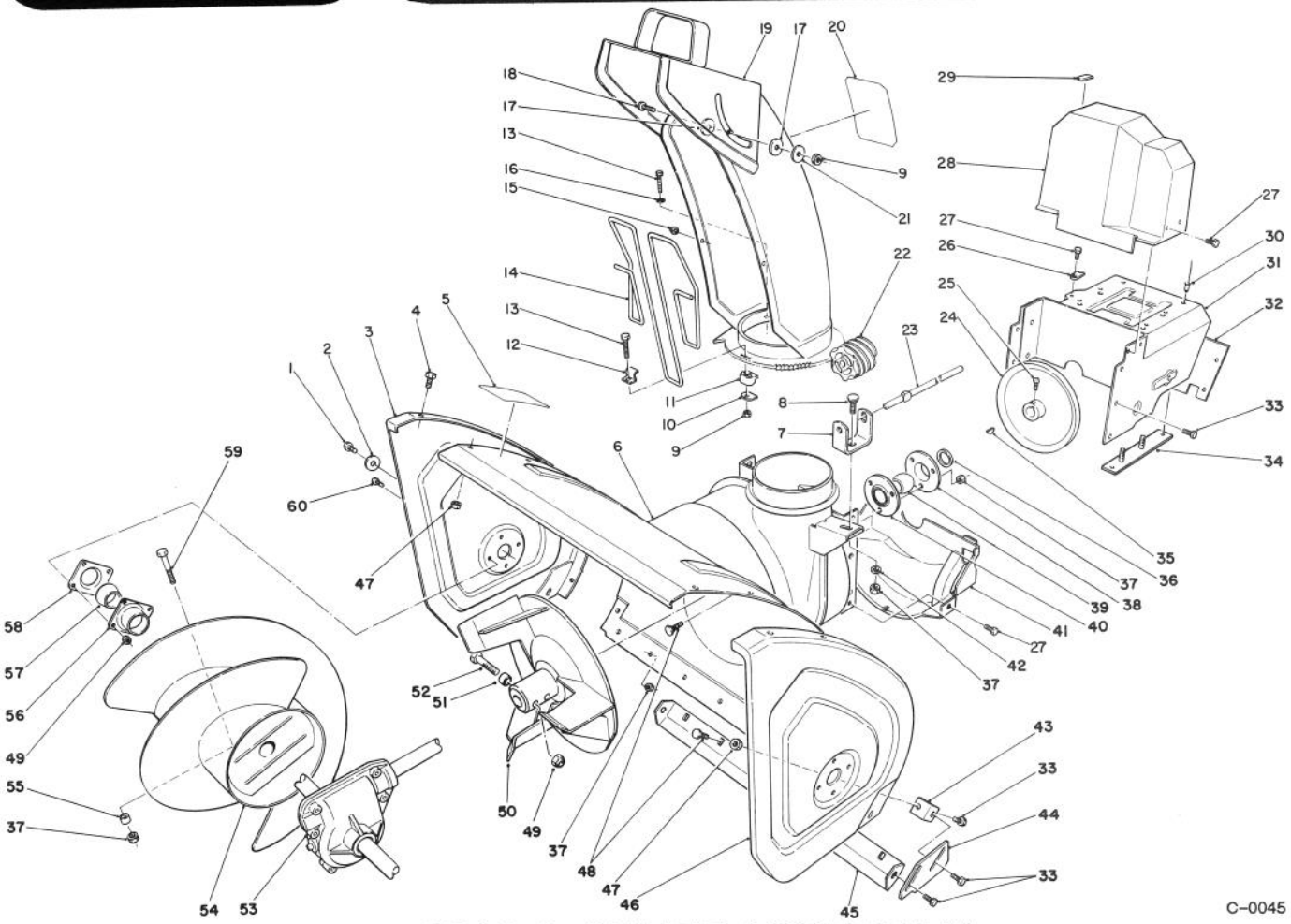
FORM NO. 3313-916

TORO®

MODEL NO. 38570-0000001 & UP

PARTS CATALOG

828 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	66-7820	Plate - Side R.H.	1
4	3234-28	Screw - Hex Flange Hd.	10
5	53-7670	Decal - Danger Auger	1
6	62-0721	Housing - 28"	1
7	63-2180	Bracket - Gear	1
8	3230-2	Bolt - Carriage	1
9	3296-2	Nut - Lock	4
10	63-2670	Plate - Chute Retainer	3
11	62-1430	Retainer - Chute	3
12	63-3130	Bracket - Chute Guard	1
13	3274-13	Screw - Machine	3
14	63-3020	Guard - Chute	1
15	3290-326	Nut - Push	2
16	3256-14	Washer - Flat	1
17	63-2900	Washer - Plastic	2

Ref. No.	Part No.	Description	No. Used
18	32122-32	Screw	1
19	62-0840	Chute Assembly	1
20	63-3760	Decal - Danger Chute	1
21	3256-61	Washer - Flat	1
22	62-0820	Gear - Worm	1
23	62-1720	Rod - Chute Gear	1
24	62-1300	Pulley - Impeller	1
25	3242-4	Screw - Set Sq. Hd.	2
26	63-2300	Retainer - Cable	1
27	32144-4	Screw - Hex Flange Hd.	6
28	63-2080	Cover - Belt (Upper)	1
29	63-3290	Cover - Cable	1
30	3269-23	Rivet	4
31	66-6981	Frame - Engine	1
32	62-1440	Cover - Engine Frame	1
33	3234-7	Screw - Hex. Washer Hd.	12

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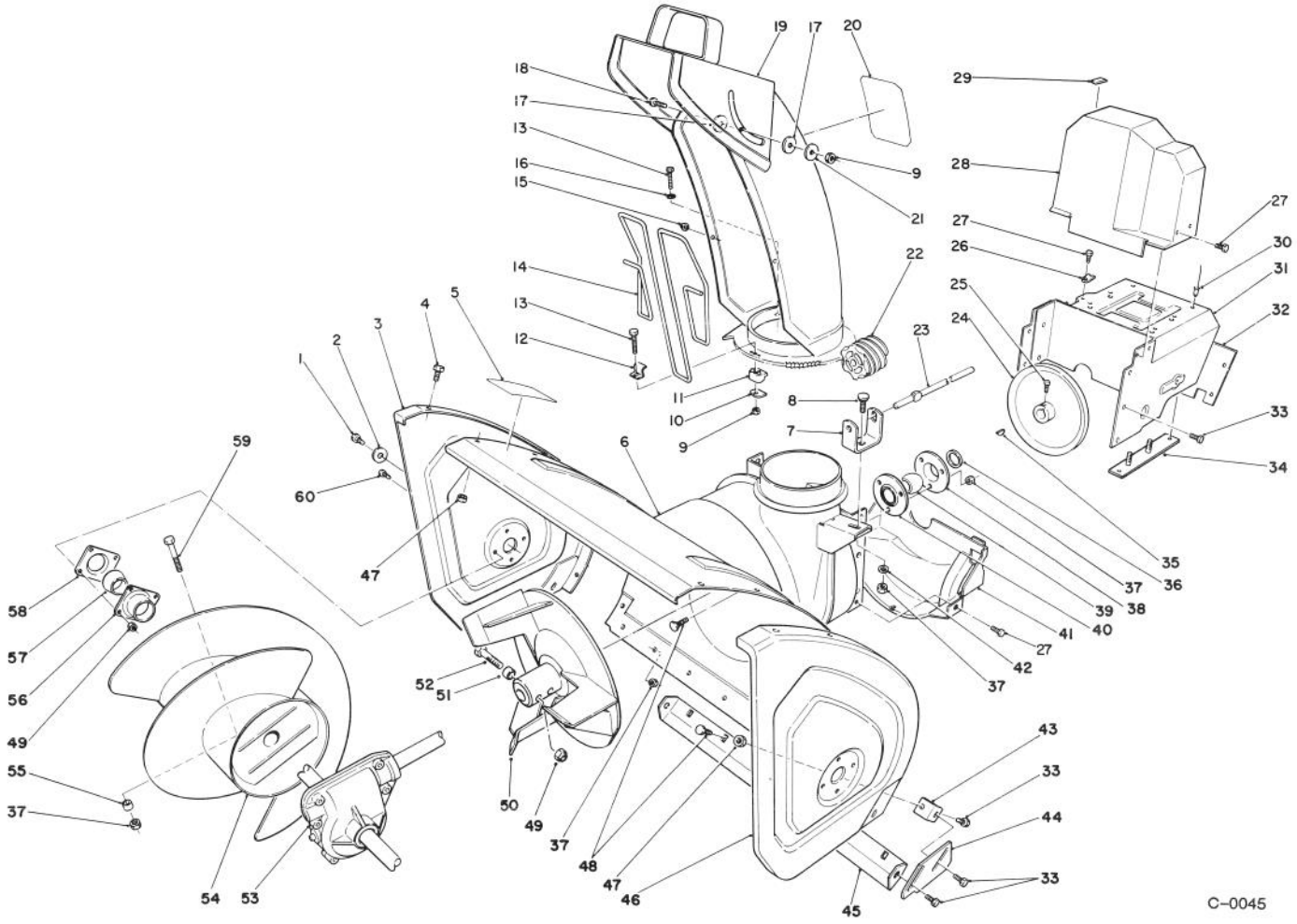
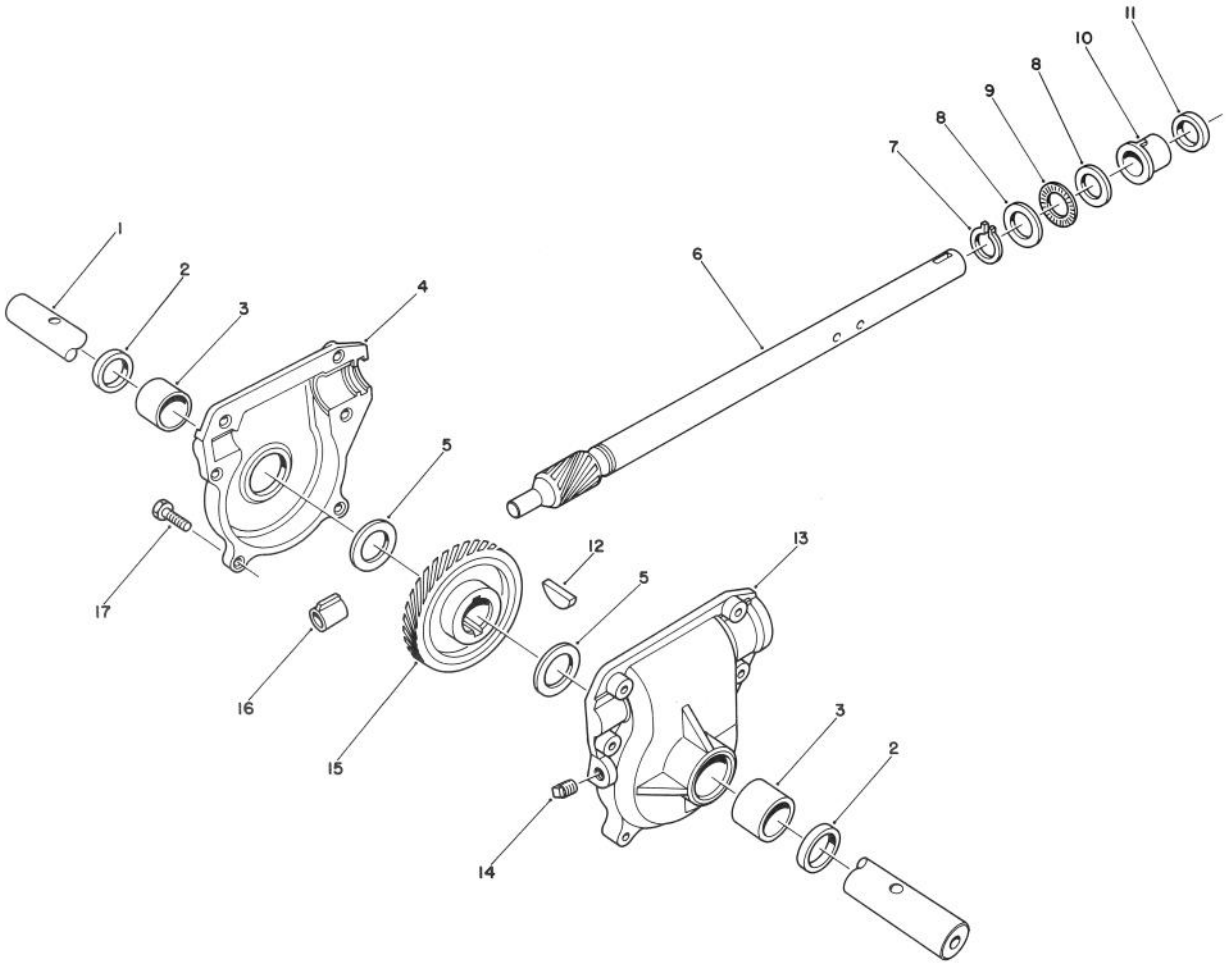


HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
34	68-4170	Plate - Engine Stud L.H.	1
*	68-4160	Plate - Engine Stud 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	62-1240	Bracket - Skid	2
44	62-0980	Plate - Skid L.H.	1
*	62-0990	Plate - Skid R.H.	1
45	66-7761	Blade - Scraper	1
46	66-7830	Plate - Side L.H.	1
47	3296-47	Nut - Lock	12
48	3230-23	Screw - Carriage	10

Ref. No.	Part No.	Description	No. Used
49	3296-42	Nut - Lock	10
50	66-7920	Impeller	1
51	66-8010	Spacer	2
52	321-44	Screw - Cap Hex. Hd.	2
53	66-8021	Auger Gearbox Assembly	1
54	63-2751	Auger - R.H.	1
*	63-2761	Auger - L.H.	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 - Cap Hex Hd.	8
*	12-8789	Impeller Bearing Assembly (Incl. Ref. #38-40)	1
*	12-8949	Loose Parts	1

*Not Illustrated



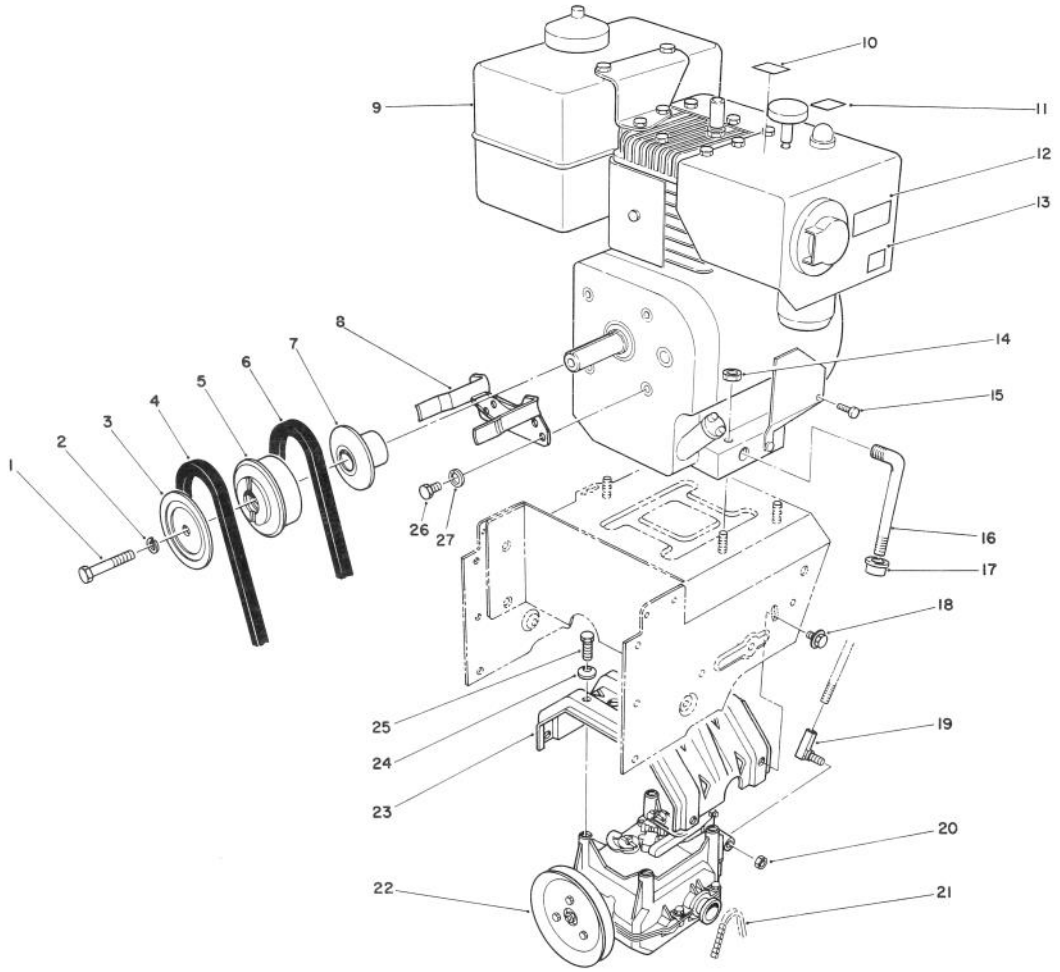
C-0046

28" AUGER GEARCASE ASSEMBLY NO. 66-8021

Ref. No.	Part No.	Description	No. Used
1	62-1531	Shaft - Auger (28")	1
2	7-0045	Seal - Oil	2
3	256-237	Bushing - Sleeve	2
4	62-0570	Gearcase Assembly - R.H. (Incl. Ref. # 2-3)	2
5	252-71	Bearing - Thrust	2
6	66-7810	Shaft - Impeller	1
7	32151-33	Ring - Snap	1
8	252-78	Washer - Thrust	2
9	252-76	Bearing - Thrust	1

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

*Not Illustrated



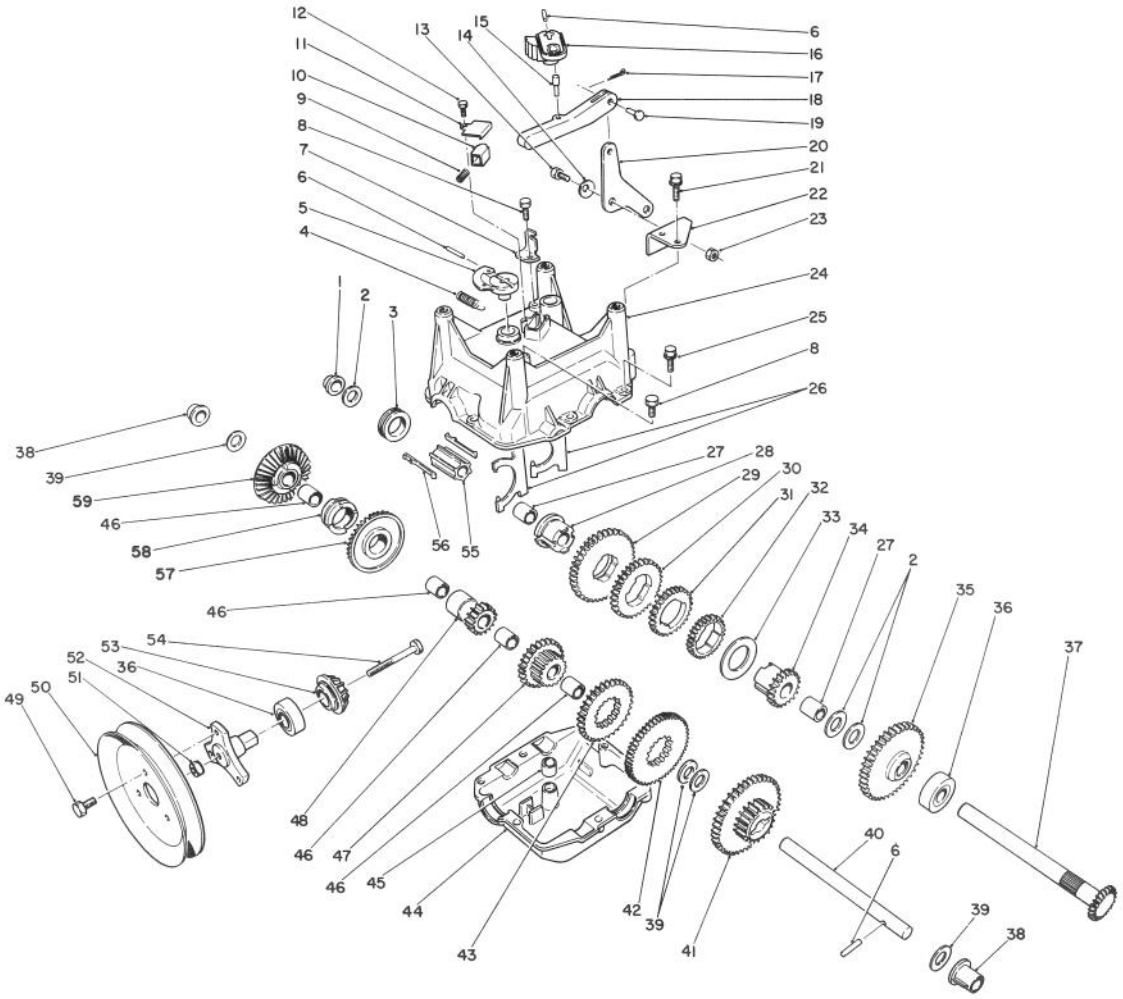
C-0050

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		Engine - Briggs & Stratton Model No. 190406 Type No. 3104-01	1
10	63-2340	Decal - Throttle	1
11	63-2320	Decal - Primer	1
12	66-6840	Decal - Hot Surface	1
13	63-2360	Decal - Choke	1

Ref. No.	Part No.	Description	No. Used
14	32128-20	Nut - Lock	4
15	2210-250	Screw - Hex. Washer Hd.	1
16	67-9301	Pipe - Oil Drain	1
17	288-10	Cap - Pipe	1
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	3210-1	Screw - Cap Hex Hd.	2
27	3253-4	Washer - Lock	2

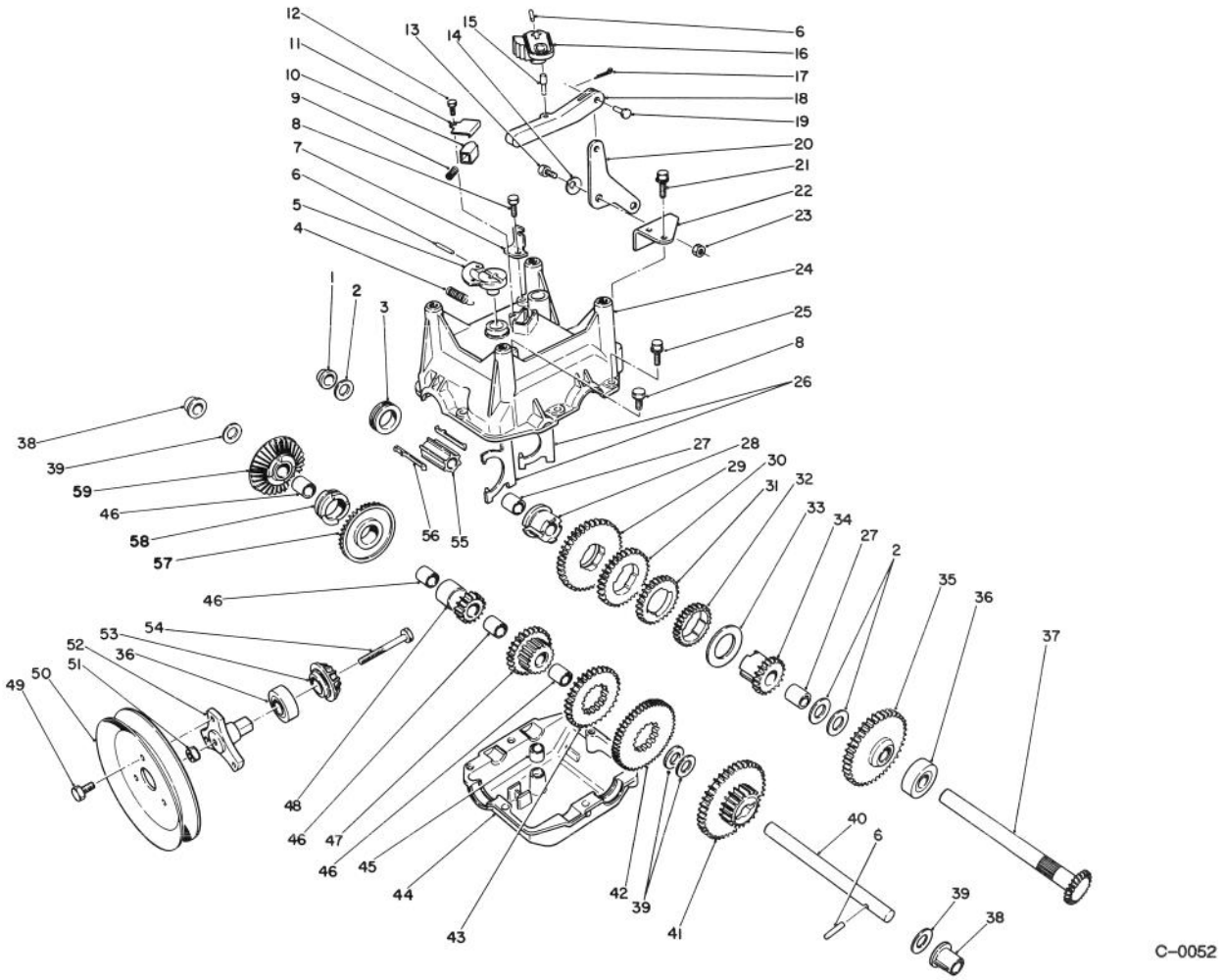
†Obtain from your local Briggs & Stratton Dealer.



TRANSMISSION ASSEMBLY NO. 66-8030

Ref. No.	Part No.	Description	No. Used
1	62-1180	Bushing - Output (Flange)	1
2	252-59	Washer - Thrust	3
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	32144-86	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	4
40	62-0330	Shaft - Imtermediate	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

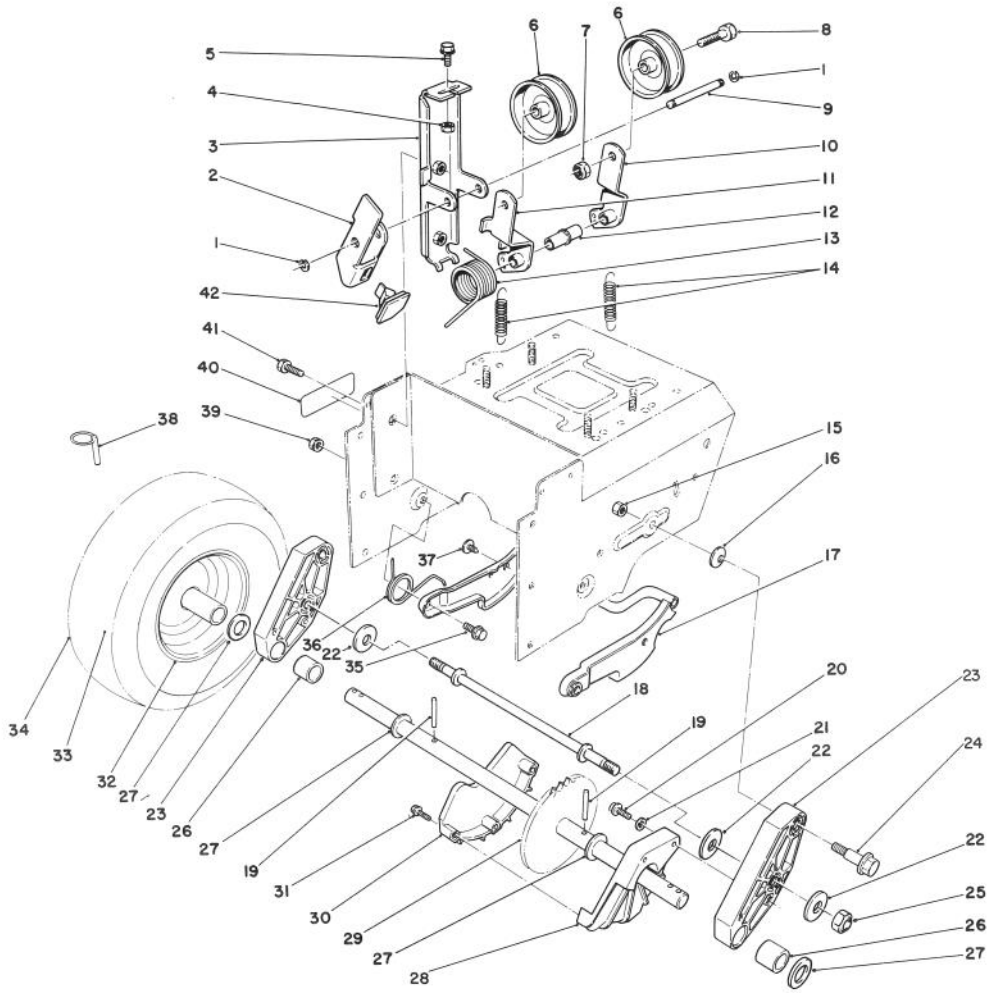


TRANSMISSION ASSEMBLY NO. 66-8030 (Continued)

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

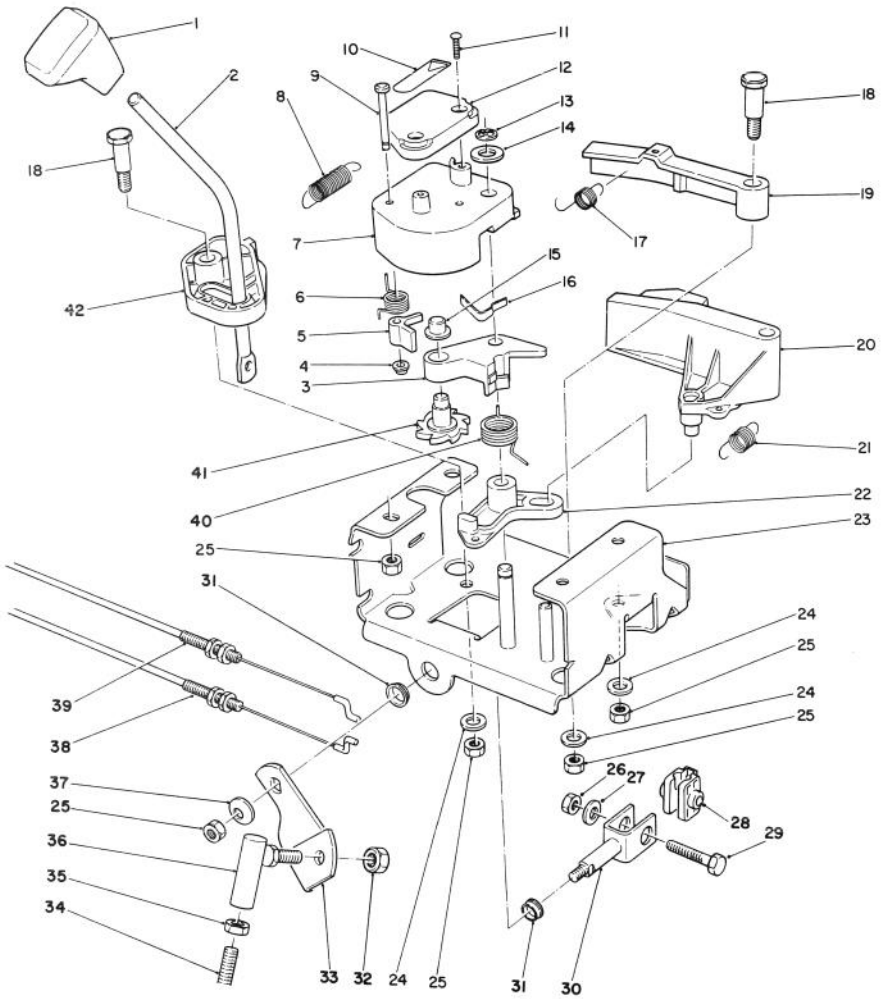


TRACTION DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32120-46	Ring - Retaining	2
2	63-2820	Arm - Brake	1
3	63-2850	Bracket - Idler Arm	1
4	3296-42	Nut - Lock	1
5	3234-13	Screw - Cap Hex. Hd.	1
6	3-4244	Pulley - Idler	2
7	3296-59	Nut - Lock	2
8	323-7	Screw - Cap Hex Hd.	2
9	62-0970	Pin - Idler	1
10	62-1260	Arm - Traction Idler	1
11	62-1280	Arm - Impeller Idler	1
12	62-1210	Bushing - Idler	1
13	63-2881	Spring - Torsion	1
14	63-2870	Spring - Extension	2
15	3296-39	Nut - Lock	2
16	3290-461	Washer - Belleville	2
17	62-0470	Latch - Arm	1
18	66-7720	Rod - Latch	1
19	32121-9	Pin - Roll	2
20	32144-4	Screw - Hex Flange Hd.	2
21	3256-1	Washer - Flat	2
22	63-3340	Washer	4
23	66-7740	Pivot Arm Assembly (Incl. Ref. # 26)	2

Ref. No.	Part No.	Description	No. Used
24	62-1330	Bolt - Shoulder	2
25	3296-23	Nut - Lock	2
26	63-2250	Bushing - Axle	2
27	252-80	Washer - Thrust	4
28	62-1010	Guard - Chain L.H.	1
29	63-2112	Axle Assembly	1
30	62-1000	Guard - Chain R.H.	1
31	32104-118	Screw - Hex Flange Hd.	3
32	241-127	Rim - Wheel	2
33	232-48	Tube - Inner	2
34	231-123	Tire	2
35	5-2490	Bolt - Shoulder	2
36	63-2740	Spring - Torsion	1
37	3290-476	Fastener - Panel	1
38	3290-243	Pin - Klik	2
39	3296-47	Nut - Lock	2
40	66-6860	Decal - Warning	1
41	3234-7	Screw - Hex Flange Hd.	2
42	66-8060	Pad - Brake	1
*	67-9230	Wheel & Tire Assembly (Incl. Ref. #32-34)	1
*	63-3040	Tire Chains Kit (Optional)	1
*	66-6820	Spacer - Tire Chain	2

*Not Illustrated

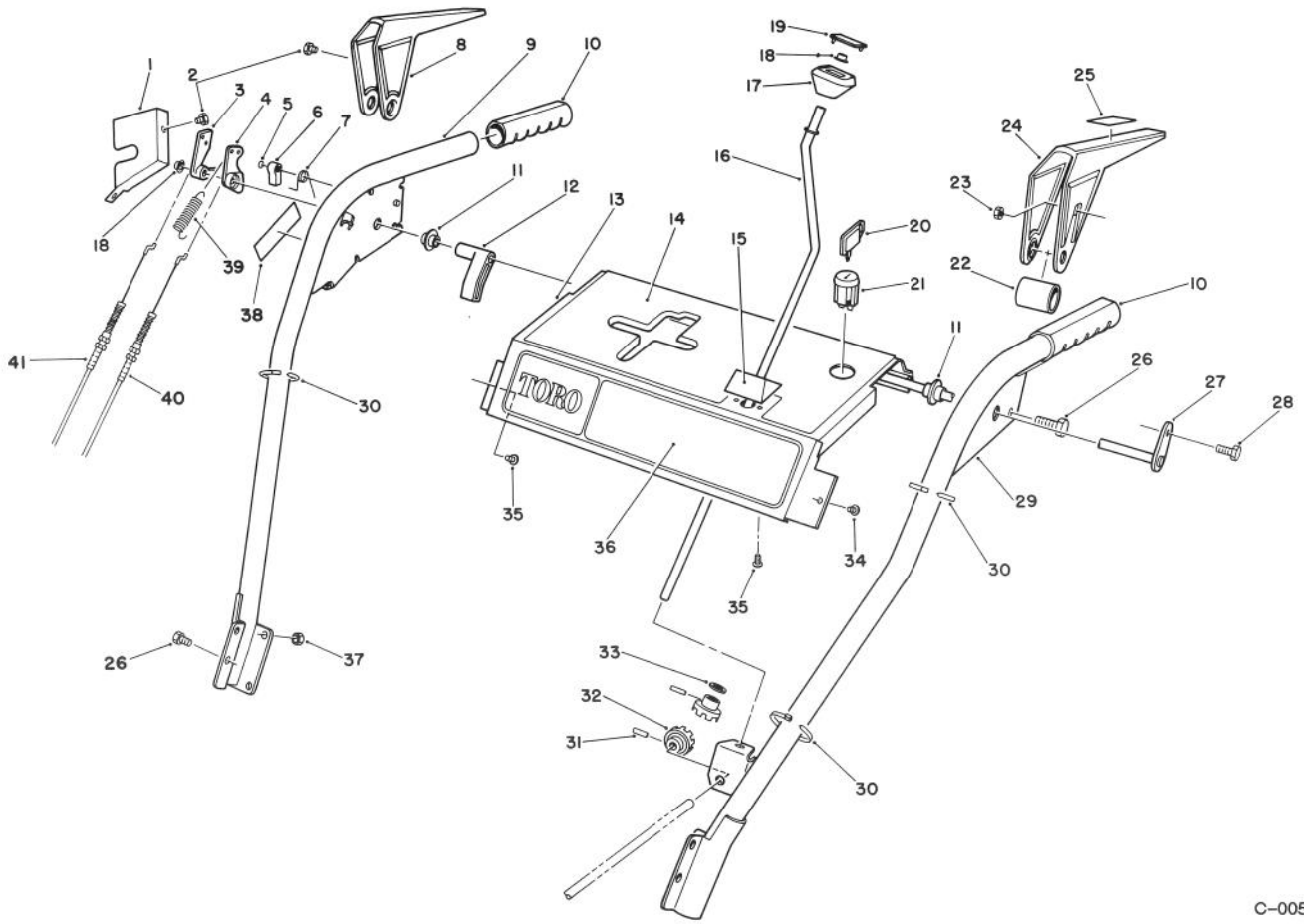


C-0054-89

TRACTION LINKAGE ASSEMBLY

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

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

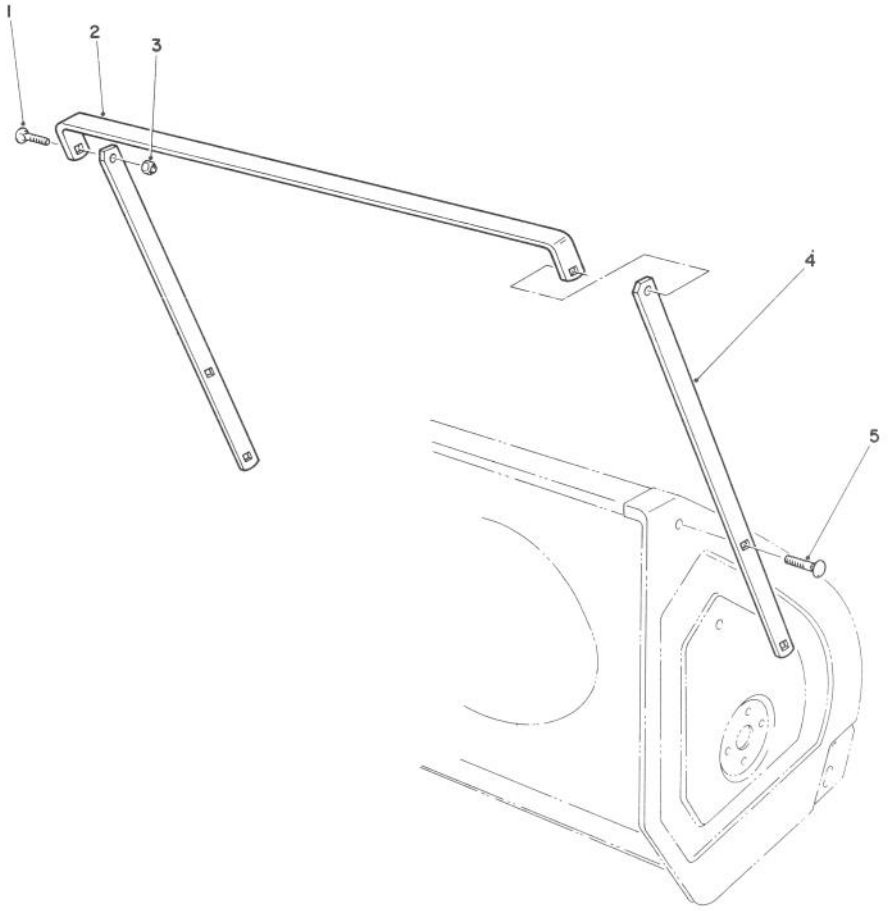


HANDLE ASSEMBLY

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	66-7850	Handlegrip	2
11	62-1070	Bushing - Lever	2
12	62-1640	Lever - Trip	1
13	66-8100	Panel - Control	1
14	63-6850	Decal - Panel Top	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	63-8360	Key - Switch	1
21	40-5940	Switch - On/Off	1

Ref. No.	Part No.	Description	No. Used
22	63-3380	Spacer - Traction Lever	1
23	3296-2	Nut - Lock	1
24	62-1060	Lever - Traction	1
25	63-3050	Decal - Lever	1
26	3234-7	Screw - Hex Flange Hd.	6
27	63-2030	Rod - Cross	1
28	3290-359	Screw	1
29	66-8091	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	63-2520	Decal - Panel Front	1
37	3296-47	Nut - Lock	4
38	66-6860	Decal - Warning	1
39	63-2720	Spring - Extension	1
40	63-2710	Cable - Traction	1
41	63-2700	Cable - Impeller	1
*	63-3420	Harness - Wire	1

*Not Illustrated



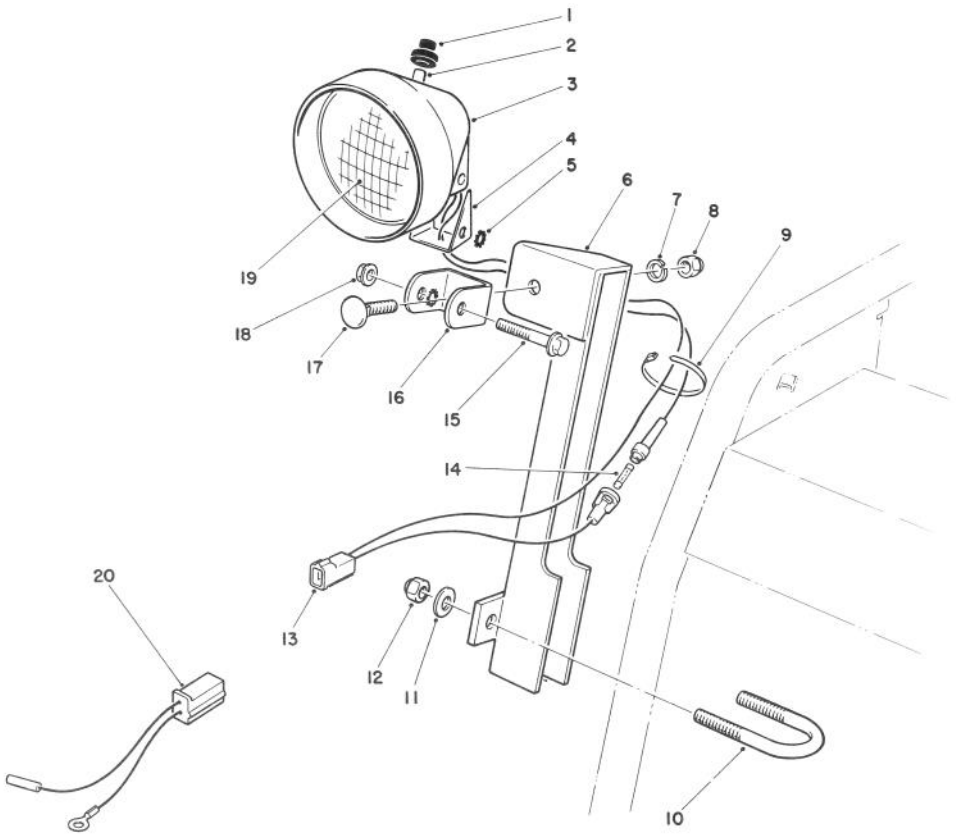
C-0068-89

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.

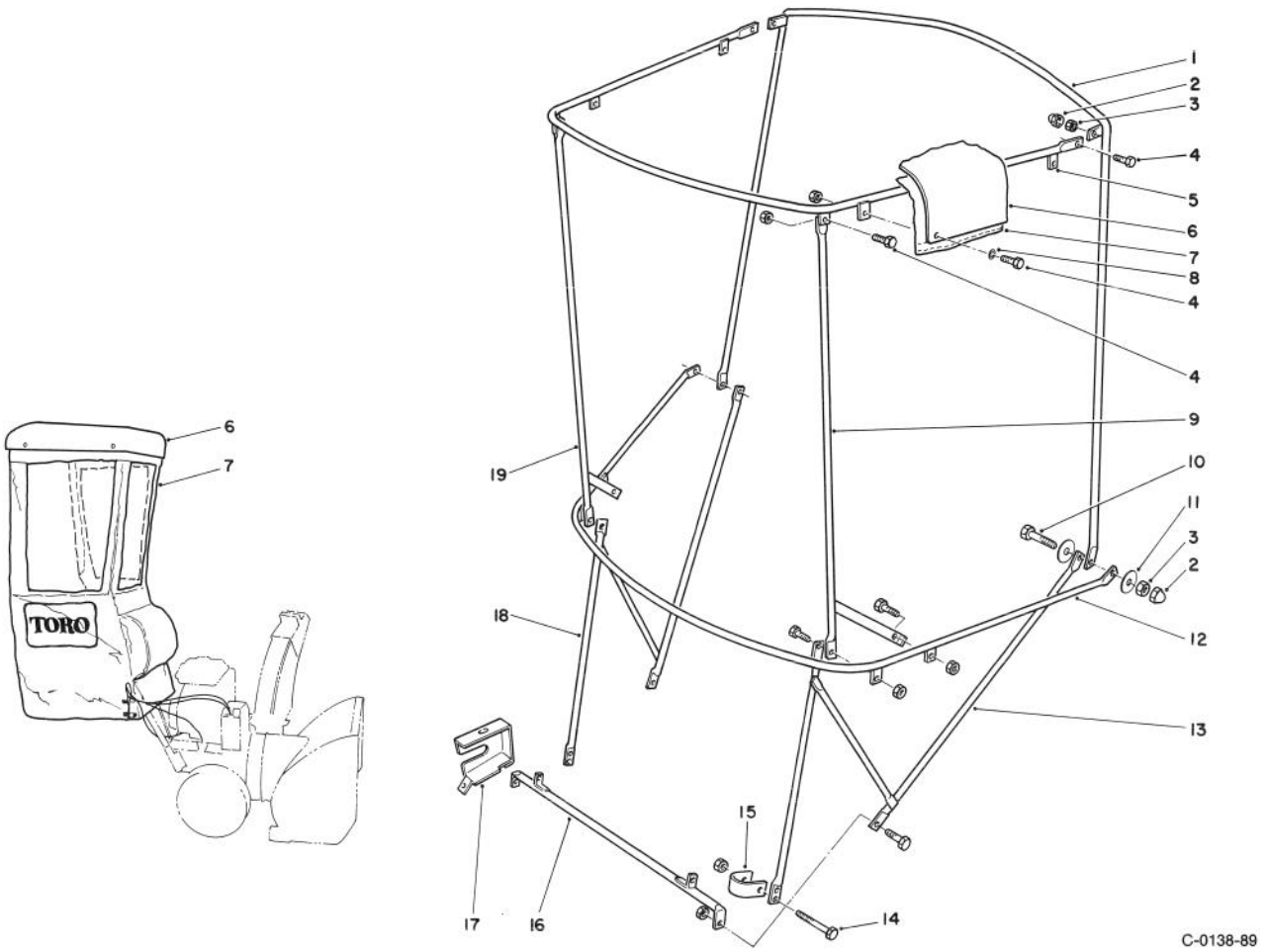


C-0071-89

LIGHT KIT NO. 66-7940 (Optional)

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
†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

*Not Illustrated
†Obtain Locally

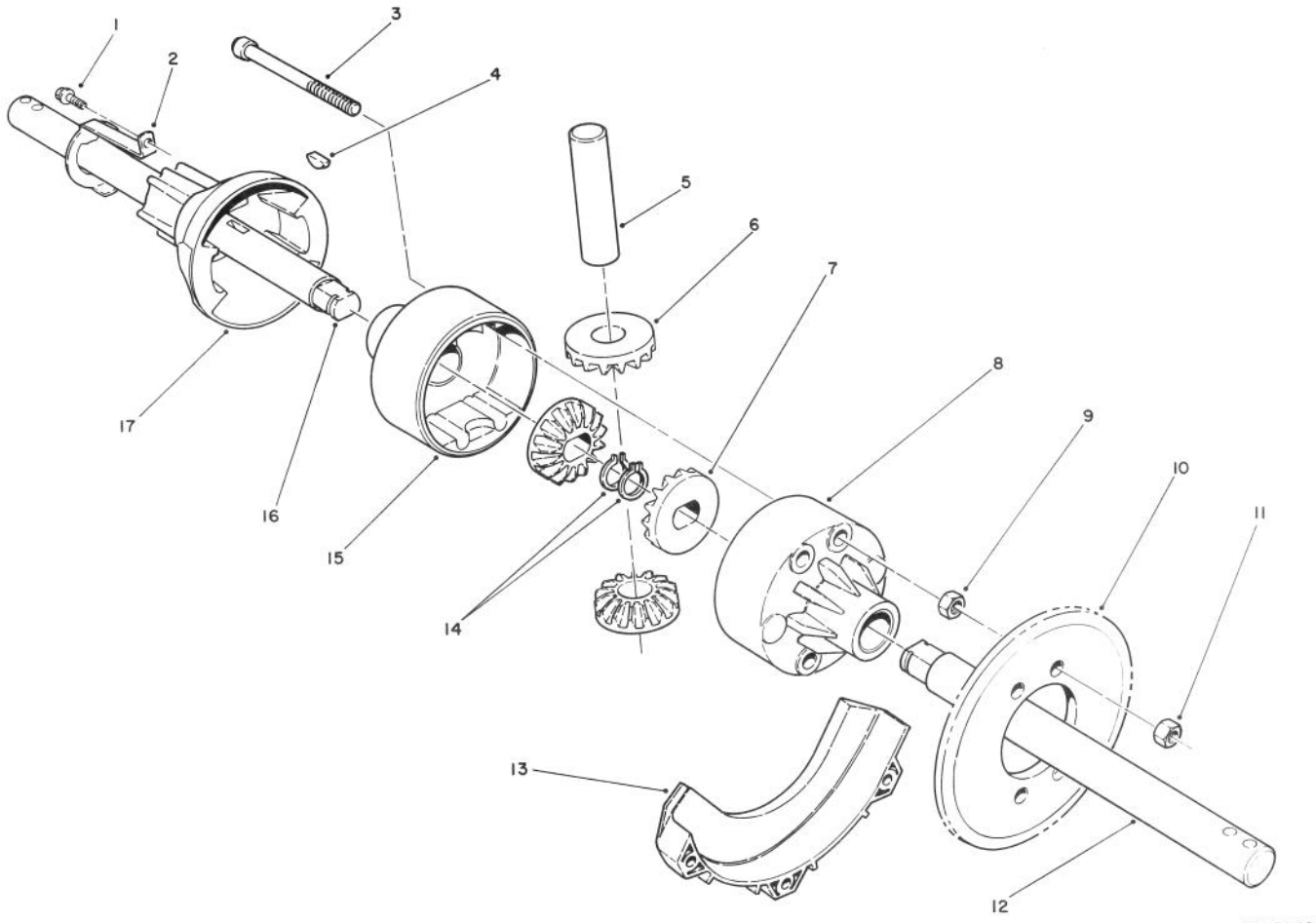


SNOW CAB ASSEMBLY NO. 68-9500 (Optional)

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

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

†Not sold separate



C-0137-89

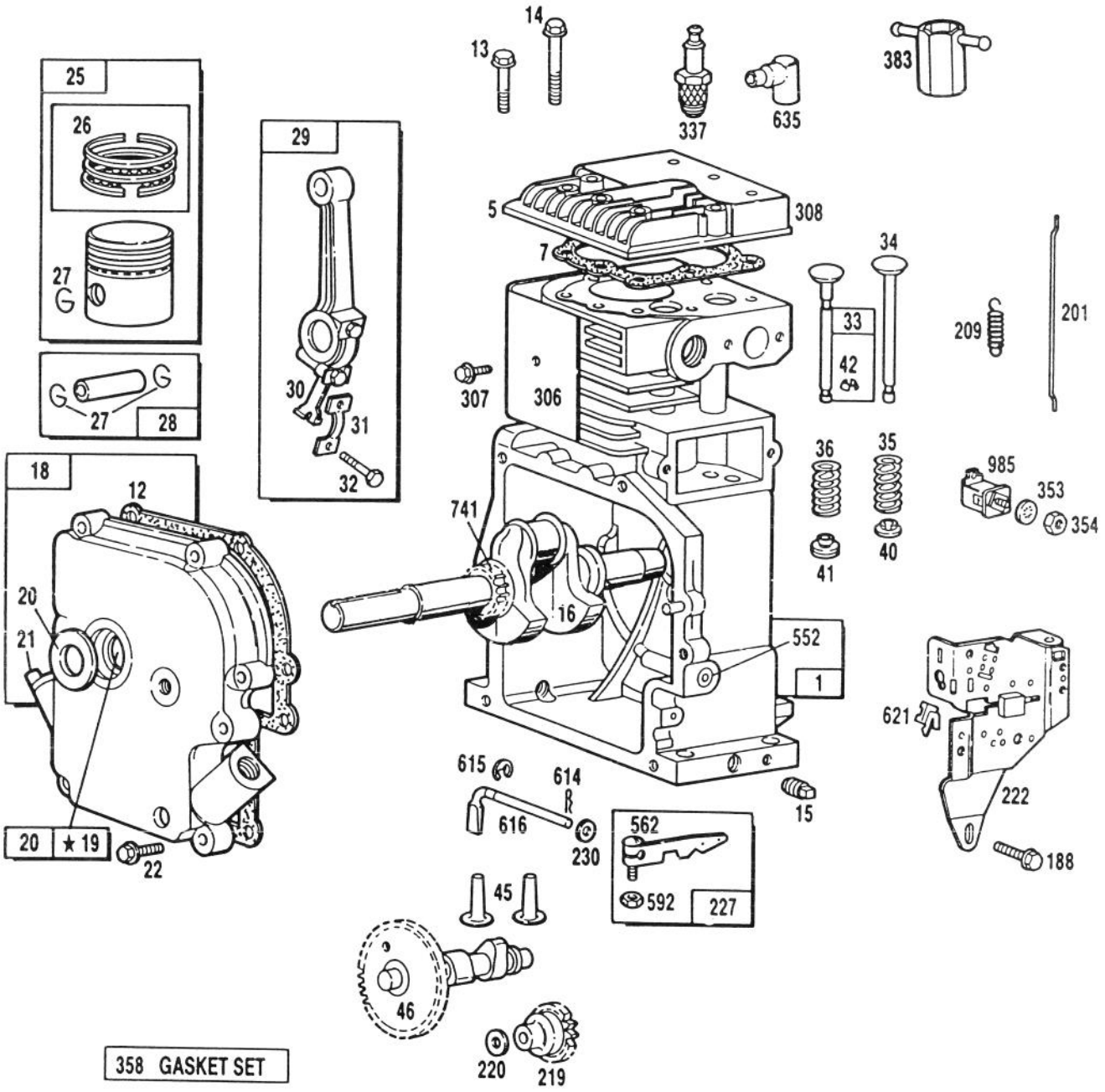
DIFFERENTIAL KIT MODEL NO. 38038 (Optional)

Ref. No.	Part No.	Description	No. Used
1	32144-73	Screw - Hex. Washer Hd.	1
2	68-9260	Spring - Lockout	1
3	3274-82	Screw - Hex. Socket Hd.	4
4	3257-41	Key - Woodruff	2
5		Shaft - Cross	1
6		Gear - Cross Shaft Pinion	2
7		Gear - Side Pinion	2
8	68-9220	Housing - Female	1
9	3217-6	Nut - Hex.	4
10	68-9271	Sprocket - 27T (Used on Models 38510, 38513, 38540 & 38543)	1
*	68-9270	Sprocket - 32T (Used on Models 38500, 38505, 38520, 38525, 38545, 38566, 38570, 38574 & 38580)	1

Ref. No.	Part No.	Description	No. Used
11	3296-47	Nut - Lock	4
12	68-9230	Shaft - Differential L.H.	1
13	68-9310	Guard - Chain R.H.	1
14	32120-93	Ring - Retaining	2
15	68-9210	Housing - Male	1
16	68-9240	Shaft - Differential R.H.	1
17	68-9250	Coupling - Differential	1
*	68-8410	Cover - Lower Belt	1
*	68-9390	Decal - Caution/Instructions	1
*	68-9280	Gear Set (Incl. Ref. #5-7)	1

*Not Illustrated

ENGINE BRIGGS & STRATTON MODEL 190406 TYPE 3104-01



Assemblies include all parts shown in frames.

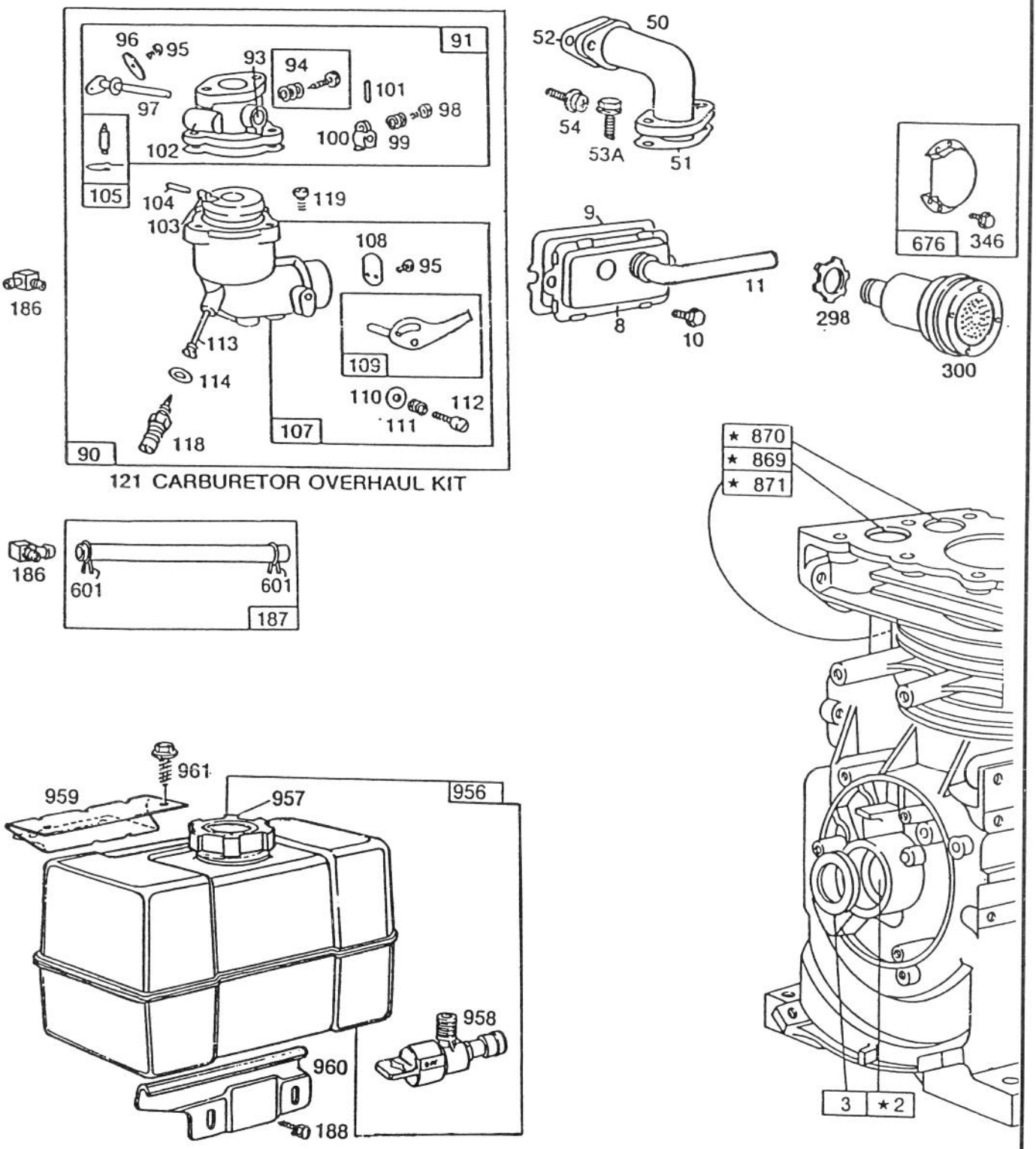
ENGINE BRIGGS & STRATTON MODEL 190406 TYPE 3104-01

Ref. No.	Part No.	Description	No. Used
1	396178	Cylinder Assembly	1
5	212918	Head – Cylinder	1
†7	270430	Gasket – Cylinder Head	1
†12	271701	Gasket – Crankcase Cover (.015" Thick)	1
†*	27877	Gasket – Crankcase Cover (.009" Thick)	1
†*	27876	Gasket – Crankcase Cover (.005" Thick)	1
13	93211	Screw – Cylinder Head	4
14	93113	Screw – Cylinder Head	4
15	91084	Plug – Oil Drain	1
*	93418	Plug – Oil Drain (Hex. Socket)	1
16	261077	Crankshaft **Note:** (To Replace Crankshaft Gear Pin, Order Part No. 230978)	1
18	397688	Cover – Crankcase	1
19	295964	Bushing – Crankcase Cover	1
20	391086	Seal – Oil	1
21	66768	Plug – Oil Filler	1
22	93585	Screw – Crankcase Cover	2
25	391673	Piston Assy. (Std.)	1
*	391674	Piston Assy. (.010" OS.)	1
*	391675	Piston Assy. (.020" OS.)	1
*	391676	Piston Assy. (.030" OS.)	1
26	391669	Piston Ring Set (Std.)	1
*	391670	Piston Ring Set (.010" OS.)	1
*	391671	Piston Ring Set (.020" OS.)	1
*	391672	Piston Ring Set (.030" OS.) **Note:** (For Chrome Piston Ring Set Std. Size, Order No. 299743)	1
27	68546	Lock – Piston Pin	2
28	295840	Piston Pin Assy. (Std.)	1
*	295841	Piston Pin Assy. (.005" OS.)	1
29	390401	Connecting Rod Assembly **Note:** (For Connecting Rod with .020" Undersize Crankpin Bore – Order Part No. 390773)	1

Ref. No.	Part No.	Description	No. Used
30	222113	Dipper – Connecting Rod	1
31	222114	Lock – Conn. Rod Screw	1
32	92659	Screw – Connecting Rod	1
33	390419	Valve – Exhaust	1
34	261055	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 Rotocoil	2
45	260933	Tappet – Valve	1
46	211689	Gear – Cam	1
188	93535	Screw	1
201	260872	Link – Governor	1
209	261126	Spring – Governor	1
219	391737	Gear – Governor	1
220	221551	Washer – Thrust	1
222	399156	Plate – Governor Control	1
227	391965	Lever Assy. – Governor	1
230	222450	Washer – Governor Crank	1
306	222830	Shield – Cylinder	1
307	93163	Screw – Cylinder Shield	1
308	221901	Cover – Cylinder Head	1
337	293918	Spark Plug (Resistor Type)	1
353	92791	Washer – Lock	1
354	90576	Nut – Hex.	1
358	299577	Gasket Set	1
383	89838	Wrench – Spark Plug	1
552	231056	Bushing – Governor Crank	1
562	92613	Bolt – Governor Lever	1
592	231082	Nut – Hex.	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
741	261195	Gear – Timing	1
985	398525	Insulator Assembly	1
1019	491181	Decal Kit	1

*Not Illustrated
†Included in Gasket Set #299577.

ENGINE BRIGGS & STRATTON MODEL 190406 TYPE 3104-01



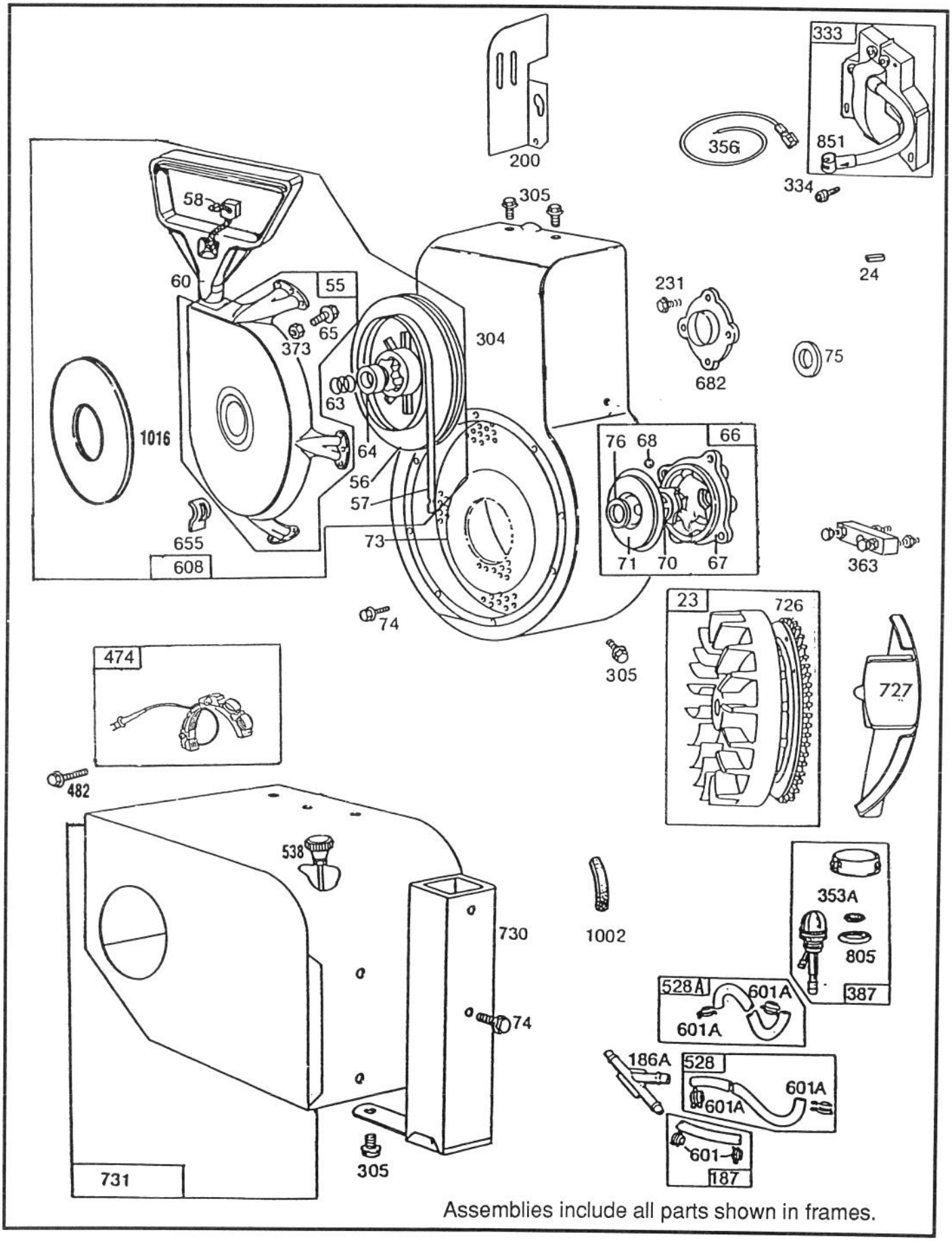
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 190406 TYPE 3104-01

Ref. No.	Part No.	Description	No. Used
2	295962	Bushing – Cylinder	1
3	294606	Seal – Oil	1
8	390321	Breather Assembly	1
†9	27803	Gasket – Valve Cover	1
10	93394	Screw	1
11	280733	Tube – Breather	1
50	490050	Elbow – Intake	1
†51	270684	Gasket – Carb. Mtg.	1
†52	27828	Gasket – Intake Elbow Mtg.	1
53A	93357	Screw – Carb. Mtg.	1
54	93208	Screw – Intake Elbow Mounting	2
90	490140	Carburetor Assembly	1
91	399443	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	223370	Valve – Throttle	1
97	298826	Shaft and Lever – Throttle	1
98	91920	Screw – Machine	1
99	26157	Spring – Throtle Adjust.	1
100	212904	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	399258	Body Assy – Lower Carb.	1
108	223727	Valve – Choke	1
109	391888	Shaft and Lever Choke	1
110	222712	Washer – Choke Lever	1
111	26155	Spring – Choke Lever	1
112	23123	Screw – Choke Lever	1
‡113	398202	Nozzle – Carburetor	1
‡114	68667	Gasket – Nozzle	1
‡118	99525	Valve – Needle	1
119	94152	Screw – Hex. Hd.	1
121	394693	Carburetor Overhaul Kit	1
186	67218	Connector – Fuel Pipe	1
187	393815	Pipe – Fuel (11" Long)	1
188	93535	Screw	1
298	261409	Locknut – Mufler	1
300	393010	Muffler – Exhaust	1
346	93705	Screw	1
601	93053	Clamp – Fuel Pipe (Green)	1
676	393757	Deflector – Exhaust	1
869	211661	Seat – Intake Valve (Std.)	1
870	211661	Seat – Exhaust Valve (Std.)	1
871	231218	Guide – Exhaust or Intake Valve	1
956	490572	Tank Assembly Fuel	1
957	397975	Cap – Fuel Tank	1
958	396244	Valve – Fuel Shut-Off	1
959	223462	Bracket – Fuel Tank (Up.)	1
960	222463	Bracket – Fuel Tank (Low.)	1
961	94095	Screw – Tank Mounting	1

†Included in Gasket Set #299577.
‡Included in Carburetor Overhaul Kit #394693.

ENGINE BRIGGS & STRATTON MODEL 190406 TYPE 3104-01

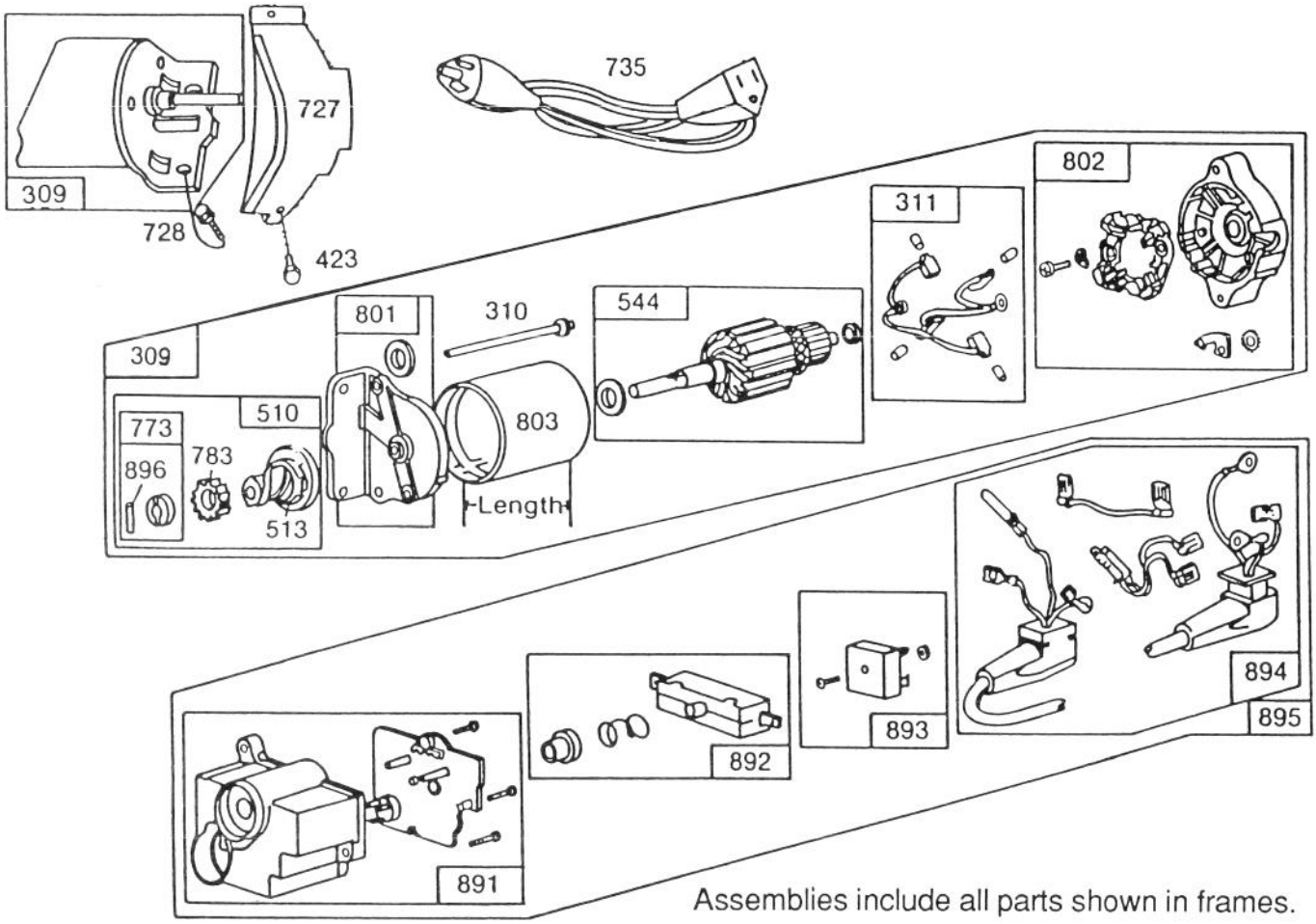


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 190406 TYPE 3104–01

Ref. No.	Part No.	Description	No. Used
23	391983	Flywheel and Ring Gear Assembly – Magneto	1
24	222698	Key – Flywheel	1
55	398099	Housing – Rewind Starter	1
56	295871	Pulley – Rewind Starter	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	94128	Screw – Rewind Starter Housing Mounting	1
66	399671	Clutch Assy – Rewind Starter	1
67	394897	Housing – Rewind Starter Clutch	1
68	63770	Ball – Clutch	1
70	298799	Ratchet – Rewind Starter Clutch	1
71	221653	Washer – Retainer	1
73	221796	Screen – Rewind Starter	1
74	93042	Screw	1
75	220865	Washer – Spring	1
76	68238	Washer – Ratchet Sealing	1
186A	280727	Connector – Fuel Pipe	1
187	393815	Pipe – Fuel	1
200	221760	Guide – Air	1
231	93064	Screw	1
304	399271	Housing – Blower	1
305	93158	Screw	1
333	398811	Armature – Magneto	1
334	93381	Screw – Armature	1

Ref. No.	Part No.	Description	No. Used
353A	94281	Washer – Lock	1
356	398838	Wire – Ground	1
363	19203	Puller – Flywheel	1
373	92987	Nut – Hex.	1
387	399255	Primer	1
474	391595	Stator and Bracket – Alt.	1
482	93621	Screw	1
528	399254	Hose – Fuel	1
528A	399256	Hose – Fuel	1
538	390167	Rod – Control	1
601	93053	Clamp – Fuel Pipe **Note:** 93807 Clamp – Hose (Red)	2
601A	94171	Clamp – Hose (For 1/4" O.D. Hose)	1
608	397982	Starter Assy. – Rewind	1
655	222598	Anchor – Spring	1
682	211516	Shield – Starter Clutch	1
726	392134	Gear – Ring (Aluminum – Includes Mounting Parts)	1
727	223597	Cover – Starter Gear **Uses:** 93712 Screw (2) 93713 Lockwasher (2) **Note:** 221968 Guard – Upper Ring Gear (Uses: 93535 Screw)	1
730	299384	Stack – Carburetor	1
731	399157	Hood – Snow	1
805	94189	Nut – Primer Retaining	1
851	221798	Terminal – Ignition Cable	1
1002	230738	Trim – Blower Housing	1
1016	490817	Spacer – Pulley	1



Assemblies include all parts shown in frames.

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

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

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

*Not Illustrated
†Obtain from The TORO Co.
Note: Obtain individual parts from your local Briggs & Stratton Dealer.

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