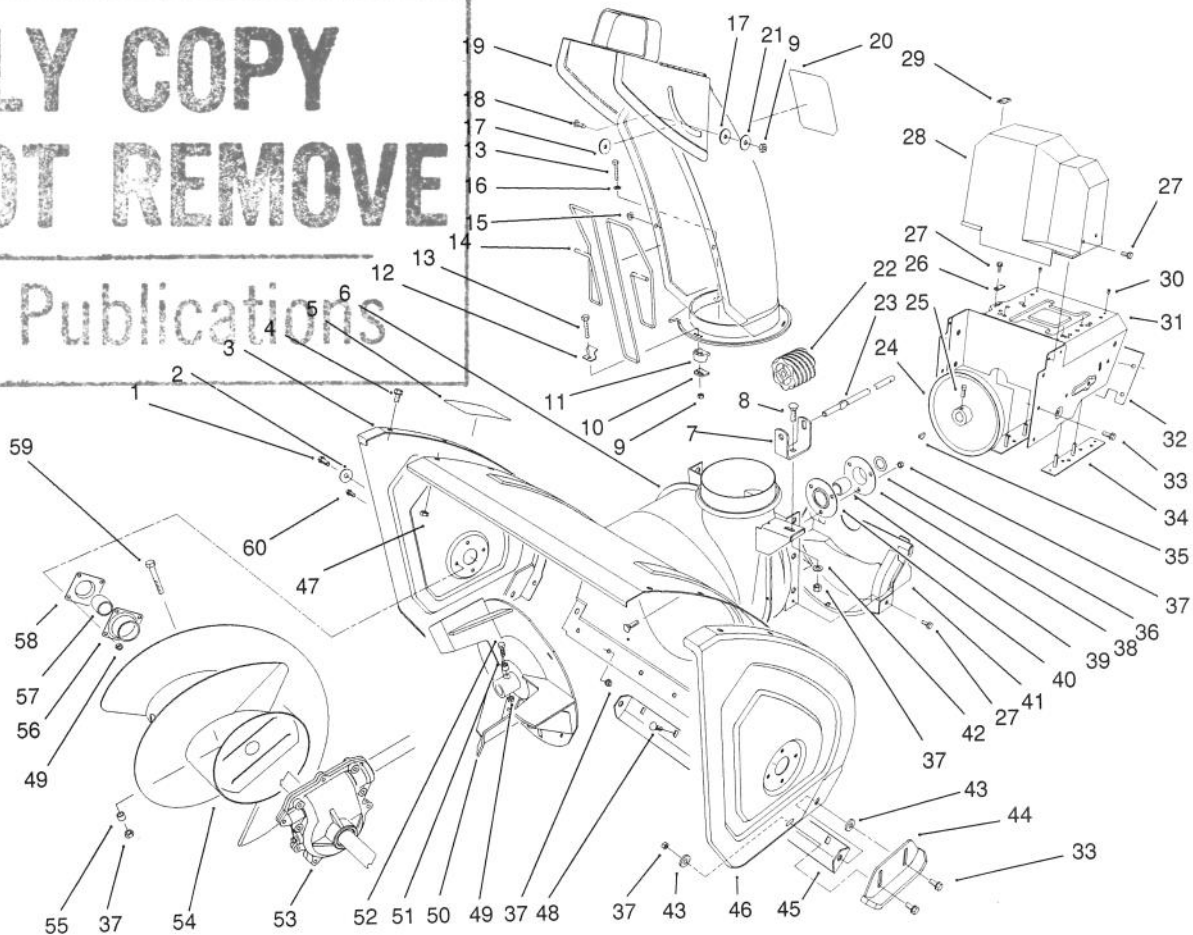
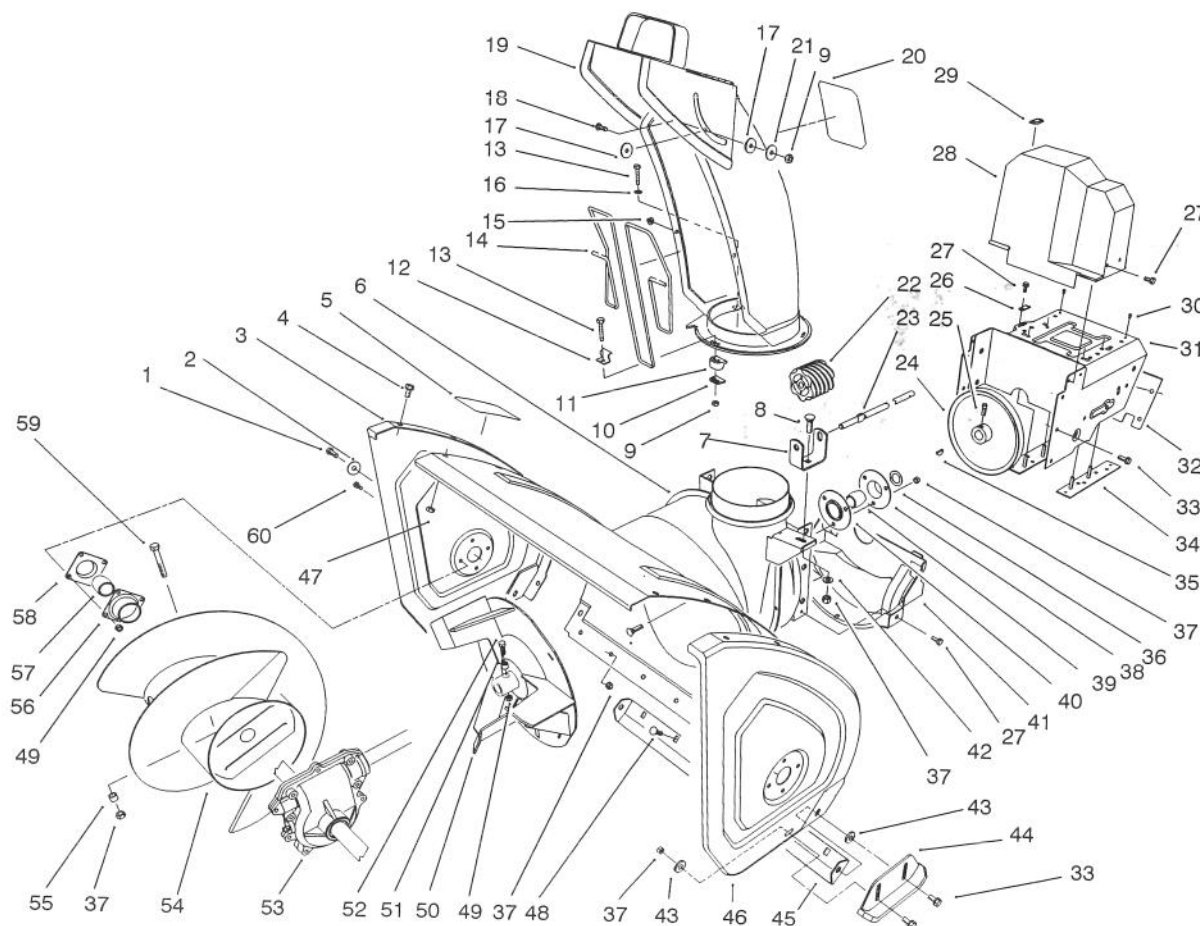


TORO®MODEL NO. 38580-2000001 & UP
MODEL NO. 38566-2000001 & UP**PARTS
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Tech. Publications

C-0045

HOUSING & CHUTE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-6	Screw - Hex Hd.	2	17	63-2900	Washer - Plastic	2
2	3-0750	Washer - Retaining	2	18	32122-32	Screw	1
3	66-7821	Plate - Side R.H.	1	19	62-0840	Chute Assembly	1
4	3234-28	Screw - Hex Flange Hd.	10	20	63-3740	Decal - Danger Chute (Model 38580 Only)	1
5	53-7670	Decal - Danger Auger	1	*	53-7860	Decal - Danger Chute (Model 38566 Only)	1
6	62-0722	Housing - 28"	1	21	3256-61	Washer - Flat	1
7	63-2180	Bracket - Gear	1	22	62-0820	Gear - Worm	1
8	3230-2	Bolt - Carriage	1	23	62-1720	Rod - Chute Gear	1
9	3296-2	Nut - Lock	4	24	62-1300	Pulley - Impeller	1
10	63-2670	Plate - Chute Retainer	3	25	3242-4	Screw - Set Sq. Hd.	2
11	62-1430	Retainer - Chute	3	26	63-2300	Retainer - Cable	1
12	63-3130	Clip - Chute Guard	1	27	32144-4	Screw - Hex Flange Hd.	6
13	3274-13	Screw - Machine	3	28	63-2080	Cover - Belt (Upper)	1
14	63-3020	Guard - Chute	1	29	63-3290	Cover - Cable	1
15	3290-326	Nut - Push	2				
16	3256-14	Washer - Flat	1				



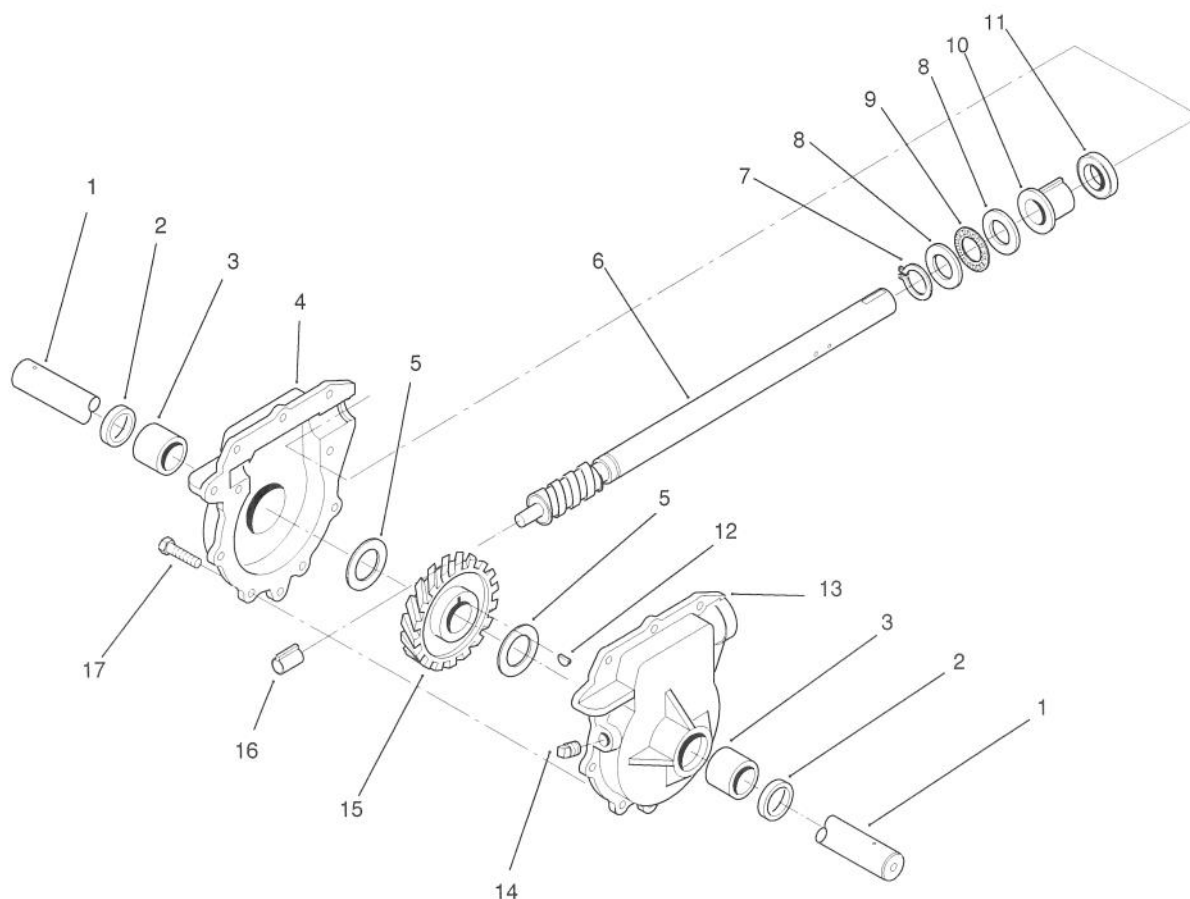
C-0045

HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
30	3269-23	Rivet	4
31	66-6980	Frame - Engine	1
32	62-1440	Cover - Engine Frame	1
33	3234-5	Screw - Hex. Washer Hd.	10
34	68-4150	Plate - L.H.	1
*	68-4140	Plate - R.H.	1
35	3257-23	Key - Woodruff	1
36	252-80	Washer - Thrust	1
37	3296-29	Nut - Lock	12
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	52-2861	Washer	4
44	74-1440	Skid Assembly	2
45	66-7760	Blade - Scraper	1
46	66-7831	Plate - Side L.H.	1
47	3296-47	Nut - Lock	12
48	3230-23	Screw - Carriage	10
49	3296-42	Nut - Lock	10

Ref. No.	Part No.	Description	No. Used
50	66-7920	Impeller	1
51	66-8010	Spacer	2
52	321-44	Screw - Hex. Hd.	2
53	74-1562	Auger Gearbox Assembly	1
54	63-2752	Auger - R.H. (Model 38580 Only)	1
*	63-2762	Auger - L.H. (Model 38580 Only)	1
*	68-7452	Auger - R.H. (Model 38566 Only)	1
*	68-7462	Auger - L.H. (Model 38566 Only)	1
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 - Hex Hd.	8
*	12-8789	Impeller Bearing Assembly (Incl. Ref. #38-40)	1

*Not Illustrated

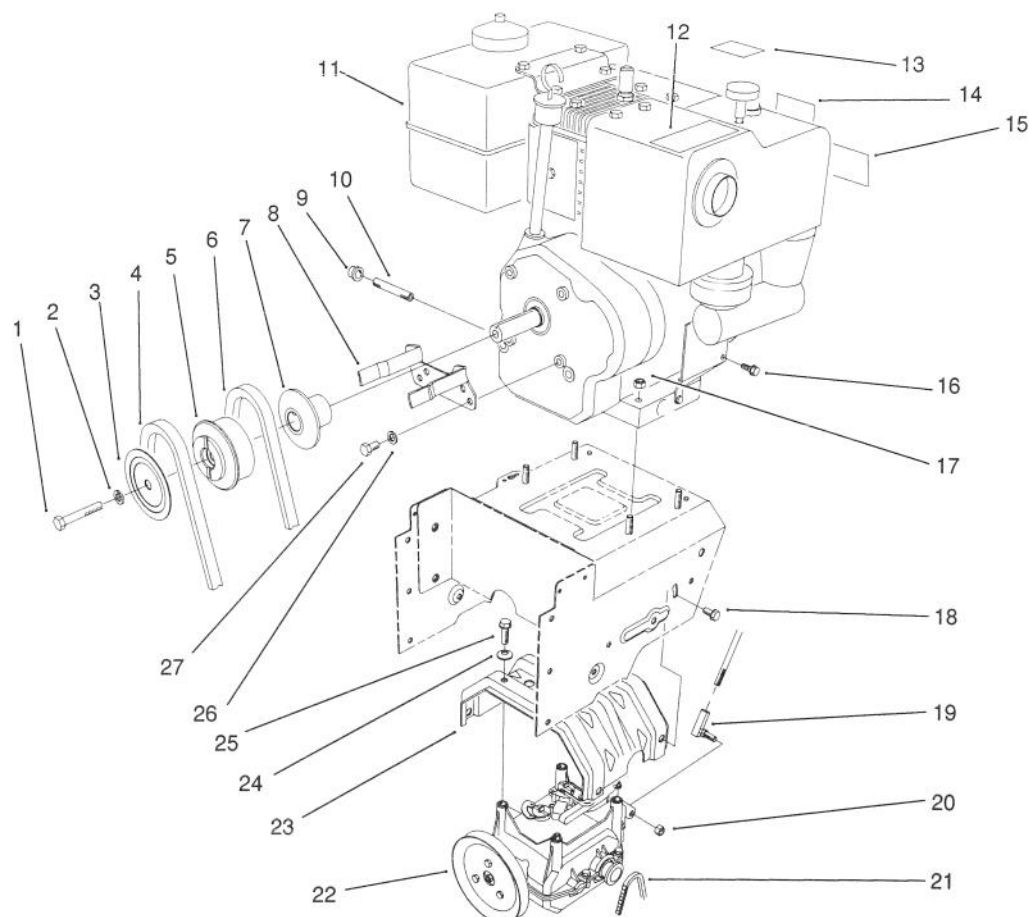


C-1015

32" AUGER GEARCASE ASSEMBLY NO. 74-1562

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	62-1532	Shaft - Auger (28")	1	10	37-6560	Bushing - Input	1
2	7-0045	Seal - Oil	2	11	253-149	Seal - Input	1
3	256-237	Bushing - Sleeve	2	12	3257-10	Key - Woodruff	1
4	74-1580	Gearcase Assembly - R.H. (Incl. Ref. # 2-3)	2	13	71-1570	Gearcase Assembly - L.H. (Incl. Ref. # 2-3)	1
5	252-71	Bearing - Thrust	2	14	281-1	Plug - Pipe Sq. Hd.	1
6	66-7810	Shaft - Impeller	1	15	62-0120	Gear - Helical	1
7	32151-33	Ring - Snap	1	16	62-1150	Bushing - Worm	1
8	252-78	Washer - Thrust	2	17	32144-110	Screw - Hex Washer Hd.	9
9	252-76	Bearing - Thrust	1	*	505-129	Sealant - 100g Tube	1

*Not Illustrated



C-0051

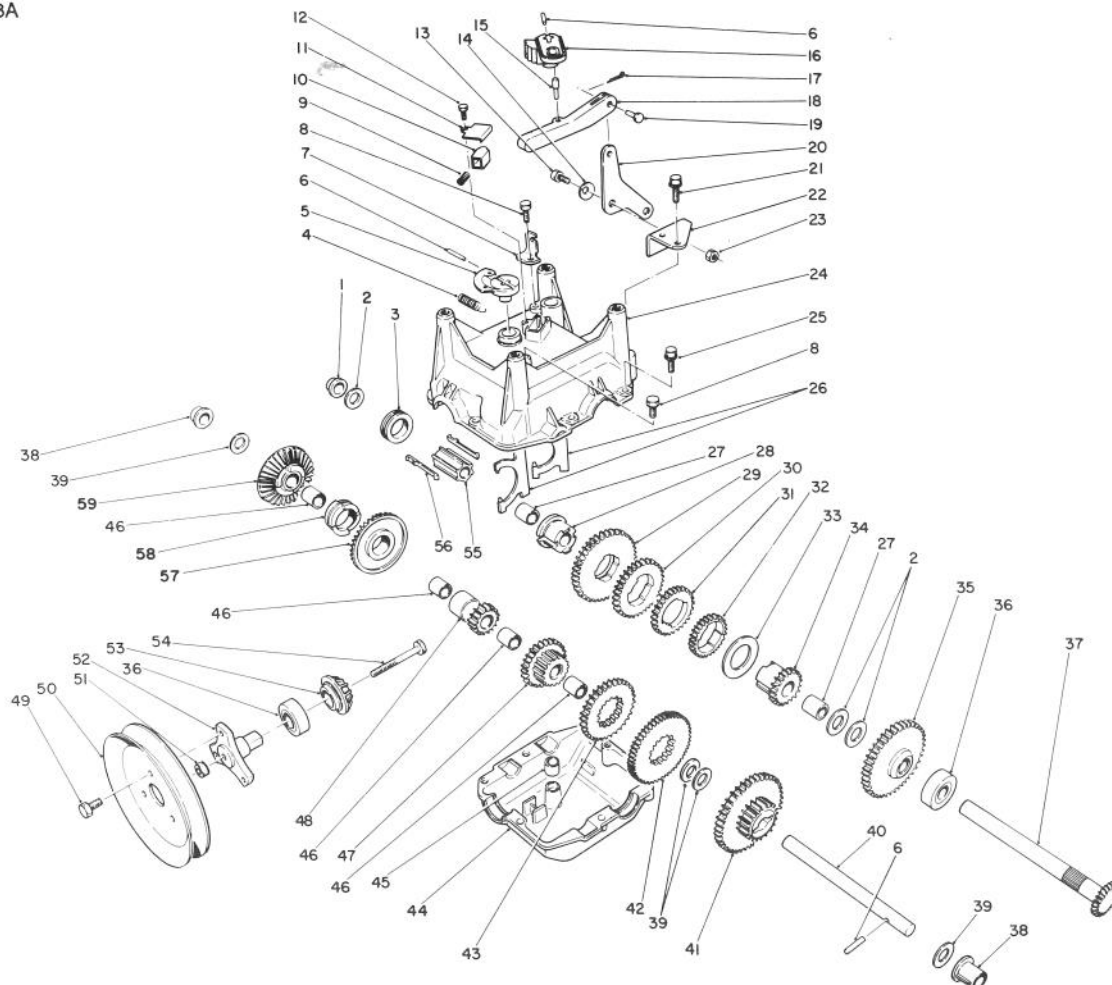
ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3212-8	Screw - 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	Pipe - Oil Drain	1
†11		Engine - Briggs & Stratton (Model No. 252416 Type No. 0756-01) Model No. 38580	1
†*		Engine - Briggs & Stratton (Model No. 252416 Type No. 0757-01) (Model No. 38566)	1
12	66-6840	Decal - Hot Surface (Model No. 38580)	1
*	63-2310	Decal - Hot Surface (Model No. 38566)	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)	1
*	63-2460	Decal - Choke (Model No. 38566)	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 - Hex Hd.	4
26	3253-4	Washer - Lock	2
27	3210-1	Screw - Hex Hd	2
*	12-8949	Loose Parts	1

†Obtain from your local Briggs & Stratton Dealer.

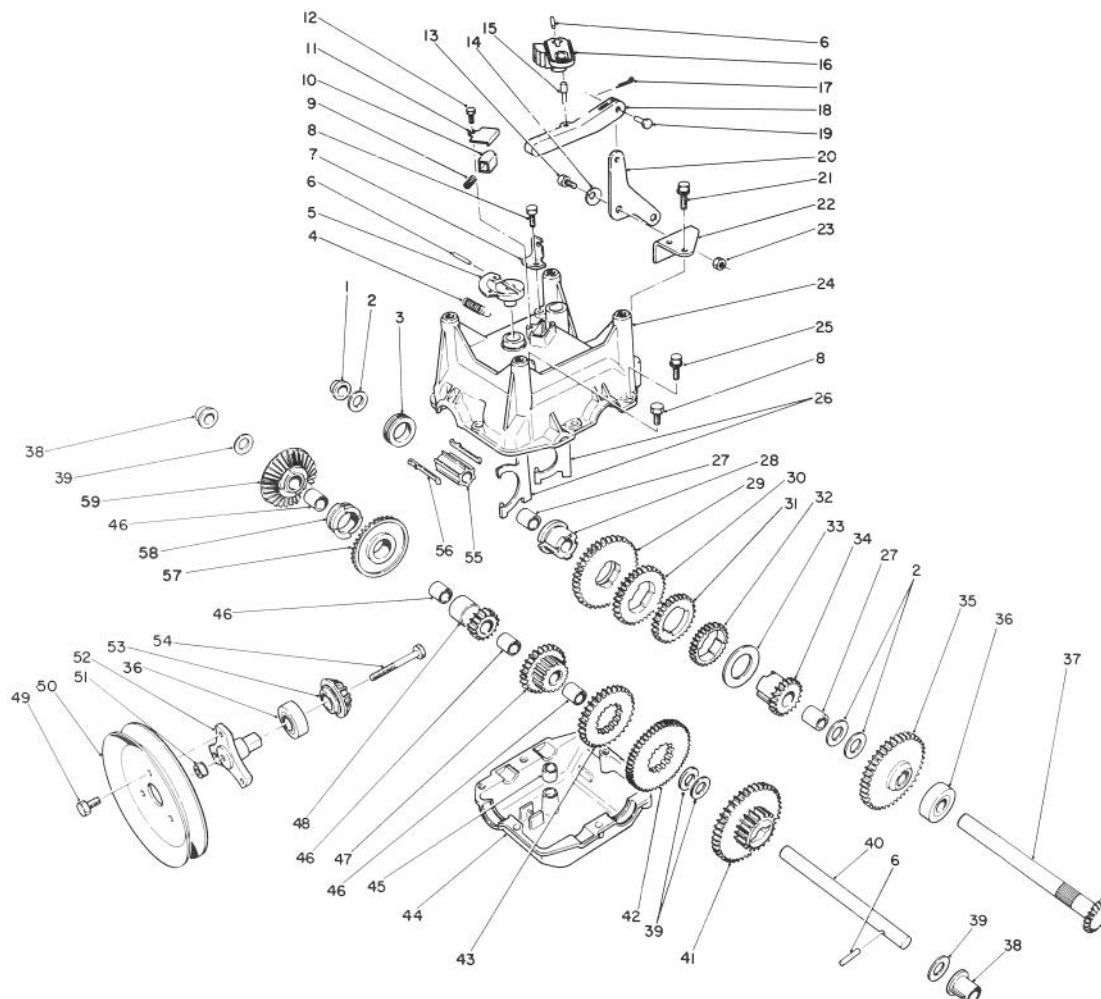
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C-0052

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



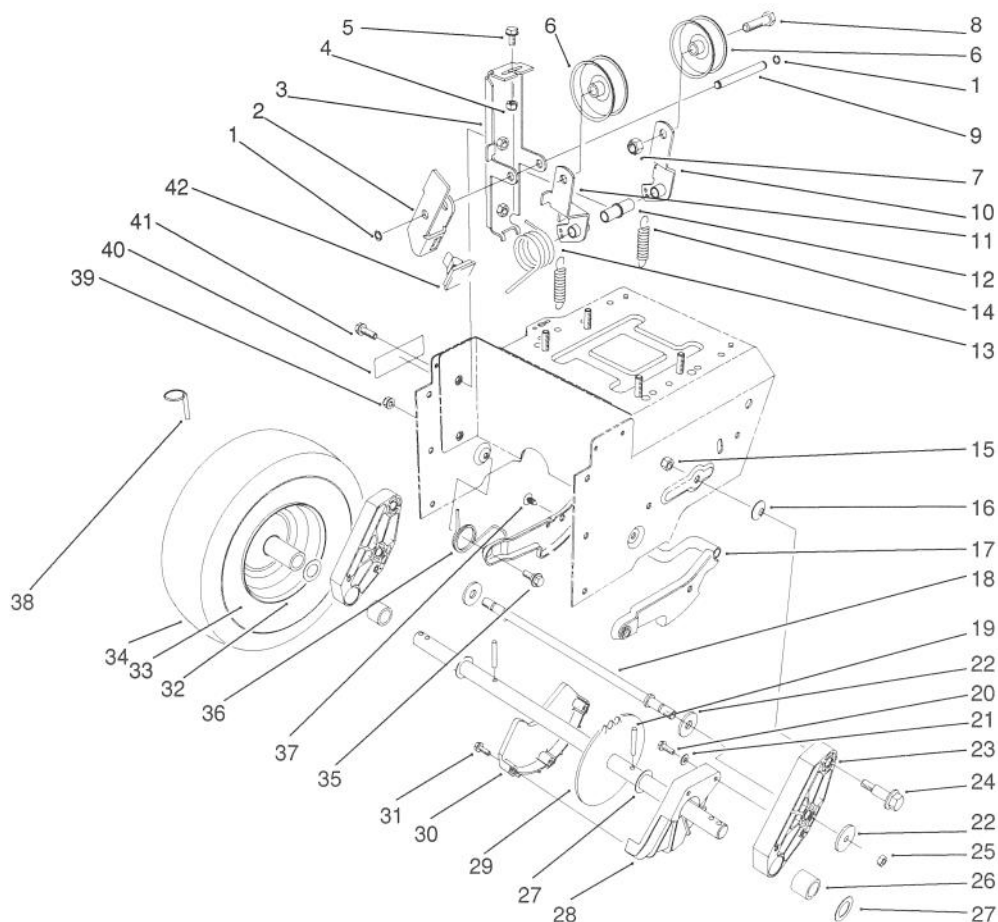
C-0052

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

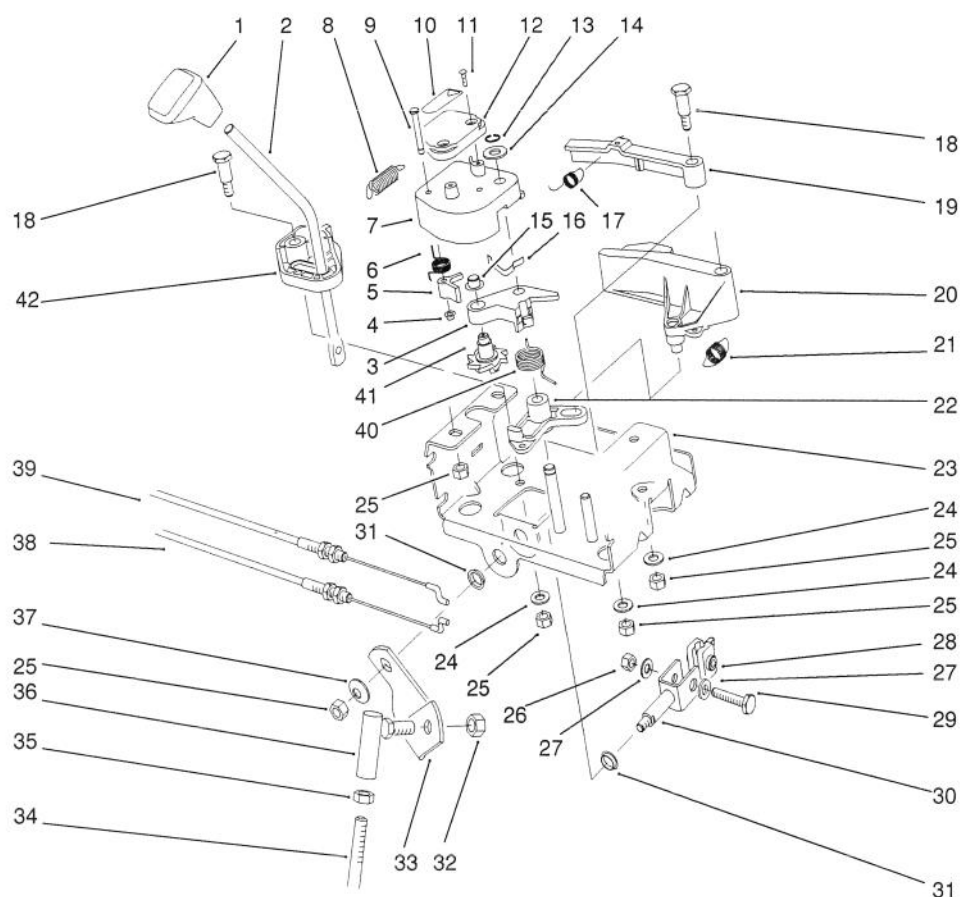


C-0053

TRACTION DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32120-46	Ring - Retaining	2	24	62-1330	Bolt - Shoulder	2
2	63-2820	Arm - Brake	1	25	3296-23	Nut - Lock	2
3	63-2850	Bracket - Idler Arm	1	26	63-2250	Bushing - Axle	2
4	3296-42	Nut - Lock	1	27	252-80	Washer - Thrust	4
5	3234-13	Screw - Hex. Hd.	1	28	62-1010	Guard - Chain L.H.	1
6	3-4244	Pulley - Idler	2	29	63-2112	Axle Assembly	1
7	3296-59	Nut - Lock	2	30	62-1000	Guard - Chain R.H.	1
8	323-7	Screw - Hex Hd.	2	31	32104-121	Screw - Hex Flange Hd.	3
9	62-0970	Pin - Idler	1	32	241-127	Rim - Wheel	2
10	62-1260	Arm - Traction Idler	1	33	232-48	Tube - Inner	2
11	62-1280	Arm - Impeller Idler	1	34	231-123	Tire	2
12	62-1210	Bushing - Idler	1	35	5-2490	Bolt - Shoulder	2
13	63-2881	Spring - Torsion	1	36	63-2740	Spring - Torsion	1
14	63-2870	Spring - Extension	2	37	3290-476	Fastener - Panel	1
15	3296-39	Nut - Lock	2	38	3290-243	Pin - Klik	2
16	3290-461	Washer - Belleville	2	39	3296-47	Nut - Lock	2
17	62-0470	Latch - Arm	1	40	66-6860	Decal - Warning (Model No.38580)	1
18	66-7720	Rod - Latch	1	*	63-3470	Decal - Warning (Model No.38566)	1
19	32121-9	Pin - Roll	2	41	3234-7	Screw - Hex Flange Hd.	2
20	32144-4	Screw - Hex Flange Hd.	2	42	66-8060	Pad - Brake	1
21	3256-1	Washer - Flat	2	*	63-3040	Tire Chains Kit (Optional)	1
22	63-3340	Washer	4	*	66-6820	Spacer - Tire Chain	2
23	66-7740	Pivot Arm Assembly (Incl. Ref. # 26)	2				

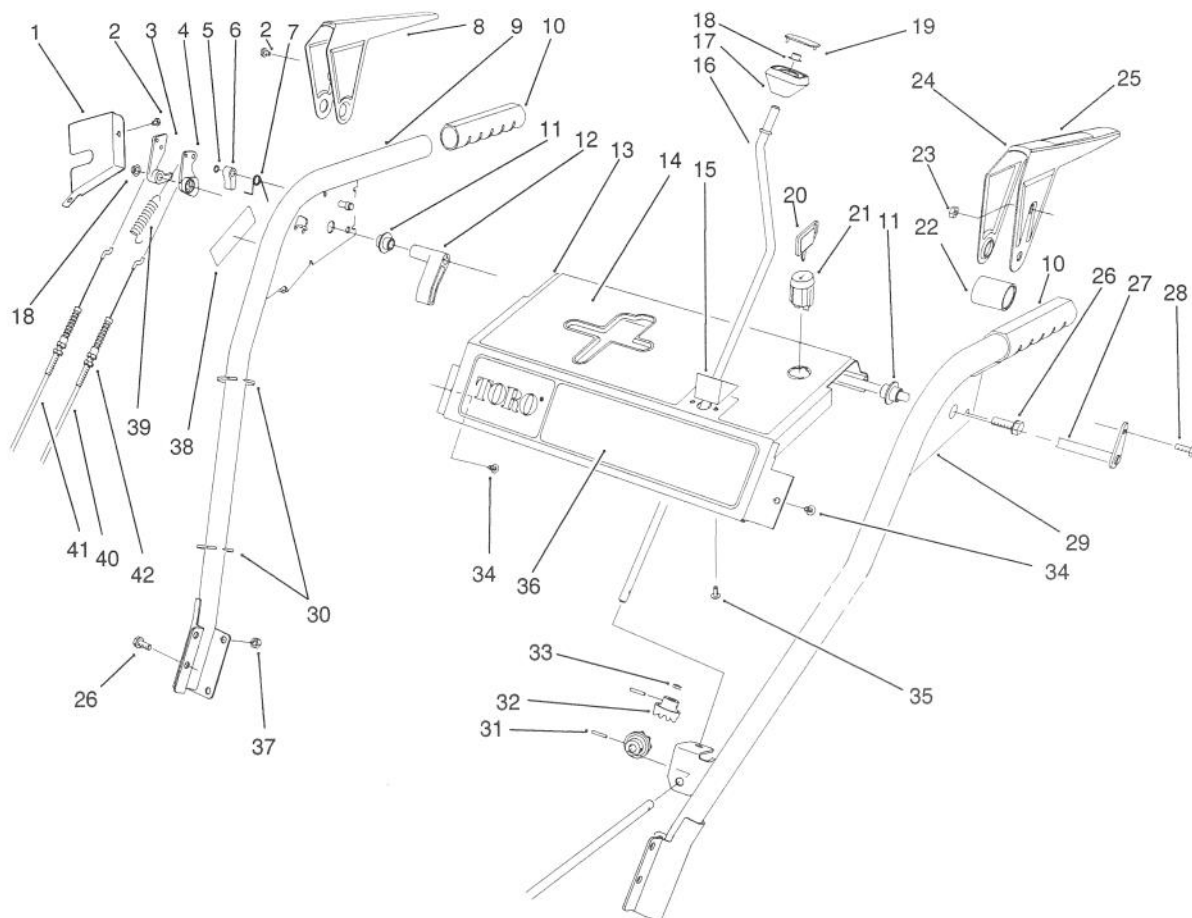
*Not Illustrated



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	2
7	62-1100	Lever - Latch	1	28	67-9250	Retainer - Shift Rod	1
8	63-2220	Spring - Extension	1	29	321-9	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	Spring - Extension	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	Spring - Extension	1	42	62-1470	Base - Lockout	1

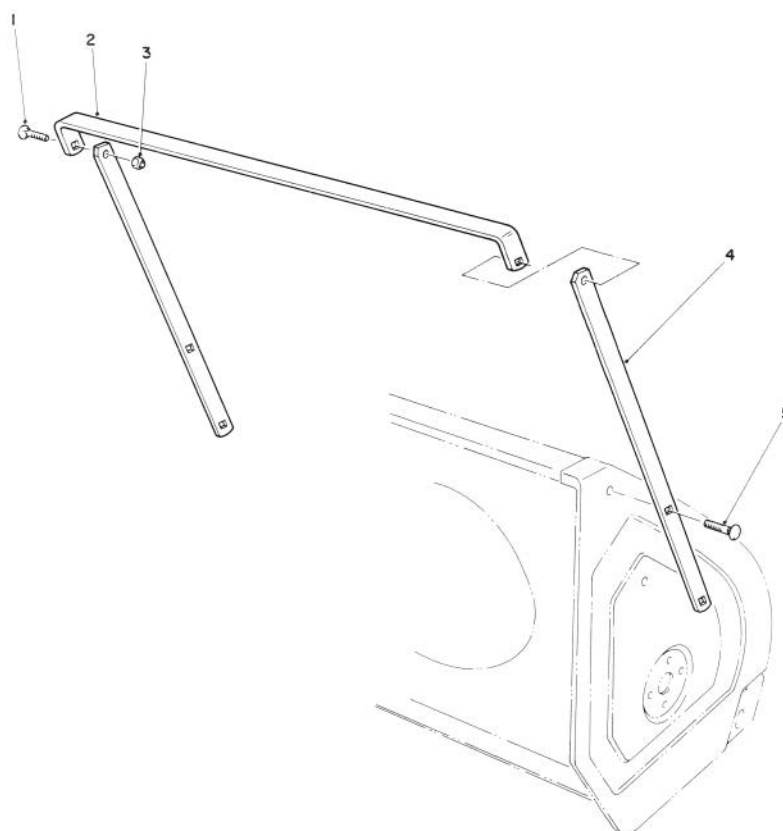


C-0055

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	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	Handle grip	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 38580 Only)	1	36	63-2530	Decal - Panel Front	1
*	63-2550	Decal - Panel Top (Model 38566 Only)	1	37	3296-47	Nut - Lock	4
15	62-1490	Plate - Guide	1	38	66-6860	Decal - Warning (Model 38580 Only)	1
16	63-2160	Rod - Chute Crank	1	*	63-3470	Decal - Warning (Model 38566 Only)	1
17	62-1320	Knob - Chute Control	1	39	63-2720	Spring - Extension	1
18	3290-320	Nut - Push	3	40	63-2710	Cable - Traction	1
19	62-1520	Cover - Knob	1	41	63-2700	Cable - Impeller	1
20	63-8360	Key - Switch	1	42	3296-42	Nut	4
21	40-5940	Switch - On/Off	1	*	63-3420	Harness - Wire	1
22	63-3380	Spacer - Traction Lever	1				

*Not Illustrated



C-0068

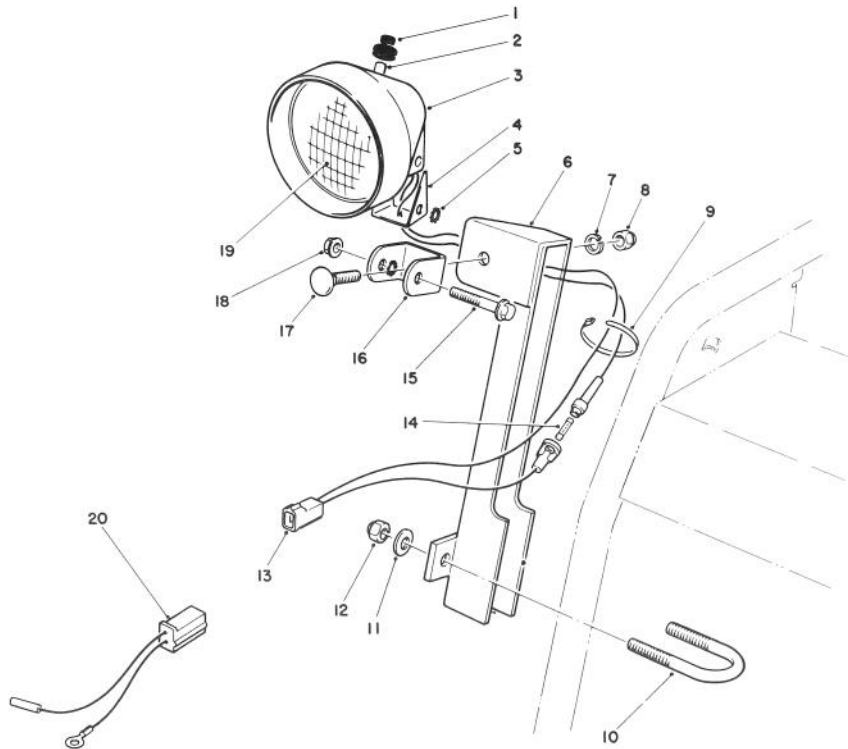
DRIFT BREAKER ASSEMBLY (Optional)

Ref. No.	Part No.	Description	No. Used
1	3230-16	Bolt - Carriage	2
†2		Breaker - Top (28")	1
3	3296-29	Nut - Lock	6
†4		Breaker - Side	2

Ref. No.	Part No.	Description	No. Used
5	3230-1	Bolt - Carriage	4
*	66-7970	Drift Breaker Kit (Incl. Ref. #1-5)	1

*Not Illustrated

†Items not sold separately.



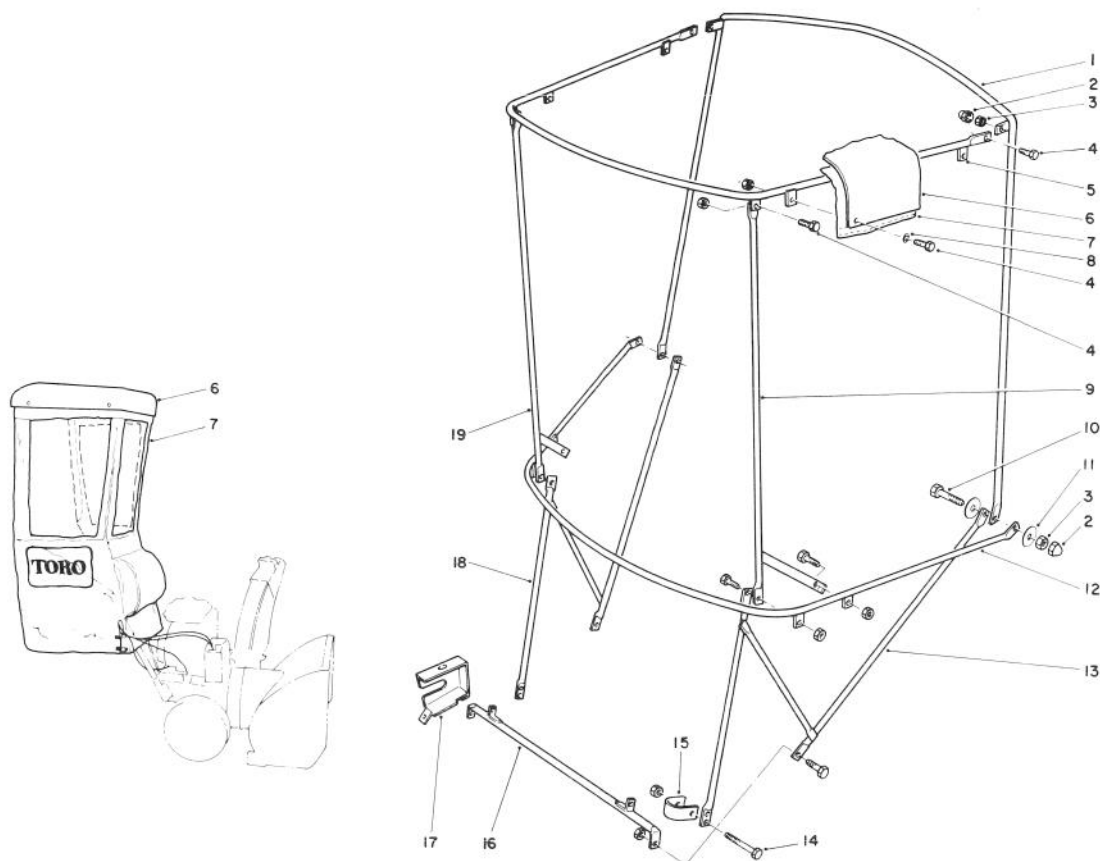
C-0071

LIGHT KIT NO. 66-7940 (Optional)

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

*Not Illustrated

†Obtain Locally



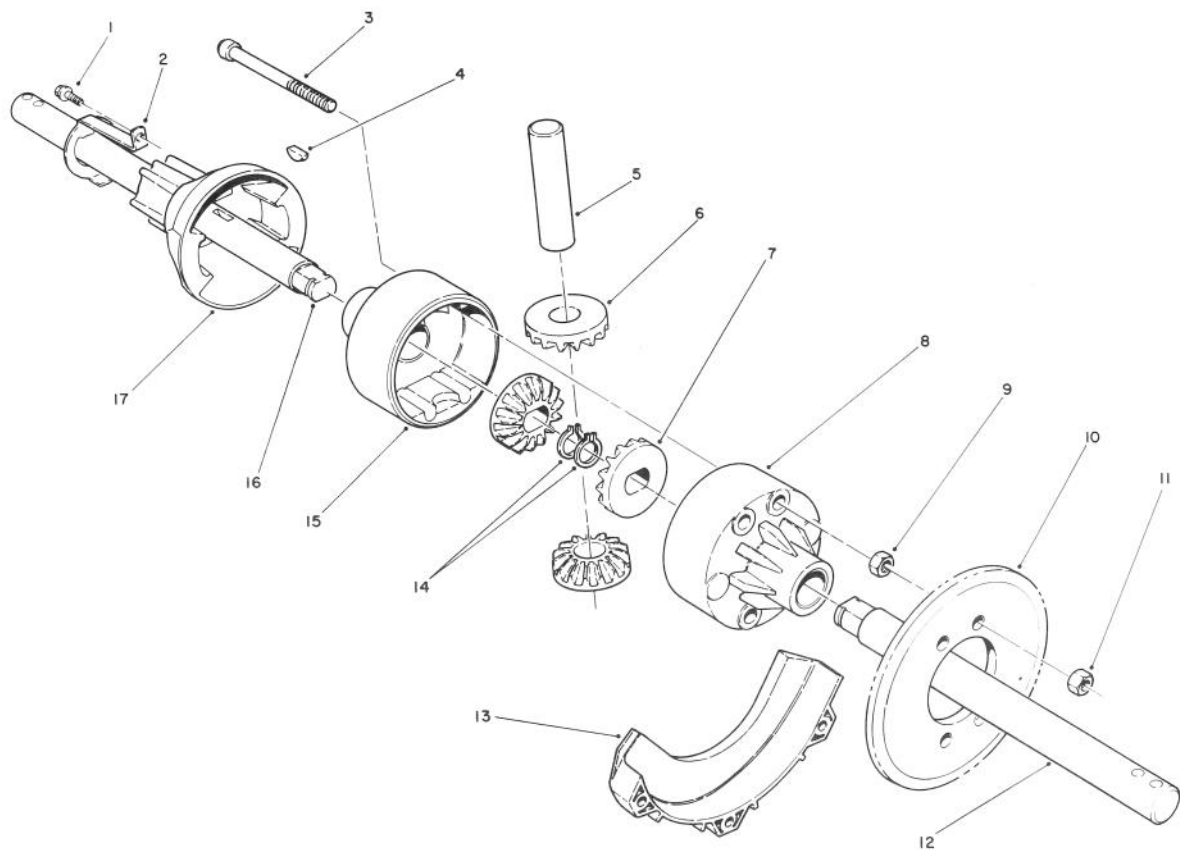
C-0138

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	12	68-9230	Shaft - Differential L.H.	1
2	68-9260	Spring - Lockout	1	13	68-9310	Guard - Chain R.H.	1
3	3274-82	Screw - Hex. Socket Hd.	4	14	32120-93	Ring - Retaining	2
4	3257-41	Key - Woodruff	2	15	68-9210	Housing - Male	1
5		Shaft - Cross	1	16	68-9240	Shaft - Differential R.H.	1
6		Gear - Cross Shaft Pinion	2	17	68-9250	Coupling - Differential	1
7		Gear - Side Pinion	2	*	68-8410	Cover - Lower Belt	1
8	68-9220	Housing - Female	1	*	68-9390	Decal - Caution/Instructions	1
9	3217-6	Nut - Hex.	4	*	68-9280	Gear Set	1
10	68-9270	Sprocket - 32T	1			(Incl. Ref. #5-7)	
11	3296-47	Nut - Lock	4				

*Not Illustrated



ENGINE BRIGGS & STRATTON MODEL 252416

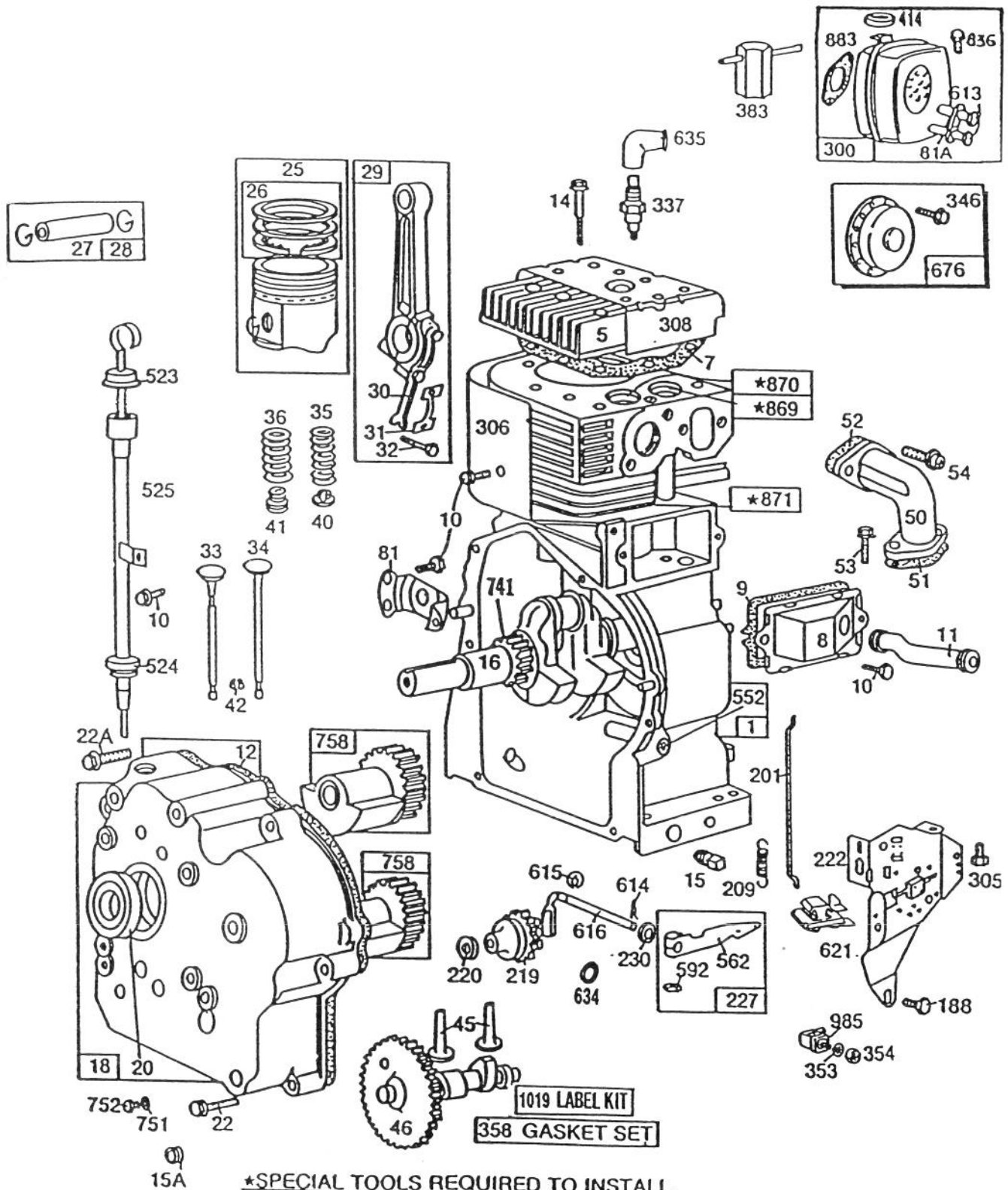
TYPE 0756-01 & 0757-01

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	396209	Cylinder Assembly	1	28	299691	Piston Pin Assy. (Std.)	1
5	212917	Head - Cylinder	1	*	391286	Piston Pin Assy. (.005" OS.)	1
*7	271075	Gasket - Cylinder Head	1	29	490348	Connecting Rod Assembly	1
8	391575	Breather Assembly	1			Note: (For Connecting Rod with .020" Undersize Crankpin Bore - Order Part No. 490469)	
*9	27803	Gasket - Valve Cover	1	30	222329	Dipper - Connecting Rod	1
10	93394	Screw	1	31	222299	Lock - Conn. Rod Screw	1
11	280112	Tube - Breather	1	32	92909	Screw - Connecting Rod	1
12	272125	Gasket - Crankcase Cover (1/64" Thick)	1	33	261185	Valve - Exhaust	1
*	272219	Gasket - Crankcase Cover (.005" Thick Model 38580 Only)	1	34	261462	Valve - Intake	1
†*	272220	Gasket - Crankcase Cover (.009" Thick Model 38580 Only)	1	35	65906	Spring - Intake Valve	1
*	270857	Gasket - Crankcase Cover (.005" Thick Model 38566 Only)	1	36	26828	Spring - Exhaust Valve	1
*	270858	Gasket - Crankcase Cover (.009" Thick Model 38566 Only)	1	40	221596	Retainer - Intake Valve	1
14	93723	Screw - Cylinder Head (3" long)	3	41	292260	Rotocoil - Exhaust Valve	1
		Note; 93211 Screw 2 21/32"	6	42	93630	Retainer - Exhaust Valve Rotocoil	2
15	91084	Plug - Oil Drain	1	45	262248	Tappet - Valve	1
*	93418	Plug - Oil Drain (Hex. Socket)	1	46	212897	Gear - Cam	1
16	399723	Crankshaft	1	50	490051	Elbow - Intake	1
		Note: Order 94196 Key For Loose Timing Gear Retaining		† 51	*270267	Gasket - Carburetor	1
18	391747	Cover Assembly - Crankcase	1	† 52	*270872	Gasket - Intake	1
20	291675	Seal - Oil	1	52	93415	Screw	1
22	93585	Screw - Crankcase Cover	2	54	92308	Screw	1
22A	93764	Screw - Crankcase	1	81	222407	Retainer - Counterweight	1
25	391285	Piston Assy. (Std.)	1	81A	223016	Screw	1
*	391287	Piston Assy. (.010" OS.)	1	188	93535	Screw	1
*	391288	Piston Assy. (.020" OS.)	1	201	261236	Link - Governor	1
*	391289	Piston Assy. (.030" OS.)	1	209	260695	Spring - Governor	1
		Note: For Chrome Ring Set-Standard Size-Order No. 392331.	1	219	391737	Gear - Governor	1
26	391780	Piston Ring Set (Std.)	1	220	221551	Washer - Thrust	1
*	391781	Piston Ring Set (.010" OS.)	1	222	399152	Plate - Governor Control	1
*	391782	Piston Ring Set (.020" OS.)	1	227	396775	Lever Assy. - Governor	1
*	391783	Piston Ring Set (.030" OS.)	1	230	222450	Washer - Governor Crank	1
27	260924	Lock - Piston Pin	2	300	491626	Muffler - Exhaust	1
				305	93158	Screw	1
				306	222744	Shield - Cylinder	1
				308	222306	Cover - Cylinder Head	1
				337	293918	Plug - Spark (Resistor) (1-1/2" High-37m.m. Model 38580 Only)	1
					802592	Plug - Spark (Resistor) (1-7/8" High-47 m.m. Model 38566 Only)	1

*Included in Gasket Set - Part No. 391834

†Included in Carburetor Overhaul Kit - See Ref. #121

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01 (Continued)



ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01

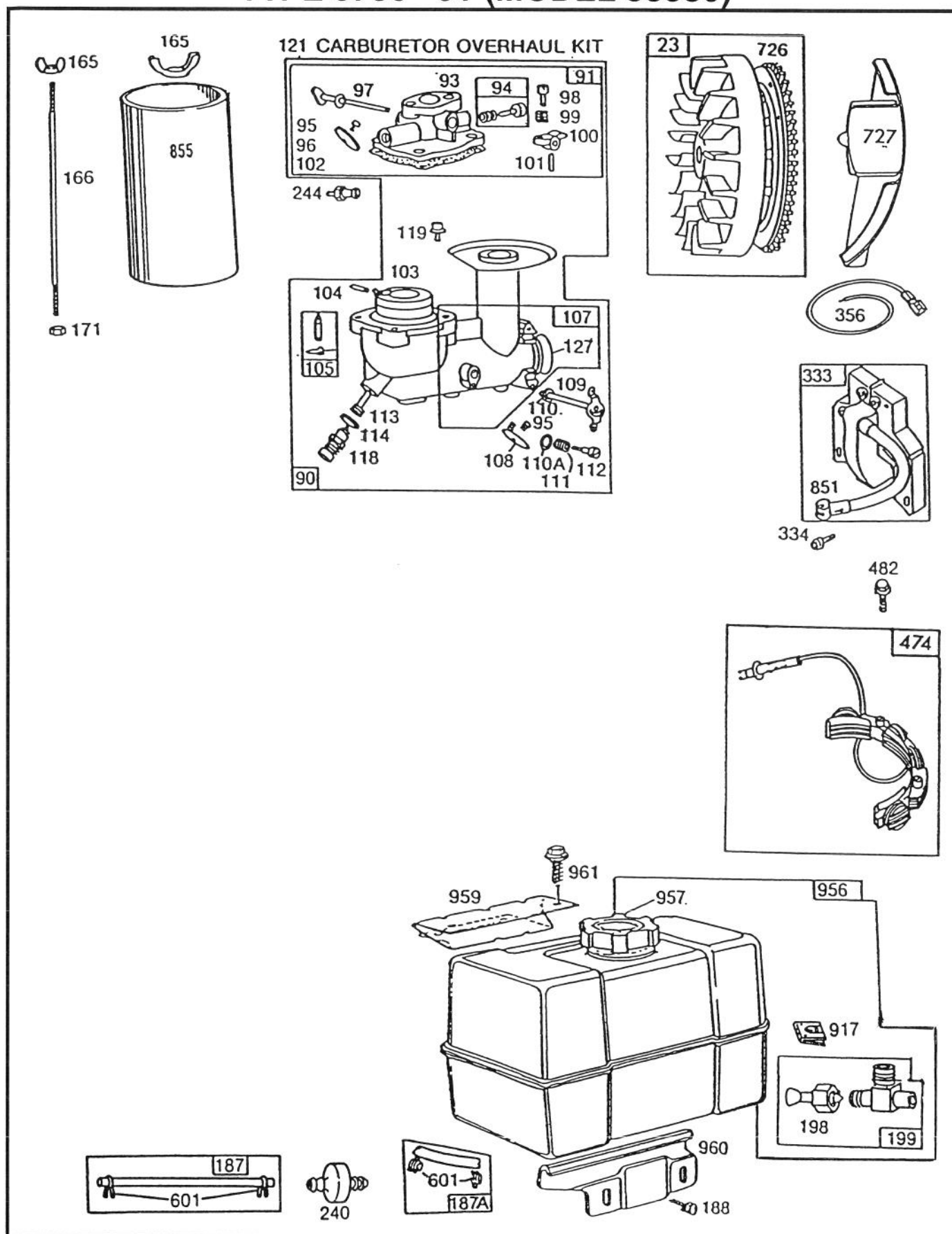
Ref. No.	Part No.	Description	No. Used
346	93705	Screw	1
353	92791	Washer - Lock	1
354	90576	Nut - Hex.	1
358	391834	Gasket Set	1
383	89838	Wrench - Spark Plug	1
414	231109	Spacer - Muffler	1
523	490665	Cap and Dipstick, Oil Filler	1
524	68838	Seal - Filler Tube	1
525	392283	Tube - Oil Filler	1
552	231598	Bushing - Governor Crank	1
562	92613	Bolt - Governor Lever	1
592	231082	Nut - Hex.	1
613	93927	Screw	1
614	93306	Cotter - Hair Pin	1
615	93307	Retainer - E-Ring	1
616	231057	Ring - Retainer	1

Ref. No.	Part No.	Description	No. Used
621	396847	Switch - Stop	1
634	419323	Seal - Oil	1
635	66538	Elbow - Spark Plug	1
676	396903	Deflector - Exhaust	1
741	262135	Gear - Timing	1
751	22355	Washer	1
752	93554	Screw	1
758	391581	Counterweight & Bearing Ass'y	1
836	92747	Screw	1
869	261463	Seat - Intake Valve	1
870	210940	Seat - Exhaust Valve	1
871	231218	Guide - Valve	2
883	270917	Gasket - Exhaust	1
985	398525	Insulator Assembly	1
1019	491195	Kit - Decal	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 38580)



ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01(MODEL 38580)

Ref. No.	Part No.	Description	No. Used
23	391988	Flywheel and Ring Gear Ass'y - Magneto	1
90	399252	Carburetor Assembly	1
91	393833	Body Assembly - Upper Carburetor	1
93	23108	Bushing - Throttle Shaft	1
†94	292681	Valve Assy - Carb. Idle	1
95	93499	Screw - Throttle & Choke Valve	1
96	221939	Valve - Throttle	1
97	391596	Shaft and Lever - Throttle	1
98	91920	Screw - Machine	1
99	26157	Spring - Throttle Adjust.	1
100	61967	Stop - Throttle	1
101	93043	Pin - Throttle Stop	1
*102	27918	Gasket - Carburetor Body	1
103	99333	Float - Carburetor	1
†104	230896	Pin - Float Hinge	1
105	394681	Valve - Fuel Inlet	1
107	391829	Body Assy - Lower Carb.	1
108	223781	Valve - Choke	1
109	391884	Shaft and Lever Choke	1
110	62899	Washer - Choke Lever	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 - Hex. Hd.	1
121	394989	Carburetor Overhaul Kit	1
†127	221747	Plug - Welch	1

Ref. No.	Part No.	Description	No. Used
165	93453	Nut - Wing	1
166	231007	Stud - Air Cleaner	1
171	92129	Nut	1
187	296004	Hose Fuel 23"	1
187A	393815	Hose - Fuel 11"	1
188	93535	Screw	1
198	293934	Valve - Fuel Shut off	1
199	399949	Outlet - Fuel Tank	1
240	298090	Filter - Fuel	1
244	230318	Connector - Fuel Line	1
333	398811	Armature - Magneto	1
334	93381	Screw	1
356	398874	Wire - Ground	1
474	391595	Stator & Brkt. - Alternator	1
482	93621	Screw	1
601	93053	Clamp - Fuel Pipe (Green)	1
	93807	Clamp - Fuel Pipe (Red)	1
726	392134	Gear - Ring	1
727	223597	Guard - Ring Gear	1
*	221968	Guard - Upper Ring Gear	
		Note: Both Guards Use:	
		Mounting Parts	
	93712	Screw	2
	93713	Lockwasher	2
851	221798	Terminal - Ignition Cable	1
855	231145	Stack - Carburetor	1
917	223271	Valve Handle	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 Gasket Set - Part No.391834

†Included in Carburetor Overhaul Kit - See Ref.#121



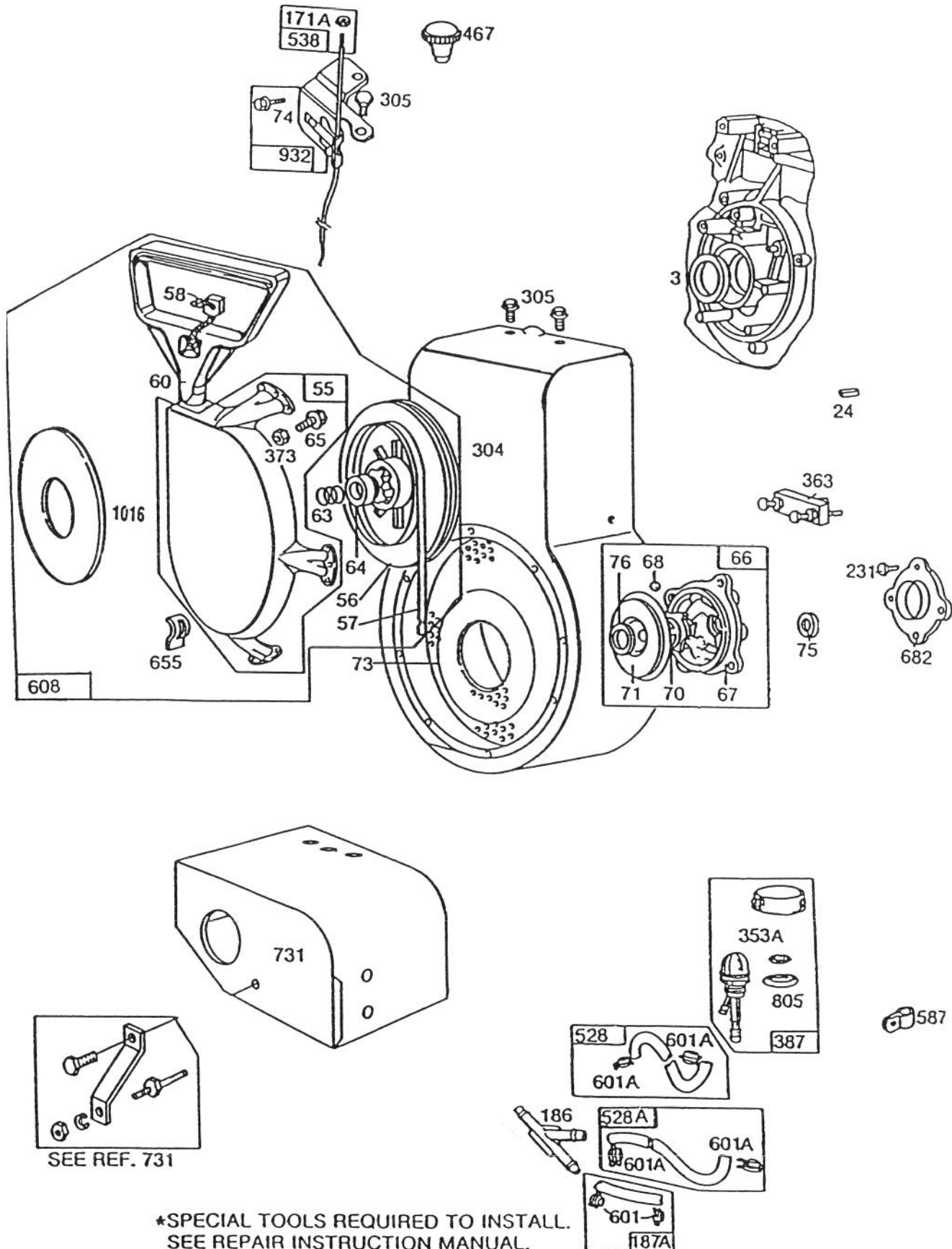
ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0757-01 (MODEL 38566)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
23	391988	Flywheel and Ring Gear Ass'y - Magneto	1	166	231007	Stud - Air Cleaner	1
90	399252	Carburetor Assembly	1	171	92129	Nut	1
91	393833	Body Assembly - Upper Carburetor	1	187	296004	Hose Fuel	1
93	23108	Bushing - Throttle Shaft	1	188	93535	Screw	1
94	292681	Valve Assy - Carb. Idle	1	198	293934	Valve - Fuel Shut off	1
95	93499	Screw - Throttle & Choke Valve	1	199	399949	Outlet - Fuel Tank	1
96	221939	Valve - Throttle	1	240	298090	Filter - Fuel	1
97	391596	Shaft and Lever - Throttle	1	244	230318	Connector - Fuel Line	1
98	91920	Screw - Machine	1	333	398811	Armature - Magneto	1
99	26157	Spring - Throttle Adjust.	1	334	93381	Screw	1
100	61967	Stop - Throttle	1	356	398874	Wire - Ground	1
101	93043	Pin - Throttle Stop	1	474	393474	Stator & Brkt. - Alternator	1
*102	270268	Gasket - Carburetor Body	1	482	93621	Screw	1
103	298514	Float - Carburetor	1	601	93053	Clamp - Fuel Pipe (Green)	1
104	†230896	Pin - Float Hinge	1		93807	Clamp - Fuel Pipe (Red)	1
105	394681	Valve - Fuel Inlet	1	726	392134	Gear - Ring (Aluminum - Includes Mounting Parts)	1
	334682	Valve - Fuel	1	727	223597	Guard - Ring Gear	1
107	391829	Body Assy - Lower Carb.	1		221968	Guard - Upper Ring	1
108	223781	Valve - Choke	1			Note: Both Guards Use:	
109	391884	Shaft and Lever Choke	1			Gear	
110	62899	Washer - Choke Lever	1			93712 Screw	2
110A	222712	Washer - Choke Lever	1	851	221798	93713 Lockwasher	2
111	26155	Spring - Choke Lever	1	855	231145	Terminal - Ignition Cable	1
112	23123	Screw - Choke Lever	1	877	393456	Stack - Carburetor	1
113	†394730	Nozzle - Carburetor	1	878	393362	Diode & Connector Ass'y	1
114	†68667	Gasket - Nozzle	1	917	223271	Wire Harness - Alternator	1
118	†99525	Valve - Needle	1	956	223271	Valve Handle	1
119	93496	Screw - Hex. Hd.	1	957	490579	Tank Assembly - Fuel	1
121	394989	Carburetor Overhaul Kit	1	959	397975	Cap - Fuel Tank	1
127	†221747	Plug - Welch	1	960	223754	Bracket - Fuel Tank (Upper)	1
165	93453	Nut - Wing	1	961	223755	Bracket - Fuel Tank (Lower)	1
					94095	Screw - Tank Mounting	1

*Included in Gasket Set - Part No.391834

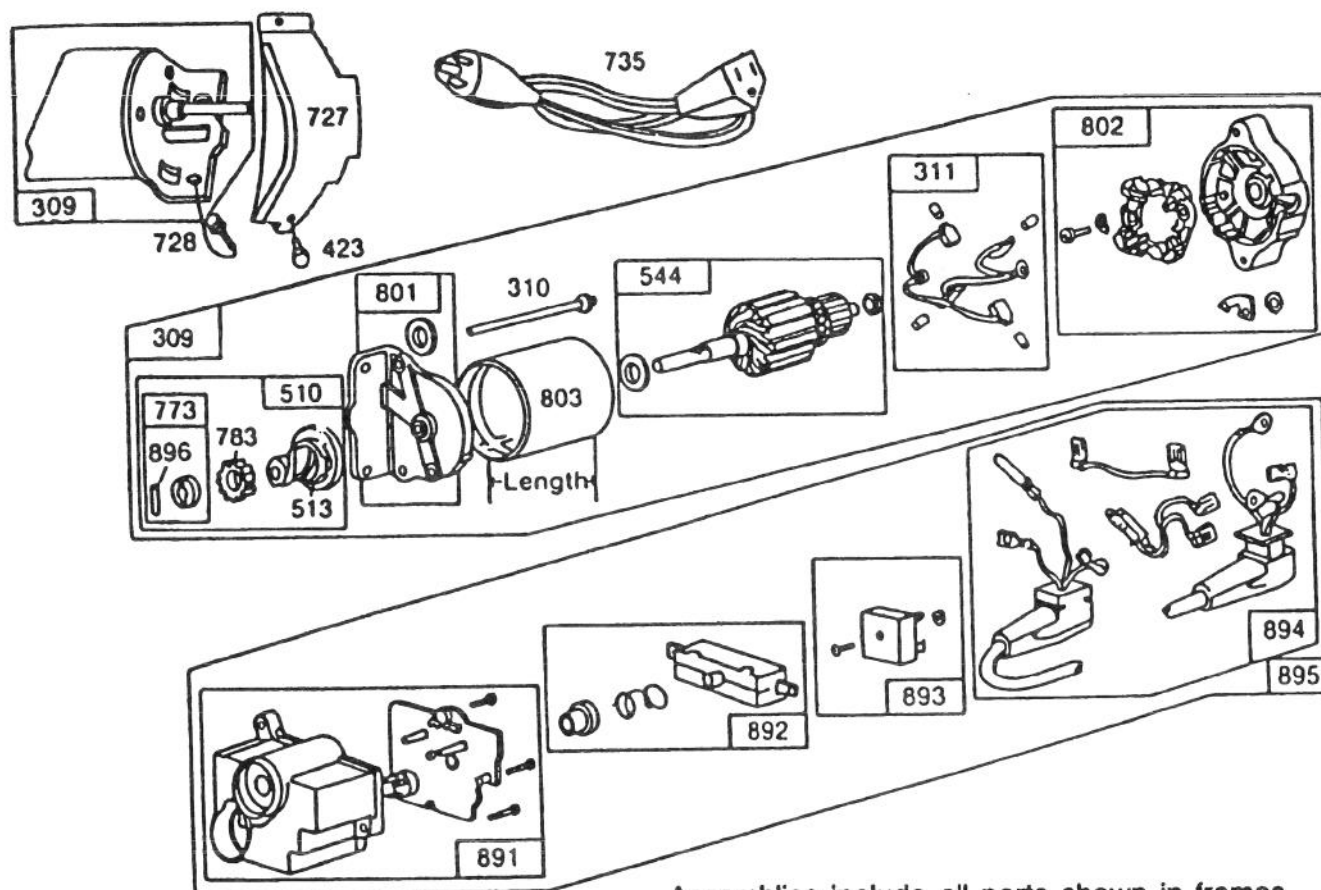
†Included in Carburetor Overhaul Kit - See Ref.#121

ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01 (Continued)



ENGINE BRIGGS & STRATTON MODEL 252416 TYPE 0756-01 & 0757-01(Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
3	391086	Seal - Oil	1	*	490446	Housing - Blower (Model 38566)	1
24	222698	Key - Flywheel	1	305	93158	Screw	1
55	398099	Housing - Rewind Starter	1	353A	94281	Washer	1
56	295871	Pulley - Rewind Starter	1	363	19203	Pulley - Flywheel	1
57	490179	Spring - Rewind Starter	1	373	92987	Nut	1
58	66884	Rope - Rewind Starter	1	387	399255	Primer Group	1
60	398101	Grip - Starter Rope	1	467	391908	Knob	1
63	260414	Spring	1	528	399256	Hose - Primer(Incl. Filter)	1
64	230543	Adapter	1	528A	399254	Hose - Primer	1
65	93105	Screw(Model 38580 Only)	1	538	396085	Rod - Control	1
*	94128	Screw(Model 38566 Only)	1	587	220162	Clamp	1
66	399671	Clutch Assembly	1	601	93053	Clamp (Green)	1
67	394897	Housing - Clutch	1		93807	Clamp (Red)	1
68	63770	Ball	1	601A	94171	Clamp	1
70	298799	Ratchet	1	608	397982	Starter Assembly	1
71	221653	Washer	1	655	222598	Anchor - Spring	1
73	221796	Screen	1	682	211516	Shield	1
74	93042	Screw	1	731	490173	Hood	1
75	220865	Washer	1	*	223825	Screw (Hood to Strap)	1
76	68238	Washer	1	*	93490	Screw (Hood to Blower)	1
171A	90356	Nut	1	*	93640	Screw (Hood to Cyl. Head)	1
186	280727	Connector	1	*	90832	Washer - Lock	1
187A	393815	Hose - Fuel	1	805	94189	Nut	1
231	94238	Screw	1	932	396084	Guide - Control Rod	1
304	392738	Housing - Blower (Model 38580)	1	1016	490817	Spacer	1



Assemblies include all parts shown in frames.

110V ELECTRIC STARTER NO. 37-4630 (Optional)

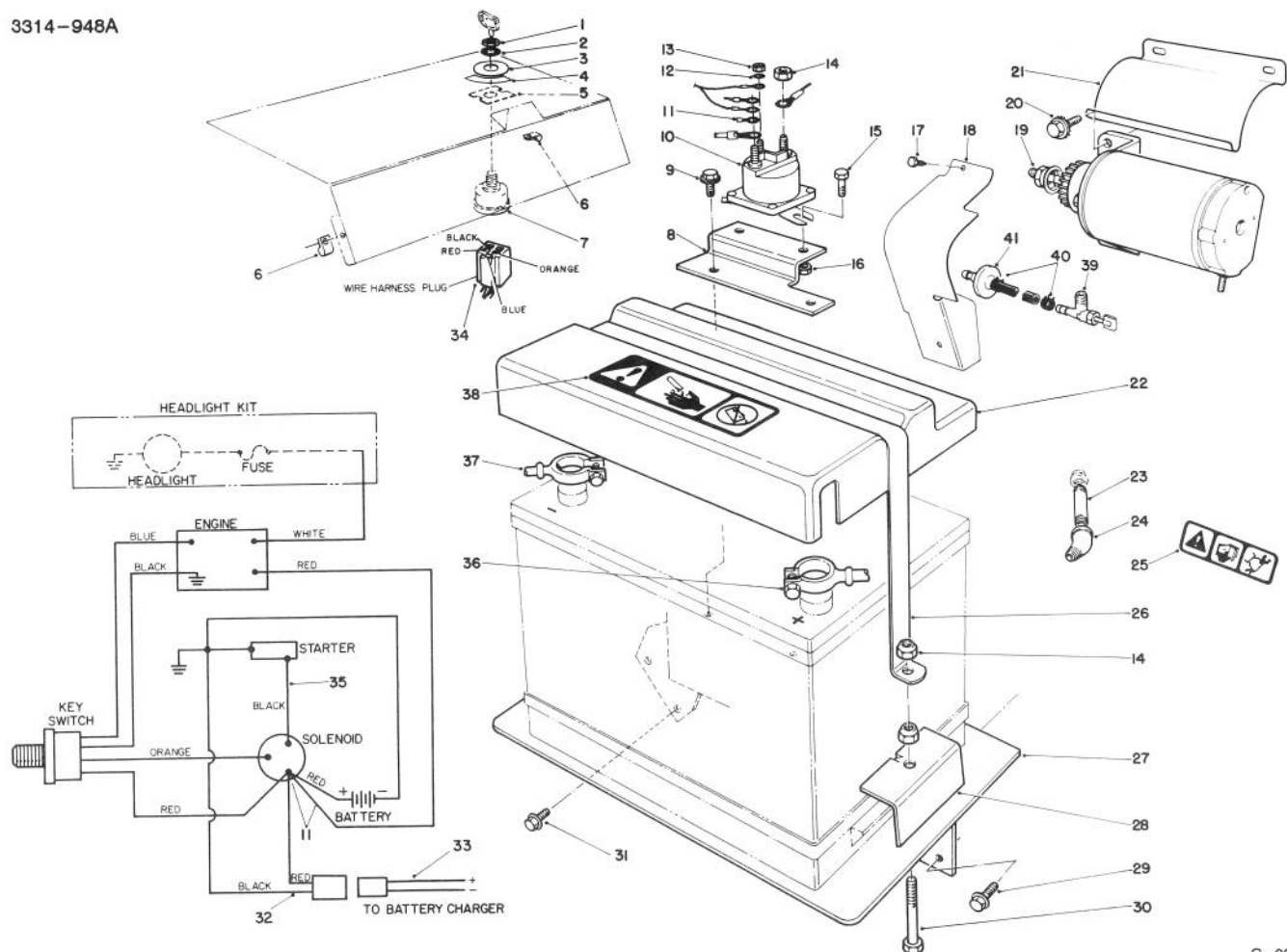
Ref. No.	Part No.	Description	No. Used
309	396505	Motor & Drive Assembly	1
310	93934	Thru Bolt Assembly	2
311	393612	Brush Assembly	1
423	93984	Screw	1
510	391461	Drive Assembly (Incl. Ref. #513, 773, 783 & 896)	1
513	391135	Clutch Assembly	1
544	393607	Armature Assembly	1
727	395405	Cover - Starter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

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



C-0073

12 VOLT STARTER MOTOR KIT NO.66-7700(Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	218-461	Nut	1	23	289-36	Nipple - Pipe	1
2	3254-5	Washer - Lock	1	24	2811-3	Fitting - 45°	1
3	66-7690	Washer	1	25	63-3470	Decal - Warning	1
4	66-7660	Decal	1	26	22-8850	Strap - Battery	1
5	66-7680	Adapter - Switch	1	27	66-7600	Plate - Mounting	1
6	2412	Clip - Wire	2	28	22-8870	Hold Down	2
7	23-0660	Switch - Starter (Incl. Ref.#1-2)	1	29	3234-17	Screw	2
8	66-7630	Plate - Solenoid	1	30	322-11	Screw	2
9	32144-10	Screw	2	31	3234-5	Screw	2
10	6-1600	Solenoid	1	32	29-7830	Wire Assembly	1
11	218-575	Terminal	1	33	23-7820	Wire Assembly	1
12	3254-1	Washer - Lock	1	34	66-7650	Harness - Wire	1
13	3219-14	Nut	1	35	22-9310	Wire Assembly	1
14	3296-29	Nut	6	36	22-9320	Cable Battery Pos.	1
15	321-2	Screw - Hex. Hd.	2	37	29-9330	Cable - Battery Neg.	1
16	3296-42	Nut	2	38	66-7640	Decal Battery	1
†17	934984	Screw	2	†39	399949	Valve - Fuel Tank	1
†18	280265	Shield - Pinion	1	40	2210-307	Clamp	2
19	37-9970	Starter Motor Ass'y	1	41	298090	Filter	1
†20	93535	Screw	2	*	3290-378	Tie Wrap	5
21	222592	Shield - Dip	1	*	26-3870	Charger - Battery 110V	1
22	22-8900	Cover - Battery	1	*	26-7140	Charger - Battery 220V	1†

*Not Illustrated

†Obtain from The TORO Co.

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

PART NUMBER INDEX

3314-948A

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
2412	Clip - Wire	25 6 2	93621	Screw	19 482 1
19203	Pulley - Flywheel	23 363 1	93621	Screw	21 482 1
22355	Washer	17 751 1	93630	Retainer - Exhaust Valve	15 42 2
23108	Bushing - Throttle Shaft	19 93 1	93640	Screw (Hood to Cyl. Head)	23 * 1
23108	Bushing - Throttle Shaft	21 93 1	93705	Screw	17 346 1
23123	Screw - Choke Lever	19 112 1	93712	Screw	19 2 2
23123	Screw - Choke Lever	21 112 1	93713	Lockwasher	19 2 2
26155	Spring - Choke Lever	19 111 1	93723	Screw - Cylinder Head	15 14 3
26155	Spring - Choke Lever	21 111 1	93754	Roll Pin	24 896 1
26157	Spring - Throttle Adjust.	19 99 1	93764	Screw - Crankcase	15 22A 1
26157	Spring - Throttle Adjust.	21 99 1	93807	Clamp (Red)	23 1 1
26828	Spring - Exhaust Valve	15 36 1	93807	Clamp - Fuel Pipe (Red)	19 1 1
27803	Gasket - Valve Cover	15 * 9 1	93807	Clamp - Fuel Pipe (Red)	21 1 1
27918	Gasket - Carburetor Body	19* 102 1	93927	Screw	17 613 1
61967	Stop - Throttle	19 100 1	93934	Thru Bolt Assembly	24 310 2
61967	Stop - Throttle	21 100 1	93984	Screw	24 423 1
62899	Washer - Choke Lever	19 110 1	94095	Screw - Tank Mounting	19 961 1
62899	Washer - Choke Lever	21 110 1	94095	Screw - Tank Mounting	21 961 1
63770	Ball	23 68 1	94128	Screw(Model 38566 Only)	23 * 1
65906	Spring - Intake Valve	15 35 1	94171	Clamp	23601A 1
66538	Elbow - Spark Plug	17 635 1	94189	Nut	23 805 1
66884	Rope - Rewind Starter	23 58 1	94238	Screw	23 231 1
68238	Washer	23 76 1	94281	Washer	23353A 1
68667	Gasket - Nozzle	19 114 1	99333	Float - Carburetor	19 103 1
68838	Seal - Filler Tube	17 524 1	99525	Valve - Needle	19{118 1
89838	Wrench - Spark Plug	17 383 1	210940	Seat - Exhaust Valve	17 870 1
90356	Nut	23171A 1	211516	Shield	23 682 1
90576	Nut - Hex.	17 354 1	212897	Gear - Cam	15 46 1
90832	Washer - Lock	23 * 1	212917	Head - Cylinder	15 5 1
91084	Plug - Oil Drain	15 15 1	220162	Clamp	23 587 1
91920	Screw - Machine	19 98 1	220865	Washer	23 75 1
91920	Screw - Machine	21 98 1	221551	Washer - Thrust	15 220 1
92129	Nut	19 171 1	221596	Retainer - Intake Valve	15 40 1
92129	Nut	21 171 1	221653	Washer	23 71 1
92308	Screw	15 54 1	221796	Screen	23 73 1
92613	Bolt - Governor Lever	17 562 1	221798	Terminal - Ignition Cable	19 851 1
92747	Screw	17 836 1	221798	Terminal - Ignition Cable	21 851 1
92791	Washer - Lock	17 353 1	221939	Valve - Throttle	19 96 1
92909	Screw - Connecting Rod	15 32 1	221939	Valve - Throttle	21 96 1
92987	Nut	23 373 1	221968	Guard - Upper Ring	21 1 1
93042	Screw	23 74 1	221968	Guard - Upper Ring Gear	19 * 1
93043	Pin - Throttle Stop	19 101 1	222299	Lock - Conn. Rod Screw	15 31 1
93043	Pin - Throttle Stop	21 101 1	222306	Cover - Cylinder Head	15 308 1
93053	Clamp (Green)	23 601 1	222329	Dipper - Connecting Rod	15 30 1
93053	Clamp - Fuel Pipe (Green)	19 601 1	222407	Retainer - Counterweight	15 81 1
93053	Clamp - Fuel Pipe (Green)	21 601 1	222450	Washer - Governor Crank	15 230 1
93105	Screw(Model 38580 Only)	23 65 1	222592	Shield - Dip	25 21 1
93158	Screw	15 305 1	222598	Anchor - Spring	23 655 1
93158	Screw	23 305 1	222698	Key - Flywheel	23 24 1
93306	Cotter - Hair Pin	17 614 1	222712	Washer - Choke Lever	19110A 1
93307	Retainer - E-Ring	17 615 1	222712	Washer - Choke Lever	21110A 1
93381	Screw	19 334 1	222744	Shield - Cylinder	15 306 1
93381	Screw	21 334 1	223016	Screw	1581A 1
93394	Screw	15 10 1	223271	Valve Handle	19 917 1
93415	Screw	15 52 1	223271	Valve Handle	21 917 1
93418	Plug - Oil Drain (Hex.	15 * 1	223597	Guard - Ring Gear	19 727 1
93453	Nut - Wing	19 165 1	223597	Guard - Ring Gear	21 727 1
93453	Nut - Wing	21 165 1	223754	Bracket - Fuel Tank (Upper)	19 959 1
93490	Screw (Hood to Blower	23 * 1	223754	Bracket - Fuel Tank (Upper)	21 959 1
93496	Screw - Hex. Hd.	19 119 1	223755	Bracket - Fuel Tank (Lower)	19 960 1
93496	Screw - Hex. Hd.	21 119 1	223755	Bracket - Fuel Tank (Lower)	21 960 1
93499	Screw - Throttle & Choke	19 95 1	223781	Valve - Choke	19 108 1
93499	Screw - Throttle & Choke	21 95 1	223781	Valve - Choke	21 108 1
93535	Screw	25 {20 2	223825	Screw (Hood to Strap)	23 * 1
93535	Screw	15 188 1	230318	Connector - Fuel Line	19 244 1
93535	Screw	19 188 1	230318	Connector - Fuel Line	21 244 1
93535	Screw	21 188 1	230543	Adapter	23 64 1
93535	Screw	24 728 1	230896	Pin - Float Hinge	19{104 1
93554	Screw	17 752 1	231007	Stud - Air Cleaner	19 166 1
93585	Screw - Crankcase Cover	15 22 2	231007	Stud - Air Cleaner	21 166 1

*Not Illustrated

PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
231057	Ring - Retainer	17 616 1	391834	Gasket Set	17 358 1
231082	Nut - Hex.	17 592 1	391884	Shaft and Lever Choke	19 109 1
231109	Spacer - Muffler	17 414 1	391884	Shaft and Lever Choke	21 109 1
231145	Stack - Carburetor	19 855 1	391908	Knob	23 467 1
231145	Stack - Carburetor	21 855 1	391988	Flywheel and Ring Gear	19 23 1
231218	Guide - Valve	17 871 2	391988	Flywheel and Ring Gear	21 23 1
231598	Bushing - Governor Crank	17 552 1	392134	Gear - Ring	19 726 1
260414	Spring	23 63 1	392134	Gear - Ring (Aluminum -	21 726 1
260695	Spring - Governor	15 209 1	392283	Tube - Oil Filler	17 525 1
260924	Lock - Piston Pin	15 27 2	392738	Housing - Blower	23 304 1
261185	Valve - Exhaust	15 33 1	393362	Wire Harness - Alternator	21 878 1
261236	Link - Governor	15 201 1	393456	Diode & Connector Ass'y	21 877 1
261462	Valve - Intake	15 34 1	393474	Stator & Brkt. - Alternator	21 474 1
261463	Seat - Intake Valve	17 869 1	393486	Control Group	24 895 1
262135	Gear - Timing	17 741 1	393607	Armature Assembly	24 544 1
262248	Tappet - Valve	15 45 1	393612	Brush Assembly	24 311 1
*270267	Gasket - Carburetor	15 { 51 1	393705	Housing Group	24 891 1
270268	Gasket - Carburetor Body	21*102 1	393706	Lead Group	24 894 1
270857	Gasket - Crankcase Cover	15 * 1	393707	Rectifier Group	24 893 1
270858	Gasket - Crankcase Cover	15 * 1	393708	Switch Group	24 892 1
*270872	Gasket - Intake	15 { 52 1	393815	Hose - Fuel	23187A 1
270917	Gasket - Exhaust	17 883 1	393815	Hose - Fuel 11"	19187A 1
271075	Gasket - Cylinder Head	15 *7 1	393833	Body Assembly - Upper	19 91 1
272125	Gasket - Crankcase Cover	15 12 1	393833	Body Assembly - Upper	21 91 1
272219	Gasket - Crankcase Cover	15 * 1	394398	Drive End Cap Assembly	24 801 1
272220	Gasket - Crankcase Cover	15 { * 1	394681	Valve - Fuel Inlet	19 105 1
280104	Gear	24 783 1	394681	Valve - Fuel Inlet	21 105 1
280112	Tube - Breather	15 11 1	394897	Housing - Clutch	23 67 1
280265	Shield - Pinion	25 {18 1	394989	Carburetor Overhaul Kit	19 121 1
280727	Connector	23 186 1	394989	Carburetor Overhaul Kit	21 121 1
291675	Seal - Oil	15 20 1	395405	Cover - Starter	24 727 1
292260	Rotocoil - Exhaust Valve	15 41 1	396084	Guide - Control Rod	23 932 1
292681	Valve Assy - Carb.	19 {94 1	396085	Rod - Control	23 538 1
292681	Valve Assy - Carb. Idle	21 94 1	396209	Cylinder Assembly	15 1 1
293918	Plug - Spark (Resistor)	15 337 1	396505	Motor & Drive Assembly	24 309 1
293934	Valve - Fuel Shut off	19 198 1	396775	Lever Assy. - Governor	15 227 1
293934	Valve - Fuel Shut off	21 198 1	396847	Switch - Stop	17 621 1
295871	Pulley - Rewind Starter	23 56 1	396903	Deflector - Exhaust	17 676 1
296004	Hose Fuel	21 187 1	397975	Cap - Fuel Tank	19 957 1
296004	Hose Fuel 23"	19 187 1	397975	Cap - Fuel Tank	21 957 1
298090	Filter	25 41 1	397982	Starter Assembly	23 608 1
298090	Filter - Fuel	19 240 1	398099	Housing - Rewind Starter	23 55 1
298090	Filter - Fuel	21 240 1	398101	Grip - Starter Rope	23 60 1
298514	Float - Carburetor	21 103 1	398525	Insulator Assembly	17 985 1
298799	Ratchet	23 70 1	398811	Armature - Magneto	19 333 1
299691	Piston Pin Assy. (Std.)	15 28 1	398811	Armature - Magneto	21 333 1
334682	Valve - Fuel	21 1 1	398874	Wire - Ground	19 356 1
390966	Cord - Starter	24 735 1	398874	Wire - Ground	21 356 1
391086	Seal - Oil	23 3 1	399152	Plate - Governor Control	15 222 1
391135	Clutch Assembly	24 513 1	399252	Carburetor Assembly	19 90 1
391285	Piston Assy. (Std.)	15 25 1	399252	Carburetor Assembly	21 90 1
391286	Piston Pin Assy.	15 * 1	399254	Hose - Primer	23528A 1
391287	Piston Assy. (.010 OS.)	15 * 1	399255	Primer Group	23 387 1
391288	Piston Assy. (.020 OS.)	15 * 1	399256	Hose - Primer	23 528 1
391289	Piston Assy. (.030 OS.)	15 * 1	399671	Clutch Assembly	23 66 1
391461	Drive Assembly	24 510 1	399723	Crankshaft	15 16 1
391462	Retainer	24 773 1	399949	Outlet - Fuel Tank	19 199 1
391575	Breather Assembly	15 8 1	399949	Outlet - Fuel Tank	21 199 1
391581	Counterweight & Bearing Ass'y	17 758 1	399949	Valve - Fuel Tank	25 {39 1
391595	Stator & Brkt. - Alternator	19 474 1	419323	Seal - Oil	17 634 1
391596	Shaft and Lever - Throttle	19 97 1	490051	Elbow - Intake	15 50 1
391596	Shaft and Lever - Throttle	21 97 1	490173	Hood	23 731 1
391737	Gear - Governor	15 219 1	490179	Spring - Rewind Starter	23 57 1
391747	Cover Assembly - Crankcase	15 18 1	490348	Connecting Rod Assembly	15 29 1
391780	Piston Ring Set (Std.)	15 26 1	490446	Housing - Blower	23 * 1
391781	Piston Ring Set (.010 OS.)	15 * 1	490579	Tank Assembly - Fuel	21 956 1
391782	Piston Ring Set (.020 OS.)	15 * 1	490665	Cap and Dipstick, Oil Filler	17 523 1
391783	Piston Ring Set (.030 OS.)	15 * 1	490817	Spacer	231016 1
391829	Body Assy - Lower Carb.	19 107 1	491008	Housing Assembly	24 803 1
391829	Body Assy - Lower Carb.	21 107 1	491192	Commutator End Cap Assy.	24 802 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
491195	Kit - Decal	171019 1	62-0470	Latch - Arm	7 17 1
491626	Muffler - Exhaust	15 300 1	62-0480	Gear Case - Lower	5 44 1
493337	Tank Assembly Fuel	19 956 1	62-0490	Gear Case - Upper	5 24 1
802592	Plug - Spark (Resistor)	15 1	62-0500	Gear - 15T	6 48 1
934984	Screw	25 {17 2	62-0722	Housing - 28	1 6 1
3-0750	Washer - Retaining	1 2 2	62-0820	Gear - Worm	1 22 1
3-4244	Pulley - Idler	7 6 2	62-0840	Chute Assembly	1 19 1
5-2490	Bolt - Shoulder	7 35 2	62-0860	Link - Gearshift	5 18 1
{68667	Gasket - Nozzle	21 114 1	62-0870	Lever - Gear Shift	5 16 1
{394730	Nozzle - Carburetor	21 113 1	62-0880	Lever - Direction Shift	5 5 1
{230896	Pin - Float Hinge	21 104 1	62-0920	Sheave Half - Traction	4 7 1
221747	Plug - Welch	19{ 127 1	62-0930	Hub - Sheave	4 5 1
{221747	Plug - Welch	21 127 1	62-0940	Sheave Half - Impeller	4 3 1
{99525	Valve - Needle	21 118 1	62-0970	Pin - Idler	7 9 1
6-1600	Solenoid	25 10 1	62-1000	Guard - Chain R.H.	7 30 1
7-0045	Seal - Oil	3 2 2	62-1010	Guard - Chain L.H.	7 28 1
11-0590	Screw - Hex Hd.	4 25 4	62-1020	Button - Detent	5 10 1
12-3270	Screw	6 49 3	62-1040	Yoke-Shift	5 26 2
12-8789	Impeller Bearing Assembly	2 * 1	62-1050	Lever - Impeller	9 8 1
12-8949	Loose Parts	4 * 1	62-1060	Lever - Traction	9 24 1
13-3559	Gear - Bevel Reverse 36T	6 59 1	62-1070	Bushing - Lever	9 11 2
17-7030	Bolt - Auger	2 59 2	62-1080	Shaft - Output	5 37 1
20-0980	Bearing - Auger	2 57 2	62-1100	Lever - Latch	8 7 1
20-0990	Flange - Bearing (Inner)	2 56 2	62-1110	Lever - Index Wheel	8 3 1
20-1000	Flange - Bearing (Outer)	2 58 2	62-1120	Lever - Reverse	8 22 1
22-8850	Strap - Battery	25 26 1	62-1130	Lever - Reverse	8 20 1
22-8870	Hold Down	25 28 2	62-1140	Cover - Latch	8 12 1
22-8900	Cover - Battery	25 22 1	62-1150	Bushing - Worm	3 16 1
22-9310	Wire Assembly	25 35 1	62-1160	Bushing - Intermediate	6 46 4
22-9320	Cable Battery Pos.	25 36 1	62-1170	Bushing - Flange	5 38 2
23-0660	Switch - Starter	25 7 1	62-1180	Bushing - Output (Flange)	5 1 1
23-7820	Wire Assembly	25 33 1	62-1190	Bracket - Bellcrank	5 22 1
25-5090	Spacer - Auger Hub	2 55 2	62-1210	Bushing - Idler	7 12 1
26-3870	Charger - Battery 110V	25 * 1	62-1230	Washer - Rubber	9 33 1
26-7140	Charger - Battery 220V	25 * 1{	62-1260	Arm - Traction Idler	7 10 1
29-7830	Wire Assembly	25 32 1	62-1280	Arm - Impeller Idler	7 11 1
29-9330	Cable - Battery Neg.	25 37 1	62-1290	Knob - Shift	8 1 1
29-9570	Bushing - Yoke	6 45 1	62-1300	Pulley - Impeller	1 24 1
37-6560	Bushing - Input	3 10 1	62-1310	Pulley - Traction	6 50 1
37-9970	Starter Motor Ass'y	25 19 1	62-1320	Knob - Chute Control	9 17 1
38-0070	Bracket - Switch	24 *{ 1	62-1330	Bolt - Shoulder	7 24 2
38-7820	Bearing - Ball	5 36 2	62-1350	Bushing - Output	5 27 2
40-5940	Switch - On/Off	9 21 1	62-1381	Handle - R.H.	9 9 1
52-2861	Washer	2 43 4	62-1400	Cover - Belt (Lower)	2 41 1
53-7670	Decal - Danger Auger	1 5 1	62-1430	Retainer - Chute	1 11 3
53-7860	Decal - Danger Chute	1 * 1	62-1440	Cover - Engine Frame	2 32 1
54-9810	Wire Assembly	11 13 1	62-1460	Gear - Universal	9 32 2
54-9810	Wire Assembly	11 20 1	62-1470	Base - Lockout	8 42 1
54-9870	Headlamp Assembly	11 * 1	62-1490	Plate - Guide	9 15 1
62-0120	Gear - Helical	3 15 1	62-1520	Cover - Knob	9 19 1
62-0170	Wheel - Index	8 41 1	62-1532	Shaft - Auger (28)	3 1 1
62-0180	Tang - Index	8 5 1	62-1640	Lever - Trip	9 12 1
62-0200	Gear - 27T	5 31 1	62-1650	Spring - Torsion	8 6 1
62-0210	Gear - 33T	5 43 1	62-1690	Cover - Detent	5 11 1
62-0220	Gear - 34T	5 30 1	62-1700	Lever - Lockout	8 19 1
62-0240	Gear - 45T	5 29 1	62-1710	Spring - Flat	8 16 1
62-0250	Gear - 29T	5 32 1	62-1720	Rod - Chute Gear	1 23 1
62-0260	Gear - 51T	5 42 1	62-1740	Bracket - Cable	5 7 1
62-0280	Latch - Lock	9 6 1	63-2030	Rod - Cross	9 27 1
62-0290	Cam - Release	9 4 1	63-2080	Cover - Belt (Upper)	1 28 1
62-0300	Tang - Locking	9 3 1	63-2112	Axle Assembly	7 29 1
62-0310	Key - Shift	6 56 2	63-2150	Frame - Control	8 23 1
62-0320	Sleeve	5 28 1	63-2160	Rod - Chute Crank	9 16 1
62-0330	Shaft - Intermediate	5 40 1	63-2170	Cover - Lever Lock	9 1 1
62-0340	Sleeve - Gear 19T	5 34 1	63-2180	Bracket - Gear	1 7 1
62-0350	Pinion - Bevel 19T	6 53 1	63-2190	Pin - Gearshift Link	5 15 1
62-0360	Gear - Compound 19T/41T	5 41 1	63-2200	Cable - Latch	8 39 1
62-0370	Gear - 41T	5 35 1	63-2210	Cable - Gearbox	8 38 1
62-0380	Hub - Pulley	6 52 1	63-2220	Spring - Extension	8 8 1
62-0430	Collar - Shift (Speed)	5 3 1	63-2230	Spring - Extension	8 21 1

*Not Illustrated

PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
63-2240	Spring - Extension	8 17 1	66-7690	Washer	25 3 1
63-2250	Bushing - Axle	7 26 2	66-7720	Rod - Latch	7 18 1
63-2270	Spring - Torsion	8 40 1	66-7730	Clevis	8 30 1
63-2280	Washer - Thrust	5 33 1	66-7740	Pivot Arm Assembly	7 23 2
63-2300	Retainer - Cable	1 26 1	66-7760	Blade - Scraper	2 45 1
63-2310	Decal - Hot Surface	4 * 1	66-7810	Shaft - Impeller	3 6 1
63-2320	Decal - Primer	4 14 1	66-7821	Plate - Side R.H.	1 3 1
63-2340	Decal - Throttle	4 13 1	66-7831	Plate - Side L.H.	2 46 1
63-2360	Decal - Choke	4 15 1	66-7850	Handlegrip	9 10 2
63-2460	Decal - Choke	4 * 1	66-7920	Impeller	2 50 1
63-2480	Decal - #2	8 10 1	66-7970	Drift Breaker Kit	10 * 1
63-2530	Decal - Panel Front	9 36 1	66-8010	Spacer	2 51 2
63-2550	Decal - Panel Top	9 * 1	66-8030	Transmission Assembly	4 22 1
63-2600	Bellcrank	5 20 1	66-8060	Pad - Brake	7 42 1
63-2610	Pin - Tang	8 9 1	66-8091	Handle - L.H.	9 29 1
63-2630	Bracket - Shift	8 33 1	66-8100	Panel - Control	9 13 1
63-2640	Joint - Ball	8 36 1	67-5870	Gear - Bevel 36T	6 57 1
63-2640	Joint - Ball	4 19 1	67-5880	Collar - Shift	6 58 1
63-2650	Screw - Shoulder	8 18 2	67-9240	Rod - Shift (Upper)	8 2 1
63-2670	Plate - Chute Retainer	1 10 3	67-9250	Retainer - Shift Rod	8 28 1
63-2700	Cable - Impeller	9 41 1	68-4140	Plate - R.H.	2 * 1
63-2710	Cable - Traction	9 40 1	68-4150	Plate - L.H.	2 34 1
63-2720	Spring - Extension	9 39 1	68-4310	Gear - 26T	6 47 1
63-2740	Spring - Torsion	7 36 1	68-4320	Sleeve - Shift	6 55 1
63-2752	Auger - R.H.	2 54 1	68-7110	Mount - Lamp	11 6 1
63-2762	Auger - L.H.	2 * 1	68-7140	Bolt - U	11 10 1
63-2820	Arm - Brake	7 2 1	68-7452	Auger - R.H.	2 * 1
63-2830	Rod - Shift (Lower)	8 34 1	68-7462	Auger - L.H.	2 * 1
63-2850	Bracket - Idler Arm	7 3 1	68-7510	Guide - Belt	4 8 1
63-2870	Spring - Extension	7 14 2	68-8410	Cover - Lower Belt	13 * 1
63-2881	Spring - Torsion	7 13 1	68-9210	Housing - Male	13 15 1
63-2890	Spring - Compression	5 9 1	68-9220	Housing - Female	13 8 1
63-2900	Washer - Plastic	1 17 2	68-9230	Shaft - Differential L.H.	13 12 1
63-2910	Spring - Torsion	9 7 1	68-9240	Shaft - Differential R.H.	13 16 1
63-2920	Spring - Extension	5 4 1	68-9250	Coupling - Differential	13 17 1
63-2930	Chain - Drive	4 21 1	68-9260	Spring - Lockout	13 2 1
63-2953	Belt - Traction	4 6 1	68-9270	Sprocket - 32T	13 10 1
63-2964	Belt - Impeller	4 4 1	68-9280	Gear Set	13 * 1
63-2990	Frame - Transmission	4 23 1	68-9310	Guard - Chain R.H.	13 13 1
63-3020	Guard - Chute	1 14 1	68-9390	Decal - Caution/Instructions	13 * 1
63-3040	Tire Chains Kit (Optional)	7 * 1	70-2220	Post - Corner L.H.	12 9 1
63-3050	Decal - Lever	9 25 1	70-2230	Post - Corner R.H.	12 19 1
63-3130	Clip - Chute Guard	1 12 1	70-2240	Cover - Nut	12 2 4
63-3290	Cover - Cable	1 29 1	70-2250	Frame - Top	12 5 1
63-3330	Cover - Lever	12 17 1	70-2260	Bow - Vertical	12 1 1
63-3340	Washer	7 22 4	70-2270	Bow - Horizontal	12 12 1
63-3380	Spacer - Traction Lever	9 22 1	71-1570	Gearcase Assembly - L.H.	3 13 1
63-3410	Bolt - Shoulder	5 13 1	74-1190	Weight Kit (Optional)	12 * 1
63-3420	Harness - Wire	9 * 1	74-1440	Skid Assembly	2 44 2
63-3450	Bearing - Impeller	2 39 1	74-1562	Auger Gearbox Assembly	2 53 1
63-3470	Decal - Warning	7 * 1	74-1580	Gearcase Assembly - R.H.	3 4 2
63-3470	Decal - Warning	9 * 1	218-15	Bulb - Sealed Beam	11 19 1
63-3470	Decal - Warning	25 25 1	218-461	Nut	25 1 1
63-3740	Decal - Danger Chute	1 20 1	218-473	Boot - Switch	11 1 1
63-8360	Key - Switch	9 20 1	218-552	Bucket - Headlamp	11 3 1
66-6210	Bracket - Base Attaching	12 16 1	218-553	Switch Assembly	11 2 1
66-6220	Bracket - Attaching R.H.	12 18 1	218-554	Bracket	11 4 1
66-6230	Bracket - Attaching L.H.	12 13 1	218-556	Bracket - U	11 16 1
66-6240	Clamp - U	12 15 2	218-575	Terminal	25 11 1
66-6820	Spacer - Tire Chain	7 * 2	2210-250	Screw	9 2 3
66-6840	Decal - Hot Surface	4 12 1	2210-250	Screw - Hex. Washer Hd.	4 16 1
66-6850	Decal - Panel Top	9 14 1	2210-307	Clamp	25 40 2
66-6860	Decal - Warning	9 38 1	231-123	Tire	7 34 2
66-6860	Decal - Warning	7 40 1	232-48	Tube - Inner	7 33 2
66-6980	Frame - Engine	2 31 1	241-127	Rim - Wheel	7 32 2
66-7600	Plate - Mounting	25 27 1	252-59	Washer - Thrust	5 2 3
66-7640	Decal Battery	25 38 1	252-71	Bearing - Thrust	3 5 2
66-7650	Harness - Wire	25 34 1	252-76	Bearing - Thrust	3 9 1
66-7660	Decal	25 4 1	252-78	Washer - Thrust	3 8 2
66-7680	Adapter - Switch	25 5 1	252-80	Washer - Thrust	7 27 4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
252-80	Washer - Thrust	2 36 1	3274-82	Screw - Hex. Socket Hd.	13 3 4
253-149	Seal - Input	3 11 1	3290-243	Pin - Klik	7 38 2
256-237	Bushing - Sleeve	3 3 2	3290-320	Nut - Push	8 15 1
256-296	Bushing - Nyliner	8 31 2	3290-320	Nut - Push	9 18 3
257-9	Washer - Thrust	8 14 1	3290-326	Nut - Push	1 15 2
257-10	Washer - Thrust	5 39 4	3290-359	Screw	9 28 1
281-1	Plug - Pipe Sq. Hd.	3 14 1	3290-378	Tie - Cable	9 30 3
283-3	Pin - Clevis	5 19 1	3290-378	Tie Wrap	25 * 5
288-10	Cap - Pipe	4 9 1	3290-378	Tie Wrap	11 9 2
289-36	Nipple - Pipe	25 23 1	3290-422	Nut - Push	8 4 1
289-45	Pipe - Oil Drain	4 10 1	3290-456	Washer - Belleville	8 37 1
2811-3	Fitting - 45°	25 24 1	3290-461	Washer - Belleville	7 16 2
321-2	Screw - Hex. Hd.	25 15 2	3290-461	Washer - Belleville	4 24 4
321-3	Screw - Hex Hd.	2 60 8	3290-476	Fastener - Panel	7 37 1
321-4	Screw - Cap Hex. Hd.	12 4 14	3290-477	Washer - Curved	5 14 1
321-6	Screw - Cap Hex. Hd.	12 10 2	3296-2	Nut - Lock	24 *{ 3
321-9	Screw - Cap Hex. Hd.	8 29 1	3296-2	Nut - Lock	1 9 4
321-11	Screw - Cap Hex. Hd.	12 14 2	3296-2	Nut - Lock	9 23 1
321-15	Screw - Cap Hex Hd.	6 54 1	3296-23	Nut - Lock	7 25 2
321-44	Screw - Hex. Hd.	2 52 2	3296-29	Nut	25 14 6
322-11	Screw	25 30 2	3296-29	Nut - Lock	10 3 6
322-13	Screw - Hex. Flange Hd.	11 15 1	3296-29	Nut - Lock	11 12 2
323-6	Screw - Hex Hd.	1 1 2	3296-29	Nut - Lock	8 25 7
323-7	Screw - Hex Hd.	7 8 2	3296-29	Nut - Lock	2 37 12
3210-1	Screw - Hex Hd.	4 26 2	3296-39	Nut - Lock	7 15 2
3212-8	Screw - Hex. Hd.	4 1 1	3296-39	Nut - Lock	4 20 1
3217-6	Nut - Hex.	13 9 4	3296-39	Nut - Lock	8 32 1
3217-7	Nut - Hex.	11 8 1	3296-42	Nut	25 16 2
3219-14	Nut	25 13 1	3296-42	Nut	9 42 4
3220-3	Nut - Jam	8 35 2	3296-42	Nut - Lock	7 4 1
3230-1	Bolt - Carriage	10 5 4	3296-42	Nut - Lock	5 23 1
3230-2	Bolt - Carriage	1 8 1	3296-42	Nut - Lock	8 26 1
3230-16	Bolt - Carriage	10 1 2	3296-42	Nut - Lock	2 49 10
3230-23	Screw - Carriage	2 48 10	3296-47	Nut - Lock	13 11 4
3231-2	Bolt - Carriage	11 17 1	3296-47	Nut - Lock	9 37 4
3234-5	Screw	25 31 2	3296-47	Nut - Lock	7 39 2
3234-5	Screw - Hex. Washer Hd.	2 33 10	3296-47	Nut - Lock	2 47 12
3234-7	Screw - Hex Flange Hd.	4 18 4	3296-59	Nut - Lock	7 7 2
3234-7	Screw - Hex Flange Hd.	9 26 6	32104-71	Screw - Pan Hd.	5 12 1
3234-7	Screw - Hex Flange Hd.	7 41 2	32104-76	Screw - Self Tapping	9 34 2
3234-13	Screw - Hex. Hd.	7 5 1	32104-95	Screw - Hex Washer Hd.	5 21 2
3234-17	Screw	25 29 2	32104-118	Screw - Pan Hd.	8 11 2
3234-28	Screw - Hex Flange Hd.	1 4 10	32104-118	Screw - Pan Hd.	9 35 2
3242-4	Screw - Set Sq. Hd.	1 25 2	32104-121	Screw - Hex Flange Hd.	7 31 3
3252-6	Screw - Cap Socket Hd.	24 *{ 3	32120-46	Ring - Retaining	7 1 2
3253-4	Washer - Lock	4 27 2	32120-46	Ring - Retaining	8 13 1
3253-6	Washer - Lock	4 2 1	32120-93	Ring - Retaining	13 14 2
3253-21	Washer - Lock	11 7 1	32121-9	Pin - Roll	7 19 2
3254-1	Washer - Lock	25 12 1	32121-50	Pin - Roll	9 31 2
3254-5	Washer - Lock	25 2 1	32121-106	Pin - Coil	5 6 3
3255-8	Washer - Lock	11 5 2	32122-32	Screw	1 18 1
3256-1	Washer - Flat	12 8 4	32128-20	Nut - Lock	4 17 4
3256-1	Washer - Flat	7 21 2	32128-32	Nut - Flange Lock	6 51 1
3256-1	Washer - Flat	8 27 2	32128-35	Nut - Flange Lock	11 18 1
3256-14	Washer - Flat	1 16 1	32144-4	Screw - Hex Flange Hd.	1 27 6
3256-23	Washer - Flat	11 11 2	32144-4	Screw - Hex Flange Hd.	7 20 2
3256-23	Washer - Flat	8 24 3	32144-4	Screw - Self Tapping	5 8 2
3256-23	Washer - Flat	2 42 1	32144-10	Screw	25 9 2
3256-58	Washer - Fender	12 11 4	32144-73	Screw - Hex. Washer Hd.	13 1 1
3256-61	Washer - Flat	1 21 1	32144-86	Screw - Hex Washer Hd.	5 25 6
3257-10	Key - Woodruff	3 12 1	32144-110	Screw - Hex Washer Hd.	3 17 9
3257-23	Key - Woodruff	2 35 1	32151-33	Ring - Snap	3 7 1
3257-41	Key - Woodruff	13 4 2	32151-66	Ring - Retaining	9 5 1
3269-23	Rivet	2 30 4	32153-4	Nut - Lock	12 3 18
3272-1	Pin - Cotter	5 17 1	505-101	Grease - 14.5 oz. Cartridge	6 * 1
3274-13	Screw - Machine	1 13 3	505-129	Sealant - 100g Tube	3 * 1

*Not Illustrated

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.

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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