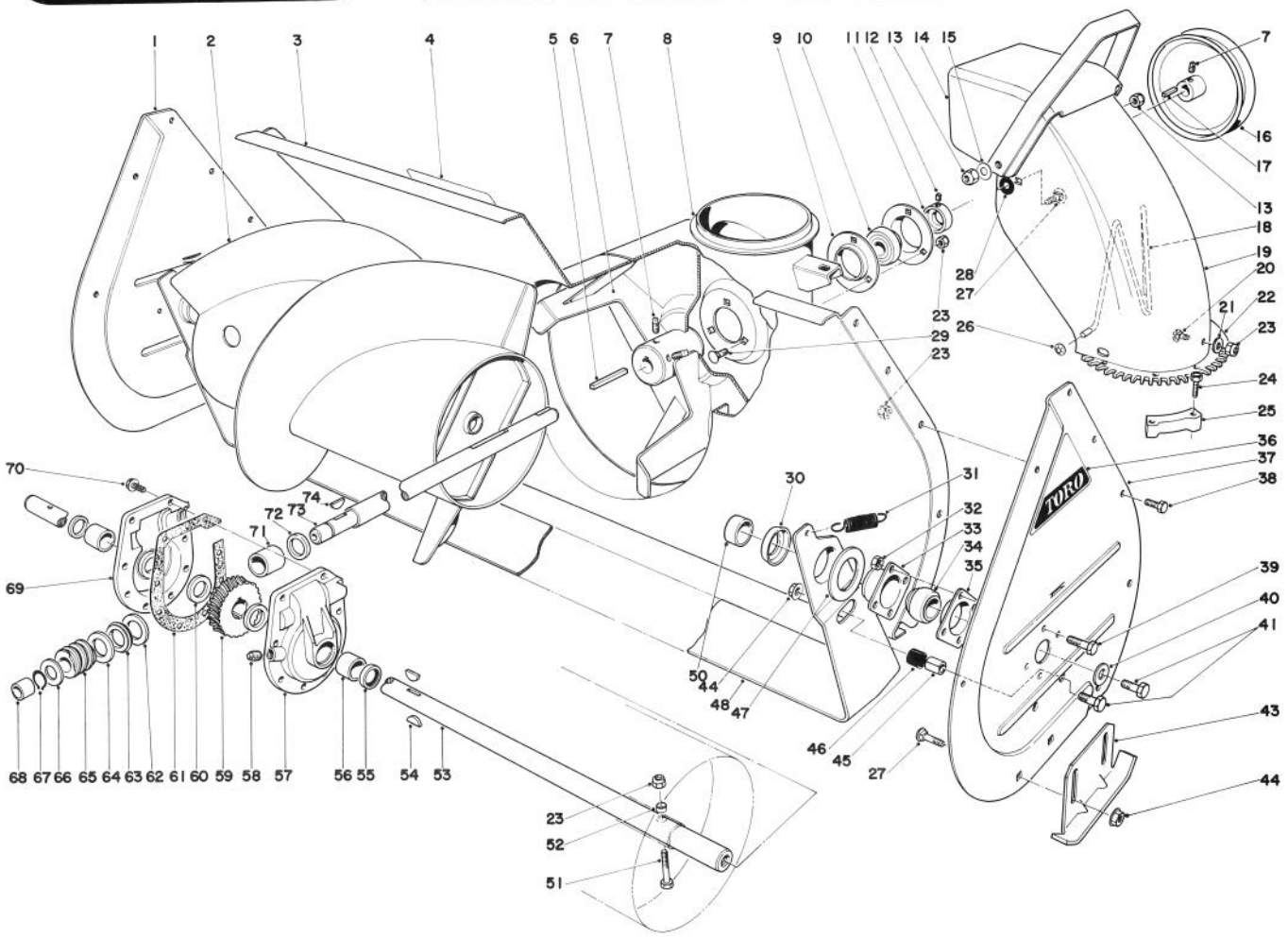
FORM NO. 3312-224

TORO®

MODEL NO. 38090 — 4000001 & UP

PARTS CATALOG

1132 SNOWTHROWER



AUGER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	39-6120	Sideplate Auger R.H.	1
2	26-6180	Auger R.H.	1
*	26-6190	Auger L.H.	1
3	25-5110	Auger Housing	1
4	29-6350	Decal — Auger Warning	1
5	6-8590	Key — Impeller	1
6	19-8890	Impeller	1
7	3242-4	Set Screw	4
8	25-5170	Chute Ring	1
9	251-229	Bearing Flange	2
10	251-224	Bearing — Impeller	1
11	251-231	Locking Collar	1
12	3245-32	Set Screw	2
13	32152-2	Locknut	2
14	11-7120	Deflector	1
15	3290-340	Washer Belleville	2

Ref. No.	Part No.	Description	No. Used
16	5-7400	Pulley Impeller	1
17	3-6857	Key	1
18	12-2040	Chute Wire	1
19	25-5440	Upper Chute	1
20	3230-18	Carriage Bolt	3
21	3256-23	Washer	3
22	25-5290	Swivel Plate	1
23	3296-29	Locknut	18
24	27-0220	Screw Special	6
25	25-5450	Swivel Block	3
26	3290-326	Pushnut	2
27	3231-27	Carriage Bolt	6
28	20-4320	Washer Rubber	2
29	3230-1	Carriage Bolt	3
30	26-6400	Positioner — Scraper Blade	2
31	5-7290	Spring Scraper	2

*Not Illustrated

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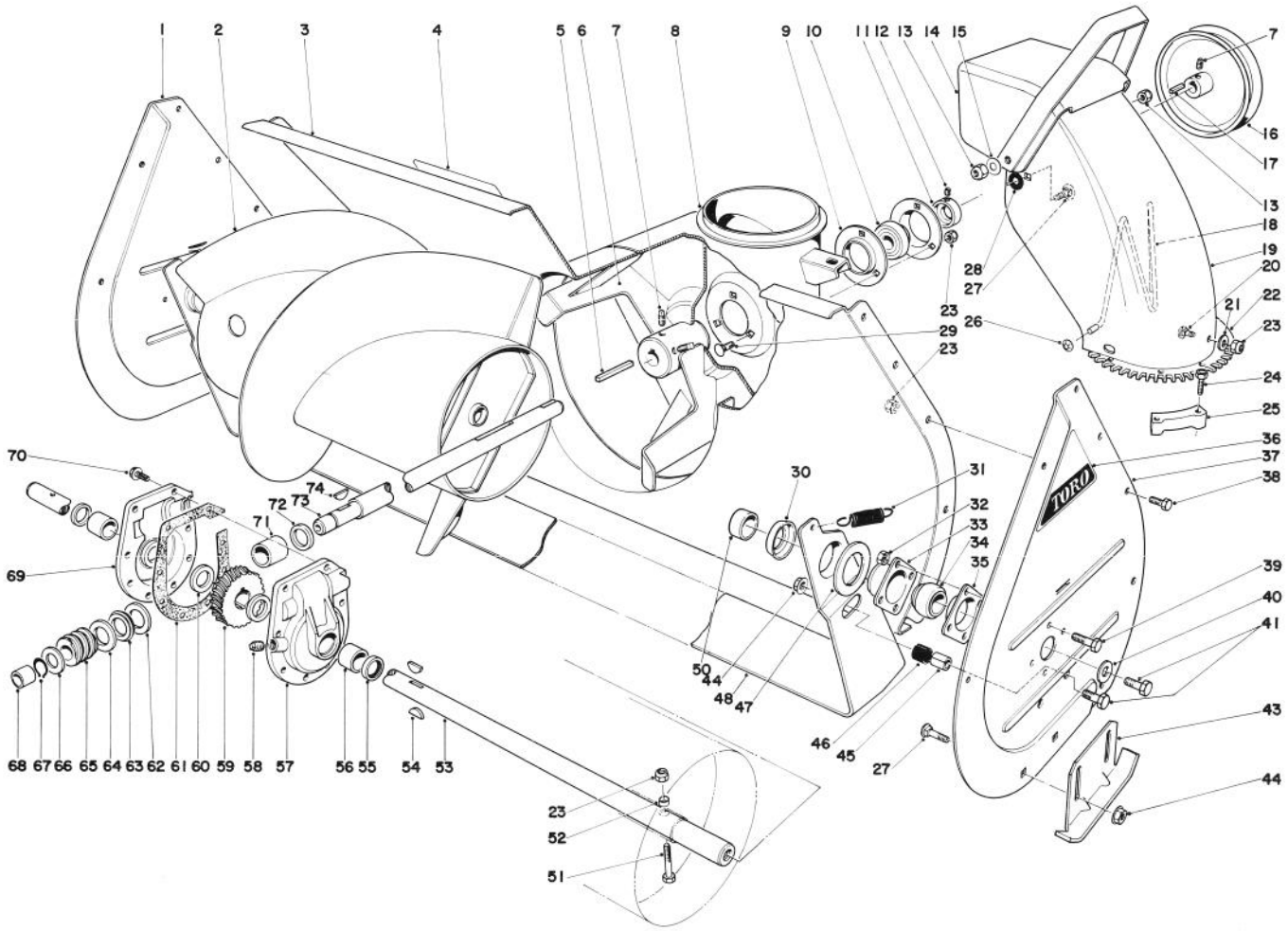
MINNEAPOLIS, MN 55420 — U.S.A.

PRICE $1.00

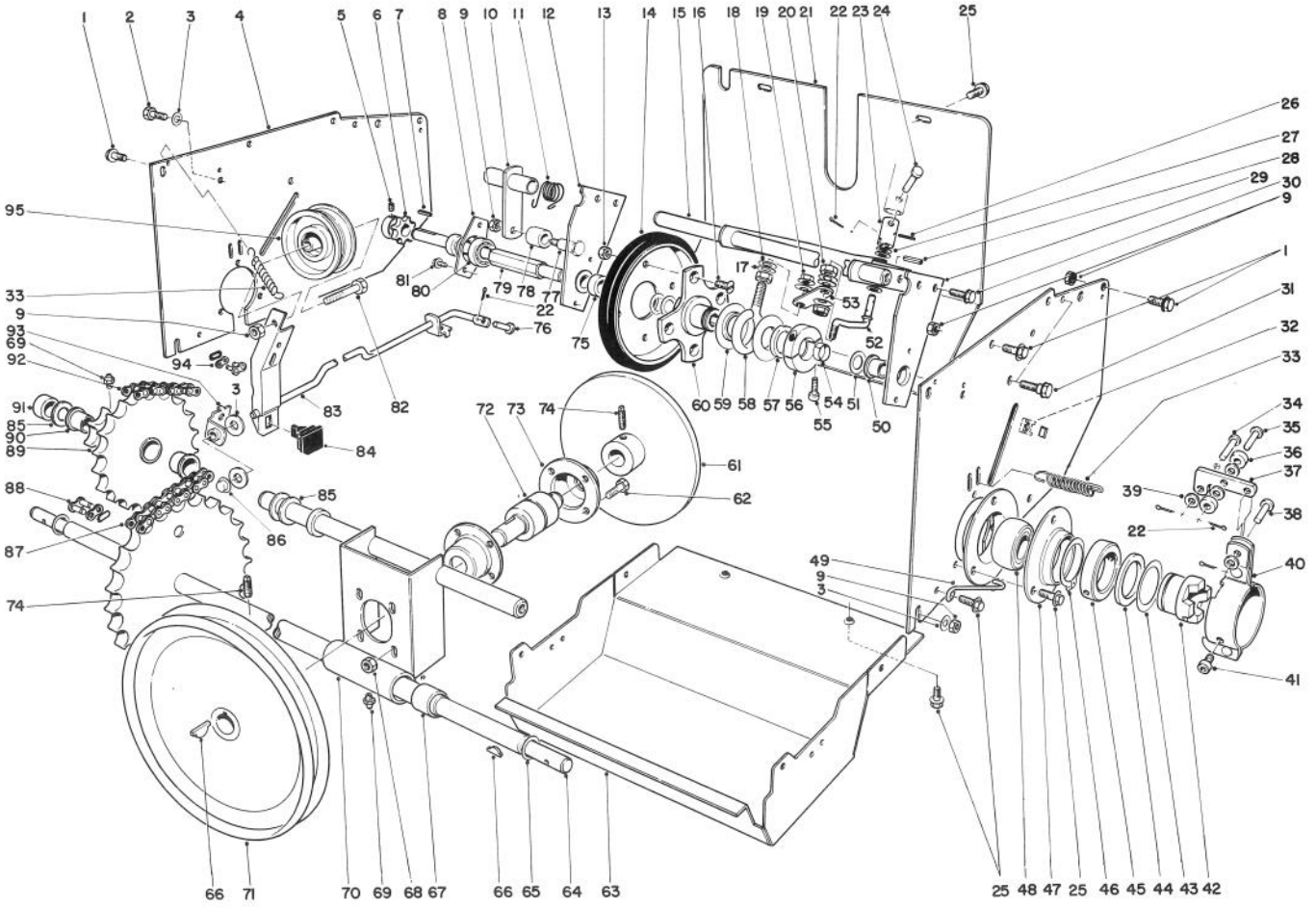


AUGER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
32	32152-4	Locknut	8
33	20-0990	Flange Bearing Front	2
34	20-0980	Bearing	2
35	20-1000	Flange Bearing Rear	2
36	17-6500	Decal – Auger Side Plate	2
37	39-6130	Sideplate Auger L.H.	1
38	322-2	Capscrew	10
39	321-3	Capscrew	8
40	3-0750	Flat Washer	2
41	323-6	Capscrew	4
43	20-2840	Auger Skid	2
44	32128-21	Locknut	6
45	25-5140	Standoff – Scraper Stop	2
46	25-5150	Bumper – Scraper Stop	2
47	20-0300	Spacer – Scraper Blade	2
48	19-9160	Scraper Blade	1
50	26-6390	Spacer Auger	2
51	17-7030	Bolt Auger	2
52	25-5090	Spacer Auger Hub	2
53	11-7010	Shaft Auger	1
54	3257-33	Key Woodruff	2
55	7-0045	Oil Seal	2
56	256-237	Bushing	2

Ref. No.	Part No.	Description	No. Used
57	37-8860	Gear Case L.H. (Incl. Ref. #55-56)	1
58	281-1	Pipe Plug	1
59	5-7180	Gear Worm	1
60	252-71	Thrust Bearing	2
61	40-8330	Gasket	1
62	252-78	Thrust Washer	1
63	252-76	Thrust Bearing	1
64	252-77	Thrust Washer	1
65	5-7170	Worm	1
66	3-8664	Thrust Washer	1
67	32120-72	Retaining Ring	1
68	256-32	Bushing	1
69	37-8850	Gear Case R.H. (Incl. Ref. #55-56)	1
70	32144-41	Thread Forming Screw	8
71	20-3210	Bushing	1
72	237-87	Seal	1
73	19-8540	Shaft Impeller	1
74	3257-23	Key Woodruff	1
*	25-5280	Gear Case Assembly Complete	1
†	20-0650	Drift Storage Bar	1

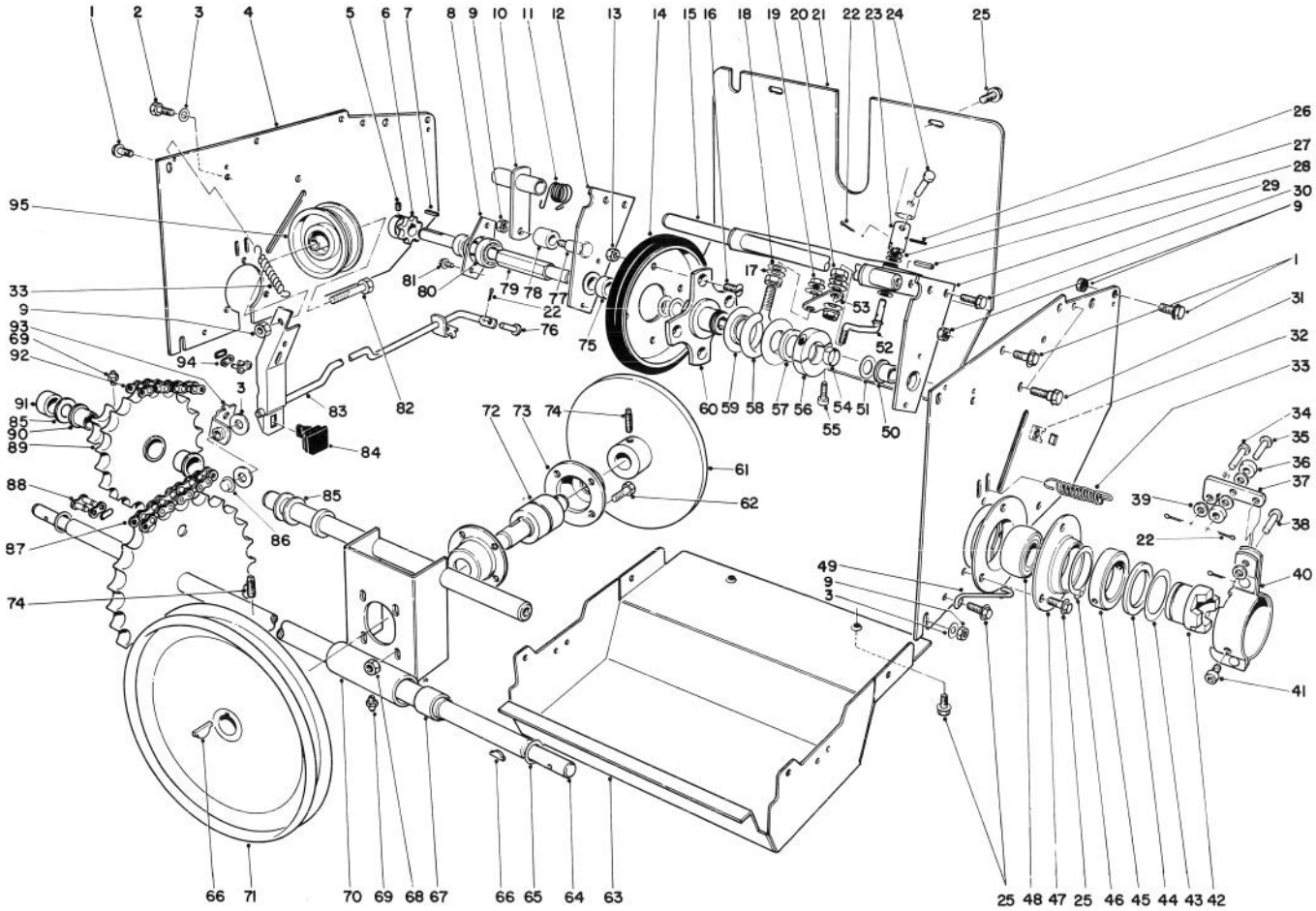
*Not Illustrated
†Optional Equipment



TRACTION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-6	Capscrew	7
2	32144-15	Hex Thread Forming Screw	2
3	3256-25	Washer	5
4	22-7990	Side Plate Drive	2
5	3245-32	Set Screw	2
6	5-9820	Sprocket	1
7	3-6168	Square Key	1
8	22-8950	Bearing Cup	1
9	32146-2	Hex Locknut	11
10	26-6470	Chain Tensioning Arm	1
11	26-8950	Spring – Chain Tensioner	1
12	26-6070	Mount – Hex Shaft R.H.	1
13	32146-5	Locknut	4
14	40-8170	Disc Assembly	1
15	11-8010	Bracket – Dead Shaft	1
16	32108-94	Screw – Flat Head	4
17	3256-45	Washer	2
18	3290-301	Spring Washer	4
19	32128-12	Flange Nut	2
20	32146-6	Locknut	2
21	8-7950	Rear Shield	1
22	3272-5	Cotter Pin	8
23	11-8070	Tube – "U" Joint	1
24	283-31	Clevis Pin	1
25	32144-10	Screw – Thread Forming	14
26	32121-50	Roll Pin	2
27	252-89	Thrust Washer	3
28	32121-11	Roll Pin	2

Ref. No.	Part No.	Description	No. Used
29	26-6330	Hex Shaft Mounting (Incl. Ref. #50)	1
30	32144-11	Screw – Thread Forming	4
31	11-8140	Shoulder Screw	4
32	3290-433	Retained Nut	2
33	10-3890	Spring – Extension	3
34	283-29	Clevis Pin	2
35	283-17	Clevis Pin	2
36	10-3910	Roller – Clutch	4
37	20-1050	Arm – Clutch Cam	2
38	283-16	Clevis Pin	2
39	3256-14	Washer	10
40	20-2290	Clutch Mounting Bracket	2
41	3274-42	Hex Socket Capscrew	4
42	26-5990	Wheel Clutch	2
43	10-3980	Thrust Washer	2
44	256-214	Thrust Bearing	2
45	10-3860	Collar – Clutch Mounting	2
46	32151-35	Ring – Retainer	2
47	20-1020	Bearing Flange	4
48	20-1010	Bearing Axle	2
49	41-8570	Retainer – Clutch	2
50	256-219	Bushing	1
51	5-7570	Washer – Friction Wheel Shaft	3
52	11-8090	Rod – Connecting	1
53	11-8060	Pivot – Shift Rod	1
54	11-3180	Spacer – Split	1
55	3274-26	Hex Socket Capscrew	2

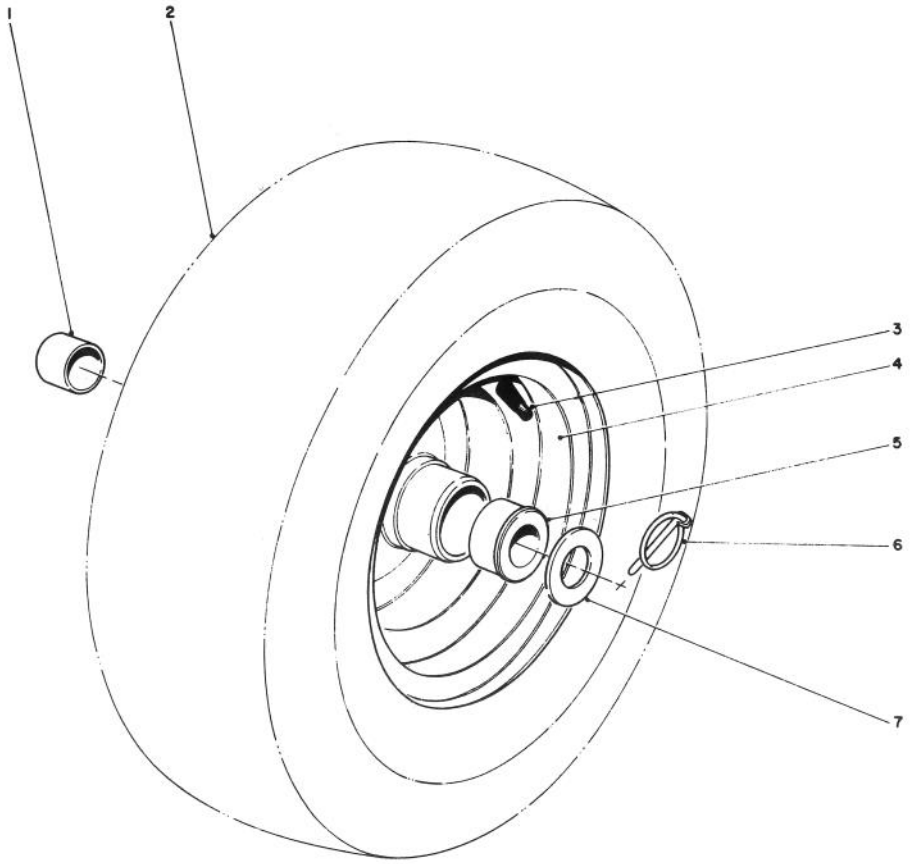


TRACTION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
56	20-4610	Collar	1
57	252-71	Thrust Bearing	1
58	11-8050	Slider Ring Collar	1
59	11-8080	Ring – Slider	2
60	20-3310	Hub – Traction Disc	1
61	23-4970	Friction Plate	1
62	322-3	Capscrew	4
63	11-7140	Shield – Lower	1
64	26-5950	Axle Shaft	1
65	3-0737	Thrust Washer	2
66	3257-23	Key – Hi Pro	6
67	256-232	Bushing	2
68	32149-1	Locknut	4
69	302-5	Grease Fitting	2
70	25-5190	Bulkhead (Incl. Ref. #67)	1
71	5-7410	Pulley – Drive	1
72	23-4950	Friction Plate Shaft	1
73	10-0070	Bearing Housing	2
74	3242-4	Set Screw	4
75	22-9190	Spacer	2
76	283-6	Clevis Pin	1
77	7-0846	Shoulder Bolt	1

Ref. No.	Part No.	Description	No. Used
78	26-8940	Roller – Chain Tensioner	1
79	11-8940	Shaft – Friction Wheel	1
80	251-260	Bearing	1
81	12-3270	Hex Washer Head Thread Forming Screw	2
82	323-8	Capscrew	1
83	8-9139	Auger Brake Assembly (Incl. Ref. #84)	1
84	40-8140	Brake Pad – Molded	1
85	3-8664	Thrust Washer	3
86	3290-383	Pushnut	1
87	23-7260	Lower Chain	1
88	2710-11	Connecting Link	1
89	8-8709	Sprocket (Incl. Ref. #69 & 90)	1
90	256-215	Bushing	2
91	23-7250	Spacer	1
92	5-9430	Upper Chain	1
93	20-2940	Bracket – Clutch Rod	1
94	2710-6	Connecting Link	1
95	3-4244	Pulley – Idler	1
*	8-8449	Loose Parts	1

*Not Illustrated

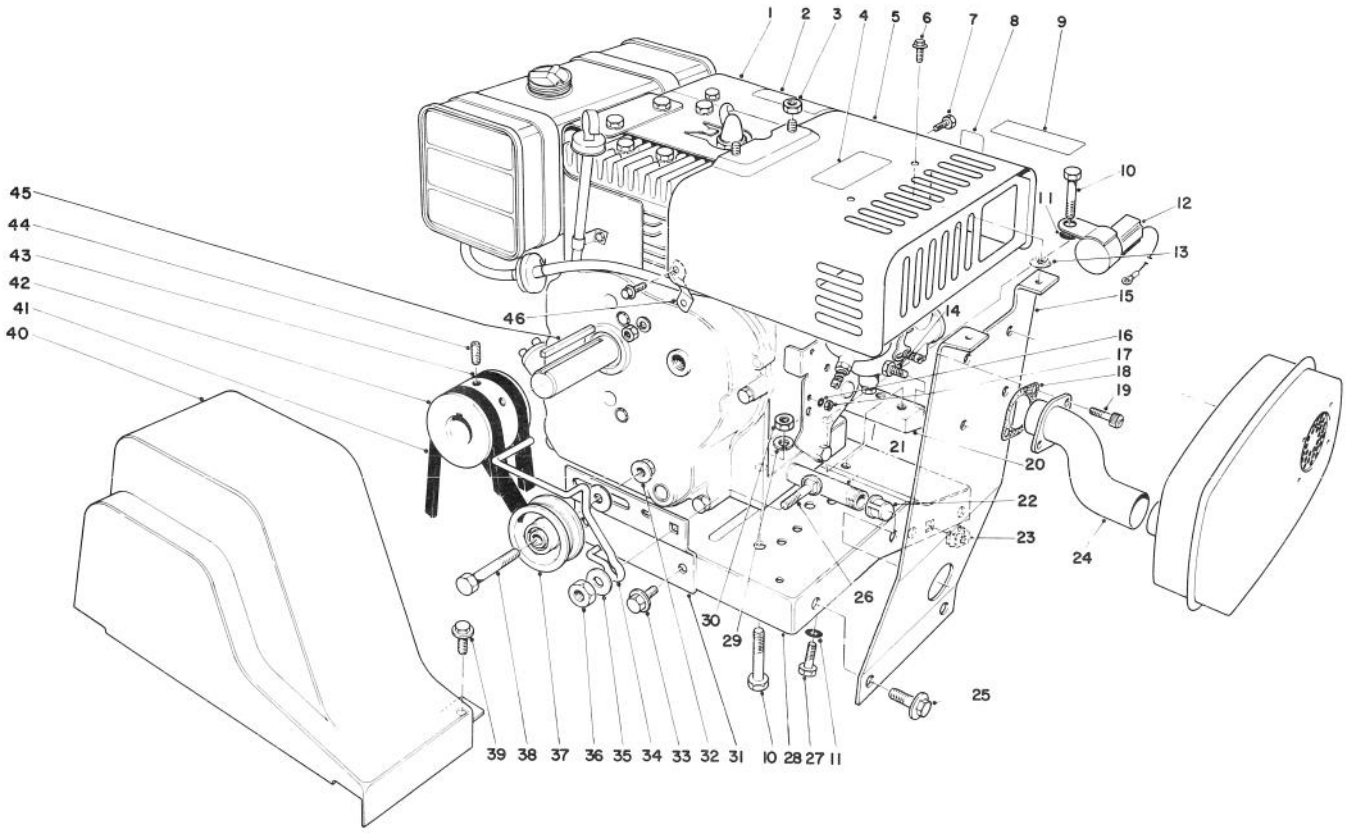


WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	256-205	Bushing	2
2	231-92	Tire	2
3	232-27	Valve Stem	2
4	26-9880	Wheel & Hub Assembly (Incl. Ref. #1 & 5)	2

Ref. No.	Part No.	Description	No. Used
5	256-117	Wheel Bushing	2
6	3290-243	Klip Pin	2
7	3-8664	Thrust Washer	2
†	23-2340	Tire Chain Optional (Set of 2)	1

†Optional Equipment

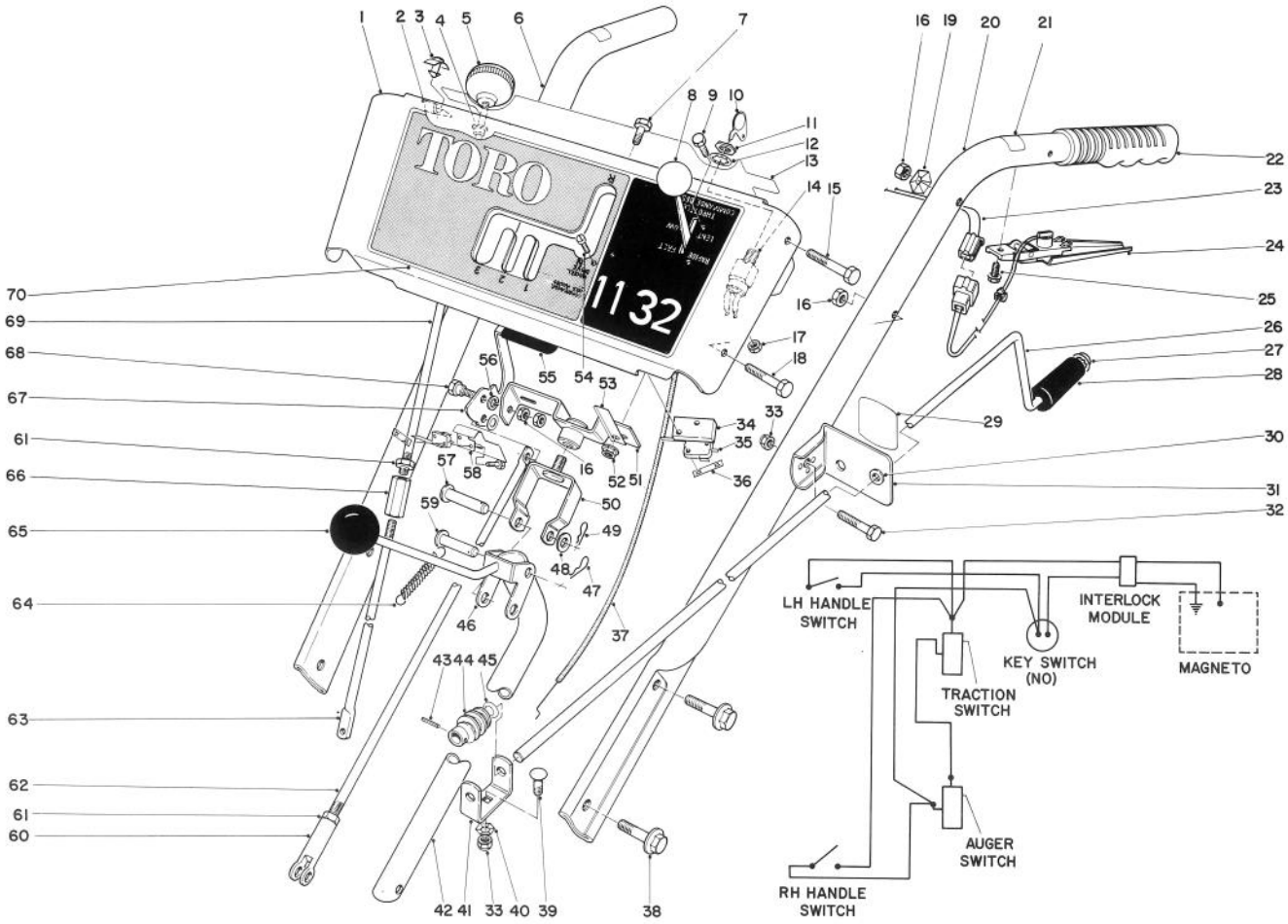


ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	221-757	Engine	1
2	41-8540	Decal – Hazards Caution	1
3	32153-3	Nut	3
4	29-6390	Decal – Hot Surface Warning	1
5	39-1780	Heater Box	1
6	12-3270	Screw – Special	3
7	32144-12	Screw	1
8	29-6400	Decal – Choke	1
9	42-1740	Decal Syncro Balance	1
10	322-9	Capscrew	4
11	3254-2	Int. Tooth Lockwasher	5
12	41-8610	Interlock Module	1
13	25-1600	Washer	2
14	32140-70	Hex Head Screw	4
15	39-1740	Muffler Mounting Bracket	1
16	3254-10	Int. Tooth Lockwasher	1
17	3296-1	Locknut	1
18	39-1810	Gasket	1
19	3274-12	Socket Head Set Screw	2
20	22-8960	Engine Mounting Block	1
21	289-20	Pipe Nipple	1
22	288-4	Pipe Cap	1
23	3290-433	Retained Nut	2
24	39-1800	Exhaust Pipe	1

Ref. No.	Part No.	Description	No. Used
25	323-6	Hex Flange Screw	2
26	3231-27	Carriage Bolt	1
27	322-3	Capscrew	2
28	22-9030	Engine Base	1
29	3256-23	Washer	2
30	3296-29	Locknut	2
31	41-8580	Bracket – Belt Idler	1
32	3290-357	Locknut	1
33	32144-15	Hex Forming Screw	2
34	41-8590	Belt Guide	1
35	3256-24	Washer	3
36	32146-2	Locknut	1
37	244-63	Idler Pulley	1
38	323-8	Capscrew	1
39	32144-10	Screw – Thread Forming	2
40	17-6550	Belt Guard	1
41	26-9670	V-Belt, Auger	1
42	21-4100	Engine Pulley	1
43	17-6540	V-Belt, Traction	1
44	3246-14	Set Screw	2
45	5-0930	Key	1
46	39-1790	Brace Heater Box	1
*	25-9150	Decal – Replacement Serial Plate	1

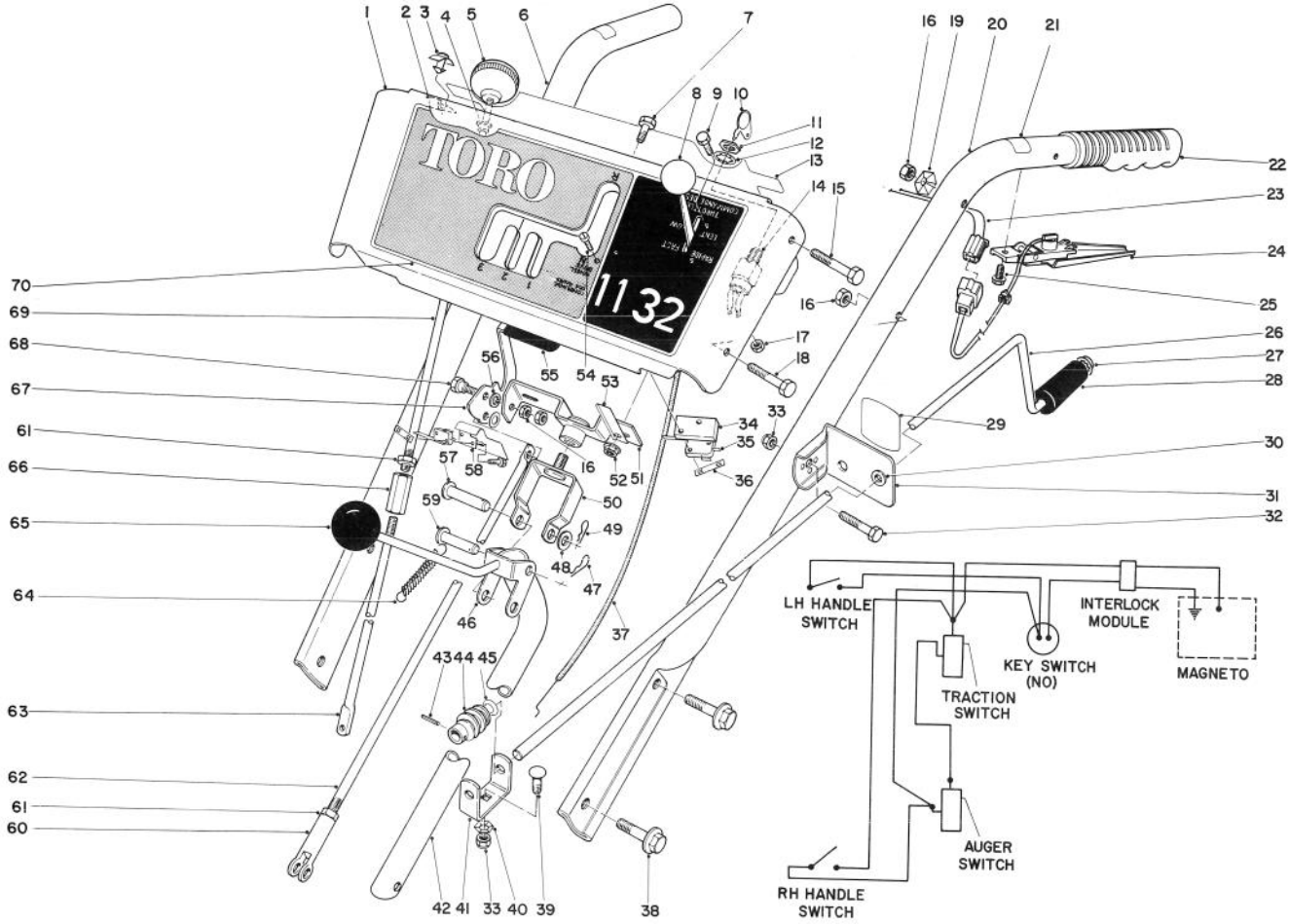
*Not Illustrated



HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	8-8909	Escutcheon Plate (Incl. Ref. #13 & 70)	1
2	43-7450	Clamp Wire	2
3	43-7460	Mounting Stud	2
4	256-240	Nyliner	2
5	233-10	Knob	2
6	40-8460	Handle – Right	1
7	321-3	Capscrew	2
8	233-36	Knob	1
9	32140-99	Hex Hd. Screw	2
10	33-2010	Keys	2
11	218-461	Hex Nut	1
12	3254-5	Lockwasher	1
13	29-6330	Decal – Escutcheon Back	1
14	40-8240	Key Switch	1
15	321-11	Capscrew	2
16	32152-4	Locknut	8
17	32146-18	Locknut	2
18	321-9	Capscrew	2
19	3290-257	Washer – Pyramidal	2
20	40-8450	Handle – Left	1
21	29-6360	Decal – Safety Interlock	2
22	6-0450	Handle Grip	2

Ref. No.	Part No.	Description	No. Used
23	40-8640	Wire Harness	1
24	40-9690	Interlock Handle & Switch	2
25	12-3270	Capscrew	2
26	41-8640	Rod Chute Control	1
27	3290-320	Push-On Speed Nut	1
28	40-8230	Chute Control Grip	1
29	29-6370	Decal – Chute Direction	1
30	256-249	Nyliner	1
31	6-3069	Bracket – Chute Control Mtg. (Incl. Ref. #29 & 30)	1
32	322-9	Capscrew	1
33	3296-29	Locknut	2
34	22-7950	Pad – Switch Mounting	1
35	40-8200	Micro Switch	2
36	3290-354	Speed Nut	2
37	8-7790	Throttle Control	1
38	3234-1	Flange Screw	4
39	3230-2	Carriage Bolt	1
40	3290-238	Pyramidal Washer	1
41	11-7110	Bracket – Worm	1
42	29-6450	Rod – Traction Shift	1
43	32121-50	Roll Pin	1
44	8-8600	Worm Gear – Chute	1

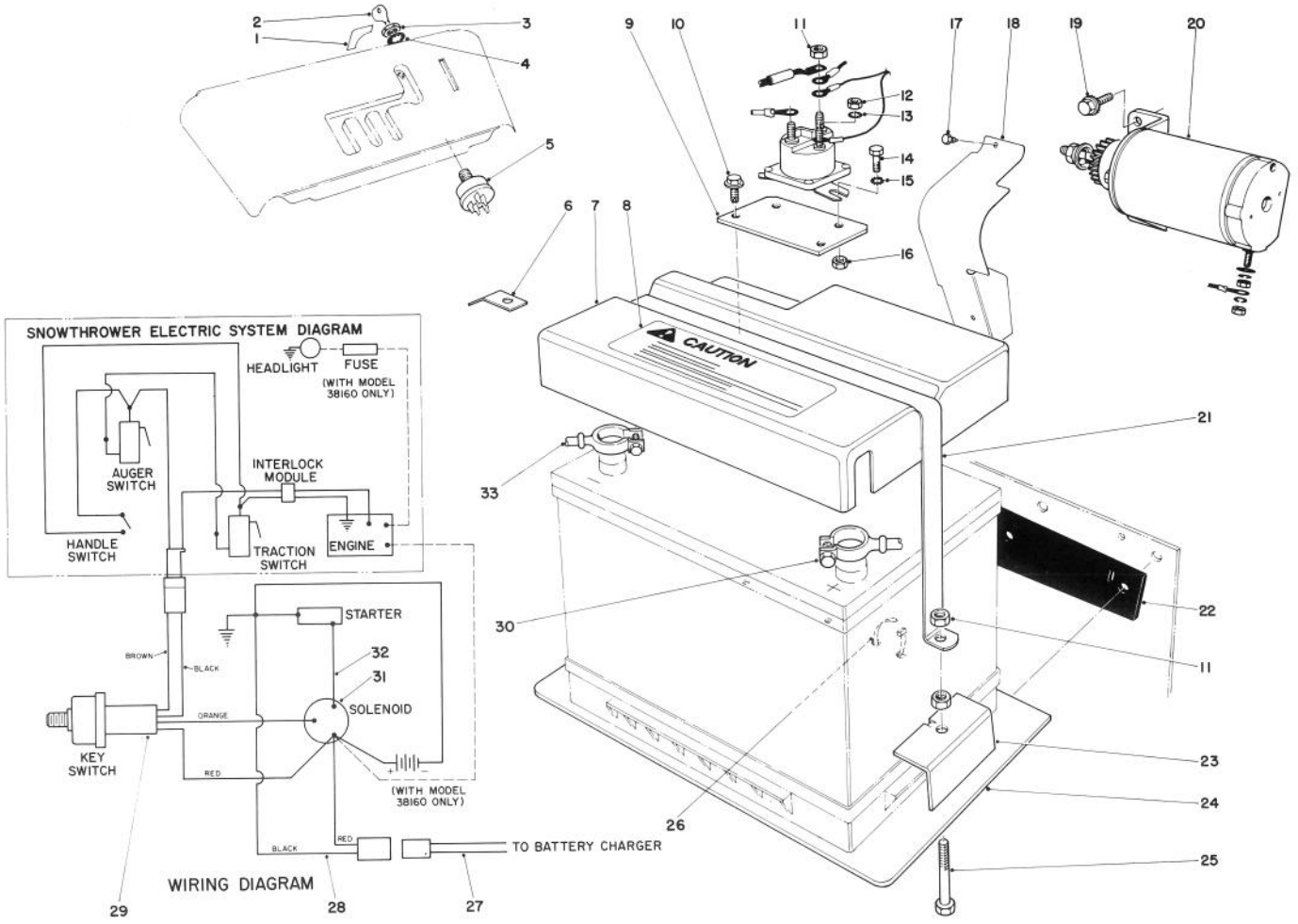


HANDLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	3290-212	Spring Washer	1
46	26-9370	Shift Rod	1
47	3290-307	Hair Pin Cotter	1
48	3256-6	Washer	1
49	3290-322	Hair Pin Cotter	1
50	29-6490	Pivot Bracket	1
51	8-7930	Swivel Block	1
52	32128-10	Flange Locknut	2
53	26-9410	Retainer – Wire	1
54	3290-313	Machine Screw	4
55	11-8970	Grip – Auger Handle	1
56	3256-23	Washer	2
57	283-5	Clevis Pin	1
58	22-9300	Bracket – Switch	1

Ref. No.	Part No.	Description	No. Used
59	283-15	Clevis Pin	1
60	39-4640	Clevis	1
61	3220-3	Jam Nut	3
62	29-6460	Drag Link	1
63	22-7970	Rod – Wheel Clutch, Lower	2
64	8-9900	Spring – Control Rod	1
65	233-21	Knob	1
66	22-7940	Coupling – Wheel Clutch Rod	2
67	17-6620	Handle – Auger Clutch	1
68	11-9030	Shoulder Bolt	2
69	29-6470	Rod – Wheel Clutch	2
70	37-0290	Decal – Escutcheon	1
*	3290-378	Cable Tie	2

*Not Illustrated

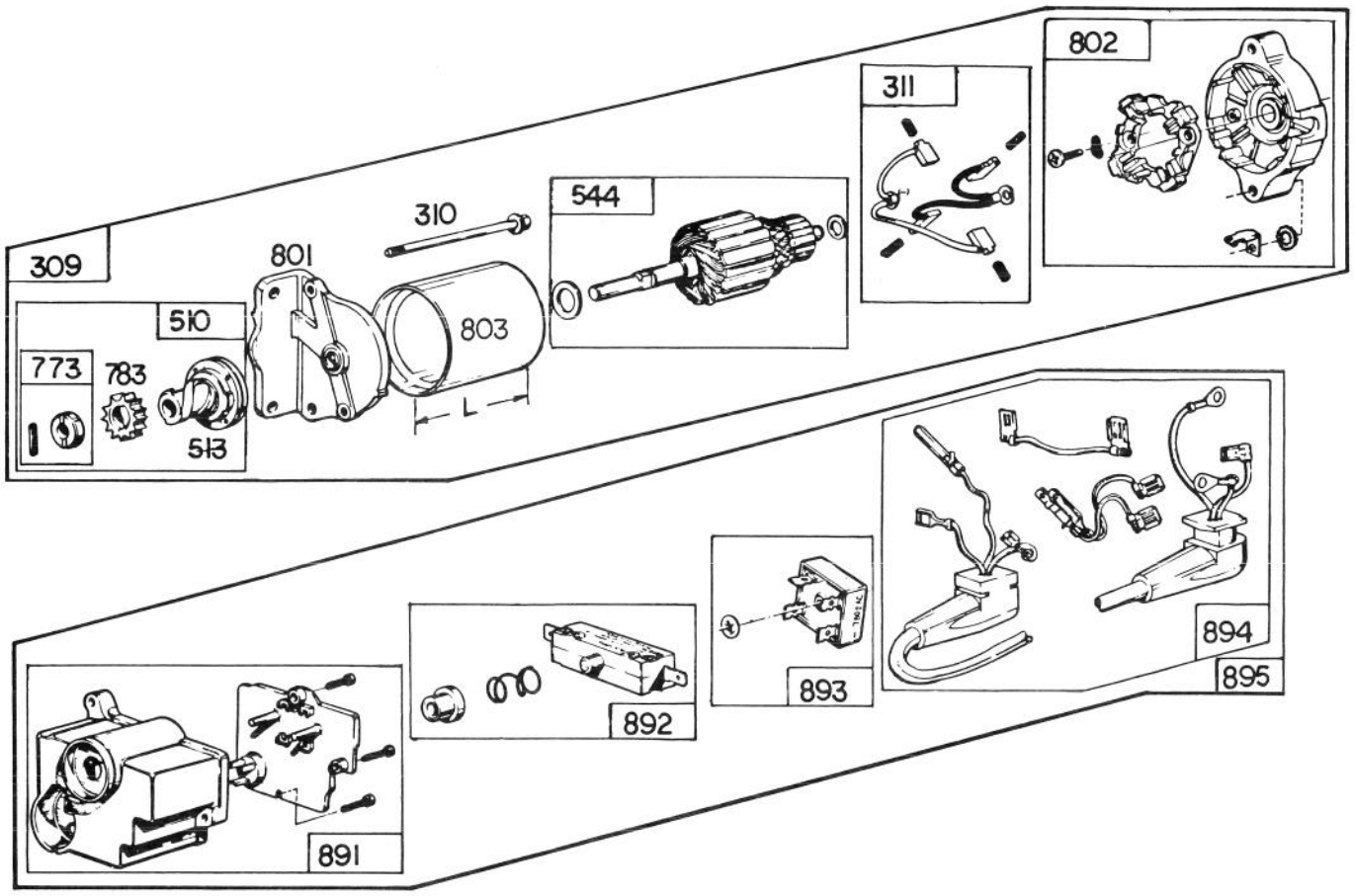


12 VOLT STARTING MOTOR KIT 42-3370 (Optional)

Ref. No.	Part No.	Description	No. Used
1	38-0640	Decal—Key Switch	1
2	33-2010	Key (Set of 2)	1
3	218-461	Hex Nut	1
4	3254-5	Lockwasher	1
5	42-3990	Starter Switch	1
6	22-9060	Bracket Wire Clamp	1
7	8-2839	Battery Cover (Incl. Ref. #8)	1
8	38-0630	Decal - Caution	1
9	22-8880	Solenoid Mounting Bracket	1
10	32144-10	Thread Forming Screw	2
11	3217-6	Hex Nut	6
12	3219-14	Hex Nut	1
13	3254-1	Lockwasher	1
14	321-2	Capscrew	2
15	3255-7	Lockwasher	2
16	3296-42	Locknut	2
17	32108-57	Self Tapping Screw	2
18	20-7060	Pinion Shield	1

Ref. No.	Part No.	Description	No. Used
19	32140-45	Hex Hd. Screw	2
20†		Starter Motor & Pinion Assy.	1
21	22-8850	Strap Battery Cover	1
22	24-6150	Battery Isolation Pad	1
23	22-8870	Battery Hold Downs	2
24	22-8830	Battery Mounting Plate	1
25	322-10	Capscrew	2
26	3290-378	Tie Wrap	5
27	29-7830	Wire Assembly	1
28	29-7820	Wire Assembly	1
29	42-4000	Wire Harness	1
30	22-9320	Battery Cable	1
31	6-1600	Solenoid	1
32	22-9310	Wire Assembly	1
33	22-9330	Battery Cable	1
*	26-3870	Charger 110V (U.S. & Canada)	1
*	26-7140	Charger 220V (Europe)	1

*Not illustrated; is not included with kit.
†Not available from The Toro Co.; for reference only.
Obtain from your local Briggs & Stratton dealer part no. 391177.



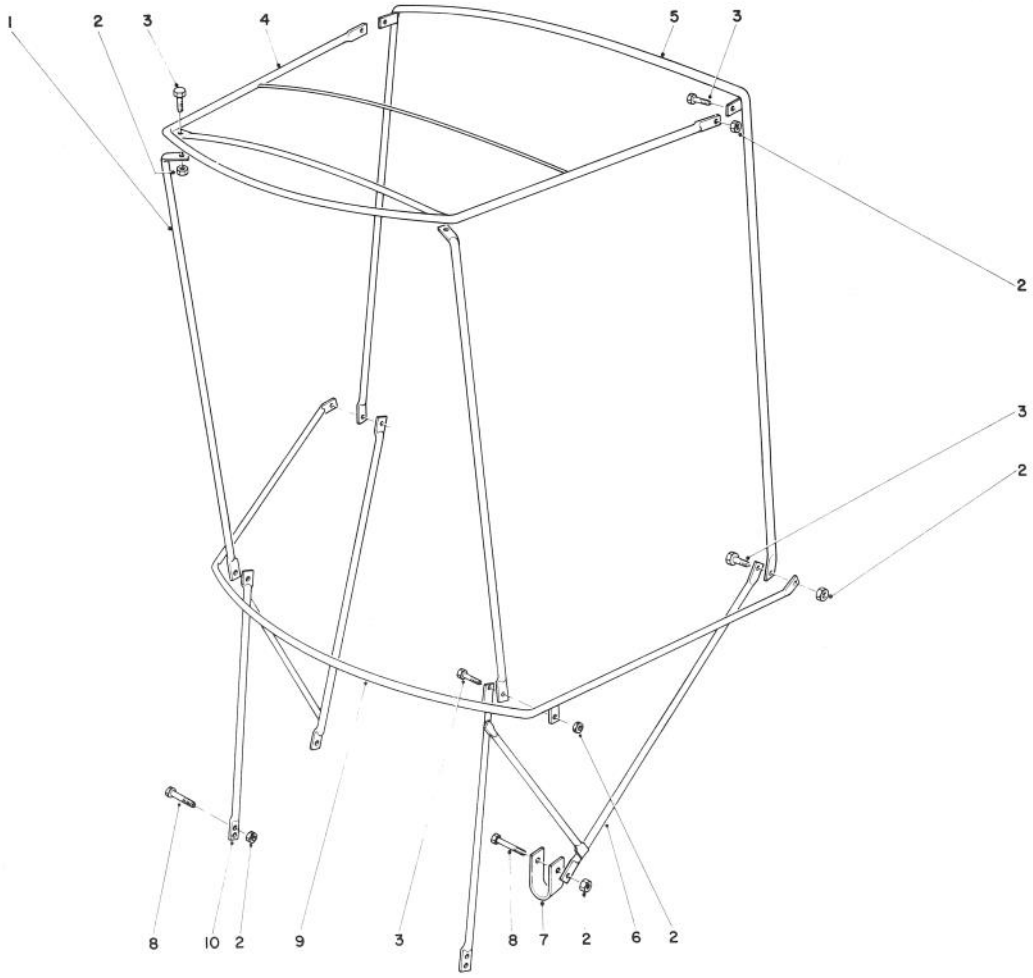
STARTER MOTOR KIT MODEL NO. 37-4630 (Optional)

Ref. No.	Part No.	Description	No. Used
309	393851	Motor & Drive Assembly	1
310	93889	Thru Bolt Assembly	1
311	393612	Brush Assembly	1
510	391461	Drive Assembly (Incl. Ref. 513, 773 & 783)	1
513	391135	Clutch Assembly	1
544	393607	Armature Assembly	1
773	391462	Retainer & Pin	1
783	280104	Gear	1
801	393228	Drive End Cap Assembly	1

Ref. No.	Part No.	Description	No. Used
802	393833	Comm. End Cap Assembly	1
803	393433	Housing Assembly	1
891	393705	Housing Group	1
892	393708	Switch Group	1
893	393707	Rectifier	1
894	393706	Lead Group	1
895	393486	Control Group	1
*†	38-0070	Bracket Switch	1
*†	32146-18	Nut	3
*†	3252-6	Fillister Hd. Machine Screw	3

*Not Illustrated
†Obtain from The Toro Co.

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

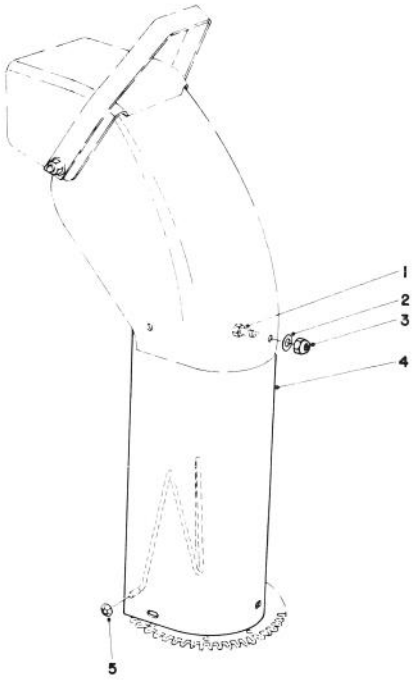


SNOW CAB ASSEMBLY MODEL 42-3380

Ref. No.	Part No.	Description	No. Used
1	12-8040	Front Corner Post	2
2	32153-4	Locknut	12
3	321-4	Capscrew	8
4	12-8010	Top Frame	1
5	12-8030	Rear Vertical Bow	1
6	42-4060	Attaching Bracket L.H.	1

Ref. No.	Part No.	Description	No. Used
7	12-8050	"U" Clamp	2
8	321-11	Capscrew	4
9	12-8020	Horizontal Curved Bow	1
10	42-4050	Attaching Bracket R.H.	1
*	42-4070	Vinyl Cover	1

*Not Illustrated

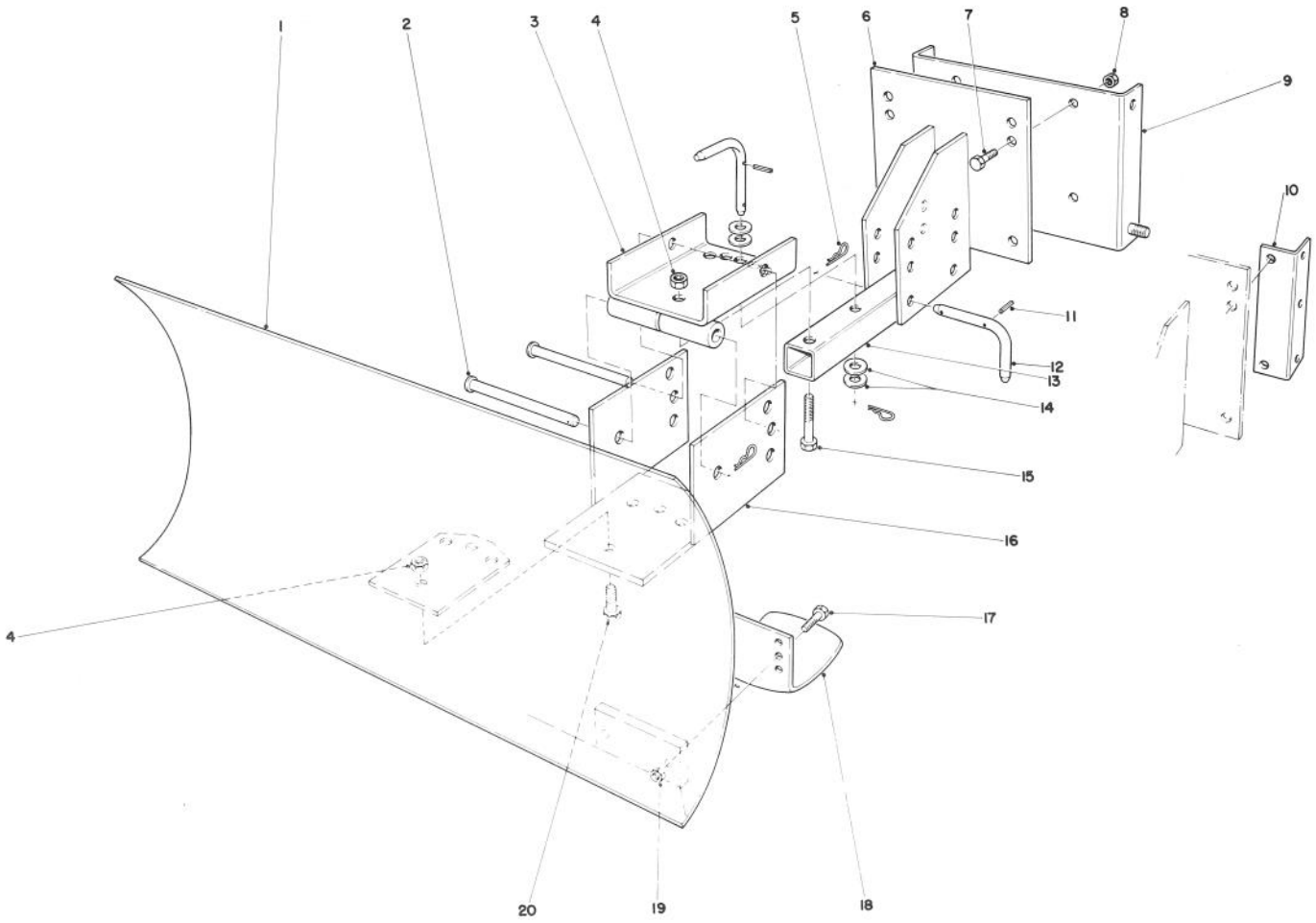


CHUTE EXTENSION KIT 26-1100 (Optional)

Ref. No.	Part No.	Description	No. Used
1	322-2	Hex Hd. Capscrew	6
2	3256-23	Washer	6
3	32152-1	Locknut	6

Ref. No.	Part No.	Description	No. Used
†4		Upper Chute Extender	1
5	3290-326	Pushnuts	2

†Not available, for reference only.



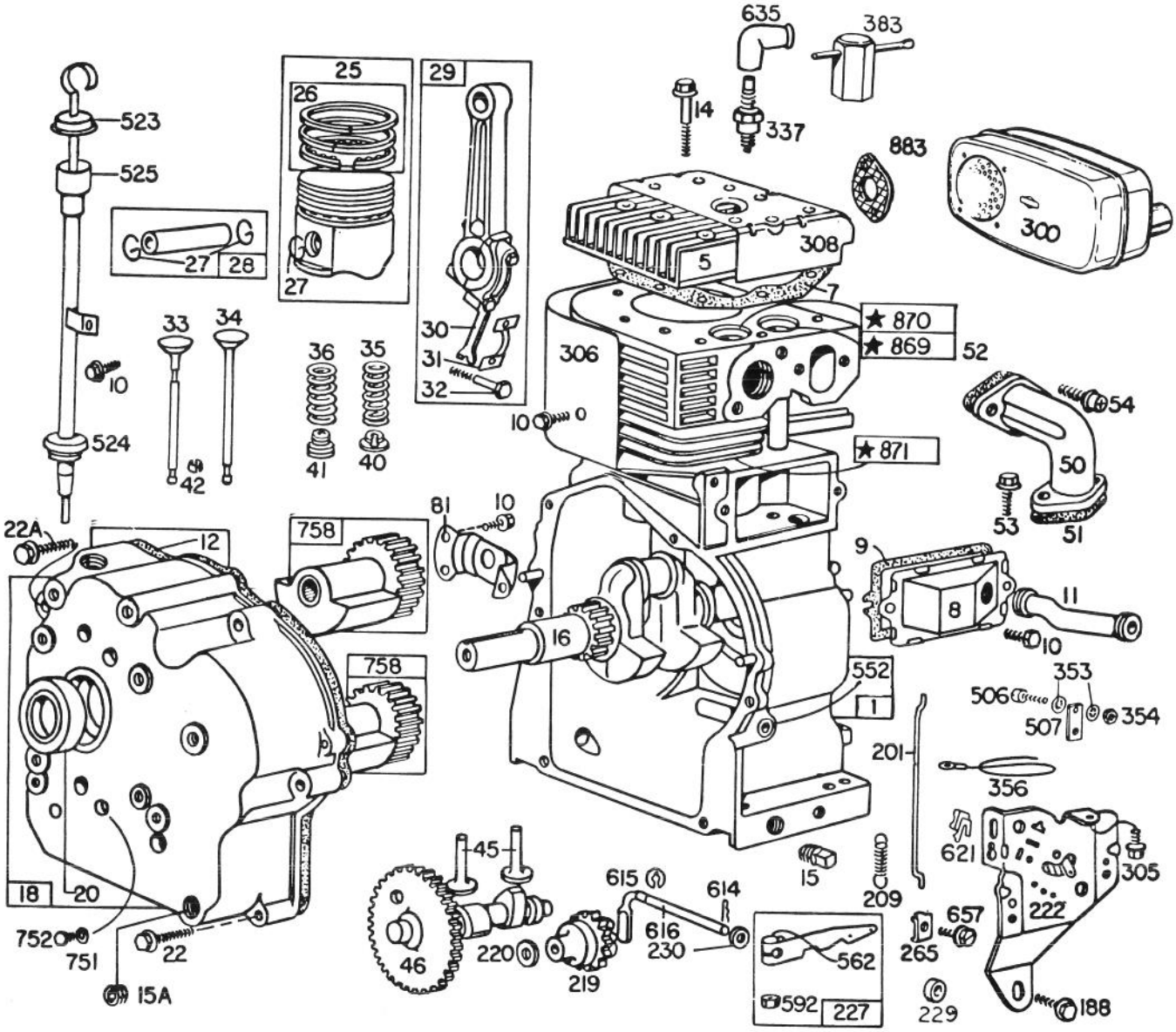
GRADER BLADE ASSEMBLY (MODEL NO. 59099) (Optional)

Ref. No.	Part No.	Description	No. Used
1	7-4374	Blade	1
2	283-38	Pin	2
3	20-5090	Swivel Bracket	1
4	32152-3	Locknut	5
5	3290-322	Hair Pin Cotter	5
6	20-5170	Mounting Plate	1
7	323-6	Capscrew	4
8	32152-2	Locknut	4
9	22-4920	Mounting Plate Bracket (used with 826 and 1132 only)	1
10	39-7850	Mounting Rail (used with 3521, 421 & 521 units only)	2

Ref. No.	Part No.	Description	No. Used
11	32121-45	Roll Pin	3
12	20-5210	Pivot Pin (Incl. Ref. #11)	3
13	20-5140	Blade Tongue	1
14	3256-5	Flat Washer	4
15	325-11	Capscrew	1
16	20-5130	Blade Adjustment Plate	1
17	322-6	Capscrew	4
18	7-1023	Skid	2
19	32152-1	Locknut	4
20	325-5	Capscrew	4
*	20-9960	Air Cleaner Kit (B & S)	1

*Not Illustrated

ENGINE BRIGGS & STRATTON MODEL NO. 252412-0685-01



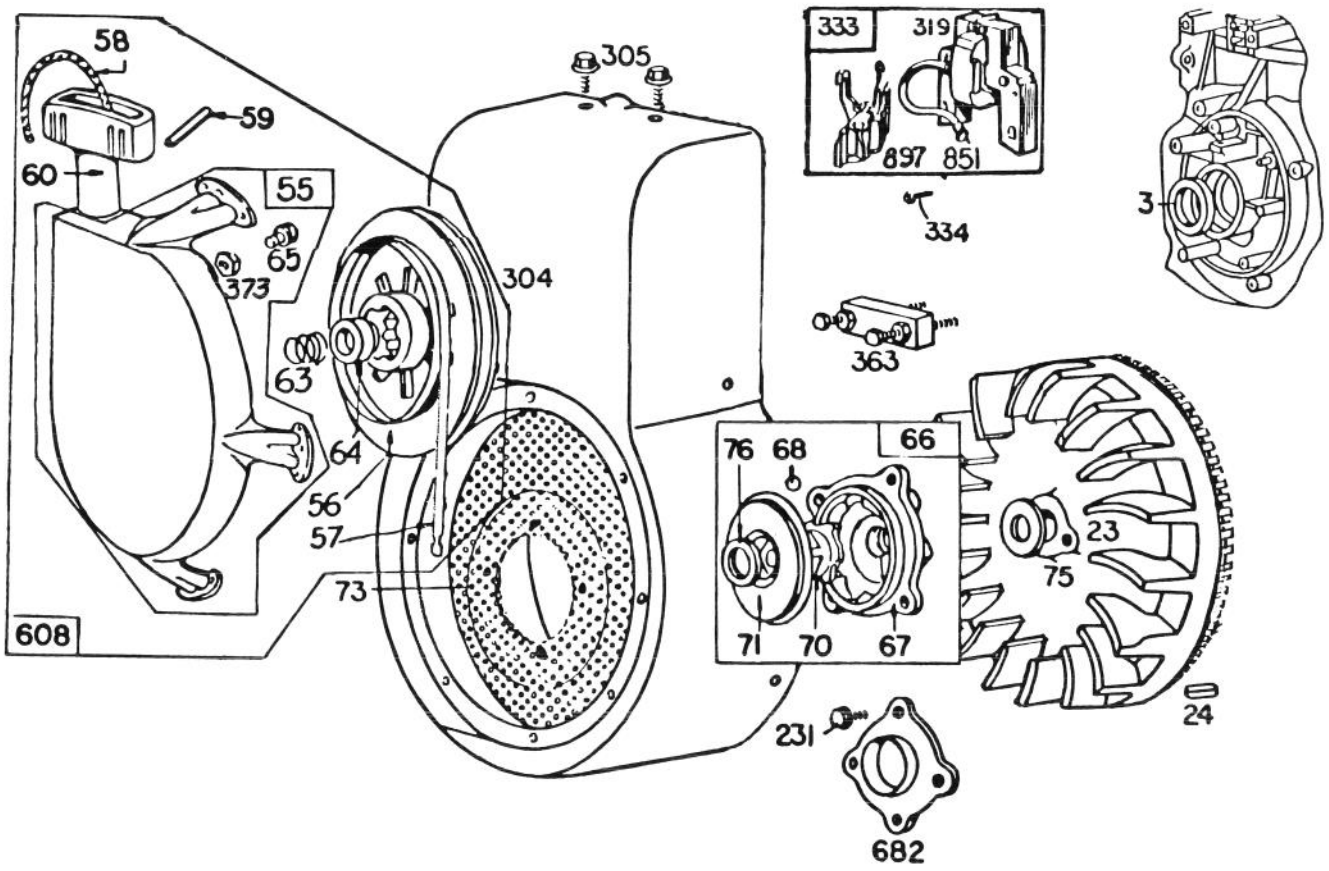
ENGINE BRIGGS & STRATTON MODEL NO. 252412-0685-01

Ref. No.	Part No.	Description	No. Used
1	396209	Cylinder Assembly	1
5	212305	Head Cylinder	1
7	*271075	Gasket – Cylinder Hd.	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 – 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)	1
		Note: 93211 Screw – Cylinder Head (2-21/32" Long)	4
		93781 Stud – Cylinder Head (3-3/8" Long)	1
		22963 Washer	
15	91084	Plug – Oil Drain	1
15A	93418	Plug – Hex. Socket	1
16	261336	Crankshaft	1
18	391747	Cover Assembly – Crankcase	1
20	291675	Seal – Oil	1
22	93585	Screw – Crankcase Cover Mtg.	1
		Note: 93730 Stud – Crankcase Cover Mounting	1
		90366 Washer – Lock	1
22A	93764	Screw – Crankcase Cover Mounting (2-1/8" Long)	1
25	391285	Piston Assembly – Standard	1
	391287	Piston Assembly – .010" O.S.	1
	391288	Piston Assembly – .020" O.S.	1
	391289	Piston Assembly – .030" O.S.	1
		PISTON RING SETS:	
		Note: For Chrome Ring Set – Standard Size – Order No. 392331.	
26	391780	Ring Set – Piston – Standard	1
	391781	Ring Set – Piston – .010" O.S.	1
	391782	Ring Set – Piston – .020" O.S.	1
	391783	Ring Set – Piston – .030" O.S.	1
27	260924	Lock – Piston Pin	1
28	299691	Pin Assembly – Piston – Std.	1
	391286	Pin Assembly – Piston – .005" O.S.	1
29	391816	Rod Assembly – Connecting	1
		Note: For Connecting Rod with .020" Undersized Crankpin Bore – Order No. 393712.	
30	222329	Dipper – Connecting Rod	1
31	222299	Lock – Connecting Rod Screw	1
32	92909	Screw – Connecting Rod	
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

Ref. No.	Part No.	Description	No. Used
41	292260	Rotocoil – Exhaust Valve	1
42	93630	Retainer – Exhaust Valve Rotocoil	2
45	261183	Tappet – Valve	1
46	212296	Gear – Cam	1
50	212301	Elbow – Intake	1
51	†*270267	Gasket – Carb. Mtg.	1
52	†*270872	Gasket – Intake Elbow Mounting	1
53	93415	Screw – Carburetor Mounting	1
54	93208	Screw – Intake Elbow Mounting	1
81	222407	Retainer – Counterweight	1
188	93535	Screw	1
201	261236	Link – Governor	1
209	260695	Spring – Governor	1
219	391737	Gear – Governor	1
220	221551	Washer – Thrust	1
222	391633	Plate – Gov. Control	1
227	391732	Lever Assy. – Governor	1
229	220680	Washer	1
230	222450	Washer – Gov. Crank	1
265	221535	Clamp – Casing	1
300	392101	Muffler – Exhaust	1
305	93158	Screw	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
353	92791	Washer – Lock – Shakeproof	1
354	90576	Nut – Hex.	2
356	298693	Wire – Ground (30" Long, Cut to Suit)	1
358	391834	Gasket Set	1
383	89838	Wrench – Spark Plug	1
506	90200	Screw – Machine, Fil. Hd.	1
507	66895	Insulator – Terminal	1
523	392295	Cap and Dipstick – Oil Filler	1
524	68838	Seal – Filler Tube	1
525	392283	Tube – Oil Filler	1
552	231056	Bushing – Gov. 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	297472	Switch – Stop	1
635	66538	Elbow – Spark Plug	1
657	93496	Screw	1
751	22355	Washer – Flat	1
752	93554	Screw – Plug	1
758	391481	Counterweight and Bearing Assembly	1
869	261463	Seat – Intake Valve (Std.)	1
870	210940	Seat – Exhaust Valve (Std.)	1
871		Guide – Exhaust Valve 231218 or 230655 See Repair Manual	1
883	270917	Gasket – Exhaust	1

*Included in Gasket Set – Part No. 391834.
†Included in Carburetor Overhaul Kit – 394989.

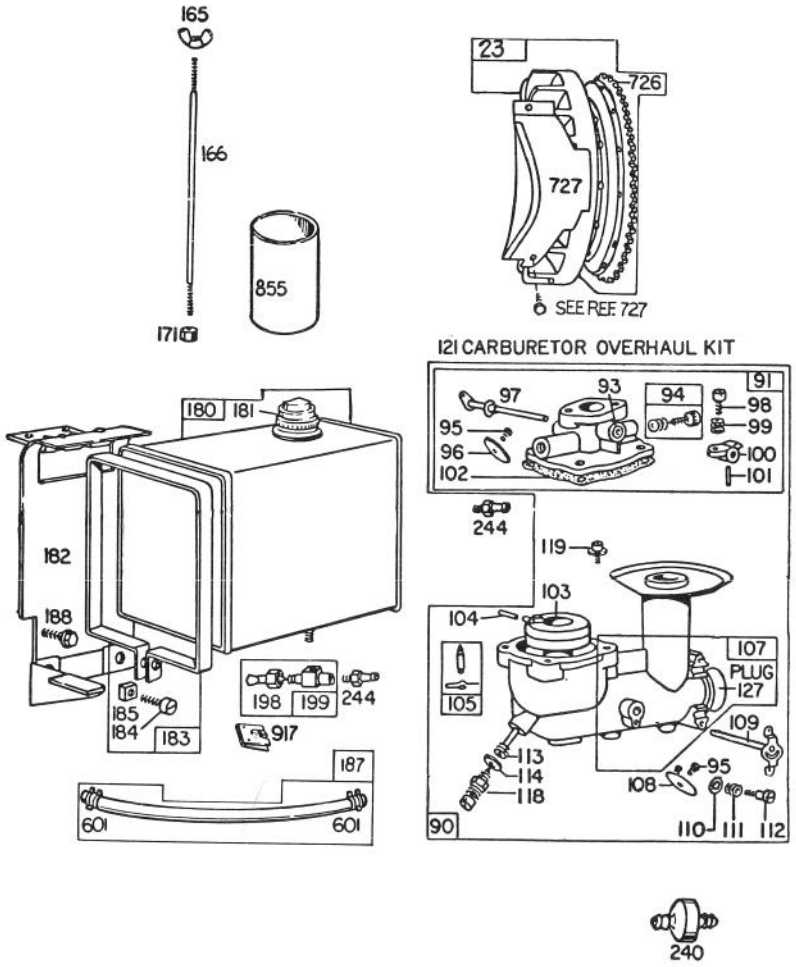
ENGINE BRIGGS & STRATTON MODEL NO. 252412-0685-01



ENGINE BRIGGS & STRATTON MODEL NO. 252412-0685-01

Ref. No.	Part No.	Description	No. Used
3	391086	Seal – Oil	1
23	391988	Flywheel and Ring Gear Assy. – Magneto	1
24	222698	Key – Flywheel	1
55	393576	Housing – Rewind Starter	1
56	295871	Pulley – Rewind Starter (Includes 63" Rope)	1
57	294303	Spring – Rewind Starter	1
58	66884	Rope – Rewind Starter (63" Long)	1
59	230228	Pin – Starter Grip	1
60	66728	Grip – Starter Rope	1
63	260414	Spring – Ratchet	1
64	230543	Adapter – Ratchet Spring	1
65	93067	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

Ref. No.	Part No.	Description	No. Used
71	221653	Washer – Retainer	1
73	221796	Screen – Rotating	1
75	220865	Washer – Spring	1
76	68238	Washer – Ratchet Sealing	1
231	93064	Screw	1
304	392738	Housing – Blower	1
305	93158	Screw	1
319	395326	Armature Assembly (Less Trigger Coil)	1
333	395492	Armature Group (MAGNETRON Ignition)	1
334	93381	Screw – Armature Mounting	1
363	19203	Puller – Flywheel (Optional Accessory)	1
373	92987	Nut – Hex.	1
608	390391	Starter Assy. – Rewind	1
682	211516	Shield – Starter Clutch	1
851	221798	Terminal – Ignition Cable	1
897	394970	Trigger Coil – (MAGNETRON Ignition)	1

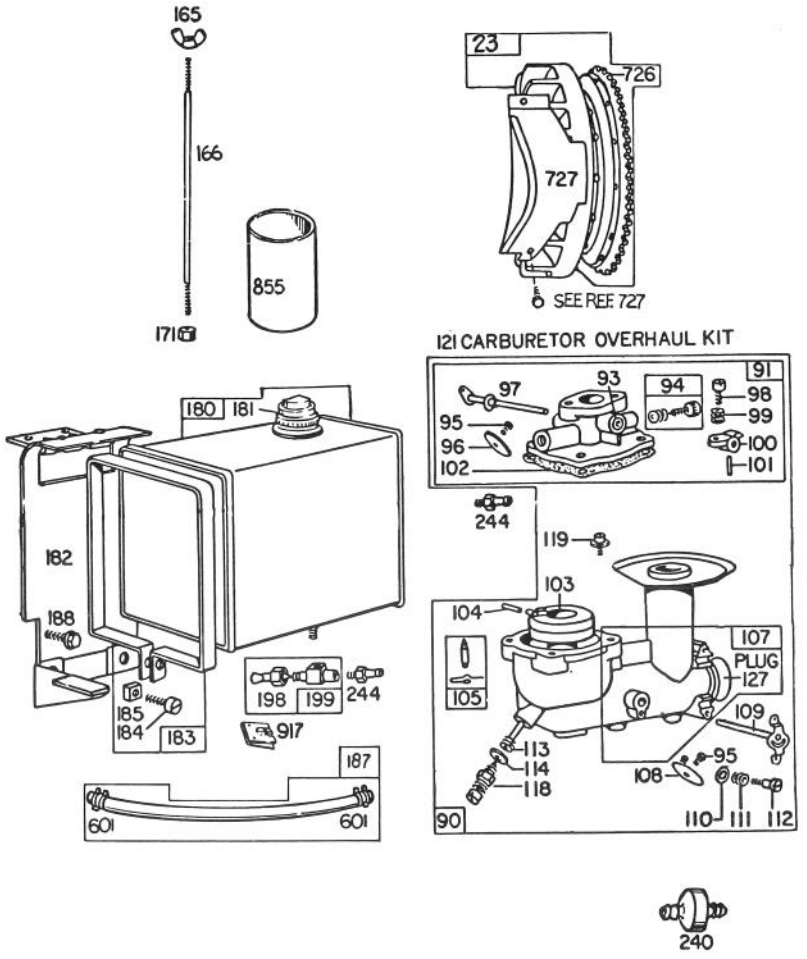


ENGINE BRIGGS & STRATTON MODEL NO. 252412-0685-01

Ref. No.	Part No.	Description	No. Used
23	391988	Flywheel and Ring Gear Assy. – Magneto	1
90	391992	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 and Choke Valve Mounting	1
96	221939	Valve – Throttle	1
97	391596	Shaft and Lever – Throttle	1
98	91920	Screw – Machine, Fil. Hd.	1
99	26157	Spring – Throttle Adjustment	1
100	211712	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 Assembly – Lower Carburetor	1

Ref. No.	Part No.	Description	No. Used
108	391836	Valve – Choke	1
109	391884	Shaft and Lever – Choke	1
110	62899	Washer – Choke Lever	1
111	26155	Spring – Choke Lever	1
112	23123	Screw – Choke Lever	1
113	†394730	Nozzle – Carburetor	1
114	†68667	Gasket – Nozzle	1
118	†99525	Valve – Needle	1
119	93496	Screw	1
121	394989	Carburetor Overhaul Kit	1
127	†221747	Plug – Welch	1
165	93453	Nut – Wing	1
166	231007	Stud – Air Cleaner	1
171	92129	Nut – Hex.	1
180	290816	Tank Assy. – Fuel (4 Quart)	1
181	297866	Cap – Fuel Tank	1
182	222333	Bracket – Fuel Tank (4 Quart)	1
183	291367	Strap Assy. – Fuel Tank (4 Quart)	1
184	91257	Screw – Machine, Fil. Hd.	1

*Included in Gasket Set – Part No. 391834.
†Included in Carburetor Overhaul Kit – 394989.



ENGINE BRIGGS & STRATTON MODEL NO. 252412-0685-01 (Continued)

Ref. No.	Part No.	Description	No. Used
185	90970	Nut – Square	1
187	296004	Pipe – Fuel	1
188	93535	Screw	1
198	293934	Valve – Fuel Shut-Off	1
199	297563	Outlet – Fuel Tank	1
240	298090	Filter – Fuel	1
244	230318	Connector – Fuel Pipe	1
601	93053	Clamp – Fuel Pipe	1
726	392134	Gear – Flywheel Ring (Includes Mounting Parts)	1

Ref. No.	Part No.	Description	No. Used
727	221940	Guard – Ring Gear	1
		Uses:	
		93712 Screw	2
		93713 Lockwasher	2
		To Mount Guard	
855	231145	Stack – Carburetor	1
		Uses:	
		222726 Strap	1
917	223271	Valve Handle – Fuel Shut-Off	1

*Included in Gasket Set – Part No. 391834.
†Included in Carburetor Overhaul Kit – 394989.

V25-914

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 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.

Keep Your TORO All Toro Genuine TORO PARTS & ACCESSORIES ***Insist on Genuine Toro Parts***

MAINTENANCE RECORD

Date	Hours Used	Check Scraper	Check Belt	Check Spark Plug	Preparing For Storage	Comments

Litho in U.S.A.