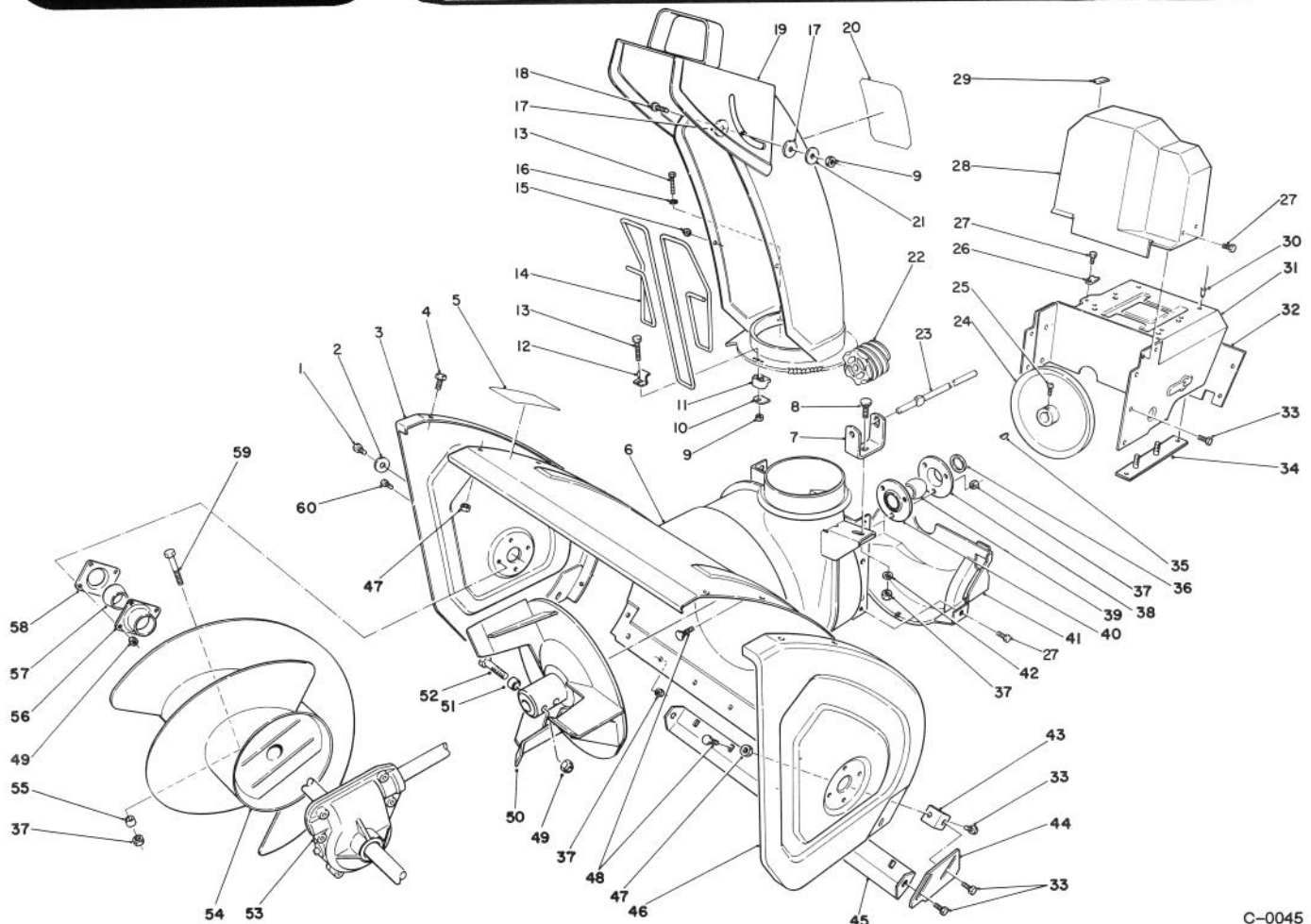


TORO®

MODEL NO. 38580-0000001 & UP
MODEL NO. 38566-0000001 & UP

**PARTS
CATALOG**

1132 SNOWTHROWER

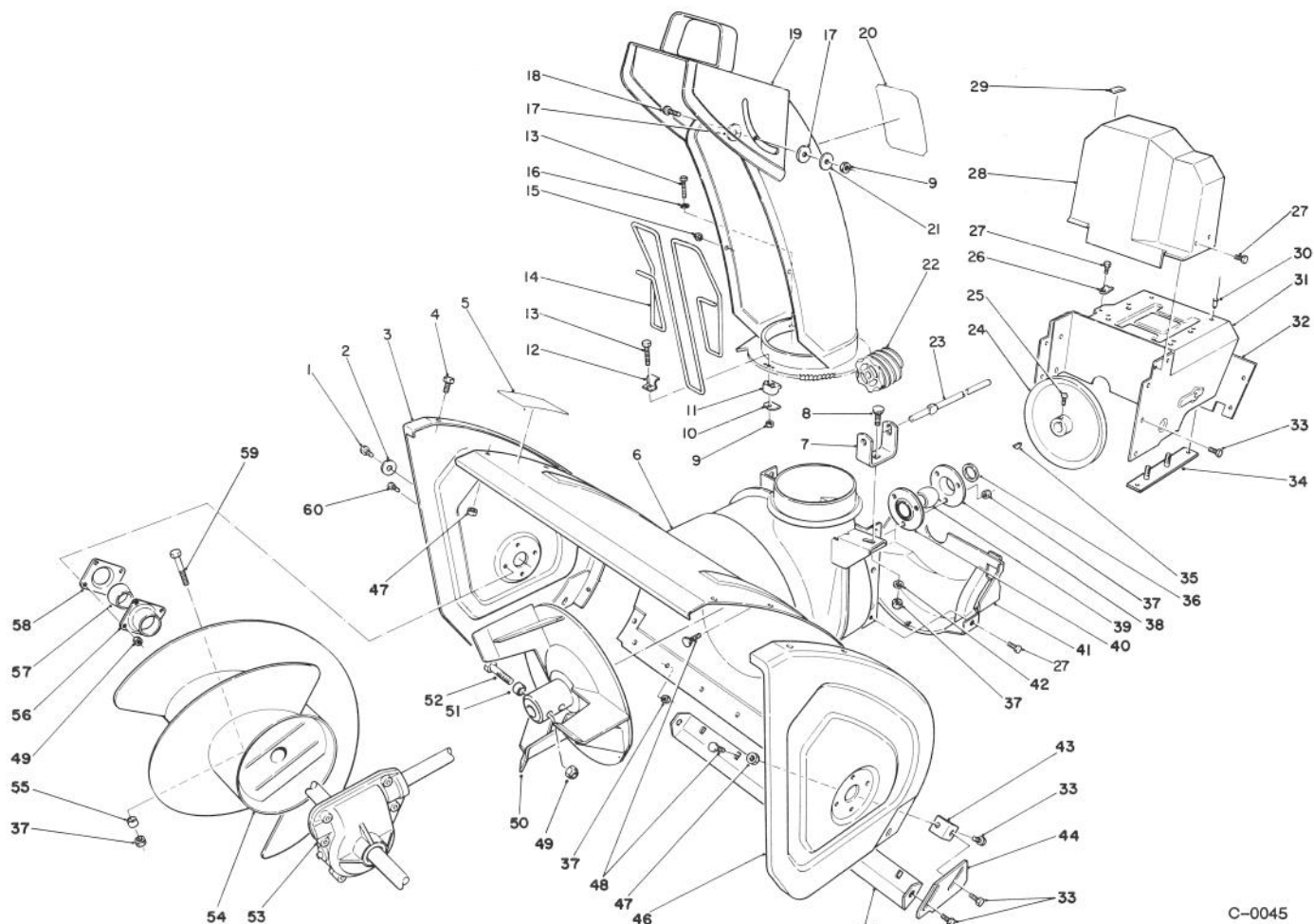


C-0045

HOUSING & CHUTE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-6	Screw - Cap Hex Hd.	2
2	3-0750	Washer - Retaining	2
3	66-7820	Plate - Side R.H.	1
4	3234-28	Screw - Hex Flange Hd.	10
5	53-7670	Decal - Danger Auger	1
6	62-0722	Housing - 32"	1
7	63-2180	Bracket - Gear	1
8	3230-2	Bolt - Carriage	1
9	3296-2	Nut - Lock	4
10	63-2670	Plate - Chute Retainer	3
11	62-1430	Retainer - Chute	3
12	63-3130	Bracket - Chute Guard	1
13	3274-13	Screw - Machine	3
14	63-3020	Guard - Chute	1
15	3290-326	Nut - Push	2
16	3256-14	Washer - Flat	1
17	63-2900	Washer - Plastic	2

Ref. No.	Part No.	Description	No. Used
18	32122-32	Screw	1
19	62-0840	Chute Assembly	1
20	63-3760	Decal - Danger Chute	1
21	3256-61	Washer - Flat	1
22	62-0820	Gear - Worm	1
23	62-1720	Rod - Chute Gear	1
24	62-1300	Pulley - Impeller	1
25	3242-4	Screw - Set Sq. Hd.	2
26	63-2300	Retainer - Cable	1
27	32144-4	Screw - Hex Flange Hd.	6
28	63-2080	Cover - Belt (Upper)	1
29	63-3290	Cover - Cable	1
30	3269-23	Rivet	4
31	66-6980	Frame - Engine	1
32	62-1440	Cover - Engine Frame	1
33	3234-7	Screw - Hex. Washer Hd.	12



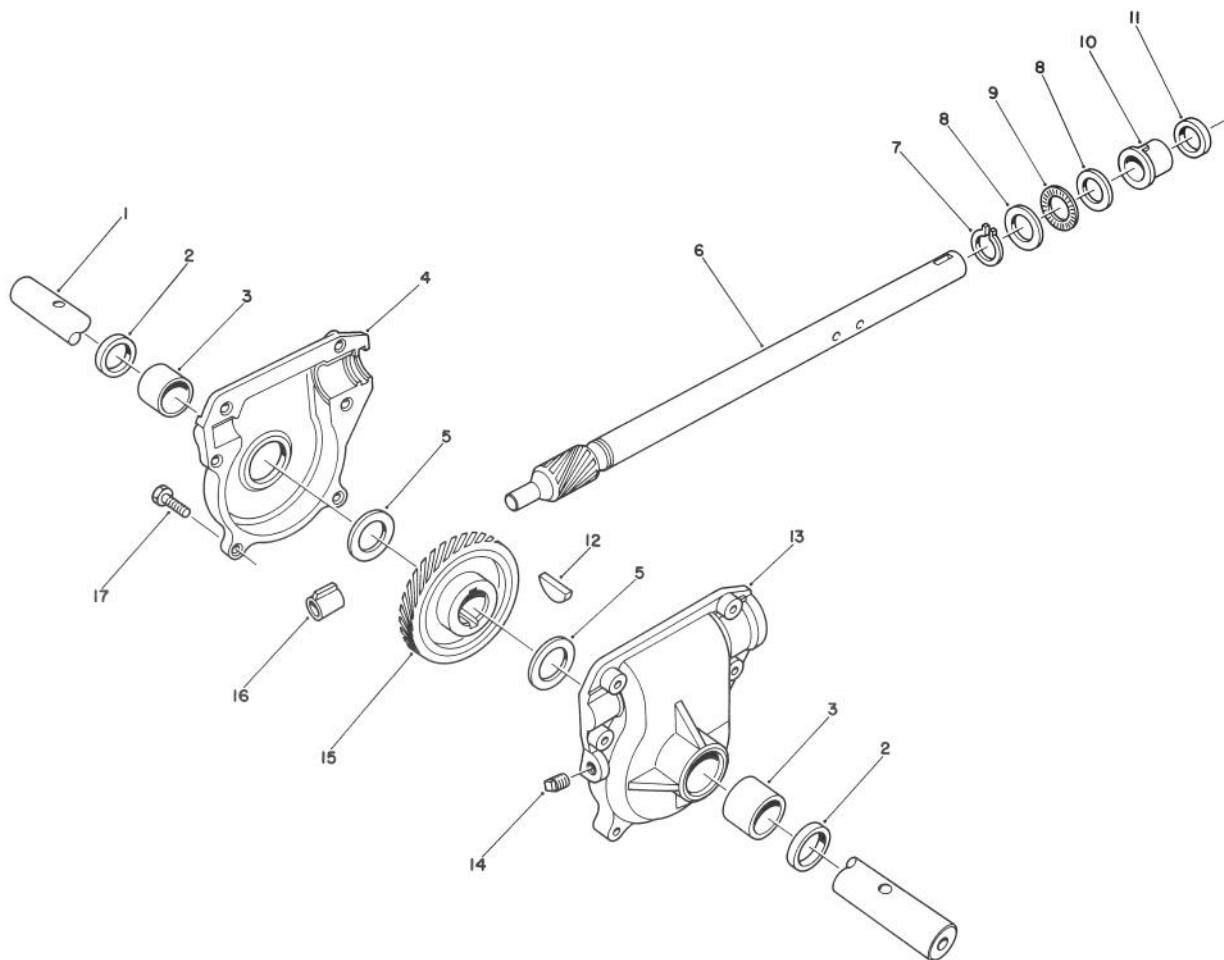
C-0045

HOUSING & CHUTE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
34	68-4150	Plate - Engine Stud L.H.	1
*	68-4140	Plate - Engine Stud R.H.	1
35	3257-23	Key - Woodruff	1
36	252-80	Washer - Thrust	1
37	3296-29	Nut - Lock	14
38		Flange - Bearing (Rear)	1
39	63-3450	Bearing - Impeller	1
40		Flange - Bearing (Front)	1
41	62-1400	Cover - Belt (Lower)	1
42	3256-23	Washer - Flat	1
43	62-1240	Bracket - Skid	2
44	62-0980	Plate - Skid L.H.	1
*	62-0990	Plate - Skid R.H.	1
45	66-7760	Blade - Scraper	1
46	66-7830	Plate - Side L.H.	1
47	3296-47	Nut - Lock	12
48	3230-23	Screw - Carriage	11
49	3296-42	Nut - Lock	10
50	66-7920	Impeller	1

Ref. No.	Part No.	Description	No. Used
51	66-8010	Spacer	2
52	321-44	Screw - Cap Hex. Hd.	2
53	66-8022	Auger Gearbox Assembly	1
54	63-2752	Auger - R.H.	1
		(Model No. 38580 Only)	
*	63-2762	Auger - L.H.	1
		(Model No. 38580 Only)	
*	68-7452	Auger - R.H.	1
		(Model No. 38566 Only)	
*	68-7462	Auger - L.H.	1
		(Model No. 38566 Only)	
55	25-5090	Spacer - Auger Hub	2
56	20-0990	Flange - Bearing (Inner)	2
57	20-0980	Bearing - Auger	2
58	20-1000	Flange - Bearing (Outer)	2
59	17-7030	Bolt - Auger	2
60	321-3	Screw - Cap Hex Hd.	8
*	12-8789	Impeller Bearing Assembly	1
		(Incl. Ref. #38-40)	

*Not Illustrated



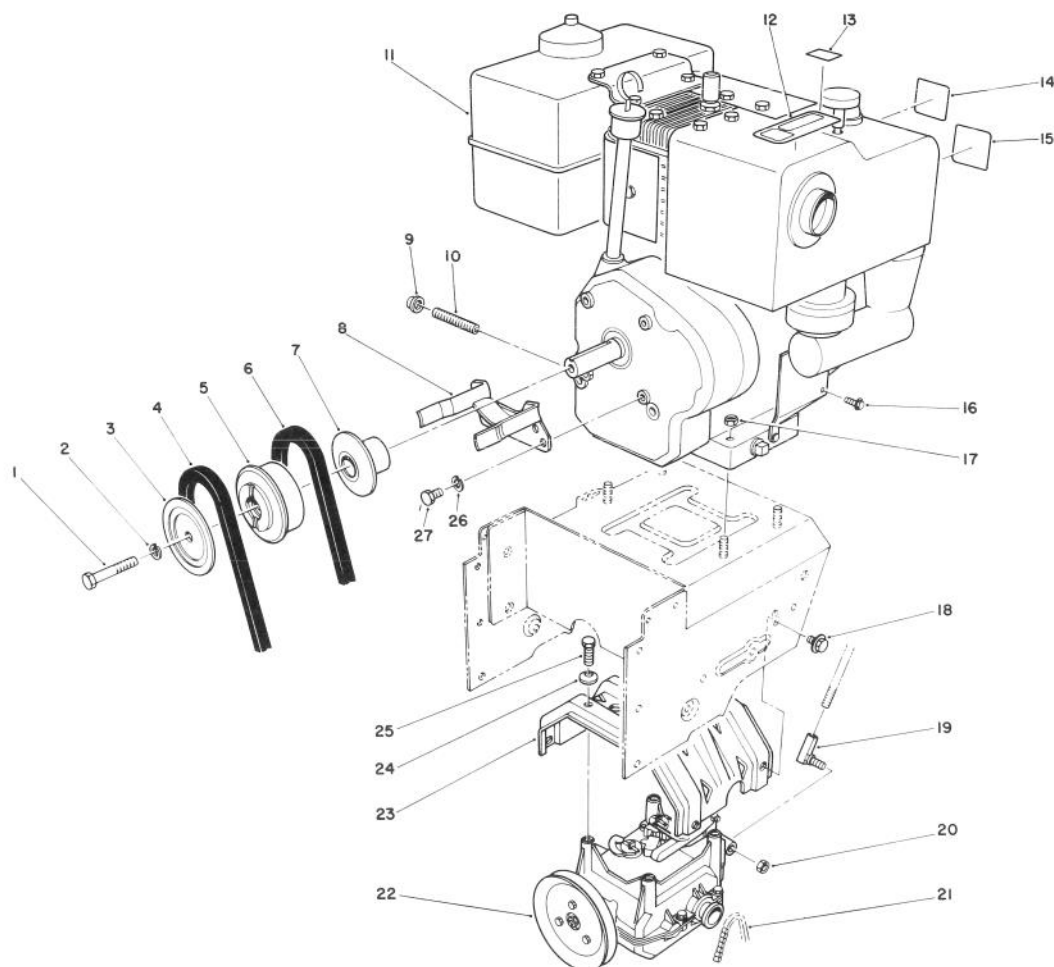
C-0046

32" AUGER GEARCASE ASSEMBLY NO. 66-8022

Ref. No.	Part No.	Description	No. Used
1	62-1532	Shaft - Auger (32")	1
2	7-0045	Seal - Oil	2
3	256-237	Bushing - Sleeve	2
4	62-0570	Gearcase Assembly - R.H. (Incl. Ref. # 2-3)	2
5	252-71	Bearing - Thrust	2
6	66-7810	Shaft - Impeller	1
7	32151-33	Ring - Snap	1
8	252-78	Washer - Thrust	2
9	252-76	Bearing - Thrust	1

Ref. No.	Part No.	Description	No. Used
10	37-6560	Bushing - Input	1
11	253-149	Seal - Input	1
12	3257-10	Key - Woodruff	1
13	62-0580	Gearcase Assembly - L.H. (Incl. Ref. # 2-3)	1
14	281-1	Plug - Pipe Sq. Hd.	1
15	62-0120	Gear - Helical	1
16	62-1150	Bushing - Worm	1
17	32144-86	Screw - Hex Washer Hd.	6
*	505-105	Sealant - 100g Tube	1

*Not Illustrated



C-0051

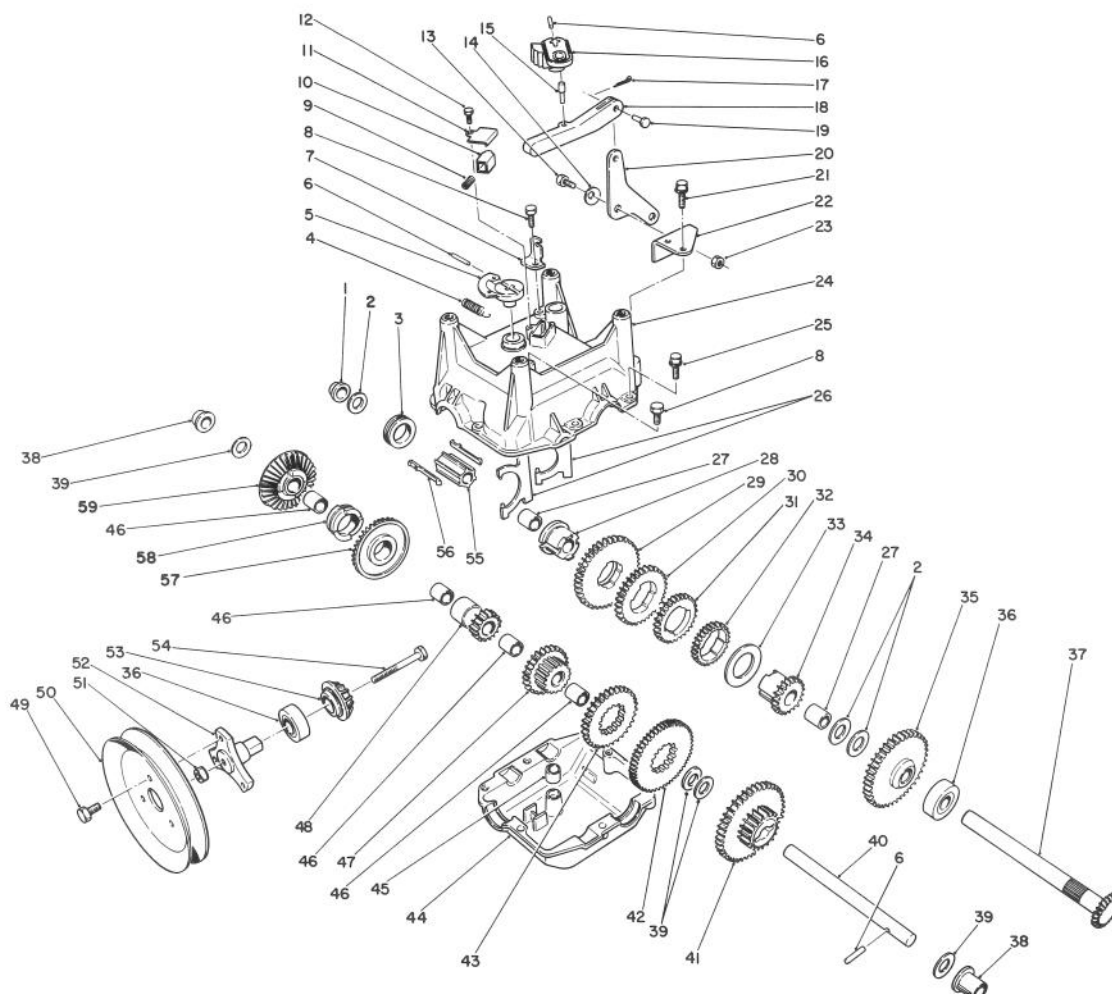
ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3212-8	Screw - Cap Hex. Hd.	1
2	3253-6	Washer - Lock	1
3	62-0940	Sheave Half - Impeller	1
4	63-2964	Belt - Impeller	1
5	62-0930	Hub - Sheave	1
6	63-2953	Belt - Traction	1
7	62-0920	Sheave Half - Traction	1
8	68-7510	Guide - Belt	1
9	288-10	Cap - Pipe	1
10	289-45	Nipple - Pipe	1
†11		Engine - Briggs & Stratton Model No. 252416 Type No. 0756-01 (Model No. 38580 Only)	1
†*		Engine - Briggs & Stratton Model No. 252416 Type No. 0757-01 (Model No. 38566 Only)	1
12	62-7290	Decal - Hot Surface (Model No. 38580 Only)	1
*	63-2310	Decal - Hot Surface (Model No. 38566 Only)	1

Ref. No.	Part No.	Description	No. Used
13	63-2340	Decal - Throttle	1
14	63-2320	Decal - Primer	1
15	63-2360	Decal - Choke (Model No. 38580 Only)	1
*	63-2460	Decal - Choke (Model No. 38566 Only)	1
16	2210-250	Screw - Hex. Washer Hd.	1
17	32128-20	Nut - Lock	4
18	3234-7	Screw - Hex Flange Hd.	4
19	63-2640	Joint- Ball	1
20	3296-39	Nut - Lock	1
21	63-2930	Chain - Drive	1
22	66-8030	Transmission Assembly	1
23	63-2990	Frame - Transmission	1
24	3290-461	Washer - Belleville	4
25	11-0590	Screw - Cap Hex Hd.	4
26	3253-4	Washer - Lock	2
27	3210-1	Screw - Cap Hex Hd.	2
*	12-8949	Loose Parts Kit	1

†Obtain from your local Briggs & Stratton Dealer.

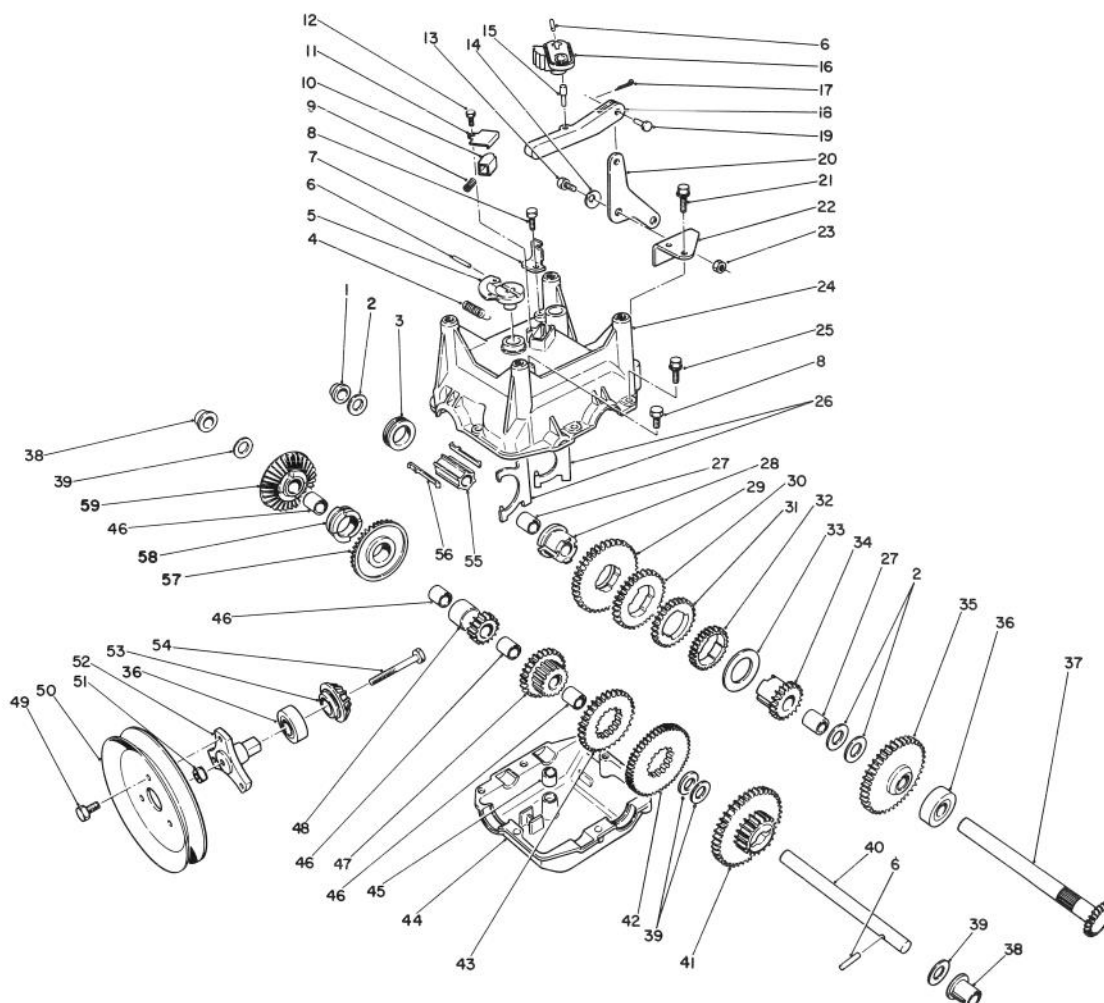
*Not Illustrated



C-0052

TRANSMISSION ASSEMBLY NO. 66-8030

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	62-1180	Bushing - Output (Flange)	1	22	62-1190	Bracket - Bellcrank	1
2	252-59	Washer - Thrust	3	23	3296-42	Nut - Lock	1
3	62-0430	Collar - Shift (Speed)	1	24	62-0490	Gear Case - Upper	1
4	63-2920	Spring - Extension (F/R Return)	1	25	32144-86	Screw - Hex Washer Hd.	6
5	62-0880	Lever - Direction Shift	1	26	62-1040	Yoke-Shift	2
6	32121-106	Pin - Coil	3	27	62-1350	Bushing - Output	2
7	62-1740	Bracket - Cable	1	28	62-0320	Sleeve	1
8	32144-4	Screw - Self Tapping	2	29	62-0240	Gear - 45T	1
9	63-2890	Spring - Compression (Detent)	1	30	62-0220	Gear - 34T	1
10	62-1020	Button - Detent	1	31	62-0200	Gear - 27T	1
11	62-1690	Cover - Detent	1	32	62-0250	Gear - 29T	1
12	32104-71	Screw - Pan Hd.	1	33	63-2280	Washer - Thrust	1
13	63-3410	Bolt - Shoulder	1	34	62-0340	Sleeve - Gear 19T	1
14	3290-477	Washer - Curved	1	35	62-0370	Gear - 41T	1
15	63-2190	Pin - Gearshift Link	1	36	38-7820	Bearing - Ball	2
16	62-0870	Lever - Gear Shift	1	37	62-1080	Shaft - Output	1
17	3272-1	Pin - Cotter	1	38	62-1170	Bushing - Flange	2
18	62-0860	Link - Gearshift	1	39	257-10	Washer - Thrust	4
19	283-3	Pin - Clevis	1	40	62-0330	Shaft - Intermediate	1
20	63-2600	Bellcrank	1	41	62-0360	Gear - Compound 19T/41T	1
21	32104-95	Screw - Hex Washer Hd.	2	42	62-0260	Gear - 51T	1
				43	62-0210	Gear - 33T	1
				44	62-0480	Gear Case - Lower	1



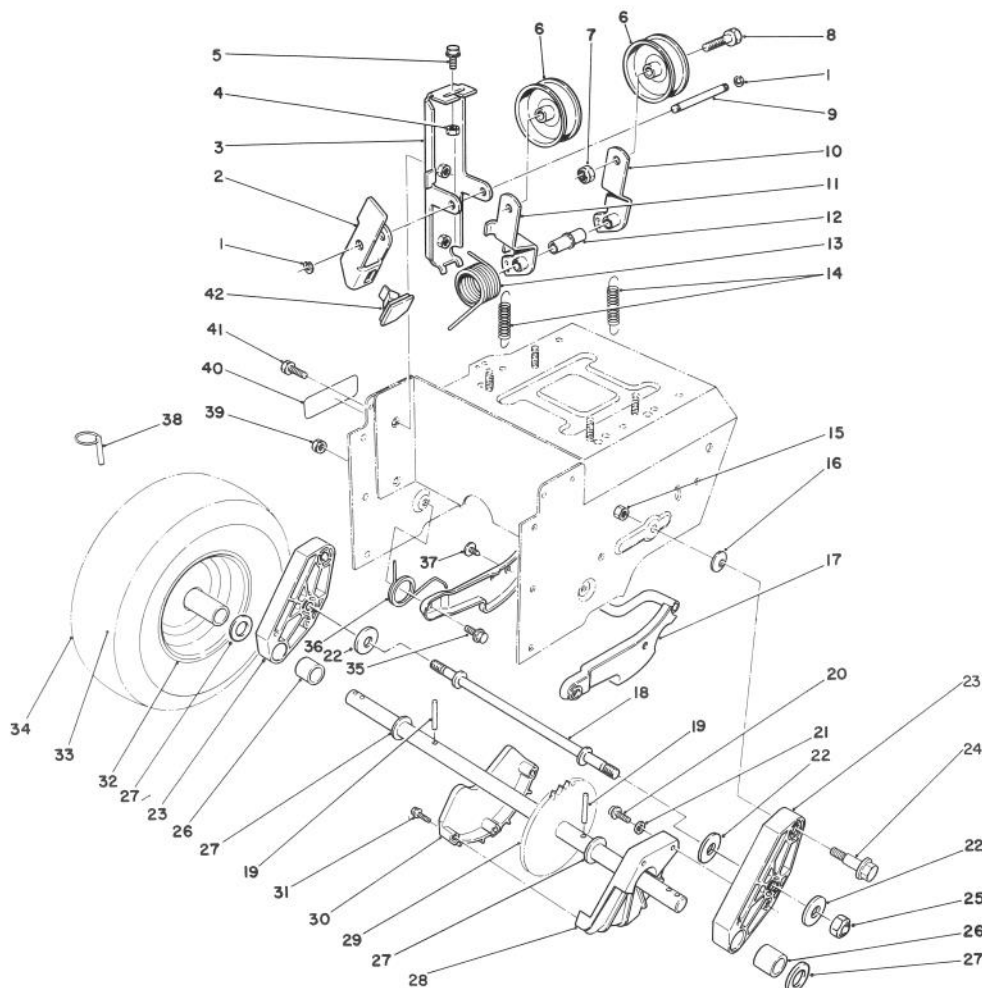
C-0052

TRANSMISSION ASSEMBLY NO. 66-8030 (Continued)

Ref. No.	Part No.	Description	No. Used
45	29-9570	Bushing - Yoke	1
46	62-1160	Bushing - Intermediate	4
47	68-4310	Gear - 26T	1
48	62-0500	Gear - 15T	1
49	12-3270	Screw	3
50	62-1310	Pulley - Traction	1
51	32128-32	Nut - Flange Lock	1
52	62-0380	Hub - Pulley	1
53	62-0350	Pinion - Bevel 19T	1

Ref. No.	Part No.	Description	No. Used
54	321-15	Screw - Cap Hex Hd.	1
55	68-4320	Sleeve - Shift	1
56	62-0310	Key - Shift	2
57	67-5870	Gear - Bevel 36T	1
58	67-5880	Collar - Shift	1
59	13-3559	Gear - Bevel Reverse 36T (Incl. Ref. #46)	1
*	505-101	Grease - 14.5 oz. Cartridge	1

*Not Illustrated

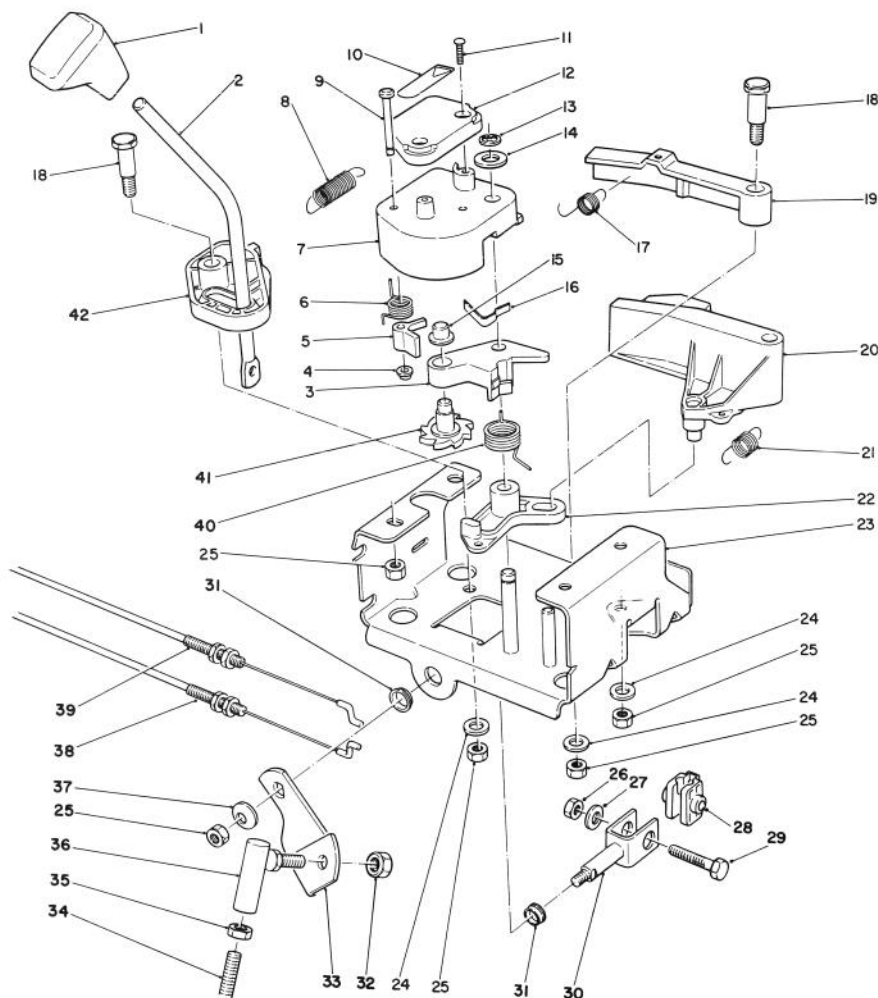


C-0053

TRACTION DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32120-46	Ring - Retaining	2	25	3296-23	Nut - Lock	2
2	63-2820	Arm - Brake	1	26	63-2250	Bushing - Axle	2
3	63-2850	Bracket - Idler Arm	1	27	252-80	Washer - Thrust	4
4	3296-42	Nut - Lock	1	28	62-1010	Guard - Chain L.H.	1
5	3234-13	Screw - Cap Hex. Hd.	1	29	63-2112	Axle Assembly	1
6	3-4244	Pulley - Idler	2	30	62-1000	Guard - Chain R.H.	1
7	3296-59	Nut - Lock	2	31	32104-118	Screw - Hex Flange Hd.	3
8	323-7	Screw - Cap Hex Hd.	2	32	241-127	Rim - Wheel	2
9	62-0970	Pin - Idler	1	33	232-48	Tube - Inner	2
10	62-1260	Arm - Traction Idler	1	34	231-123	Tire	2
11	62-1280	Arm - Impeller Idler	1	35	5-2490	Bolt - Shoulder	2
12	62-1210	Bushing - Idler	1	36	63-2740	Spring - Torsion	1
13	63-2881	Spring - Torsion	1	37	3290-476	Fastener - Panel	1
14	63-2870	Spring - Extension	2	38	3290-243	Pin - Klik	2
15	3296-39	Nut - Lock	2	39	3296-47	Nut - Lock	2
16	3290-461	Washer - Belleville	2	40	66-6860	Decal - Warning (Model No. 38580 Only)	1
17	62-0470	Latch - Arm	1	*	63-3470	Decal - Warning (Model No. 38566 Only)	1
18	66-7720	Rod - Latch	1	41	3234-7	Screw - Hex Flange Hd.	2
19	32121-9	Pin - Roll	2	42	66-8060	Pad - Brake	1
20	32144-4	Screw - Hex Flange Hd.	2	*	66-9230	Wheel & Tire Assembly (Incl. Ref. #32-34)	1
21	3256-1	Washer - Flat	2	*	63-3040	Tire Chains Kit (Optional)	1
22	63-3340	Washer	4				
23	66-7740	Pivot Arm Assembly (Incl. Ref. # 26)	2				
24	62-1330	Bolt - Shoulder	2				

*Not Illustrated

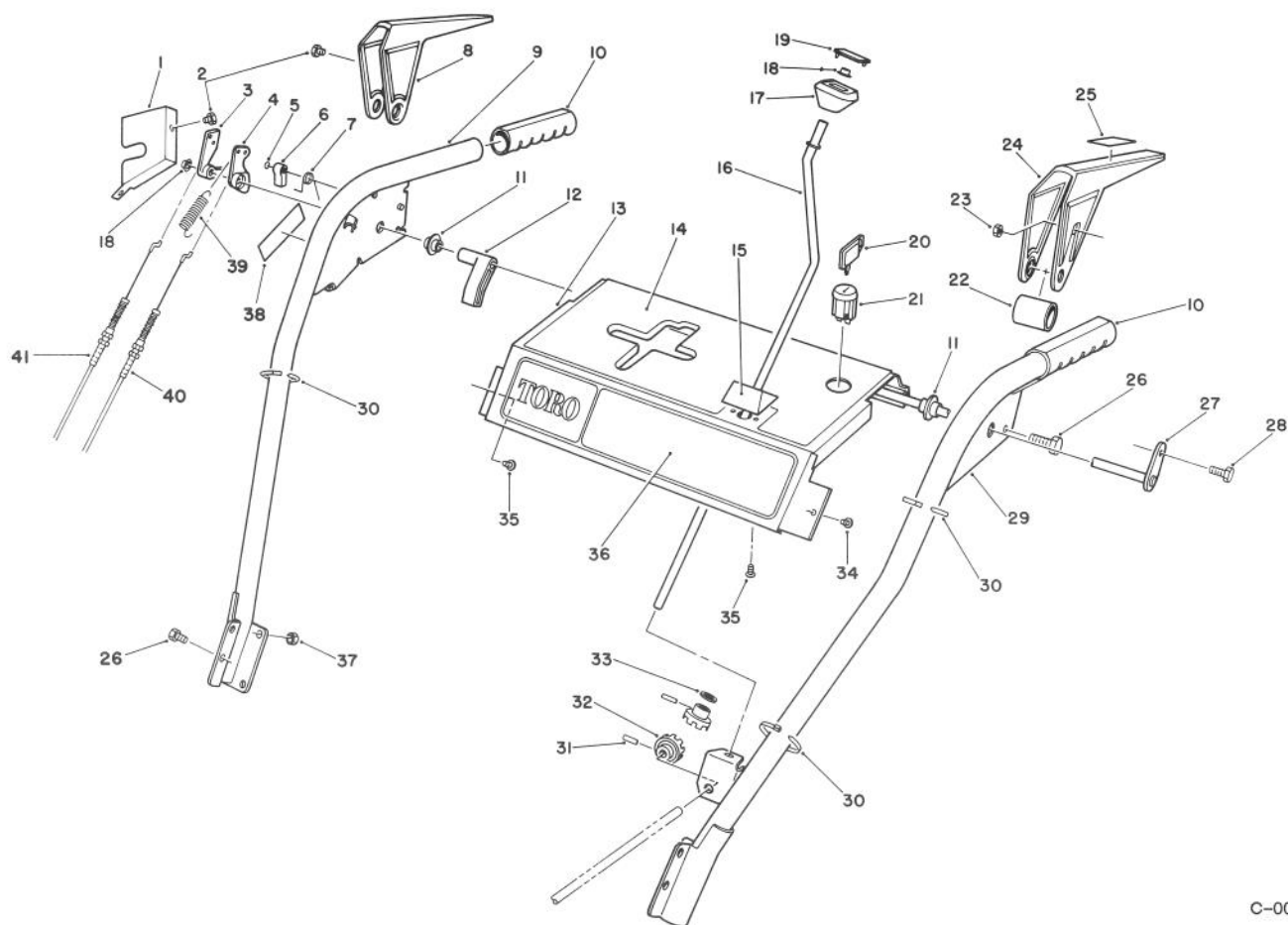


C-0054

TRACTION LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62-1290	Knob - Shift	1
2	67-9240	Rod - Shift (Upper)	1
3	62-1110	Lever - Index Wheel	1
4	3290-422	Nut - Push	1
5	62-0180	Tang - Index	1
6	62-1650	Spring - Torsion	1
7	62-1100	Lever - Latch	1
8	63-2220	Spring - Extension (Latch Lever)	1
9	63-2610	Pin - Tang	1
10	63-2480	Decal - #2	1
11	32104-118	Screw - Pan Hd.	2
12	62-1140	Cover - Latch	1
13	32120-46	Ring - Retaining	1
14	257-9	Washer - Thrust	1
15	3290-320	Nut - Push	1
16	62-1710	Spring - Flat	1
17	63-2240	Spring - Extension (Lockout)	1
18	63-2650	Screw - Shoulder	2
19	62-1700	Lever - Lockout	1
20	62-1130	Lever - Reverse	1

Ref. No.	Part No.	Description	No. Used
21	63-2230	Spring - Extension (Reverse Lever)	1
22	62-1120	Lever - Reverse	1
23	63-2150	Frame - Control	1
24	3256-23	Washer - Flat	3
25	3296-29	Nut - Lock	7
26	3296-42	Nut - Lock	1
27	3256-1	Washer - Flat	1
28	67-9250	Retainer - Shift Rod	1
29	321-43	Screw - Cap Hex. Hd.	1
30	66-7730	Clevis	1
31	256-296	Bushing - Nylon	2
32	3296-39	Nut - Lock	1
33	63-2630	Bracket - Shift	1
34	63-2830	Rod - Shift (Lower)	1
35	3220-3	Nut - Jam	2
36	63-2640	Joint - Ball	1
37	3290-456	Washer - Belleville	1
38	63-2210	Cable - Gearbox	1
39	63-2200	Cable - Latch	1
40	63-2270	Spring - Torsion	1
41	62-0170	Wheel - Index	1
42	62-1470	Base - Lockout	1

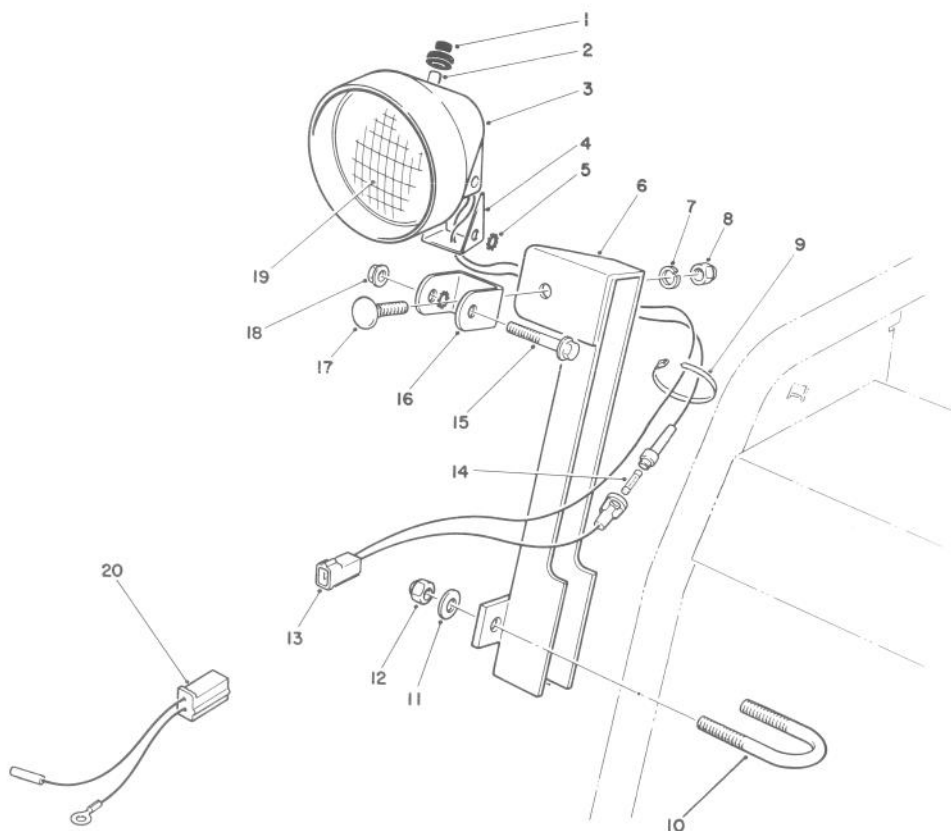


C-0055

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	63-2170	Cover - Lever Lock	1	23	3296-2	Nut - Lock	1
2	2210-250	Screw	3	24	62-1060	Lever - Traction	1
3	62-0300	Tang - Locking	1	25	63-3050	Decal - Lever (Model No. 38580 Only)	1
4	62-0290	Cam - Release	1	26	3234-7	Screw - Hex Flange Hd.	6
5	32151-66	Ring - Retaining	1	27	63-2030	Rod - Cross	1
6	62-0280	Latch - Lock	1	28	3290-359	Screw	1
7	63-2910	Spring - Torsion	1	29	66-8091	Handle - L.H.	1
8	62-1050	Lever - Impeller	1	30	3290-378	Tie - Cable	3
9	62-1381	Handle - R.H.	1	31	32121-50	Pin - Roll	2
10	66-7850	Handlegrip	2	32	62-1460	Gear - Universal	2
11	62-1070	Bushing - Lever	2	33	62-1230	Washer - Rubber	1
12	62-1640	Lever - Trip	1	34	32104-76	Screw - Self Tapping	2
13	66-8100	Panel - Control	1	35	32104-118	Screw - Pan Hd.	2
14	66-6850	Decal - Panel Top (Model No. 38580 Only)	1	36	63-2530	Decal - Panel Front	1
*	63-2550	Decal - Panel Top (Model No. 38566 Only)	1	37	3296-47	Nut - Lock	4
15	62-1490	Plate - Guide	1	38	66-6860	Decal - Warning (Model No. 38580 Only)	1
16	63-2160	Rod - Chute Crank	1	*	63-3470	Decal - Warning (Model No. 38566 Only)	1
17	62-1320	Knob - Chute Control	1	39	63-2720	Spring - Extension	1
18	3290-320	Nut - Push	2	40	63-2710	Cable - Traction	1
19	62-1520	Cover - Knob	1	41	63-2700	Cable - Impeller	1
20	63-8360	Key - Switch	1	*	63-3420	Harness - Wire	1
21	40-5940	Switch - On/Off	1				
22	63-3380	Spacer - Traction Lever	1				

*Not Illustrated



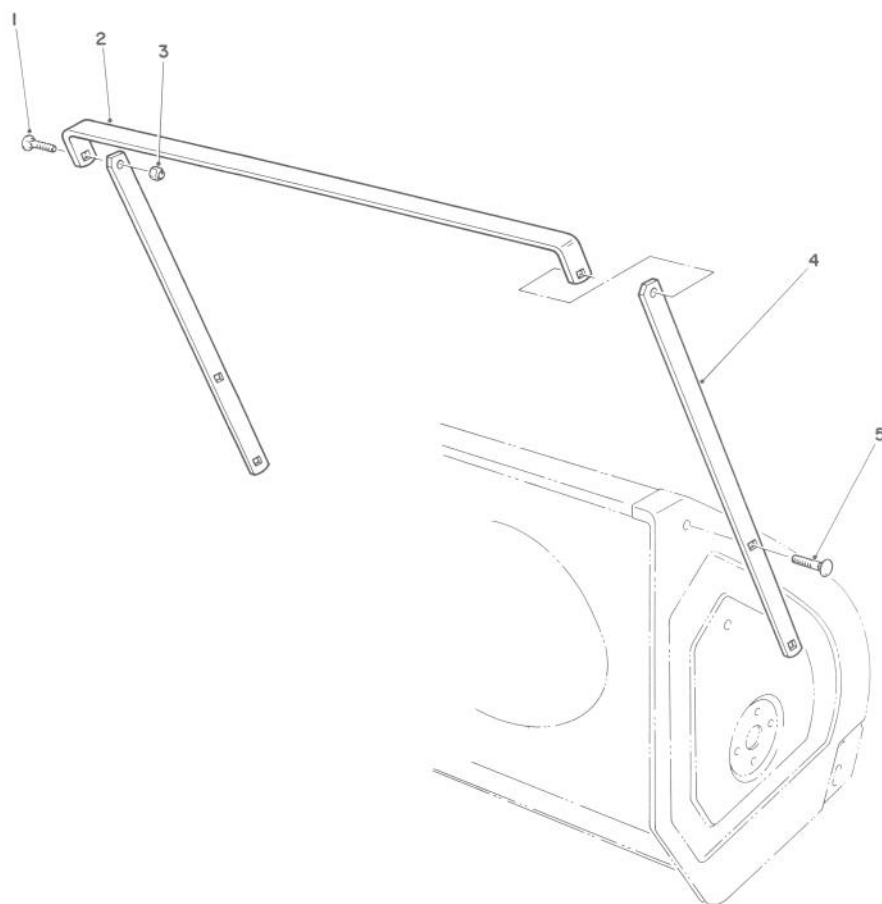
C-0071

LIGHT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	218-473	Boot - Switch	1	†14		Fuse - 7-1/2 Amp.	1
2	218-553	Switch Assembly	1	15	322-13	Screw - Hex. Flange Hd.	1
3	218-552	Bucket - Headlamp	1	16	218-556	Bracket - U	1
4	218-554	Bracket	1	17	3231-2	Bolt - Carriage	1
5	3255-8	Washer - Lock	2	18	32128-35	Nut - Flange Lock	1
6	68-7110	Mount - Lamp	1	19	218-15	Bulb - Sealed Beam	1
7	3253-21	Washer - Lock	1	20	54-9810	Wire Assembly	1
8	3217-7	Nut - Hex.	1	*	54-9870	Headlamp Assembly (Incl. Ref. #1-5, 7-8 & 13-19)	1
9	3290-378	Tie Wrap	2	*	66-7940	Light Assembly (Incl. Ref. #1-20) (Option for Model 38580)	1
10	68-7140	Bolt - U	1				
11	3256-23	Washer - Flat	2				
12	3296-29	Nut - Lock	2				
13	218-555	Wire Assembly	1				

*Not Illustrated

†Obtain Locally



C-0068

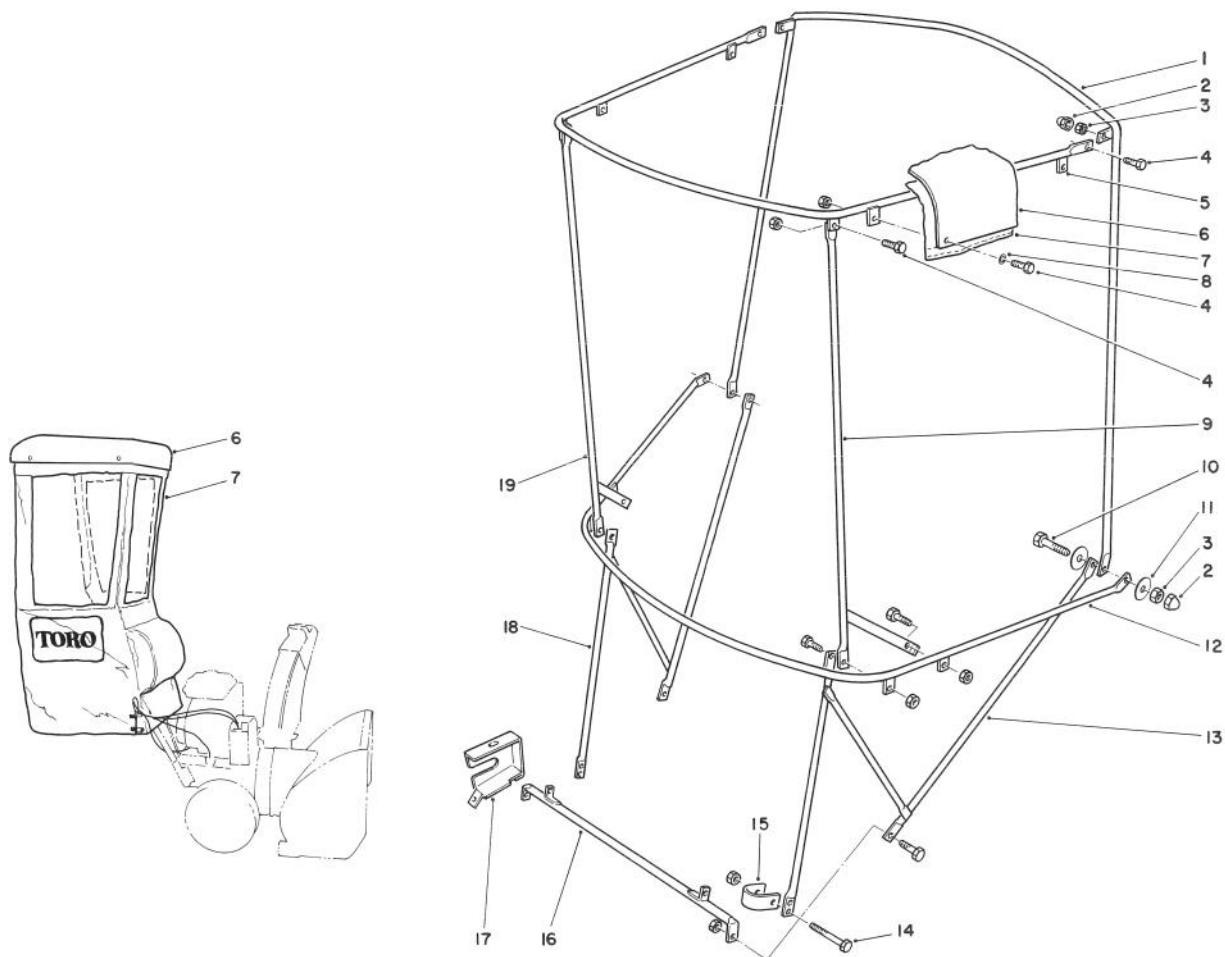
DRIFT BREAKER ASSEMBLY (Optional)

Ref. No.	Part No.	Description	No. Used
1	3230-16	Bolt - Carriage Breaker - Top (32")	2
†2			1
3	3296-29	Nut - Lock Breaker - Side	6
†4			2

Ref. No.	Part No.	Description	No. Used
5	3230-1	Bolt - Carriage	4
*	66-7980	Drift Breaker Kit (Incl. Ref. #1-5)	1

*Not Illustrated

†Items not sold separately.



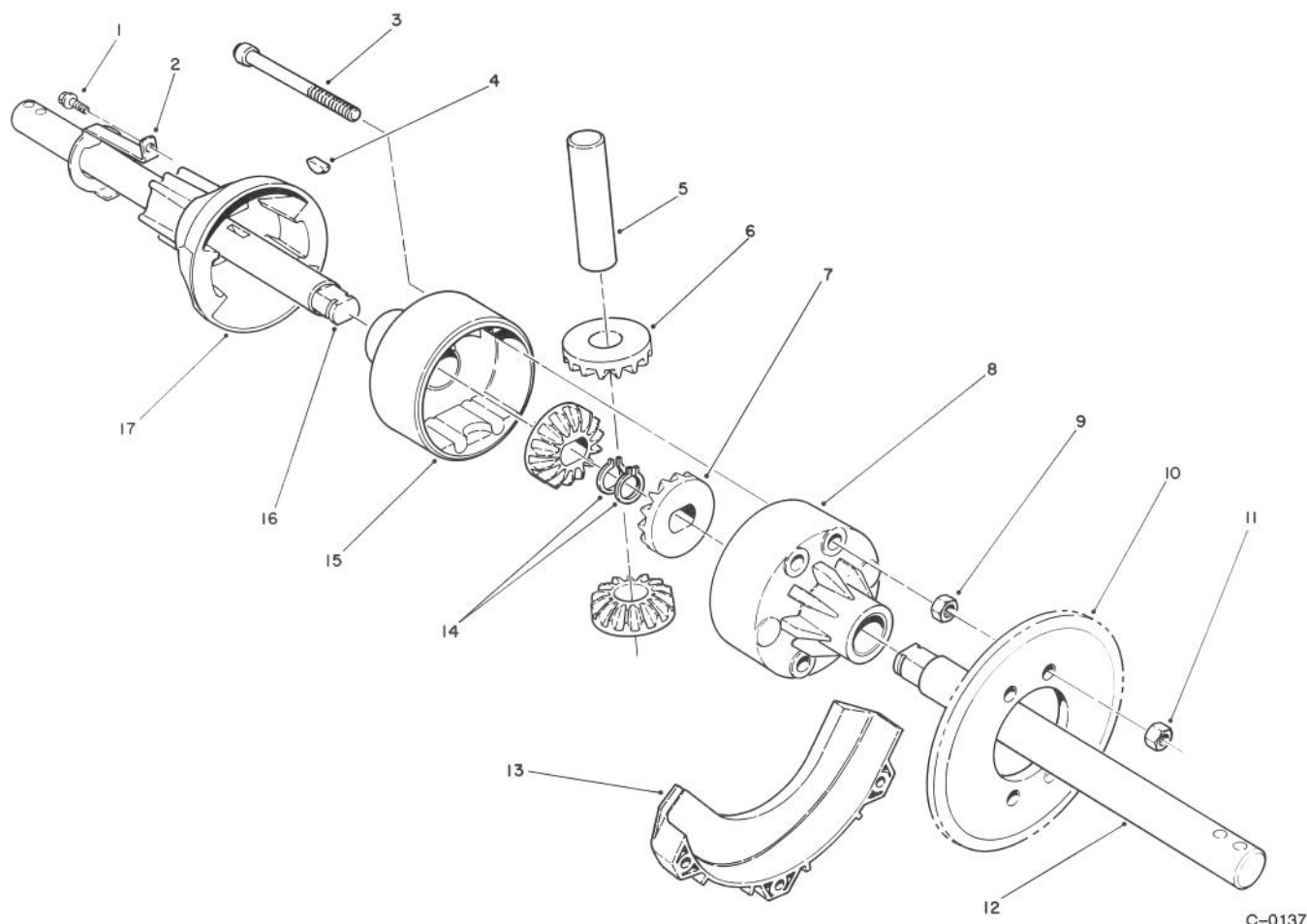
C-0138

SNOW CAB ASSEMBLY NO. 68-9500 (Optional)

Ref. No.	Part No.	Description	No. Used
1	70-2260	Bow - Vertical	1
2	70-2240	Cover - Nut	4
3	32153-4	Nut - Lock	18
4	321-4	Screw - Cap Hex. Hd.	14
5	70-2250	Frame - Top	1
†6		Top - Plastic	1
†7		Cover - Vinyl	1
8	3256-1	Washer - Flat	4
9	70-2220	Post - Corner L.H.	1
10	321-6	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
11	3256-58	Washer - Fender	4
12	70-2270	Bow - Horizontal	1
13	66-6230	Bracket - Attaching L.H.	1
14	321-11	Screw - Cap Hex. Hd.	2
15	66-6240	Clamp - U	2
16	66-6210	Bracket - Base Attaching	1
17	63-3330	Cover - Lever	1
18	66-6220	Bracket - Attaching R.H.	1
19	70-2230	Post - Corner R.H.	1

†Not sold separate

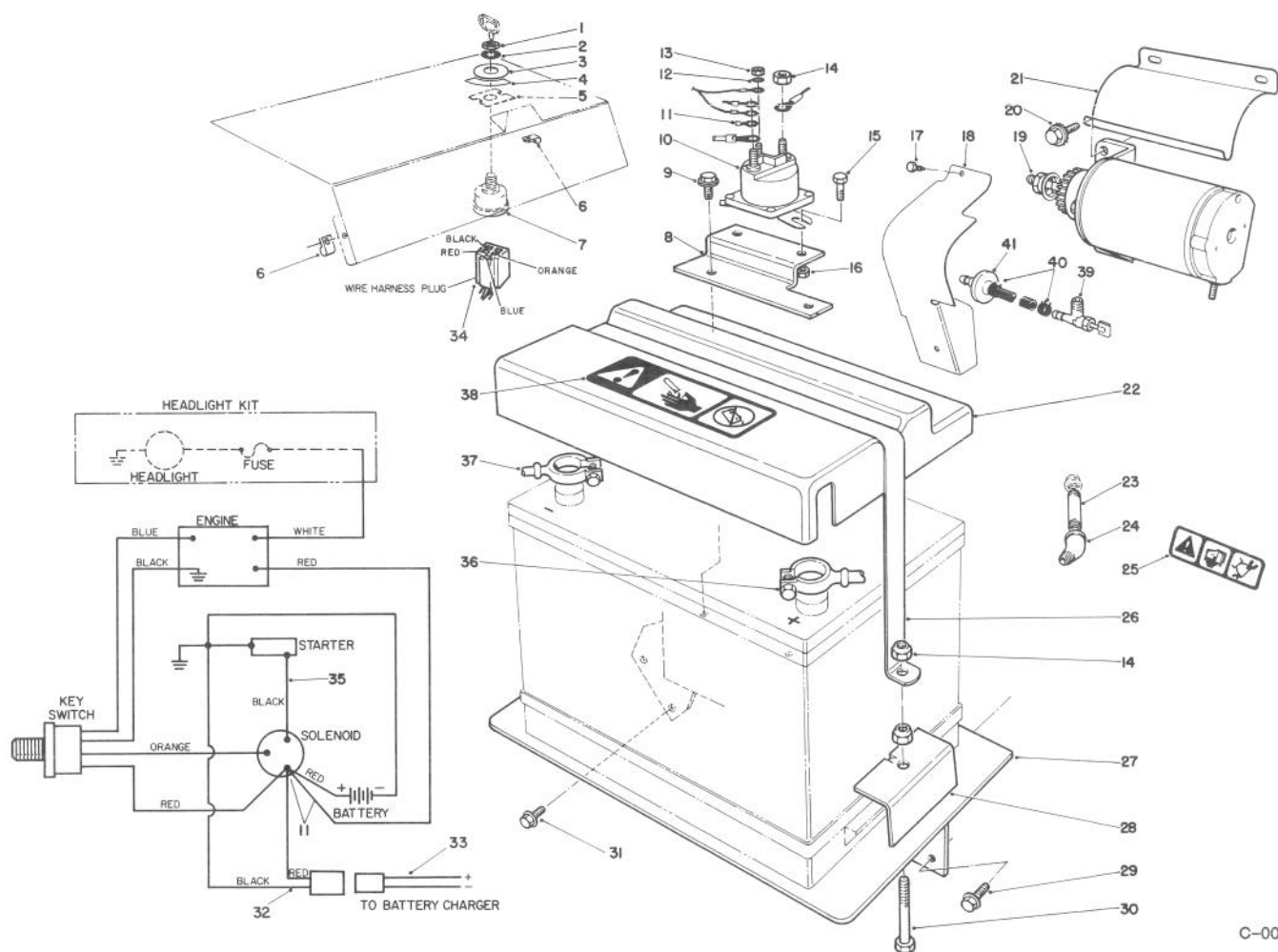


C-0137

DIFFERENTIAL KIT MODEL NO. 38038 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32144-73	Screw - Hex. Washer Hd.	1	11	3296-47	Nut - Lock	1
2	68-9260	Spring - Lockout	1	12	68-9230	Shaft - Differential L.H.	1
3	3274-82	Screw - Hex. Socket Hd.	4	13	68-9310	Guard - Chain R.H.	1
4	3257-41	Key - Woodruff	2	14	32120-93	Ring - Retaining	2
5		Shaft - Cross	1	15	68-9210	Housing - Male	1
6		Gear - Cross Shaft Pinion	2	16	68-9240	Shaft - Differential R.H.	1
7		Gear - Side Pinion	2	17	68-9250	Coupling - Differential	1
8	68-9220	Housing - Female	1	*	68-8410	Cover - Lower Belt	1
9	3217-6	Nut - Hex.	4	*	68-9390	Decal - Caution/Instructions	1
10	68-9271	Sprocket - 27T (Used on Models 38510, 38513, 38540 & 38543)	1	*	68-9280	Gear Set (Incl. Ref. #5-7)	1
*	68-9270	Sprocket - 32T (Used on Models 38500, 38505, 38520, 38525, 38545, 38566, 38570, 38574 & 38580)	1				

*Not Illustrated



C-0073

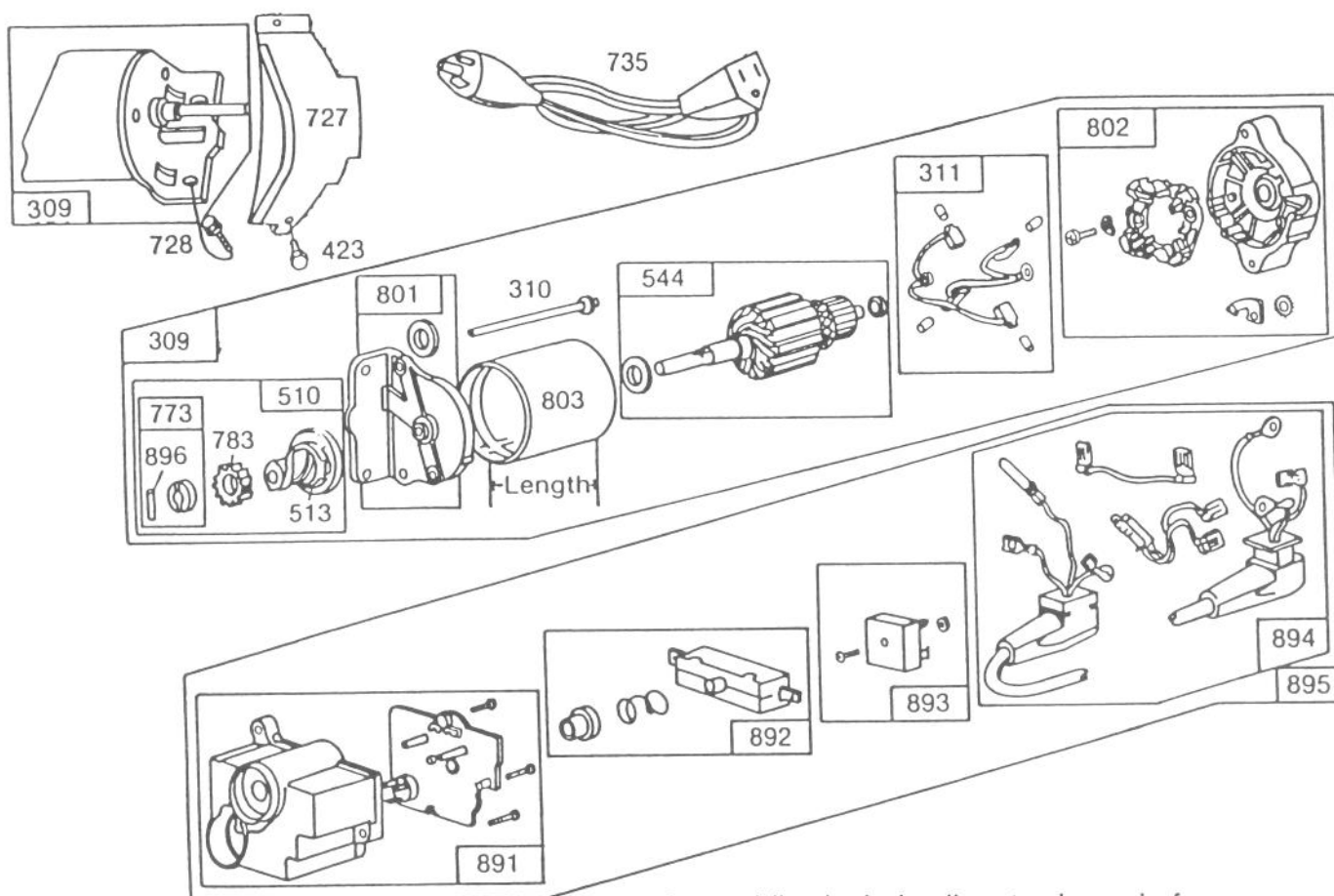
12 VOLT STARTER MOTOR KIT NO. 66-7700 (Optional) (for Model No. 38566)

Ref. No.	Part No.	Description	No. Used
1	218-461	Nut - Hex.	1
2	3254-5	Washer - Lock	1
3	66-7690	Washer	1
4	66-7660	Decal - Key Switch	1
5	66-7680	Adapter - Key Switch	1
6	2412-101	Clip - Wire	2
7	23-0660	Switch - Starter (Incl. Ref. #1-2)	1
8	66-7630	Plate - Solenoid Mounting	1
9	32144-10	Screw - Thread Forming	2
10	6-1600	Solenoid	1
11	218-575	Terminal	1
12	3254-1	Washer - Lock	1
13	3219-14	Nut - Hex.	1
14	3296-29	Nut - Lock	6
15	321-2	Screw - Cap Hex. Hd.	2
16	3296-42	Nut - Lock	2
†17	93984	Screw - Self Tapping	2
†18	280265	Shield - Pinion	1
†19	490420	Starter Motor Assembly	1
†20	93535	Screw - Cap Hex. Hd.	2
21	222592	Shield - Drip	1
22	22-8900	Cover - Battery	1

Ref. No.	Part No.	Description	No. Used
23	289-36	Nipple - Pipe	1
24	2811-3	Fitting - 45° Elbow	1
25	63-3470	Decal - Warning	1
26	22-8850	Strap - Battery Cover	1
27	66-7600	Plate - Battery Mounting	1
28	22-8870	Hold-Down - Battery	2
29	3234-17	Screw - Hex. Flange Hd.	2
30	322-11	Screw - Cap Hex. Hd.	2
31	3234-5	Screw - Hex. Flange Hd.	2
32	29-7830	Wire Assembly	1
33	29-7820	Wire Assembly	1
34	66-7650	Harness - Wire	1
35	22-9310	Wire Assembly	1
36	22-9320	Cable - Battery Pos.	1
37	29-9330	Cable - Battery Neg.	1
38	66-7640	Decal - Battery Cover	1
†39	399949	Valve - Fuel Tank	1
40	2210-307	Clamp - Fuel Line	2
†41	298090	Filter - Fuel	1
*	3290-378	Tie Wrap	5
*	26-3870	Battery Charger (110V)	1
*	26-7140	Battery Charger (220V)	1

*Not Illustrated

†Obtain from your local Briggs & Stratton dealer.



Assemblies include all parts shown in frames.

120V ELECTRIC STARTER MOTOR NO. 37-4630 (Optional)

Ref. No.	Part No.	Description	No. Used
309	396505	Motor & Drive Assembly	1
310	93934	Thru Bolt Assembly	2
311	393612	Brush Assembly	1
423	93984	Screw	1
510	391461	Drive Assembly (Incl. Ref. #513, 773, 783 & 896)	1
513	391135	Clutch Assembly	1
544	393607	Armature Assembly	1
727	395405	Cover - Starter (Includes Mounting Screws)	1
728	93535	Screw	1
735	390966	Cord - Starter	1
773	391462	Retainer (Incl. Ref. #896)	1

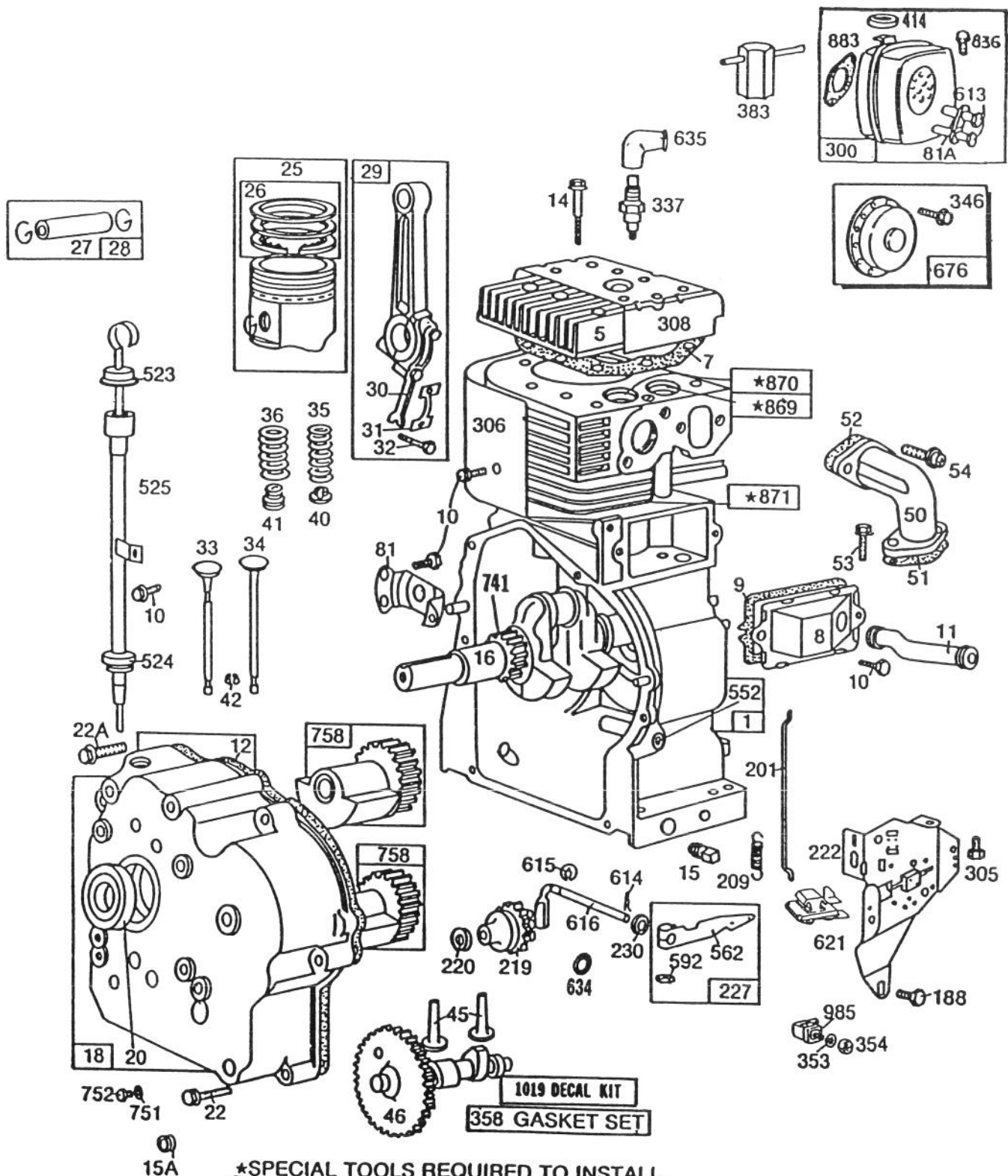
Ref. No.	Part No.	Description	No. Used
783	280104	Gear	1
801	394398	Drive End Cap Assembly	1
802	491192	Commutator End Cap Assy.	1
803	491008	Housing Assembly	1
891	393705	Housing Group	1
892	393708	Switch Group	1
893	393707	Rectifier Group	1
894	393706	Lead Group	1
895	393486	Control Group	1
896	93754	Roll Pin	1
*†	38-0070	Bracket - Switch	1
*†	3296-2	Nut - Lock	3
*†	3252-6	Screw - Cap Socket Hd.	3

*Not Illustrated

†Obtain from your local Toro Dealer.

Note: Obtain individual parts from your local Briggs & Stratton Dealer.

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01 (Model No. 38580 & 38566)



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01 (Model No. 38580 & 38566)

Ref. No.	Part No.	Description	No. Used
1	396209	Cylinder Assembly	1
5	212917	Head - Cylinder	1
†7	271075	Gasket - Cylinder Head	1
8	391575	Breather Assembly	1
9	27803	Gasket - Valve Cover	1
10	93394	Screw	1
11	280112	Tube - Breather	1
†12	270856	Gasket - Crankcase Cover (.015" Thick)	1
†**	270857	Gasket - Crankcase Cover (.005" Thick)	1
†**	270858	Gasket - Crankcase Cover (.009" Thick)	1
14	93723	Screw - Cylinder Head Note: 93211 Screw - Cylinder Head	6
15	91084	Plug - Oil Drain	1
15A	93418	Plug - Hex. Socket	1
16	399723	Crankshaft Note: To Replace Gear Key, Order Part No. 94196.	1
18	391714	Cover - Crankcase	1
20	291675	Seal - Oil	1
22	93585	Screw - Crankcase Cover Note: 93730 Stud - Cover 90366 Washer - Lock 91397 Nut - Hex.	8
22A	93764	Screw - Crankcase Cover	1
25	391285	Piston Assy. (Std.)	1
**	391287	Piston Assy. (.010" OS.)	1
**	391288	Piston Assy. (.020" OS.)	1
**	391289	Piston Assy. (.030" OS.)	1
26	391780	Piston Ring Set (Std.)	1
**	391781	Piston Ring Set (.010" OS.)	1
**	391782	Piston Ring Set (.020" OS.)	1
**	391783	Piston Ring Set (.030" OS.) Note: For Chrome Ring Set Standard Size - Order No. 392331	1
27	260924	Lock - Piston Pin	2
28	299691	Pin - Piston (Std.)	1
**	391286	Pin - Piston (.005" OS.)	1
29	490348	Connecting Rod Assy. Note: For Connecting Rod with .020" Undersize Crankpin Bore - Order No. 490469	1
30	222329	Dipper - Connecting Rod	1
31	222299	Lock - Connecting Rod	1
32	92909	Screw - Connecting Rod	2
33	261185	Valve - Exhaust	1
34	261462	Valve - Intake	1
35	65906	Spring - Intake Valve	1
36	26828	Spring - Exhaust Valve	1
40	221596	Retainer - Intake Valve	1
41	292260	Rotocoil - Exhaust Valve	1

Ref. No.	Part No.	Description	No. Used
42	93630	Retainer - Exhaust Valve	2
45	262248	Tappet - Valve	2
46	212897	Gear - Cam	1
50	490051	Elbow - Intake	1
†51	270267	Gasket - Carburetor	1
†52	270872	Gasket - Intake Elbow	1
53	93415	Screw - Carburetor	2
54	93208	Screw - Intake Elbow	2
81	222407	Retainer - Counterweight	1
81A	2223061	Lock - Screw	1
188	93535	Screw	1
201	261236	Link - Governor	1
209	260695	Spring - Governor	1
219	391737	Gear - Governor	1
220	221551	Washer - Thrust	1
222	399152	Plate - Governor Control	1
227	396775	Governor Lever Assy.	1
230	222450	Washer - Governor Crank	1
300	491626	Muffler - Exhaust	1
305	93158	Screw	1
306	222744	Shield - Cylinder	1
308	222306	Cover - Cylinder Head	1
337	293918	Plug - Spark	1
346	93705	Screw	1
353	92791	Washer - Lock	1
354	90576	Nut - Hex.	1
358	391834	Gasket Set	1
383	89838	Wrench - Spark Plug	1
414	231109	Spacer - Muffler	1
523	490665	Dipstick/Filler Oil	1
524	68838	Seal - Filler Tube	1
525	392283	Tube - Oil Filler	1
552	231598	Bushing - Governor Crank	1
562	92613	Bolt - Governor Lever	1
592	231082	Nut - Hex.	1
613	93927	Screw - Hex. Hd.	1
614	93306	Cotter - Hair Pin	1
615	93307	Retainer - E-Ring	1
616	231057	Crank - Governor	1
621	396847	Switch - Stop	1
634	491323	Seal - Oil	1
635	66538	Elbow - Spark Plug	1
676	396903	Deflector - Exhaust	1
741	262135	Gear - Timing	1
751	22355	Washer - Flat	1
752	93554	Screw - Plug	1
758	391481	Counterweight & Bearing	1
836	92747	Screw	1
869	261463	Seat - Intake Valve (Std.)	1
870	210940	Seat - Exhaust Valve (Std.)	1
871	231218	Guide Intake/Exhaust Valve See Repair Manual	1
883	270917	Gasket - Exhaust	1
985	398525	Insulator Assembly	1
1019	491195	Decal Kit	1

**Not Illustrated

†Included in Gasket Set #391834.

‡Included in Carburetor Overhaul Kit #394989.

**ENGINE BRIGGS & STRATTON MODEL 252416
TYPE 0756-01 & 0757-01 (Model No. 38580 & 38566)**



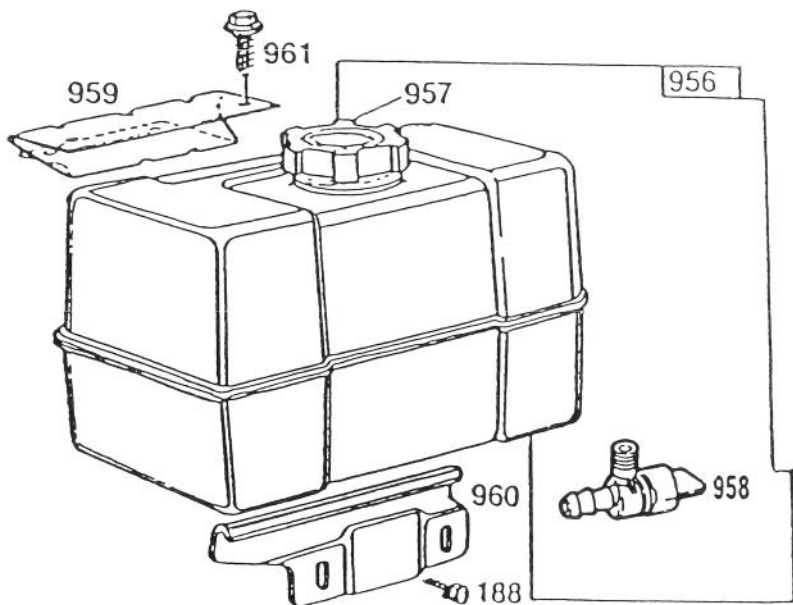
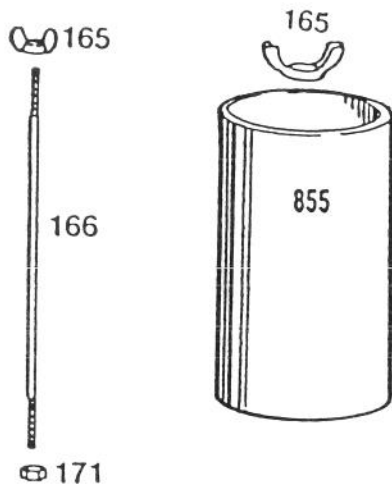
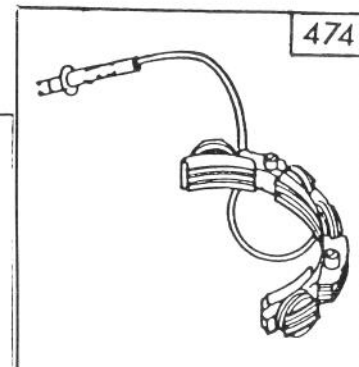
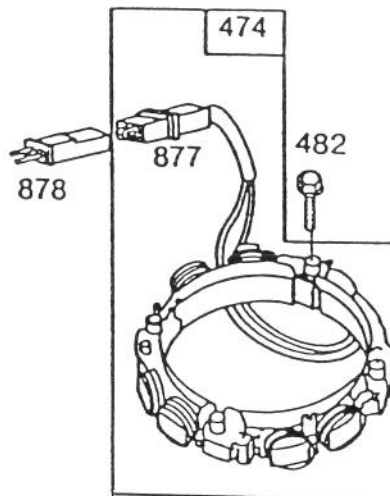
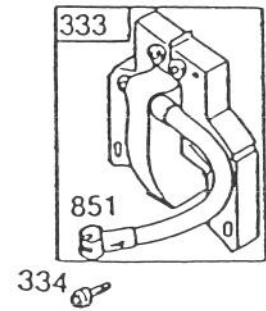
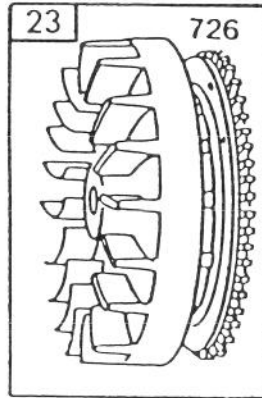
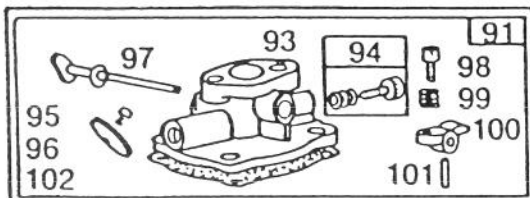
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01 (Model No. 38580 & 38566)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
3	391086	Seal - Oil	1	363	19203	Puller - Flywheel (Optional)	1
24	222698	Key - Flywheel	1	373	92987	Nut - Hex.	1
55	398099	Housing - Rewind Starter	1	387	399255	Primer	1
56	295871	Pulley - Rewind Starter (Includes 63" Rope)		467	391908	Knob - Choke Rod	1
57	490179	Spring - Rewind Starter	1	528	399256	Hose - Fuel	1
58	66884	Rope - Rewind Starter (63" Lg.)	1	528A	399254	Hose - Fuel	1
60	398101	Grip - Starter Rope	1	538	396085	Rod - Control	1
63	260414	Spring - Ratchet	1	587	220162	Clamp - Cable	1
64	230543	Adapter - Ratchet Spring	1	601	93807	Clamp - Hose (For .5" O.D. Hose)	2
65	93105	Screw - Rewind Starter	1	601A	94171	Clamp - Hose (For .25" O.D. Hose)	2
66	399671	Rewind Starter Clutch Assy.	1	608	397982	Rewind Starter Assembly	1
67	394897	Housing - Clutch	1	655	222598	Anchor - Spring	1
68	63770	Ball - Clutch	1	682	211516	Shield - Starter Clutch	1
70	298799	Ratchet - Starter Clutch	1	731	490173	Hood - Snow	1
71	221653	Washer - Retainer	1			Uses: 223825 Support	
73	221796	Screen - Rotating	1			93705 Screw	
74	93042	Screw	1			(Hood to Support)	
75	220865	Washer - Spring	1			93490 Screw	
76	68238	Washer - Ratchet Sealing	1			(Hood to Blower Housing)	
171A	90356	Nut - Control Rod	1			93640 Screw	
186	280727	Connector - Primer Hose	2			(Hood to Cylinder Head)	
187A	393815	Pipe - Fuel (11" Lg.)	1			90832 Washer - Lock	
231	94238	Screw	1	805	94189	Nut - Primer Retaining	1
304	392738	Housing - Blower	1	932	396084	Guide - Control Rod	1
305	93158	Screw	4	1016	490817	Spacer	1
353A	94281	Washer - Lock	1				

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01 (Model No. 38580 & 38566)

121 CARBURETOR OVERHAUL KIT



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01 (Model No. 38580 & 38566)

Ref. No.	Part No.	Description	No. Used
23	391988	Flywheel & Ring Gear Assy.	1
90	399252	Carburetor Assembly (Manual Friction)	1
91	391833	Upper Carburetor Body	1
93	23108	Bushing - Throttle Shaft	1
‡94	292681	Carburetor Idle Valve Assy.	1
95	93499	Screw - Throttle & Choke Valve	2
96	221939	Valve - Throttle	1
97	391596	Shaft/Lever - Throttle	1
98	91920	Screw - Mach. Hd.	1
99	26157	Spring - Throttle Adjustment	1
100	61967	Stop - Throttle	1
101	93043	Pin - Throttle Stop	1
†‡102	270268	Gasket - Carburetor Body	1
103	298514	Float - Carburetor	1
‡104	230896	Pin - Float Hinge	1
105	394681	Valve - Fuel Inlet	1
107	391829	Lower Carburetor Body	1
108	223781	Valve - Choke	1
109	391884	Shaft/Lever - Choke	1
110	62899	Washer - Choke Shaft	1
110A	222712	Washer - Choke Lever	1
111	26155	Spring - Choke Lever	1
112	23123	Screw - Choke Lever	1
‡113	394730	Nozzle - Carburetor	1
‡114	68667	Gasket - Nozzle	1
‡118	99525	Valve - Needle	1
119	93496	Screw	1
121	394989	Carburetor Overhaul Kit	1
‡127	221747	Plug - Welch	1
165	93453	Nut - Wing	1
166	231007	Stud - Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
171	92129	Nut - Hex.	1
187	296004	Pipe - Fuel (23" Lg.)	1
188	93535	Screw	1
244	230318	Connector - Fuel Pipe	1
333	398811	Armature Group	1
334	93381	Screw - Armature	1
356	398874	Wire - Ground	1
474A	391595	Stator - Alternator (For Model No. 38580 Only)	1
474B	393474	Stator Alternator (For Model No. 38565 Only)	1
482	93621	Screw	1
601	93807	Clamp - Hose (For .5" O.D. Hose)	2
726	392134	Gear - Flywheel Ring (Includes Mounting Parts)	1
727	223597	Guard - Ring Gear	1
	221968	Guard - Upper Ring Gear Uses: 93712 Screw (2) 93713 Washer - Lock (2)	1
851	221798	Terminal - Ignition Cable	1
855	231145	Stack - Carburetor Uses: 222726 Strap	1
877	393456	Diode & Connector Assy. (For Model No. 38565 Only)	1
878	393362	Harness - Alternator (For Model No. 38565 Only)	1
956	490579	Fuel Tank Assembly	1
957	397975	Cap - Fuel Tank	1
958	396244	Fuel Valve Assembly	1
959	223754	Bracket - Fuel Tank (Top)	1
960	223755	Bracket - Fuel Tank (Btm.)	1
961	94095	Screw - Fuel Tank	2

†Included in Gasket Set #391834.

‡Included in Carburetor Overhaul Kit #394989.

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Snowthrower has two identification numbers; a model number and a serial number. The two numbers are stamped on a decal which is located on the rear of the engine frame. In any correspondence concerning the lawnmower, supply model and serial numbers to assure that correct information and replacement parts are obtained.

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

1. Model and serial number of the Snowthrower.
2. Part number, description, and the quantity of part(s) desired.

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

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any

reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO Importer. If all other remedies fail, you may contact us at The Toro Company.

MAINTENANCE RECORD

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MAINTENANCE RECORD

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MAINTENANCE RECORD

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Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

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Litho in U.S.A.