FORM MS-1005-6/99 REPLACES FORM MS-1005-12/98 FILE IN SECT. 2 OF SERVICE MANUAL

93200 to 93299

Illustrated Parts List Model Series 93200 to 93299

TYPE NUMBERS 0030, 0040, 0042, 0050, 0104, 0109, 0540.

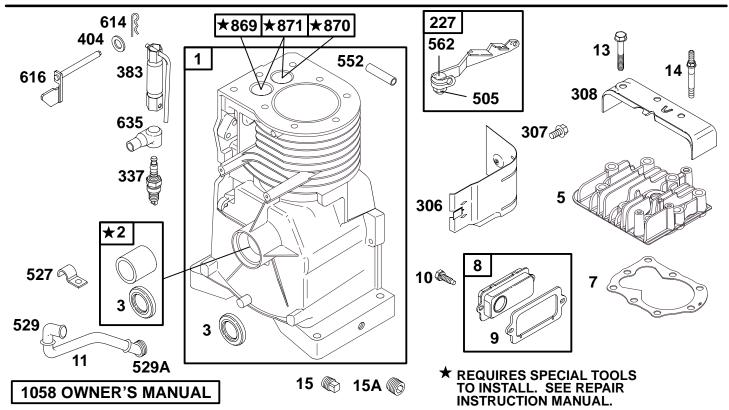
TO FIND THE CORRECT NUMBER OF THE PART YOU NEED: FOLLOW THE INSTRUCTIONS BELOW

- 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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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1 2		Cylinder Assembly Bushing/Seal Kit (Magneto Side)	15A	691682	Oil Drain Plug Used on Type No(s). 0040, 0042, 0540.	529 529A 552	★692187	Grommet Grommet Governor Crank
3 5		` '	227 306		Governor Control Lever Cylinder Shield	562	690306	Bushing Bolt (Governor Control
_	★∅692288 495774	Cylinder Head Gasket Breather Assembly Breather Gasket	307 308	691627	-	614 616	691620	Lever) Cotter Pin Governor Crank
10	691666	Screw (Breather Assembly)	337		Spark Plug Note	635 869	66538	Spark Plug Boot Valve Seat
11	691697	(Cylinder Head)	383		-1	870		(Intake) Valve Seat (Exhaust)
14	690361	Stud (Cylinder Head) Used on Type No(s). 0030.	404 505	691691 231082	Washer (Governor Crank) Nut (Governor Control	871	262001	Guide Bushing (Exhaust Valve) ——— Note ——— 63709 Guide Bushing
15	691686	Oil Drain Plug	527	691741	Lever) Tube Clamp	1058	272643	(Intake Valve) Owner's Manual

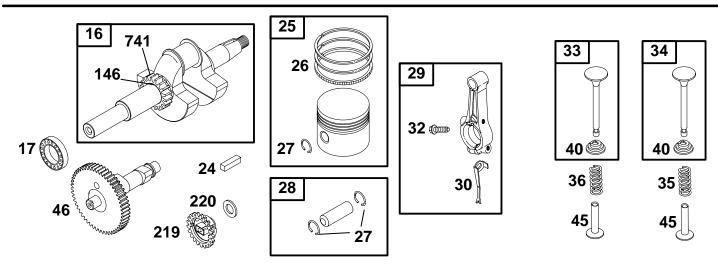
[★] Included in Engine Gasket Set-Ref. No. 358.

1005-2

Assemblies include all parts shown in frames.

[•] Included in Carburetor Overhaul Kit-Ref. No. 121.

Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.

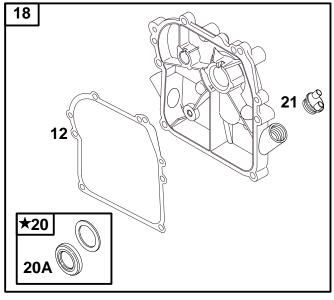


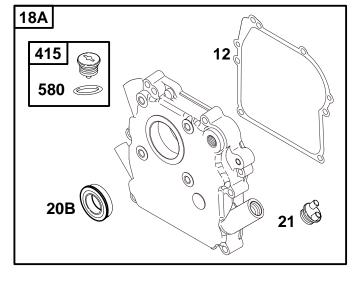
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
	NO. 399006 690824 222698	Crankshaft Note 492880 Crankshaft Used on Type No(s). 0050. 692145 Crankshaft Used on Type No(s). 0540. Ball Bearing Used on Type No(s). 0040, 0042, 0540. Flywheel Key Piston Assembly (Standard) (Used After Code Date 96012800). Note		NO.	498671 Piston Assy. (.030" O.S.) (Used After Code Date 96012800). 298907 Piston Assy. (.030" O.S.) (Used Before Code Date 96012900). Ring Set (Standard) (Used After Code Date 96012800). Note 298982 Ring Set (Standard) (Used Before Code		NO. 691588 298909	498683 Ring Set (.030" O.S.) (Used After Code Date 96012800). 298985 Ring Set (.030" O.S.) (Used Before Code Date 96012900). Piston Pin Lock Piston Pin (Standard) 298908 Piston Pin (.005" O.S.) Connecting Rod (Standard) 296079 Connecting
		298904 Piston Assy. (Standard) (Used Before Code Date 96012900). 498669 Piston Assy. (.010" O.S.) (Used After Code Date 96012800). 298905 Piston Assy. (.010" O.S.) (Used Before Code Date 96012900). 498670 Piston Assy. (.020" O.S.) (Used After Code Date 96012800). 298906 Piston Assy. (.020" O.S.) (Used Before Code Date 96012900).			Date 96012900). 498681 Ring Set (.010" O.S.) (Used After Code Date 96012800). 298983 Ring Set (.010" O.S.) (Used Before Code Date 96012900). 498682 Ring Set (.020" O.S.) (Used After Code Date 96012800). 298984 Ring Set (.020" O.S.) (Used Before Code Date 96012900).	30 32 33 34 35 36 40 45 46 146 219 220 741	691664 296676 296677 690520 690520 692194 691762 691998 230978 496786 691724	Rod (.020" Undersize) Connecting Rod Dipper Screw (Connecting Rod) Exhaust Valve Intake Valve Valve Spring (Intake) Valve Spring (Exhaust) Valve Retainer Valve Tappet Camshaft Timing Key Governor Gear Washer (Governor Gear) Timing Gear

1005-3

<sup>Included in Engine Gasket Set–Ref. No. 358.
Included in Carburetor Overhaul Kit–Ref. No. 121.</sup>

Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.





★19 20A

22

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

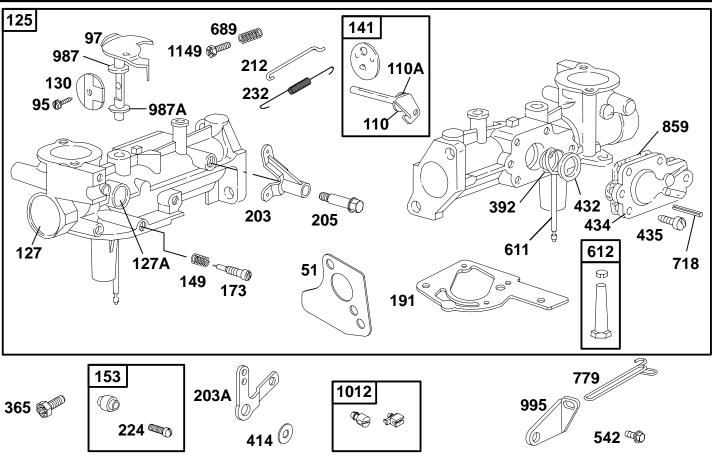
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
12		Crankcase Gasket (.015" Thick, Std.) *270895 Crankcase Gasket (.005" Thick) *270896 Crankcase Gasket (.009" Thick)	19 20 20A 20B	691356 *299819 692020	(PTO Side) Oil Seal (PTO Side)	22	691662	(Crankcase Cover) Note 691127 Screw (Crankcase Cover) (Used in Positions #1 and 6) Used on Type No(s).
18	496903	Crankcase Cover (Plain Bearing)	21	281658	Oil Fill Cap			0030, 0050, 0104, 0109.
18A	497502	Crankcase Cover (Ball Bearing) Used on Type No(s). 0040, 0042, 0540.				415 580	691363 691876	Plug O-Ring Seal (Oil Fill Cap)

Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.

1005-4

Assemblies include all parts shown in frames.

<sup>Included in Engine Gasket Set–Ref. No. 358.
Included in Carburetor Overhaul Kit–Ref. No. 121.</sup>



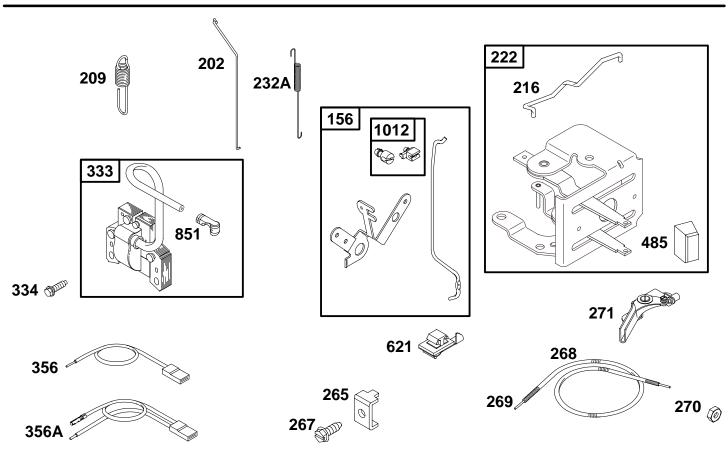
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
51* 95 97 110 110A 125 127 127A 130 141 149 153 173	691437 692325 691869 690401 498202 691718 691742 691743 497230 •691592 490589	(Throttle Valve) Throttle Shaft Washer (Choke Shaft)	191 203 203A 205 212 224 232 365 392 414 432 434	691906 691744 691776 692897 690320 692898 690953 691823 691721	(Bell Crank) Throttle Link Screw (Collar/Screw Kit) Governor Link Spring Screw (Carburetor) Pump Diaphragm Spring	435 542 611 612 689 718 779 859 987 987A 995 1012 1149	391813 691783 690296 691828 •272538 692279 692001 691756	(Diaphragm Cover) Screw (Link Bracket) Fuel Pipe Pick-Up Tube Friction Spring Locating Pin Bell Crank Link Pump Diaphragm Throttle Shaft Seal Throttle Shaft Seal Link Bracket Link Retainer

1005-5

Assemblies include all parts shown in frames.

<sup>Included in Engine Gasket Set–Ref. No. 358.
Included in Carburetor Overhaul Kit–Ref. No. 121.</sup>

Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.



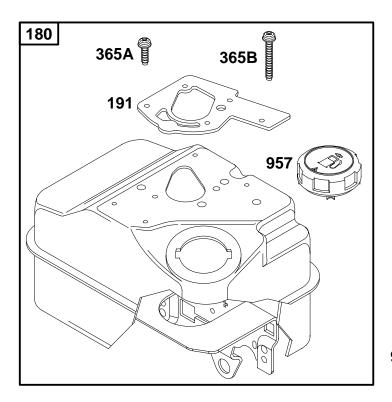
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
156 202	692892	Speed Adjuster Lever Mechanical Governor Link	232A 265 267			271 333 334		
209	263127	Governor Spring Note 692899 Governor Spring	268		(Casing Clamp) Control Wire Casing (Cut to Required Length)	356 356A		(Magneto Armature) Stop Wire Stop Wire Used on Type No(s).
040	004004	Used on Type No(s). 0040, 0042, 0109, 0540.	269	691026	Control Wire (Cut to Required Length)	485 621	692310	0030, 0050. Control Knob Stop Switch
216 222		Choke Link Control Bracket	270	691027	Nut (Control Wire Casing)	851 1012		Spark Plug Terminal Link Retainer

1005-6

Assemblies include all parts shown in frames. 6

<sup>Included in Engine Gasket Set–Ref. No. 358.
Included in Carburetor Overhaul Kit–Ref. No. 121.</sup>

Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.



190

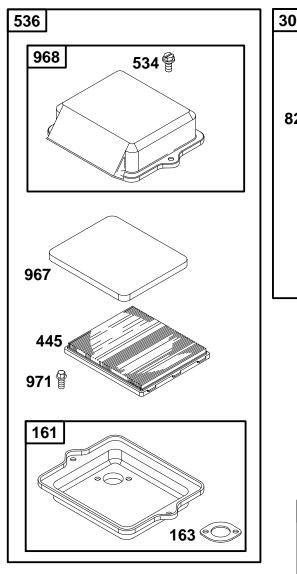
REF NO.	. PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
180		Fuel Tank (Metal)	365A	692200	(Carburetor)	916 957		Governor Gear Rack Fuel Tank Cap
190		(Fuel Tank)	365B	691687				(Plastic)
191	★● 092241	Fuel Tank Gasket			(Carburetor) (1 3/4" Long)			

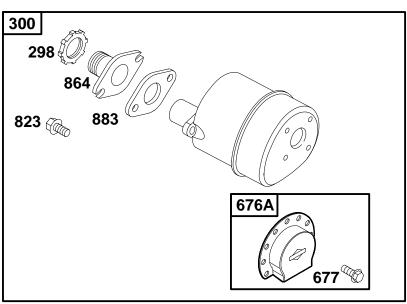
Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.

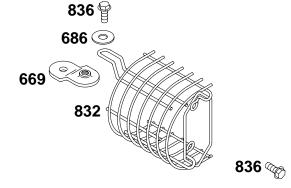
1005-7

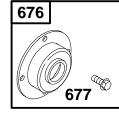
Assemblies include all parts shown in frames. 7

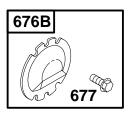
<sup>Included in Engine Gasket Set–Ref. No. 358.
Included in Carburetor Overhaul Kit–Ref. No. 121.</sup>

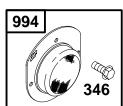












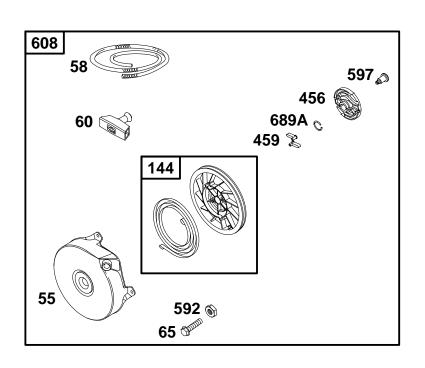
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
161 163 *6 298 300	⊘271935 691720	Air Cleaner Base (Metal) Air Cleaner Gasket Muffler/Elbow Locknut Exhaust Muffler	669 676 676A 676B 677	397931 393760	Muffler Guard Bracket Muffler Deflector Muffler Deflector Muffler Deflector Screw	832 836 864 883	690367 690776	Muffler Guard Screw (Muffler Guard) Muffler Adapter Exhaust Gasket
346 445	690661		686	691186	(Muffler Deflector)	967 968 971	491435	Pre–Cleaner Filter Air Cleaner Cover
534 536	691974 494279	Screw (Air Cleaner) Air Cleaner	823	692336	Screw (Muffler Adapter)	994	398067	Spark Arrester

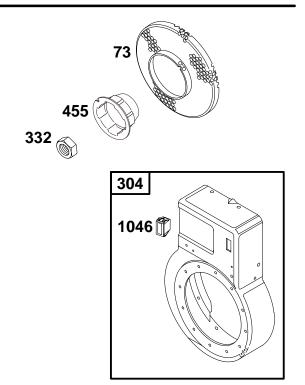
1005-8

Assemblies include all parts shown in frames. 8

<sup>Included in Engine Gasket Set–Ref. No. 358.
Included in Carburetor Overhaul Kit–Ref. No. 121.</sup>

Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.







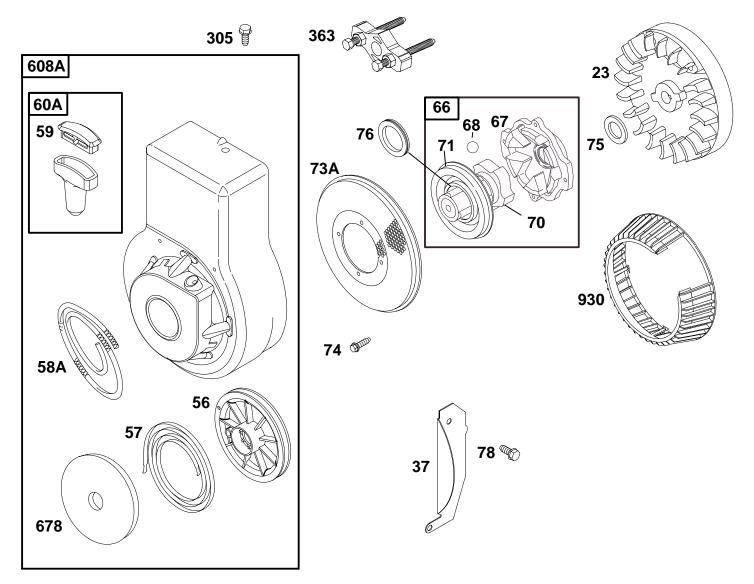
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
55	692144	Rewind Starter	144	499901	Pulley/Spring	459		Ratchet Pawl
		Housing			Assembly	592	690800	
58		Starter Rope	304		Blower Housing			(Rewind Starter)
60		Starter Rope Grip	305	692198		597	691696	
65	690837		332	690662	(Blower Housing)	608	400706	(Pawl Friction Plate) Rewind Starter
73	601225	(Rewind Starter) Rotating Screen	332	090002	(Flywheel)	689A		Friction Spring
13	091233	Rotating Screen	455	601236	Flywheel Cup	1046		Blower Housing Plug
			456		Pawl Friction Plate	1040	001001	Diower riousing riug

<sup>Included in Engine Gasket Set–Ref. No. 358.
Included in Carburetor Overhaul Kit–Ref. No. 121.</sup>

1005-9

Assemblies include all parts shown in frames.

Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.

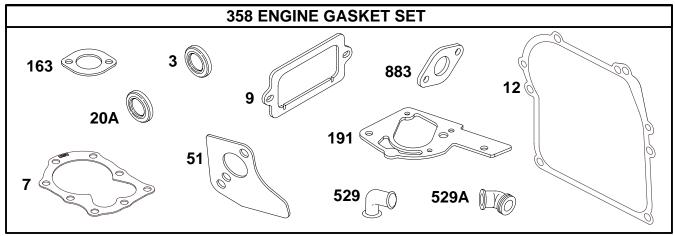


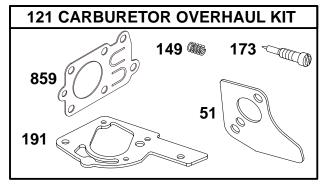
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
23 37		Flywheel Flywheel Guard	68 70	691604 691945	Clutch Ball Clutch Ratchet	78	690364	Screw (Flywheel Guard)
56 57	490179	Starter Pulley Rewind Starter Spring	71 73A	691725	Ratchet Cover Rotating Screen	305	692198	(Blower Housing)
58A	280406	Starter Rope (Cut to Required Length)	74 75	691627 691736	(Rotating Screen) Washer	363 608A	19069 498031	Flywheel Puller Rewind Starter (10 o'clock Position)
59 60A	393152	Grip Insert Starter Rope Grip	76	68238	(Flywheel) Ratchet Seal	678 930	490817 691330	Rewind Spacer Rewind Guard
66 67		Starter Clutch Clutch Housing						Used on Type No(s). 0109.

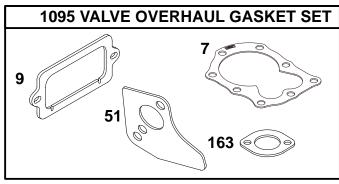
1005-10

<sup>Included in Engine Gasket Set–Ref. No. 358.
Included in Carburetor Overhaul Kit–Ref. No. 121.</sup>

Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.







REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
	★ Ø 27549	Oil Seal (Magneto Side) Cylinder Head Gasket Breather Gasket Crankcase Gasket (.015" Thick, Std.) Note *270895 Crankcase Gasket (.005" Thick) *270896 Crankcase Gasket (.009" Thick)	51* 121 149 163 • 173	495606 ●691592 ★Ø271935 ●691777	Oil Seal (PTO Side) Intake Gasket Carburetor Overhaul Kit Needle Valve Spring Air Cleaner Gasket Idle Mixture Valve Fuel Tank Gasket	358 529 529A 859 883 1095	*692189 *692187 •272538 *691314	Engine Gasket Set Grommet Grommet Pump Diaphragm Exhaust Gasket Valve Overhaul Gasket Set

Ø Included in Valve Overhaul Gasket Set-Ref. No. 1095.

1005-11

<sup>Included in Engine Gasket Set–Ref. No. 358.
Included in Carburetor Overhaul Kit–Ref. No. 121.</sup>