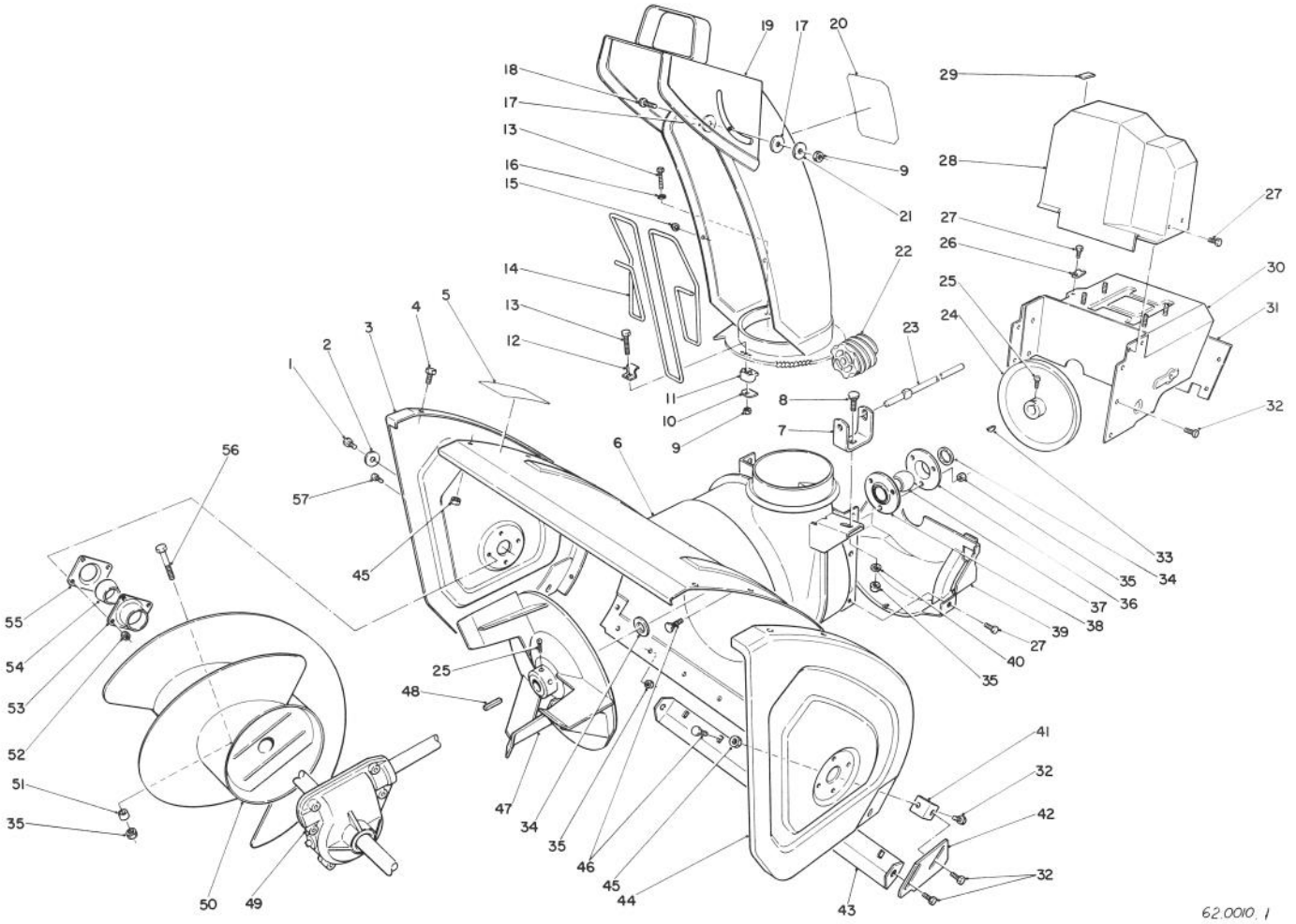
FORM NO. 3313-282 Rev. A

TORO®

MODEL NO. 38580-8000001 & UP
MODEL NO. 38565-8000001 & UP

PARTS CATALOG

1132 SNOWTHROWER



HOUSING & CHUTE ASSEMBLY

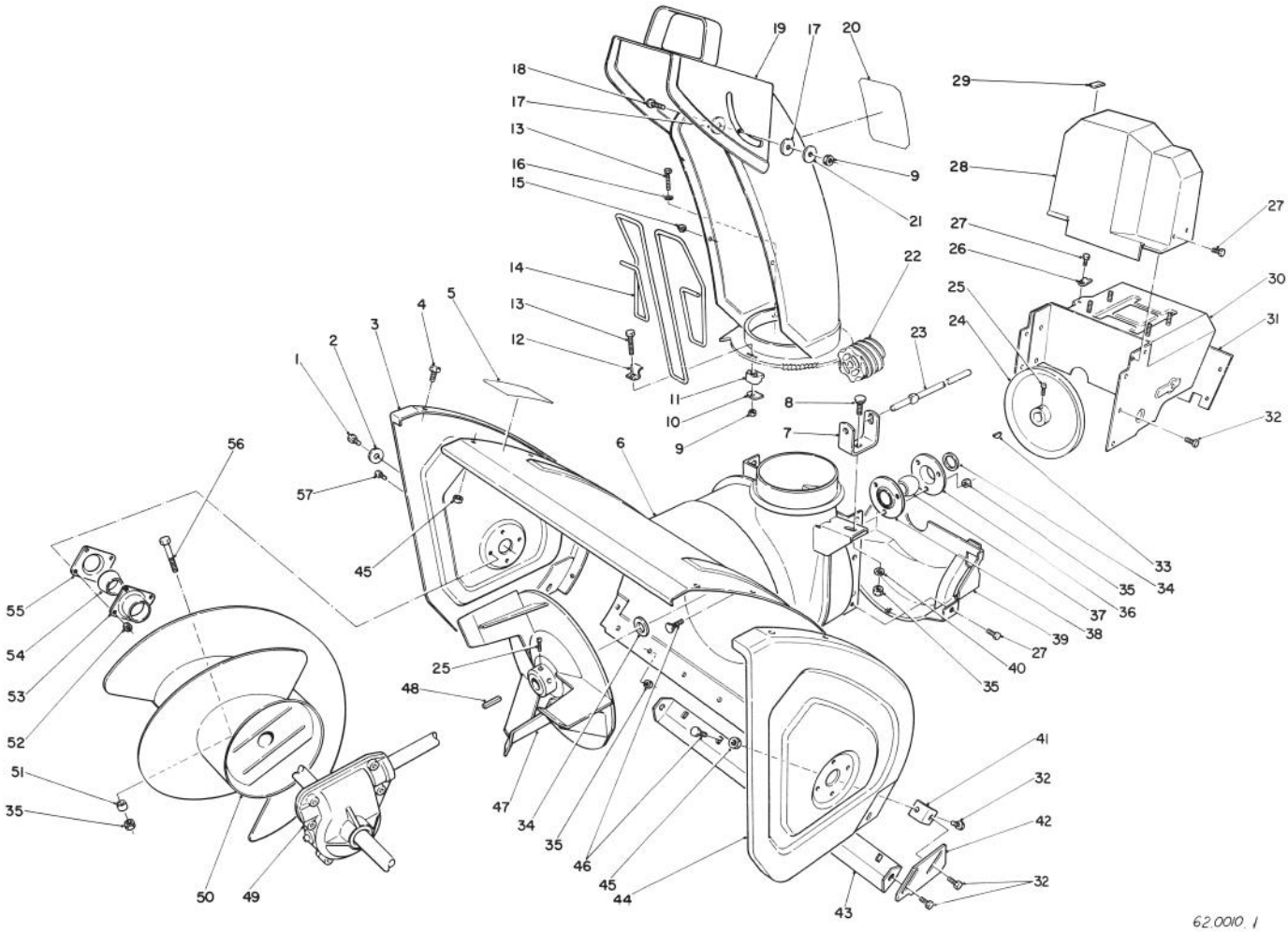
Ref. No.	Part No.	Description	No. Used
1	323-6	Screw — Cap Hex Hd.	2
2	3-0750	Washer — Retaining	2
3	62-0600	Plate — Side R.H.	1
4	3234-28	Screw — Hex Flange Hd.	10
5	53-7670	Decal — Danger Auger	1
6	62-0722	Housing — 32"	1
7	63-2180	Bracket — Gear	1
8	3230-2	Bolt — Carriage	1
9	3296-2	Nut — Lock	4
10	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

Ref. No.	Part No.	Description	No. Used
16	3256-14	Washer — Flat	1
17	63-2900	Washer — Plastic	2
18	32122-32	Screw	1
19	62-0840	Chute Assembly	1
20	63-3740	Decal — Danger Chute (Model No. 38580)	1
*	53-7660	Decal — Danger Chute (Model No. 38565)	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.	4
26	63-2300	Retainer — Cable	1
27	32144-4	Screw — Hex Flange Hd.	6

* Not Illustrated

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PRICE $1.00

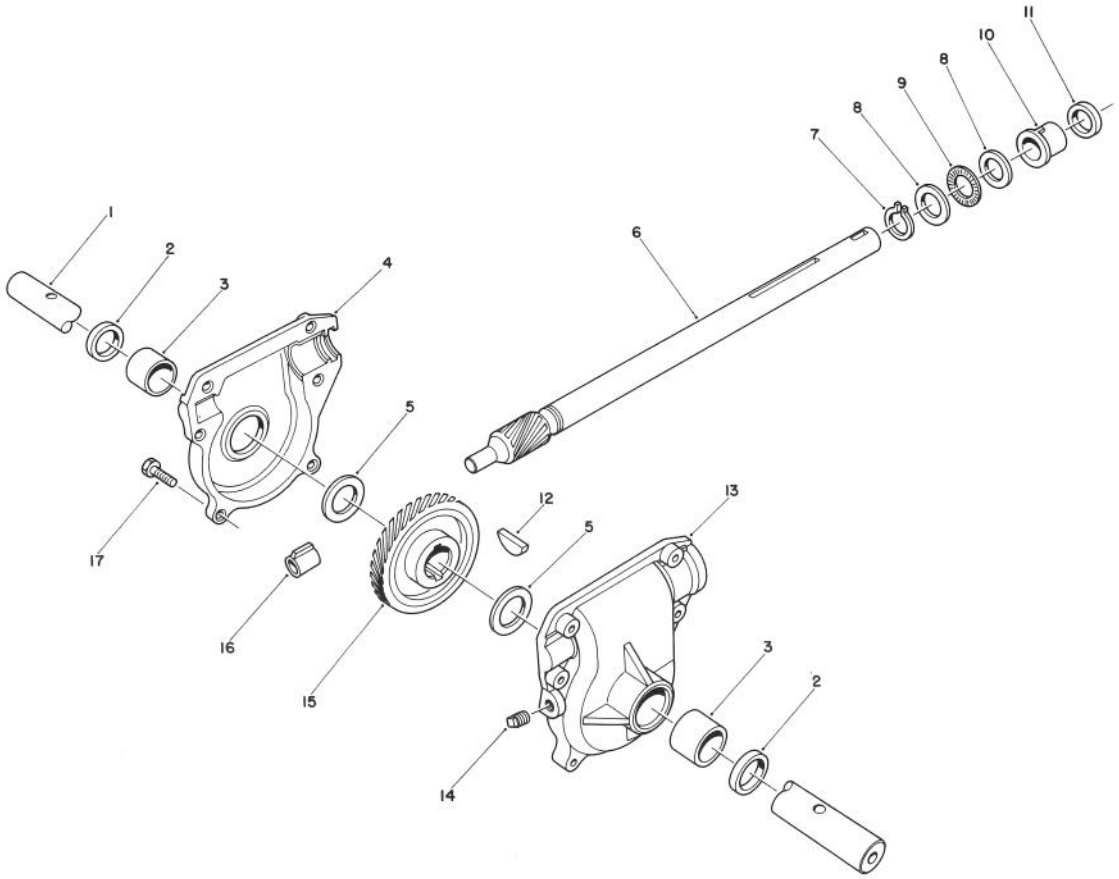


HOUSING & CHUTE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
28	63-2080	Cover — Belt (Upper)	1
29	63-3290	Cover — Cable	1
30	62-0744	Frame — Engine	1
31	62-1440	Cover — Engine Frame	1
32	3234-7	Screw — Hex Washer Hd.	12
33	3257-23	Key — Woodruff	1
34	252-80	Washer — Thrust	2
35	3296-29	Nut — Lock	14
36	26-6120	Flange — Bearing (Rear)	1
37	63-3450	Bearing — Impeller	1
38	26-6110	Flange — Bearing (Front)	1
39	62-1400	Cover — Belt (Lower)	1
40	3256-23	Washer — Flat	1
41	62-1240	Bracket — Skid	2
42	62-0980	Plate — Skid L.H.	1
*	62-0990	Plate — Skid R.H.	1

Ref. No.	Part No.	Description	No. Used
43	62-0672	Blade — Scraper	1
44	62-0590	Plate — Side L.H.	1
45	3296-47	Nut — Lock	12
46	3230-23	Screw — Carriage	11
47	63-2590	Impeller	1
48	6-8590	Key — Impeller	1
49	62-0442	Auger Gearbox Assembly	1
50	63-2752	Auger — R.H.	1
*	63-2762	Auger — L.H.	1
51	25-5090	Spacer — Auger Hub	2
52	32152-4	Nut — Lock	8
53	20-0990	Flange — Bearing (Inner)	2
54	20-0980	Bearing — Auger	2
55	20-1000	Flange — Bearing (Outer)	2
56	17-7030	Bolt — Auger	2
57	321-3	Screw — Cap Hex Hd.	8

* Not Illustrated

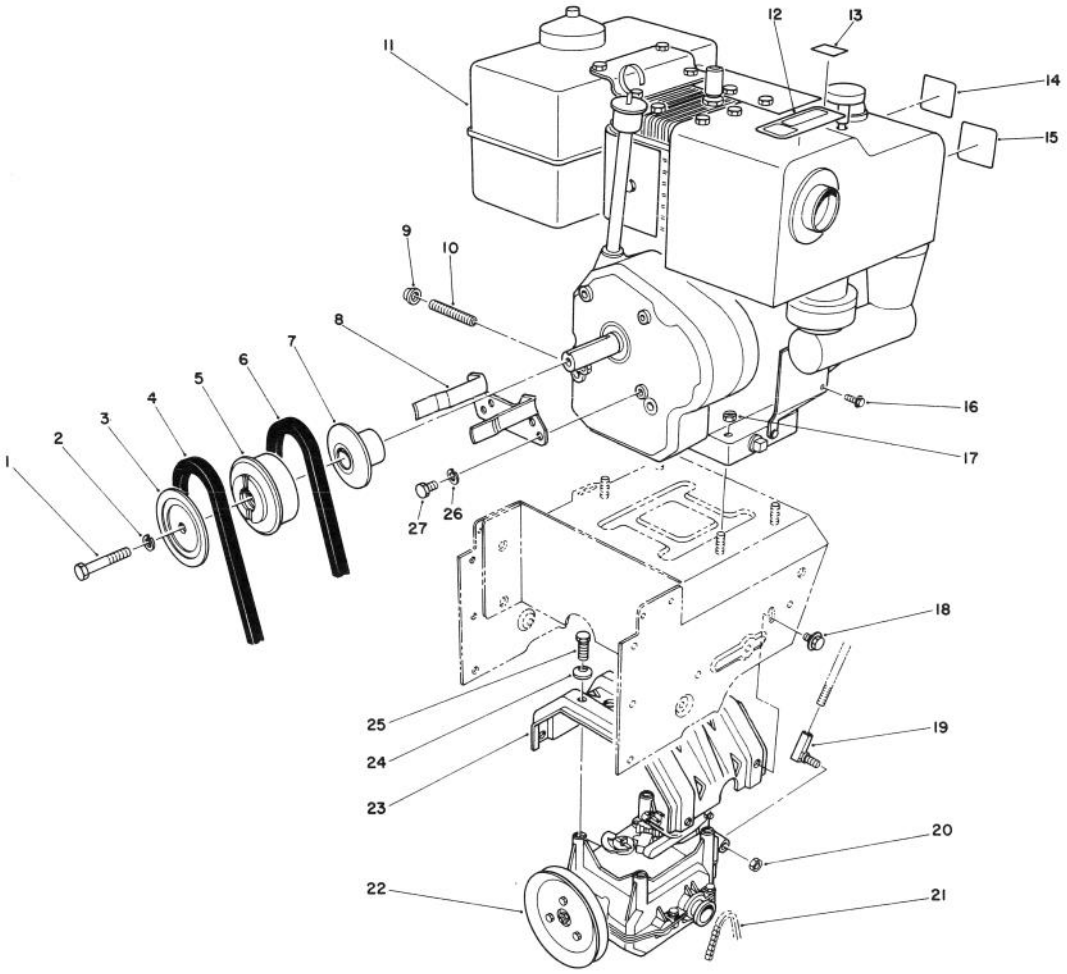


1,13,135,2

32" AUGER GEARCASE ASSEMBLY NO. 62-0442

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	62-1420	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	32144-22	Screw — Hex Washer Hd.	6

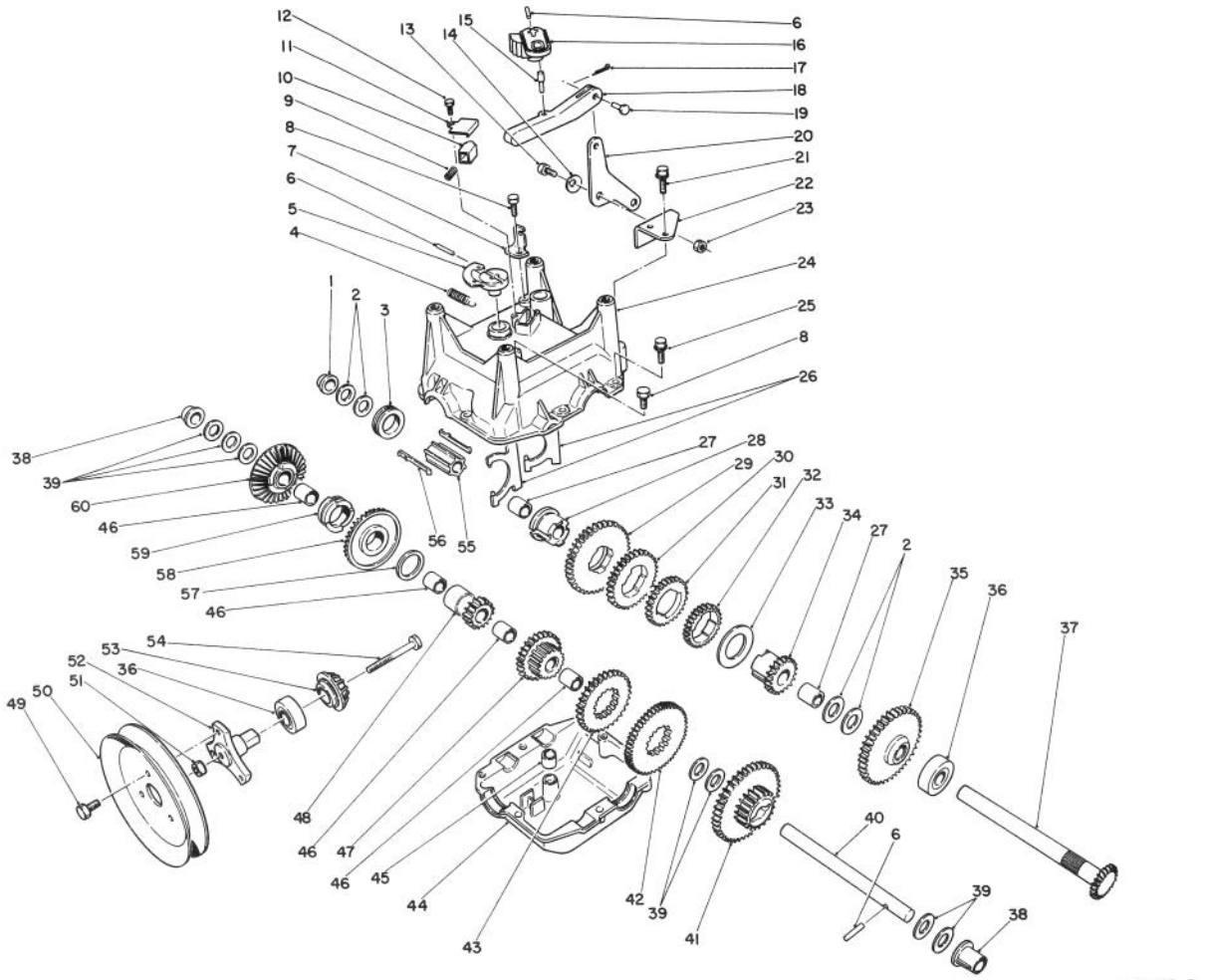


ENGINE ASSEMBLY

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	63-2970	Guide — Belt	1
9	288-4	Cap — Pipe	1
10	289-20	Nipple — Pip	1
†11		Engine — Briggs & Stratton Model No. 252416 Type No. 0749-01 (Model 38565)	1
†11		Engine — Briggs & Stratton Model No. 252416 Type No. 0755-01 (Model 38580)	1
12	62-7290	Decal — Hot Surface (Model No. 38580)	1
*	63-2310	Decal — Hot Surface (Model No. 38565)	1

Ref. No.	Part No.	Description	No. Used
13	63-2360	Decal — Choke (Model No. 38580)	1
*	63-2460	Decal — Choke (Model No. 38565)	1
14	63-2320	Decal — Primer	1
15	63-2340	Decal — Throttle	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	3296-6	Nut — Lock	1
21	63-2930	Chain — Drive	1
22	62-0190	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

† Obtain from your local Briggs & Stratton Dealer.
* Not Illustrated.

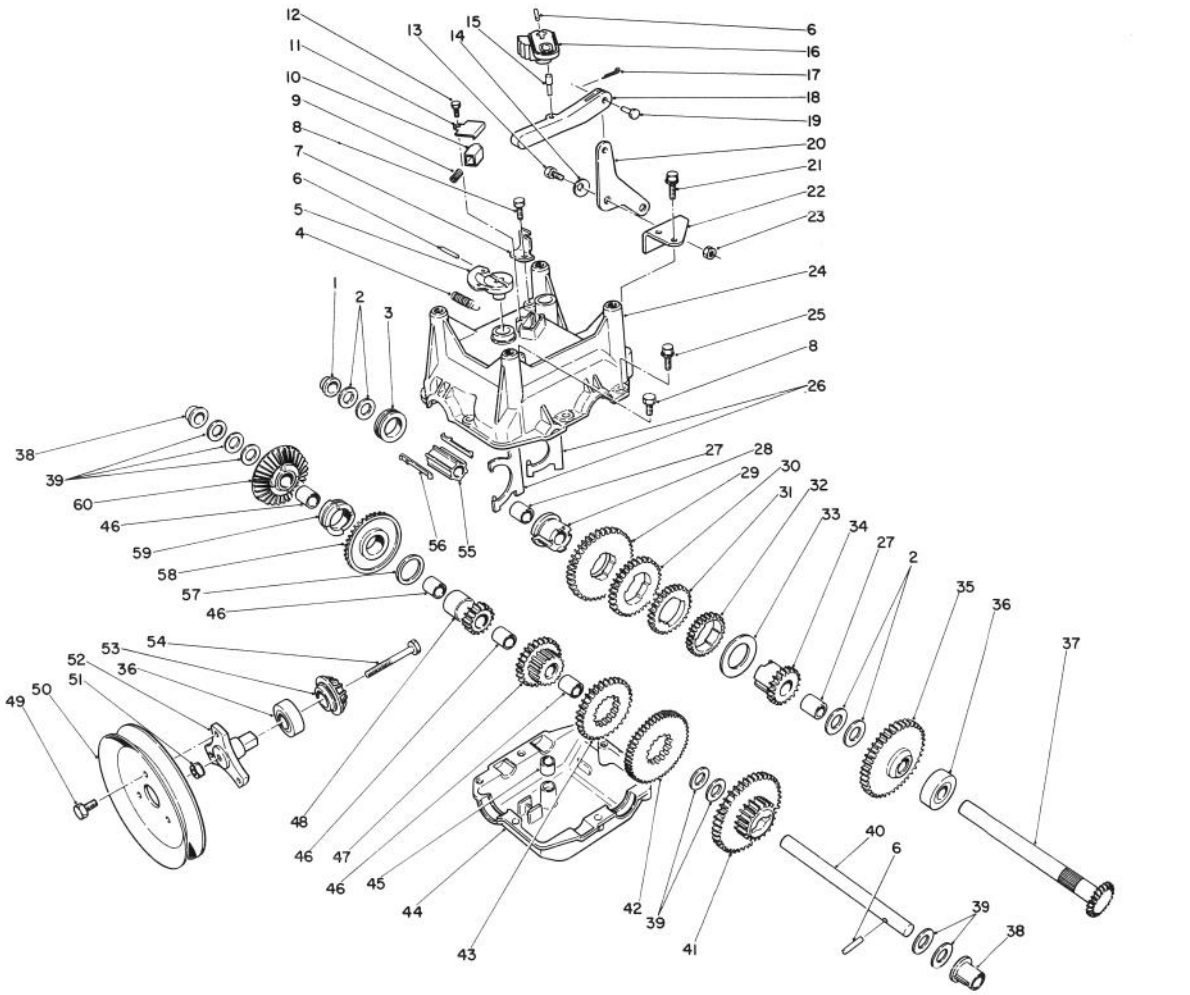


1,13,135,7

TRANSMISSION ASSEMBLY NO. 62-0190

Ref. No.	Part No.	Description	No. Used
1	62-1180	Bushing — Output (Flange)	1
2	252-59	Washer — Thrust	4
3	62-0430	Collar — Shift (Speed)	1
4	63-2920	Spring — Extension (F/R Return)	1
5	62-0880	Lever — Direction Shift	1
6	32121-106	Pin — Coil	3
7	62-1740	Bracket — Cable	1
8	32144-4	Screw — Self Tapping	2
9	63-2890	Spring — Compression (Detent)	1
10	62-1020	Button — Detent	1
11	62-1690	Cover — Detent	1
12	32104-71	Screw — Pan Hd.	1
13	63-3410	Bolt — Shoulder	1
14	3290-477	Washer — Curved	1
15	63-2190	Pin — Gearshift Link	1
16	62-0870	Lever — Gear Shift	1
17	3272-1	Pin — Cotter	1
18	62-0860	Link — Gearshift	1
19	283-3	Pin — Clevis	1
20	63-2600	Bellcrank	1
21	32104-95	Screw — Hex Washer Hd.	2

Ref. No.	Part No.	Description	No. Used
22	62-1190	Bracket — Bellcrank	1
23	3296-42	Nut — Lock	1
24	62-0490	Gear Case — Upper	1
25	32144-22	Screw — Hex Washer Hd.	6
26	62-1040	Yoke — Shift	2
27	62-1350	Bushing — Output	2
28	62-0320	Sleeve	1
29	62-0240	Gear — 45T	1
30	62-0220	Gear — 34T	1
31	62-0200	Gear — 27T	1
32	62-0250	Gear — 29T	1
33	63-2280	Washer — Thrust	1
34	62-0340	Sleeve — Gear 19T	1
35	62-0370	Gear — 41T	1
36	38-7820	Bearing — Ball	2
37	62-1080	Shaft — Output	1
38	62-1170	Bushing — Flange	2
39	257-10	Washer — Thrust	7
40	62-0330	Shaft — Intermediate	1
41	62-0360	Gear — Compound 19T/41T	1
42	62-0260	Gear — 51T	1
43	62-0210	Gear — 33T	1
44	62-0480	Gear Case — Lower	1

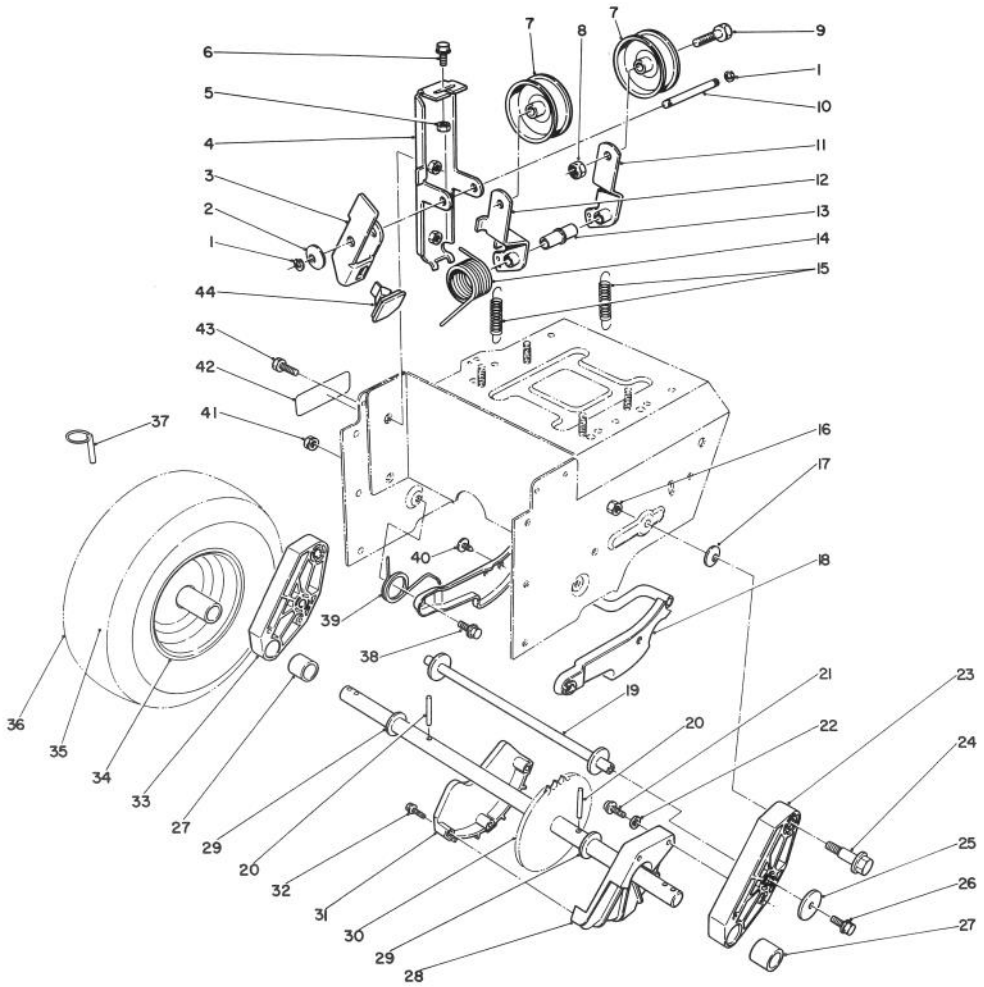


1,13,135,7

TRANSMISSION ASSEMBLY NO. 62-0190 (Continued)

Ref. No.	Part No.	Description	No. Used
45	29-9570	Bushing — Yoke	1
46	62-1160	Bushing — Intermediate	4
47	62-0230	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

Ref. No.	Part No.	Description	No. Used
53	62-0350	Pinion — Bevel 19T	1
54	321-15	Screw — Cap Hex Hd.	1
55	62-1030	Sleeve — Shift	1
56	62-0310	Key — Shift	2
57	63-2290	Washer — Thrust	1
58	62-0400	Gear — Bevel 36T	1
59	62-0390	Collar — Shift	1
60	62-0410	Gear — Bevel Reverse 36T	1



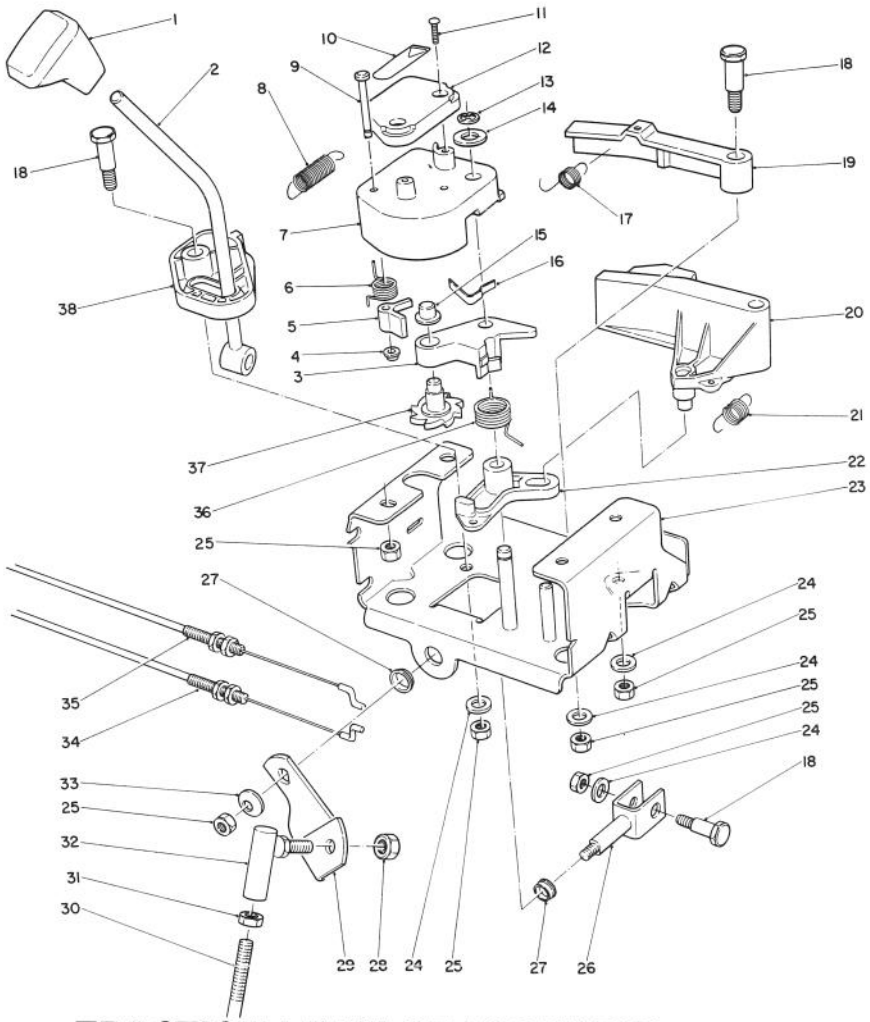
62,0010,6

TRACTION DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32120-46	Ring — Retaining	2
2	3290-477	Washer — Belleville	1
3	63-2820	Arm — Brake	1
4	63-2850	Bracket — Idler Arm	1
5	3296-42	Nut — Lock	1
6	3234-13	Screw — Cap Hex Hd.	1
7	3-4244	Pulley — Idler	2
8	3296-59	Nut — Lock	2
9	323-7	Screw — Cap Hex Hd.	2
10	62-0970	Pin — Idler	1
11	62-1260	Arm — Traction Idler	1
12	62-1280	Arm — Impeller Idler	1
13	62-1210	Bushing — Idler	1
14	63-2881	Spring — Torsion	1
15	63-2870	Spring — Extension	2
16	3296-39	Nut — Lock	2
17	3290-461	Washer — Belleville	2
18	62-0470	Latch — Arm	1
19	63-3440	Tube — Pivot	1
20	32121-9	Pin — Roll	2
21	32144-4	Screw — Hex Flange Hd.	2
22	3256-1	Washer — Flat	2
23	62-0150	Pivot Arm Assembly L.H. (Incl. Ref. #27)	1
24	62-1330	Bolt — Shoulder	2
25	63-3360	Washer	2

Ref. No.	Part No.	Description	No. Used
26	32144-41	Screw — Cap Hex Hd.	2
27	63-2250	Bushing — Axle	2
28	62-1010	Guard — Chain L.H.	1
29	252-80	Washer — Thrust	2
30	63-2112	Axle Assembly	1
31	62-1000	Guard — Chain R.H.	1
32	32104-118	Screw — Hex Flange Hd.	3
33	63-3150	Pivot Arm Assembly R.H. (Incl. Ref. #27)	1
34	241-125	Rim — Wheel	2
35	232-48	Tube — Inner	2
36	231-123	Tire	2
37	3290-243	Pin — Klik	2
38	5-2490	Bolt — Shoulder	2
39	63-2740	Spring — Torsion	1
40	3290-476	Fastener — Panel	1
41	3296-47	Nut — Lock	2
42	63-3460	Decal — Adjustment (Model No. 38580)	1
*	63-3470	Decal — Adjustment (Model No. 38565)	1
43	3234-7	Screw — Hex Flange Hd.	2
44	40-8140	Pad — Brake	1
*	62-1090	Wheel & Tire Assembly (Incl. Ref. #34-36)	1

* Not Illustrated

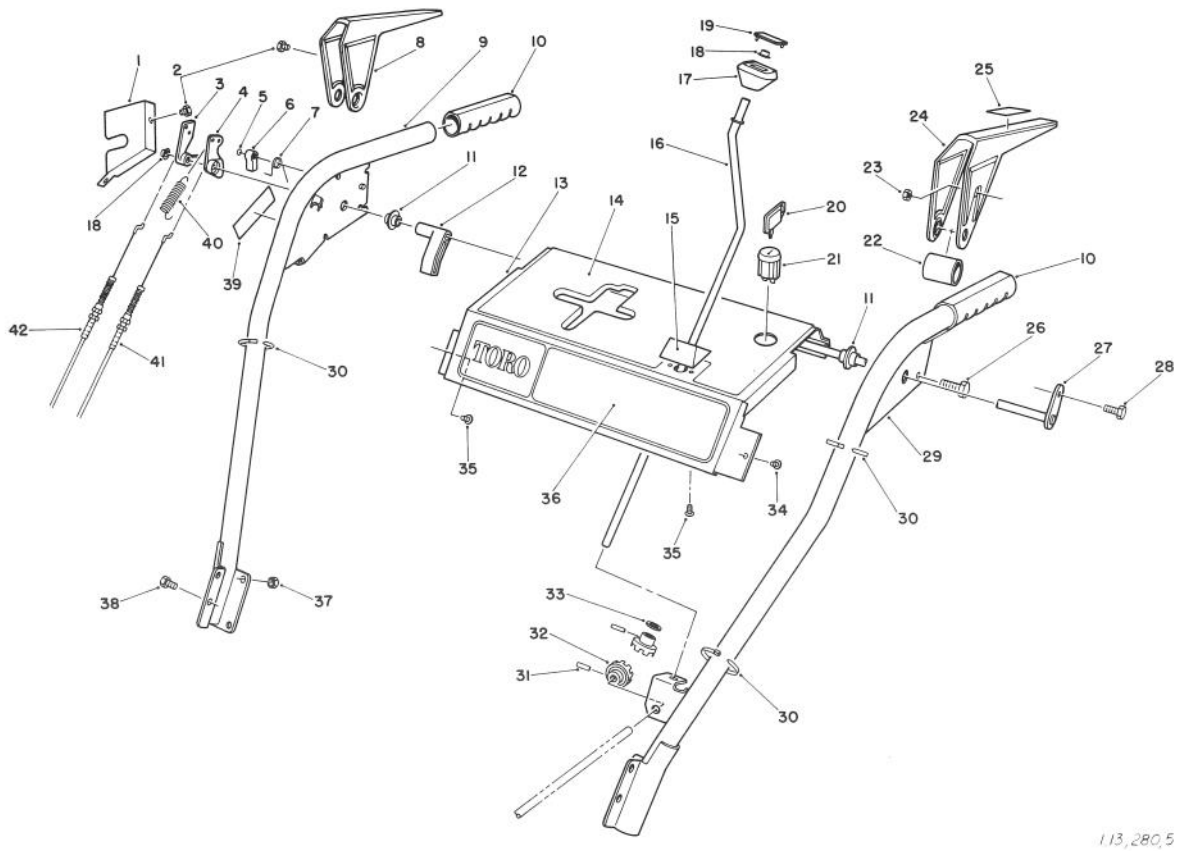


62-0010-4

TRACTION LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62-1290	Knob — Shift	1
2	62-1580	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	3
19	62-1700	Lever — Lockout	1

Ref. No.	Part No.	Description	No. Used
20	62-1130	Lever — Reverse	1
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	4
25	3296-29	Nut — Lock	8
26	62-1610	Clevis	1
27	256-296	Bushing — Nyliner	2
28	3296-6	Nut — Lock	1
29	63-2630	Bracket — Shift	1
30	63-2830	Rod — Shift (Lower)	1
31	3220-3	Nut — Jam	2
32	63-2640	Joint — Ball	1
33	3290-456	Washer — Belleville	1
34	63-2210	Cable — Gearbox	1
35	63-2200	Cable — Latch	1
36	63-2270	Spring — Torsion	1
37	62-0170	Wheel — Index	1
38	62-1470	Base — Lockout	1



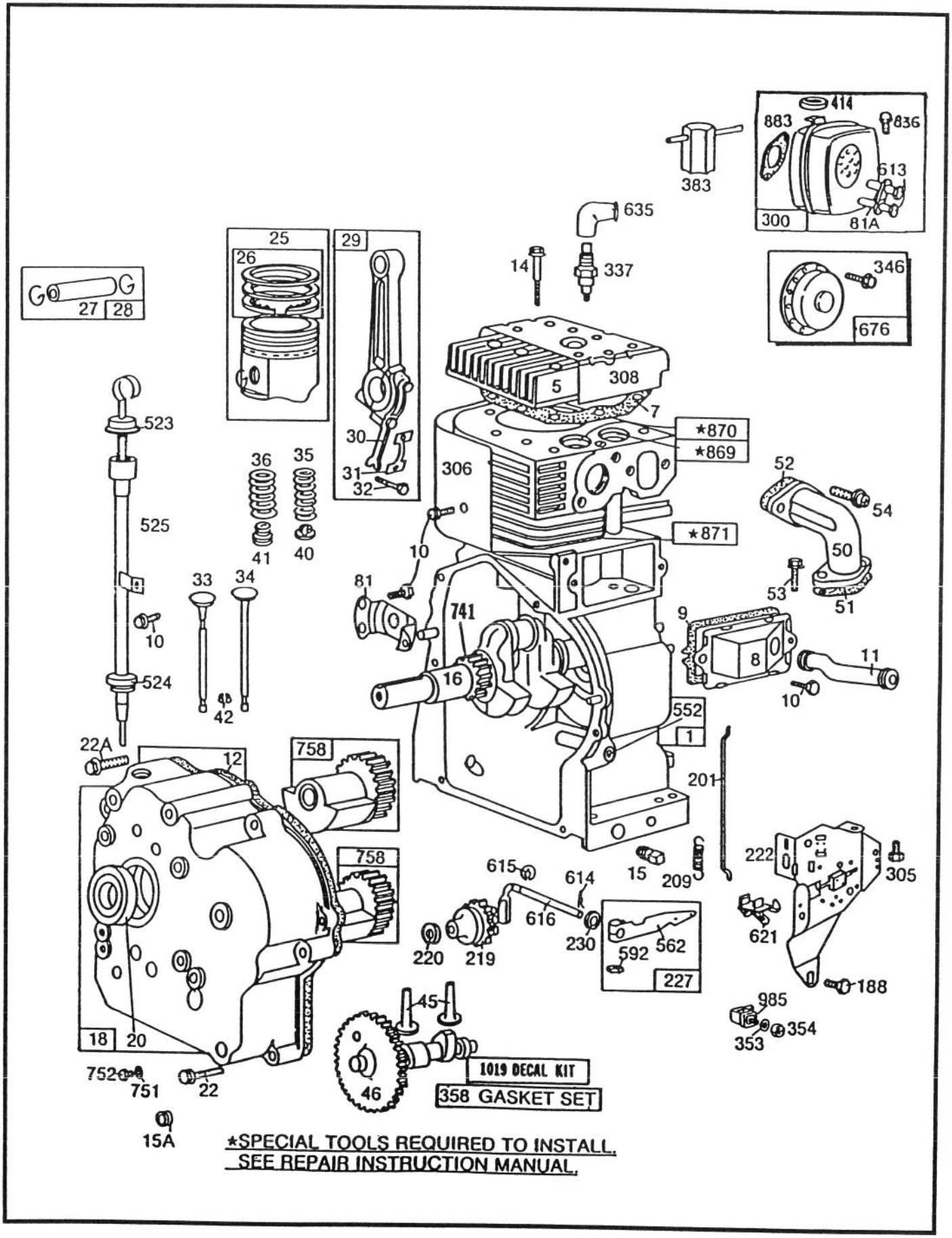
HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-2170	Cover — Lever Lock	1
2	2210-250	Screw	3
3	62-0300	Tang — Locking	1
4	62-0290	Cam — Release	1
5	32151-66	Ring — Retaining	1
6	62-0280	Latch — Lock	1
7	63-2910	Spring — Torsion	1
8	62-1050	Lever — Impeller	1
9	62-1381	Handle — R.H.	1
10	62-1480	Handlegrip	2
11	62-1070	Bushing — Lever	2
12	62-1640	Lever — Trip	1
13	63-2000	Panel — Control	1
14	63-2540	Decal — Panel Top (Model No. 38580)	1
*	63-2550	Decal — Panel Top (Model No. 38565)	1
15	62-1490	Plate — Guide	1
16	63-2160	Rod — Chute Crank	1
17	62-1320	Knob — Chute Control	1
18	3290-320	Nut — Push	2
19	62-1520	Cover — Knob	1
20	62-7770	Key — Switch	1
21	40-5940	Switch — On/Off	1
22	63-3380	Spacer — Traction Lever	1
23	3296-2	Nut — Lock	1

Ref. No.	Part No.	Description	No. Used
24	62-1060	Lever — Traction	1
25	63-3050	Decal — Lever (Model No. 38580)	1
*	63-3060	Decal — Lever (Model No. 38565)	1
26	3234-29	Screw — Hex Flange Hd.	2
27	63-2030	Rod — Cross	1
28	3290-359	Screw	1
29	62-1391	Handle — L.H.	1
30	3290-378	Tie — Cable	3
31	32121-50	Pin — Roll	2
32	62-1460	Gear — Universal	2
33	62-1230	Washer — Rubber	1
34	32104-76	Screw — Self Tapping	2
35	32104-118	Screw — Pan Hd.	2
36	63-2530	Decal — Panel Front	1
37	3296-47	Nut — Lock	4
38	3234-7	Screw — Hex Flange Hd.	4
39	63-3460	Decal — Adjustment (Model No. 38580)	1
*	63-3470	Decal — Adjustment (Model No. 38565)	1
40	63-2720	Spring — Extension	1
41	63-2710	Cable — Traction	1
42	63-2700	Cable — Impeller	1
*	63-3420	Harness — Wire	1

* Not Illustrated

ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0755-01 (MODEL 38580)



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

Assemblies include all parts shown in frames.

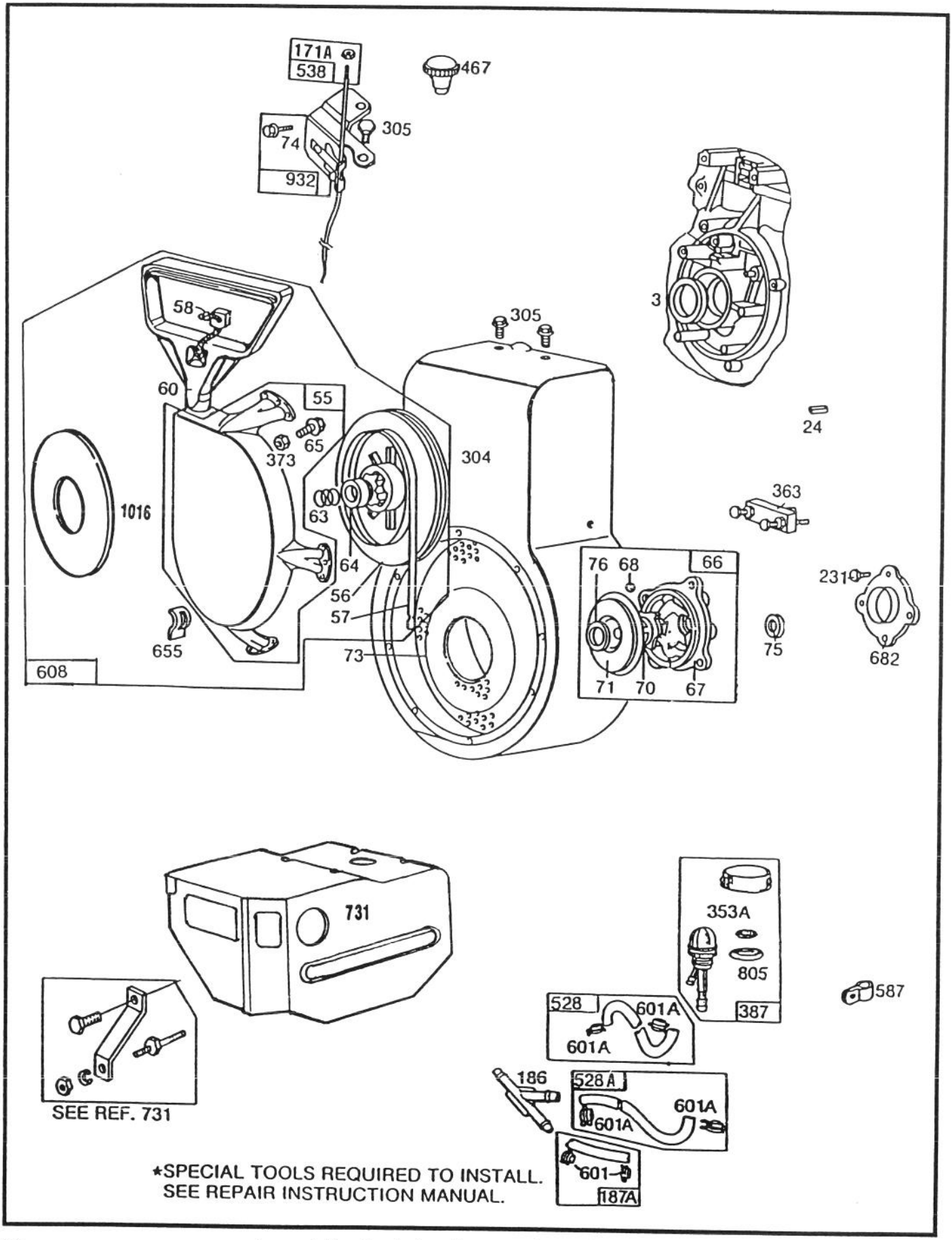
ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0755-01 (MODEL 38580)

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 — Sem	1
11	280112	Tube — Breather	1
*12	271704	Gasket — Crankcase Cover, 1/64" thick	1
*	270857	Gasket — Crankcase Cover, .005" thick	1
*	270858	Gasket — Crankcase Cover, .009" thick	1
14	93723	Screw — Cylinder Head (3" long)	6
		Note: 93211 Screw — Cylinder Head (2-21/32" long)	
15	91084	Plug — Oil Drain	1
15A	93418	Plug — Hex Socket	1
16	399688	Crankshaft	1
		Note: To Replace Crankshaft Gear Key, Order Part No. 94196	
18	391747	Cover Assembly — Crankcase	1
20	291675	Seal — Oil	1
22	93585	Screw — Crankcase Cover Mtg. Sem	1
		Note: 93730 Stud — Crankcase Cover Mtg. 90366 Washer — Lock 91397 Nut — Hex 5/16"	
22A	93764	Screw — Crankcase Cover Mounting (2-1/8" long)	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
		PISTON RING SETS:	
		Note: For Chrome Ring Set — Standard Size — Order No. 392331	
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.)	1
27	260924	Lock — Piston Pin	1
28	299691	Pin Assembly — Piston (Std.)	1
	391286	Pin Assembly — Piston (.005" OS.)	1
29	391816	Rod Assembly — Connecting	1
		Note: For Connecting Rod with .020" Undersize Crankpin Bore — Order No. 393712	
30	222329	Dipper — Connecting Rod	1
31	222299	Lock — Connecting Rod Screw	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

Ref. No.	Part No.	Description	No. Used
40	221596	Retainer — Intake Valve	1
41	292260	Rotocoil — Exhaust Valve	1
42	93630	Retainer — Exhaust Valve Rotocoil	2
45	261183	Tappet — Valve	1
46	212897	Gear — Cam	1
50	490051	Elbow — Intake	1
†*51	270267	Gasket — Carburetor Mtg.	1
†*52	270872	Gasket — Intake Elbow Mtg.	1
53	93415	Screw — Carburetor Mtg. Sem	1
54	93208	Screw — Intake Elbow Mtg. Sem	2
81	222407	Retainer — Counterweight	1
81A	223016	Lock — Screw	1
188	93535	Screw — Sem	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	Lever Assy. — Governor	1
230	222450	Washer — Governor Crank	1
300	491626	Muffler — Exhaust	1
305	93158	Screw — Sem	1
306	222744	Shield — Cylinder	1
308	222306	Cover — Cylinder Head	1
337	293918	Plug — Spark (Resistor Type — 1-1/2" high, 37 M.M.)	1
346	93705	Screw — Sem	1
353	92791	Washer — Lock	1
354	90576	Nut — Hex, 8-32	1
358	391834	Gasket Set	1
383	89838	Wrench — Spark Plug	1
414	231109	Spacer — Muffler	1
523	392295	Cap and Dipstick — Oil Filler	1
524	68838	Seal — Filler Tube	1
525	392283	Tube — Oil Filler	1
552	231056	Bushing — Governor Crank	1
562	92613	Bolt — Governor Lever	1
592	231082	Nut — Hex, 10-24	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
635	66538	Elbow — Spark Plug	1
676	396903	Deflector — Exhaust (Direct Outlet)	1
741	262135	Gear — Timing	1
751	22355	Washer — Flat	1
752	93554	Screw — Plug	1
758	391481	Counterweight & 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 (Label) Kit	1

* Included in Gasket Set — Part No. 391834.
† Included in Carburetor Overhaul Kit — See Ref. 121.

ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0755-01 (MODEL 38580)



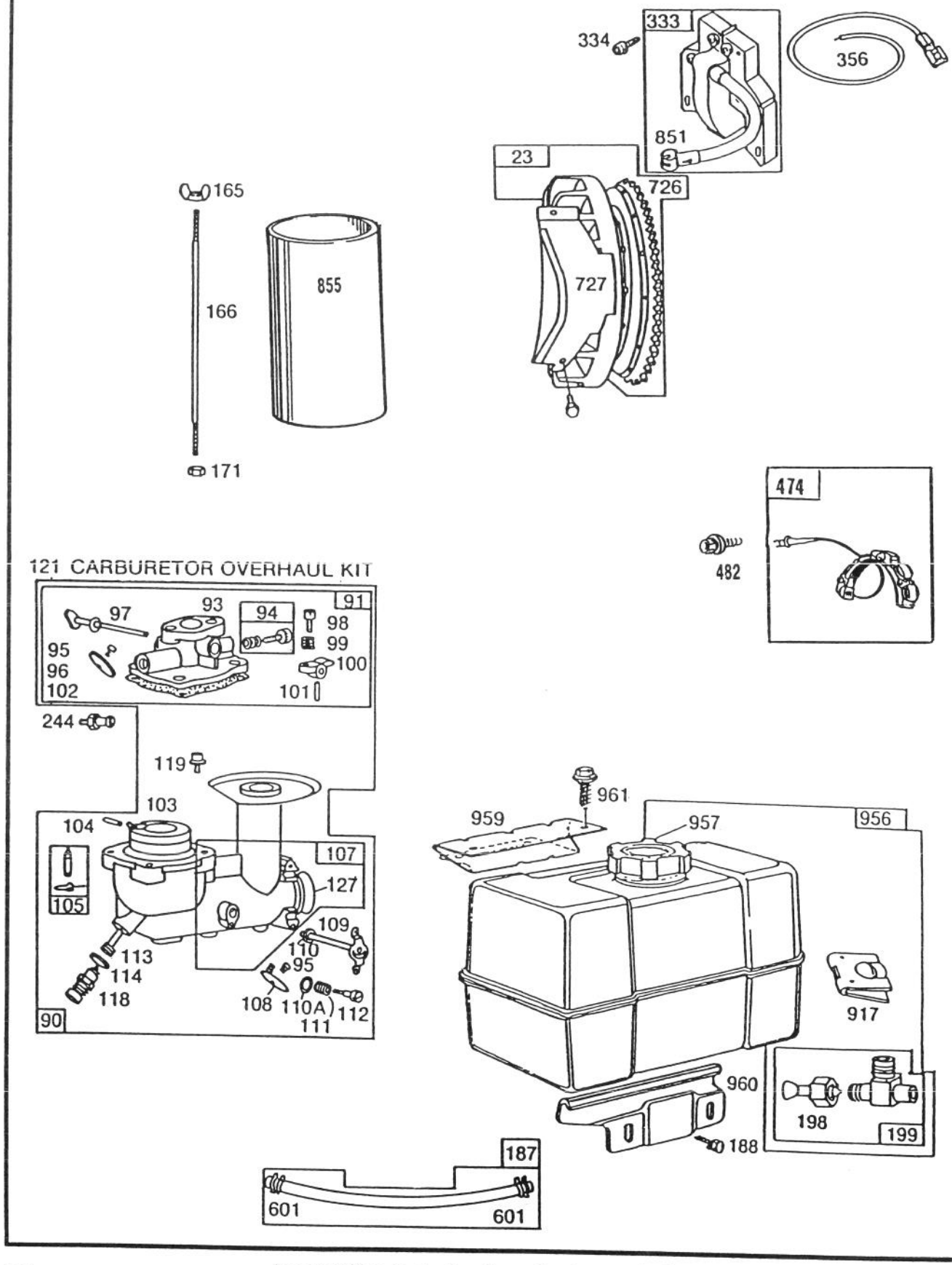
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0755-01 (MODEL 38580)

Ref. No.	Part No.	Description	No. Used
3	391086	Seal — Oil	1
24	222698	Key — Flywheel	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	1
66	394558	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	Pipe — Fuel (11" long)	1
231	94238	Screw — Sem	1
304	392738	Housing — Blower	1
305	93158	Screw — Sem	1
353A	94281	Washer — Lock	1

Ref. No.	Part No.	Description	No. Used
363	19203	Puller — Flywheel (Optional Accessory)	1
373	92987	Nut — Hex	1
387	399255	Primer	1
467	391908	Knob — Choke Rod	1
528	399254	Hose — Fuel	1
528A	399256	Hose — Fuel	1
538	396085	Rod — Control	1
587	220162	Clamp — Cable	1
601	93807	Clamp — Hose (For 1/2" O.D. Hose)	1
601A	94171	Clamp — 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	1
		Uses: 223825 Strap Support 93705 Screw (Hood to Support) 93490 Screw (Hood to Blower Housing) 93640 Screw — Sem (Hood to Cylinder Head) 90832 Lockwasher	
805	94189	Nut — Primer Retaining	1
932	396084	Guide — Control Rod	1
1016	490817	Spacer	1

ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0755-01
(MODEL 38580)



Assemblies include all parts shown in frames.

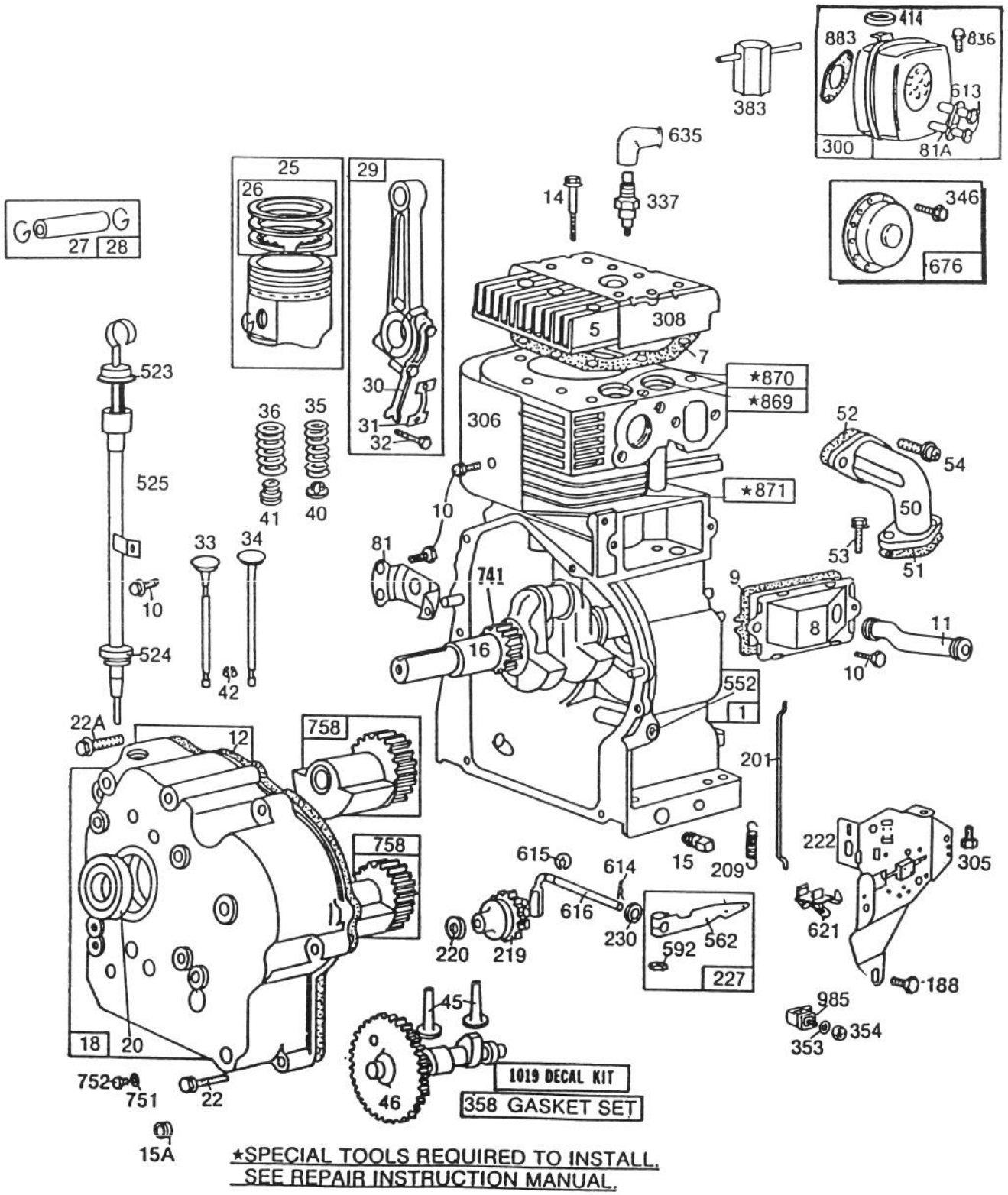
ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0755-01 (MODEL 38580)

Ref. No.	Part No.	Description	No. Used
23	391988	Flywheel & Ring Gear Assy. — Magneto	1
90	399252	Carburetor Assembly (Manual Friction)	1
91	391833	Body Assembly — Upper Carburetor	1
93	23108	Bushing — Throttle Shaft	1
‡94	292681	Valve Assy. — Carburetor Idle	1
95	93499	Screw — Throttle & Choke Valve, Mounting Sem	1
96	221939	Valve — Throttle	1
97	391596	Shaft and Lever — Throttle	1
98	91920	Screw — Mach. Fil. Hd.	1
99	26157	Spring — Throttle Adjustment	1
100	212904	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	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	94152	Screw — Sem	1
121	394989	Carburetor Overhaul Kit	1

Ref. No.	Part No.	Description	No. Used
†127	221747	Plug — Welch	1
165	93453	Nut — Wing	1
166	231007	Stud — Air Cleaner	1
171	92129	Nut — Hex	1
187	296004	Pipe — Fuel (23" long)	1
188	93535	Screw — Sem	1
198	293934	Valve — Fuel Shut-Off	1
199	390303	Outlet — Fuel Tank	1
244	230318	Connector — Fuel Pipe	1
333	398811	Armature Group	1
334	93381	Screw — Armature Mounting Sem	1
356	398838	Wire — Ground	1
474	391595	Stator — Alternator	1
482	93621	Screw — Sem	1
601	93807	Clamp — Hose (For 1/2" O.D. Hose)	1
726	392134	Gear — Flywheel Ring (Includes Mounting Parts)	1
727	223597	Cover — Starter Gear **Uses:** 93712 Screw (2) 93713 Lockwasher (2) Used to mount Guard	1
851	221798	Terminal — Ignition Cable	1
855	231145	Stack — Carburetor **Uses:** 222726 Strap	1
917	223271	Valve Handle — Fuel Shut-Off	1
956	397928	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 #391834.
‡ Included in Carburetor Overhaul Kit — See Ref. 121.

ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0749-01 (MODEL 38565)



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

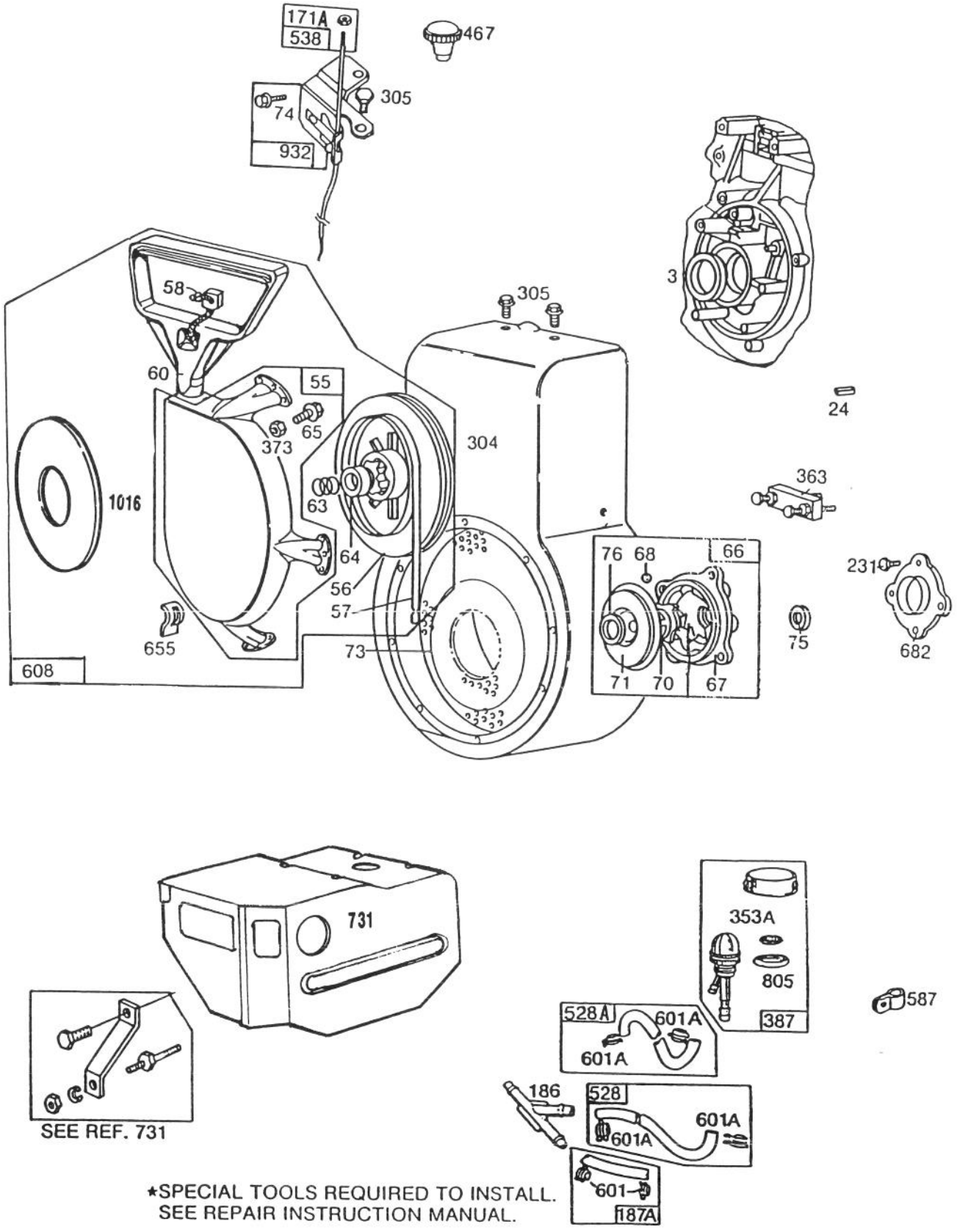
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0749-01 (MODEL 38565)

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)	2
15	91084	Plug — Oil Drain	1
15A	93418	Plug — Hex Socket	1
16	399688	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	391816	Connecting Rod Assy. **Note:** For Connecting Rod with .020" Undersize Crankpin Bore — Order No. 393712	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
42	93630	Retainer — Exhaust Valve	2
45	261183	Tappet — Valve	2
46	212296	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
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	490369	Muffler — Exhaust	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	392295	Dipstick/Filler Oil	1
524	68838	Seal — Filler Tube	1
525	392283	Tube — Oil Filler	1
552	231056	Bushing — Governor Crank	1
562	92613	Bolt — Governor Lever	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
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	261436	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 NO. 252416 TYPE 0749-01 (MODEL 38565)



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

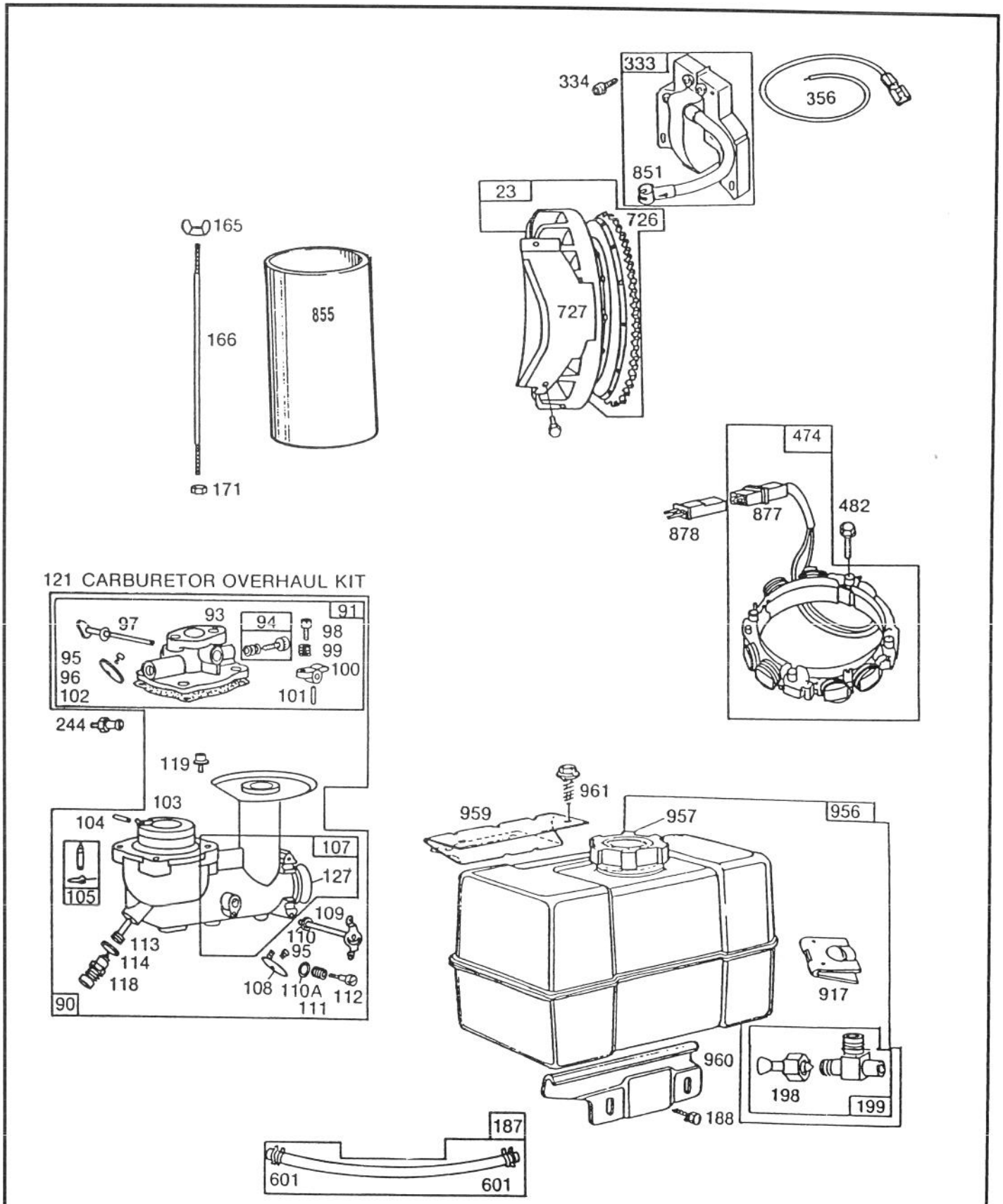
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0749-01 (MODEL 38565)

Ref. No.	Part No.	Description	No. Used
3	391086	Seal — Oil	1
24	222698	Key — Flywheel	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" Lg.)	1
60	398101	Grip — Starter Rope	1
63	260414	Spring — Ratchet	1
64	230543	Adapter — Ratchet Spring	1
65	93105	Screw — Rewind Starter	1
66	394558	Rewind Starter Clutch Assy.	1
67	394897	Housing — Clutch	1
68	63770	Ball — Clutch	1
70	298799	Ratchet — Starter Clutch	1
71	221653	Washer — Retainer	1
73	221796	Screen — Rotating	1
74	93042	Screw	1
75	220865	Washer — Spring	1
76	68238	Washer — Ratchet Sealing	1
171A	90356	Nut — Control Rod	1
186	280727	Connector — Primer Hose	2
187A	393815	Pipe — Fuel (11" Lg.)	1
188	93535	Screw	1
231	93064	Screw	1
304	392738	Housing — Blower	1
305	93158	Screw	4

Ref. No.	Part No.	Description	No. Used
353A	94281	Washer — Lock	1
363	19203	Puller — Flywheel (Optional)	1
373	92987	Nut — Hex	1
387	399255	Primer	1
467	391908	Knob — Choke Rod	1
528	399254	Hose — Fuel	1
528A	399256	Hose — Fuel	1
538	396085	Rod — Control	1
587	220162	Clamp — Cable	1
601	93807	Clamp — Hose (For .5" O.D. Hose)	2
601A	94174	Clamp — Hose (For .25" O.D. Hose)	2
608	397982	Rewind Starter Assembly	1
655	222598	Anchor — Spring	1
682	211516	Shield — Starter Clutch	1
731	490173	Hood — Snow **Uses:** 223825 Support 93705 Screw (Hood to Support) 93490 Screw (Hood to Blower Housing) 93640 Screw (Hood to Cylinder Head) 90832 Washer — Lock	1
805	94189	Nut — Primer Retaining	1
932	396084	Guide — Control Rod	1
1016	490817	Spacer	1

ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0749-01 (MODEL 38565)



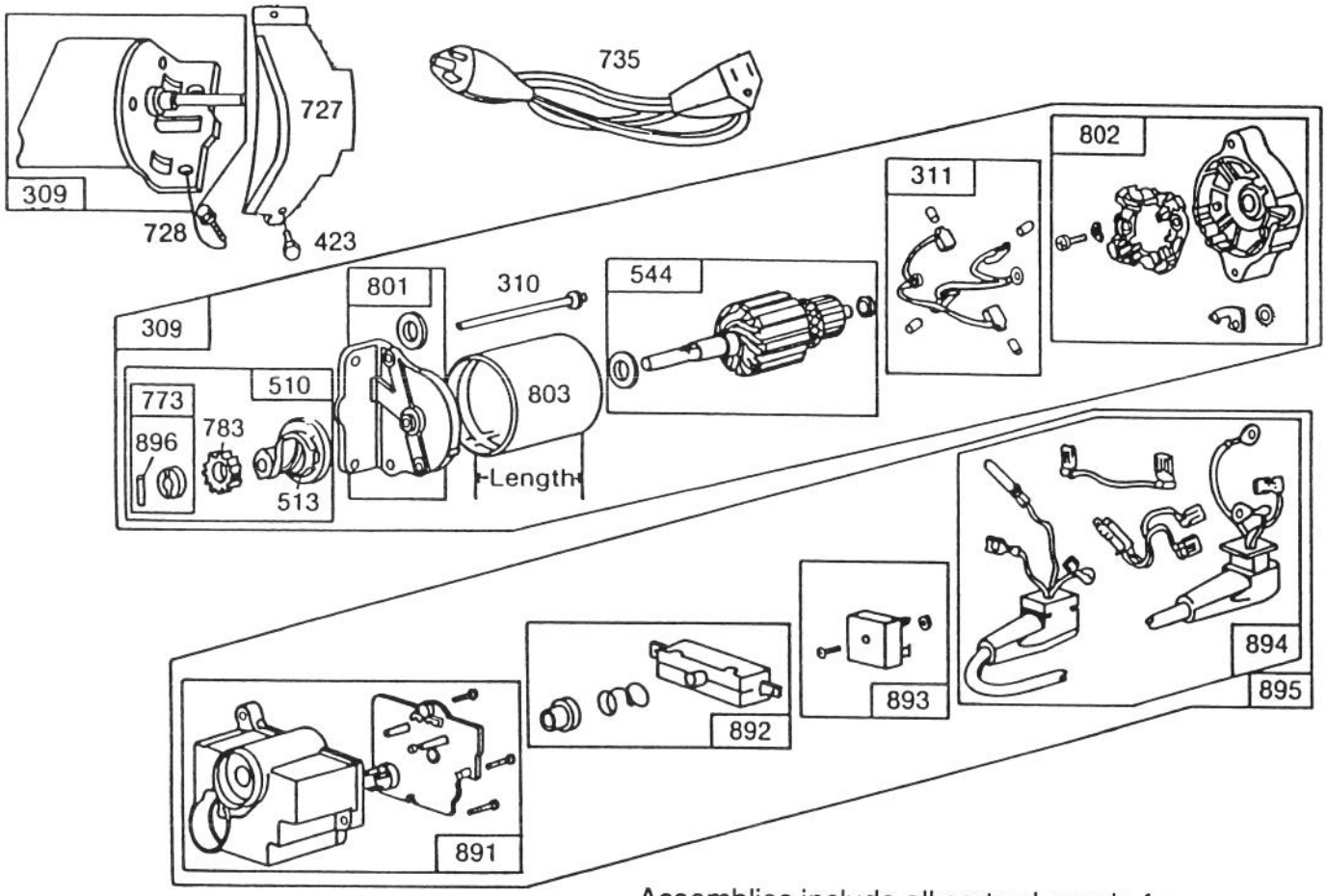
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL NO. 252416 TYPE 0749-01 (MODEL 38565)

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	212904	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	94152	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
198	293934	Valve — Fuel Shut-Off	1
199	390303	Outlet — Fuel Tank	1
244	230318	Connector — Fuel Pipe	1
333	398265	Armature Group	1
334	93381	Screw — Armature	1
356	398838	Wire — Ground	1
474	393474	Stator — Alternator (Dual Circuit)	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	Cover — Starter 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. (Dual Circuit)	1
878	393362	Alternator Harness Assy. (Dual Circuit)	1
917	223271	Handle — Fuel Shut-Off	1
956	397928	Fuel Tank Assembly	1
957	397975	Cap — Fuel Tank	1
959	223754	Bracket — Fuel Tank (Top)	1
960	223755	Bracket — Fuel Tank (Btm.)	1
961	94095	Screw — Fuel Tank	2

‡ Included in Carburetor Overhaul Kit #394989.
† Included in Gasket Set #391834.



Assemblies include all parts shown in frames.

120V ELECTRIC STARTER MOTOR NO. 396506 (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 replacement parts from your local Briggs & Stratton Dealer.

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 apparently 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 back of the engine mounting plate. In any correspondence concerning the Snowthrower, 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 numbers of the Snowthrower.
2. Part number, description, and quantity of part(s) desired.

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

The Toro Promise

A Two Year Limited Warranty

On All Gasoline Powered Consumer Products

The Toro Company promises to repair your TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

Residential Product ..... 2 Years
Residential Products Used Commercially ..... 45 Days

The costs of parts and labor are included, but the customer pays the transportation costs. Just return any residential product to an Authorized TORO Service Dealer or TORO Distributor.

Should you feel your TORO Product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact any Authorized TORO Service Dealer, TORO Master Service Dealer, or TORO Distributor (the Yellow Pages of your telephone directory is a good reference source).
2. He will either instruct you to return the product to him or recommend another Authorized TORO Service outlet which might be more convenient.
3. Bring the product along with your original sales slip, or other evidence of purchase date, to the service dealer.
4. The servicing dealer will inspect the unit, advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without extra charge to you.

If for any reason you are dissatisfied with the dealer's analysis of the defect or the service performed, you may contact us.

Write:

TORO Consumer Service Department
8111 Lyndale Avenue South
Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Service Dealer is the purchaser's sole remedy for any defect.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper operating condition is the responsibility of the owner.

All warranty repairs reimbursable under The Toro Promise must be performed by an Authorized TORO Service Dealer using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Service Account are not reimbursable under The Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

THE TORO COMPANY IS NOT LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

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

MAINTENANCE RECORD

Date							