FORM NO. 3313-679

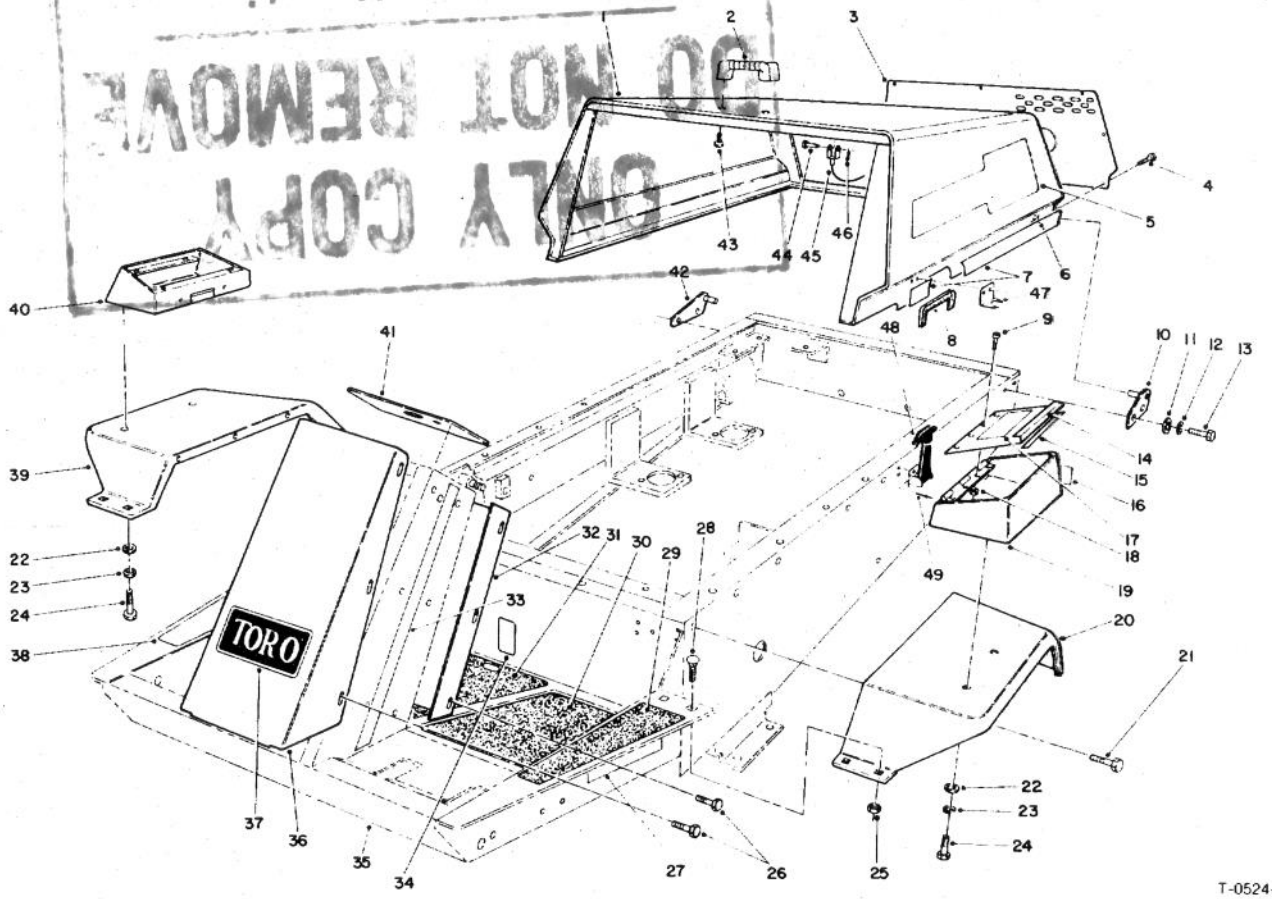
TORO

MODEL NO. 30794 — 90001 & UP

PARTS CATALOG

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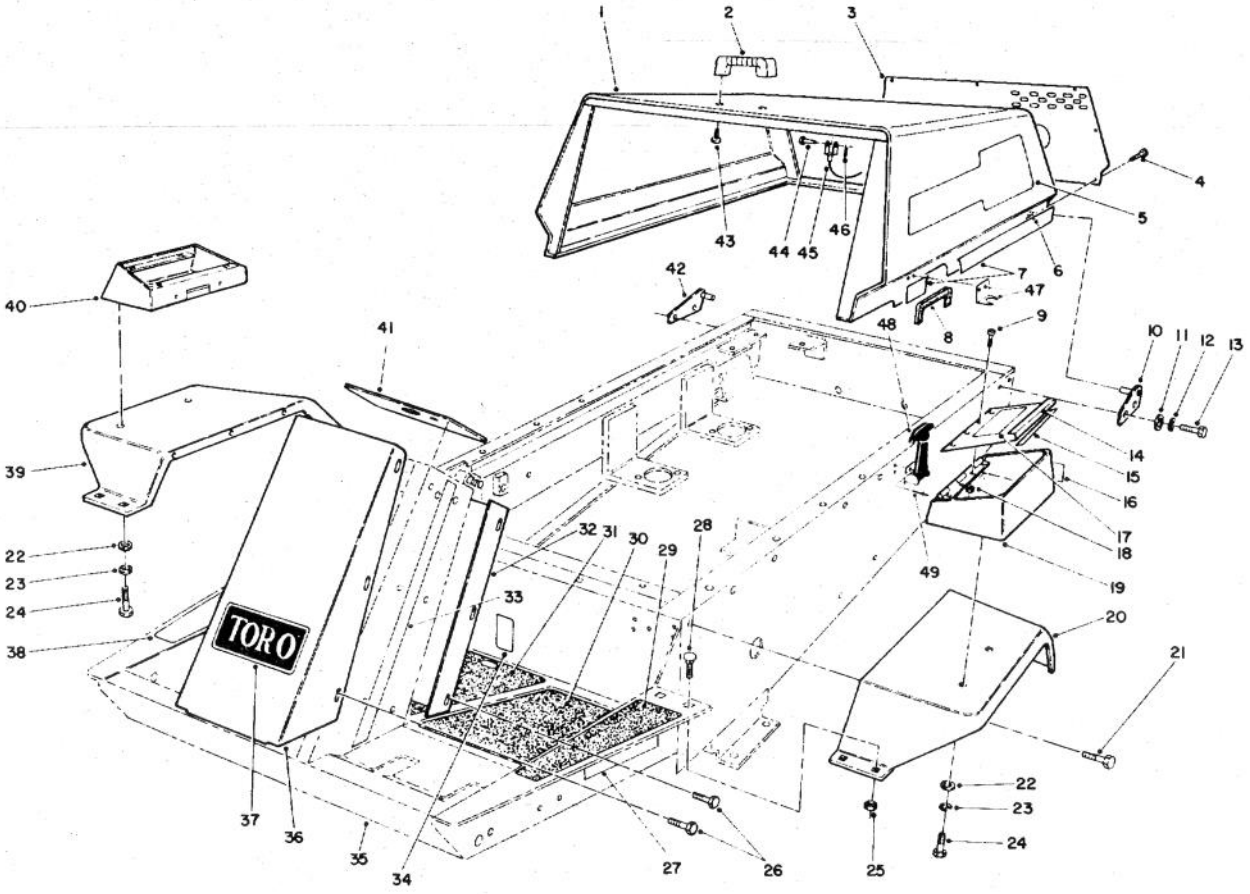
BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-6950	Hood Assembly	1
2	65-5100	Handle — Hood	1
3	63-7030	Screen — Hood	1
4	321-39	Screw — Cap Hex. Hd.	7
5	63-7670	Decal— Groundsmaster 220-D	2
6	3296-42	Nut — Hex	7
7	66-8680	Decal — Hood L.H.	1
*	66-8670	Decal — Hood R.H.	1
8	66-8110	Trim — Hood	1
9	3290-359	Screw — Machine	4
10	63-6900	Plate Hinge L.H.	1
11	3256-23	Washer — Flat	4
12	3253-4	Washer — Lock	4
13	322-5	Screw — Cap Hex. Hd.	4
14	66-3040	Cover — Tool Box	1

Ref. No.	Part No.	Description	No. Used
15	66-3050	Strip — Magnetic	1
16	27-7310	Decal (over fill caution)	1
17	66-8880	Decal — Caution	1
18	3296-12	Nut — Hex	4
19	66-2830	Box — Tool	1
20	63-7310	Fender L.H.	1
21	3234-14	Screw — Cap Hex. Hd.	8
22	3256-22	Washer — Flat	4
23	3253-3	Washer — Lock	4
24	321-4	Screw — Cap Hex. Hd.	4
25	32149-1	Nut — Hex	4
26	46-6810	Screw — Cap Hex. Hd.	14
27	67-1720	Decal — Caution	2
28	3230-23	Bolt — Carriage	4
29	66-3200	Tread — Foot Rest L.H.	1

*Not Illustrated

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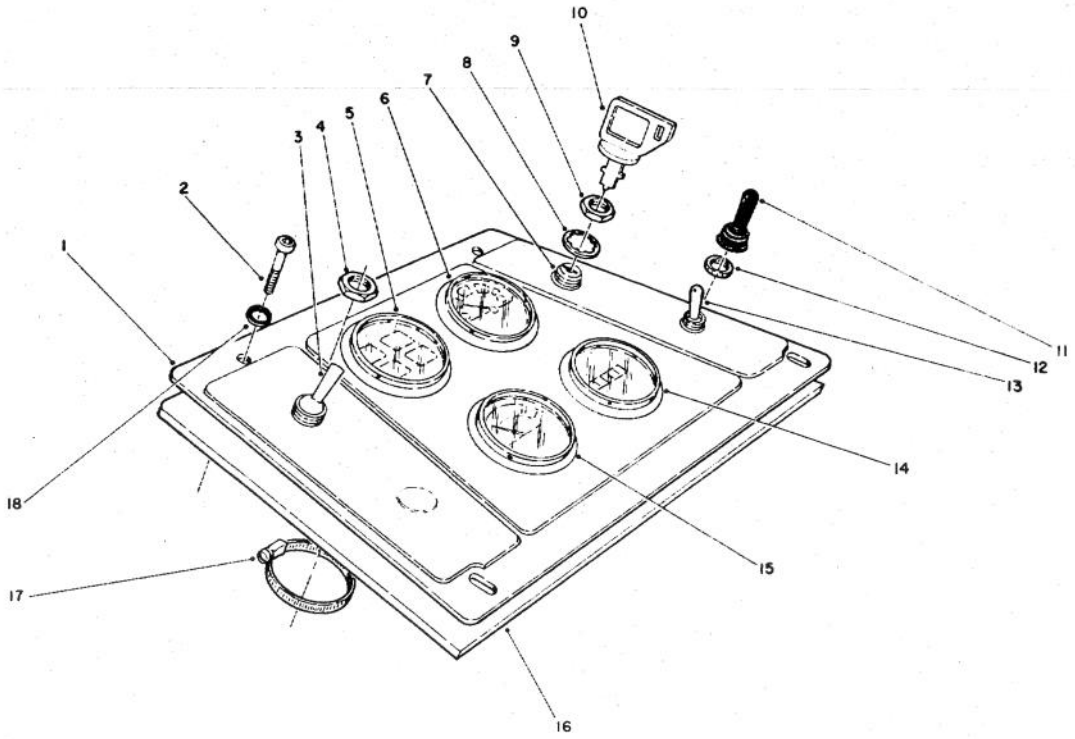
T-0524-89

BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
30	66-3210	Tread — Foot L.H.	1
31	66-3220	Tread — Foot R.H.	1
32	63-7320	Cover — Tower Rear	1
33	66-8760	Decal — Tower L.H.	1
*	66-8770	Decal — Tower R.H.	1
34	53-4430	Decal — Oil	1
35	63-6870	Frame Assembly	1
36	63-7330	Cover — Tower Front	1
37	62-5550	Decal — TORO	1
38	66-8890	Decal Traction Pedal	1
39	63-7300	Fender — R.H.	1

Ref. No.	Part No.	Description	No. Used
40	63-8050	Box — Control	1
41	66-2470	Plate — Tower	1
42	63-6890	Plate — Hinge R.H.	1
43	46-8091	Screw — Cap Hex. Hd.	2
44	283-58	Pin — Clevis	1
45	66-2870	Cable — Hood Stop	1
46	3272-10	Pin — Cotter	1
47	60-8660	Keeper	1
48	60-8670	Latch — Flexible Draw	1
49	3290-271	Rivet	4

*Not Illustrated

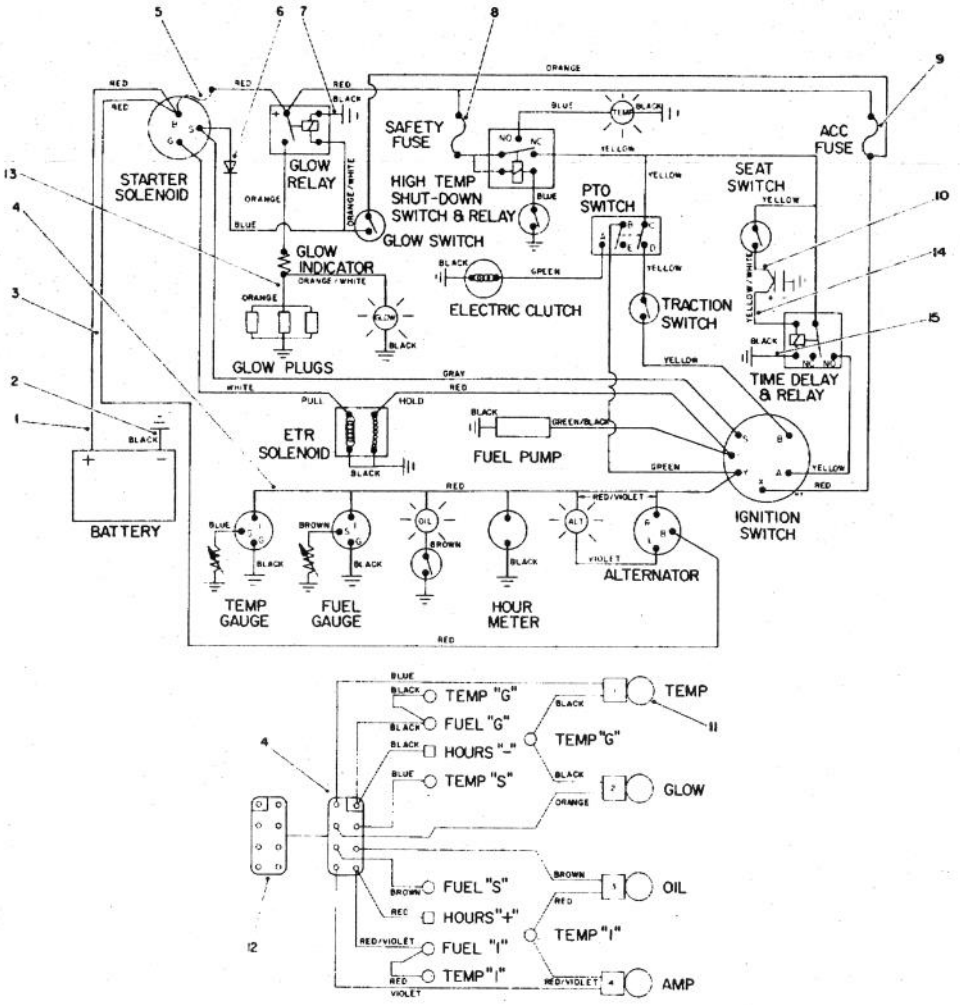


T-0525-89

CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-2460	Plate — Control Panel	1
2	3274-68	Screw — Socket Button Hd.	4
3	37-2610	Switch — PTO	
		(Incl. Ref. #4)	1
4	218-500	Nut — Hex	1
5	66-2960	Warning Light Cluster	1
6	66-2940	Gage — Fuel	1
7	27-2360	Switch — Ignition	
		(Incl. Ref. #8-10)	1
8	218-447	Washer — Lock	1
9	218-446	Nut — Hex	1

Ref. No.	Part No.	Description	No. Used
10	63-8360	Key — Ignition	1
11	218-473	Boot — Switch	1
12	218-497	Nut — Face	1
13	6-1659	Switch — Glow Plugs	
		(Incl. Ref. #11 & 12)	1
14	66-2950	Meter — Hour	1
15	63-7430	Gage — Temperature	1
16	63-7990	Panel — Control	1
17	2412-3	Clamp — Hose	1
18	3256-1	Washer — Black	4

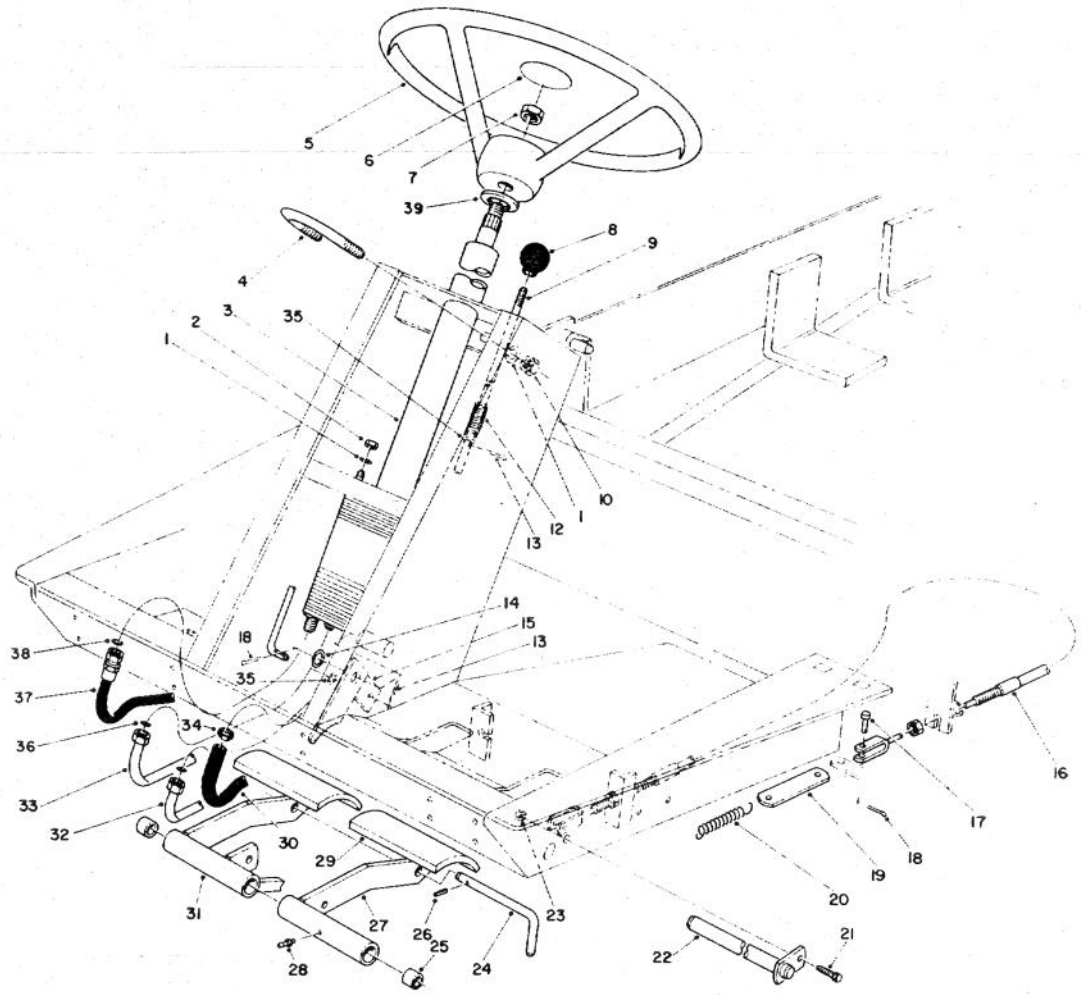


T-0526-89

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	43-4031	Wire Positive	1
2	63-7340	Wire — Ground	1
3	70-7270	Wire Harness (Incl. Ref.#5-7 & 10)	1
4	66-8690	Lamp Harness (Incl. Ref. #11)	1
5	67-7120	Fusible Link	1
6	67-7130	Diode	1
7	67-7140	Ground Wire	1

Ref. No.	Part No.	Description	No. Used
8	218-574	Fuse 7.5A	1
9	218-573	Fuse 5.0A	1
10	70-7280	Wire — Seat	1
11	219-17	Light Bulb	4
12	68-7380	Connector Assembly	1
13	68-7370	Wire — Glow	1
14	67-7180	Wire — Seat	1
15	67-7190	Wire — Ground	1

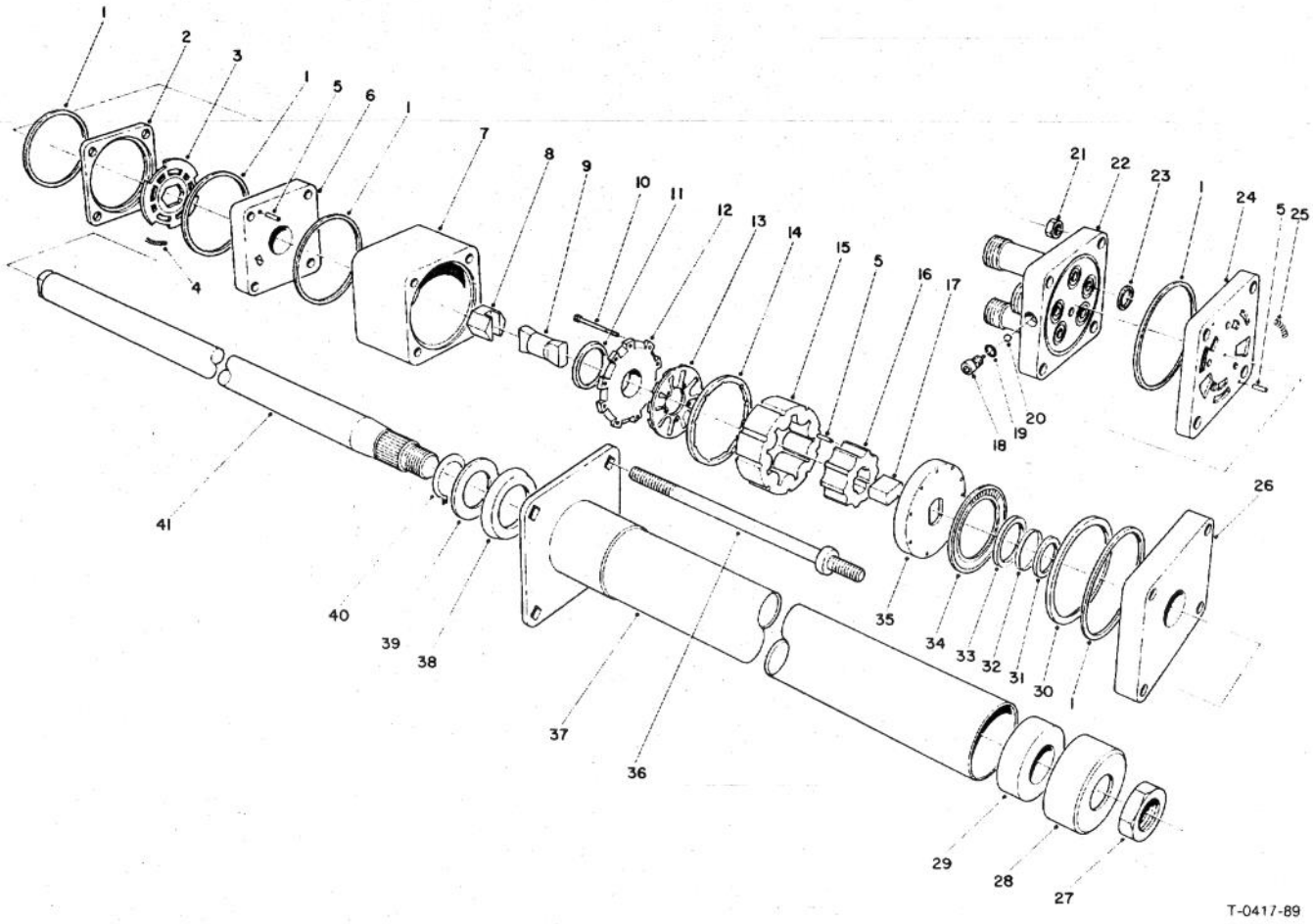


POWER STEERING & BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3256-23	Washer — Flat	6
2	3296-20	Locknut	4
3	63-9250	Valve — Power Steering (Incl. Ref. #7)	1
4	54-8970	U-Bolt	1
5	24-2000	Wheel — Steering	1
6	24-2090	Cap — Steering Wheel	1
7	3220-6	Hex Nut	1
8	233-17	Knob	1
9	63-7910	Rod — Brake Latch	1
10	3296-29	Locknut	2
12	3-3251	Spring	1
13	3272-5	Cotter Pin	4
14	3256-26	Washer — Flat	1
15	63-7900	Rack — Brake	1
16	63-7730	Brake Cable Assy. L.H.	1
*	63-7731	Brake Cable Assy. R.H.	1
17	283-58	Pin — Clevis	4
18	3272-10	Cotter Pin	5
19	63-6750	Link — Brake Cable	2
20	3-7243	Spring — Return	2
21	321-3	Hex Hd. Capscrew	1

Ref. No.	Part No.	Description	No. Used
22	63-6210	Pin — Brake	1
23	3296-42	Locknut	1
24	63-7880	Pin — Brake Latch	1
25	256-42	Bushing	4
26	32121-50	Roll Pin	1
27	63-6180	Pedal — L.H. Brake (Incl. Ref. #25 & 28)	1
28	302-5	Fitting — Grease	2
29	7-3900	Foot Pad — Brake	2
30	66-8140	Hose	1
31	63-6190	Pedal — R.H. Brake (Incl. Ref. #25 & 28)	1
32	66-8630	Tube — Hydraulic (Str.-Lift)	1
33	66-8620	Tube — Hydraulic (Pump-Str.)	1
34	2412-36	Clamp	2
35	3256-22	Washer — Flat	3
36	237-30	O — Ring (-6)	2
37	66-8170	Hose — Hydraulic	2
*	44-8530	Sock — Hose	1
38	237-22	O — Ring (-8)	2
39	21-9260	Dust Cover	1

*Not Illustrated

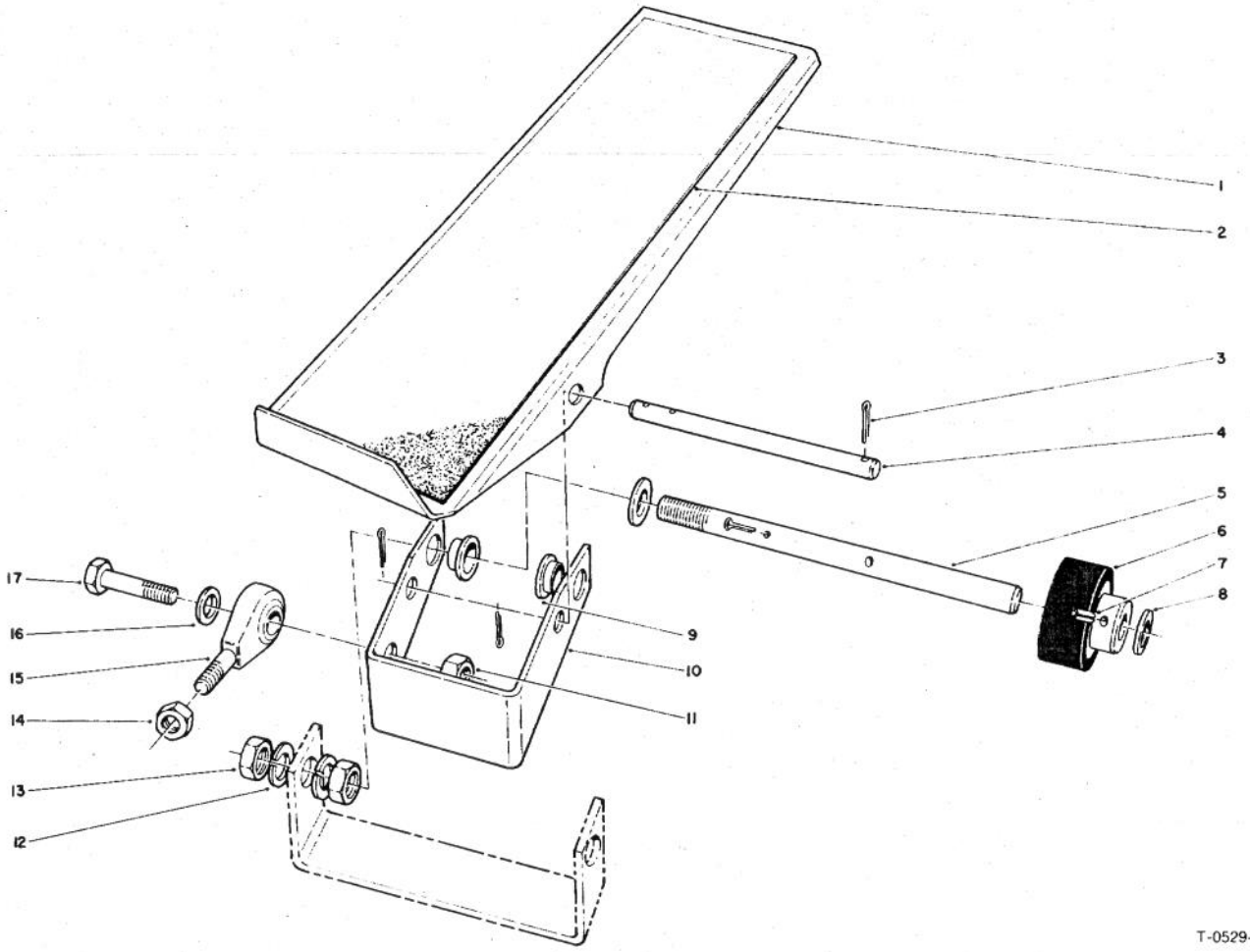


STEERING VALVE ASSEMBLY NO. 63-9250

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		Hex Socket Hd. Screw	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		Hex Nut	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

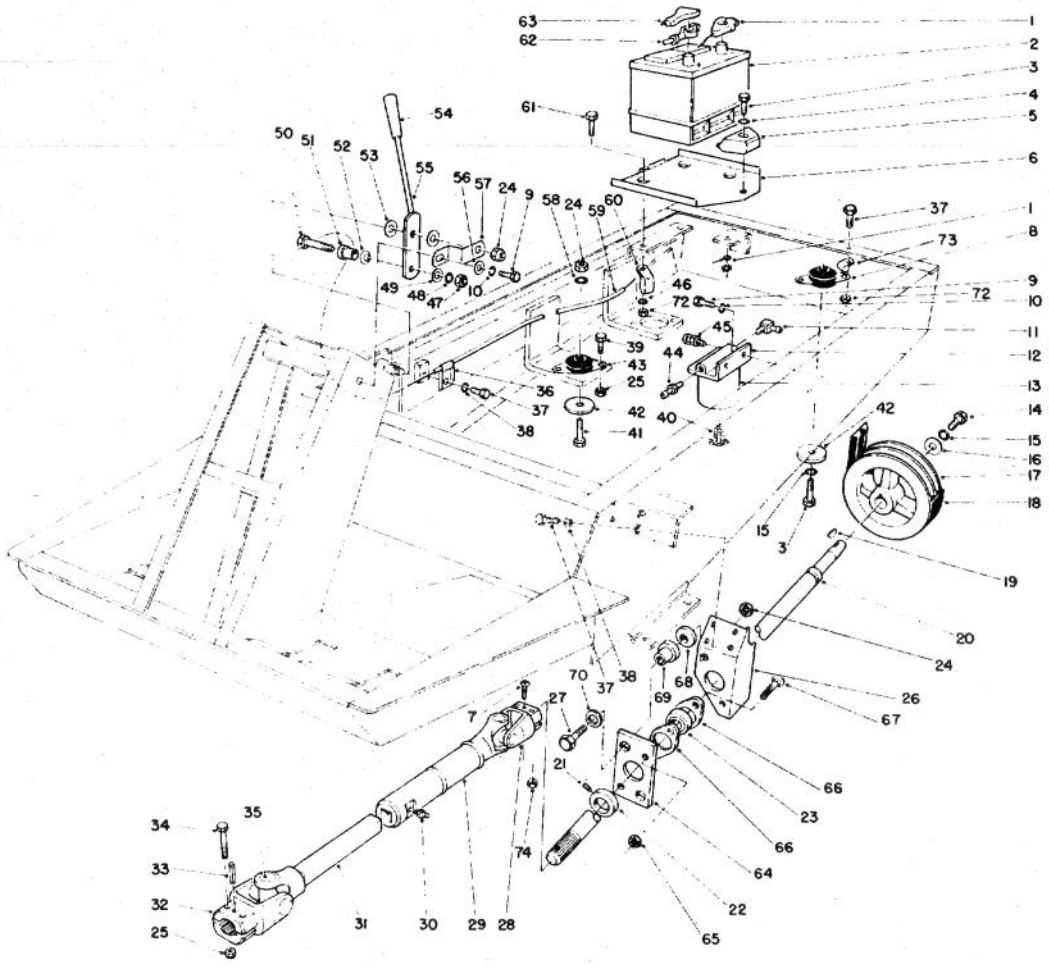
*Not Illustrated



TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7930	Pedal — Traction	1
2	28-5130	Pad — Traction Pedal	1
3	3272-10	Pin — Cotter	4
4	29-5630	Pin — Pedal Pivot	1
5	63-6160	Shaft — Traction Pedal	1
6	28-5220	Wheel — Friction	1
7	32121-16	Pin — Roll	1
8	5-7570	Washer	2
9	256-156	Bushing — Flange	2

Ref. No.	Part No.	Description	No. Used
10	63-6170	Pivot Bracket Assembly (Incl. Ref. #9)	1
11	3296-39	Nut — Lock	1
12	3253-7	Washer — Lock	2
13	3218-5	Nut — Jam	2
14	3220-3	Nut — Jam	1
15	2411-36	End — Rod	1
16	3256-24	Washer — Flat	1
17	323-8	Screw — Cap Hex. Hd.	1



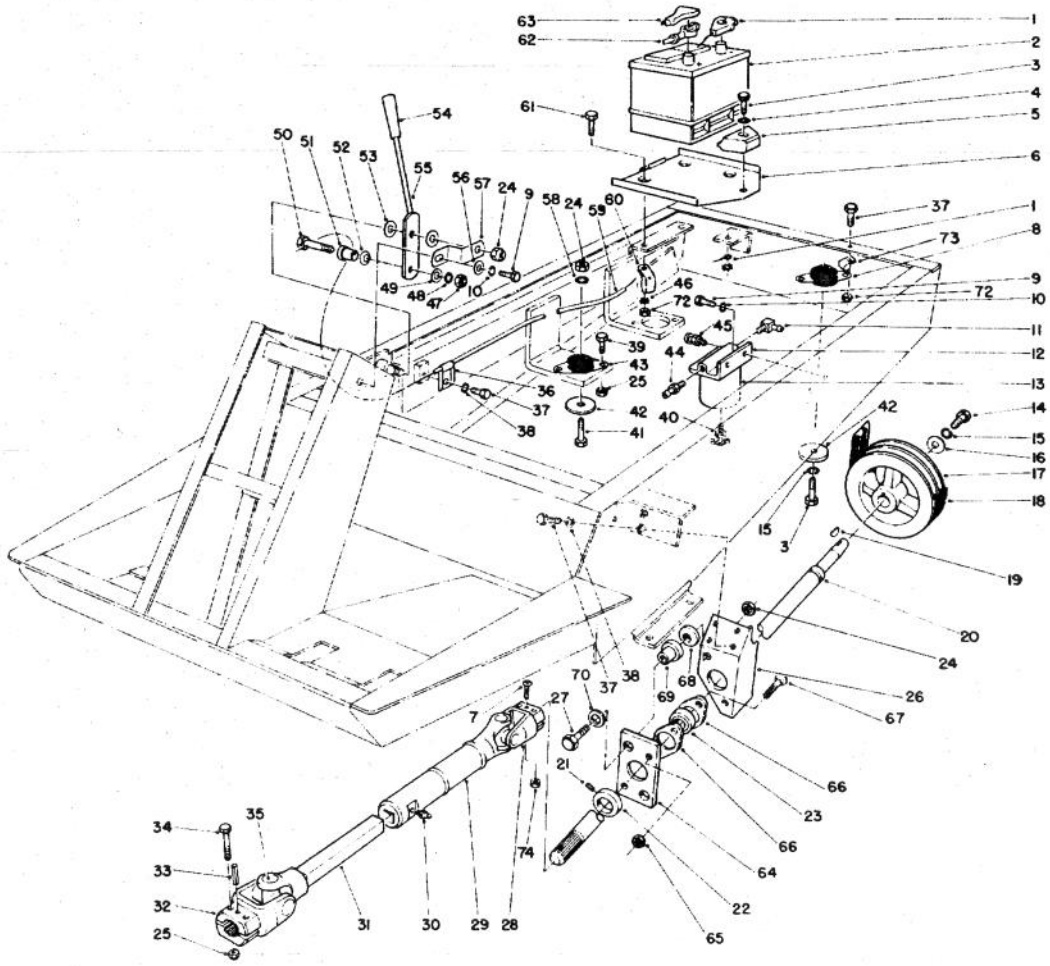
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POWER TAKE OFF BATTERY & ENGINE MOUNT

Ref. No.	Part No.	Description	No. Used
1	63-7340	Wire — Ground	1
2†		Battery	
		Type 26 SMF-5	1
3	323-9	Screw — Cap Hex Hd.	11
4	3256-24	Washer — Flat	1
5	66-2490	Clamp — Battery Retainer	1
6	66-2330	Base — Battery	1
7	32122-52	Screw — Truss H.D.	1
8	63-7141	Mount — Shock (Red)	1
9	321-4	Screw — Cap	3
10	3253-3	Washer — Lock	3
11	353-707	Fitting 90°	1
12	63-8280	Head Assy.	1
13	63-8300	Element, Spin-On	1
14	323-18	Screw — Cap Hex Hd.	1
15	3253-21	Washer — Lock	7
16	29-4730	Washer — PTO	1
17	43-5320	Pulley — PTO	1
18	63-6240	Belt — PTO	1
19	3257-5	Key — Woodruff	1
20	63-6220	Shaft — PTO	1
21	3246-1	Setscrew	1
22	251-77	Collar — Locking	1

Ref. No.	Part No.	Description	No. Used
23	251-253	Bearing — PTO Shaft (Incl. Ref. #21 & 22)	1
24	3296-39	Locknut	3
25	3296-29	Nut — Lock	11
26	63-6530	Bracket — PTO Bearing	1
27	323-10	Screw — Cap Hex Hd.	2
28	54-9090	Yoke — End	1
29	54-9170	Tube — Slip Yoke	1
30	302-58	Zerk	1
31	54-9050	Shaft — Slip Yoke	1
32	54-9040	Yoke — End	1
33	32151-34	Pin — Roll	1
34	322-9	Screw — Cap Hex Hd.	5
35	54-9180	Kit — Universal Joint	2
36	3-6657	Clip — Cable	1
37	322-3	Screw — Cap Hex Hd.	6
38	3253-4	Washer — Lock	5
39	322-5	Screw — Cap Hex Hd.	8
40	63-8310	Valve — Drain	1
41	323-11	Screw — Cap Hex Hd.	3
42	63-7400	Washer — Rebound	4
43	63-7140	Mount — Shock (Blue)	3
44	353-783	Fitting — Straight	1

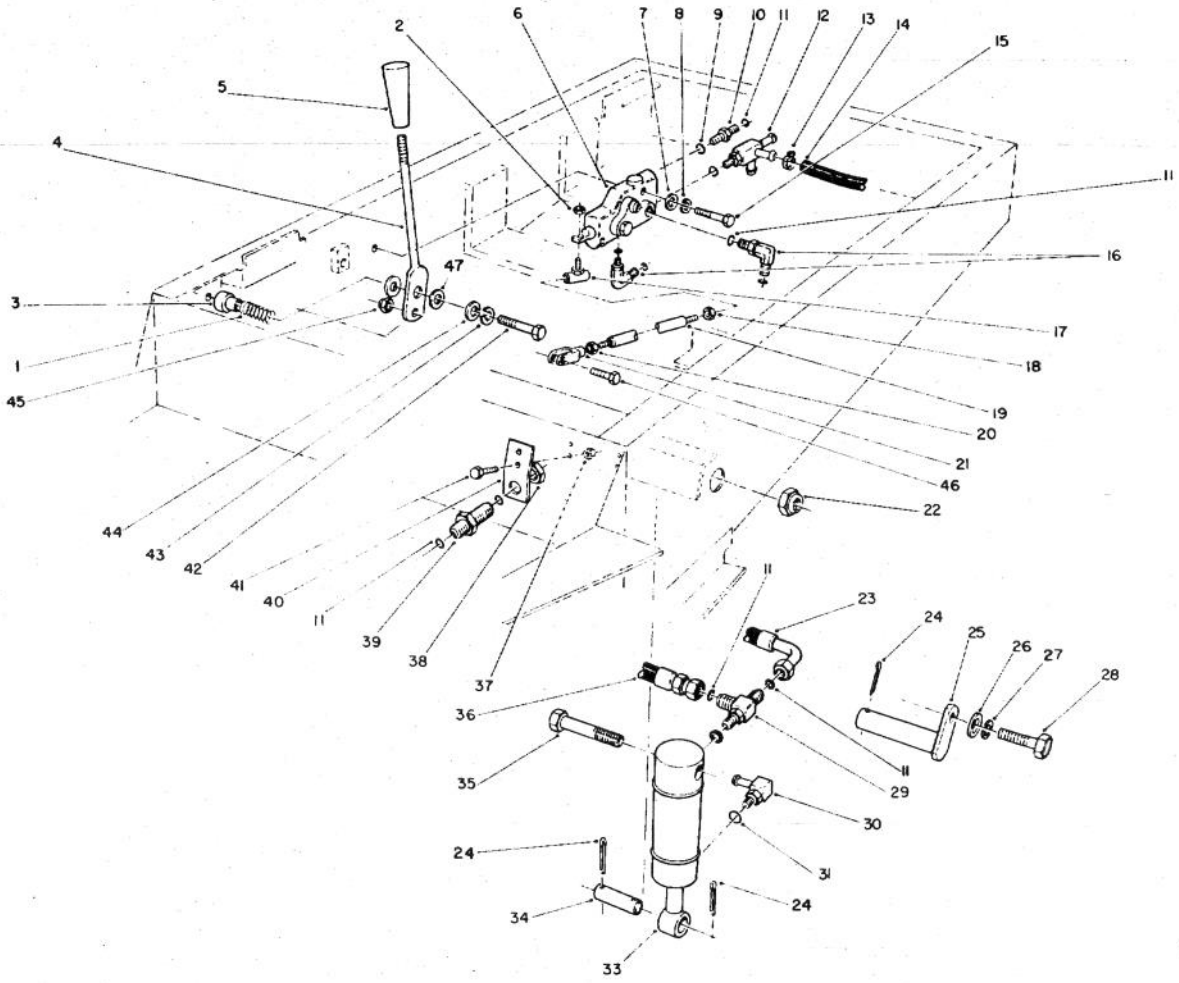
†Obtain Locally



POWER TAKE OFF BATTERY & ENGINE MOUNT (Continued)

Ref. No.	Part No.	Description	No. Used
45	63-8290	Vent — Air	1
46	3255-8	Lockwasher — External Tooth	1
47	67-5150	Nut — Hex	1
48	67-5140	Lockwasher — Internal Tooth	1
49	67-5130	Washer — Flat	1
50	67-5110	Screw — Special	1
51	67-5100	Sleeve — Connector	1
52	67-5120	Washer — Spring	1
53	66-2920	Washer — Friction	2
54	233-39	Knob	1
55	66-2700	Lever — Throttle	1
56	3256-22	Washer — Flat	1
57	66-2670	Bracket — Throttle	1
58	3256-24	Washer — Flat	3
59	66-3080	Cable — Throttle	1

Ref. No.	Part No.	Description	No. Used
60	67-7210	Clamp — R	2
61	322-4	Screw — Cap Hex Hd.	3
62	43-4031	Cable — Battery Pos.	1
63	28-1280	Boot — Pos. Cable	1
64	67-1640	Plate — Bushing Support	1
65	32149-1	Locknut	1
66	251-326	Bearing Flange	2
67	3230-2	Carriage Bolt	2
68	67-1630	Spacer — PTO	2
69	63-9750	Mount	2
70	63-8410	Washer Flat	2
72	32128-25	Nut — Flange	4
73	2412-104	R-Clamp	1
74	3296-54	Locknut	1

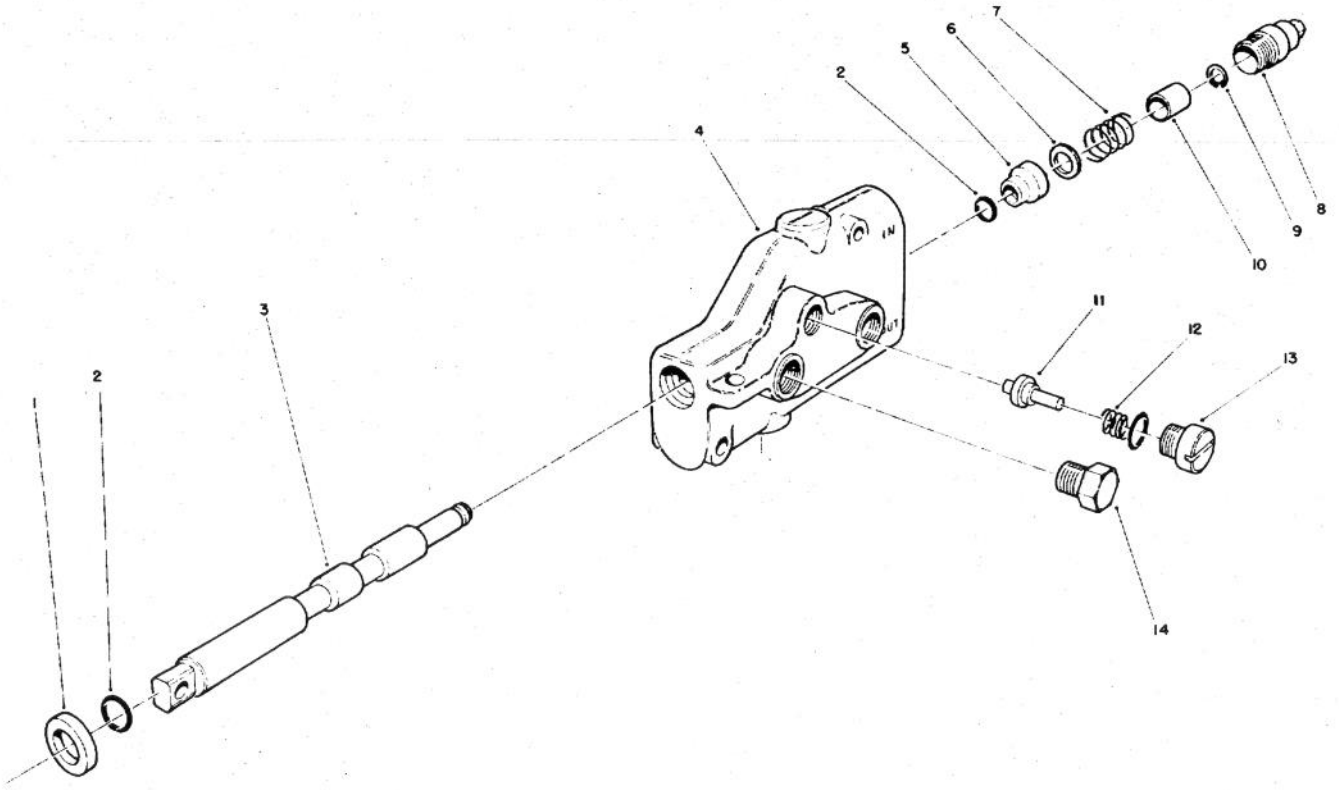


HYDRAULIC LIFT SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-7530	Spring — Compression	1
2	3296-27	Nut — Lock	1
3	66-2660	Spacer — Lever	1
4	66-2720	Lever — Lift	1
5	233-39	Knob	1
6	63-7960	Valve — Lift	1
7	3256-22	Washer — Flat	2
8	3253-3	Washer — Lock	2
9	237-65	Seal — O-Ring	5
10	340-2	Fitting — Straight (Incl. Ref. #9 & 11)	1
11	237-22	Seal — O-Ring	7
12	66-3130	Fitting — Tee (Incl. Ref. #9)	1
13	2412-36	Clamp — Hose	2
14	66-8150	Hose — Hydraulic	1
15	321-11	Screw — Cap Hex Hd.	2
16	340-77	Fitting — 90° Elbow (Incl. Ref. #9 & 11)	2
17	2411-37	Joint — Ball L.H.	1
18	3220-21	Nut — Jam L.H.	1
19	66-2680	Rod — Tie	1
20	3220-13	Nut — Jam R.H.	1
21	282-26	Clevis	1
22	3296-51	Nut — Lock	2
23	66-8190	Hydraulic Hose Assembly	1
24	3272-12	Pin — Cotter	6
25	27-4310	Pin — Pivot	2
26	3256-22	Washer — Flat	2

Ref. No.	Part No.	Description	No Used
27	3253-3	Washer — Lock	2
28	321-2	Screw — Cap Hex. Hd.	2
29	340-86	Fitting — Tee (Incl. Ref. #9 & 11) (Used on Cap End of Left Cylinder)	1
*	340-77	Fitting — 90° Elbow (Incl. Ref. #9 & 11) (Used on Cap End of Right Cylinder)	1
30	304-99	Fitting — 90° Elbow (Incl. Ref. #31)	2
31	237-22	Seal — O-Ring	2
33	63-6630	Cylinder — Lift	2
34	27-4240	Pin — Cylinder	2
35	328-20	Screw — Cap Hex Hd.	2
36	66-8640	Hydraulic Hose Assembly	1
37	3296-42	Nut — Lock	2
38	340-70	Nut — Fitting	1
39	340-71	Fitting — Bulkhead (Incl. Ref. #11 & 38)	1
40	63-7410	Bracket — Bulkhead	1
41	321-4	Screw — Cap Hex Hd.	1
42	322-9	Screw — Cap Hex Hd.	1
43	3253-4	Washer — Lock	1
44	3256-23	Washer — Flat	1
45	3296-12	Nut — Lock	1
46	3290-126	Screw Cap Hex Hd	1
47	3256-26	Flatwasher	2

*Not illustrated



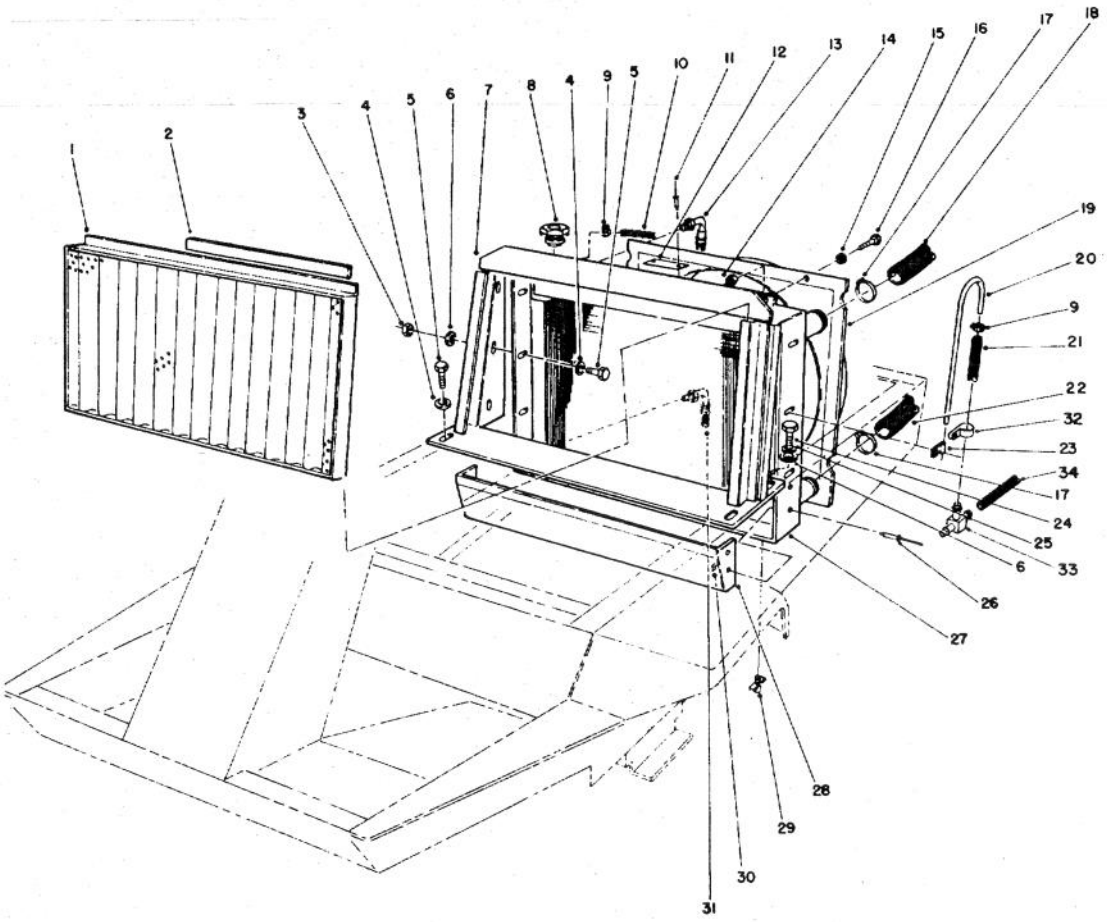
T-0532-89

LIFT VALVE ASSEMBLY NO. 63-7960

Ref. No.	Part No.	Description	No. Used
1	58-6320	Wiper Seal	1
2	58-6450	O-Ring	2
3		Spool	1
4		Body	1
5	58-6400	Bushing	1
6	65-2770	Washer	1
7	65-2950	Spring	1
8	58-6420	Cap Assembly	1

Ref. No.	Part No.	Description	No. Used
9	58-6460	Retaining Ring	1
10	65-2740	Spacer	1
11	65-2750	Plunger	1
12	65-2760	Spring	1
13	65-2930	Plug Assembly	1
14	58-6710	Plug Assembly	1
*	63-7960	Lift Valve Assembly (Incl. Ref. #3 & 4)	1

*Not Illustrated

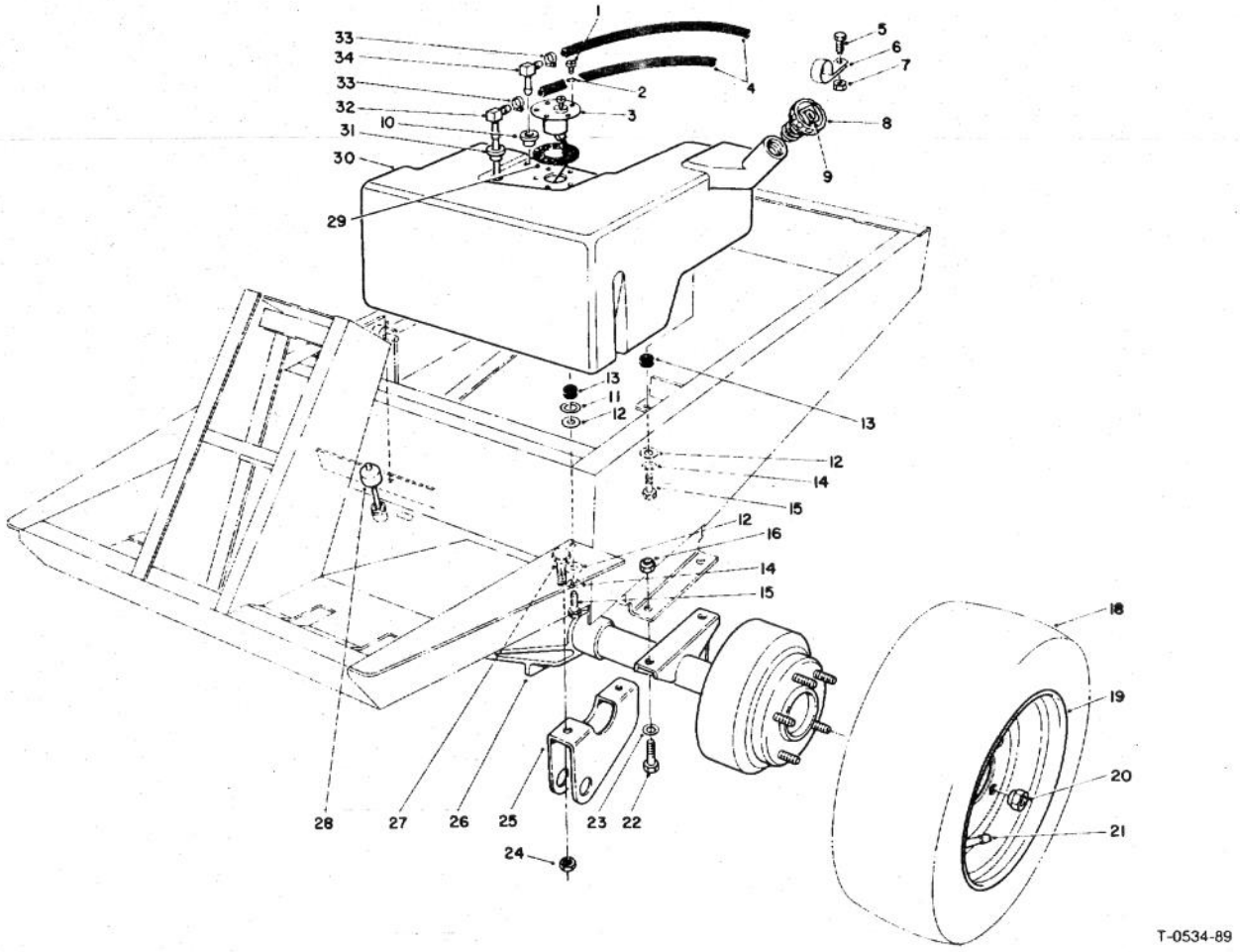


T-0533-89

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7700	Screen Frame Assembly	1
2	63-7710	Magnetic Strip	1
3	3296-29	Nut — Hex	6
4	3256-70	Washer, Flat	2
5	322-45	Screw — Hex	2
6	3256-23	Washer, Flat	10
7	63-6450	Radiator Support Assembly	1
8	66-3240	Cap — Radiator	1
9	2412-36	Clamp, Hose	4
10	63-7720	Hose	1
11	3290-271	Rivet	2
12	67-1650	Plate — Warning	1
13	66-8180	Hose Assembly	1
14	3296-42	Nut	4
15	3256-22	Washer, Flat	4
16	321-4	Capscrew	4
17	2412-3	Clamp, Hose	4

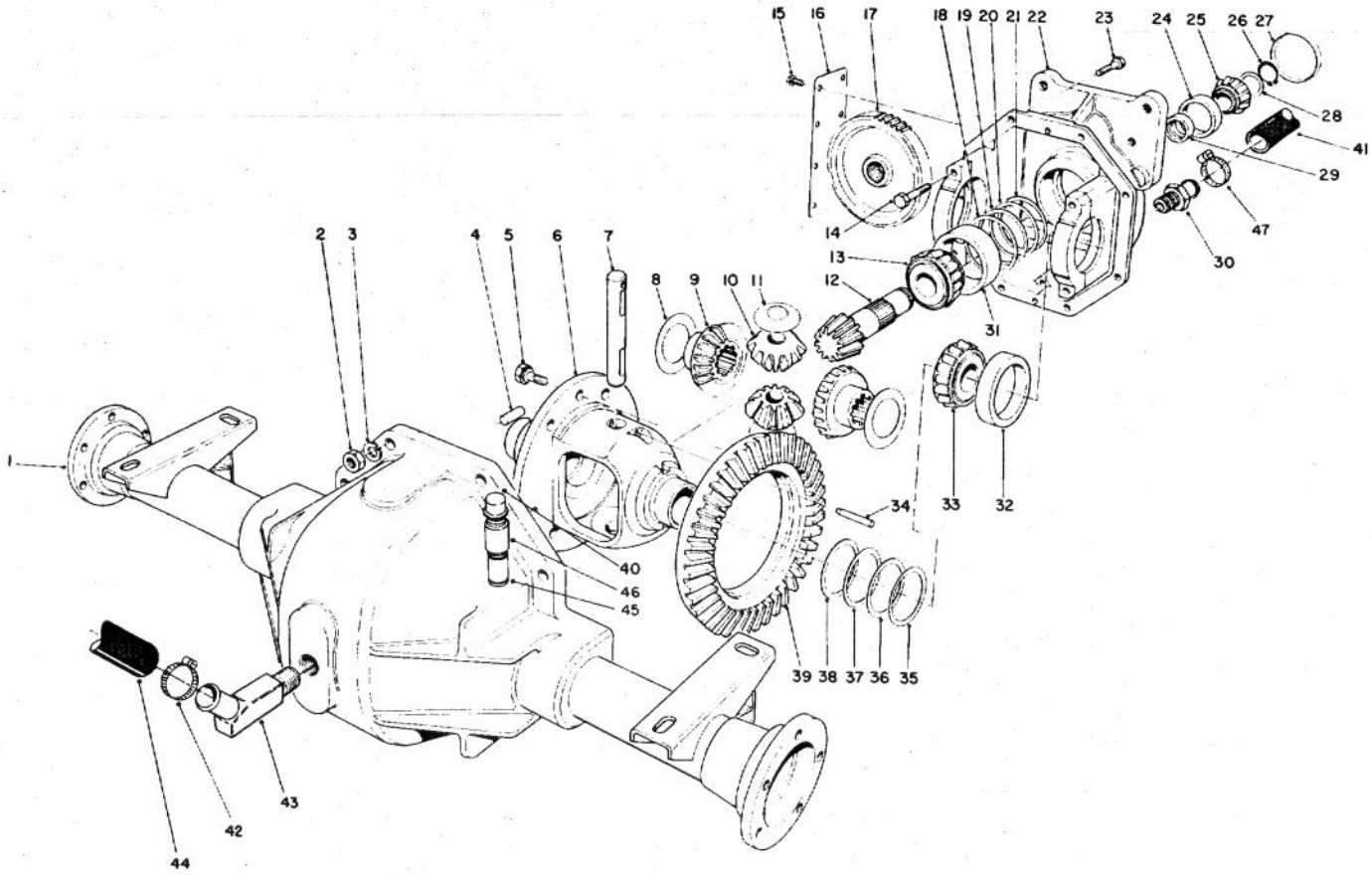
Ref. No.	Part No.	Description	No. Used
18	63-6010	Hose, Upper	1
19	63-6510	Shroud — Fan	1
20	66-3180	Tube	1
21	66-3170	Hose	1
22	63-6020	Hose, Lower	1
23	2412-103	R-Clamp	2
24	322-3	Capscrew	8
25	3253-4	Washer — Lock	2
26	3290-55	Pop — Rivet	7
27	63-6150	Radiator Assemby	1
28	63-6440	Shield — Radiator	1
29	304-46	Drain Cock	1
30	3256-13	Washer — Flat	7
31	66-8500	Hose Assembly	1
32	2210-185	R-Clamp	4
33	353-981	Fitting — Hyd. Tee	1
34	63-7600	Hose — Fuel	1



FUEL TANK AND AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32122-24	Screw — Machine	5
2	3253-15	Washer — Lock	5
3	63-7640	Sender — Fuel	1
4	63-7630	Hose	2
5	322-5	Hex Hd. Capscrew	1
6	2412-96	R-Clamp	1
7	32128-25	Locknut	1
8	63-8220	Cap — Gas	1
9	63-4490	Decal — Fuel Cap	1
10	46-6560	Bushing	2
11	3256-26	Washer — Flat	2
12	3256-22	Washer — Flat	3
13	237-136	Grommet	3
14	3253-3	Washer — Lock	3
15	321-5	Screw — Hex Hd.	3
16	3296-48	Nut — Hex	4
18	231-101	Tire	2

Ref. No.	Part No.	Description	No. Used
19	217-117	Rim	2
20	23-7270	Nut — Lug	10
21	232-31	Valve Stem w/Cap	2
22	324-5	Screw — Hex Hd.	4
23	3256-25	Washer — Flat	4
24	3296-41	Nut — Hex	4
25	67-1830	Carrier Bracket	2
26	70-2740	Axle Assembly	1
27	3214-5	Screw — Hex	4
28	66-3060	Dipstick — Differential	1
29	62-7650	Gasket	1
30	63-7370	Tank — Fuel	1
31	46-6560	Bushing	2
32	66-8120	Standpipe	1
33	2412-36	Clamp	12
34	46-6550	Connector 90°	1



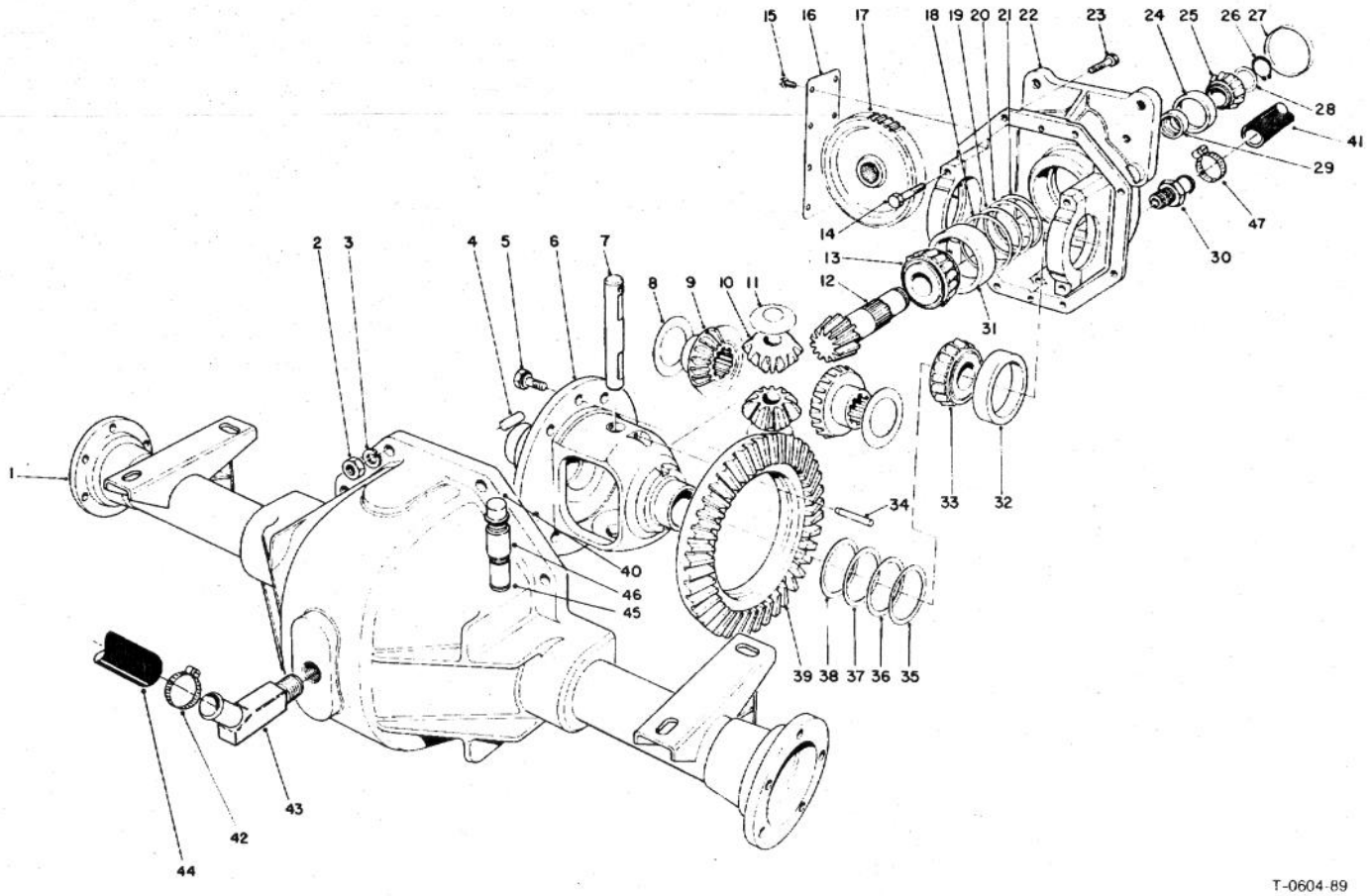
T-0604-89

DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-8090	Lower Housing Assembly	1
2	3219-2	Nut	8
3	3255-8	Lockwasher	8
4	21-8270	Dowel Pin	2
5	21-7770	Drive Gear Screw	5
6	21-7670	Differential Case	1
7	21-7700	Pinion Mate Shaft	1
8	21-7720	Thrust Washer	2
9	24-8790	Differential Bevel Side Gear	2
10	21-7690	Pinion Gear	2
11	21-7730	Thrust Washer	2
12		Drive Pinion	1
13	43-6760	Tapered Roller Bearing Cone	1
14	324-23	Capscrew	4
15	12-5450	Thread Forming Screw	8
16	21-7830	Gear Cover	1
17	21-8150	Spur Gear	1
18	43-6710	Shim Adjusting Differential Bearing .003	A/R
19	43-6711	Shim Adjusting Differential Bearing .005	A/R
20	43-6712	Shim Adjusting Differential Bearing .010	A/R

Ref. No.	Part No.	Description	No. Used
21	43-6713	Shim Adjusting Differential Bearing .030	A/R
22	70-2760	Upper Housing Assembly (Incl. Ref. #14)	1
23	3210-7	Capscrew	8
24	254-90	Bearing Cup	1
25	254-91	Bearing Cone	1
26	43-6550	Retaining Ring	1
27	21-7850	Cap Plug	1
28	46-2210	Shim Front Pinion Bearing (.031)	A/R
*	46-2211	Shim Front Pinion Bearing (.033)	A/R
*	46-2212	Shim Front Pinion Bearing (.035)	A/R
*	46-2213	Shim Front Pinion Bearing (.037)	A/R
*	46-2214	Shim Front Pinion Bearing (.039)	A/R
*	46-2215	Shim Front Pinion Bearing (.041)	A/R
*	46-2216	Shim Front Pinion Bearing (.043)	A/R

*Not Illustrated



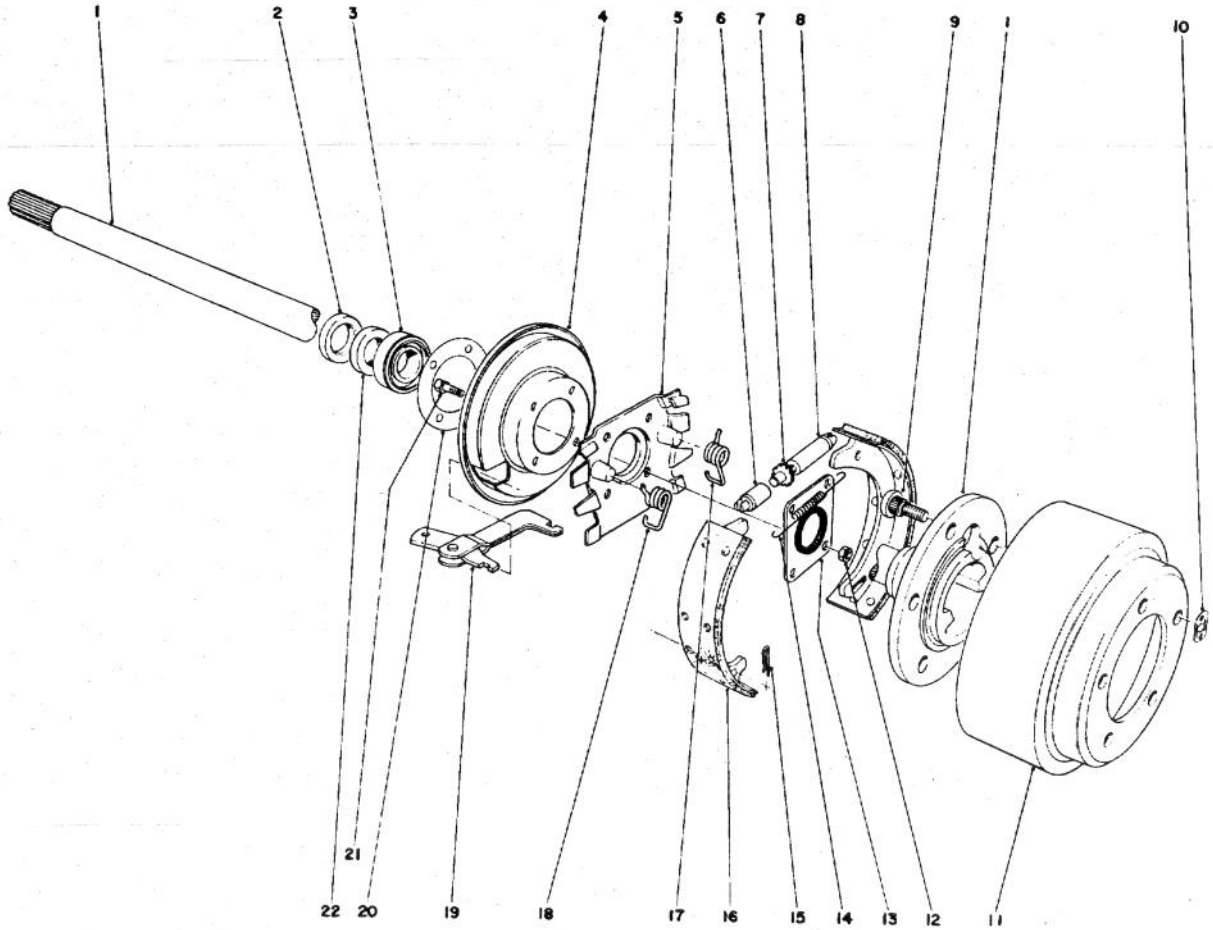
T-0604-89

DIFFERENTIAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
*	46-2220	Shim Front Pinion Bearing (.045)	A/R
*	46-2221	Shim Front Pinion Bearing (.047)	A/R
*	46-2222	Shim Front Pinion Bearing (.049)	A/R
*	46-2223	Shim Front Pinion Bearing (.051)	A/R
*	46-2224	Shim Front Pinion Bearing (.053)	A/R
*	46-2225	Shim Front Pinion Bearing (.055)	A/R
*	46-2226	Shim Front Pinion Bearing (.057)	A/R
29	21-8020	Front Pinion Bearing Spacer	1
30	354-18	Fitting — Straight	1
31	43-6750	Tapered Roller Bearing Cup	1
32	254-66	Cup — Tapered Bearing	2

Ref. No.	Part No.	Description	No. Used
33	254-65	Cone — Tapered Bearing	2
34	32121-15	Roll Pin	1
35	21-8090	Differential Adjust. Shim. .003	A/R
36	21-8100	Differential Adjust. Shim. .005	A/R
37	21-8110	Differential Adjust. Shim. .010	A/R
38	21-8120	Differential Adjust. Shim. .030	A/R
39		Ring Gear	1
40	21-8230	Vent Assembly	1
41	66-8130	Hose — Hydraulic	1
42	2412-34	Clamp — Hose	2
43	66-8740	Pipe Nipple	1
44	66-3140	Tube — Fill	1
*	43-6510	Gear & Pinion Assembly (Incl. Ref. #12 & 39)	1
45	289-6	Pipe Nipple	1
46	2810-1	Coupler	1
47	2412-36	Clamp — Hose	2

*Not Illustrated



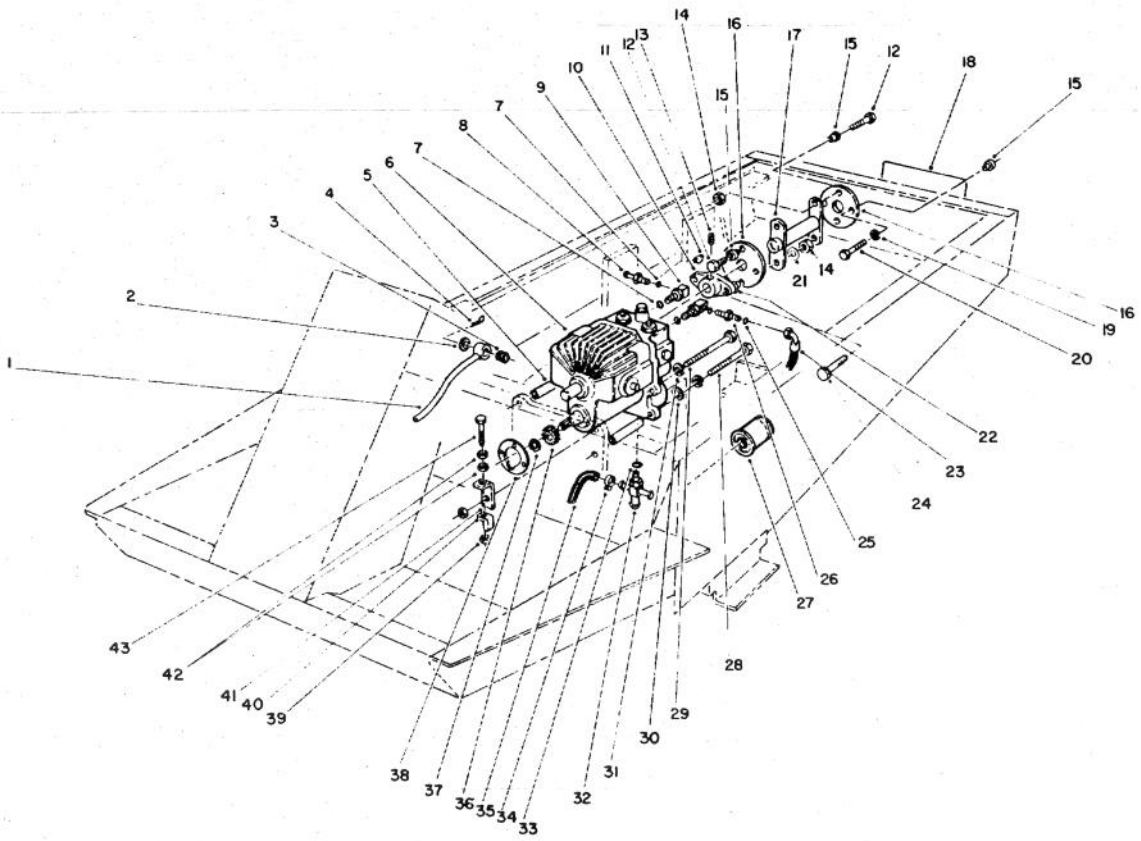
T-0535-89

BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-6861	Axle Shaft Flanged L.H.	1
*	27-6851	Axle Shaft Flanged R.H.	1
2	21-8330	Oil Seal	2
3	21-8180	Bearing — Tapered Roller	2
4	21-9450	Dust Shield	2
5	43-6810	Torque Spider	2
6	21-9390	Socket — Adjusting Screw	2
7	21-9370	Adjusting Screw	2
8	21-9380	Pivot Nut	2
9	242-34	Axle Flange Stud	10
10	21-8360	Clip Retaining	2
11	28-0680	Brake Drum	2

Ref. No.	Part No.	Description	No. Used
12	43-6800	Locknut — Flange Hd.	8
13	28-0670	Oil Seal	2
14	21-9440	Spring — Adjusting Screw	2
15	21-9460	Retainer — Parking Brake Lever	4
16	43-2690	Shoe & Lining Ass'y.	4
17	21-9420	Spring — Shoe Return L.H.	2
18	21-9430	Spring — Shoe Return R.H.	2
19	24-9180	Strut & Lever Parking Brake	2
20	21-8320	Gasket Wheel Bearing	2
21	28-0660	Capscrew	8
22	24-8840	Ring Wheel Bearing	2

*Not Illustrated

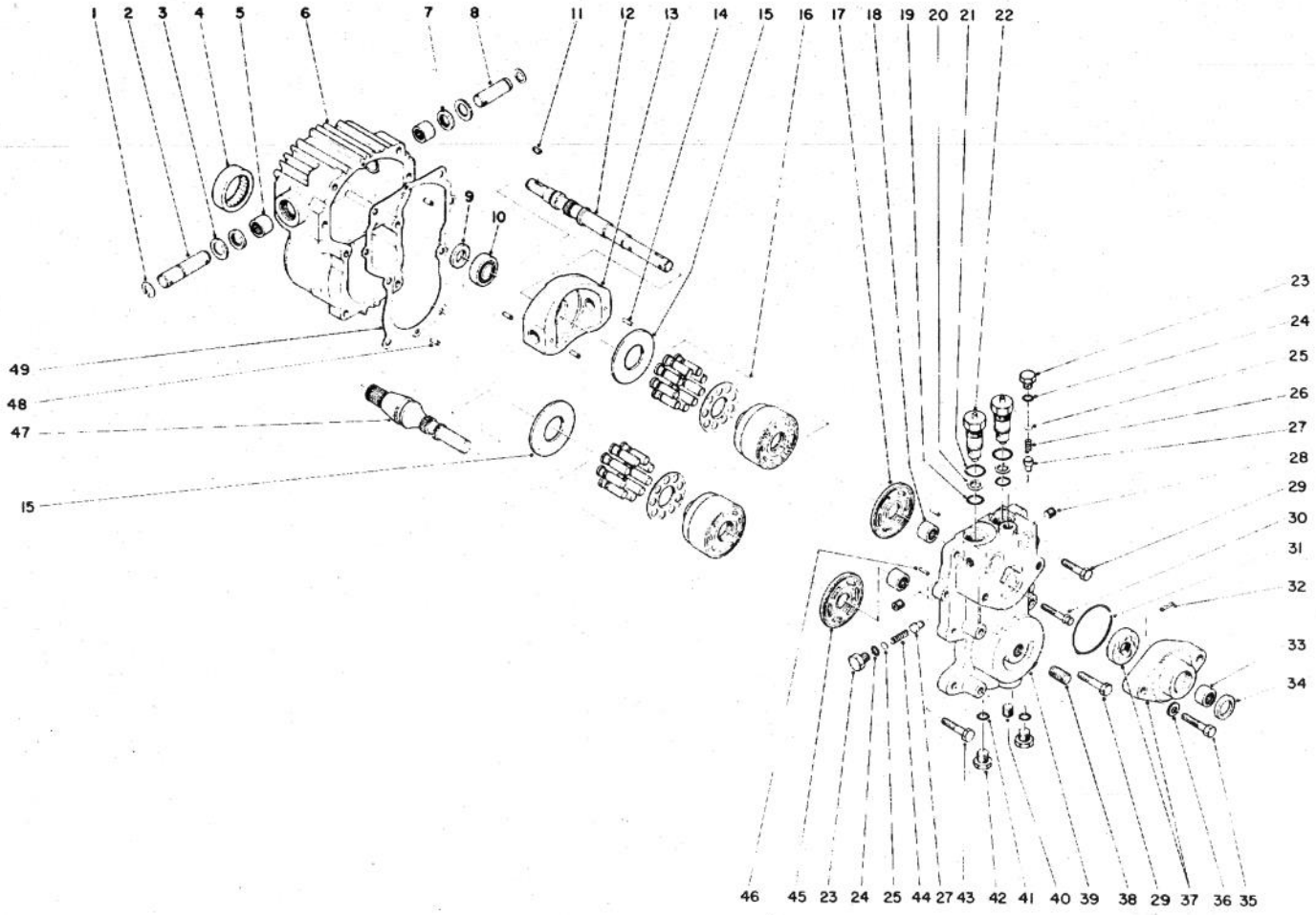


T-0605-89

TRANSMISSION & DRIVE COUPLING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-6410	Tube — Traction Control	1
2	3256-26	Washer — Flat	1
3	23-2270	Bushing — Rubber	1
4	3272-10	Pin — Cotter	1
5	27-3680	Spacer — Mounting	4
6	49-7910	Transmission	1
7	237-65	O-Ring	4
8	353-979	Hose Barb	1
9	66-3110	Hyd. Fitting	2
10	27-4370	Pump Hub	1
11	3257-5	Woodruff Key	1
12	3210-5	Hex Hd. Capscrew	4
13	3245-1	Set Screw	2
14	32152-5	Nut — Lock	6
15	27-6600	Spacer — Rubber	6
16	44-2230	Coupling — Rubber	2
17	63-6610	Drive Shaft	1
18	62-7400	Decal — Toro	1
19	42-9850	Lockwasher	2
20	66-3160	Capscrew	2
21	3256-71	Flat Washer	2
22	27-6590	Spacer	2

Ref. No.	Part No.	Description	No. Used
23	66-8490	Hose Assembly	1
24	3210-8	Capscrew	2
25	237-30	O-Ring	1
26	340-2	Fitting	1
27	23-2300	Oil Filter	1
28	323-39	Capscrew	3
29	27-9620	Capscrew	1
30	3256-24	Washer Flat	2
31	3253-21	Lockwasher	4
32	66-3120	Hyd. Fitting — Cross	1
33	237-80	O-Ring	1
34	2412-36	Hose Clamp	4
35	60-8160	Hose	2
36	23-4810	Spur Gear	1
37	32120-72	Snap Ring	1
38	27-3690	Gasket — Transmission	1
39	3296-39	Nut — Lock	2
40	67-7210	R-Clamp	1
41	63-7170	Anchor — Transmission	1
42	3218-3	Nut — Jam	2
43	67-1900	Capscrew	1

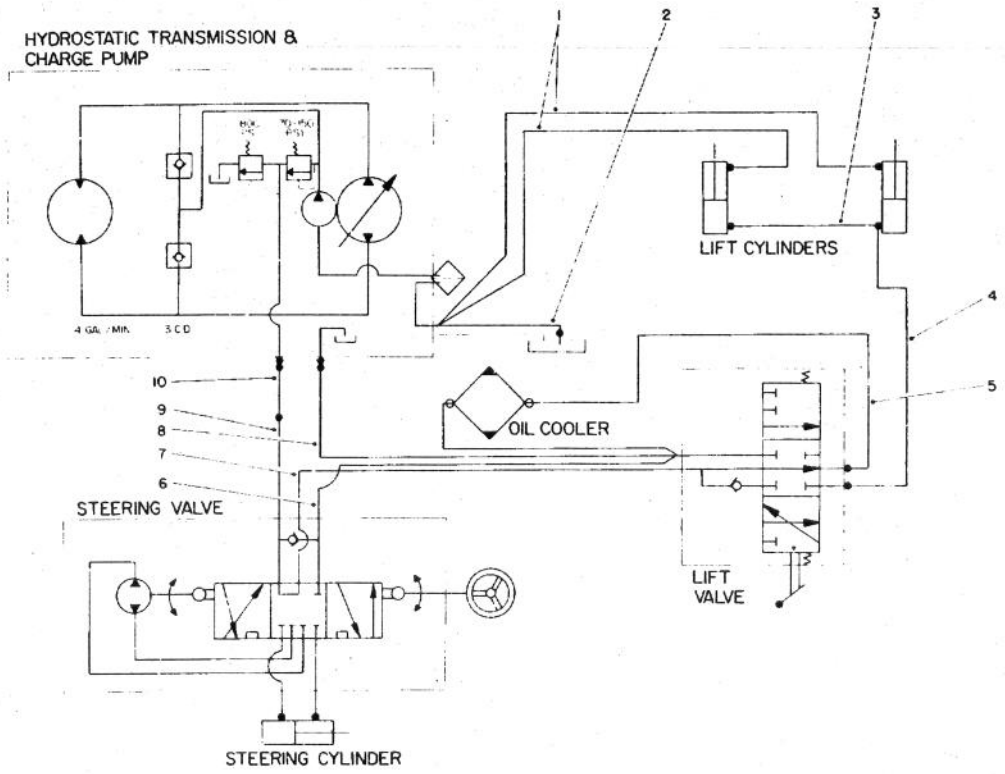


T-0536-89

TRANSMISSION ASSEMBLY 49-7910

Ref. No.	Part No.	Description	No. Used
1	32151-46	Retaining Ring	2
2	25-2500	Trunnion Shaft	1
3	25-2510	Washer	2
4	28-3300	Roller Bearing	1
5	28-3310	Needle Bearing	2
6	49-7870	Housing	1
7	25-3210	Lip Seal	2
8	28-3670	Trunnion Shaft	1
9	28-3660	Lip Seal	1
10	28-3650	Ball Bearing	1
11	3257-5	Woodruff Key	2
12	28-3640	Pump Shaft	1
13	49-7820	Variable Swashplate	1
14	32121-91	Pin	3
15	25-2380	Thrust Plate	2
16	48-1800	Cylinder Block Kit	2
17	46-7320	Pump Valve Plate	1
18	25-3300	Needle Bearing	2
19	28-3590	"O" Ring	2
20	28-3580	Back Up Ring	2
21	28-3570	"O" Ring	2
22	49-7830	Check Valve Assembly (Incl. Ref. #19-21)	2
23	25-2460	Hex Hd. Plug	2
24	28-3400	"O" Ring	2
25	25-2470	Shim Pack	A/R

Ref. No.	Part No.	Description	No. Used
26	46-7310	Relief Valve Spring Imp.	1
27	28-3420	Relief Valve Cone Chg.	2
28	285-17	Pipe Plug	4
29	323-8	Capscrew	2
30	28-3530	Capscrew	2
31	28-3520	"O" Ring	1
32	38-2680	Pin	1
33	28-3480	Needle Bearing	1
34	28-3470	Lip Seal	1
35	324-23	Hex Hd. Capscrew	2
36	28-3450	Flat Washer	2
37	38-2670	Charge Pump Kit (Incl. Ref. #31-34)	1
38	25-2660	Filter Union	1
39	49-7850	Center Section	1
40	46-7280	Plug — Pipe	1
41		"O" Ring	2
42	28-3440	Threaded Plug (Incl. Ref. #41)	2
43	323-10	Capscrew	4
44	25-2480	Relief Valve Spring Chg.	1
45	28-3380	Motor Valve Plate	1
46	25-2430	Pin	2
47	49-8200	Motor Shaft	1
48	28-3350	Pin	2
49	28-3340	Gasket	1

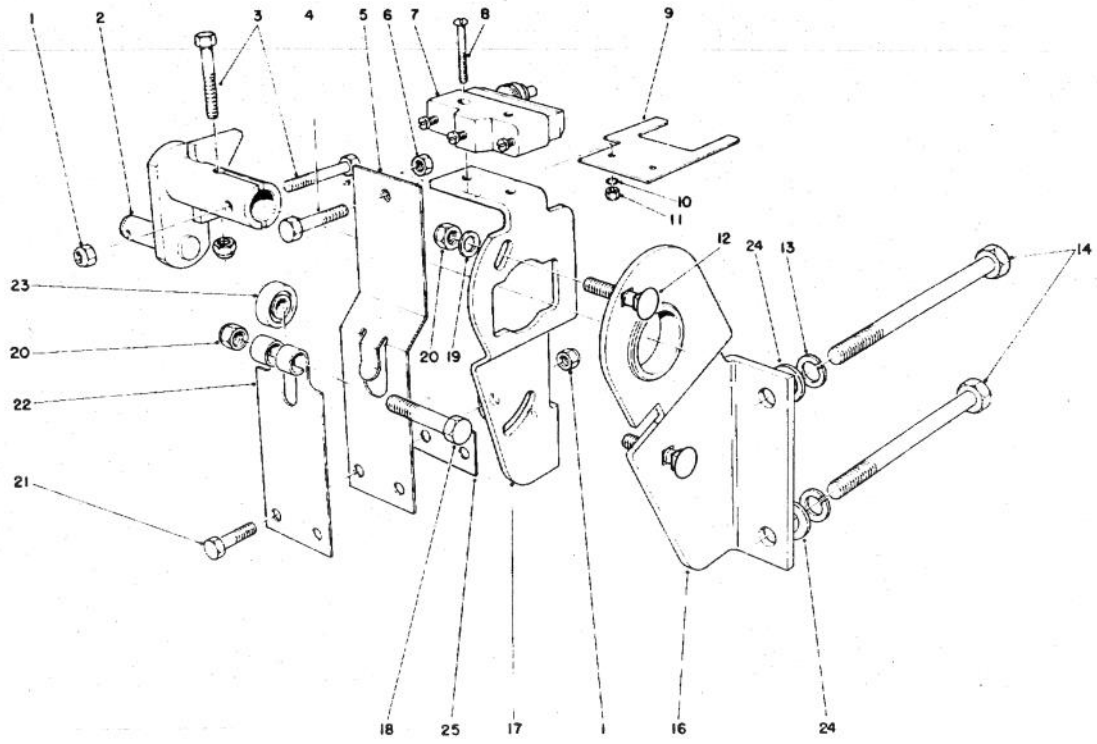


T-0537-89

HYDRAULIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	66-8160	Hose	2
2	66-8130	Hose	1
3	66-8190	Hose	1
4	66-8640	Hose	1
5	66-8180	Hose	1

Ref. No.	Part No.	Description	No. Used
6	66-8150	Hose	1
7	66-8630	Tube	1
8	66-8500	Hose	1
9	66-8620	Hose	1
10	66-8490	Hose	1

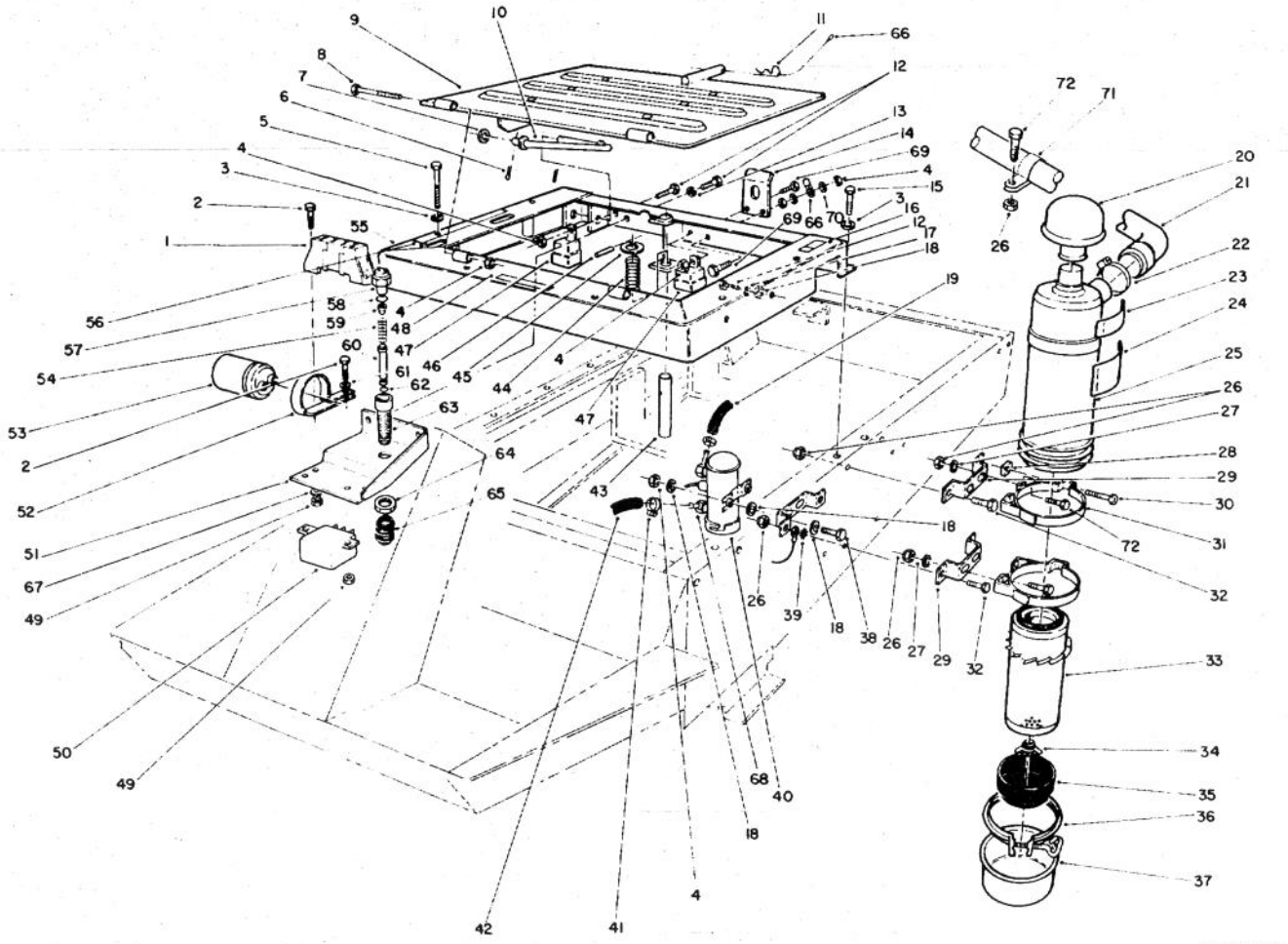


T-0538-89

TRANSMISSION INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut — Lock	4
2	29-9790	Pump Lever	1
3	321-9	Capscrew	2
4	3210-7	Screw — Cap Hex Hd.	1
5	29-6170	Extended Leaf Spring	1
6	3219-2	Nut Hex	1
7	29-6160	Micro Switch	1
8	3249-11	Screw — Machine, Round Head	2
9	46-8810	Stop — Leaf Spring	1
10	3254-9	Washer — Lock Internal Tooth	2
11	3217-16	Nut — Hex	2
12	3230-2	Carriage — Bolt	2

Ref. No.	Part No.	Description	No. Used
13	3253-21	Washer — Lock	2
14	323-39	Screw — Cap Hex. Hd.	2
16	52-8890	Mounting Bracket	2
17	52-9070	Pump Plate	1
18	322-17	Screw — Cap Hex. Hd.	1
19	3256-23	Washer	2
20	3296-29	Nut — Lock	3
21	321-4	Screw — Cap Hex. Hd.	2
22	29-6150	Leaf Spring	1
23	251-259	Ball Bearing	1
24	3256-24	Washer Flat	4
25	51-3150	Shim	1

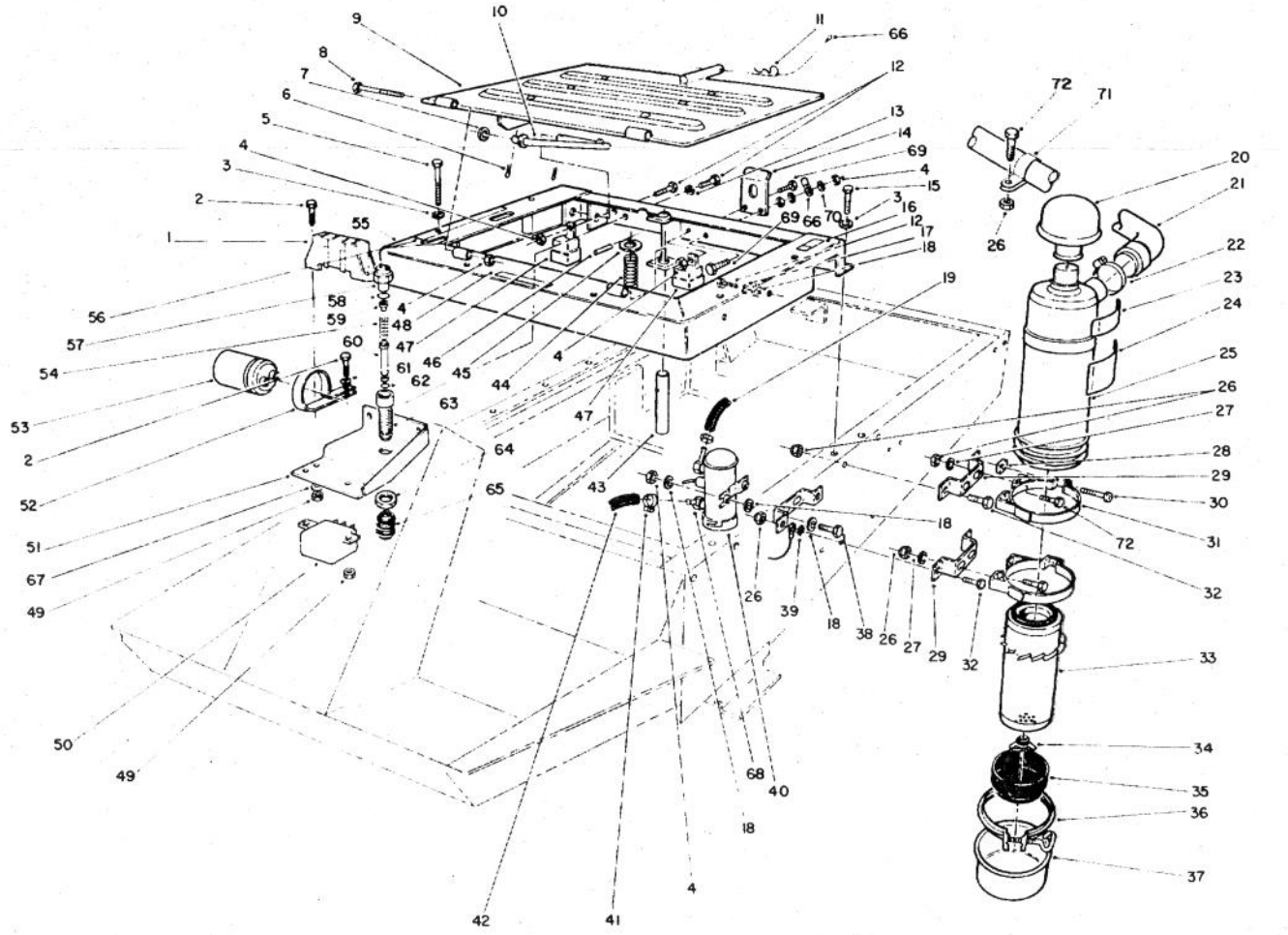


T-0606-89

SEAT FRAME & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-7160	Fuse Block	1
2	3290-126	Capscrew	4
3	3256-70	Washer — Flat	8
4	3296-42	Nut	9
5	322-33	Capscrew	6
6	3272-11	Cotter Pin	2
7	3256-24	Washer, Flat	1
8	321-15	Capscrew	2
9	63-7080	Plate Seat	1
10	66-2800	Rod — Seat Support	1
11	3290-255	Hair Pin, Cotter	1
12	321-4	Capscrew	11
13	3253-3	Lockwasher	2
14	66-2630	Latch — Seat	1
15	322-45	Capscrew	2
16	52-1320	Decal — Diesel Fuel Only	1
17	3253-3	Lockwasher	4
18	3256-22	Washer — Flat	6
19	63-7620	Hose	1
20	27-7180	Cap Assembly	1
21	63-6040	Hose — Air Cleaner Inlet	1
22	2412-42	Hose Clamp	2
23	67-1700	Decal — Starting Fluid	1

Ref. No.	Part No.	Description	No. Used
24	27-7160	Decal — Instructions	1
25	27-7100	Air Cleaner Assembly (Incl. Ref. #24 & 32-36)	1
26	3256-29	Nut — Lock	6
27	3256-23	Washer — Flat	4
28	32107-11	Nut — Square	2
29	66-2450	Bracket — Air Cleaner	3
30	3258-19	Capscrew	2
31	27-7170	Mounting Band Assembly (Incl. Ref. #28 & 30)	2
32	322-5	Capscrew	8
33	27-7110	Element Assembly	1
34	27-7120	Nut & Gasket Assembly	1
35	27-7140	Skirt — Baffle	1
36	27-7130	Clamp Assembly	1
37	27-7150	Cup Assembly	1
38	321-8	Capscrew	2
39	3255-8	Lockwasher Ext. Tooth	1
40	53-8150	Fuel Pump	1
41	2412-36	Hose Clamp	4
42	63-7630	Hose	1
43	66-2590	Pin — Seat Spring	1
44	37-9590	Spring — Compression	1



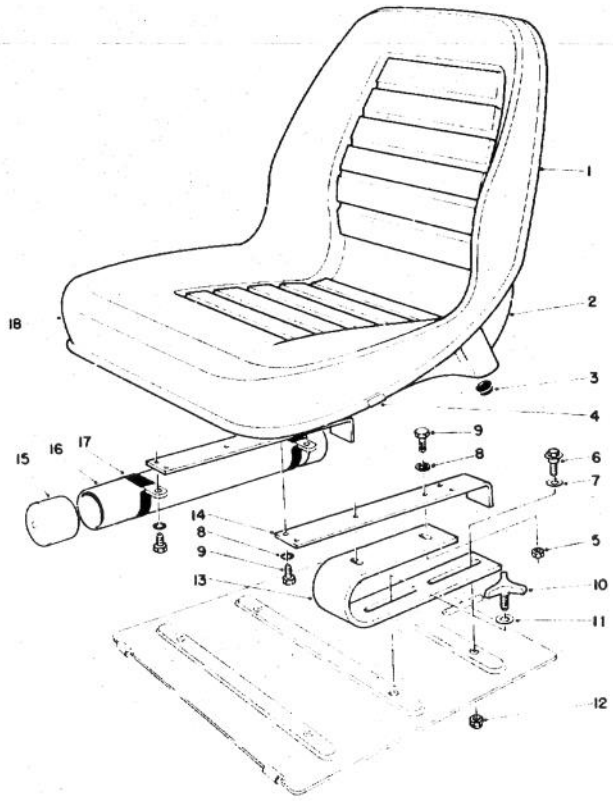
T-0606-89

SEAT FRAME & AIR CLEANER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	3256-27	Washer — Flat	1
46	32121-6	Roll Pin	1
47	63-7590	Relay	2
48	67-1710	Decal — Interlock	1
49	3296-12	Nut	4
50	66-8800	Relay	1
51	70-7290	Bracket — Seat Switch	1
52	2412-74	R-Clamp	1
53	37-2690	Capacitor	1
*	44-1070	Switch — Seat (Incl. Ref. #54, 57-60 & 62-65)	1
54	43-8600	Spring — Compression	1
55	63-7290	Frame — Seat	1
56	66-8750	Decal — Control Levers	1
57	38-0430	Switch — Neutral	1

Ref. No.	Part No.	Description	No. Used
58	237-30	O-Ring	1
59	43-8610	Guide — Spring & Ball Seat	1
60	43-8860	Plunger — Switch	1
61	3256-22	Washer — Flat	1
62	237-7	O-Ring	1
63	43-8620	Guide — Switch Pin	1
64	218-461	Jam Nut	1
65	43-8870	Boot — Switch	1
66	28-8070	Lanyard	1
67	3255-5	Washer — Extended Tooth	2
68	67-1690	Fitting	2
69	321-6	Screw — Hex Hd.	1
70	3256-1	Washer — Flat	4
71	2412-107	R-Clamp	1
72	322-3	Hex Hd. Capscrew	2

*Not Illustrated



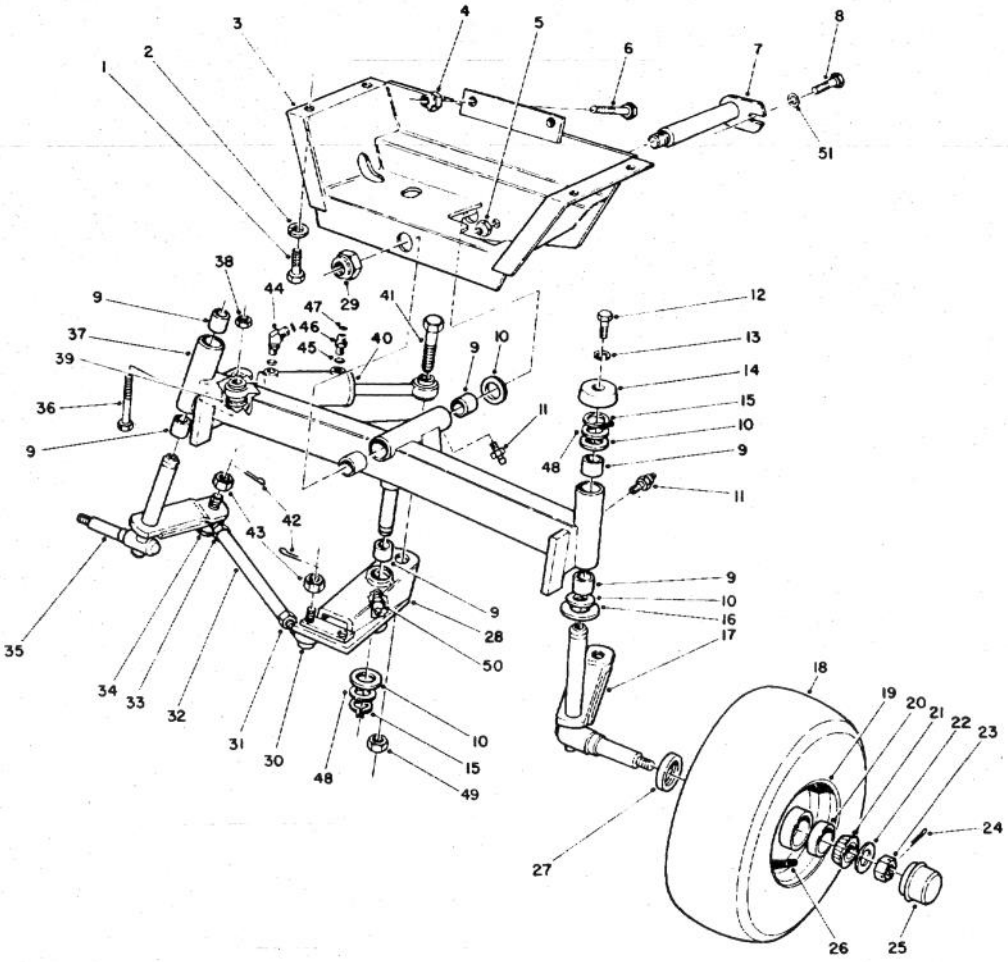
T-0539-89

STANDARD SEAT KIT MODEL NO. 30769

Ref. No.	Part No.	Description	No. Used
1		Edging	1
2	67-9560	Shell — Seat	1
3		Grommet	2
4		Clip	2
5	3217-6	Nut — Hex	4
6	27-5240	Bolt — Shoulder	2
7	3256-26	Washer — Flat	2
8	3253-4	Washer — Lock	8
9	322-5	Screw — Cap Hex. Hd.	8
10	27-4570	Handle — Adjustment	2

Ref. No.	Part No.	Description	No. Used
11	36-8020	Washer	2
12	3296-39	Nut — Lock	2
13	46-9110	Spring — Seat	2
14	46-9120	Mount — Seat	2
15	65-5890	Cap — End	2
16	65-5870	Tube — Manual	1
17	2412-102	R-Clamp	2
18	67-9550	Cushion — Seat	1
*	66-5400	Seat Assembly (Incl. Ref. #1, 2 & 18)	1

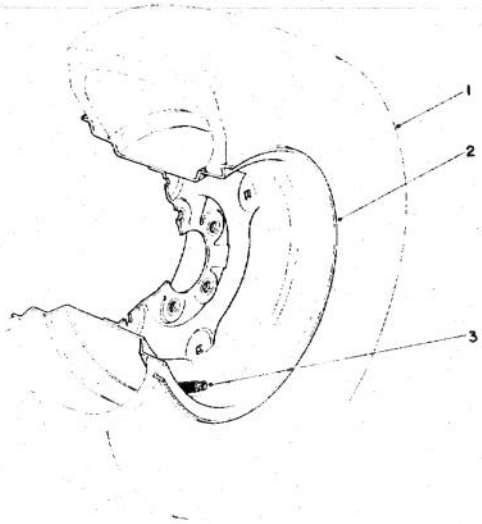
*Not Illustrated



REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-6	Screw — Cap Hex. Hd.	4
2	3253-5	Washer — Lock	4
3	63-6430	Frame — Rear	1
4	3296-25	Nut — Lock	2
5	3296-42	Nut — Lock	1
6	325-5	Screw — Cap Hex. Hd.	2
7	63-6770	Pin — Rear Axle	1
8	321-4	Screw — Cap Hex. Hd.	1
9	67-1750	Bushing	8
10	10-8110	Washer	6
11	302-5	Fitting — Grease	3
12	321-2	Screw —Cap Hex. Hd.	2
13	3253-3	Washer — Lock	2
14	66-2990	Cap — Spindle	2
15	32151-36	Ring — Retaining	3
16	256-121	Washer — Thrust	2
17	63-6090	Spindle — Wheel L.H.	1
18	231-105	Tire	2
19	217-118	Rim	2
20	254-72	Cup — Bearing	4
21	254-94	Cone — Bearing	4
22	3256-28	Washer — Flat	2
23	32136-5	Nut — Castle	2
24	3272-13	Pin — Cotter	2
25	241-119	Cap — Hub	2
26	232-35	Stem — Valve	2

Ref. No.	Part No.	Description	No. Used
27	253-129	Seal — Hub	2
28	63-6570	Pivot — Steering (Incl. Ref. #9 & 50)	1
29	3296-51	Nut — Lock	1
30	21-0150	Joint — Ball L.H.	2
31	3220-12	Nut — Jam L.H.	2
32	63-6880	Rod — Tie	2
33	3220-5	Nut — Jam R.H.	2
34	21-0140	Joint — Ball R.H.	2
35	63-6100	Spindle — Wheel R.H.	1
36	67-7300	Screw Hex Hd.	1
37	63-6120	Axle — Rear (Inc. Ref. #9 & 11)	1
38	32153-6	Nut — Hex Lock	1
39	67-7250	Spacer Cyl.	1
40	63-6740	Cylinder — Steering	1
41	67-7240	Screw — Cap Hex. Hd.	1
42	3272-6	Pin — Cotter	4
43	32136-4	Nut — Castle	4
44	340-103	Fitting — 45° Elbow (Incl. Ref. #45 & 47)	1
45	237-22	Seal — O-Ring	2
46	340-92	Fitting — Straight	1
47	237-22	Seal — O-Ring	2
48	5-1226	Washer — Flat	A/R
49	3218-7	Nut Hex Jam	1
50	302-62	Fitting — Grease	1
51	3256-22	Washer — Flat	1

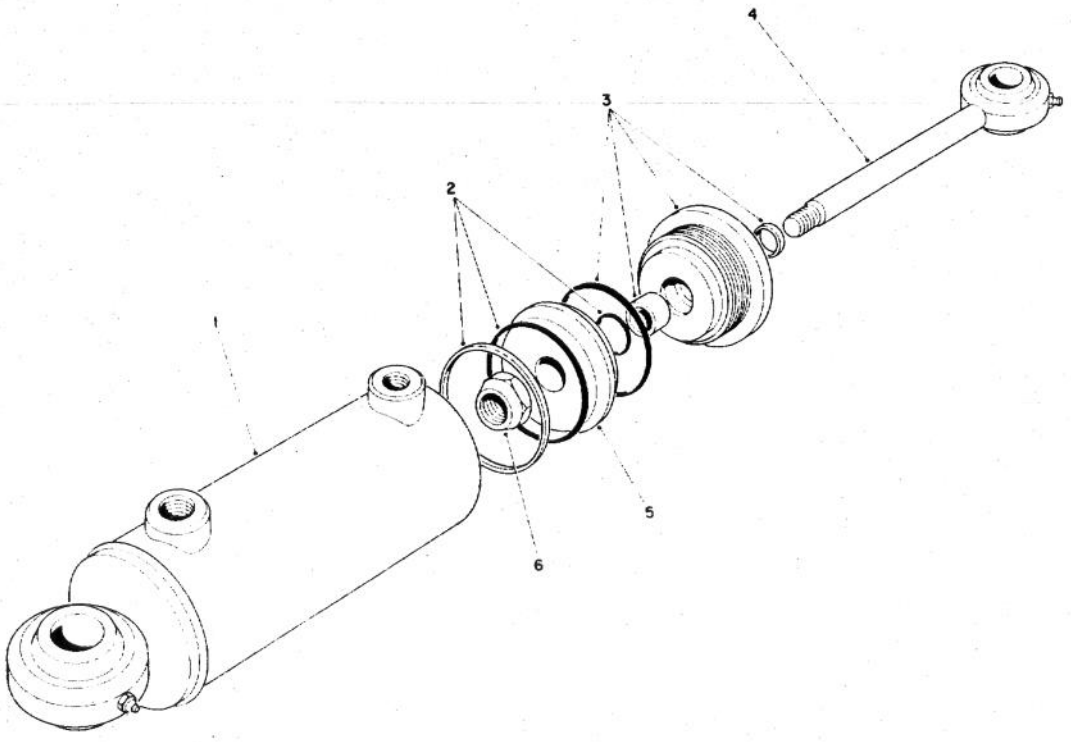


T-0449-89

TIRE & WHEEL ASSEMBLY 23 X 10.50 X 12 (Optional) NO. 62-7020

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

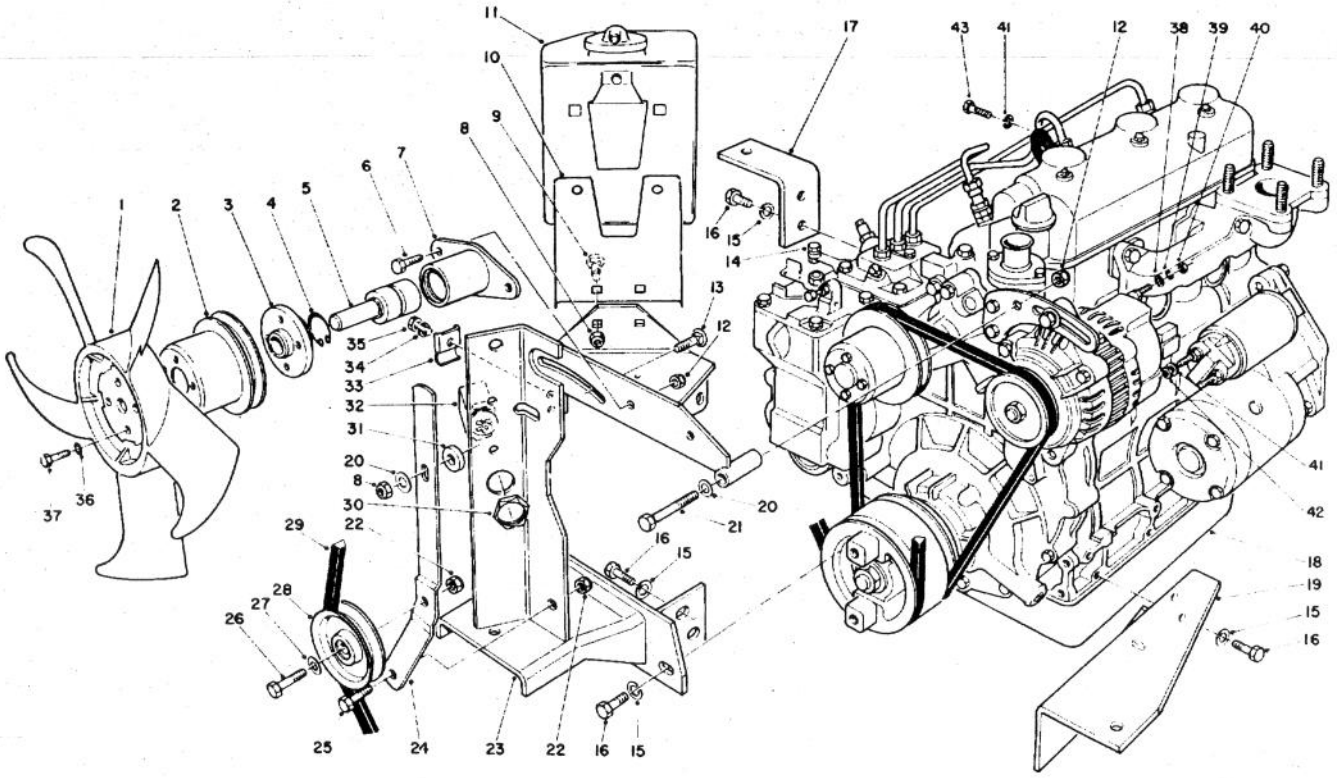


T-0541-89

HYDRAULIC CYLINDER NO. 63-6740

Ref. No.	Part No.	Description	No. Used
1	66-2770	Tube — Cylinder	1
2	66-1960	Kit — Seal	1
3	66-1950	Kit — Gland	1

Ref. No.	Part No.	Description	No. Used
4	66-2760	Piston Rod Assembly	1
5	66-1940	Piston	1
6	66-1930	Nut — Lock	1

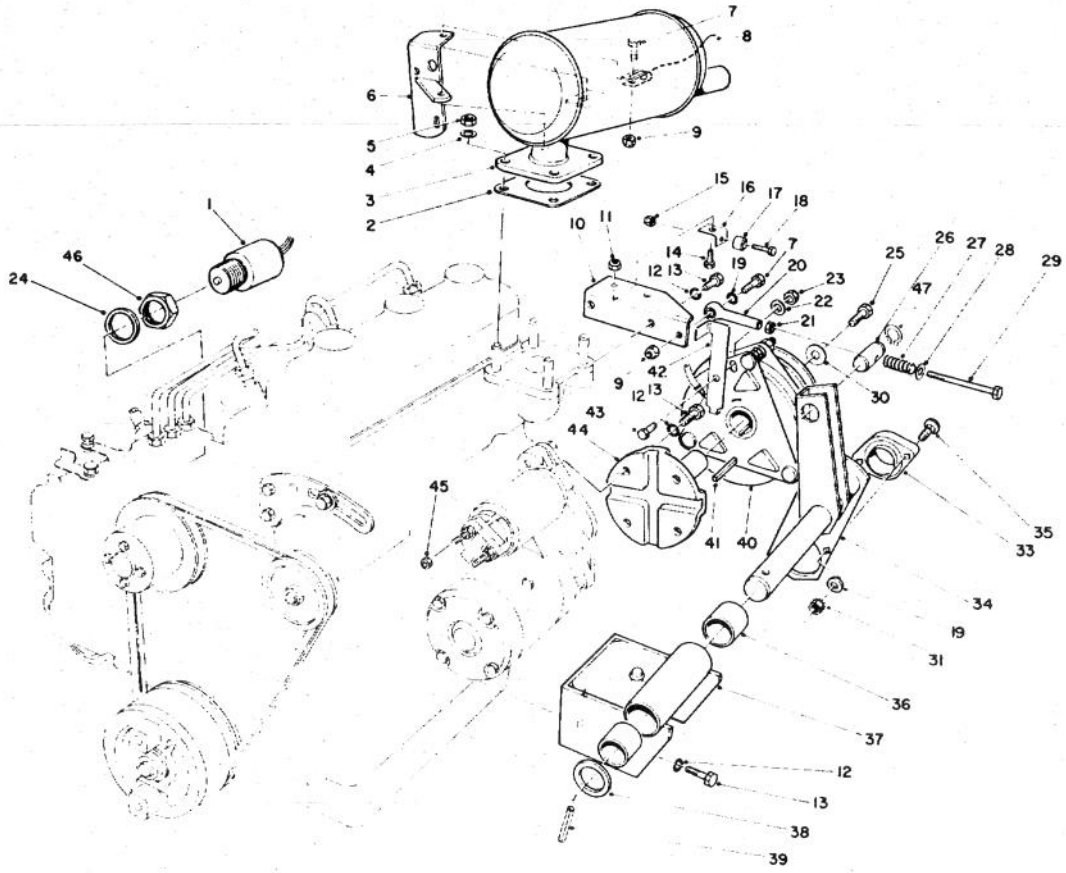


T-0542-89

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43-1910	Fan — Cooling	1
2	42-9070	Pulley — Fan	1
3	53-8680	Hub, Fan	1
4	32120-10	Ring, Retaining	1
5	36-7290	Shaft w/Bearing	1
6	322-4	Screw	2
7	66-2390	Hub W.A.	1
8	32149-1	Nut — Lock	3
9	3230-23	Carriage Bolt	2
10	66-2440	Plate, Reservoir	1
11	63-7380	Tank — Expansion	1
12	3296-29	Nut, Lock	3
13	3230-2	Carriage Bolt	1
14	63-6760	Swivel, Throttle Cable	1
15	48-9590	Washer, Lock	12
16	63-7790	Screw	12
17	63-6340	Angle, Engine Mount	1
18	63-7060	Engine	1
19	66-2320	Mount, Engine	1
20	3256-23	Washer	2
21	322-11	Screw	1
22	3296-39	Nut, Lock	2

Ref. No.	Part No.	Description	No. Used
23	63-8170	Bracket WA.	1
24	63-6720	Lever, Idler	1
25	323-6	Screw	1
26	323-8	Screw	1
27	3256-24	Washer	1
28	63-8140	Pulley	1
29	63-7130	Belt, Fan	1
30		Nut — Lock	1
31	27-9560	Spacer	1
32	66-8700	Indicator — Glow (Incl. Ref. #30)	1
33	3-6657	Clip — Skid	1
34	3253-4	Washer — Lock	1
35	322-4	Screw — Cap Hex. Hd.	1
36	3253-3	Washer, Lock	4
37	321-2	Screw	4
38	5-3637	Washer — Flat	1
39	43-5920	Washer — Lock	1
40	43-5970	Nut — Hex	1
41	42-9850	Washer — Lock	3
42	57-6390	Nut — Hex	2
43	48-7680	Screw — Hex	1



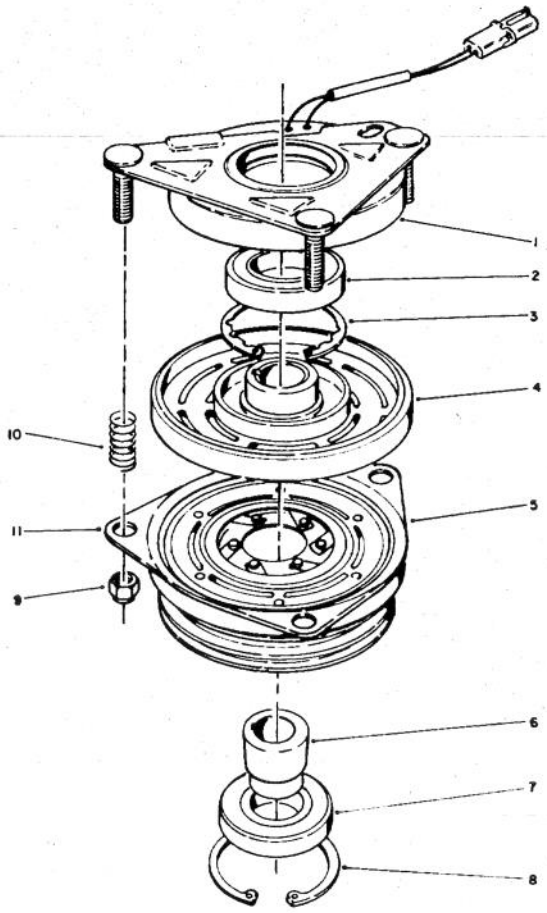
T-0543-89

POWER TAKE-OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7440	Solenoid — Stop	1
2	53-8130	Gasket — Exhaust	1
3	63-6810	Muffler	1
*	66-1540	Spark Arrester — Muffler (Optional)	1
4	42-9850	Washer — Lock	4
5	48-7930	Nut — Hex	4
6	66-2360	Muffler Support	2
7	322-5	Screw	2
8	66-2870	Cable, Hood Stop	1
9	3296-29	Nut, Lock	2
10	63-6700	Bracket	1
11	3296-42	Nut, Lock	2
12	48-9590	Washer, Lock	8
13	63-7790	Screw	8
14	321-3	Screw	2
15	3296-9	Nut, Lock	2
16	63-8230	Angle, Clutch Anchor	2
17	66-2910	Bumper, Rubber	2
18	3250-39	Screw, Pad Head	2
19	3256-23	Washer	5
20	66-2900	Tie Rod End	1
21	3220-2	Nut, Jam	1
22	3256-24	Washer, Flat	1

Ref. No.	Part No.	Description	No. Used
23	3296-39	Nut — Hex Lock	1
24	43-2740	Gasket	1
25	3212-5	Screw	1
26	63-6290	Pin, Tension	1
27	3-6624	Spring	1
28	4-2390	Washer	1
29	66-3100	Screw	1
30	67-1631	Spacer	1
31	32149-1	Nut, Keps	2
33	251-335	Bearing	1
34	63-6250	Shaft, PTO Tension	1
35	3230-4	Bolt, Carriage	2
36	256-299	Bushing	2
37	67-1800	Pivot Plate (Incl. Ref. #36)	1
38	3-4324	Washer	1
39	32121-32	Roll Pin	1
40	63-6050	Clutch, Electric	1
41	63-8150	Key	1
42	63-6690	Lever, Clutch Anchor	1
43	323-34	Screw	1
44	63-6030	Hub, Clutch	1
45	57-6390	Nut — Hex	2
46	43-2750	Nut — Hex, Jam	1
47	32151-83	Snap Ring	2

*Not Illustrated

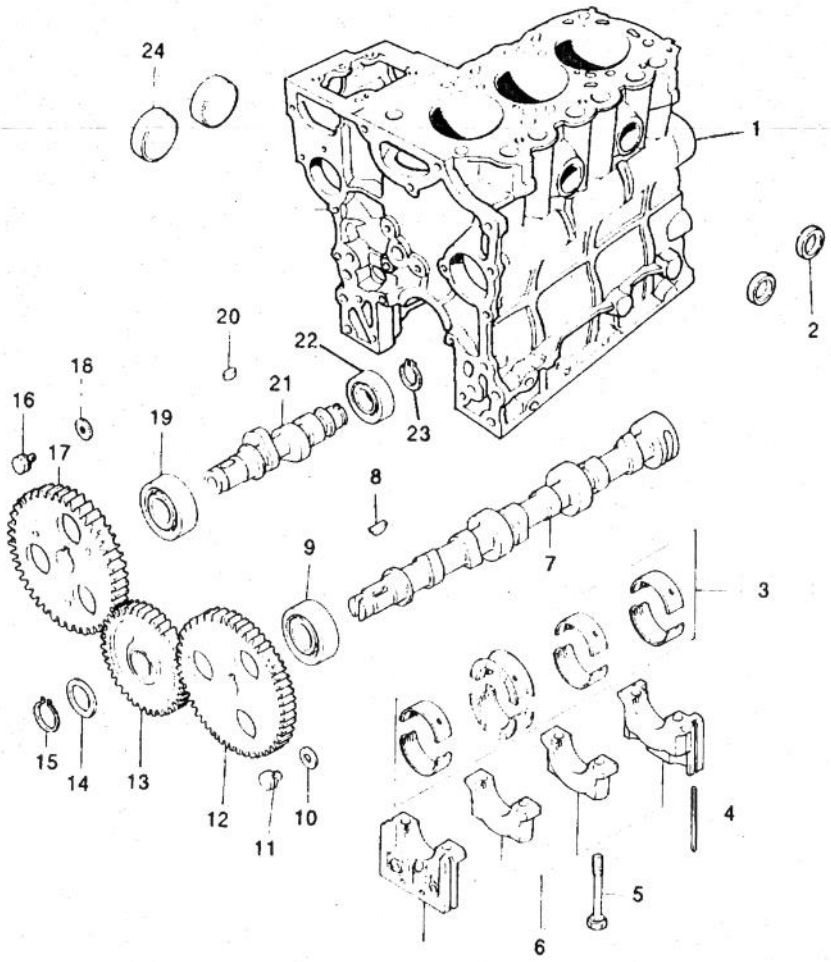


T-0544-89

CLUTCH ASSEMBLY NO. 63-6050

Ref. No.	Part No.	Description	No. Used
1	67-7050	Field Rotor Assy. (Incl. Ref. #2-4)	1
2		Bearing — Field	1
3		Retaining Ring	1
4		Field Coil, Rotor & Bearing Assembly	1
5	67-7070	Armature & Pulley Assembly (Incl. Ref. #3, 6, 7 & 8)	1

Ref. No.	Part No.	Description	No. Used
6	67-7080	Bearing Collar	1
7	67-7090	Bearing — Pulley	1
8	67-7060	Retaining Ring	1
9	3296-6	Locknut	3
10	44-8320	Spring	3
11	67-7100	Brake Plate	1

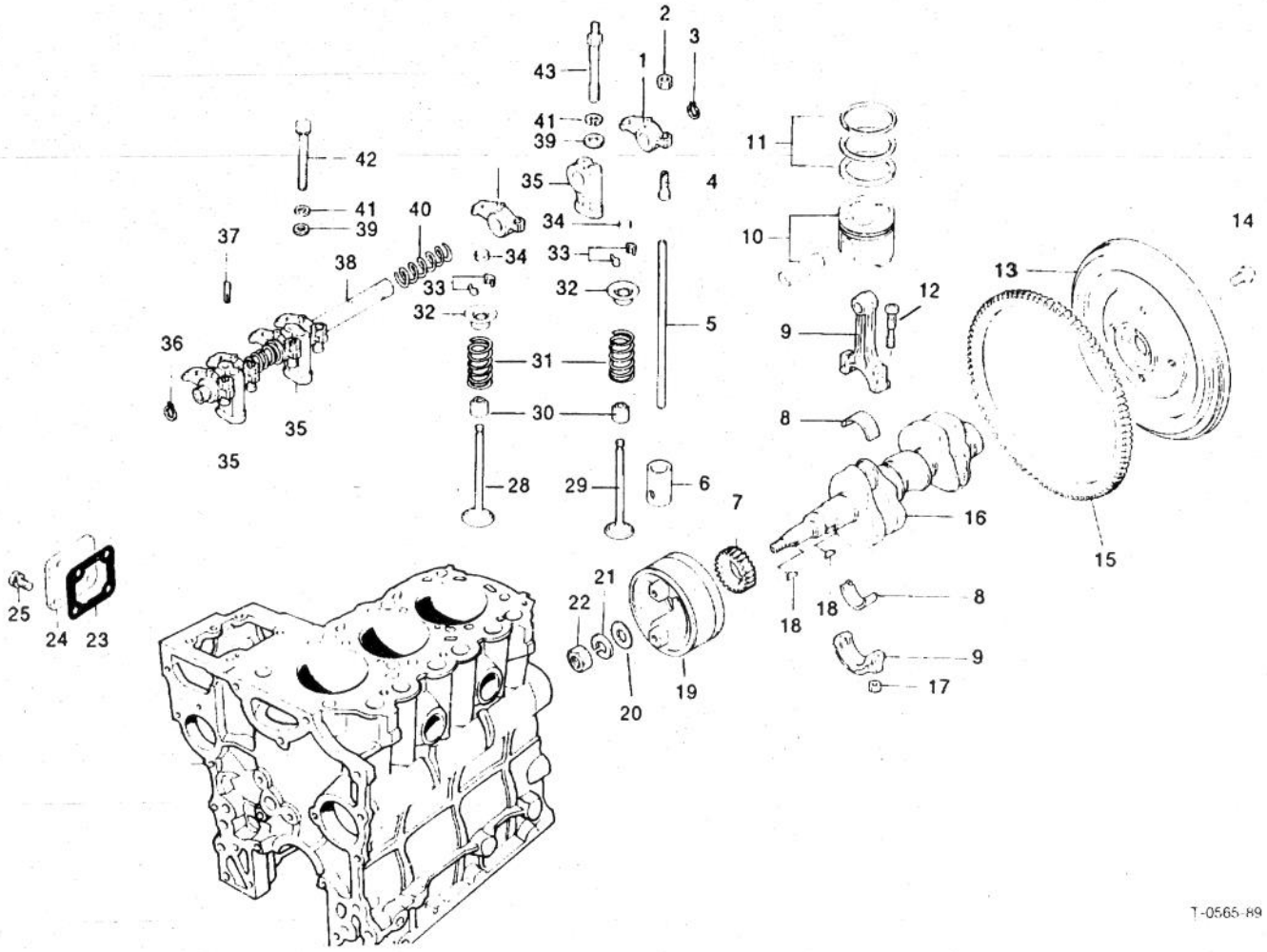


T-0564-89

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-2240	Block Sub-Assy (Incl. Ref. #2,5, 6 & 24)	1
2	42-7080	Cap	2
3	67-2400	Bearing Set STD	1
	67-2410	Bearing Set 0.25	1
	67-2420	Bearing Set 0.50	1
4	67-2200	Seal	4
5	67-2250	Bolt	8
6		Cap Assembly	1
7	67-3010	Cam Shaft	1
8	56-0480	Key, Woodruff	1
9	67-3030	Bearing	1
10	67-3000	Washer	1
11	42-9490	Bolt w/Washer	1

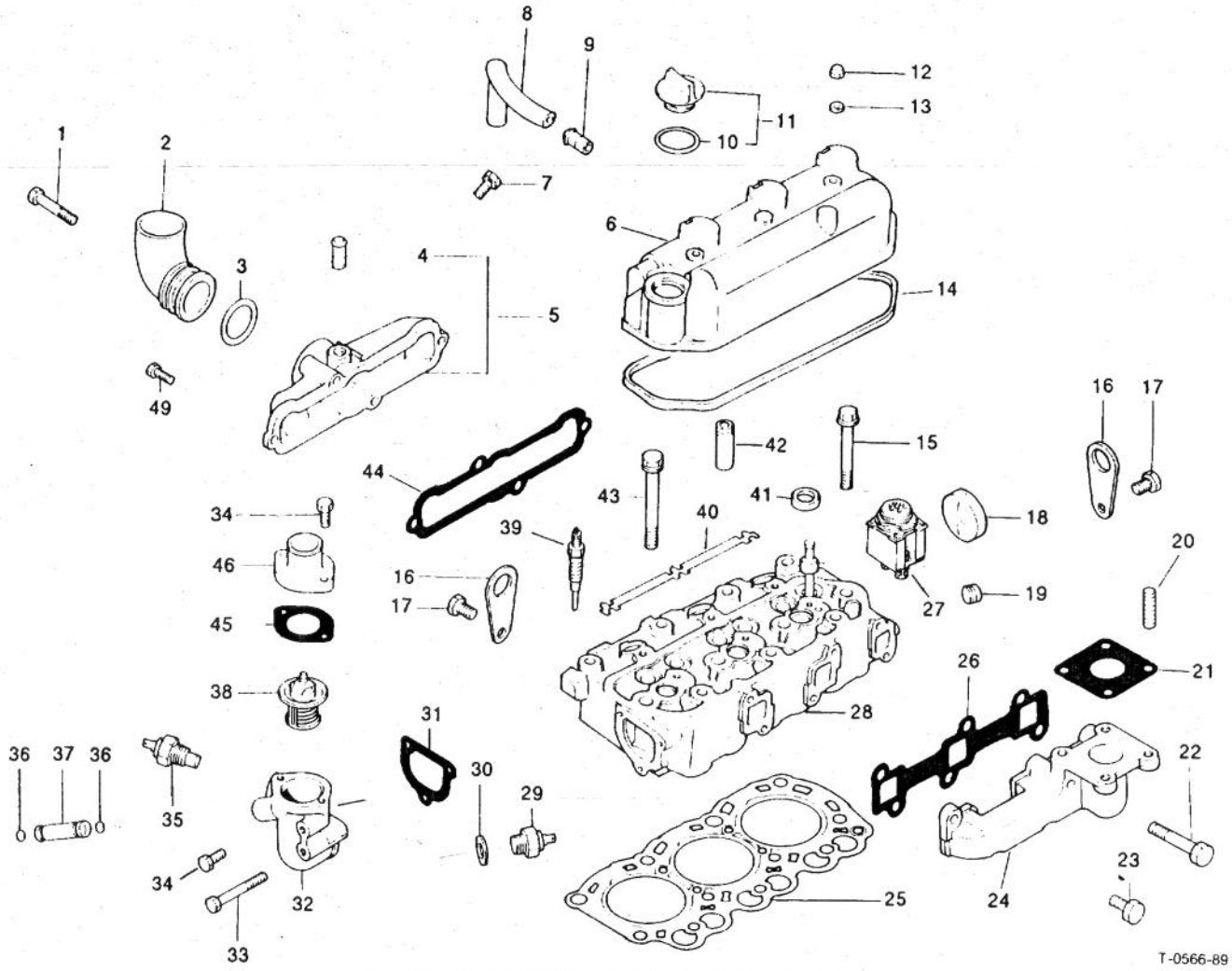
Ref. No.	Part No.	Description	No. Used
12	67-3020	Gear	1
13	67-3090	Gear Assembly	1
14	67-3040	Plate	1
15	56-1060	Snap Ring	1
16	42-9490	Bolt w/Washer	1
17	67-3070	Gear	1
18	67-3000	Washer	1
19	67-3030	Bearing	1
20	42-7840	Key	1
21	67-3060	Shaft	1
22	67-3050	Bearing	1
23	67-3080	Snap Ring	1
24	56-0020	Plug	3



VALVES AND CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3160	Arm, Rocker	6
2	67-3230	Nut, Jam	6
3	67-3040	Snap Ring	2
4	67-3210	Screw Adjusting	6
5	67-3150	Rod, Push	6
6	67-3120	Tappet	6
7	67-2910	Gear	1
8	67-2880	Bearing Set STD	3
	67-2890	Bearing Set 0.25 US	3
	67-2900	Bearing Set 0.50 US	3
9	67-2850	Rod Assembly, (Connecting) (Incl. Ref. #8, 9, 12 & 17)	3
10	68-8310	Piston & Pinset STD	3
	68-8320	Piston & Pinset 0.25 OS	3
	68-8330	Piston & Pinset 0.50 OS	3
11	67-2790	Ring Set STD	3
	67-2800	Ring Set 0.25 OS	3
	67-2810	Ring Set 0.50 OS	3
12	67-2860	Bolt	6
13	67-2970	Fly Wheel Assy. (Incl. Ref. #14)	1
14	67-2990	Bolt	4
15	67-2980	Gear, Ring	1
16	67-2970	Crankshaft	1
17	42-9590	Nut	6

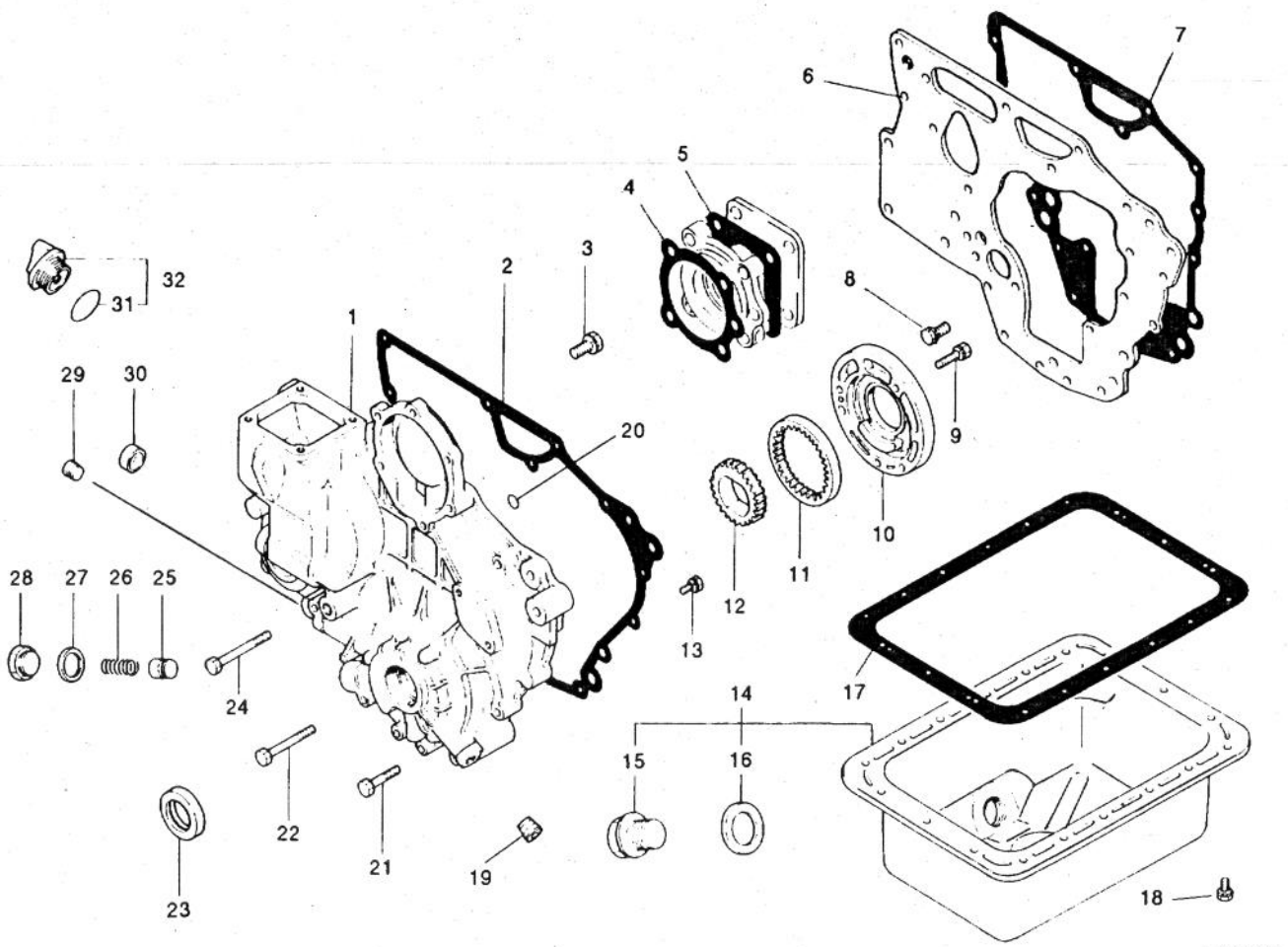
Ref. No.	Part No.	Description	No. Used
18	56-0480	Key, Woodruff	2
19	67-2930	Pulley, Crankshaft	1
20	67-2950	Washer	1
21	67-2960	Washer, Lock	1
22	67-2940	Nut, Jam	1
23	67-4310	Gasket	1
24	67-4250	Cover	1
25	42-9440	Bolt W/Washer	4
28	67-3130	Valve, Intake	3
29	67-3140	Valve, Exhaust	3
30	42-7870	Seal	6
31	67-3110	Spring	6
32	67-3100	Retainer	6
33	42-7860	Lock	12
34	67-3180	Cap	6
35	67-3200	Stay, Rocker	3
36	67-3240	Snap Ring	2
37	67-3220	Pin	1
38	67-3190	Shaft Assy, (Rocker)	1
39	42-9660	Washer	4
40	67-3170	Spring	2
41	67-3260	Washer	6
42	42-9510	Bolt	1
43	67-3250	Bolt, Rockers Stray	2



CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2
2	67-4520	Pipe	1
3	67-4540	O-Ring	1
4	42-7510	Pipe	1
5	67-4530	Cover, Sub-Assy (Intake)	1
6	67-2150	Cover, Assy. (Incl. Ref. #9)	1
7	42-9430	Bolt w/Washer	1
8	67-2670	Hose, Breather	1
9	42-7510	Pipe	1
10	67-2660	O-Ring	1
11	67-2650	Cap, Assy. (Oil Filler)	1
12	67-2770	Nut, Cap	2
13	67-2780	Washer	2
14	67-2760	Gasket	1
15	67-2140	Bolt, Flange	3
16	67-2680	Hanger, Engine	4
17	67-2340	Bolt w/Washer	4
18	56-0020	Plug, Expansion	1
19	67-2570	Plug, Taper	1
20	42-9570	Stud	4
21	42-9110	Gasket	1
22	67-4580	Bolt	2
23	67-4590	Bolt	4
24	67-4560	Manifold, Exhaust	1

Ref. No.	Part No.	Description	No. Used
25	67-2720	Gasket, Cylinder Head	1
26	67-4570	Gasket, Exhaust Manifold	1
27	67-4700	Lamp, Glow	1
28	67-2690	Head Assy., Cylinder (Incl. Ref. #18, 41 & 42)	1
29	67-4500	Switch Assy., (Thermo)	1
30	67-4490	Gasket	1
31	67-4460	Gasket (Thermostat Fitting)	1
32	67-4450	Fitting, Thermostat	1
33	67-4470	Bolt	1
34	67-2330	Bolt	4
35	67-4510	Gauge Nut, Water Temp.	1
36	43-2710	O-Ring	2
37	67-4480	Pipe, By-Pass	1
38	67-4440	Thermostat	1
39	67-4680	Plug, Glow	3
40	67-4690	Plate, Glow Plug	1
41	67-2710	Cap, Sealing	3
42	67-2700	Guide, Valve	6
43	67-2730	Bolt	8
44	67-4550	Gasket, Intake Manifold	1
45	67-4430	Gasket, Water Outlet Fitting	1
46	67-4420	Fitting, Water Outlet	1
49	67-2330	Bolt	2

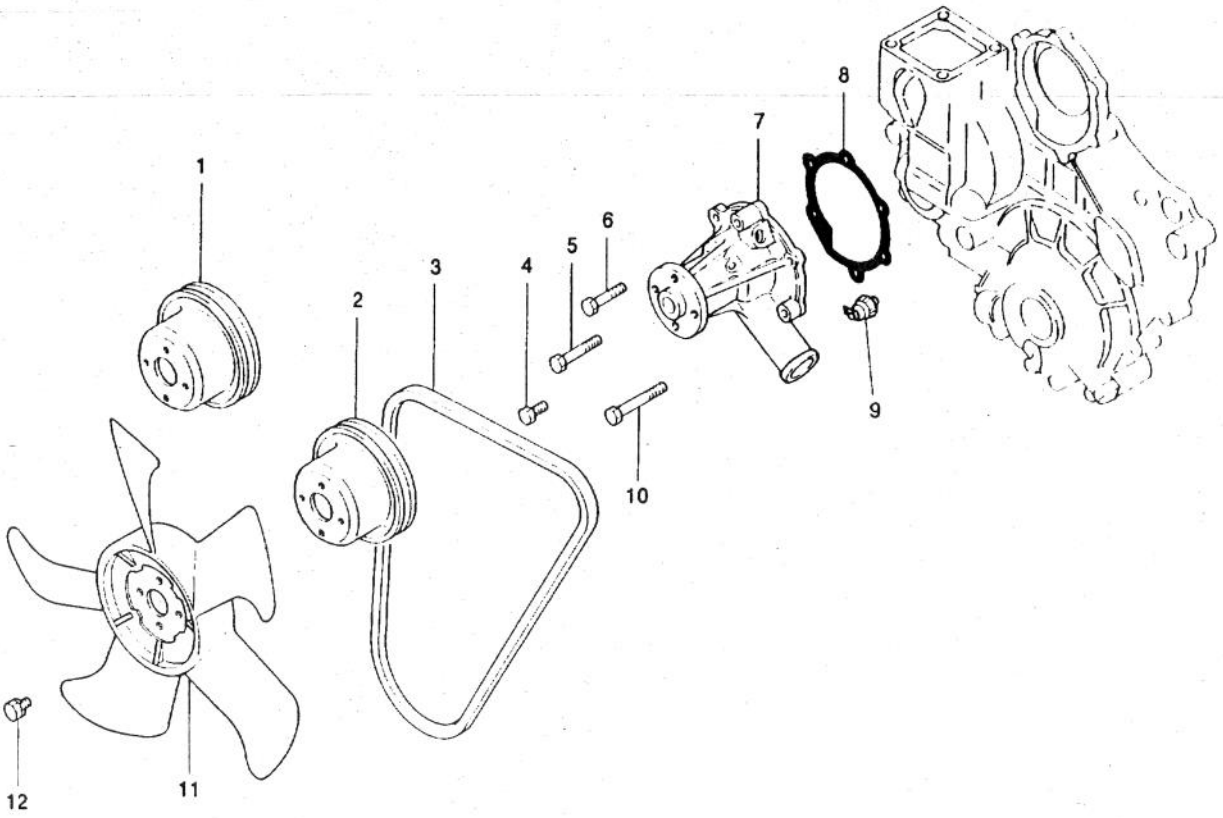


CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-2490	Case Sub-Assy.	1
2	67-2580	Gasket, Case	1
3	67-2340	Bolt w/Washer	3
4	67-4970	Gasket, Housing	1
5	42-7380	Gasket, Oil Pump Cover	1
6	67-2310	Plate	1
7	67-2320	Gasket, Plate	1
8	42-9440	Bolt w/Washer	7
9	67-2560	Bolt w/Washer	3
10	67-2550	Housing, Oil Pump	1
11	67-2540	Gear, Outer	1
12	67-2530	Gear, Inner	1
13	42-9440	Bolt w/Washer	4
14	67-2470	Pan Assy. (Oil) (Includes Ref. #15-16)	1
15	42-9260	Plug	1
16	42-7290	Gasket, Oil Drain	1

Ref. No.	Part No.	Description	No. Used
17	67-2480	Gasket, Oil Pan	1
18	42-9490	Bolt w/Washer	18
19	42-7210	Plug	1
20	67-2630	O-Ring	2
21	67-2600	Bolt	3
22	67-2610	Bolt	4
23	67-2590	Oil Seal	1
24	67-2620	Bolt	1
25	67-2500	Plunger	1
26	67-2510	Spring	1
27	42-7290	Gasket, Oil Drain Plug	1
28	67-2520	Plug	1
29	67-2570	Plug	1
30	67-2640	Cap	1
31	67-2660	O-Ring	1
32	67-2650	Cap Assy. (Oil Fill)	1
*	67-4940	Gasket Kit	1

*Not Illustrated

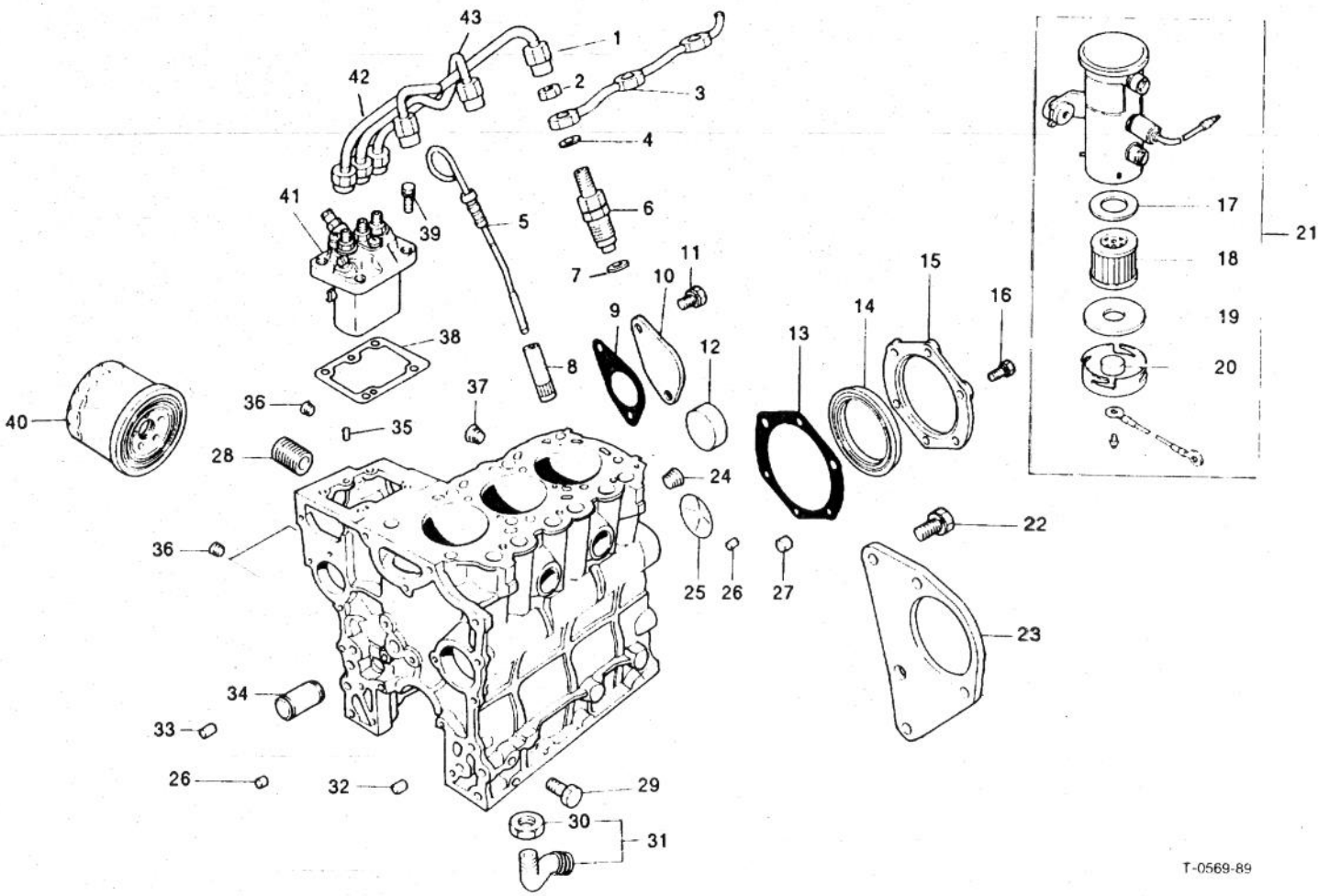


T-0568-89

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4370	Pulley	1
2	67-4360	Pulley	1
3	67-4410	V-Belt	1
4	67-2330	Bolt	2
5	67-4400	Bolt	1
6	67-2600	Bolt	1

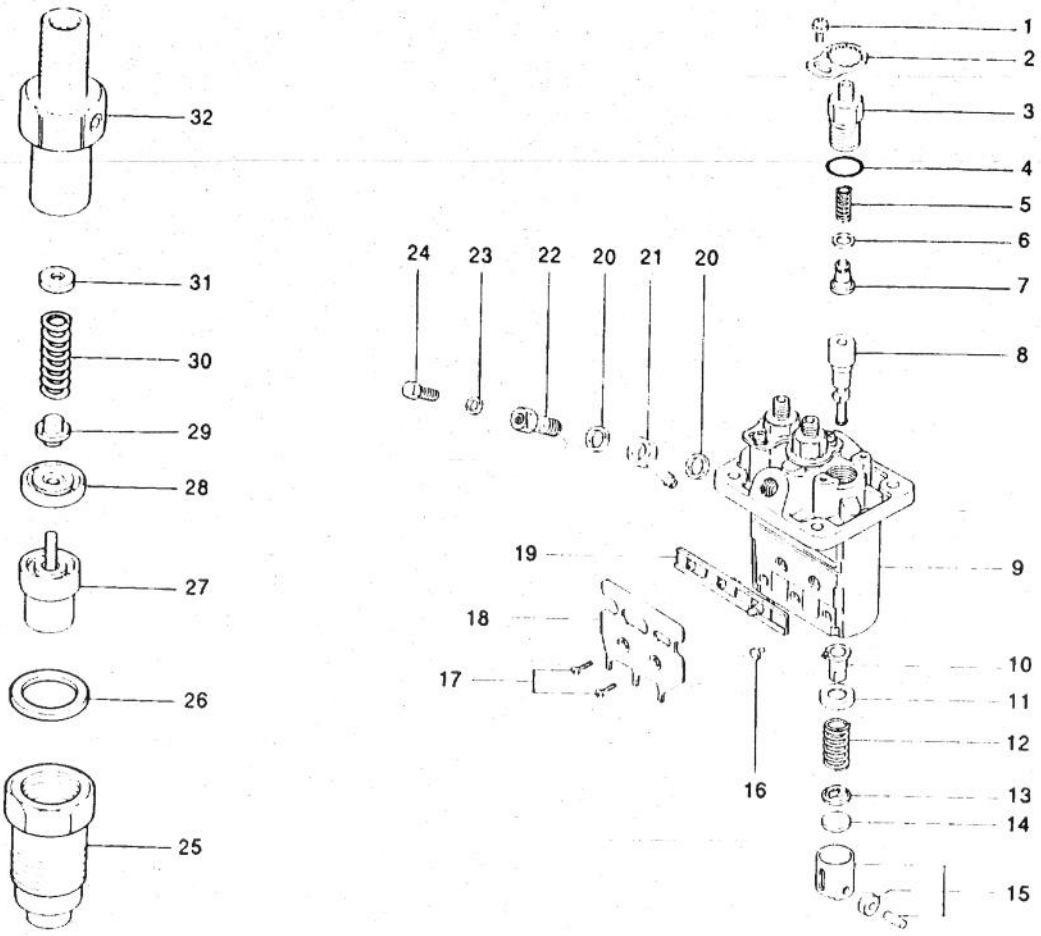
Ref. No.	Part No.	Description	No. Used
7	67-4380	Pump Assy.	1
8	67-4390	Gasket	1
9	67-4350	Switch Assy. (Oil Pressure)	1
10	67-2610	Bolt	2
11	43-1910	Fan	1
12	42-9490	Bolt w/Washer	4



FUEL SUPPLY & ENGINE BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3420	Pipe Assy. No. 3	1
2	67-3430	Nut	3
3	67-3450	Pipe, Fuel Return	1
4	67-3440	Gasket	3
5	67-2450	Dipstick	1
6	67-3380	Nozzle & Holder Assy.	1
7	67-3390	Gasket	3
8	67-2220	Guide	1
9	67-2300	Gasket	1
10	67-2290	Cover	1
11	67-2340	Bolt w/Washer	2
12	56-0020	Plug	3
13	67-2280	Gasket	1
14	67-2230	Oil Seal	1
15	67-2270	Case	1
16	67-2330	Bolt	6
17	43-2570	Gasket	1
18	43-2550	Filter	1
19	43-2560	Gasket	1
20	43-2580	Magnet	1
21	53-8150	Pump Assy. (Incl. Ref. #17-20)	1
22	67-2440	Bolt w/Washer	3
23	67-2430	Bracket	1
24	67-2390	Plug	1
25	67-2350	Plug	1
26	67-2360	Bushing	2

Ref. No.	Part No.	Description	No. Used
27	67-2380	Bushing	3
28	56-1230	Shaft, Oil Filter	1
29	67-2460	Bolt	4
30	42-9650	Nut, Jam	1
31	67-4340	Screen Assy. (Incl. Ref. #30)	1
32	67-2370	Bushing	1
33	42-7190	Bushing	2
34	67-2260	Shaft, Idler	1
35	56-0220	Pin	2
36	67-2210	Plug	3
37	56-0100	Plug	1
38	67-3280	Shim 0.2	1
	67-3290	Shim 0.3	1
	67-3300	Shim 0.5	1
	67-3310	Shim 0.4	1
	67-3320	Shim 0.6	1
	67-3330	Shim 0.7	1
	67-3340	Shim 0.8	1
	67-3350	Shim 0.9	1
	67-3360	Shim 1.0	1
39	67-3370	Bolt w/Washer	4
40	67-4330	Filter Assy, Oil	1
41	67-3270	Pump Assy.	1
42	67-3400	Pipe Assy. No. 1	1
43	67-3410	Pipe Assy. No. 2	1



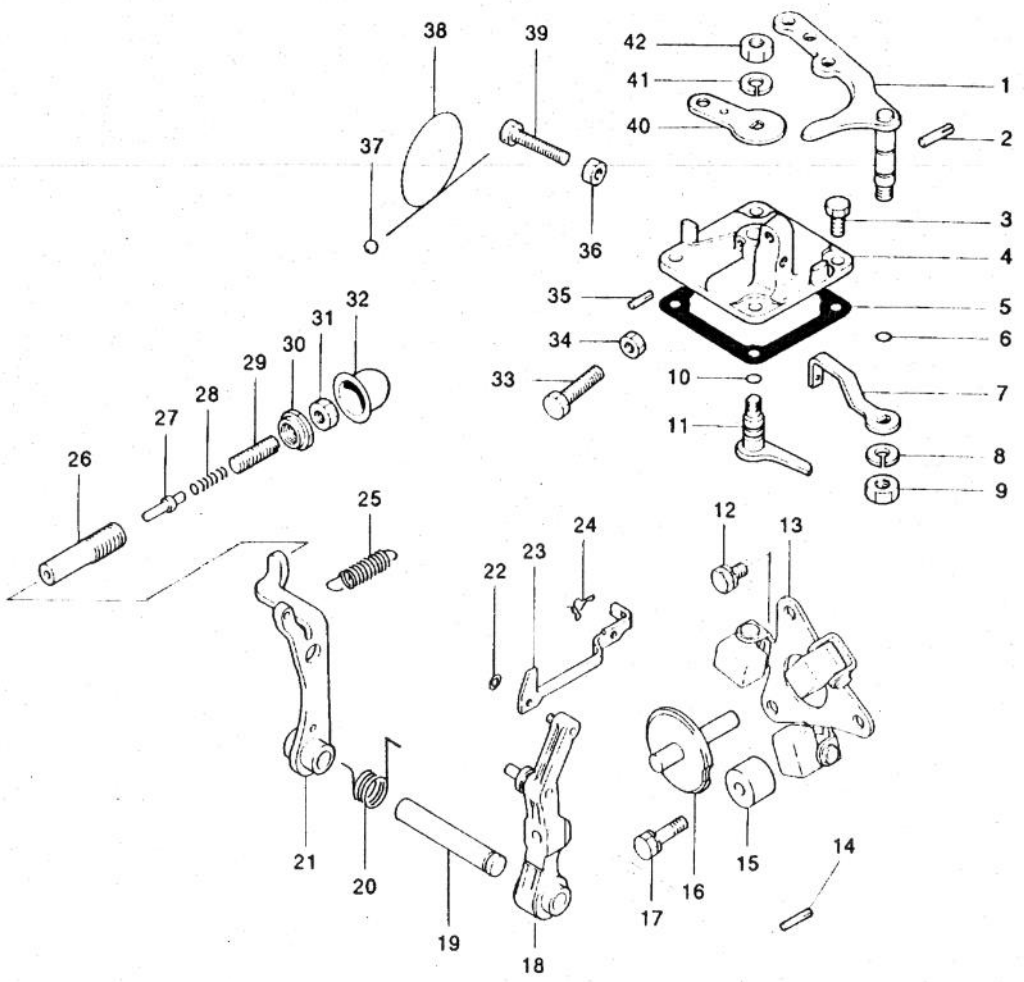
T-0570-89

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3770	Screw w/Washer	3
2	67-3760	Plate, Lock	3
3	67-3470	Holder, Delivery Valve	3
4	67-3480	O-Ring	3
5	67-3490	Spring	3
6	42-8240	Gasket	3
7	67-3500	Valve Sub-Assy.	3
8	67-3510	Element Sub-Assy.	3
9	67-3460	Housing Sub-Assy, Pump	1
10	67-3520	Sleeve Sub-Assy.	3
11	67-3530	Seat	3
12	67-3540	Spring	3
13	67-3550	Seat	3
14	67-3560	Plate, Shim 1.85	1
	67-3570	Plate, Shim 1.9	
	67-3580	Plate, Shim 1.95	
	67-3590	Plate, Shim 2.0	
	67-3600	Plate, Shim 2.05	
	67-3610	Plate, Shim 2.1	
	67-3620	Plate, Shim 2.15	
	67-3630	Plate, Shim 2.2	
	67-3640	Plate, Shim 2.25	
	67-3650	Plate, Shim 2.3	
	67-3660	Plate, Shim 2.35	
	67-3670	Plate, Shim 2.4	
	67-3680	Plate, Shim 2.45	
	67-3690	Plate, Shim 2.5	
15	67-3700	Tappet Assy.	3
16	67-3810	Pin	3

Ref. No.	Part No.	Description	No. Used
17	67-3790	Screw	2
18	67-3800	Bracket	1
19	67-3780	Rack Assy.	1
20	67-3750	Washer	2
21	67-3740	Nipple	1
22	67-3730	Screw	1
23	67-3720	Washer	1
24	67-3710	Screw, Air Bleed	1
25	67-3970	Nut	3
26	67-3980	Gasket	3
27	67-3990	Nozzle Assy.	3
28	67-3950	Piece	3
29	67-3940	Pin	3
30	67-3930	Spring	3
31	67-3830	Washer 12.5	1
	67-3840	Washer 1.3	
	67-3850	Washer 1.35	
	67-3860	Washer 1.4	
	67-3870	Washer 1.45	
	67-3880	Washer 1.5	
	67-3890	Washer 1.55	
	67-3900	Washer 1.6	
	67-3910	Washer 1.65	
	67-3920	Washer 1.7	
32	67-3820	Body Sub-Assy.	3
*	67-3270	Pump Assy. (Incl. Ref. #1-24)	1
*	67-3380	Nozzle and Holder Assy. (Incl. Ref. #25-32)	3

*Not Illustrated



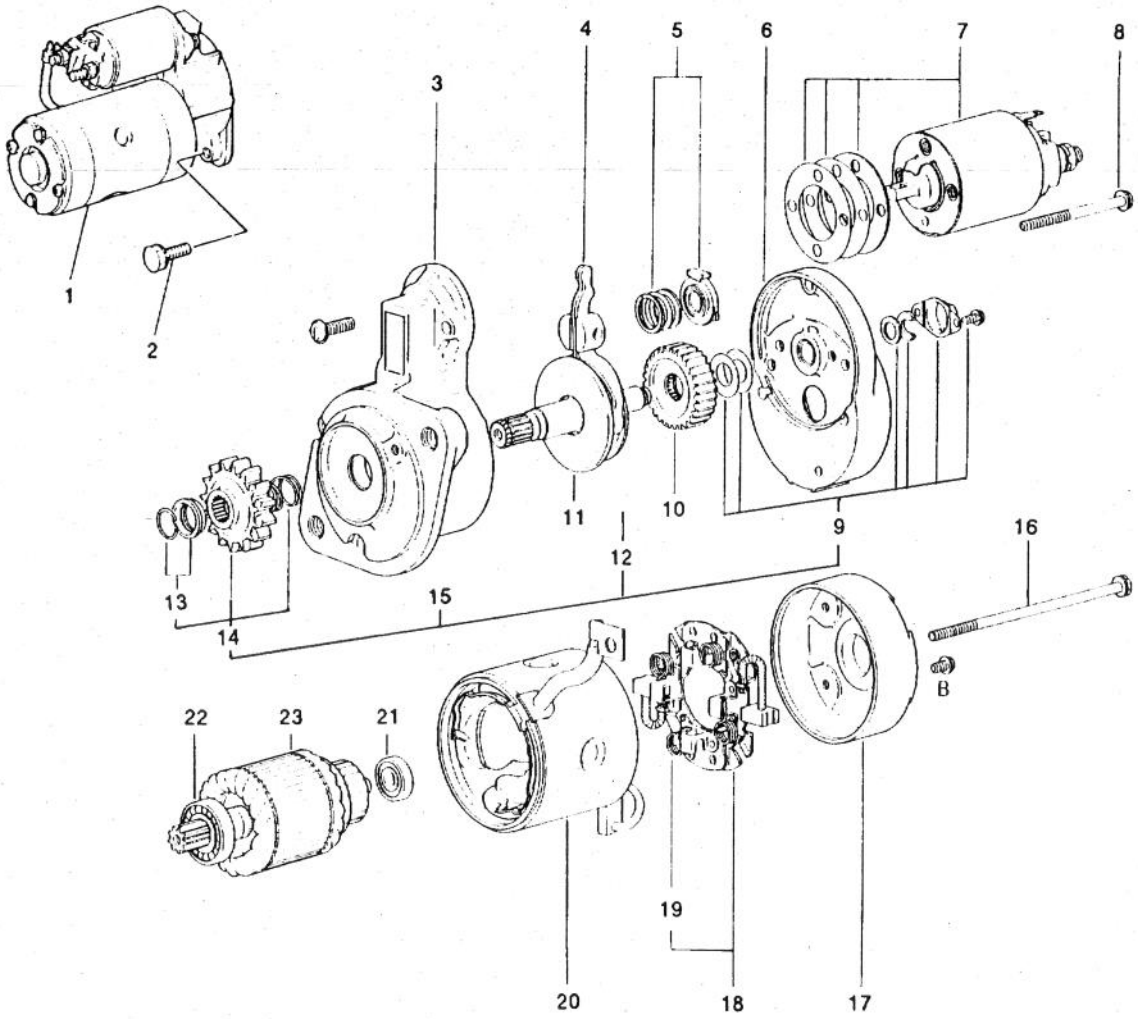
T-0571-89

GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3990	Lever Assy., (Speed Control)	1
2	67-4000	Pin	2
3	67-4270	Bolt	4
4	67-4310	Cover, Governor	1
5	67-4160	Gasket	1
6	42-8830	O-Ring	1
7	67-4020	Lever, Governor Spring	1
8	67-3260	Washer	1
9	42-9640	Nut, Jam	1
10	42-8830	O-Ring	1
11	67-4140	Lever Assy. (Stop)	1
12	42-9430	Bolt w/Washer	2
13	67-4040	Weight Assy.	1
14	67-4000	Pin	2
15	67-4010	Stopper	1
16	67-4070	Shaft Assy. (Sliding)	1
17	42-9440	Bolt w/Washer	1
18	67-4060	Lever Assembly (Governor)	1
19	67-4050	Shaft	1
20	67-4100	Spring	1
21	67-4190	Lever Assembly (Tension)	1
22	67-4300	Snap Ring	1
23	67-4030	Rod, Tie	1

Ref. No.	Part No.	Description	No. Used
24	67-4080	Clip	1
25	67-4260	Spring	1
26	67-4210	Case, Torque Spring	1
27	67-4230	Stopper	1
28	67-4190	Spring, Torque	1
29	67-4220	Screw, Adjusting	1
30	67-4200	Nut, Special	1
31	67-4180	Nut	1
32	67-4240	Cap	1
33	42-9420	Bolt	2
34	67-4290	Nut	2
35	67-4120	Pin	1
36	67-4290	Nut	2
37	42-8690	Metal, Sealing	1
38	42-8700	Wire	1
39	42-9420	Bolt	2
40	67-4150	Lever, Stop	1
41	67-3260	Washer	1
42	42-9640	Nut, Jam	1
*	67-4110	Cover Assembly (Includes Ref. #4, 10, 11, 35 & 40-42)	1
*	67-4170	Spring Set (Incl. Ref. #26-31)	1

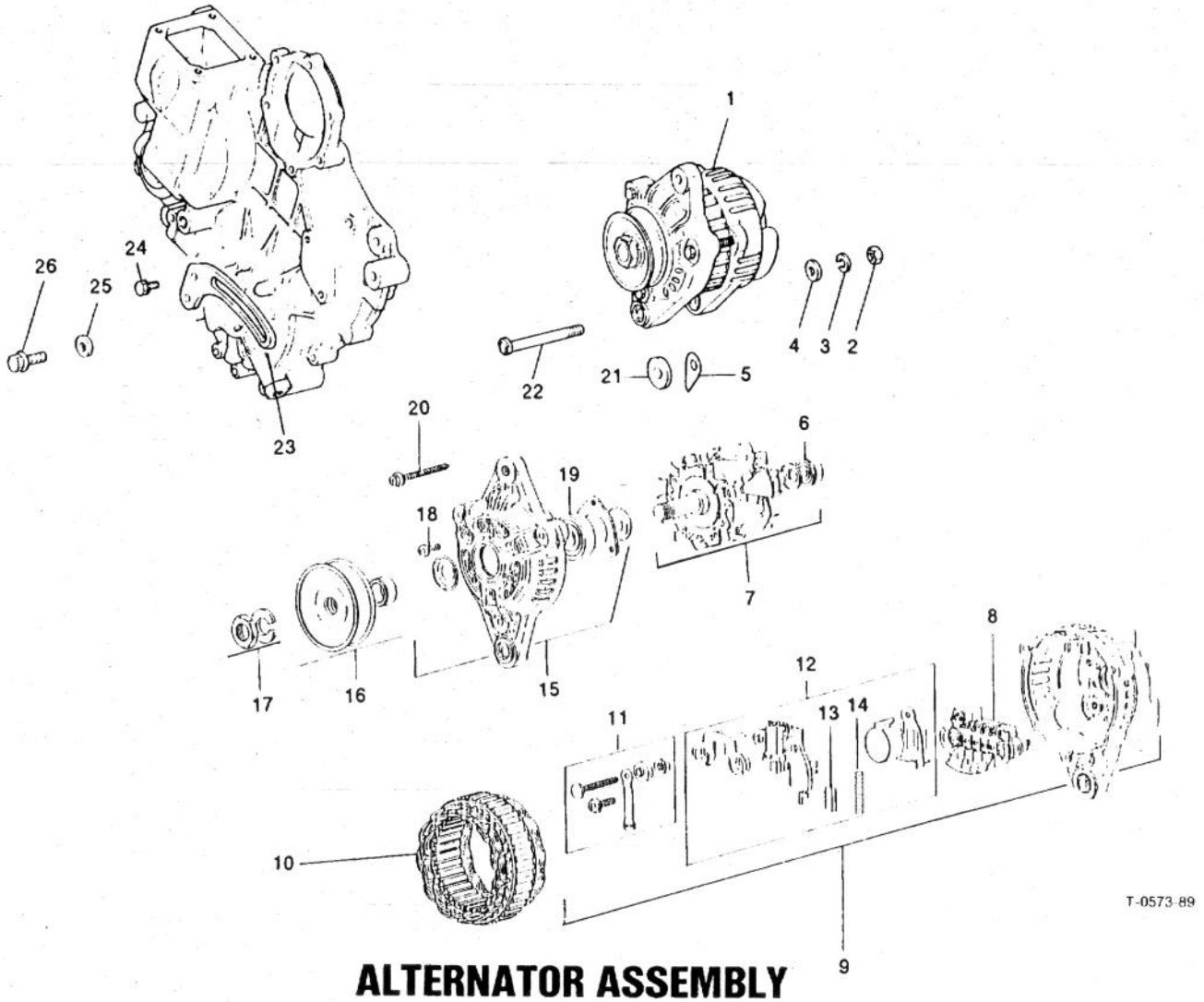
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STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4600	Starter Assy. (Incl. REf. #3-23)	1
2	67-4610	Bolt w/Washer	2
3	67-4710	Bracket Assy. (Front)	1
4	67-4720	Lever Assy.	1
5	67-4730	Spring Set	1
6	67-4740	Bracket Assy. (Center)	1
7	67-4750	Switch Assy.	1
8	52-1570	Bolt Set	1
9	56-1680	Cover Set	1
10	56-1670	Gear	1
11	67-4790	Shaft Assy.	1
12	67-4780	Gear Set (Incl. Ref. #10 & 11)	1
13	56-1640	Stopper Set	1

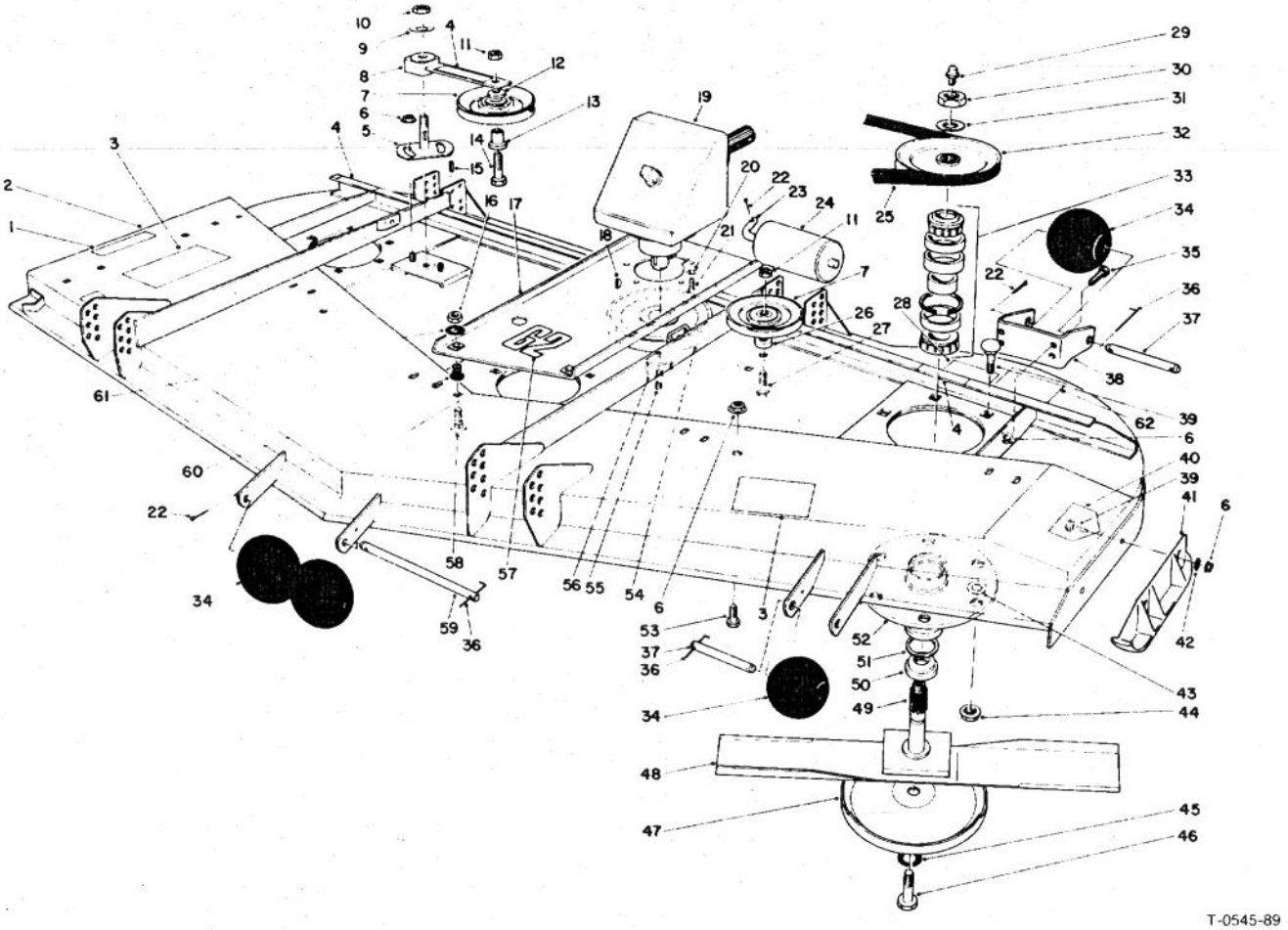
Ref. No.	Part No.	Description	No. Used
14	67-4770	Pinion Set (Incl. Ref. #13)	1
15	67-4760	Shaft Assy. (Incl. Ref. #9, 12 & 14)	1
16	56-1610	Bolt	1
17	56-1720	Bracket Assy. (Rear)	1
18	56-1700	Holder Assy. (Brush) (Incl. Ref. #19)	1
19	56-1710	Spring, Brush	4
20	67-4800	Yoke Assy.	1
21	56-1600	Bearing, Rear	1
22	56-1590	Bearing, Front	1
23	56-1580	Armature Set (Incl. Ref. #21 & 22)	1



ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4630	Alternator Assy. (Incl. Ref. #6-17)	1
2	67-4670	Nut	1
3	67-3260	Washer	1
4	42-9660	Washer	1
5	43-0370	Shim	1
6	67-4870	Bearing, Rear	1
7	67-4860	Rotor Assy. (Incl. Ref. #6)	1
8	67-4930	Rectifier Assy.	1
9	67-4890	Bracket Assy. Rear (Incl. Ref. #8, 11 & 12)	1
10	67-4880	Stator Assy.	1
11	67-4900	Terminal Set	1
12	67-4910	Regulator Assy. (Incl. Ref. #13 & 14)	1

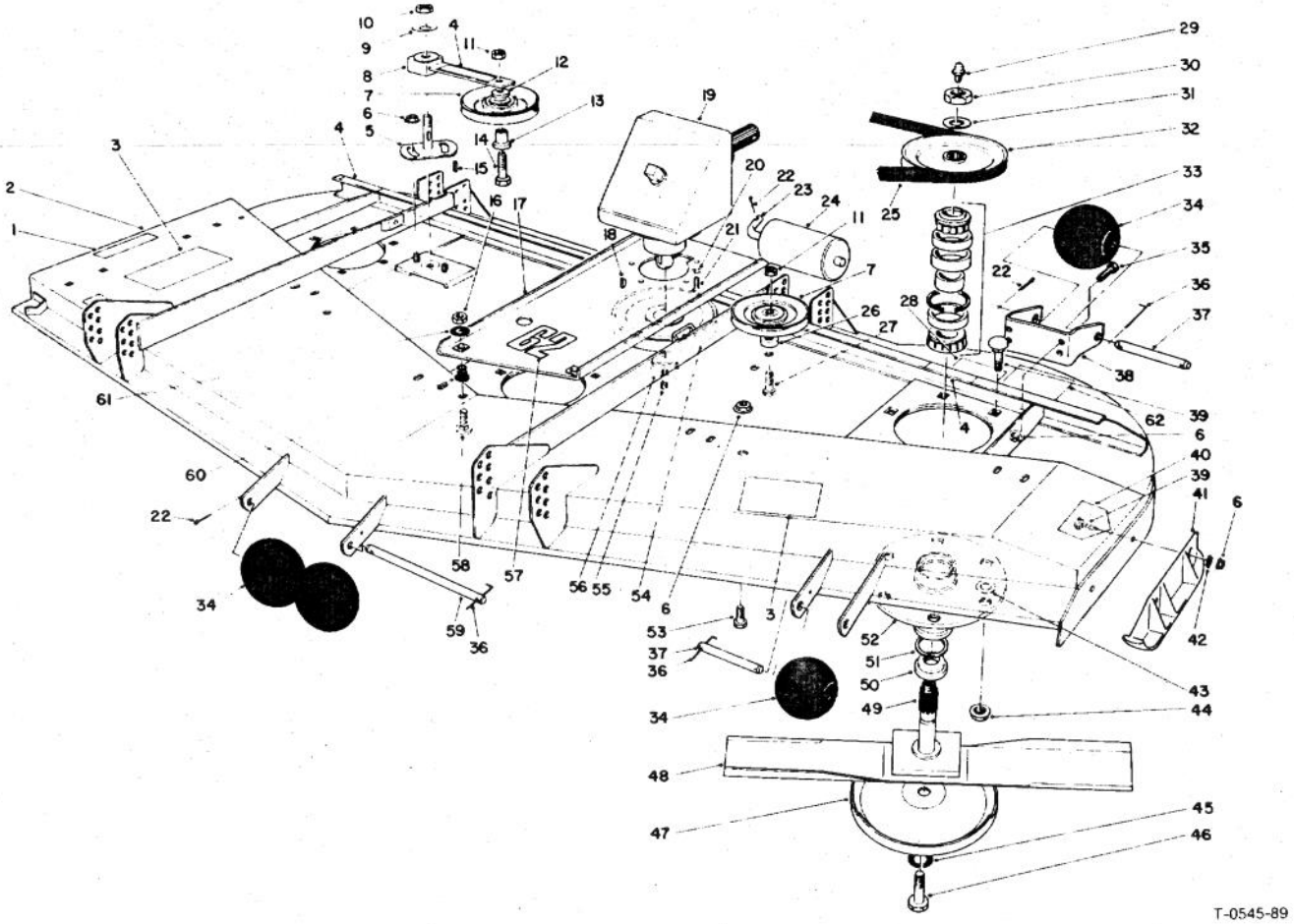
Ref. No.	Part No.	Description	No. Used
13	67-4920	Brush	2
14	43-0510	Spring, Brush	2
15	67-4830	Bracket Assy., Front (Incl. Ref. #18 & 19)	1
16	67-4810	Pulley Set	1
17	43-1920	Nut Set	1
18	67-4840	Screw Set	1
19	67-4850	Bearing, Front	1
20	67-4820	Bolt Set	1
21	67-4620	Spacer	1
22	67-4640	Bolt	1
23	67-4650	Brace	1
24	42-9440	Bolt w/Washer	1
25	54-8660	Washer	1
26	67-4660	Bolt, Flange	1



CUTTING UNIT MODEL NO. 30564

Ref. No.	Part No.	Description	No. Used
1	66-6380	Decal, Deflector Missing	1
2	63-9840	Cutting Deck	1
3	66-1340	Decal — Danger	2
4	67-5360	Decal — Shield Missing	3
5	44-6300	Plate, Idler	1
6	3290-357	Nut, Lock	8
7	65-5940	Pulley, Idler	2
8	27-8580	Idler Socket & Bushing Assy.	1
9	3256-27	Washer	1
10	3296-33	Nut, Lock	1
11	3296-5	Nut, Lock	2
12	7-0081	Washer — Special	2
13	65-5950	Bushing — Pulley	2
14	3211-8	Screw, Cap Hex Hd.	1
15	5-1077	Key, Square	1
16	32153-2	Nut, Lock	4
17	63-9780	Base, Gear Box	1
18	3257-5	Key, Woodruff	1
19	8-0909	Gear Box	1
20	3253-21	Washer, Lock	5
21	3274-1	Screw, Cap Socket Hd.	5
22	3272-11	Cotter Pin	5
23	40-0340	Shaft, Rear Roller	2
24	36-1740	Roller, Deck	2
25	44-6260	V-Belt	1
26	44-6390	Spacer	1

Ref. No.	Part No.	Description	No. Used
27	3211-9	Screw, Cap Hex Hd.	1
28	68-8340	Decal — Blade Bolt Torque	1
29	302-2	Grease Fitting	3
30	32146-20	Nut, Jam	3
31	7-4150	Washer	3
32	44-6340	Pulley, Hub Spindle	3
33	46-8530	Bearing Assembly	3
34	29-4820	Roller	4
35	323-6	Hex Hd. Capscrew	2
36	57-0690	Cotter Pin — Special	3
37	57-0680	Shaft, Short	2
38	57-0580	Bracket — Roller Left Rear	1
39	3231-22	Bolt Carriage Short Neck	20
40	43-8480	Decal — Danger	1
41	57-0570	L.H. Skid	1
42	3290-224	Pyramidal Washer	2
43	3256-24	Washer	A/R
44	32128-21	Nut, Flange	18
45	3253-27	Washer — Lock	3
46	44-2200	Capscrew — Blade	3
47	27-1000	Anti-Scalp Cup	3
48	44-6250	Blade	3
49	27-0920	Spindle Shaft	3
50	27-0950	Spacer	3
51	253-139	Seal	6
52	61-4160	Spindle Housing	3

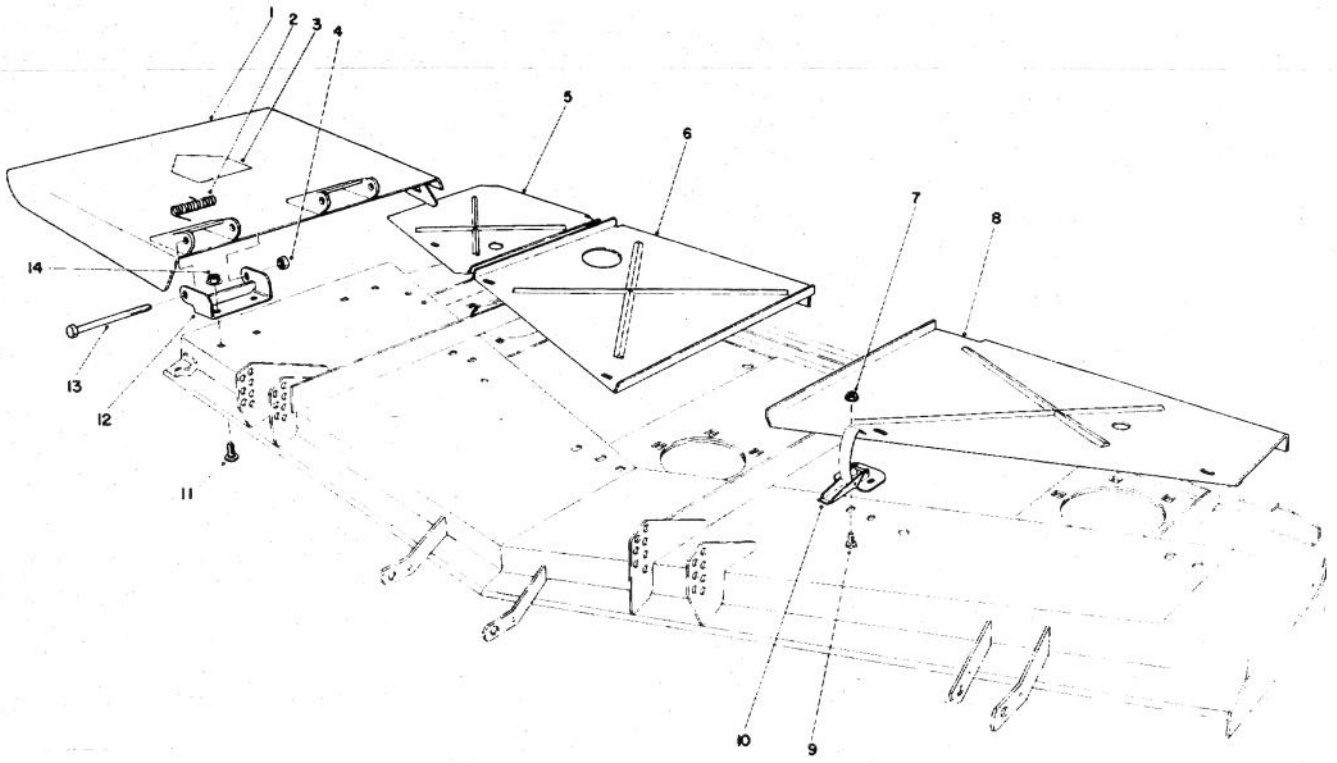


CUTTING UNIT MODEL NO. 30564 (Continued)

Ref. No.	Part No.	Description	No. Used
53	323-4	Screw, Cap Hex Hd.	2
54	63-9900	Pulley, Gear Box	1
55	3245-9	Screw — Set, Socket Hd.	2
56	27-6140	Bushing, Taper Lock (Incl. Ref. #55)	1
57	66-1630	Decal — 62	1
58	3231-26	Bolt, Carriage	4

Ref. No.	Part No.	Description	No. Used
59	40-6400	Shaft — Long	1
60	63-9750	Mount	4
61	63-8410	Washer	4
62	68-7260	Decal — Rear Weight 35	1
*	44-6370	Spindle Assembly (Incl. Ref. #29-33 & 49-52)	3

*Not Illustrated

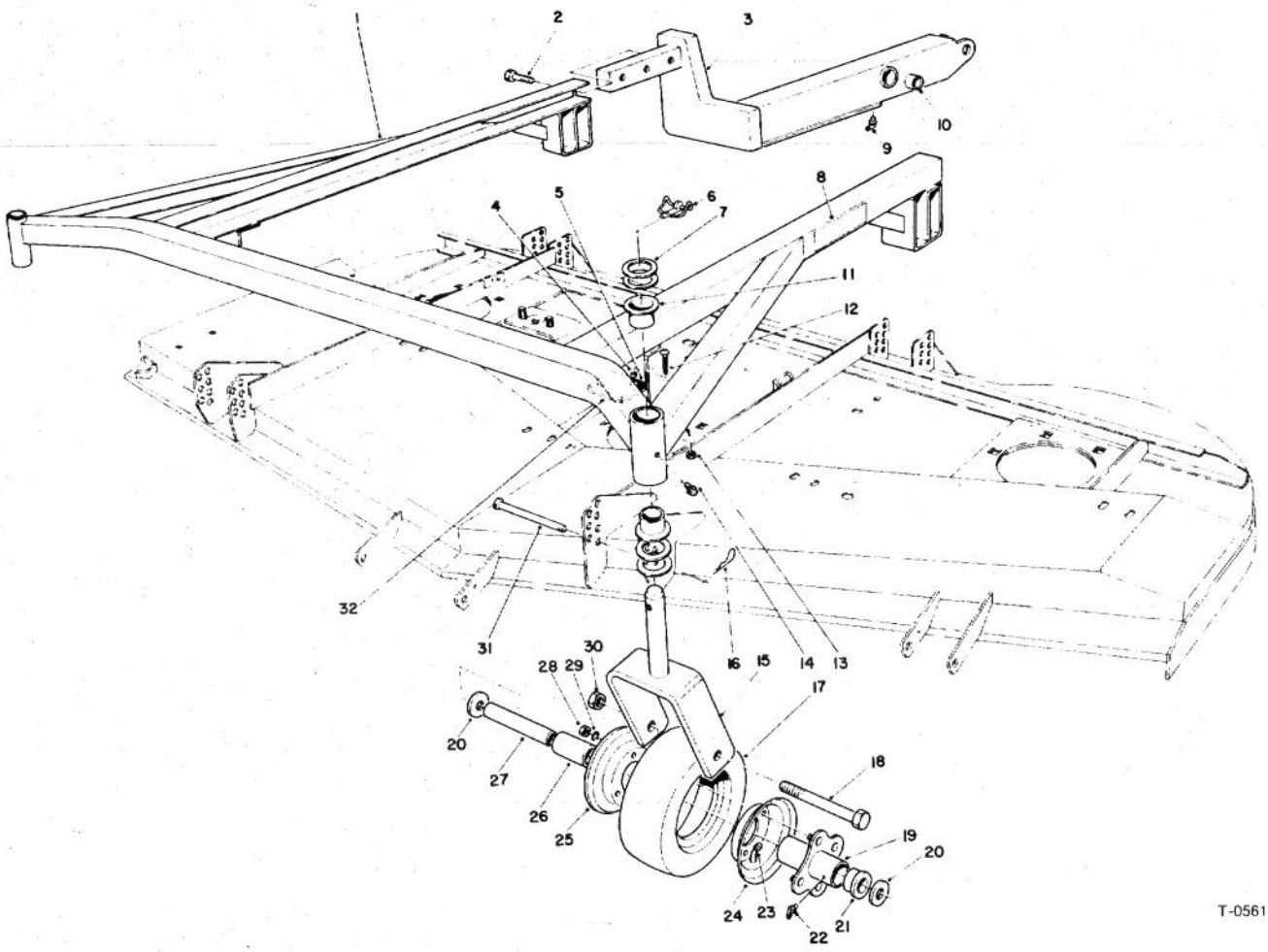


T-0560-89

CUTTING UNIT MODEL NO. 30564 (Continued)

Ref. No.	Part No.	Description	No. Used
1	52-5790	Deflector	1
2	51-1550	Spring	2
3	43-8480	Decal — Danger	1
4	32153-5	Nut — Lock	2
5	63-9830	Cover — Deck R.H.	1
6	65-5900	Cover — Deck Center	1
7	32128-17	Nut — Lock, Flange	10

Ref. No.	Part No.	Description	No. Used
8	44-6290	Cover — Deck L.H.	1
9	3290-321	Screw — Machine Hex Slotted	10
10	249-21	Latch Draw	5
11	3231-27	Bolt — Carriage	4
12	51-1530	Hinge Bracket	2
13	325-17	Screw — Cap Hex. Hd.	2
14	3290-357	Nut — Lock	4

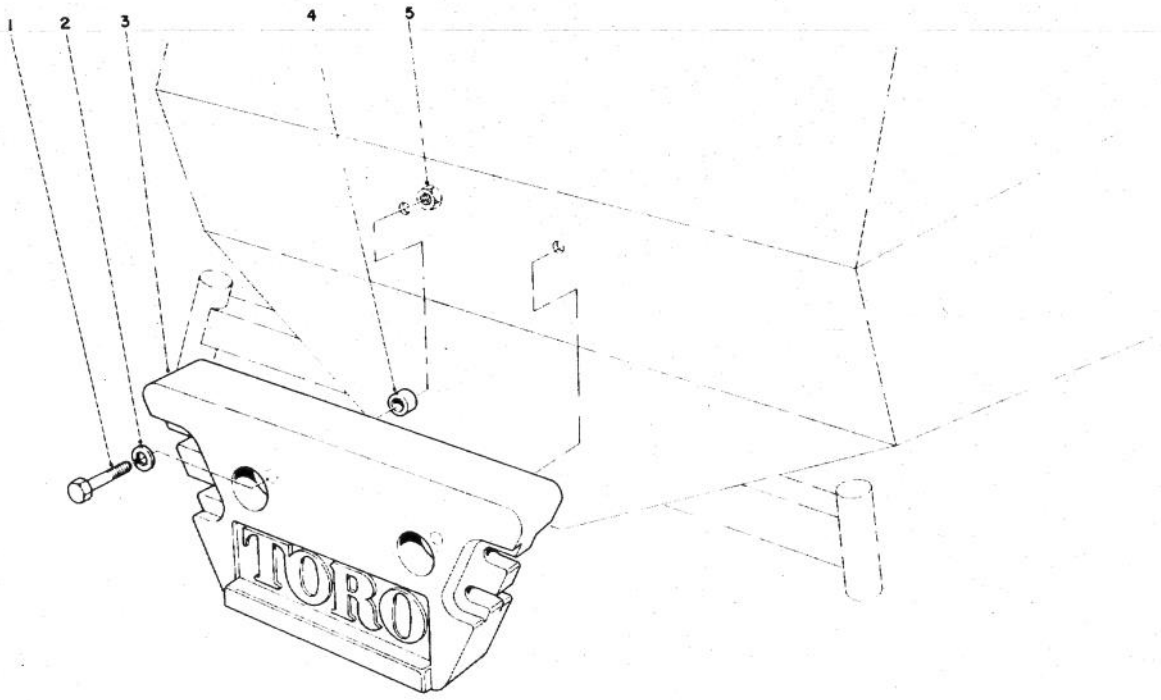


CUTTING UNIT MODEL NO. 30564 (Continued)

Ref. No.	Part No.	Description	No. Used
1	67-2000	Frame (Incl. Ref. #9 & 10)	1
2	325-6	Hex Hd. Capscrew	6
3	67-1910	Lift Arm — R.H.	1
*	67-1920	Lift Arm — L.H.	1
4	40-9520	Spacer — Split	4
5	40-0330	Cushion — Rubber	2
6	3290-384	Lynch Pin	2
7	3-6781	Washer — Thrust	8
8	68-8360	Decal — H.O.C.	1
9	302-40	Grease Fitting	2
10	256-101	Bushing	4
11	28-9290	Bushing Special	4
12	32122-28	Screw — Machine Truss Hd.	4
13	3296-2	Nut — Lock	4
14	302-5	Grease Fitting	2
15	68-8900	Front Castor Fork	2
16	3290-355	Pin — Hair	4
17	68-8960	Tire	2

Ref. No.	Part No.	Description	No. Used
18	325-19	Screw Cap Hex Hd.	2
19	68-8940	Hub — Center	2
20	3256-6	Thrust Washer	4
21	62-5580	Bushing	4
22	302-61	Fitting — Grease	2
23	68-8950	Tube — w/Valve	2
24	68-8920	Wheel Half — Female	2
25	68-8930	Wheel Half — Male	2
26	62-5570	Roller Bearing	2
27	68-8980	Spanner Bushing	2
28	3217-6	Hex Nut	8
29	3253-4	Lockwasher	8
30	32153-5	Locknut	2
31	283-55	Pin Clevis	4
32	42-6200	Shim — Cushion	3
*	13-3869	Caster Wheel Assembly (Incl. Ref. #17-30) (Set of 2)	1

*Not Illustrated

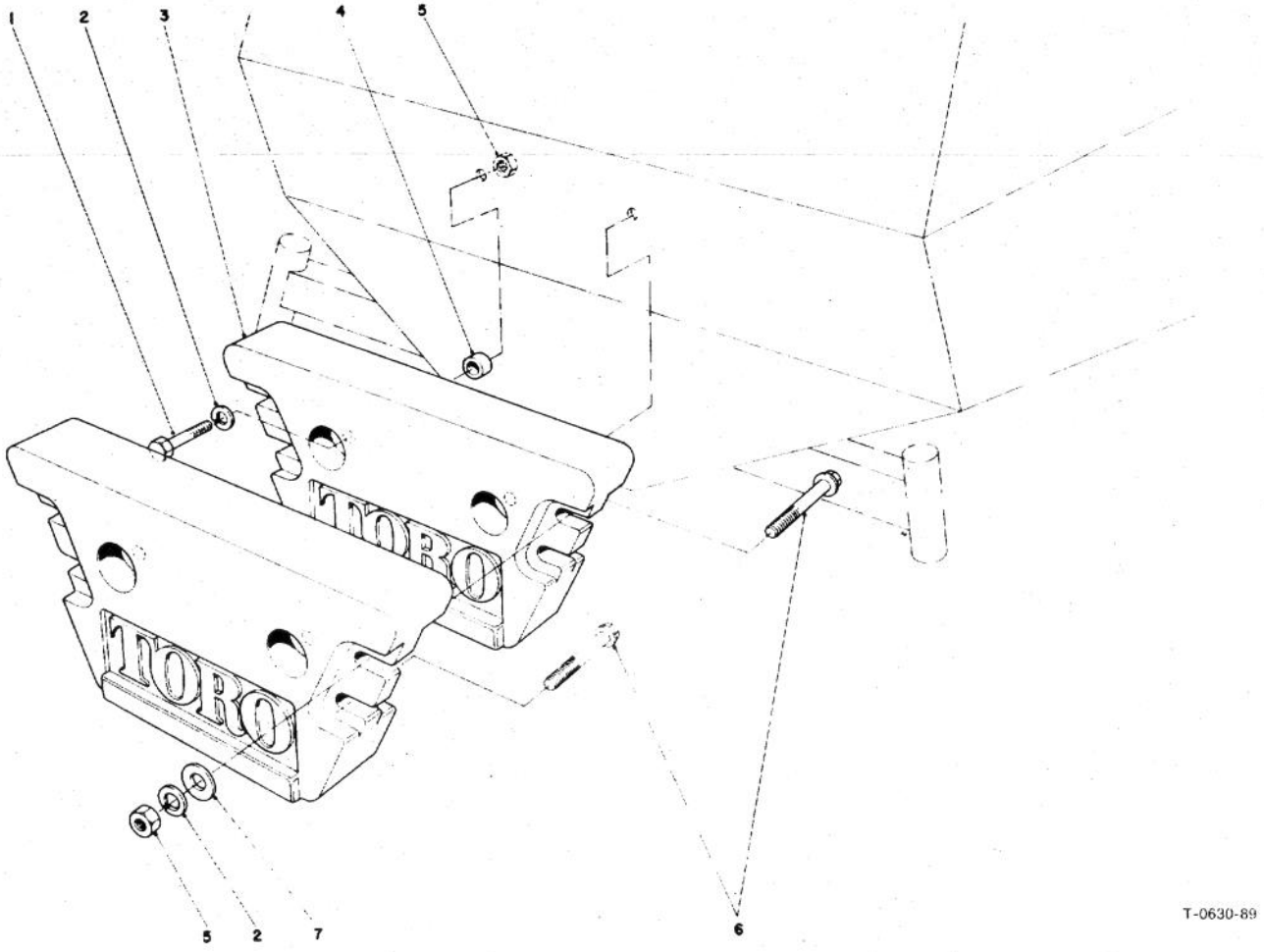


T-0562-89

REAR WEIGHT †

Ref. No.	Part No.	Description	No. Used
1†	325-8	Screw – Cap, Hex Hd.	2
2†	3253-7	Washer – Lock, Spring	2
3†	24-5790	Rear Weight	1
4†	57-4230	Spacer	2
5†	3217-9	Nut – Hex	2

†One required on Groundsmaster 220D with 62" cutting unit. Parts must be ordered separately.



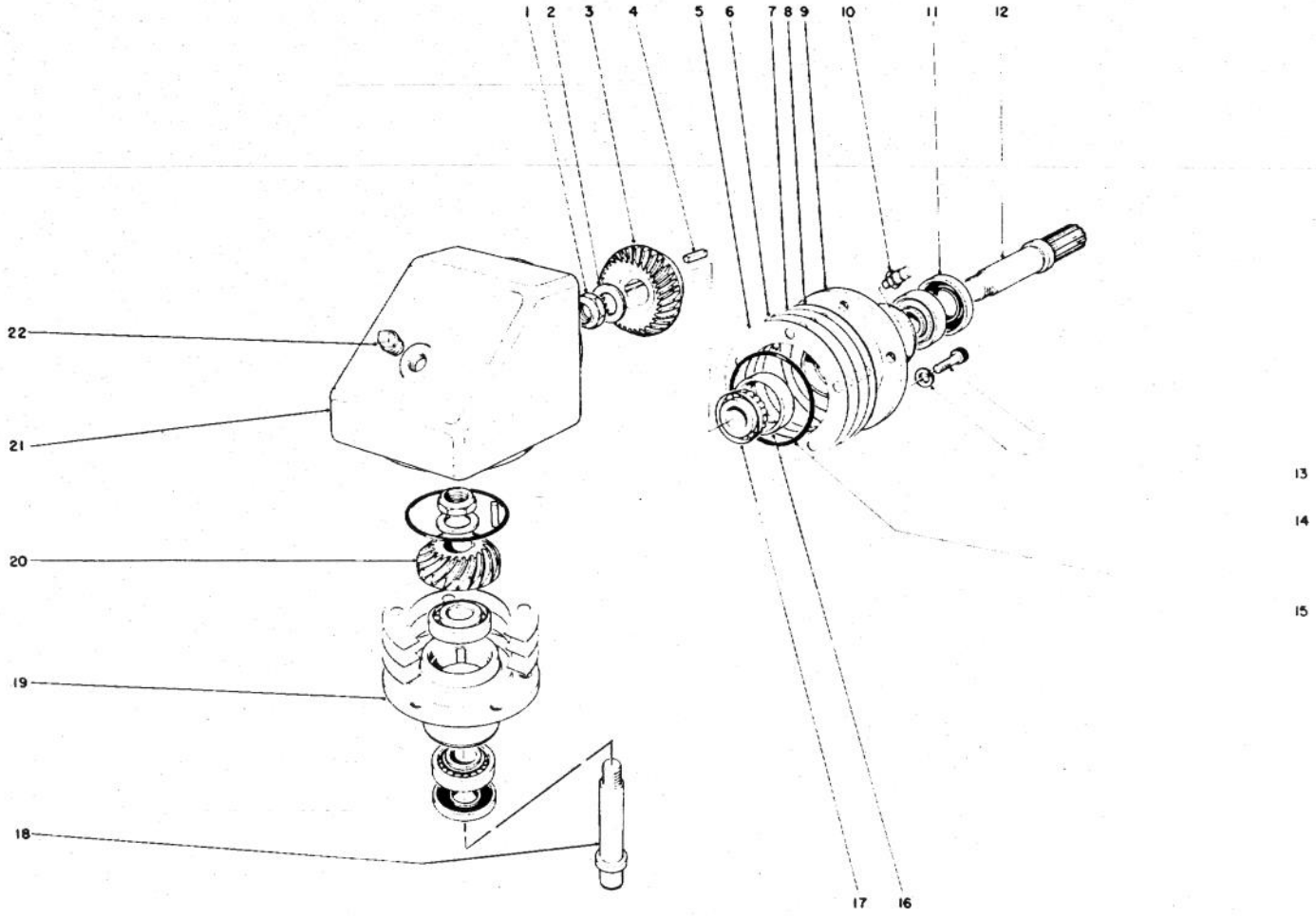
T-0630-89

REAR WEIGHT KIT NO. 24-5780 (Optional)

Ref. No.	Part No.	Description	No. Used
1	325-6	Capscrew	2
2	3253-7	Lockwasher	6
3†	24-5790	Rear Weight	2
4	57-4230	Spacer	2

Ref. No.	Part No.	Description	No. Used
5	3217-9	Nut	6
6	325-14	Capscrew	4
7	3256-26	Flatwasher	8

†Two required on Groundsmaster 220D with 72" Cutting Unit. Parts must be ordered separately.

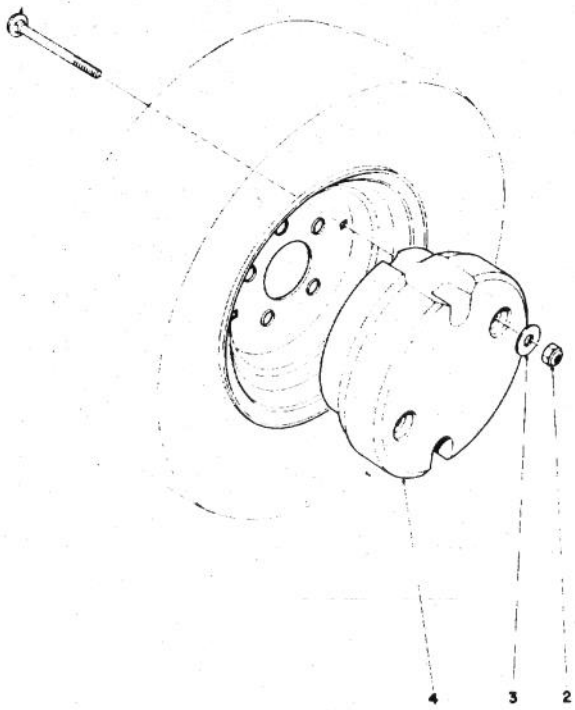


T-0563-89

GEAR BOX ASSEMBLY NO. 8-0909
CUTTING UNIT MODEL NO. 30564, 30555, 30568 & 30575

Ref. No.	Part No.	Description	No. Used
1	3296-15	Nut	2
2	3-6514	Thrust Washer	2
3	26-1340	Gear – Spiral Bevel	1
4	18-6430	Square Key	2
5	26-1350	Shim .002 Thick Red	A/R
6	26-1360	Shim .005 Thick Blue	A/R
7	26-1370	Shim .015 Thick Pink	A/R
8	33-2040	Shim .020 Thick Yellow	A/R
9	26-1290	Bearing Housing – Input	1
10	302-14	Vent Plug	1
11	253-137	Oil Seal	2
12	26-1310	Shaft – Input	1

Ref. No.	Part No.	Description	No. Used
13	3274-7	Capscrew Socket Head	5
14	3253-21	Lockwasher	5
15	237-97	O-Ring	2
16	254-90	Bearing Cup	4
17	254-91	Bearing Cone	4
18	26-1320	Shaft – Output	1
19	26-1380	Bearing Housing – Output	1
20	26-1330	Pinion Spiral	1
21	26-1270	Gear Box	1
22	281-11	Pipe Plug Sq. Hd.	1



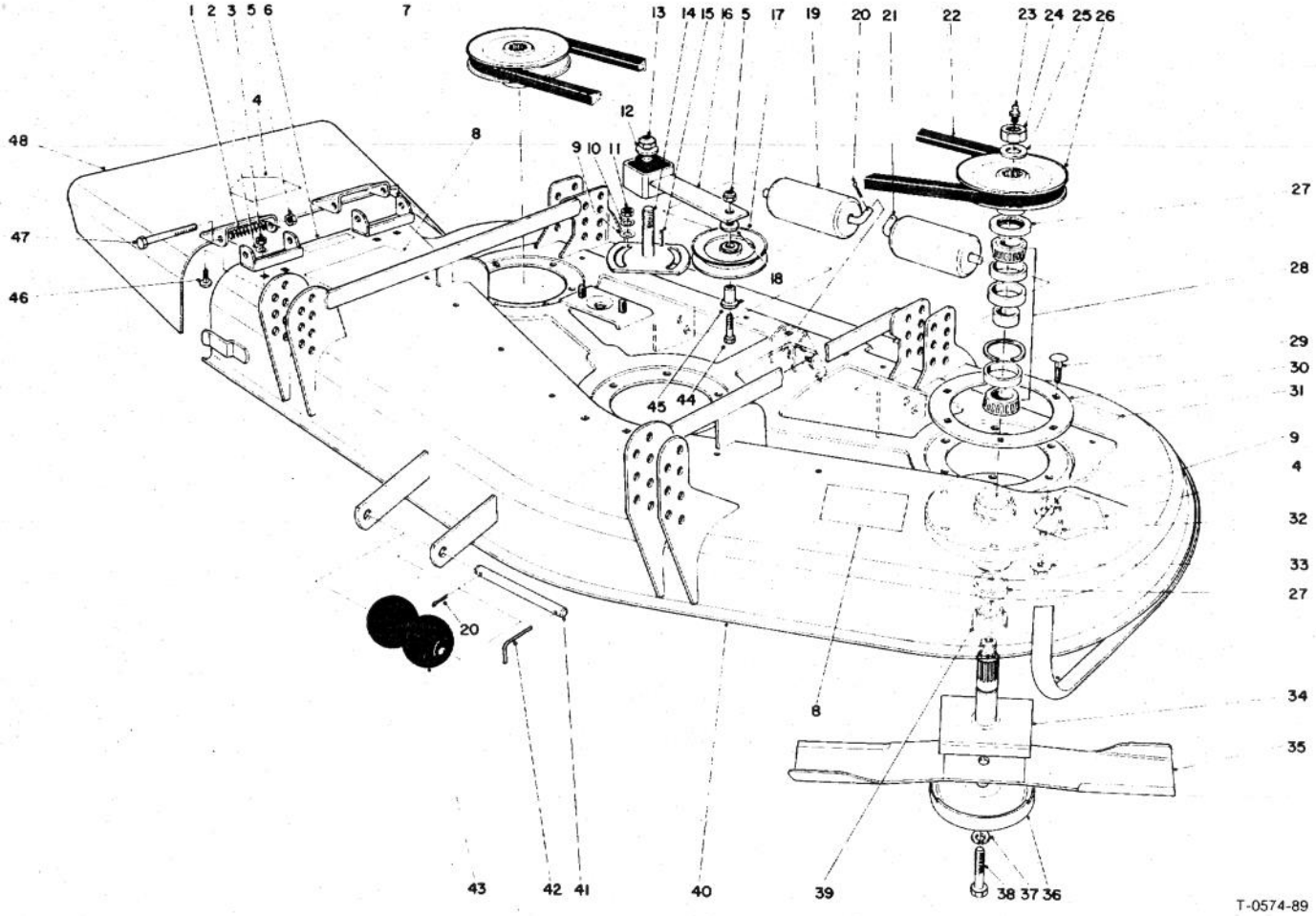
T-0635-89

WHEEL WEIGHT KIT MODEL NO. 30762 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3231-24	Carriage Bolt	4
2	3296-26	Nut	4

Ref. No.	Part No.	Description	No. Used
3	3256-24	Washer	4
4†		Wheel Weight	2

†Order Replacement Kit Model No. 30762

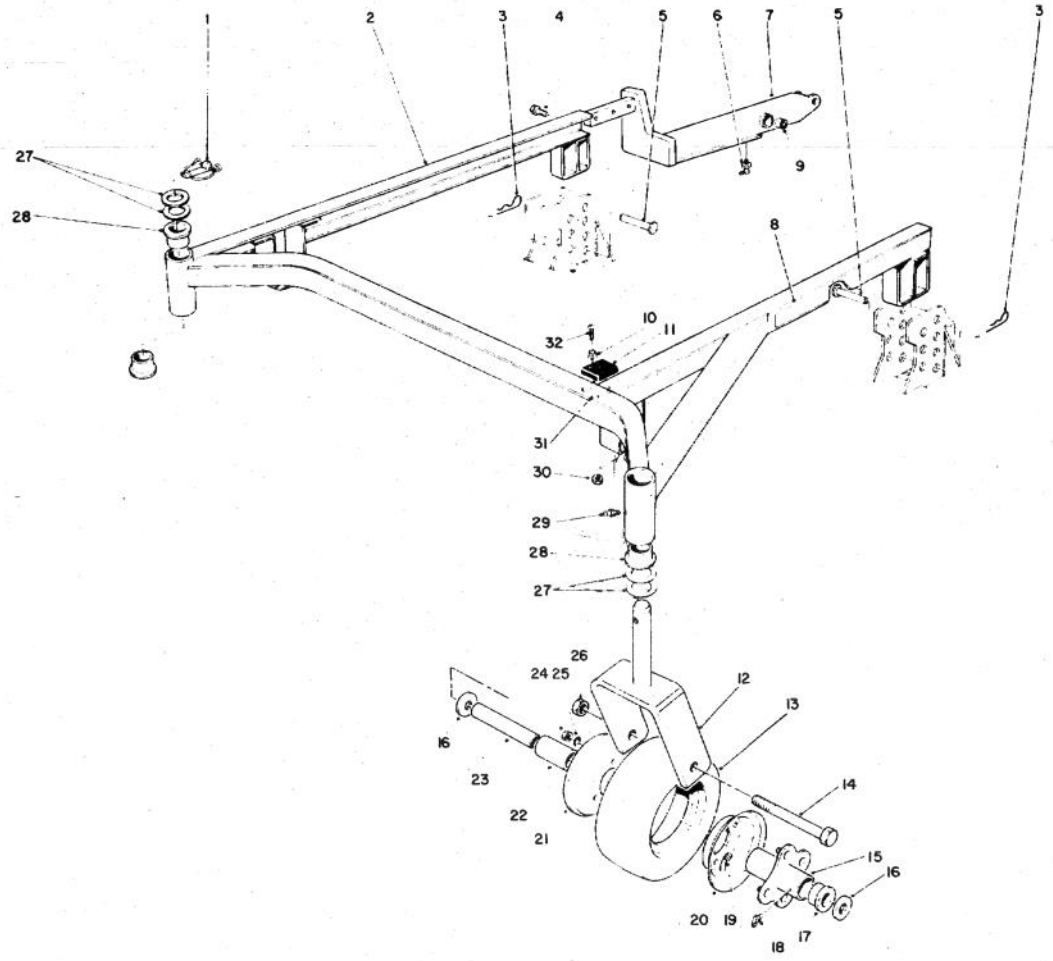


CUTTING UNIT MODEL NO. 30555

Ref. No.	Part No.	Description	No. Used
1	40-6230	Spring — Torsion	2
2	3253-4	Lockwasher	4
3	3217-6	Nut	4
4	43-8480	Decal — Danger	2
5	3296-5	Locknut	3
6	66-6380	Decal — Deflector Missing	1
7	29-5590	Pivot Bracket — Deflector	2
8	66-1340	Decal — Danger	2
9	3256-24	Washer — Flat	20
10	3253-21	Lockwasher	2
11	3218-3	Nut — Jam	2
12	3256-27	Washer — Flat	1
13	3296-33	Locknut	1
14	28-9060	Plate — Idler	1
15	5-1077	Key Square	1
16	27-8580	Idler Socket	1
17	65-5940	Pulley — Idler	1
18	7-0081	Washer — Special	1
19	36-1740	Roller — Deck	2
20	3272-11	Cotter Pin	3
21	40-0340	Shaft — Rear Roller	2
22	27-1160	V-Belt	1
23	302-2	Grease Fitting	3
24	32146-20	Locknut	3
25	7-4150	Washer	3
26	27-0970	Pulley	3

Ref. No.	Part No.	Description	No. Used
27	253-139	Seal — Wave	6
28	46-8530	Bearing Assembly	3
29	3231-22	Carriage Bolt	18
30	27-7680	Ring — Deck Support	3
31	43-8480	Decal — Blade Bolt Torque	1
32	61-4160	Spindle Housing	3
33	32128-21	Locknut — Flange	18
34	27-0920	Spindle Shaft	3
35	27-0990	Blade	3
36	27-1000	Anti-Scalp Cup	3
37	3253-27	Lockwasher	3
38	44-2200	Screw — Blade Bolt	3
39	27-0950	Spacer — Spindle Bearing	3
40	40-0020	Cutting Deck	1
41	40-6400	Shaft — Roller	1
42	57-0690	Cotter Pin — Special	1
43	29-4820	Roller	2
44	3211-8	Capscrew	1
45	65-5950	Bushing — Pulley	1
46	3230-20	Carriage Bolt	4
47	3211-15	Capscrew	2
48	40-6200	Grass Deflector	1
*	44-5480	Blade — High Sail (Optional)	3
*	27-0870	Spindle Assembly (Incl. Ref. #23-28, 32, 34 & 39)	3

*Not Illustrated



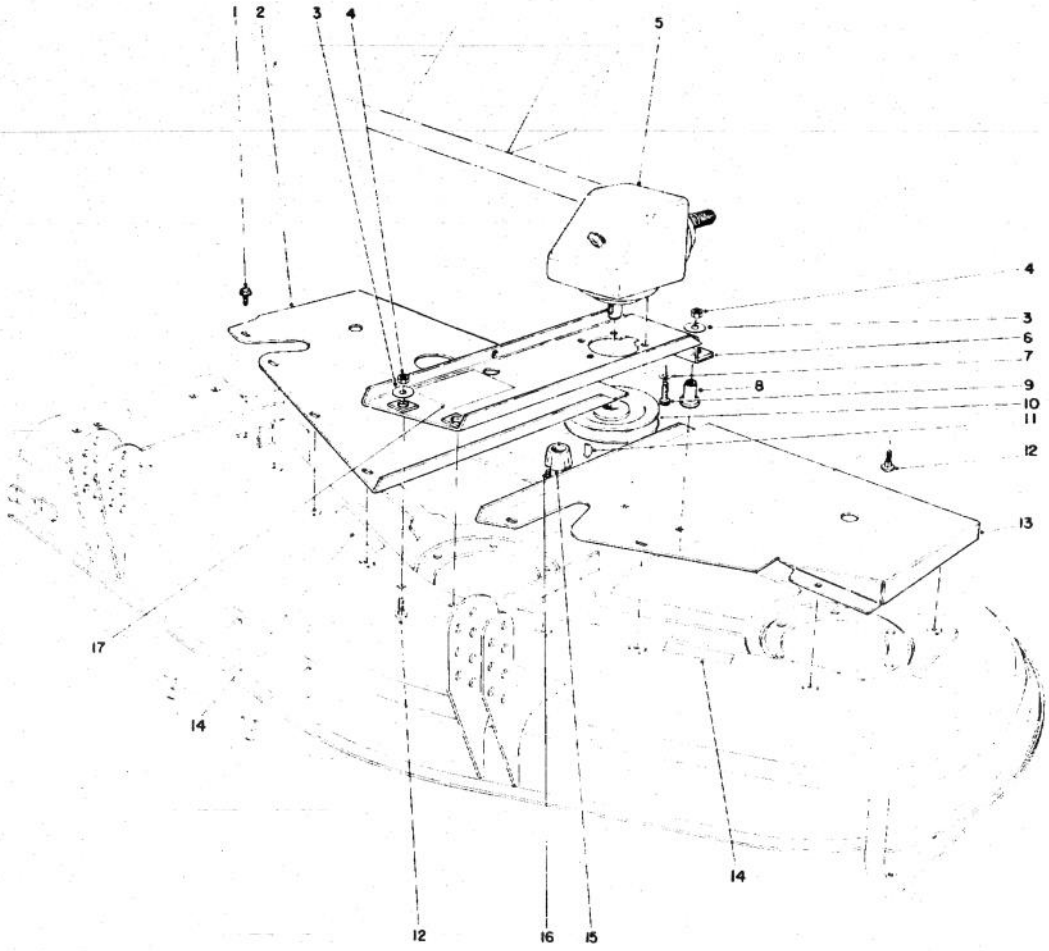
T-0629-89

CUTTING UNIT MODEL NO. 30555 (Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-384	Lynch Pin	2
2	67-2110	Frame — Deck Suspension (Incl. Ref. #28)	1
3	3290-355	Pin — Hair	4
4	325-7	Hex Hd. Capscrew	6
5	283-55	Pin Clevis	4
6	302-40	Grease Fitting	2
7	67-1910	Lift Arm — R.H.	1
*	67-1920	Lift Arm — L.H.	1
8	68-8360	Decal — H.O.C.	1
9	256-101	Bushing	4
10	40-9520	Spacer — Split	4
11	40-0330	Cushion — Rubber	2
12	68-8900	Front Castor Fork	2
13	68-8960	Tire	2
14	325-19	Screw — Cap Hex Hd.	2
15	68-8940	Hub — Center	2
16	3256-6	Thrust Washer	4
17	62-5580	Bushing	4

Ref. No.	Part No.	Description	No. Used
18	302-61	Fitting — Grease	2
19	68-8950	Tube w/Valve	2
20	68-8920	Wheel Half — Female	2
21	68-8930	Wheel Half — Male	2
22	62-5570	Roller Bearing	2
23	68-8980	Spanner Bushing	2
24	3217-6	Hex Nut	8
25	3253-4	Lockwasher	8
26	32153-5	Nut — Lock	2
27	3-6781	Washer — Thrust	8
28	28-9290	Bushing — Special	4
29	302-5	Grease — Fitting	2
30	3296-2	Locknut	4
31	42-6200	Shim Cushion	A/R
32	32122-28	Machine Screw Truss Head	4
*	68-8970	Wheel Assembly (Incl. Ref. #15, 17-23, 24, & 25)	2

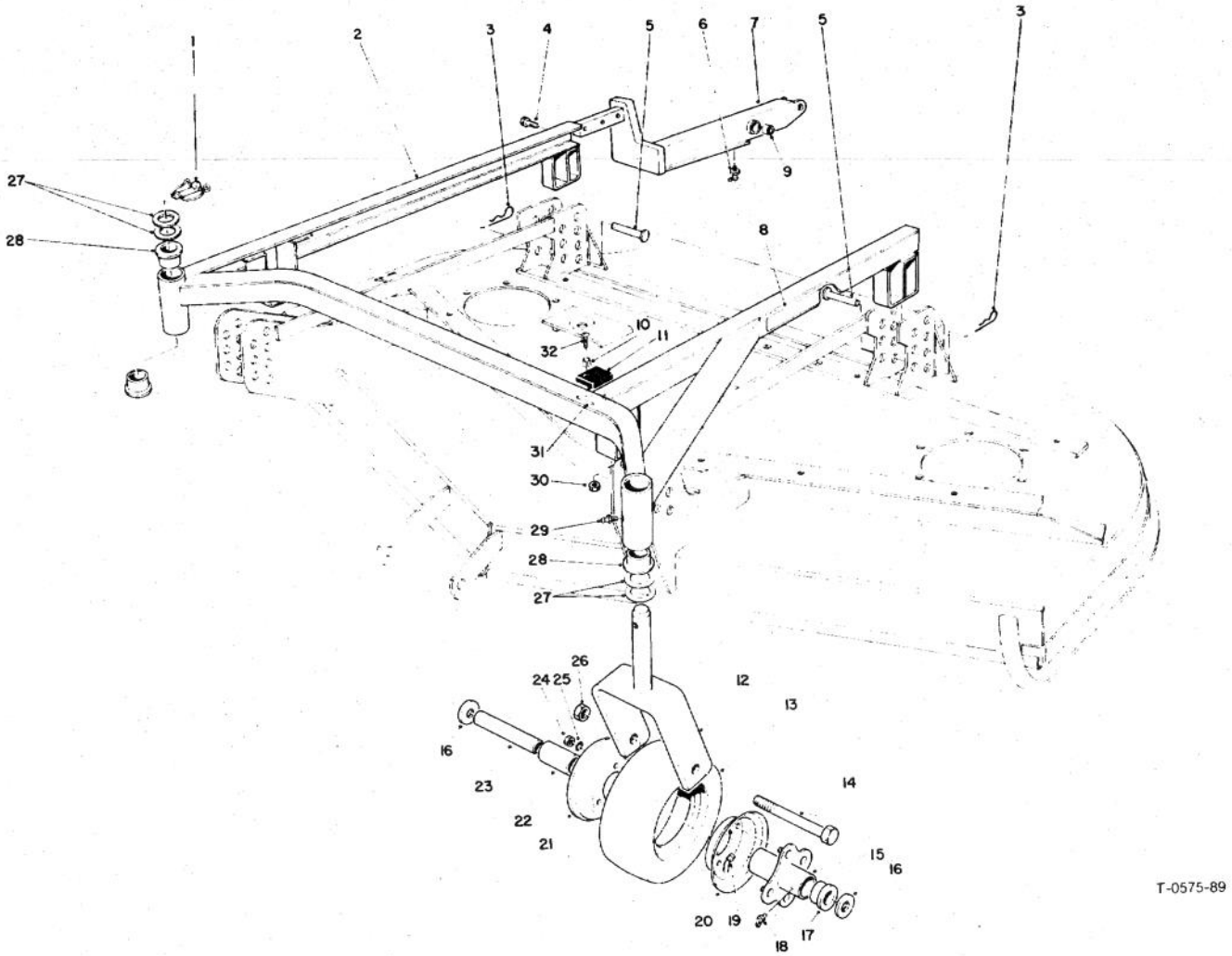
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T-0576-89

CUTTING UNIT MODEL NO. 30555 (Continued)

Ref. No.	Part No.	Description	No. Used
1	46-8560	Self Tapping Screw Hex Hd. w/Locking Flange	11
2	40-0410	Cover R.H.	1
3	63-8410	Lockwasher	4
4	32153-2	Nut	4
5	8-0909	Gear Box Assembly	1
6	63-9760	Base — Gear Box	1
7	3253-21	Lockwasher	5
8	63-9750	ISO Mount — Gear Box	4
9	3274-1	Capscrew — Socket Hd.	5
10	63-9900	Pulley — Gear Box	1
11	3257-5	Key Woodruff	1
12	3231-26	Carriage Bolt	4
13	40-0390	Cover L.H.	1
14	67-5360	Decal — Shield Missing	2
15	27-6140	Bushing — Taper Lock (Incl. Ref. #16)	1
16	3245-9	Set Screw — Socket Hd.	1
17	51-3960	Decal — 52"	1

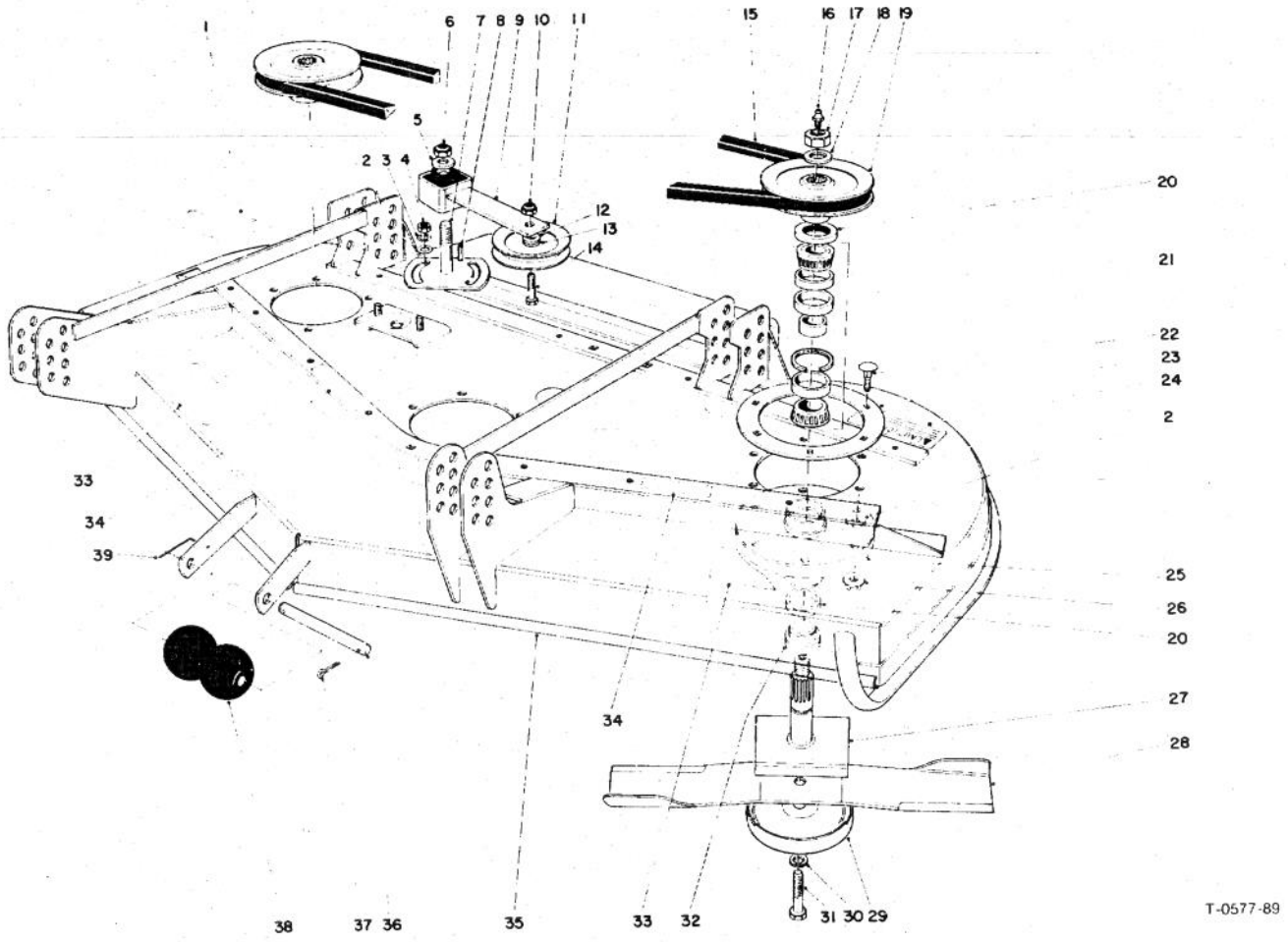


CUTTING UNIT MODEL NO. 30568 (Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-384	Lynch Pin	2
2	67-2110	Frame — Deck Assembly (Incl. Ref. #28)	1
3	3290-355	Pin — Hair	4
4	325-6	Hex Hd. Capscrew	6
5	283-55	Pin Clevis	4
6	302-40	Grease Fitting	2
7	67-1910	Lift Arm — R.H. (Incl. Ref. #6 & 9)	1
*	67-1920	Lift Arm — L.H. (Incl. Ref. #6 & 9)	1
8	71-2760	Decal — H.O.C.	1
9	256-101	Bushing	4
10	40-9520	Spacer — Split	4
11	40-0330	Cushion Rubber	2
12	68-8900	Front Castor Fork	2
13	68-8960	Tire	2
14	325-19	Screw — Cap. Hex. Hd.	2
15	68-8940	Hub — Center	2

Ref. No.	Part No.	Description	No. Used
16	3256-6	Thrust Washer	4
17	62-5580	Bushing	4
18	302-61	Fitting — Grease	2
19	68-8950	Tube w/Valve	2
20	68-8920	Wheel Half — Female	2
21	68-8930	Wheel Half — Male	2
22	62-5570	Roller Bearing	2
23	68-8980	Spanner Bushing	2
24	3217-6	Hex Nut	8
25	3253-4	Lockwasher	8
26	32153-5	Nut — Lock	2
27	3-6781	Washer — Thrust	8
28	28-9290	Bushing — Special	4
29	302-5	Fitting — Grease	2
30	3296-2	Nut — Lock	4
31	42-6200	Shim — Cushion	3
32	32122-28	Screw — Machine Truss Hd.	4
*	13-3869	Wheel Assembly (Incl. Ref. #13-26)	2

*Not Illustrated

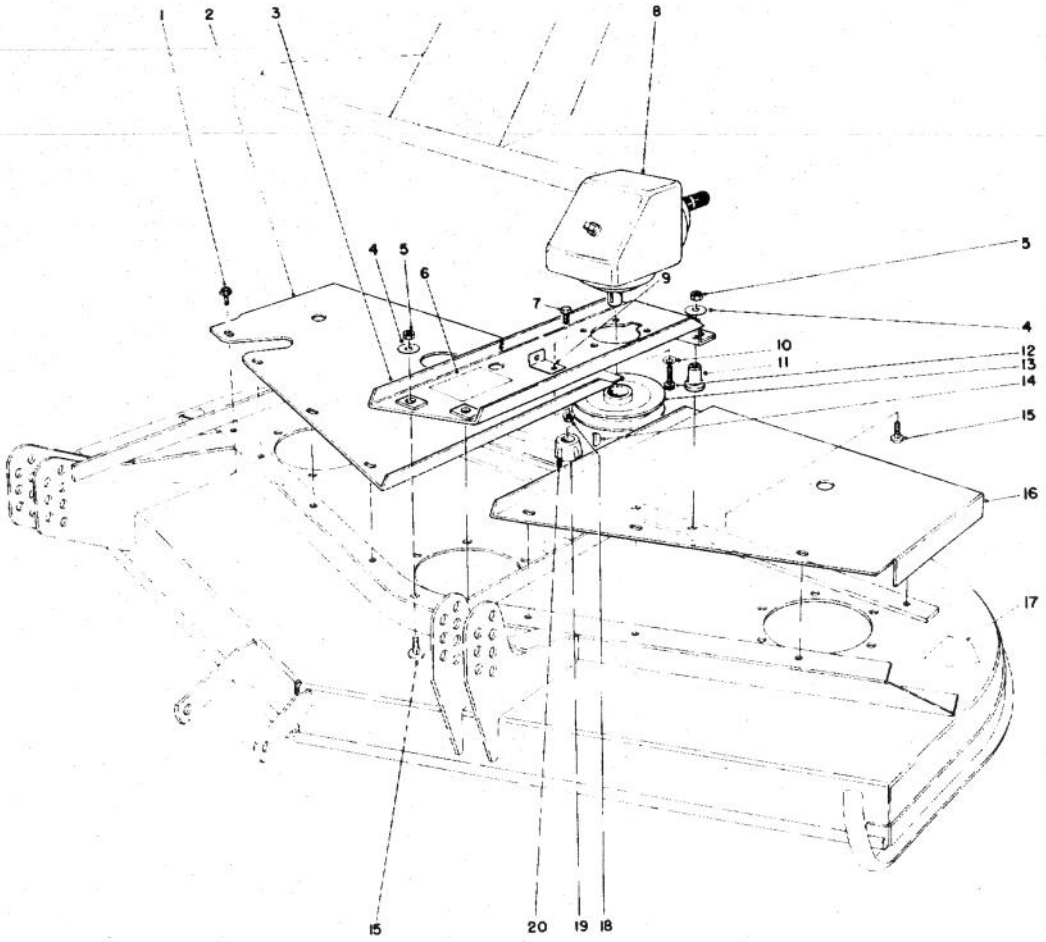


CUTTING UNIT MODEL NO. 30568

Ref. No.	Part No.	Description	No. Used
1	43-8480	Decal — Danger	1
2	3256-24	Washer — Plain	20
3	3253-31	Washer — Lock	2
4	3218-3	Nut — Jam	2
5	3256-27	Washer — Plain	1
6	3296-33	Nut — Lock	1
7	28-9060	Plate — Idler	1
8	5-1077	Key Square	1
9	27-8580	Idler Socket	1
10	3296-5	Nut — Lock	1
11	65-5940	Pulley — Idler	1
12	7-0081	Washer	1
13	65-5950	Bushing	1
14	3211-8	Screw — Cap Hex Hd.	1
15	27-1160	V-Belt	1
16	302-2	Grease Fitting	3
17	32146-20	Nut — Hex Lock Jam	3
18	7-4150	Washer	3
19	27-0970	Pulley	3
20	253-139	Seal — Wave	6

Ref. No.	Part No.	Description	No. Used
21	46-8530	Bearing Assembly	3
22	3231-22	Bolt — Carriage	18
23	27-7680	Ring Deck Support	2
24	68-8340	Decal — Blade Bolt Torque	1
25	61-4160	Housing — Spindle	3
26	32128-21	Nut — Locking Flange	18
27	27-0920	Spindle Shaft	3
28	27-0990	Blade	3
29	27-1000	Cup — Anti Scalp	3
30	3253-27	Washer — Lock	3
31	44-2200	Screw — Blade	3
32	27-0950	Spacer — Spindle Bearing	3
33	66-1340	Decal — Danger	2
34	67-5360	Decal — Shield Missing	2
35	42-4650	Cutting Deck	1
36	40-6400	Shaft — Roller	1
37	3272-11	Pin — Cotter	1
38	29-4820	Roller	2
39	57-0690	Cotter Pin Special	1
*	27-0870	Spindle Assembly (incl. Ref. #16-21, 25, 27, 32)	3

*Not Illustrated

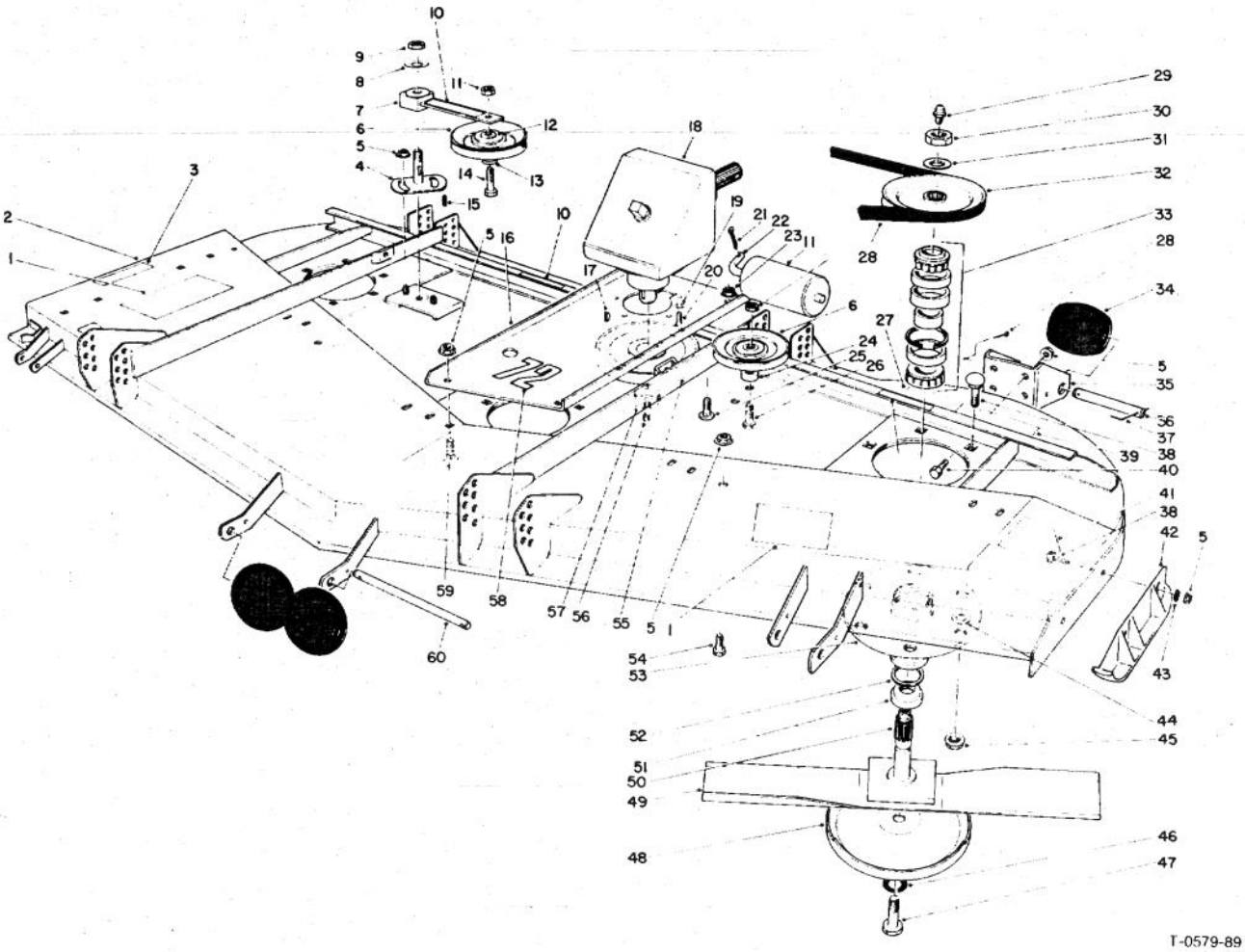


T-0578-89

CUTTING UNIT MODEL NO. 30568 (Continued)

Ref. No.	Part No.	Description	No. Used
1	46-8560	Screw Self Tapping Flange Hex. Hd.	11
2	40-0410	Cover R.H.	1
3	63-9760	Base — Gear Box	1
4	63-8410	Washer — Lock	4
5	32153-2	Nut	4
6	51-3960	Decal — "52"	1
7	322-4	Screw — Cap Hex. Hd.	2
8	8-0909	Gear Box	1
9	46-3590	Bracket — Extension	1
10	3253-21	Lockwasher	5

Ref. No.	Part No.	Description	No. Used
11	63-9750	ISO Mount — Gear Box	4
12	3274-1	Capscrew Socket Hd.	5
13	63-9900	Pulley	1
14	3257-5	Key Woodruff	1
15	3231-29	Bolt — Carriage	4
16	42-4660	Cover L.H.	1
17	43-8480	Decal — Danger	1
18	32128-20	Nut — Lock Flange Hex	2
19	27-6140	Bushing — Taper Lock (Incl. Ref. #20)	1
20	3245-9	Set Screw Socket Hd.	1



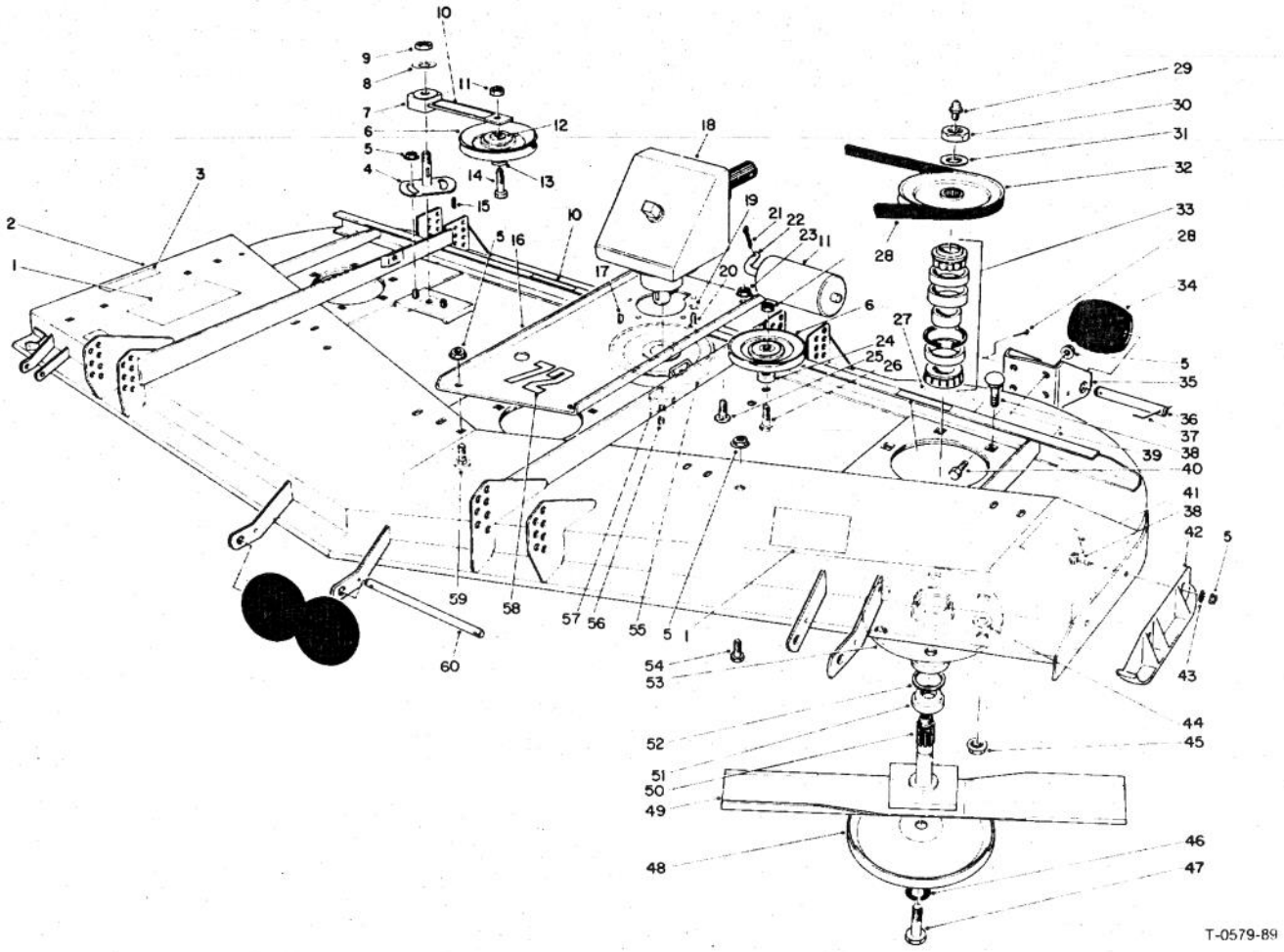
T-0579-89

CUTTING UNIT MODEL NO. 30575

Ref. No.	Part No.	Description	No. Used
1	66-1340	Decal — Danger	2
2	57-0300	Housing	1
3	66-6380	Decal — Deflector Missing	1
4	44-6300	Idler Plate	1
5	3290-357	Nut — Lock	14
6	65-5940	Pulley — Idler	2
7	27-8580	Idler Socket & Bushing Assembly	1
8	3256-27	Washer	1
9	3296-33	Nut — Lock	1
10	67-5360	Decal — Shield Missing	3
11	3296-5	Nut — Lock	2
12	7-0081	Washer — Special	2
13	65-5950	Bushing — Pulley	2
14	3211-8	Screw — Cap Hex. Hd.	1
15	5-1077	Key Square	1
16	57-0540	Base — Gear Box	1
17	3257-5	Key — Woodruff	1
18	8-0909	Gear Box	1
19	3253-21	Washer — Lock	5
20	3274-1	Screw — Cap Socket Hd.	5
21	3272-11	Pin — Cotter	7
22	40-0340	Shaft — Rear Roller	2

*Not Illustrated

Ref. No.	Part No.	Description	No. Used
23	36-1740	Roller — Deck	2
24	44-6390	Spacer	1
25	3231-27	Bolt — Carriage	2
26	3211-9	Screw — Cap Hex. Hd.	1
27	68-8340	Decal — Blade Bolt Torque	1
28	57-0240	V-Belt	1
29	302-2	Fitting Grease	3
30	32146-20	Nut — Hex Jam	3
31	7-4150	Washer	3
32	57-0560	Pulley	3
33	46-8530	Bearing Assembly	3
34	29-4820	Roller	6
35	57-0580	Bracket — Roller Left Rear	1
*	57-0590	Bracket — Roller Right Rear	1
36	57-0680	Roller Shaft	4
37	57-0690	Cotter Pin — Special	5
38	3231-22	Bolt — Carriage	20
39	68-7270	Decal — Rear Weight 70	1
40	323-7	Screw — Cap Hex. Hd.	4
41	43-8480	Decal — Danger	1
42	57-0570	Skid	1
43	3290-224	Washer — Lock	2
44	3256-24	Washer	A/R

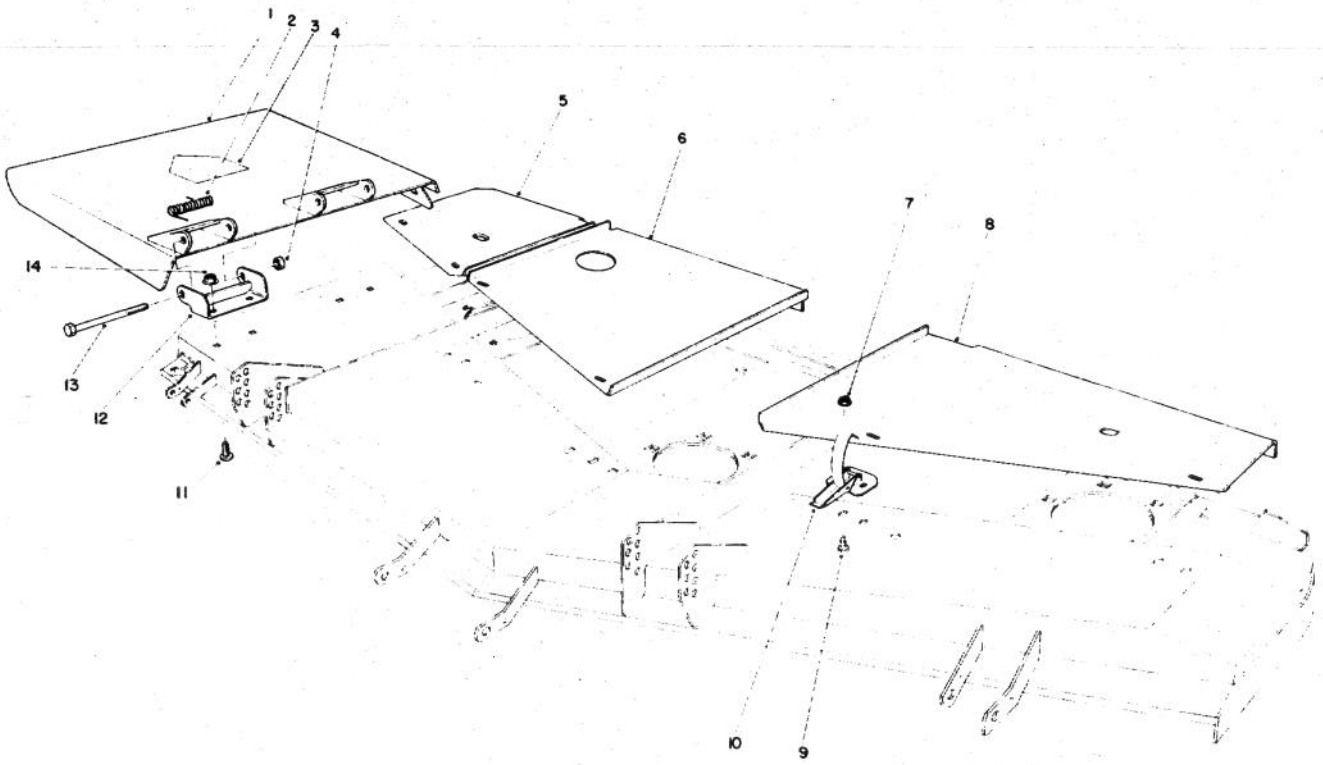


CUTTING UNIT MODEL NO. 30575 (Continued)

Ref. No.	Part No.	Description	No. Used
45	32128-21	Nut — Lock Flange	18
46	3253-27	Washer — Lock	3
47	44-2200	Capscrew Blade	3
48	27-1000	Anti-Scalp Cup	3
49	57-0250	Blade	3
50	27-0920	Spindle Shaft	3
51	27-0950	Spacer — Spindle Bearing	3
52	253-139	Seal — Wave	6
53	61-4160	Spindle Housing	3
54	323-4	Screw — Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
55	27-6110	Pulley — Gear Box	1
56	3245-9	Screw — Set Socket Hd.	2
57	27-6140	Bushing Taper Lock (Incl. Ref. #56)	1
58	57-0280	Decal — 72	1
59	3231-21	Bolt — Carriage	2
60	40-6400	Shaft — Roller	1
*	57-0260	Spindle Housing Assembly (Incl. Ref. #29-33, 50-53)	3

*Not Illustrated

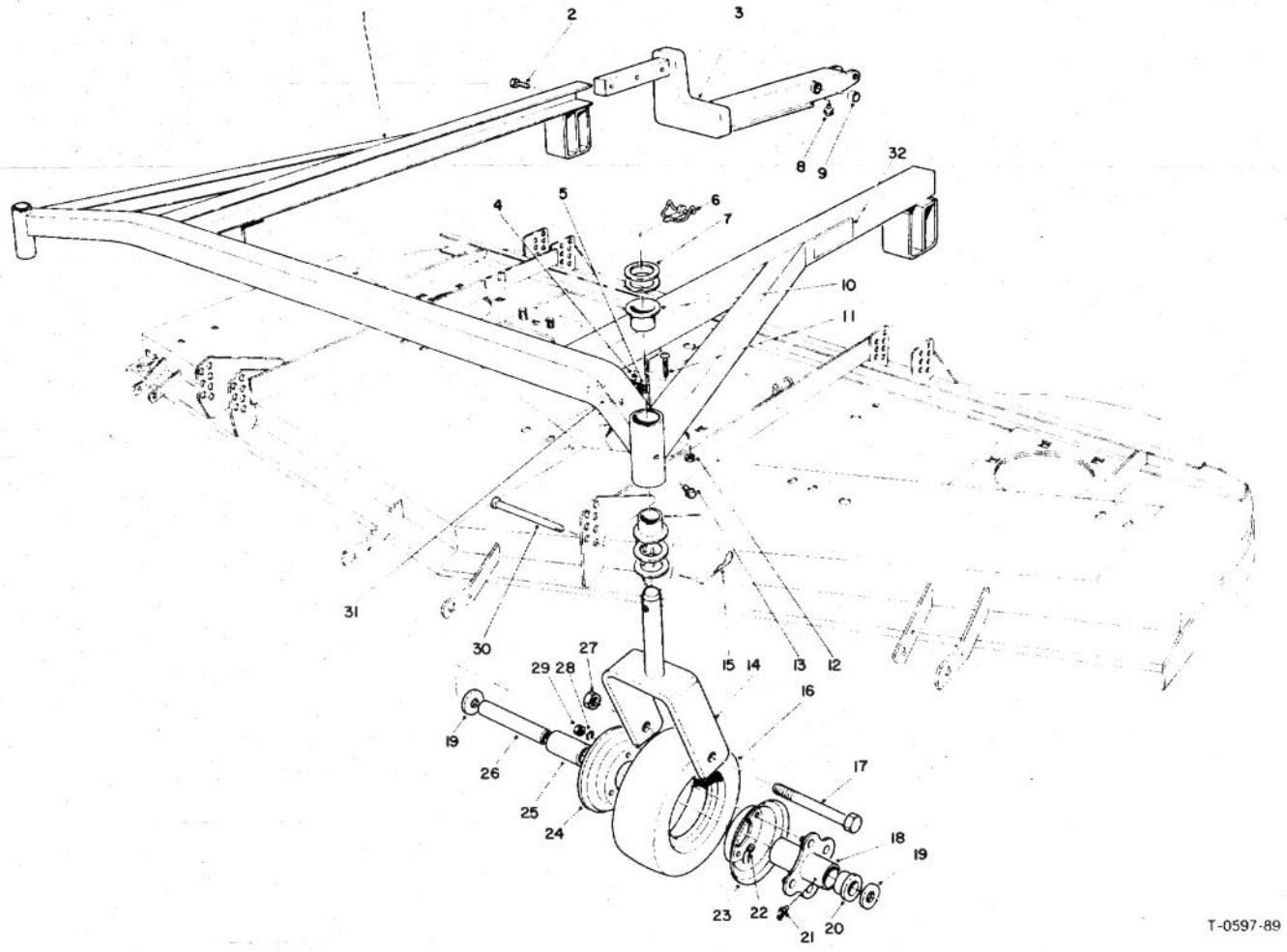


T-0589-89

CUTTING UNIT MODEL NO. 30575 (Continued)

Ref. No.	Part No.	Description	No. Used
1	52-5790	Deflector	1
2	51-1550	Spring	2
3	43-8480	Decal — Danger	1
4	32153-5	Nut — Lock	2
5	57-0230	Cover R.H.	1
6	57-0210	Cover — Center	1
7	32128-17	Nut — Lock	12

Ref. No.	Part No.	Description	No. Used
8	57-0220	Cover L.H.	1
9	3290-321	Screw — Machine Hex Slotted	12
10	249-21	Latch — Draw	6
11	3231-27	Bolt — Carriage	4
12	51-1530	Hinge Bracket	2
13	325-17	Screw — Cap Hex. Hd.	2
14	3290-357	Nut — Lock, Hex Flange	4

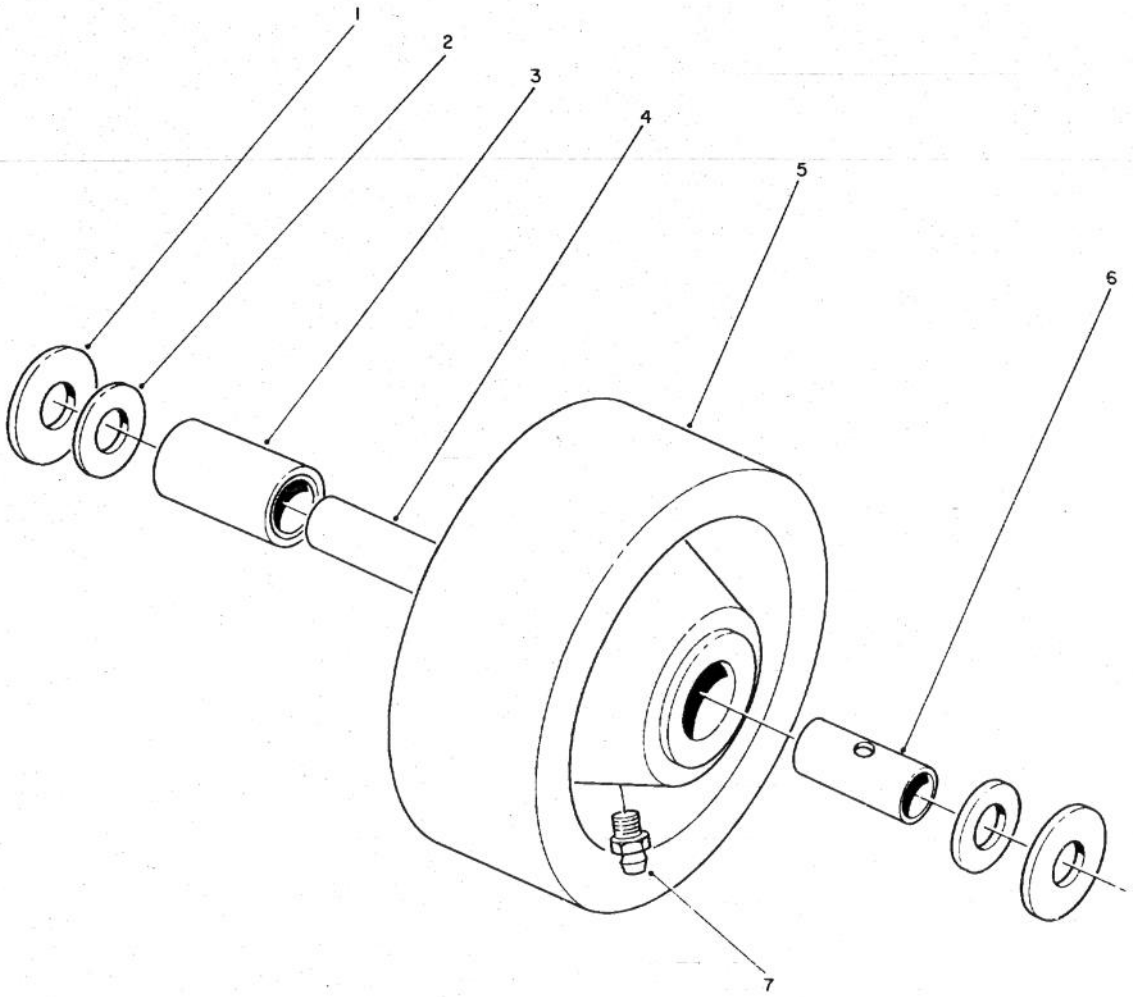


CUTTING UNIT MODEL NO. 30575 (Continued)

Ref. No.	Part No.	Description	No. Used
1	68-4250	Carrier Frame (Incl. Ref. #10)	1
2	325-6	Hex Hd. Capscrew	6
3	67-1910	Lift Arm —R.H. (Incl. Ref. #8-9)	1
*	67-1920	Lift Arm —L.H. (Incl. Ref. #8-9)	1
4	40-9520	Spacer — Split	4
5	40-0330	Cushion — Rubber	2
6	3290-384	Lynch Pin	2
7	3-6781	Washer — Thrust	8
8	302-40	Fitting — Grease	2
9	256-101	Bushing	4
10	28-9290	Bushing — Special	4
11	32122-28	Screw — Machine Truss Hd.	4
12	3296-2	Nut — Lock	4
13	302-5	Grease Fitting	2
14	68-8900	Castor Fork	2
15	3290-355	Pin — Hair	4
16	68-8960	Tire	2
17	325-19	Screw — Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
18	68-8940	Hub — Center	2
19	3256-6	Thrust Washer	4
20	62-5580	Bushing	4
21	302-61	Grease Fitting	2
22	68-8950	Tube w/Valve	2
23	68-8920	Wheel Half — Female	2
24	68-8930	Wheel Half — Male	2
25	62-5570	Roller Bearing	2
26	68-8980	Spanner Bushing	2
27	32153-5	Nut — Lock	2
28	3253-4	Lockwasher	8
29	3217-6	Hex Nut	8
30	283-55	Pin — Clevis	4
31	42-6200	Shim — Cushion	A/R
32	68-8360	Decal — Height Of Cut	1
*	13-3869	Castor Wheel Assembly (Incl. Ref. # 16-29) (Set of 2)	1

*Not Illustrated

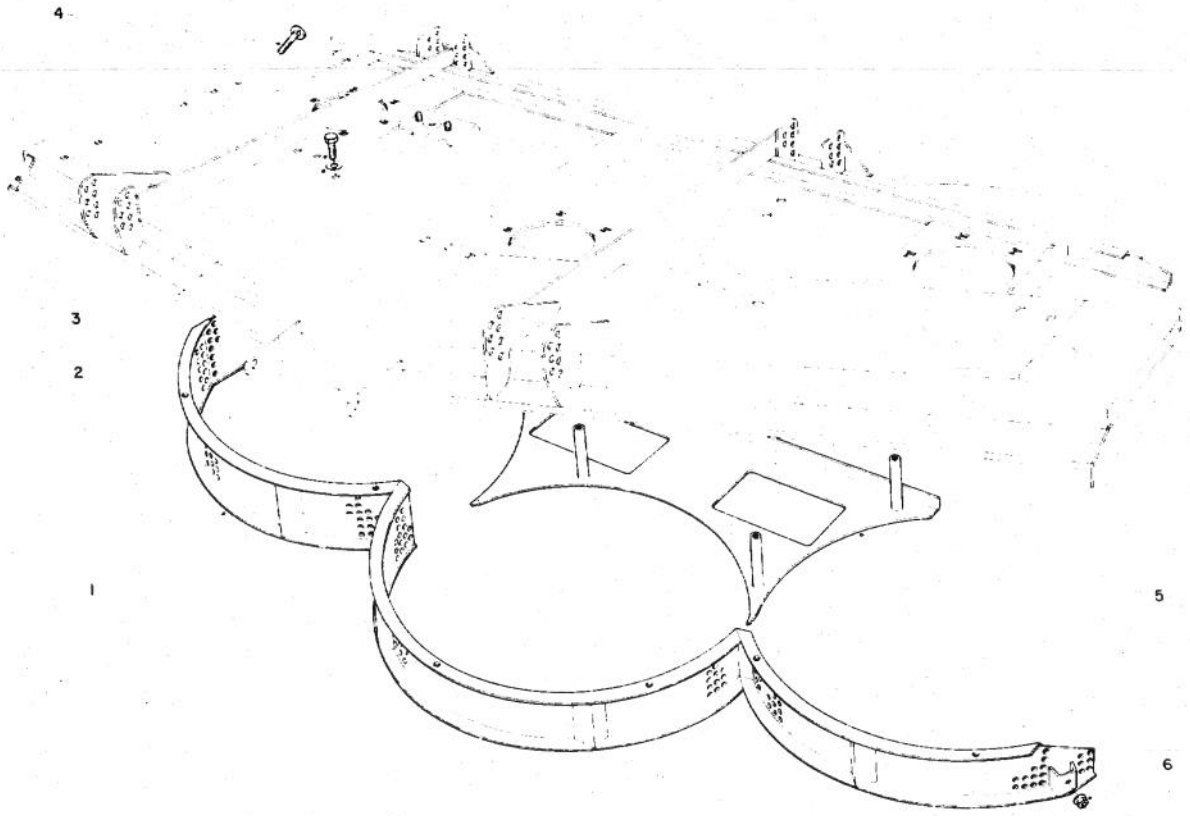


T-0633-89

PHENOLIC WHEEL ASSEMBLY NO. 27-1050 (Optional)

Ref. No.	Part No.	Description	No. Used
1	27-1170	Washer — Thrust	2
2	27-1180	Retainer — Bearing	2
3	27-1210	Bearing — Roller	1
4	68-8980	Bushing — Spanner	1

Ref. No.	Part No.	Description	No. Used
5	27-1190	Wheel — Caster	1
6	27-1200	Bushing — Spanner	1
7	302-55	Fitting — Grease	1



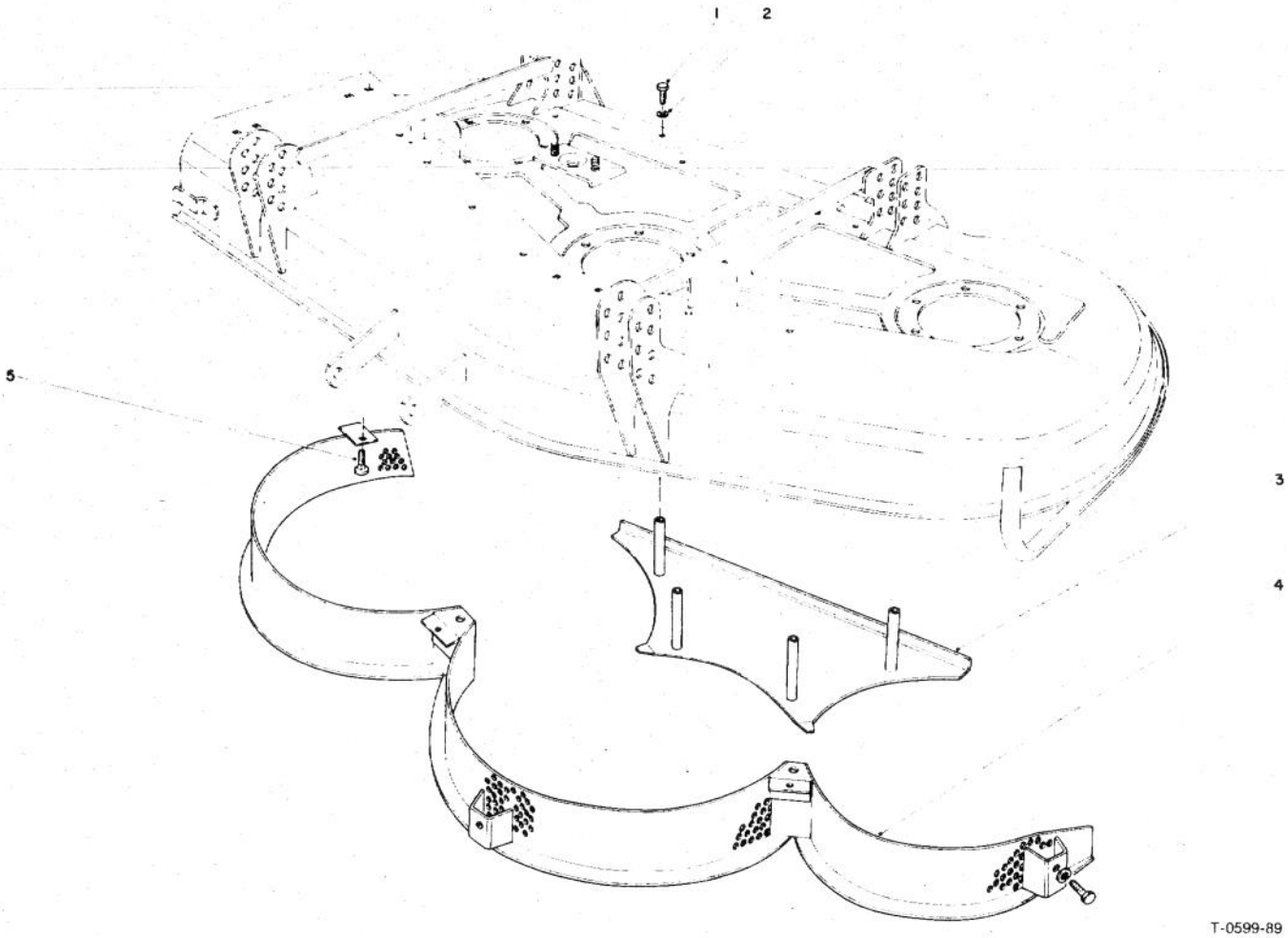
T-0598-89

MULCHER KIT MODEL NO. 30792 (Optional)

(Used With Model 30564 Cutting Unit)

Ref. No.	Part No.	Description	No. Used
1	46-3010	Mulcher Screen	1
2	3253-21	Washer – Lock	10
3	323-4	Capscrew – Hex. Hd.	11

Ref. No.	Part No.	Description	No. Used
4	3230-2	Bolt – Carriage	1
5	46-3150	Shelf – Bottom Rear	1
6	3290-357	Nut – Lock Hex Flange	6



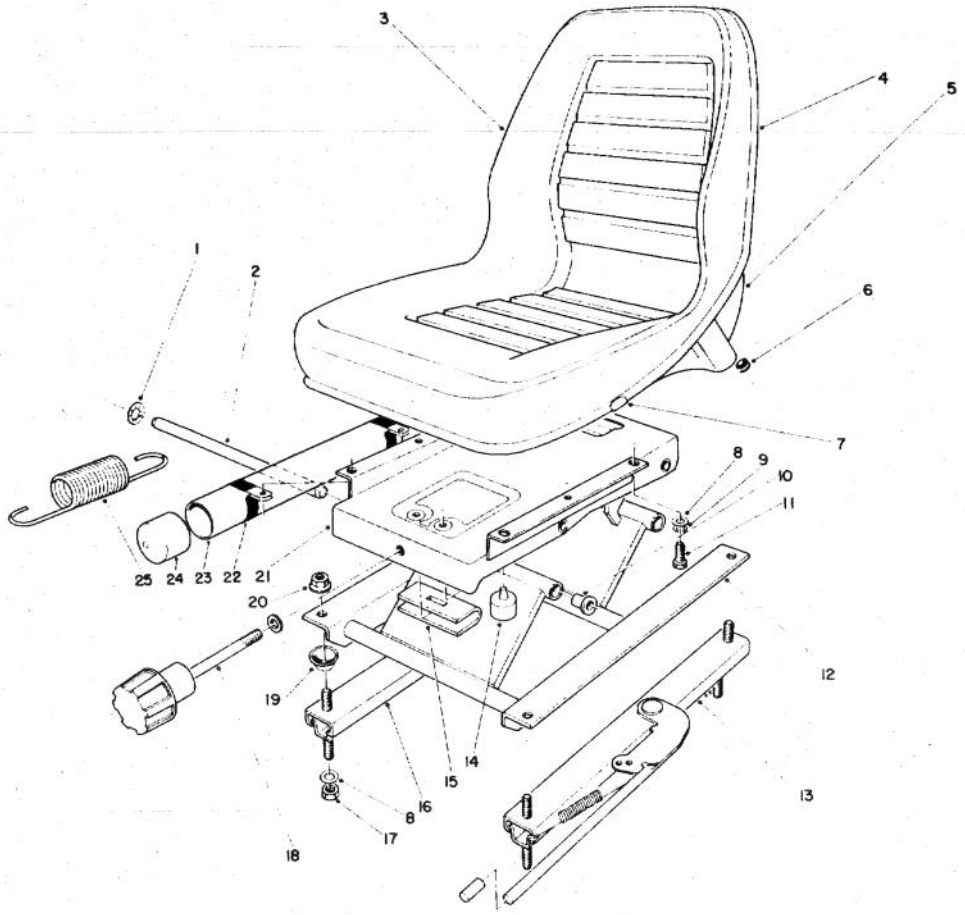
T-0599-89

MULCHER KIT MODEL NO. 30700 (Optional)

(For Cutting Unit Model 30555)

Ref. No.	Part No.	Description	No. Used
1	323-6	Capscrew	8
2	3253-21	Lockwasher	8
3	42-6340	Bottom Rear Shelf	1

Ref. No.	Part No.	Description	No. Used
4	42-6310	Mulcher Screen	1
5	3230-1	Carriage Bolt	1



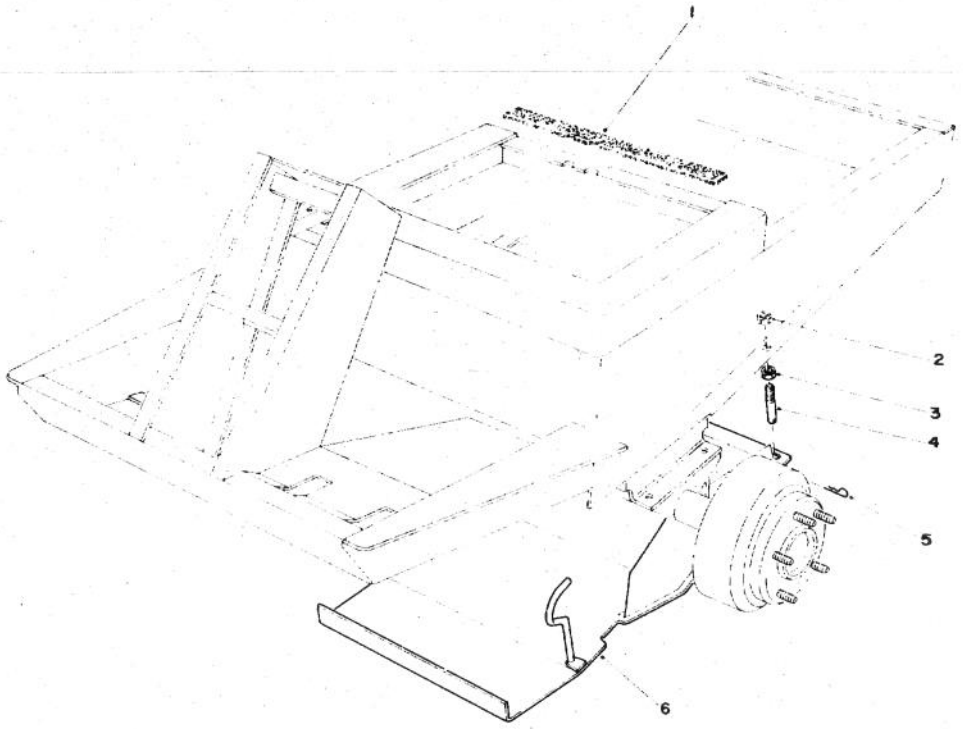
T-0454-89

DELUXE SEAT KIT MODEL NO.30772

Ref. No.	Part No.	Description	No. Used
1	66-8560	Nut — Push	4
2	66-8550	Shaft — Pivot	2
3		Cushion — Seat	1
4		Trim — Seat	1
5		Base — Seat	1
6		Grommet	1
7		Cup	1
8	3256-2	Washer — Flat	8
9	3253-4	Lockwasher	4
10	66-8580	Bearing — Flange	4
11	322-3	Hex Hd. Capscrew	4
12	66-8610	Frame — Lower	1
13	66-8510	Adjuster w/Handle	1
14	66-8520	Bumper — Stop	2

Ref. No.	Part No.	Description	No. Used
15	66-8540	Hanger — Spring	1
16	66-8530	Adjuster	1
17	3296-29	Hex Nut	4
18	66-8590	Knob — Adjustment	1
19	66-9290	Spacer — Suspension	4
20	32128-25	Flange Locknut	4
21	66-8600	Frame — Upper	1
22	2412-102	R-Clamp	2
23	65-5870	Tube — Manual	1
24	65-5890	End Cap	2
25	66-8570	Spring — Extension	2
*	66-5400	Seat Assembly (Incl. Ref. #3-7)	1

*Not Illustrated

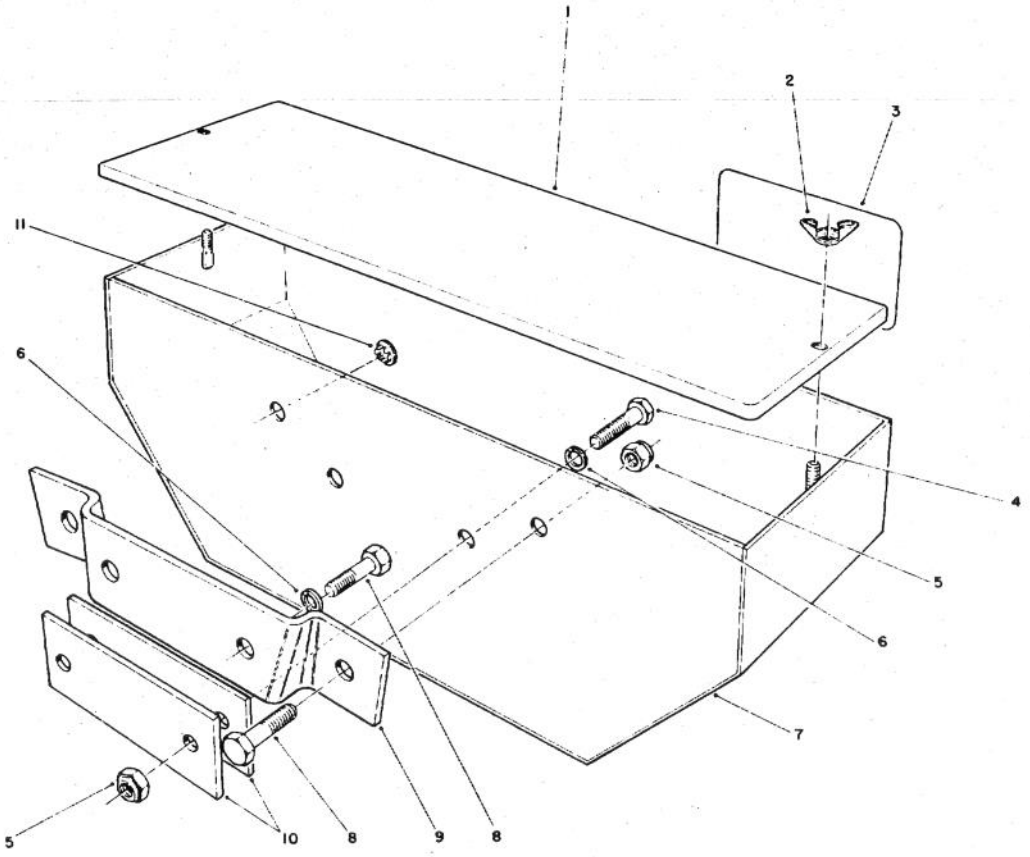


T-0193-88

TRACTOR SHIELD KIT MODEL NO. 30567

Ref. No.	Part No.	Description	No. Used
1	67-9580	Seal — Foam	1
2	3217-9	Hex Nut	2
3	3218-5	Hex Jam Nut	2

Ref. No.	Part No.	Description	No. Used
4	67-9590	Pin — Mounting	2
5	3290-468	Hair Pin Cotter	2
6	67-9610	Shield Assembly	1

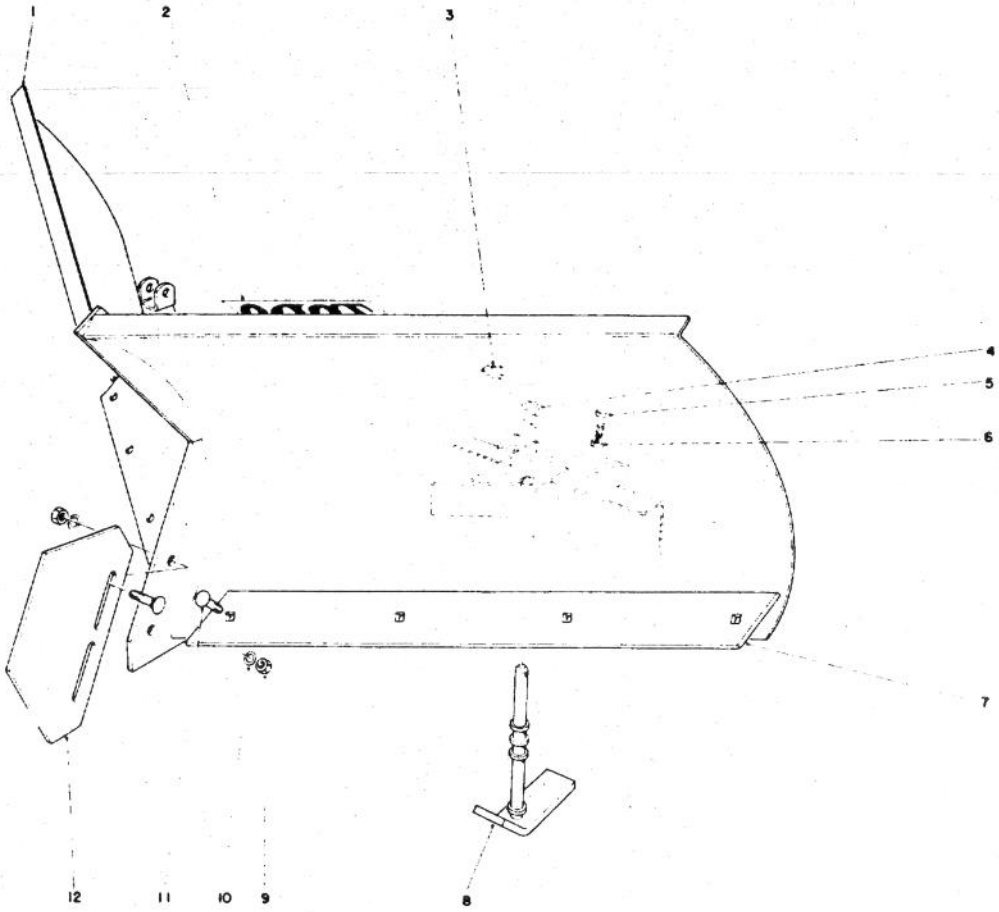


T-0404-89

WEIGHT BOX KIT NO. 62-6590

Ref. No.	Part No.	Description	No. Used
1	61-4130	Cover — Weight Box	1
2	32103-2	Nut — Wing	2
3	43-5110	Decal	1
4	325-7	Capscrew (GM-220, 322D & 327)	2
5	3296-25	Locknut (GM-220 Only)	4
5	3296-25	Locknut (GM-117, 217-D, 220 & 322D)	2
6	3253-7	Lockwasher (GM-117, 217-D & 327)	2

Ref. No.	Part No.	Description	No. Used
7	41-4090	Weight Box	1
8	325-5	Capscrew (GM-117, 217-D & 220)	4
9	61-4140	Bracket (GM-117, 217-D & & 220)	1
10	62-6710	Plate (GM-322D, 327)	2
11	2410-67	Plug	2

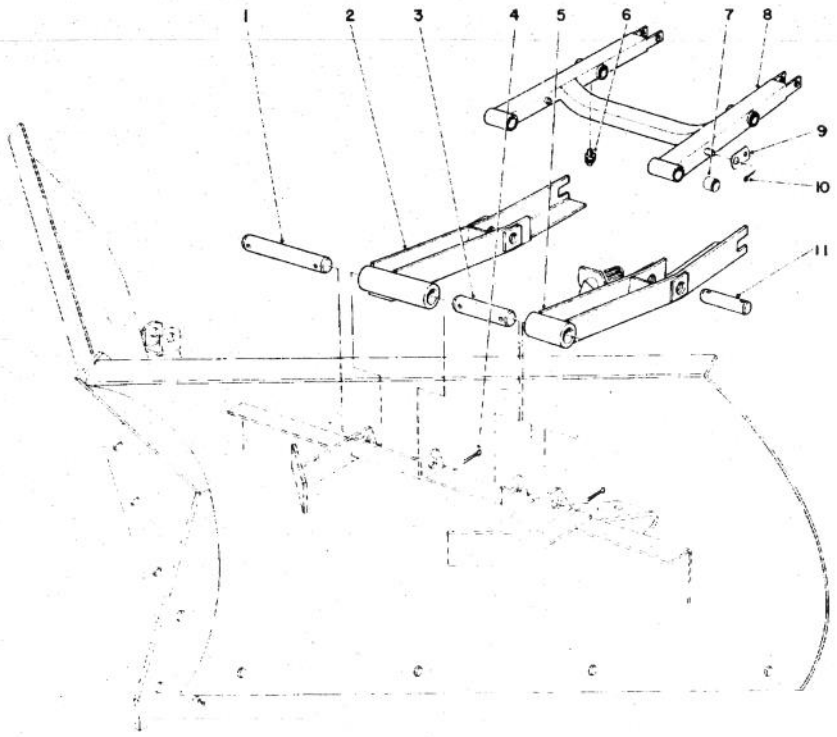


T-0452-89

V-PLOW MODEL NO. 30750 (Optional)

Ref. No.	Part No.	Description	No. Used
1	23-9960	V-Plow	1
2	18-2180	Decal	1
3	3290-243	Lynch Pin	2
4	20-4370	Spacer Tubes	10
5	325-6	Capscrew	1
6	3218-5	Jam Nut	1

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



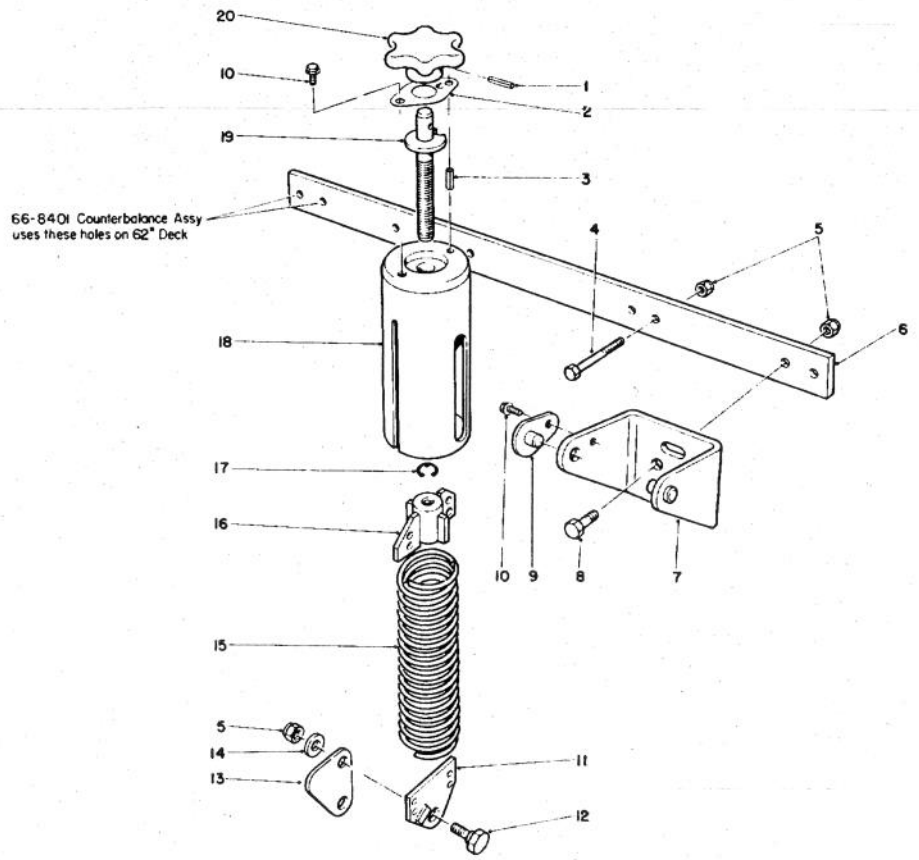
T-0631-89

V-PLOW INSTALLATION KIT MODEL NO. 30755 (Optional)

Ref. No.	Part No.	Description	No. Used
1	28-5490	Pin R.H.	1
2	28-5510	Push Arm R.H.	1
3	25-1350	Pin L.H.	1
4	3272-23	Cotter Pin	8
5	28-5500	Push Arm L.H.	1
6	302-53	Grease Fitting	2

Ref. No.	Part No.	Description	No. Used
7	256-101	Bushing	8
8†	27-4270	Lift Arm (Incl. Ref. #6 & 7)	1
9†	27-5270	Strap Brake Spring	2
10†	3272-12	Cotter Pin	2
11	28-6460	Pin	2
*‡	11-0390	Tire Chains	1

*Pa[illegible] must be ordered separately for mounting V-Plow on Model No. 30790.



T-0600-89

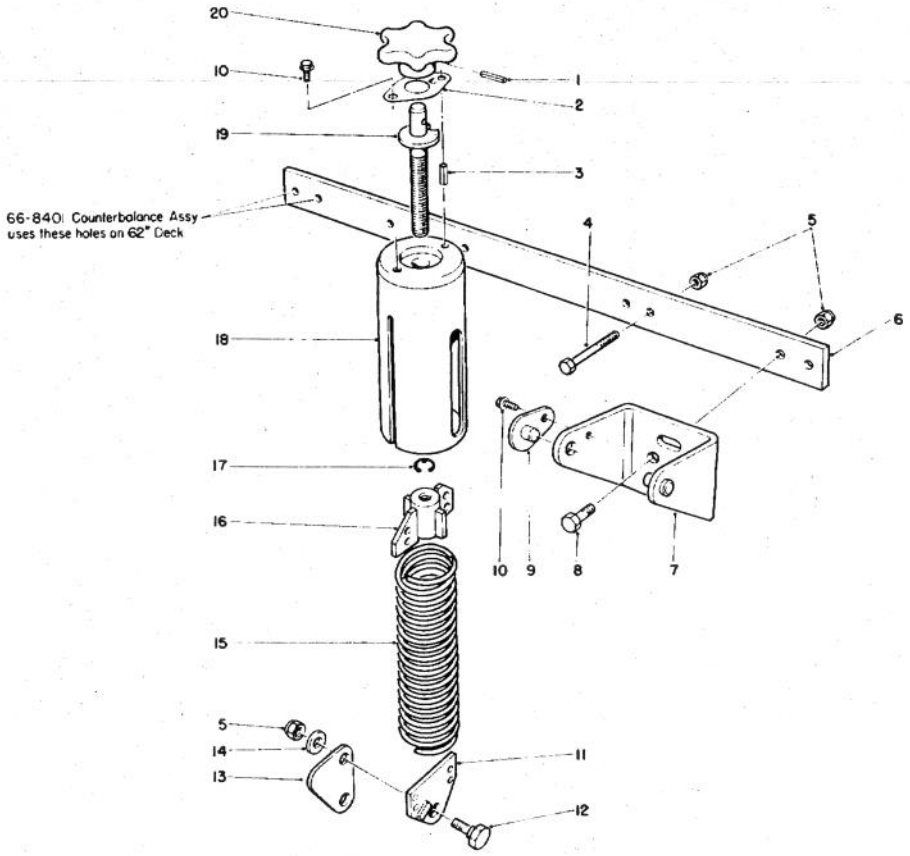
52" WEIGHT TRANSFER MODEL NO. 30702

Ref. No.	Part No.	Description	No. Used
1	32121-12	Roll Pin	1
2	66-8330	Spring — Detent	1
3	32121-13	Roll Pin	1
4	323-11	Screw — Cap Hex Hd.	2
5	3296-39	Nut — Hex	4
6†**	66-8210	Adapter	—
7†	66-8220	Bracket	—
*	66-8470	Bracket	1
8†	323-6	Screw — Cap Hex Hd.	—
9	66-8250	Lockpin	1
10	12-3270	Screw — Self-Tap	2
11	66-8420	Spring End	1
12	46-3380	Bolt — Shoulder	2
13	66-8450	Link — Knee	1

Ref. No.	Part No.	Description	No. Used
*†	66-8440	Link — Knee	—
14	3256-24	Washer — Flat	2
15	66-8310	Spring — Heavy Duty	1
*†	66-8410	Spring — Light Duty	—
16	66-8340	Spring End	1
17	32120-47	E-Ring	1
18	66-8300	Cover Assembly	1
19	66-8270	Shaft	1
20	59-4380	Knob	1
*	66-8400	Counterbalance Assy. (Incl. Ref. #1-3 & 11-20)	1
*†	66-8401	Counterbalance Assy. (Incl. Ref. #1-3 & 11-20)	—

*Not Illustrated

[illegible] Used for 52" Cutting Unit [illegible] on GM-2200



T-0600-89

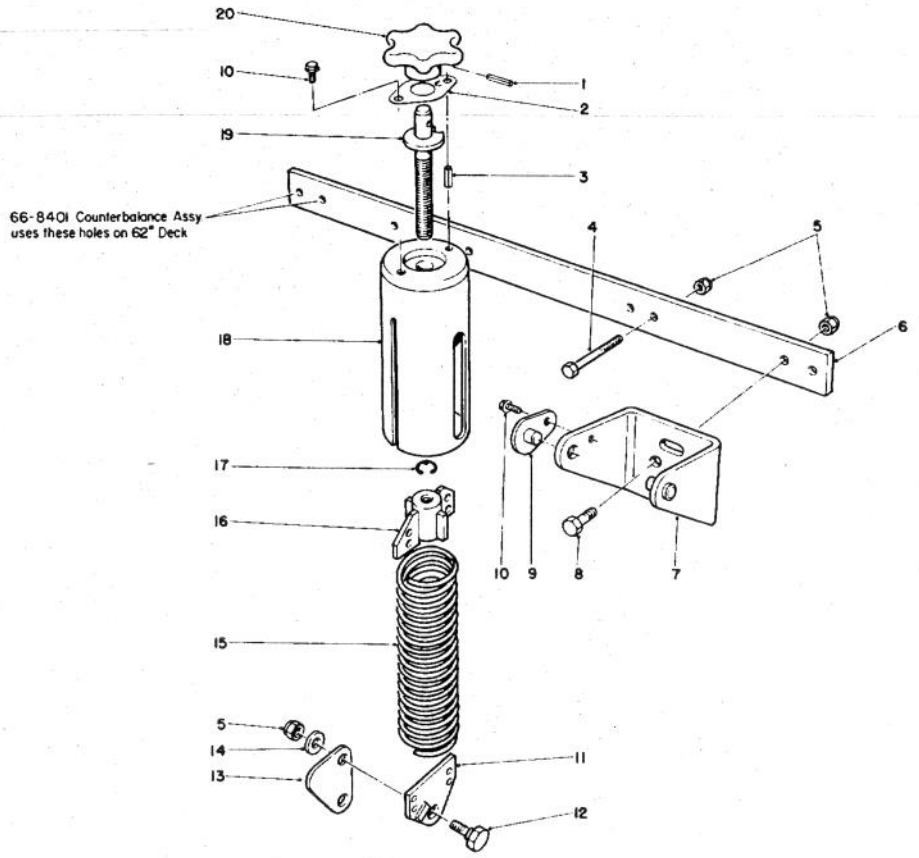
62" WEIGHT TRANSFER MODEL NO. 30703

Ref. No.	Part No.	Description	No. Used
1	32121-12	Roll Pin	2
2	66-8330	Spring — Detent	2
3	32121-13	Roll Pin	2
4	323-11	Screw — Cap Hex Hd.	4
5	3296-39	Nut — Hex	10
6**	66-8210	Adapter	1
7	66-8220	Bracket	2
*†	66-8470	Bracket	—
8	323-6	Screw — Cap Hex Hd.	4
9	66-8250	Lockpin	2
10	12-3270	Screw — Self-Tap	4
11	66-8420	Spring End	2
12	46-3380	Bolt — Shoulder	2
13†	66-8450	Link — Knee	—

Ref. No.	Part No.	Description	No. Used
*	66-8440	Link — Knee	2
14	3256-24	Washer — Flat	2
15	66-8310	Spring — Heavy Duty	1
*	66-8410	Spring — Light Duty	1
16	66-8340	Spring End	1
17	32120-47	E-Ring	2
18	66-8300	Cover Assembly	2
19	66-8270	Shaft	2
20	59-4380	Knob	2
*	66-8400	Counterbalance Assy. (Incl. Ref. #1-3 & 11-20)	1
*	66-8401	Counterbalance Assy. (Incl. Ref. #1-3 & 11-20)	1

*Not Illustrated

†Not Used for 62" Cutting Unit



T-0600-89

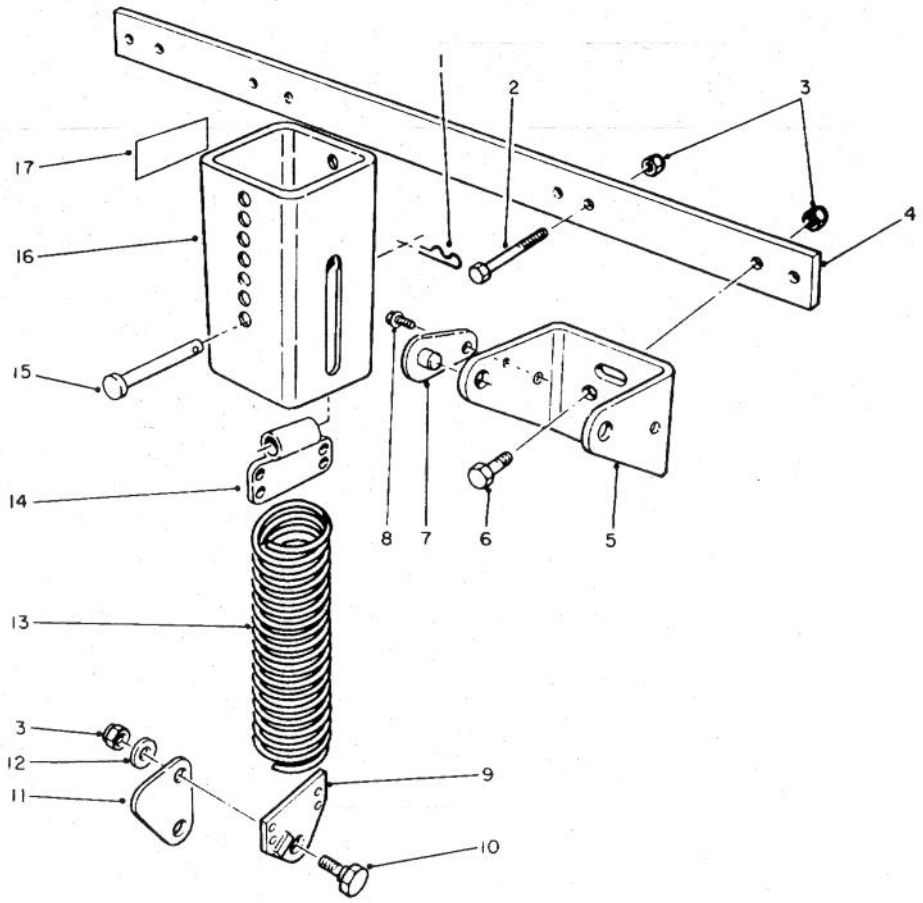
72" WEIGHT TRANSFER MODEL NO. 30704

Ref. No.	Part No.	Description	No. Used
1	32121-12	Roll Pin	2
2	66-8330	Spring — Detent	2
3	32121-13	Roll Pin	2
4	323-11	Screw — Cap Hex Hd.	4
5	3296-39	Nut — Hex	10
6**	66-8210	Adapter	1
7	66-8220	Bracket	2
*†	66-8470	Bracket	—
8	323-6	Screw — Cap Hex Hd.	4
9	66-8250	Lockpin	2
10	12-3270	Screw — Self-Tap	4
11	66-8420	Spring End	2
12	46-3380	Bolt — Shoulder	2
13†	66-8450	Link — Knee	—

Ref. No.	Part No.	Description	No. Used
*	66-8440	Link — Knee	2
14	3256-24	Washer — Flat	2
15	66-8310	Spring — Heavy Duty	2
*†	66-8410	Spring — Light Duty	—
16	66-8340	Spring End	2
17	32120-47	E-Ring	2
18	66-8300	Cover Assembly	2
19	66-8270	Shaft	2
20	59-4380	Knob	2
*	66-8400	Counterbalance Assy. (Incl. Ref. #1-3 & 11-20)	2
*†	66-8401	Counterbalance Assy. (Incl. Ref. #1-3 & 11-20)	—

*Not Illustrated

**Not used for 72" Cutting Unit



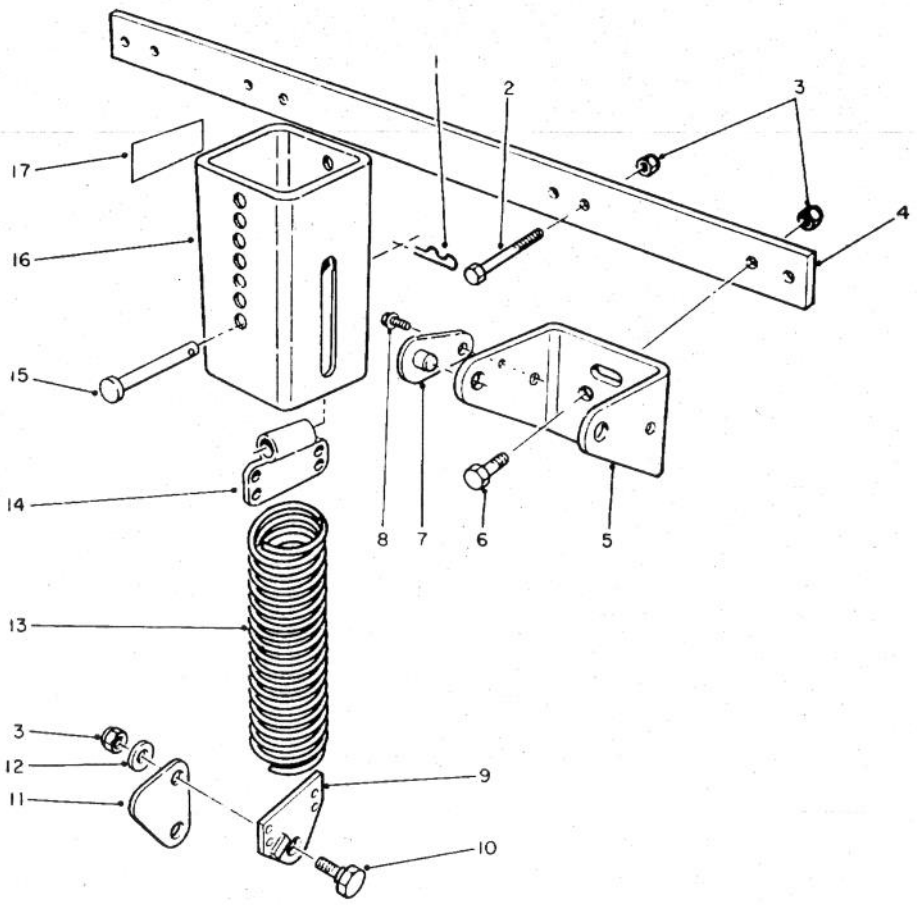
T-0632-89

52" COUNTER BALANCE KIT MODEL NO. 30712

Ref. No.	Part No.	Description	No. Used
1	3290-355	Hair Pin Cotter	2
2	323-11	Capscrew — Hex. Hd.	2
3	3296-39	Nut — Hex	4
4†	66-8210	Adapter	1
5	66-8460	Bracket — Mounting	1
6	323-6	Capscrew — Hex. Hd.	2
7	70-7920	Lock Pin Assembly	2
8	12-3270	Screw — Self Tapping	2
9	66-8420	End Spring	1

Ref. No.	Part No.	Description	No. Used
10	46-3380	Bolt — Shoulder	2
11	66-8450	Link — Knee	1
12	3256-24	Washer — Flat	2
13	66-8390	Spring — Extension	1
14	66-7940	End Spring	1
15	283-69	Pin — Clevis	1
16	70-7970	Spring Cover Assembly	1
17	55-4300	Decal Caution	2

†Not used on 52" Cutting Unit



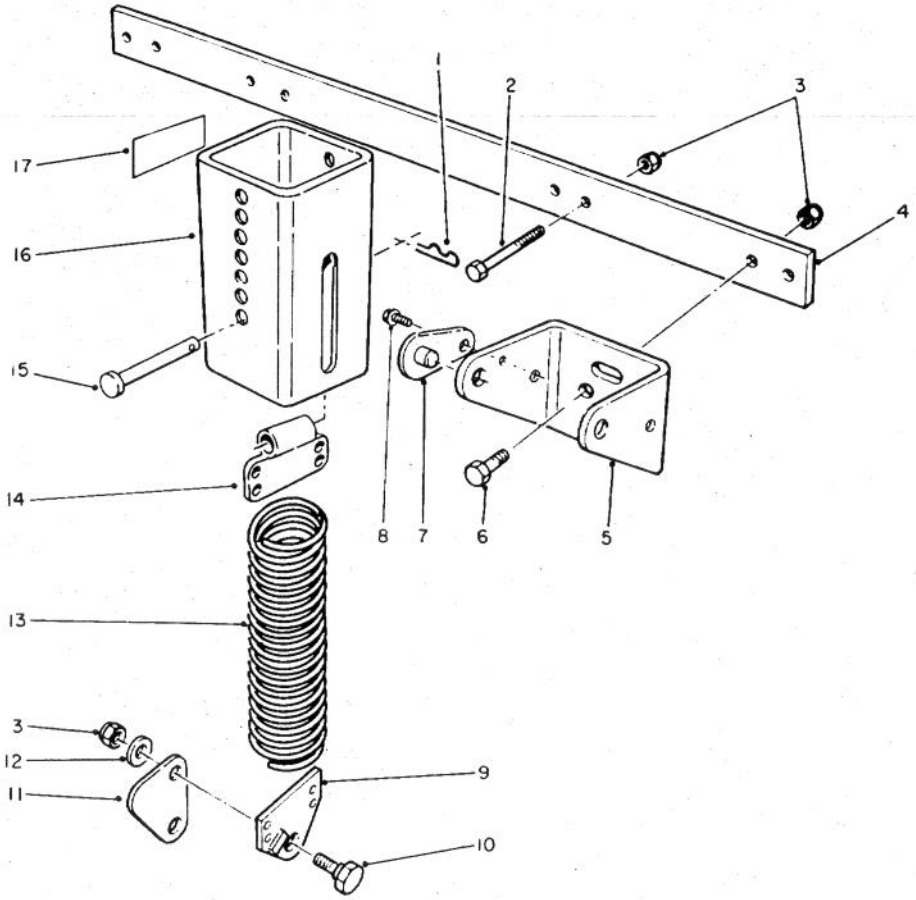
T-0632-89

62" COUNTER BALANCE KIT MODEL NO. 30713

Ref. No.	Part No.	Description	No. Used
1	3290-355	Hair Pin Cotter	2
2	323-11	Capscrew — Hex. Hd.	4
3	3296-39	Nut — Hex	12
4	66-8210	Adapter	1
5	66-8230	Bracket — Mounting	2
6	323-6	Capscrew — Hex. Hd.	4
7	70-7920	Lock Pin Assembly	4
8	12-3270	Screw — Self Tapping	4
9	66-8420	End Spring	2
10	46-3380	Bolt — Shoulder	4

Ref. No.	Part No.	Description	No. Used
11	66-8440	Link — Knee	2
12	3256-24	Washer — Flat	4
13	66-8410	Spring — Extension (Light Duty)	1
*	66-8390	Spring — Extension (Heavy Duty)	1
14	70-7940	End Spring	2
15	283-69	Pin — Clevis	2
16	70-7970	Spring Cover Assembly	2
17	55-4300	Decal Caution	4

*Not Illustrated.

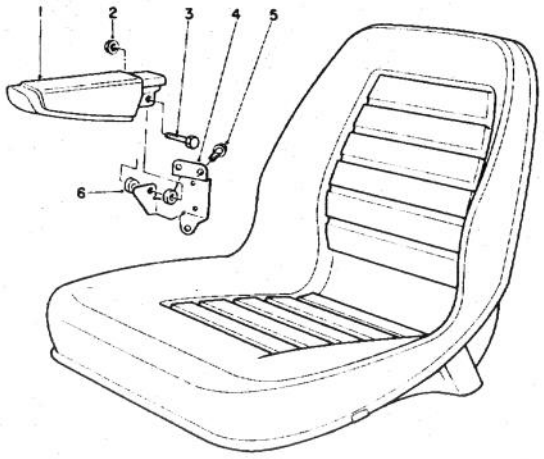


T-0632-89

72" COUNTER BALANCE KIT MODEL NO. 30714

Ref. No.	Part No.	Description	No. Used
1	3290-355	Hair Pin Cotter	2
2	323-11	Capscrew — Hex. Hd.	4
3	3296-39	Nut — Hex	12
4	66-8210	Adapter	1
5	66-8230	Bracket — Mounting	2
6	323-6	Capscrew — Hex. Hd.	4
7	70-7920	Lock Pin Assembly	4
8	12-3270	Screw — Self Tapping	4
9	66-8420	End Spring	2

Ref. No.	Part No.	Description	No. Used
10	46-3380	Bolt — Shoulder	4
11	66-8440	Link — Knee	2
12	3256-24	Washer — Flat	4
13	66-8390	Spring — Extension	2
14	70-7940	End Spring	2
15	283-69	Pin — Clevis	2
16	70-7970	Spring Cover Assembly	2
17	55-4300	Decal Caution	4



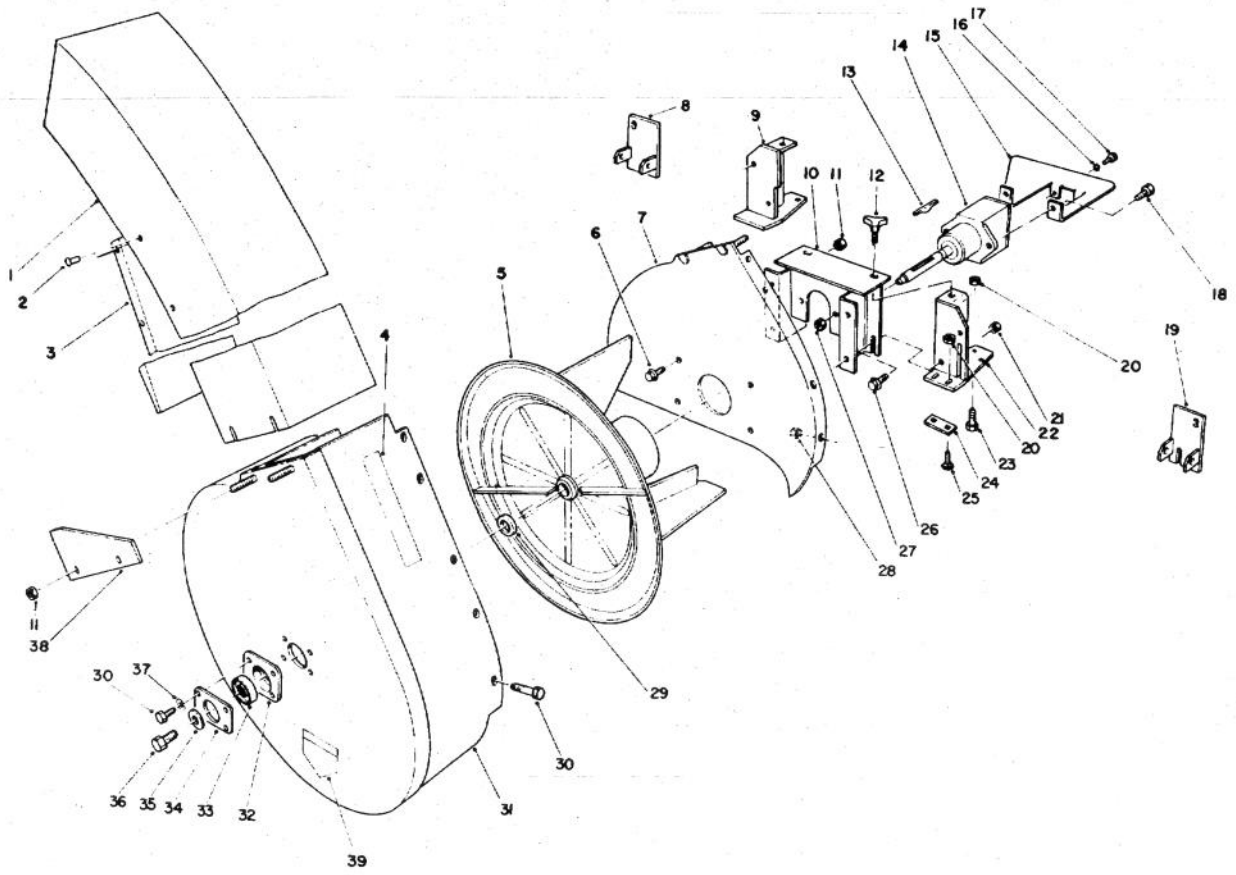
T-0634-89

ARMREST KIT MODEL NO. 30707

Ref. No.	Part No.	Description	No. Used
1	69-1180	Armrest	2
2	32128-19	Flange Locknut	2
3	323-9	Hex Hd. Capscrew	2
4	69-0770	Bracket — R.H. Arm	1

Ref. No.	Part No.	Description	No. Used
*	69-0760	Bracket — L.H. Arm	1
5	3234-14	Hex Flange Capscrew	6
6	69-1260	Spacer	4

*Not Illustrated

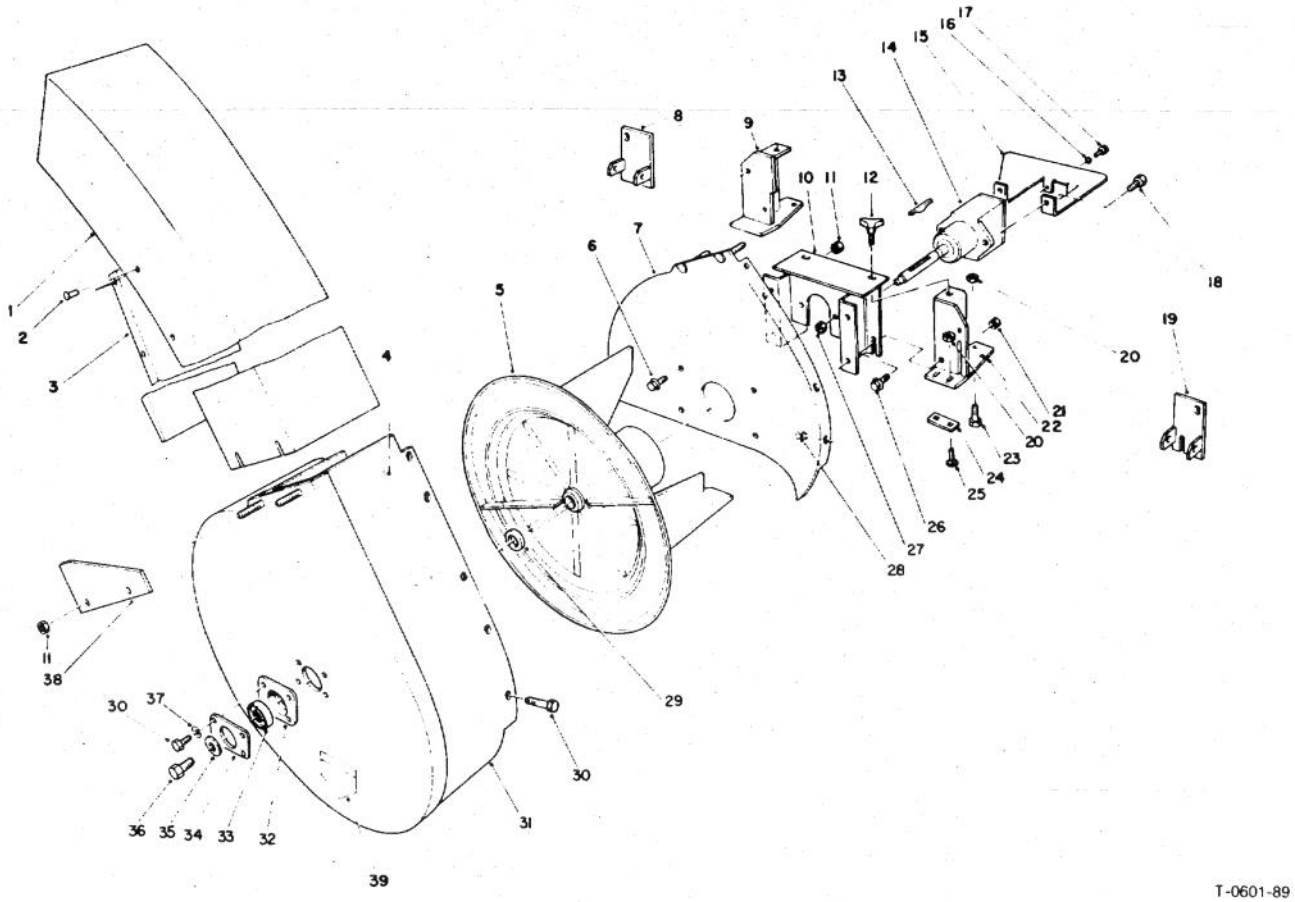


T-0601-89

GRASS COLLECTOR MODEL 30561 (Optional)

Ref. No.	Part No.	Description	No. Used
1	44-5300	Chute Assembly (Incl. Ref. #2 & 3)	1
2	3290-409	Rivet	8
3		Deflector — Chute	1
4	43-1110	Decal — Warning	1
5	56-4780	Impeller	1
6	3234-5	Screw — Flange	4
7	59-5070	Mounting Plate	1
8	59-4980	Pivot Bracket — Deflector L.H.	1
9	59-5050	Bracket L.H.	1
10	59-5140	Blower Mount	1
11	3296-29	Nut	8
12	62-6520	Knob	2
13	3257-40	Key — Hi Pro	1
14	53-4530	Gear Box Assembly	1

Ref. No.	Part No.	Description	No. Used
15	59-5150	Cover — Gear Box	1
16	3255-17	Lockwasher	2
17	3290-134	Capscrew	2
18	323-7	Capscrew	2
19	59-5000	Pivot Bracket — Deflector R.H.	1
20	32152-1	Locknut	6
21	3218-3	Nut — Jam	2
22	59-5090	Bracket R.H.	1
23	322-3	Capscrew	2
24	44-5460	Plate Bracket L.H.	2
25	3230-1	Bolt — Carriage	4
26	3234-11	Screw Flange	2
27	3296-44	Nut	2
28	3296-42	Nut	9
29	63-9710	Spacer — Bearing	1

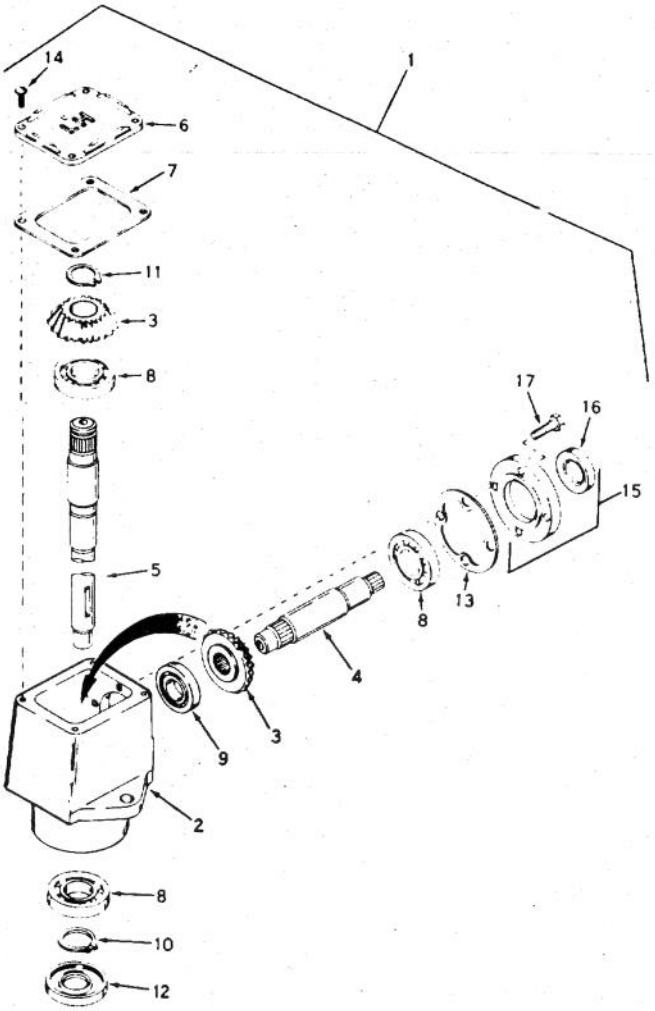


T-0601-89

GRASS COLLECTOR MODEL 30561 (Optional)(Continued)

Ref. No.	Part No.	Description	No. Used
30	321-3	Capscrew	13
31	13-0269	Blower Housing (Incl. Ref. #4)	1
32	37-6730	Cup-Bearing	1
33	38-7820	Bearing — Ball	1
34	63-9700	Plate Cover	1

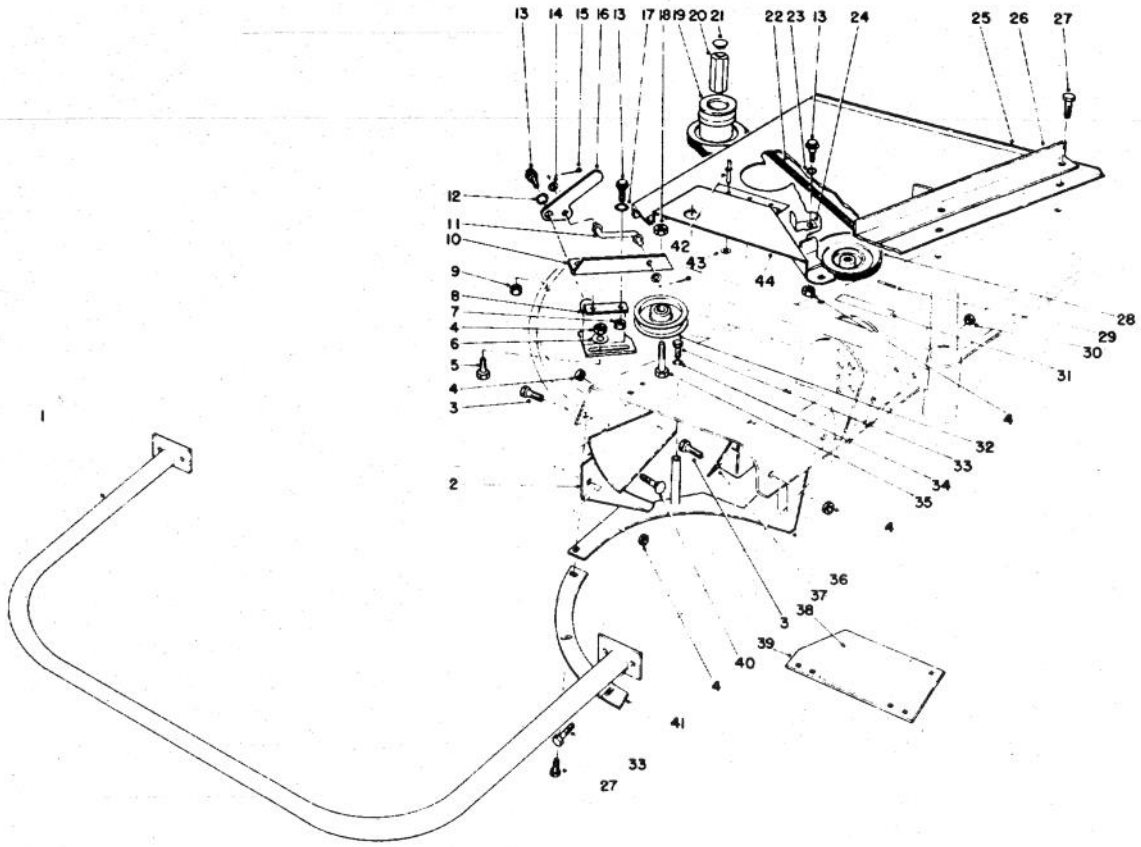
Ref. No.	Part No.	Description	No. Used
35	43-0940	Spacer — Blower Hub	1
36	3235-22	Capscrew	1
37	3253-3	Lockwasher	4
38	43-0960	Bracket — Chute	1
39	43-8480	Decal — Danger	1



GRASS COLLECTOR MODEL 30561 (Optional)(Continued)

Ref. No.	Part No.	Description	No. Used
1	794402	Head Assy., Left Hand (Incl. Ref. #2-15)	1
2	770026A	Housing, Right Angle Drive	1
3	778046	Gear, Miter	2
4	776250	Shaft, Input	1
5	776249	Shaft, Output	1
6	772035	Cover	1
7	788028	Gasket, Cover	1
8	780034	Bearing, Ball	3
9	780024	Bearing, Ball	1

Ref. No.	Part No.	Description	No. Used
10	788019	Ring, Snap	1
11	788018	Ring, Snap	1
12	788029	Seal, Oil	1
13	788030	Gasket, Cap	1
14	792025	Screw, Rd. Hd. Self-Tap	4
15	786029	Cap & Seal Assy., Retainer (Incl. Ref. #16 & 17)	1
16	788031	Seal, Oil	1
17	792026	Screw, Hex. Hd.	4



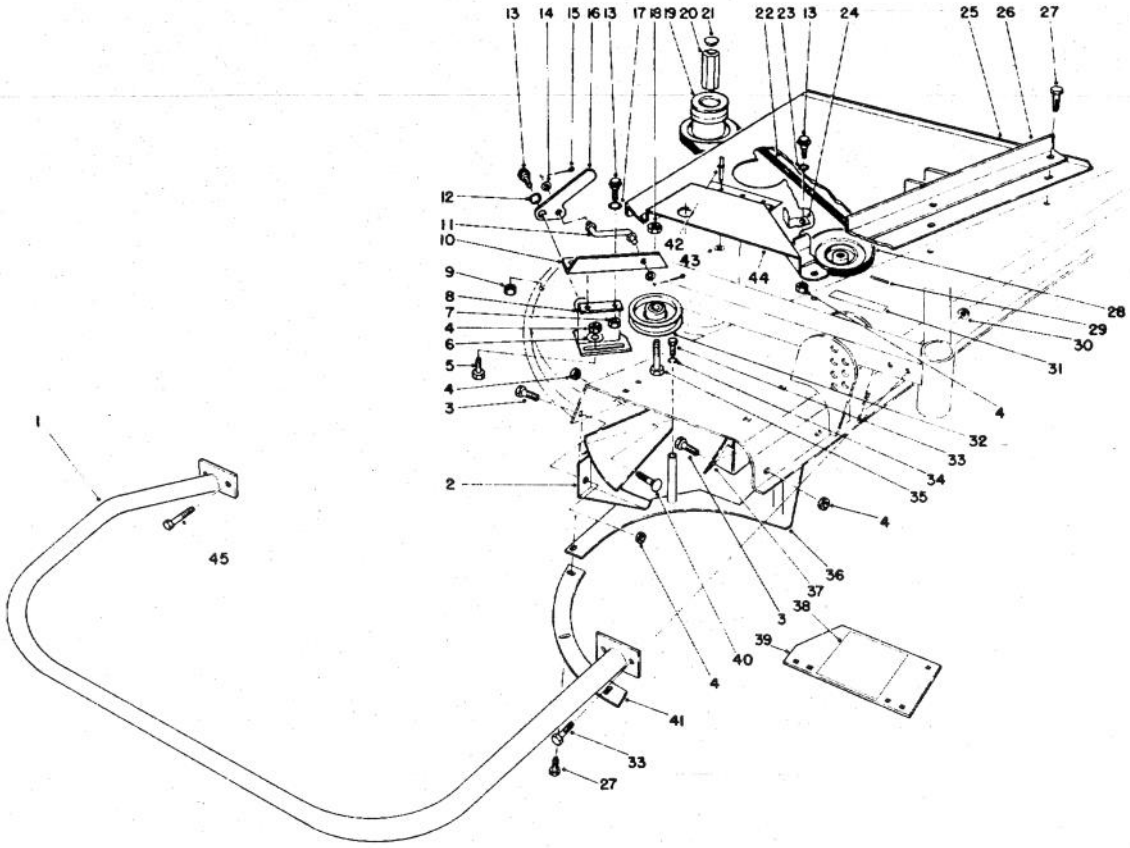
T-0624-89

GRASS COLLECTOR MODEL 30561 (Optional) (Continued)
USED ON UNITS WITH SERIAL NO. 90001 THRU 90200

Ref. No.	Part No.	Description	No. Used
1	44-7570	Bumper	1
2	43-1060	Deflector — Rear	1
3	322-4	Screw — Hex. Hd.	4
4	32152-1	Nut — Lock	10
5	322-3	Screw Hex. Hd.	3
6	3256-56	Washer — Plain	3
7	3296-29	Nut — Hex	2
8	59-4920	Bracket — Idler Mounting	1
9	32152-4	Nut — Lock	4
10	59-4930	Slide — Idler	1
11	59-4940	Idler Rod	1
12	3290-211	Washer — Spring	1
13	19-1470	Bolt — Shoulder	4
14	3256-23	Washer — Plain	2
15	3272-6	Pin — Cotter	2
16	56-4900	Lever — Idler	1
17	23-1120	Washer — Flat	2
18	3296-44	Nut — Hex	1
19	59-5170	Pulley (Splined)	1
20	59-5190	Nut — Pulley	1
21	59-5310	Cover — Nut	1
22	59-5270	V-Belt	1
23	3290-211	Washer — Spring	1

Ref. No.	Part No.	Description	No. Used
24	59-5290	Latch	1
25	59-5280	Cover — Right	1
26	66-8790	Spring Bracket	1
27	321-4	Capscrew	7
28	56-4810	Pulley — Gear Box	1
29	32121-8	Pin — Roll	1
30	32152-2	Nut — Lock	4
31	43-1120	Decal — Warning	1
32	56-4920	Pulley — Idler	1
33	323-6	Capscrew	8
34	3253-21	Washer — Lock	4
35	323-7	Screw — Hex. Hd.	1
36	44-7770	Rear Shelf	1
37	67-7540	Front — Deflector	1
38	40-5730	Decal — Caution	1
39	44-5750	Cover Plate Assembly (Incl. Ref. #38)	1
40	3230-1	Carriage Bolt	2
41	44-7780	Shelf R.H.	1
42	3290-409	Rivet — Pop	3
43	3256-21	Washer	3
44	61-8630	Cover Pulley	1
*	44-5480	Blade — High Sail (18") (Opt)	1

*Not Illustrated



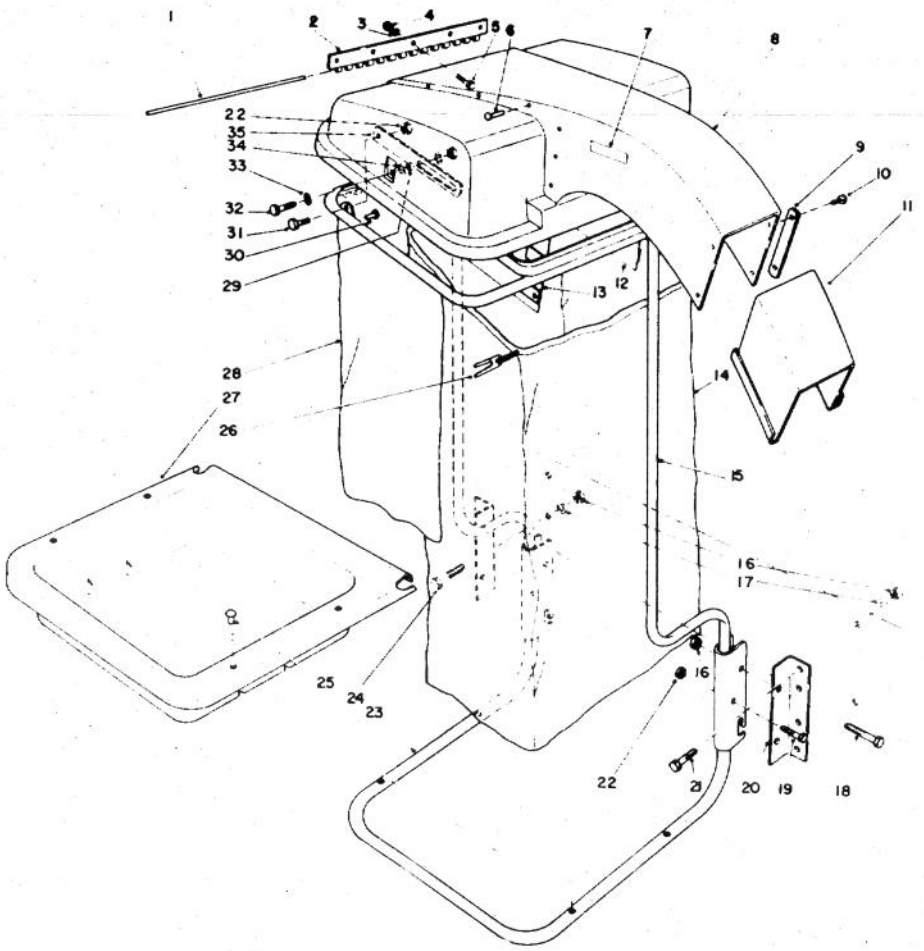
T-0602-89

GRASS COLLECTOR MODEL 30561 (Optional) (Continued)
(USED ON UNITS WITH SERIAL NO. 90501 & UP)

Ref. No.	Part No.	Description	No. Used
1	70-8050	Bumper	1
2	43-1060	Deflector — Rear	1
3	322-4	Screw — Hex. Hd.	4
4	32152-1	Nut — Lock	10
5	322-3	Screw Hex. Hd.	3
6	3256-56	Washer — Plain	3
7	3296-29	Nut — Hex	2
8	59-4920	Bracket — Idler Mounting	1
9	32152-4	Nut — Lock	4
10	59-4930	Slide — Idler	1
11	59-4940	Idler Rod	1
12	3290-211	Washer — Spring	1
13	19-1470	Bolt — Shoulder	4
14	3256-23	Washer — Plain	2
15	3272-6	Pin — Cotter	2
16	56-4900	Lever — Idler	1
17	23-1120	Washer — Flat	2
18	3296-44	Nut — Hex	1
19	59-5170	Pulley (Splined)	1
20	59-5190	Nut — Pulley	1
21	59-5310	Cover — Nut	1
22	59-5270	V-Belt	1
23	3290-211	Washer — Spring	1
24	59-5290	Latch	1

Ref. No.	Part No.	Description	No. Used
25	59-5280	Cover — Right	1
26	66-8790	Spring Bracket	1
27	321-4	Capscrew	7
28	56-4810	Pulley — Gear Box	1
29	32121-8	Pin — Roll	1
30	32128-43	Nut — Lock	2
31	43-1120	Decal — Warning	1
32	56-4920	Pulley — Idler	1
33	323-6	Capscrew	6
34	3253-21	Washer — Lock	4
35	323-7	Screw — Hex. Hd.	1
36	44-7770	Rear Shelf	1
37	67-7540	Front — Deflector	1
38	40-5730	Decal — Caution	1
39	44-5750	Cover Plate Assembly (Incl. Ref. #38)	1
40	3230-1	Carriage Bolt	2
41	44-7780	Shelf R.H.	1
42	3290-409	Rivet — Pop	3
43	3256-21	Washer	3
44	61-8630	Cover Pulley	1
45	325-8	Hex. Hd. Capscrew	2
*	44-5480	Blade — High Sail (18") (Opt.)	1

*Not Illustrated



T-0603-89

GRASS COLLECTOR MODEL 30561 (Optional)(Continued)

Ref. No.	Part No.	Description	No. Used
1	43-1000	Hinge Pin — Hood	1
2	43-0610	Hinge Half	1
3	3256-14	Washer — Flat	5
4	3296-2	Nut — Lock	5
5	3290-134	Screw — Machine Hex. Hd.	5
6	3290-412	Rivet — Pop	14
7	43-1100	Decal — Caution	2
8	67-7110	Hood Assembly (Incl. Ref. #2-7 & 12-13)	1
9	67-1730	Nut Plate	1
10	3274-31	Button Head Screw	1
11	67-1740	Snout Extension	1
12	43-0600	Screen — Left Hand	1
13	43-0570	Screen — Right Hand	1
14	43-0990	Bag — Cloth 32" (7 bushel capacity)	1
*	43-0980	Bag — Cloth 38" (10 bushel capacity) (Optional)	1
15	67-7500	Support Tube Assembly — (Upper (Incl. Ref. #25 & 28)	1
16	32152-2	Nut — Lock	12

Ref. No.	Part No.	Description	No. Used
17	3256-3	Washer — Plain	8
18	323-11	Screw — Cap Hex. Hd.	4
19	322-11	Screw — Cap Hex. Hd.	2
20	43-1010	Bracket — Frame	4
21	323-7	Screw — Cap Hex. Hd.	7
22	32152-1	Nut — Lock	6
23	43-0720	Support Tube Assembly — Lower (Incl. Ref. #25 & 27)	1
24	323-10	Screw — Cap Hex. Hd.	1
25	3290-409	Rivet — Pop	21
26	3-2781	Cord Retainer	1
*†	36-7770	Cord Retainer (optional)	1
27		Tray — Lower	1
28		Skirt — Bagging Frame	1
29	43-1020	Spacer — Pivot Arm	2
30	322-3	Screw — Hex. Hd.	2
31	322-4	Screw — Hex. Hd.	2
32	3256-56	Washer — Flat	2
33	3256-57	Washer — Fender	4
34	43-1050	Stop — Hood	2
*	44-9720	Template — Bracket	1

*Not Illustrated

†For use with 30 gallon plastic bag