

28A700 to 28A799

Illustrated Parts List

Model Series

28A700 to 28A799

TYPE NUMBERS
0101, 0102, 0112,
0113, 0116, 0117,
0118, 0121, 0122,
0135, 0136, 0604,
0625.

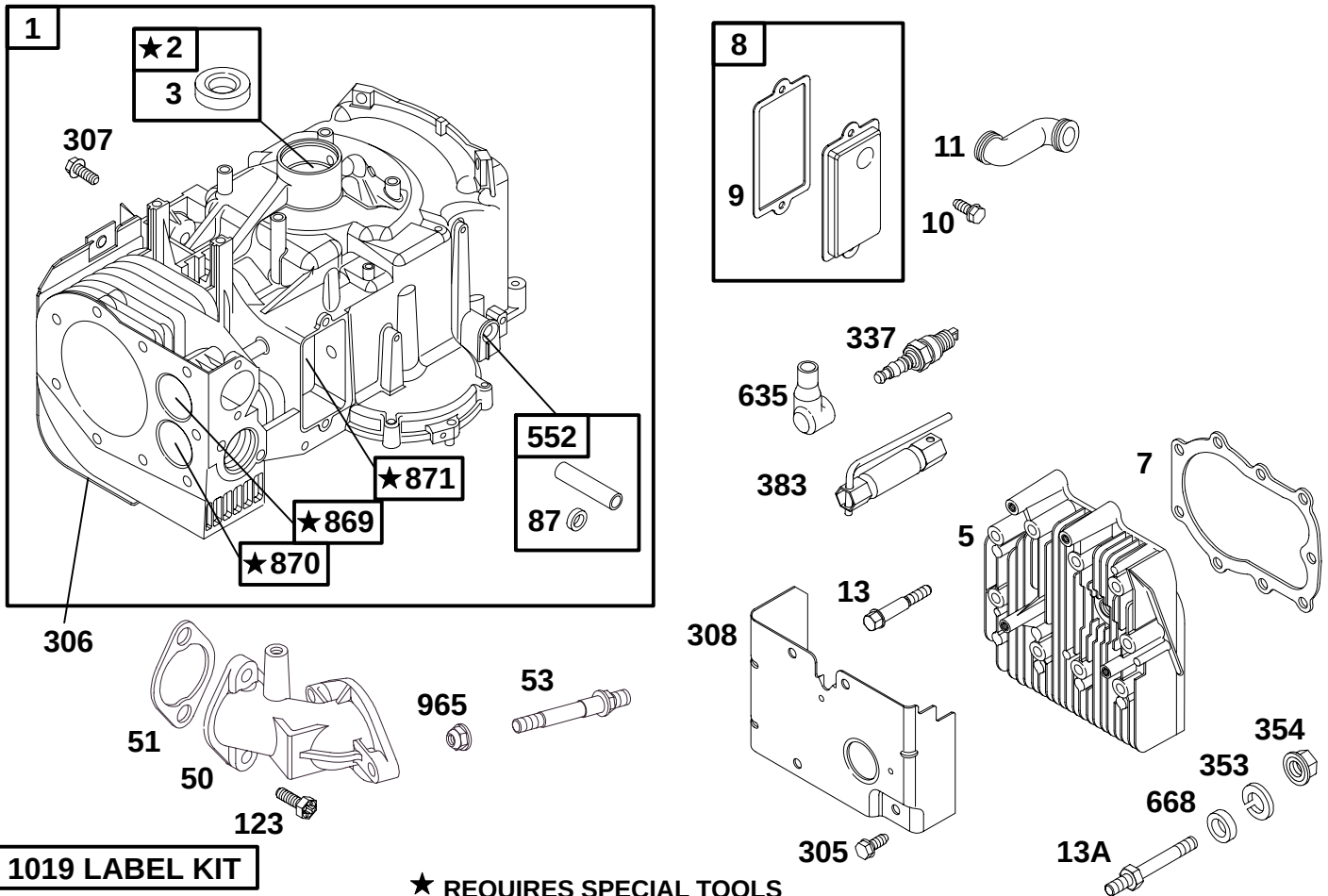
TO FIND THE CORRECT NUMBER OF THE PART YOU NEED: FOLLOW THE INSTRUCTIONS BELOW

- 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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28A700 to 28A799**1019 LABEL KIT****1058 OWNER'S MANUAL**

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

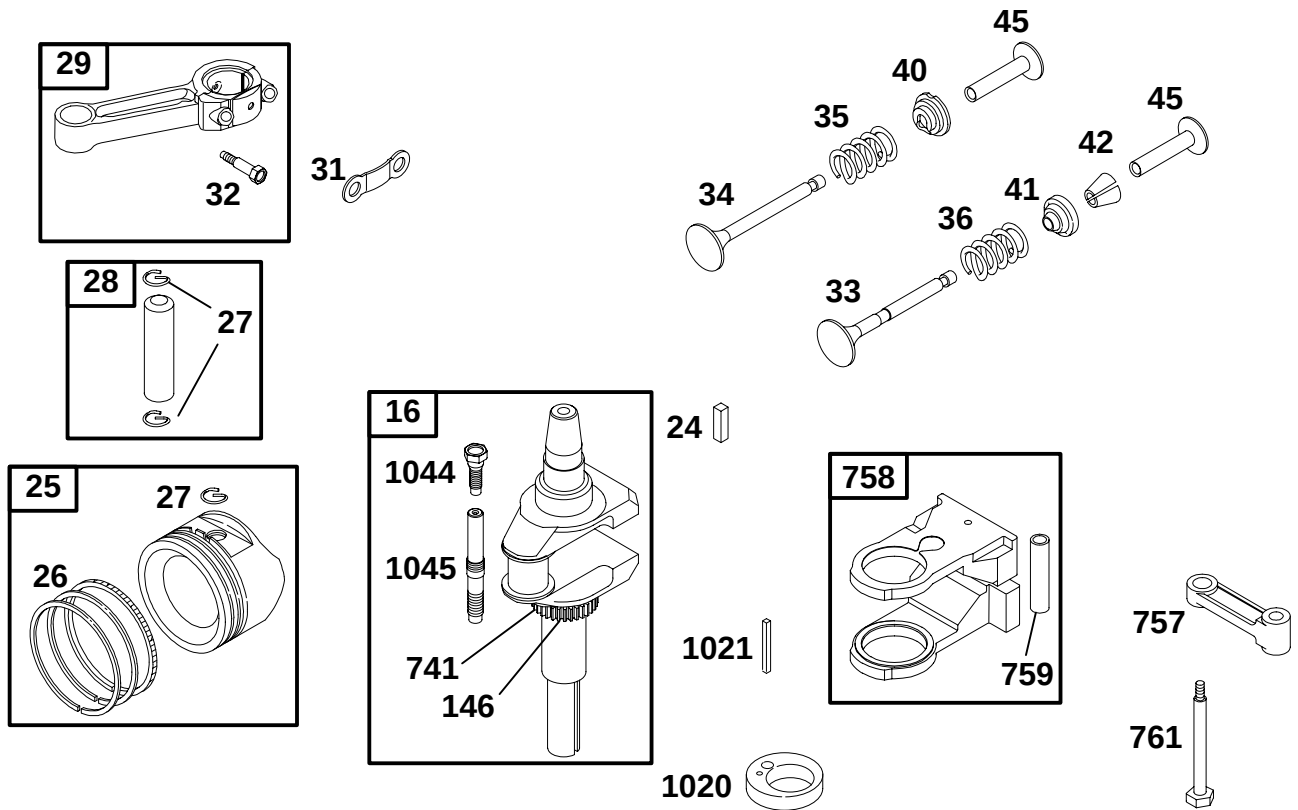
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	496414	Cylinder Assembly	87	★491323	Seal-Governor Shaft	871	261961	Bushing-Guide (Exhaust)
2	399265	Bushing	123	94616	Screw-Torx® Hex.			----- Note -----
3	★391086	Seal-Oil	305	94786	Screw-Hex.			231218 Bushing-Guide (Intake)
5	494240	Head-Cylinder	306	224545	Shield-Cylinder	965	94010	Nut-Hex.
7	Ø★271866	Gasket-Cylinder Head	307	94386	Screw-Hex.	1019	491254	Label Kit
8	495735	Breather Assembly	308	491490	Cover-Cylinder	1058	273131	Owner's Manual Emission Engines
9	Ø★27803	Gasket-Breather	337	802592	Plug-Spark			----- Note -----
10	94621	Screw-Hex.	353	94315	Washer-Lock			272697 Owner's Manual Nonemission Engines
11	280100	Tube-Breather	354	94314	Nut-Hex.			
13	94622	Screw-Hex.	383	89838	Wrench-Spark Plug			
13A	94776	Stud-Hex. Drive Used on Type No(s). 0136.	552	491986	Bushing-Gov. Crank			
50	213819	Manifold-Intake	635	66538	Boot-Spark Plug			
51	Ø★272554	Gasket-Intake	668	231109	Spacer			
53	94637	Stud-Carburetor Mounting	869	261463	Seat-Valve (Intake)			
			870	262924	Seat-Valve (Exhaust)			

★ 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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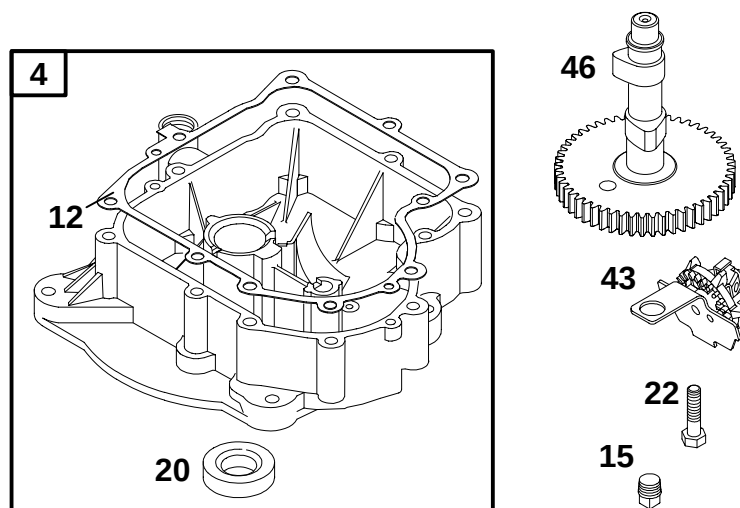
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
16	495162	Crankshaft	27	260924	Lock-Piston Pin	146	94196	Key-Timing
24	222698	Key-Flywheel	28	299691	Pin-Piston (Standard)	741	262932	Gear-Timing
25	391285	Piston Assembly (Standard)			----- Note -----	757	213998	Link-Counterweight
		----- Note -----			391286 Pin-Piston (.005" O.S.)	758	399891	Counterweight
		391287 Piston Assy. (.010" O.S.)	29	490348	Rod-Connecting	759	230787	Pin-Counterweight
		391288 Piston Assy. (.020" O.S.)			----- Note -----	761	94593	Screw-Hex
		391289 Piston Assy. (.030" O.S.)			490469 Rod-Conn. (.020" Undersize)	1020	262243	Eccentric
26	391780	Ring Set (Standard)	31	222299	Lock-Rod Screw	1021	94160	Pin-Groove
		----- Note -----	32	94671	Screw-Connecting Rod.	1044	94673	Screw-Shoulder
		392331 Ring Set (Chrome Std.)	33	262246	Valve-Exhaust	1045	231828	Extension-Crankshaft
		391781 Ring Set (.010" O.S.)	34	262247	Valve-Intake			
		391782 Ring Set (.020" O.S.)	35	65906	Spring-Valve			
		391783 Ring Set (.030" O.S.)	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	43	490815	Governor/Oil Slinger
12	★271916	Gasket-Crankcase (.015" Thick)	20	★291675	Seal-Oil	46	212897	Gear-Cam
		----- Note -----	22	94624	Screw-Hex.			
		★271997 Gasket-Crankcase (.005" Thick)						
		★271996 Gasket-Crankcase (.009" Thick)						

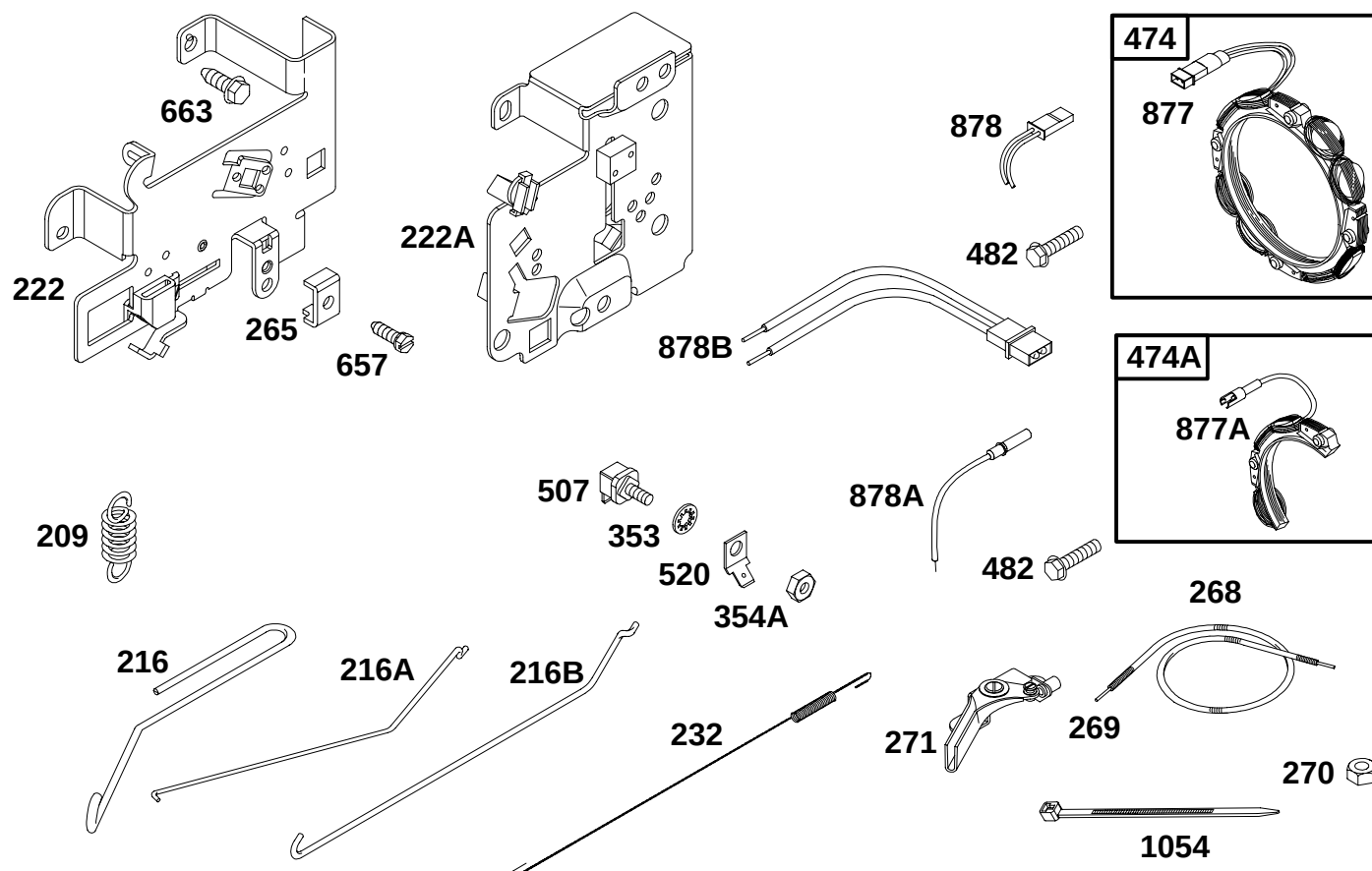
★ Included in Gasket Set-Part Number 494241.
 ● Included in Carburetor Kit-See Ref. 121.

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



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
51A	●♦272465	Gasket—Intake	130	224668	Valve—Throttle			499038 Nozzle—Carb.
93	●281346	Bushing—Thr. Shaft	131	494885	Throttle Shaft Kit			(High Altitude—LMT 162, 165)
94	498030	Valve—Idle Adjustment	133	494381	Float—Carburetor			499040 Nozzle—Carb.
94A	496589	Valve—Idle Adjustment	137	●♦281165	Gasket—Float Bowl			(High Altitude—LMT 166)
95	●94098	Screw—Choke/Throttle	138	●♦281164	Washer			497970 Nozzle—Carb.
98	495800	Screw—Idle Speed	141	495097	Choke Shaft Kit (Manual Choke)			(High Altitude—LMT 97, 100)
104	●231789	Pin—Float Hinge			Choke Shaft Kit (Choke A Matic)			498258 Nozzle—Carb.
105	●231855	Valve—Needle	141A	495931	Nozzle—Carburetor (Standard—LMT 162, 165)			(High Altitude—LMT 63, 66, 100, 108, 111, 133, 136)
106	●231854	Seat—Inlet (Gravity Feed)	142	●499037	----- Note -----			----- Note -----
108	224667	Valve—Choke (Manual Choke)			●499039 Nozzle—Carb. (Standard—LMT 166)	147	●497472	Jet—Pilot (LMT 63, 66, 97, 100)
108A	224666	Valve—Choke (Choke A Matic)			●497568 Nozzle—Carb. (Standard—LMT 97, 100)			231983 Jet—Pilot (LMT 108, 111, 133, 136)
111	262820	Spring—Friction			●496519 Nozzle—Carb. (Standard—LMT 63, 66)	186	493496	Connector—Hose
125	499161	Carburetor (LMT 162, 165, 166)			●497860 Nozzle—Carb. (Standard—LMT 108, 133, 136)	634	●494453	Seal—Spring Assembly
		----- Note -----			●498545 Nozzle—Carb. (Standard—LMT 111)	634A	●494455	Seal—Spring Assembly
		498231 Carburetor (LMT 108, 111) (Used Before Code Date 96072600). Used on Type No(s). 0604.				950	94642	Screw—Bowl Mounting
127	●	Plug—Welch (Sold in Kit Only)				975	495933	Bowl—Float
						987	●281166	Seal—Throttle Shaft
						1091	281364	Cap—Limiter

◆ 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
209	260871	Spring-Governor ----- Note ----- 260695 Spring-Gov. Used on Type No(s). 0117. 261126 Spring-Gov. Used on Type No(s). 0121. 261306 Spring-Gov. Used on Type No(s). 0113, 0116, 0118, 0122, 0625.	222A	494041	Bracket-Control Used on Type No(s). 0136.	474A	391529	Alternator
216	262766	Link-Choke	232	262785	Spring-Link	482	93621	Screw-Hex.
216A	262778	Link-Choke	265	221535	Clamp-Casing	507	398525	Insulator
216B	262767	Link-Choke	268	65616	Casing-Wire (72" Long Cut to Required Length)	520	93722	Terminal
222	495611	Bracket-Control (Choke A Matic®)	269	26633	Wire-Control (78" Long Cut to Required Length)	657	93496	Screw-Slotted Hex.
			270	63426	Locknut-Casing	663	94620	Screw-Hex.
			271	290568	Lever-Control	877	393456	Wire-Alternator (Dual Circuit)
			353	92791	Washer-Lock	877A	393814	Wire-Alternator
			354A	90576	Nut-Hex.	878	393362	Wire-Alternator
			474	393474	Alternator	878A	393422	Harness-Alternator
						878B	399916	Harness-Alternator
						1054	280275	Tie-Cable

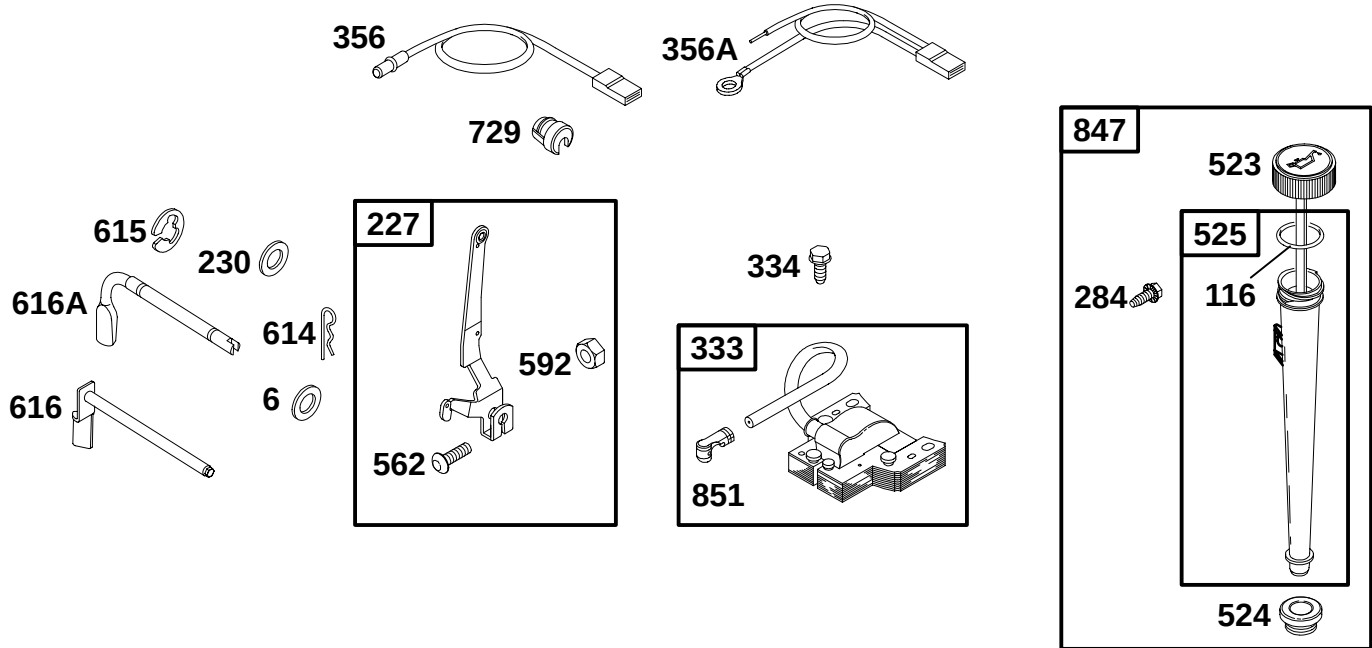
★ Included in Gasket Set-Part Number 494241.

● Included in Carburetor Kit-See Ref. 121.

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

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

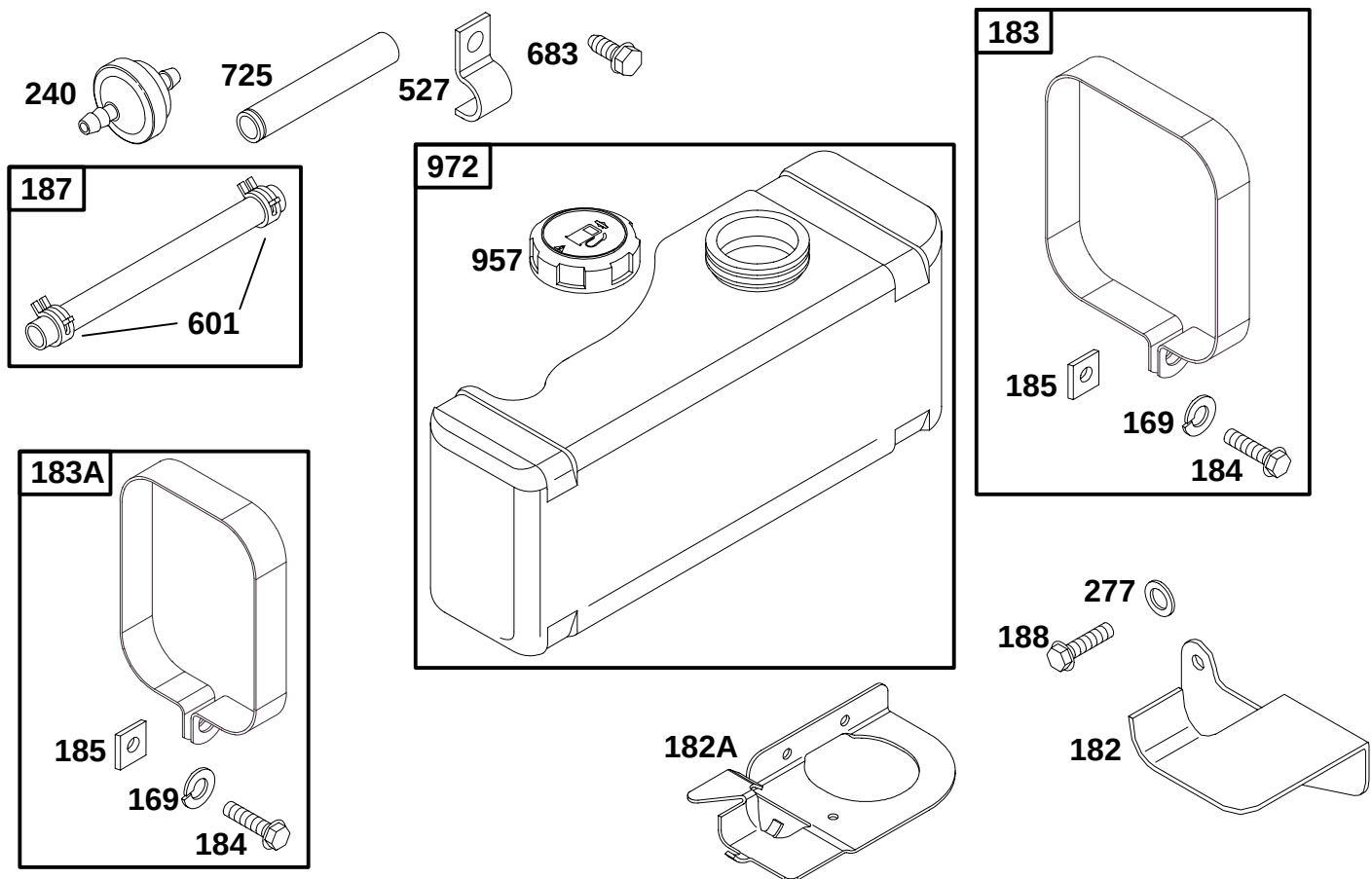
28A700 to 28A799



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
6	94927	Washer	356A	398808	Wire-Stop	615	93307	Retainer
116	★270920	Seal-O-Ring	523	495229	Dipstick	616	495157	Crank-Governor
227	493935	Lever-Governor	524	★281370	Seal-Fill Tube	616A	231058	Crank-Governor
284	94073	Screw-Shoulder	525	496068	Tube-Oil Fill	729	281159	Clip-Wire
333	492341	Armature-Magneto	562	94907	Bolt-Governor Lever	847	496367	Dipstick/Tube Assembly
334	94731	Screw-Hex.	592	231978	Nut-Hex.	851	493880	Terminal-Cable
356	494328	Wire-Stop	614	93306	Pin-Cotter			

★ 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.

28A700 to 28A799

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
169	90832	Washer-Lock	187	299146	Line-Fuel (Cut to Required Length)	277	22963	Washer (Used on Rewind Start Engines)
182	223925	Bracket-Fuel Tank (R.H.)	188	94627	Screw-Hex. (Used on Rewind Start Only Engines)	----- Note -----		
182A	223866	Bracket-Fuel Tank (L.H.)	----- Note -----			22776 Washer (Used on Electric Start Engines)		
183	390406	Strap-Fuel Tank (R.H.)	94480 Screw-Torx® Hex. (Used on Electric Start Engines)			527	221428	Clamp-Tube
183A	496852	Strap-Fuel Tank (L.H.)	240	298090	Filter-Fuel	601	93053	Clamp-Hose
----- Note -----			----- Note -----			683	94602	Screw-Hex.
390405 Strap-Fuel Tank (L.H.) (Used Before Code Date 94010100).			394358 Filter-Fuel Used on Type No(s). 0112, 0135.			725	222175	Shield-Heat
184	94286	Screw-Hex.				957	493988	Cap-Fuel Tank (Plastic)
185	90970	Nut				972	390225	Tank-Fuel (Plastic)

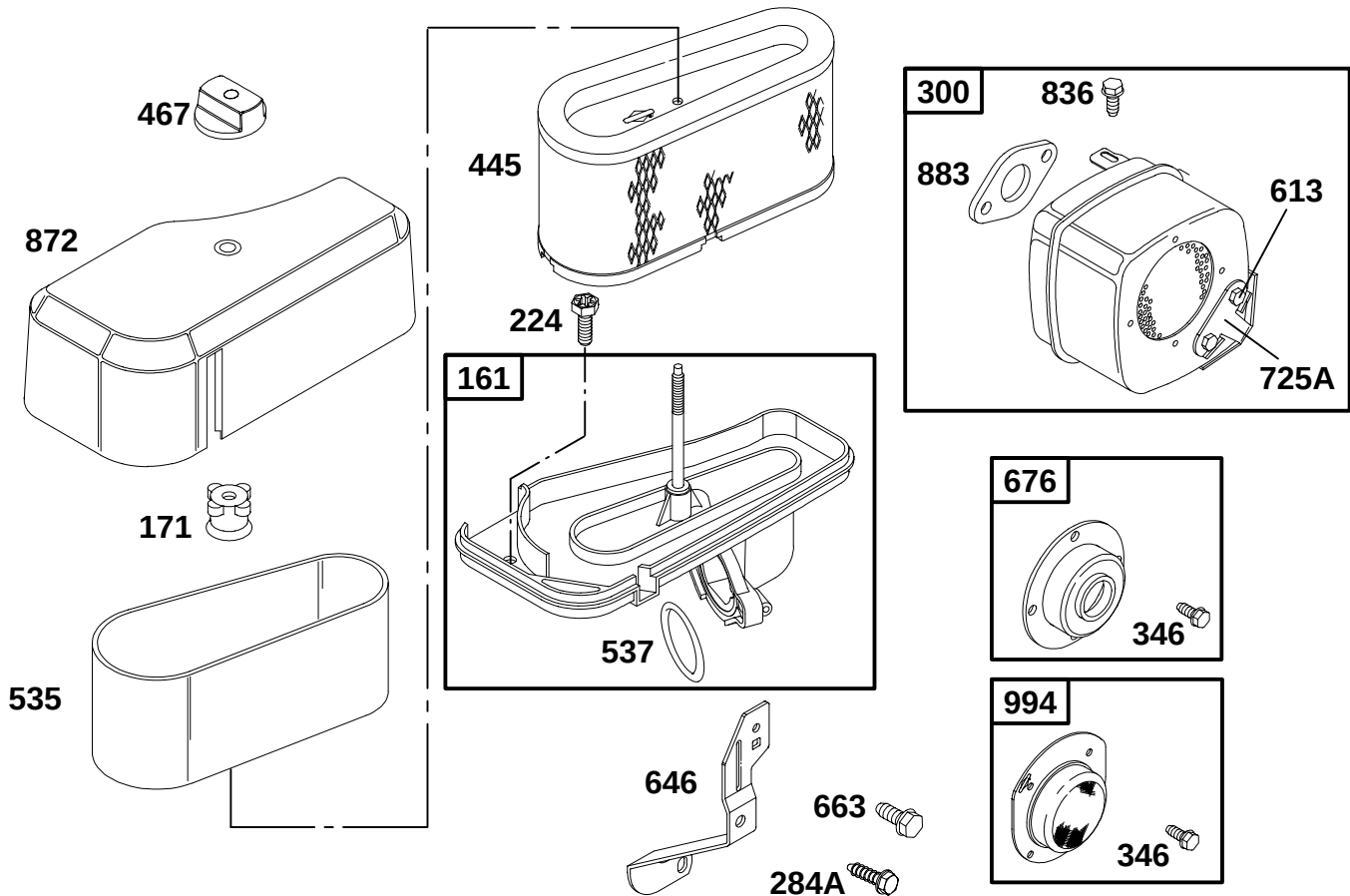
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● Included in Carburetor Kit-See Ref. 121.

◆ 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
161	496368	Base—Air Cleaner	467	493903	Knob	676	396903	Deflector—Muffler
171	281051	Nut	535	272477	Filter—Air	725A	223023	Shield—Heat
224	94729	Screw—Torx®Hex.	537	Ø★281106	Gasket—Air Cleaner	836	94513	Screw—Hex.
284A	94704	Screw—Hex.	613	93927	Screw—Shoulder	872	281105	Cover—Air Cleaner
300	491413	Muffler—Exhaust	646	224546	Brace	883	Ø★272293	Gasket—Exhaust
346	93705	Screw—Hex	663	94620	Screw—Hex.	994	392390	Arrester—Spark
445	493910	Filter—Air						

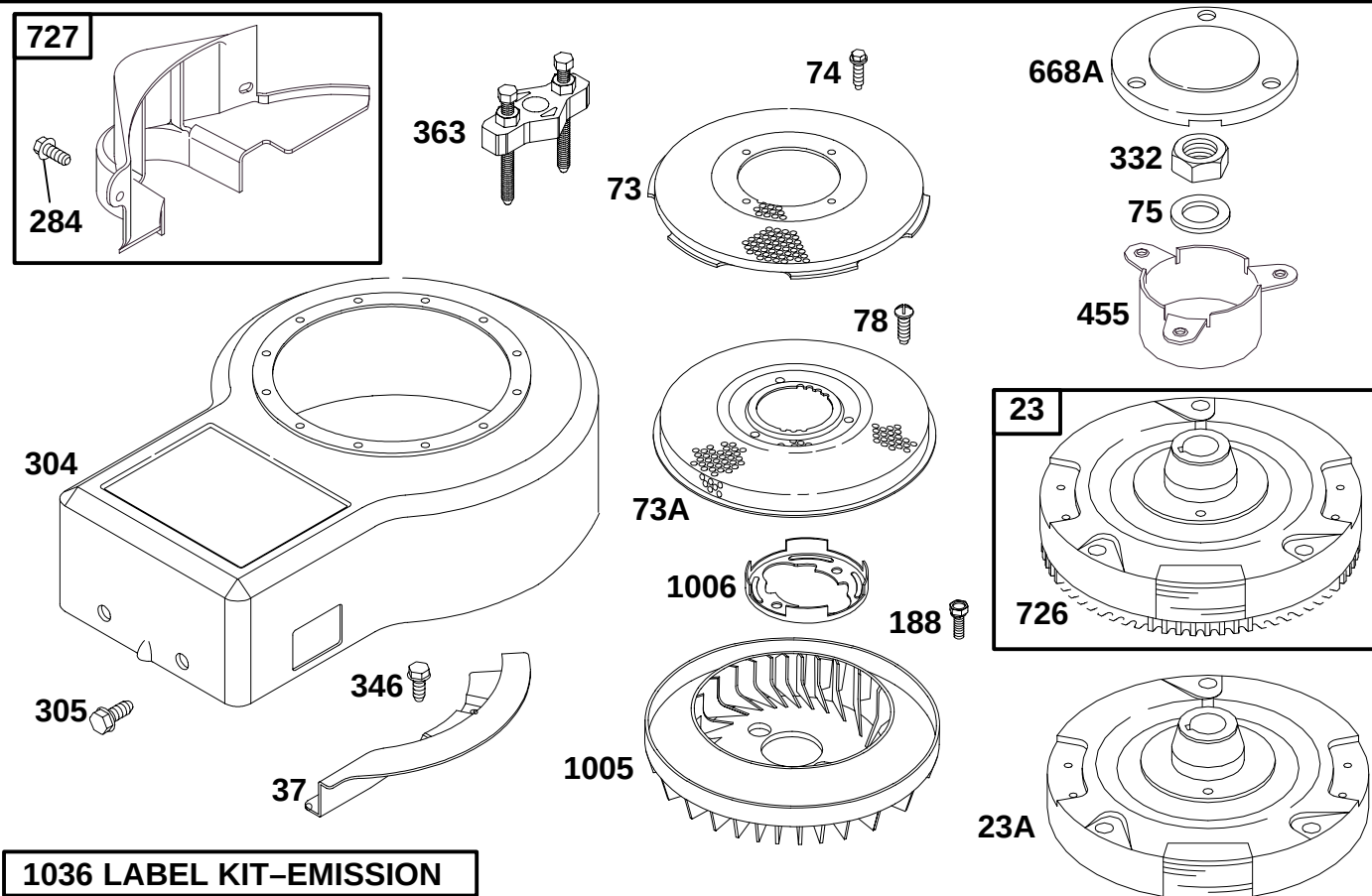
★ Included in Gasket Set—Part Number 494241.

● 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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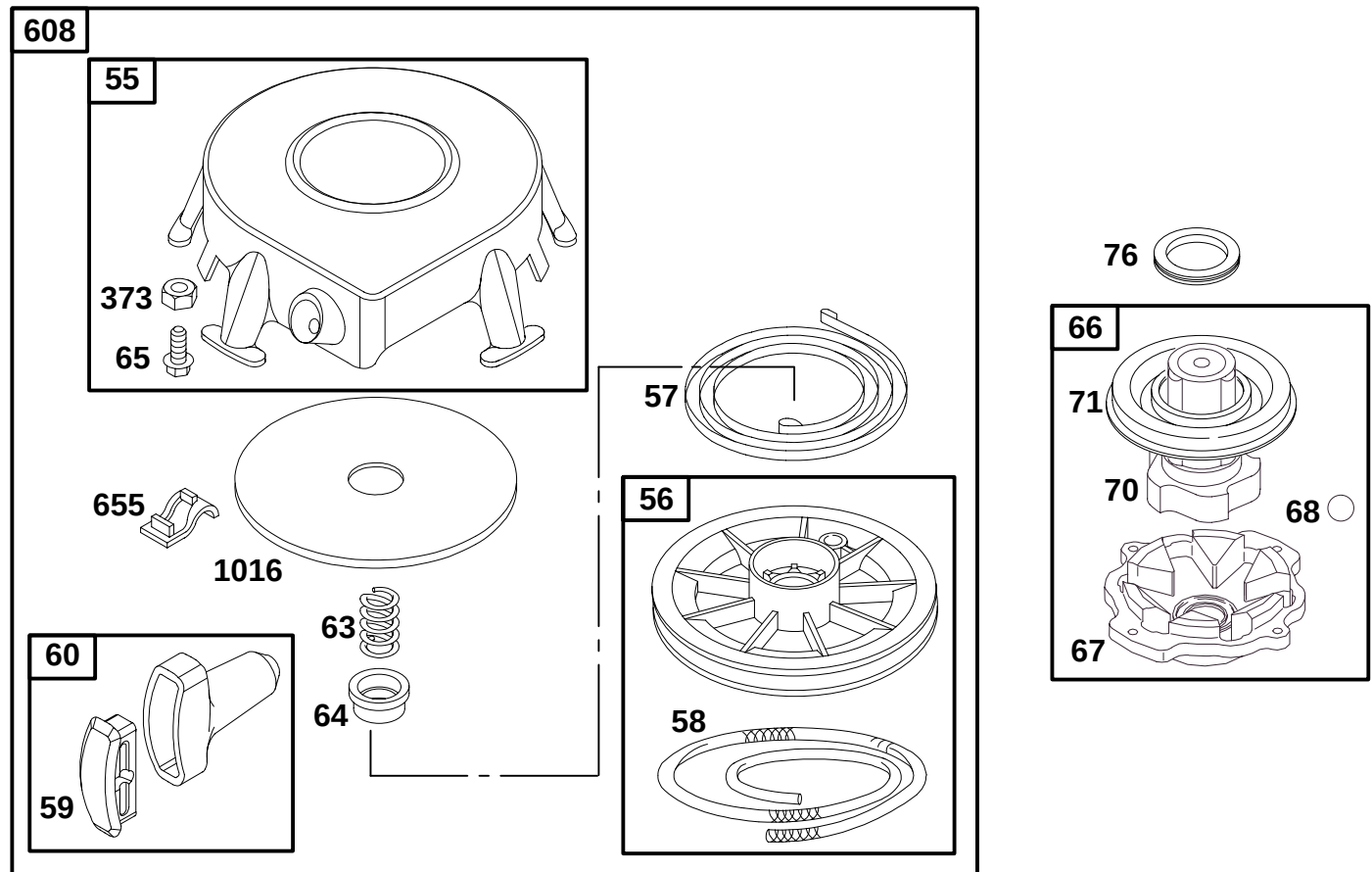
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
23	492326	Flywheel	74	93758	Screw-Hex.	363	19203	Flywheel Puller
23A	492135	Flywheel (For Rewind Starter Engines).	75	224061	Washer-Flywheel	455	222561	Cup-Flywheel
			78	94626	Screw-Phillips	668A	280848	Spacer
37	224502	Guard-Flywheel	188	94627	Screw-Hex.	726	392134	Gear-Ring
		----- Note -----	284	94073	Screw-Shoulder	727	490324	Cover-Starter Drive
		494674 Guard-Flywheel	304	496319	Housing-Blower (Black)	1005	280687	Fan-Flywheel
		Used on Type No(s). 0102.	305	94786	Screw-Hex.	1006	224413	Retainer-Fan
73	224518	Screen-Rotating	332	92284	Nut-Flywheel	1036	499361	Label Kit-Emission
73A	224517	Screen-Rotating	346	93705	Screw-Hex. Used on Type No(s). 0102.			Used on Type No(s). 0604, 0625.

★ 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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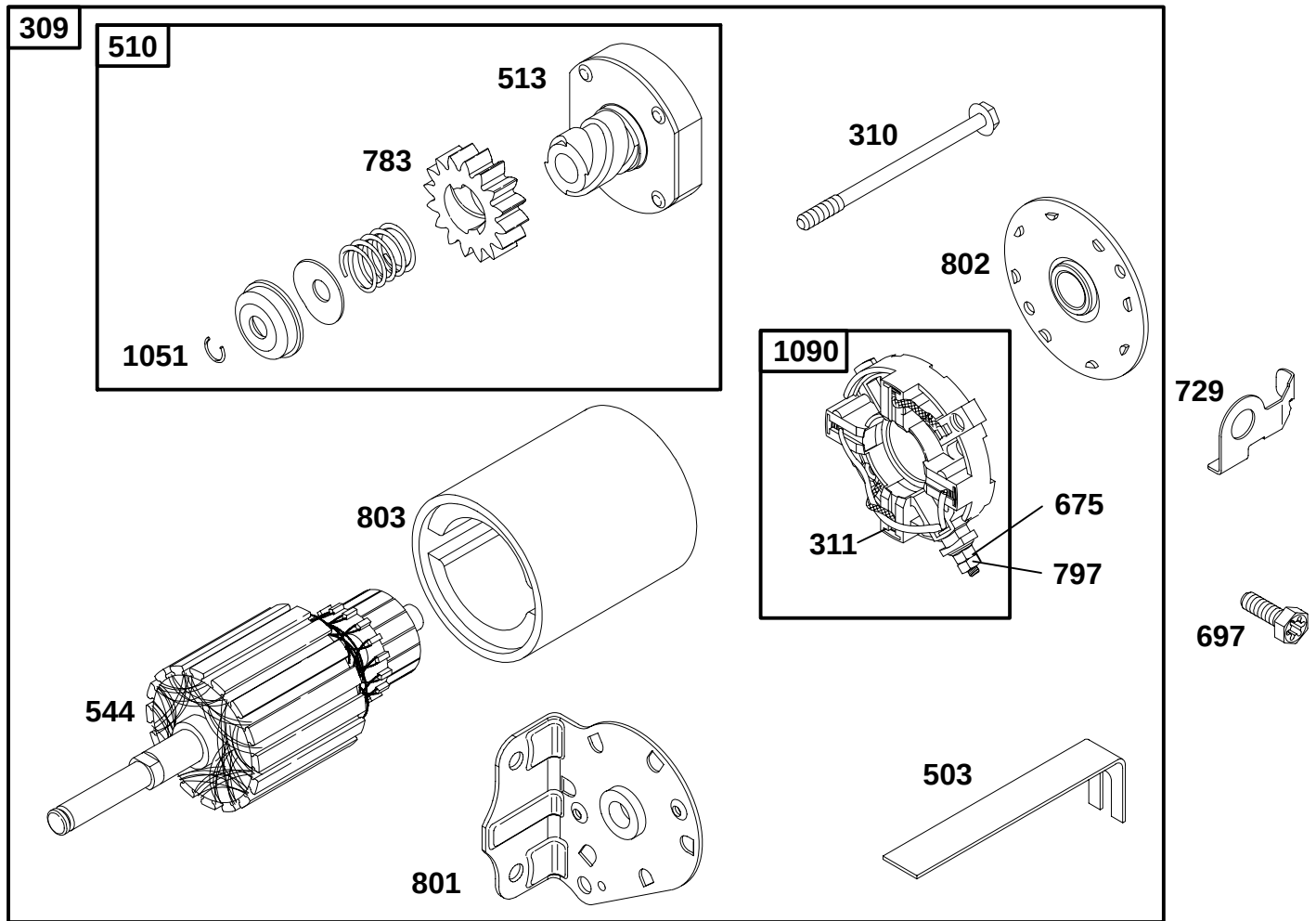
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
55	393576	Housing–Rewind Starter (Includes 63" Rope)	60	490652	Grip–Starter Rope	70	298799	Ratchet–Clutch
56	295871	Pulley–Starter	63	260414	Spring–Ratchet	71	394506	Cover–Ratchet
57	490179	Spring–Rewind Starter	64	281204	Adapter–Spring	76	68238	Seal
58	66884	Rope–Starter (63" Long)	65	94128	Screw–Hex.	373	92987	Nut–Hex.
59	490653	Insert–Grip	66	495970	Clutch–Starter	608	390391	Starter–Rewind
			67	394897	Housing–Clutch	655	222598	Anchor–Spring
			68	63770	Ball–Clutch	1016	490817	Spacer–Rewind

★ Included in Gasket Set–Part Number 494241.

● Included in Carburetor Kit–See Ref. 121.

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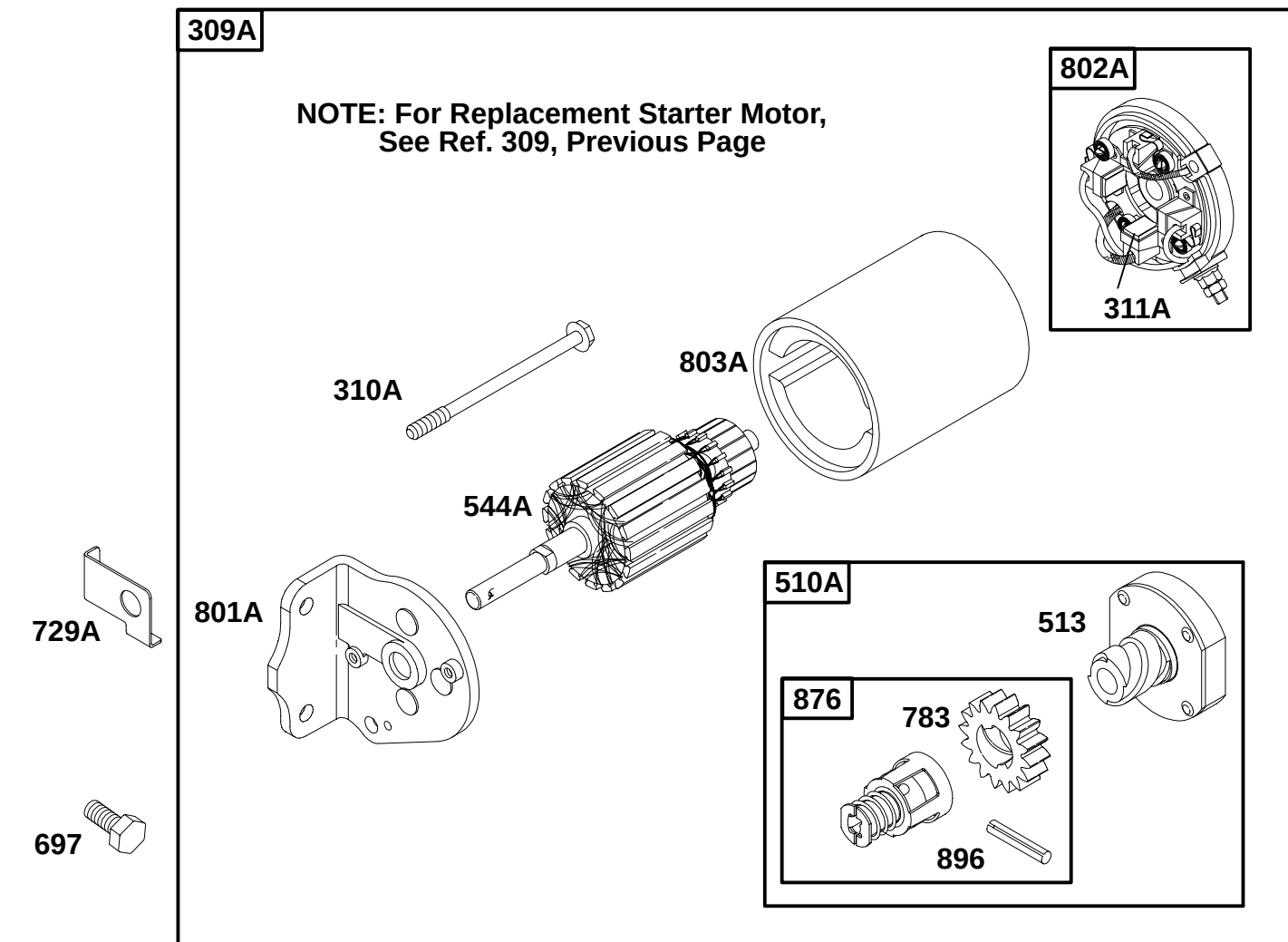
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309	693054	Motor-Starter (3 5/8" Housing Lgth.) ----- Note ----- 499521 Motor-Starter (4 3/8" Housing Lgth.)	311	497608	Brush Set	783	693059	Gear-Starter
310	94003	Bolt (Starter Motor) (For 3 5/8" Housing Length) ----- Note ----- 95035 Bolt (Starter Motor) (For 4 3/8" Housing Length)	503	806000	Strap-Starter	797	92278	Nut (Starter Terminal)
			510	497606	Drive-Starter	801	497626	Cap-Drive
			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			

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● 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
513	398003	Clutch-Drive	783	693059	Gear-Starter			Length)
544A	390837	Armature-Starter (For 3 5/8" Housing Length)	801	394856	Cap-Drive	803A	398159	Housing-Starter (For 3 5/8" Housing Length)
		----- Note -----						----- Note -----
		490309 Armature-Starter (For 4 3/8" Housing Length)	802A	395537	Cap-End (For 3 5/8" Housing Length)			494205 Housing-Starter (For 4 3/8" Housing Length)
697	94627	Screw (Starter Motor Mounting)			----- Note -----	876	495877	Kit-Gear
					494988 Cap-End (For 4 3/8" Housing Length)	896	94288	Pin-Roll

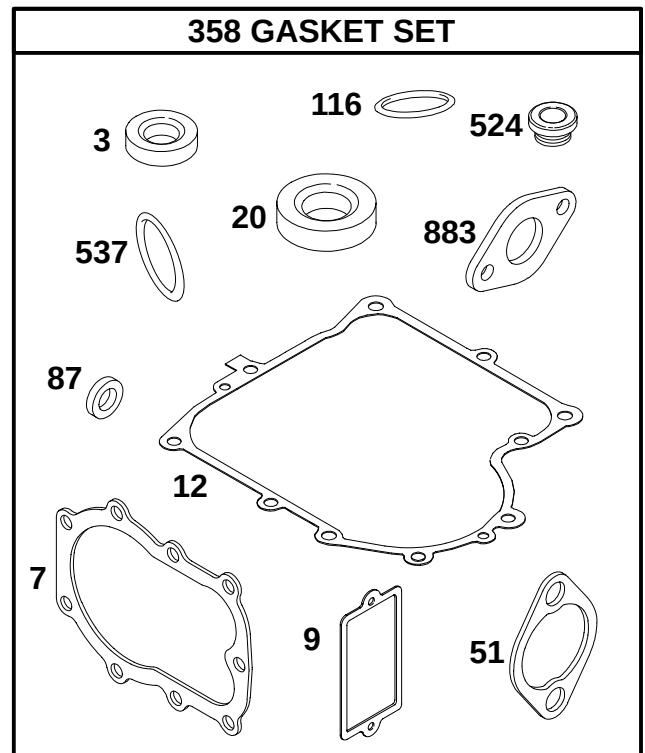
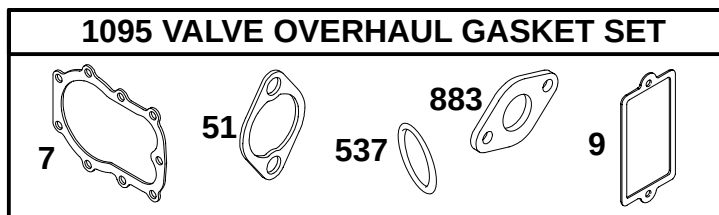
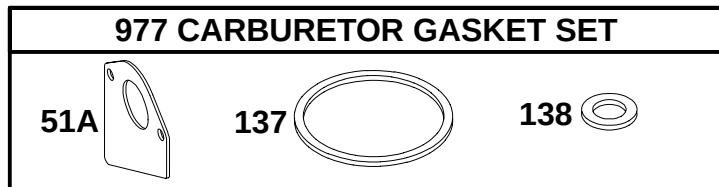
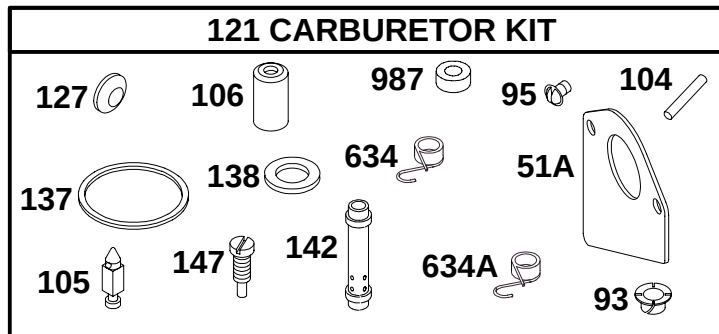
★ Included in Gasket Set-Part Number 494241.

● Included in Carburetor Kit-See Ref. 121.

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

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
3	★391086	Seal—Oil	121	499220	Carburetor Kit (LMT 162, 165)	147	●497472	Jet—Pilot (LMT 63, 66, 97, 100)
7	Ø★271866	Gasket—Cylinder Head			----- Note -----	358	494241	Gasket Set
9	Ø★27803	Gasket—Breather			499231 Carburetor Kit (LMT 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)	127	●		634A	●494455	Seal—Spring Assembly (Choke A Matic)
		★271996 Gasket—Crankcase (.009" Thick)	137	●★281165	Gasket—Float Bowl	883	Ø★272293	Gasket—Exhaust
20	★291675	Seal—Oil	138	●★281164	Washer	977	494385	Gasket Set—Carb.
51	Ø★272554	Gasket—Intake	142	●499037	Nozzle—Carburetor (Standard—LMT 162, 165)	987	●281166	Seal—Throttle Shaft
51A	●★272465	Gasket—Intake			----- Note -----	1095	498539	Gasket Set—Valve Overhaul
87	★491323	Seal—Governor Shaft			●499039 Nozzle—Carb. (Standard—LMT 166)			
93	●281346	Bushing—Throttle Shaft			●497568 Nozzle—Carb. (Standard—LMT 97, 100)			
95	●94098	Screw—Choke/Throttle			●496519 Nozzle—Carb. (Standard—LMT 63, 66)			
104	●231789	Pin—Float Hinge			●497860 Nozzle—Carb. (Standard—LMT 108, 133, 136)			
105	●231855	Valve—Needle			●498545 Nozzle—Carb. (Standard—LMT 111)			
106	●231854	Seat—Inlet						
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.