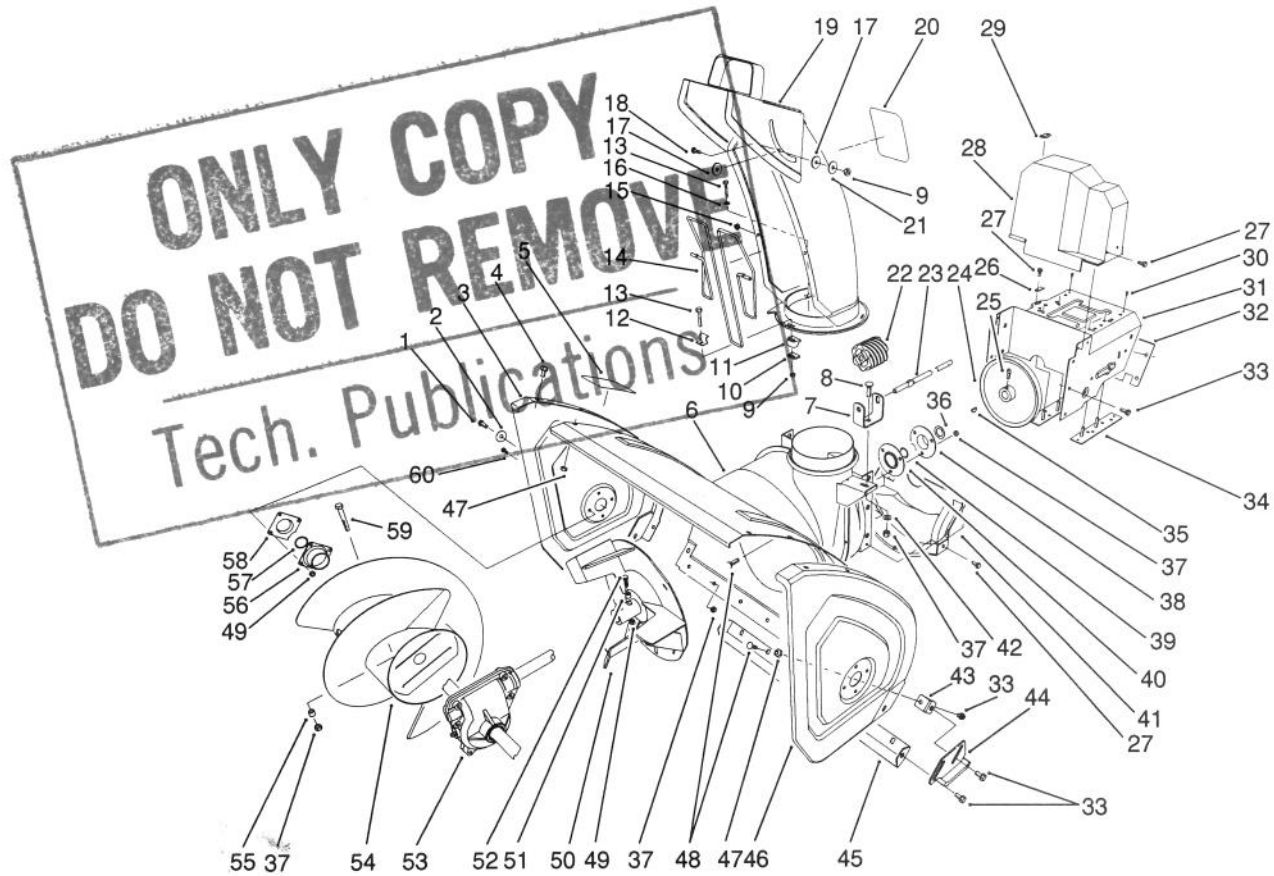


TORO®

MODEL NO. 38580-1000001 & UP
MODEL NO. 38566-1000001 & UP

**PARTS
CATALOG**

1132 SNOWTHROWER

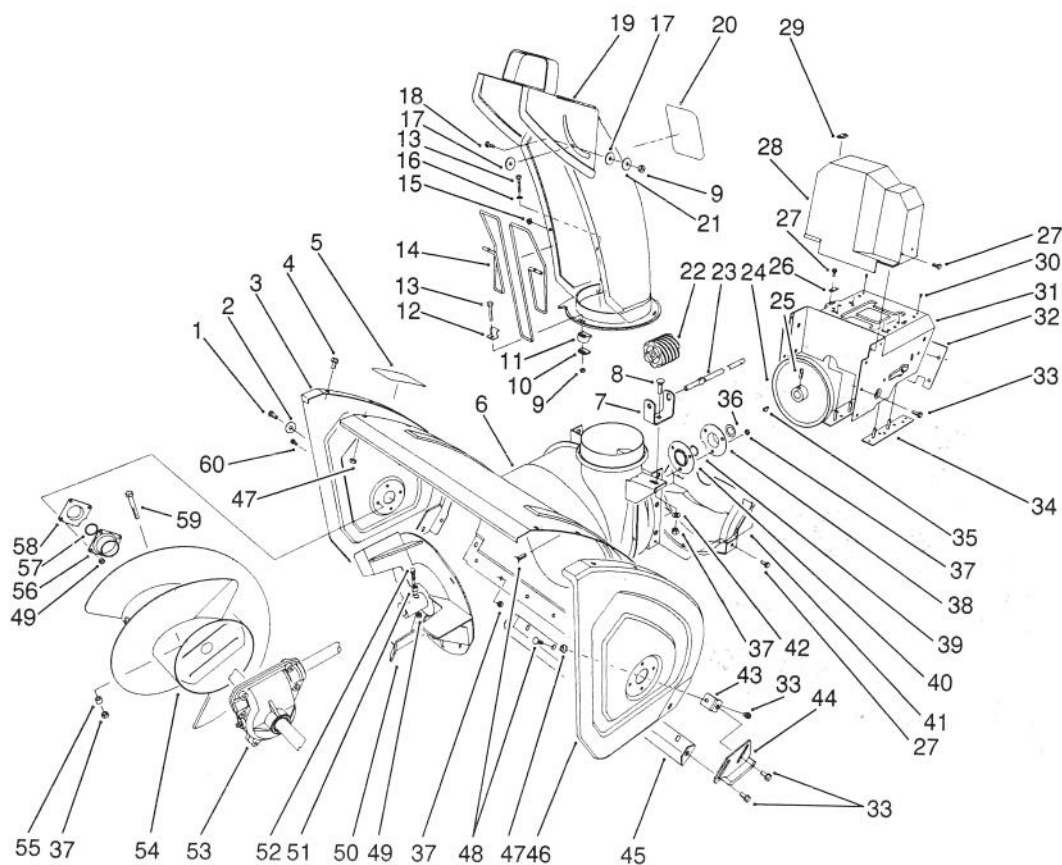


C-0045

HOUSING & CHUTE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-6	Screw - Cap Hex Hd.	2	18	32122-32	Screw	1
2	3-0750	Washer - Retaining	2	19	62-0840	Chute Assembly	1
3	66-7820	Plate - Side R.H.	1	20	63-3740	Decal - Danger Chute (Model No. 38580 Only)	1
4	3234-28	Screw - Hex Flange Hd.	10	*	63-3760	Decal - Danger Chute (Model No. 38566 Only)	1
5	53-7670	Decal - Danger Auger	1	21	3256-61	Washer - Flat	1
6	62-0722	Housing - 32"	1	22	62-0820	Gear - Worm	1
7	63-2180	Bracket - Gear	1	23	62-1720	Rod - Chute Gear	1
8	3230-2	Bolt - Carriage	1	24	62-1300	Pulley - Impeller	1
9	3296-2	Nut - Lock	4	25	3242-4	Screw - Set Sq. Hd.	2
10	63-2670	Plate - Chute Retainer	3	26	63-2300	Retainer - Cable	1
11	62-1430	Retainer - Chute	3	27	32144-4	Screw - Hex Flange Hd.	6
12	63-3130	Bracket - Chute Guard	1	28	63-2080	Cover - Belt (Upper)	1
13	3274-13	Screw - Machine	3	29	63-3290	Cover - Cable	1
14	63-3020	Guard - Chute	1	30	3269-23	Rivet	4
15	3290-326	Nut - Push	2	31	66-6980	Frame - Engine	1
16	3256-14	Washer - Flat	1				
17	63-2900	Washer - Plastic	2				

*Not Illustrated

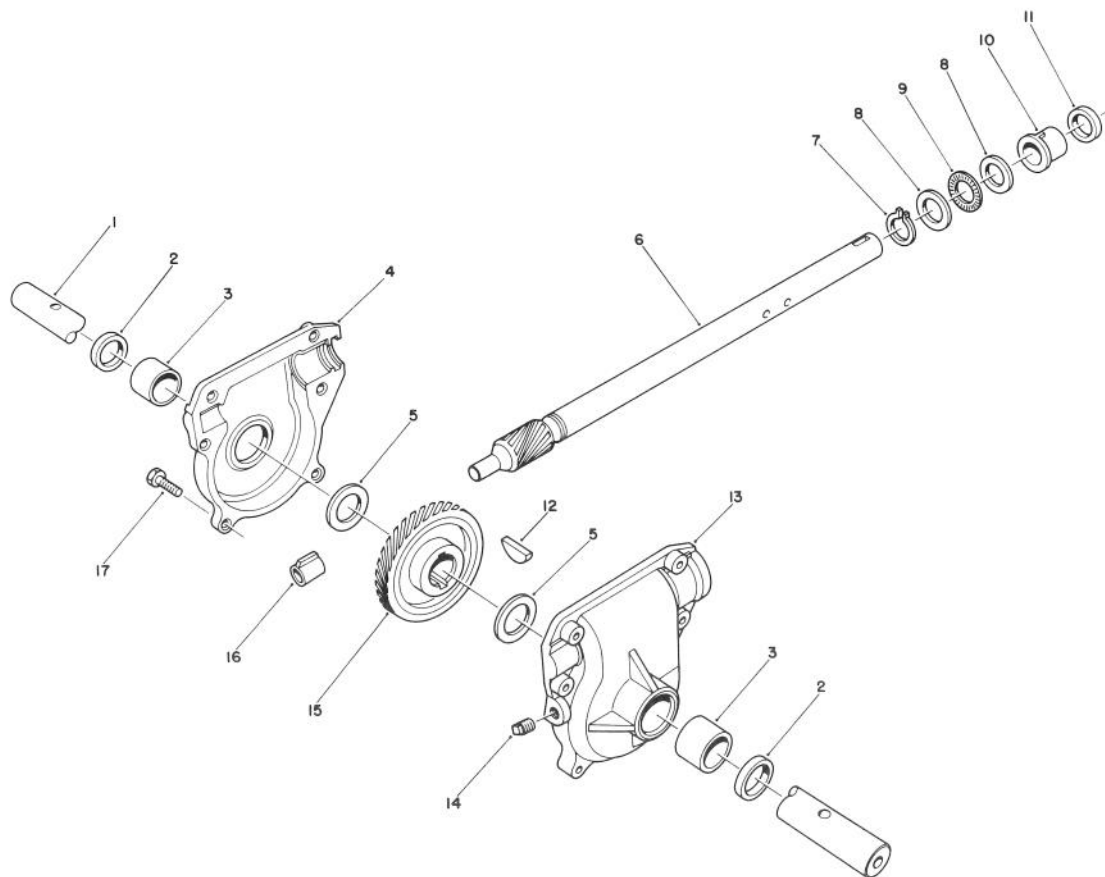


C-0045

HOUSING & CHUTE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
32	62-1440	Cover - Engine Frame	1	51	66-8010	Spacer	2
33	3234-7	Screw - Hex. Washer Hd.	12	52	321-44	Screw - Cap Hex. Hd.	2
34	68-4151	Plate - Ass'y L.H.	1	53	66-8022	Auger Gearbox Assembly	1
*	68-4141	Plate - Ass'y R.H.	1	54	63-2752	Auger - R.H. (Model No. 38580 Only)	1
35	3257-23	Key - Woodruff	1	*	63-2762	Auger - L.H. (Model No. 38580 Only)	1
36	252-80	Washer - Thrust	1	*	68-7452	Auger - R.H. (Model No. 38566 Only)	1
37	3296-29	Nut - Lock	12	*	68-7462	Auger - L.H. (Model No. 38566 Only)	1
38		Flange - Bearing (Rear)	1	55	25-5090	Spacer - Auger Hub	2
39	63-3450	Bearing - Impeller	1	56	20-0990	Flange - Bearing (Inner)	2
40		Flange - Bearing (Front)	1	57	20-0980	Bearing - Auger	2
41	62-1400	Cover - Belt (Lower)	1	58	20-1000	Flange - Bearing (Outer)	2
42	3256-23	Washer - Flat	1	59	17-7030	Bolt - Auger	2
43	62-1240	Bracket - Skid	2	60	321-3	Screw - Cap Hex Hd.	8
44	74-1100	Skid Ass'y	2	*	12-8789	Impeller Bearing Assembly (Incl. Ref. #38-40)	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				

*Not Illustrated



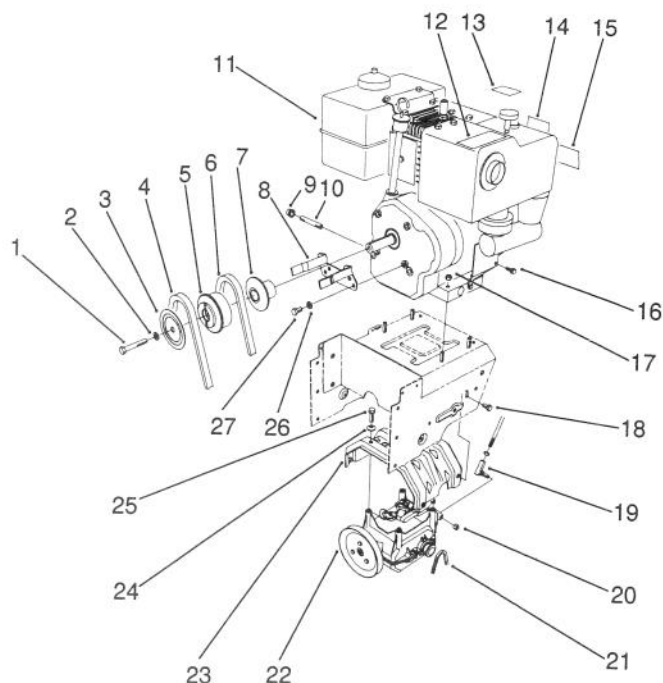
C-0046

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
*	505-119	Sealant - 100g Tube	1

*Not Illustrated



C-0051

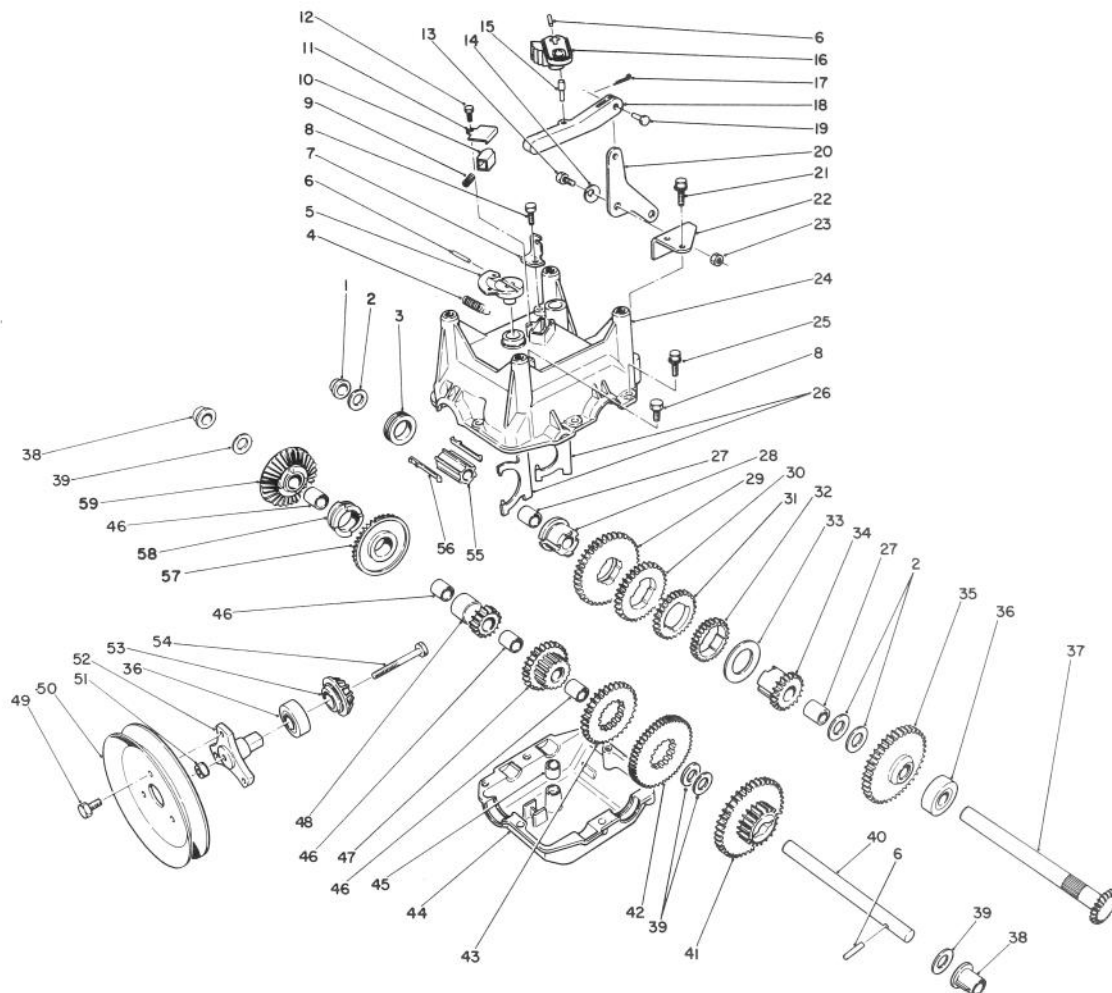
ENGINE ASSEMBLY

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	1
†*		Engine - Briggs & Stratton Model No. 252416 Type No. 0757-01	1
12	66-6840	Decal - Hot Surface (Model No. 38566 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.

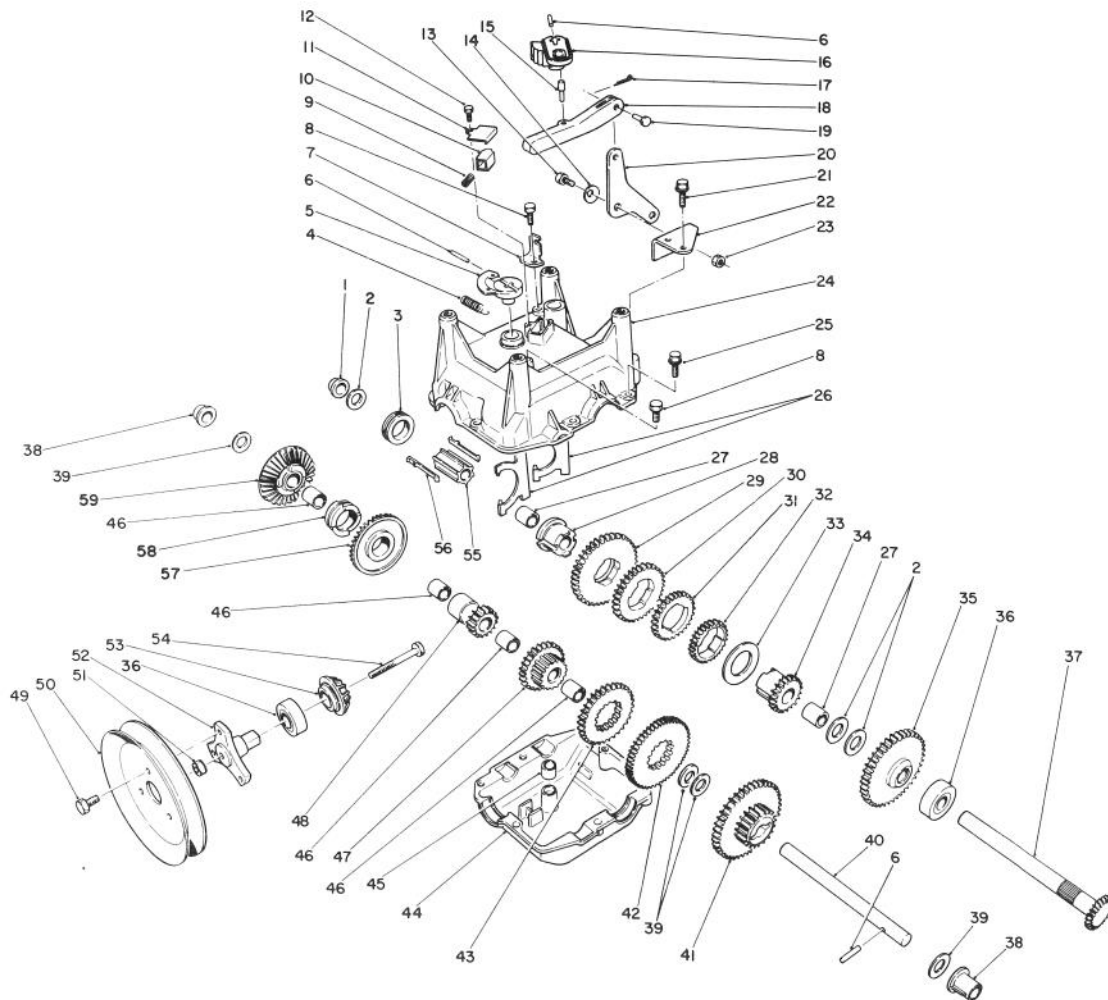
*Not Illustrated



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



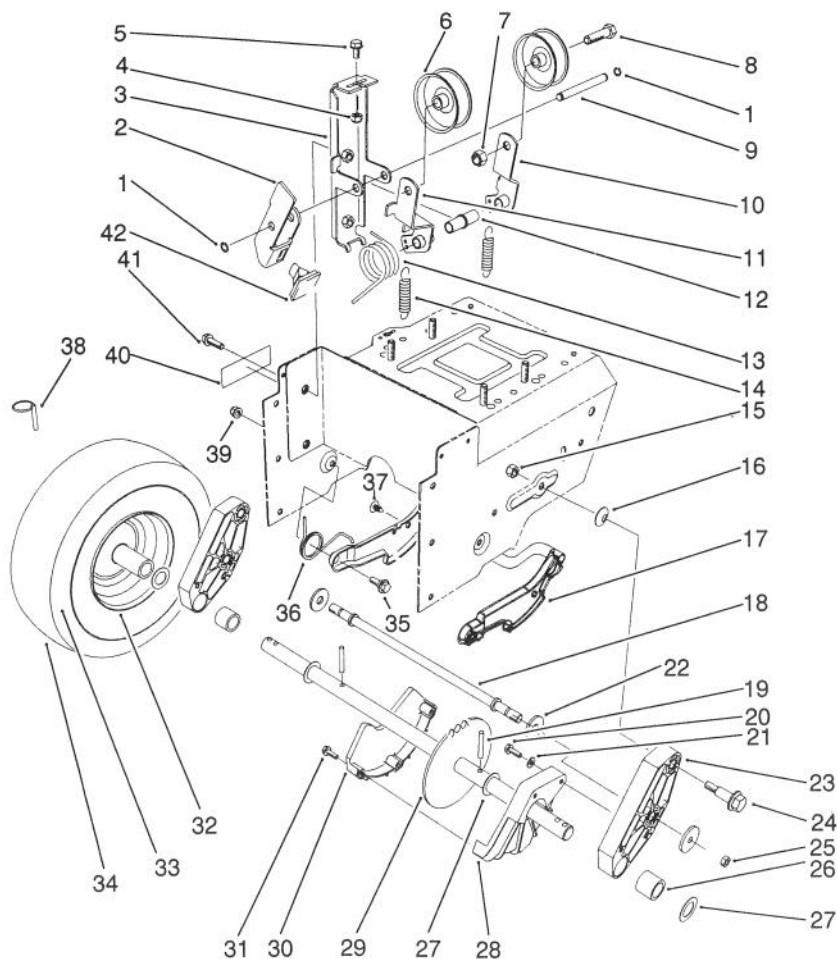
C-0052

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

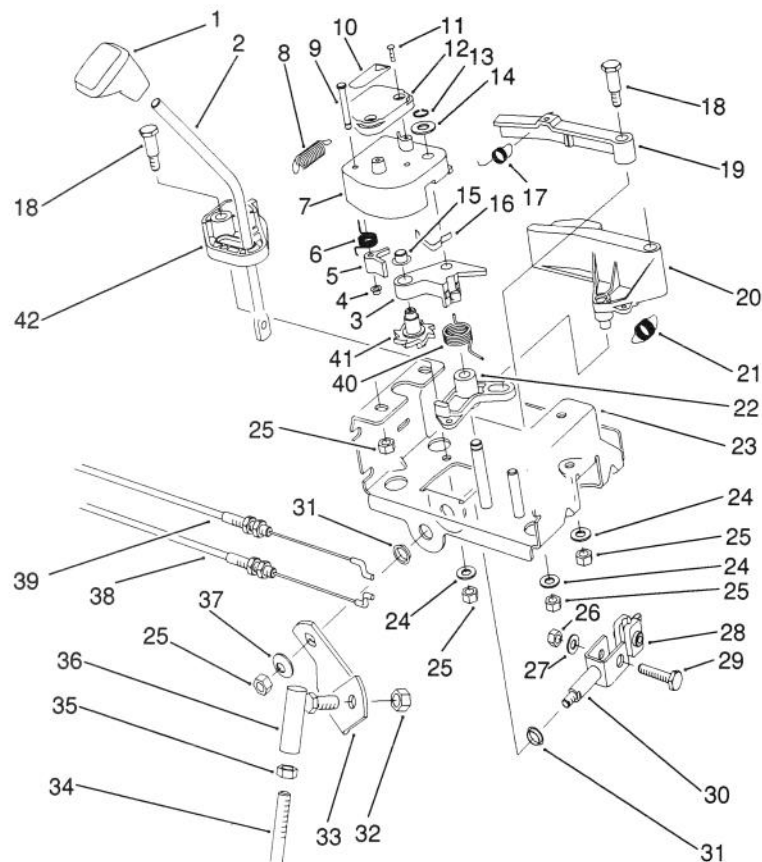


C-0053

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	32104-121	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				

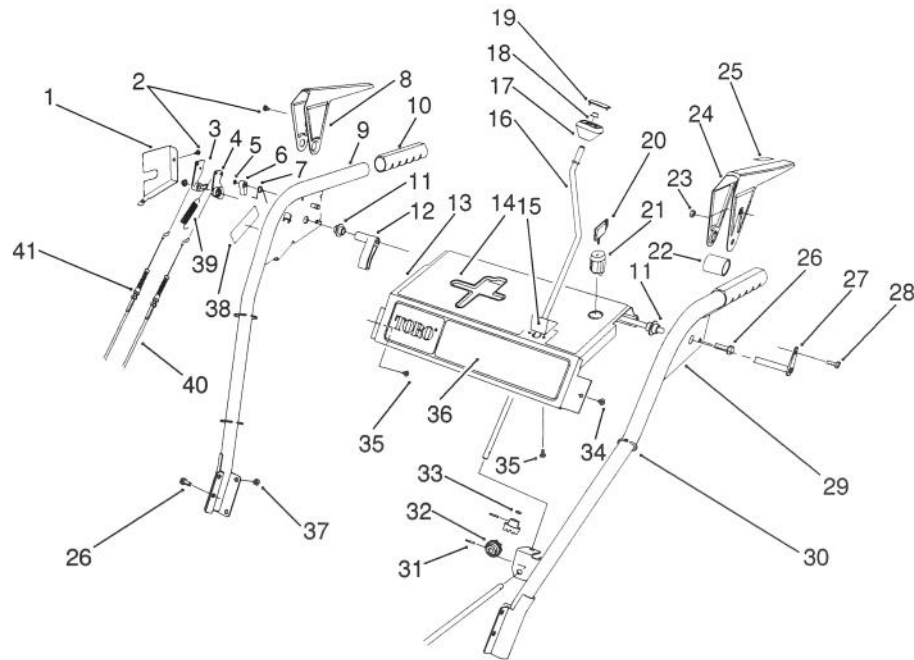
*Not Illustrated



C-0054

TRACTION LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	62-1290	Knob - Shift	1	22	62-1120	Lever - Reverse	1
2	67-9240	Rod - Shift (Upper)	1	23	63-2150	Frame - Control	1
3	62-1110	Lever - Index Wheel	1	24	3256-23	Washer - Flat	3
4	3290-422	Nut - Push	1	25	3296-29	Nut - Lock	7
5	62-0180	Tang - Index	1	26	3296-42	Nut - Lock	1
6	62-1650	Spring - Torsion	1	27	3256-1	Washer - Flat	1
7	62-1100	Lever - Latch	1	28	67-9250	Retainer - Shift Rod	1
8	63-2220	Extension Spring - Latch Lever	1	29	321-43	Screw - Cap Hex. Hd.	1
9	63-2610	Pin - Tang	1	30	66-7730	Clevis	1
10	63-2480	Decal - #2	1	31	256-296	Bushing - Nyliner	2
11	32104-118	Screw - Pan Hd.	2	32	3296-39	Nut - Lock	1
12	62-1140	Cover - Latch	1	33	63-2630	Bracket - Shift	1
13	32120-46	Ring - Retaining	1	34	63-2830	Rod - Shift (Lower)	1
14	257-9	Washer - Thrust	1	35	3220-3	Nut - Jam	2
15	3290-320	Nut - Push	1	36	63-2640	Joint - Ball	1
16	62-1710	Spring - Flat	1	37	3290-456	Washer - Belleville	1
17	63-2240	Extension Spring - Lockout	1	38	63-2210	Cable - Gearbox	1
18	63-2650	Screw - Shoulder	2	39	63-2200	Cable - Latch	1
19	62-1700	Lever - Lockout	1	40	63-2270	Spring - Torsion	1
20	62-1130	Lever - Reverse	1	41	62-0170	Wheel - Index	1
21	63-2230	Extension Spring - Reverse Lever	1	42	62-1470	Base - Lockout	1

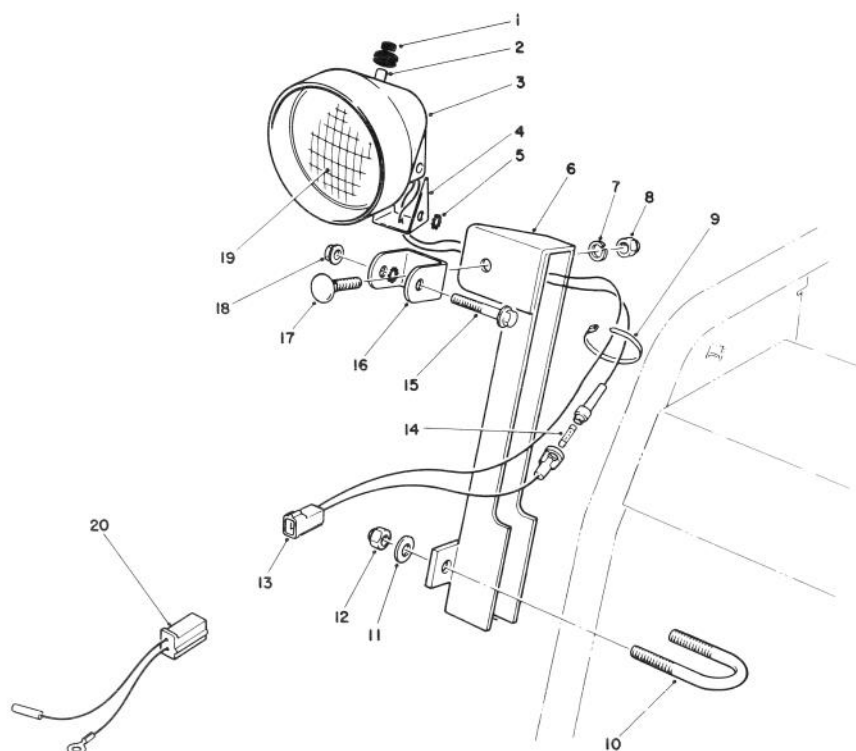


C-0055

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	Grip - Handle	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
1	218-473	Boot - Switch	1
2	218-553	Switch Assembly	1
3	218-552	Bucket - Headlamp	1
4	218-554	Bracket	1
5	3255-8	Washer - Lock	2
6	68-7110	Mount - Lamp	1
7	3253-21	Washer - Lock	1
8	3217-7	Nut - Hex.	1
9	3290-378	Tie Wrap	2
10	68-7140	Bolt - U	1
11	3256-23	Washer - Flat	2
12	3296-29	Nut - Lock	2
13	218-555	Wire Assembly	1

Ref. No.	Part No.	Description	No. Used
†14		Fuse - 7-1/2 Amp.	1
15	322-13	Screw - Hex. Flange Hd.	1
16	218-556	Bracket - U	1
17	3231-2	Bolt - Carriage	1
18	32128-35	Nut - Flange Lock	1
19	218-15	Bulb - Sealed Beam	1
20	54-9810	Wire Assembly	1
*	54-9870	Headlamp Assembly (Incl. Ref. #1-5, 7-8 & 13-19)	1
*	66-7940	Light Assembly (Incl. Ref. #1-20) (Option for Model 38580)	1

*Not Illustrated

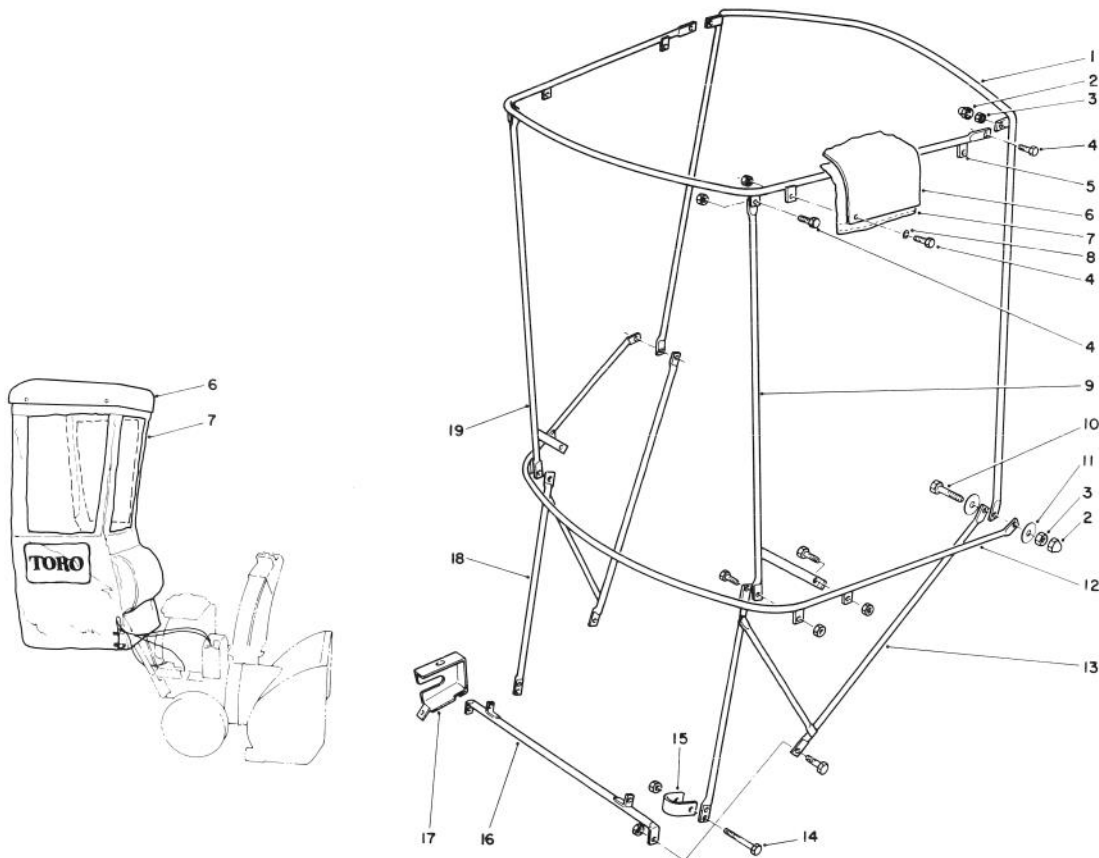
†Obtain Locally



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

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

11



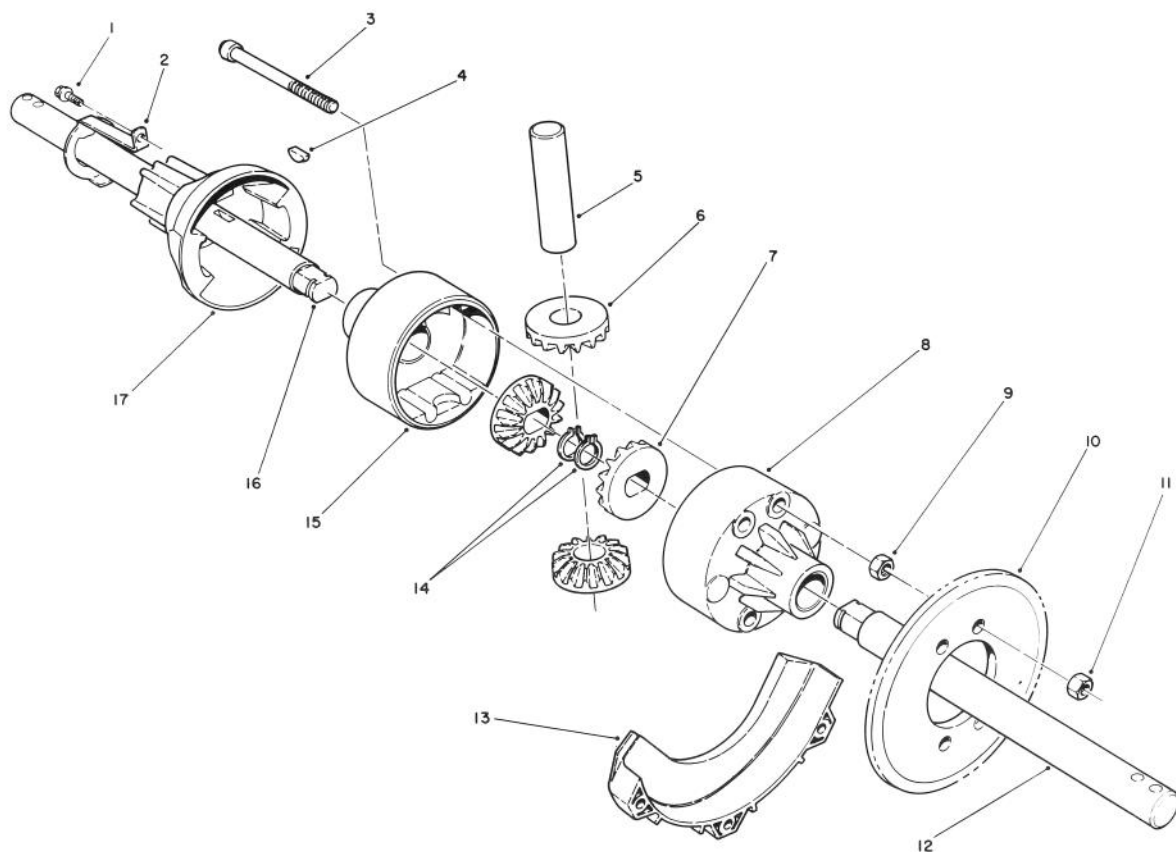
C-0138

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
*	74-1190	Weight Kit (Optional)	1

†Not sold separate

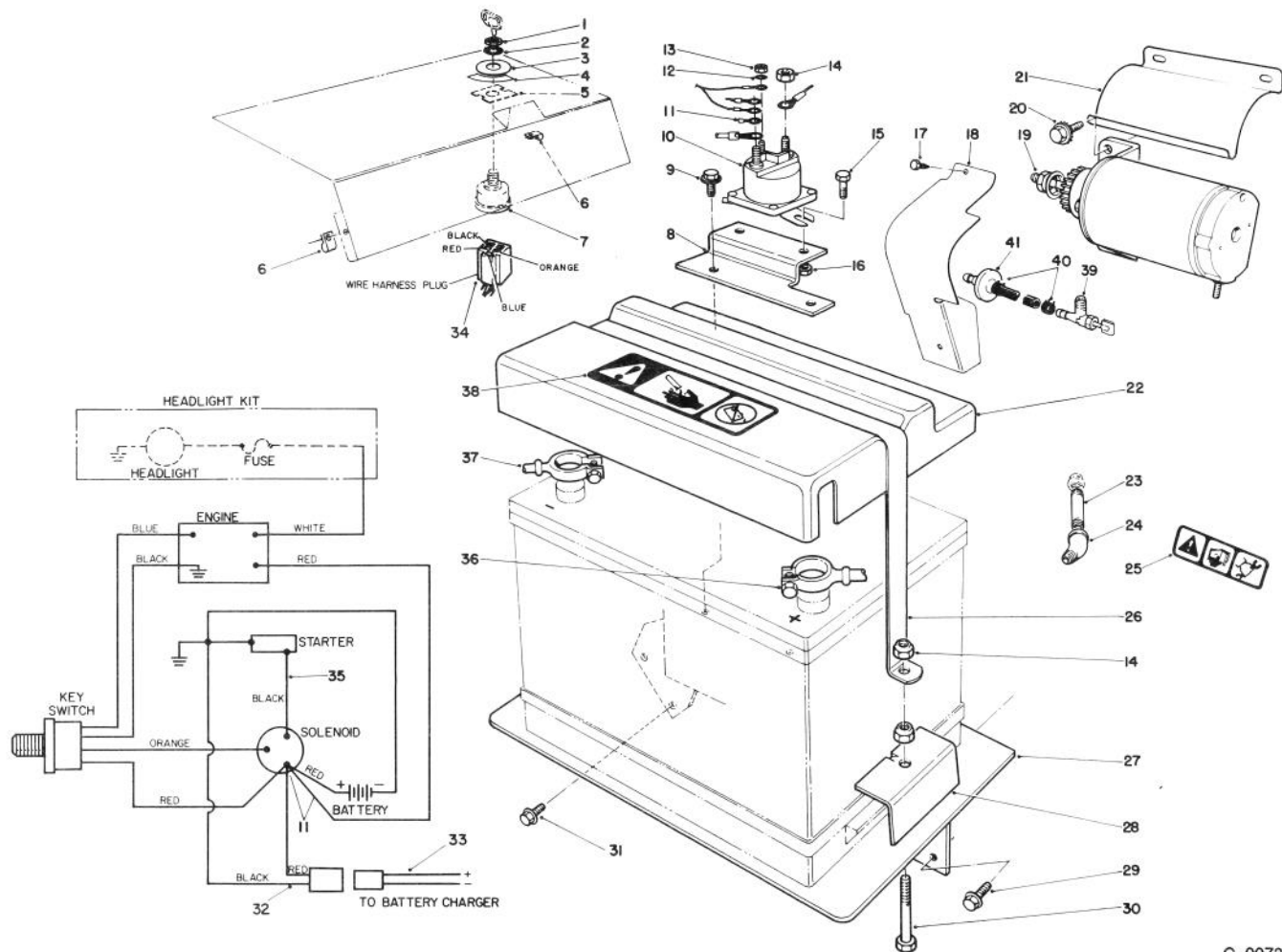


C-0137

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	4
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



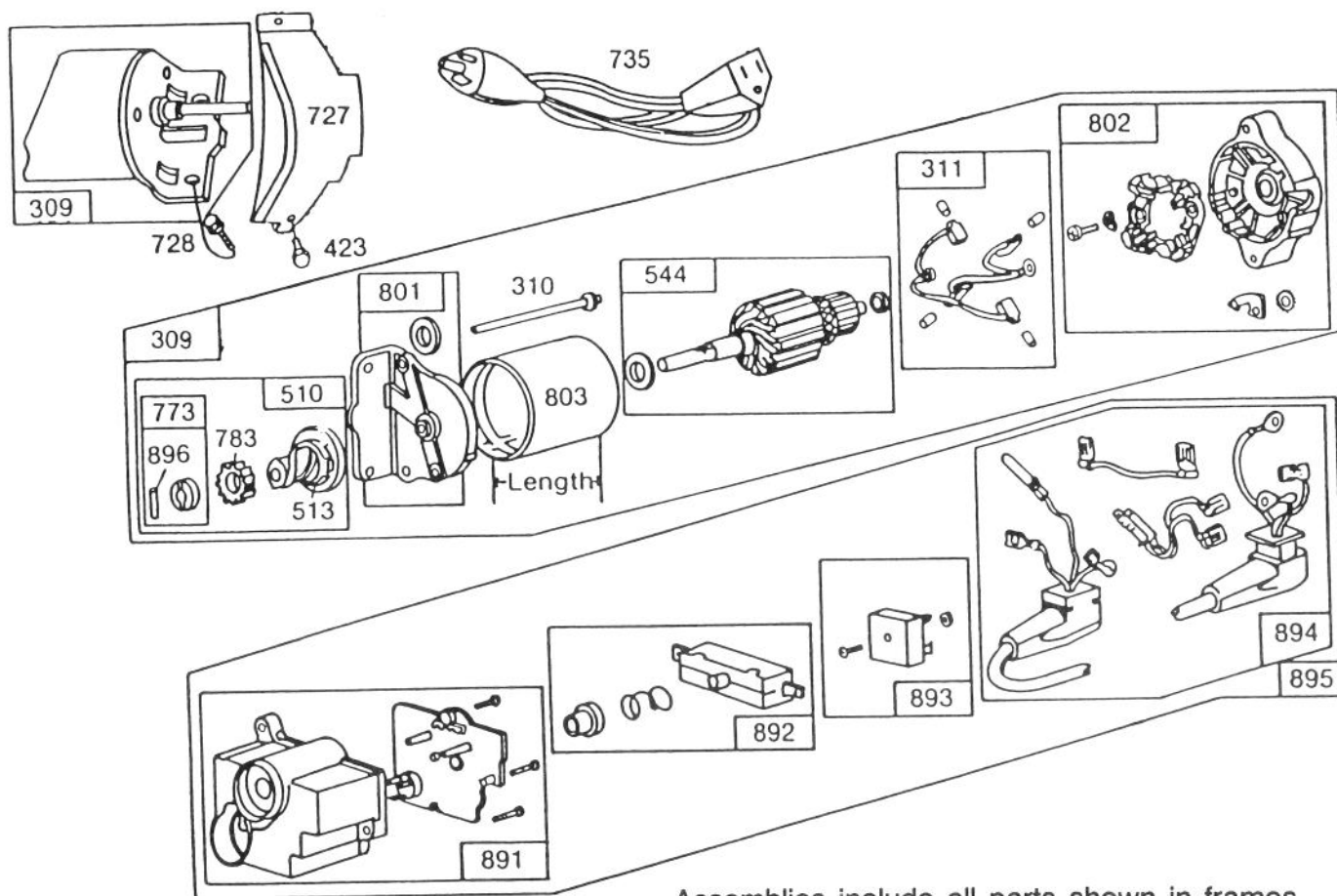
C-0073

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

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	218-461	Nut - Hex.	1	23	289-36	Nipple - Pipe	1
2	3254-5	Washer - Lock	1	24	2811-3	Fitting - 45° Elbow	1
3	66-7690	Washer	1	25	63-3470	Decal - Warning	1
4	66-7660	Decal - Key Switch	1	26	22-8850	Strap - Battery Cover	1
5	66-7680	Adapter - Key Switch	1	27	66-7600	Plate - Battery Mounting	1
6	2412-101	Clip - Wire	2	28	22-8870	Hold-Down - Battery	2
7	23-0660	Switch - Starter (Incl. Ref. #1-2)	1	29	3234-17	Screw - Hex. Flange Hd.	2
8	66-7630	Plate - Solenoid Mounting	1	30	322-11	Screw - Cap Hex. Hd.	2
9	32144-10	Screw - Thread Forming	2	31	3234-5	Screw - Hex. Flange Hd.	2
10	6-1600	Solenoid	1	32	29-7830	Wire Assembly	1
11	218-575	Terminal	1	33	29-7820	Wire Assembly	1
12	3254-1	Washer - Lock	1	34	66-7650	Harness - Wire	1
13	3219-14	Nut - Hex.	1	35	22-9310	Wire Assembly	1
14	3296-29	Nut - Lock	6	36	22-9320	Cable - Battery Pos.	1
15	321-2	Screw - Cap Hex. Hd.	2	37	29-9330	Cable - Battery Neg.	1
16	3296-42	Nut - Lock	2	38	66-7640	Decal - Battery Cover	1
†17	93984	Screw - Self Tapping	2	†39	399949	Valve - Fuel Tank	1
†18	280265	Shield - Pinion	1	40	2210-307	Clamp - Fuel Line	2
†19	490420	Starter Motor Assembly	1	†41	298090	Filter - Fuel	1
†20	93535	Screw - Cap Hex. Hd.	2	*	3290-378	Tie Wrap	5
21	222592	Shield - Drip	1	*	26-3870	Battery Charger (110V)	1
22	22-8900	Cover - Battery	1	*	26-7140	Battery Charger (220V)	1

*Not Illustrated

†Obtain from your local Briggs & Stratton dealer.



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

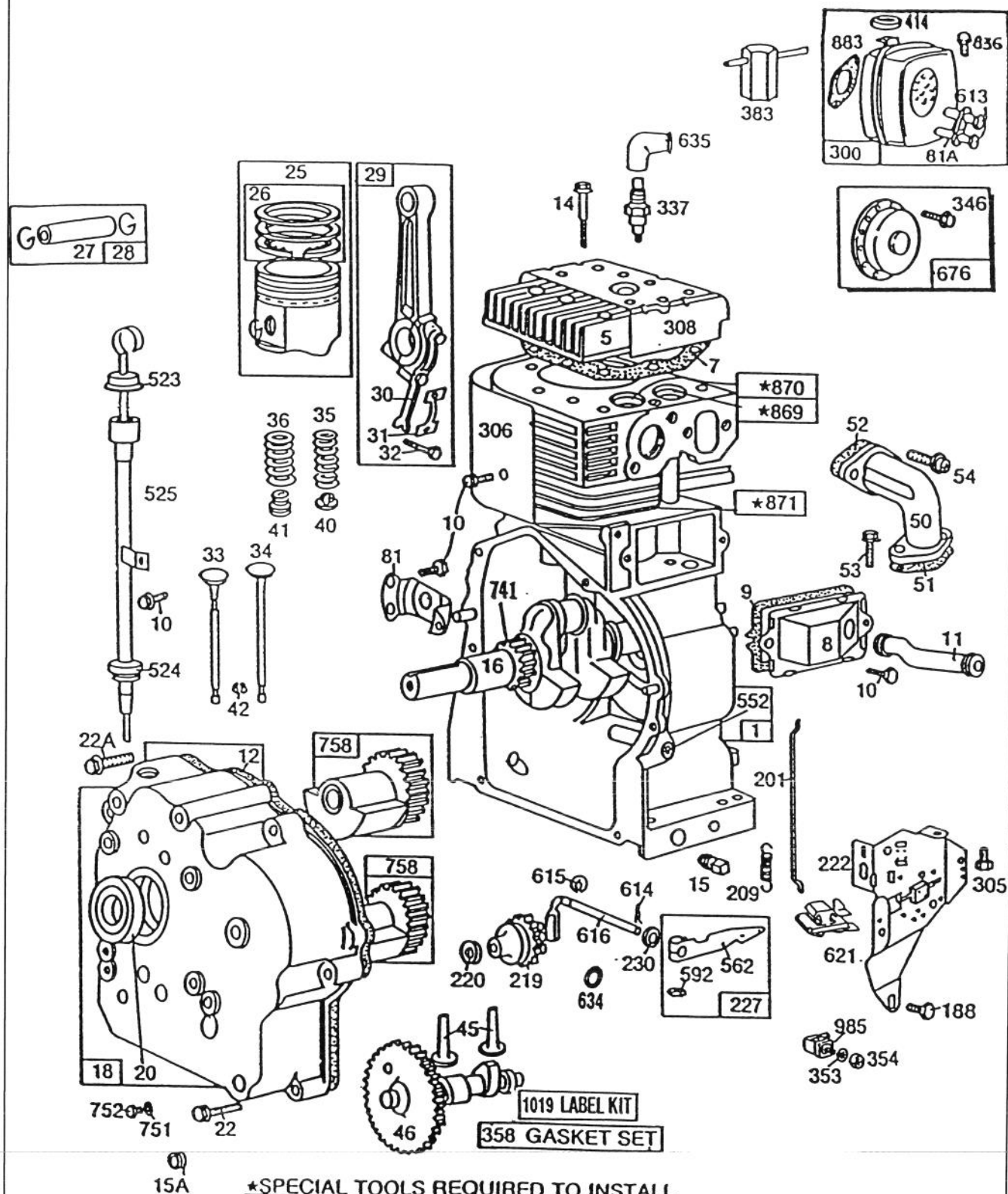
Ref. No.	Part No.	Description	No. Used
309	396505	Motor & Drive Assembly	1
310	93934	Thru Bolt Assembly	2
311	393612	Brush Assembly	1
423	93984	Screw	1
510	391461	Drive Assembly (Incl. Ref. #513, 773, 783 & 896)	1
513	391135	Clutch Assembly	1
544	393607	Armature Assembly	1
727	395405	Cover - Starter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

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

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



***SPECIAL TOOLS REQUIRED TO INSTALL.
SEE REPAIR INSTRUCTION MANUAL.**

Assemblies include all parts shown in frames.

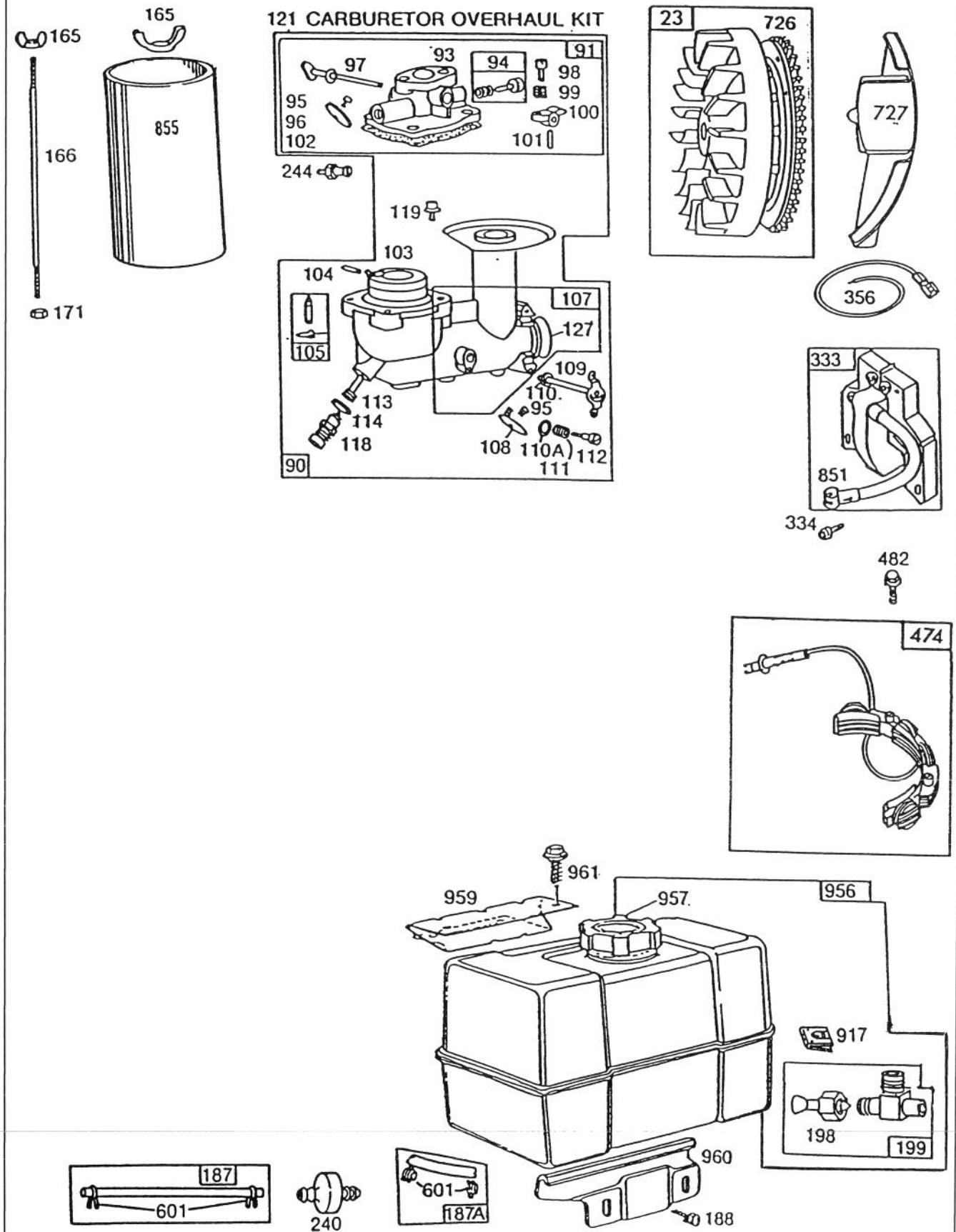
ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01 (MODEL NO. 38580 & 38566)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	396209	Cylinder Assembly	1	35	65906	Spring — Intake Valve	1
5	212917	Head — Cylinder	1	36	26828	Spring — Exhaust Valve	1
7	*271075	Gasket — Cylinder Head	1	40	221596	Retainer — Intake Valve	1
8	391575	Breather Assembly	1	41	292260	Rotocoil — Exhaust Valve	1
9	*27803	Gasket — Valve Cover	1	42	93630	Retainer — Exhaust Valve	1
10	93394	Screw — Sem	1			Rotocoil	2
11	280112	Tube — Breather	1	45	262248	Tappet — Valve	1
12	*272125	Gasket — Crankcase Cover, 1/64" thick	1	46	212897	Gear — Cam	1
	*272219	Gasket — Crankcase Cover, .005" thick (Model No. 38580 only)	1	50	490051	Elbow — Intake	1
	*272220	Gasket — Crankcase Cover, .009" thick (Model No. 38580 only)	1	51	*270267	Gasket — Carb. Mtg.	1
	*270857	Gasket — Crankcase Cover, .005" thick (Model No. 38566 only)	1	52	*270872	Gasket — Intake Elbow Mtg.	1
	*270858	Gasket — Crankcase Cover, .009" thick (Model No. 38566 only)	1	53	93415	Screw — Carburetor Mounting Sem	1
14	93723	Screw — Cylinder Head (3" long) Note: 93211 Screw — Cylinder Head (2-21/32" long) (Model No. 38560 only) Note: 94565 Screw — Cylinder Head (2-21/32" long) (Model No. 38566 only)	1 6 6	54	93208	Screw — Intake Elbow Mounting Sem	1
15	91084	Plug — Oil Drain	1	81	222407	Retainer — Counterweight	1
15A	93418	Plug — Hex Socket To Replace Crankshaft Gear Key, Order Part No. 94196.	1	81A	223016	Lock — Screw	1
16	399723	Crankshaft	1	188	93535	Screw — Sem	1
18	391747	Cover Assy. — Crankcase	1	201	261236	Link — Governor	1
20	291675	Seal — Oil	1	209	260695	Spring — Governor	1
22	93585	Screw — Crankcase Cover Mtg. Sem Note: 93730 Stud — Crankcase Cover Mtg. 90366 Washer — Lock 91397 Nut — Hex 5/16"	5	219	391737	Gear — Governor	1
22A	93764	Screw — Crankcase Cover Mtg. (2-1/8" long)	1	220	221551	Washer — Thrust	1
25	391285	Piston Assy. — Standard	1	222	399152	Plate — Governor Control	1
	391287	Piston Assy. — .010" O.S.	1	227	396775	Lever Assy. — Governor	1
	391288	Piston Assy. — .020" O.S.	1	230	222450	Washer — Governor Crank	1
	391289	Piston Assy. — .030" O.S. Note: For Chrome Ring Set — Standard Size — Order No. 392331.	1	300	491626	Muffler — Exhaust	1
26	391780	Ring Set — Piston, Standard	1	305	93158	Screw — Sem	1
	391781	Ring Set — Piston, .010" O.S.	1	306	222744	Shield — Cylinder	1
	391782	Ring Set — Piston, .020" O.S.	1	308	222306	Cover — Cylinder Head	1
	391783	Ring Set — Piston, .030" O.S.	1	337	293918	Plug — Spark (Resistor Type — 1-1/2" high, 37 M.M.) (Model No. 38580 only)	1
27	260924	Lock — Piston Pin	1		802592	Plug — Spark (Resistor Type — 1-7/8" high, 47 M.M.) (Model No. 38566 only)	1
28	299691	Pin Assy. — Piston, Standard	1	346	93705	Screw — Sem	1
	391286	Pin Assy. — Piston, .005" O.S.	1	353	92791	Washer — Lock	1
29	490348	Rod Assy. — Connecting Note: For Connecting Rod with .020" Undersize Crankpin Bore — Order No. 490469.	1	354	90576	Nut — Hex	1
30	222329	Dipper — Connecting Rod	1	358	391834	Gasket Set	1
31	222299	Lock — Connecting Rod Screw	1	383	89838	Wrench — Spark Plug	1
32	92909	Screw — Connecting Rod	1	414	231109	Spacer — Muffler	1
33	261185	Valve — Exhaust	1	523	490665	Cap and Dipstick — Oil Filler	1
34	261462	Valve — Intake	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 (Direct Out)	1
				741	262135	Gear — Timing	1
				751	22355	Washer — Flat	1
				752	93554	Screw — Plug	1
				758	391481	Counterweight and Bearing Assy.	1
				836	92747	Screw — Sem	1
				869	261463	Seat — Intake Valve (Std.)	1
				870	210940	Seat — Exhaust Valve (Std.)	1
				871	231218	Guide — Exhaust or Intake Valve, See Repair Manual	1
				883	270917	Gasket — Exhaust	1
				985	398525	Insulator Assembly	1
				1019	491195	Decal Kit	1

* Included in Gasket Set — Part No. 391834.

† Included in Carburetor Overhaul Kit — See Ref. 121.

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 (MODEL NO. 38580 ONLY)



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 (MODEL NO. 38580 ONLY)

Ref. No.	Part No.	Description	No. Used
23	391988	Flywheel and Ring Gear Assy. — Magneto	1
90	399252	Carburetor Assembly	1
91	391833	Body Assy. — Upper Carburetor	1
93	23108	Bushing — Throttle Shaft	1
94	†292681	Valve Assy. — Carburetor Idle	1
95	93499	Screw — Throttle and Choke Valve Mounting Sem	1
96	221939	Valve — Throttle	1
97	391596	Shaft and Lever — Throttle	1
98	91920	Screw — Machine, Fil. 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 Note: 394682 Valve — Fuel Inlet (Includes Seat)	1
107	391829	Body Assy. — Lower Carburetor	1
108	223781	Valve — Choke	1
109	391884	Shaft and 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 — Sem	1
121	394989	Carburetor Overhaul Kit	1
127	†221747	Plug — Welch	1
165	93453	Nut — Wing	1

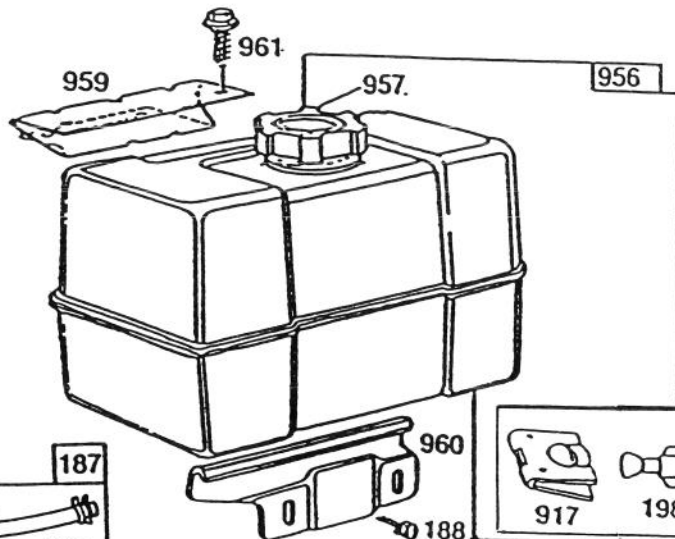
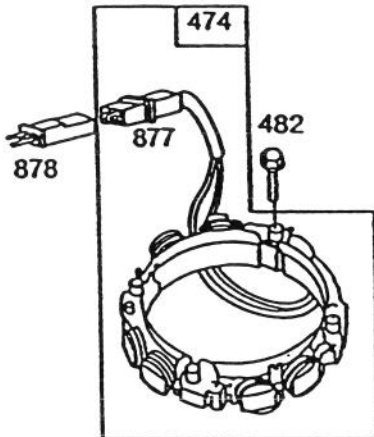
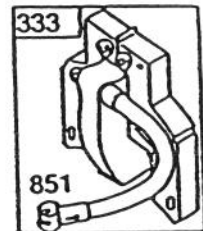
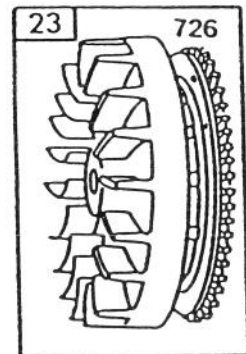
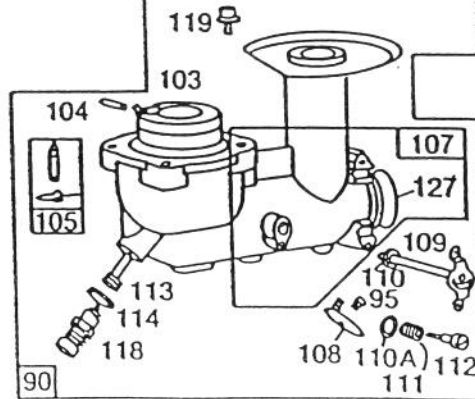
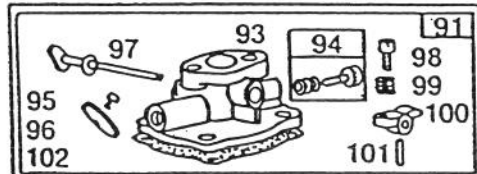
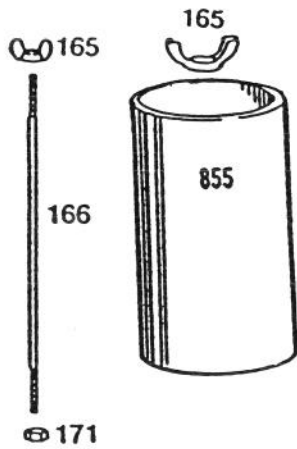
Ref. No.	Part No.	Description	No. Used
166	231007	Stud — Air Cleaner	1
171	92129	Nut — Hex	1
187	296004	Hose — Fuel (23")	1
187A	393815	Hose — Fuel (11")	1
188	93535	Screw — Sem	1
198	293934	Valve — Fuel Shut-Off	1
199	399949	Outlet — Fuel Tank	1
240	298090	Fuel — Filter	1
244	230318	Connector — Fuel Pipe	1
333	398811	Armature — Magneto	1
334	93381	Screw — Armature Mtg. Sem	1
356	398874	Wire — Ground	1
474	391595	Stator — Alternator (AC Only)	1
482	93621	Screw — Sem	1
601	93053	Clamp — Fuel Hose (Green) Note: 93807 Clamp — Fuel Hose (Red)	1
726	392134	Gear — Flywheel Ring (Includes Mounting Parts)	1
727	223597	Guard — Ring Gear	1
	221968	Guard — Upper Ring Gear Use: 93712 Screw 93713 Washer — Lock	1
851	221798	Terminal — Ignition Cable	1
855	231145	Stack — Carburetor Uses: 222726 Strap	1
917	223271	Valve Handle — Fuel Shut-Off	1
956	493337	Tank Assembly — Fuel	1
957	397975	Cap — Fuel Tank	1
959	223754	Bracket — Fuel Tank (Upper)	1
960	223755	Bracket — Fuel Tank (Lower)	1
961	94095	Screw — Tank Mounting	1

† Included in Carburetor Overhaul Kit — See Ref. 121.

* Included in Gasket Set — Part No. 391834.

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0757-01 (MODEL NO. 38566 ONLY)

121 CARBURETOR OVERHAUL KIT



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0757-01 (MODEL NO. 38566 ONLY)

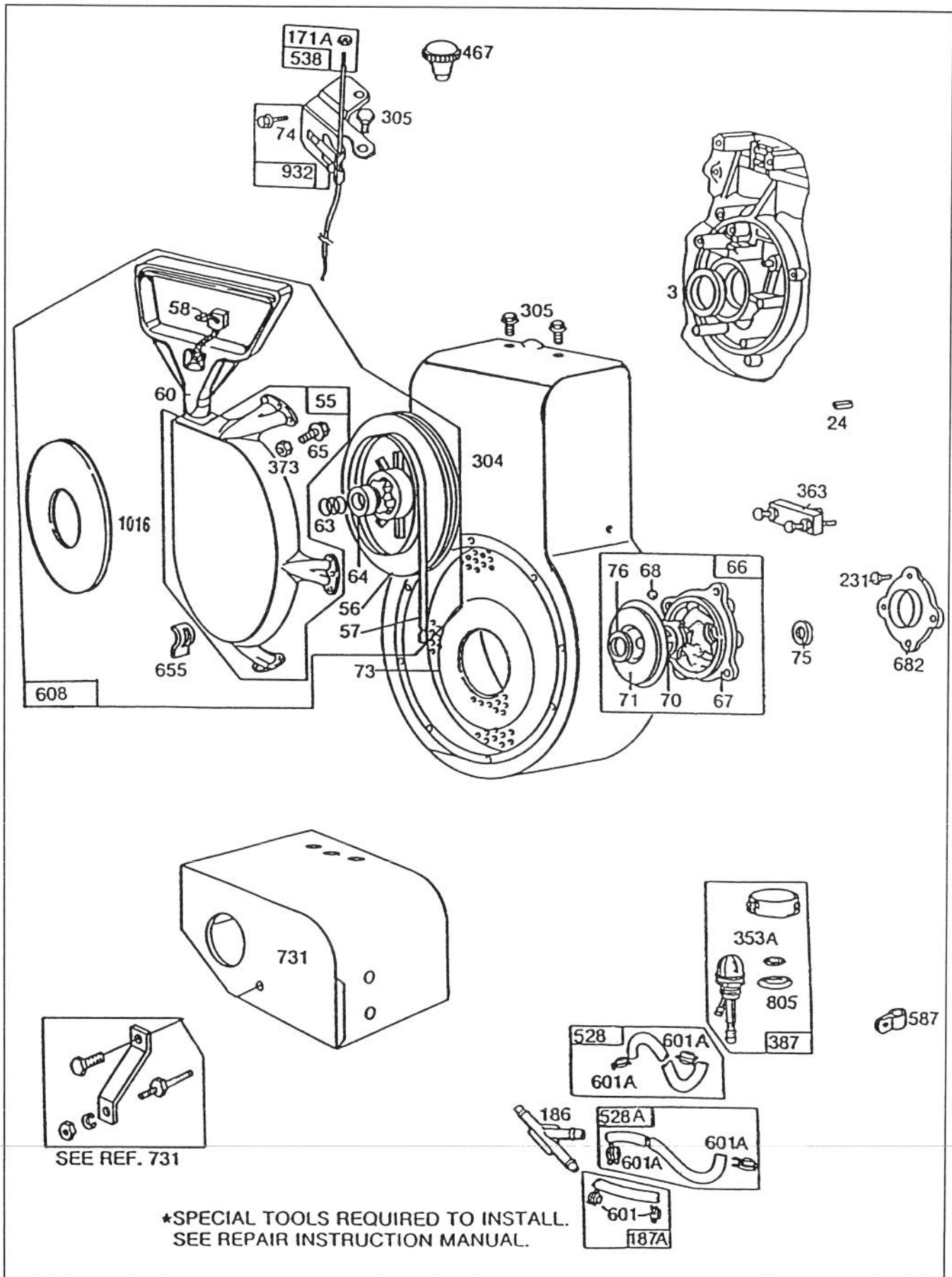
Ref. No.	Part No.	Description	No. Used
23	391988	Flywheel and Ring Gear Assy. — Magneto	1
90	399252	Carburetor Assembly	1
91	391833	Body Assy. — Upper Carburetor	1
93	23108	Bushing — Throttle Shaft	1
94	†292681	Valve Assy. — Carburetor Idle	1
95	93499	Screw — Throttle and Choke Valve Mounting Sem	1
96	221939	Valve — Throttle	1
97	391596	Shaft and Lever — Throttle	1
98	91920	Screw — Machine, Fil. 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 Note: 394682 Valve — Fuel Inlet (Includes Seat)	1
107	391829	Body Assy. — Lower Carburetor	1
108	223781	Valve — Choke	1
109	391884	Shaft and 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 — Sem	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	Hose — Fuel	1
188	93535	Screw — Sem	1
198	293934	Valve — Fuel Shut-Off	1
199	399949	Outlet — Fuel Tank	1
240	298090	Fuel — Filter	1
244	230318	Connector — Fuel Pipe	1
333	398811	Armature — Magneto	1
334	93381	Screw — Armature Mtg. Sem	1
356	398874	Wire — Ground	1
474	393474	Stator — Alternator (Dual Circuit)	1
482	93621	Screw — Sem	1
601	93053	Clamp — Fuel Hose (Green) Note: 93807 Clamp — Fuel Hose (Red)	1
726	392134	Gear — Flywheel Ring (Includes Mounting Parts)	1
727	223597	Guard — Ring Gear	1
	221968	Guard — Upper Ring Gear Use: 93712 Screw 93713 Washer — Lock	1
851	221798	Terminal — Ignition Cable	1
855	231145	Stack — Carburetor Uses: 222726 Strap	1
877	393456	Diode and Connector Assy. (Dual Circuit)	1
878	393362	Alternator Harness Assy. (Dual Circuit)	1
917	223271	Valve Handle	1
956	490579	Tank Assembly — Fuel	1
957	397975	Cap — Fuel Tank	1
959	223754	Bracket — Fuel Tank (Upper)	1
960	223755	Bracket — Fuel Tank (Lower)	1
961	94095	Screw — Tank Mounting	1

† Included in Carburetor Overhaul Kit — See Ref. 121.

* Included in Gasket Set — Part No. 391834.

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
3	391086	Seal — Oil	1
24	222698	Key — Flywheel (For MAGNETRON Ignition)	1
55	398099	Housing — Rewind Starter	1
56	295871	Pulley — Rewind Starter (Includes 63" Rope)	1
57	490179	Spring — Rewind Starter	1
58	66884	Rope — Rewind Starter (63" long)	1
60	398101	Grip — Starter Rope	1
63	260414	Spring — Ratchet	1
64	230543	Adapter — Ratchet Spring	1
65	93105	Screw — Rewind Starter (Model No. 38580 only)	1
	94128	Screw — Rewind Starter (Model No. 38566 only)	1
66	399671	Clutch Assy. — Rewind Starter	1
67	394897	Housing — Clutch	1
68	63770	Ball — Clutch	1
70	298799	Ratchet — Rewind Starter Clutch	1
71	221653	Washer — Retainer	1
73	221796	Screen — Rotating	1
74	93042	Screw — Sem	1
75	220865	Washer — Spring	1
76	68238	Washer — Ratchet Sealing	1
171A	90356	Nut — Control Rod	1
186	280727	Connector — Primer Hose	1
187A	393815	Hose — Fuel (11")	1
231	94238	Screw — Sem	1
304	392738	Housing — Blower (Model No. 38580 only)	1
	490446	Housing — Blower (Model No. 38566 only)	1

Ref. No.	Part No.	Description	No. Used
305	93158	Screw — Sem	1
353A	94281	Washer — Lock	1
363	19203	Puller — Flywheel (Optional Accessory)	1
373	92987	Nut — Hex	1
387	399255	Primer Group	1
467	391908	Knob — Choke Rod	1
528	399256	Hose — Primer (Includes Filter) (1/4" O.D.)	1
528A	399254	Hose — Primer (1/4" O.D.)	1
538	396085	Rod — Control	1
587	220162	Clamp — Primer Hose	1
601	93053	Clamp — Fuel Hose (Green) Note: 93807 Clamp — Fuel Hose (Red)	1
601A	94171	Clamp — Fuel Hose (For 1/4" O.D. Hose)	1
608	397982	Starter Assembly — Rewind	1
655	222598	Anchor — Spring	1
682	211516	Shield — Starter Clutch	1
731	490173	Hood — Snow Uses: 223825 Strap — Support 93705 Screw (Hood to Strap) 93490 Screw (Hood to Blower Housing) 93640 Screw — Sem (Hood to Cyl. Head) 90832 Lockwasher	1
805	94189	Nut — Primer Retainer	1
932	396084	Guide — Control Rod	1
1016	490817	Spacer	1

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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