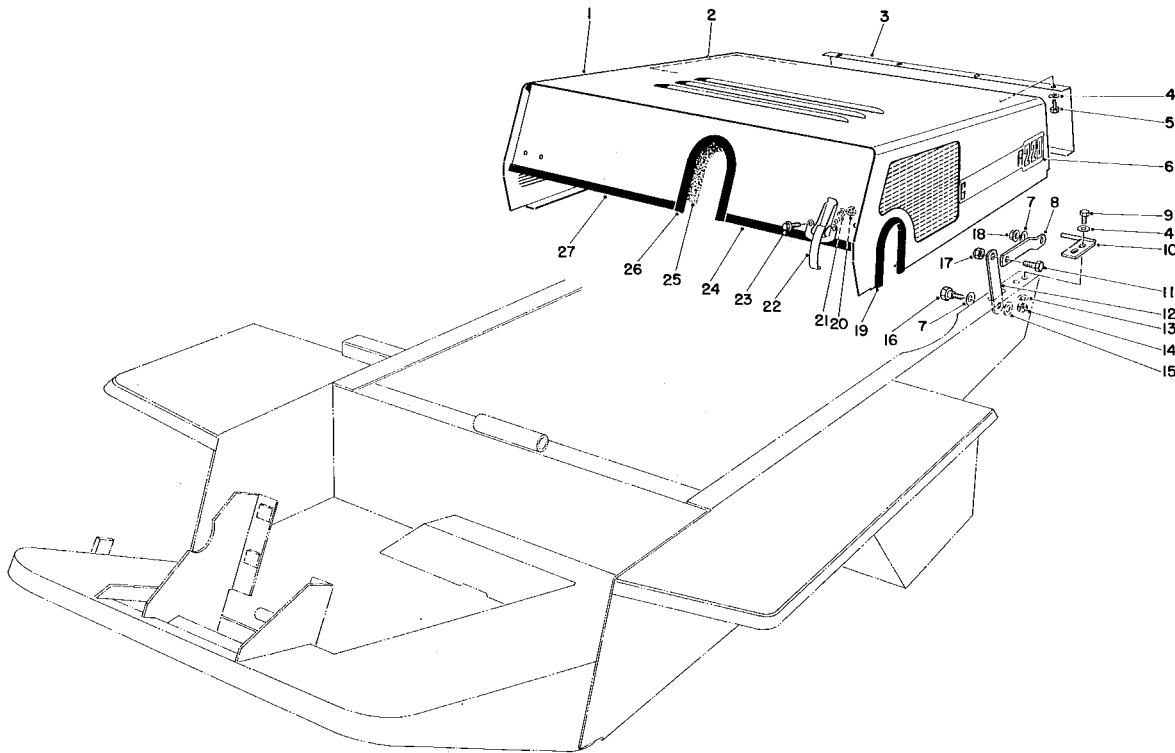




MODEL NO. 30790 — 60001 & UP
 MODEL NO. 30562 — 60001 & UP
 MODEL NO. 30555 — 60001 & UP
 MODEL NO. 30568 — 60001 & UP

PARTS CATALOG

GROUNDMASTER® 220

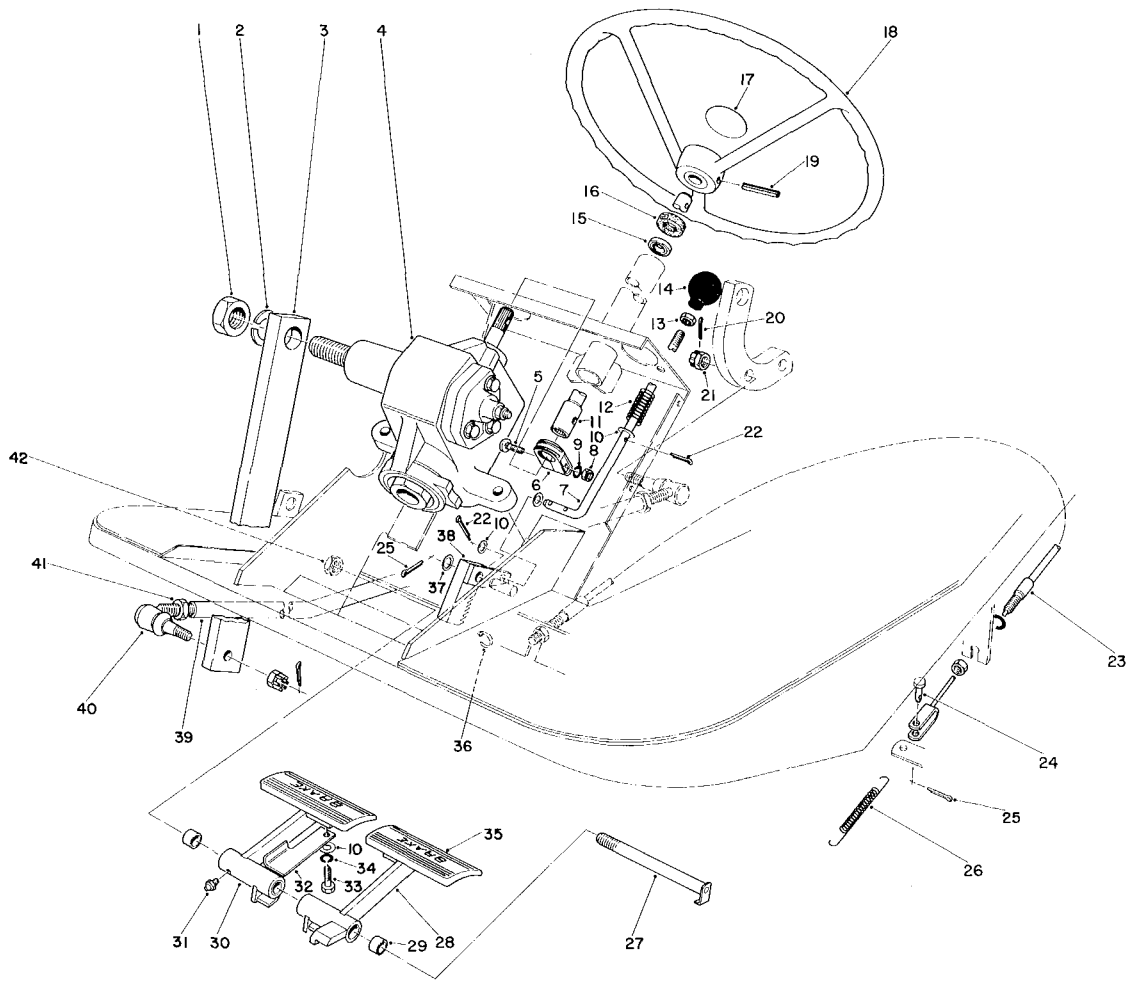


HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	44-9180	Hood	1
2	44-9040	Foam Strip — Hood (Rear)	1
3	44-8830	Grille — Rear Panel	1
4	3256-22	Washer	12
5	32140-16	Screw — Self Tapping Hex. Hd.	8
6	52-1470	Decal — Groundmaster 220	2
7	3290-211	Washer — Lock Spring	4
8	27-6800	Link — Hood	2
9	321-4	Capscrew	4
10	27-4830	Pivot Pin L.H.	1
*	27-4800	Pivot Pin R.H.	1
11	3211-27	Screw — Cap Hex Hd.	2
12	27-6810	Tie — Hood	2
13	3253-3	Washer — Lock Spring	4
14	3217-5	Nut — Hex	4

Ref. No.	Part No.	Description	No. Used
15	4-2390	Washer	2
16	19-1470	Shoulder Screw	2
17	3296-5	Nut — Lock	2
18	32128-19	Nut — Flange	2
19	44-9190	Hood Trim	1
20	3217-26	Nut — Hex	4
21	3253-17	Washer — Lock	4
22	249-21	Latch	2
23	3290-144	Screw — Machine Hex Slotted Hd.	4
24	46-3320	Hood Trim	1
25	44-9030	Foam Strip — Hood (Front)	1
26	38-4070	Hood Trim	1
27	38-4080	Hood Trim	1

*Not Illustrated

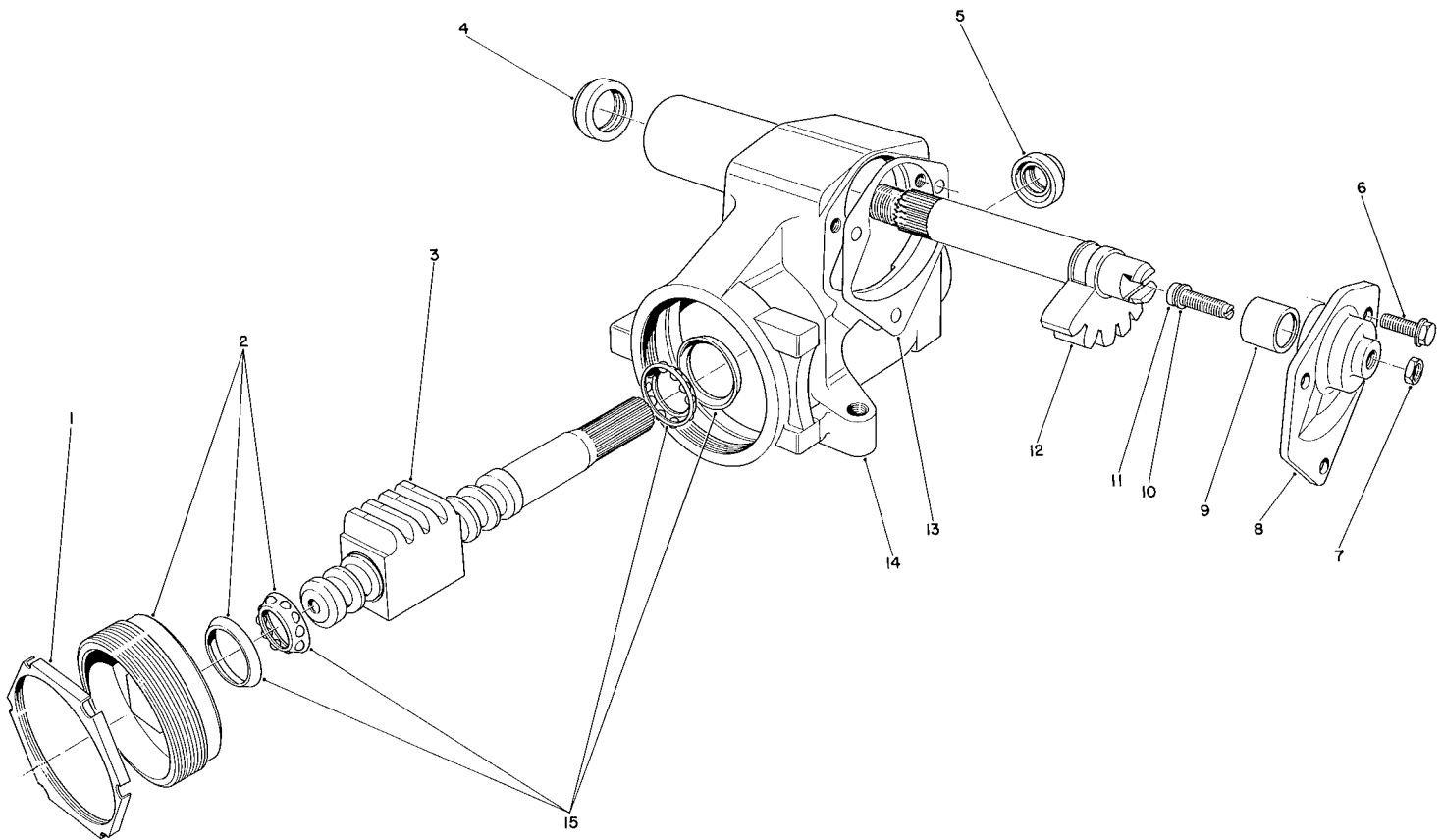


PEDALS AND STEERING WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3220-8	Nut	1
2	3253-28	Lockwasher	1
3	41-8880	Arm – Gear Box	1
4	41-8820	Steering Gear Assembly (Incl. Ref. #1 & 2)	1
5	3232-16	Bolt – Carriage	1
6	41-8830	Clamp – Coupling	1
7	27-3550	Rod – Brake Latch	1
8	3217-8	Nut – Hex	1
9	3253-6	Washer – Lock, Spring	1
10	3256-22	Washer – Plain Flat	4
11	41-8840	Steering Shaft	1
12	3-3251	Spring	1
13	3217-5	Nut – Hex	1
14	233-17	Knob	1
15†	251-275	Bearing – Ball	1
16	21-9260	Dust Cover	1
17	24-2090	Cap – Steering Wheel	1
18	25-6260	Steering Wheel	1
19	32121-10	Pin – Roll	1
20	3272-7	Cotter Pin	2
21	32136-4	Slotted Nut	2
22	3272-5	Pin – Cotter	3

Ref. No.	Part No.	Description	No. Used
23	21-3370	Brake Cable Assembly	2
24	283-58	Pin – Clevis	2
25	3272-10	Pin – Cotter	3
26	3-7243	Spring – Return	2
27	42-2540	Pin – Brake	1
28	41-8810	Brake Pedal L.H. (Incl. Ref. #29 & 31)	1
29	256-42	Bushing	4
30	41-8800	Brake Pedal R.H. (Incl. Ref. #29 & 31)	1
31	302-5	Grease Fitting	2
32	27-3560	Latch – Parking Brake	1
33	329-4	Screw – Cap, Hex Hd.	1
34	3253-3	Washer – Lock Spring	1
35	7-3900	Food Pad – Brake	2
36	3290-378	Plastic Ty-On	1
37	3256-26	Washer – Plain Flat	2
38	42-3220	Rack	1
39	27-3390	Tube – Front Steering	1
40	21-0140	Socket Assembly R.H. (Incl. Ref. #21)	2
41	3220-5	Nut – Hex Jam	2
42	3296-33	Nut – Lock, Nylon Insert	1

†Included with Steering Post Bracket Assembly, Ref. Page 6, Item 42.

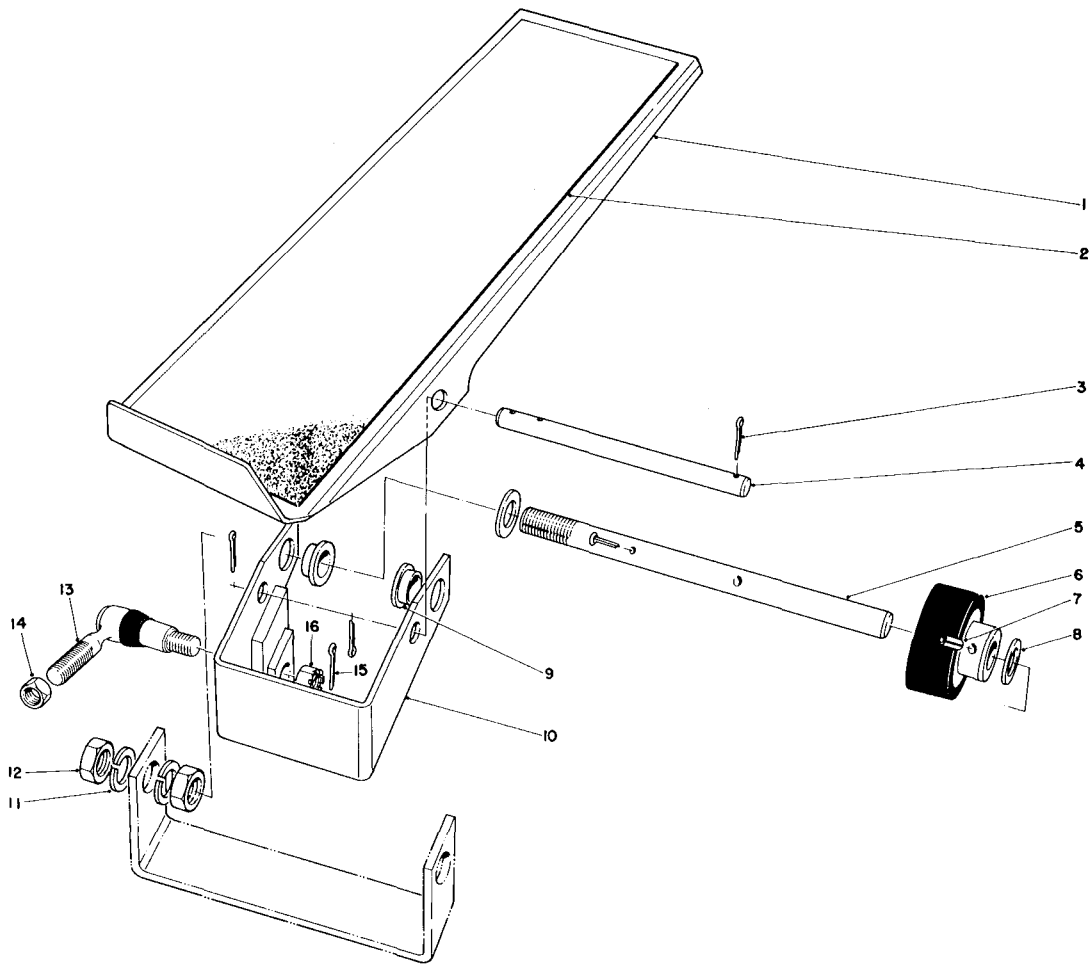


STEERING GEAR ASSEMBLY NO. 41-8820

Ref. No.	Part No.	Description	No. Used
1	5676217	Nut – Adjuster Lock	1
2	5666681	Adjuster Assembly	1
3	7812946	Worm Assembly – Steering	1
4	7801626	Seal	1
5	7802160	Seal	1
6	7807009	Hex Head Flange Bolt	3
7	114495	Nut	1
8	7806748	Side Cover Service Kit (Incl. Ref. #6, 9, 11 & 13)	1

Ref. No.	Part No.	Description	No. Used
9		Bushing	1
10	605142	Shim Kit	1
11	7802482	Adjuster	1
12	7812834	Gear – Pitman Shaft	1
13	5666734	Gasket	1
14	5679292	Steering Gear Housing	1
15	5666693	Bearing Assembly – Worm Thrust	1

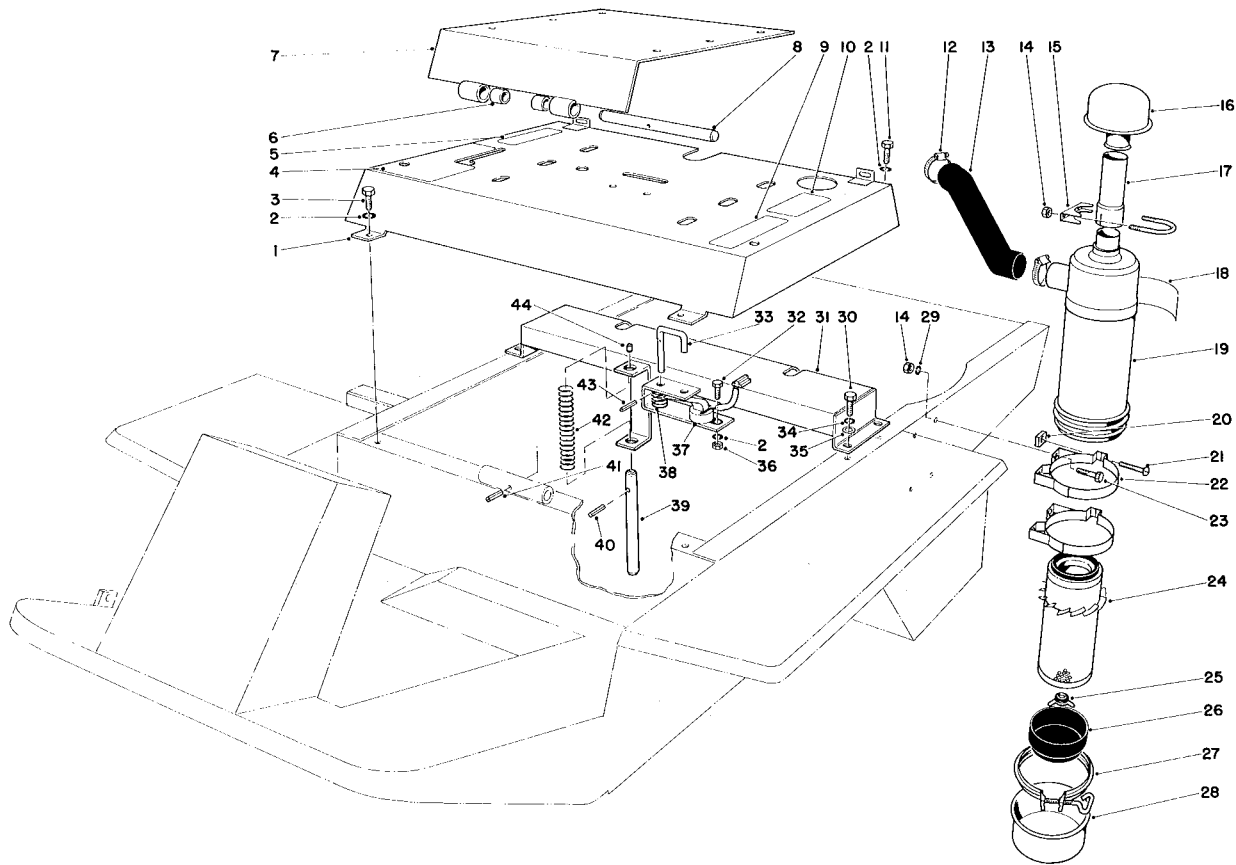
Note: Obtain parts from your local GMC, Chevrolet Dealer.



TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	29-5670	Traction Pedal	1
2	28-5130	Pad Pedal	1
3	3272-10	Cotter Pin	4
4	29-5630	Pivot Pin Pedal	1
5	29-5640	Shaft – Traction Pedal	1
6	28-5220	Friction Wheel Assembly	1
7	32121-16	Roll Pin	1
8	5-7570	Washer	2
9	256-156	Bushing	2

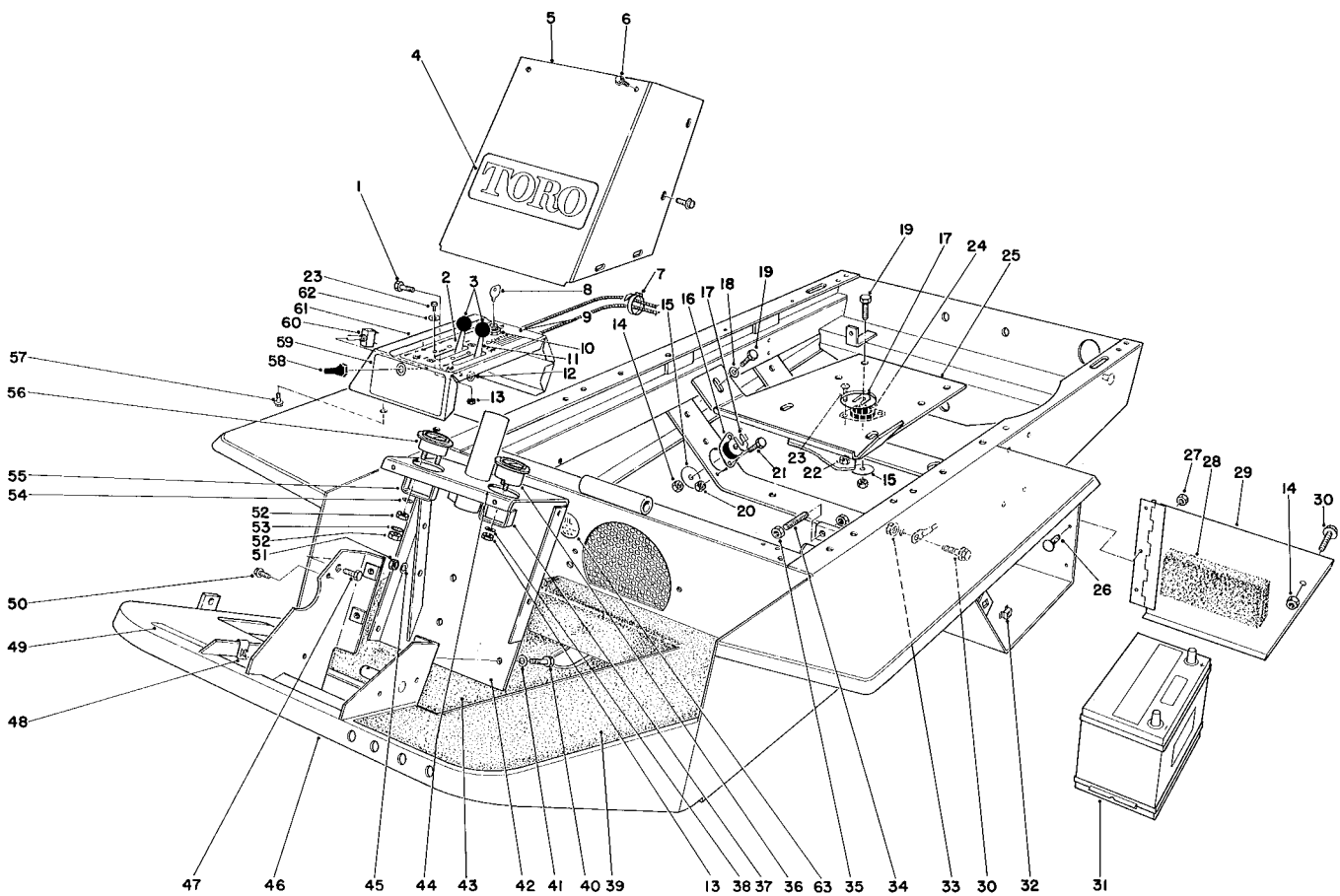
Ref. No.	Part No.	Description	No. Used
10	29-5600	Pivot Bracket Assembly (Incl. Ref. #9)	1
11	3253-7	Lockwasher	2
12	3218-5	Jam Nut	2
13	21-0140	Socket Assembly R.H. (Incl. Ref. #16)	1
14	3220-5	Jam Nut	1
15	3272-7	Cotter Pin	1
16	32136-4	Slotted Nut	1



SEAT MOUNT AND AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	38-2470	Cover — Seat Support (Incl. Ref. #4, 5, 9 & 10)	1
2	3253-3	Washer — Lock Spring	5
3	32104-114	Screw — Self Tapping Hex. Hd.	2
4	27-4390	Decal — Hydraulic Lift	1
5	28-3290	Decal — Caution	1
6	256-173	Bushing	2
7	38-4020	Seat Mounting (Incl. Ref. #6)	1
8	27-4720	Shaft — Seat Pivot	1
9	27-4620	Decal — Caution	1
10	27-7310	Decal — Refueling	1
11	321-4	Capscrew	2
12	2412-42	Hose Clamp	2
13	44-9050	Hose — Air Cleaner Inlet	1
14	3217-6	Nut — Hex	6
15	20-4840	Muffler Clamp	1
16	27-7180	Cap Assembly	1
17	44-8950	Tube — Air Cleaner	1
18	27-7160	Decal — Instruction	1
19	27-7100	Air Cleaner Assembly (Incl. Ref. #18 & 24-28)	1
20	32107-11	Nut — Square	2
21	3258-19	Machine Screw	2

Ref. No.	Part No.	Description	No. Used
22	27-7170	Band Assembly Mounting (Incl. Ref. #20 & 21)	2
23	322-3	Screw — Cap Hex. Hd.	4
24	27-7110	Element Assembly	1
25	27-7120	Nut & Gasket Assembly	1
26	27-7140	Skirt — Baffle	1
27	27-7130	Clamp Assembly	1
28	27-7150	Cup Assembly	1
29	3253-4	Washer — Lock	4
30	323-5	Screw — Cap Hex Hd.	4
31	37-9770	Seat Support	1
32	321-2	Screw — Cap Hex. Hd.	1
33	38-3170	Pin — Seat Switch	1
34	3253-21	Washer — Lock	4
35	3256-24	Washer — Plain	4
36	3217-5	Nut — Hex	1
37	29-6930	Switch Arm	1
38	3-6685	Spring	1
39	27-9870	Pin — Seat Switch	1
40	32121-6	Pin — Roll	1
41	32121-4	Pin — Roll	1
42	37-9590	Spring	1
43	32121-50	Pin — Roll	1
44	28-6180	Pin — Plastic	1

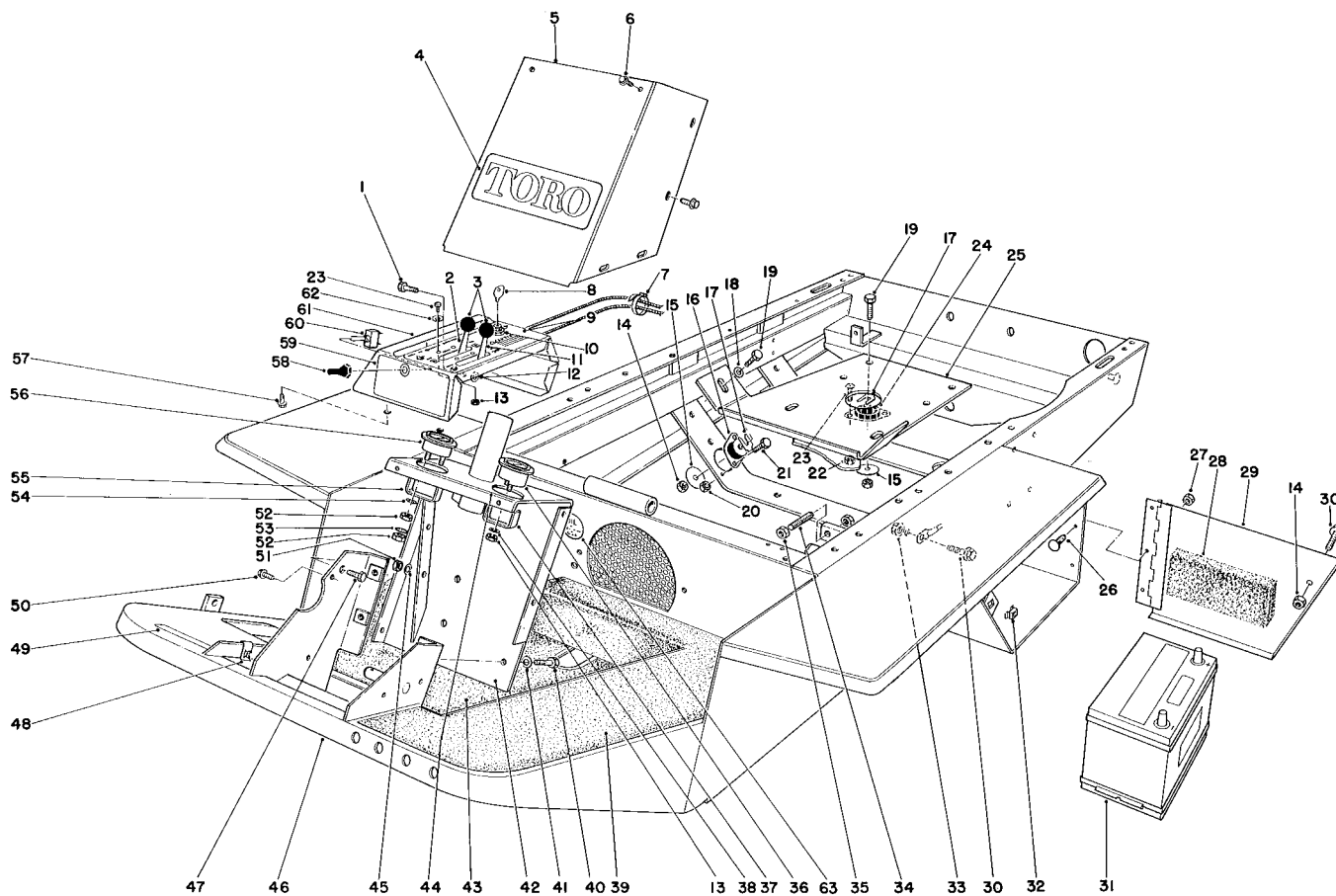


INSTRUMENT PANEL AND STEERING POST ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-4	Capscrew	1
2	44-9300	Control – Choke	1
3	233-35	Knob	2
4	43-5110	Decal – Toro	1
5	41-8900	Cover – Steering Tower	1
6	46-8560	Screw – Tapping Hex Hd.	11
7	3290-378	Plastic Ty-on	1
8	218-412	Key (Set of 2)	1
9	44-9370	Decal – Instrument Panel	1
10	27-2360	Switch – Ignition	1
11	44-9250	Control Throttle	1
12	3256-22	Washer – Plain Flat	1
13	3217-26	Nut – Hex	5
14	3296-39	Nut – Lock Nylon Insert	5
15	28-1140	Washer	4
16	44-9390	Mount – Engine Rubber	2
17	42-6080	Shim – Axle	A/R
18	3256-24	Washer – Plain Flat	2
19	323-12	Screw – Cap Hex Hd.	4
20	3296-29	Nut – Lock Nylon Insert	4
21	322-3	Capscrew	4
22	3296-2	Nut – Lock Nylon Insert	4
23	3251-3	Screw – Machine Rd. Hd.	8

Ref. No.	Part No.	Description	No. Used
24	18-8000	Rubber Mount	2
25	44-9320	Engine Base	1
26	3274-31	Screw – Cap Button Hd.	3
27	3296-42	Nut – Lock Nylon Insert	3
28	44-9460	Foam Strip – Battery Cover	1
29	44-8920	Battery Cover	1
30	3234-11	Screw – Cap Hex Hd. w/Locking Flange	2
31†		Battery Assy.	1
32	3290-433	Retainer – Grip Nut	1
33	3290-357	Nut – Hex Hd. w/Locking Flange	1
34	27-6940	Pin – Stop	1
35	3218-3	Nut – Hex, Jam	2
36	12-9990	Hour Meter	1
37	218-515	Mounting Bracket	1
38	3254-1	Washer – External Tooth	1
39	27-3250	Nonskid – Tunnel	1
40	324-6	Screw – Cap Hex Hd.	3
41	3253-6	Washer – Lock, Spring	3
42	42-2580	Steering Post Bracket	1
43	27-3260	Nonskid Floor	1
44	41-8910	Decal – Instruction	1

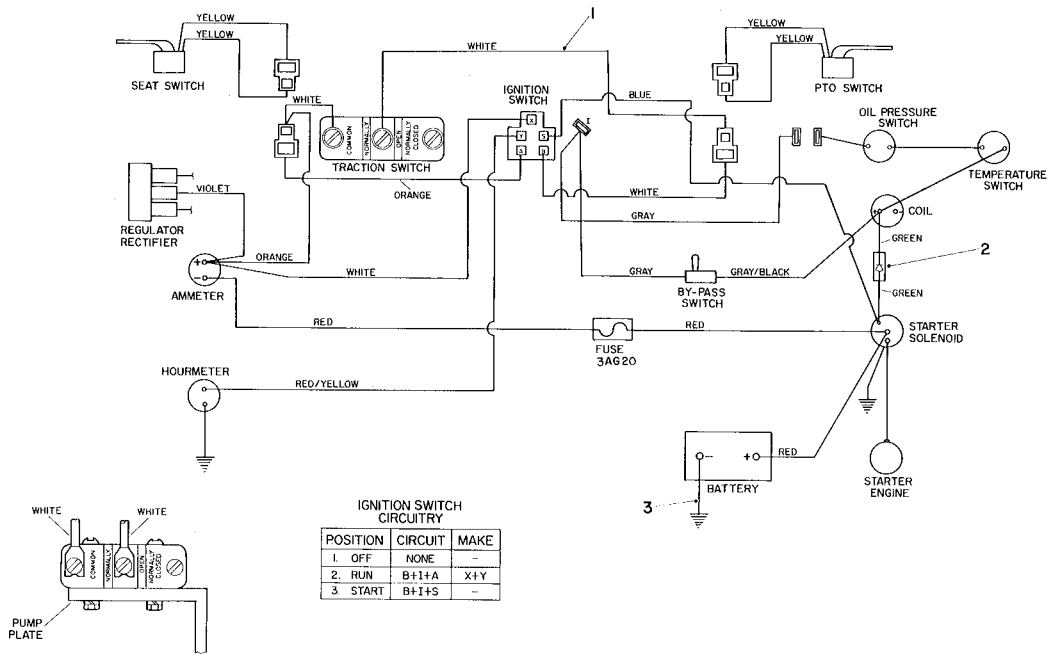
†Obtain Locally



INSTRUMENT PANEL AND STEERING POST ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	3253-21	Washer — Lock Spring	1
46	44-9170	Frame	1
47	323-5	Screw — Cap, Hex Hd.	1
48	3290-192	Nut — Clip, U-Type	2
49	27-7320	Decal — Traction Pedal	1
50	32104-60	Screw — Self Tapping Hex Washer Hd.	1
51	3217-7	Nut — Hex	1
52	3219-14	Nut — Brass	6
53	3254-8	Lockwasher	2
54	3256-21	Washer	2

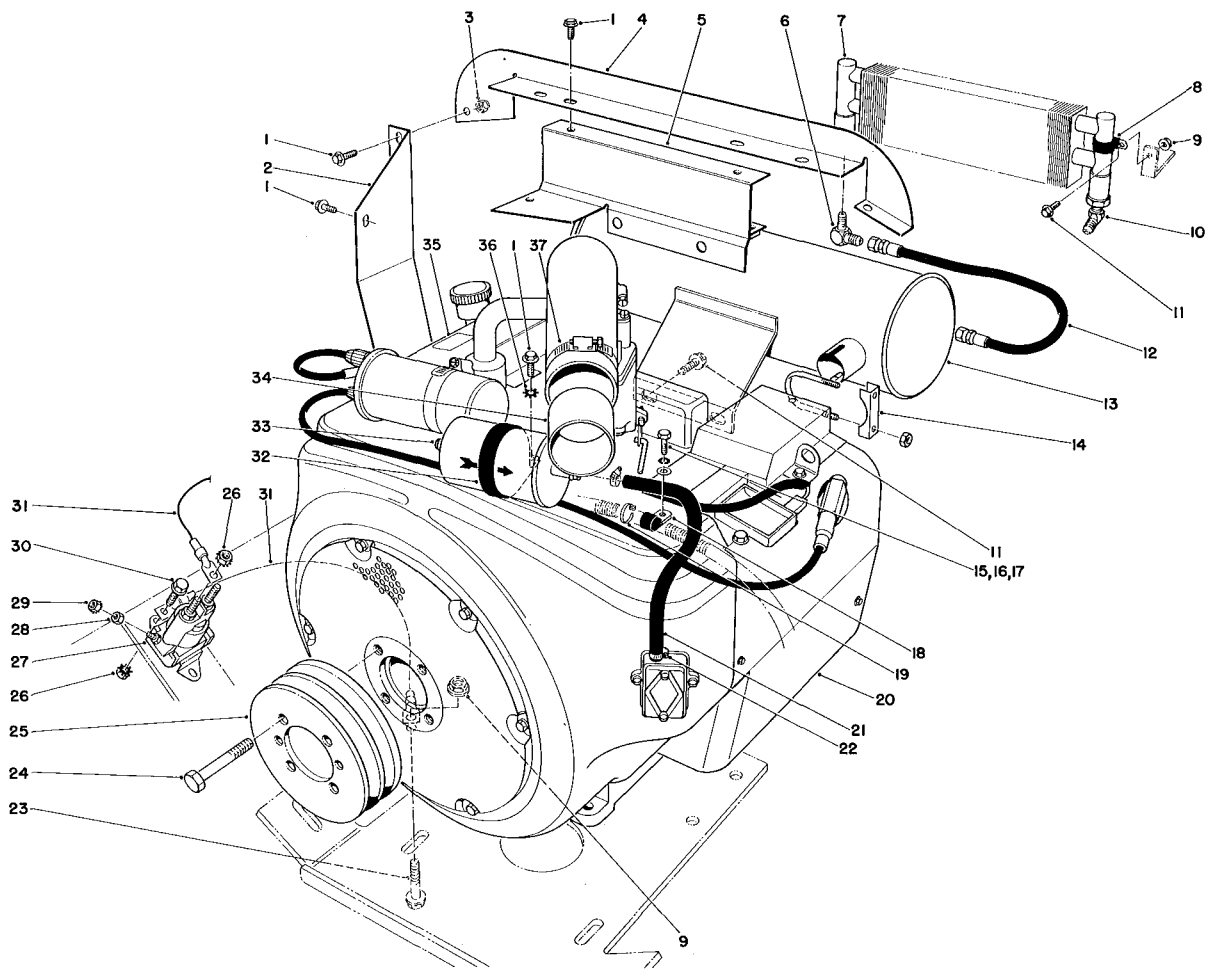
Ref. No.	Part No.	Description	No. Used
55	39-9600	Mounting Clamp	1
56	33-0990	Ammeter	1
57	32104-116	Screw — Self Tapping Hex Washer Hd.	2
58	218-473	Boot — Toggle Switch	1
59	46-3460	Decal — By-Pass	1
60	6-1659	Switch — Toggle (Incl. Ref. #58)	1
61	46-3350	Instrument Panel	1
62	3253-17	Washer — Lock Spring	4
63	53-4430	Decal — Oil	1



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	44-9430	Wire Harness (Incl. Ref. # 2)	1
2	44-9930	Jumper Wire Ass'y	1

Ref. No.	Part No.	Description	No. Used
3	27-5090	Wire Battery Ground	1

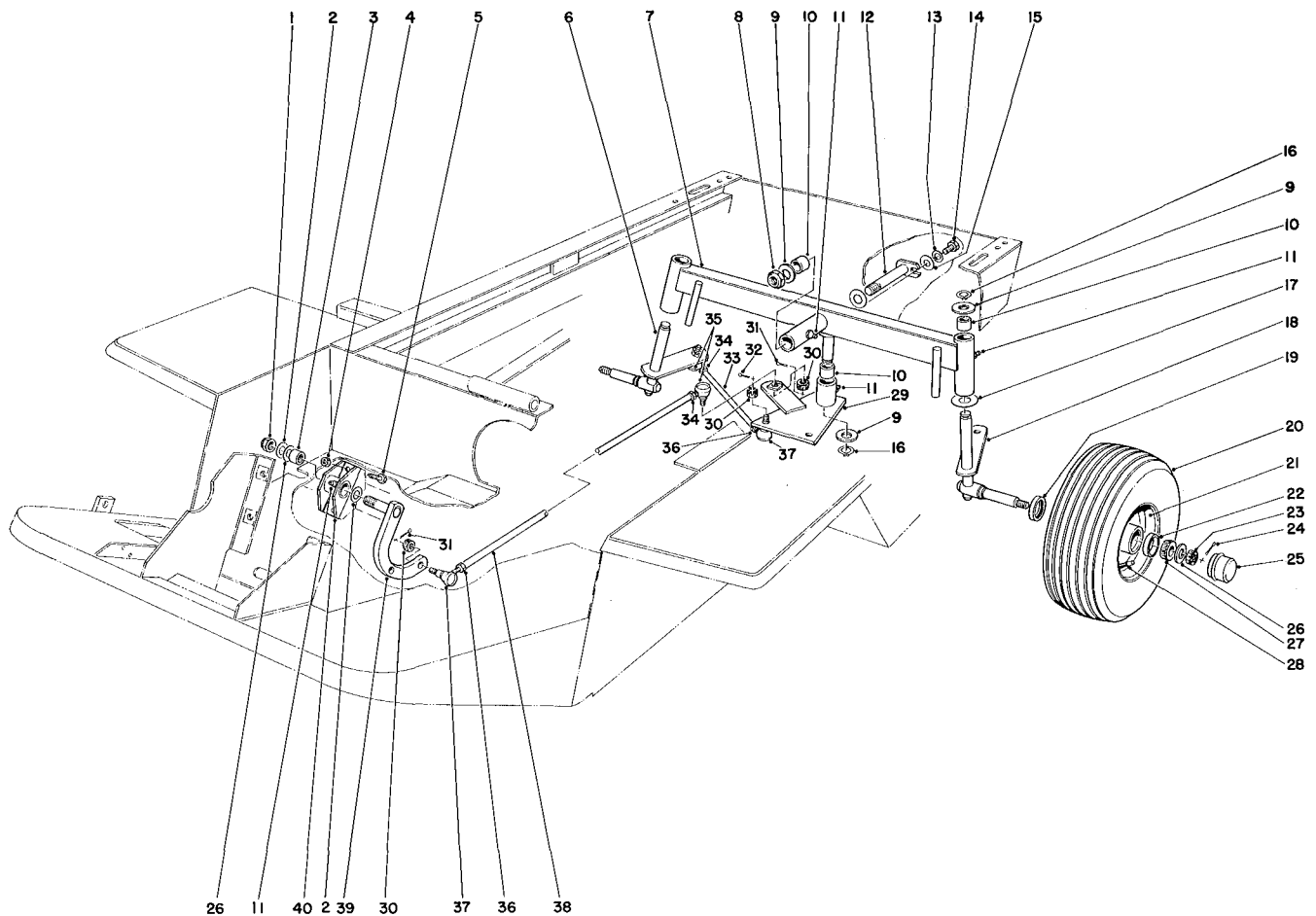


ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-13	Screw – Cap Hex Hd. Flange	11
2	44-8690	Shield – Engine Heat	1
3	3296-16	Nut – Lock, Nylon Insert	1
4	44-8710	Shroud – Engine	1
5	44-9010	Bracket – Shield Support	1
6	353-428	Elbow – Male 90°	1
7	22-7320	Oil Cooler	1
8	2412-39	Clamp – R	2
9	3290-357	Nut – Hex Hd. w/Locking Flange	4
10	353-714	Elbow – Male 45°	1
11	3234-11	Screw – Cap, Hex Hd. w/Locking Flange	4
12	44-9020	Hose Assembly – Oil	1
13	44-8960	Muffler	1
*	46-2390	Muffler – Spark Arrestor (Optional)	1
14	2412-37	Clamp – Muffler	2
15	321-4	Capscrew	1
16	3253-3	Washer – Lock Spring	1
17	3256-22	Washer – Plain, Flat	1
18	2412-81	Clamp – R	1
19	3290-336	Tie Cable	1

Ref. No.	Part No.	Description	No. Used
20	49-8120	Engine (Onan Model No. B48G-GA020 Type No. 4139F)	1
21	44-9060	Line – Fuel	1
22	2412-36	Hose Clamp	2
23	3234-18	Screw – Cap Hex Hd. w/Locking Flange	2
24	322-40	Screw – Cap, Hex Hd.	4
25	43-5340	Pulley – Engine	1
26	32149-2	Nut – Lock	4
27	44-9380	Solenoid Starter	1
28	3219-14	Nut – Hex	1
29	32149-8	Nut – Lock	1
30	3234-4	Screw – Cap Hex Hd. w/Locking Flange	2
31	10-7160	Wire Assembly	2
32	2412-44	Clamp – Filter	1
33	18-1520	Filter Gas	1
34	44-9450	Adapter – Air Inlet	1
35	42-4180	Decal – Head Service	1
36	3255-8	Washer – Lock, External Tooth	2
37	2412-42	Hose Clamp	1

*Not Illustrated

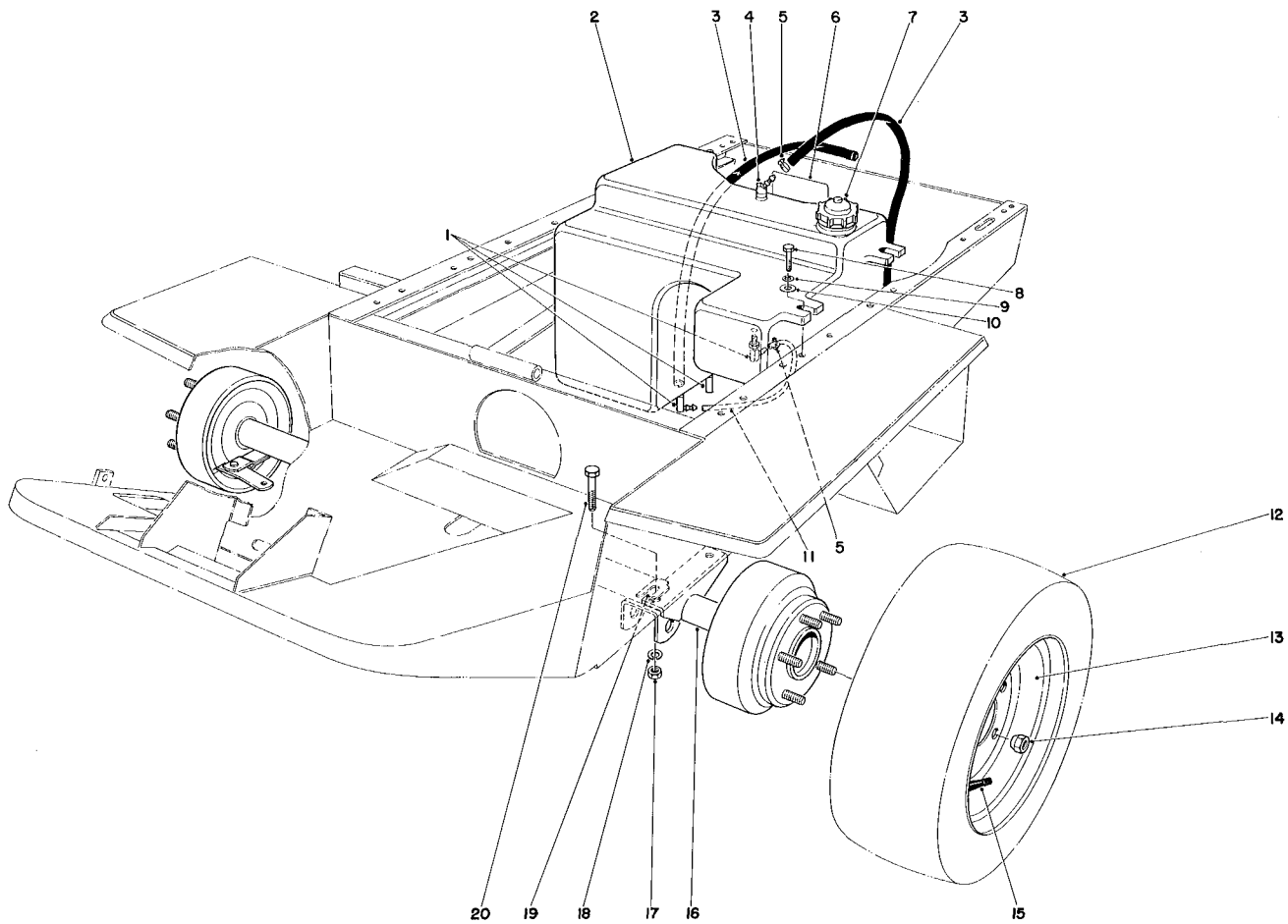


REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-15	Nut — Lock	1
2	3-6514	Washer — Thrust	2
3	252-6	Bearing	2
4	3296-44	Locknut	2
5	323-5	Screw — Cap, Hex. Hd.	2
6	39-8900	Spindle R.H.	1
7	44-9090	Rear Axle (Incl. Ref. #10 & 11)	1
8	3296-49	Nut — Lock, Nylon Insert	1
9	10-8110	Washer	4
10	3-0348	Bushing	8
11	302-5	Grease Fitting	4
12	27-4060	Pin - Rear Axle	1
13	3253-3	Lockwasher	1
14	321-2	Capscrew	1
15	3256-22	Washer — Plain, Flat	1
16	32151-36	Ring — Retaining Ext.	3
17	256-121	Bushing	2
18	39-8850	Spindle L.H.	1
19	253-129	Oil Seal	2
20	231-104	Tire	2
*	232-39	Inner Tube (Optional)	2
21	217-108	Rim (Incl. Ref. #22)	2
22	254-72	Bearing Cup	4

Ref. No.	Part No.	Description	No. Used
23	32136-5	Nut — Hex, Castle	2
24	3272-13	Cotter Pin	2
25	241-119	Dust Cap	2
26	3256-28	Washer — Plain, Flat	3
27	254-94	Bearing Cone	4
28	232-35	Valve Stem w/Cap	2
29	44-9120	Steering Plate (Incl. Ref. #10 & 11)	1
30	32136-4	Slotted Nut	6
31	3272-7	Cotter Pin	2
32	3272-6	Cotter Pin	4
33	27-4090	Tie Rod — Steering	2
34	3220-12	Nut — Hex Jam	3
35	21-0150	Socket Assembly L.H. (Incl. Ref. #30)	3
36	3220-5	Nut — Hex Jam	3
37	21-0140	Socket Assembly R.H. (Incl. Ref. #30)	3
38	44-9110	Tube — Rear Steering	1
39	27-5230	Pivot Arm	1
40	27-3640	Pivot Mount (Incl. Ref. #3 & 11)	1

*Not Illustrated

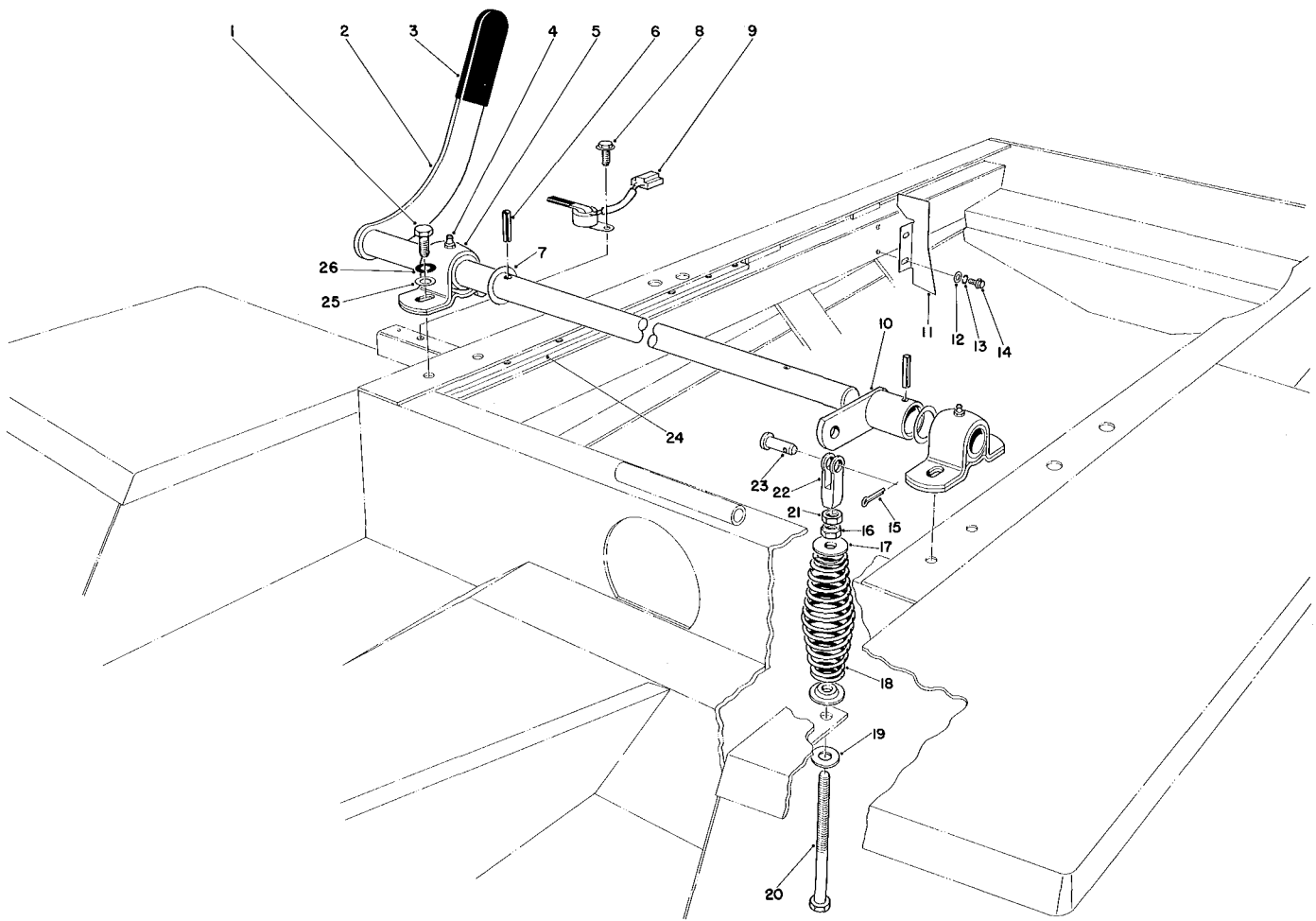


GAS TANK AND AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	353-536	90° Elbow	3
2	43-5350	Gas Tank (Incl. Ref. # 1 & 3)	1
3	37-9920	Hose	2
4	353-705	45° Elbow	1
5	2412-36	Clamp – Worm Drive	5
6	43-8480	Decal – Danger	1
7	55-3544	Gas Cap	1
8	323-19	Screw – Cap, Hex Hd.	3
9	3253-21	Lockwasher	3
10	3256-41	Washer – Plain	3
11	27-5370	Gas Line – Tank Connection	1

Ref. No.	Part No.	Description	No. Used
12	231-103	Tire	2
13	217-107	Rim	2
14	242-35	Nut – Hex	10
15	232-35	Valve Stem w/Cap	2
16	43-9040	Axle Assembly	1
17	3217-8	Nut – Hex	4
18	3253-6	Washer – Lock	4
19	42-6080	Shim Axle	A/R
20	324-9	Screw – Cap, Hex Hd.	4
*	232-43	Inner Tube (Optional)	2

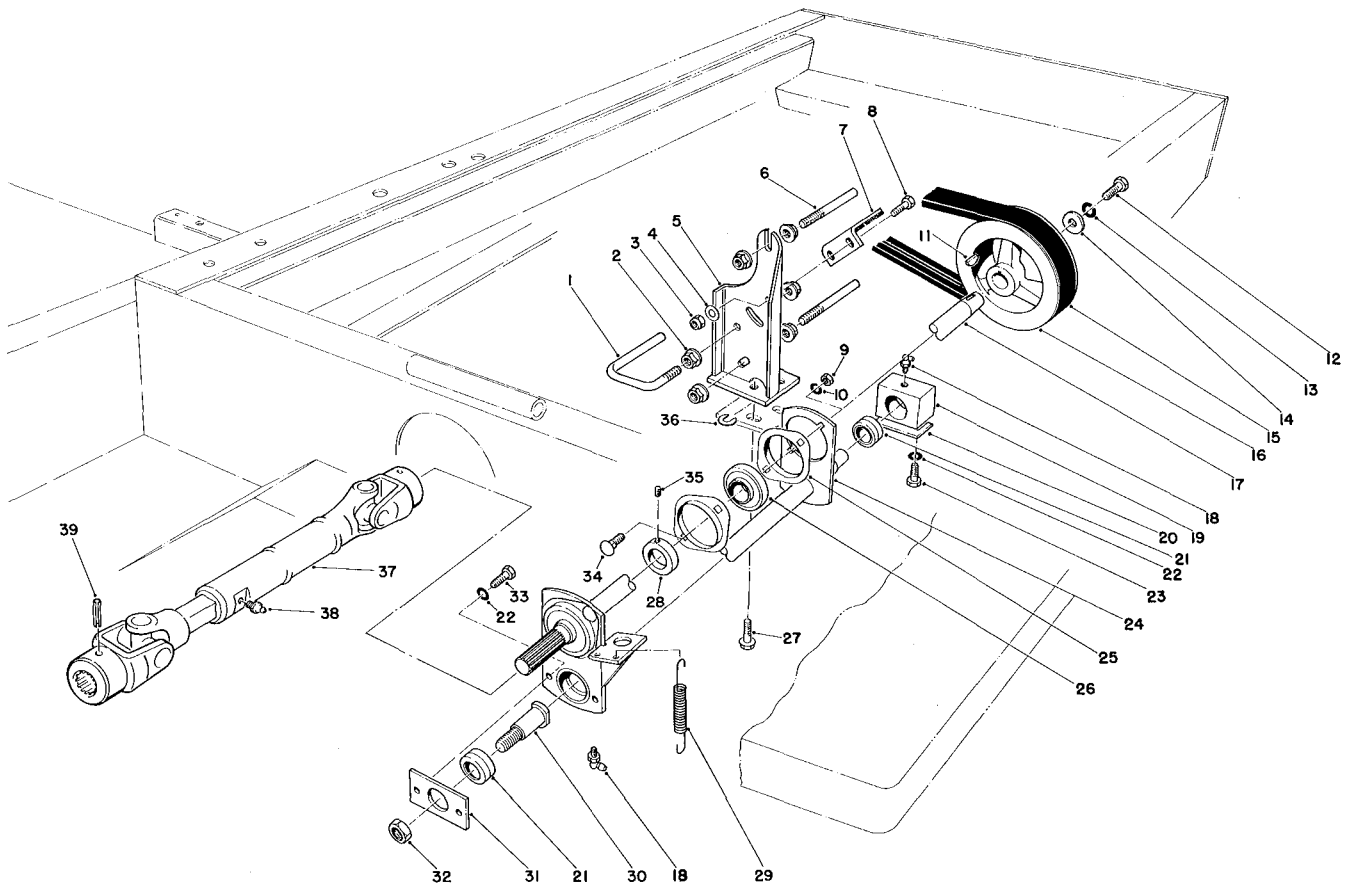
* Not Illustrated



POWER TAKE OFF LEVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-4	Capscrew	4
2	27-4910	Power Take Off Lever	1
3	21-1880	Grip Handle	1
4	302-5	Grease Fitting	2
5	251-269	Bearing – Pillow Block	2
6	32121-31	Pin – Roll	2
7	3-6514	Washer	2
8	32104-116	Screw – Self Tapping Hex Washer Hd.	1
9	29-6930	Switch Arm	1
10	47-4780	Engagement Arm	1
11	44-8680	Shield – Heat	1
12	3256-23	Washer – Plain	2
13	3253-4	Washer – Lock Spring	2

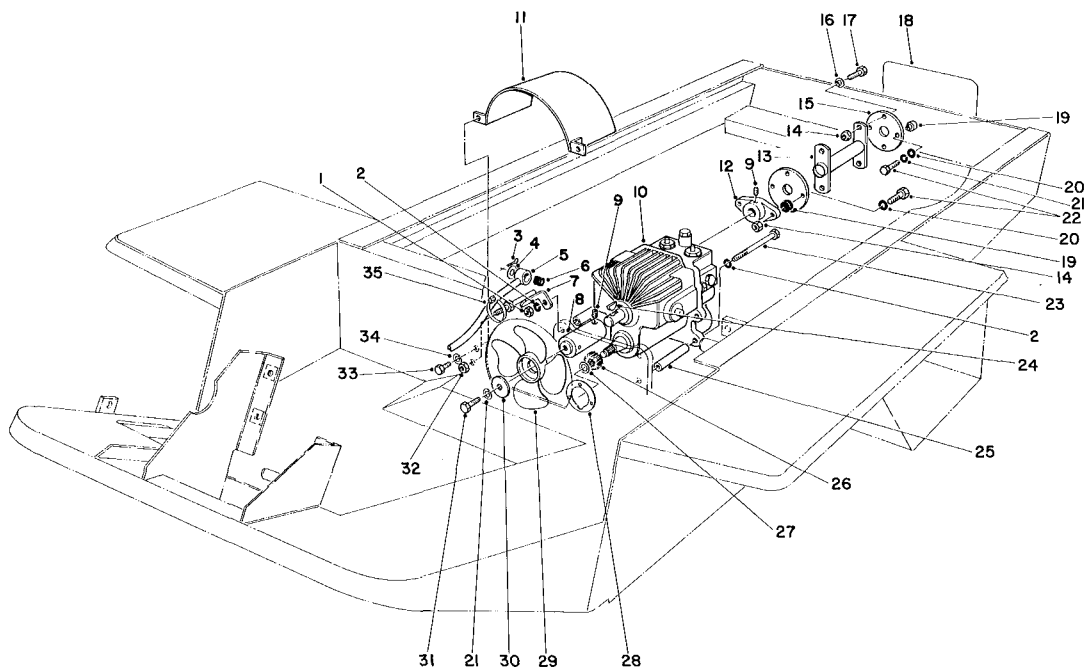
Ref. No.	Part No.	Description	No. Used
14	32144-11	Screw – Self Tapping Hex Hd.	2
15	3272-5	Cotter Pin	1
16	3296-5	Nut – Lock	1
17	44-8890	Retainer – Spring	2
18	44-8820	Spring – Compression	1
19	3256-41	Washer – Plain	1
20	27-7900	Screw – Adjusting	1
21	3220-3	Nut – Hex Jam	1
22	282-1	Yoke	1
23	283-42	Pin – Clevis	1
24	37-7060	Bar – Frame Rail	2
25	3256-22	Washer – Plain	4
26	3253-3	Washer – Lock Spring	4



POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	44-9220	Guide — Belt, Power Take Off (Lower)	1
2	3290-357	Nut — Hex Hd. w/Locking Flange	6
3	3296-29	Nut — Lock, Nylon Insert	2
4	3256-23	Washer	2
5	44-9310	Bracket—Power Take Off Brake	1
6	44-9230	Guide — Belt Power Take Off	2
7	44-9330	Support Pad Assembly — Power Take Off Brake	1
8	322-4	Screw — Cap Hex Hd.	2
9	3217-6	Nut — Hex	4
10	3253-4	Washer — Lock, Spring	4
11	3257-5	Key — Woodruff	1
12	323-18	Screw — Cap, Hex Hd.	1
13	3253-21	Washer — Lock, Spring	1
14	29-4730	Washer — Power Take Off	1
15	44-8990	V-Belt — Torque Team	1
16	43-5320	Pulley — Power Take Off	1
17	27-4980	Shaft — Power Take Off	1
18	302-40	Grease Fitting	2
19	28-9050	Hub — Bearing	1

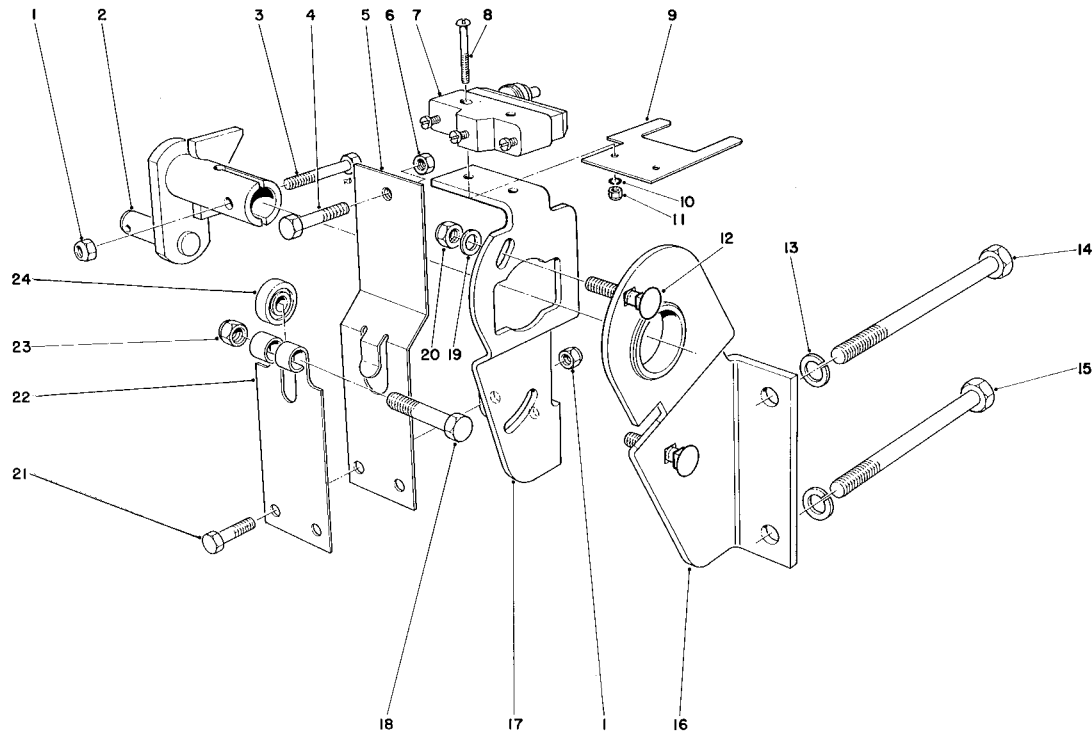
Ref. No.	Part No.	Description	No. Used
20	47-4760	Shim — P.T.O. Block	1
21	251-268	Bearing	2
22	3253-3	Washer — Lock Spring	4
23	321-7	Screw — Cap, Hex Head	2
24	44-9350	Engagement Arm	1
25	251-255	Flange Bearing	4
26	251-253	Bearing w/Collar (Incl. Ref. #28 & 35)	2
27	3234-11	Screw — Cap, Hex Hd.	3
28	251-77	Locking Collar	2
29	28-8950	Spring — Extrusion	2
30	27-6970	Stud — Bearing	1
31	27-6650	Retainer — Bearing	1
32	3296-33	Nut — Lock Nylon Insert	1
33	321-3	Screw — Cap Hex Hd.	2
34	3230-16	Carriage Bolt	4
35	3245-1	Set Screw	2
36	28-5640	Washer — Special	A/R
37	27-4520	Drive Shaft	1
38	302-5	Fitting Grease	1
39	32121-34	Pin — Roll	2



TRANSMISSION AND DRIVE COUPLING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3217-7	Nut Hex	1
2	3253-21	Washer — Lock Spring	3
3	3272-10	Pin Cotter	1
4	3256-26	Washer — Plain, Flat	1
5	27-4160	Pump Control Tube	1
6	23-2270	Bushing — Rubber	1
7	27-5310	Axle Support	1
8	27-4340	Hub & Plug Assembly	1
9	3245-1	Setscrew	4
10	49-7910	Transmission	1
11	27-3270	Fan Shroud	1
12	27-4370	Pump Hub	1
13	44-8720	Drive Shaft	1
14	32152-5	Nut — Lock, Top Deform	6
15	44-2230	Coupling — Rubber	2
16	27-6600	Spacer — Rubber Coupling	4
17	3210-5	Screw — Cap, Hex. Hd.	4
18	43-5120	Decal — Toro	1

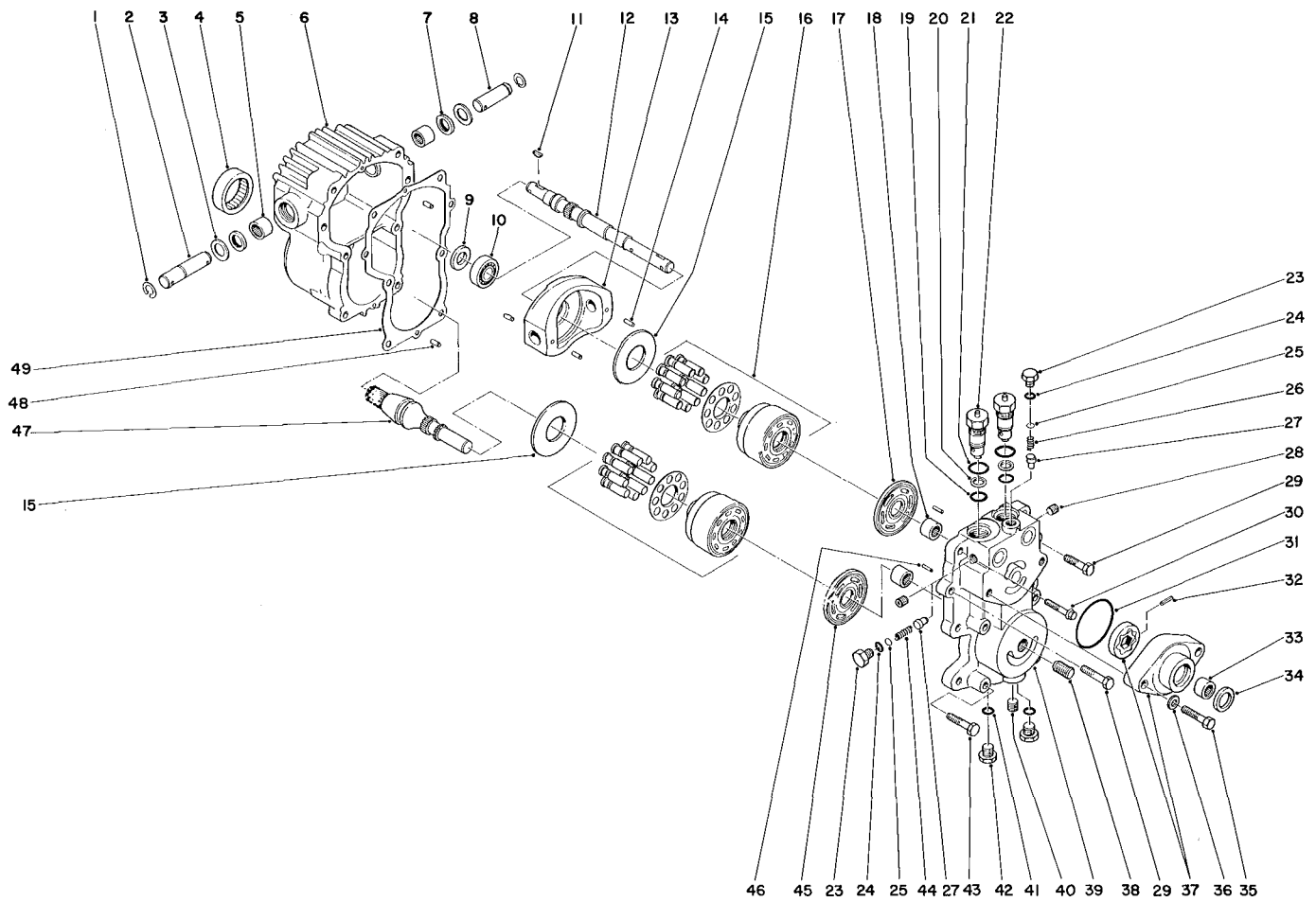
Ref. No.	Part No.	Description	No. Used
19	33-2020	Spacer	4
20	3256-3	Washer — Plain, Flat	4
21	3253-4	Washer — Lock, Spring	2
22	3210-8	Screw — Cap, Hex. Hd.	4
23	323-38	Screw — Cap Hex Hd.	2
24	3257-5	Woodruff Key	2
25	27-3680	Mounting Spacer	4
26	23-4810	Spur Gear	1
27	32120-72	Snap Ring	1
28	27-3690	Gasket — Transmission	1
29	27-3740	Fan	1
30	27-4360	Washer	1
31	322-5	Capscrew	1
32	3218-5	Nut — Hex Jam	2
33	321-2	Screw — Cap Hex Hd.	2
34	3253-3	Washer — Lock Spring	2
35	3290-378	Plastic Ty-On	1



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

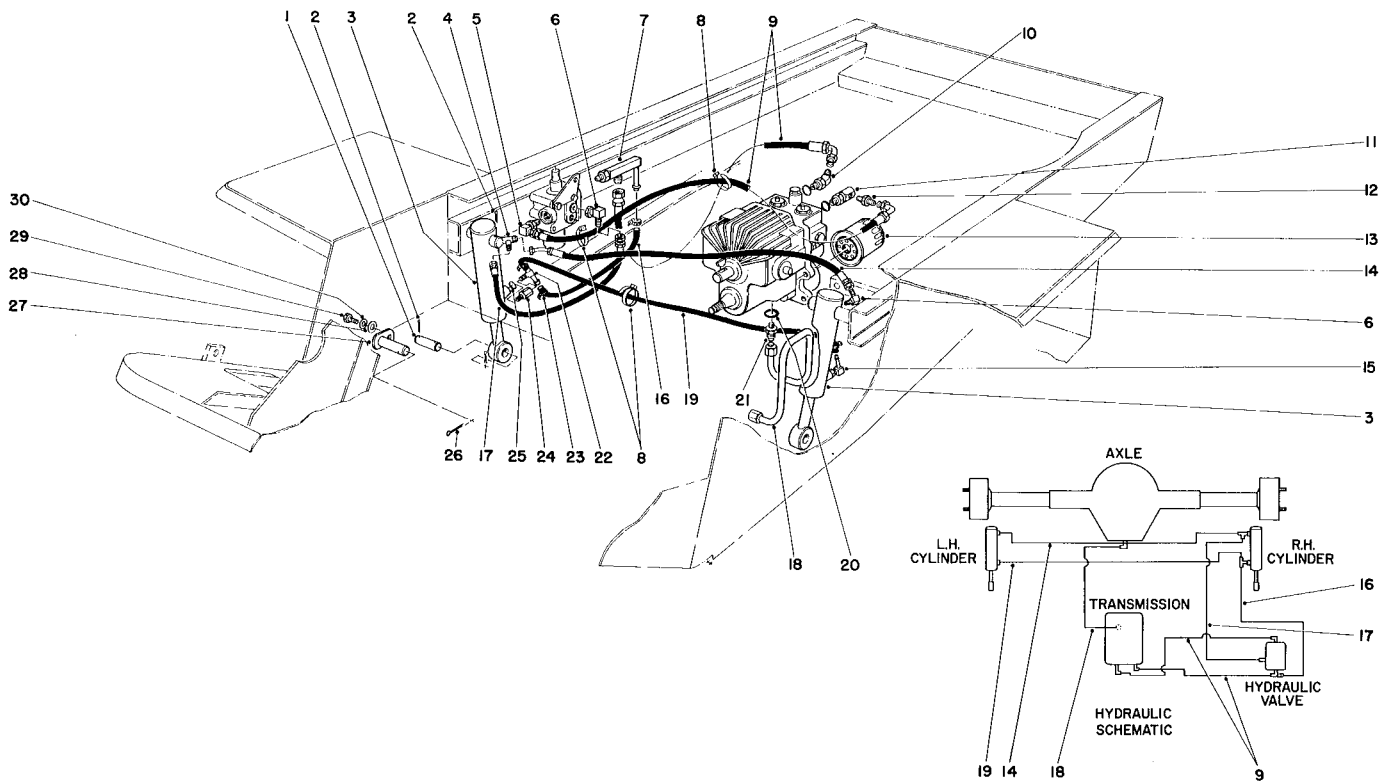
Ref. No.	Part No.	Description	No. Used
13	3253-21	Washer — Lock	2
14	27-9620	Capscrew	1
15	323-39	Screw — Cap Hex. Hd.	1
16	52-8890	Mounting Bracket	1
17	52-9070	Pump Plate	1
18	322-17	Screw — Cap Hex. Hd.	1
19	3256-2	Washer	2
20	3296-29	Nut — Lock	2
21	321-4	Screw — Cap Hex. Hd.	2
22	29-6150	Leaf Spring	1
23	3296-29	Nut — Lock	1
24	251-259	Ball Bearing	1



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

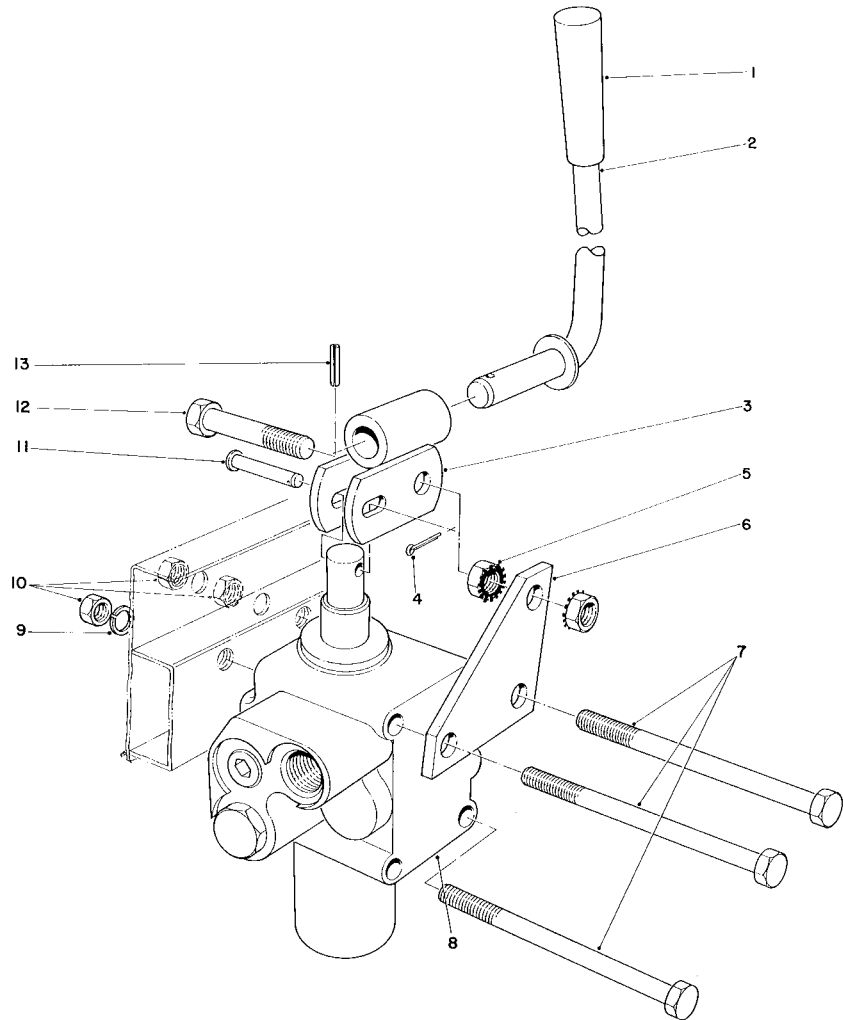
Ref. No.	Part No.	Description	No. Used
26	46-7310	Relief Valve Spring Imp.	1
27	28-3420	Relief Valve Cone Chg.	2
28	285-17	Pipe Plug	4
29	323-8	Capscrew	2
30	28-3530	Capscrew	2
31	28-3520	"O" Ring	1
32	38-2680	Pin	1
33	28-3480	Needle Bearing	1
34	28-3470	Lip Seal	1
35	324-23	Hex Hd. Capscrew	2
36	28-3450	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



HYDRAULIC VALVE AND LIFT ARM CYLINDERS

Ref. No.	Part No.	Description	No. Used
1	27-4240	Pin – Cylinder	2
2	3272-23	Pin – Cotter	6
3	43-5260	Hydraulic Cylinder	2
4	353-566	Fitting – Adjustment Tee	1
5	353-374	90° Elbow	1
6	353-375	90° Elbow	2
7	38-2550	Fitting Assembly	1
8	3290-378	Plastic Ty – On	3
9	38-2560	Hose – Transmission To Valve	2
10	353-212	Fitting	1
11	36-7960	Fitting Special	1
12	353-678	Adapter	1
13	23-2300	Oil Filter	1
14	27-5010	Hose – Cylinder Connector	1
15	304-99	90° Barb Hose Stem	1

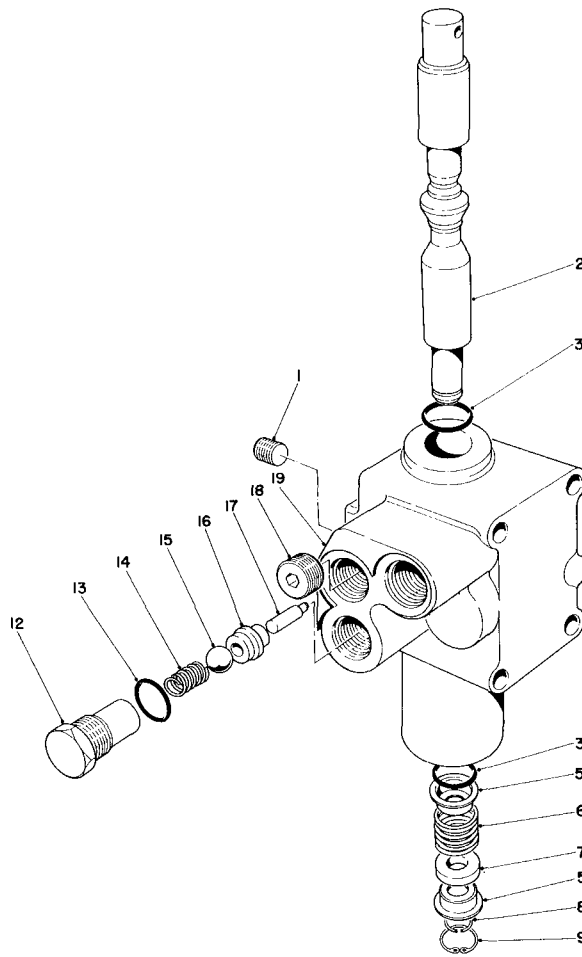
Ref. No.	Part No.	Description	No. Used
16	27-4490	Hose – Low Pressure	1
17	27-5020	Hose – Cylinder Tee To Valve	1
18	27-3760	Hydraulic Tube	1
19	27-4480	Hose – Low Pressure	1
20	237-80	“O” – Ring	1
21	353-385	Fitting (Incl. Ref. #20)	1
22	353-567	Fitting – Male Tee	1
23	2412-36	Clamp – Worm Drive	4
24	353-565	Fitting – Connector	1
25	237-78	“O” Ring	1
26	3272-17	Pin Cotter	2
27	27-4310	Pivot Pin	2
28	3256-22	Washer – Plain Flat	2
29	321-2	Screw – Cap Hex. Hd.	2
30	3253-3	Washer – Lock Spring	2



VALVE AND LEVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-39	Knob	1
2	27-4200	Valve Lever	1
3	27-4220	Valve Lever Link	1
4	3272-6	Cotter Pin	1
5	32149-2	Nut – Lock	2
6	27-4230	Bracket – Valve	1
7	321-24	Screw – Cap, Hex Hd.	3

Ref. No.	Part No.	Description	No. Used
8	43-1700	Valve Hydraulic	1
9	3253-3	Lockwasher	2
10	3217-5	Nut – Hex	4
11	283-17	Clevis Pin	1
12	321-10	Screw – Cap, Hex Hd.	1
13	32121-73	Roll Pin	1



VALVE ASSEMBLY NO. 43-1700

Ref. No.	Part No.	Description	No. Used
1	28-1120	Plug	1
2	27-5210	Spool	1
3	22-8500	O-Ring	2
5	22-8380	Retainer – Spring	2
6	22-8410	Spring	1
7	27-5200	Float Spacer	1
8	22-8480	Snap Ring – Spool	1
9	22-8490	Snap Ring	1

Ref. No.	Part No.	Description	No. Used
12	22-8330	Plug	1
13	237-42	O-Ring	1
14	22-8340	Spring	1
15	22-8350	Ball	1
16	22-8370	Seat – Check Valve	1
17	22-8360	Pin Cam	1
18	28-1130	Plug	1
19		Body	1

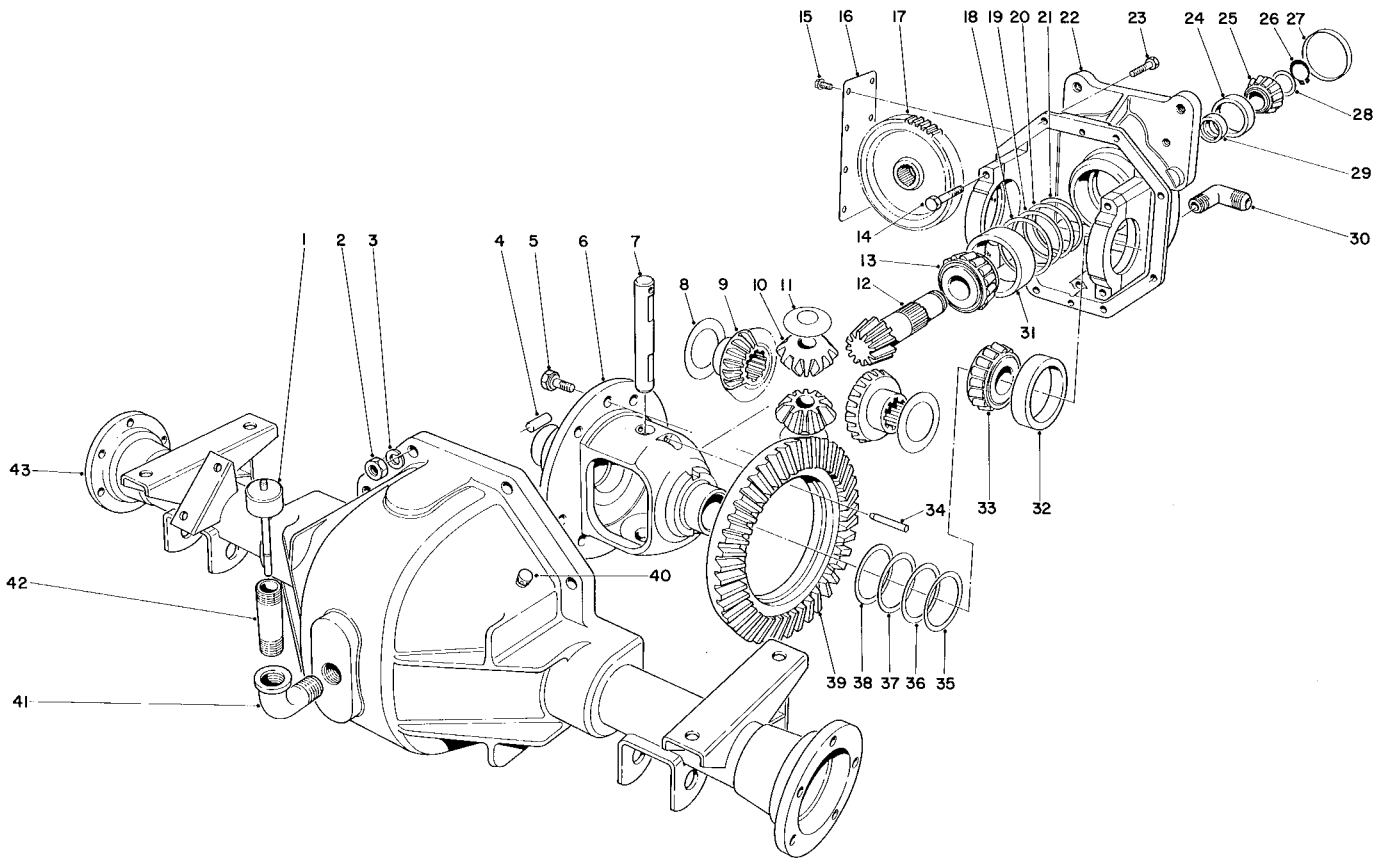


HYDRAULIC CYLINDER NO. 43-5260

Ref. No.	Part No.	Description	No. Used
1		Tube Assembly	1
2	43-5130	Jam Nut	1
3		Back Up Washer	3
4		O-Ring Piston	2
5	43-5150	Piston	1
6		O-Ring	1
7	43-5140	Head	1

Ref. No.	Part No.	Description	No. Used
8		O-Ring	1
9		Leather	1
10		Dust Seal	1
11	43-5220	Ring Retaining	1
12	43-5230	Shaft w/Clevis	1
*	43-5250	Seal Repair Kit (Incl. Ref. # 3, 4, 6, 8, 9 & 10)	1

*Not Illustrated

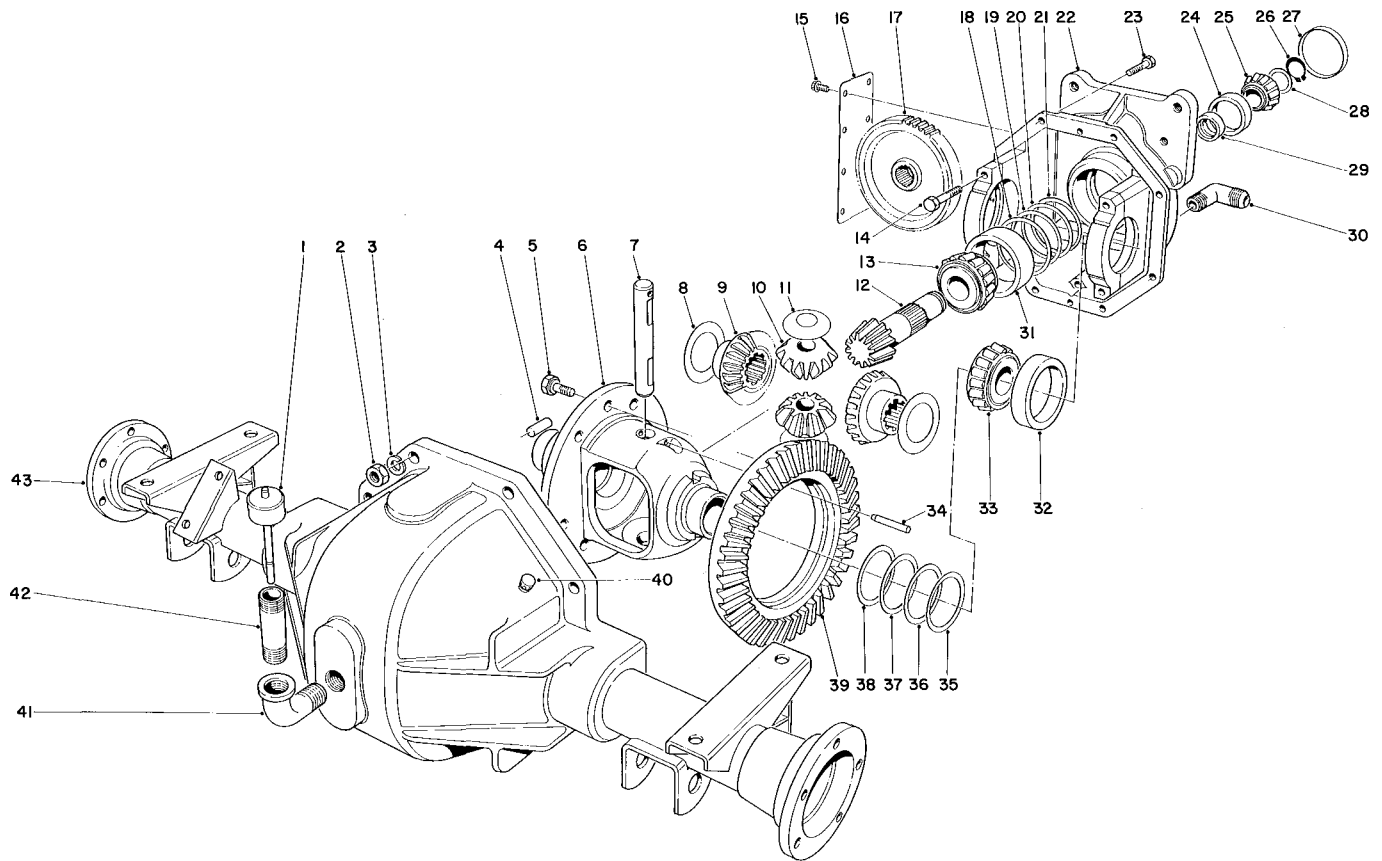


DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-3710	Dipstick	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 (Incl. Ref. #39)	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
21	43-6713	Shim Adjusting Differential Bearing .030	A/R
22	43-6860	Upper Housing Assembly (Incl. Ref. #14)	1
23	3210-7	Capscrew	8

Ref. No.	Part No.	Description	No. Used
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
*	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

*Not Illustrated

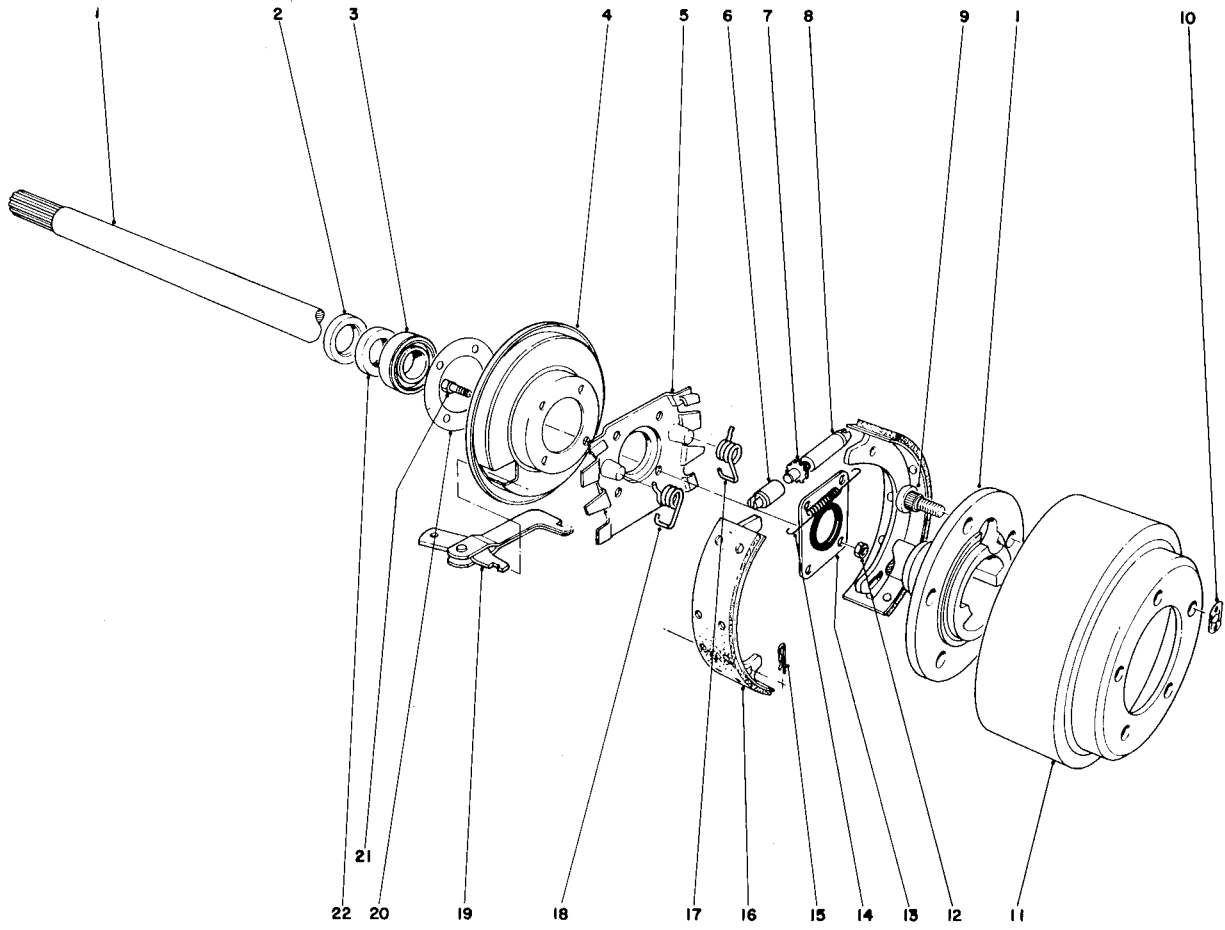


DIFFERENTIAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
*	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	353-533	Fitting 90° Elbow	1
31	43-6750	Tapered Roller Bearing Cup	1
32	254-66	Cup – Tapered Bearing	2
33	254-65	Cone – Tapered Bearing	2
34	32121-15	Roll Pin	1
35	21-8090	Differential Adjust. Shim. .003	A/R

Ref. No.	Part No.	Description	No. Used
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	46-3330	Vent Tube Assembly	1
41	2811-9	Street Elbow 90°	1
42	289-38	Pipe Nipple	1
43	43-6850	Lower Housing Assembly	1
*	43-6510	Gear & Pinion Assembly (Incl. Ref. # 12 & 39)	1

*Not Illustrated

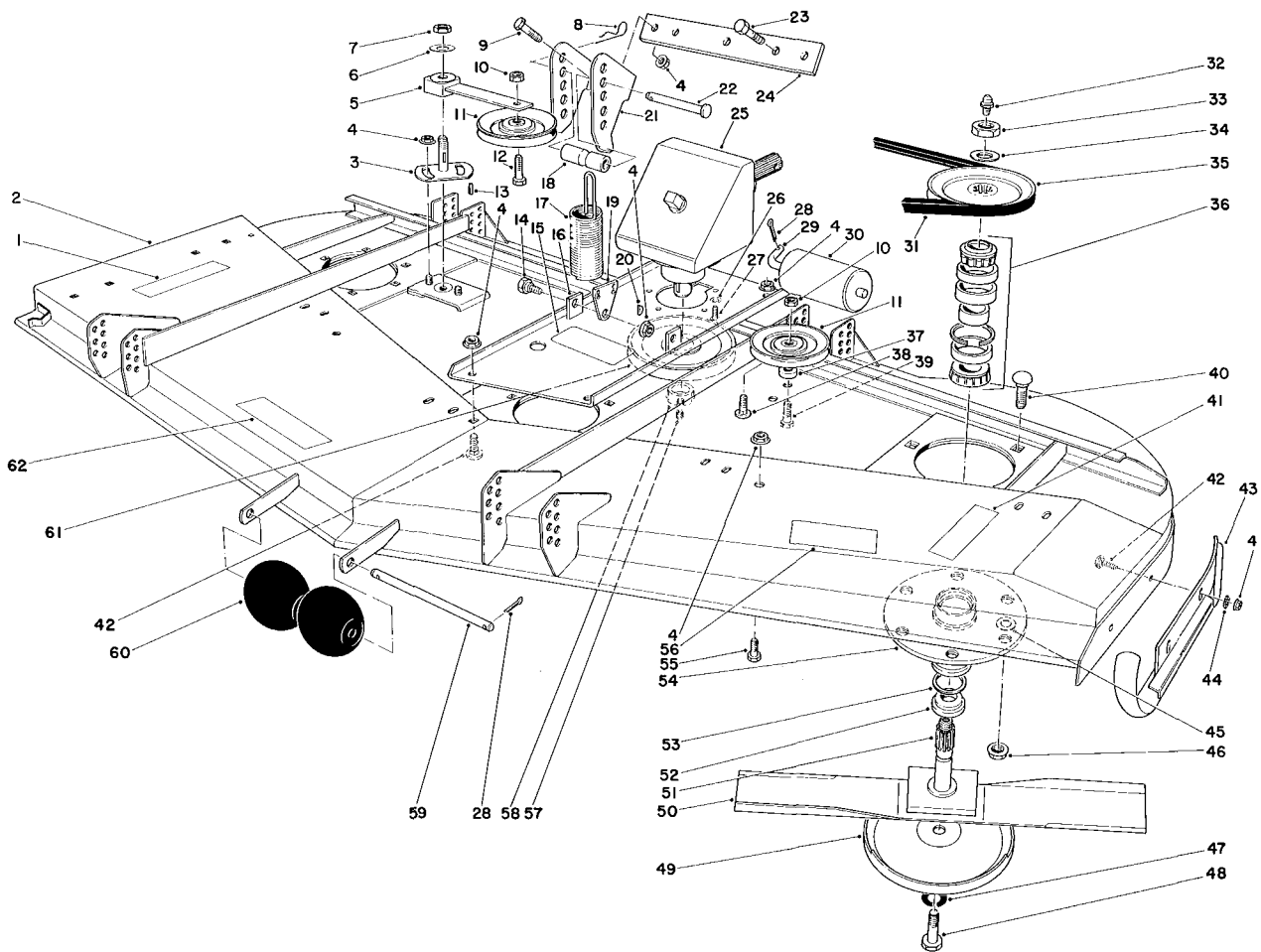


BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-6860	Axle Shaft Flanged L.H.	1
*	27-6850	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	40-2190	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	27-6880	Strut & Lever Parking Brake	2
20	21-8320	Gasket Wheel Bearing	2
21	28-0660	Capscrew	8
22	24-8840	Ring Wheel Bearing	2

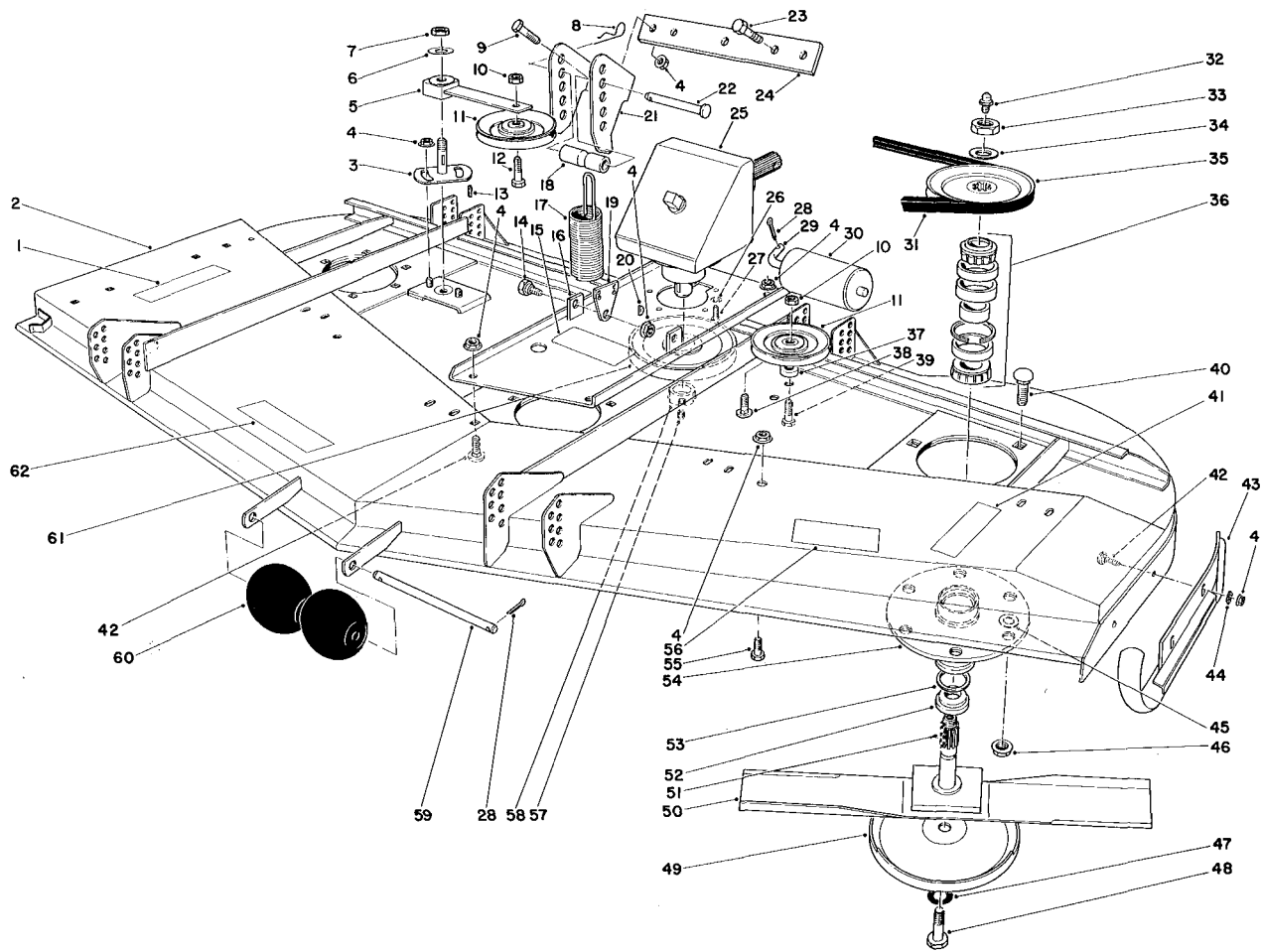
*Not Illustrated



CUTTING UNIT MODEL NO. 30562

Ref. No.	Part No.	Description	No. Used
1	26-7980	Decal — Caution	1
2	52-5780	Cutting Deck	1
3	44-6300	Plate — Idler	1
4	3290-357	Nut — Lock	17
5	27-8580	Idler Socket & Bushing Assy.	1
6	3256-27	Washer	1
7	3296-33	Nut — Lock	1
8	3290-355	Pin — Hair	2
9	323-11	Screw — Cap, Hex Hd.	3
10	3296-5	Nut — Lock	2
11	52-4580	Pulley — Idler	2
12	3211-8	Screw — Cap, Hex Hd.	1
13	5-1077	Key Square	1
14	46-3380	Bolt — Shoulder	2
15	44-6470	Decal — Caution	1
16	47-5530	Base — Gear Box	1
17	46-3200	Spring — Extension	2
18	40-0300	Spacer	2
19	46-3190	End Spring	2
20	3257-5	Key — Woodruff	1
21	46-2620	Bracket Spring	2
22	283-55	Pin Clevis	2
23	323-6	Screw — Cap, Hex Hd.	2

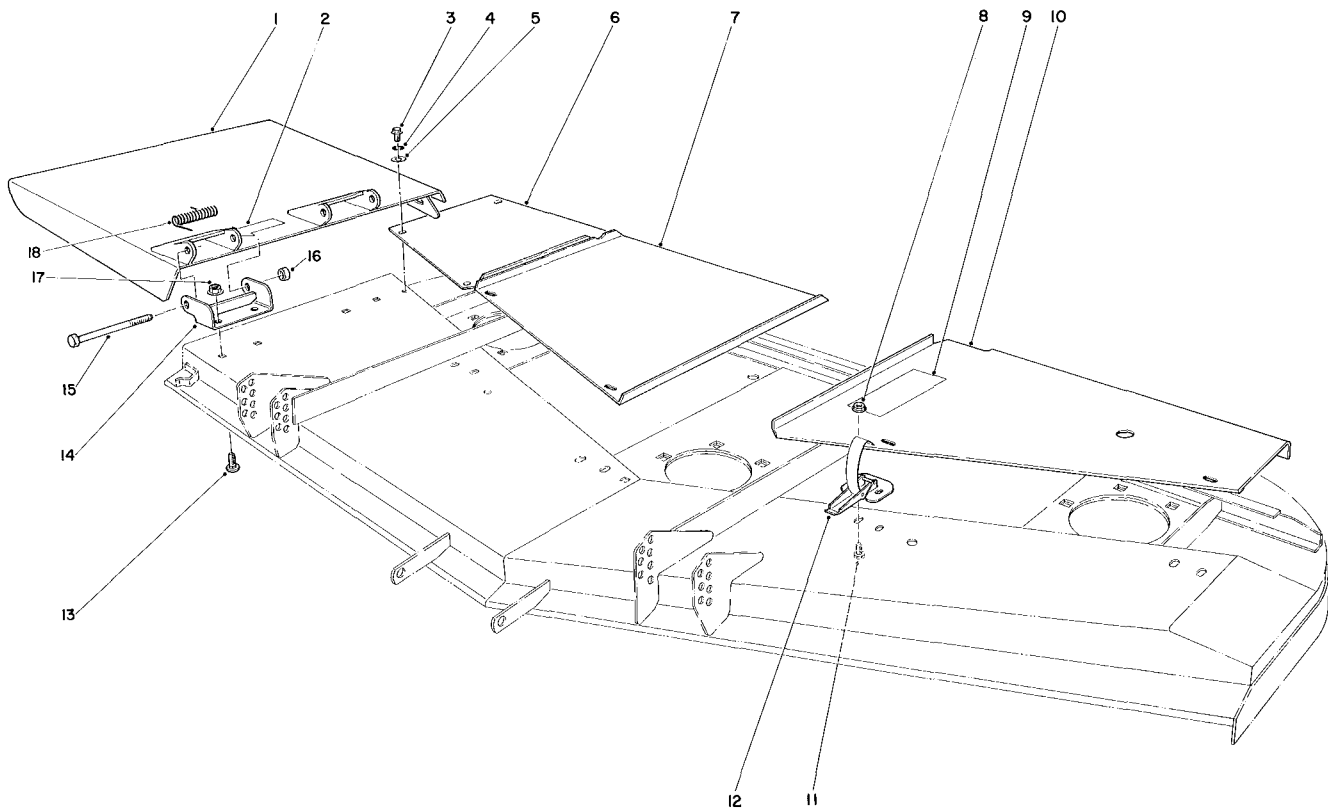
Ref. No.	Part No.	Description	No. Used
24	47-5450	Mount — Bracket	1
25	8-0909	Gear Box	1
26	3253-21	Washer — Lock	5
27	3274-1	Screw — Cap, Socket Hd.	5
28	3272-11	Cotter Pin	4
29	40-0340	Shaft — Rear Roller	2
30	36-1740	Roller — Deck	2
31	44-6260	V-Belt	1
32	302-2	Grease Fitting	3
33	32146-20	Nut — Lock, Hex Jam	3
34	7-4150	Washer	3
35	44-6340	Pulley — Hub Spindle	3
36	46-8530	Bearing Assembly	3
37	44-6390	Spacer	1
38	3231-27	Bolt — Carriage	2
39	3211-9	Screw — Cap, Hex. Hd.	1
40	3231-22	Bolt — Carriage Short Neck	20
41	26-7970	Decal — Caution (Rotating Blades)	1
42	3231-21	Bolt — Carriage, Short Neck	2
43	47-5480	L.H. Skid	1
44	3290-224	Pyramidal Washer	2
45	3256-24	Washer	A/R



CUTTING UNIT MODEL NO. 30562 (Continued)

Ref. No.	Part No.	Description	No. Used
46	32128-21	Nut — Lock, Flange	18
47	3253-27	Washer — Lock, Spring	3
48	44-2200	Capscrew — Blade	3
49	27-1000	Anti-Scalp Cup	3
50	44-6250	Blade	3
51	27-0920	Spindle Shaft	3
52	27-0950	Spacer — Spindle Bearing	3
53	253-139	Seal — Wave	6
54	27-0880	Spindle Housing	3

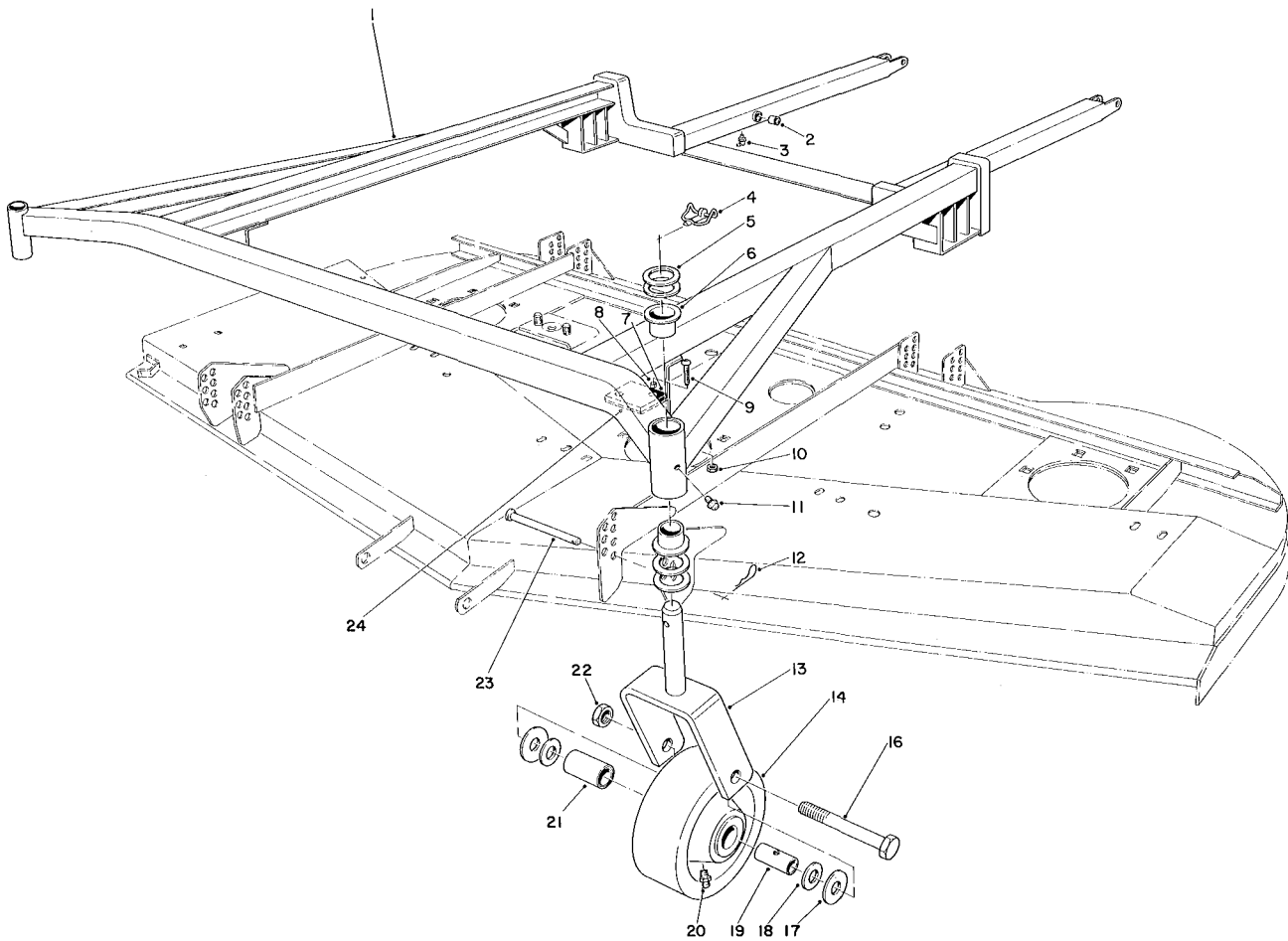
Ref. No.	Part No.	Description	No. Used
55	323-4	Screw — Cap Hex. Hd.	2
56	52-1430	Decal — Rear Weight	1
57	3245-9	Screw — Set, Socket Hd.	2
58	27-6140	Bushing — Taper Lock	1
59	40-6400	Shaft — Roller	1
60	29-4820	Roller — Front	2
61	27-6110	Pulley — Gear Box	1
62	26-7960	Decal — Caution	1



CUTTING UNIT MODEL NO. 30562 (Continued)

Ref. No.	Part No.	Description	No. Used
1	52-5790	Deflector	1
2	26-7120	Decal — Blade Line	1
3	32104-114	Screw Self Tapping Hex. Hd.	4
4	3253-3	Washer — Lock	4
5	3256-22	Washer	4
6	44-6280	Cover — Deck R.H.	1
7	44-6270	Cover — Deck Center	1
8	32128-17	Nut — Lock, Flange	8
9	42-6860	Decal — Height of Cut	1

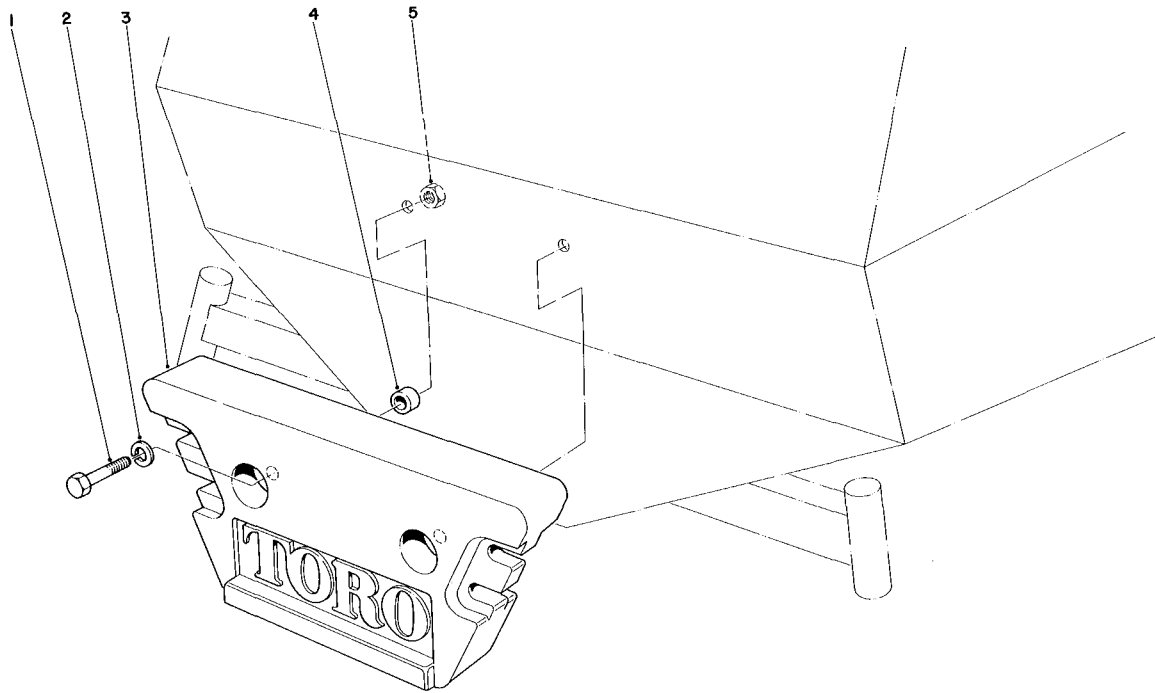
Ref. No.	Part No.	Description	No. Used
10	44-6290	Cover — Deck L.H.	1
11	3290-321	Screw — Machine Hex Slotted	8
12	249-21	Latch Draw	4
13	3231-27	Bolt — Carriage	4
14	51-1530	Hinge Bracket	2
15	325-17	Screw — Cap Hex. Hd.	2
16	32153-5	Nut — Lock	2
17	3290-357	Nut — Lock	4
18	51-1550	Spring	2



CUTTING UNIT MODEL NO. 30562 (Continued)

Ref. No.	Part No.	Description	No. Used
1	44-6410	Frame (Incl. Ref. #2, 3 & 6)	1
2	256-101	Bushing	4
3	302-40	Grease Fitting	2
4	3290-384	Lynch Pin	2
5	3-6781	Washer — Thrust	8
6	28-9290	Bushing Special	4
7	40-0330	Cushion — Rubber	2
8	40-9520	Spacer — Split	4
9	32122-28	Screw — Machine Truss Hd.	4
10	3296-2	Nut — Lock	4
11	302-5	Grease Fitting	2
12	3290-355	Pin — Hair	4

Ref. No.	Part No.	Description	No. Used
13	40-0370	Front Castor Fork	2
14	27-1050	Castor Wheel (Incl. Ref. #17-21)	2
16	3216-15	Screw Cap Hex. Hd.	2
17	27-1170	Thrust Washer	4
18	27-1180	Bearing Retainer	4
19	27-1200	Spanner Bushing	2
20	302-55	Fitting — Grease	2
21	27-1210	Roller Bearing	2
22	32146-20	Locknut	2
23	283-55	Pin Clevis	4
24	42-6200	Shim — Cushion	A/R

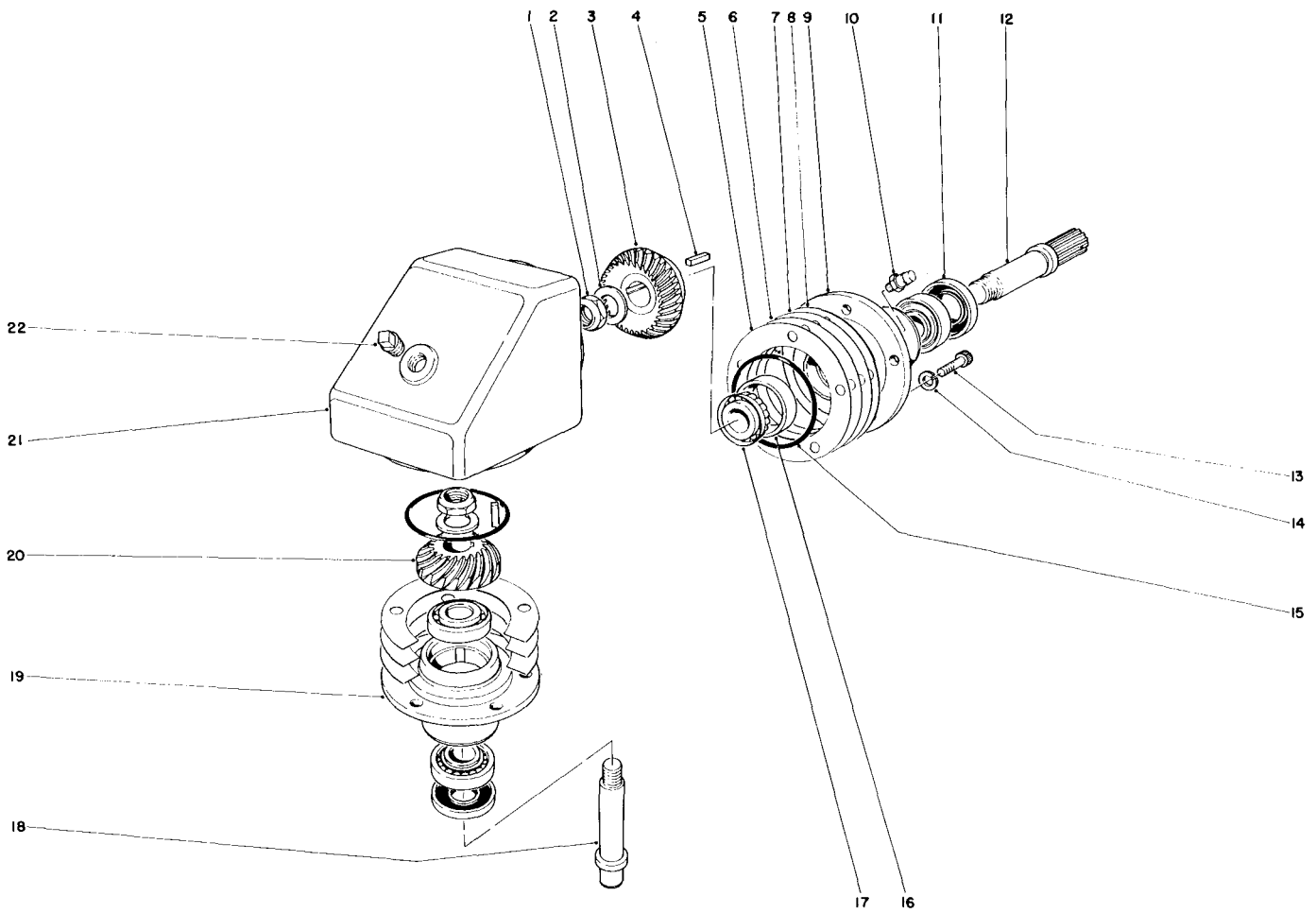


REAR WEIGHT †

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

Ref. No.	Part No.	Description	No. Used
4†	3-8847	Spacer	2
5†	3217-9	Nut — Hex	2

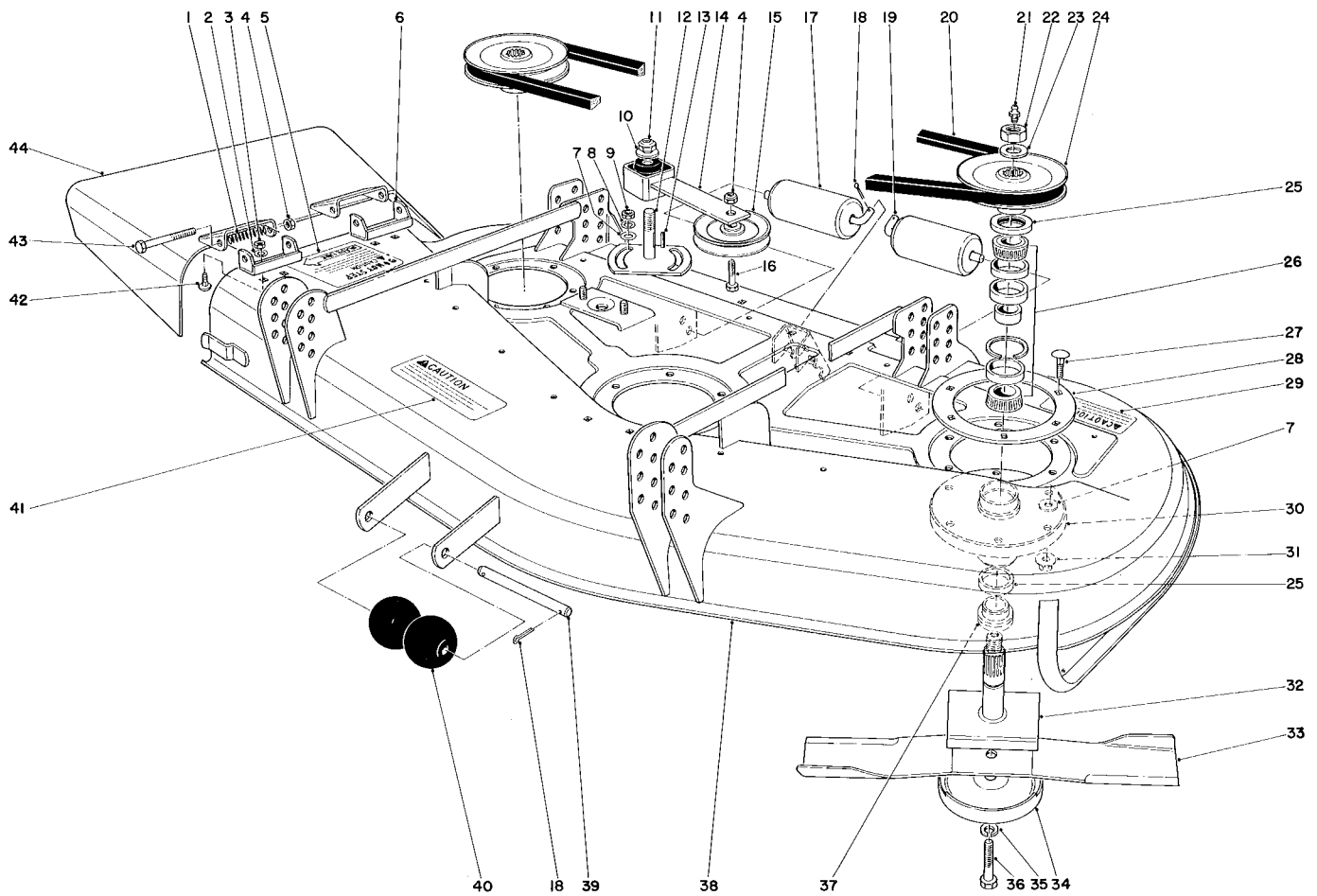
†Required on Groundsmaster 220 with 62" cutting unit. Parts must be ordered separately.



CUTTING UNIT MODEL NO. 30562, 30555, & 30568

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

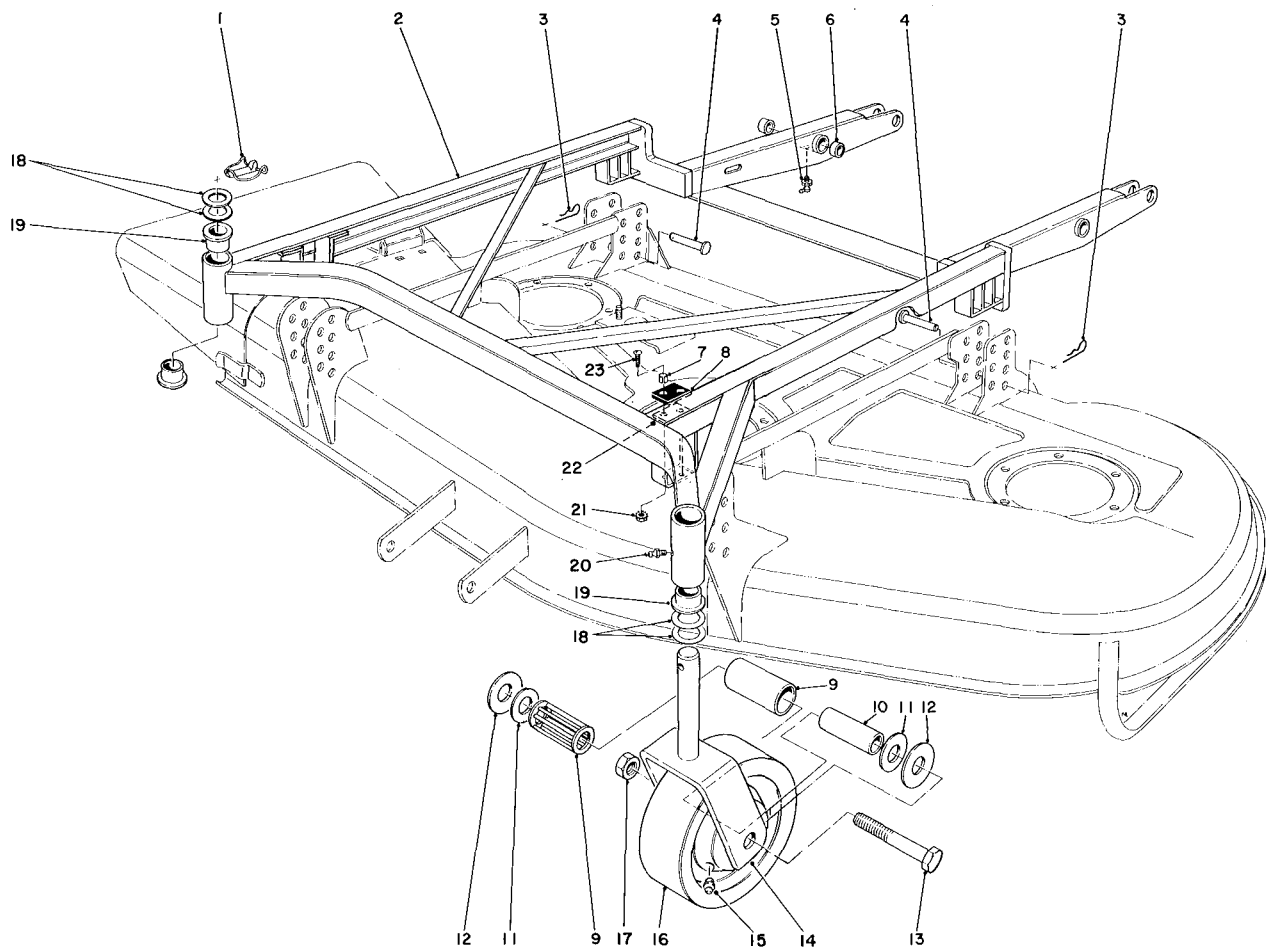


CUTTING UNIT MODEL NO. 30555

Ref. No.	Part No.	Description	No. Used
1	40-6230	Spring – Torsion	2
2	3253-4	Lockwasher	4
3	3217-6	Nut	4
4	3296-5	Locknut	3
5	40-5730	Decal – Caution	1
6	29-5590	Pivot Bracket – Deflector	2
7	3256-24	Washer – Flat	20
8	3253-21	Lockwasher	2
9	3218-3	Nut – Jam	2
10	3256-27	Washer – Flat	1
11	3296-33	Locknut	1
12	28-9060	Plate – Idler	1
13	5-1077	Key Square	1
14	27-8580	Idler Socket	1
15	52-4580	Pulley – Idler	1
16	3211-8	Capscrew	1
17	36-1740	Roller – Deck	2
18	3272-11	Cotter Pin	4
19	40-0340	Shaft – Rear Roller	2
20	27-1160	V-Belt	1
21	302-2	Grease Fitting	3
22	32146-20	Locknut	3
23	7-4150	Washer	3

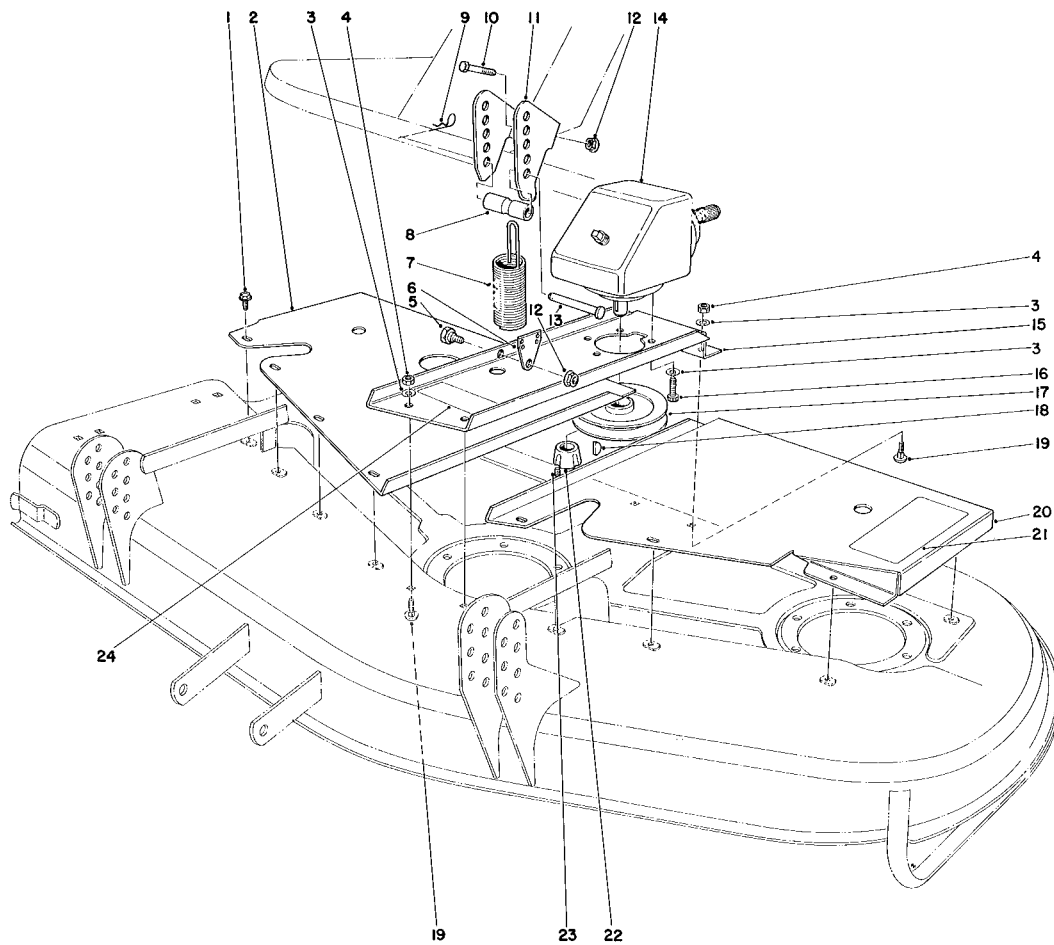
Ref. No.	Part No.	Description	No. Used
24	27-0970	Pulley	3
25	253-139	Seal – Wave	6
26	46-8530	Bearing Assembly	3
27	3231-22	Carriage Bolt	18
28	27-7680	Ring – Deck Support	3
29	26-7970	Decal – Caution	1
30	27-0880	Spindle Housing	3
31	32128-21	Locknut – Flange	18
32	27-0920	Spindle Shaft	3
33	27-0990	Blade	3
34	27-1000	Anti-Scalp Cup	3
35	3253-27	Lockwasher	3
36	44-2200	Screw – Blade Bolt	3
37	27-0950	Spacer – Spindle Bearing	3
38	40-0020	Cutting Deck	1
39	40-6400	Shaft – Roller	1
40	29-4820	Roller	2
41	26-7960	Decal – Caution	1
42	3230-20	Carriage Bolt	4
43	3211-15	Capscrew	2
44	40-6200	Grass Deflector	1
*	44-5480	Blade – High Sail (Optional)	3

*Not Illustrated



CUTTING UNIT MODEL NO. 30555 (Continued)

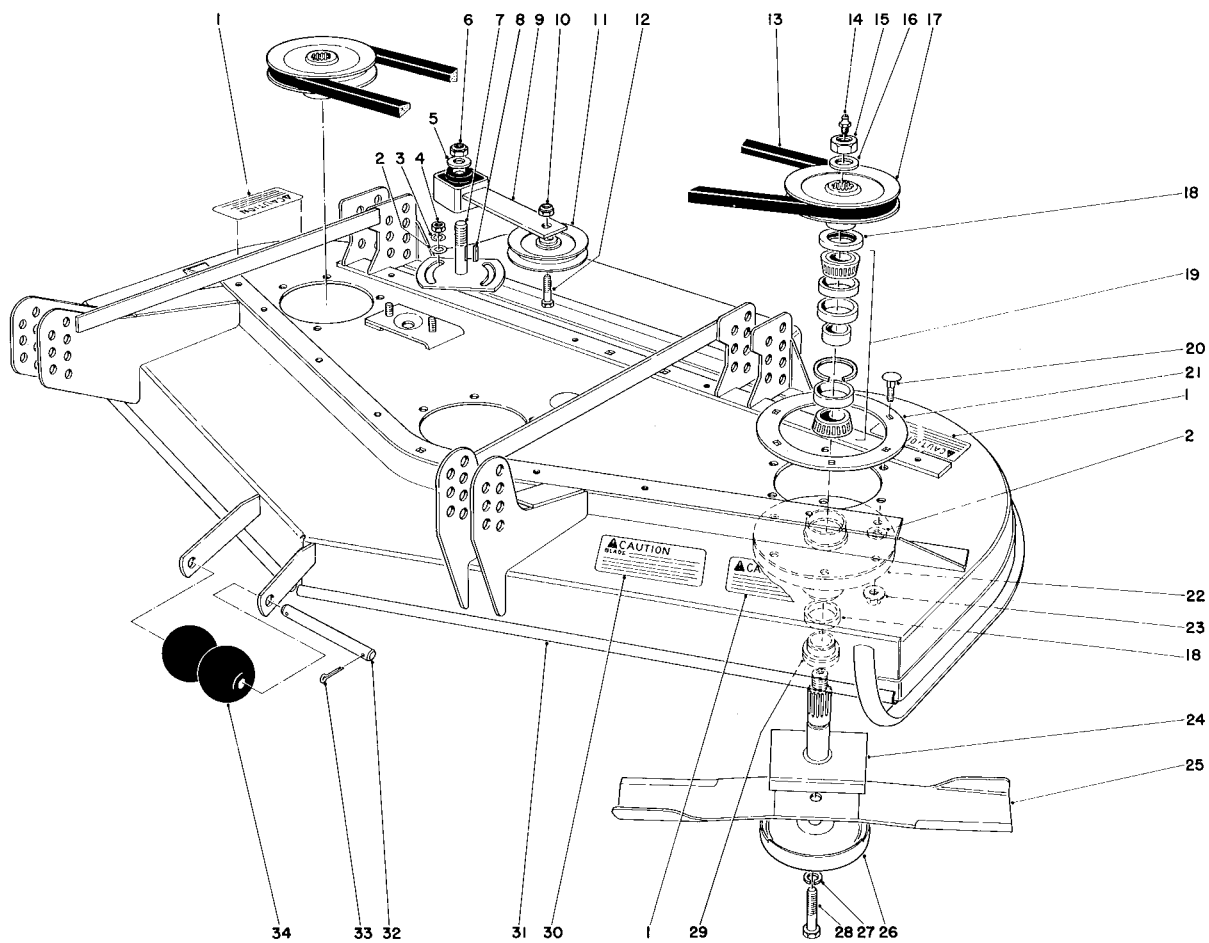
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3290-384	Lynch Pin	2	13	3216-15	Screw — Cap Hex. Hd.	2
2	44-2170	Frame — Deck Suspension (Incl. Ref. #5-6 & 19)	1	14	40-0370	Front Castor Fork	2
3	3290-355	Pin — Hair	4	15	302-55	Fitting — Grease	2
4	283-55	Pin Clevis	4	16	27-1050	Wheel Assy. (Incl. Ref. #9-12 & 15)	2
5	302-40	Grease Fitting	2	17	32146-20	Nut — Lock	2
6	256-101	Bushing	4	18	3-6781	Washer — Thrust	8
7	40-9520	Spacer — Split	4	19	28-9290	Bushing — Special	4
8	40-0330	Cushion — Rubber	2	20	302-5	Grease — Fitting	2
9	27-1210	Roller Bearing	2	21	3296-2	Locknut	4
10	27-1200	Spanner Bushing	2	22	42-6200	Shim Cushion	A/R
11	27-1180	Bearing Retainer	4	23	32122-28	Machine Screw Truss Head	4
12	27-1170	Thrust Washer	4				



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	3253-21	Lockwasher	9
4	3217-7	Nut	4
5	46-3380	Bolt — Shoulder	1
6	46-3190	End — Spring	1
7	46-3200	Spring — Extension	1
8	40-0300	Spacer	1
9	3290-355	Hair — Pin	1
10	323-11	Capscrew	2
11	46-2620	Bracket — Spring	1
12	3290-357	Nut — Lock Flange	3

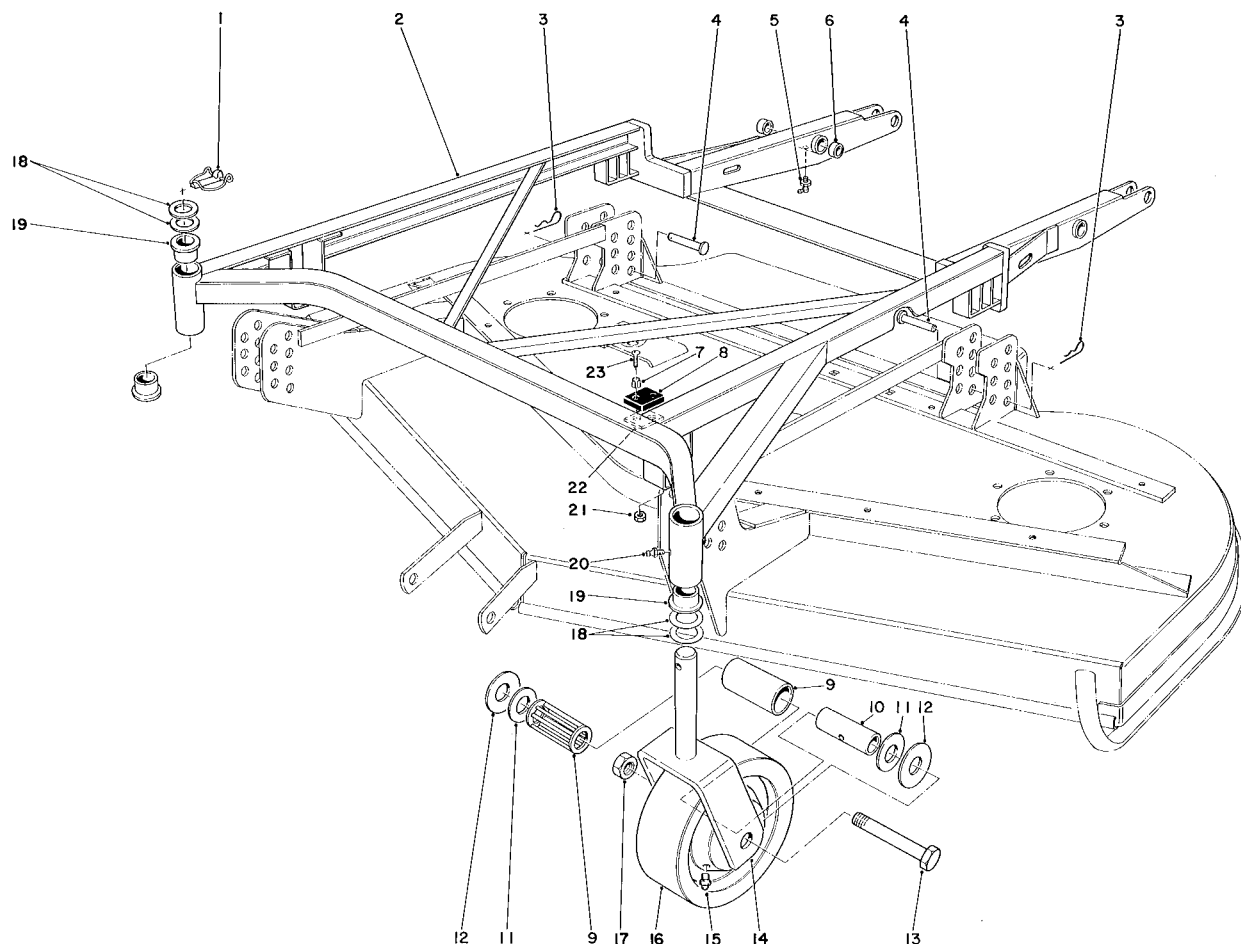
Ref. No.	Part No.	Description	No. Used
13	283-55	Pin — Clevis	1
14	8-0909	Gear Box Assembly	1
15	40-0360	Base — Gear Box	1
16	3274-1	Capscrew — Socket Hd.	5
17	27-6110	Pulley — Gear Box	1
18	3257-5	Key Woodruff	1
19	3231-21	Carriage Bolt	4
20	40-0390	Cover L.H.	1
21	42-6860	Decal — Height of Cut	1
22	27-6140	Bushing — Taper Lock	1
23	3245-9	Set Screw — Socket Hd.	1
24	44-6470	Decal — Caution	1



CUTTING UNIT MODEL NO. 30568

Ref. No.	Part No.	Description	No. Used
1	26-7970	Decal – Caution (Rotating Blades)	3
2	3256-24	Washer – Plain	A/R
3	3253-21	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	52-4580	Pulley – Idler	1
12	3211-8	Screw – Cap Hex Hd.	1
13	27-1160	V-Belt	1
14	302-2	Grease Fitting	3
15	32146-20	Nut – Hex Lock Jam	3
16	7-4150	Washer	3
17	27-0970	Pulley	3

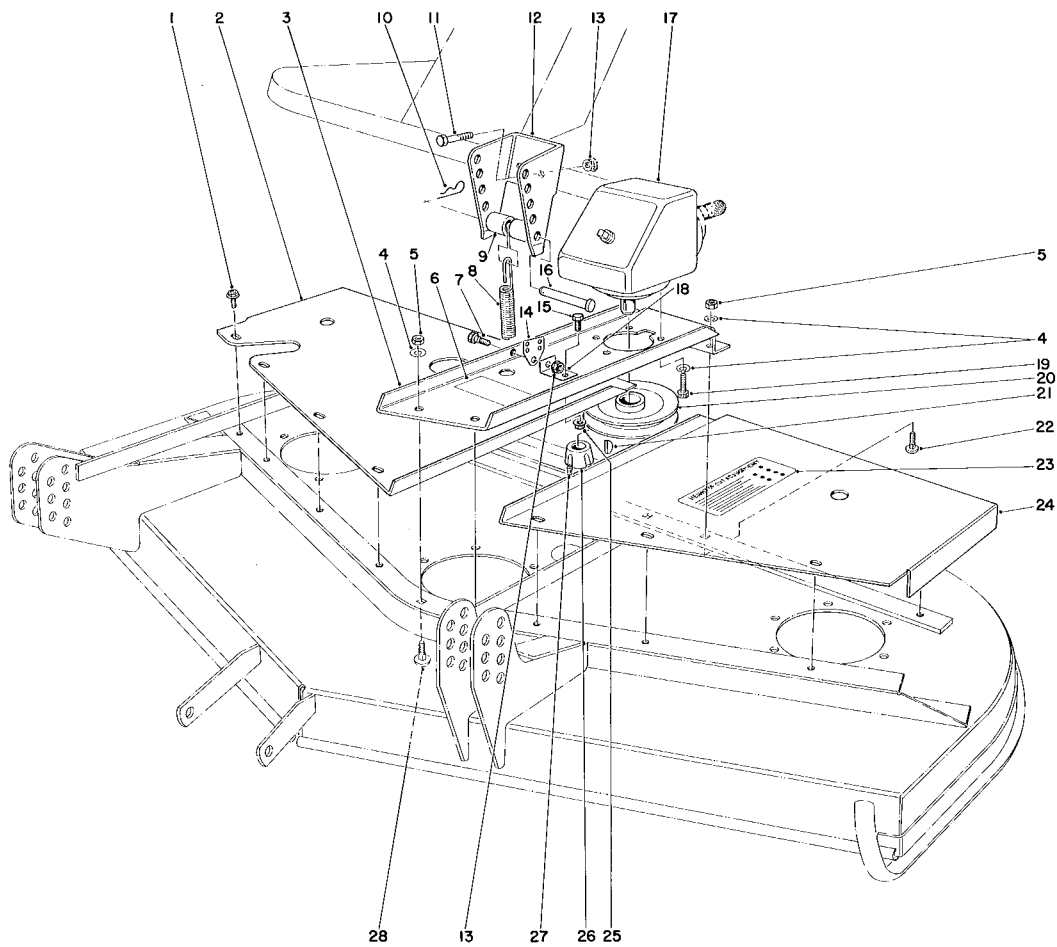
Ref. No.	Part No.	Description	No. Used
18	253-139	Seal – Wave	6
19	46-8530	Bearing Assembly	3
20	3231-22	Bolt – Carriage	18
21	27-7680	Ring Deck Support	2
22	27-0880	Housing – Spindle	3
23	32128-21	Nut – Locking Flange	18
24	27-0920	Spindle Shaft	3
25	27-0990	Blade	3
26	27-1000	Cup – Anti Scalp	3
27	3253-27	Washer – Lock	3
28	44-2200	Screw – Blade	3
29	27-0950	Spacer – Spindle Bearing	3
30	26-7960	Decal – Caution	1
31	42-4650	Cutting Deck	1
32	40-6400	Shaft – Roller	1
33	3272-11	Pin – Cotter	2
34	29-4820	Roller	2



CUTTING UNIT MODEL NO. 30568 (Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-384	Lynch Pin	2
2	44-2170	Frame — Deck Assembly (Incl. Ref. #5, 6 & 19)	1
3	3290-355	Pin — Hair	4
4	283-55	Pin Clevis	4
5	302-40	Grease Fitting	2
6	256-101	Bushing	4
7	40-9520	Spacer — Split	4
8	40-0330	Cushion Rubber	2
9	27-1210	Roller Bearing	2
10	27-1200	Spanner Bushing	2
11	27-1180	Bearing Retainer	4
12	27-1170	Thrust Washer	4

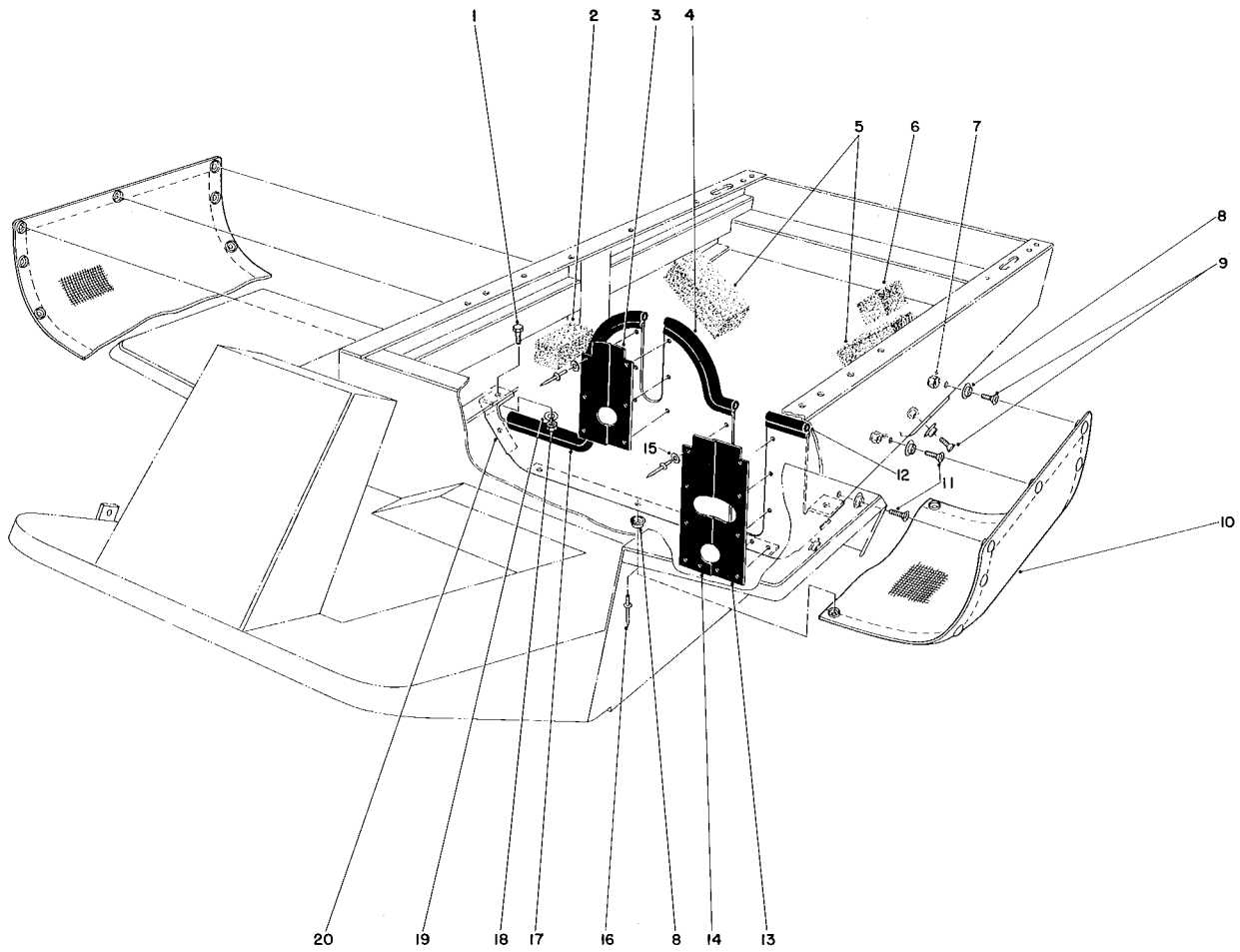
Ref. No.	Part No.	Description	No. Used
13	3216-15	Screw — Cap Hex. Hd.	2
14	40-0370	Front Castor Fork	2
15	302-55	Fitting — Grease	2
16	27-1050	Wheel Assembly (Incl. Ref. #9-12 & 15)	2
17	32146-20	Nut — Lock	2
18	3-6781	Washer — Thrust	8
19	28-9290	Bushing — Special	4
20	302-5	Fitting — Grease	2
21	3296-2	Nut — Lock	4
22	42-6200	Shim — Cushion	3
23	32122-28	Screw — Machine Truss Hd.	4



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	40-0360	Base — Gear Box	1
4	3253-21	Washer — Lock	9
5	3217-7	Nut	4
6	44-6470	Decal — Caution	1
7	46-3380	Shoulder Bolt	1
8	46-3200	Spring — Extension	1
9	40-0300	Spacer	1
10	3290-355	Pin — Hair	1
11	323-11	Capscrew	2
12	46-2620	Bracket — Spring	1
13	3290-357	Nut — Lock	3
14	46-3190	End — Spring	1

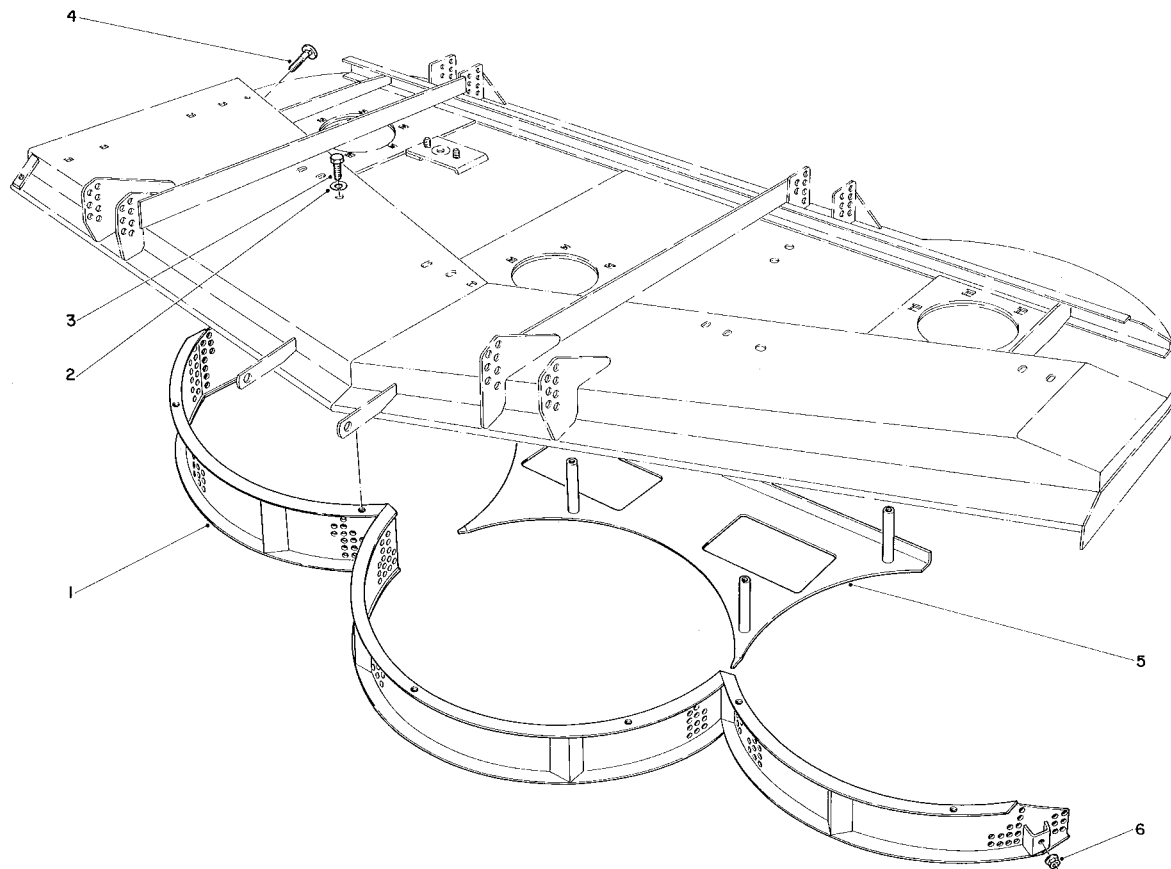
Ref. No.	Part No.	Description	No. Used
15	322-4	Screw — Cap Hex. Hd.	2
16	283-55	Clevis Pin	1
17	8-0909	Gear Box	1
18	46-3590	Bracket — Extension	1
19	3274-1	Capscrew Socket Hd.	5
20	27-6110	Pulley	1
21	3257-5	Key Woodruff	1
22	3231-2	Bolt — Carriage	2
23	42-6860	Decal — Height of Cut	1
24	42-4660	Cover L.H.	1
25	32128-20	Nut — Lock Flange Hex	2
26	27-6140	Bushing — Taper Lock	1
27	3245-9	Set Screw Socket Hd.	1
28	3231-27	Bolt — Carriage	2



ENGINE SHIELD KIT MODEL #30563

Ref. No.	Part No.	Description	No. Used
1	323-5	Screw – Cap Hex Hd.	4
2	46-8130	Foam Sides	2
3	46-8170	Flap – Rubber, Drive Coupling	2
4	46-8200	Seal Trim	1
5	46-8110	Foam – Rear	2
6	46-8120	Foam – Rear	1
7	3296-9	Nut – Lock	7
8	41-9060	Stud – Snap	16
9	32108-99	Screw – Flat Hd.	7
10	41-8920	Screen – Grass	1
11	32104-91	Screw Self Tapping Phillips Flat Hd.	4

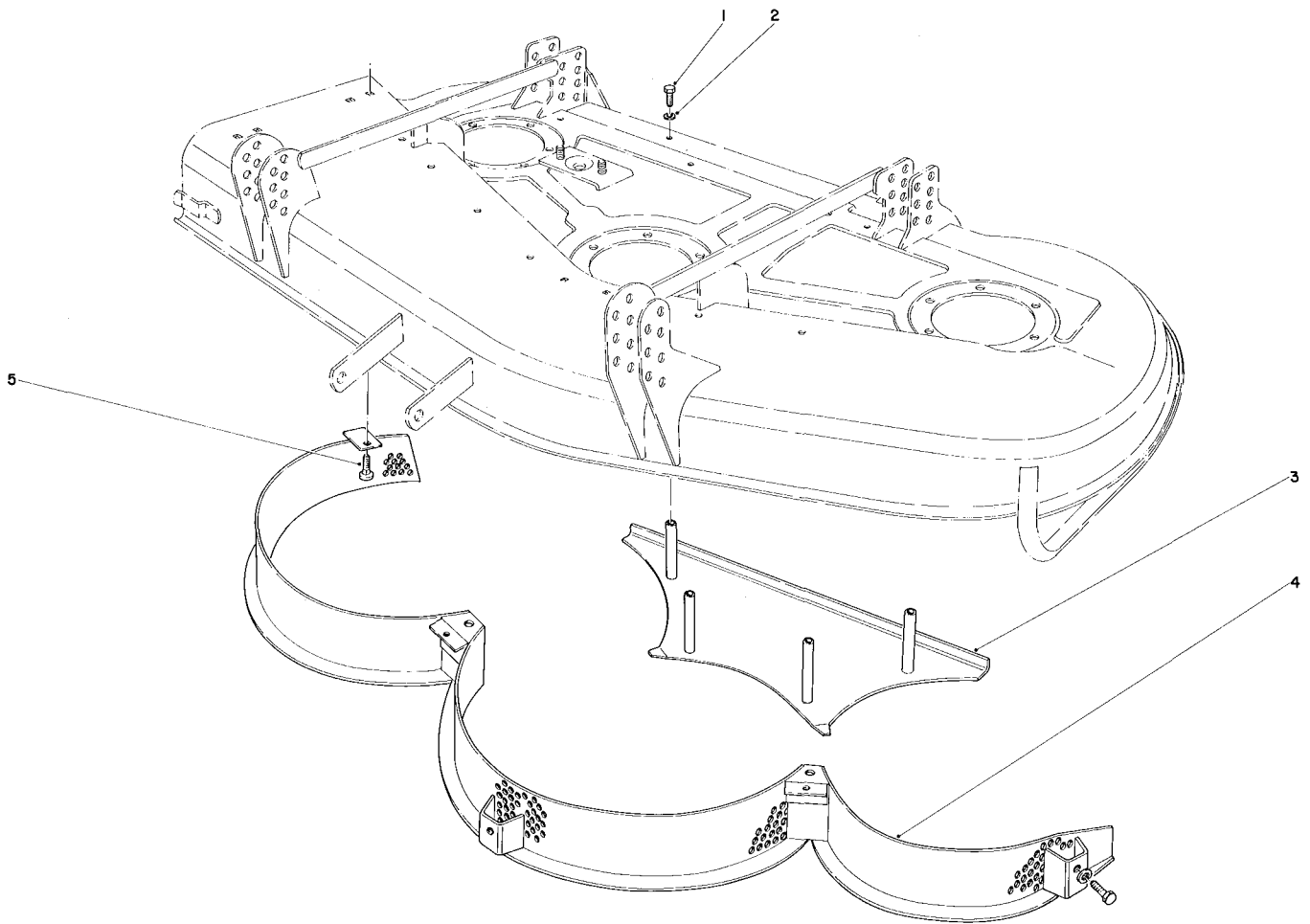
Ref. No.	Part No.	Description	No. Used
12	46-8190	Seal – Trim	1
13	46-8150	Flap – Rubber P.T.O. L.H.	1
14	46-8160	Flap – Rubber P.T.O. R.H.	1
15	5-1254	Washer	16
16	3290-55	Rivet – Pop	21
17	46-8210	Seal – Trim	1
18	3217-7	Nut	4
19	3253-29	Washer – Lock	4
20	46-8180	Shield Assembly Front (Incl. Ref. #3-4, 8, & 12-17)	1



MULCHER KIT MODEL NO. 30792 (Optional)
(Used With Model 30562 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

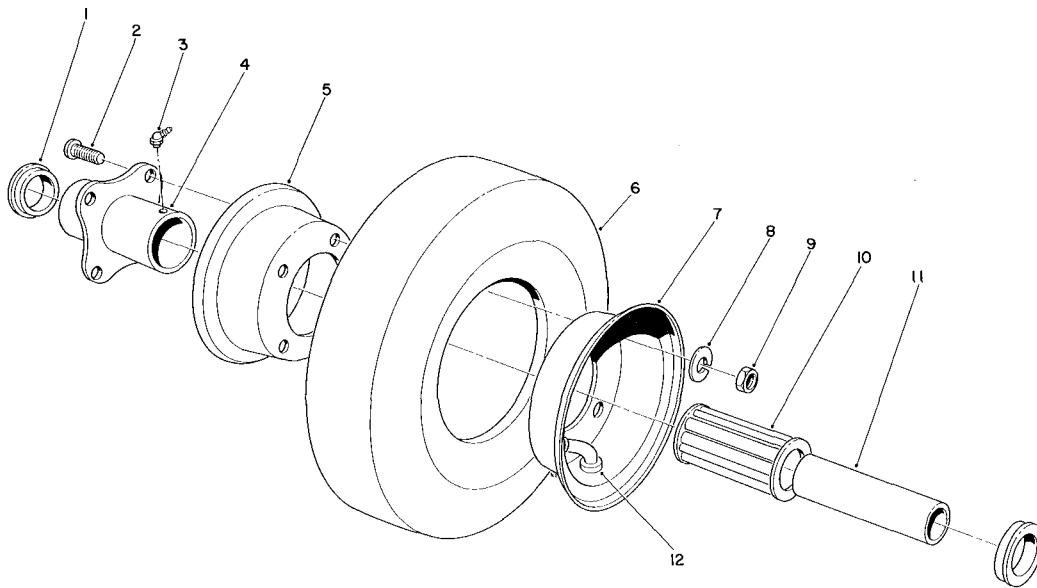
Ref. No.	Part No.	Description	No. Used
4	3230-2	Bolt – Carriage	1
5	46-3150	Shelf – Bottom Rear	1
6	3290-357	Nut – Lock Hex Flange	6



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

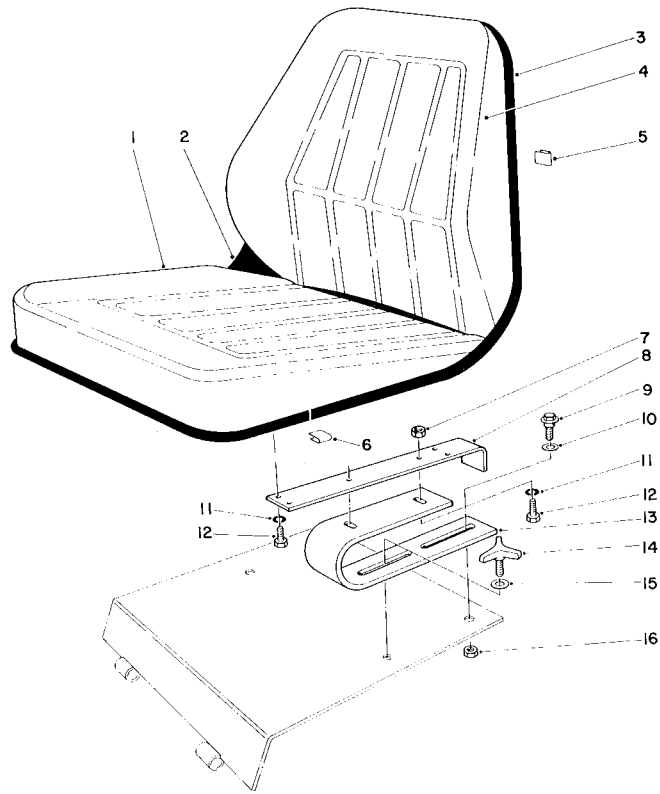


PNEUMATIC CASTER WHEEL ASSEMBLY (Optional)

Ref. No.	Part No.	Description	No. Used
1	54-8840	Retainer	2
2	54-8890	Bolt - Wheel	4
3	302-10	Fitting Grease	1
4	54-8830	Hub - Centered	1
5	54-8910	Wheel Half - Female	1
6	54-8870	Tire	1
7	54-8900	Wheel Half - Male	1

Ref. No.	Part No.	Description	No. Used
8	3253-4	Washer - Lock	4
9	3217-6	Nut - Hex	4
10	54-8850	Bearing - Roller Open Cage	1
11	54-8860	Bushing - Spanner	1
12	54-8880	Tube w/Valve	1
*	54-8820	Caster Assembly (Complete)	2

*Not Illustrated

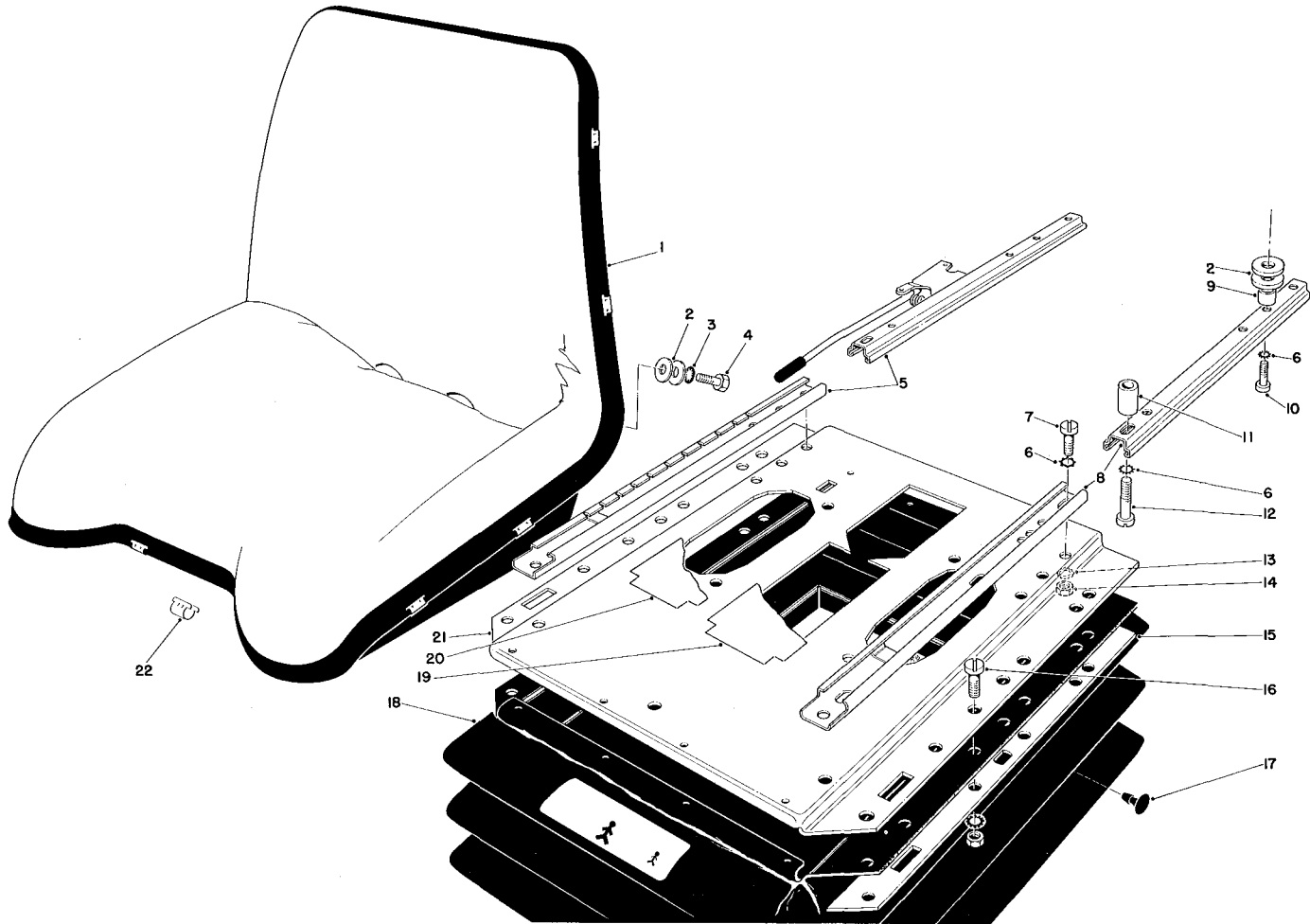


SEAT KIT NO. 30764

Ref. No.	Part No.	Description	No. Used
1	351-76	Seat – Cushion (Incl. Ref. #5 & 6)	1
2	351-77	Shell	1
3	351-78	Edging	2
4	351-75	Backrest (Incl. Ref. #5 & 6)	1
5	351-79	Clip	6
6	351-80	Clip	1
7	3217-6	Nut – Hex	4
8	46-9120	Mount – Seat	2

Ref. No.	Part No.	Description	No. Used
9	27-5240	Bolt – Shoulder	2
10	3256-26	Washer – Plain	2
11	3253-4	Washer – Lock	8
12	322-5	Screw – Cap Hex Hd.	8
13	46-9110	Spring – Seat	2
14	27-4570	Handle – Adjustment	2
15	36-8020	Washer	2
16	3296-39	Nut – Lock	2
*	49-8130	Seat Assembly (Incl. Ref. #1-6)	1

*Not Illustrated

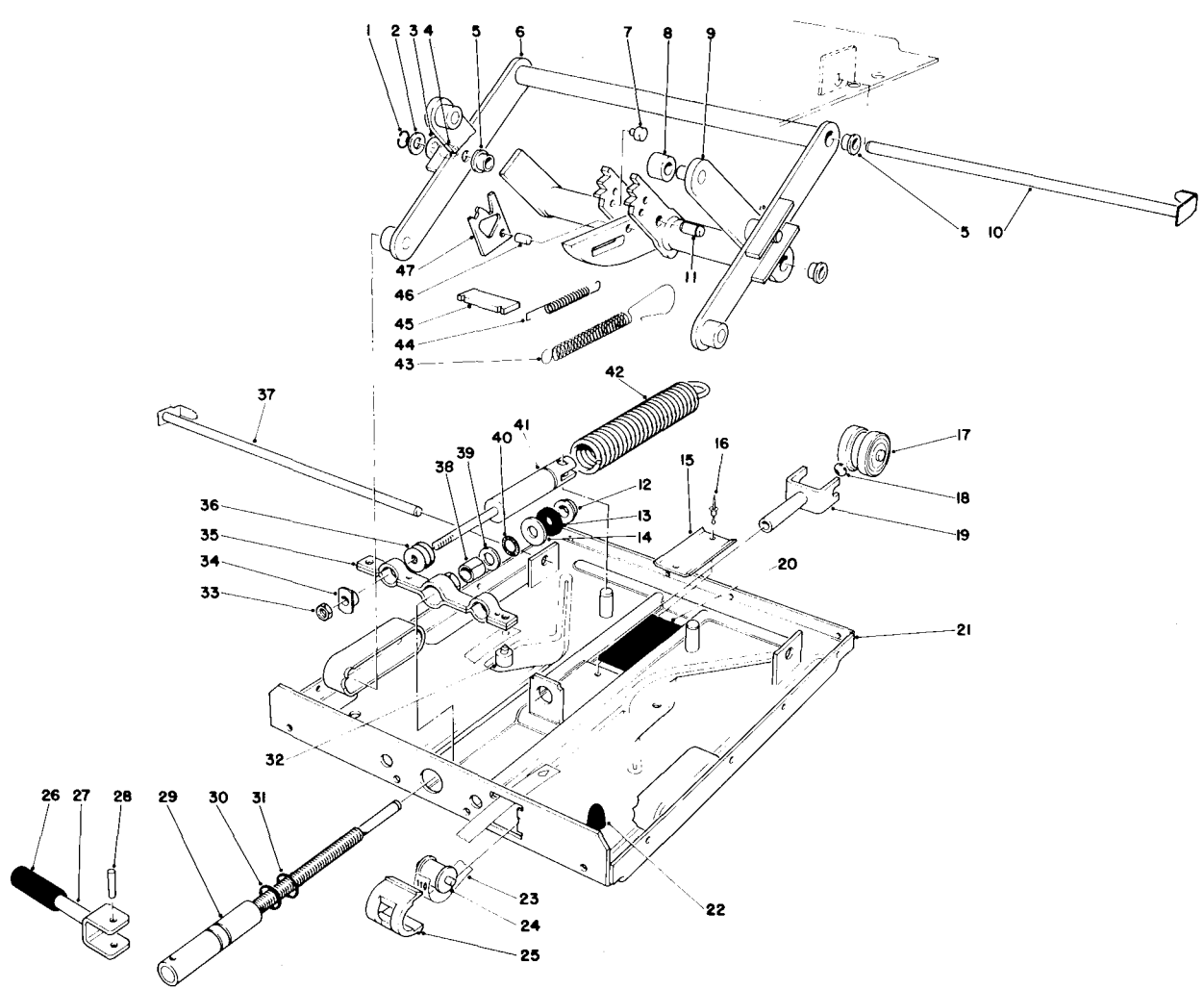


DELUXE SEAT KIT MODEL NO. 30786

Ref. No.	Part No.	Description	No. Used
1	39-5730	Seat Bucket Complete	1
2	39-5690	Washer 13 MM	8
3	39-5680	Serrated Washer	2
4	39-5670	Capscrew 7/16 – 20 U.N.F.	2
5	40-3790	Adjustment Track & Latch	1
6	40-3800	Serrated Washer	8
7	40-3810	Cylinder Bolt M8X16	4
8	40-3820	Adjustment Track	1
9	40-3830	Sleeve	2
10	40-3840	Cylinder Bolt M8X25MM	2
11	40-3850	Sleeve	2
12	40-3860	Cylinder Bolt	2

Ref. No.	Part No.	Description	No. Used
13	40-3870	Spring Washer	6
14	40-3880	Nut M8	6
15	40-3890	Trim	2
16	39-9220	Capscrew M8X16	6
17	39-5710	Plug	24
18	40-3900	Rubber Bellows	1
19	40-3910	Cover – Center	1
20	40-3920	Cover	2
21	40-3930	Upper Suspension Plate Complete	1
22	39-9540	Outside Bead Clip	13
*	37-9630	Seat ASM – Complete	1

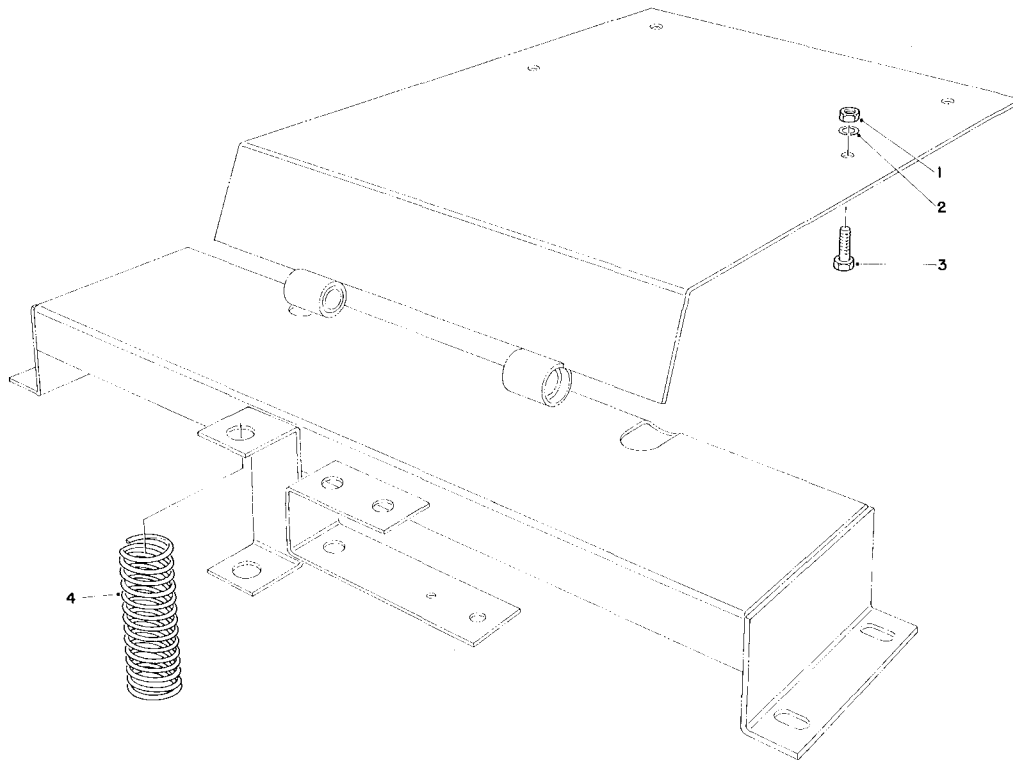
*Not Illustrated



DELUXE SEAT KIT MODEL NO. 30786 (Continued)

Ref. No.	Part No.	Description	No. Used
1	40-3950	Washer	2
2	39-9500	Washer 13 MM	2
3	40-3960	Washer	2
4	40-3970	Bearing Bushing	2
5	40-3980	Bearing	4
6	40-3990	Swing Arm -- Outside	1
7	40-4000	Bolt	2
8	40-4010	Roller	4
9	40-4020	Swing Arm Inside	1
10	40-4030	Pin	1
11	40-4040	Grooved Locking Pin Ø8X16MM	2
12	40-4050	Sleeve	1
13	40-4060	Rubber Washer	1
14	40-4070	Washer 8 MM	1
15	40-4080	U-Track	1
16	40-4090	Plate 4X 10MM	2
17	40-4100	Trible-Bearing	1
18	39-9310	Retaining Ring	1
19	40-4110	Fork	1
20	40-4120	Rubber Plate	1
21	40-4130	Lower Suspension Plate -- Complete (Incl. Ref. #15 - 16 & 20)	1
22	39-9520	Rubber Bumper	2

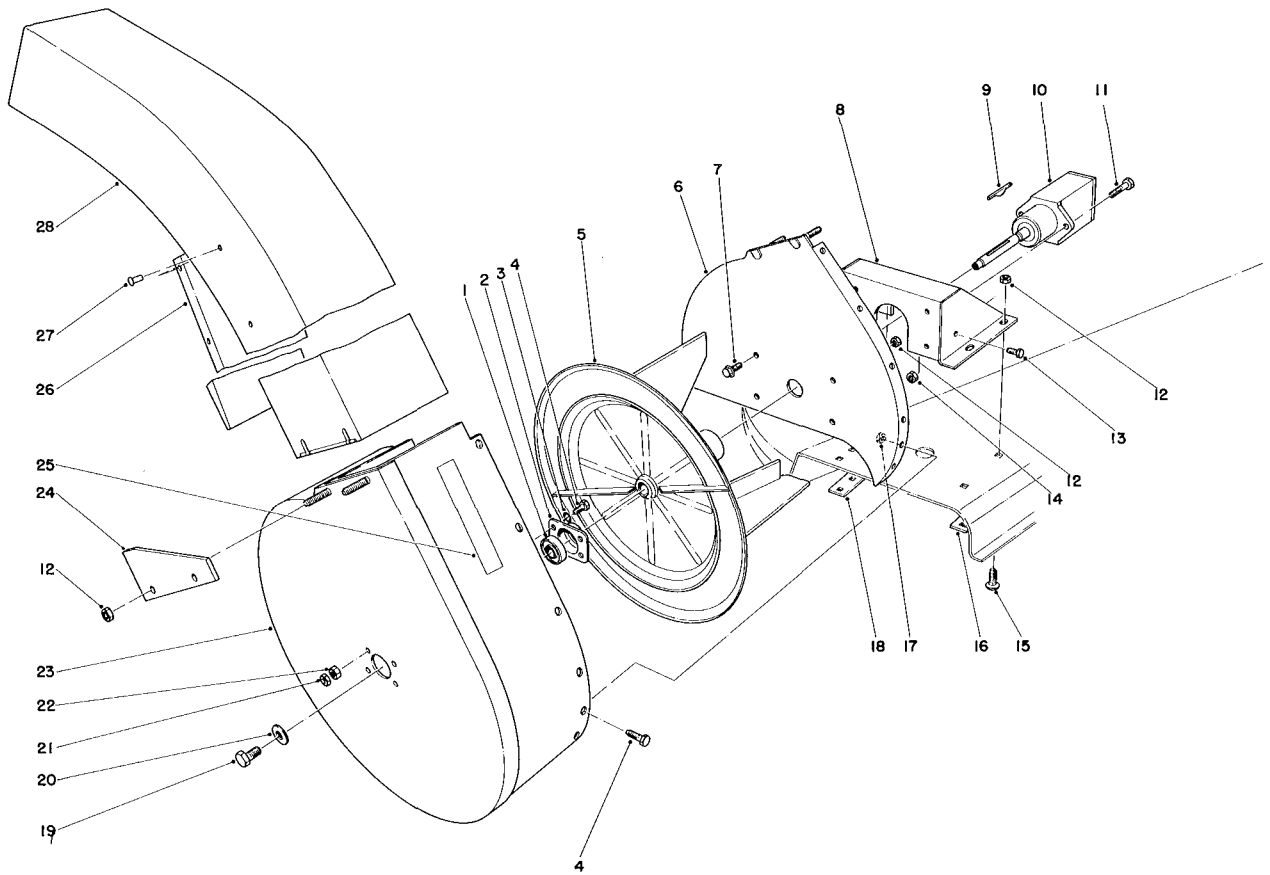
Ref. No.	Part No.	Description	No. Used
23	40-4140	Weight Indicator Band	1
24	40-4150	Roller	1
25	40-4160	Guide Sleeve	1
26	40-4170	Handle	1
27	40-4180	Toggle	1
28	40-4190	Grooved Pin 5X28MM	1
29	40-4200	Pin	1
30	40-4210	Rubber Ring 14MM Black	1
31	40-4220	Rubber Ring 14MM Red	1
32	40-4230	Plug	1
33	40-4240	Nut	2
34	40-4250	Weld Nut	2
35	40-4260	Spring Bracket	1
36	40-4270	Threaded Rod	2
37	40-4280	Pin	1
38	40-4290	Sleeve 14X 1X 19MM	1
39	40-4300	Washer	1
40	40-4310	Thrust Needle Bearing	1
41	40-4320	Shock Absorber	2
42	40-4330	Coil Spring	2
43	40-4340	Coil Spring	1
44	40-4350	Coil Spring	2
45	40-4360	Plate	1
46	40-4370	Bolt	1
47	40-4380	Release Bracket	2



DELUXE SEAT KIT MODEL NO. 30786 (Continued)

Ref. No.	Part No.	Description	No. Used
1	3217-6	Nut	4
2	3253-24	Lockwasher	4

Ref. No.	Part No.	Description	No. Used
3	322-3	Capscrew	4
4	37-9780	Spring — Compression	1

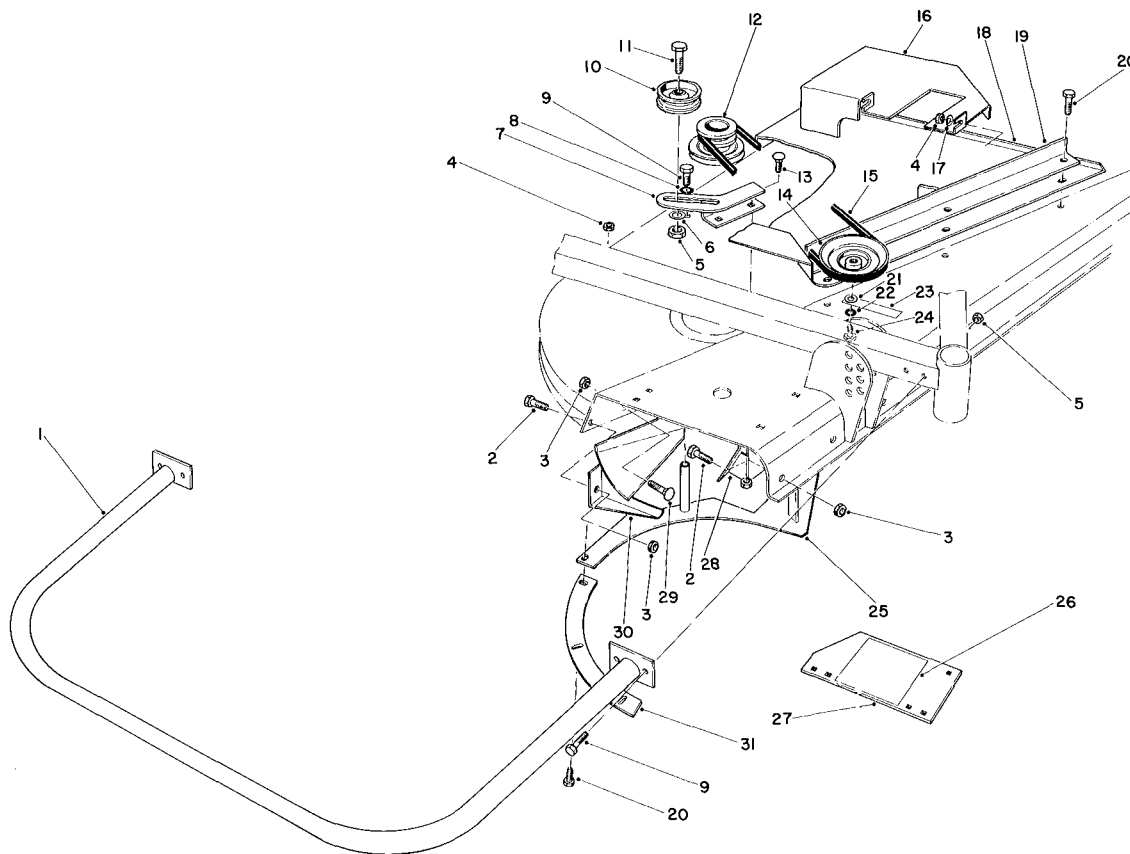


GRASS COLLECTION SYSTEM MODEL NO. 30557 (For Cutting Unit Model 30555)

Ref. No.	Part No.	Description	No. Used
1	38-7820	Ball Bearing	1
2	37-6730	Cup Bearing	1
3	3254-8	Washer – Lock Int. Tooth	4
4	321-3	Capscrew	14
5	43-0870	Impeller	1
6	44-5250	Mounting Plate	1
7	3234-5	Screw – Cap Hex Hd. Locking Flange	4
8	44-1050	Gear Box Bracket	1
9	3257-40	Key – Hi Pro	1
10	43-0810	Gear Box Assembly	1
11	323-6	Screw – Cap Hex Head	2
12	32152-1	Locknut	12
13	321-2	Capscrew	2
14	32152-2	Locknut	2
15	3230-1	Bolt Carriage	4
16	44-5450	Plate – Bracket R.H.	1

Ref. No.	Part No.	Description	No. Used
17	32152-4	Locknut	10
18	44-5460	Plate – Bracket L.H.	1
19	36-4030	Screw – Cap Hex Hd. Nylon Patch	1
20	43-0940	Spacer – Blower Hub	1
21	3218-1	Nut – Jam	4
22	3217-5	Nut – Hex	4
23	11-2839	Housing – Blower (Incl. Ref. #25)	1
24	43-0960	Bracket Chute	2
25	43-1110	Decal Warning	1
26		Deflector – Chute	1
27	3290-409	Rivet Pop	8
28	44-5300	Chute Assembly (Incl. Ref. #26 & 27)	1
*	46-8650	Template – Blower	1

*Not Illustrated

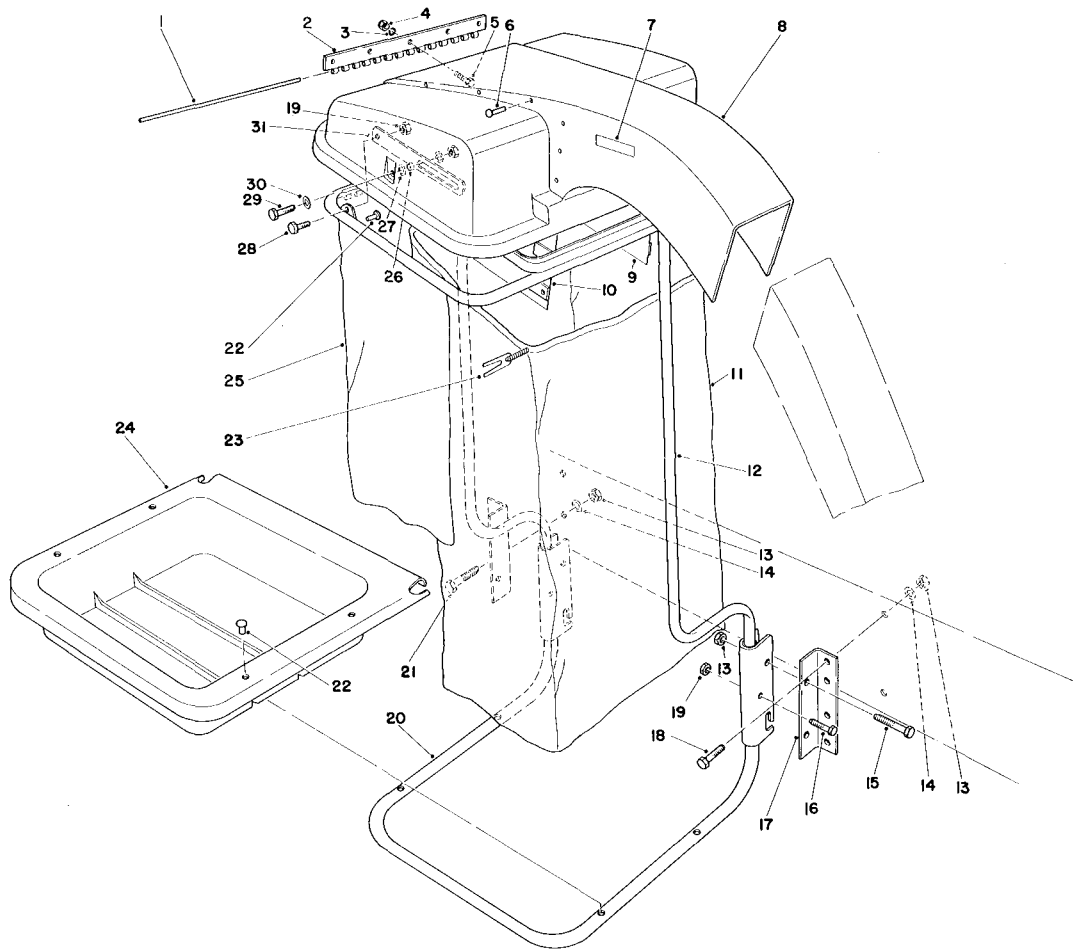


GRASS COLLECTION SYSTEM MODEL NO. 30557 (Continued)
(For Cutting Unit Model 30555)

Ref. No.	Part No.	Description	No. Used
1	44-7570	Bumper	1
2	322-4	Capscrew	4
3	32152-1	Locknut	6
4	32152-4	Locknut	6
5	32152-2	Locknut	5
6	3256-3	Washer	1
7	43-0970	Bracket Idler	1
8	3253-21	Lockwasher	4
9	323-6	Capscrew	8
10	43-1040	Pulley Idler	1
11	323-9	Capscrew	1
12	43-0770	Pulley	1
13	3231-25	Carriage Bolt	2
14	44-5350	Pulley	1
15	43-1030	V-Belt	1
16	43-1200	Cover Blower Drive	1
17	3256-16	Washer	2

Ref. No.	Part No.	Description	No. Used
18	43-1160	Cover – Right	1
19	43-1130	Spring Bracket	1
20	321-4	Capscrew	7
21	5-2958	Washer	1
22	3253-3	Lockwasher	1
23	43-1120	Decal Warning	1
24	3235-18	Capscrew – Locking Patch	1
25	44-7770	Rear Shelf	1
26	40-5730	Decal – Caution	1
27	44-5750	Cover Plate (Incl. Ref. #26)	1
28	46-2350	Front Deflector	1
29	3230-1	Bolt – Carriage	2
30	43-1060	Deflector Rear	1
31	44-7780	Shelf R.H.	1
*	44-5480	Blade – High Sail (18") Optional	3

*Not Illustrated



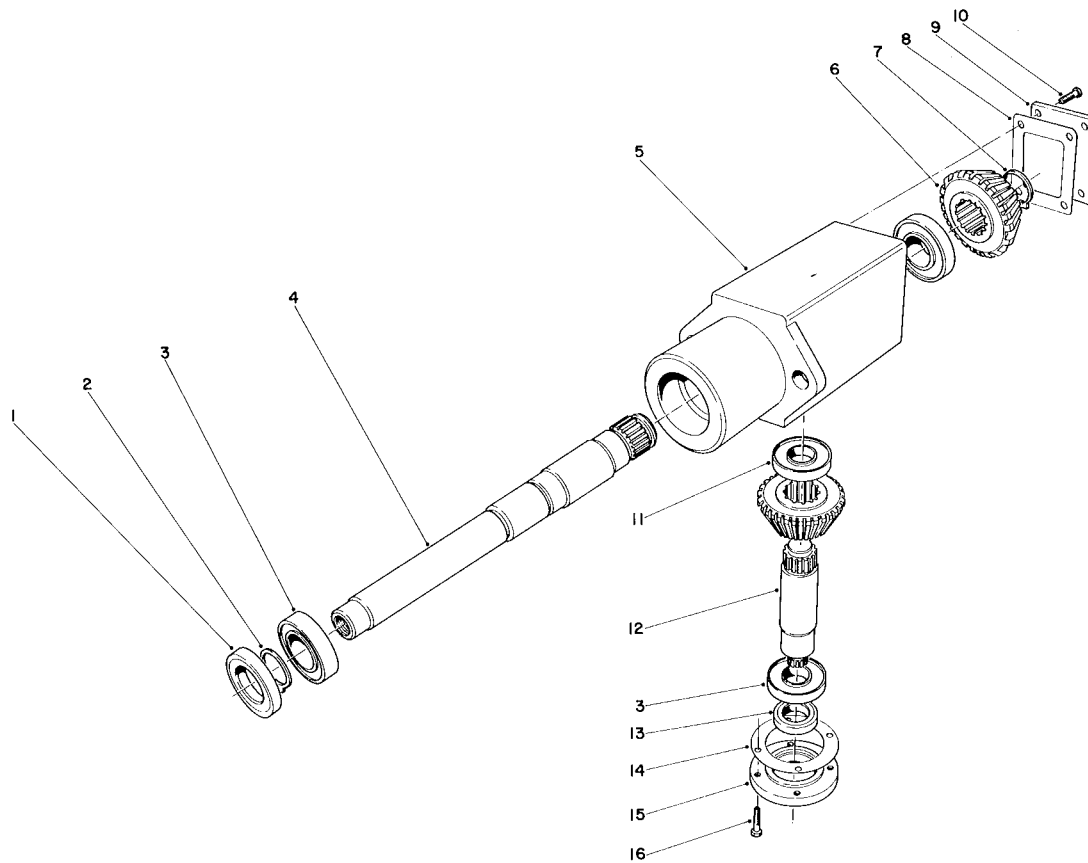
GRASS COLLECTION SYSTEM MODEL NO. 30557 (Continued)
(For Cutting Unit Model 30555)

Ref. No.	Part No.	Description	No. Used
1	43-1000	Hinge Pin Hood	1
2		Hinge – Half	1
3	3256-14	Washer	5
4	3296-2	Locknut	5
5	3290-134	Screw Machine	5
6	3290-412	Rivet	14
7	43-1100	Decal – Caution	2
8	11-2829	Hood Assembly (Incl. Ref. #2-7, 9 & 10)	1
9	43-0600	Screen Left Hand	1
10	43-0570	Screen Right Hand	1
11	43-0990	Bag – Cloth 32"	1
*	43-0980	Bag – Cloth 38" (optional)	1
12	43-0620	Support Tube Assy. Upper (Incl. Ref. #22 & 25)	1
13	32152-2	Locknut	12
14	3256-3	Washer	8
15	323-11	Capscrew	4
16	322-11	Capscrew	2

Ref. No.	Part No.	Description	No. Used
17	43-1010	Bracket – Frame	4
18	323-7	Capscrew	7
19	32152-1	Locknut	6
20	43-0720	Support Tube Assy. – Lower (Incl. Ref. #22 & 24)	1
21	323-10	Capscrew	1
22	3290-409	Rivet Pop	21
23	3-2781	Retainer – Cord	1
*+	36-7770	Cord Retainer (optional)	1
24		Tray Lower	1
25		Skirt – Bagging Frame	1
26	43-1020	Spacer	2
27	3256-57	Washer	4
28	322-3	Capscrew	2
29	322-4	Capscrew	2
30	3256-56	Washer	2
31	43-1050	Stop – Hood	2
*	44-9720	Template Bracket	1

* Not Illustrated

+For use with 30 gallon plastic bags.



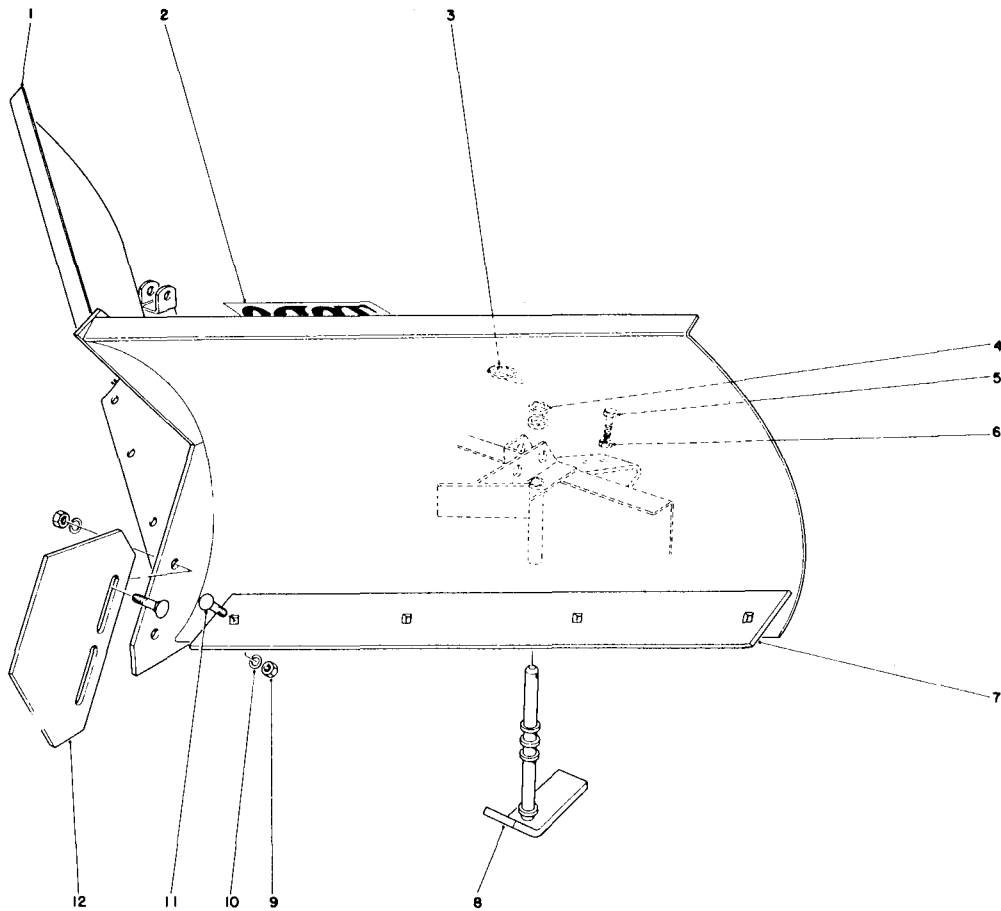
GRASS COLLECTION SYSTEM MODEL NO. 30557 (Continued)
(For Cutting Unit Model 30555)

Ref. No.	Part No.	Description	No. Used
1	788029	Oil Seal	1
2	788019	Snap Ring	1
3	780034	Ball Bearing	3
4	776211	Shaft, Output	1
5	770026	Housing, Right Angle Drive	1
6	778046	Gear, Miter	2
7	788018	Ring, Snap	1
8	788028	Gasket, Cover	1
9	772035	Cover	1
10	792025	Screw, Rd. Hd. Self Tapping	4

Ref. No.	Part No.	Description	No. Used
11	780024	Bearing, Ball	1
12	776210	Shaft, Input	1
13	788031	Seal, Oil	1
14	788030	Gasket, Cap	1
15	786029	Cap & Seal Assembly (Incl. Ref. #13 & 16)	1
16†	321-5	Screw, Hex Hd.	4
*†	43-0810	Gear Box Assembly — Complete (Incl. Ref. #1-16)	1

*Not Illustrated

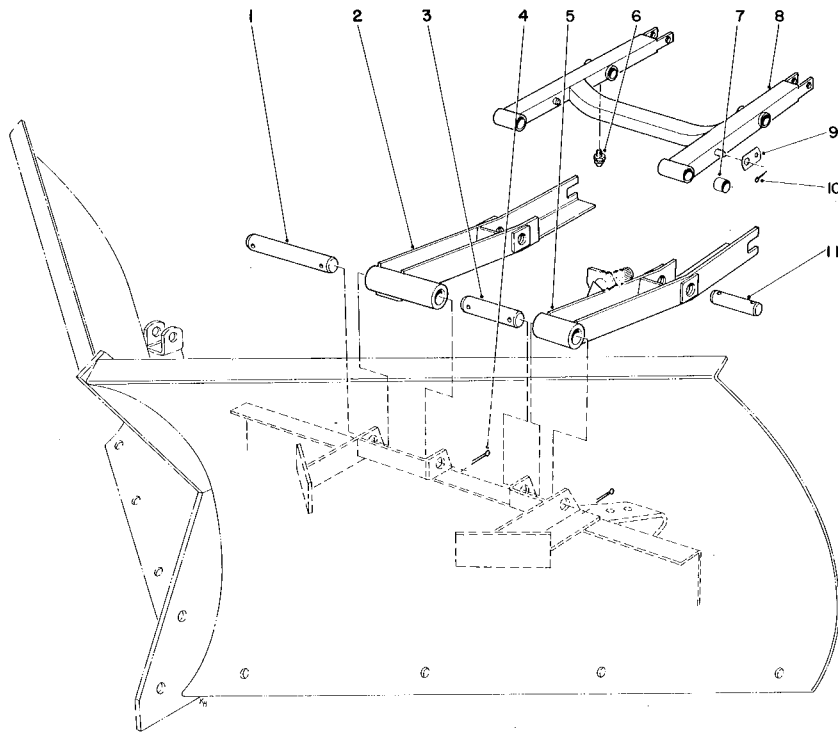
†Obtain from your local Toro Dealer. Obtain all other parts from your local Peerless Dealer.



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

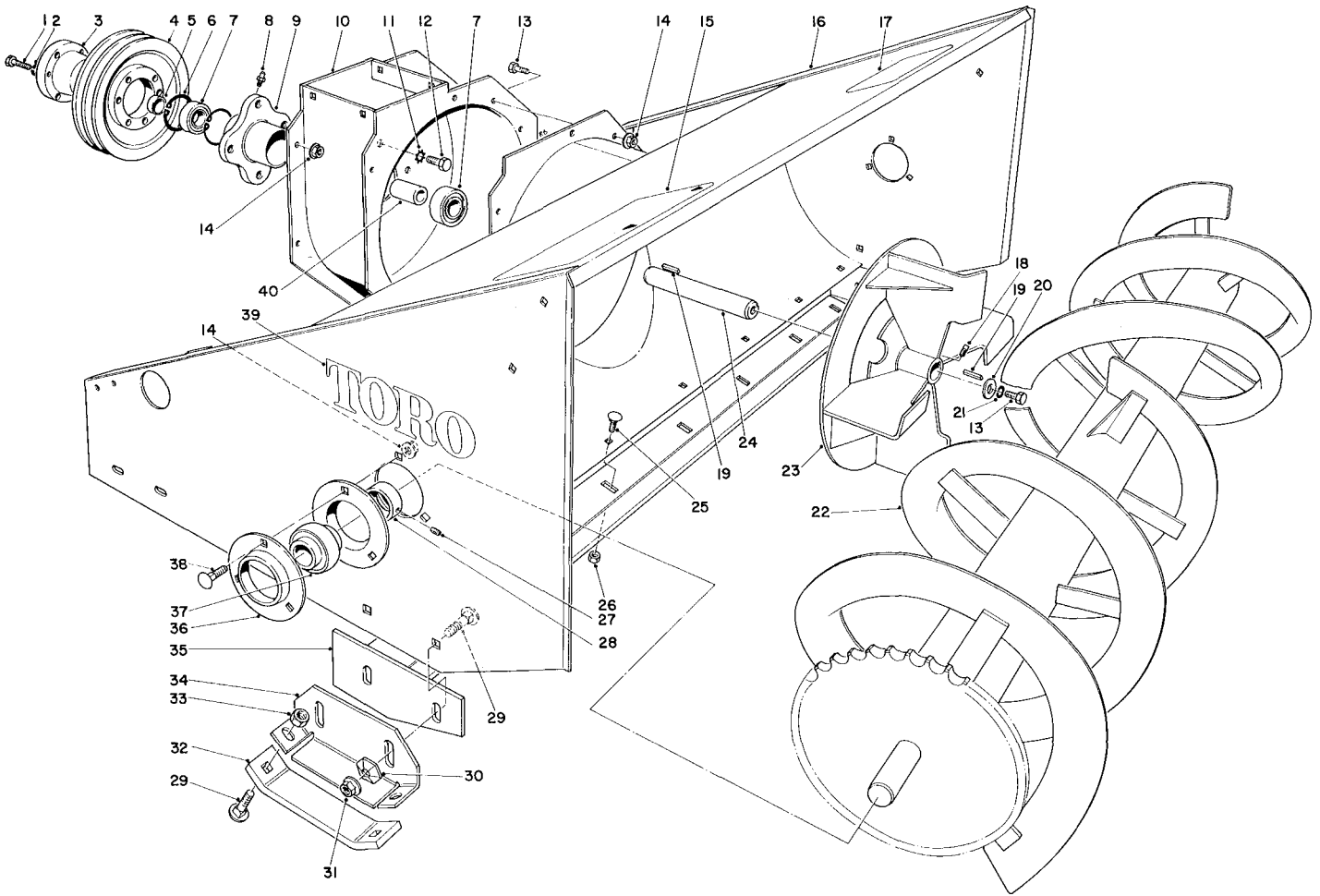


V-PLOW INSTALLATION KIT MODEL NO. 30755 (Optional)

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
*	28-5470	Tire Chains	2

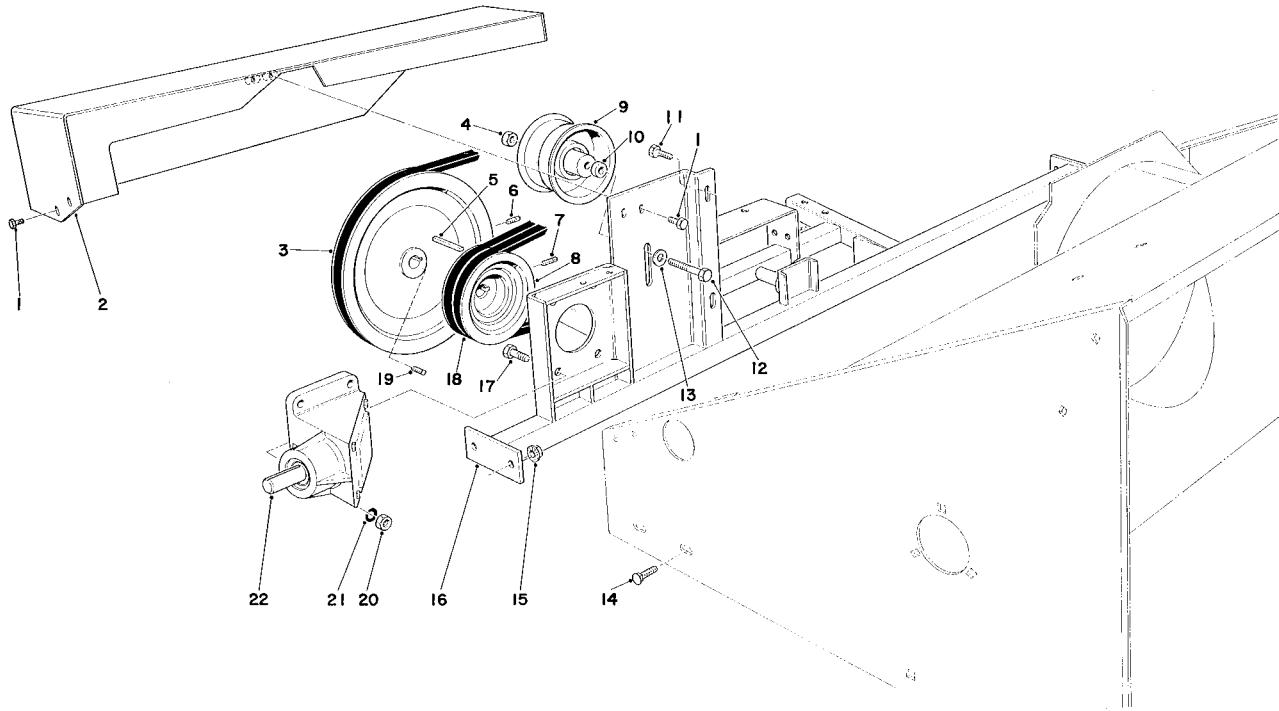
†Parts must be ordered separately for mounting V-Plow on Model No. 30790.



48" SNOWTHROWER MODEL NO. 30570 (Optional)

Ref. No.	Part No.	Description	No. Used
1	321-3	Screw, Cap Hex Hd.	3
2	3253-3	Lockwasher	3
3	46-3650	Hub – "QD" (Incl. Ref. #1 & 2)	1
4	46-3640	Pulley – "QD"	1
5	37-5170	Spacer	1
6	32151-20	Snap Ring	2
7	251-276	Bearing	2
8	302-11	Grease Fitting	1
9	32-4950	Housing Spindle	1
10	39-5030	Blower Housing	1
11	3255-2	Lockwasher	4
12	3213-20	Capscrew	4
13	322-3	Capscrew	9
14	32128-20	Flange Nut	16
15	46-5860	Decal – Rear Weight	1
16	39-5010	Auger Housing	1
17	29-6350	Decal – Warning	1
18	3243-1	Square Head Setscrew	2
19	31-0700	Square Key	2
20	3-6715	Flat Washer	1

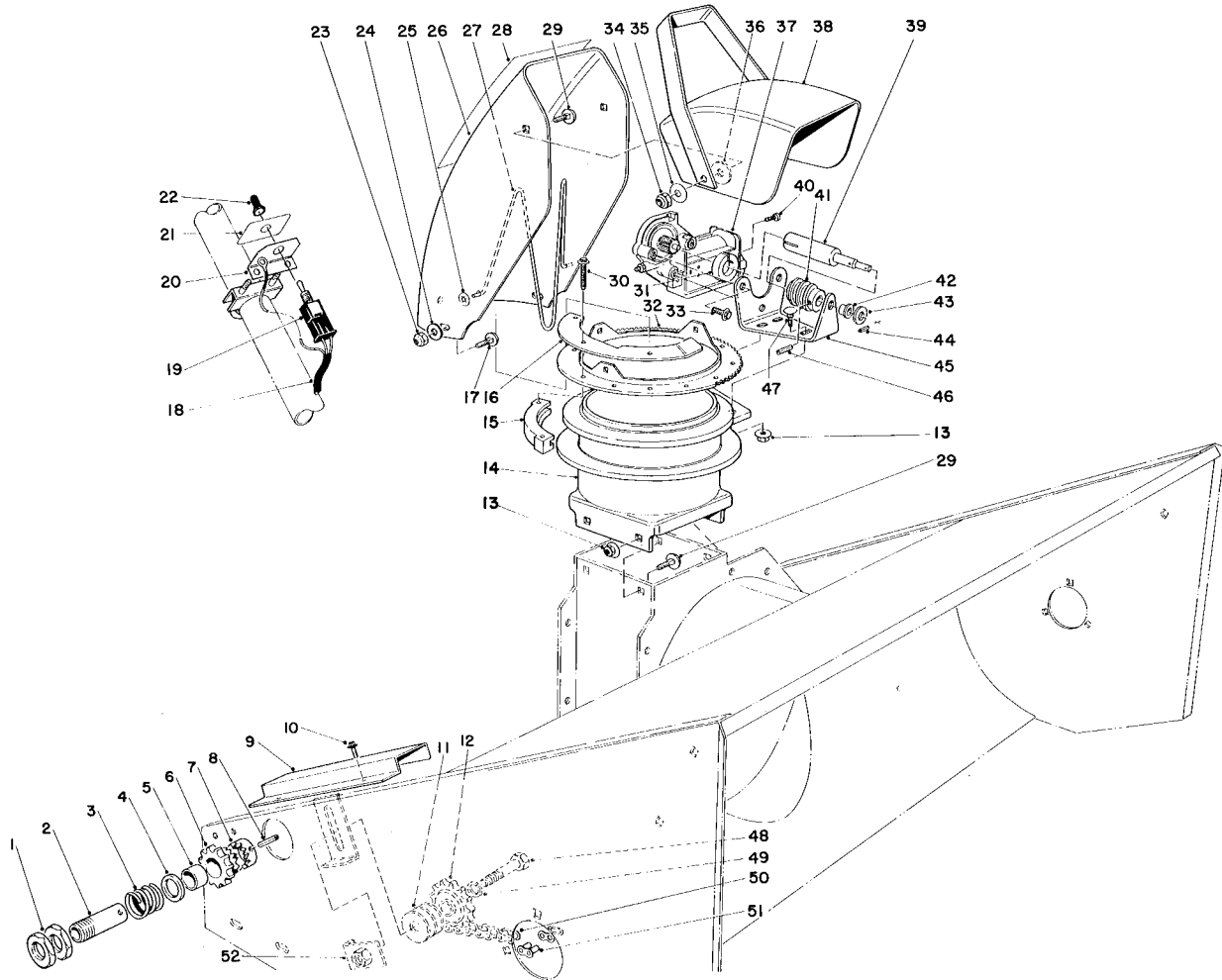
Ref. No.	Part No.	Description	No. Used
21	3253-4	Lockwasher	1
22	32-6140	Auger	1
23	32-6130	Impeller	1
24	37-5240	Shaft – Impeller	1
25	3230-19	Carriage Bolt	7
26	3296-47	Locknut	7
27	3245-1	Set Screw	2
28	251-77	Locking Collar	2
29	3231-2	Carriage Bolt	8
30	3290-224	Pyramidal Lockwasher	4
31	32128-18	Flange Nut	4
32	37-5110	Skid – Shoe	2
33	32152-2	Locknut	4
34	37-4950	Skid – Mount Plate	2
35	37-5380	Scraper	1
36	251-287	Flange	4
37	251-253	Bearing (Incl. Ref. #27 & 28)	2
38	3230-18	Carriage Bolt	6
39	27-4600	Decal – Toro	2
40	31-0540	Sleeve	1



48" SNOWTHROWER MODEL NO. 30570 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3234-13	Flange Screw	4
2	37-5510	Belt Shield	1
3	32-4480	Sheave	1
4	32152-2	Locknut	1
5	3-0971	Key	1
6	3242-2	Sq. Hd. Setscrew	1
7	3242-6	Sq. Hd. Setscrew	2
8	37-5090	Pulley – Gear Box	1
9	37-5760	Idler Pulley	1
10	37-5210	Spacer – Idler	1
11	322-3	Capscrew	2

Ref. No.	Part No.	Description	No. Used
12	323-11	Capscrew	1
13	3256-3	Flatwasher	1
14	3231-30	Carriage Bolt	4
15	3290-357	Hex Locknut	4
16	37-5400	Cross Brace	1
17	323-7	Capscrew	4
18	37-5670	V-Belt (Matched Set of 2)	1
19	3242-4	Sq. Hd. Setscrew	1
20	3217-7	Hexnut	4
21	3253-21	Lockwasher	4
22	37-5410	Gear Box Assembly	1

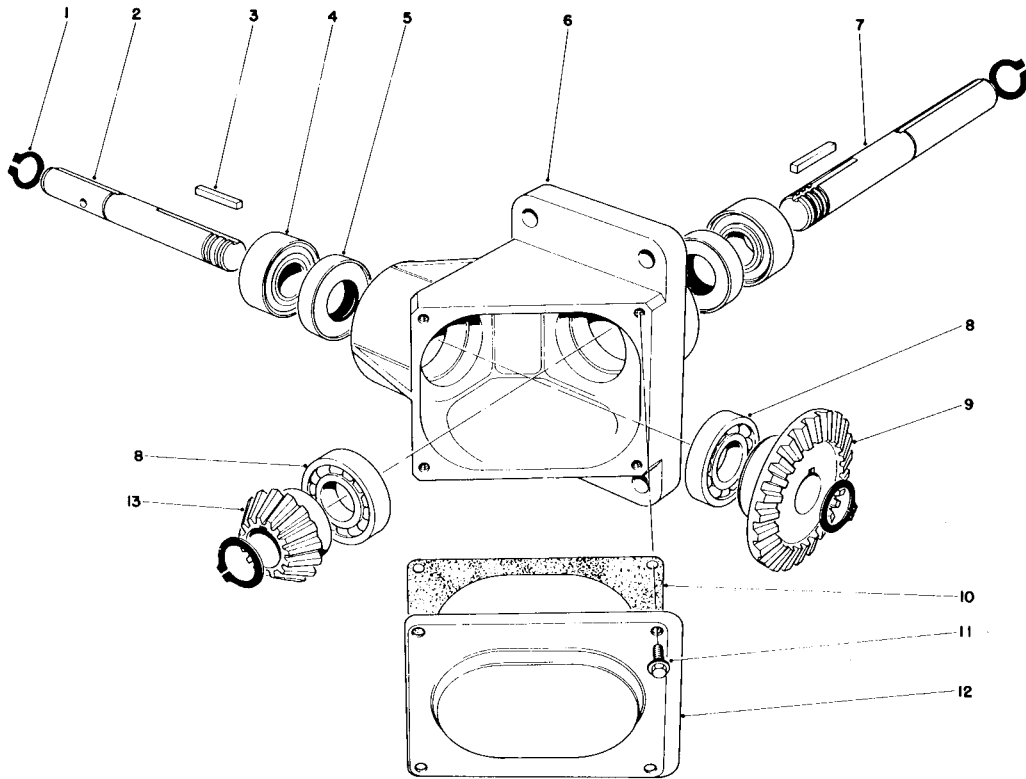


48" SNOWTHROWER MODEL NO. 30570 (Optional)

Ref. No.	Part No.	Description	No. Used
1	37-5720	Nut – Thin	2
2		Clutch Sleeve	1
3		Spring Compression	1
4		Spacer	1
5		Bushing	1
6		Clutch Sprocket	1
7		Clutch Collar	1
8	32121-34	Roll Pin	1
9	32-1620	Chain Cover	1
10	32104-76	Self-Tapping Screw	2
11	3256-7	Flatwasher	3
12	30-0090	Idler Sprocket	1
13	3290-357	Locknut	7
14	39-4870	Chute Transition	1
15	25-5450	Swivel Block	6
16	39-4900	Stop-Chute Rotator	1
17	3230-18	Carriage Bolt	3
18	39-4990	Wire Harness	1
19		Toggle Switch	1
20		Toggle Switch Mount	1
21	39-4970	Decal – Chute Rotation	1
22	218-473	Toggle Switch Boot	1
23	3296-47	Locknut	3
24	3256-23	Flatwasher	3
25	3290-326	Pushnut	2
26	25-5440	Upper Chute	1
27	12-2040	Chute Wire	1
28	29-6350	Decal – Warning	1

Ref. No.	Part No.	Description	No. Used
29	3231-27	Carriage Bolt	6
30	27-0220	Special Screw	12
31	39-4940	Collar	1
32	39-4890	Ring – Chute Swivel	1
33	3234-13	Flange Screw	3
34	32152-2	Locknut	2
35	3290-340	Belleville Washer	2
36	20-4320	Rubber Washer	2
37	39-4920	Gearmotor	1
38	11-7120	Deflector	1
39	39-4930	Shaft – Worm Gear	1
40	3274-26	Socket Head Screw	1
41	8-8600	Worm Gear	1
42	256-255	Bushing	1
43	3256-1	Flatwasher	2
44	32121-20	Roll Pin	1
45	39-4910	Motor Mount	1
46	32121-50	Roll Pin	1
47	3231-2	Carriage Bolt	3
48	327-6	Capscrew	1
49	3253-8	Lockwasher	1
50	30-0160	Chain – Roller	1
51	2710-11	Connecting Link	1
52	30-0450	Nut Plate	1
*	37-5640	Slip Clutch (Incl. Ref. #1-8)	1
*	39-4950	Toggle Switch Assembly (Incl. Ref. #19-22)	1

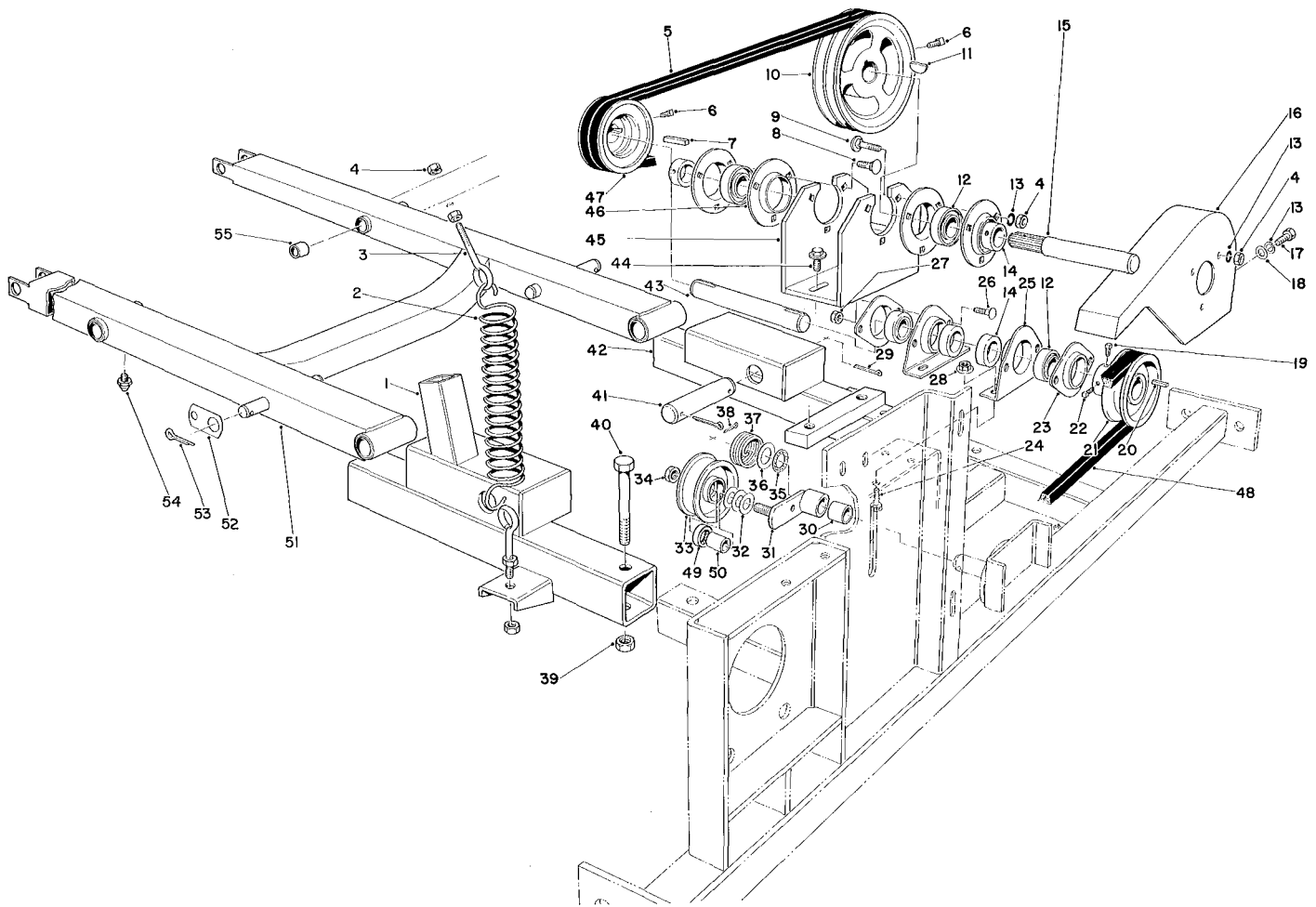
*Not Illustrated



48" SNOWTHROWER MODEL NO. 30570 (Optional)

Ref. No.	Part No.	Description	No. Used
1	32120-72	Retaining Ring	4
2	30-0590	Shaft	1
3	30-0660	Key	2
4	30-0630	Bearing	2
5	30-0640	Oil Seal	2
6	30-0650	Housing	1
7	37-5840	Shaft	1

Ref. No.	Part No.	Description	No. Used
8	30-0620	Bearing	2
9	30-0670	Gear	1
10	30-0680	Gasket – Cover Plate	1
11	12-3270	Screw Special	4
12	30-0690	Cover Plate	1
13	30-0600	Gear	1



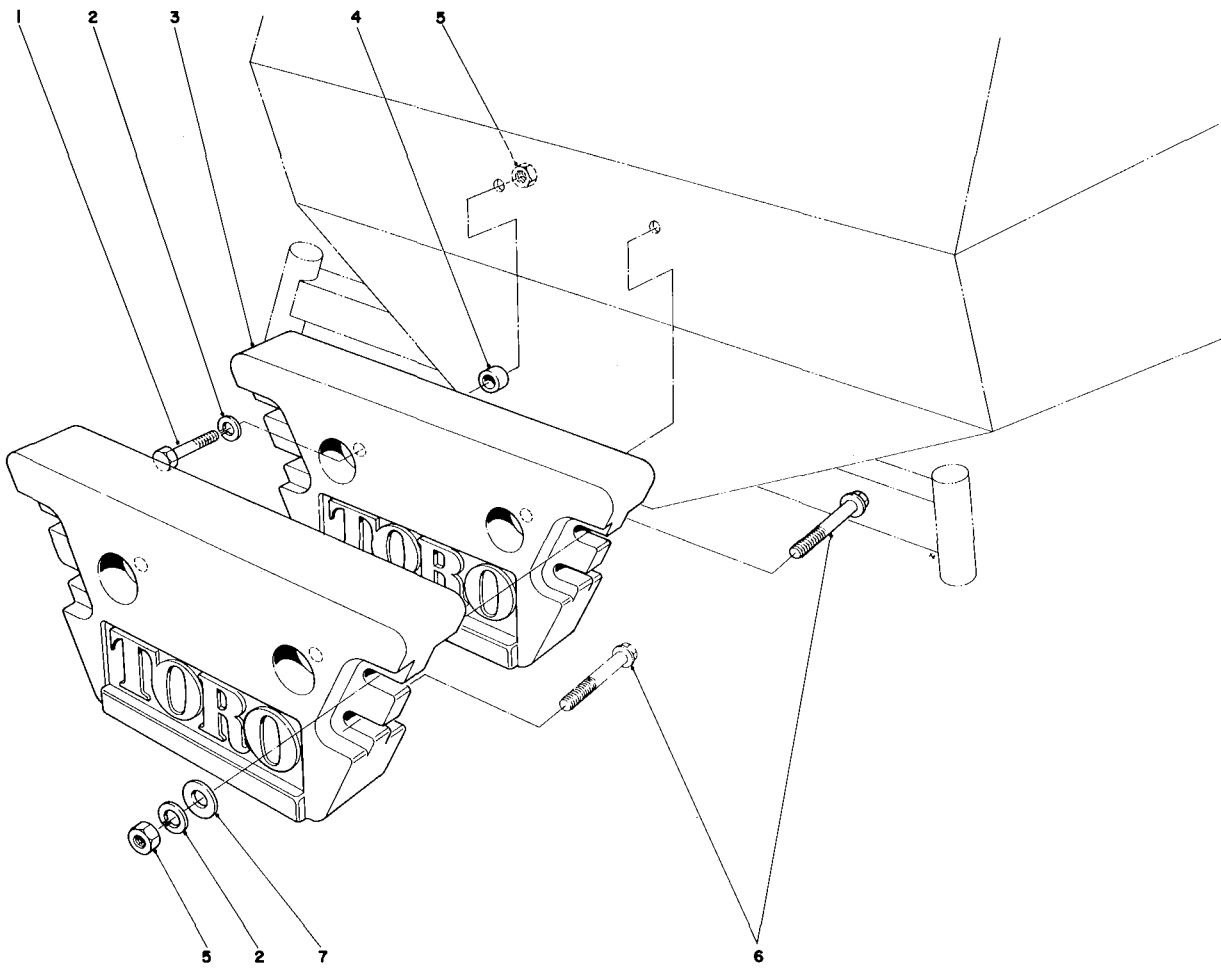
48" SNOWTHROWER ADAPTER KIT MODEL NO. 30572

Ref. No.	Part No.	Description	No. Used
1	37-5600	Adapter R.H.	1
2	30-1020	Spring – Extension	2
3	30-0980	Eye Bolt	4
4	3217-6	Hex Nut	17
5	37-5650	V-Belt (Matched Set)	1
6	3242-6	Square Head Setscrew	4
7	3-3267	Square Key	1
8	3230-16	Carriage Bolt	3
9	3230-4	Carriage Bolt	3
10	37-5340	Pulley	1
11	3257-8	Key – Woodruff	1
12	251-253	Bearing (Incl. Ref. #14)	4
13	3253-24	Lockwasher	11
14	251-77	Collar	4
15	39-4370	Jackshaft	1
16	37-5580	Belt Shield	1
17	322-3	Capscrew	2
18	3256-23	Washer	2
19	3242-1	Square Head Setscrew	1
20	5-7280	Key – Square	1
21	32-1790	Sheave	1
22	3242-2	Square Head Setscrew	1
23	251-285	Flange	2
24	323-4	Capscrew	4
25	251-286	Flange	2
26	3230-1	Carriage Bolt	4
27	32128-20	Nut – Flange	4
28	3290-357	Nut – Flange	4
29	3272-52	Cotter Pin	4
30	31-0680	Bushing Bronze	1

Ref. No.	Part No.	Description	No. Used
31	37-5470	Idler Arm (Incl. Ref. #30)	1
32	3256-27	Washer	3
33	32-1450	Idler Pulley	1
34	30-8670	Locknut	1
35	31-7620	Felt Washer	1
36	31-0210	Washer	1
37	31-9500	Spring – Torsion	1
38	3272-23	Pin – Cotter	1
39	32152-2	Locknut	2
40	323-11	Capscrew	2
41	37-5160	Pin	2
42	37-5620	Adapter L.H.	1
43	37-5250	Jackshaft	1
44	3234-12	Flangescrew	2
45	37-5610	Jackshaft – Support	1
46	251-287	Flange	4
47	37-5070	Pulley	1
48	37-5660	V-Belt	1
49	31-0530	Ball Bearing	1
50	30-5440	Sleeve	1
51†	27-4270	Lift Arm (Incl. Ref. #53 & 54)	1
52†	27-5270	Strap Brake Spring	2
53†	3272-12	Cotter Pin	2
54	302-53	Grease Fitting	2
55	256-101	Bushing	8
*	32-2820	Idler Assembly (Incl. Ref. #33 & 49-50)	1
*	37-5790	Reflector	2
*	32104-42	Self-Tapping Screw	4

*Not Illustrated

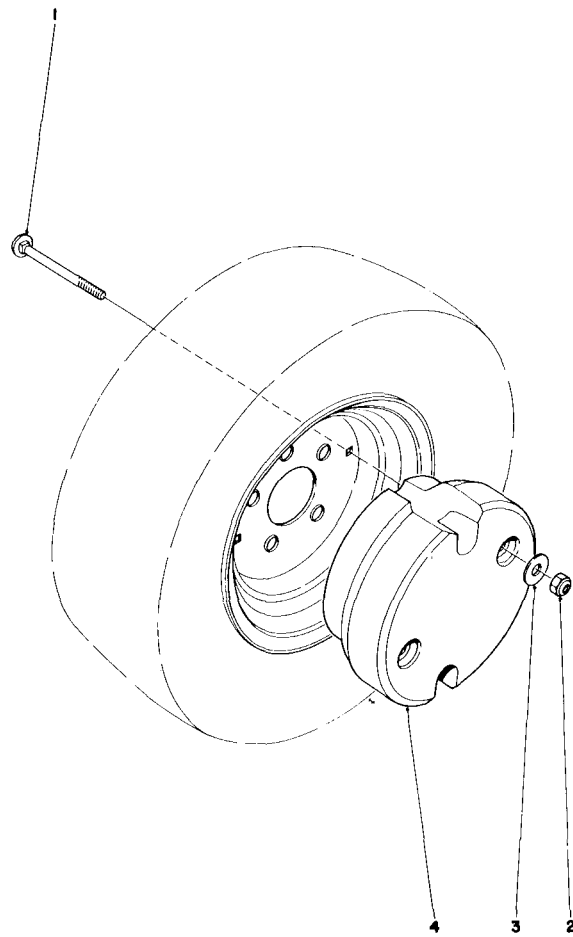
†Parts must be ordered separately for mounting 48" Snowthrower on Model No. 30790.



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	3-8847	Spacer	2

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



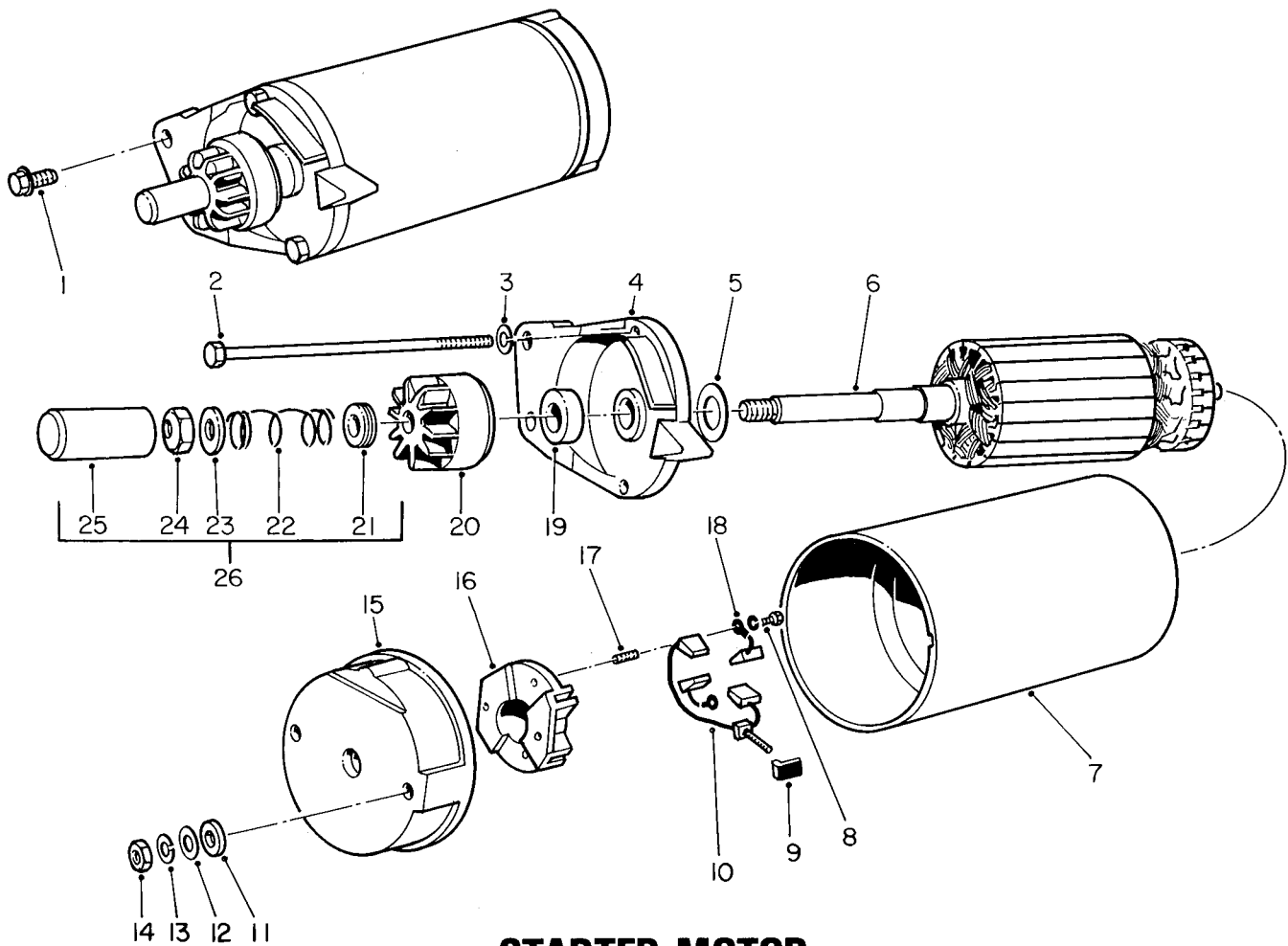
WHEEL WEIGHT KIT MODEL NO. 30762 (Optional)

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

ENGINE, ONAN MODEL NO. B48G - GA020 TYPE NO. 4139F



STARTER MOTOR

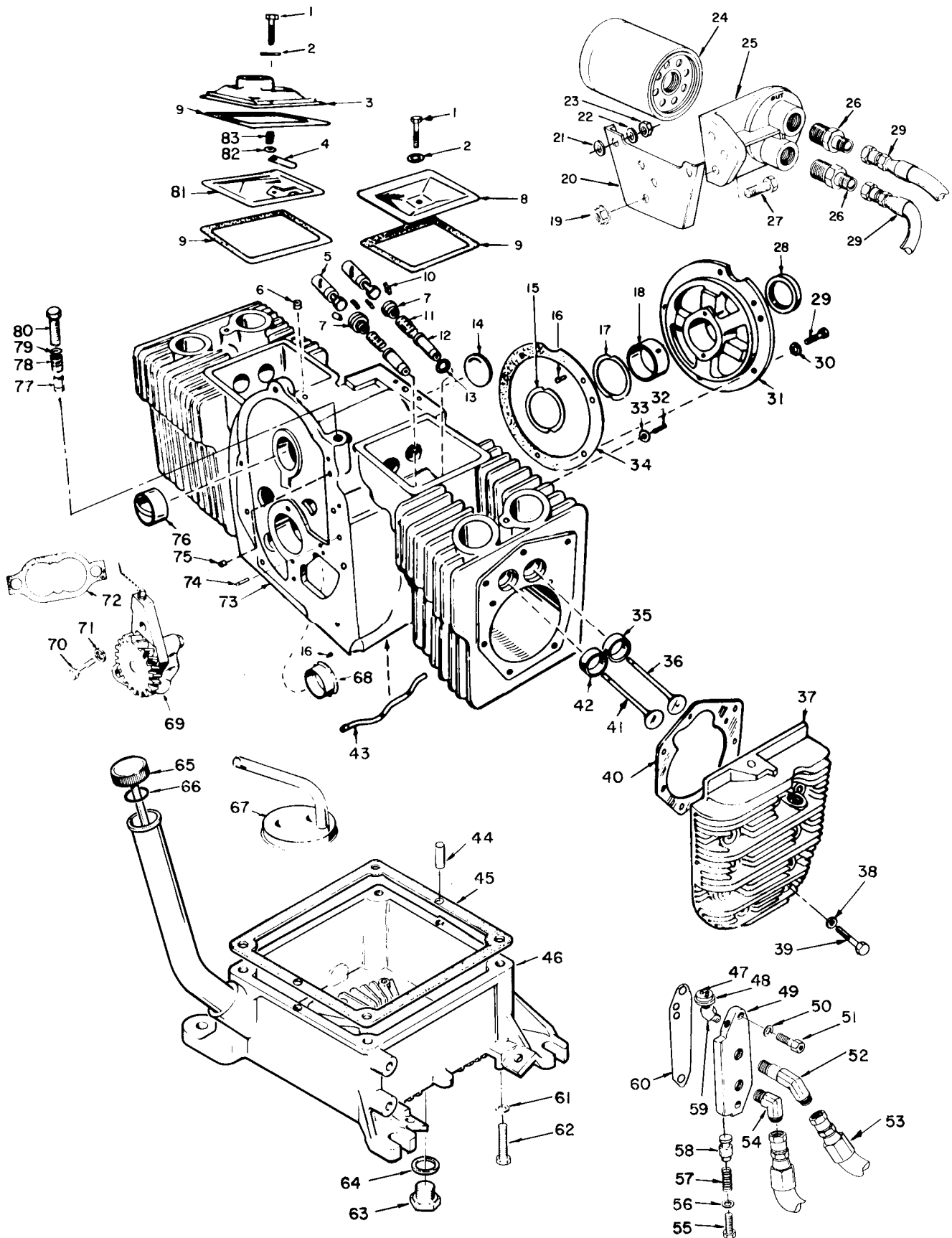
Ref. No.	Part No.	Description	No. Used
1	59-1170	Screw — Cap, Hex Hd.	1
2	59-0540	Screw — Hex Hd.	2
3	3253-3	Washer, Lock	2
4	59-0560	Cap Assembly, Drive End	1
5	59-0530	Washer, Armature Thrust	1
6	57-9390	Armature	1
7†		Housing, Starter Motor	1
8†		Screw and Lockwasher	2
9†		Bushing Insulation—Input Stud	1
10†		Stud and Brush Assembly Input	1
11†		Nut, Securing—Input Stud	1
12†		Washer, Lock—Input Stud	1
13†		Washer, Flat—Input Stud	1
14†		Washer, Insulation—Input Stud	1
15	57-9460	Cap Assembly, Commutator (Incl. Ref. #8-14 & 16-18 & 20)	1

Ref. No.	Part No.	Description	No. Used
16†		Brush Holder	1
17†		Spring, Brush	4
18†		Brush, Ground	2
19	59-0550	Cap, Dust	1
20	57-9420	Drive Assembly	1
21†		Spacer, Dust Cover	1
22†		Spring, Anti-Drift	1
23†		Washer, Stop Nut	1
24†		Nut, Stop	1
25†		Cover, Dust	1
26	57-9450	Dust Cover Assembly (Incl. Ref. #21-25)	1
*	57-9470	Repair Kit, Brush, Spring and Stud (Incl. Ref. #10, 17 - 18)	1
*	57-9480	Motor Starter Complete	1

*Not Illustrated

†Not Sold Separately

ENGINE, ONAN MODEL NO. B48G - GA020 TYPE NO. 4139F CYLINDER BLOCK AND OIL SYSTEM



ENGINE, ONAN MODEL NO. B48G - GA020 TYPE NO. 4139F

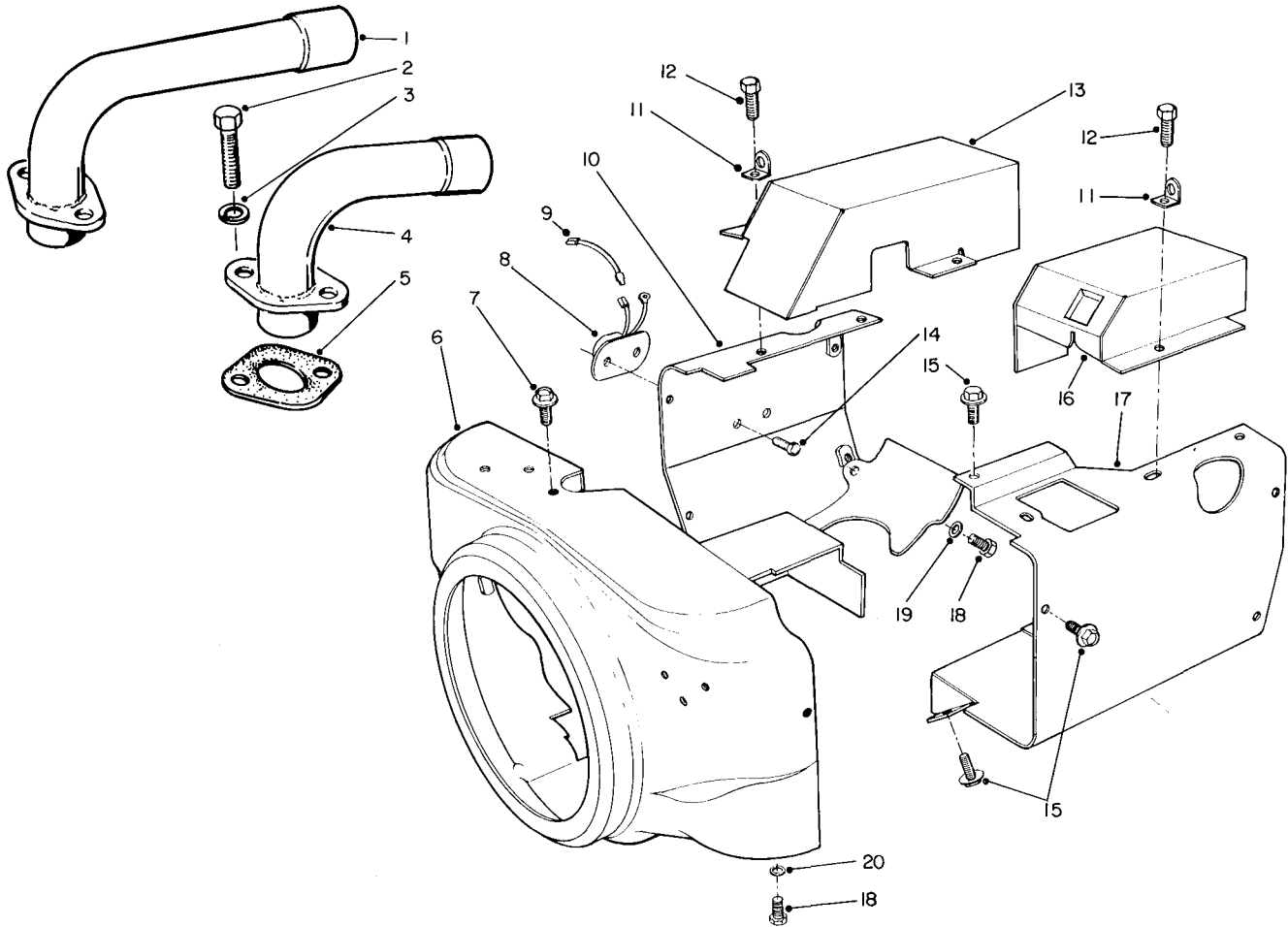
CYLINDER BLOCK AND OIL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	321-10	Screw — Cap Hex Hd.	2
2	57-9740	Washer, Flat — Copper	2
3	59-0160	Cover — Valve	1
4	57-8560	Reed — Breather Valve	1
5	57-8450	Tappet, Valve (Standard)	4
*	59-0260	Tappet, Valve (.002 Oversize)	4
*	59-0270	Tappet, Valve (.005 Oversize)	4
6	59-0770	Plug, Breather Hole	1
7	57-8270	Roto Cap — Valve	4
8	59-0150	Cover, Valve	1
9	57-8280	Gasket, Valve Cover	3
10	57-8260	Lock, Valve Spring	8
11	57-8250	Spring Valve	4
12	57-8290	Guide, Valve	4
13	57-8240	Gasket, Intake Valve Guide	2
14	57-9690	Plug, Welch — Camshaft Opening	1
15	57-8160	Washer, Thrust	1
16	59-0730	Pin, Drive — Bearing Stop	4
17	57-8170	Shim, Crankshaft End Play (.005)	A/R
18	57-8050	Bearing, Crankshaft Rear Standard (Incl. Ref. #15)	1
*	59-0020	Bearing, Crankshaft Rear .002 Undersize (Incl. Ref. #15)	1
*	57-8060	Bearing, Crankshaft Rear .010 Undersize (Incl. Ref. #15)	1
*	59-0030	Bearing, Crankshaft Rear .020 Undersize (Incl. Ref. #15)	1
*	59-0040	Bearing, Crankshaft Rear .030 Undersize (Incl. Ref. #15)	1
19	59-1150	Nut, Self-Lock	3
20	59-0300	Bracket, Remote Oil Filter	1
21	50-0860	Washer, Over Bracket	2
22	59-0840	Washer, Under Bracket	2
23	3217-7	Nut, Hex	2
24	57-8530	Filter Oil	1
25	57-8540	Base, Remote Oil Filter	1
26	59-0660	Connector, Male	2
27	322-4	Screw, Cap Hex Head	3
28	57-9590	Seal, Oil — Crankshaft Rear	1
29	59-0880	Screw, Cap — Hex Hd.	5
30	3253-5	Washer, Lock — Spring	5
31	57-8040	Plate, Bearing — Rear	1
32	59-0780	Stud	2
33	57-9760	Washer, Flat Copper	2
34	57-8010	Gasket, Bearing Plate	1
35	59-0050	Insert, Valve Seat — Intake (Standard)	2
*	59-0060	Insert, Valve Seat — Intake (.002 Oversize)	2
*	59-0070	Insert, Valve Seat — Intake (.005 Oversize)	2
*	59-0080	Insert, Valve Seat — Intake (.010 Oversize)	2
*	59-0090	Insert, Valve Seat — Intake (.025 Oversize)	2
36	57-8310	Valve, Intake	2
37	59-0180	Head, Cylinder — Right Side	1
*	59-0170	Head, Cylinder — Left Side	1
38	57-9770	Washer, Flat	18
39	59-0890	Screw, Cap — Hex Head (Special) (5/16-18 x 1-5/8")	8
*	59-0900	Screw, Cap — Hex Head (Special) (5/16-18 x 2")	10
40	57-8330	Gasket, Cylinder Head	2
41	57-8300	Valve, Exhaust	2

Ref. No.	Part No.	Description	No. Used
42	59-0100	Insert, Valve Seat — Exhaust (Std.)	2
*	59-0110	Insert, Valve Seat — Exhaust (.002 Oversize)	
*	59-0120	Insert, Valve Seat — Exhaust (.005 Oversize)	2
*	59-0130	Insert, Valve Seat — Exhaust (.010 Oversize)	2
*	59-0140	Insert, Valve Seat — Exhaust (.025 Oversize)	2
43	59-0290	Tube, Oil — Cylinder Block	1
44	57-9680	Pin Dowel — Oil Base	2
45	57-8090	Gasket, Oil Base	1
46	57-8100	Base, Oil	1
47	59-0600	Lead, Low Oil Pressure Cut Off	1
48	57-9490	Switch, Low Oil Pressure Cut Off	1
49	57-8510	Adapter, Oil Filter	1
50	57-9750	Washer, Flat Copper	2
51	59-0930	Screw, Cap — Socket Head	2
52	59-0680	Elbow, Male (To Filter)	1
53	57-9520	Hose, Oil	2
54	59-0670	Elbow, Male (From Filter)	1
55	3211-1	Screw, Cap Hex Hd.	1
56	57-9760	Washer, Flat	1
57	57-8500	Spring, By-Pass	1
58	57-8470	Valve, By-Pass Plunger	1
59	59-0640	Elbow, Street 45°	1
60	57-8520	Gasket, Oil Filter Adapter	1
61	3253-5	Washer, Lock-Spring	4
62	323-42	Screw, Cap — Hex Head	4
63	57-8080	Plug, Oil Drain	1
64	57-8070	Gasket, Oil Drain	1
65	57-8570	Cap and Indicator, Oil Fill	1
66	57-9610	O-Ring, Oil Fill Cap	1
67	57-8490	Cup, Intake — Oil Pump	1
68	57-8020	Bearing, Crankshaft — Front (Flanged) Standard	1
*	57-9360	Bearing, Crankshaft — Front (Flanged) .002 Undersize	1
*	57-8030	Bearing, Crankshaft — Front (Flanged) .010 Undersize	1
*	57-9800	Bearing, Crankshaft — Front (Flanged) .020 Undersize	1
*	59-0010	Bearing, Crankshaft — Front (Flanged) .003 Undersize	1
69	57-8480	Pump, Oil	1
70	321-6	Screw, Cap — Hex Hd.	2
71	3253-3	Washer, Lock Spring	2
72	57-8460	Gasket Kit, Oil Pump	1
73	59-1190	Block Assy. (Incl. Ref. #6, 12-18, 29-31, 34-35, 42-43, 68, 74 & 76)	1
74	59-0750	Pin, Gear Cover Alignment	2
75	59-0760	Plug, Core Hole	1
76	57-8000	Bearing, Camshaft	2
77	57-8470	Plunger, Bypass Valve	1
78	59-0280	Spring, Bypass Valve	1
79	57-9760	Washer, Flat — Copper	1
80	59-0910	Screw, Cap — Hex Head	1
81	59-0310	Baffle, Breather Valve	1
82	59-0820	Washer, Flat	1
83	57-8550	Spring, Breather Valve	1
*	57-8320	Short Block	1
*	57-9370	Gasket Kit, Valve Grind	1
*	57-9380	Gasket Kit, Complete Engine	1

* Not Illustrated

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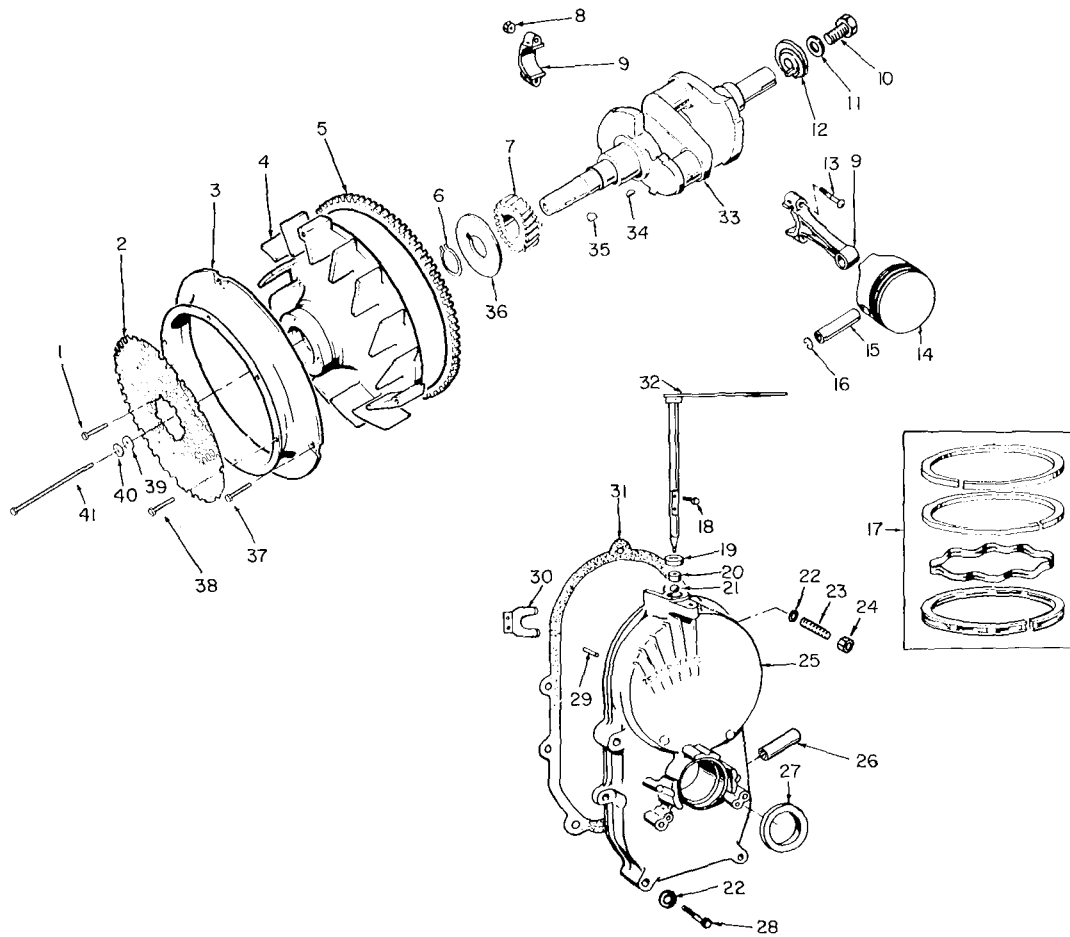


ENGINE AIR HOUSING

Ref. No.	Part No.	Description	No. Used
1	57-9240	Adapter, Exhaust – Left	1
2	322-3	Screw, Cap – Hex Hd.	4
3	3253-4	Washer, Lock – Spring	4
4	57-9230	Adapter, Exhaust – Right	1
5	57-9210	Gasket, Exhaust	2
6	57-8700	Housing, Blower	1
7	59-0970	Screw, Cap – Hex. Hd.	1
8	57-9500	Switch, High Air Temp. Cut Off	1
9	59-0620	Lead	1
10	57-8680	Housing, Cylinder Air – Left Side	1

Ref. No.	Part No.	Description	No. Used
11	59-0630	Bracket, Lifting	2
12	32104-32	Screw, Tapping – Hex Hd.	2
13	57-8640	Cover, Exhaust – Left	1
14	57-9780	Rivet, High Air Temp. Cut Off	2
15	59-1080	Screw, Cup Hex Washer Hd.	5
16	57-8710	Cover, Exhaust – Right	1
17	57-8690	Housing, Cylinder Air – Right Side	1
18	59-0980	Screw, Cap – Hex Hd.	4
19	59-0830	Washer, Flat	2
20	59-0820	Washer, Flat	2

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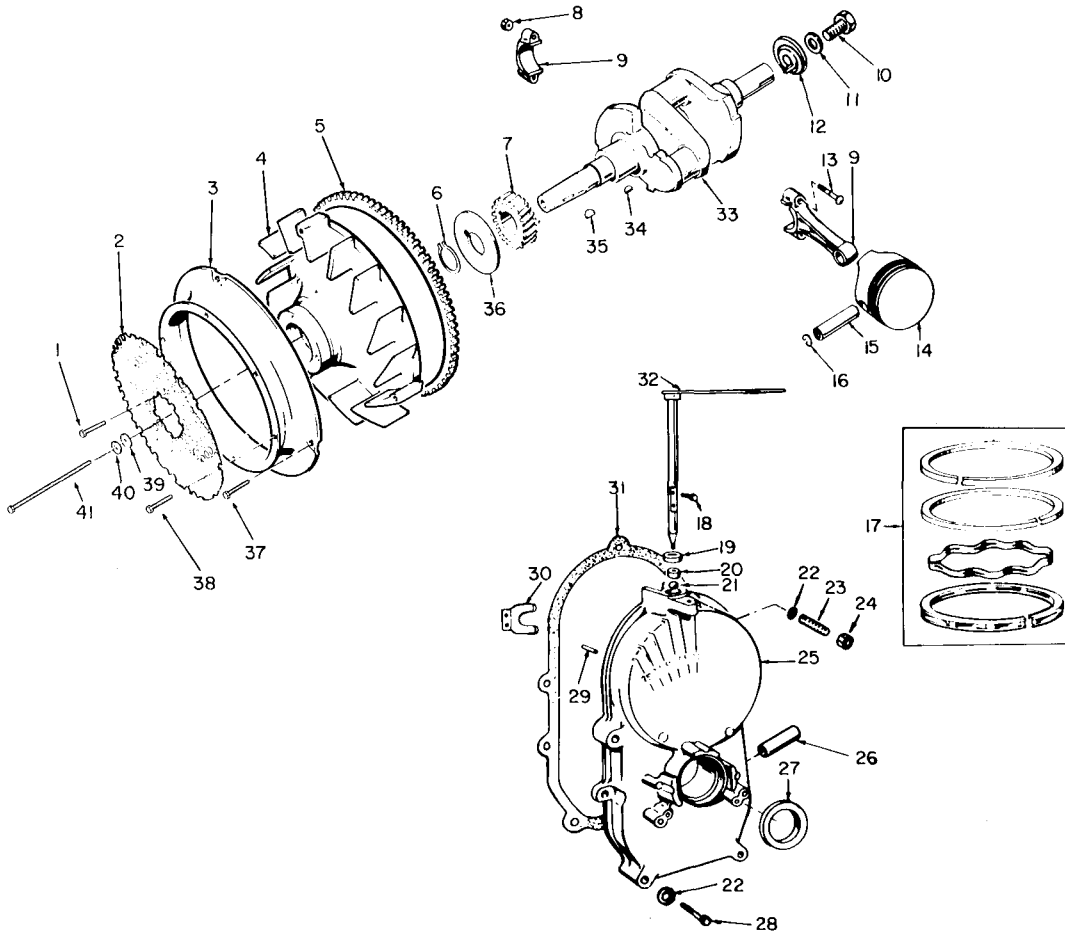
CRANKSHAFT AND FLYWHEEL

Ref. No.	Part No.	Description	No. Used
1	59-1120	Screw, Cap – Hex Head Locking	4
2	57-8650	Guard, Flywheel	1
3	57-8610	Venture, Blower Wheel	1
4	57-8630	Flywheel (Incl. Ref. #5)	1
5	57-8180	Gear, Ring	1
6	57-9710	Ring, Retaining	1
7	57-8130	Gear, Crankshaft	1
8	57-9790	Nut, Hex – Crown Lock	4
9	57-8420	Rod, Connecting – Standard (Incl. Ref. #8 & 13)	2
*	57-8430	Rod, Connecting (.010 Undersize) (Incl. Ref. #8 & 13)	2
*	57-8440	Rod, Connecting (.020 Undersize) (Incl. Ref. #8 & 13)	2
*	59-0250	Rod, Connecting (.030 Undersize) (Incl. Ref. #8 & 13)	2
10	59-1160	Screw, Cap Hex Hd.	1
11	3253-5	Washer, Lock-Spring	1
12	57-8190	Weight, Balance	1
13	57-8410	Bolt, Special – Connecting Rod	4

Ref. No.	Part No.	Description	No. Used
14	57-8350	Piston & Pin – Standard (Incl. Ref. #15 & 16)	2
*	59-0190	Piston & Pin (.005 Oversize) (Incl. Ref. #15 & 16)	2
*	57-8360	Piston & Pin (.010 Oversize) (Incl. Ref. #15 & 16)	2
*	57-8370	Piston & Pin (.020 Oversize) (Incl. Ref. #15 & 16)	2
*	59-0200	Piston & Pin (.030 Oversize) (Incl. Ref. #15 & 16)	2
*	59-0210	Piston & Pin (.040 Oversize) (Incl. Ref. #15 & 16)	2
15	57-8340	Pin, Piston	2
16	57-9720	Ring, Retaining	4
17	57-8380	Ring Set, Piston – Standard	2
*	59-0220	Ring Set, Piston (.005 Oversize)	2
*	57-8390	Ring Set, Piston (.010 Oversize)	2
*	57-8400	Ring Set, Piston (.020 Oversize)	2
*	59-0230	Ring Set, Piston (.030 Oversize)	2
*	59-0240	Ring Set, Piston (.040 Oversize)	2
18	59-0950	Screw, Machine – Pan Hd.	2
19	57-9630	Ball, Bearing – Governor Shaft	1

*Not Illustrated

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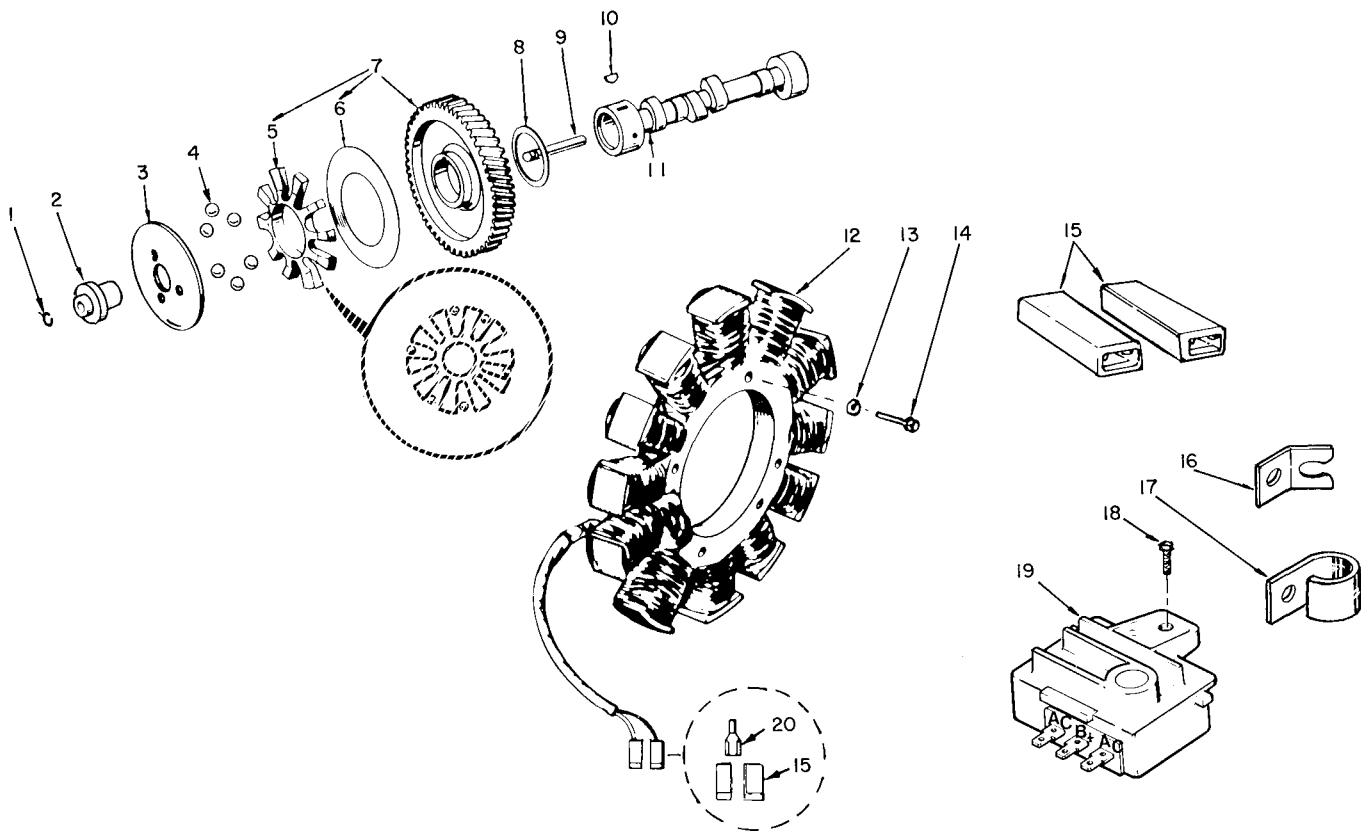


CRANKSHAFT AND FLYWHEEL (Continued)

Ref. No.	Part No.	Description	No. Used
20	57-9650	Bearing, Governor Shaft	1
21	57-9570	Seal, Oil – Governor Shaft	1
22	57-9750	Washer, Flat – Copper	5
23	59-0790	Stud, Gear Cover – Top Hole	1
24	59-1130	Nut, Gear Cover Top Hole	1
25	57-8120	Gear Case Assembly (Incl. Ref. #18-21, 23-24, 27-28 & 30)	1
26	59-0360	Tube, Vacuum Port	1
27	57-9580	Seal, Oil – Crankshaft	1
28	322-9	Screw, Cap Hex Hd.	4
29	59-0740	Pin, Dowel – Governor Cup Stop	1

Ref. No.	Part No.	Description	No. Used
30	59-0420	Yoke, Governor Shaft	1
31	57-8110	Gasket, Gearcase Mounting	1
32	59-0440	Shaft and Arm, Governor	1
33	57-8200	Crankshaft	1
34	57-9660	Key, Crankshaft Gear	1
35	57-9670	Key, Flywheel	1
36	57-8140	Washer, Gear Retaining	1
37	59-1100	Screw, Cap Hex Washer Hd.	5
38	59-1040	Screw, Tapping Hex Washer Hd.	6
39	59-0810	Washer, Flat	1
40	3253-6	Washer, Lock – Spring	1
41	57-8150	Screw, Cap – Hex Head	1

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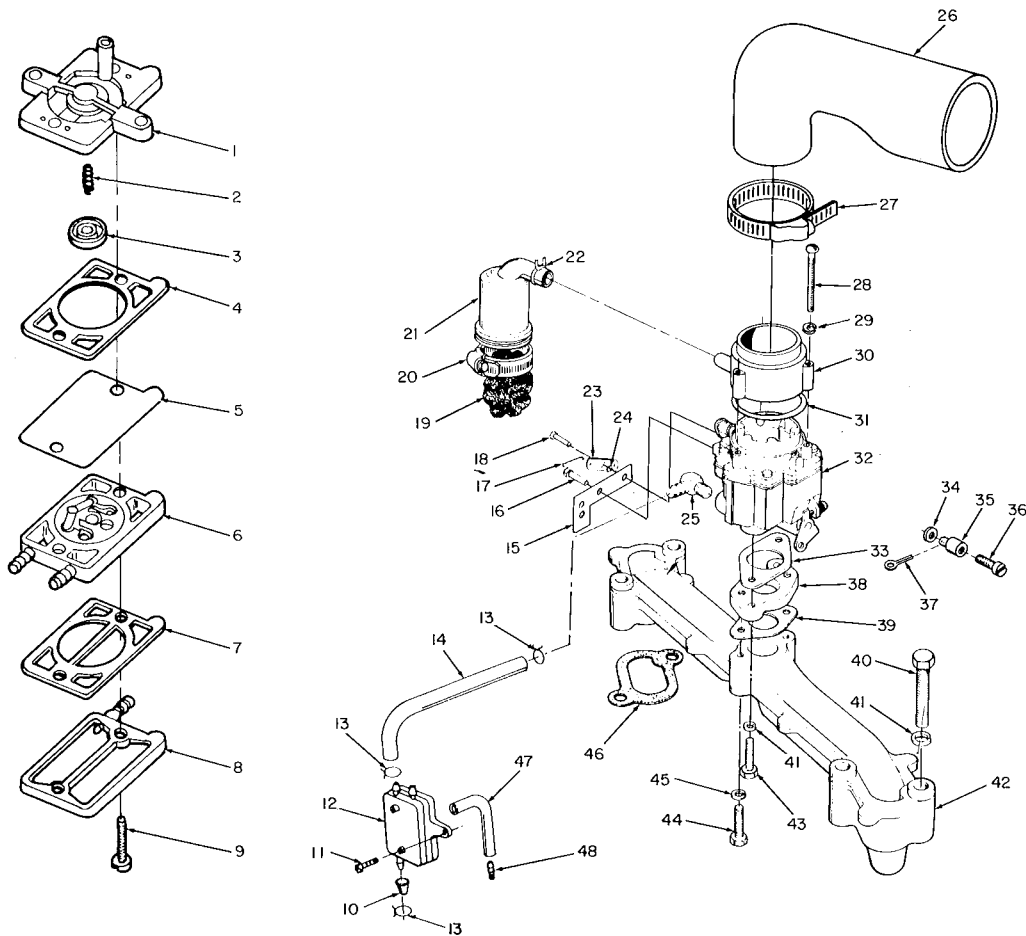


CAMSHAFT AND FLYWHEEL ALTERNATOR

Ref. No.	Part No.	Description	No. Used
1	57-9090	Ring, Retaining	1
2	57-9130	Hub, Governor Cup	1
3	59-0450	Cup, Governor	1
4	57-9640	Ball, Governor	6
5	57-9110	Spacer, Flyball	1
6	59-0410	Plate, Flyball	1
7	57-8210	Gear, Camshaft (Incl. Ref. #5 & 6)	1
8	57-8230	Washer, Thrust	1
9	59-0400	Pin, Center	1
10	57-9660	Key, Woodruff—Camshaft Gear	1

Ref. No.	Part No.	Description	No. Used
11	57-8220	Camshaft (Incl. Ref. #9)	1
12	57-9440	Stator (Incl. Ref. #15 & 20)	1
13	3253-2	Washer — Lock, Spring	3
14	3258-53	Screw — Machine, Round Hd.	3
15	59-0570	Body, Terminal Connector (AC Terminals)	2
16	59-0520	Bracket, Alternator Lead	1
17	59-0580	Clamp, Wire — Alternator Leads	1
18	59-1070	Screw — Cap Hex Washer Hd.	1
19	57-9430	Regulator Voltage	1
20	59-0590	Terminal, Stator Leads	2

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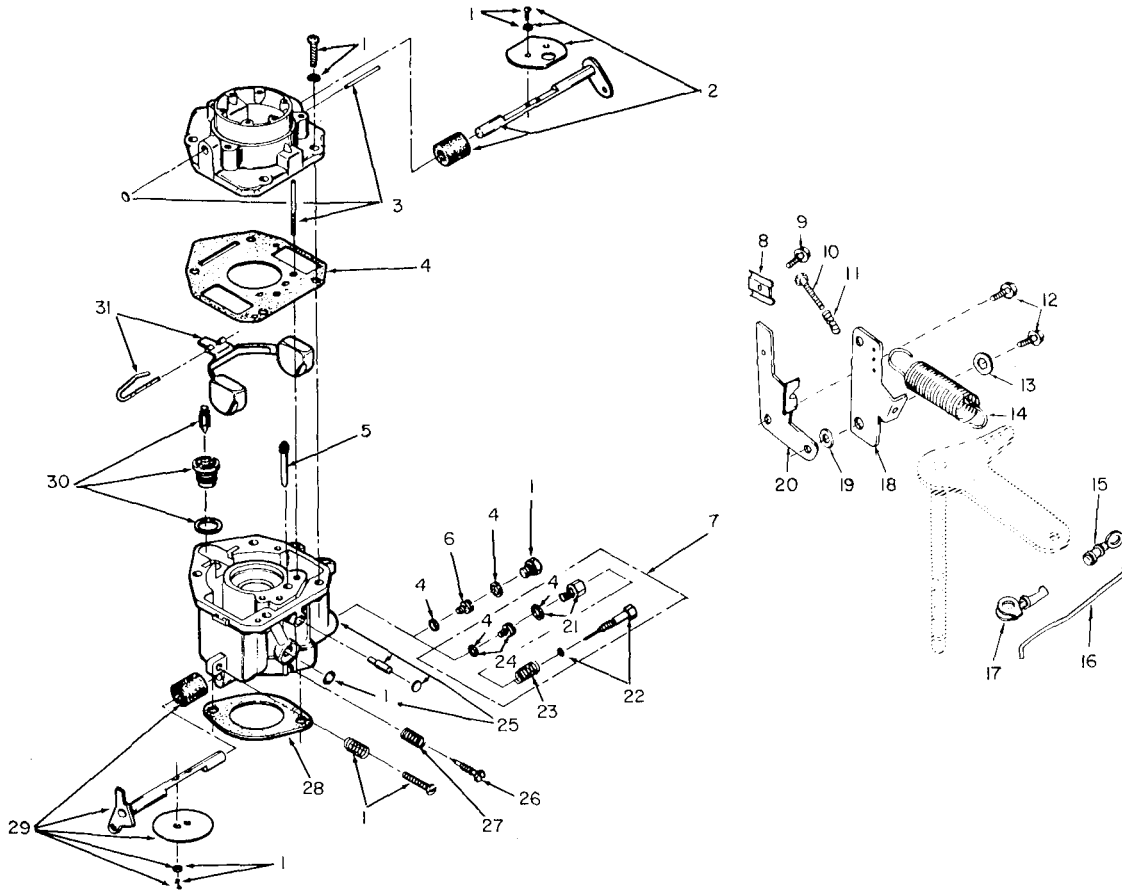
FUEL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	59-0380	Base, Pump	1
2	57-8750	Spring, Fuel Pump	1
3	57-8760	Plate, Drive - Fuel Pump	1
4	57-8740	Gasket - Pump Cover	1
5	57-8770	Diaphragm - Fuel Pump	1
6	57-8780	Valve Assembly, Reed - Fuel Pump (Includes Cap & Clamp)	1
7	57-9070	Gasket - Cover to Valve Assy.	1
8	59-0390	Cover - Pump	1
9	57-8730	Screw - Pump Cover to Body	2
10	59-0370	Cap, Fuel Outlet	1
11	59-1050	Screw, Tapping Pan Hd.	2
12	57-9080	Pump, Fuel - Vacuum Pluse (Incl. Ref. #1-9)	1
13	57-9550	Clamp, Hose	3
14	59-0710	Hose, Fuel (13')	1
15	59-0470	Bracket, Cable Choke	1
16	59-1060	Screw, Cap Hex Washer Hd.	1
17	57-9180	Link, Choke	1
18	59-1020	Screw, Shoulder	1
19	57-8580	Filter, Breather Tube	1
20	57-9530	Clamp, Breather Tube	1
21	57-8590	Tube, Crankcase Breather	1
22	57-9540	Clamp, Hose	1
23	59-0460	Swivel, Choke	1
24	3254-1	Washer, Lock Internal Tooth	1

Ref. No.	Part No.	Description	No. Used
25	59-0650	Elbow - Hose	1
26	57-8800	Elbow, Air Inlet	1
27	59-0690	Clamp, Hose	1
28	59-0940	Screw - Machine Round Hd.	3
29	3253-2	Washer - Lock	3
30	57-8720	Adapter, Air Cleaner	1
31	57-9620	Seal, O-Ring	1
32	57-9040	Carburetor, Complete (Incl. Ref. #33)	1
33	57-9200	Gasket, Carburetor to Adapter	1
34	59-0850	Washer	1
35	57-9170	Swivel	1
36	59-0960	Screw	1
37	59-0720	Cotter Pin	1
38	59-0480	Adapter, Carburetor	1
39	57-8790	Gasket, Adapter to Manifold	1
40	322-10	Screw, Cap - Hex Head	4
41	3253-4	Washer, Lock-Spring	6
42	57-9250	Manifold, Intake	1
43	322-4	Screw, Cap - Hex Hd.	2
44	321-13	Screw, Cap - Hex Hd.	2
45	3253-3	Washer, Lock - Spring	2
46	57-9220	Gasket, Manifold to Block	2
47	59-0700	Hose, Fuel Pump Vacuum	1
48†	59-0360	Tube, Vacuum Port	1

†Part included in 57-8120 Gear Case Assembly

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CARBURETOR AND GOVERNOR CONTROL—VARIABLE SPEED (Side Pull)

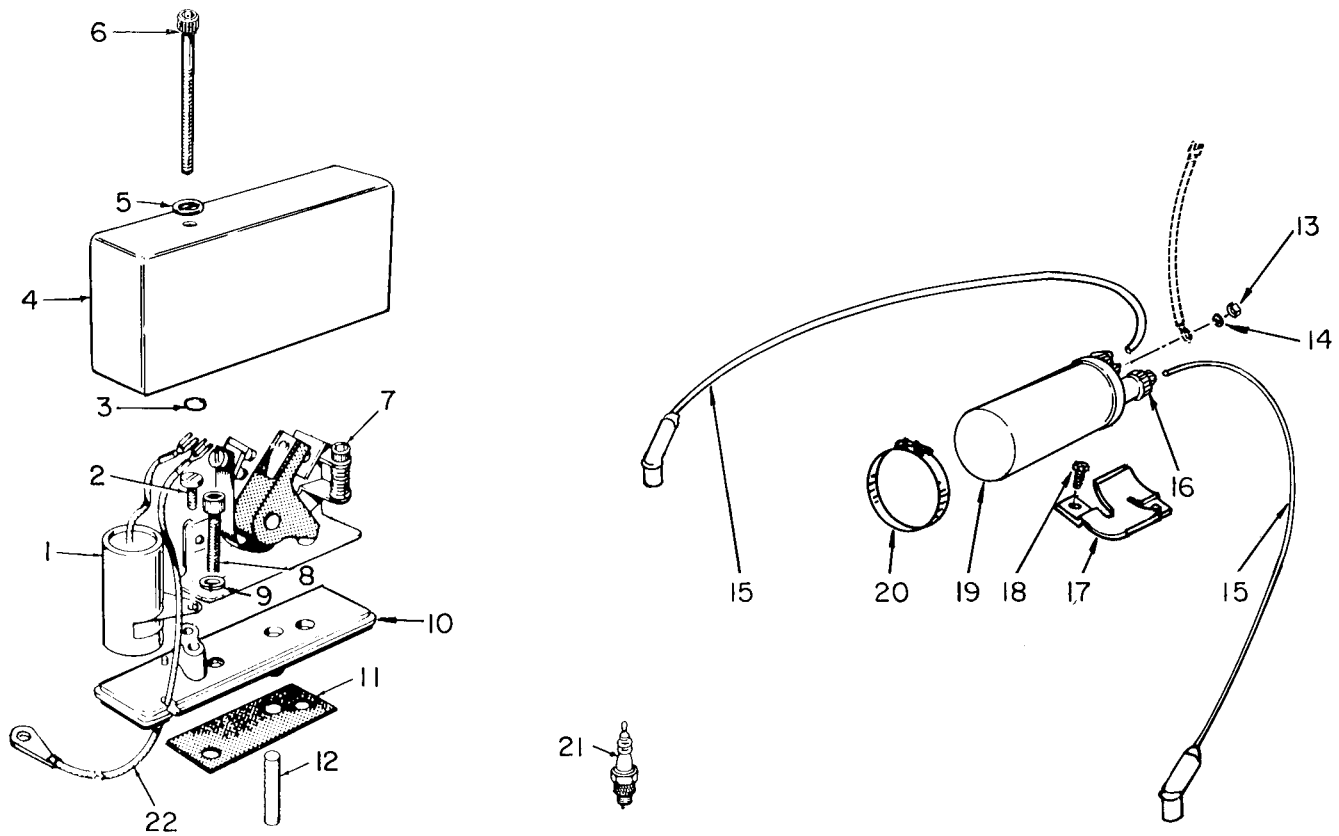
Ref. No.	Part No.	Description	No. Used
1	57-8910	Screw and Plug Kit	1
2	57-9030	Choke, Shaft Kit	1
3†		Intake, Air	1
4	57-8940	Gasket Kit	1
5	57-9000	Jet, Idle	1
6	57-9050	Jet, Power	1
7	57-8950	Variable Speed Jet Kit — Optional (High Altitude Application)	1
8	57-9190	Clamp, Cable	1
9	59-1000	Screw, Tapping Hex. Hd.	1
10	59-1030	Screw, Tapping Hex. Hd.	1
11	59-0430	Spring Idle Setting	1
12	59-1010	Screw — Cap Hex Washer Hd.	2
13	59-0870	Washer, Flat	1
14	57-9100	Spring, Governor	1
15	57-9700	Clip, Retaining — Control Rod	1
16	57-9160	Rod, Governor Control	1
17	57-9730	Clip, Retaining — Control Rod	1

Ref. No.	Part No.	Description	No. Used
18	57-9140	Arm-Governor Control	1
19	57-9120	Bushing Control Arm	1
20	57-9150	Bracket Cable	1
21	59-0320	Retainer, Power Needle (Incl. Gasket)	1
22	59-0340	Needle Complete Power	1
23	59-0330	Spring, Power Needle	1
24	59-0350	PowerJet, Variable (Incl. Gasket)	1
25†		Body	1
26	57-8990	Needle, Idle Adjusting	1
27	57-8970	Spring, Idle Adjusting Needle	1
28	57-9200	Gasket, Carburetor Mounting	1
29	57-9060	Throttle Shaft Kit	1
30	57-8960	Valve & Seat Kit	1
31	57-8930	Float Kit	1
*	57-9040	Carburetor, Complete (Incl. Mounting Gasket)	1
*	57-9020	Carburetor Kit	1

* Not Illustrated

† Not Sold Separately

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IGNITION SYSTEM

Ref. No.	Part No.	Description	No. Used
1	57-9510	Condenser	1
2	59-0990	Cap Screw Slotted	1
3	57-9600	Retainer ("O" Ring)	1
4	59-0500	Cover, Breaker Box	1
5	59-0800	Flat Washer	1
6	3274-59	Screw, Cap-Hex Socket	1
7	57-9280	Point Set Breaker	1
8	59-0920	Cap Screw Socket Hd.	2
9	3253-3	Lockwasher	2
10	59-0490	Base Breaker	1
11	57-9260	Gasket, Breaker Box	1
12	57-9270	Plunger, Breaker Points	1

Ref. No.	Part No.	Description	No. Used
13	57-9320	Nut — Hex, Special	1
14	59-1140	Washer, Lock — Spring	1
15	57-9350	Cable — Spark Plug	2
16	57-9330	Cap Coil Terminal	2
17	59-0510	Bracket Ignition Coil	1
18	59-1090	Screw, Cap Hex Washer Hd.	1
19	57-9310	Coil, Ignition	1
20	57-9560	Clamp, Ignition Coil	1
21	57-9340	Plug, Spark	2
22	59-0610	Lead — Breaker Box to Coil	1
*	57-9290	Breaker Box (Incl. Ref. #1-11)	1
*	57-9300	Ignition Kit	1

*Not Illustrated