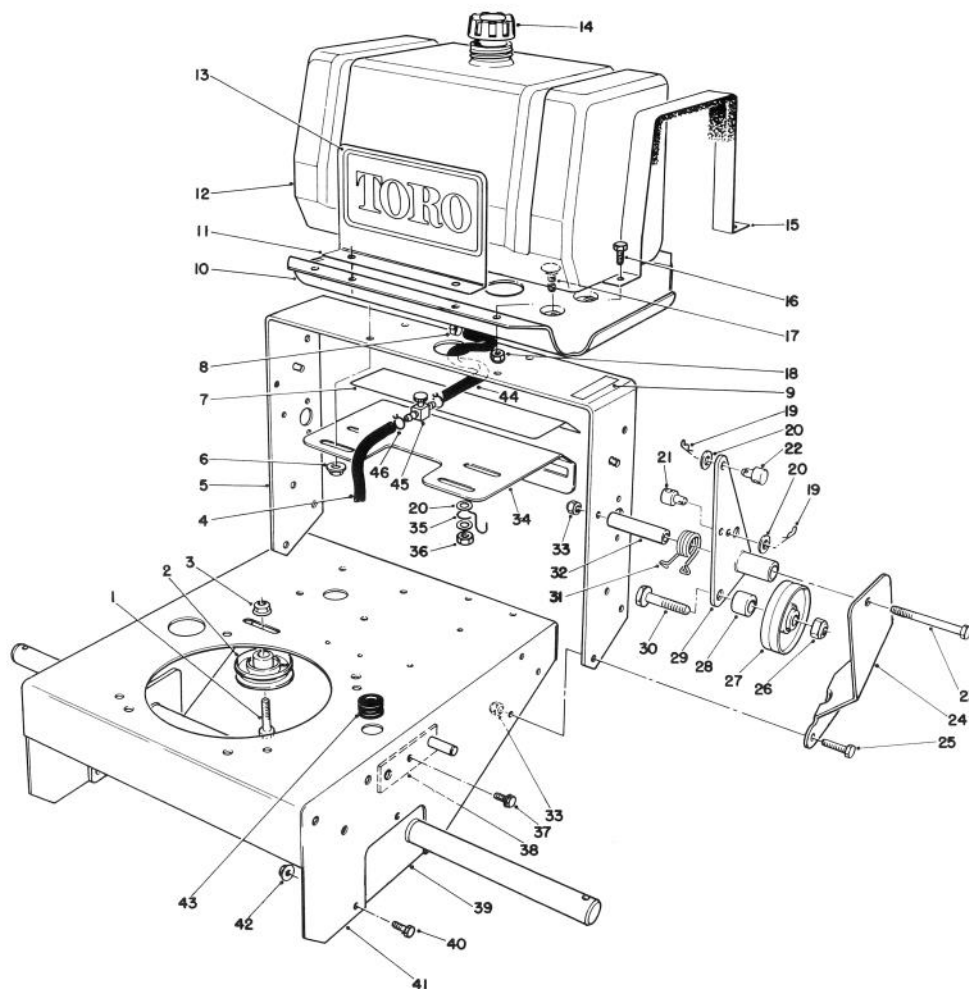


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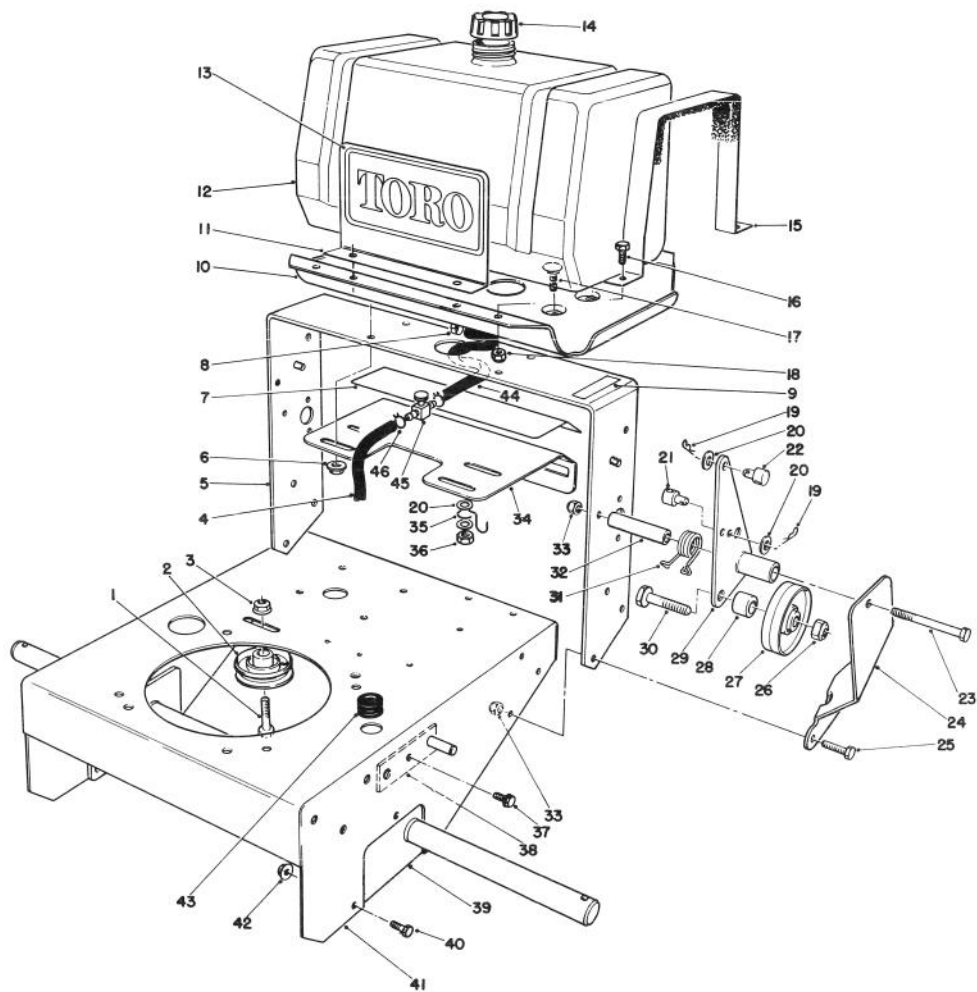
MODEL NO. 30102-8000001 & UP

**PARTS
CATALOG****102 COMMERCIAL WALK MOWER****FRAME ASSEMBLY**

Ref. No.	Part No.	Description	No. Used
1	323-9	Screw — Cap Hex Hd.	1
2	51-4810	Pulley — Idler	1
3	32128-21	Nut — Hex Flange	1
4	47-2980	Hose — Gas	1
5	67-6350	Frame — Rear	1
6	32128-13	Nut — Lock Flange	3
7	52-2140	Decal — Ground Speed	1
8	2412-36	Clamp — Worm	1
9	55-4230	Decal — Fuel Shut Off	1
10	62-4030	Plate — Fuel Tank	1
11	62-4120	Plate — Decal	1
12	62-4040	Tank — Fuel	1
13	62-5550	Decal — Gas Tank	1
14	55-3570	Gas Cap	1

Ref. No.	Part No.	Description	No. Used
15	62-5500	Strap — Tank Fuel	2
16	321-3	Capscrew	6
17	3230-3	Bolt — Carriage	4
18	3296-42	Nut — Lock	6
19	3290-307	Hairpin — Cotter	4
20	3256-23	Washer — Plain Flat	6
21	51-4690	Fitting Rod	2
22	54-3080	Fitting Rod	2
23	323-16	Screw — Cap Hex Hd.	2
24	67-6380	Bracket — Support L.H.	1
*	67-6370	Bracket — Support R.H.	1
25	323-6	Screw — Cap Hex Hd.	6
26	3296-23	Nut — Lock	2
27	51-4480	Idler Wheel	2

* Not Illustrated

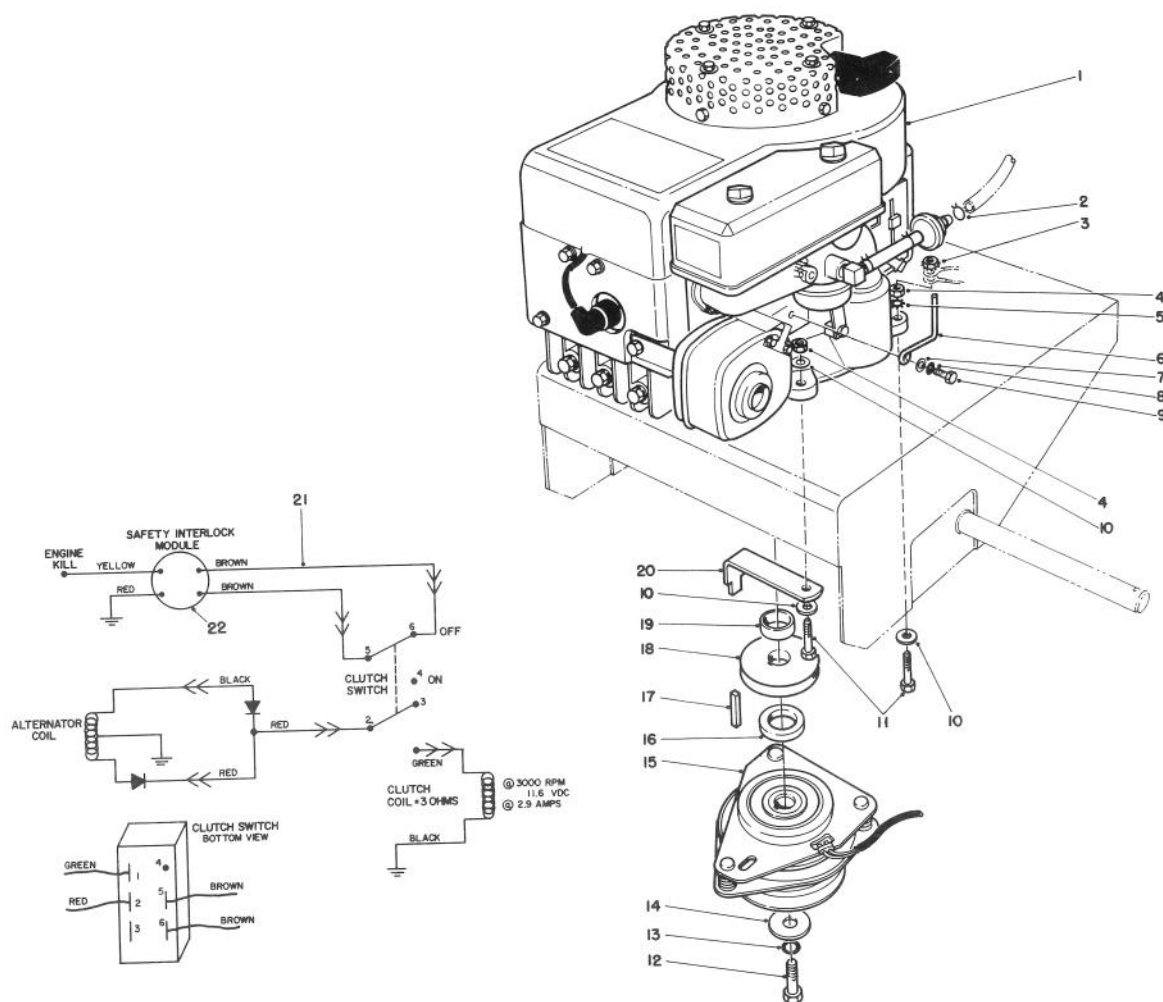


FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
28	51-4490	Spacer — Idler Wheel	2
29	67-6760	Idler Bracket L.H.	1
*	67-6750	Idler Bracket R.H.	1
30	51-4450	Screw — Leveler	2
31	51-4380	Spring — Torsion L.H.	1
*	51-4370	Spring — Torsion R.H.	1
32	51-4340	Spacer — Pivot, Idler	2
33	3296-39	Nut — Lock	8
34	66-7400	Plate — Control	1
35	62-5610	Clip — Gas Line	1
36	3296-29	Nut — Lock	1

Ref. No.	Part No.	Description	No. Used
37	3234-11	Capscrew	4
38	67-6490	Pivot — Post	2
39	67-6460	Axle	1
40	3234-6	Capscrew	6
41	67-6340	Frame	1
42	32128-27	Nut — Lock	6
43	237-124	Grommet	1
44	47-2982	Hose	1
45	54-3150	Valve — Fuel	1
46	2412-33	Clamp — Fuel Line	2

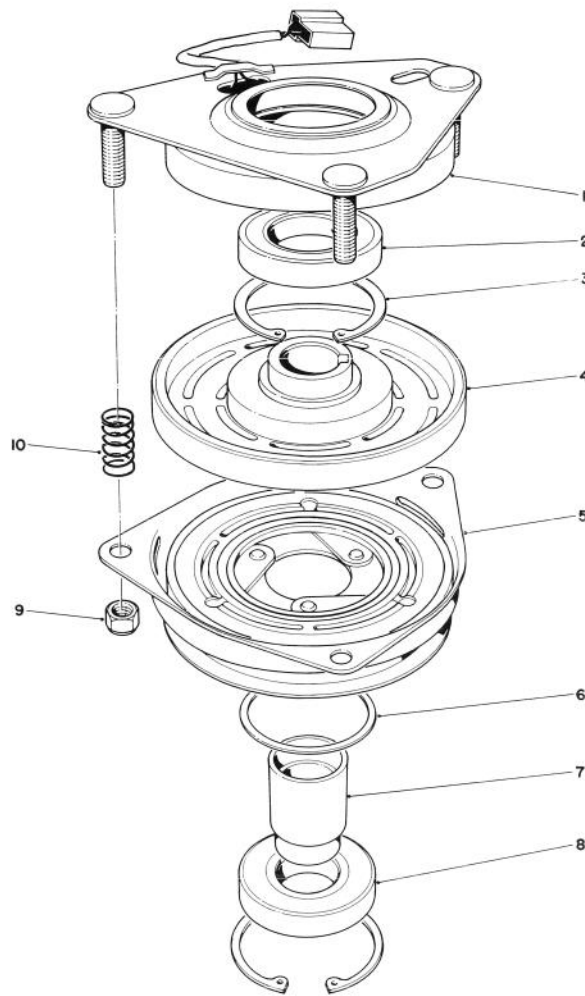
* Not Illustrated



ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Engine 12 H.P.	1
2	2412-98	Clamp — Fuel Line	1
3	32149-1	Nut — Lock	1
4	32152-1	Nut — Lock	4
5	3255-8	Washer — External Tooth	1
6	51-4390	Guard — Brush	1
7	3256-22	Washer — Plain	1
8	3253-3	Washer — Lock	1
9	321-3	Screw — Cap, Hex Hd.	1
10	3256-23	Washer — Plain	7
11	322-9	Screw — Cap, Hex Hd.	4

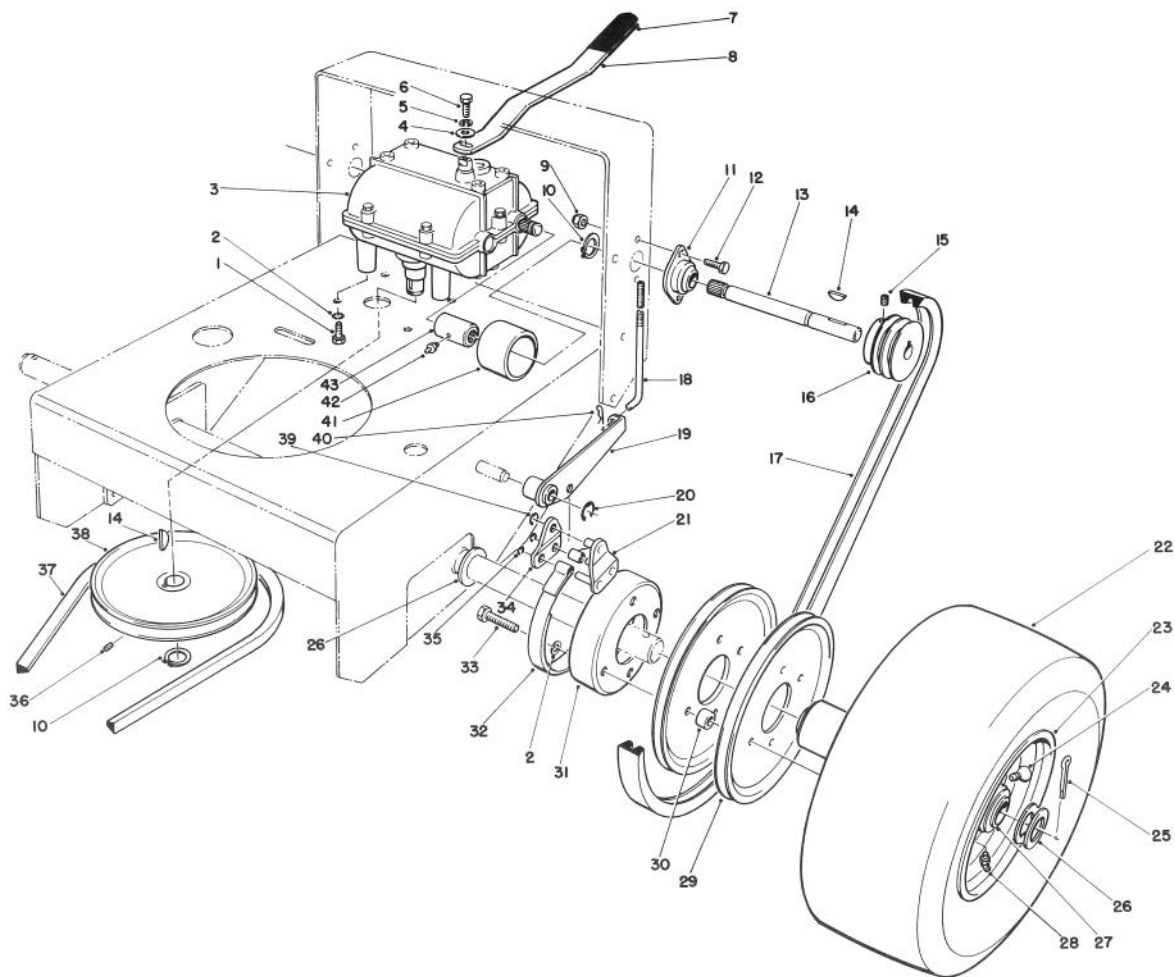
Ref. No.	Part No.	Description	No. Used
12	3212-24	Screw — Cap, Hex Hd.	1
13	3253-22	Washer — Lock	1
14	44-8160	Washer — Clutch	1
15	54-3200	Clutch Assembly	1
16	51-3280	Spacer — Lower	1
17	5-1336	Key	1
18	51-4460	Pulley — Traction	1
19	51-3290	Spacer — Upper	1
20	51-4540	Retainer — Clutch	1
21	67-6680	Wire Harness (Incl. Ref. #22)	1
22	51-3250	Module	1



CLUTCH ASSEMBLY NO. 54-3200

Ref. No.	Part No.	Description	No. Used
1	44-8350	Field Assy. (Incl. Ref. #2 & 3)	1
2	251-292	Bearing — Field	1
3	44-8310	Retaining Ring	2
4	44-8360	Field Coil, Rotor & Bearing Assembly (Incl. Ref. #1)	1
5	55-7410	Armature & Pulley Assembly (Incl. Ref. #3, 6, 7 & 8)	1

Ref. No.	Part No.	Description	No. Used
6	44-8330	Spacer — Pulley Bearing	1
7	44-8340	Bearing Collar	1
8	251-291	Bearing — Pulley	1
9	3296-5	Locknut	3
10	44-8320	Spring	3

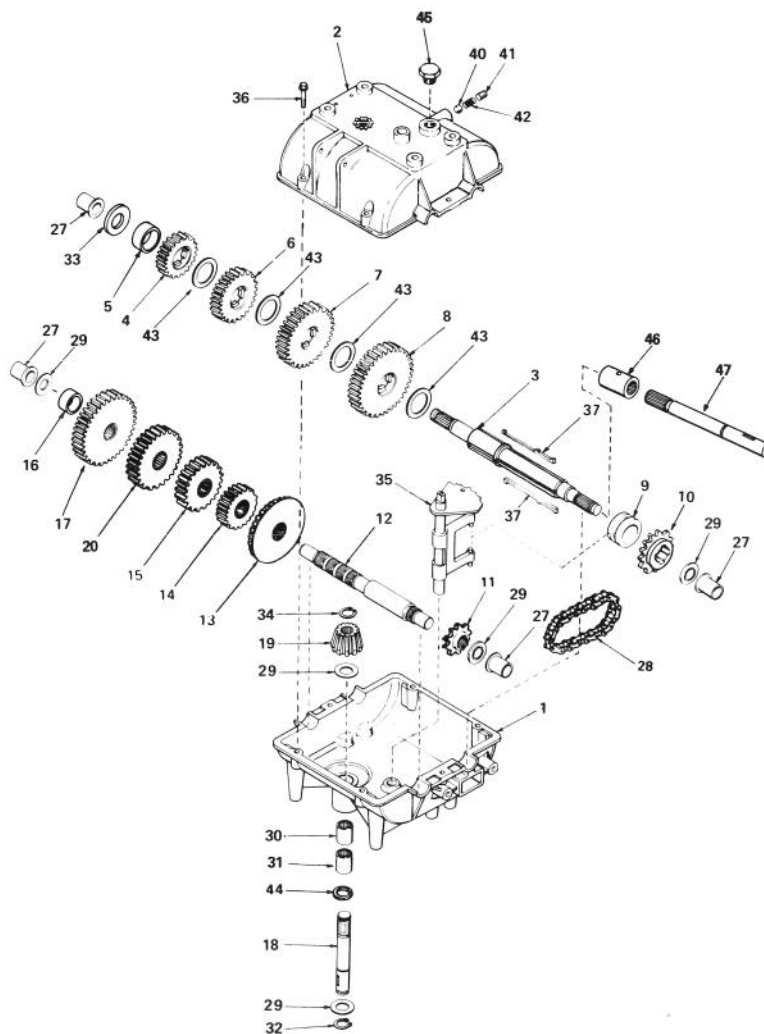


AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-2	Capscrew	4
2	3253-4	Washer — Lock	12
3	51-4090	Transmission	1
4	7-5461	Spacer	1
5	3253-3	Washer — Lock	1
6	329-4	Screw — Cap Hex Hd.	1
7	47-1970	Grip — Engagement	1
8	67-6360	Lever — Shift	1
9	3296-42	Nut — Lock	4
10	32120-64	Retaining Ring	3
11	51-4270	Bearing — Shaft Extension	2
12	321-4	Capscrew — Hex Hd.	4
13	51-4240	Shaft — Extension R.H.	1
*	51-4250	Shaft — Extension L.H.	1
14	3257-5	Key — Woodruff	3
15	3246-6	Screw — Set Socket Hd.	2
16	51-4280	Pulley Drive	2
17	51-4291	Belt Drive	2
18	51-4580	Rod Brake	2
19	67-6420	Brake Arm L.H.	1
*	67-6400	Brake Arm R.H.	1
20	32151-40	Retaining Ring	2
21	51-4650	Brake Link	2

Ref. No.	Part No.	Description	No. Used
22	231-129	Tire	2
23	242-81	Rim	2
24	232-27	Valve Stem	2
25	3272-30	Cotter Pin	2
26	51-4230	Washer — Wheel	6
27	251-321	Bearing	2
28	302-57	Grease Fitting	2
29	51-4160	Pulley — Wheel	4
30	51-4170	Spacer — Pulley	8
31	51-4180	Drum — Brake	2
32	51-4700	Brake Band Assembly	2
33	322-7	Screw — Cap Hex Hd.	8
34	51-4660	Plate — Link Brake	2
35	32151-72	Retaining Ring	4
36	3241-5	Screw — Set Socket Head	1
37	26-9670	Belt — Traction	1
38	51-4190	Pulley — Driven	1
39	32151-56	Retaining Ring	2
40	3290-307	Hairpin — Cotter	2
41	51-4220	Guard — Coupler	2
42	302-5	Fitting — Grease	2
43	51-4260	Coupler	2

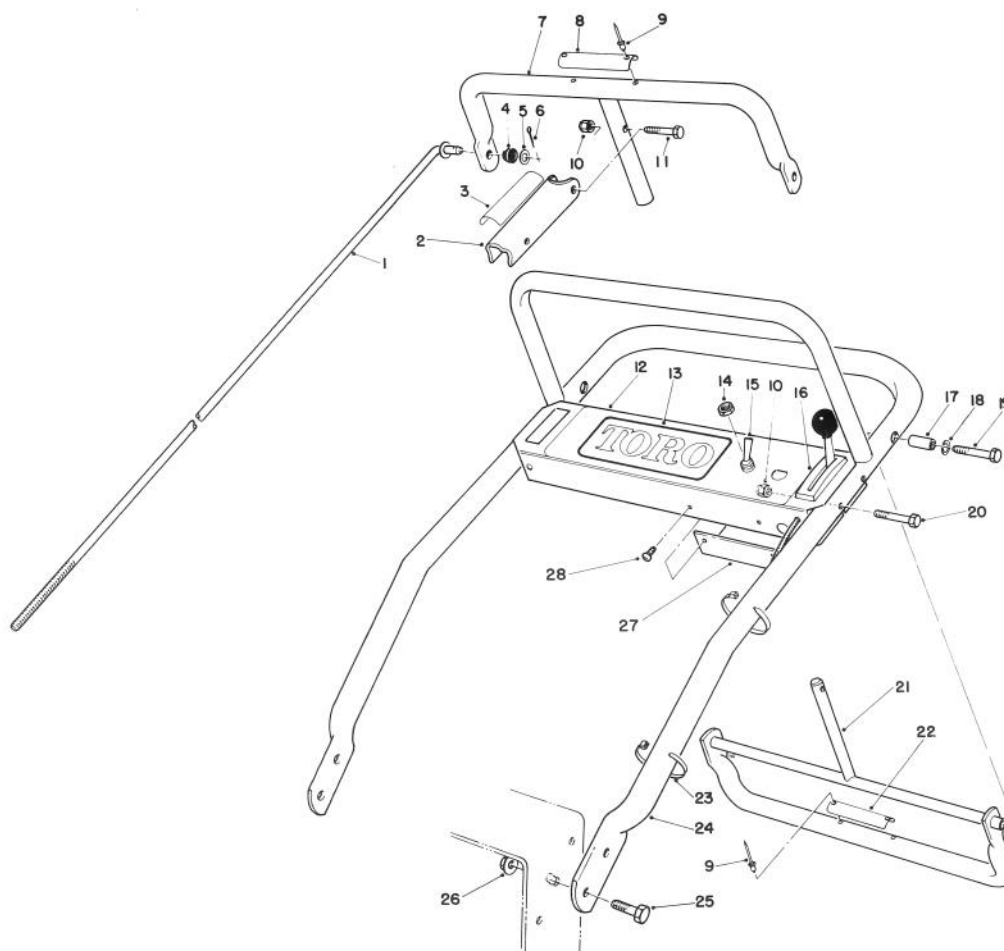
* Not Illustrated



PEERLESS TRANSMISSION MODEL NO. 787

Ref. No.	Part No.	Description	No. Used
1	770061	Case — Transmission	1
2	772083	Cover — Transmission	1
3	776217	Shaft — Output & Brake	1
4	778123A	Gear — Spur (25 teeth)	1
5	786072	Spacer (1 3/8" O.D. x 1 1/8" I.D. x 3/8" thick)	1
6	778124A	Gear — Spur (30 teeth)	1
7	778125	Gear — Spur (35 teeth)	1
8	778146A	Gear — Spur (37 teeth)	1
9	784266	Collar — Shift	1
10	786083	Sprocket (18 teeth)	1
11	786082	Sprocket (9 teeth)	1
12	776134	Shaft — Counter	1
13	778154	Gear — Bevel (42 teeth)	1
14	778145	Gear — Spur (12 teeth)	1
15	778151	Gear — Spur (15 teeth)	1
16	786071	Spacer (1 1/8" O.D. x 3/4" I.D. x 3/8" thick)	1
17	778127A	Gear — Spur (25 teeth)	1
18	776135	Shaft — Input	1
19	778153	Bevel Pinion — Input	1
20	778126A	Gear — Spur (20 teeth)	1
27	780105A	Bushing — Flanged	1

Ref. No.	Part No.	Description	No. Used
28	786081	Chain — Roller (No. 41 chain, 24 links)	1
29	780072	Race — Thrust	1
30	780086	Bearing — Needle	1
31	780142	Bearing — Needle	1
32	792035	Ring — Retaining	1
33	780139	Washer	1
34	788040	Ring — Retaining	1
35	784267	Rod & Fork Assembly — Shift	1
36	792073	Screw — Hex Head	1
37	792089A	Key	1
40	792077	Ball — Steel	1
41	792078	Screw — Set	1
42	792079	Spring	1
43	780108	Washer — Thrust	1
44	792001	"O" Ring	1
45	792074	Plug	1
46	786108	Coupler	1
47	776230	Shaft — Output Extension (4-63/64" Lg.)	1
47	776231	Shaft — Output Extension (7-39/64" Lg.)	1

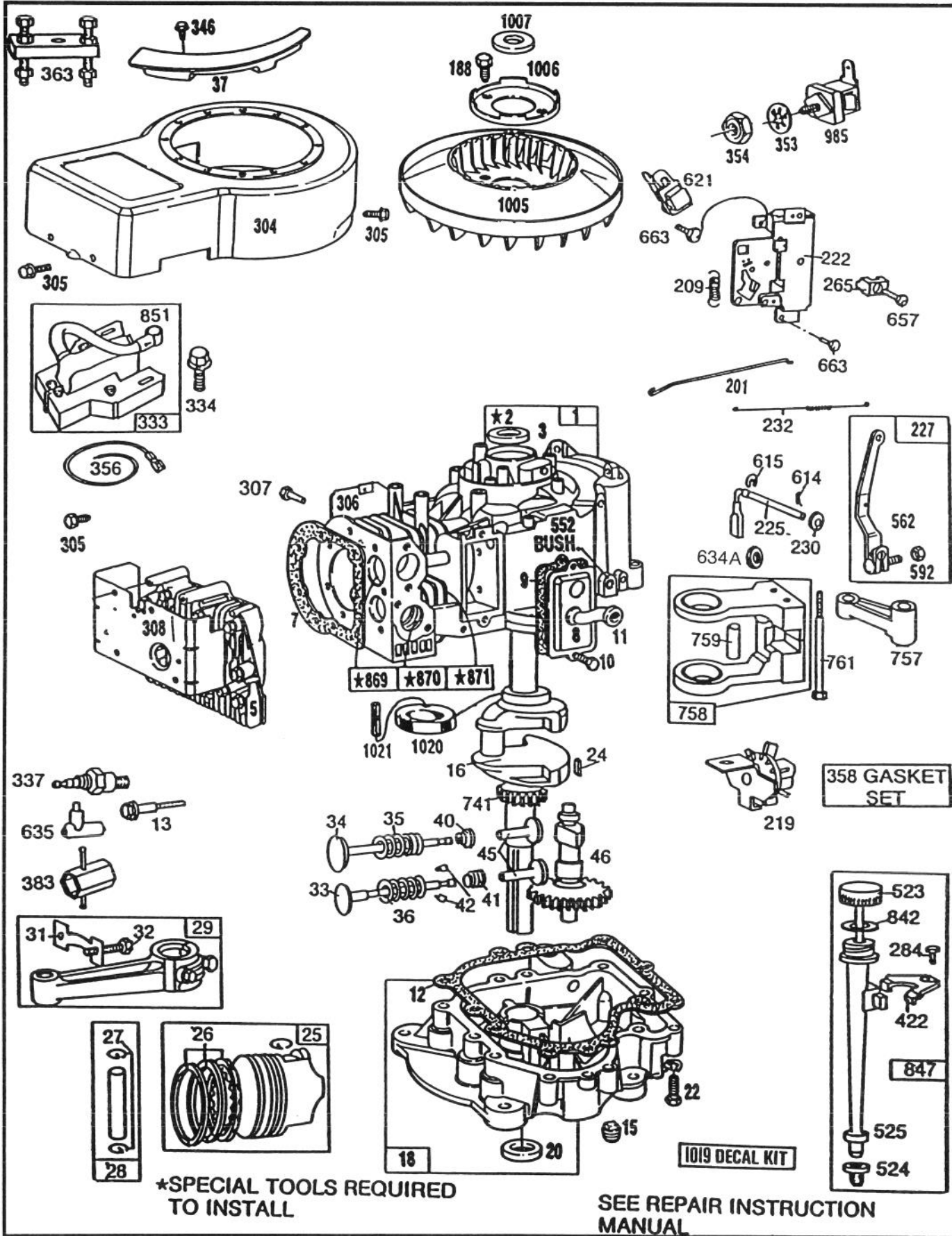


HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	54-3071	Rod — Control	2
2	51-4850	Lever — Brake, Parking	1
3	52-2010	Decal — Parking Brake	1
4	237-141	Rubber Grommet	2
5	3256-23	Washer — Plain, Flat	2
6	3272-4	Cotter Pin	2
7	51-4730	Control Bar	1
8	54-2740	Decal — Control Bar	1
9	3290-54	Pop Rivet	4
10	3296-2	Nut — Lock	5
11	32105-1	Screw — Machine Hex Hd.	1
12	54-2860	Panel — Control	1
13	54-2770	Decal — Recoil Start Panel	1
14	218-500	Nut	1

Ref. No.	Part No.	Description	No. Used
15	37-2610	Switch (Clutch)	1
16	51-4821	Control — Throttle	1
17	51-4790	Spacer — Pivot	2
18	3253-21	Washer — Lock	2
19	323-10	Screw — Cap Hex Hd.	2
20	32105-14	Screw — Machine Hex Hd.	4
21	51-4760	Control Pivot	1
22	52-2120	Decal — Reverse Handle	1
23	3290-378	Cable Tie	2
24	67-6440	Upper Handle	1
25	3234-11	Screw — Cap Hex Hd.	4
26	32128-21	Nut — Hex Flange	4
27	57-5810	Panel — Bottom	1
28	32104-76	Screw — Self Tapping	4

BRIGGS & STRATTON MODEL NO. 281706-0186-01



Assemblies include all parts shown in frames.

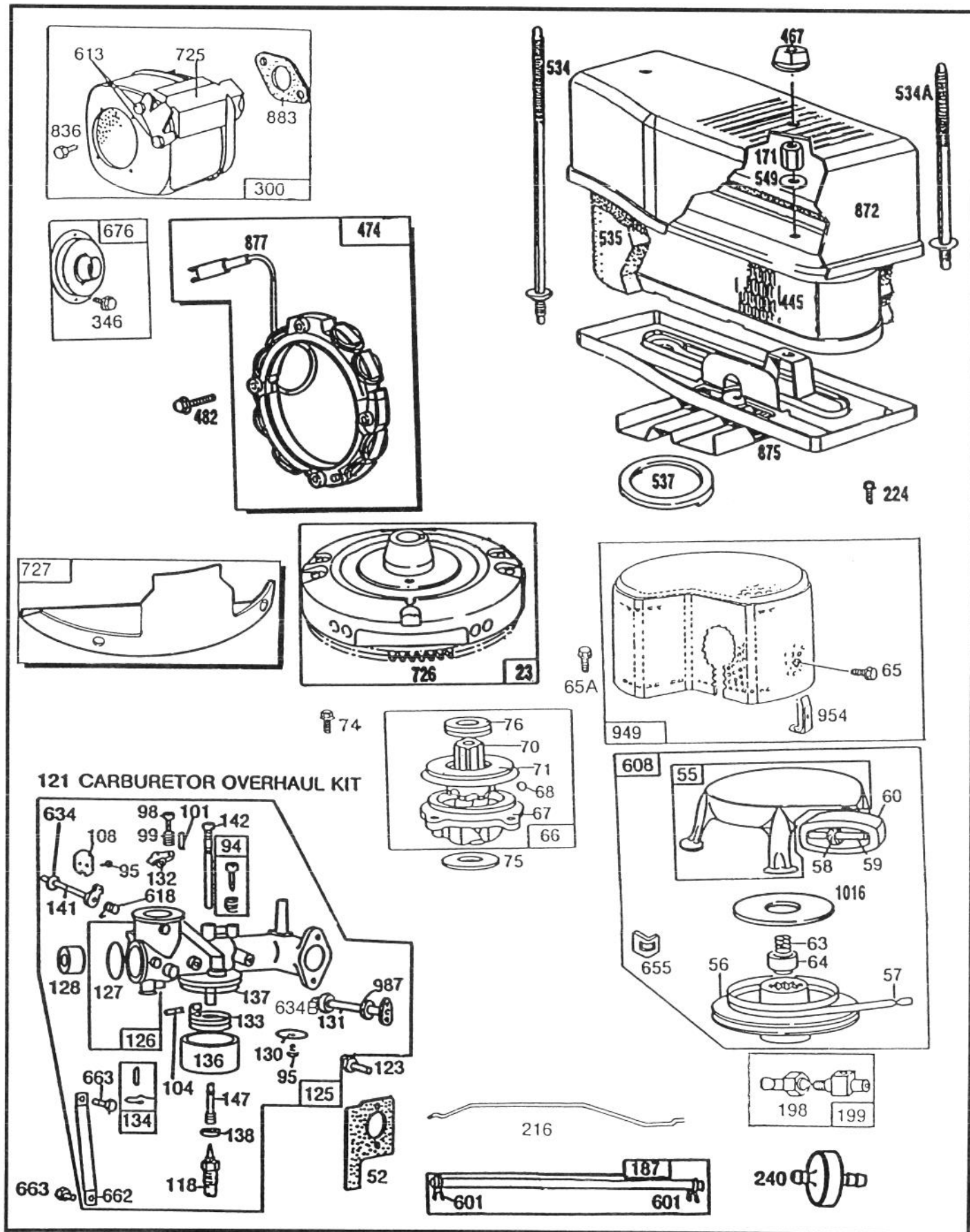
BRIGGS & STRATTON MODEL NO. 281706-0186-01

Ref. No.	Part No.	Description	No. Used
1	490450	Cylinder Assembly	1
2	261623	Bearing — Cylinder	
		Note: Requires special tools for installation	1
3	391086	Seal — Oil	1
5	491491	Head — Cylinder	1
7	*271866	Gasket — Cylinder Head	1
8	391406	Breather Assembly	1
9	*27803	Gasket — Valve Cover	1
10	93394	Screw — Sem	1
11	280100	Tube — Breather	1
12	*271916	Gasket — Crankcase Cover 1/64" thick	1
	*271996	Gasket — Crankcase Cover .005" thick	1
	*271997	Gasket — Crankcase Cover .009" thick	1
13	93723	Screw — Cylinder Head (3" long)	1
		Note: 93781 Stud — Cylinder Head	
		231109 Spacer	
15	91084	Plug — Oil Drain	1
16	490466	Crankshaft	
		Note: Order Part Number 94196 For Timing Gear Key	1
18	490452	Base — Engine	1
20	291675	Seal — Oil	1
22	94305	Screw — Base Mounting Sem	1
24	222698	Key — Flywheel	1
25	394661	Piston Assembly — Standard	1
	394662	Piston Assembly — .010" O.S.	1
	394663	Piston Assembly — .020" O.S.	1
	394664	Piston Assembly — .030" O.S.	1
		Piston Ring Sets:	
		Note: For Chrome Ring Set — Standard Size	
		Order No. 392331	
26	394665	Ring Set — Piston — Std.	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 — Standard	1
	391286	Pin Assembly — Piston — .005" O.S.	1
29	490348	Rod Assy. — Connecting	
		Note: For Connecting Rod with .020" Undersize Crankpin Bore —	
		Order No. 490469	1
31	222299	Lock — Connecting Rod Screw	1
32	92909	Screw — Connecting Rod	1
33	262246	Valve — Exhaust	1
34	262247	Valve — Intake	1
35	65906	Spring — Intake Valve	1
36	26828	Spring — Exhaust Valve	1
37	223752	Guard — Flywheel	1
40	221596	Retainer — Intake Valve	1
41	292260	Rotocoil — Exhaust Valve	1
42	93630	Retainer — Exhaust Valve Rotocoil	2
45	262248	Tappet — Valve	1
46	212897	Gear — Cam	1
188	93535	Screw — Sem	1

Ref. No.	Part No.	Description	No. Used
201	262348	Link — Governor	1
209	261126	Spring — Governor	1
219	490815	Oil Slinger — Gov. Gear and Bracket Assembly	1
222	491594	Plate — Gov. Control	1
225	231058	Crank — Governor (1/4" Dia.)	1
227	490927	Lever Assy. — Governor	1
230	222450	Washer — Gov. Crank (1/4" I.D.)	1
232	260584	Spring — Governor Link	1
265	221535	Clamp — Casing	1
284	93804	Screw — Clamp Mtg.	1
304	490689	Housing — Blower	1
305	93158	Screw — Blower Housing Mounting Sem	1
306	223715	Shield — Cylinder	1
307	93163	Screw — Cylinder Shield Mtg. Sem	1
308	491490	Cover — Cylinder Head	1
333	398811	Armature — Magneto	1
334	93381	Screw — Armature Mtg. Sem	1
337	293918	Plug — Spark (1-1/2" high — 37-42 M.M.) (Resistor Type)	1
346	93705	Screw — Hex Head	1
353	92791	Washer — Lock, Shakeproof	1
354	90576	Nut — Hex, 8-32	1
356	398808	Wire — Ground	1
358	490525	Gasket Set	1
363	19203	Puller — Flywheel	1
383	89838	Wrench — Spark Plug	1
422	223721	Clamp — Oil Filler Tube	1
523	490327	Cap and Dipstick — Oil Filler	1
524	68838	Seal — Filler Tube	1
525	280741	Tube — Oil Filler	1
552	231597	Bushing — Gov. Crank (1/4" I.D.)	1
562	92613	Bolt — Governor Lever	1
592	231082	Nut — Hex, 10-24	1
614	93306	Cotter — Hair Pin	1
615	93307	Retainer — E-Ring	1
621	396847	Switch — Stop	1
634A	491323	Seal — Oil	1
635	66538	Elbow — Spark Plug	1
657	93496	Screw — Sem	1
663	93572	Screw — Carburetor	1
741	262135	Gear — Timing	1
757	212359	Link — Counterweight	1
758	399891	Counterweight Assy.	1
759	298909	Pin — Counterweight	1
761	93875	Screw — Counterweight	1
842	270920	Seal — Oil Filler Cap	1
847	490474	Filler Group — Oil	1
851	221798	Terminal — Ignition Cable	1
869	261463	Seat — Intake Valve (Standard)	1
870	210940	Seat — Exhaust Valve (Standard)	1
871	261961	Guide — Exhaust Valve	1
		Note: 231218 Guide — Intake Valve (Brass)	1
		See Repair Manual	
985	398525	Insulator Assembly	1
1005	280687	Fan — Flywheel	1
1006	223726	Retainer — Fan	1
1007	231531	Spacer — Clutch	1
1019	491255	Decal (Label) Kit	1
1020	262243	Eccentric	1
1021	94160	Pin — Eccentric	1

* Included in Gasket Set — Part No. 490525.

BRIGGS & STRATTON MODEL NO. 281706-0186-01 (Continued)



Assemblies include all parts shown in frames.

BRIGGS & STRATTON MODEL NO. 281706-0186-01 (Continued)

Ref. No.	Part No.	Description	No. Used
23	399917	Flywheel and Ring Gear Assy. — Magneto	1
52	*270872	Gasket — Carburetor Mounting	1
55	393576	Housing — Rewind Starter	1
56	295871	Pulley — Rewind Starter	1
57	490179	Spring — Rewind Starter	1
58	66884	Rope — Rewind Starter	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	94018	Screw — Hex Washer Head	1
65A	93067	Screw — Hex Hd. Sem	1
66	399671	Clutch Assembly — Rewind Starter	1
67	394897	Housing — Starter Clutch	1
68	63770	Ball — Clutch	1
70	298799	Ratchet — Rewind Starter Clutch	1
71	221653	Washer — Retainer	1
74	93042	Screw — Sem	1
75	220865	Washer — Spring	1
76	68238	Washer — Ratchet Sealing	1
94	†292681	Valve Assembly — Carburetor Idle	1
95	93499	Screw — Throttle and Choke Valve Mtg. Sem	1
98	91920	Screw — Machine, Fill. Hd.	1
99	26157	Spring — Throttle Adjustment	1
101	93043	Pin — Throttle Stop	1
104	†230896	Pin — Float Hinge	1
108	222010	Valve — Choke	1
118	†396568	Valve — Needle	1
121	394698	Carburetor Overhaul Kit	1
123	93357	Screw — Carburetor Mtg.	1
125	491031	Carburetor Assembly	1
126	490473	Body Assy. — Carburetor	1
127	†221997	Plug — Welch	1
128	211960	Venturi — Carburetor	1
130	222433	Valve — Throttle	1
131	491006	Shaft and Lever — Throttle	1
132	211712	Stop — Throttle	1
133	299707	Float — Carburetor	1
134	†394681	Valve — Fuel Inlet	1
136	221995	Bowl — Float	1
137	†270511	Gasket — Float Bowl	1
138	†222014	Washer — Float Bowl	1

Ref. No.	Part No.	Description	No. Used
141	390684	Shaft and Lever — Choke	1
142	†299740	Nozzle — Carburetor	1
147	†231323	Screw — Nozzle	1
171	231532	Nut — Air Cleaner Mtg.	1
187	393815	Line — Fuel (Cut to Suit)	1
198	293934	Valve — Fuel Shut-Off	1
199	399949	Connector — Fuel Pipe	1
216	261610	Link — Choke	1
224	94018	Screw — Air Cleaner Sem	1
240	298090	Filter — Fuel	1
300	491413	Muffler — Exhaust	1
346	93705	Screw — Hex Head	1
445	399806	Cartridge — Air Cleaner	1
467	212706	Knob — Air Cleaner	1
474	393474	Stator — Alternator	1
482	93621	Screw — Sem	1
534	94248	Stud — Air Cleaner	1
534A	94246	Stud — Air Cleaner	1
535	271962	Element — Air Cleaner	1
537	270853	Gasket — Air Cleaner	1
549	94249	Washer — Air Cleaner	1
601	93053	Clamp — Fuel Pipe	1
608	390391	Starter Assy. — Rewind	1
613	93927	Screw — Hex Hd.	1
618	261116	Spring — Choke Return	1
634	270382	Washer — Choke Shaft	1
634B	271853	Washer — Foam	1
655	222598	Anchor — Spring	1
662	222311	Bracket — Carburetor	1
663	93572	Screw — Carburetor	1
676	396903	Deflector — Muffler	1
725	223023	Shield — Muffler	1
726	392134	Gear — Ring (Includes Mounting Parts)	1
727	490429	Cover — Starter (Includes 93705 Mounting Screws)	1
836	93559	Screw — Hex Head	1
872	223700	Cover — Air Cleaner	1
875	490332	Body — Air Cleaner	1
877	393456	Diode and Connector Assy. (Dual Circuit)	1
883	270917	Gasket — Exhaust Pipe	1
949	397530	Guard — Debris	1
954	223379	Bracket — Guard Mounting	1
987	398970	Seal — Throttle Shaft	1
1016	490817	Spacer — Pulley	1

* Included in Gasket Set — Part No. 490525.

† Included in Carburetor Overhaul Kit — Part No. 394698.

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 102 Commercial Walk Mower has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located on the top left rear corner of frame. In any correspondence concerning the 102 Commercial Walk Mower, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial number of the 102 Commercial Walk Mower.
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 One Year Limited Warranty

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:

Commercial Products 1 Year

The costs of parts and labor are included, but the customer pays the transportation costs.

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.

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 of incidental or consequential damages, so the above exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.