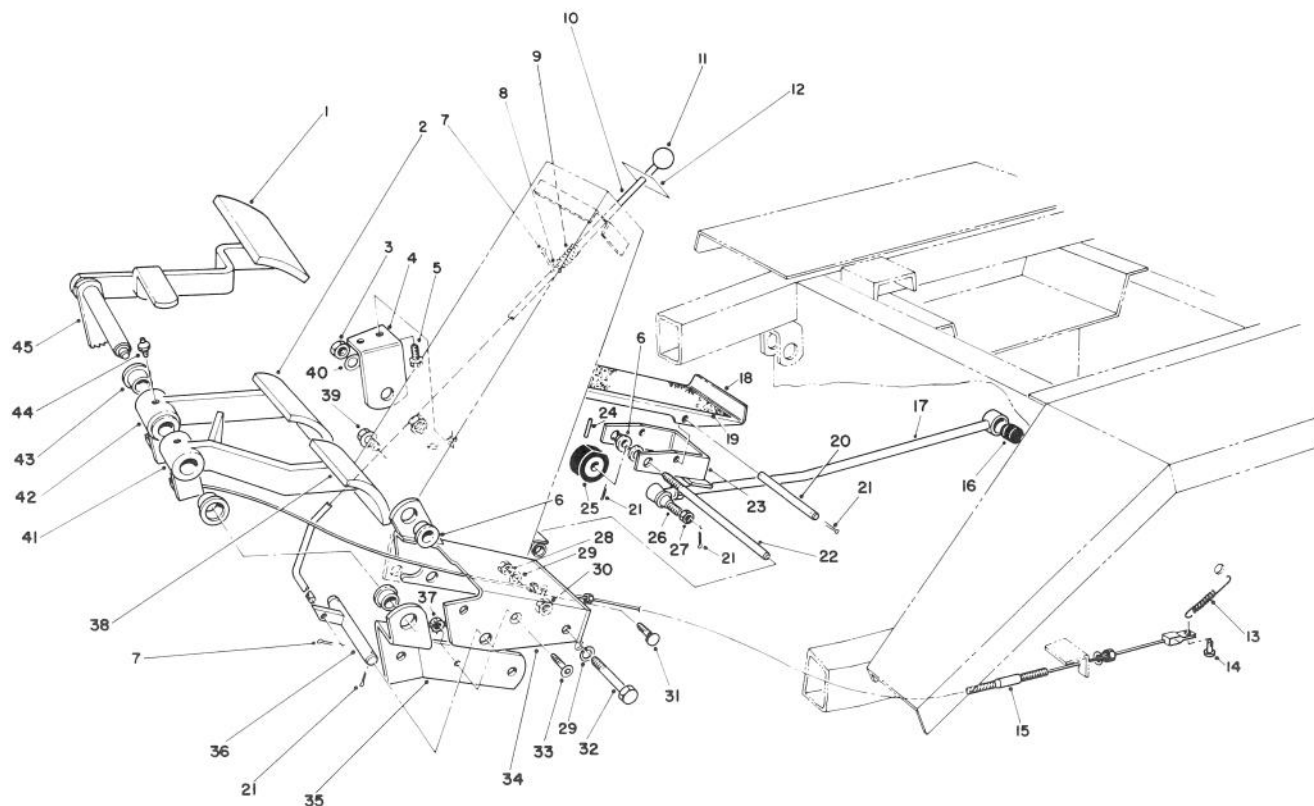


T-0414

DRIVE SHAFT ASSEMBLY NO. 62-4260

Ref. No.	Part No.	Description	No. Used
1	62-3800	End Yoke	2
2	54-9180	U-Joint Kit	2
3	62-3820	Grease Fitting	2

Ref. No.	Part No.	Description	No. Used
4	62-3290	Slip Yoke Shaft	1
5	302-58	Grease Fitting	1
6	62-3790	Slip Yoke Tube	1

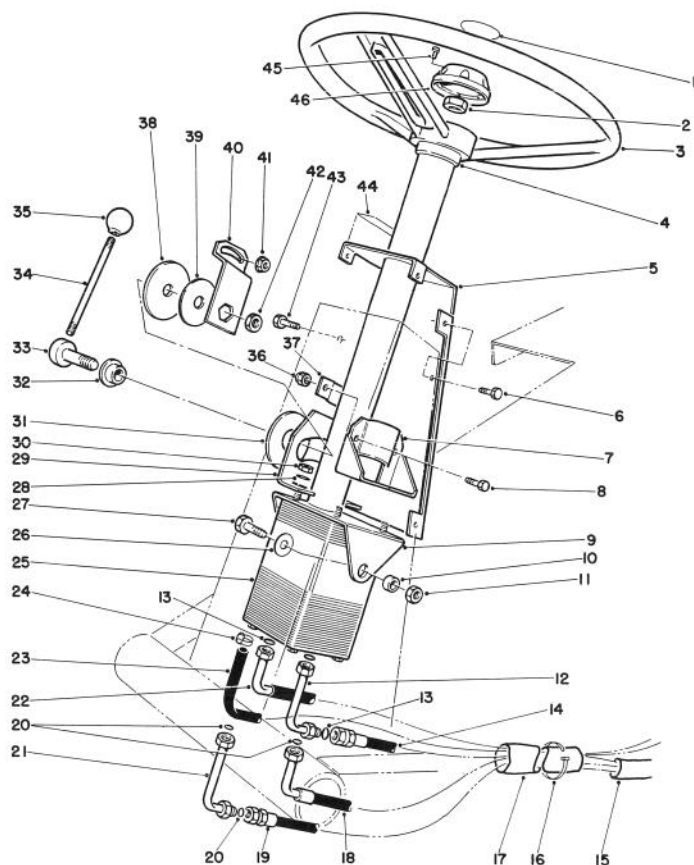


T-0415

BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	7-3900	Pad - Brake	1	24	32121-16	Pin - Roll	1
2	27-7580	Pad - Right Turn	1	25	28-5220	Wheel - Friction	1
3	3218-5	Nut - Jam	2	26	21-0140	Socket Assembly R.H.	1
4	21-2850	Mount - R.H. Pedal	1	27	3220-5	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	Pin - Cotter	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	Pin - Clevis	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	Pin - Cotter	7	45	27-8550	Pedal - Parking Bake	1
22	28-5210	Shaft - Traction Pedal	1				
23	28-5160	Bracket - Pivot (Incl. Ref. #6)	1				

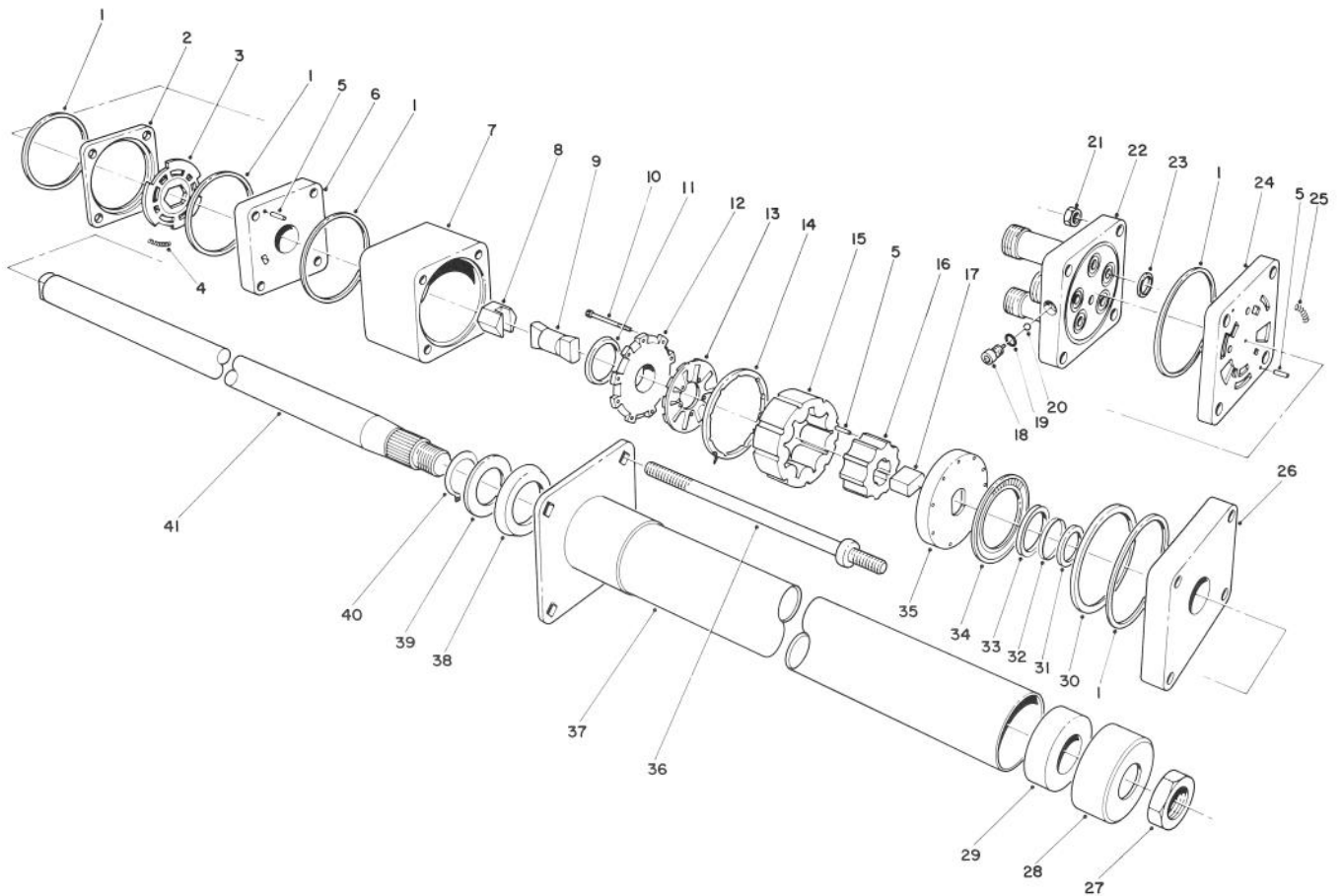
*Not Illustrated



T-1187

POWER STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-5370	Decal - Toro	1	24	2412-36	Clamp	2
2	66-9760	Nut - Hex.	1	25	63-9250	Valve - Steering, Power	1
3	75-0560	Wheel - Steering	1	26	3256-46	Washer - Flat	2
4	21-9260	Cover - Dust	1	27	323-6	Screw - Cap, Hex. Hd.	2
5	82-8660	Cover - Tower	1	28	3256-3	Washer - Flat	4
6	32144-10	Screw - Hex. Hd. Thd. Form	6	29	80-2940	Plate - Pivot	1
7	67-8690	Support - Column	1	30	3296-4	Nut - Lock	4
8	3234-17	Screw - Cap, Hex. Hd.	2	31	31-0390	Disc - Friction	1
9	77-3120	Bracket - Mount, Column	1	32	80-2980	Boss - Pin	1
10	80-2960	Spacer - Tower	2	33	80-2970	Pin - Steering, Tilt	1
11	32153-2	Nut - Hex.	2	34	80-2890	Handle - Steering, Tilt	1
12	82-8760	Elbow	1	35	233-21	Knob - Handle	1
13	237-30	O-Ring	3	36	3296-29	Nut - Lock	2
14	63-8970	Hose - Trans. to Steering	1	37	82-8650	Clamp - Half	1
15	70-1390	Sleeve - Protective	1	38	82-9010	Disc - Friction	1
16	3290-378	Tie - Cable	2	39	80-2930	Washer	1
17	70-1380	Sleeve - Protective	1	40	80-2880	Bracket - Steering, Tilt	1
18	68-9730	Hose - Steering to Cylinder	1	41	32128-20	Nut - Flange	1
19	68-9720	Hose - Cylinder to Steering	1	42	3218-7	Nut - Jam	1
20	237-22	O-Ring	3	43	322-4	Screw - Cap, Hex. Hd.	1
21	82-8770	Elbow	1	44	82-8940	Decal - Steering, Tilt	1
22	63-8980	Hose - Aux. to Valve	1	45	32144-21	Screw	1
23	63-8990	Hose	1	46	68-5140	Cap - Wheel, Steering	1



T-0417

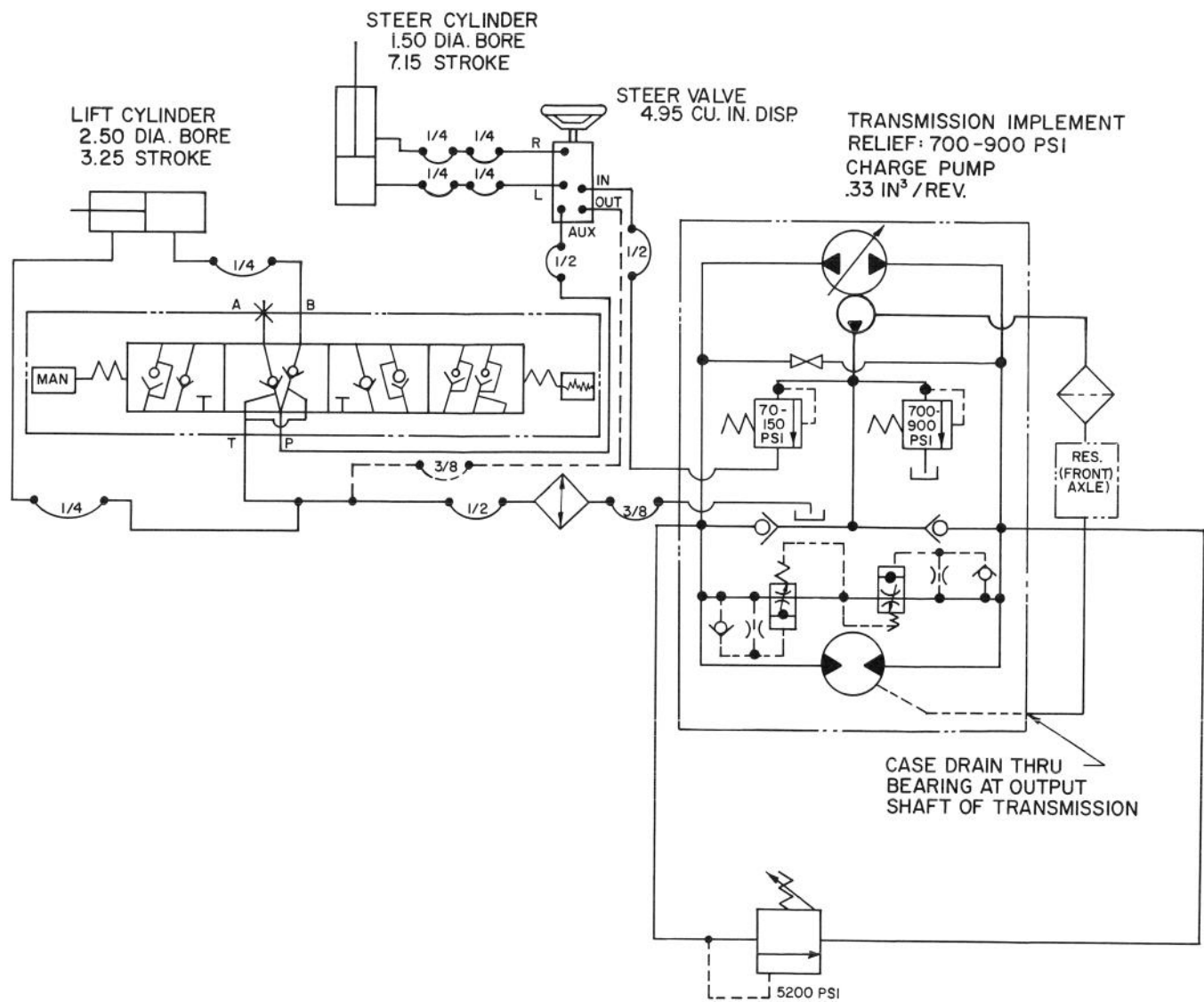
POWER STEERING VALVE ASSEMBLY NO. 63-9250

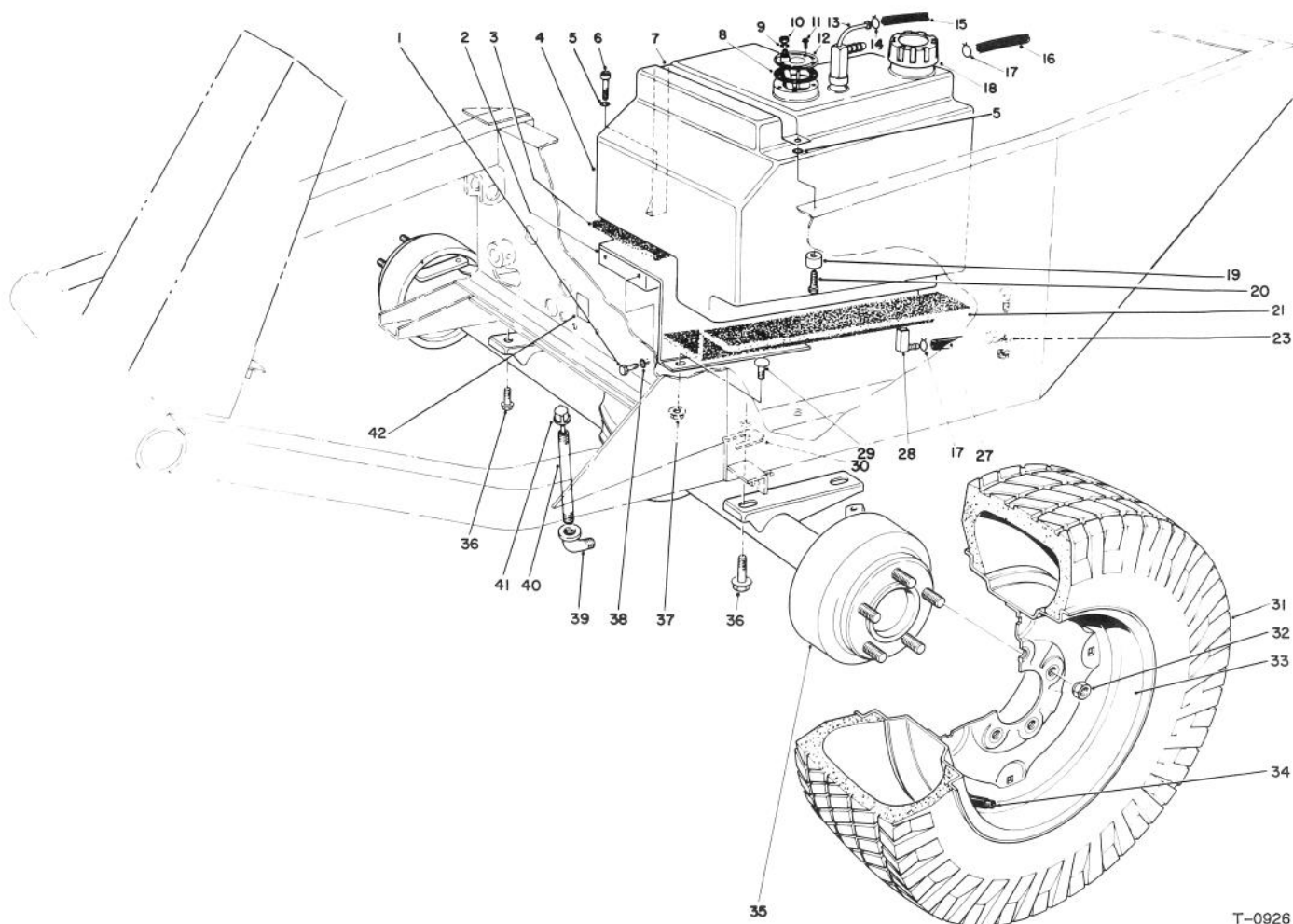
Ref. No.	Part No.	Description	No. Used
1		Ring - Seal	5
2		Ring - Valve	1
3		Plate - Valve	1
4		Spring	3
5		Pin - Alignment	9
6		Manifold - Isolation	1
7		Ring - Metering	1
8		Hex Drive Assy.	1
9		Link - Drive	1
10		Screw - Hex. Hd. Socket	11
11		Seal - Commutator	1
12		Cover - Commutator	1
13		Commutator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

Ref. No.	Part No.	Description	No. Used
23		O-Ring	5
24		Manifold - Port	1
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
32		Ring - Back Up	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	1
*	66-9980	Seal Kit	1
*	66-9990	Needle Roller Kit	1

*Not Illustrated

HYDRAULIC SCHEMATIC



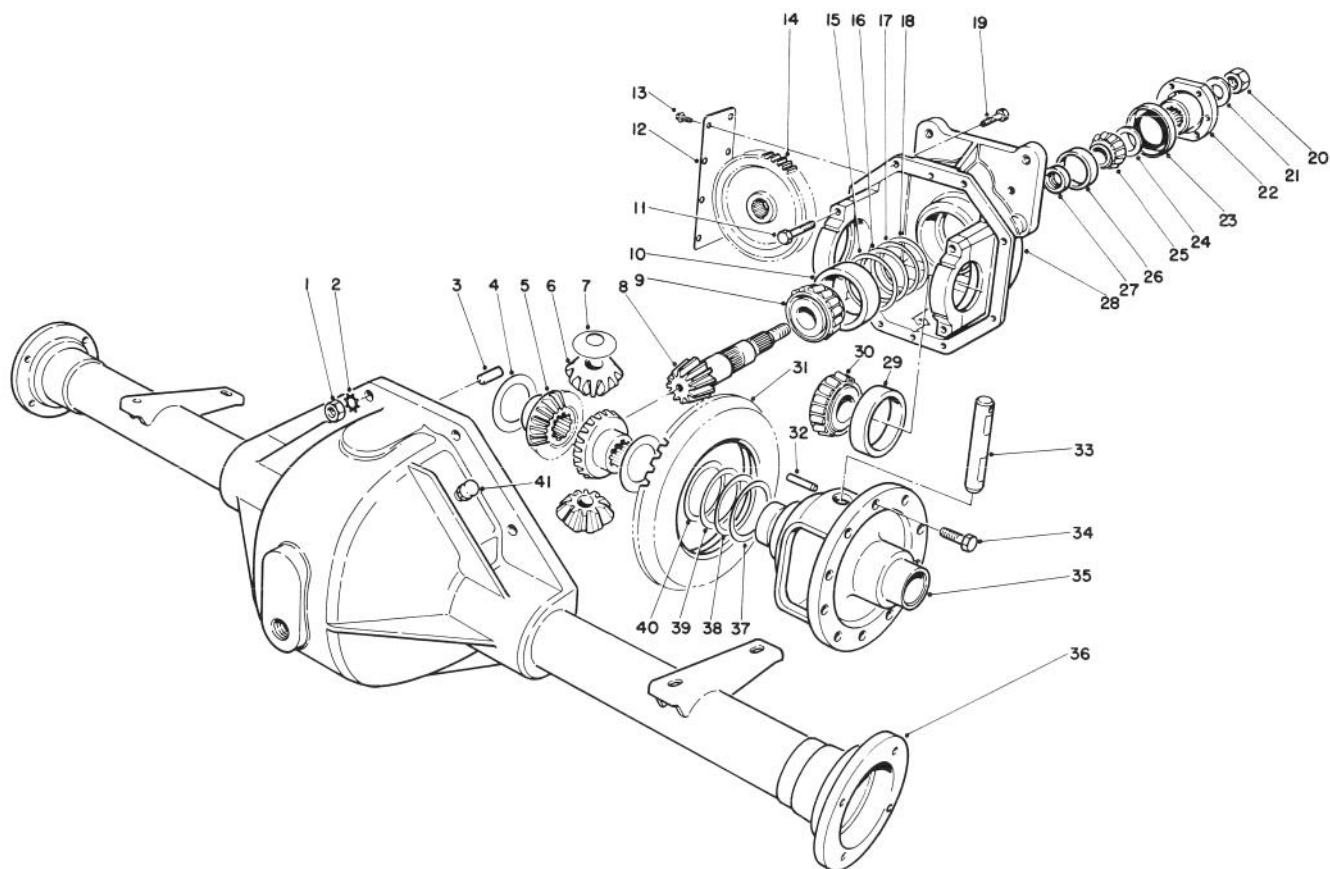


T-0926

FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32104-6	Screw - Self Tapping	2	20	321-6	Screw - Cap, Hex. Hd.	1
2	68-9760	Fuel Tank Base	1	21	21-3610	Foam - Tank Support	1
3	21-3600	Foam - Tank Support	1	23	2412-4	Clamp	1
4	43-4150	Fuel Tank (Incl. Ref. #13 & 14)	1	27	63-9640	Hose - Fuel	1
5	3253-3	Washer - Lock	2	28	43-4190	Fitting Assembly	1
6	32104-96	Screw - Cap, Hex. Hd.	1	29	3230-2	Bolt - Carriage	3
7	37-9550	Strap - Fuel Tank	1	30	42-6080	Shim - Axle	A/R
8	62-7650	Gasket	1	31	231-101	Tire	2
9	3253-17	Washer - Lock	1	32	23-7270	Nut - Wheel	10
10	3219-14	Nut	1	33	217-117	Rim	2
11	32144-53	Screw - Thread Forming	5	34	232-31	Valve Stem w/Cap	2
12	62-6840	Sender - Fuel Level	1	35	71-4390	Front Axle Assembly	1
13	43-4160	Fitting - Return & Vent	1	36	32144-67	Screw - Cap, Thd. Forming	4
14	2412-79	Clamp	1	37	32128-20	Nut - Flange	3
15	43-4230	Hose - Return	1	38	3253-21	Washer - Lock	2
16	43-5690	Hose - Vent, Fuel Tank	1	39	2811-9	Street Elbow	1
17	2412-6	Clamp	2	40	289-37	Nipple - Pipe	1
18	55-3572	Fuel Cap	1	41	23-5180	Dipstick	1
19	22-7810	Spacer	1	42	53-4430	Decal - Oil	1
				*	231-90	Tube - Inner	2

*Not Illustrated



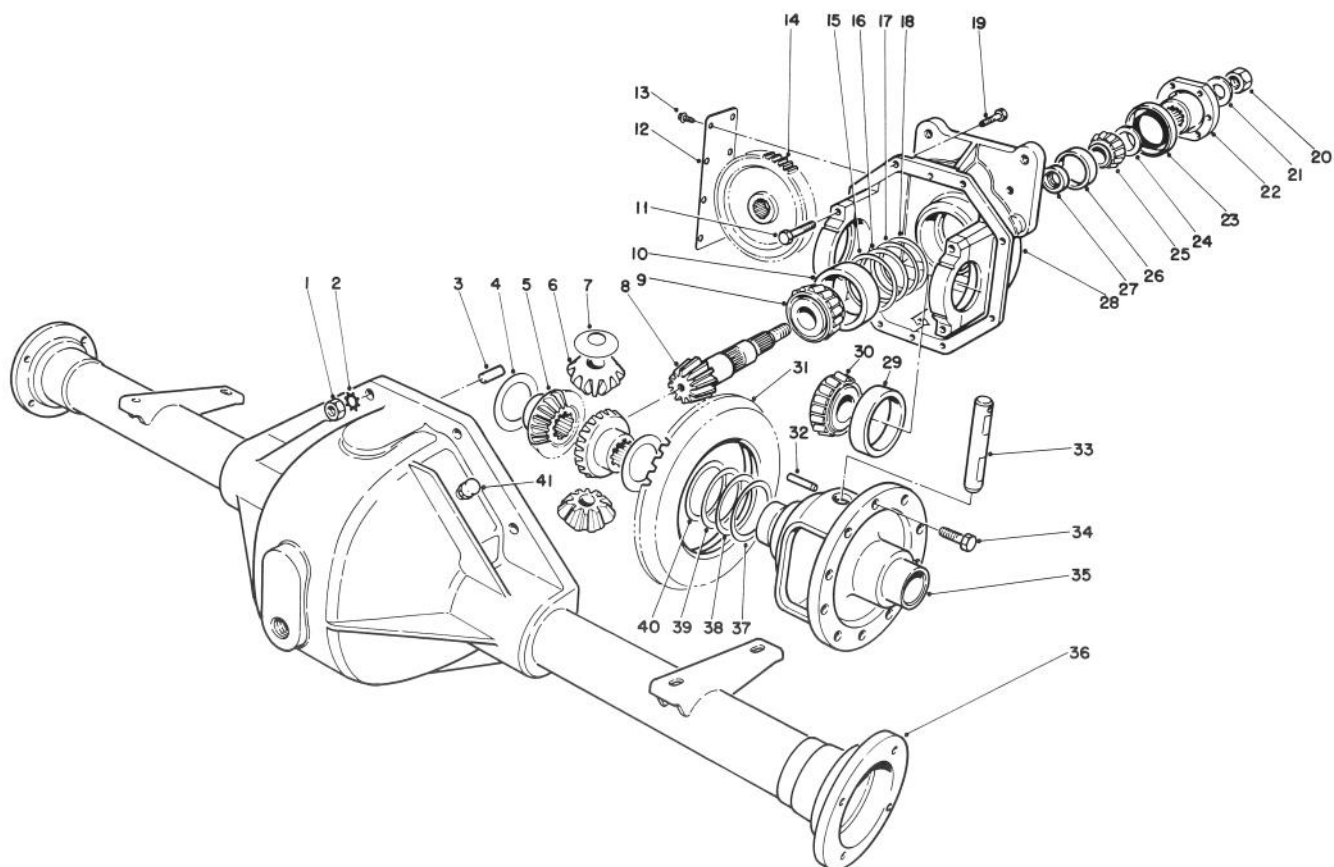
T-0905

FRONT AXLE ASSEMBLY NO. 71-4390

Ref. No.	Part No.	Description	No. Used
1	3219-2	Nut	8
2	3255-8	Washer - Lock	8
3	21-8270	Pin - Dowel	2
4	21-7720	Washer - Thrust	2
5	24-8790	Gear - Bevel, Diff. Side	2
6	21-7690	Gear - Pinion	2
7	21-7730	Washer - Thrust	2
8		Pinion - Drive	1
9	43-6760	Cone - Bearing, Tapered	1
10	43-6750	Cup - Bearing, Tapered	1
11	324-23	Screw - Cap, Hex. Hd.	4
12	21-7830	Cover - Gear	1
13	12-5450	Screw - Thread Forming	8
14	21-8150	Gear - Spur	1
15	43-6710	Shim .003 - Diff. Adjust.	A/R
16	43-6711	Shim .005 - Diff. Adjust.	A/R
17	43-6712	Shim .010 - Diff. Adjust.	A/R
18	43-6713	Shim .030 - Diff. Adjust.	A/R
19	3210-7	Screw - Cap, Hex. Hd.	8
20	71-4350	Nut	1
21	71-4340	Washer	1
22	68-7010	Flange	1
23	71-4330	Seal	1
24	72-3570	Shim .094 - Diff. Adjust.	A/R
*	72-3571	Shim .096 - Diff. Adjust.	A/R
*	72-3572	Shim .098 - Diff. Adjust.	A/R
*	72-3573	Shim .100 - Diff. Adjust.	A/R
*	72-3574	Shim .102 - Diff. Adjust.	A/R
*	72-3575	Shim .104 - Diff. Adjust.	A/R

Ref. No.	Part No.	Description	No. Used
*	72-3576	Shim .106 - Diff. Adjust.	A/R
*	72-3577	Shim .108 - Diff. Adjust.	A/R
*	72-3578	Shim .110 - Diff. Adjust.	A/R
*	72-3580	Shim .112 - Diff. Adjust.	A/R
*	72-3581	Shim .114 - Diff. Adjust.	A/R
*	72-3582	Shim .116 - Diff. Adjust.	A/R
*	72-3583	Shim .118 - Diff. Adjust.	A/R
*	72-3584	Shim .120 - Diff. Adjust.	A/R
*	72-3585	Shim .125 - Diff. Adjust.	A/R
*	72-3586	Shim .127 - Diff. Adjust.	A/R
*	72-3587	Shim .129 - Diff. Adjust.	A/R
*	72-3588	Shim .131 - Diff. Adjust.	A/R
*	72-3590	Shim .133 - Diff. Adjust.	A/R
*	72-3591	Shim .135 - Diff. Adjust.	A/R
*	72-3592	Shim .137 - Diff. Adjust.	A/R
*	72-3593	Shim .139 - Diff. Adjust.	A/R
*	72-3594	Shim .141 - Diff. Adjust.	A/R
*	72-3595	Shim .143 - Diff. Adjust.	A/R
*	72-3596	Shim .145 - Diff. Adjust.	A/R
*	72-3597	Shim .147 - Diff. Adjust.	A/R
*	72-3598	Shim .149 - Diff. Adjust.	A/R
*	72-3600	Shim .151 - Diff. Adjust.	A/R
25	254-91	Cone - Bearing	1
26	254-90	Cup - Bearing	1
27	21-8020	Spacer - Bearing, Pinion Ft.	1
28	72-3610	Assembly - Carrier (Incl. Ref.#11)	1
29	254-66	Cup - Bearing, Tapered	2
30	254-65	Cone - Bearing, Tapered	2

*Not Illustrated



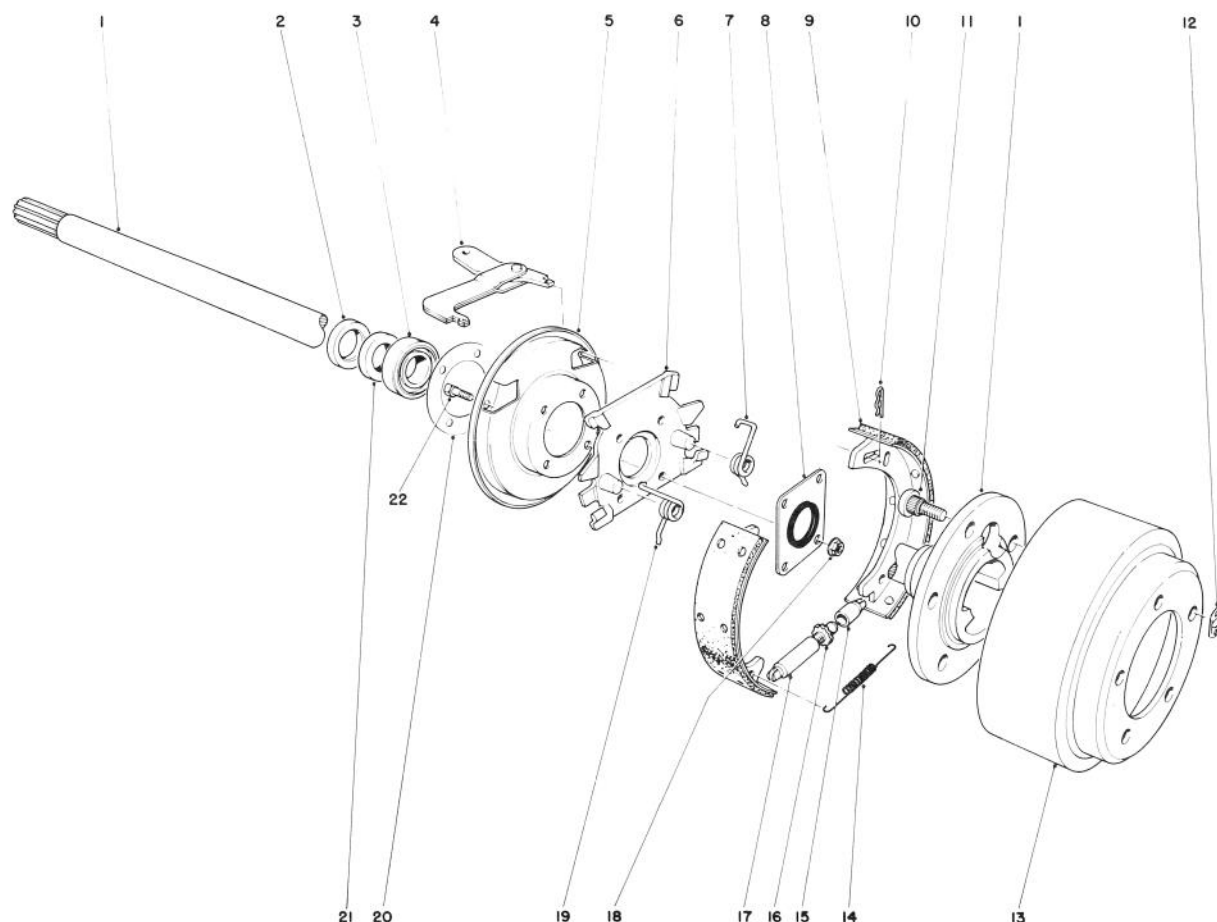
T-0905

FRONT AXLE ASSEMBLY NO. 71-4390 (Continued)

Ref. No.	Part No.	Description	No. Used
31		Gear - Ring	1
32	32121-15	Pin - Roll	1
33	21-7700	Shaft - Pinion, Mate	1
34	21-7770	Screw - Gear, Drive	5
35	21-7670	Case - Differential	1
36	43-6840	Housing - Lower	1
37	21-8120	Shim .030 - Diff. Adjust.	A/R

Ref. No.	Part No.	Description	No. Used
38	21-8110	Shim .010 - Diff. Adjust.	A/R
39	21-8100	Shim .005 - Diff. Adjust.	A/R
40	21-8090	Shim .003 - Diff. Adjust.	A/R
41	72-9420	Vent Assembly	1
*	72-3620	Gear & Pinion Assembly (Incl. Ref. #8 & 31)	1

*Not Illustrated

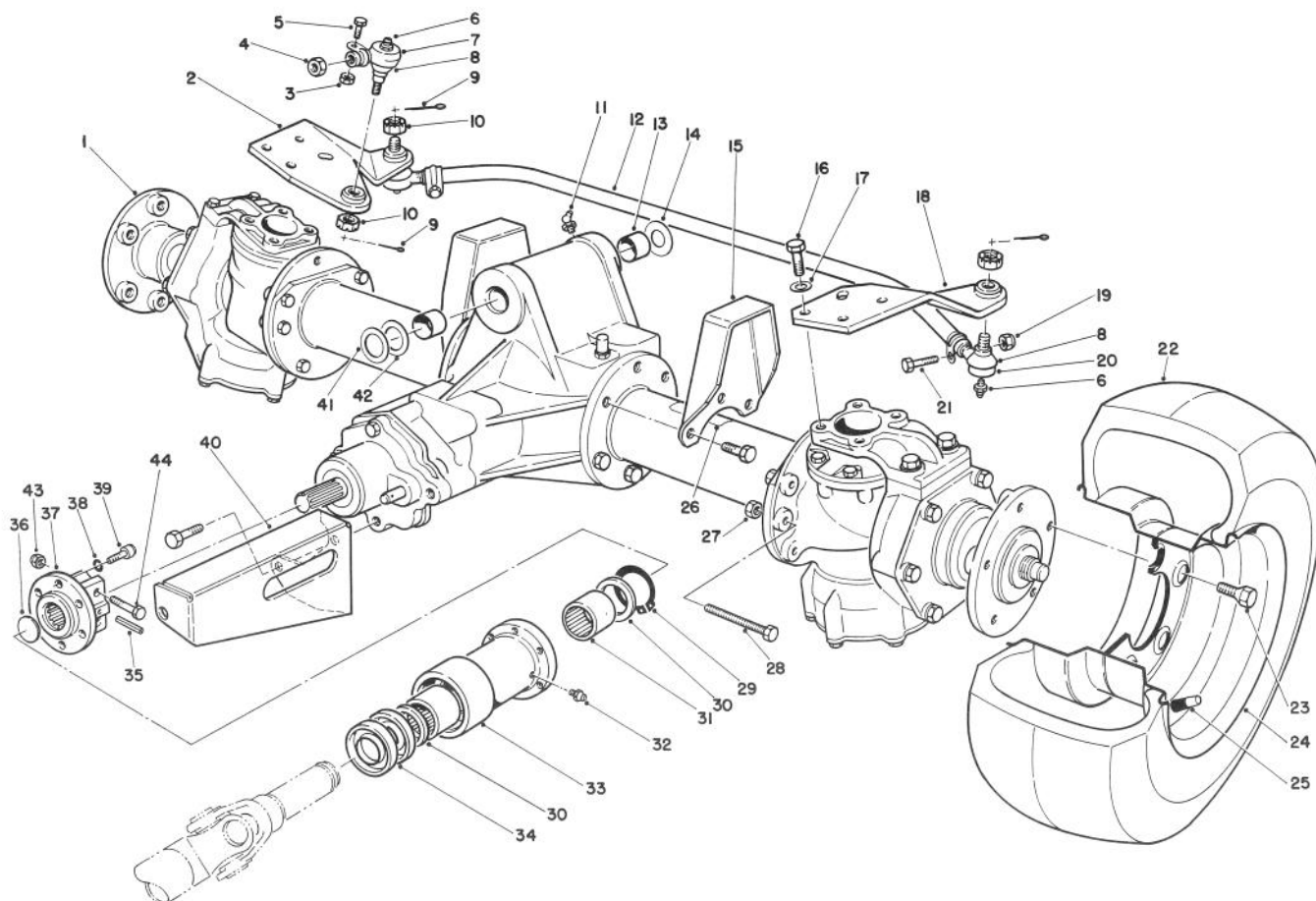


T-0421

BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	28-0650	Shaft - Flanged, Axle	2
2	21-8330	Seal - Oil	2
3	21-8180	Bearing	2
4	24-9180	Strut & Lever Parking Brake	2
5	21-9450	Dust Shield	2
6	43-6810	Torque - Spider	2
7	21-9430	Spring - Shoe Return R.H.	2
8	28-0670	Seal - Oil	2
9	43-2690	Shoe & Lining Assembly	4
10	21-9460	Retainer - Brake Lever	4
11	242-34	Stud - Flanged, Axle	10

Ref. No.	Part No.	Description	No. Used
12	21-8360	Clip - Retaining	2
13	28-0680	Brake Drum	2
14	21-9440	Spring - Adjusting Screw	2
15	21-9390	Socket - Adjusting Screw	2
16	21-9370	Screw - Adjusting	2
17	21-9380	Nut - Pivot	2
18	43-6800	Nut - Lock	8
19	21-9420	Spring - Shoe Return L.H.	2
20	21-8320	Gasket - Wheel Bearing	2
21	24-8840	Ring - Wheel Bearing	2
22	28-0660	Screw - Cap, Hex. Hd.	8

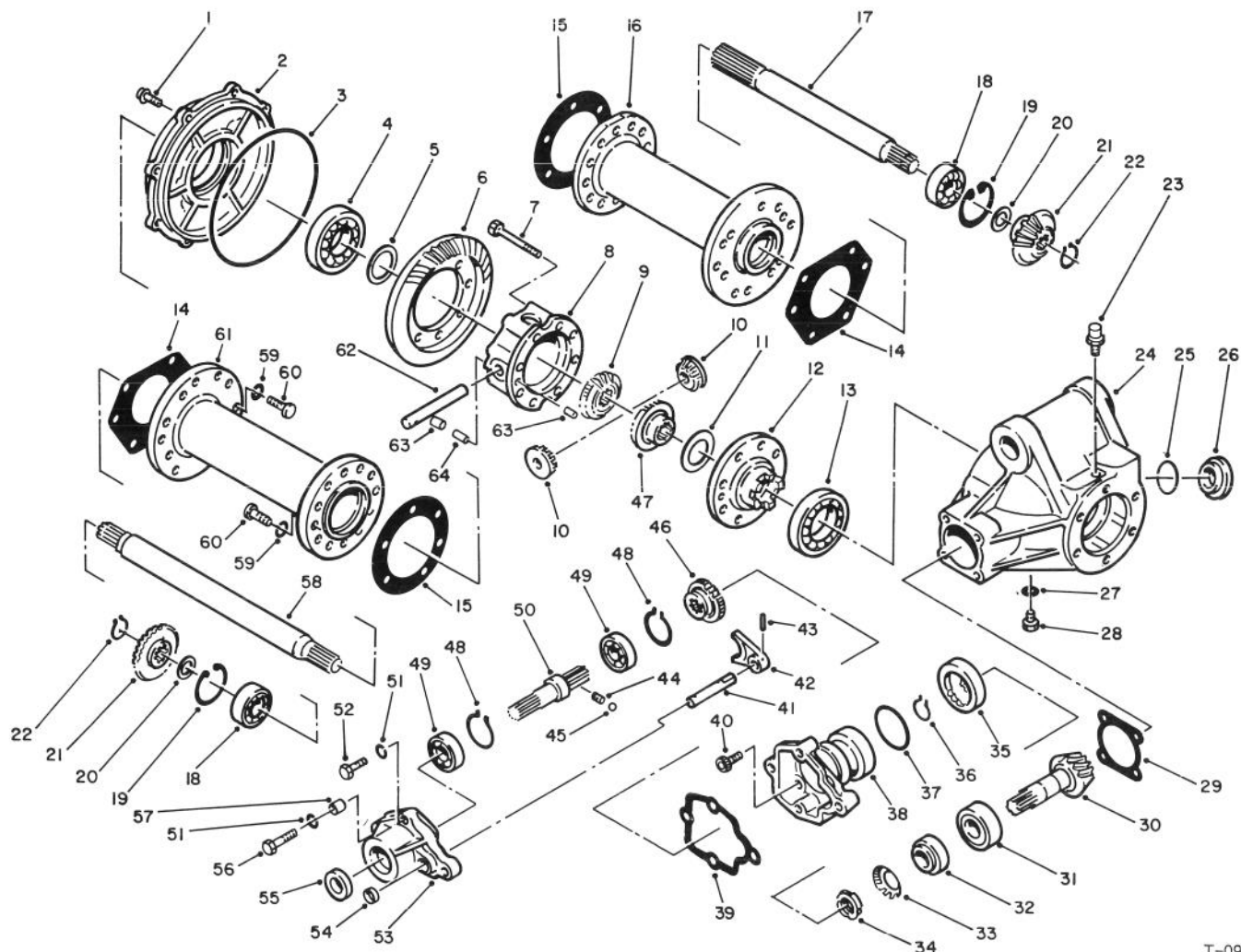


T-0903

STEERABLE AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-6820	Axle - Drive, Steerable	1	21	323-9	Screw - Cap, Hex. Hd.	2
2	68-6910	Arm - R.H., Steering	1	22	231-122	Tire	2
3	3296-43	Nut - Lock	1	23	71-4450	Bolt - Wheel	10
4	3220-5	Nut - Jam	1	24	217-106	Wheel	2
5	3210-7	Screw - Cap, Hex. Hd.	1	25	232-31	Stem - Valve	2
6	302-55	Fitting - Grease	3	26	70-2560	Decal - Lube	1
7	68-6870	Rod End (Incl. Ref.#3, 5, 6, 8 & 10)	1	27	48-7960	Nut	2
8	71-4760	Seal - Rod	3	28	71-4690	Screw - Cap, Hex. Hd.	2
9	3272-11	Pin - Cotter	3	29	32151-87	Ring - Retaining	1
10	32136-13	Nut - Slotted	3	30	71-4590	Washer - Thrust	2
11	302-11	Fitting - Grease	1	31	71-4580	Clutch - Roller	2
12	71-4750	Tube & Clamp Assembly	1	32	302-5	Fitting - Grease	1
*	71-4530	Tie Rod Assembly (Incl. Ref.#6, 8, 10, 12, & 19-21)	1	33	71-4570	Housing - Clutch,	1
13	67-1750	Bushing	2	34	253-155	Seal	2
14	71-4540	Washer - Thrust	1	35	32121-34	Pin - Roll	1
15	68-6990	Stop - Oscillation	2	36	284-3	Plug - Welch	1
16	48-7780	Screw - Cap, Hex. Hd.	8	37	76-4690	Coupling - Axle	1
17	48-9220	Washer - Flat	8	38	3253-3	Washer - Lock	6
18	68-6930	Arm - L.H., Steering	1	39	3274-8	Screw - Cap, Hex. Hd.	6
19	3296-39	Nut - Lock	2	40	68-6880	Bracket - Clutch, Cable	1
20	71-4740	Rod End (Incl. Ref. #6, 8 & 10)	2	41	56-2460	Washer - Flat	A/R
				42	5-1226	Washer	A/R
				43	3296-29	Nut - Lock	2
				44	322-8	Screw - Cap, Hex. Hd.	2

*Not Illustrated



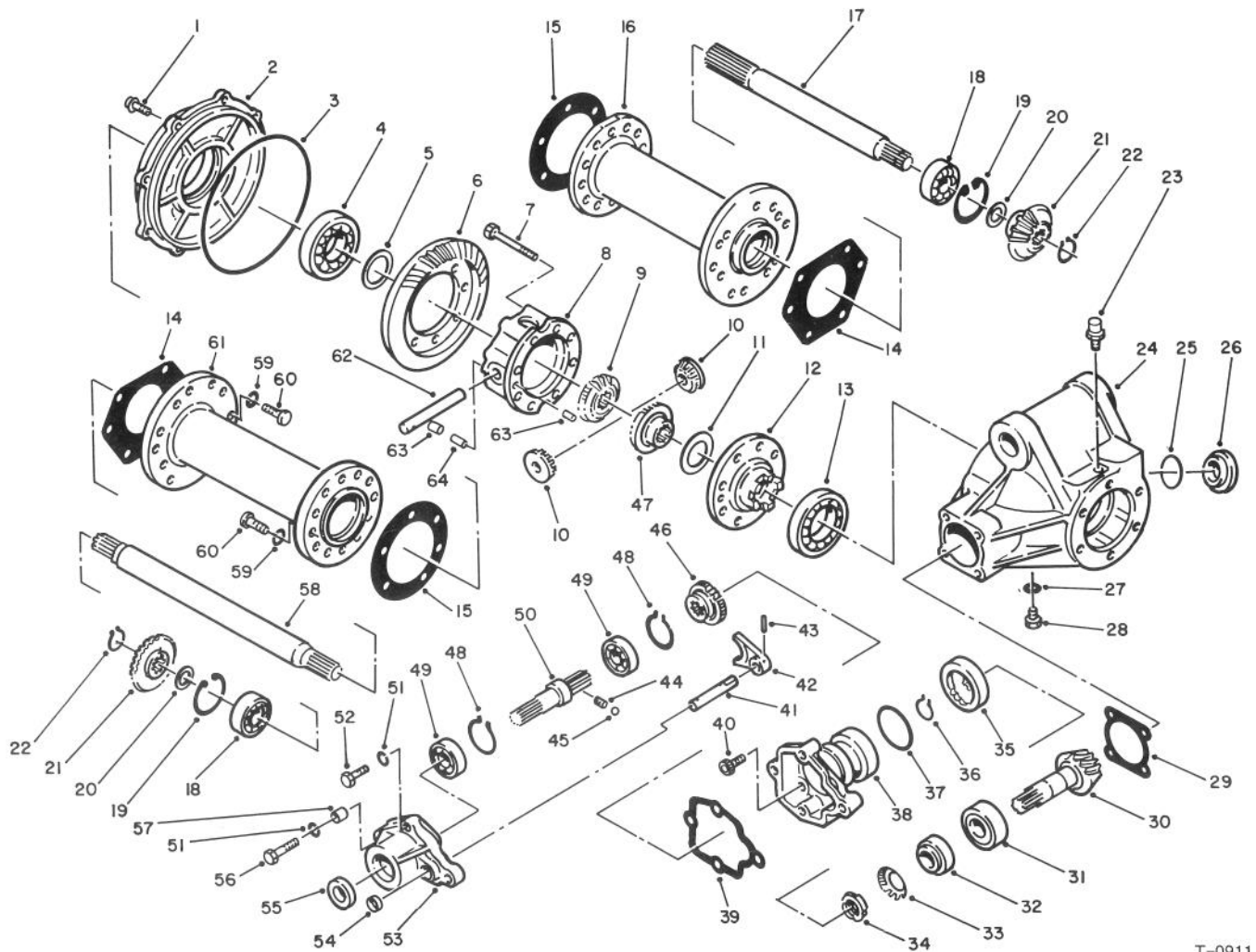
T-0911

REAR AXLE ASSEMBLY NO. 68-6820

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

Ref. No.	Part No.	Description	No. Used
20	72-5100	Spacer	2
21	72-5090	Bear - Bevel	2
22	72-5370	Ring - Retaining	2
23	72-5130	Vent	1
24	72-4870	Case - Differential	1
25	72-5140	O-Ring	1
26	72-5150	Plug	1
27	72-5840	Gasket	1
28	72-5820	Plug	1
29	72-5160	Shim .1mm	1
*	72-5170	Shim .15 mm	1
*	72-5180	Shim .5 mm	1
*	72-5190	Shim .8 mm	1
*	72-5200	Shim 1.0 mm	1
*	72-5210	Shim 1.2 mm	1
30		Gear - Pinion	1
31	254-108	Bearing - Roller, Tapered	1
32	254-109	Bearing - Roller, Tapered	1
33	72-5250	Washer	1
34	72-5260	Nut	1
35	72-5280	Clutch - Outer	1
36	72-5380	Ring - Retaining	1
37	72-5460	O-Ring	1
38	72-5270	Case	1

*Not Illustrated



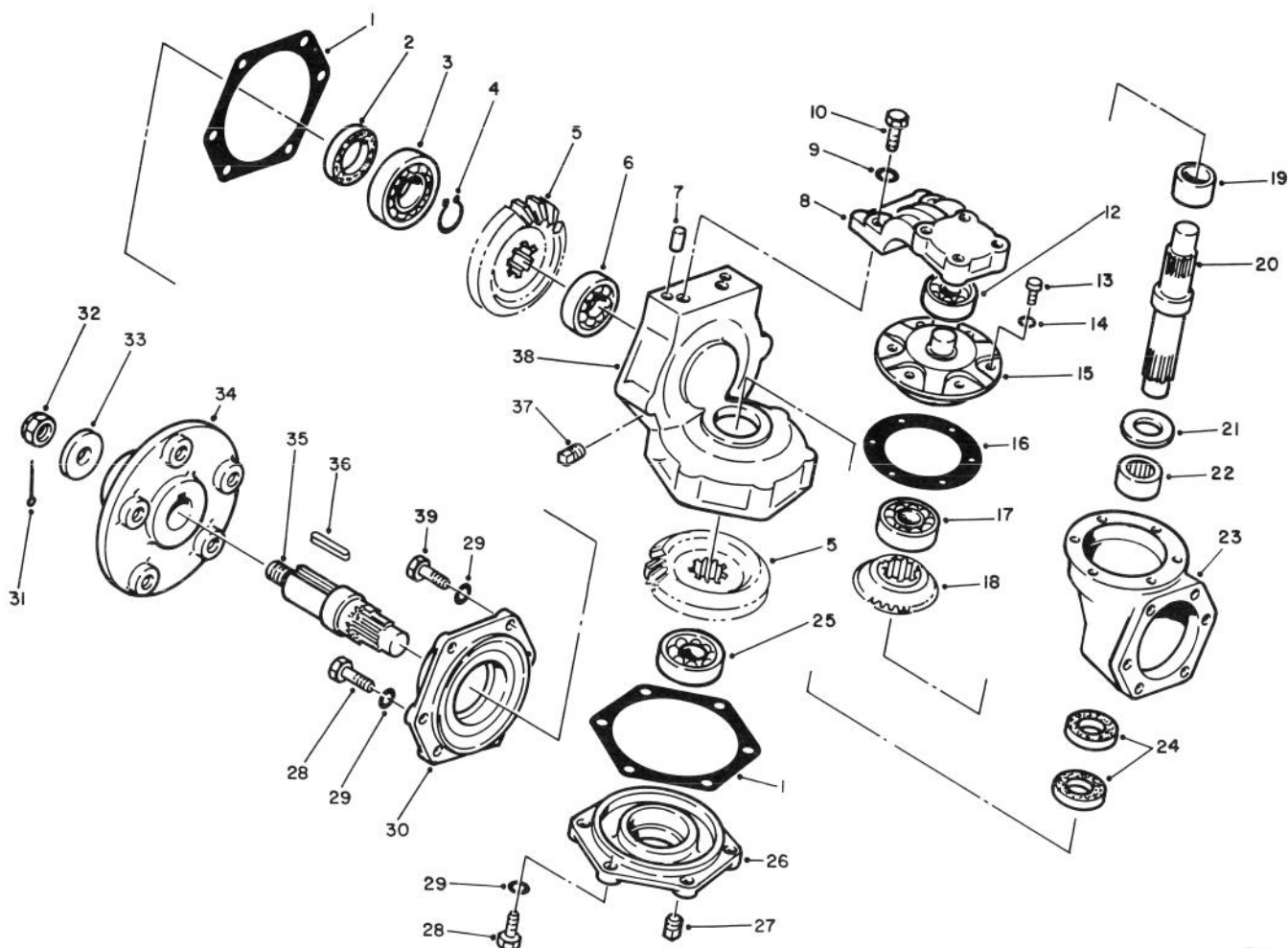
T-0911

REAR AXLE ASSEMBLY NO. 68-6820 (Continued)

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

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

*Not Illustrated

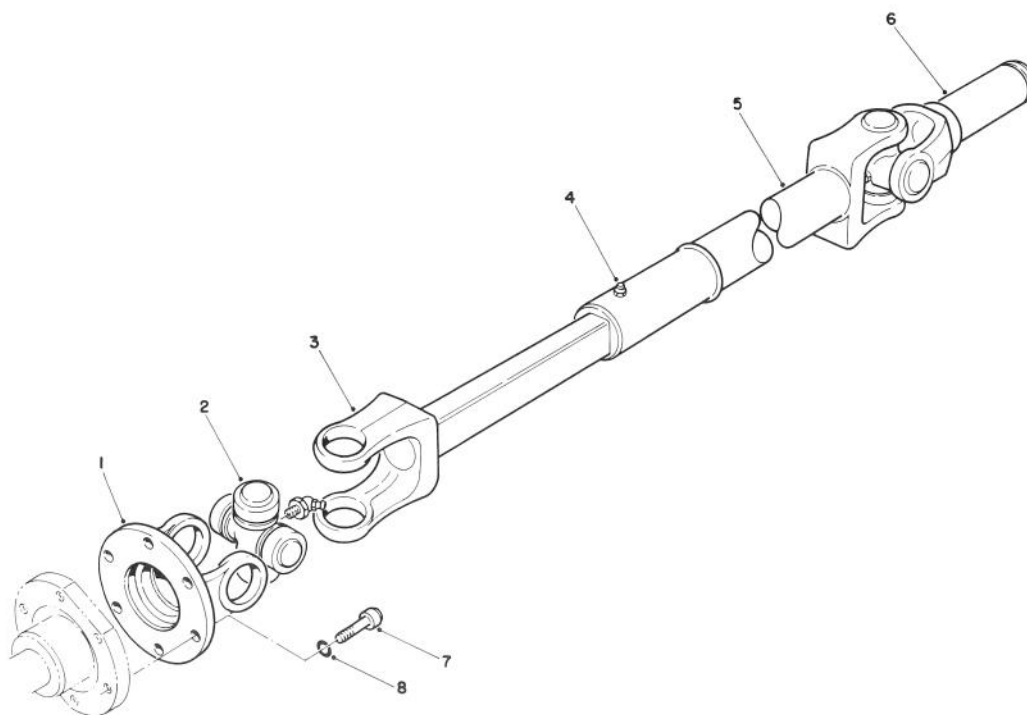


T-0912

STEERING KNUCKLE ASSEMBLY

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

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



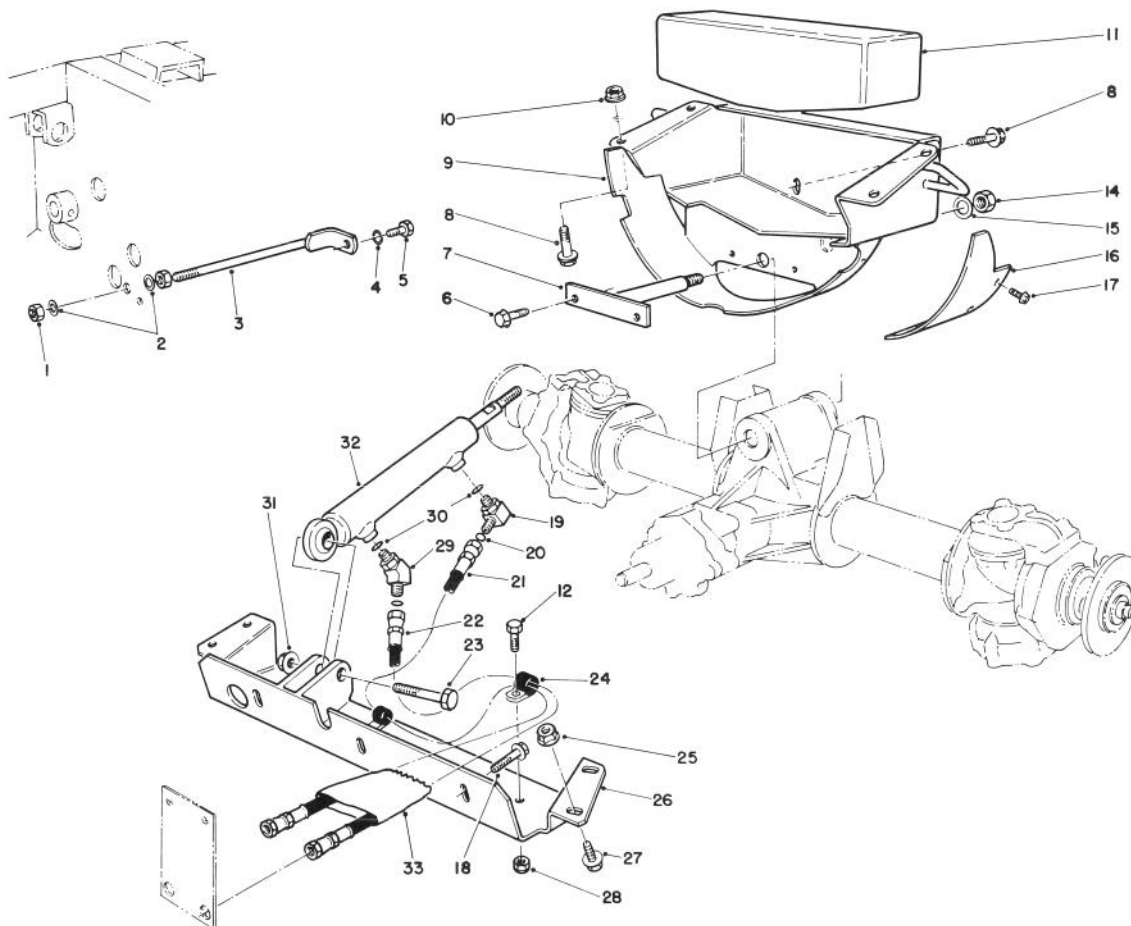
T-0906

DRIVE SHAFT ASSEMBLY NO. 71-4550

Ref. No.	Part No.	Description	No. Used
1	72-3410	Yoke - Flange	1
2	54-9180	Kit - Universal Joint	1
3	72-3420	Shaft - Yoke, Slip	1
4	302-58	Fitting - Grease	1
5	72-3430	Tube - Yoke, Slip	1

Ref. No.	Part No.	Description	No. Used
6	72-3440	Yoke - Shaft	1
7	3274-8	Screw - Cap, Soc. Hd.	6
8	3253-3	Washer - Lock	6
*	71-4550	Driveshaft (Complete)	1

*Not Illustrated



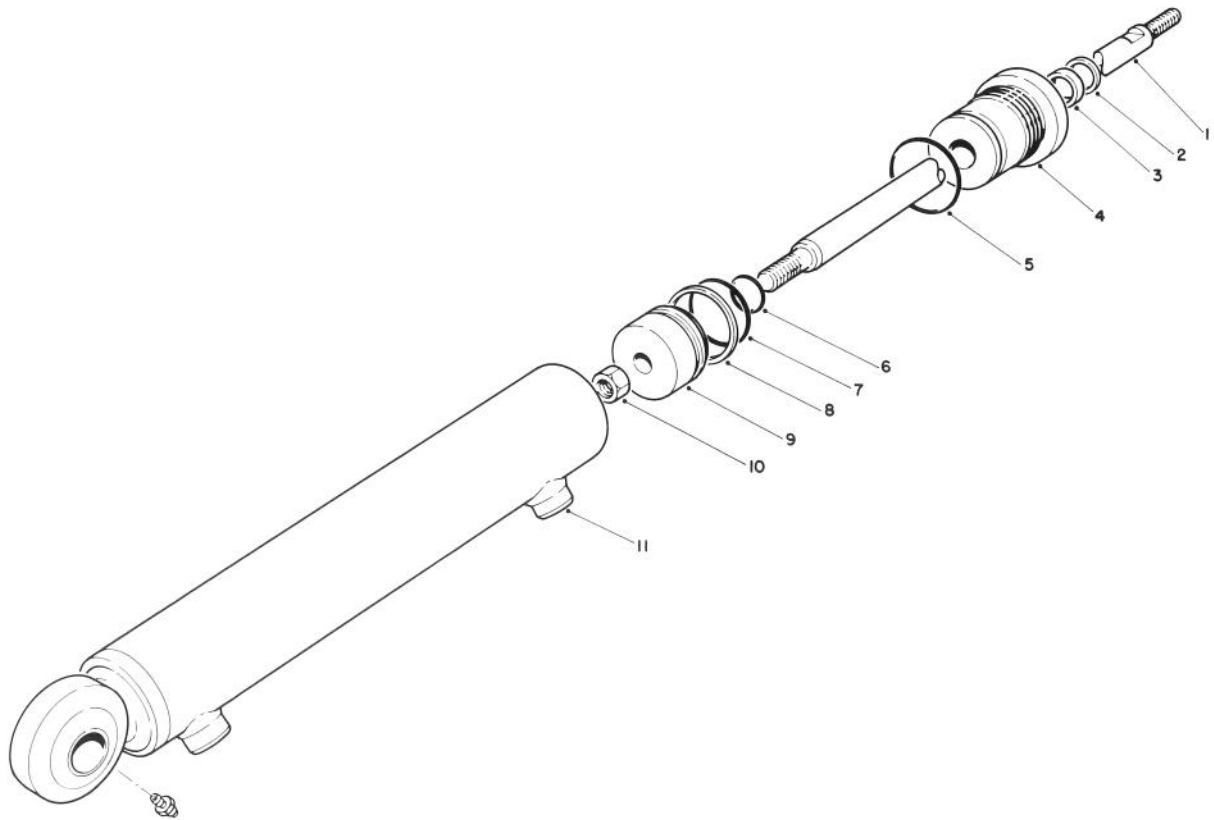
T-0908

AXLE SUPPORT & STEERING CROSS MEMBER

Ref. No.	Part No.	Description	No. Used
1	3217-9	Nut - Hex	2
2	3256-6	Washer - Flat	2
3	24-9830	Support - Axle	1
4	3253-21	Washer - Lock	1
5	323-6	Screw - Cap, Hex. Hd.	1
6	3234-14	Screw - Flange, Hex. Hd.	2
7	67-8170	Pin W.A. - Axle, Rear	1
8	3234-32	Screw - Flange, Hex. Hd.	6
9	67-8130	Support W.A. - Axle	1
10	32128-23	Nut - Lock, Flange	4
11	67-8960	Weight - Rear	1
12	322-5	Screw - Cap, Hex. Hd.	2
14	32146-20	Nut	1
15	71-4540	Washer - Thrust	2
16	71-4850	Cover - Guard, Flywheel	1
17	32144-10	Screw - Thread Forming	2

Ref. No.	Part No.	Description	No. Used
18	3234-24	Screw - Flange, Hex. Hd.	3
19	340-97	Elbow - Fitting	1
20	237-22	O-Ring	2
21	71-4430	Hose Assy. - Steering	1
22	68-9710	Hose Assy. - Steering	1
23	328-25	Screw - Cap, Hex. Hd.	1
24	2412-39	Clamp	2
25	32128-21	Nut - Flange	4
26	68-6950	Cross Member W.A.	1
27†	3234-25	Screw - Flange, Hex. Hd.	4
28	3296-20	Nut - Lock	2
29	340-54	Fitting	1
30	237-78	O-Ring	2
31	32128-45	Nut - Flange	1
32	68-6860	Cylinder - Hyd., Steering	1
33	70-1390	Sleeve - Protective	1

†Included in 13-5609, Ref. #3, Page 1



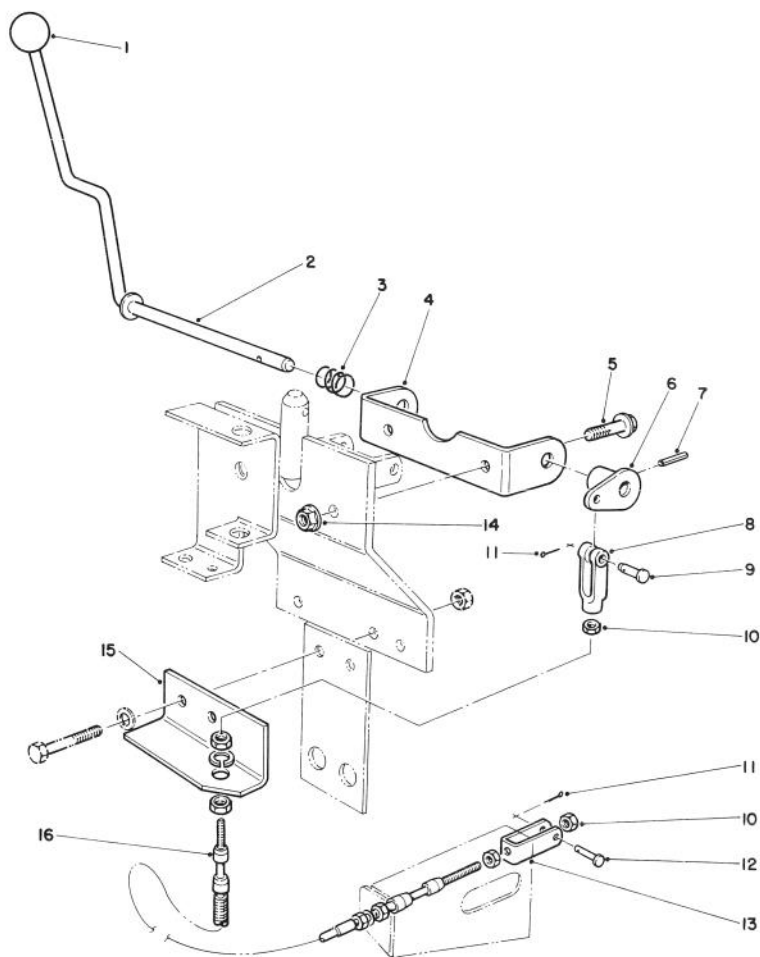
T-0904

STEERING CYLINDER PART NO. 68-6860

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

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

*Not Illustrated

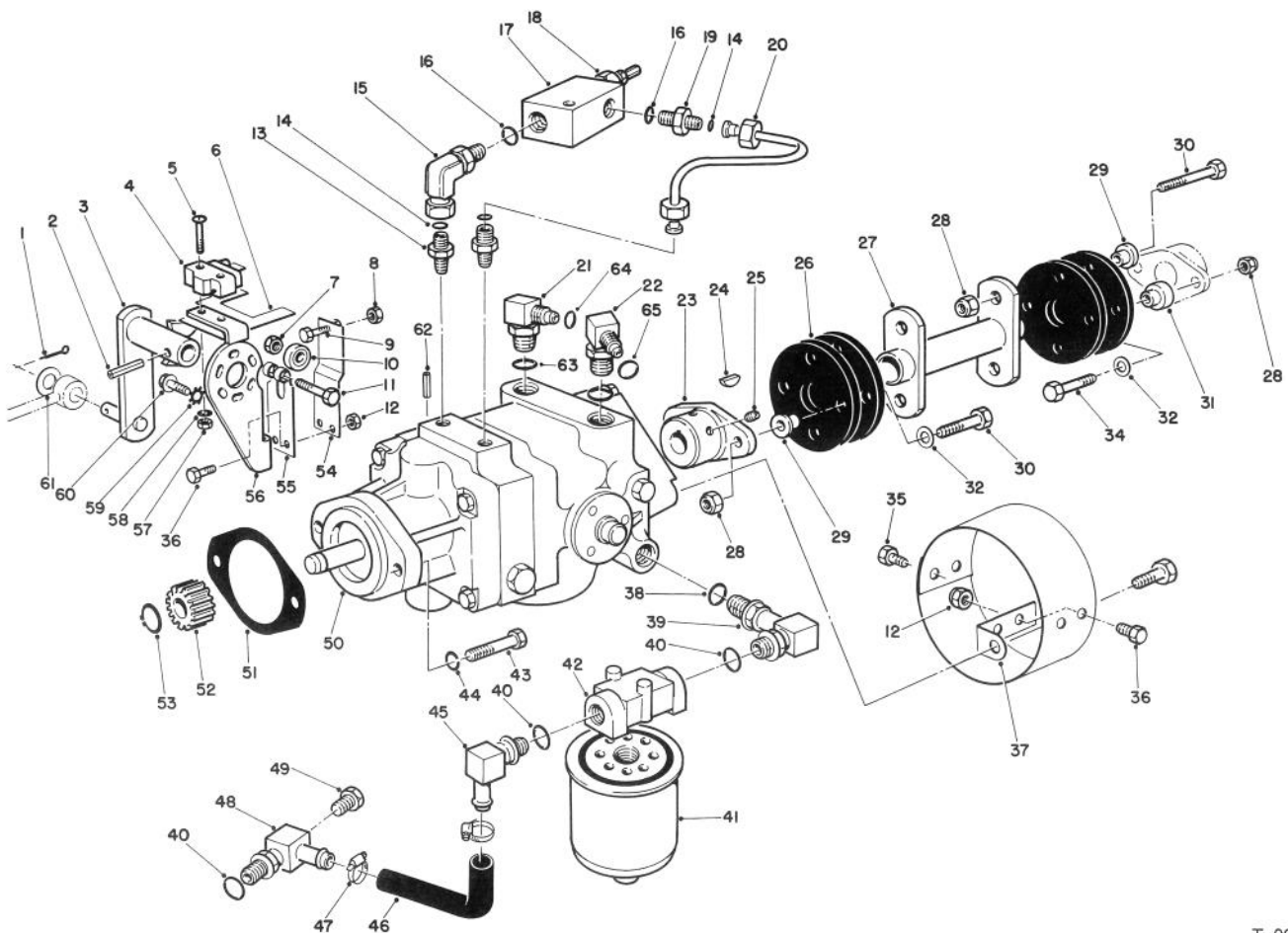


T-0907

CLUTCH ENGAGEMENT ASSEMBLY

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

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



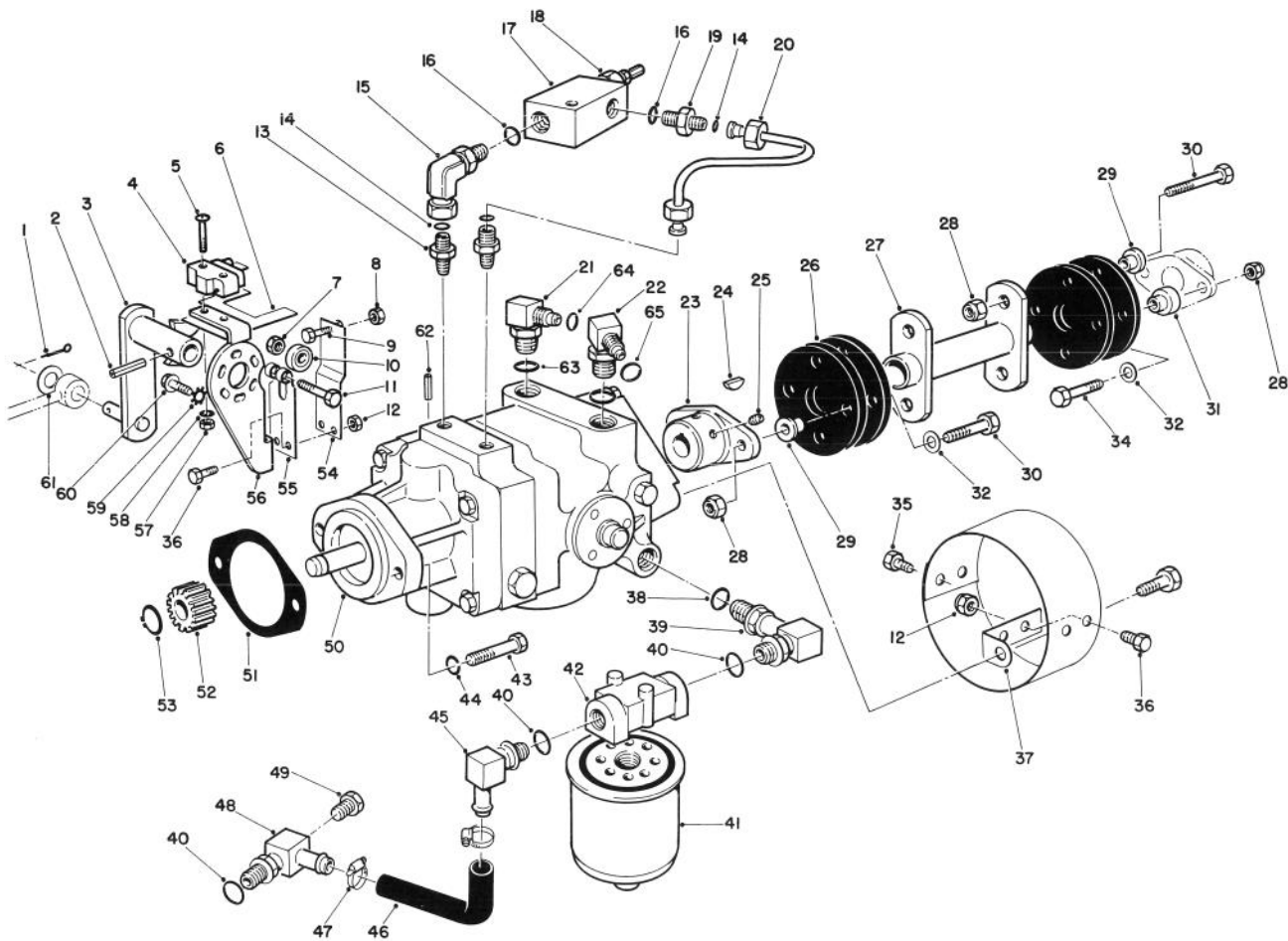
T-0909

HYDROSTATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used
1	3272-10	Pin - Cotter	1
2	32121-24	Pin - Roll	1
3	28-9570	Lever - Pump	1
4	29-6163	Switch - Micro	1
5	3249-11	Screw - Mach. Rd. Hd.	2
6	46-8810	Stop - Leaf, Spring	1
7	3296-29	Nut - Lock	1
8	3219-2	Nut - Hex	1
9	3210-7	Screw - Cap, Hex. Hd.	1
10	251-259	Bearing - Ball	1
11	322-17	Screw - Cap, Hex. Hd.	1
12	3296-42	Nut - Lock	6
13	340-107	Fitting - Straight	2
14	237-21	O-Ring	3
15	340-143	Elbow - Swivel	1
16	237-78	O-Ring	2
17	73-3710	Body - Valve, Relief	1
18	72-3720	Cartridge - Valve, Relief	1
*	72-3730	Seal Kit (Relief Valve)	1
*	72-3540	Valve - Relief Adj. (Incl. Ref.#17 & 18)	1
19	340-92	Adapter - Straight	1
20	72-3550	Tube Assembly	1
21	340-77	Elbow - Fitting	1
22	340-99	Elbow - Fitting	1
23	33-4380	Hub - Pump	1

Ref. No.	Part No.	Description	No. Used
24	3257-32	Key - Woodruff	1
25	3241-5	Screw - Set, Sq. Hd.	2
26	44-2230	Coupling - Rubber	4
27	71-4400	Coupling - Drive	1
28	32152-1	Nut - Lock	8
29	71-4411	Spacer - Coupling, Rubber	6
30	322-8	Screw - Cap, Hex. Hd.	6
31	71-4410	Spacer - Coupling, Rubber	2
32	3256-3	Washer - Flat	4
34	322-10	Screw - Cap, Hex. Hd.	2
35	321-2	Screw - Cap, Hex. Hd.	2
36	321-4	Screw - Cap, Hex. Hd.	4
37	54-9240	Bracket	2
38	237-80	O-Ring	1
39	68-8660	Elbow - Fitting	1
40	237-81	O-Ring	3
41	67-8110	Filter - Oil	1
42	68-8990	Head - Filter	1
43	323-7	Screw - Cap, Hex. Hd.	2
44	3253-21	Washer - Lock	2
45	353-987	Elbow - Fitting	1
46	68-9650	Hose - Axle	1
47	2412-34	Clamp - Hose	2
48	70-2620	Elbow - Fitting	1
49	353-508	Plug - Drain	1
50	71-4370	Transmission - Inline	1

*Not Illustrated

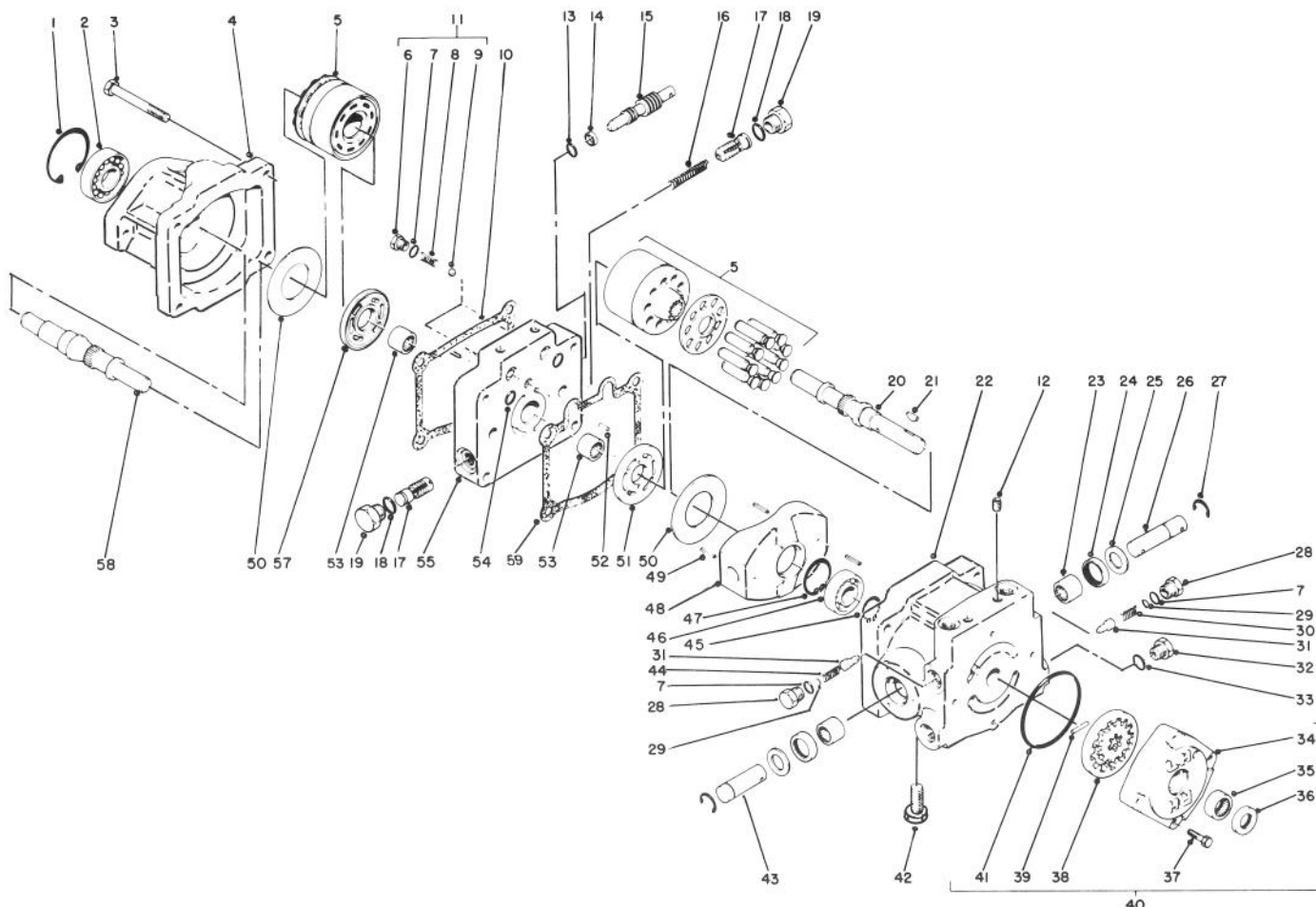


T-0909

HYDROSTATIC TRANSMISSION (Continued)

Ref. No.	Part No.	Description	No. Used
51	41-8760	Gasket - Transmission	1
52	23-4810	Gear - Output, Trans.	1
53	32120-72	Ring - Retaining	1
54	29-6170	Spring - Leaf, Extended	1
55	29-6150	Spring - Leaf	1
56	29-6120	Plate - Pump	1
57	3217-6	Nut - Hex	2
58	3254-9	Washer - Lock	2

Ref. No.	Part No.	Description	No. Used
59	3255-7	Washer - Lock	3
60	11-9760	Screw - Self Tapping	3
61	3256-6	Washer - Flat	1
62	32121-6	Pin - Roll	1
63	237-42	O-Ring	2
64	237-22	O-Ring	1
65	237-30	O-Ring	1

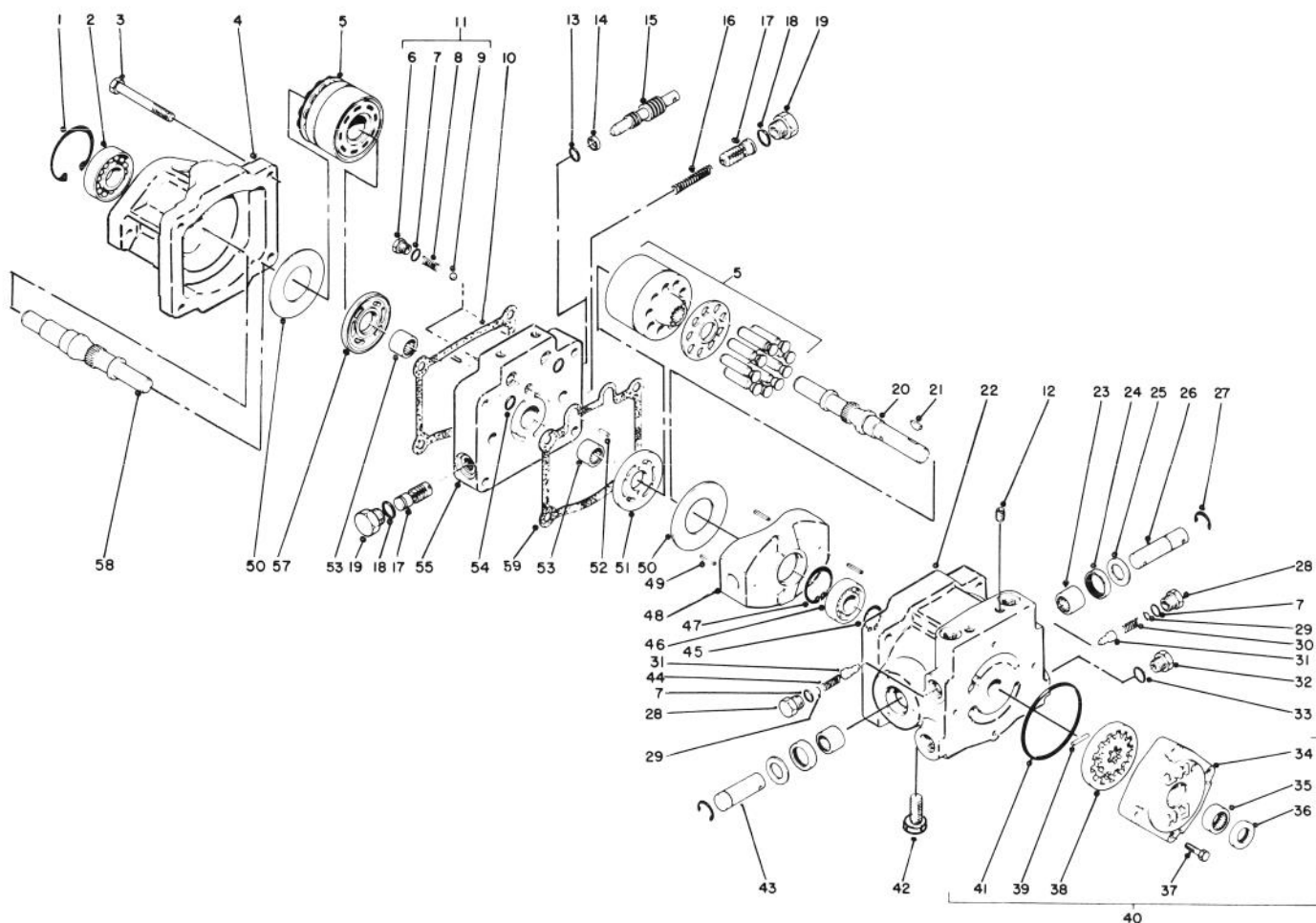


T-0425

TRANSMISSION ASSEMBLY NO. 71-4370

Ref. No.	Part No.	Description	No. Used
1	32120-8	Ring - Retaining	1
2	72-3750	Bearing - Ball	1
3	323-13	Screw - Cap, Hex. Hd.	4
4	67-9080	Housing - Motor	1
5	48-1800	Cylinder Block Kit	2
6	25-2650	Check Valve Plug	2
7	237-86	O-Ring	4
8	252640	Valve Spring	2
9	252490	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	252610	Accel. Valve Spring	1
17	25-2410	Accel. Valve Assembly	2
18	76-1900	O-Ring	2
19	353-550	Plug - Hex. Hd.	2
20	75-9560	Pump Shaft	1
21	3257-32	Key - Woodruff	1
22	54-7890	Pump Housing (Incl. Ref. #12 & 23-25)	1
23	252-82	Bearing - Bearing	2
24	25-3210	Lip Seal	2

Ref. No.	Part No.	Description	No. Used
25	25-2510	Washer - Flat	2
26	25-2580	Trunion Shaft	1
27	32151-46	Ring - Retaining	2
28	25-2460	Plug - Hex. Hd.	2
29	25-2470	Shim Pack	2
30	25-2570	Valve Spring	1
31	25-2560	Relief Valve Cone	2
32	353-551	Plug - Hex. Hd.	1
33	237-80	O-Ring	1
34	25-2550	Charge Pump Housing	1
35	67-8050	Bearing - Needle	1
36	67-8060	Lip Seal	1
37	322-4	Screw - Cap, Hex. Hd.	4
38	25-2680	Gerotor Assembly	1
39	25-2530	Headless Straight Pin	1
40	25-3190	Charge Pump (Incl. Ref. #34-39 & 41)	1
41	237-95	O-Ring	1
42	67-9090	Plug	1
43	25-2500	Trunion Shaft	1
44	25-2480	Valve Spring	1
45	32120-15	Ring - Retaining	1
46	251-8	Bearing - Ball	1
47	32120-11	Ring - Retaining	1
48	25-2450	Variable Swashplate	1
49	32121-91	Pin - Coil Spring	3

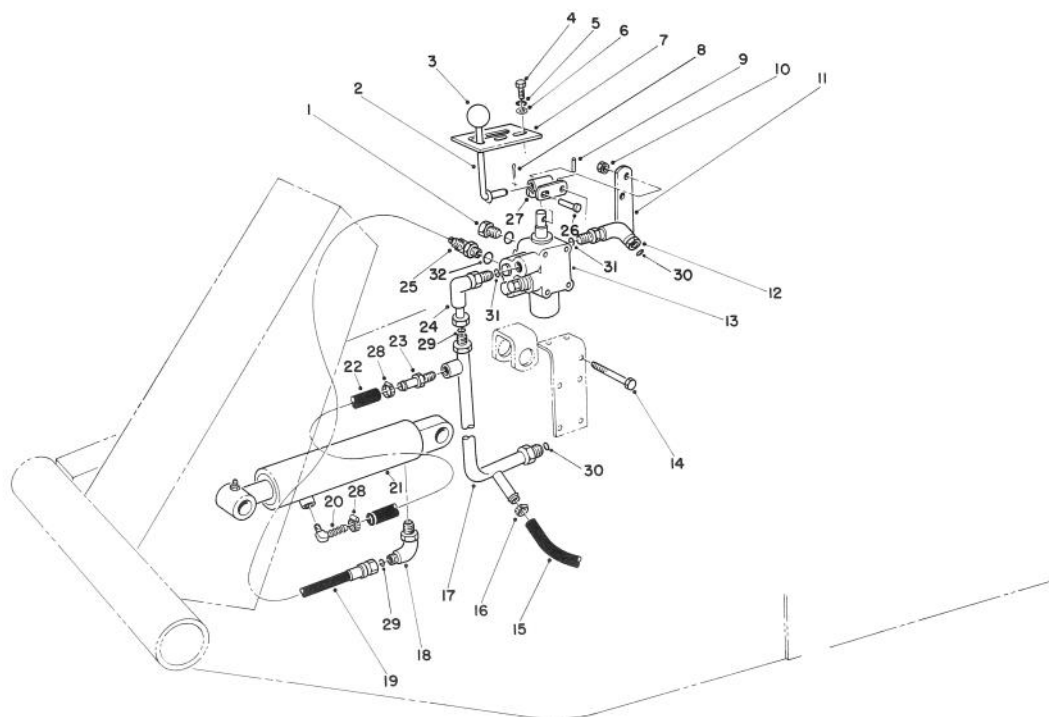


T-0425

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	Bearing - Needle	2
54	62-4290	O-Ring	2

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

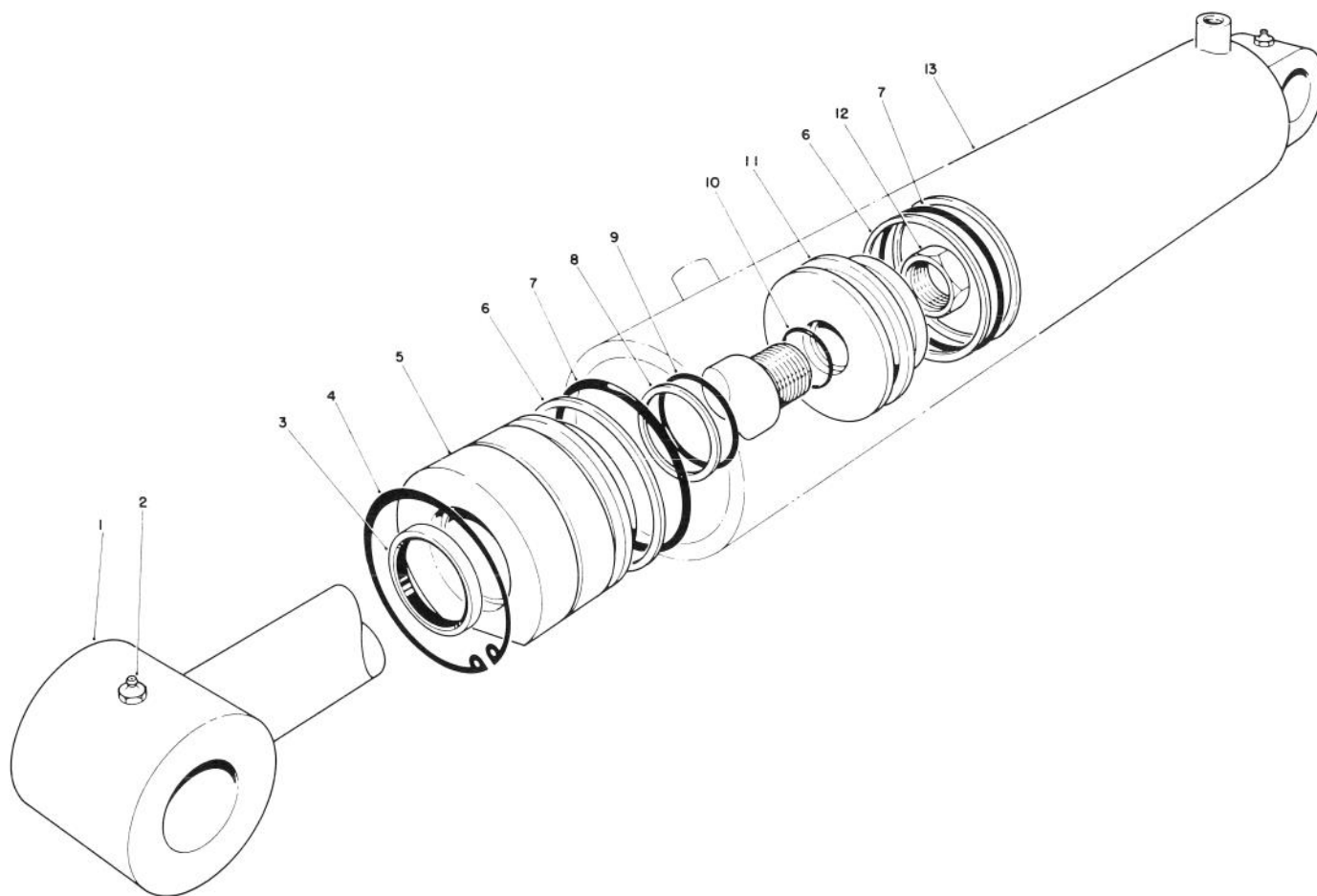


T-0426

VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	353-512	Plug	1	18	340-112	Elbow— 90°	1
2	21-8620	Lever Valve	1	19	71-3580	Hose - (Valve to Cylinder)	1
3	233-21	Knob	1	20	304-75	Fitting - 90° Barb	1
4	321-4	Screw - Cap, Hex. Hd.	2	21	62-4250	Cylinder - Hydraulic	1
5	3253-3	Washer - Lock	2	*	66-1250	Cylinder - Hydraulic (Optional)	1
6	3256-22	Washer - Flat	2	22	65-2970	Line - Gas	1
7	21-8640	Latch - Valve Lever	1	23	304-73	Fitting - Straight Barb	1
8	3272-6	Pin - Cotter	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				

*Not Illustrated



T-0859

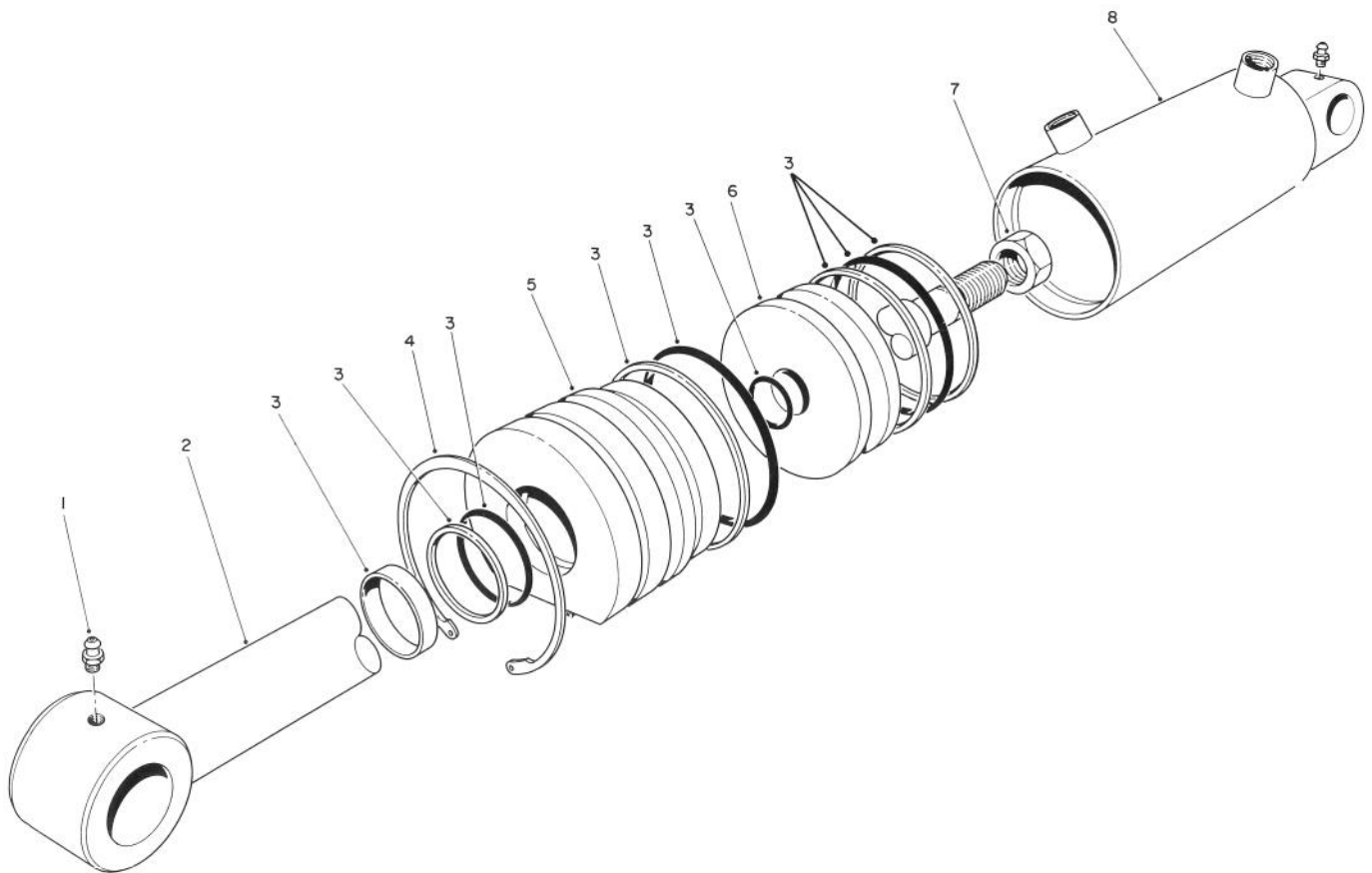
HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 62-4250 (2-1/2" Bore)

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 - Backup	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 Illustrated

†Not available separately.

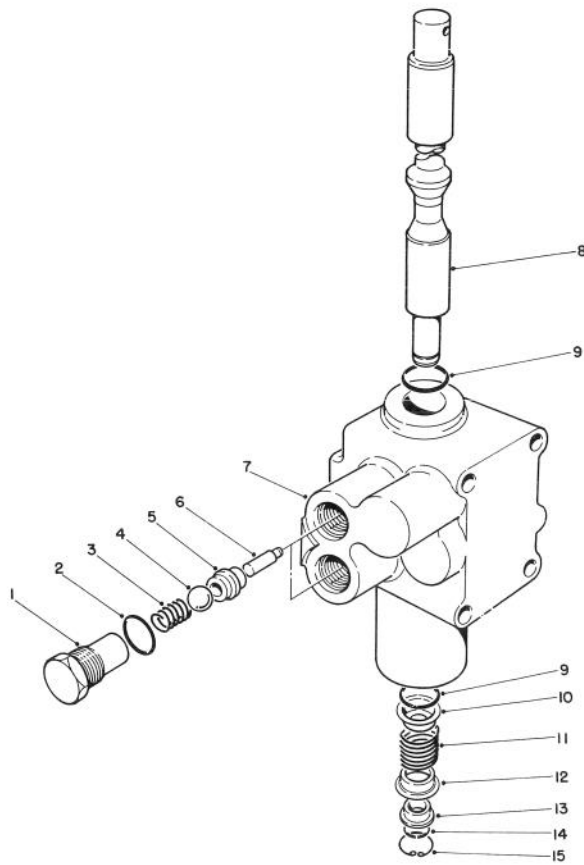


T-0527

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

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-55	Fitting - Grease	2	5	67-5460	Head	1
2	67-5480	Shaft	1	6	67-5450	Piston	1
3	67-5500	Repair Kit	1	7	60-9760	Nut - Hex	1
4	67-5470	Ring - Retaining	1	*8		Barrel	1

*Not available separately.

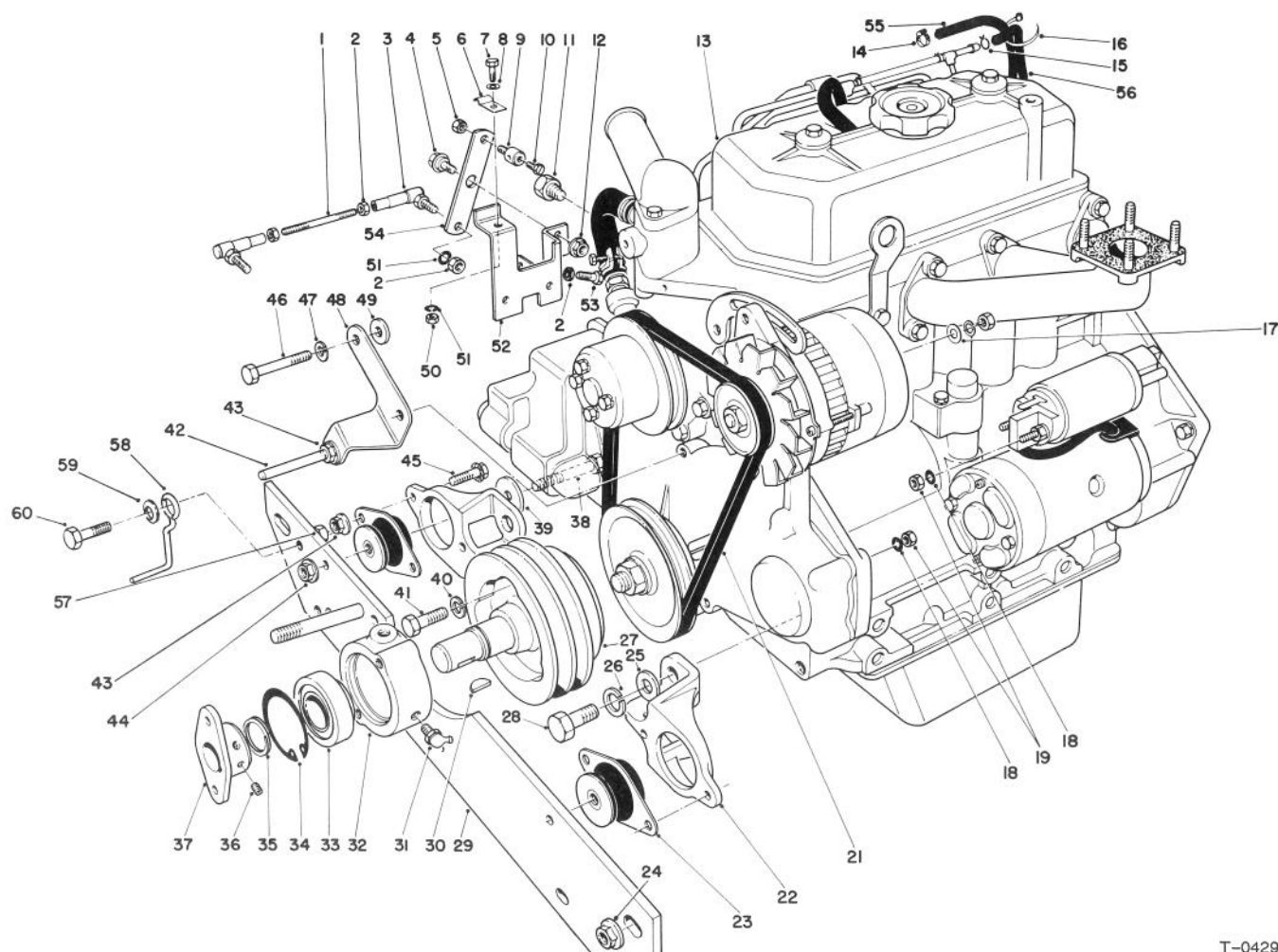


T-0428

CONTROL VALVE ASSEMBLY NO. 43-1710

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

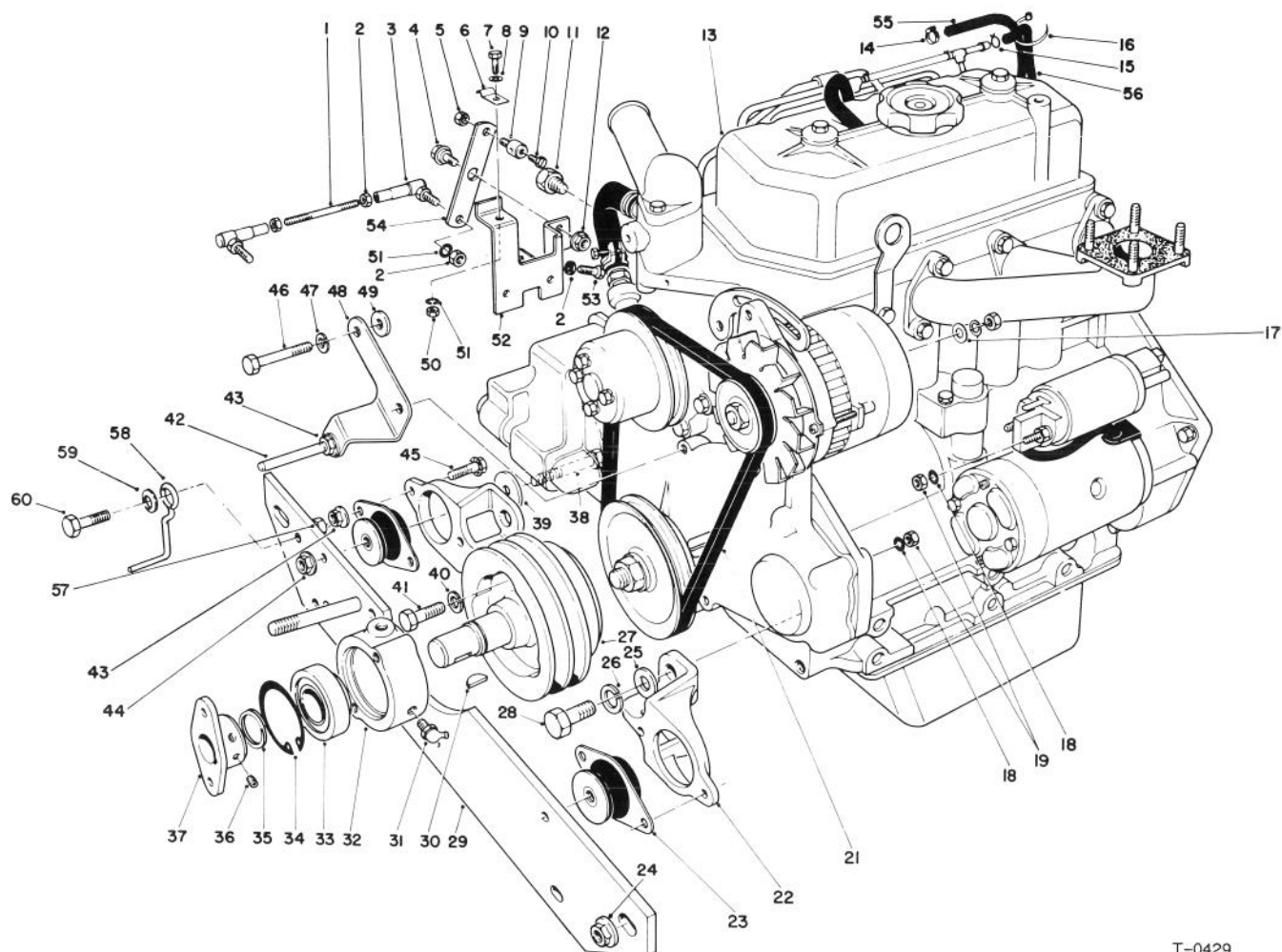
Ref. No.	Part No.	Description	No. Used
8	22-8420	Spool	1
10	22-8380	Spring Retainer	1
11	22-8410	Spring	1
12	22-8390	Spring Retainer	1
13	22-8400	Spacer Float	1
14	22-8480	Spring Ring Spool	1
15	22-8490	Snap Ring	1



T-0429

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-3770	Link - Throttle	1	28	43-3210	Screw - Cap, Hex. Hd.	4
2	3219-1	Nut	5	29	75-9900	Engine Support - Front	1
3	18-1720	Ball Joint Assembly	2	30	3257-33	Key - Woodruff	1
4	37-8770	Bolt - Shoulder	1	31	302-10	Fitting - Grease	1
5	3296-20	Nut - Lock	1	32	43-3720	Collar - Bearing	1
6	2412-31	Clamp - Bodine	1	33	251-252	Bearing - Ball	1
7	321-4	Screw - Cap, Hex. Hd.	1	34	32120-22	Ring - Retaining, Internal	1
8	3256-22	Washer - Flat	1	35	32120-69	Ring - Retaining, External	1
9	43-3780	Swivel - Throttle Control	1	36	3245-1	Screw - Set, Socket Head	2
10	25-8640	Screw - Machine	1	37	27-1960	Hub - Engine	1
11	43-1940	Adapter - Temp. Gauge	1	38	324-12	Screw - Cap, Hex. Hd.	2
12	32152-1	Nut - Lock, Flange	1	39	53-9480	Washer	2
13	43-1440	Engine	1	40	42-9600	Washer - Lock	3
14	2412-108	Clamp - Worm Drive	1	41	43-3190	Screw - Cap, Hex. Hd.	3
15	2412-79	Clamp	1	42	21-1820	Stud - Belt Retainer	2
16	3290-378	Cable Tie	1	43	3290-357	Nut - Lock, Flange	7
17	5-3637	Washer	1	44	32128-37	Nut - Lock, Flange	2
18	3254-2	Washer - Lock, Int. Tooth	3	45	3234-11	Screw - Cap, Hex. Hd.	4
19	42-9580	Nut	2	46	43-3220	Screw - Cap, Hex. Hd.	2
21	42-9100	Belt Fan	1	47	3253-4	Washer - Lock	2
22	53-9710	Engine Mount	2	48	43-3790	Bracket - Belt Guide	1
23	53-9680	Engine Mount - Rubber	2	49	4-2390	Washer	2
24	32128-23	Nut - Lock, Flange	2	50	3217-5	Nut	1
25	3256-64	Washer - Flat	4	51	3253-3	Washer - Lock	3
26	43-5950	Washer - Lock	4	52	43-3730	Bracket Throttle Control	1
27	43-3510	Pulley - Engine	1	53	329-7	Screw - Cap, Hex. Hd.	1

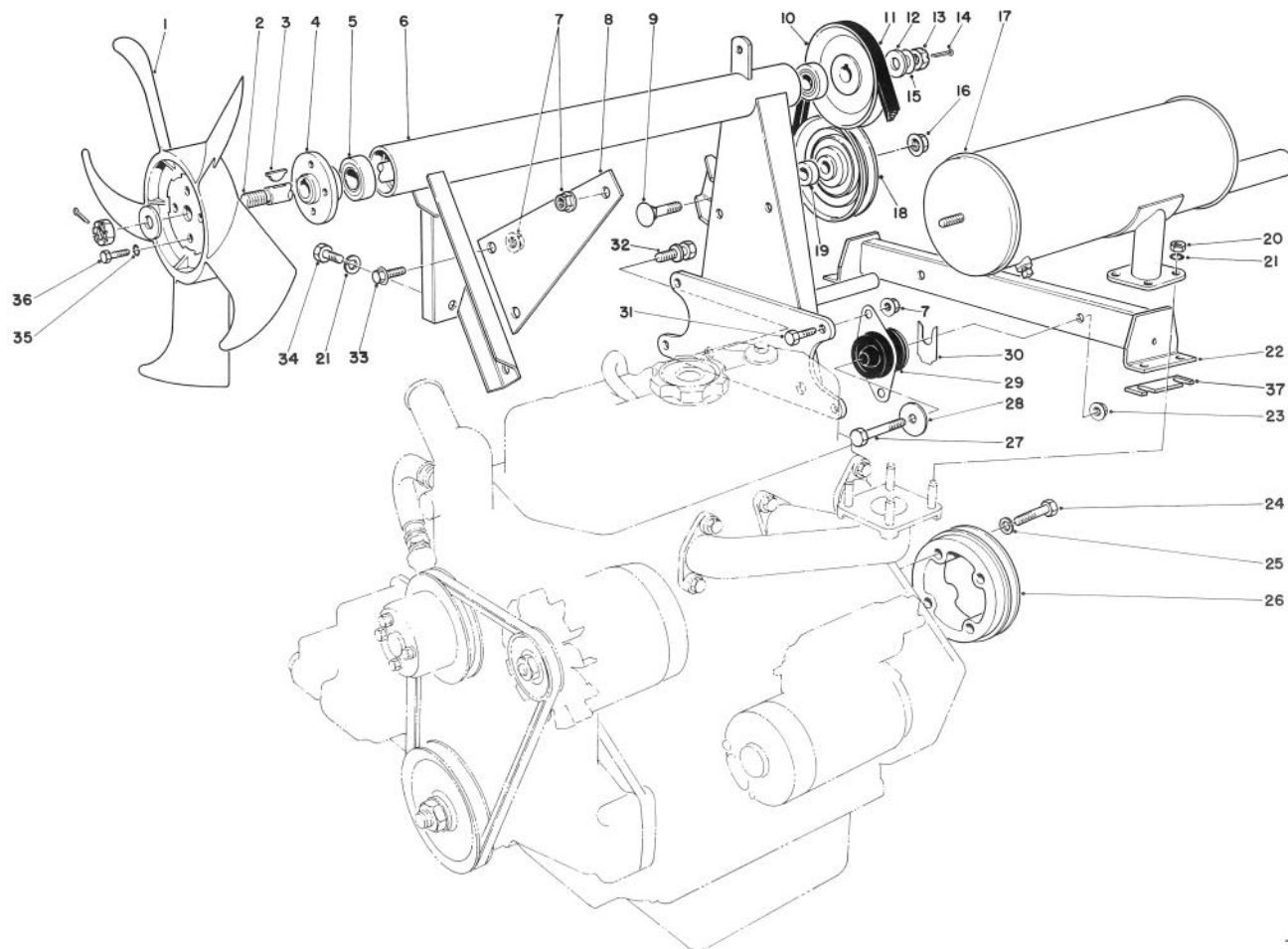


T-0429

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



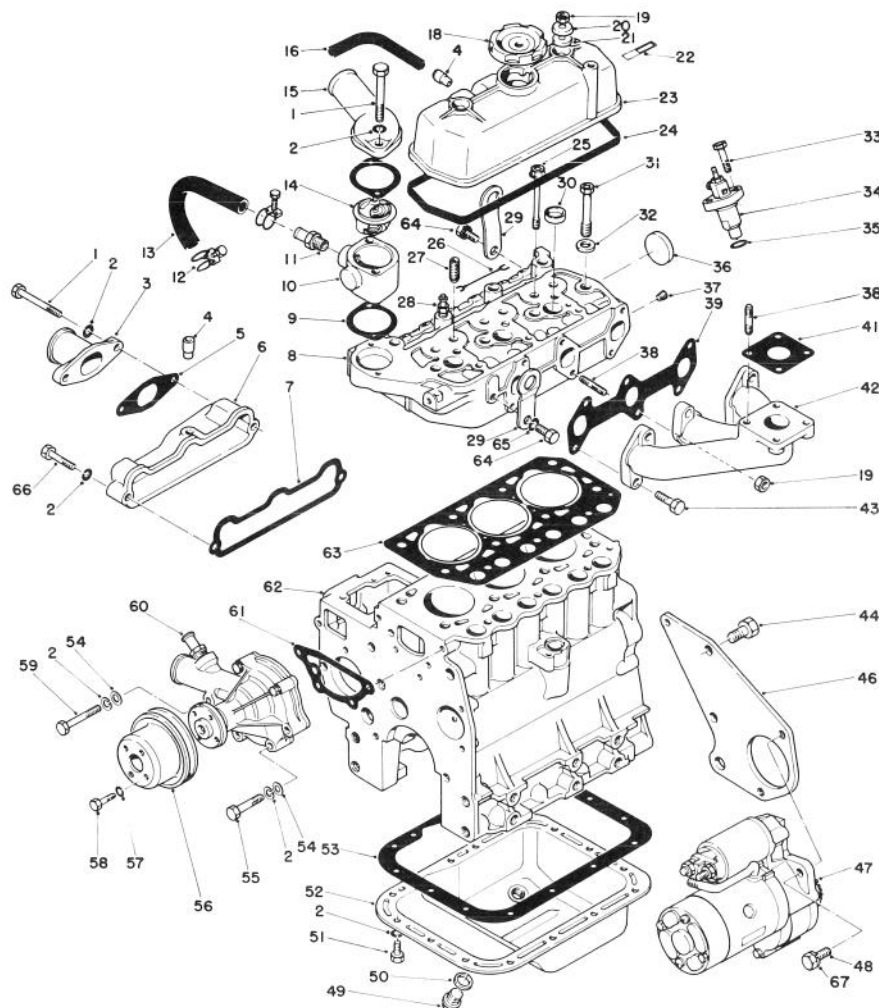
T-0430A

ENGINE ASSEMBLY (Continued)

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

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

*Not Illustrated

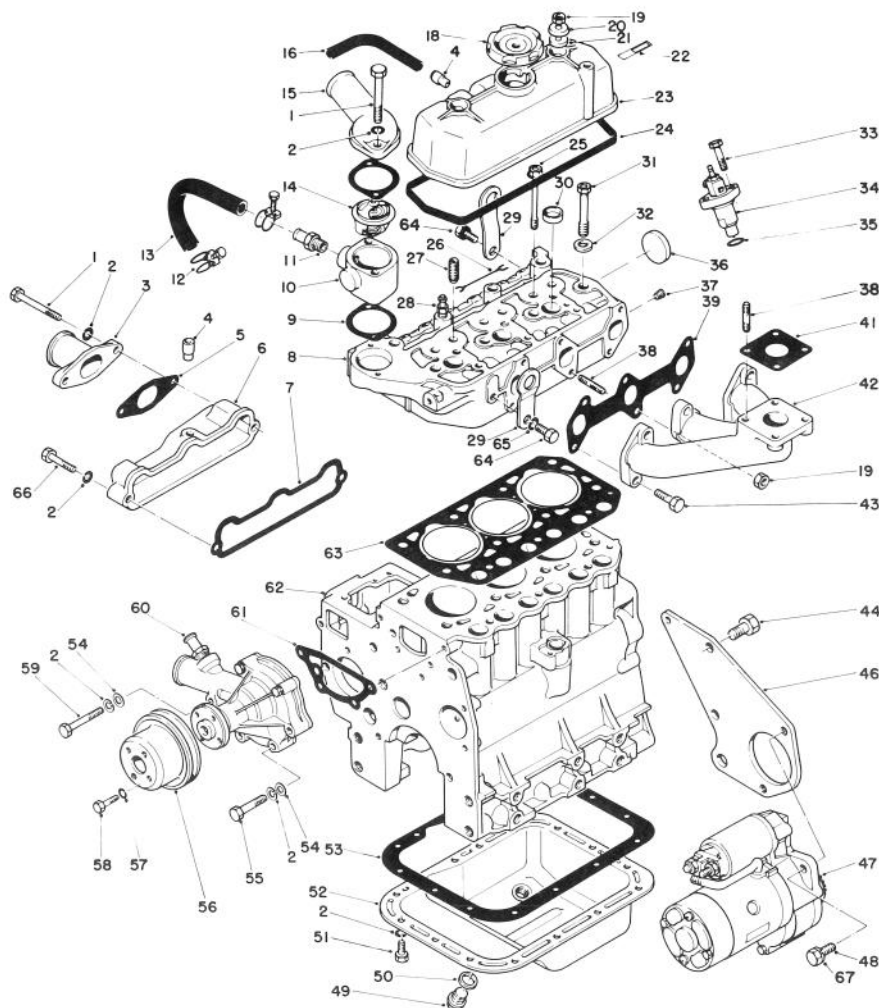


T-0431

ENGINE ASSEMBLY (Continued)

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

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

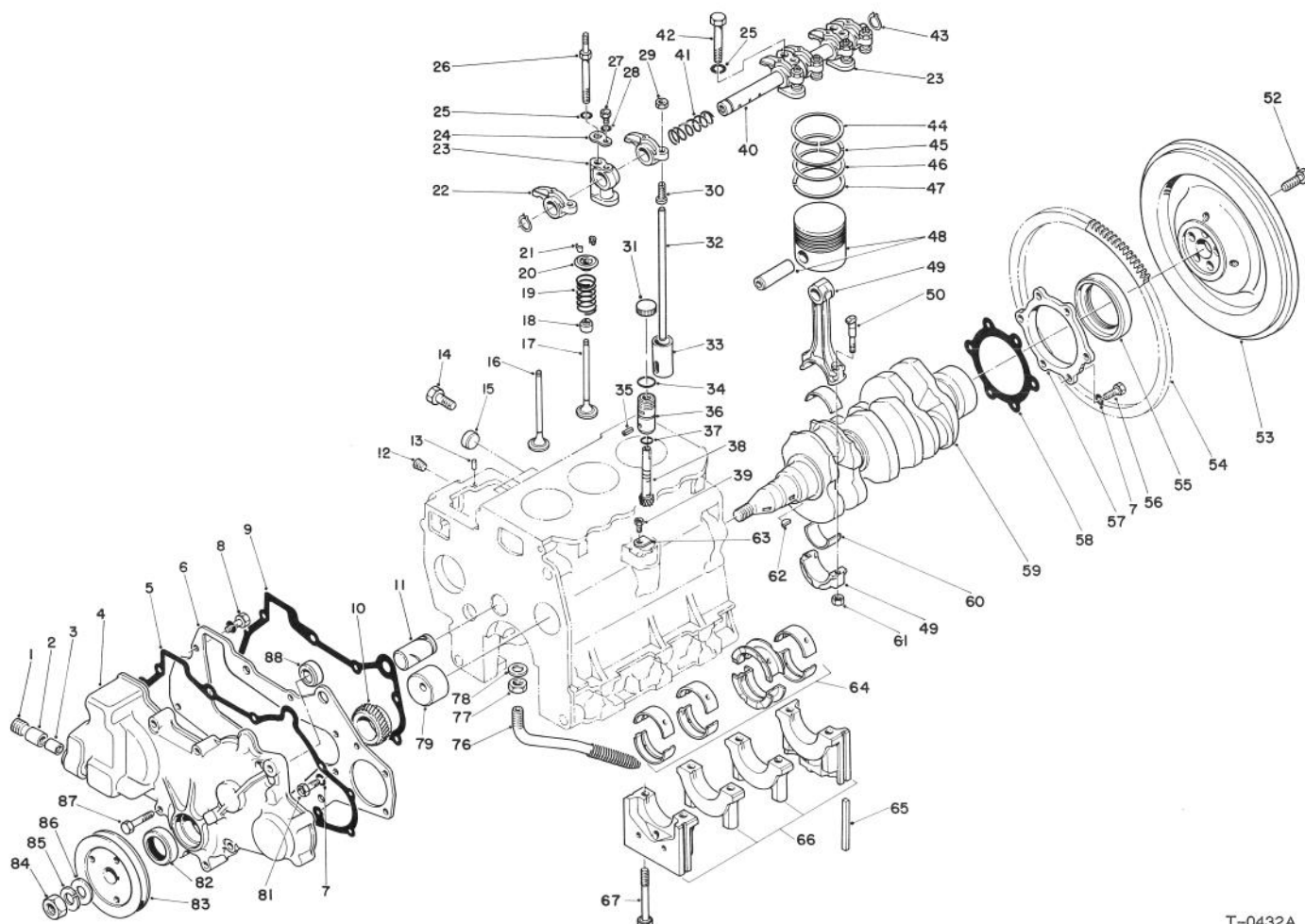


T-0431

ENGINE ASSEMBLY (Continued)

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

*Not Illustrated



T-0432A

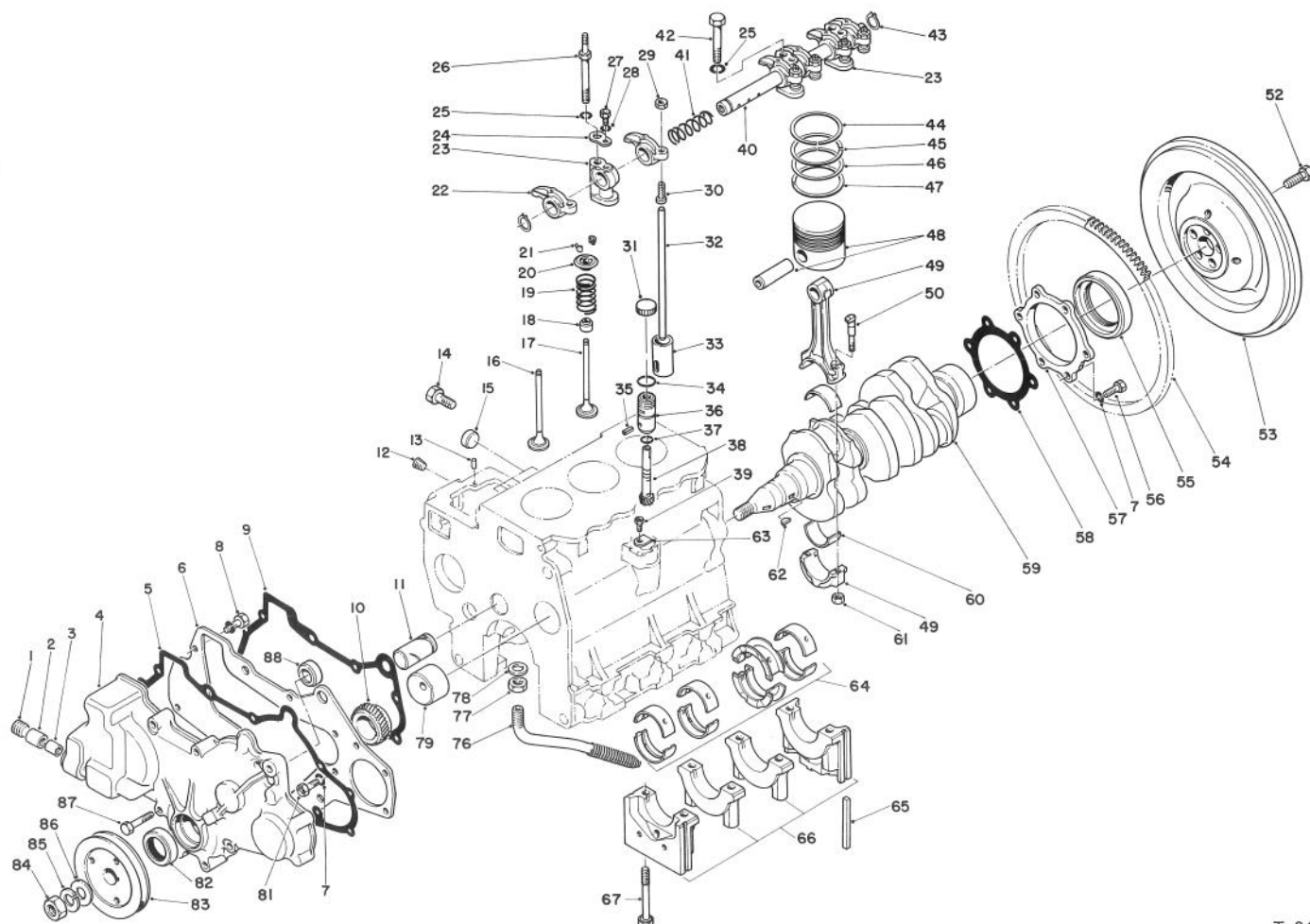
ENGINE ASSEMBLY (Continued)

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

Ref. No.	Part No.	Description	No. Used
30	42-7980	Screw - Adjusting	6
31	49-7990	Cap - Shipping	1
32	42-7920	Rod - Push	6
33	42-7890	Tappet	6
34	42-9010	O-Ring	1
35	42-8970	Pin - Spring	1
36	42-8980	Sleeve - Gear	1
37	42-8990	O-Ring	1
†38		Gear - Driven	1
39	42-9440	Screw - Cap, Hex. Hd.	1
40	42-7960	Shaft Assembly - Rocker	1
41	42-7930	Spring - Rocker Shaft L.H.	1
42	42-9370	Screw - Cap, Hex. Hd.	1
43	42-7990	Ring - Snap	2
44	72-4200	Ring - Set - Piston Std.	3
45	72-4210	Ring Set - Piston 0.25 (.010 in.) 0.5.	3
46	72-4220	Ring Set - Piston 0.50 (.020 in.) 0.5.	3
47	72-4230	Ring Set - Piston 0.75 (.030 in.) 0.5.	3
48	72-4240	Piston & Piston Pin Std.	3
*	72-4250	Piston & Piston Pin 0.25 (.010 in.) 0.5.	3
*	72-4260	Piston & Piston Pin 0.50 (.020 in.) 0.5.	3
*	72-4270	Piston & Piston Pin 0.75 (.030 in.) 0.5.	3

*Not Illustrated

†Not Serviced Separately



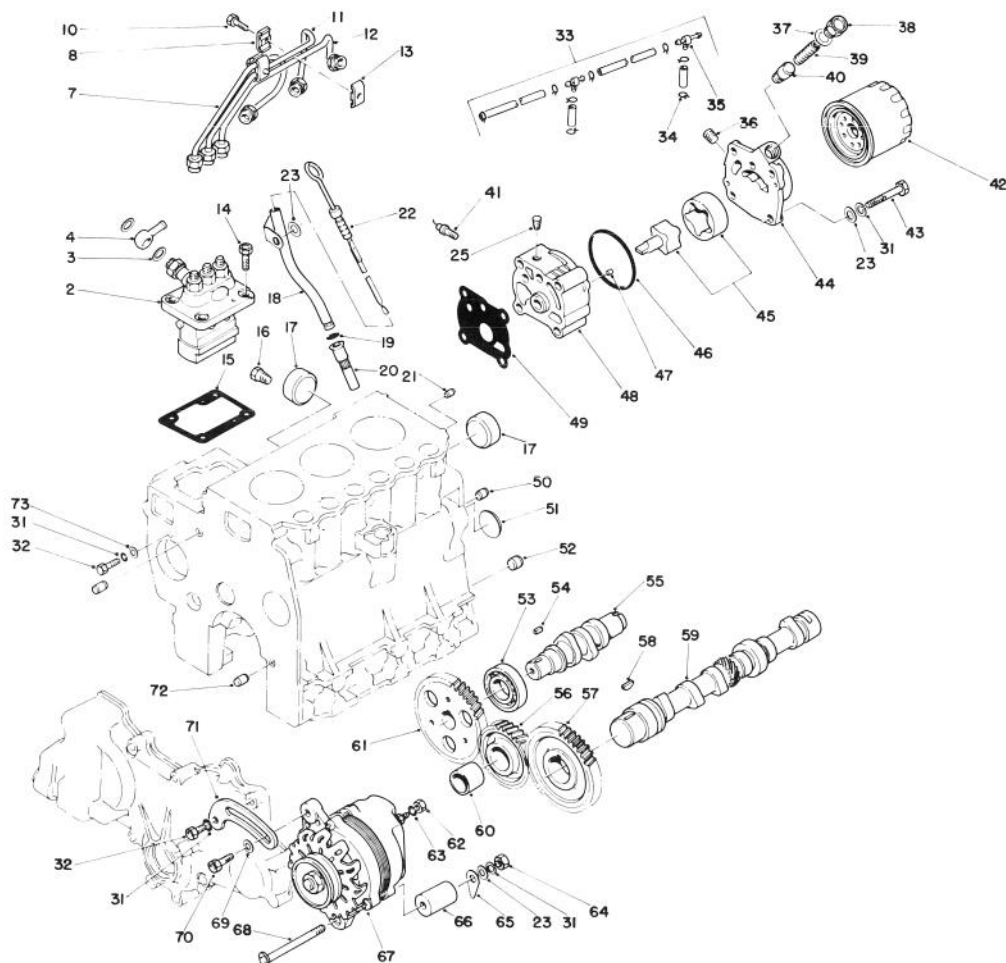
T-0432A

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

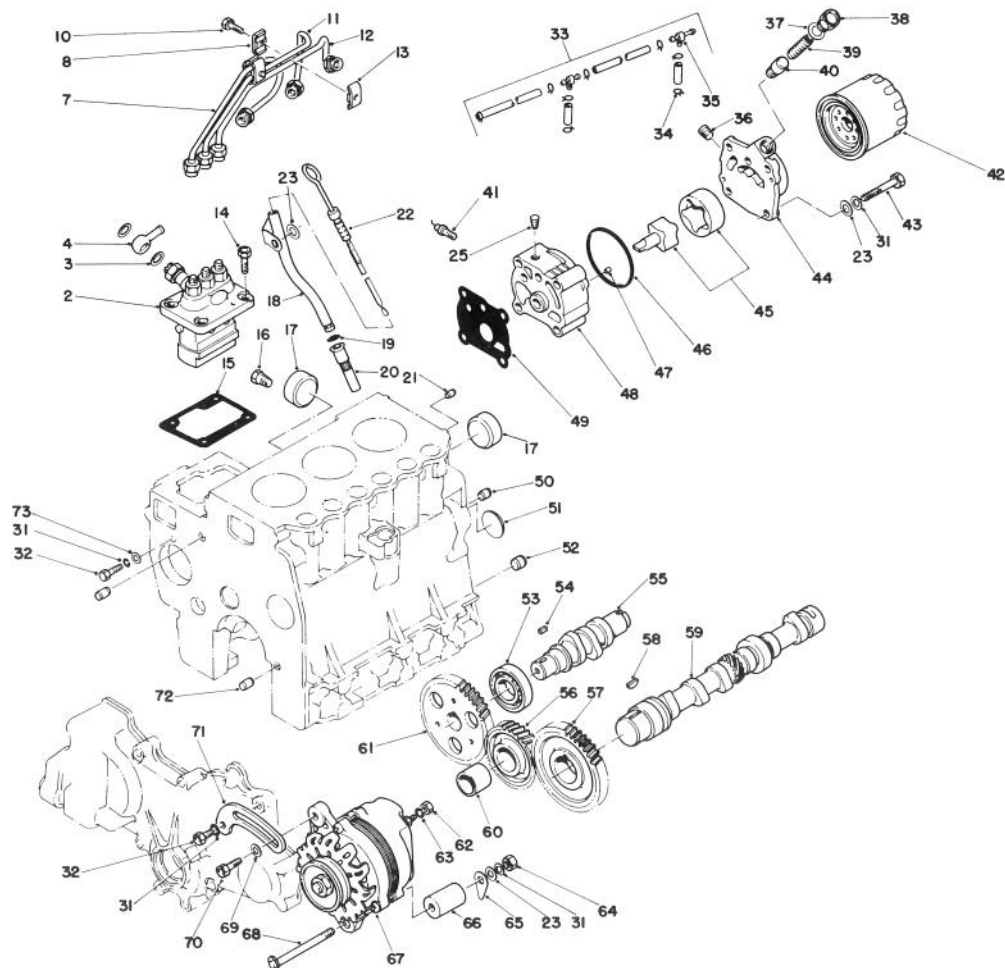


T-0433

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

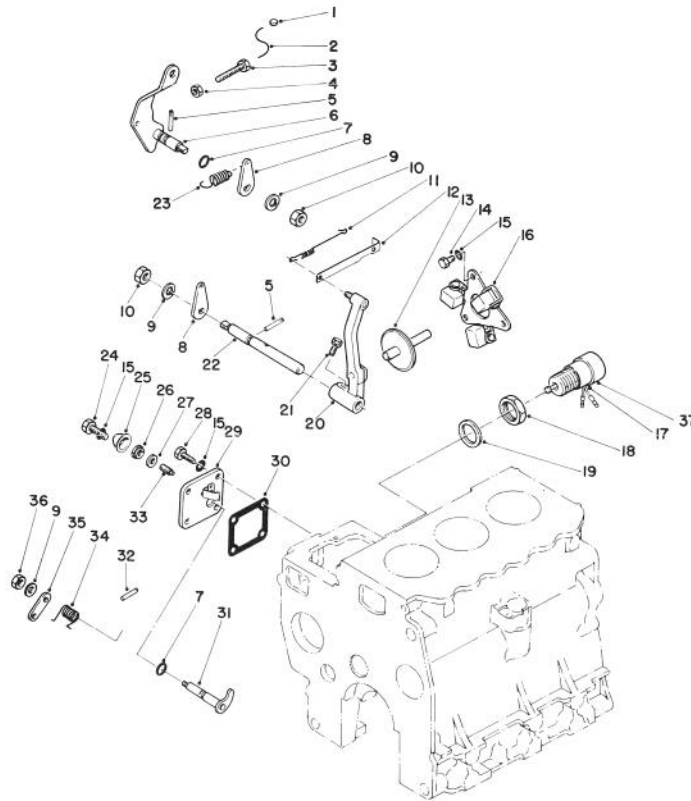


T-0433

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 - Idler 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

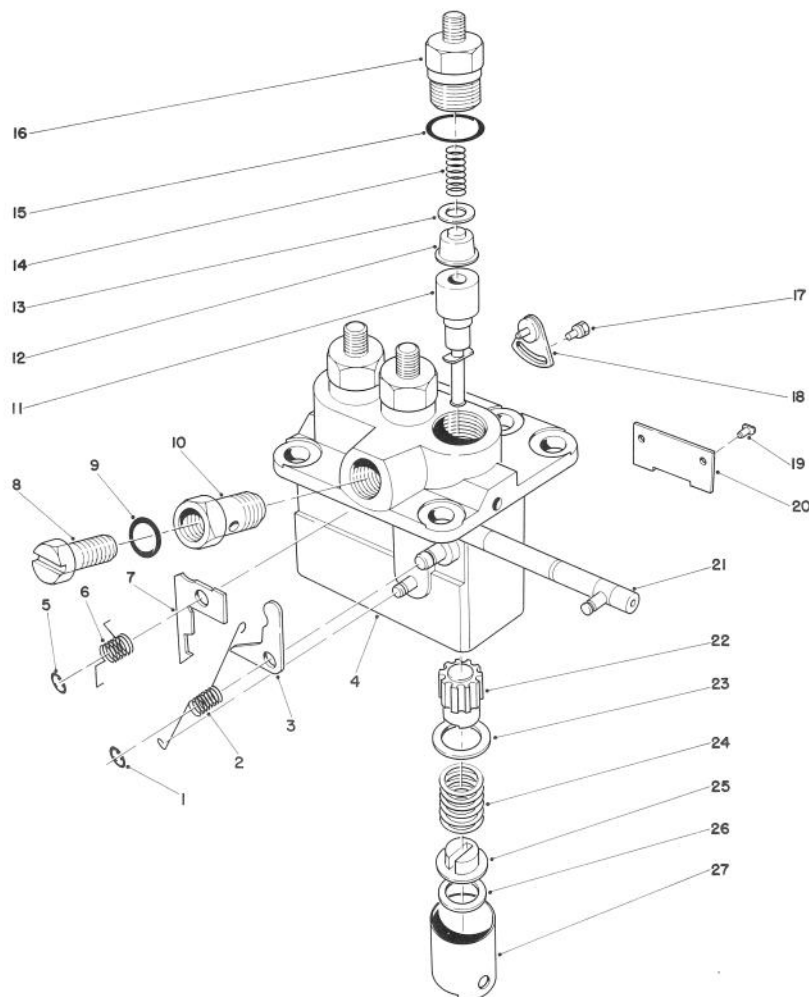


T-0434

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 Assy. - Governor	1
17	43-2730	Solenoid - Tubular	1
18	43-2750	Nut	1
19	43-2740	Gasket	1

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

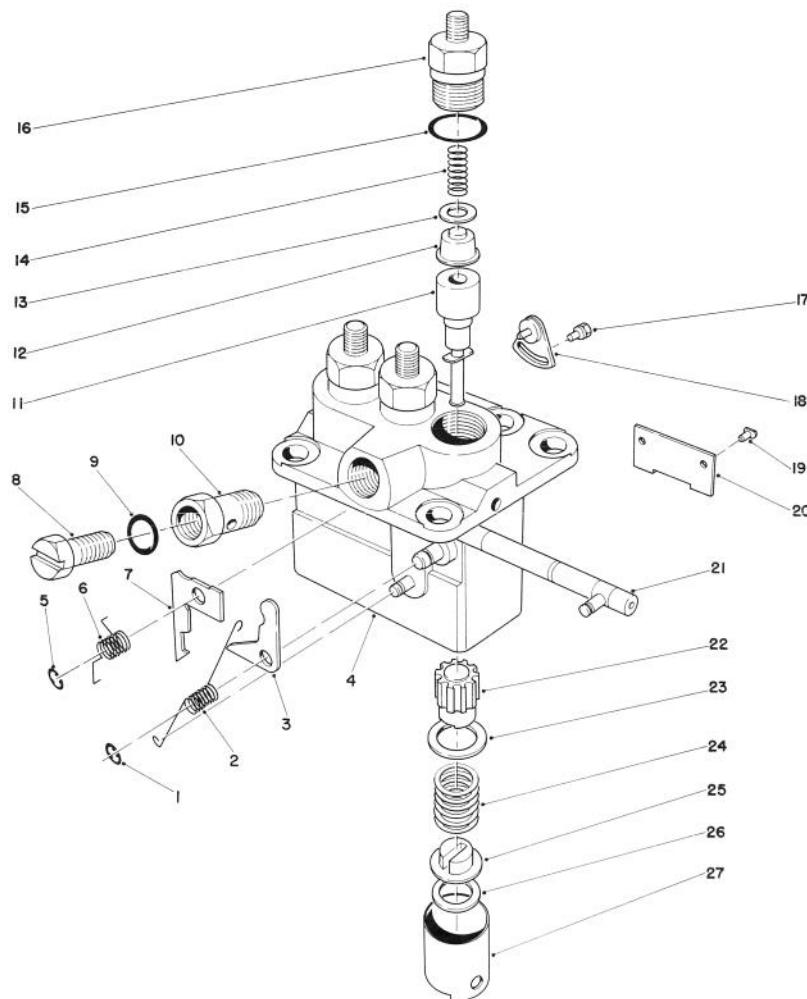


T-0435

FUEL INJECTION PUMP ASSEMBLY NO. 42-8000

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-3100	E-Ring	1	*7	56-0960	Plate - Smoke Set	
2	43-3110	Spring - Ungleich Set	1			2.7 (.106 in.)	A/R
3	43-2910	Plate - Ungleich Set		*	43-3030	Plate - Smoke Set	
		16.9 (.665 in.)	A/R			2.8 (.110 in.)	A/R
*	43-2920	Plate - Ungleich Set		*	54-8730	Plate - Smoke Set	
		16.8 (.661 in.)	A/R			2.9 (.114 in.)	A/R
*	43-2930	Plate - Ungleich Set		*	43-3040	Plate - Smoke Set	
		16.7 (.657 in.)	A/R			3.0 (.118 in.)	A/R
*	43-2940	Plate - Ungleich Set		*	54-8740	Plate - Smoke Set	
		16.6 (.654 in.)	A/R			3.1 (.122 in.)	A/R
*	43-2950	Plate - Ungleich Set		*	43-3050	Plate - Smoke Set	
		16.5 (.650 in.)	A/R			3.2 (.126 in.)	A/R
4		Pump Housing Sub Assy.	1	*	54-8750	Plate - Smoke Set	
5	54-8780	E-Ring	1			3.3 (.130 in.)	A/R
6	42-8460	Spring Return	1	*	43-3060	Plate - Smoke Set	
7	43-3000	Plate - Smoke Set				3.4 (.134 in.)	A/R
		2.2 (.087 in.)	A/R	*	54-8760	Plate - Smoke Set	
*	54-8700	Plate - Smoke Set				3.5 (.138 in.)	A/R
		2.3 (.091 in.)	A/R	*	43-3070	Plate - Smoke Set	
*	43-3010	Plate - Smoke Set				3.6 (.142 in.)	A/R
		2.4 (.095 in.)	A/R	*	54-8770	Plate - Smoke Set	
*	54-8710	Plate - Smoke Set				3.7 (.146 in.)	A/R
		2.5 (.098 in.)	A/R	*	43-3080	Plate - Smoke Set	
*	43-3020	Plate - Smoke Set				3.8 (.150 in.)	A/R
		2.6 (.102 in.)	A/R	*	43-3090	Plate - Smoke Set	
						4.0 (.157 in.)	A/R

*Not Illustrated



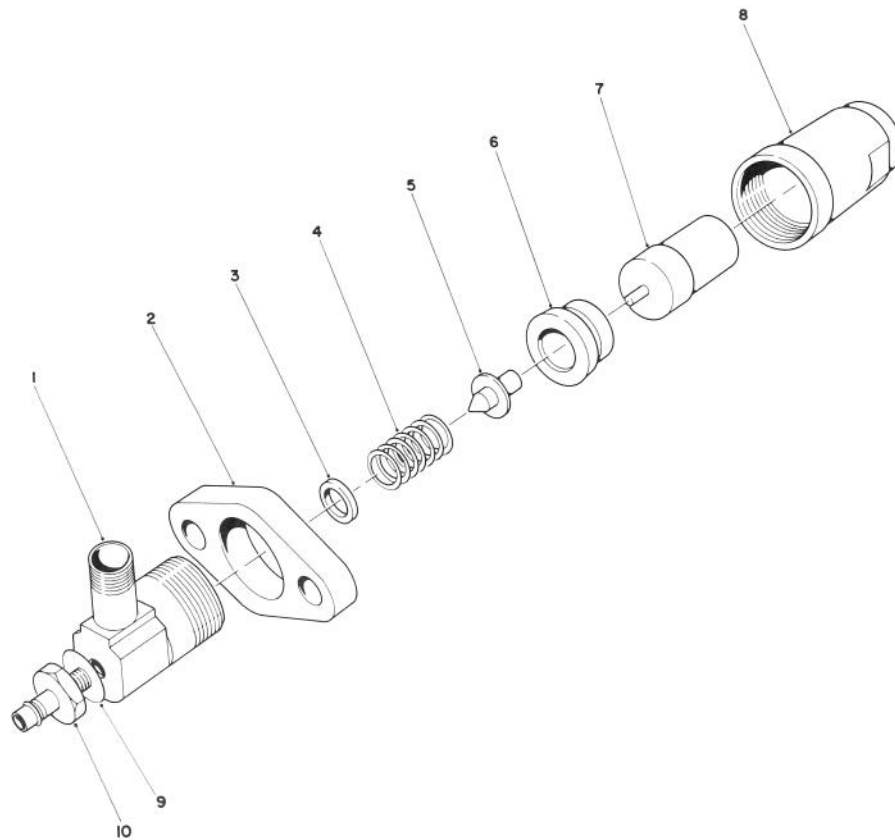
T-0435

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

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

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

*Not Illustrated



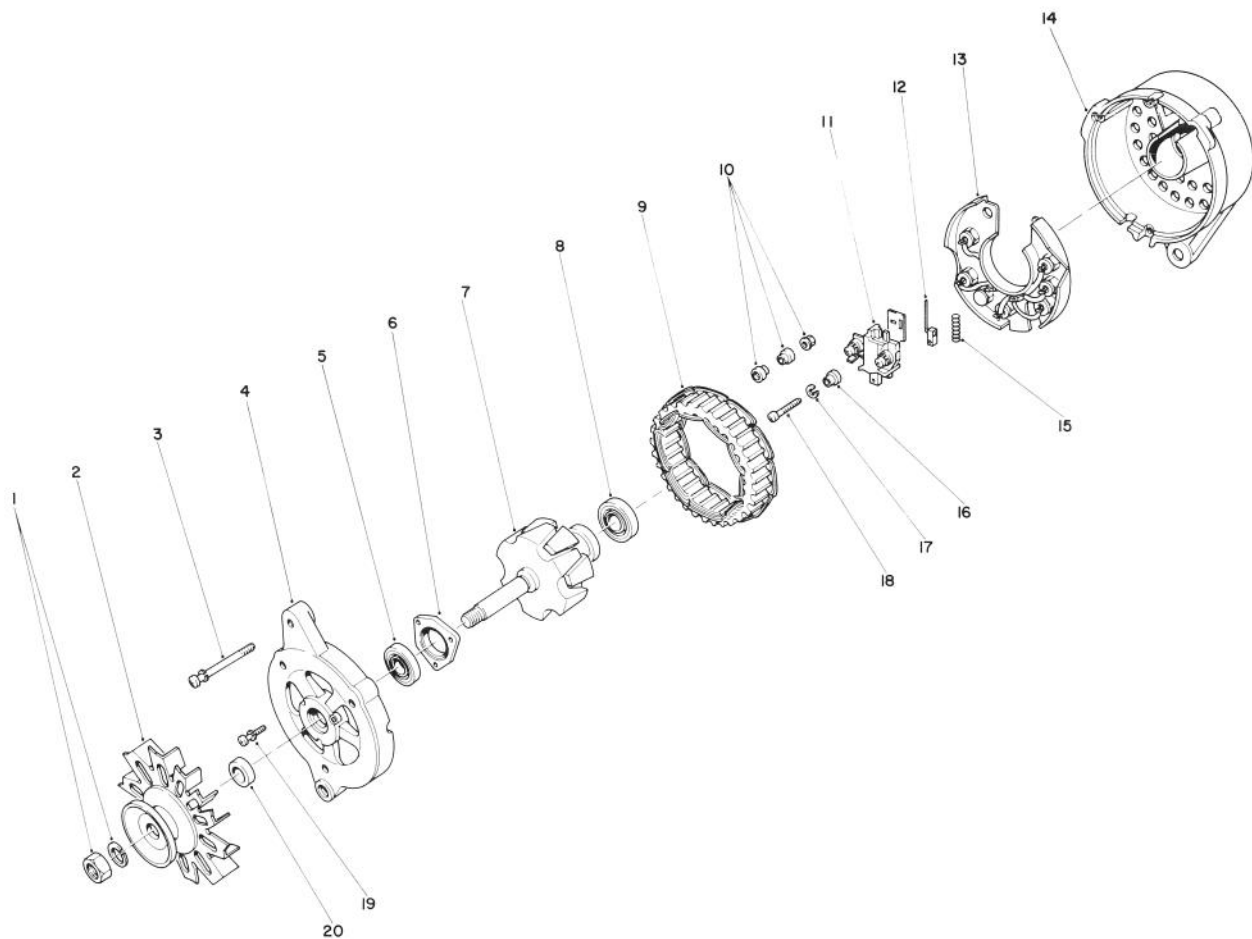
T-0436

NOZZLE & HOLDER ASSEMBLY NO. 44-8070

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

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

*Not Illustrated

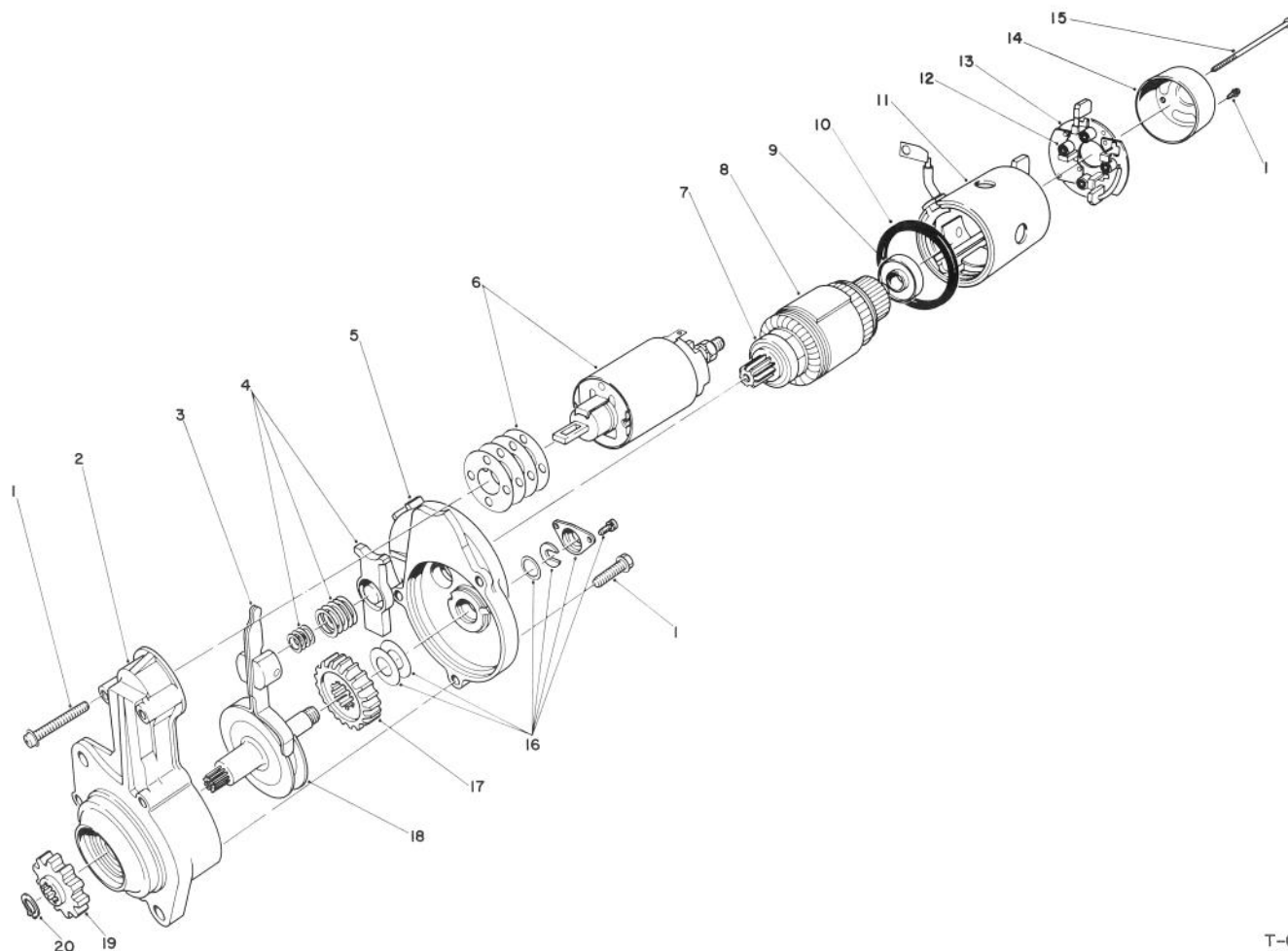


ALTERNATOR ASSEMBLY NO. 43-0390

T-0437

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 - 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



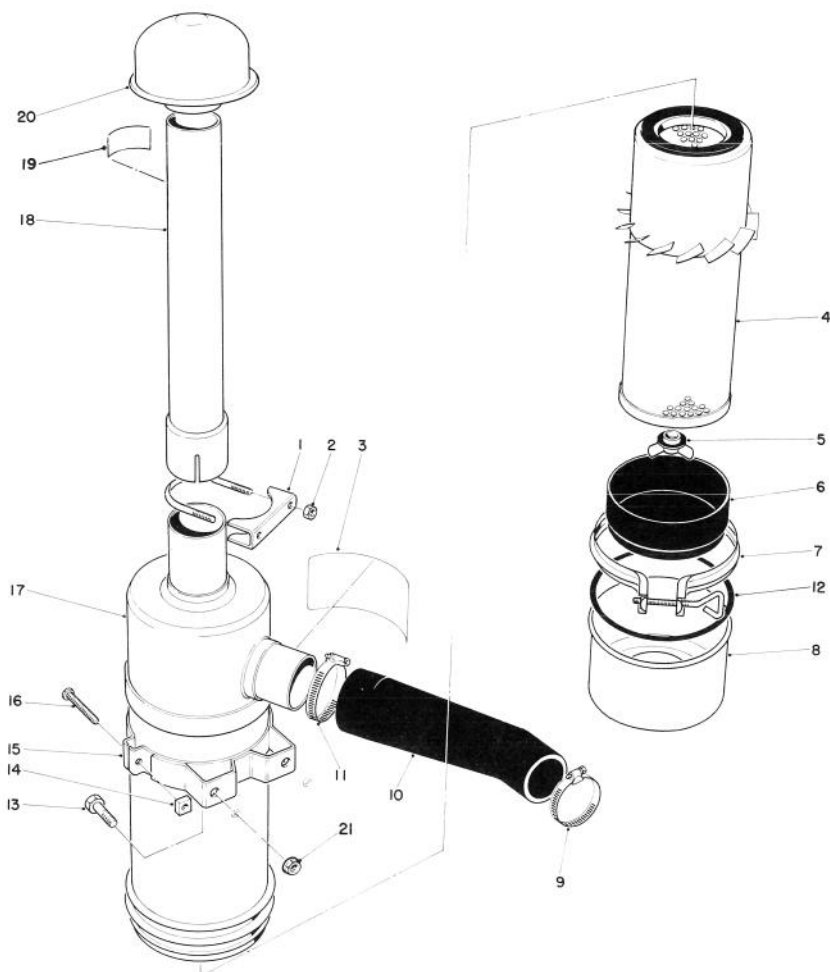
T-0438

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

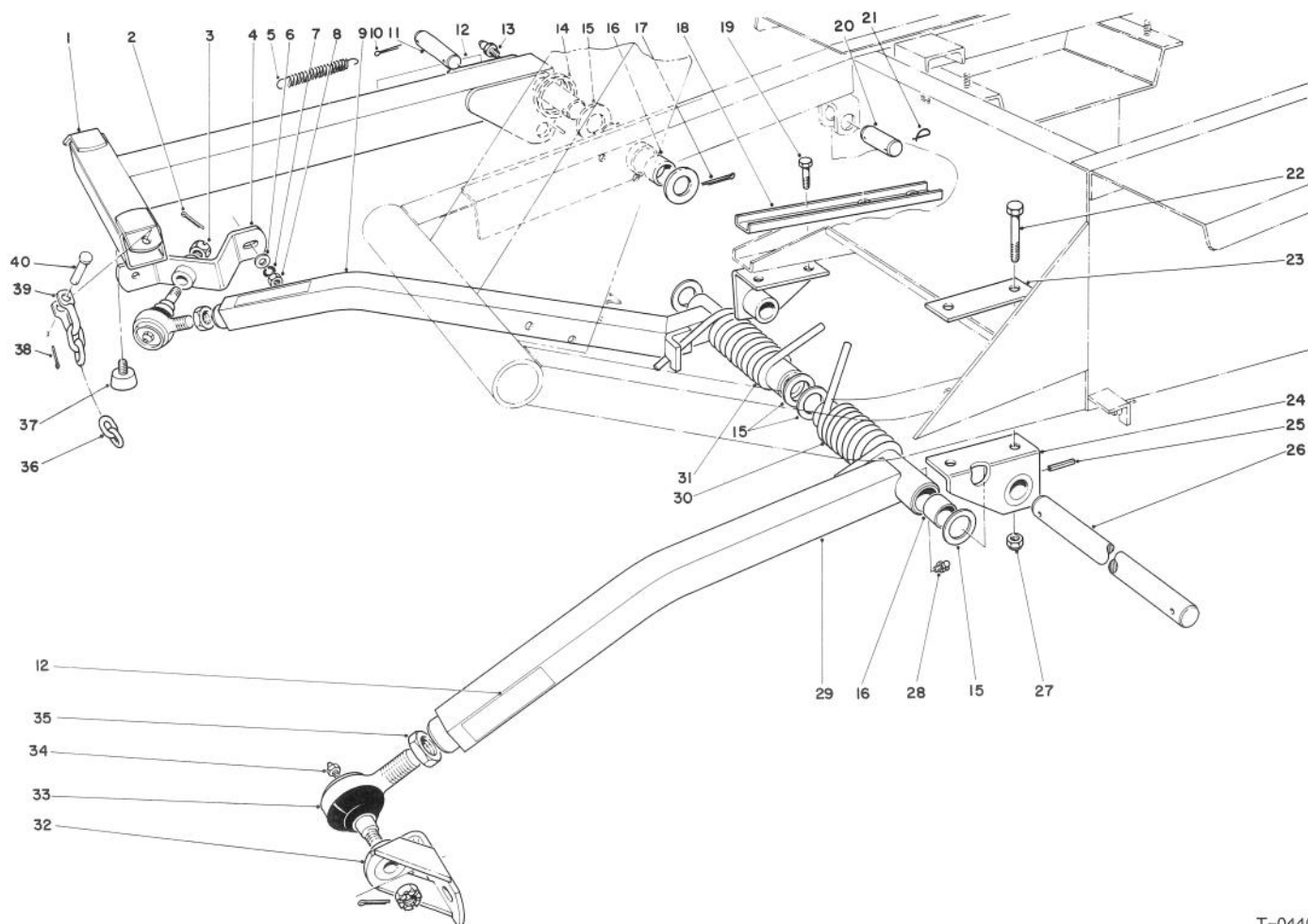


T-0439

AIR CLEANER ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
12	80-3330	Gasket	1
13	322-3	Screw - Cap, Hex. Hd.	4
14	32107-11	Nut	2
15	27-7170	Band Assy. (Incl. Ref. #14 & 16)	2
16	3258-19	Screw - Mach. Rd. Hd.	2
17	27-7100	Air Cleaner Assembly (Incl. Ref. #3-8)	1
18	43-3810	Tube - Air Cleaner	1
19	67-1700	Decal - Starting Fluid	1
20	27-7180	Cap Assembly - Air Inlet	1
21	32128-20	Nut - Flange	4

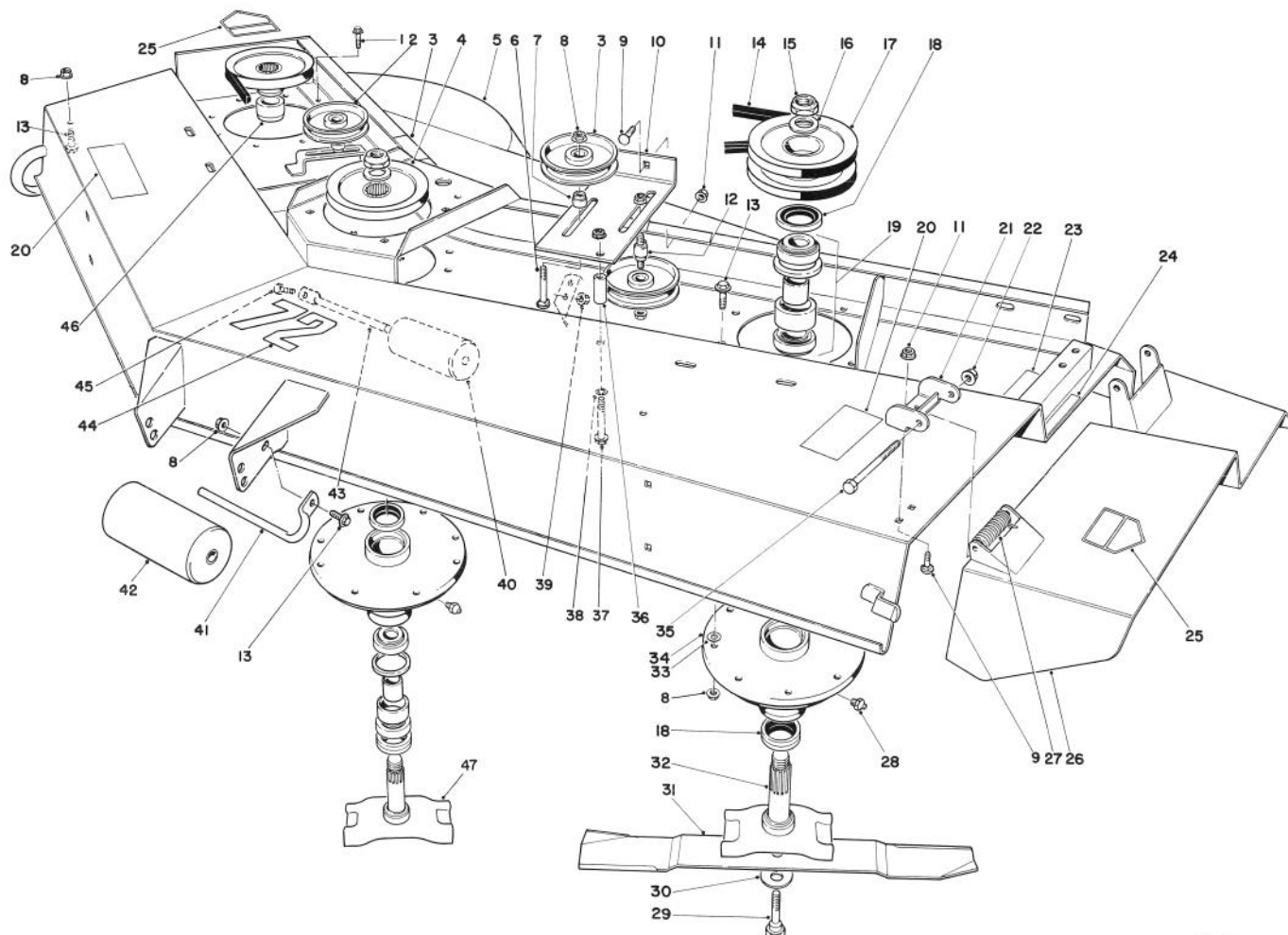


T-0440

PUSH ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-6370	Lift Arm	1
2	3272-11	Pin - Cotter	2
3	32136-2	Nut	2
4	21-3020	Ball Joint Mount R.H.	1
5	21-1830	Spring Tension	1
6	3256-25	Washer - Flat	1
7	3253-6	Washer - Lock	2
8	3217-8	Nut - Full	2
9	66-7150	Push Arm R.H. (Incl. Ref. #16 & 28)	1
10	3272-24	Cotter Pin	1
11	24-9510	Pin	1
12	61-3610	Warning Decal	3
13	302-5	Fitting - Grease	1
14	46-8840	Spring - Lift Arm	1
15	5-1754	Washer	6
16	256-126	Bushing	6
17	3272-33	Pin - Cotter	1
18	23-1950	Support - Reinforcement	1
19	324-4	Screw - Cap, Hex. Hd.	2
20	3-7292	Pin	1

Ref. No.	Part No.	Description	No. Used
21	5-3126	Pin - Spring	3
22	324-12	Screw - Cap, Hex. Hd.	2
23	21-3750	Support Plate	1
24	21-2860	Push Arm Bracket	2
25	32121-84	Pin - Roll	2
26	21-2990	Shaft - Pivot	1
27	32152-9	Nut	4
28	302-33	Fitting - Grease	2
29	21-2960	Push Arm L.H. (Incl. Ref. #16 & 28)	1
30	21-2900	Spring - Torsion L.H.	1
31	21-2890	Spring - Torsion R.H.	1
32	21-3050	Ball Joint Mount L.H.	1
33	21-0160	Ball Joint Assembly	2
34	302-2	Fitting - Grease	2
35	21-3000	Nut - Jam	2
36	3-1365	Chain - Lift	3
37	67-9800	Bumper	1
38	3272-10	Pin - Cotter	3
39	5-2942	Shackle	3
40	283-10	Pin	3

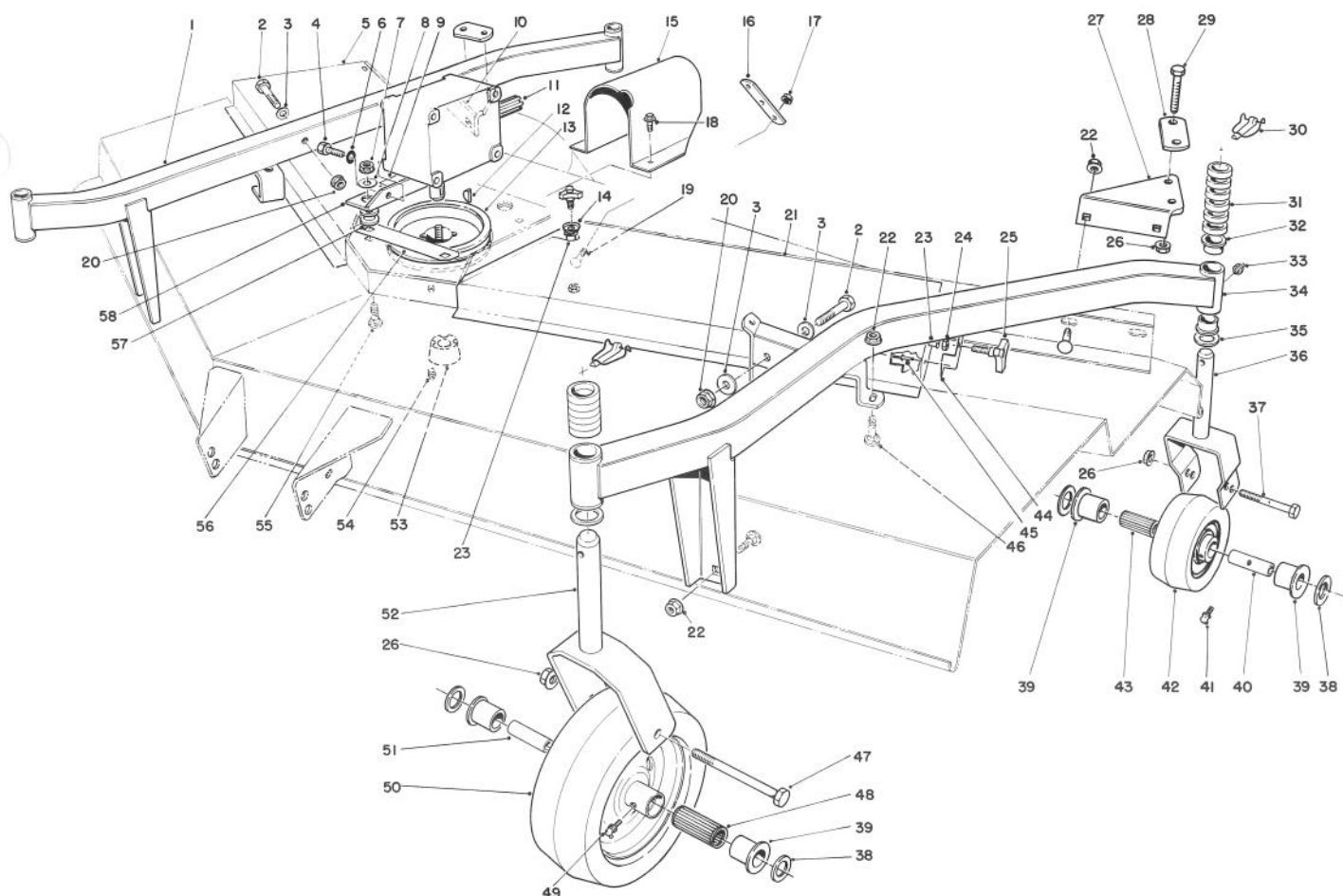


T-0441

CUTTING UNIT MODEL NO. 30722

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 53)	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 Assy. (Matched 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

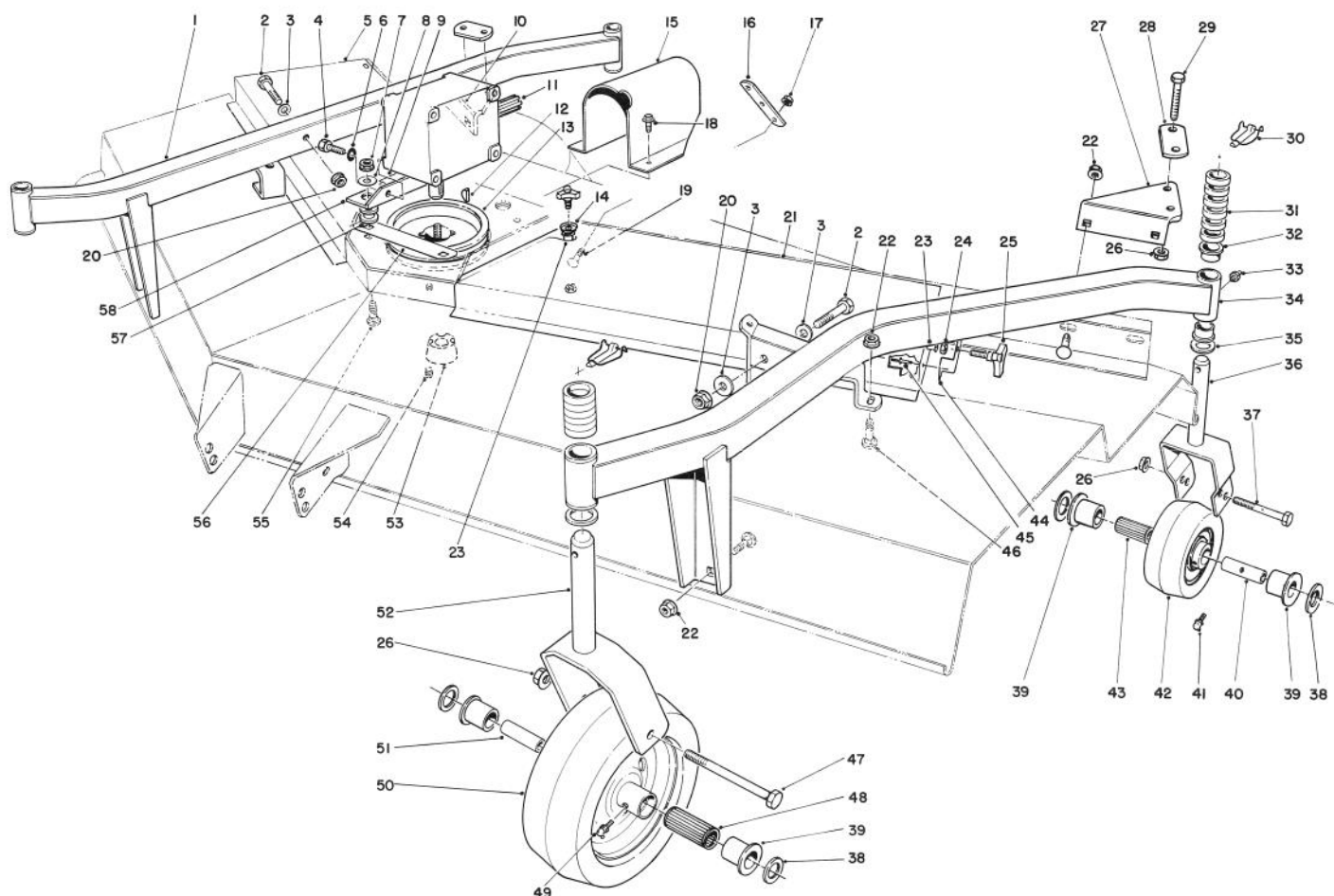


T-0442

CUTTING UNIT MODEL NO. 30722 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	26-1490	Caster Arm R.H. (Incl. Ref. #32)	1	24	3296-59	Nut - Lock	4
2	324-12	Screw - Cap, Hex Hd.	4	25	27-4570	Knob	4
3	66-6480	Washer - Flat	4	26	32128-23	Nut - Lock, Flange	8
4	323-4	Screw - Cap, Hex Hd.	4	27	39-7450	Bracket - Clamp	1
5	14-0809	Cover - Deck R.H. (Incl. Ref. #24, 25, 44-45)	1	28	39-3330	Bar - Caster Clamp	2
6	3253-21	Washer - Lock	4	29	325-14	Screw - Cap, Hex Hd.	4
7	32128-21	Nut - Flange	4	30	3290-384	Pin - Lynch	4
8	63-8410	Washer	4	31	63-0070	Spacer - 1/2	24
9	70-2560	Decal - Lube	1	32	28-9290	Bushing - Special	8
10	39-3340	Bracket - Clamp	1	33	302-5	Fitting - Grease	4
11	68-6810	Gear Case Assembly	1	34	26-1430	Caster Arm (Incl. Ref. #32)	1
12	3257-5	Key - Woodruff	1	35	3-6781	Washer	4
13	26-1400	Pulley - Deck	1	36	75-9680	Fork - Caster, Rear	2
14	66-6310	Washer - Cup	2	37	325-18	Screw - Cap, Hex Hd.	2
15	63-1970	Shroud - Universal	1	38	3256-6	Washer - Flat	8
16	21-3770	Strap - Lift	1	39	62-5580	Bushing	8
17	3290-357	Nut - Flange	4	40	63-1770	Spanner - Rear	2
18	32104-82	Screw - Cap, Self-Tapping	2	41	302-11	Fitting - Grease	2
19	3231-27	Bolt - Carriage	2	42	63-8400	Wheel - Caster Rear (Incl. Ref. #39, 41 & 43)	2
20	32128-42	Nut - Flange	4	43	63-8580	Bearing - Roller	2
21	14-0819	Cover - Deck L.H. (Incl. Ref. #24, 25, 44-45)	1	44	66-1260	Bracket - Knob	2
22	32128-49	Nut - Flange	12	45	3269-5	Rivet - Pop	4
†23	3290-469	Nut - Grip	4	46	3233-2	Bolt - Carriage	12
				47	325-22	Screw - Cap, Hex Hd.	2

†Special tool required to install.



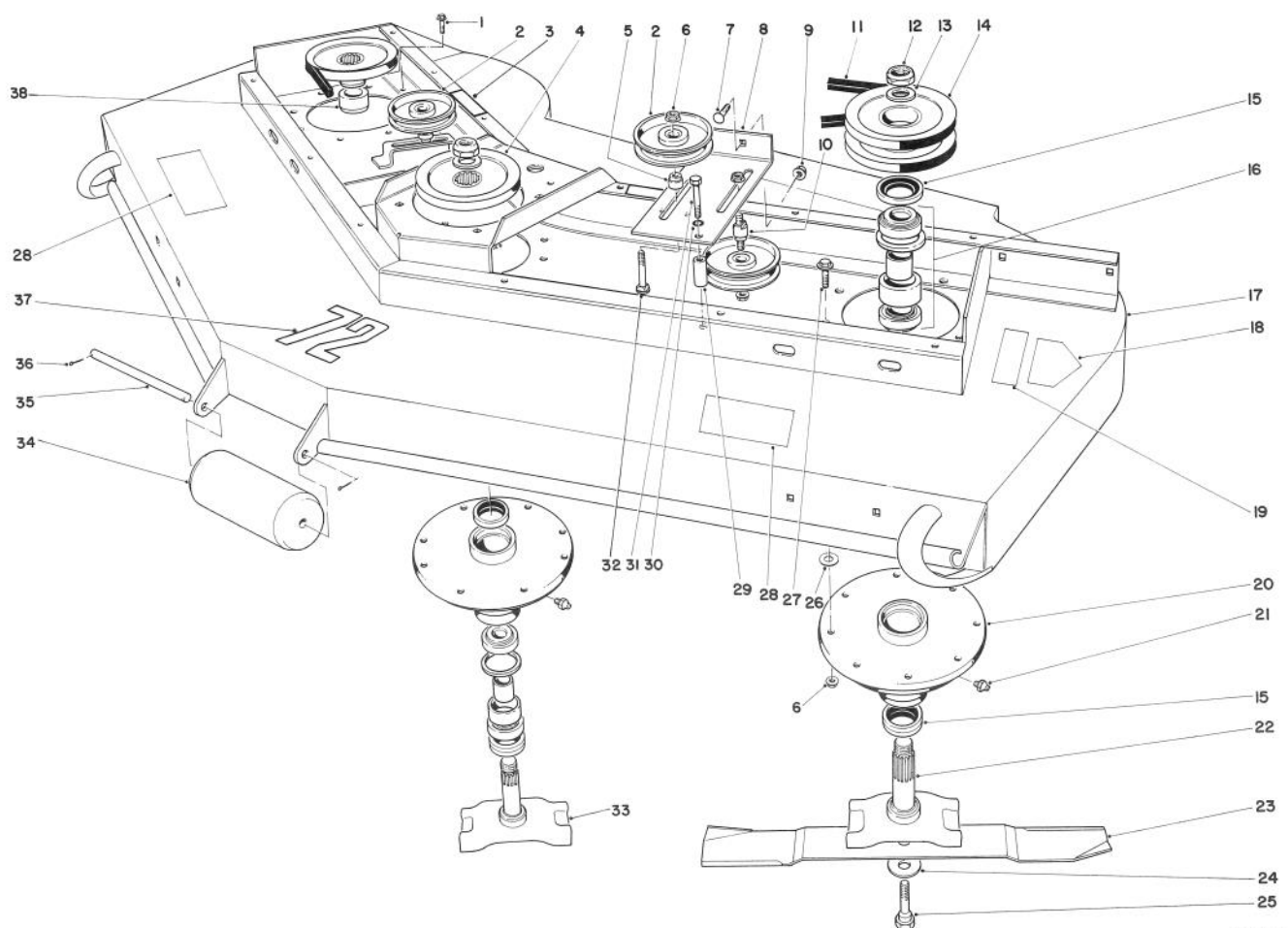
T-0442

CUTTING UNIT MODEL NO. 30722 (Continued)

Ref. No.	Part No.	Description	No. Used
48	62-5570	Bearing - Roller	2
49	302-40	Fitting - Grease	20
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

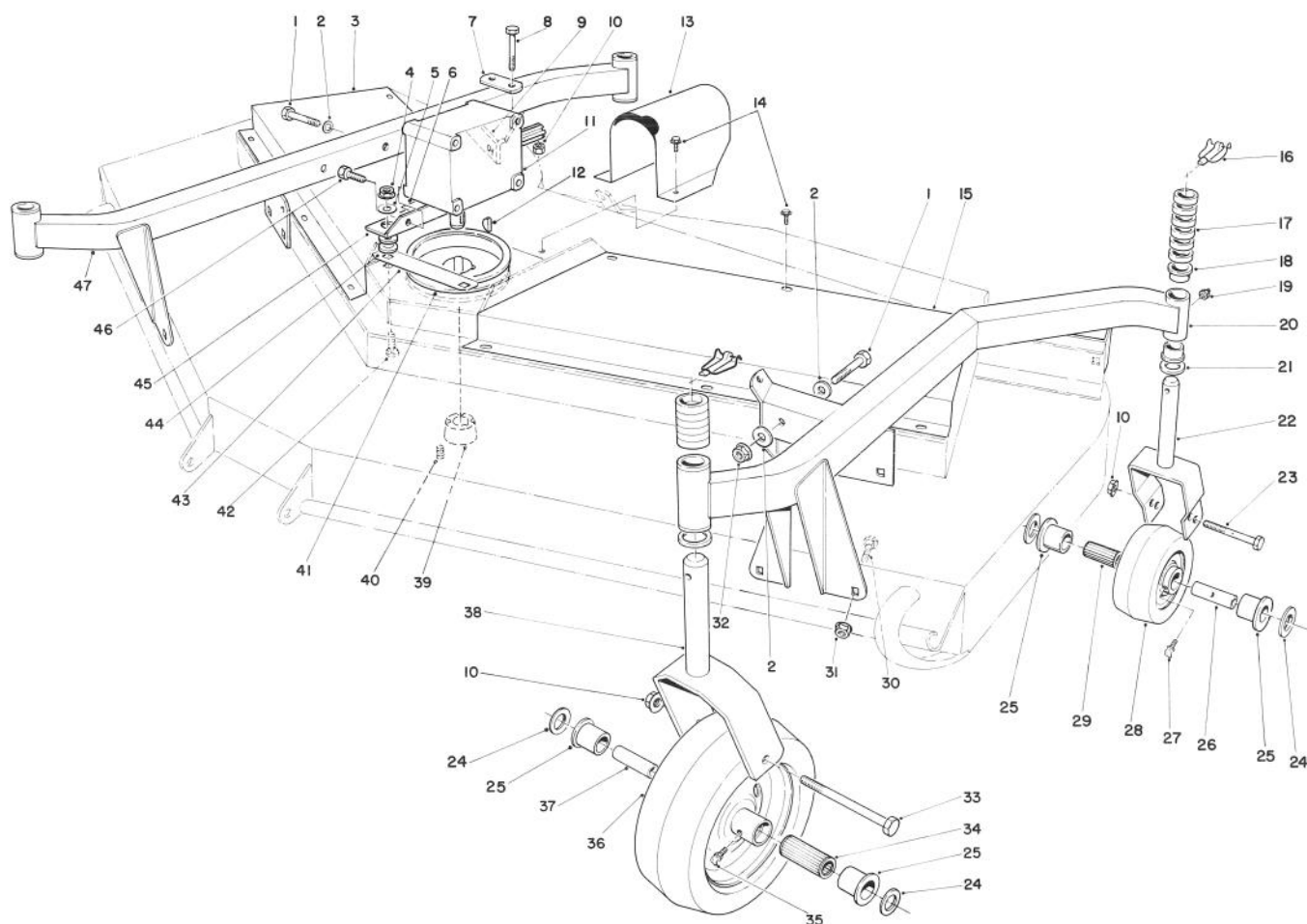


T-0443

CUTTING UNIT MODEL NO. 30710

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw - Hex. Hd. Flange	4	21	302-52	Fitting - Grease	3
2	26-1840	Idler Pulley	3	22	26-1690	Spindle - Outer	2
3	67-5360	Decal - Shield Missing	2	23	29-5530	Blade	3
4	26-1760	Pulley	2	24	26-1990	Washer - Belleville	3
5	26-1860	Spacer - Idler Pulley	2	25	26-1820	Screw - Cap, Hex. Hd.	3
6	32128-21	Nut - Flange	28	26	3256-24	Washer - Flat	A/R
7	3231-22	Bolt - Carriage	2	27	3234-1	Screw - Hex. Hd. Flange	20
8	26-1870	Idler Mount L.H.	1	28	66-1340	Decal - Danger	2
9	3290-357	Nut - Flange	2	29	26-1880	Spacer - Idler Mount	1
10	26-1850	Stud - Idler	1	30	3253-21	Washer - Lock	1
11	21-0890	V-Belt	3	31	323-12	Screw - Cap, Hex. Hd.	1
12	3296-49	Nut - Lock	3	32	3231-29	Bolt - Carriage	2
13	3-8514	Washer	3	33	26-1680	Spindle Center	1
14	26-9100	Pulley L.H.	1	34	31-0750	Roller	1
15	253-138	Oil Seal	9	35	32-9610	Roller Shaft	1
16	49-8320	Bearing & Spacer Assy. (Matched Set)	3	36	3272-11	Pin - Cotter	2
17	38-9200	Cutter Deck	1	37	57-0280	Decal - 72"	1
18	43-8480	Decal - Danger	2	38	26-1790	Spacer - R.H. Spindle	1
19	68-7280	Decal - Blade Bolt Torque	1	*	23-2410	Blade - High Lift (Optional)	3
20	60-9700	Spindle Housing	3				

*Not Illustrated



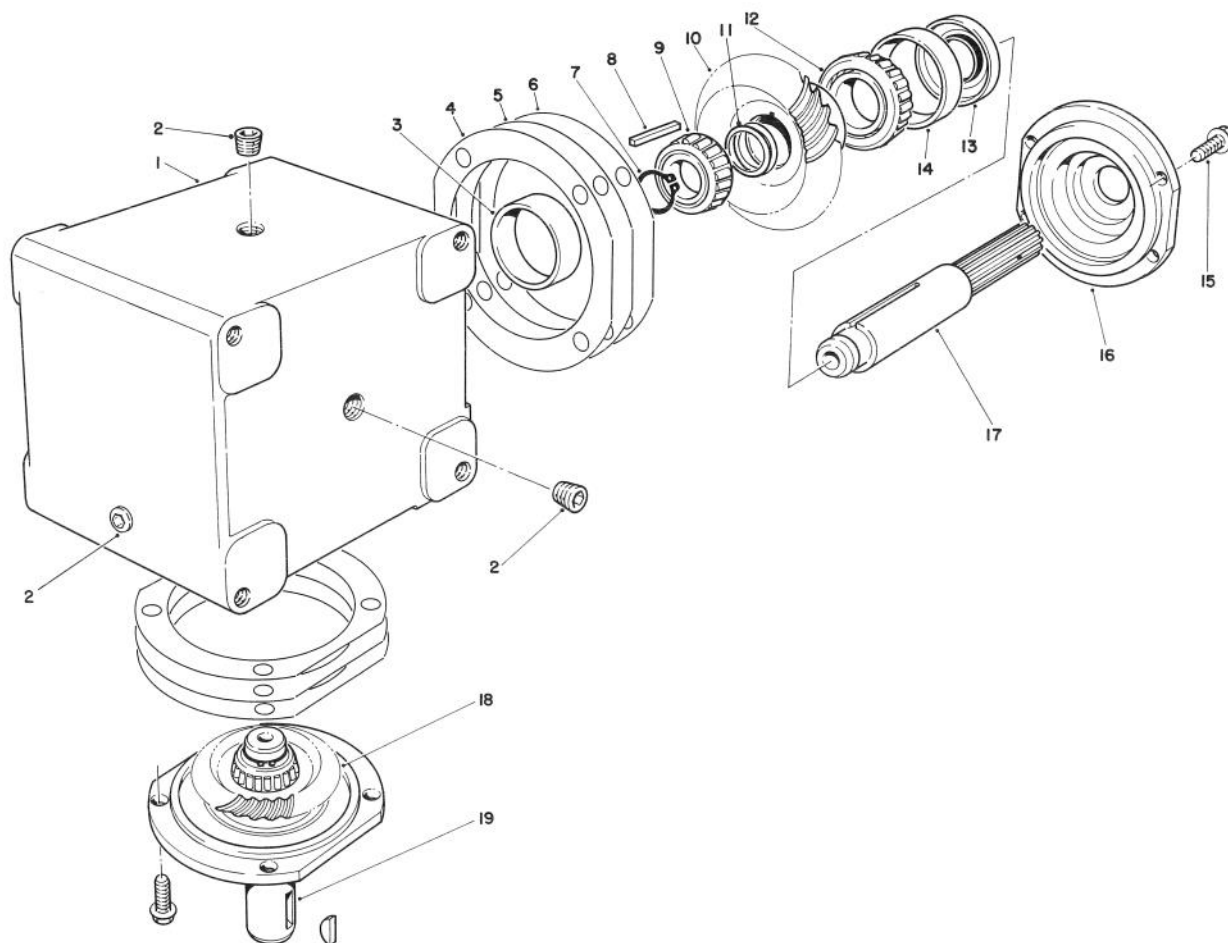
T-0444

CUTTING UNIT MODEL NO. 30710 (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
26	63-1770	Spanner - Rear	2

Ref. No.	Part No.	Description	No. Used
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	62-5570	Bearing - Roller	2
35	302-40	Fitting - Grease	2
36	62-4330	Wheel - Castor - Front (Incl. Ref. #25, 35 & 36)	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
*	12-1509	Pneumatic Tire & Wheel Assy. (Optional)	1

*Not Illustrated

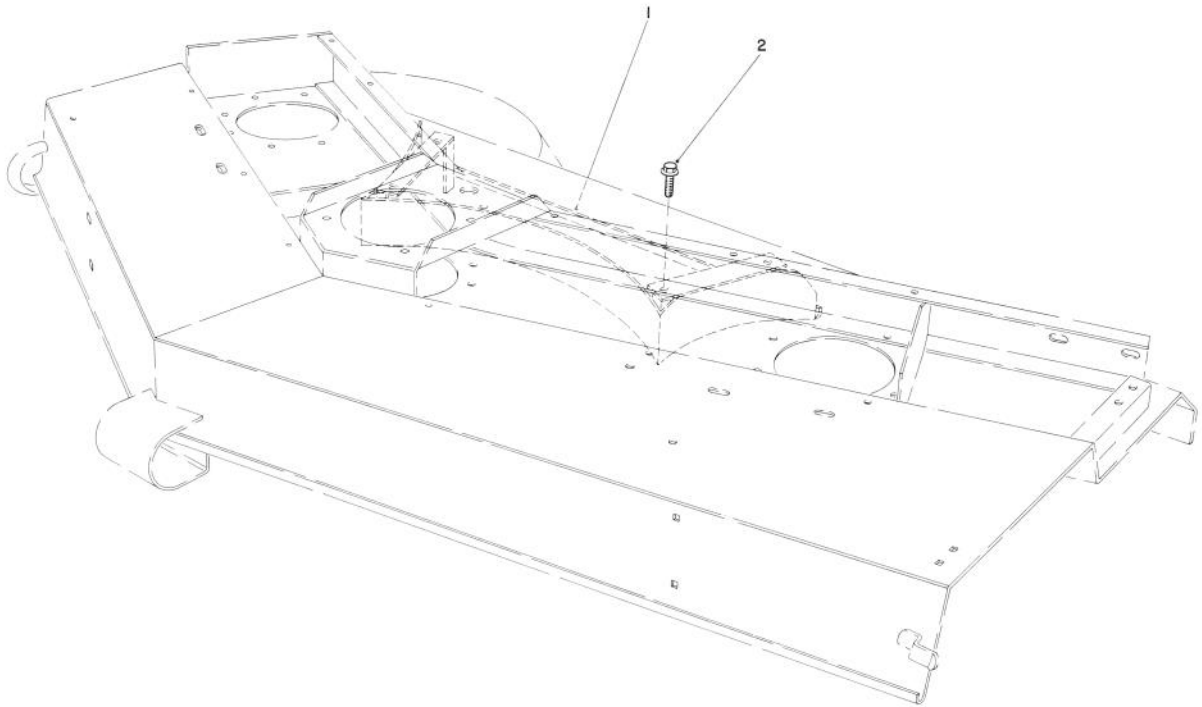


GEAR BOX ASSEMBLY NO. 68-6810

T-0977

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

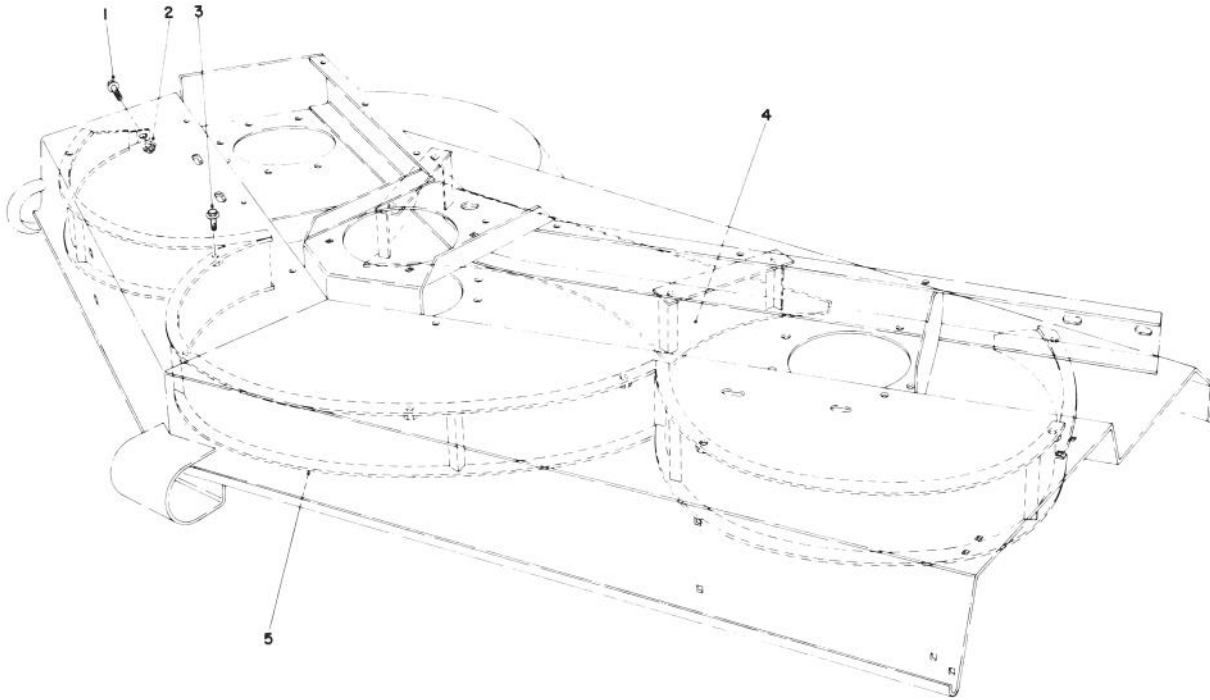


T-0446

REAR BAFFLE KIT NO. 51-1460 (Optional) **(For Cutting Unit Model No. 30721)**

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

Ref. No.	Part No.	Description	No. Used
2	3234-1	Screw - Hex. Hd. Flange	4



T-0447

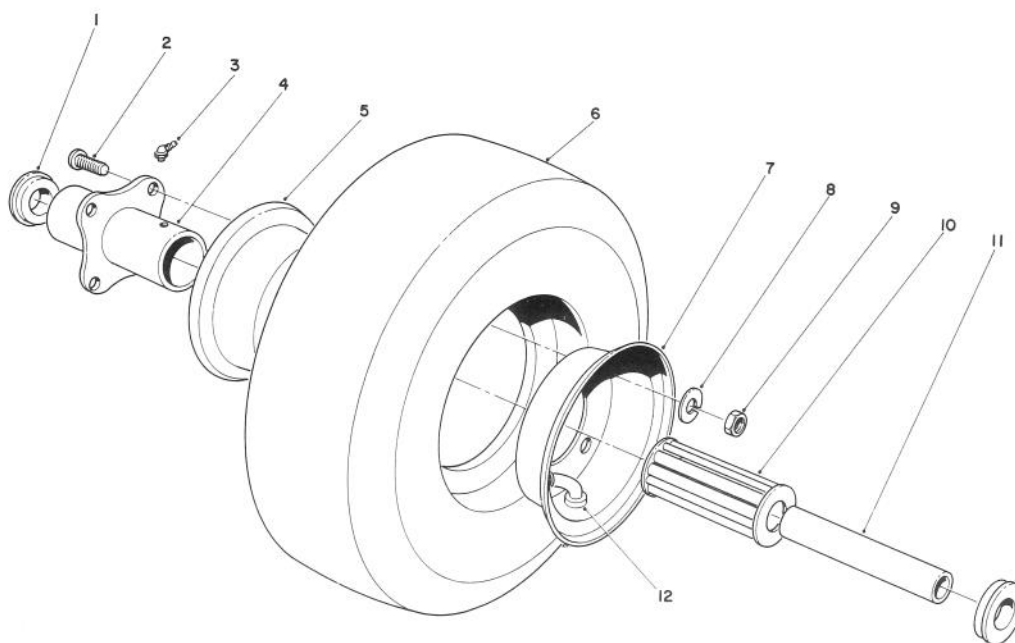
MULCHER KIT MODEL NO. 30732 (Optional)
(For Cutting Unit Model No. 30721)
MULCHER KIT MODEL NO. 30733 (Optional)
(For Cutting Unit Model No. 30722)

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

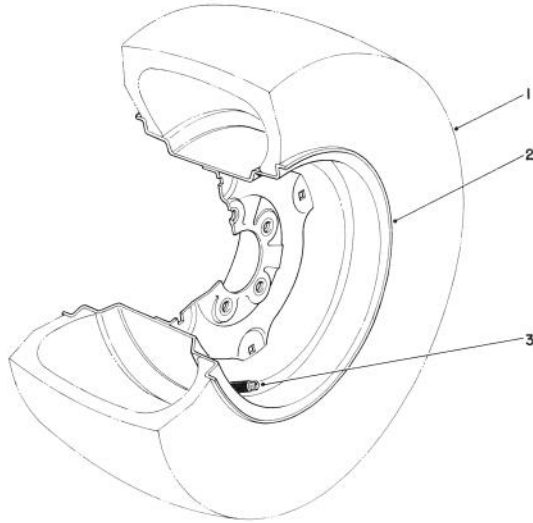
Note: Will not fit with Cutting Unit Model No. 30710.



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				



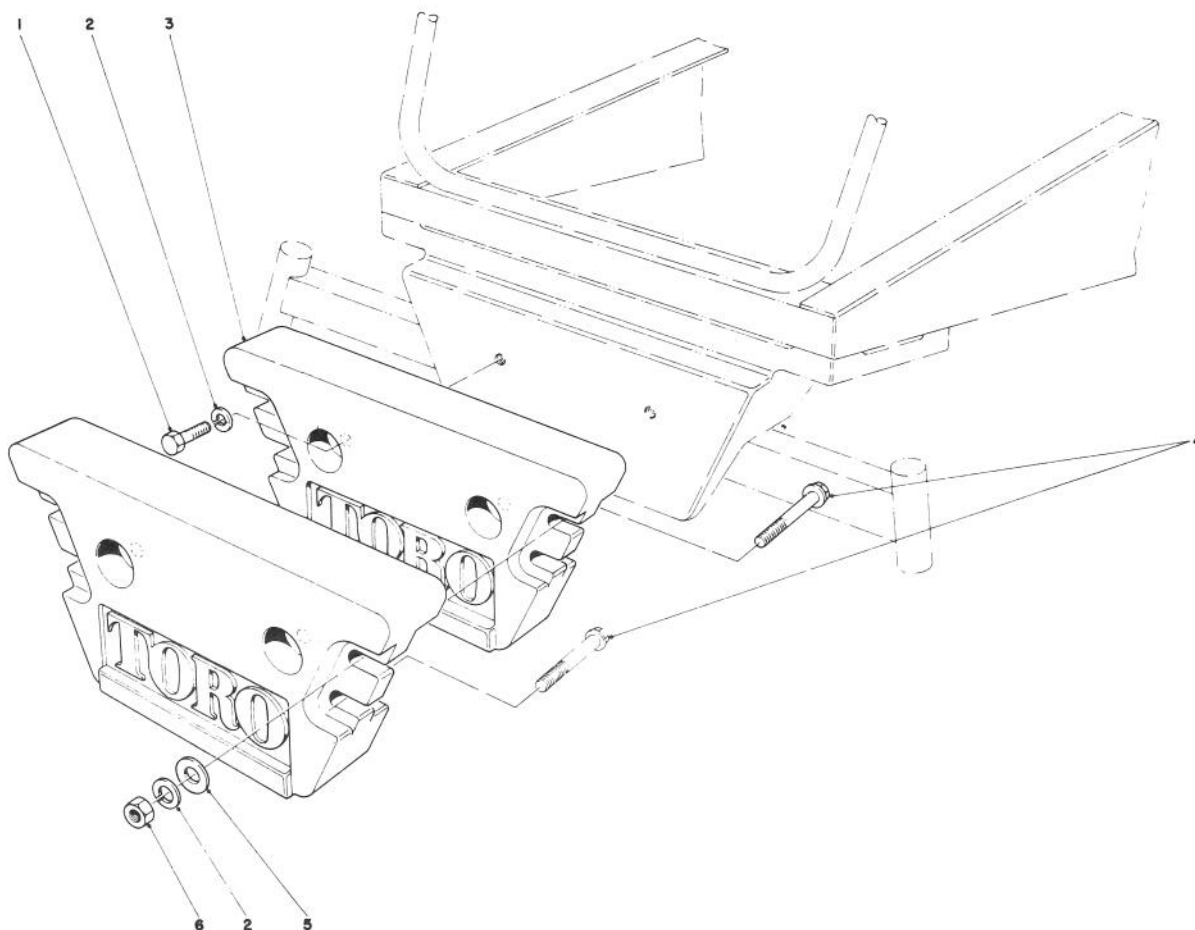
T-0449

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

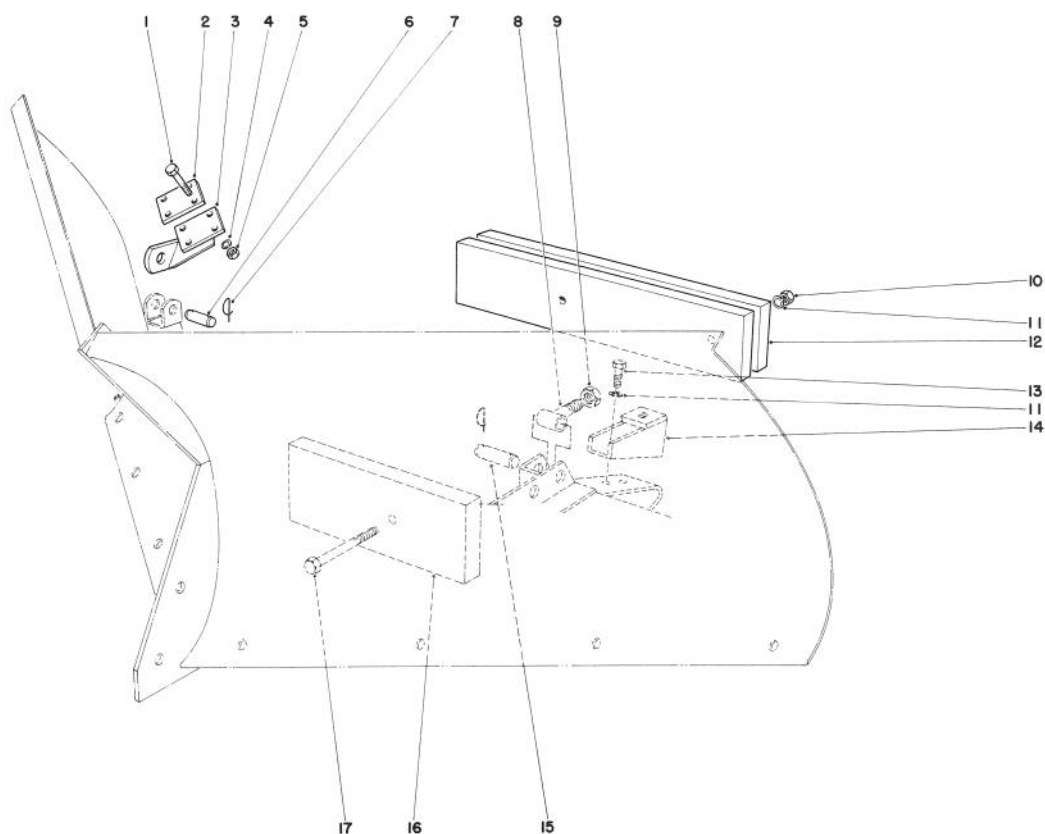
Note: Will not fit with Cutting Unit Model No. 30710.



T-0427

REAR WEIGHT KIT NO. 24-5780 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	325-6	Screw - Cap, Hex. Hd.	2	4	325-14	Screw - Cap, Hex. Hd.	4
2	3253-7	Washer - Lock	6	5	3256-26	Washer - Flat	8
3	24-5790	Rear Weight	2	6	3217-9	Nut - Hex.	4



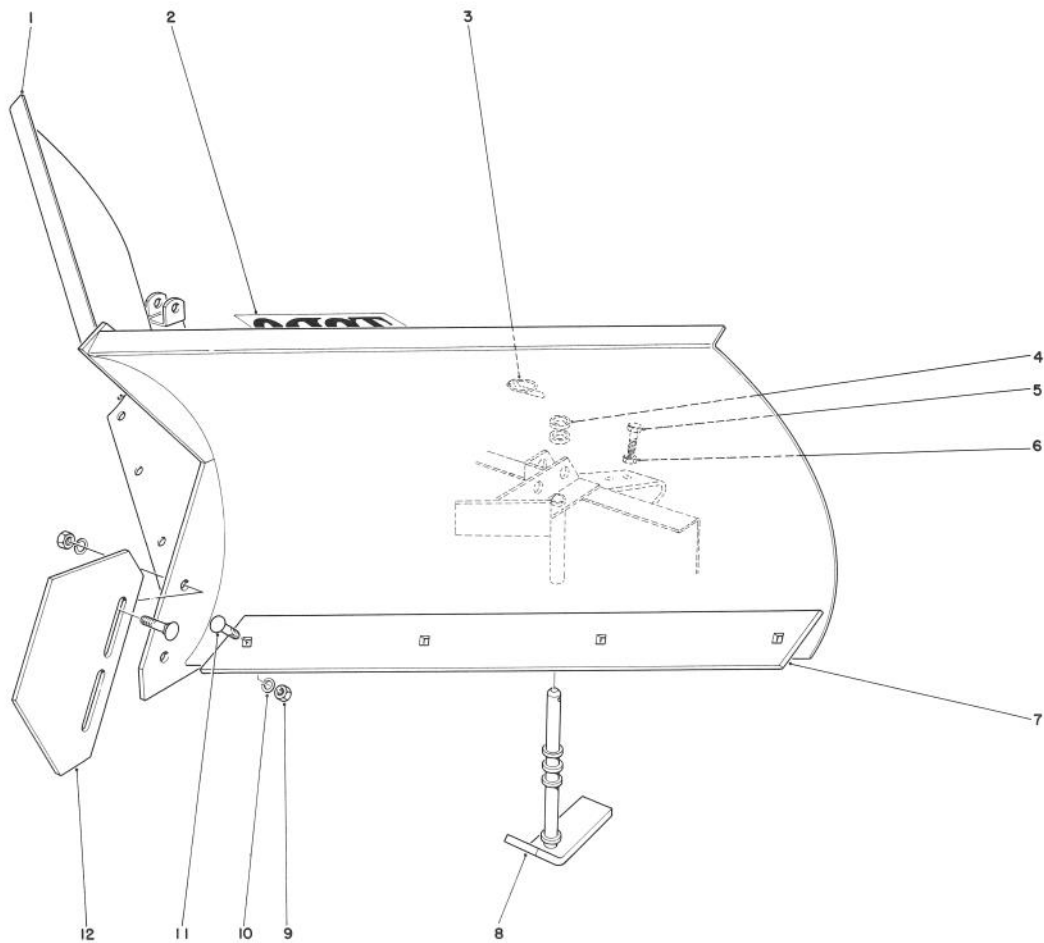
T-0451

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	Pin - Spring	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

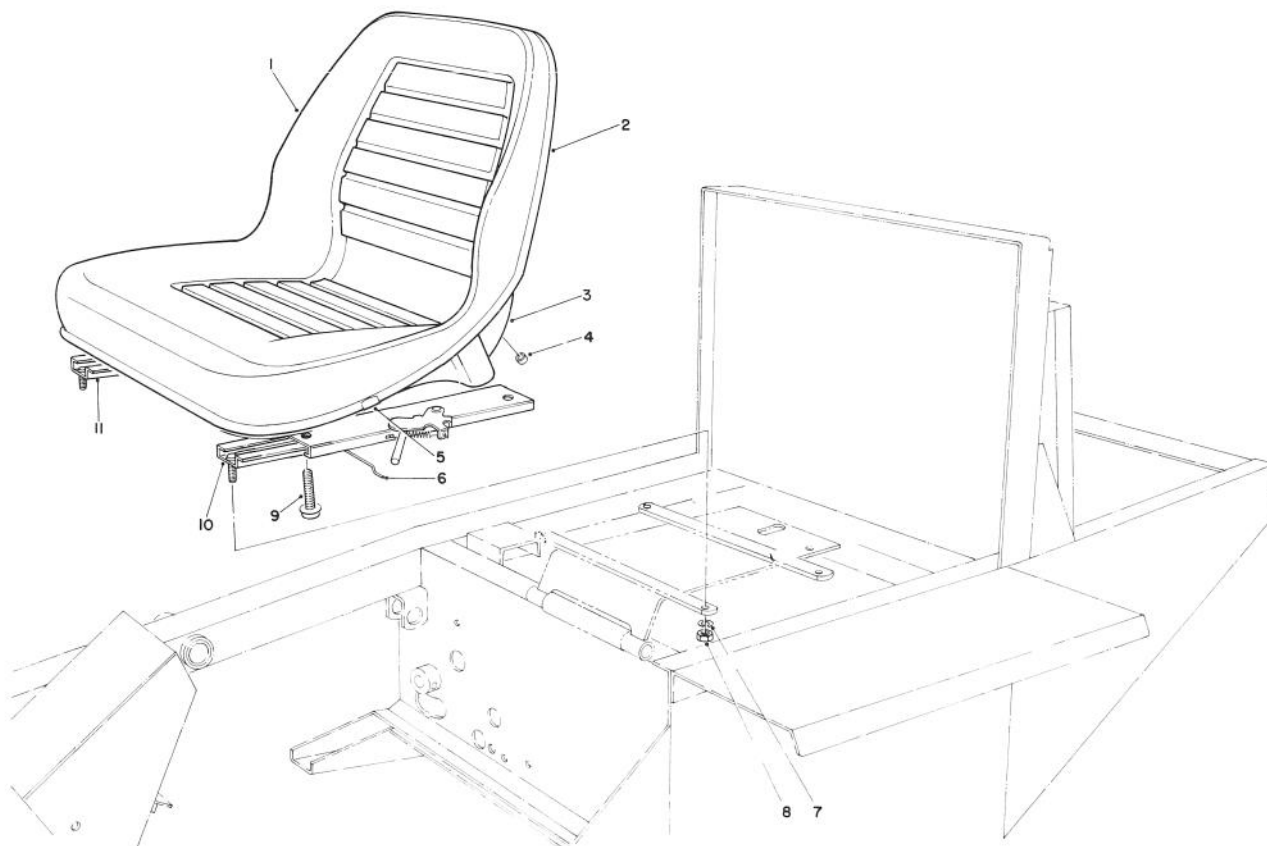


T-0452

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	Pin - Lynch	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



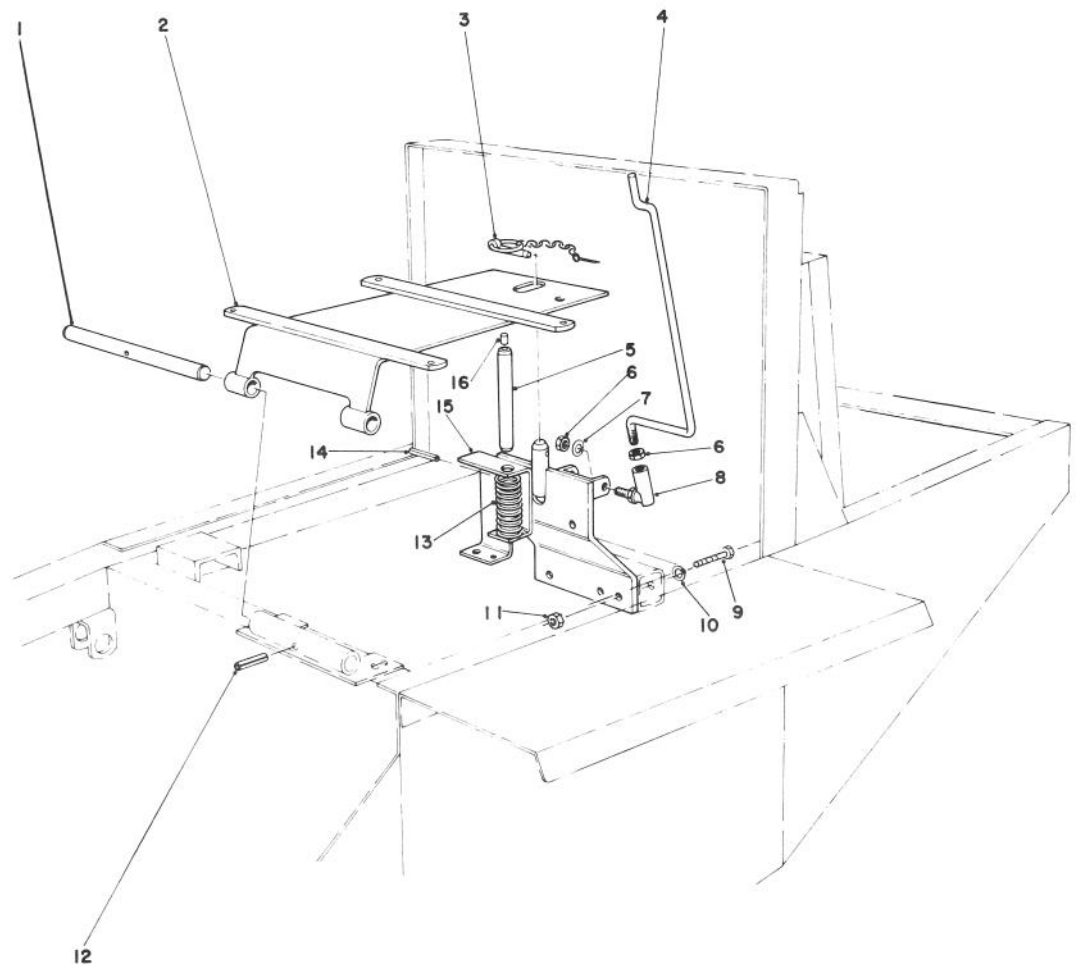
T-0450

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

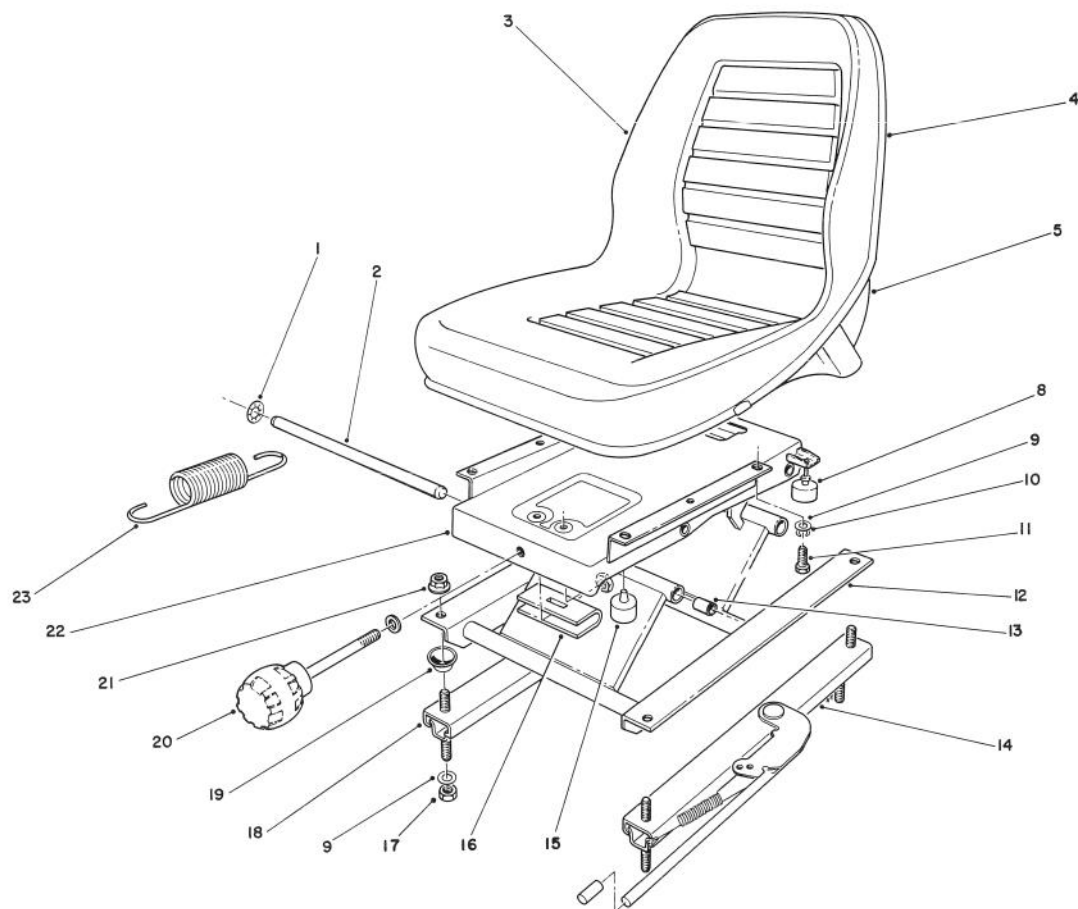


T-0453

STANDARD SEAT KIT MODEL NO. 30770 (Continued)

Ref. No.	Part No.	Description	No. Used
1	27-4720	Shaft	1
2	36-7550	Seat Support	1
3	283-76	Lynch Pin	1
4	37-9580	Seat Prop	1
5	27-9870	Pin - Seat Switch	1
6	3220-2	Nut - Jam	2
7	3253-24	Washer - Lock	1
8	37-9570	Ball Joint	1

Ref. No.	Part No.	Description	No. Used
9	323-14	Screw - Cap, Hex. Hd.	2
10	5-0838	Washer - Flat	3
11	32128-21	Nut	2
12	32121-4	Spring Pin	1
13	28-0570	Spring -Compression	1
14	32121-6	Spring Pin	1
15	71-4490	Seat Support Bracket	1
16	28-6180	Pin - Plastic	1



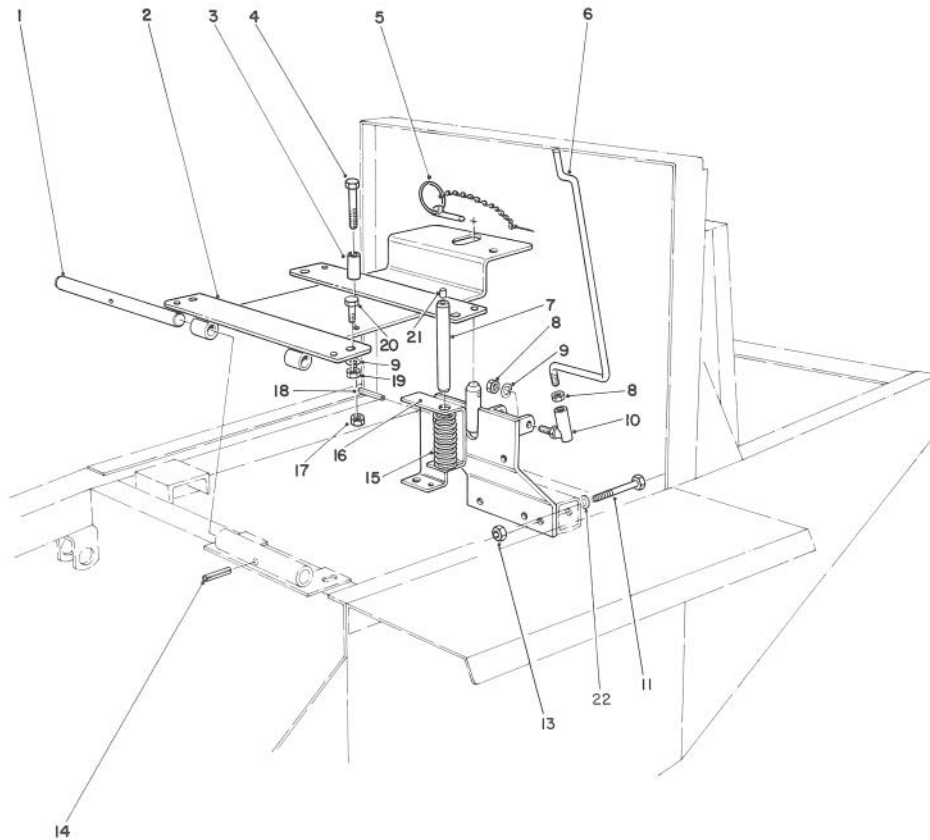
T-0454

DELUXE SEAT KIT MODEL NO. 30772

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

*Not Illustrated

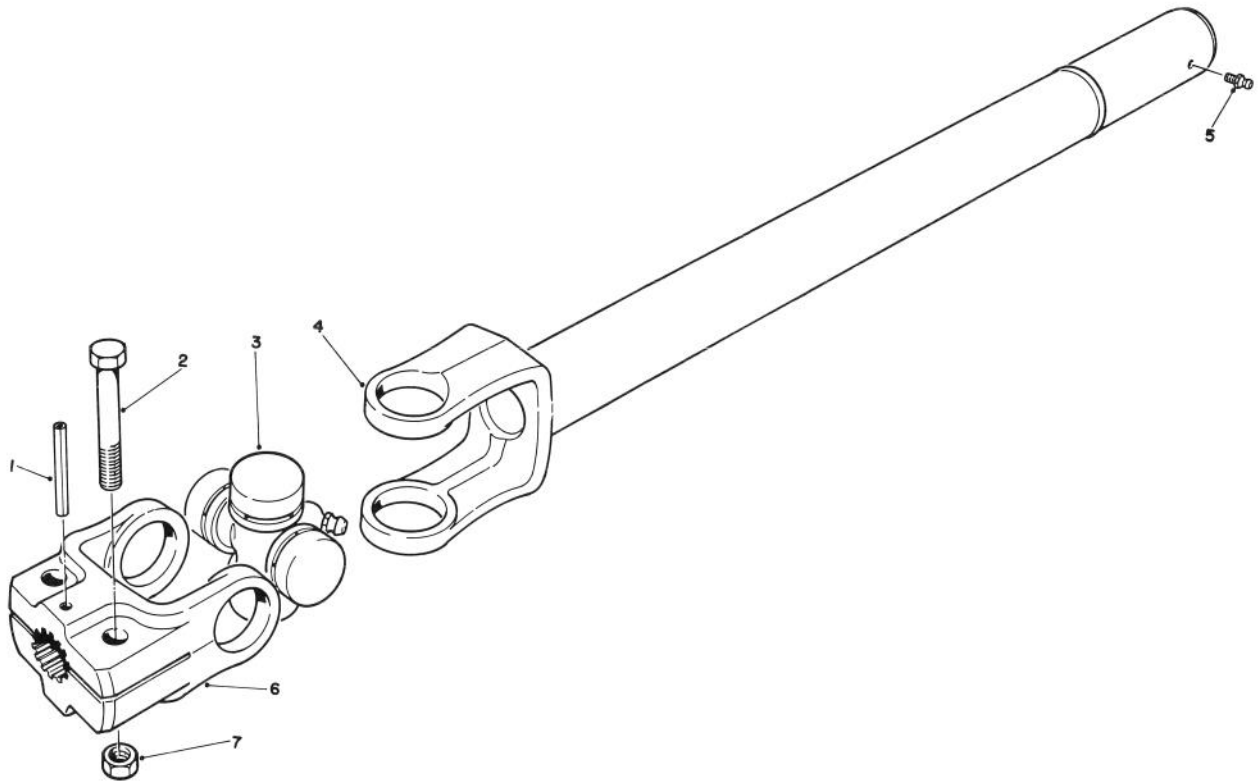


T-0212

DELUXE SEAT ADAPTER KIT MODEL NO. 30791

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
5	283-76	Pin - Lynch	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
10	37-9570	Ball Joint	1
11	323-14	Screw - Cap, Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
13	32128-21	Nut	2
14	32121-4	Pin - Spring	1
15	37-9590	Spring - Compression	1
16	71-4490	Bracket - Seat Support	1
17	32146-5	Nut - Flange Hd.	1
18	32121-6	Pin - Spring	1
19	3217-6	Nut	4
20	322-4	Screw - Cap, Hex. Hd.	4
21	28-6180	Pin - Plastic	1
22	5-0838	Washer - Flat	3

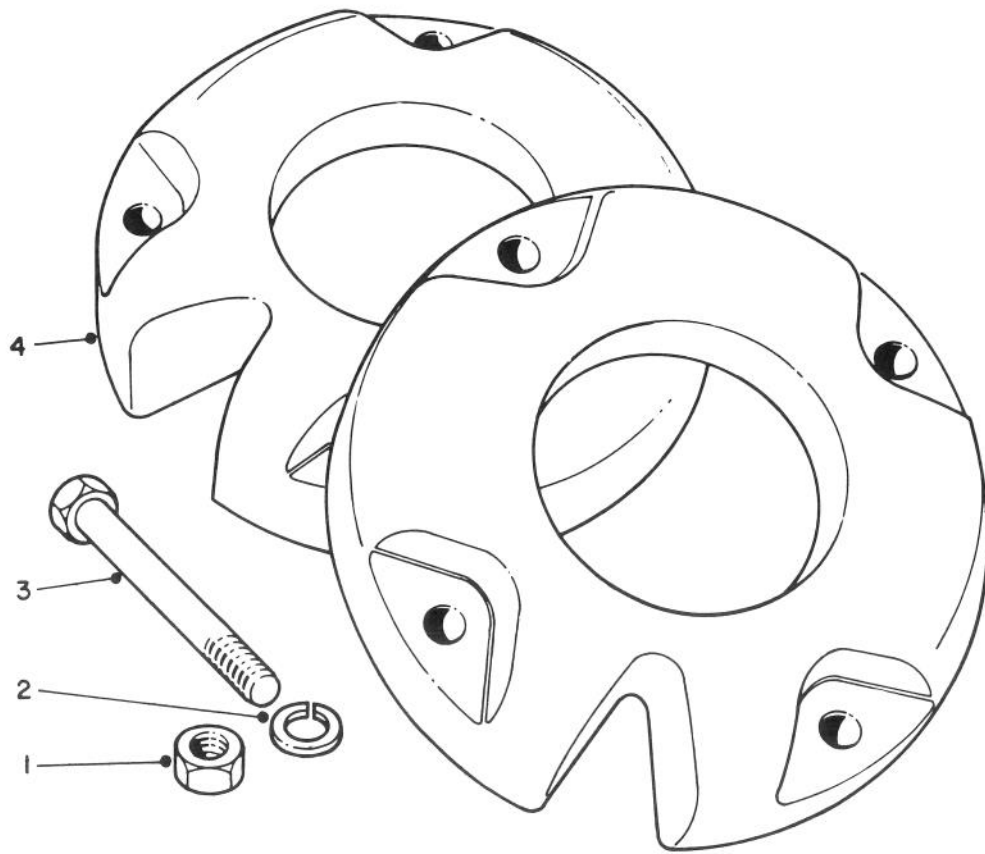


T-0928

FULL TIME 4 WD DRIVE SHAFT ASSEMBLY KIT PART NO. 72-3740 (Optional)

Ref. No.	Part No.	Description	No. Used
1	32121-34	Pin - Roll	1
2	323-9	Screw - Cap, Hex. Hd.	2
3	54-9180	Kit - Joint, Universal	1
4	72-3460	Tube - Yoke, Half-Slip	1

Ref. No.	Part No.	Description	No. Used
5	302-58	Fitting - Grease	1
6	72-3450	Yoke - Flange, Split	1
7	32153-2	Nut - Lock	2

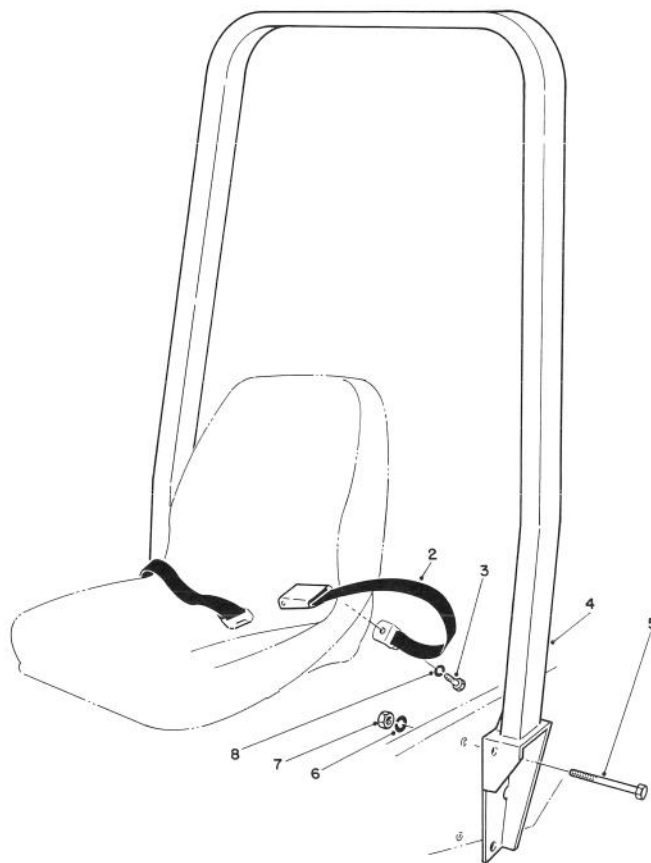


T-0457

WHEEL WEIGHTS NO. 11-0440 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3218-5	Nut	8
2	3253-7	Washer - Lock	8

Ref. No.	Part No.	Description	No. Used
3	325-14	Screw - Cap, Hex. Hd.	8
4	7-2111	Weight - Wheel	2



T-0927

ROLL OVER PROTECTION KIT

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

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

*Obtain from Custom Products, Litchfield, MN 55355.

†Do not use without installing ROPS Rollover Protection Kit.

MAINTENANCE RECORD

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MAINTENANCE RECORD

[illegible]

MAINTENANCE RECORD

[illegible]

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 322D 4 Wheel Drive has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Groundsmaster 322D 4 Wheel Drive – supply model and serial numbers to assure that correct information and replacement parts are obtained.

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

1. Model and serial number of the Groundsmaster 322D 4 Wheel Drive.
2. Part number – description – and the quantity of part(s) desired.

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

INDEX

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