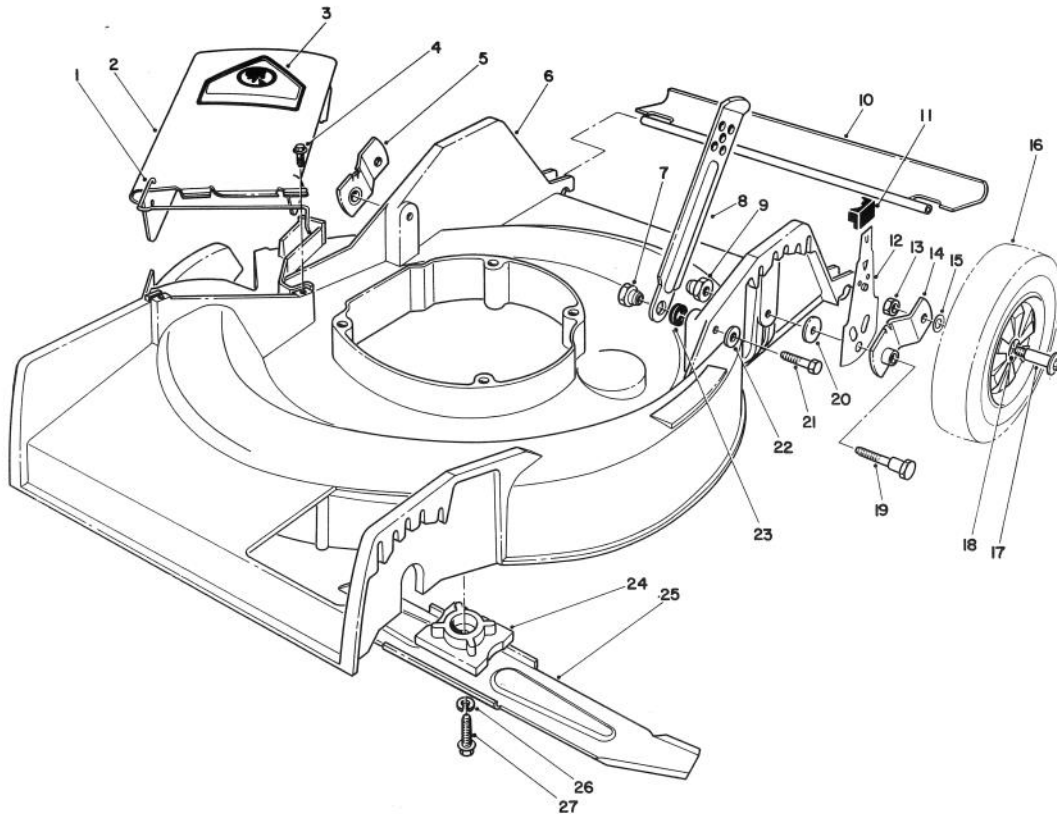


TORO®

MODEL NO. 16401-1000001 & UP

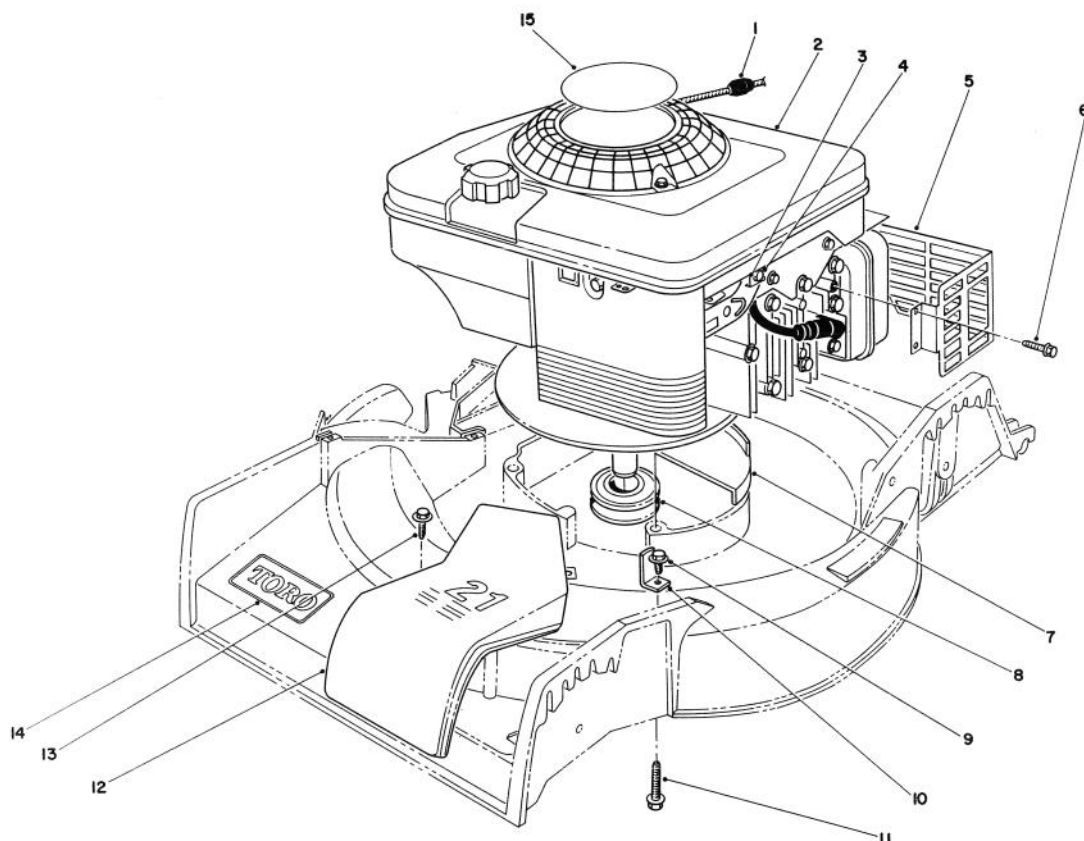
**PARTS
CATALOG****21" SIDE DISCHARGE MOWER**

C-0669

HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	20-2640	Spring - Hinge	1
2	13-4049	Deflector Assembly (Incl. Ref. #1 & 3)	1
3	39-5770	Decal - Danger	1
4	46-6811	Screw w/Washer	2
5	20-2130	Pivot Arm Assembly "B"	1
6	13-3489	Housing - 21"	1
7	27-6520	Nut - Shoulder	2
8	82-7620	Latch - Handle	2
9	12-2080	Nut - Shoulder	2
10	66-5990	Shield - Rear	1
11	25-7740	Knob - Spring Arm	2
12	66-6030	Spring Arm Assembly	2
13	52-3620	Locknut	2
14	20-2140	Pivot Arm Assembly "A"	1

Ref. No.	Part No.	Description	No. Used
15	40-1940	Washer - Wheel Bolt	2
16	27-6200	Wheel & Tire Assembly (Incl. Ref. #18)	2
17	27-6230	Bolt - Wheel	2
18	27-6250	Bushing	4
19	3-0655	Screw - Pivot	2
20	33-0390	Washer - Pivot	2
21	322-7	Hex Hd. Capscrew	2
22	3253-4	Washer - Lock	2
23	3-3287	Spacer - Handle Latch	2
24	49-7900	Retainer - Blade	1
25	20-2720	Blade - 21"	1
26	3253-22	Lockwasher	1
27	26-0671	Blade - Screw	1

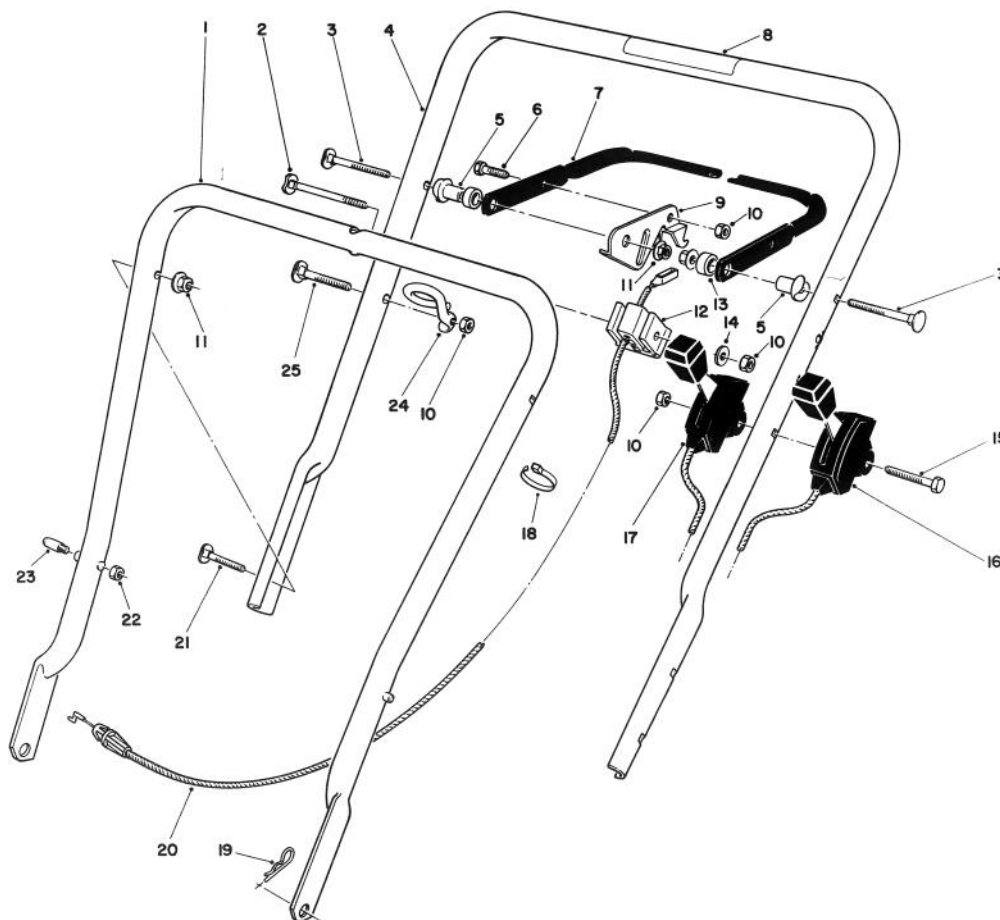


C-0667

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2210-316	Stop - Rope	1
2		Engine	1
3	2210-249	Clamp - Casing	1
4	2210-313	Screw - Clamp	1
5	82-8550	Shield - Muffler	1
6	32144-73	Screw - Hex Washer Hd. Thread Forming	3
7	27-7470	Cap - Housing	1

Ref. No.	Part No.	Description	No. Used
8	46-7910	Pulley - Driver	1
9	32144-70	Screw - Hex Hd. Flange	1
10	70-8080	Guide - Belt	1
11	32144-105	Screw - Thread Forming	3
12	46-4780	Cover - Belt	1
13	32144-112	Screw - Thread Forming	2
14	71-0600	Decal - Toro	1
15	80-2860	Decal - Engine	1



C-0267

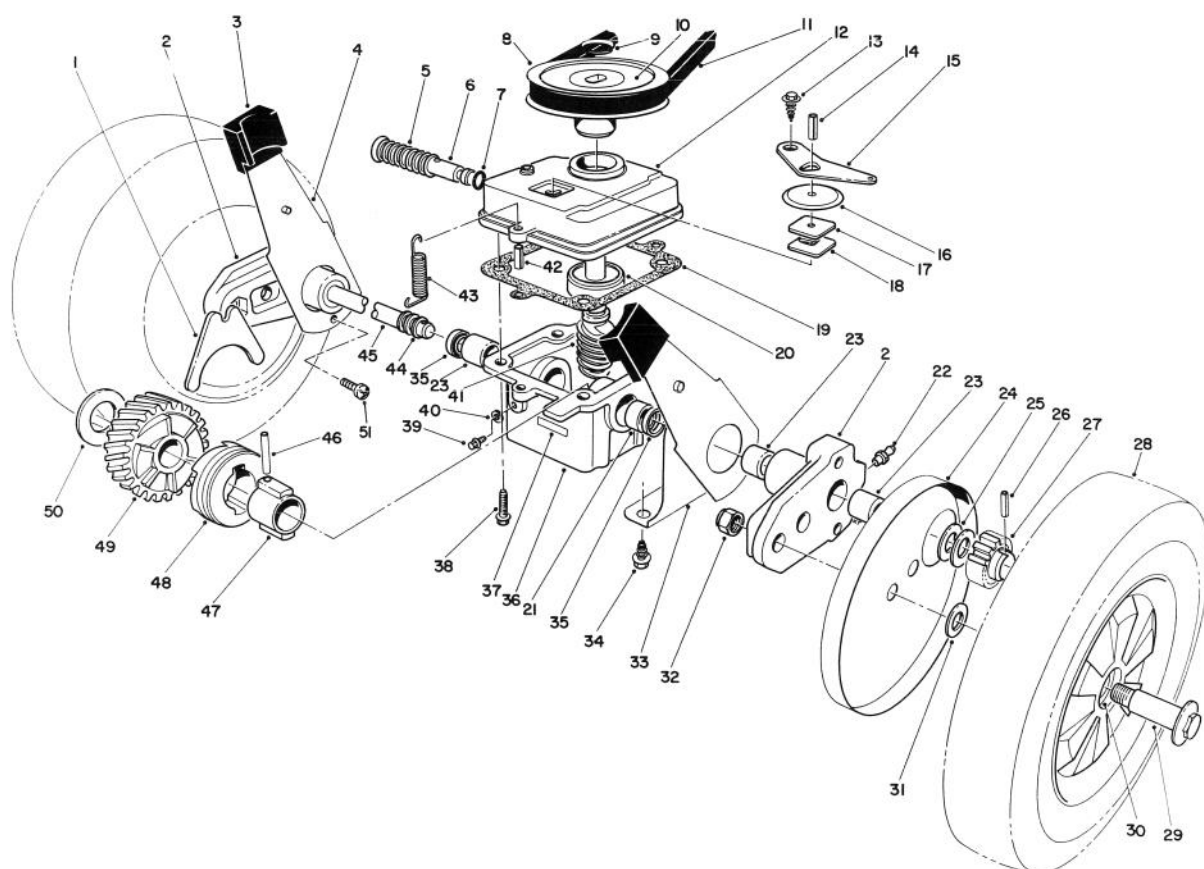
HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	49-1690	Lower Handle Assembly	1
2	46-6434	Screw - Handle	1
3	17-9421	Screw - Handle	2
4	14-3549	Handle - Upper (Incl. Ref. #8)	1
5	49-1630	Support - Spacer	2
6	321-3	Capscrew	1
7	71-3080	Bar - Control	1
8	56-6280	Decal - Warning	1
9	77-5270	Lever - Control	1
10	3296-42	Nut - Lock	4
11	3296-58	Nut - Flange Lock	4
12	46-6980	Support - Cable	1
13	256-276	Spacer - Nylon	2
14	3256-22	Washer - Flat	1
15	321-15	Capscrew	1
16	70-7540	Control - Traction (Bend Type #3) (Sheath Lg. 46") (Wire Lg. 2-3/8")	1

Ref. No.	Part No.	Description	No. Used
17	76-3248	Control - Throttle (Bend Type #3) (Sheath Lg. 44-1/4") (Wire Lg. 2-1/16")	1
18	3290-378	Cable - Tie	2
19	3290-255	Cotter - Hairpin	2
20	76-4332	Cable - Brake	1
21	17-9424	Screw - Handle	2
†22	3296-47	Nut - Lock	2
†23	49-2750	Pin - Handle	2
24	46-8080	Guide - Rope	1
25	46-6433	Screw - Handle	1
*	14-3699	Loose Parts	1

*Not Illustrated

† Service Replacement Part

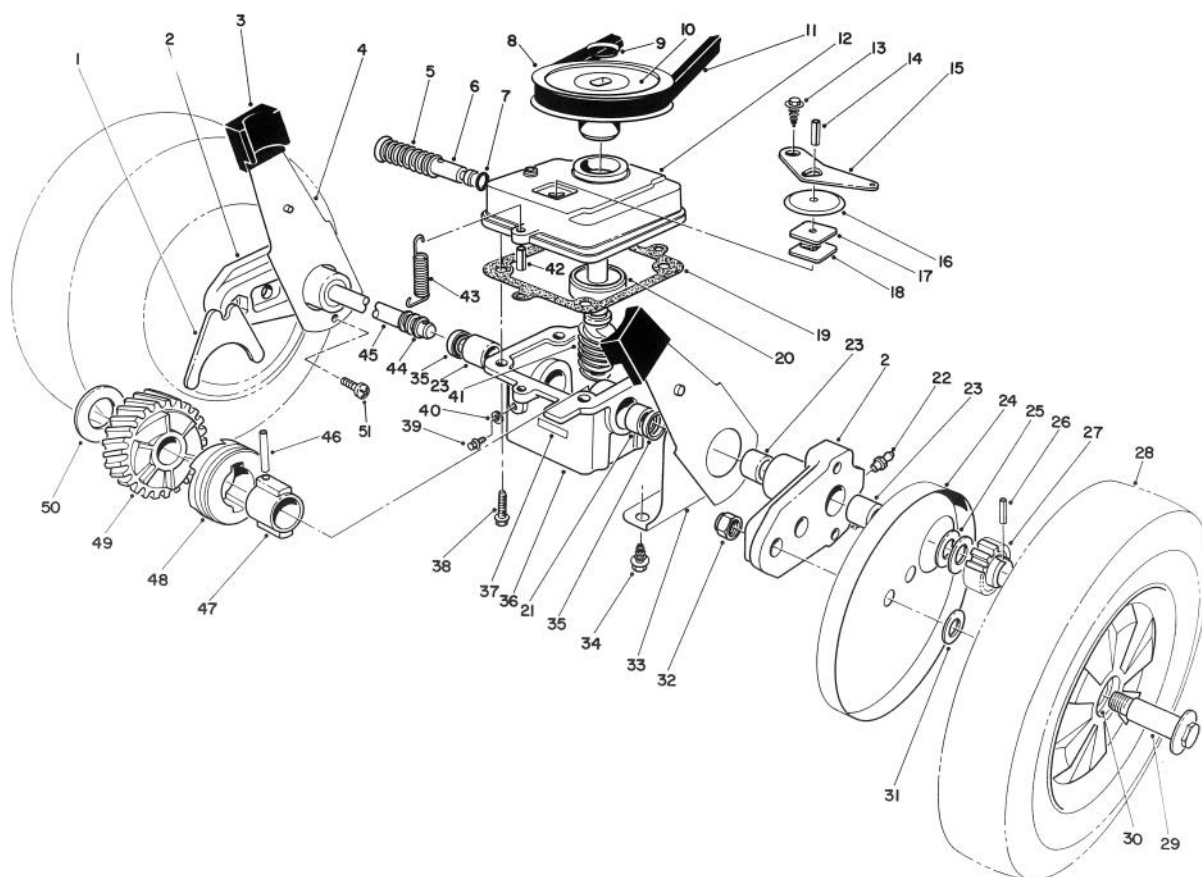


C-0260

GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5-3247	Fork - Shifter	1
2	66-6001	Arm - Pivot (Incl. Ref. #22, 23 & 52)	2
3	25-7740	Knob - Arm	2
4	67-9370	Spring Arm Assembly	2
5	3-0731	Spring	1
6	46-8240	Rod - Shifter	1
7	237-137	"O" Ring	1
8	18-9760	Pulley	1
9	3290-346	Retainer - Push On	1
10	33-2450	Decal - Caution	1
11	5-4505	V-Belt	1
12	39-1101	Cover - Gear Case	1
13	32140-64	Screw - Self Tapping	1
14	32121-114	Roll Pin	1
15	5-3252	Arm - Shifter	1
16	52-7380	Dust Cover - Transmission	1
17	52-7370	Filter - Dust	1
18	3-0681	Plate - Latch	1
19	36-1000	Gasket - Gear Case	1
20	47-7250	Ball Bearing	1
21	47-2890	Bushing	1
22	302-56	Fitting - Grease	2

Ref. No.	Part No.	Description	No. Used
23	47-2900	Bushing	3
24	36-5630	Cover - Wheel	2
25	46-6510	Washer - Thrust	4
26	32121-98	Pin - Coil	2
27	46-6520	Gear - Pinion	2
28	11-1419	Wheel, Tire & Gear Ass'y (Incl. Ref. #30)	2
29	27-6230	Bolt - Wheel	2
30	27-6250	Bushing - Wheel	4
31	40-1940	Washer - Wheel Bolt	2
32	52-3620	Locknut	2
33	68-9000	Cap - End	2
34	32144-70	Screw - Self Tapping	4
35	47-6730	Seal - Oil	2
36	8-0479	Gear Case (Incl. Ref. #21, 23, & 35)	1
37	40-4755	Decal	1
38	11-9760	Screw	4
39	28-1550	Screw - Nylon	1
40	46-9640	Gasket	1
41	8-5679	Worm Shaft & Gear (Incl. Ref. #49)	1
42	32121-1	Pin - Roll	2



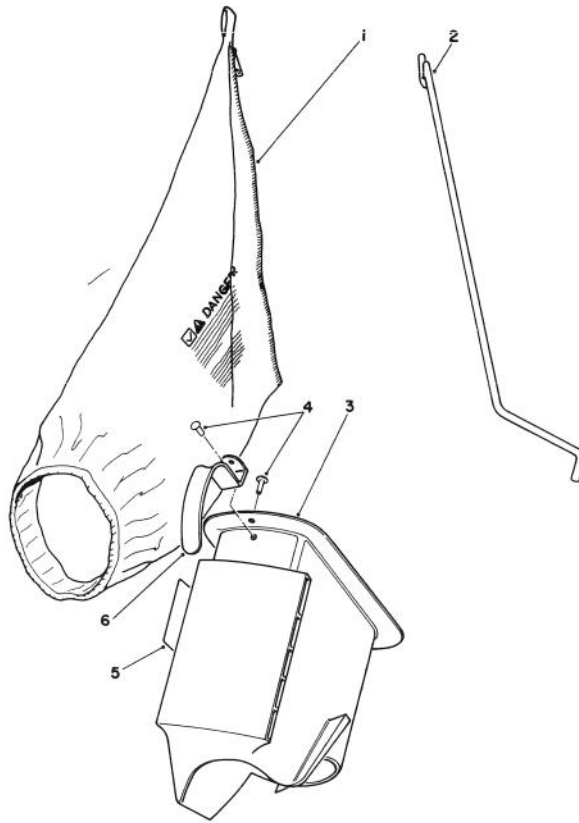
C-0260

GEAR CASE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
43	17-4490	Spring - Belt Tension	1	50	3-0724	Washer - Thrust	1
44	24-7920	Cover - Drive Shaft	1	51	63-8590	Screw - Button Hd.	2
45	66-6020	Shaft - Drive	1	52	70-9760	Bushing	2
46	32121-88	Pin - Coil	1	*	13-3479	Gear Case Assy. (Complete)	1
47	3-0721	Sleeve	1	*	27-0490	Bearing & Shaft Tool	1
48	19-5660	Jaw - Clutch	1	*†	39-9640	Metric Bearing Tool	1
49		Helical Gear	1	*	27-0460	Tool Bushing	1

*Not Illustrated

† Use with 27-0490 Bearing & Shaft Tool

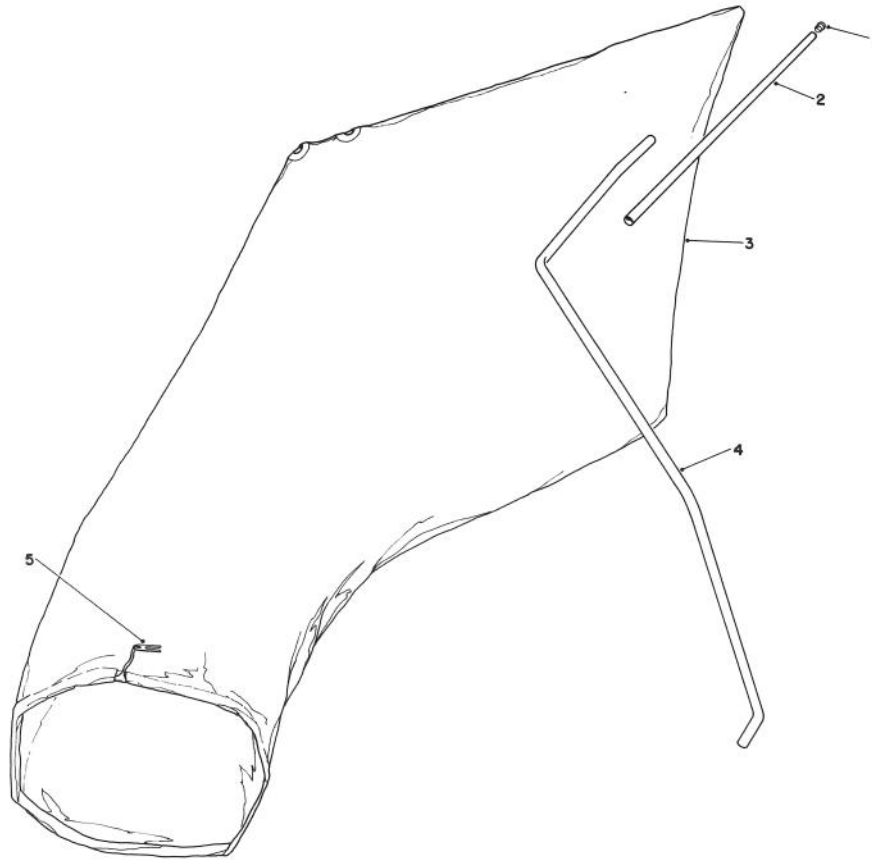


C-0187

BAGGING KIT NO. 47-6510 (Optional)

Ref. No.	Part No.	Description	No. Used
1	6-0929	Grass Bag	1
2	47-5830	Bag Rod	1
3	6-1089	Grass Chute (Incl. Ref. #4 & 6)	1

Ref. No.	Part No.	Description	No. Used
4	3295-26	Rivet	2
5	36-5230	Decal - Bag Chute	1
6	20-4650	Handle Chute	1

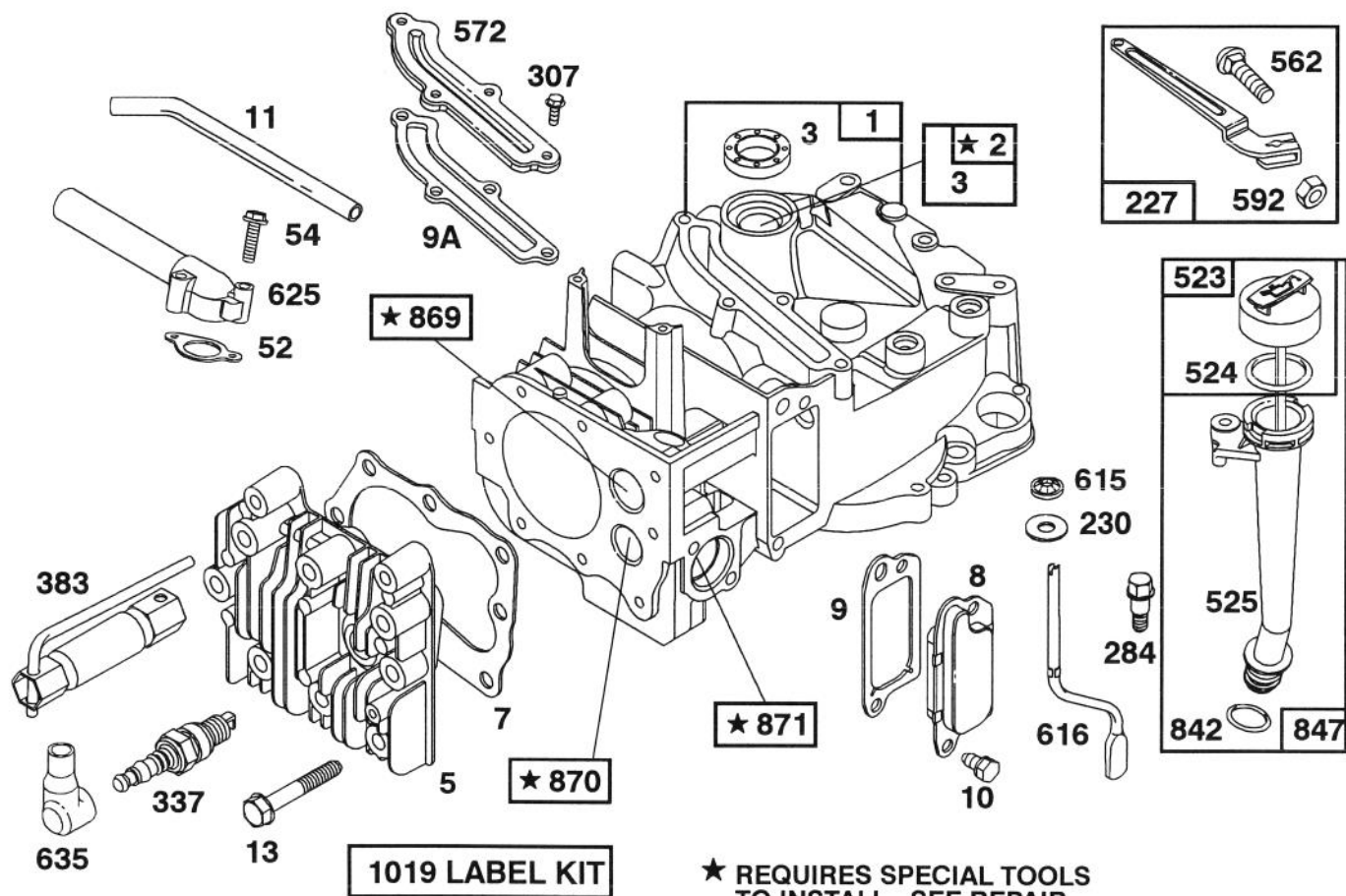


C-0186

GIANT BAGGING KIT NO. 29-9750 (Optional)

Ref. No.	Part No.	Description	No. Used
1	2410-29	Cap	1
2	29-7000	Tube 25"	1
3	8-4719	Bag Assembly (Incl. Ref. #5)	1

Ref. No.	Part No.	Description	No. Used
4	22-4820	Hanger Rod	1
5	3-2781	Bag Cord Fasteners	1



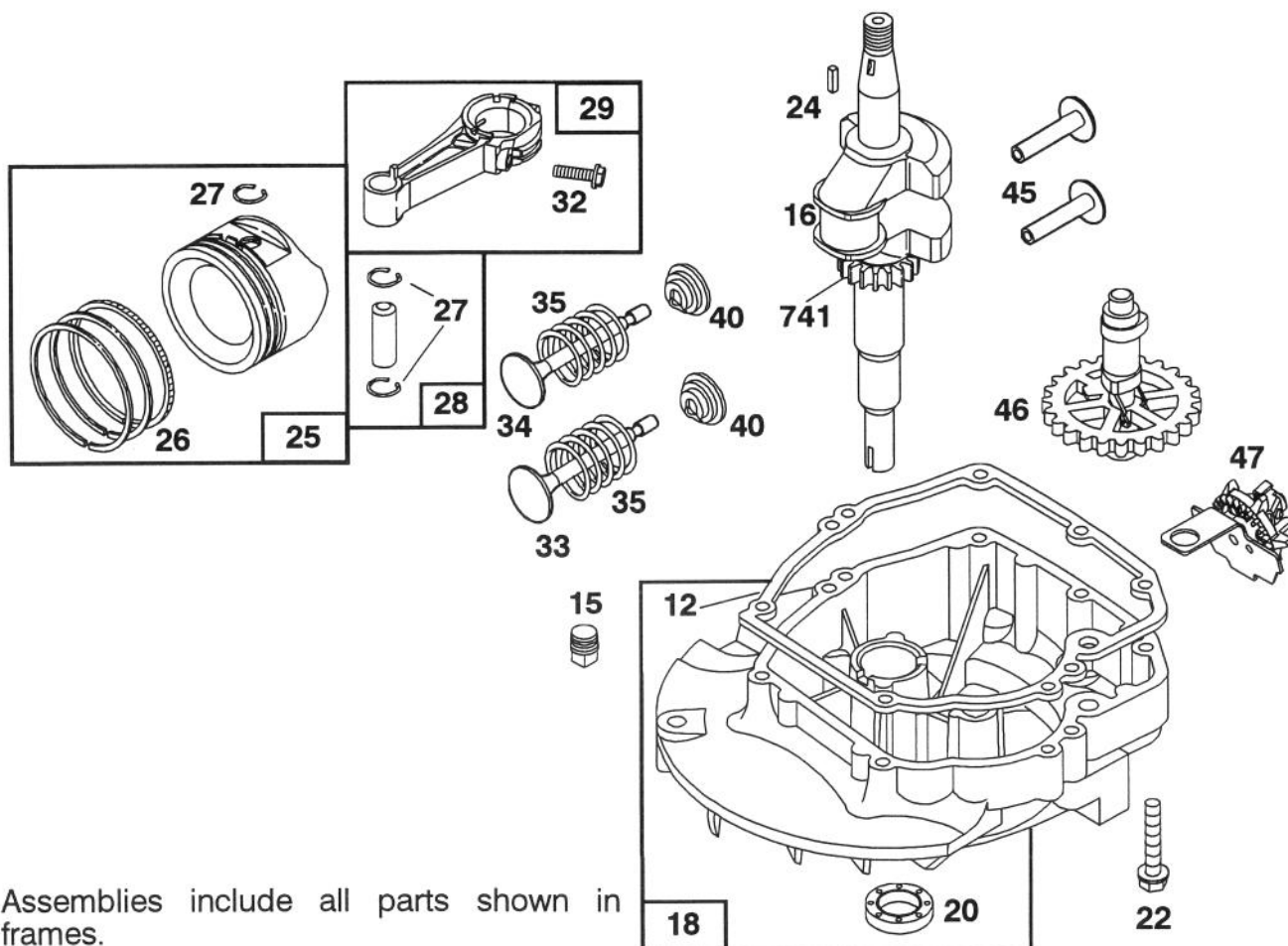
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 122702-3171-01

Ref. No.	Part No.	Description	No. Used
1	493260	Cylinder Assembly	1
2	293708	Bushing—Cylinder	1
		Note: Requires Special Tools for Installation.	
★3	393862	Seal—Oil	1
5	213861	Head—Cylinder	1
★7	272200	Gasket—Cylinder Hd.	1
8	399717	Breather—Valve Chamber	1
★9	271904	Gasket—Valve Cover	1
★9A	272238	Gasket—Baffle Plate	1
10	94222	Mounting Sem	1
11	231685	Tube—Breather	1
13	94547	Screw—Cylinder Hd.	1
★52	272199	Gasket—Intake Elbow	1
54	94526	Screw—Intake Elbow Mounting	1
227	492349	Lever Assembly—Gov.	1
230	67072	Washer—Governor Crank	1
284	94511	Screw—Hex. Head	1
307	94515	Screw—Hex. Head	1
337	802592	Plug—Spark	1
383	89838	Wrench—Spark Plug	1

Ref. No.	Part No.	Description	No. Used
523	493950	Cap with Dipstick—Oil Filler	1
524	280393	Seal—Filler Tube	1
525	493952	Tube—Oil Filler	1
562	92613	Bolt—Governor Lever	1
572	224328	Baffle—Cylinder	1
592	231082	Nut—Hex.	1
615	94474	Pushnut	
		(Governor Crank)	1
616	262578	Crank—Governor	1
625	492717	Tube—Fuel Intake	1
635	66538	Elbow—Spark Plug	1
842	280966	Seal—O—Ring	1
847	493459	Oil Fill Tube and Dipstick Assy.	1
869	213512	Seat—Intake Valve	1
870	213513	Seat—Exhaust Valve	11
871	262001	Guide—Exhaust Valve	1
		Note: 63709 Guide—Intake Valve See Repair Instruction Manual.	
1019	494256	Label Kit	1

★ Included in Gasket Set— Part No. 493263.

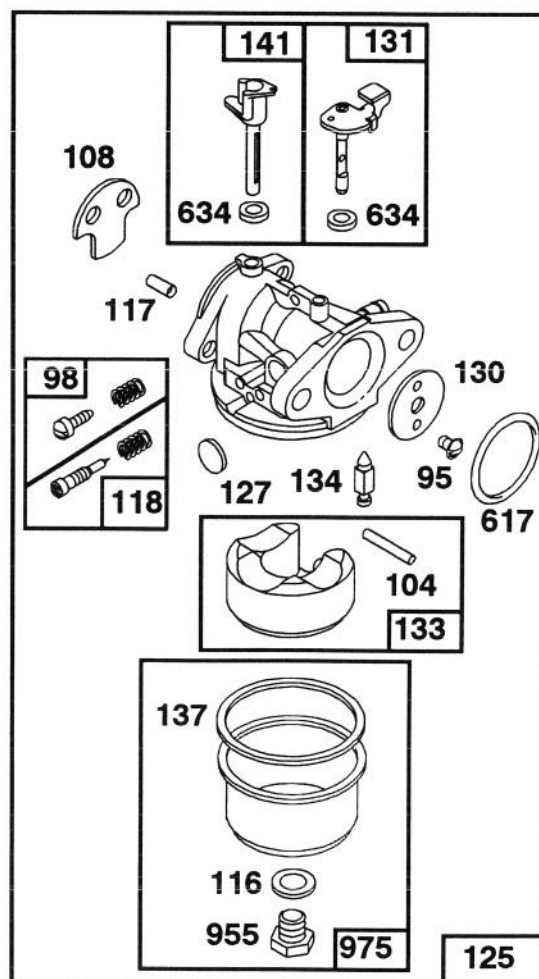
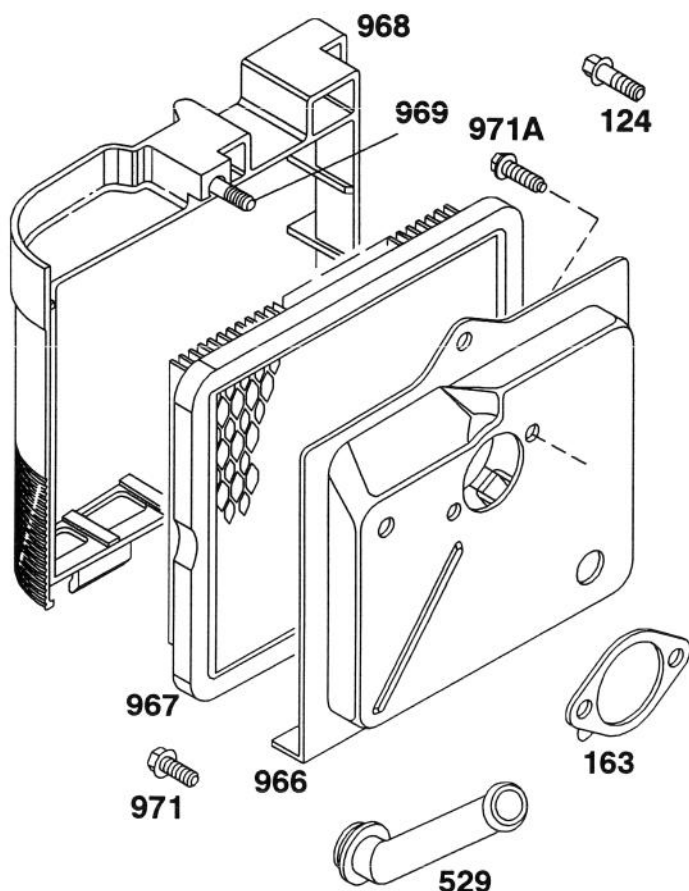


ENGINE BRIGGS & STRATTON MODEL 122702-3171-01

Ref. No.	Part No.	Description	No. Used
★12	272198	Gasket—Crankcase	1
15	94613	Plug—Oil Drain	1
16	493731	Crankshaft Note: Order 94388 For Timing Gear Key	1
18	493279	Sump—Engine	1
★20	399781	Seal—Oil	1
22	94220	Screw—Sump Mtg. Sem Note: 94612 Screw—Hex. Washer Head (One (1) Used in Hole Nearest Breather)	1
24	222698	Key—Flywheel	1
25	493262	Piston Assy.—Standard	1
	493385	Piston Assy.—.010" O.S.	1
	493386	Piston Assy.—.020" O.S.	1
	493387	Piston Assy.—.030" O.S.	1
		PISTON RING SETS: Note: For Chrome Piston Ring Set—Standard Size—Order Part No. 493391.	1
26	493261	Ring Set—Std. Piston	1

Ref. No.	Part No.	Description	No. Used
	493388	Ring Set— .010" O.S. Piston	1
	493389	Ring Set— .020" O.S. Piston	1
	493390	Ring Set— .030" O.S. Piston	27
	26026	Lock—Piston Pin	28
	298909	Pin Assembly—Piston—Standard	1
	298908	Pin Assembly—Piston—.005" O.S.	1
29	490566	Rod Assembly— Connecting Note: For Connecting Rod with .020" Undersize Crankpin Bearing— Order No. 490743.	1
32	94405	Screw—Connecting Rod	1
33	262651	Valve—Exhaust	1
34	262652	Valve—Intake	1
35	262224	Spring—Valve	1
40	93312	Retainer—Valve Spring	1
45	262204	Tappet—Valve	1
46	492828	Gear—Cam	1
47	493737	Oil Slinger Gear and Bracket	1
741	262598	Gear—Timing	1

★ Included in Gasket Set— Part No. 493263.



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 122702-3171-01

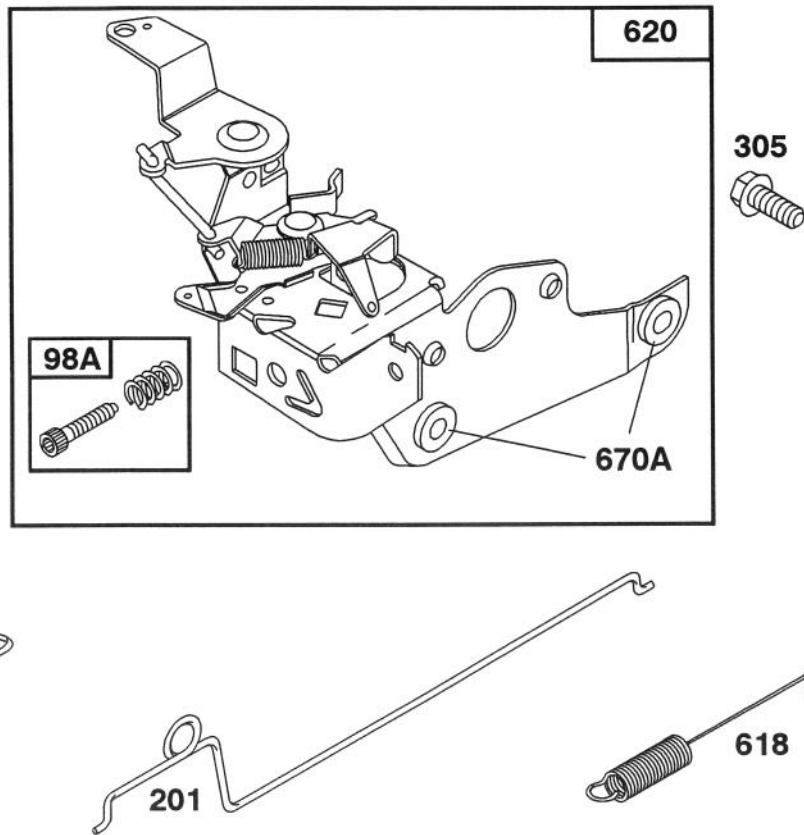
Ref. No.	Part No.	Description	No. Used
95	94098	Screw—Throttle Valve Mounting Sem	1
98	398185	Screw—Idle Adjustment	1
◆ 104	231371	Pin—Float Hinge	1
108	223471	Valve—Choke	1
◆◆ 116		Gasket—Sealing (Sold in Kit Only).	1
◆ 117		Jet (Sold in Kit Only).	1
118	493765	Valve and Spring— Needle	1
124	94525	Screw—Carburetor Mtg.	1
125	494216	Carburetor Assembly	1
◆ 127		Plug—Welch (Sold in Kit Only).	1
130	223470	Valve—Throttle	1
131	493267	Shaft and Lever— Throttle	1
133	398187	Float Assy.—Carburetor	1
◆ 134	398188	Valve—Inlet (Includes Seat)	1

◆◆ 137		Gasket—Bowl (Sold in Kit Only).	1
141	494218	Shaft—Choke	1
★ 163	272296	Gasket—Air Cleaner	1
529	280943	Grommet—Breather	1
◆◆ 617	270344	Seal—Fuel Intake Tube	1
◆◆ 634		Washer—Shaft (Sold in Kit Only)	1
955	493763	Screw—Bowl Mtg.	1
966	492363	Base—Air Cleaner	1
967	491588	Filter—Air	1
968	280937	Cover—Air Cleaner	1
969	94120	Screw—Cover Mtg.	1
971	94269	Screw—Air Cleaner	1
971A	94121	Screw—Base to Carburetor	1
975	493640	Bowl Assy.	1

◆ Included in Carburetor Overhaul Kit— Part No. 493762.

◆◆ Included in Carburetor Gasket Set— Part No. 490937.

★ Included on Gasket Set— Part No. 493263.

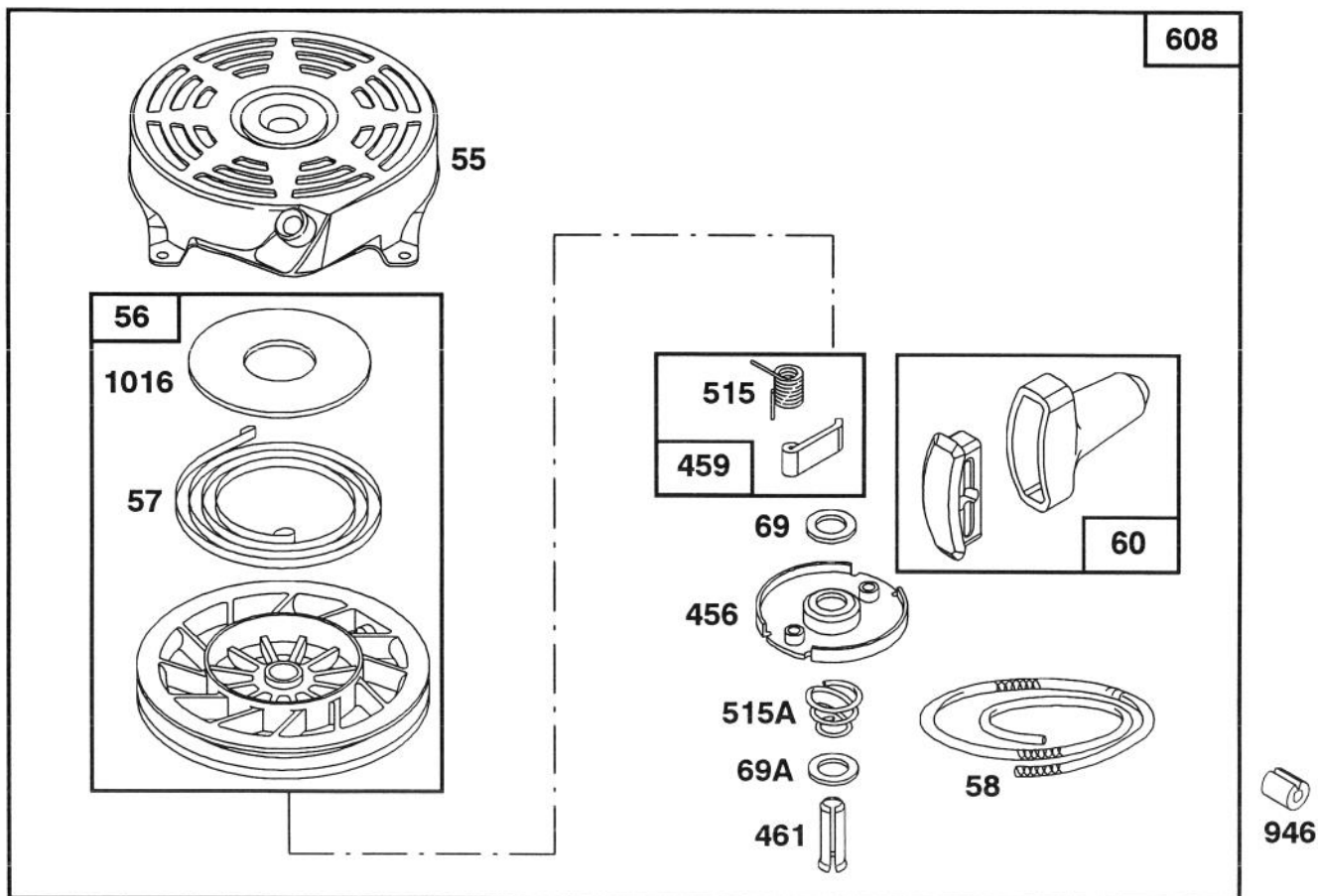


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 122702-3171-01

Ref. No.	Part No.	Description	No. Used
98A	493280	Screw Assy.— Speed Adj.	1
201	262579	Link—Governor	1
209	262661	Spring—Governor	1
305	94513	Screw—Hex. Head Sem	

Ref. No.	Part No.	Description	No. Used
618	262749	Spring—Choke Return	1
620	493894	Bracket Assembly— Carburetor Control	1
670A	493823	Spacer—Carburetor Bracket	1

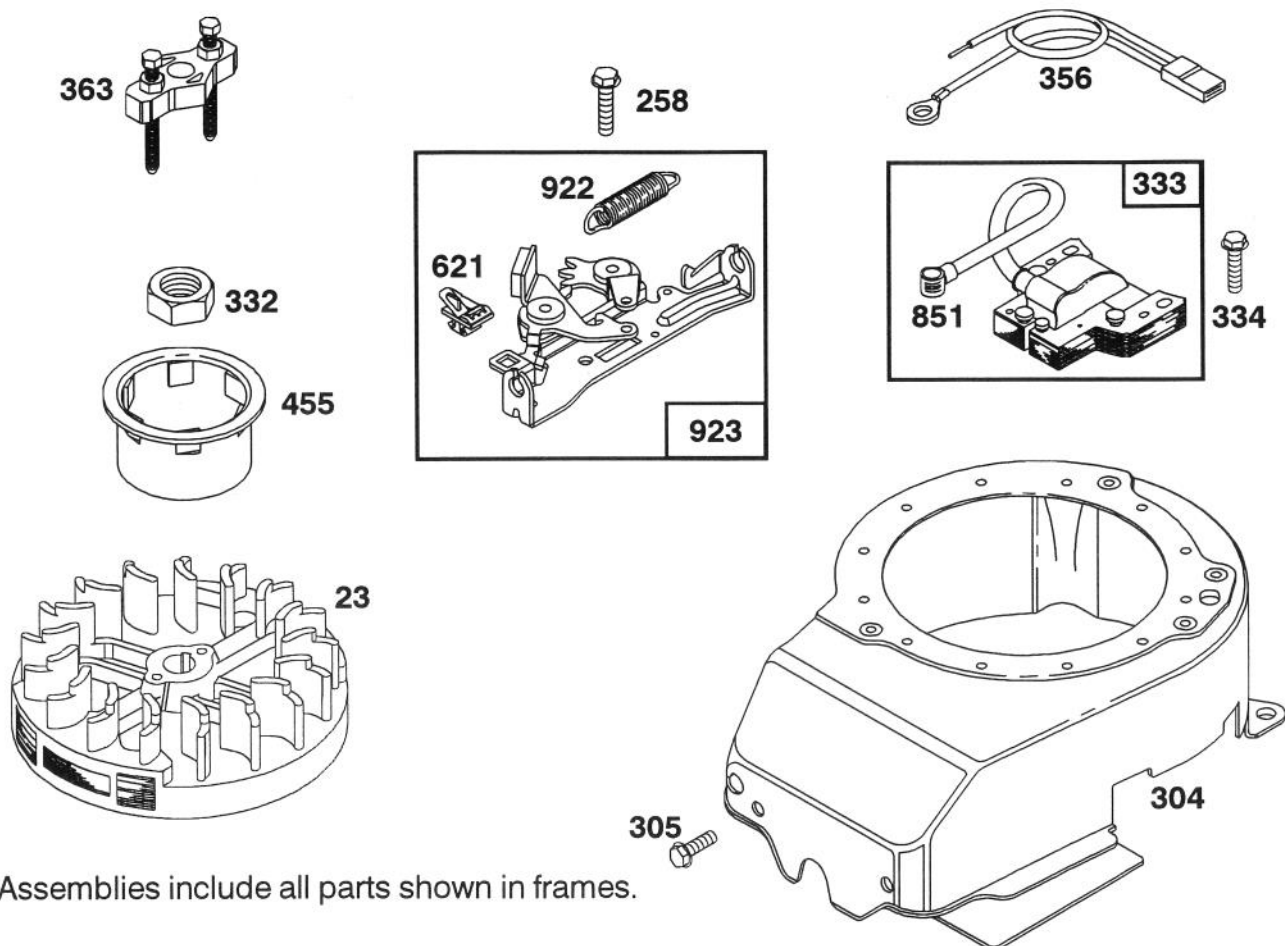


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 122702-3171-01

Ref. No.	Part No.	Description	No. Used
55	492831	Housing—Rewind Starter	1
56	492832	Pulley—Rewind Starter	1
57	262594	Spring—Rewind Starter	1
58	280399	Rope—Rewind Starter	1
60	393152	Handle—Rewind Starter	1
69	280973	Washer—Rewind Starter	1
69A	224322	Washer—Rewind Starter	1
456	224321	Retainer—Rewind Starter	1

Ref. No.	Part No.	Description	No. Used
459	492833	Pawl—Starter	1
461	262626	Pin—Starter	1
515	262556	Spring—Pawl	1
515A	262625	Spring—Torsion	1
608	493295	Starter Assy.—Rewind	1
946	223294	Stop Rope	1
1016	224278	Cover—Rewind Starter	1

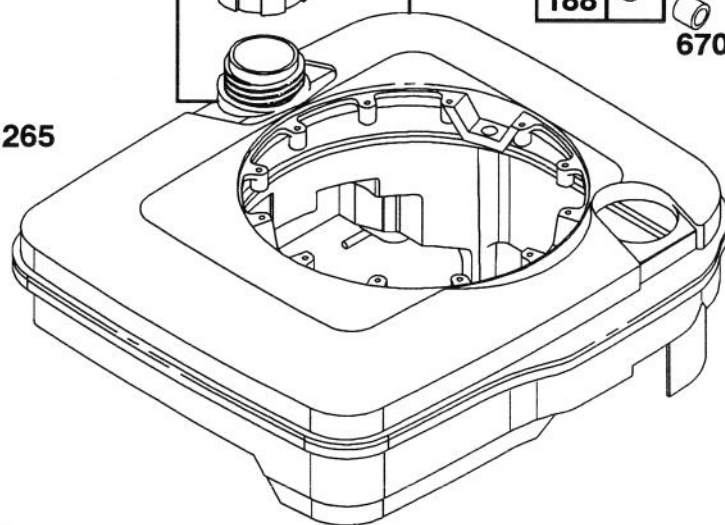
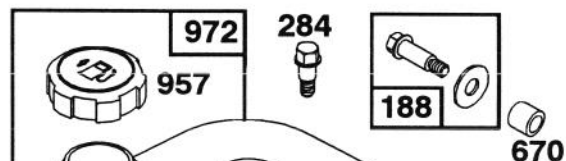
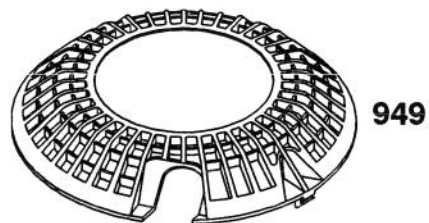
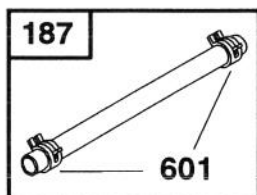
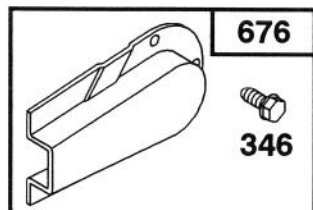
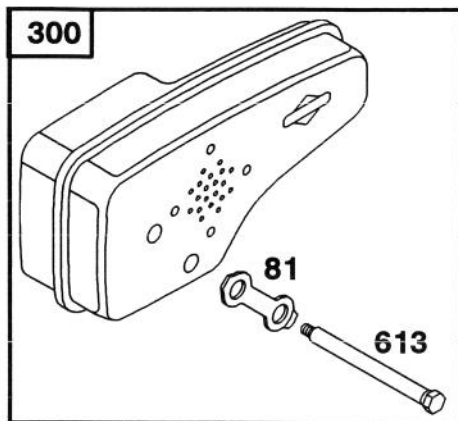


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 122702-3171-01

Ref. No.	Part No.	Description	No. Used
23	492177	Flywheel-Magneto	1
258	94512	Screw-Hex. Hd.	1
304	493293	Housing- Blower	1
305	94513	Screw-Hex. Head Sem	1
332	92284	Nut-Flywheel	1
333	802574	Armature-Magneto	1
334	93381	Screw-Armature Mounting Sem	1

Ref. No.	Part No.	Description	No. Used
356	398808	Wire-Ground	1
363	19069	Puller-Flywheel (Optional Accessory)	1
455	224250	Cup-Starter	1
621	396847	Switch-Stop	1
851	221798	Terminal-Ignition Cable	1
922	262640	Spring-Brake	1
923	492918	Brake Assy.	1

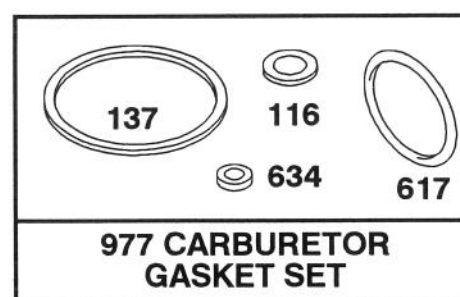
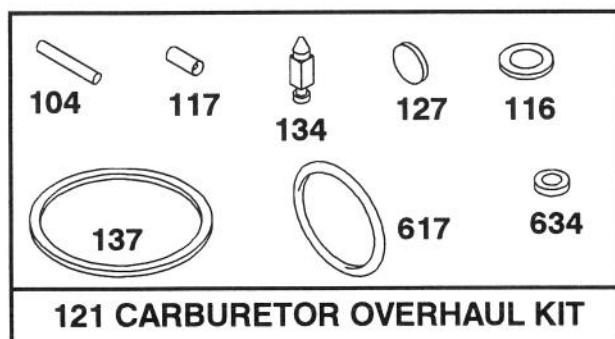
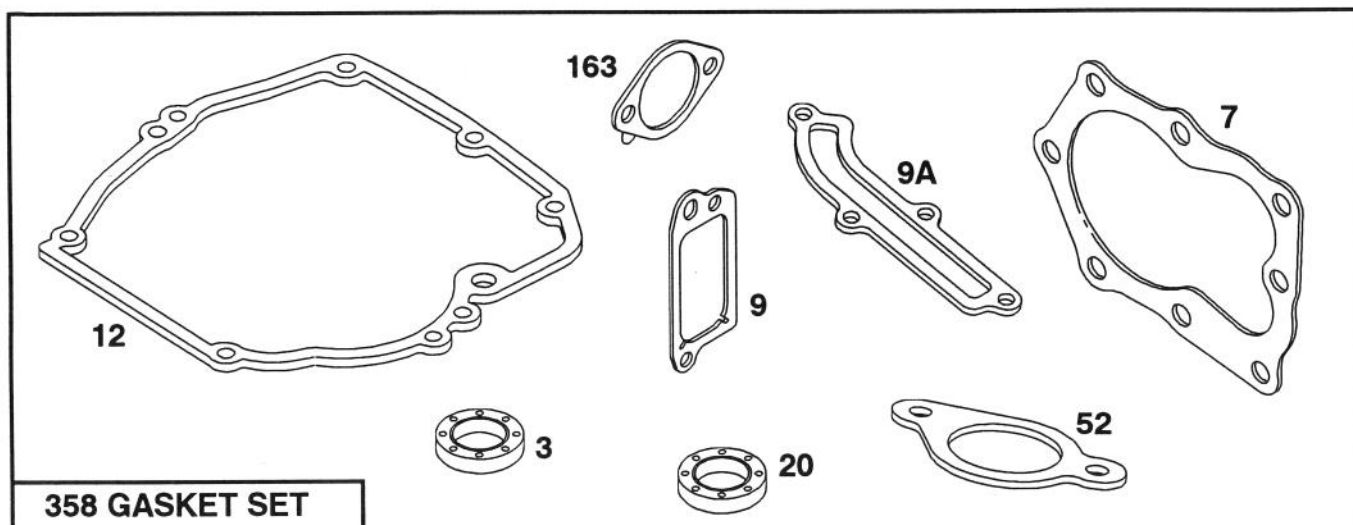


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 122702-3171-01

Ref. No.	Part No.	Description	No. Used
81	223664	Lock—Muffler Screw	1
187	492790	Hose—Fuel	1
188	398540	Screw—Tank Mounting (Includes Washer)	1
265	221535	Clamp—Casing	1
267	94204	Screw—Clamp Mtg.	1
284	94511	Screw—Hex. Head	1
300	490547	Muffler—Exhaust	1

Ref. No.	Part No.	Description	No. Used
346	93705	Screw—Hex. Head	1
601	93807	Clamp—Hose	1
613	94231	Screw—Muffler Mtg.	1
670	280512	Spacer—Fuel Tank	1
676	493871	Deflector—Muffler	1
949	281136	Screen—Static	1
957	397974	Cap Assy.—Fuel	1
972	494358	Tank Assembly—Fuel	1



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 122702-3171-01

Ref. No.	Part No.	Description	No. Used
*3	393862	Seal—Oil	1
*7	272200	Gasket—Cylinder Hd.	1
*9	271904	Gasket—Valve Cover	1
*9A	272238	Gasket—Baffle Plate	1
*12	272198	Gasket—Crankcase	1
*20	399781	Seal—Oil	1
*52	272199	Gasket—Intake Elbow	1
•104	231371	Pin—Float Hinge	1
•♦116		Gasket—Sealing (Sold in Kit Only).	1
•117		Jet (Sold in Kit Only).	1
121	493762	Carburetor Overhaul Kit	1

Ref. No.	Part No.	Description	No. Used
•127		Plug—Welch (Sold in Kit Only).	1
•134	398188	Valve—Inlet (Includes Seat)	1
•♦137		Gasket—Bowl (Sold in Kit Only).	1
*163	272296	Gasket—Air Cleaner	1
358	493263	Gasket Set	1
•♦617	270344	Seal—Fuel Intake Tube	1
•♦634		Washer—Shaft (Sold in Kit Only)	1
977	490937	Gasket Set—Carburetor	1

- ♦ Included in Carburetor Overhaul Kit— Part No. 493762.
- ♦♦ Included in Carburetor Gasket Set— Part No. 490937.
- * Included in Gasket Set— Part No. 493263.

MAINTENANCE RECORD

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