

28C700 to 28C799

Illustrated Parts List

Model Series

28C700 to 28C799

TYPE NUMBERS
0015, 0026, 0029,
0101, 0102, 0110,
0114 through 0118,
0136, 0137, 0604.

TO FIND

THE CORRECT NUMBER OF THE PART YOU NEED:

FOLLOW THE INSTRUCTIONS BELOW

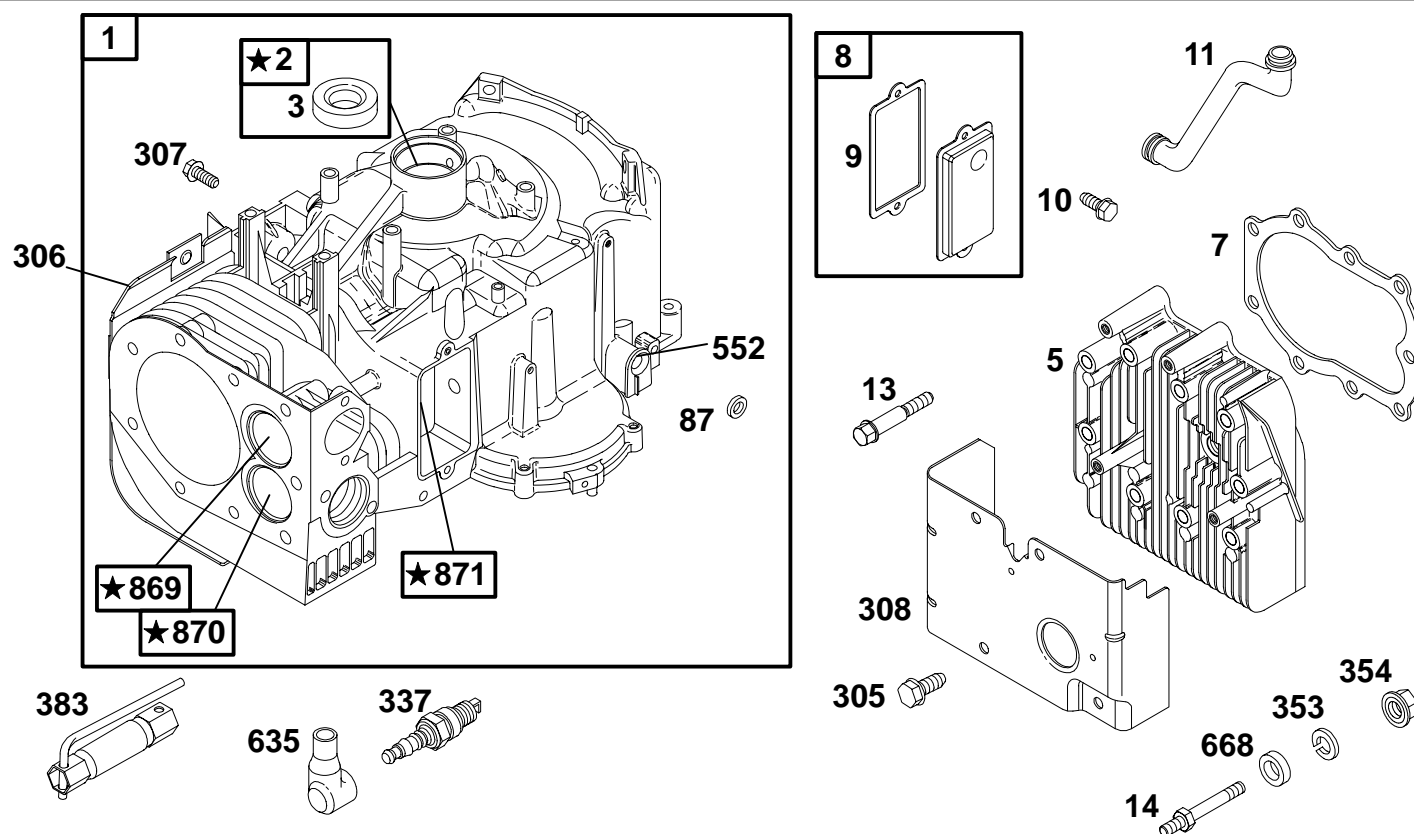
- A. Refer to Engine Model, Type and Code Number that is stamped on the blower housing of engine. Engine type numbers such as 0123 01 are listed only as 0123 in most instances. The two digits (01 or 02, etc.) to the right of the space may be required for more accurate parts identification in some instances. Select the Illustrated Parts List covering the correct Model Series and Type Number.
- B. Refer to the Illustrations and compare the original part with Illustration. The number next to the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames having individual reference numbers can be purchased separately.
- C. After the Reference Number has been identified, refer to the Numerical text, where Reference and Primary Part Number are listed. **THE PRIMARY PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE."**
- D. If a "Note" appears below the Primary Part Number, it means that this part differs from the Primary Part for certain types. If your Type number is listed under "Note," order the part referred to at the "Note."
- E. If your Engine Type Number does not appear after any part number listed under "Note," use the Primary Part Number.
- F. For Engine Type Numbers not covered by this book, check other Parts Lists having the same engine model or contact your source of supply.

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28C700 to 28C799



★ **REQUIRES SPECIAL TOOLS
TO INSTALL. SEE REPAIR
INSTRUCTION MANUAL.**

1019 LABEL KIT

1058 OWNER'S MANUAL

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	496414	Cylinder Assembly	307	94386	Screw-Hex.	871	261961	Bushing-Guide (Exhaust Valve)
2	399265	Bushing	308	491490	Cover-Cylinder			Note
3	★391086	Seal-Oil	337	802592	Plug-Spark			231218 Bushing-Guide
5	494240	Head-Cylinder	353	94315	Washer-Lock			(Intake)
7	★Ø271866	Gasket-Cylinder Head	354	94314	Nut-Hex.	1019	491254	Label Kit
8	495735	Breather Assembly	383	89838	Wrench-Spark Plug	1058	272697	Owner's Manual
9	★Ø27803	Gasket-Breather	552	491986	Bushing-Governor Crank			Note
10	94621	Screw-Hex.	635	66538	Boot-Spark Plug			273131 Owner's
11	281246	Tube-Breather	668	231109	Spacer			Manual
13	94622	Screw-Hex.	869	261463	Seat-Valve (Intake)			Used on Type No(s).
14	94776	Stud-Hex. Drive	870	262924	Seat-Valve (Exhaust)			0604.
87	★491323	Seal-Governor Shaft						
305	94786	Screw-Hex.						
306	224545	Shield-Cylinder						

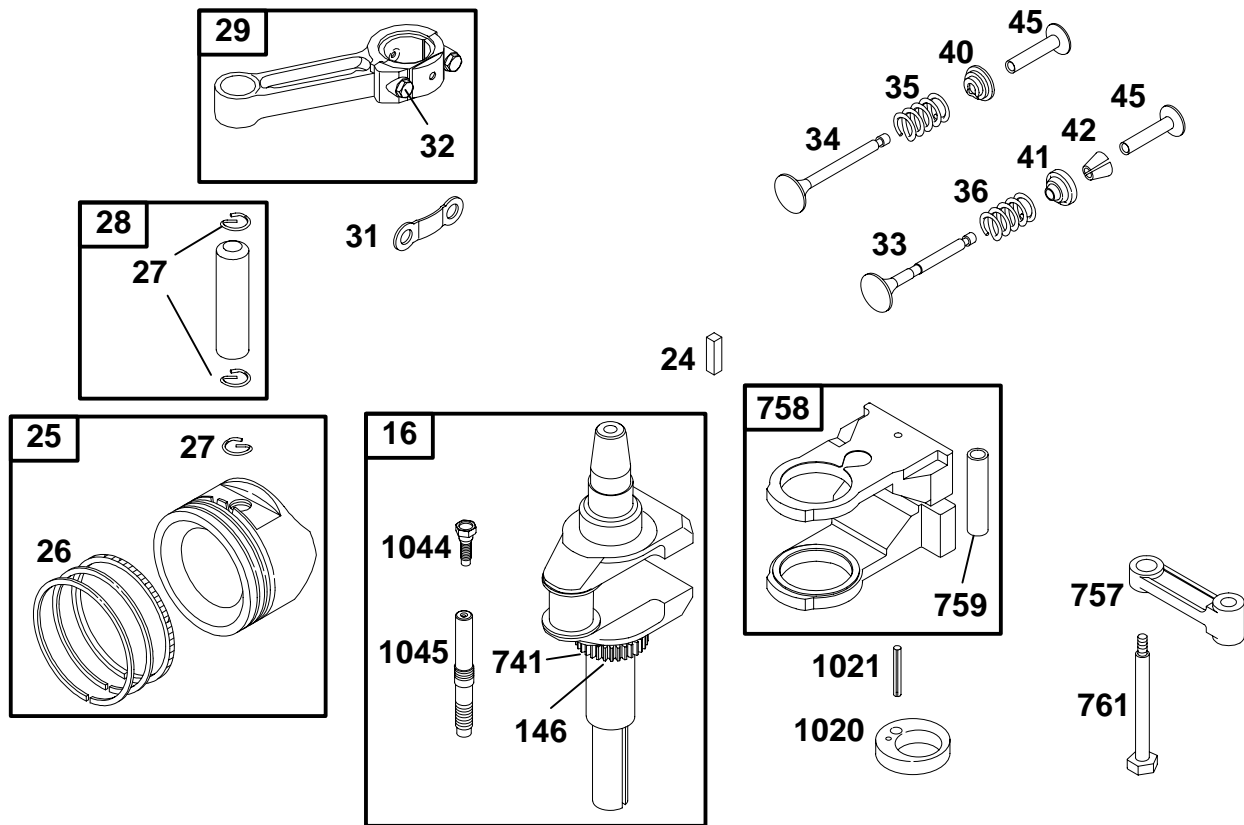
★ Included in Gasket Set-Part Number 494241.

● Included in Carburetor Kit-See Ref. 121.

◆ Included in Carburetor Gasket Set-Part No. 494385.

Ø Included in Valve Overhaul Gasket Set-Part No. 498539.

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
16	495162	Crankshaft	27	260924	Lock-Piston Pin	146	94196	Key-Timing
24	222698	Key-Flywheel	28	299691	Pin-Piston (Standard)	741	262932	Gear-Timing
25	391285	Piston Assembly (Standard)	Note			757	213998	Link-Counterweight
		391287 Piston Assy. (.010" O.S.)		391286	Pin-Piston (.005" O.S.)	758	399891	Counterweight
		391288 Piston Assy. (.020" O.S.)	29	490348	Rod-Connecting (Standard)	759	230787	Pin-Counterweight
		391289 Piston Assy. (.030" O.S.)	Note			761	94593	Screw-Hex.
26	391780	Ring Set (Standard)		490469	Rod-Conn. (.020" Undersize)	1020	262243	Eccentric
		392331 Ring Set (Standard Chrome)	31	222299	Lock-Rod Screw	1021	94160	Pin-Groove
		391781 Ring Set (.010" O.S.)	32	95017	Screw-Conn. Rod	1044	94673	Screw-Shoulder
		391782 Ring Set (.020" O.S.)	33	262246	Valve-Exhaust	1045	231828	Extension-Crankshaft
		391783 Ring Set (.030" O.S.)	34	262247	Valve-Intake			
			35	65906	Spring-Valve			
			36	26828	Spring-Valve			
			40	221596	Retainer-Valve			
			41	292260	Retainer-Valve			
			42	494553	Keeper-Valve			
			45	262248	Tappet-Valve			

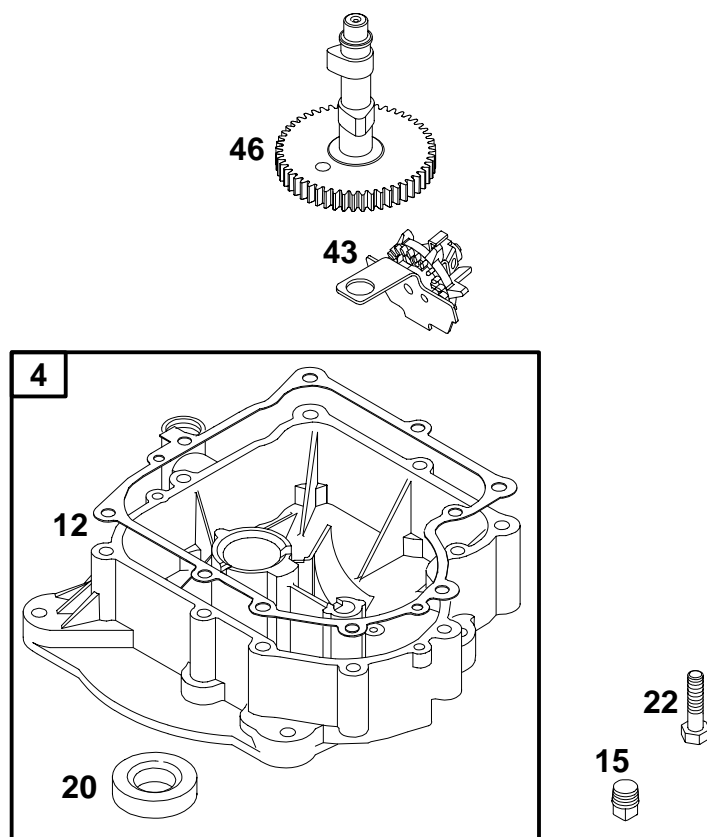
★ Included in Gasket Set-Part Number 494241.

● Included in Carburetor Kit-See Ref. 121.

◆ Included in Carburetor Gasket Set-Part No. 494385.

⊘ Included in Valve Overhaul Gasket Set-Part No. 498539.

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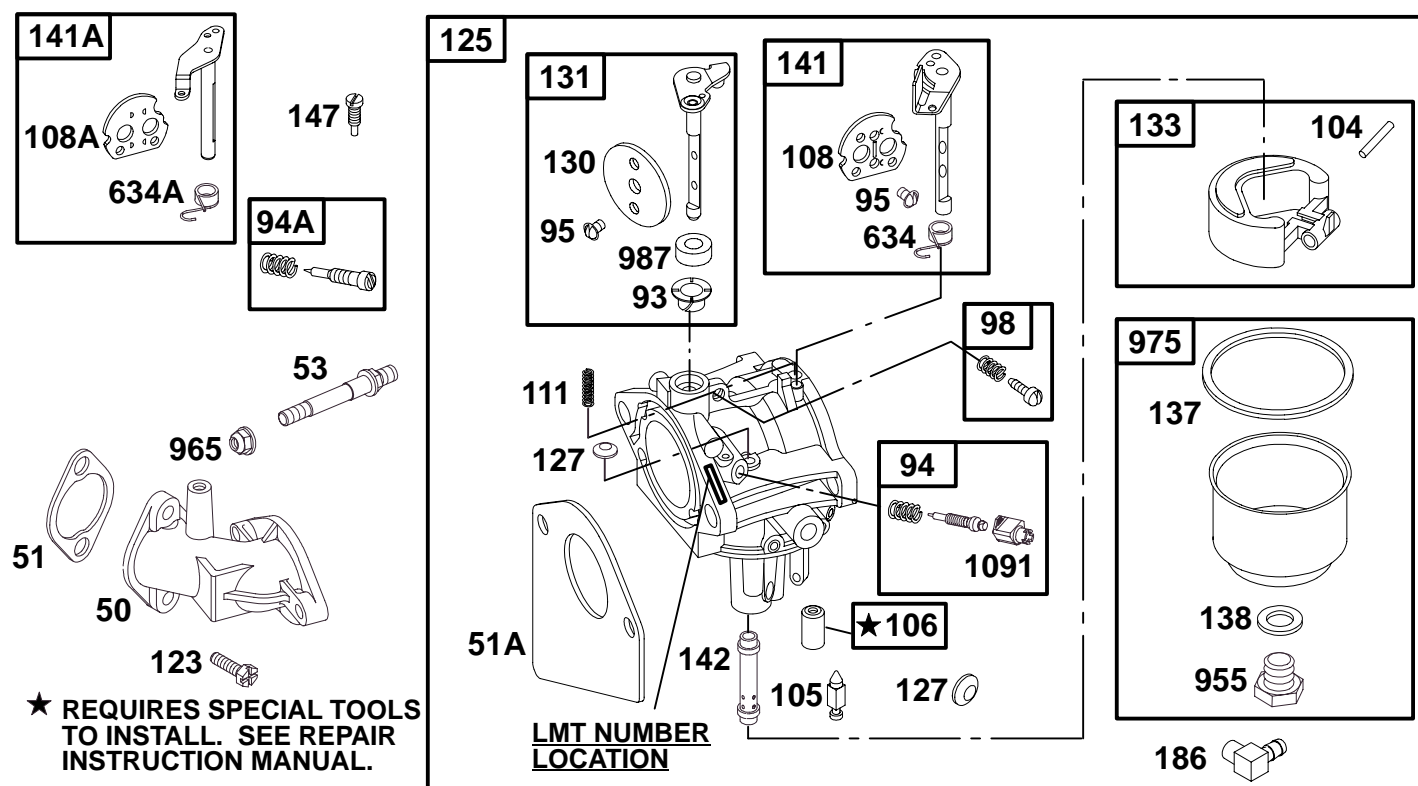


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
4	494238	Sump-Engine	15	94239	Plug-Oil Drain	22	94624	Screw-Hex.
12	★271916	Gasket-Crankcase (.015" Thick)	20	★291675	Seal-Oil	43	490815	Governor-Oil Slinger
Note ★271997 Gasket-Crankcase (.005" Thick) ★271996 Gasket-Crankcase (.009" Thick)						46	212897	Gear-Cam

★ Included in Gasket Set-Part Number 494241.
 ● Included in Carburetor Kit-See Ref. 121.

◆ Included in Carburetor Gasket Set-Part No. 494385.
 Ø Included in Valve Overhaul Gasket Set-Part No. 498539.

28C700 to 28C799



THIS CARBURETOR SERVICES BOTH CHOKE-A-MATIC AND MANUAL CHOKE SYSTEMS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
50	213819	Manifold-Intake	130	224668	Valve-Throttle			
51	★272554	Gasket-Intake	131	494885	Throttle Shaft Kit			499038 Nozzle-Carb. (High Altitude) (LMT 162)
51A	◆272465	Gasket-Carb. Elbow	133	494381	Float-Carburetor			499040 Nozzle-Carb. (High Altitude) (LMT 166)
53	94637	Stud-Carburetor Mounting	137	◆281165	Gasket-Float Bowl			497970 Nozzle-Carb. (High Altitude) (LMT 97)
93	◆281346	Bushing-Thr. Shaft	138	◆281164	Washer			Note
94	498030	Valve-Idle Adjustment	141	495097	Shaft-Choke (Manual Choke)			231983 Jet-Pilot (LMT 133)
94A	496589	Valve-Idle Adjustment	141A	495931	Shaft Choke (Choke-A-Matic)			
95	◆94098	Screw-Round Head	142	◆499037	Nozzle-Carburetor (Standard) (LMT 162)	147	◆497472	Jet-Pilot (LMT 97)
98	495800	Screw-Idle Speed			Note			
104	◆231789	Pin-Float Hinge			◆499039 Nozzle-Carb. (Standard) (LMT 166)			
105	◆231855	Valve-Needle			◆497568 Nozzle-Carb. (Standard) (LMT 97)			
106	◆231854	Seat-Inlet (Gravity Feed)			◆497860 Nozzle-Carb. (Standard) (LMT 133)			
108	224667	Valve-Choke				186	493496	Connector-Hose
108A	224666	Valve-Choke				634	◆494453	Seal-Spring Assembly
111	262820	Spring-Friction				634A	◆494455	Seal-Spring Assembly
123	94616	Screw-Torx® Hex.				955	94642	Screw-Bowl Mounting
125	499161	Carburetor (LMT 162, 165, 166)				965	94010	Nut-Hex.
127	•	Plug-Welch (Sold in Kit Only)				975	494378	Bowl-Float
						987	◆281166	Seal-Throttle Shaft
						1091	281364	Cap-Limiter

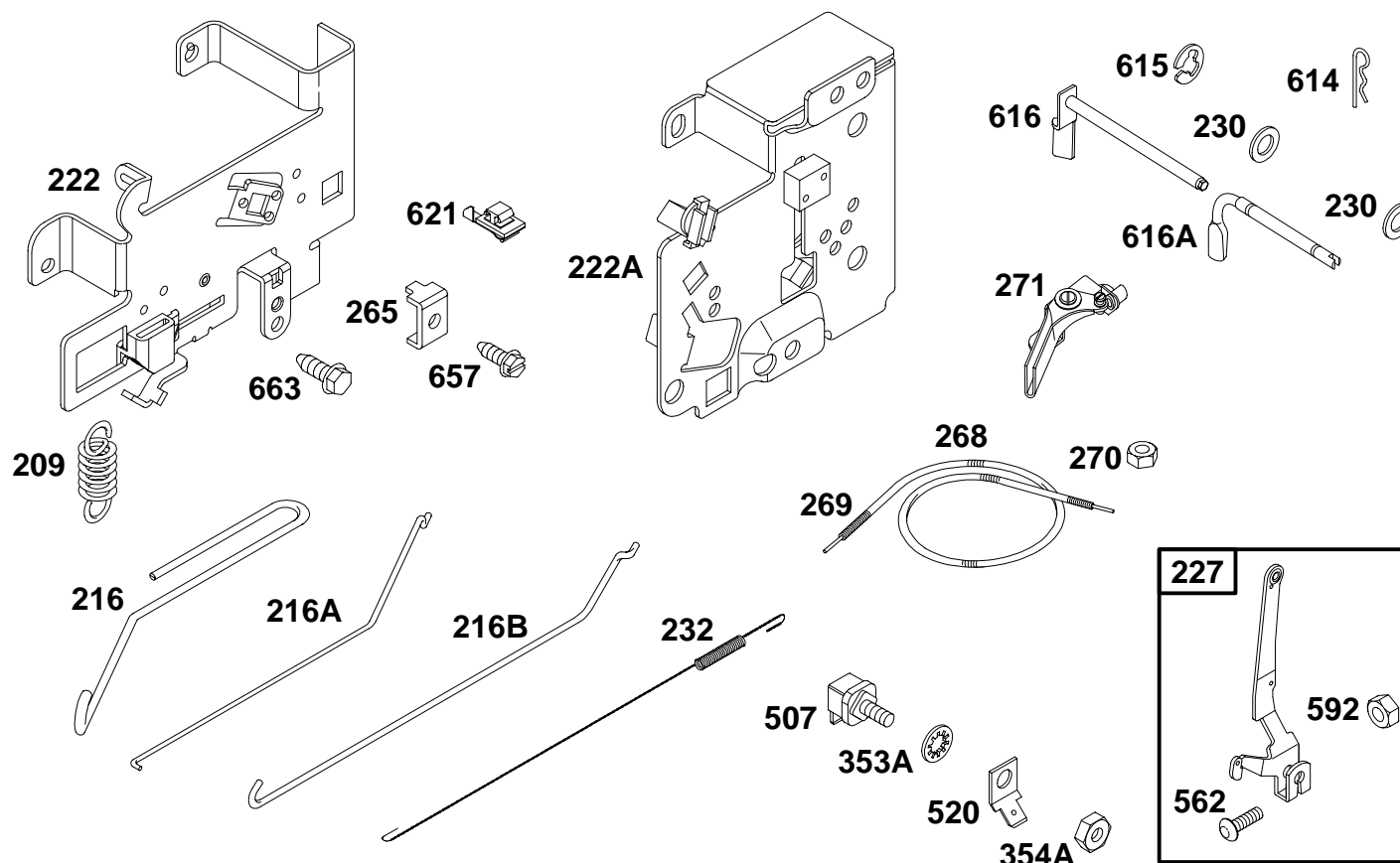
★ Included in Gasket Set-Part Number 494241.

◆ Included in Carburetor Kit-See Ref. 121.

◆ Included in Carburetor Gasket Set-Part No. 494385.

Ø Included in Valve Overhaul Gasket Set-Part No. 498539.

28C700 to 28C799

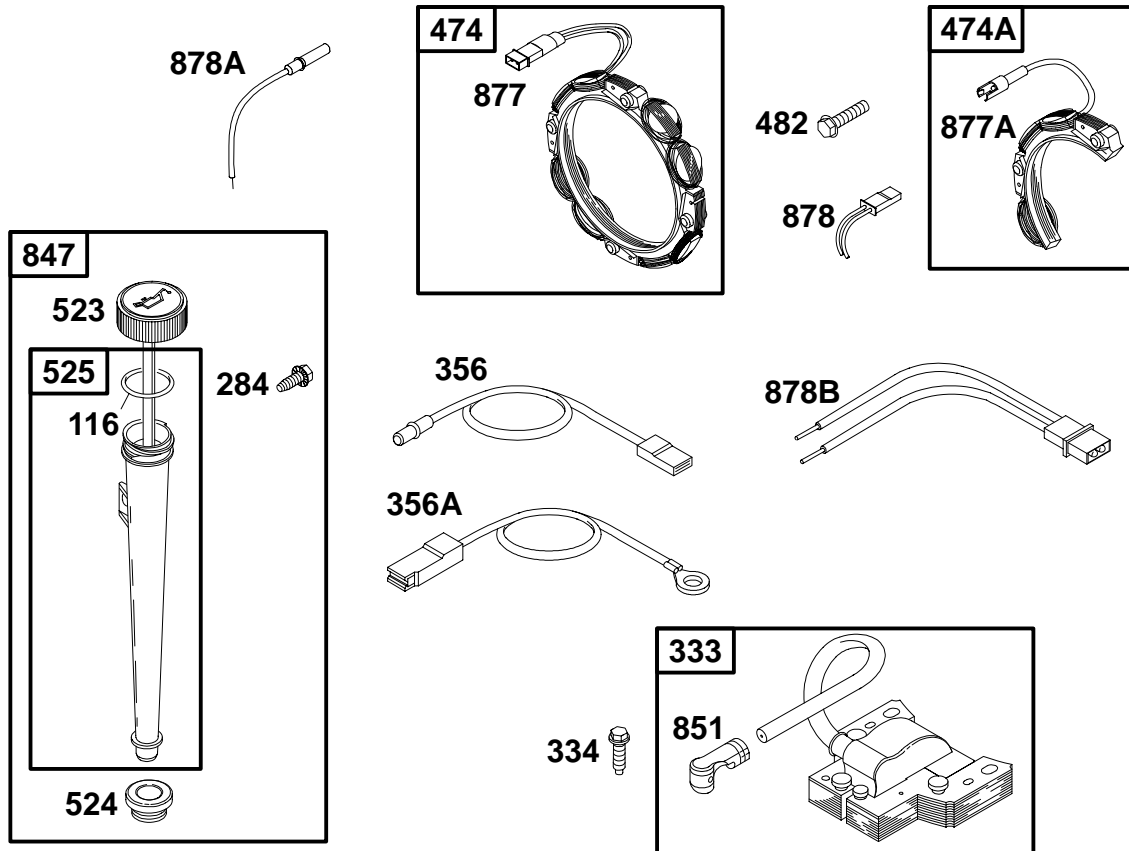


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
209	260871	Spring—Governor Note 260695 Spring—Gov. Used on Type No(s). 0117. 262783 Spring—Gov. Used on Type No(s). 0116, 0118. 261306 Spring—Gov. Used on Type No(s). 0110.	222	495611	Bracket—Control	353A	92791	Washer—Lock
			222A	494041	Bracket—Control	354A	90576	Nut—Hex.
			227	493935	Lever—Governor	507	398525	Insulator
			230	94742	Washer—Flat	520	93722	Terminal
			232	262785	Spring—Link	562	92613	Bolt—Governor Lever
			265	221535	Clamp—Casing	592	231082	Nut—Hex.
			268	65616	Casing—Wire (72" Long Cut to Required Length)	614	93306	Pin—Cotter
			269	26633	Wire—Control (78" Long Cut to Required Length)	615	93307	Retainer—E-Ring
216	262766	Link—Choke	270	63426	Locknut—Casing	616	495157	Crank—Governor
216A	262778	Link—Choke	271	290568	Lever—Control	616A	231058	Crank—Governor
216B	262767	Link—Choke				621	396847	Switch—Stop
						657	93496	Screw—Slotted Hex.
						663	94620	Screw—Hex.

★ Included in Gasket Set—Part Number 494241.
● Included in Carburetor Kit—See Ref. 121.

◆ Included in Carburetor Gasket Set—Part No. 494385.
⊘ Included in Valve Overhaul Gasket Set—Part No. 498539.

28C700 to 28C799

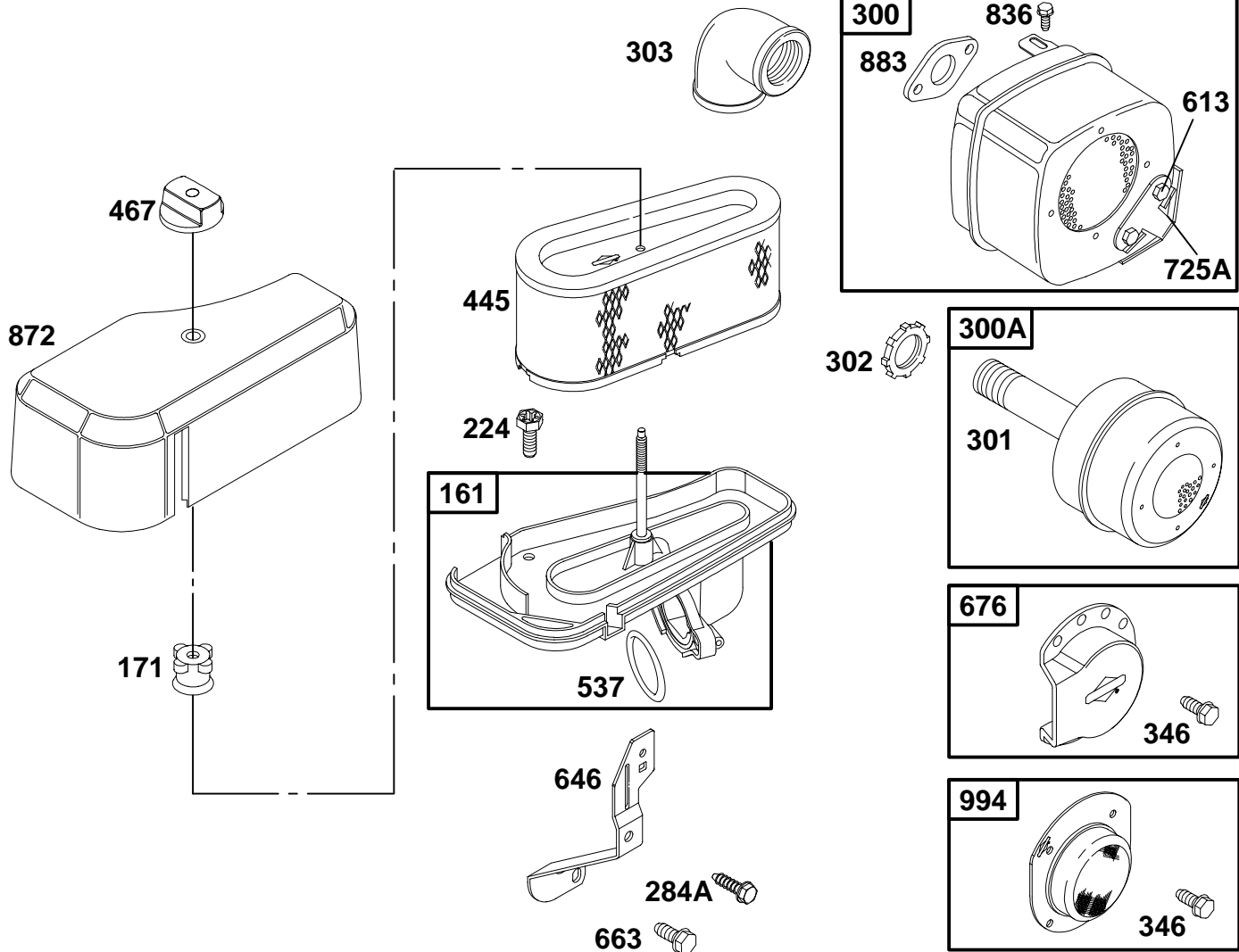


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
116	★270920	Seal-O-Ring	474A	391529	Alternator	851	493880	Terminal-Cable
284	94073	Screw-Shoulder	482	93621	Screw-Hex.	877	393456	Wire-Alternator
333	492341	Armature-Magneto	523	495229	Dipstick	877A	393814	Wire-Alternator
334	94731	Screw-Hex.	524	★281370	Seal-Fill Tube	878	393362	Harness-Alternator
356	494328	Wire-Stop	525	496068	Tube-Oil Fill	878A	393422	Harness-Alternator
356A	399223	Wire-Stop	847	496367	Dipstick/Tube Assembly	878B	399916	Harness-Alternator
474	393474	Alternator						

★ Included in Gasket Set-Part Number 494241.
 ● Included in Carburetor Kit-See Ref. 121.

◆ Included in Carburetor Gasket Set-Part No. 494385.
 Ø Included in Valve Overhaul Gasket Set-Part No. 498539.

28C700 to 28C799

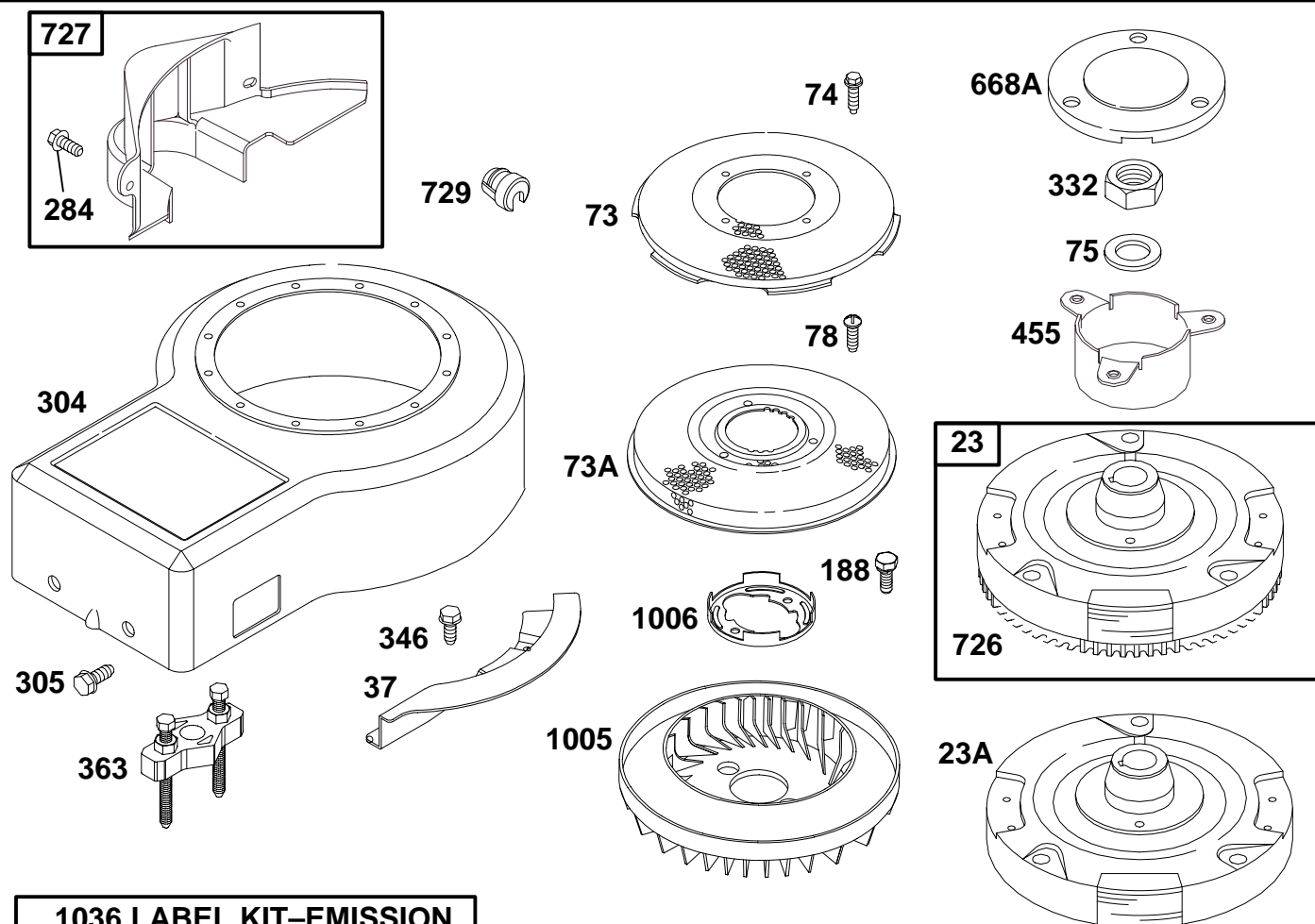


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
161	496368	Base—Air Cleaner	303	91308	Elbow—Exhaust	663	94620	Screw—Hex.
171	281051	Nut	346	93705	Screw—Hex.	676	393761	Deflector—Muffler
224	94729	Screw—Torx® Hex.	445	493910	Filter—Air	725A	223023	Shield—Heat
284A	94704	Screw Hex.	467	493903	Nut—Air Cleaner	836	94513	Screw—Hex.
300	491413	Muffler—Exhaust	537	★Ø281106	Gasket—Air Cleaner	872	281105	Cover—Air Cleaner
300A	391569	Muffler—Exhaust	613	93927	Screw—Shoulder	883	★Ø272293	Gasket—Exhaust
301	93768	Pipe—Muffler	646	224546	Brace	994	392390	Arrester—Spark
302	261564	Locknut—Muffler						

★ Included in Gasket Set—Part Number 494241.
 ● Included in Carburetor Kit—See Ref. 121.

◆ Included in Carburetor Gasket Set—Part No. 494385.
 Ø Included in Valve Overhaul Gasket Set—Part No. 498539.

28C700 to 28C799



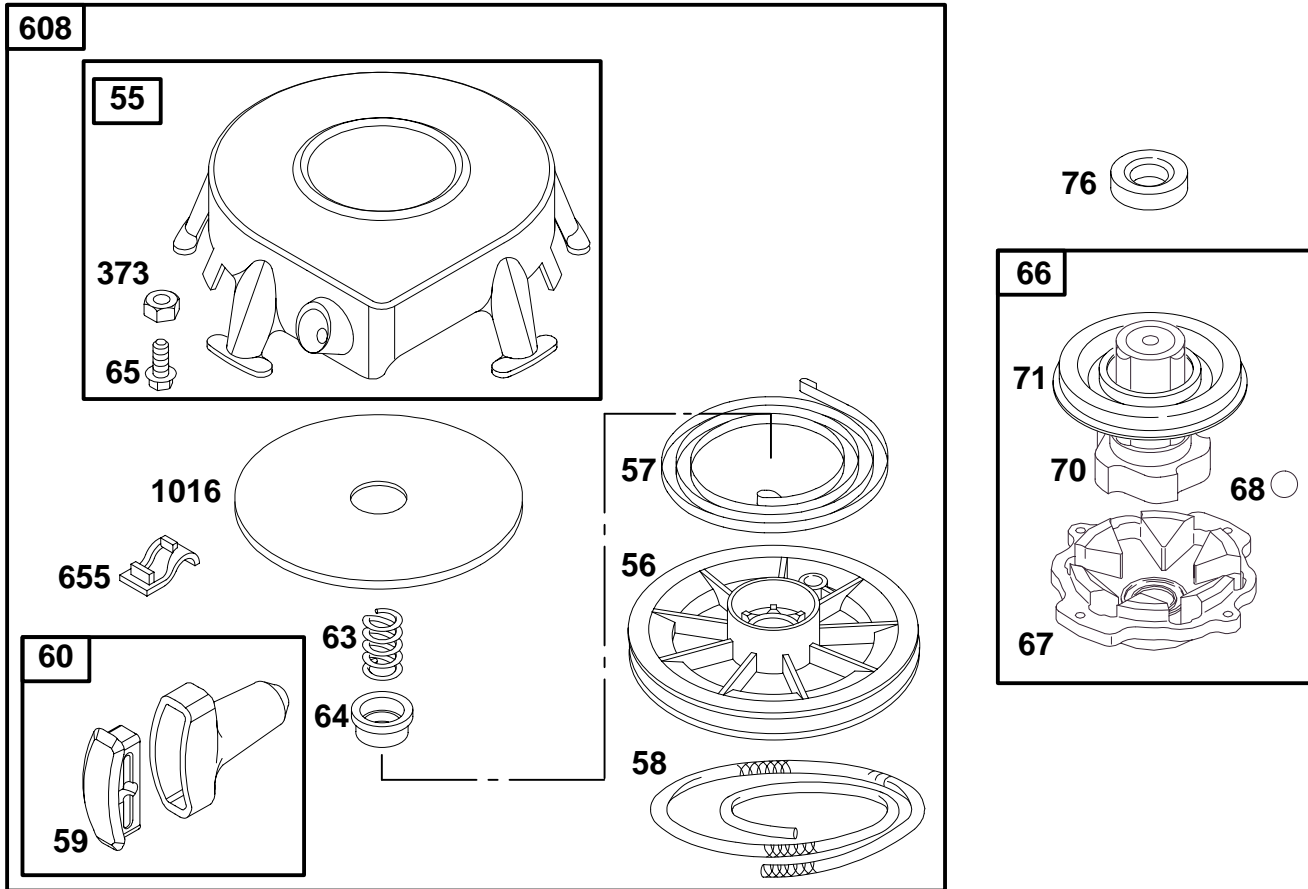
1036 LABEL KIT-EMISSION

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
23	492326	Flywheel	74	93758	Screw-Hex.	668A	280848	Spacer
23A	492135	Flywheel	75	224061	Washer-Flywheel	726	392134	Gear-Ring
37	224502	Guard-Flywheel	78	94626	Screw-Phillips	727	490324	Cover-Starter Drive
		Note	188	94627	Screw-Hex.	729	281159	Clip-Wire
		494674 Guard-Flywheel	284	94073	Screw-Shoulder	1005	280687	Fan-Flywheel
		(Includes Mounting Hardware)	304	496319	Housing-Blower (Black)	1006	224413	Retainer-Fan
		Used on Type No(s). 0015, 0102, 0118.	305	94786	Screw-Hex.	1036	499361	Label Kit-Emission Used on Type No(s). 0604.
73	224518	Screen-Rotating	332	92284	Nut-Flywheel			
73A	224517	Screen-Rotating	346	93705	Screw-Hex.			
			363	19203	Flywheel-Puller			
			455	222561	Cup-Flywheel			

★ Included in Gasket Set-Part Number 494241.
● Included in Carburetor Kit-See Ref. 121.

◆ Included in Carburetor Gasket Set-Part No. 494385.
⊘ Included in Valve Overhaul Gasket Set-Part No. 498539.

28C700 to 28C799

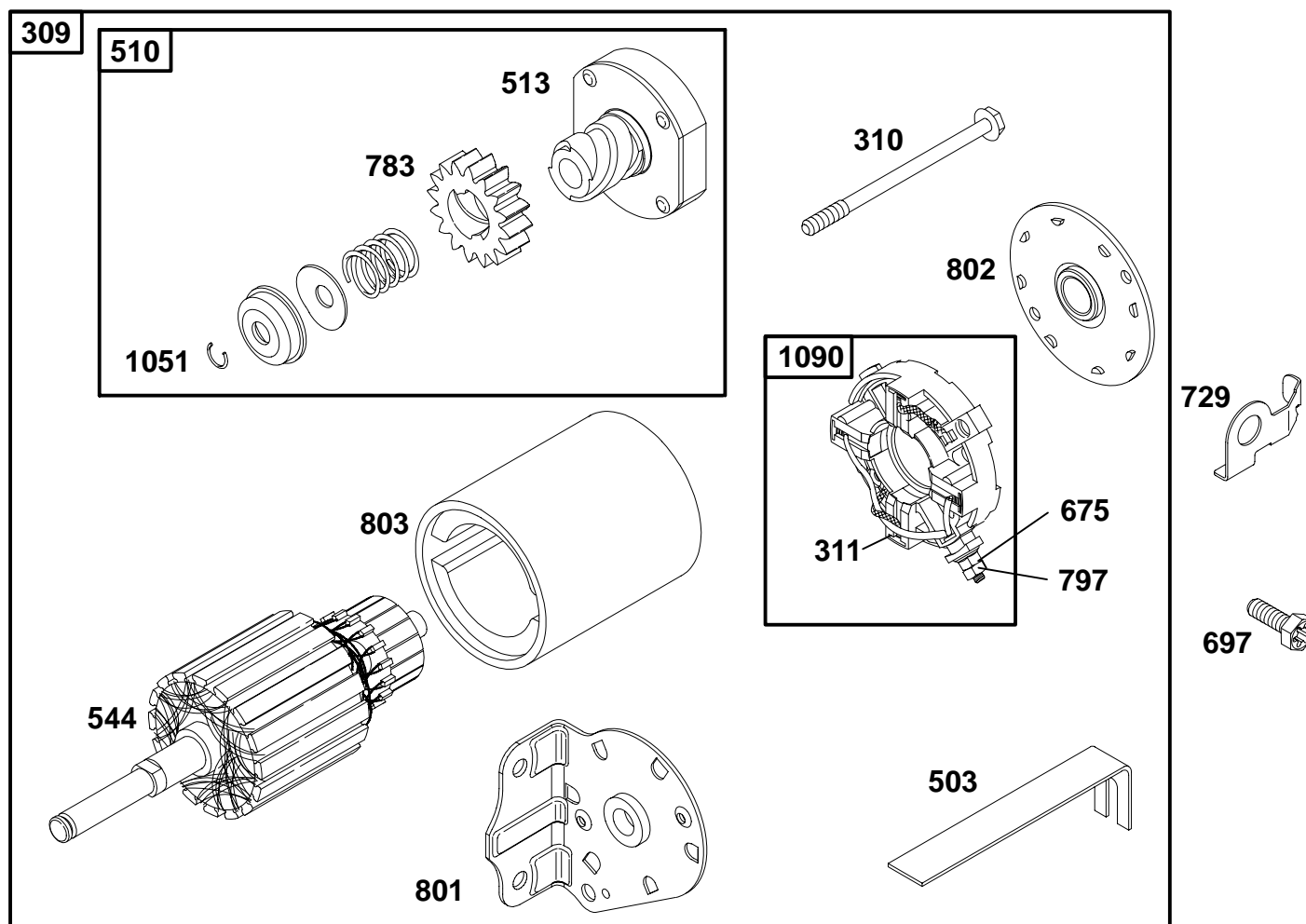


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
55	393576	Housing-Rewind Starter (Includes 63" Rope)	60	490652	Grip-Starter Rope	71	394506	Cover-Ratchet
56	295871	Pulley-Starter	63	260414	Spring-Ratchet	76	68238	Seal
57	490179	Spring-Rewind Starter	64	281204	Adapter-Spring	373	92987	Nut-Hex.
58	66884	Rope-Starter (63" Long)	65	94128	Screw-Hex.	608	390391	Starter-Rewind
59	490653	Insert-Grip	66	399671	Clutch-Starter	655	222598	Anchor-Rewind Spring
			67	394897	Housing-Clutch	1016	490817	Spacer-Rewind
			68	63770	Ball-Clutch			
			70	298799	Ratchet-Clutch			

★ Included in Gasket Set-Part Number 494241.
● Included in Carburetor Kit-See Ref. 121.

◆ Included in Carburetor Gasket Set-Part No. 494385.
⊘ Included in Valve Overhaul Gasket Set-Part No. 498539.

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309	693054	Motor-Starter (3 5/8" Housing Lgth.) — Note —	311	497608	Brush Set	783	693059	Gear-Starter
	499521	Motor-Starter (4 3/8" Housing Lgth.)	503	806000	Strap-Starter	797	92278	Nut (Starter Terminal)
310	94003	Bolt (Starter Motor) (For 3 5/8" Housing Length) — Note —	510	497606	Drive-Starter	801	497626	Cap-Drive
	95035	Bolt (Starter Motor) (For 4 3/8" Housing Length)	513	398003	Clutch-Drive	802	497607	Cap-End
			544	497603	Armature-Starter (3 5/8" Housing Length)	803	497604	Housing-Starter (3 5/8" Housing Length)
			675	225137	Washer (Starter Motor)	1051	263080	Ring-Retaining
			697	94773	Screw (Starter Motor Mounting)	1090	497605	Retainer-Brush
			729	225170	Clip-Wire			

★ Included in Gasket Set—Part Number 494241.

● Included in Carburetor Kit—See Ref. 121.

◆ Included in Carburetor Gasket Set—Part No. 494385.

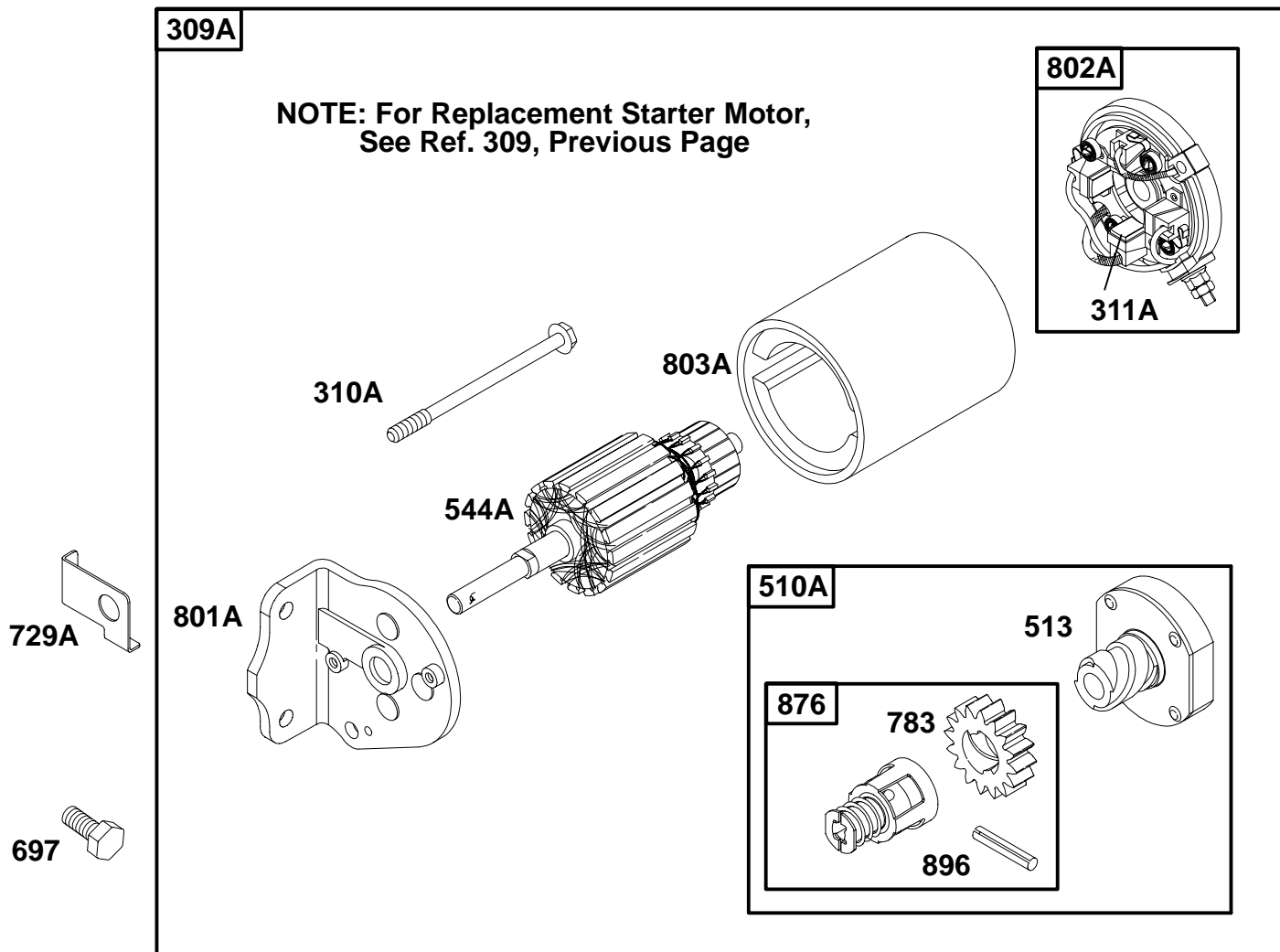
⊘ Included in Valve Overhaul Gasket Set—Part No. 498539.

0154-12

Assemblies include all parts shown in frames.

117

28C700 to 28C799

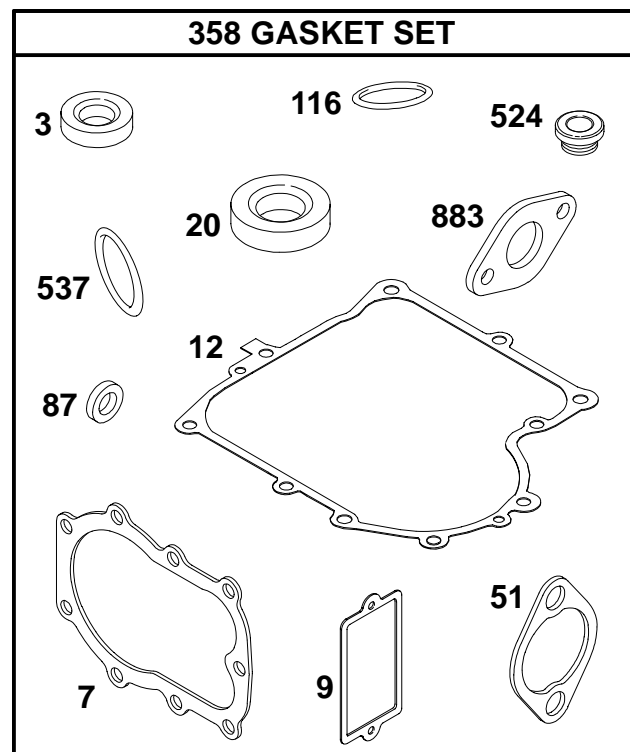
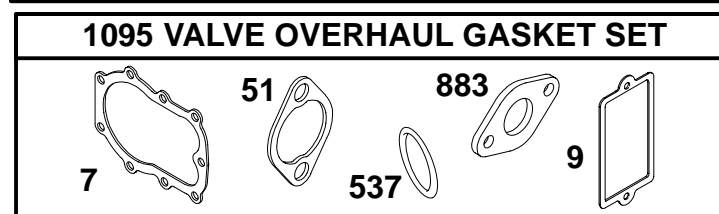
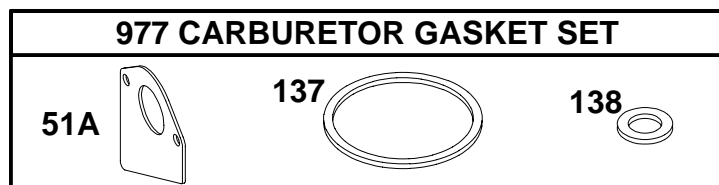
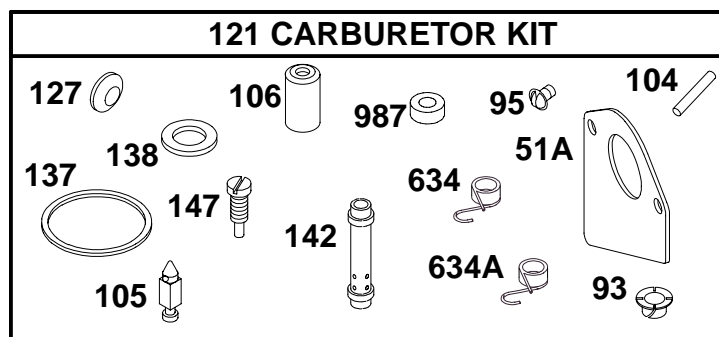


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309A		For Replacement Starter Motor, See Ref 309, Previous Page.	513	398003	Clutch-Drive	802A	395537	Cap-End (For 3 5/8" Housing Length)
310A	94003	Bolt (Starter Motor) (For 3 5/8" Housing Length)	544A	390837	Armature-Starter (For 3 5/8" Housing Length)			Note
		Note			490309		494988	Cap-End (For 4 3/8" Housing Length)
		95035 Bolt (Starter Motor) (For 4 3/8" Housing Length)				803A	398159	Housing-Starter (For 3 5/8" Housing Length)
311A	395538	Brush Set (For 3 5/8" Housing Lengths)	697	94627	Screw (Starter Motor Mounting)			Note
503	806000	Strap-Starter	783	693059	Gear-Starter			494205 Housing-Starter (For 4 3/8" Housing Length)
510A	495878	Drive-Starter	801	394856	Cap-Drive	876	495877	Kit-Gear
						896	94288	Pin-Roll

★ Included in Gasket Set-Part Number 494241.
● Included in Carburetor Kit-See Ref. 121.

◆ Included in Carburetor Gasket Set-Part No. 494385.
⊘ Included in Valve Overhaul Gasket Set-Part No. 498539.

28C700 to 28C799



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	★391086	Seal-Oil	121	499220	Carburetor Kit (Used After Code Date 96072500). (LMT 162)	147	●497472	Jet-Pilot (LMT 97)
7	Ø★271866	Gasket-Cylinder Head			Note	358	494241	Gasket Set
9	Ø★27803	Gasket-Breather			499231 Carburetor Kit (Used After Code Date 96072500). (LMT 97, 133, 166)	524	★281370	Seal-Fill Tube
12	★271916	Gasket-Crankcase (.015" Thick)			497481 Carburetor Kit (Used Before Code Date 96072600). Plug-Welch (Sold in Kit Only)	537	Ø★281106	Gasket-Air Cleaner
		Note				634	●494453	Seal-Spring Assembly (Manual Choke)
		★271997 Gasket-Crankcase (.005" Thick)				634A	●494455	Seal-Spring Assembly (Choke-A-Matic)
		★271996 Gasket-Crankcase (.009" Thick)				883	Ø★272293	Gasket-Exhaust
20	★291675	Seal-Oil	127	●		977	494385	Gasket Set-Carb.
51	Ø★272554	Gasket-Intake				987	●281166	Seal-Throttle Shaft
51A	●★272465	Gasket-Carb. Elbow	137	●★281165	Gasket-Float Bowl	1095	498539	Gasket Set-Valve Overhaul
87	★491323	Seal-Governor Shaft	138	●★281164	Washer			
93	●281346	Bushing-Throttle Shaft	142	●499037	Nozzle-Carburetor (Standard) (LMT 162)			
95	●94098	Screw-Round Head			Note			
104	●231789	Pin-Float Hinge			●499039 Nozzle-Carb. (Standard) (LMT 166)			
105	●231855	Valve-Needle			●497568 Nozzle-Carb. (Standard) (LMT 97)			
106	●231854	Seat-Inlet			●497860 Nozzle-Carb. (Standard) (LMT 133)			
116	★270920	Seal-O-Ring						

★ Included in Gasket Set-Part Number 494241.

● Included in Carburetor Kit-See Ref. 121.

◆ Included in Carburetor Gasket Set-Part No. 494385.

Ø Included in Valve Overhaul Gasket Set-Part No. 498539.