FORM MS-8696-6/98 REPLACES FORM MS-8696-10/97 FILE IN SECT. 2 OF SERVICE MANUAL

#### 255400 to 255499

# Illustrated Parts List Model Series 255400 to 255499

TYPE NUMBERS 0027, 0031, 0117, 0118, 0130, 0131, 0133 through 0137.

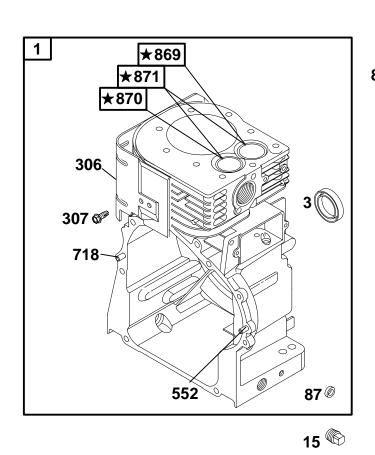
# TO FIND THE CORRECT NUMBER OF THE PART YOU NEED: FOLLOW THE INSTRUCTIONS BELOW

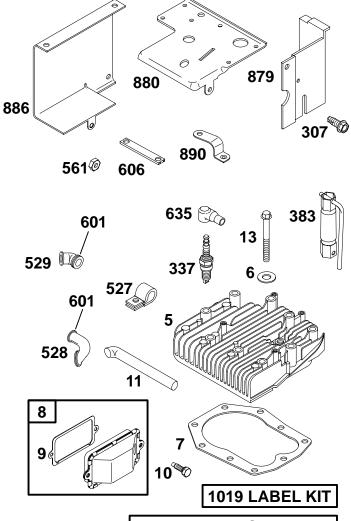
- A. Refer to Engine Model, Type and Code Number that is stamped on the blower housing of engine. Engine type numbers such as 0123 01 are listed only as 0123 in most instances. The two digits (01 or 02, etc.) to the right of the space may be required for more accurate parts identification in some instances. 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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# ★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

1058 OWNER'S MANUAL
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1 3	399121 *391086	Cylinder Assembly Seal–Oil	337	492167	Plug–Spark ——— Note ———	869	261463	Seat-Valve (Intake)
5 6		Head-Cylinder Washer-Flat			<b>298809</b> Plug-Spark <b>802592</b> Plug-Spark	870	262924	Seat–Valve (Exhaust)
7 9 9	392294	Gasket–Cylinder Head Breather Assembly Gasket–Breather	383 527	89838 223131		871	261961	Bushing–Guide (Exhaust) ——— Note ———
10 11 13	231105	Screw–Hex. Tube–Breather Screw–Hex.	528 529		Tube Grommet–Cover Grommet–Cover			231218 Bushing- Guide (Intake)
15 87	94239 *491323	Plug-Oil Drain Seal-Governor Shaft	552 561	491893 92278	Bushing-Gov. Crank Nut-Hex.	879 880	222613	Cover–Assy. Side Hood–Engine
306 307		Shield-Cylinder Screw-Hex.	601 606 635	222697	Clamp-Hose Strap-Bracket Boot-Spark Plug	886 890 1019	222935	Cover–Cylinder Bracket–Support Label Kit
			718		Pin-Locating	1058	271034	Owner's Manual Nonemission Engines

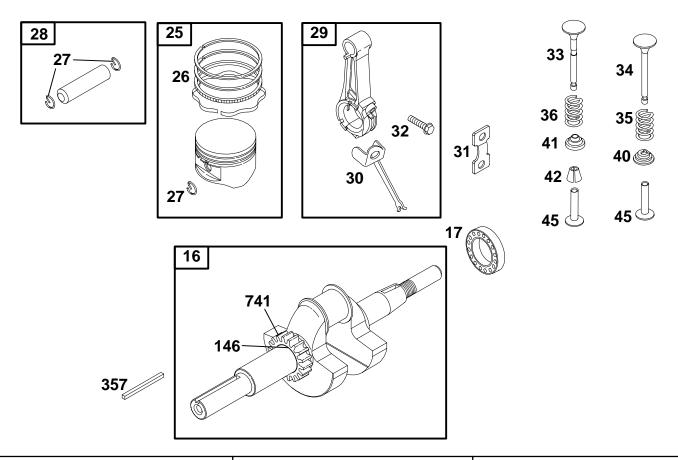
<sup>★</sup> Included in Gasket Set-Part No. 492653.

8696-2

Assemblies include all parts shown in frames.

<sup>•</sup> Included in Carburetor Kit-Part No. 394989.

Ø Included in Valve Overhaul Gasket Set-Part No. 498537.



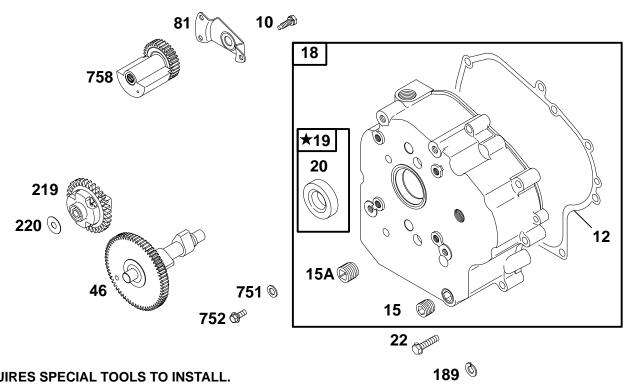
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
16	399726	Crankshaft Note 491644 Crankshaft Used on Type No(s). 0134.	26	391780	Ring Set (Standard) — Note — 392331 Ring Set (Chrome Standard)	29 30	490348 222329	Rod-Connecting Note 490469 Rod-Conn (.020" Undersize) Dipper-Connecting
17 25	291667 394661	Bearing–Ball Piston Assembly (Standard) ——— Note ——— 394662 Piston Assy.			<b>391781</b> Ring Set (.010" O.S.) <b>391782</b> Ring Set (.020" O.S.) <b>391783</b> Ring Set	31 32 33	95017	Rod Lock–Rod Screw Screw–Connecting Rod Valve–Exhaust
		(.010" O.S.) <b>394663</b> Piston Assy. (.020" O.S.) <b>394664</b> Piston Assy. (.030" O.S.)	27 28	260924 299691	(.030" O.S.) Lock-Piston Pin Pin-Piston (Standard) — Note — 391286 Pin-Piston (.005" O.S.)	34 35 36 40 41 42 45 146 357	261462 65906 26828 221596 292260 494553 262248 94196 91540	Valve—Intake Spring—Valve Spring—Valve Retainer—Valve Retainer—Valve Keeper—Valve Tappet—Valve Key—Timing Key—Drive Pulley
						741	262932	Gear–Timing

8696-3

Assemblies include all parts shown in frames. 3

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.

 $<sup>\</sup>varnothing$  Included in Valve Overhaul Gasket Set–Part No. 498537.



#### \* REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

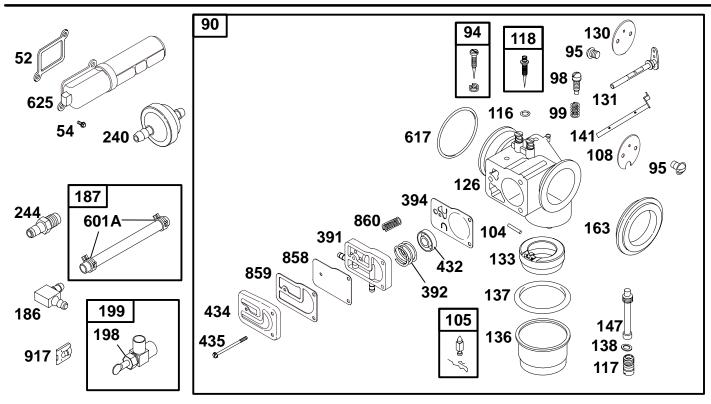
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
10 12		Screw-Hex. Gasket-Crankcase (.015" Thick) — Note — *272219 Gasket- Crankcase	18 19 20 22	399264 *291675	Cover–Crankcase Bushing/Seal Kit Seal–Oil Screw–Hex.  Note 93764 Screw–Hex.	189 219		Washer–Lock Gear–Governor — Note — 391737 Gear–Gov. (Used Before Code Date 91061000).
15 15A		(.005" Thick) *272220 Gasket- Crankcase (.009" Thick) Plug-Oil Drain Plug-Oil Drain (For Ren Hole)	46 81		(2 1/8" Long) Gear–Cam Retainer– Counterweight	220 751 752 758	22355 93554	Washer–Thrust Washer–Seal Plug Counterweight

8696-4

Assemblies include all parts shown in frames.

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.

 $<sup>\</sup>varnothing$  Included in Valve Overhaul Gasket Set–Part No. 498537.



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
52 54 90 94 95 98 99 104 105 116 117 118 126 130	93812 392690 393541 93499 93860 260575 •231435 •394681 222010 •280203 231101 •393542 393543	Gasket-Intake Screw-Phillips Carburetor Valve-Idle Adjust Screw-Choke/Throttle Screw-Slotted Hex. Spring-Friction Pin-Float Hinge Kit-Needle Seat Valve-Choke Seal-O-Ring Screw-Bowl Mounting Valve-Needle Body-Carb Assy Valve-Throttle	131 133 136 137 138 141 147 163 186 187	299707 221995 •270511 222014 392280 •231323 •280199 67218 393815 293934 297563	Shaft-Throttle Float-Carb Bowl-Float Gasket-Float Bowl Washer Shaft-Choke Nozzle-Carb Gasket-Air Cleaner Connector-Hose Pipe-Fuel (Cut to Required Length) Screw-Shut-Off Valve-Shut-Off Filter-Fuel	244 391 392 394 432 434 435 601A 617 625 858 859 860 917	280162 •261395 272638 •221377 223688 93829 95162 •270920 392285 •270989 •271025 •261358	Connector-Hose Body-Pump Spring-Pump Diaphram-Pump Cap-Spring Cover-Diaphram Screw-Slotted Hex. Clamp-Hose Seal-O-Ring Manifold-Intake Diaphram-Pump Gasket-Fuel Pump Spring-Diaphram Handle-Shutoff Valve

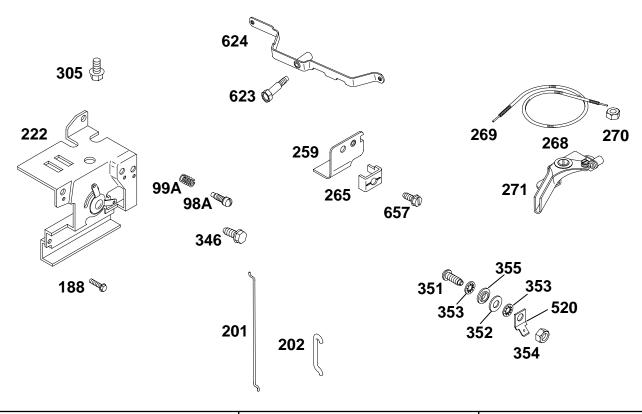
<sup>★</sup> Included in Gasket Set-Part No. 492653.

8696-5

Assemblies include all parts shown in frames.

Included in Carburetor Kit-Part No. 394989.

Ø Included in Valve Overhaul Gasket Set-Part No. 498537.



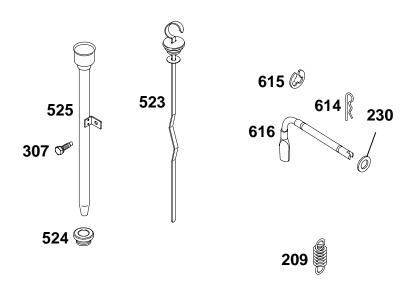
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
	NO. 91920 26157 94627 261338 261339 392291 222611 221535	Screw-Slotted Spring-Friction Screw-Hex. Link-Mech. Gov. Link-Throttle Bracket-Control Bracket-Casing Clamp Clamp-Casing Casing-Wire (72" Long, Cut to Required Length)		NO. 26633 63426 290568 94786 94896 93735 66068 92791 90576	Wire-Control (Cut to Required Length) Locknut-Casing Lever-Control Screw-Hex. Screw-Hex. Screw-Slotted Washer-Fiber Washer-Lock Nut-Hex. Washer-Fiber		NO. 93722 231520 392292	Terminal-Ground Screw-Shoulder (Used After Code Date 8712300).  Note 93838 Screw- Shoulder (Used Before Code Date 88010100). Lever-Linkage Screw-Slotted Hex.

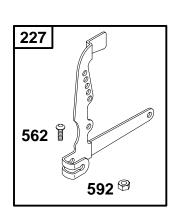
8696-6

Assemblies include all parts shown in frames.

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.

 $<sup>\</sup>varnothing$  Included in Valve Overhaul Gasket Set–Part No. 498537.



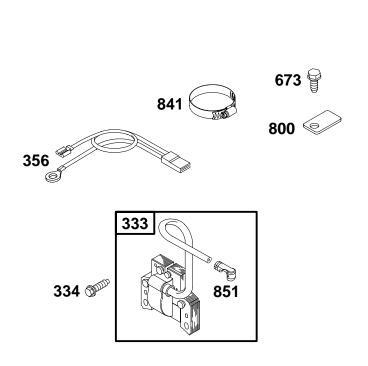


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
209		Spring–Governor  Note  261126 Spring–Gov. (Governed Idle)	230 307 523 524	94930 490665	Washer–Flat Screw–Hex. Dipstick Seal–Fill Tube	562 592 614 615	231082 93306 93307	Bolt–Governor Lever Nut–Hex. Pin–Cotter Retainer E–Ring
227	392707	Lever-Governor	525		Tube-Oil Fill	616		Crank-Governor

8696-7

Assemblies include all parts shown in frames. 7

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.



DUAL CIRCUIT	TRI-CIRCUIT
SEE FLYWHEEL ASSEMBLY	SEE FLYWHEEL ASSEMBLY
474	474A
	877A
877	on O
878	814

#### NOTE: ALL STATORS USE NO. 482 MOUNTING SCREW.



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
333 334 356 474 474A	94731 491391 393474	Armature–Magneto Screw–Hex. Wire–Stop Alternator Alternator	482 673 800 814 841	94896 222095	Screw–Hex. Screw–Hex. Retainer Harness–Alternator Clamp	851 877 877 878 1054	393456 393537 393362	Terminal–Cable Wire–Alternator Wire–Alternator Harness–Alternator Tie–Cable

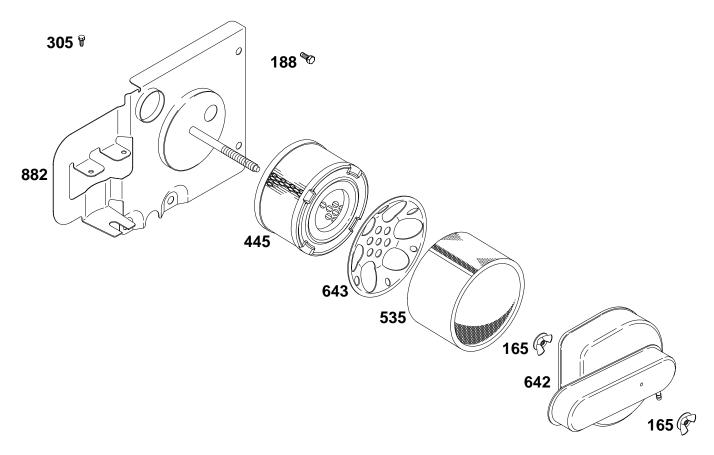
<sup>★</sup> Included in Gasket Set-Part No. 492653.

 $\varnothing$  Included in Valve Overhaul Gasket Set–Part No. 498537.

8696-8

Assemblies include all parts shown in frames.

Included in Carburetor Kit-Part No. 394989.

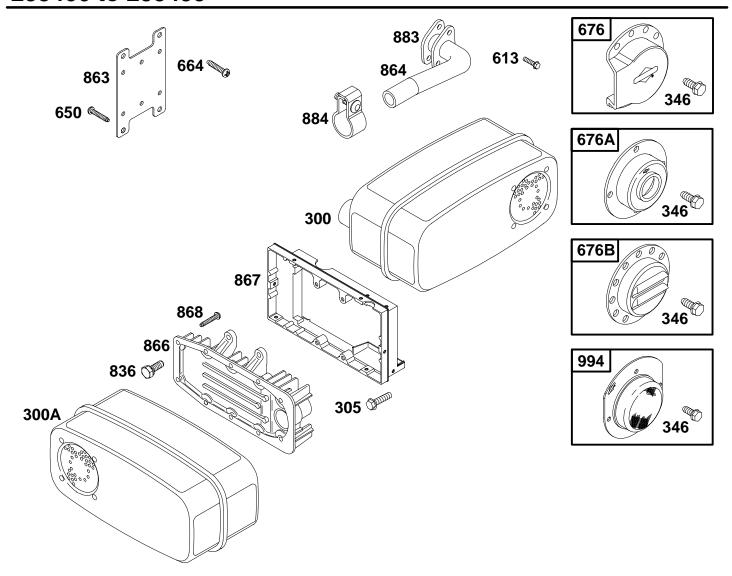


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
165 188 305	94289 94627	DESCRIPTION  Nut-Wing Screw-Sem Screw-Hex.	REF. NO. 445 535 642	NO. 392286 270973	DESCRIPTION  Filter–A/C Cartridg Filter–Pre Cleaner Cover–Air Cleaner	REF. NO. 643 882	NO. 222680	DESCRIPTION  Retainer–Air Filter Retainer–Air Filter

8696-9

Assemblies include all parts shown in frames. 9

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.



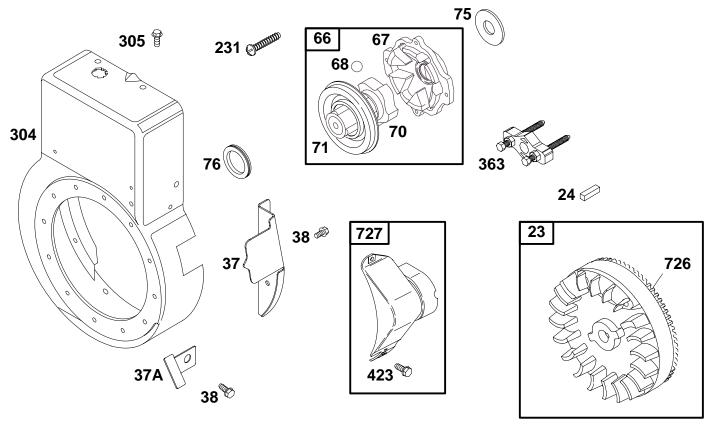
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
300 300A 305 346 346A 613 650	393465 94786 94896 93587 93840	Muffler-Exhaust Muffler-Exhaust Screw-Hex. Screw-Hex. Screw-Hex. Screw-Hex. Screw-Socket Screw-Hex.	664 676 676A 676B 836 863 864	393761 396903 397630 93587 222692	Deflector-Muffler	866 867 868 883 884 994	212235 93343 ∅*272293 392649	Body-Muffler Frame-Shroud Screw-Hex. Gasket-Exhaust Clamp Arrester-Spark

8696-10

Assemblies include all parts shown in frames. 10

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.

 $<sup>\</sup>varnothing$  Included in Valve Overhaul Gasket Set–Part No. 498537.

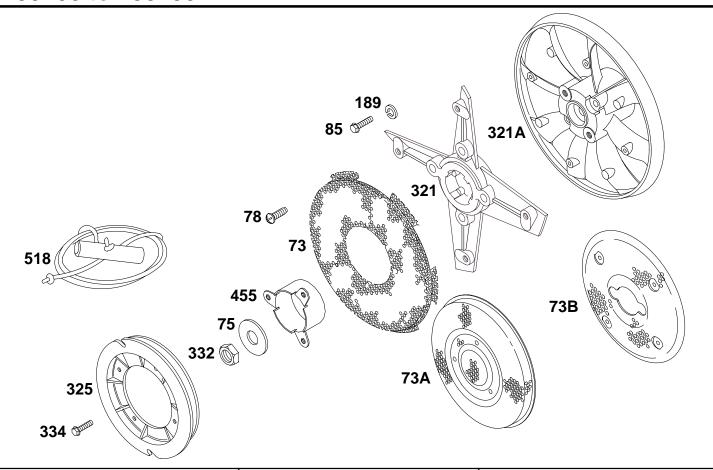


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
23 24 37 37A 38 66 67 68 70 71	222698 224886 221968 94811 399671 394897 63770 298799	Flywheel Key-Flywheel Guard-Flywheel Guard-Flywheel Screw-Slotted Hex. Clutch-Starter Housing-Clutch Ball-Clutch Ratchet-Clutch Cover-Ratchet	75 76 231 304	68238 93920		305 363 423 726 727	19203 94073 392134	Screw-Hex. Flywheel Puller Screw-Shoulder Gear-Ring (Includes Mounting Parts) Cover-Starter Drive

8696-11

Assemblies include all parts shown in frames. 11

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.



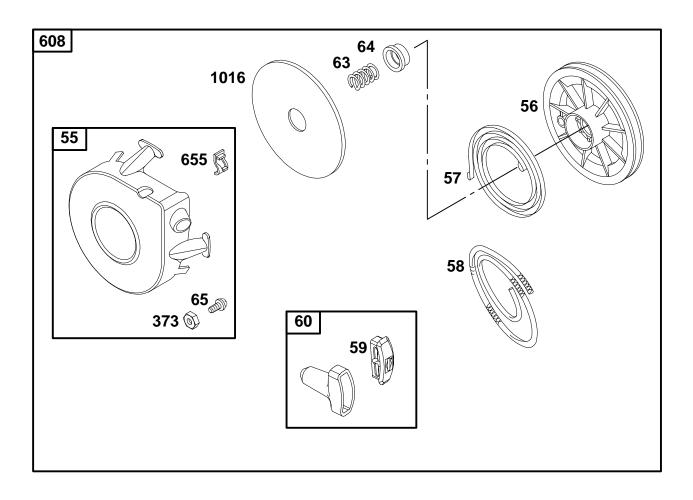
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
73 73A 73B	224517	Screen–Rotating Screen–Rotating ————————————————————————————————————	75 78 85	94626	Washer–Flywheel Screw–Phillips Screw–Hex.  Note 92674 Screw–Hex. Used on Type No(s). 0130.	189 321 321A 325 332 334 455 518	212159 212418 280457 92284 94731 222561	Washer–Lock Fan–Booster Fan–Booster Pulley–Starter Nut–Flwheel Screw–Hex. Cup–Flywheel Rope–Starter

 $\varnothing$  Included in Valve Overhaul Gasket Set–Part No. 498537.

8696-12

Assemblies include all parts shown in frames. 12

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.

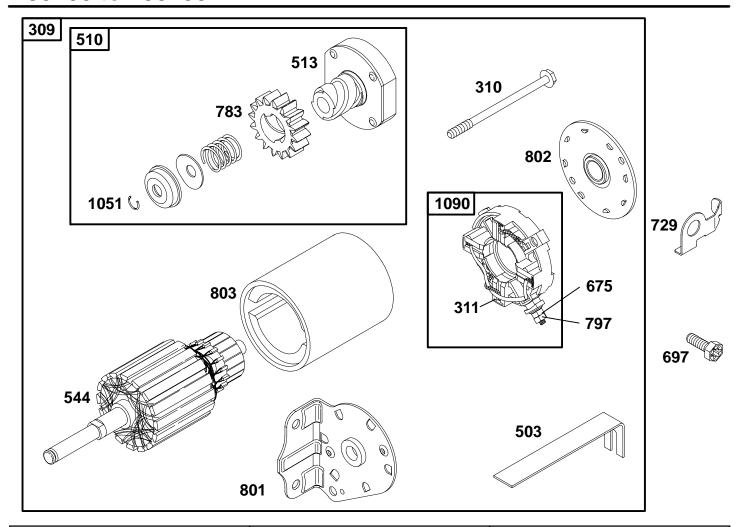


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
55	393576	Housing–Rewind Starter	58	66894	Rope-Starter (99" Long)	65 373		Screw-Hex. Nut-Hex.
56	295871		59 60	490653 490652	` •	608 655	390391	Starter–Rewind Anchor–Spring
57	490179	Spring–Rewind Starter	63 64	260414	Spring–Ratchet Adapter–Spring	1016		Spacer–Rewind
					3			

8696-13

Assemblies include all parts shown in frames. 13

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.



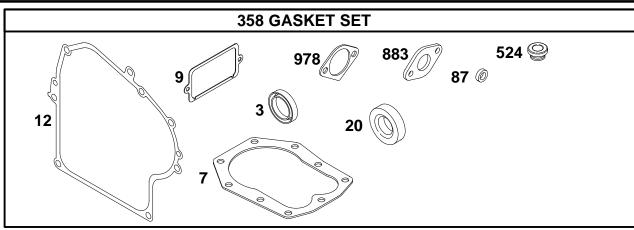
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309 310 311 503 510	95035 497608	Motor–Starter Screw–Hex. Brush Set Strap–Starter Drive–Starter	675 697 729 783 797	94773 225170	Gear-Starter	801 802 803		Cap-Drive Cap-End Housing-Starter (Replace Starter Motor)
513 544	398003	Clutch-Drive Armature-Starter (Replace Starter Motor)			(Starter Terminal)	1051 1090	263080 497605	Ring_Retaining Retainer_Brush

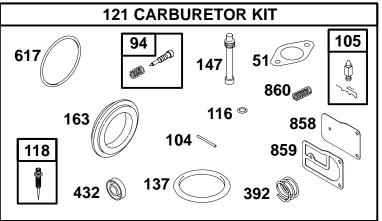
 $\varnothing$  Included in Valve Overhaul Gasket Set–Part No. 498537.

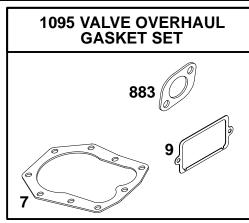
8696-14

Assemblies include all parts shown in frames. 14

<sup>★</sup> Included in Gasket Set–Part No. 492653.
◆ Included in Carburetor Kit–Part No. 394989.







REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3 7 9 12	Ø <b>★27803</b>	Seal–Oil Gasket–Cylinder Head Gasket–Breather Gasket–Crankcase (.015" Thick) — Note — *272219 Gasket– Crankcase (.005" Thick) *272220 Gasket– Crankcase (.009" Thick)	20 87 94 104 105 116 118 121 137 147 163	•393541 •231435 •394681 •280203 •393542 393544 •270511 •231323	Seal-Oil Seal-Governor Shaft Valve-Idle Adjust Pin-Float Hinge Kit-Needle Seat Seal-O-Ring Valve-Needle Carburetor Kit Gasket-Float Bowl Nozzle-Carb. Gasket-Air Cleaner		●261395 ●221377 ★281370 ●270920 ●270989 ●271025 ●261358 Ø★272293 ★271736	Gasket Set Spring—Pump Cap—Spring Seal—Fill Tube Seal—O—Ring Diaphram Gasket—Fuel Pump Spring—Diaphram Gasket—Exhaust Gasket Gasket Overhaul

<sup>★</sup> Included in Gasket Set-Part No. 492653.

Ø Included in Valve Overhaul Gasket Set-Part No. 498537.

8696-15

Assemblies include all parts shown in frames. 15

Included in Carburetor Kit-Part No. 394989.