FORM MS-4183-7/97 REPLACES FORM MS-9748-2/97 FILE IN SECT. 2 OF SERVICE MANUAL

290700 to 290799

Illustrated Parts List Model Series 290700 to 290799

TYPE NUMBERS 0100, 0102, 0106, 0107, 0108, 0333, 0402, 0410.

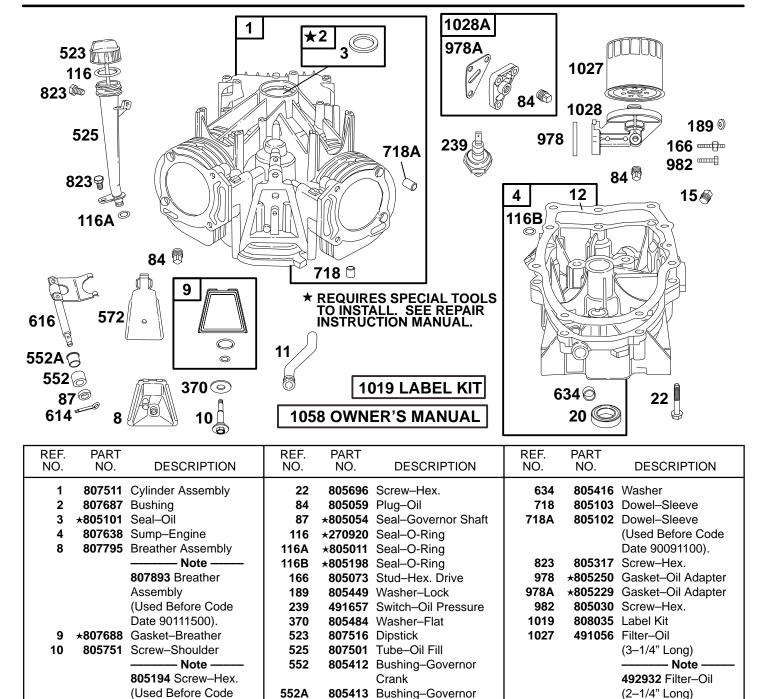
TO FIND THE CORRECT NUMBER OF THE PART YOU NEED: FOLLOW THE INSTRUCTIONS BELOW

- 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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Date 90111500).

805362 Tube-Breather

805048 Plug-Oil Drain

*805049 Seal-Oil

★805112 Gasket-Crankcase

1028

1028A

1058

11

12

15

20

Crank

805197 Plate-Breather

Shaft

807596 Crank-Governor

805417 Retainer-Governor

572

614

616

Used on Type No(s).

0333.

808235 Adapter-Filter

807689 Cover-Pump

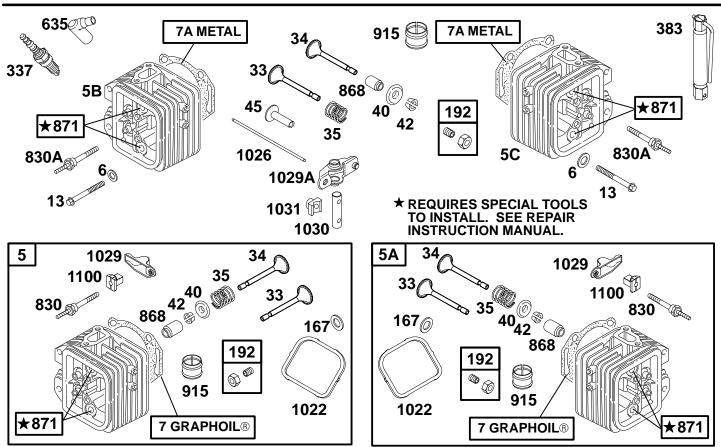
272104 Owner's Manual

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

 $[\]Delta\,$ Included in Valve Overhaul Kit–See Ref. No. 1033.

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

[◆] Included in Carburetor Gasket Set-See Ref. No. 977.



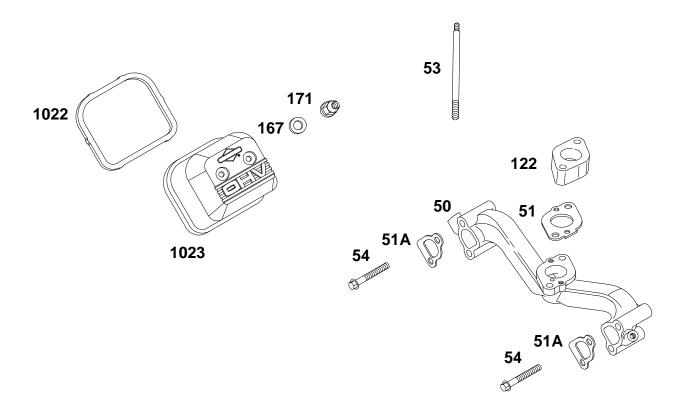
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
5 5A 5B	808382 807987	Head-Cylinder #1 Head-Cylinder #2 Head-Cylinder #1 (Used Before Code Date 96040100).	35		Spring–Valve Note 805078 Spring–Valve (Used Before Code Date 94011800).	1022 1026		Gasket–Rocker Cover Rod–Push (Steel) — Note 805617 Rod–Push
5C	∆805193	Head–Cylinder #2 (Used Before Code Date 96040100). Washer–Flat (Used Before Code Date 94050100).	40 42 45 167 192 337	807683 262679 ∆★805420 807623	Retainer–Valve Retainer–Valve Tappet–Valve Washer Adjuster–Rocker Arm Plug–Spark	1029 1029A		(Aluminum) (Exhaust Side Only) Arm–Rocker Arm–Rocker (Used After Code Date
7A	807986	Gasket–Cylinder Head Gasket–Cylinder Head (Used Before Code Date 96040100).	383 635 830 830A	19374 805529 806037	Wrench–Spark Plug Boot–Spark Plug Stud–Rocker Arm Stud–Rocker Arm			94011700 and Before Code Date 96040100). Note 808159 Arm-Rocker (Used Before Code
13 33 34	807681	Screw-Hex. Valve-Exhaust Valve-Intake	868 871 915	805084	(Used Before Code Date 96040100). Seal–Valve Bushing–Guide Liner–Port	1030 1031 1100	805341	Date 94011800). Shaft–Rocker Arm Support–Rocker Arm Pivot–Rocker Arm

[★] Included in Gasket Set–See Ref. No. 358.

 $[\]Delta$ Included in Valve Overhaul Kit–See Ref. No. 1033.

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

[◆] Included in Carburetor Gasket Set-See Ref. No. 977.



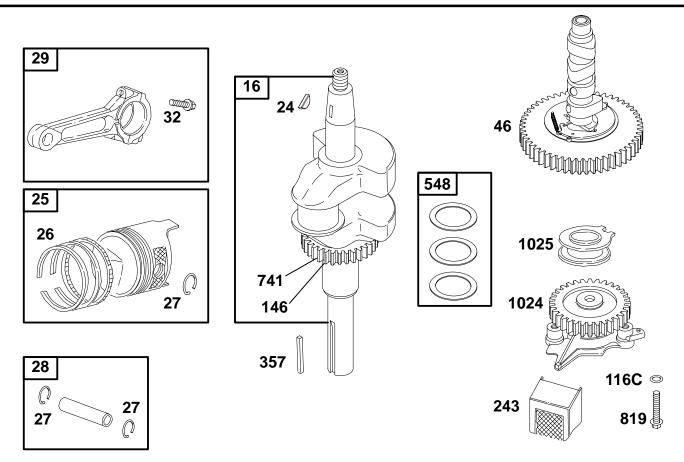
REF. NO.		DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
50 51 51A 53 54	★805700 △ ★805023 805669	Manifold–Intake Gasket–Intake Mounting Gasket–Intake Stud–Intake Manifold Screw–Hex.	167	805770 ∆ *805420	Spacer-Carburetor Note 805329 Spacer- Carburetor Used on Type No(s). 0100, 0102, 0106, 0107, 0108. Washer	171 1022 1023	∆ ∗806039	Nut-Lock Gasket-Rocker Cover Cover-Rocker

4183-4

Assemblies include all parts shown in frames.

 [★] Included in Gasket Set–See Ref. No. 358.
 △ Included in Valve Overhaul Kit–See Ref. No. 1033.

<sup>Included in Carburetor Kit–See Ref. No. 121.
Included in Carburetor Gasket Set–See Ref. No. 977.</sup>



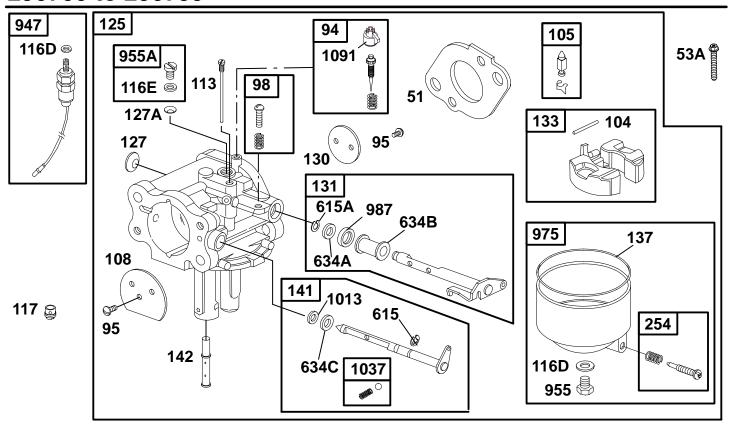
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
16 24 25		Crankshaft Key–Flywheel ——Note—— 805016 Key–Flywheel (Used Before Code Date 95030100). Piston Assembly (Standard) 807807 Piston Assy. (.010" O.S.) 807809 Piston Assy. (.020" O.S.) 807811 Piston Assy. (.030" O.S.)	26 27 28 29	805099 807621	Ring Set (Standard) 807808 Ring Set (.010" O.S.) 807810 Ring Set (.020" O.S.) 807812 Ring Set (.030" O.S.) Lock-Piston Pin Pin-Piston (Standard) Rod-Connecting (Standard) 807803 Rod-Connecting (.020" Undersize)	32 46 116C 146 243 357 548 741 819 1024 1025	807542 *805058 94196 805964 91540 807625 805675 805057 807546	Screw-Connecting Rod Gear-Cam Seal-O-Ring Key-Timing Screen-Oil Pump Key-Drive Pulley Washer Set Gear-Timing Screw-Hex. Pump-Oil Spool-Governor

4183-5

Assemblies include all parts shown in frames. 5

 $[\]star$ Included in Gasket Set–See Ref. No. 358. Δ Included in Valve Overhaul Kit–See Ref. No. 1033.

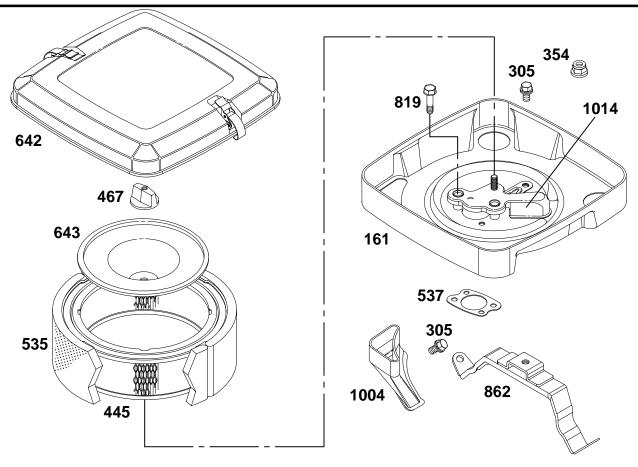
<sup>Included in Carburetor Kit–See Ref. No. 121.
Included in Carburetor Gasket Set–See Ref. No. 977.</sup>



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
51 53A 94 95 98 104 105 108 113 116D 116E	805360 •808258 805561 807705 •805586 •807706 805562 •805777 •224531	Gasket-Intake Screw-Phillips Hex. Valve-Idle Adjustment — Note — •807707 Valve-Idle Adjustment (Used Before Code Date 94102800). Screw-Choke/Throttle Screw-Idle Speed Pin-Float Hinge Valve-Needle Valve-Choke Tube-Jet Washer-Seal Gasket-Plug (Sold in Kit Only) Jet-Main (High Altitude) Carburetor — Note — 807639 Carburetor (Used Before Code Date 92040700).	127 127A 130 131 133 137 141 142 254 615 615A	●805571 805572 808323 807710 ◆● 807711 ●807960	Nozzle-Carburetor Include(s): Standard Main Jet		●805574 ●805580 807744 805592 807714 807715 ◆●806079 ◆●805581 ●807717	•

 [★] Included in Gasket Set–See Ref. No. 358.
 △ Included in Valve Overhaul Kit–See Ref. No. 1033.

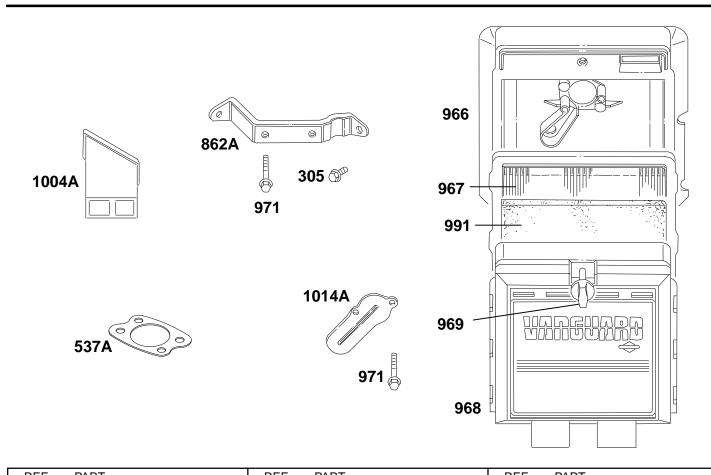
<sup>Included in Carburetor Kit–See Ref. No. 121.
Included in Carburetor Gasket Set–See Ref. No. 977.</sup>



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
	807857 805406 810078 394018	DESCRIPTION Base-Air Cleaner (Metal) Screw-Hex. Nut-Hex. Filter-Air Cleaner Cartridge Nut-Air Cleaner	535 537 642 643 819	NO. 272490 *805655 807862 805631	DESCRIPTION Filter–Air Cleaner Cartridge Gasket–Air Cleaner Cover–Air Cleaner Retainer–Air Filter Screw–Hex.		NO. 807859 805632	DESCRIPTION Strap-Cleaner Mounting Duct-Air Shield-Carburetor

 [★] Included in Gasket Set–See Ref. No. 358.
 △ Included in Valve Overhaul Kit–See Ref. No. 1033.

<sup>Included in Carburetor Kit–See Ref. No. 121.
Included in Carburetor Gasket Set–See Ref. No. 977.</sup>



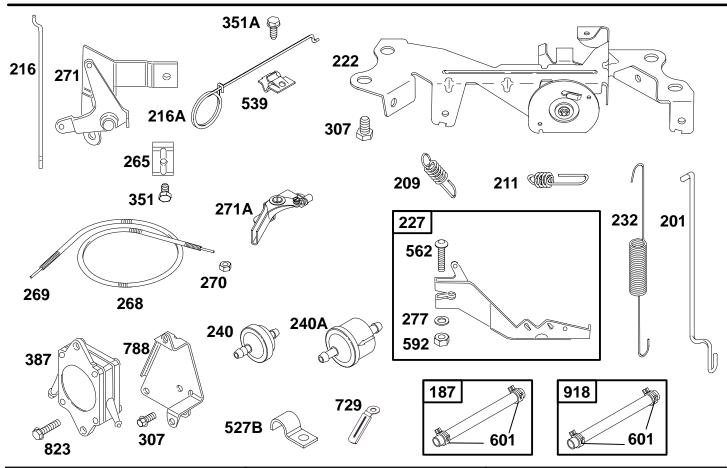
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
305 537A 862A	★805003	Screw-Hex. Gasket-Air Cleaner Strap-Cleaner Mounting	966 967 968 969	805113 805359	Base-Air Cleaner (Plastic) Filter-Air Cover-Air Cleaner Screw-Wing	971 991 1004A 1014A	805267 805363	Screw-Hex. Filter-Air Duct-Air Shield-Carburetor

 [★] Included in Gasket Set–See Ref. No. 358.
 △ Included in Valve Overhaul Kit–See Ref. No. 1033.

4183-8

Assemblies include all parts shown in frames.

Included in Carburetor Kit–See Ref. No. 121.
 Included in Carburetor Gasket Set–See Ref. No. 977.



		NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
187 296004 Line–Fuel (Cut to Required Length)	222	808195	Bracket–Control Note 807610 Bracket–	271 271A 277	290568	Control-Choke Lever-Control Washer-Flat
201 805480 Link–Throttle			Control	307	805025	Screw-Hex.
209 805462 Spring–Governor			(Used Before Code	351	805169	Screw-Phillips Hex.
Note			Date 95050100).	351A	805762	Screw-Hex.
805460 Spring-	227	807528	Lever-Governor	387	491922	Pump-Fuel
Governor	232	805465	Spring-Link	527B		Clamp-Tube
Used on Type No(s).	240	394358	Filter-Fuel	539	221372	Clip-Rod
0100, 0102, 0402.	240A	493629	Filter–Fuel	562	805381	Bolt-Governor Lever
805461 Spring-	265	221535	Clamp-Casing	592	805383	Nut-Hex.
Governor	268	65616	Casing-Wire	601		Clamp-Hose
Used on Type No(s).			(72" Long)	729		Clip-Wire
0108, 0410.			(Cut to Required	788		Bracket–Pump
211 805453 Spring–Governor Idle			Length)	823		Screw-Hex.
216 805439 Link-Choke	269	26633	Wire-Control	918	393815	Hose-Vacuum
216A 805509 Rod–Hand Choke			(78" Long)			(Cylinder–To–Impulse
			(Cut to Required			Pump)
			Length)			(Cut to Required
	270	63426	Locknut–Casing			Length)

[★] Included in Gasket Set–See Ref. No. 358.

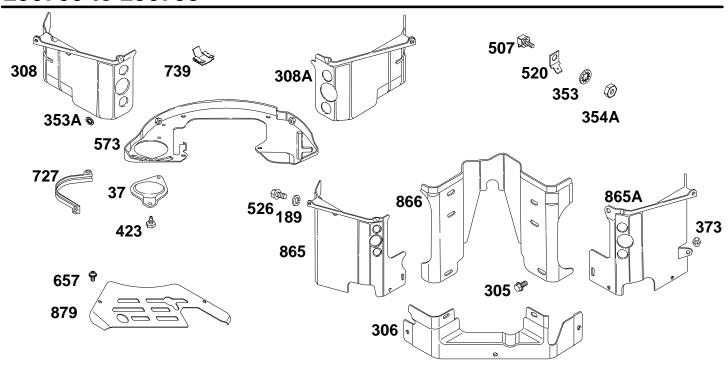
4183-9

Assemblies include all parts shown in frames.

Δ Included in Valve Overhaul Kit-See Ref. No. 1033.

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

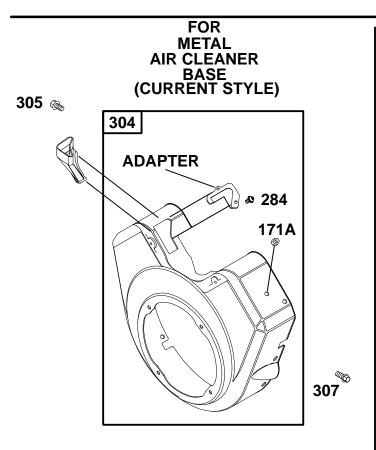
[◆] Included in Carburetor Gasket Set-See Ref. No. 977.

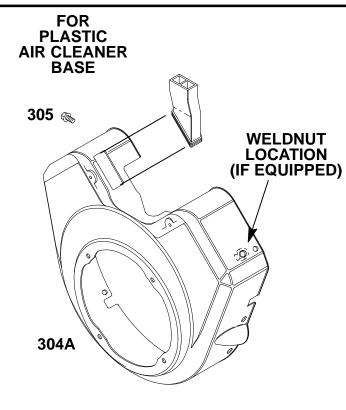


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
189 305 306 308	805449 805406 807661	Guard–Flywheel (Black) —— Note —— 805504 Guard– Flywheel (Red) Washer–Lock Screw–Hex. Cover–Air Guide Cover–Cylinder	353 353A 354A	806101	807649 Cover— Cylinder (Cylinder #2, Red) (Used Before Code Date 90111700). Used on Type No(s). 0100, 0102. Washer—Lock Washer—Terminal Nut—Hex.	865	807870	Cover–Cylinder (Cyl. #1, Black) ————————————————————————————————————
308A	807869	(Cylinder #1, Black) Note 807656 Cover— Cylinder (Cylinder #1, Black) (Used Before Code Date 90111700). Used on Type No(s). 0106, 0107. Cover—Cylinder (Cylinder #2, Black)	373 423 507 520 526 573	805383 805260 398525 93722 805448	Nut-Hex. Screw-Phillips Hex. Insulator Terminal Screw-Phillips Hex. Plate-Back (Black) Note 807655 Plate-Back (Red)	865A	807871	Cover–Cylinder (Cylinder #2, Black) Note 807659 Cover– Cylinder (Cylinder #2, Black) (Used Before Code Date 90111700). Used on Type No(s). 0108.
		Note————————————————————————————————————	657 727 739	805505	Screw-Phillips Cover-Starter Drive (Black) Note 805503 Cover-Starter Drive (Red) Clip-Debris	866 879	805738 805841	(Black) Note 807652 Cover–Air Guide (Red)
		1 + 0 + 0 - D + N - 050						

 [★] Included in Gasket Set–See Ref. No. 358.
 ∆ Included in Valve Overhaul Kit–See Ref. No. 1033.

<sup>Included in Carburetor Kit–See Ref. No. 121.
Included in Carburetor Gasket Set–See Ref. No. 977.</sup>

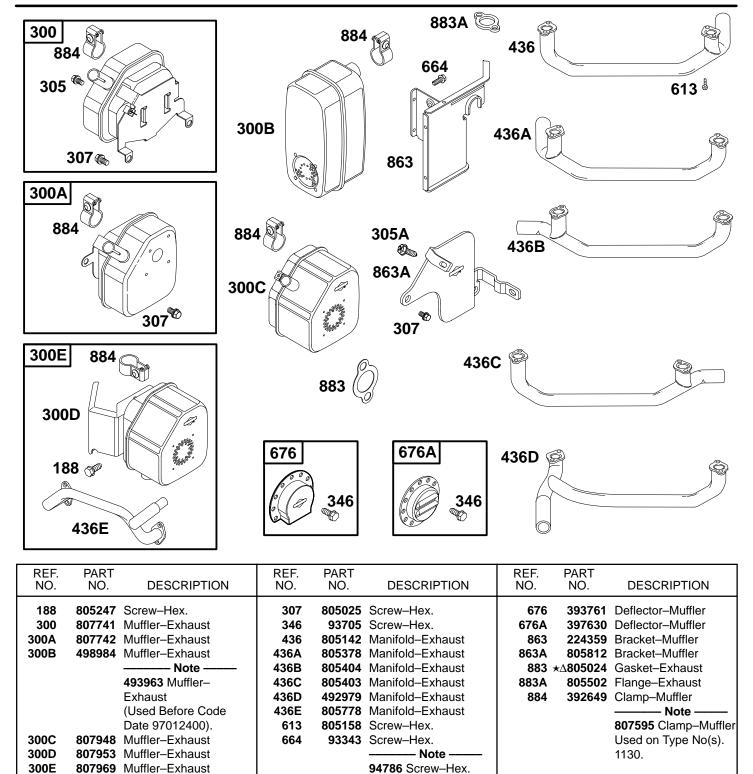




REF. PART REF. PART NO. NO. DESCRIPTION NO. NO. DESCRIPT	REF. PART NO. NO. DESCRIPTION
171A	807654 Housing— Blower (Red With Weld Nut) (Used Before Code Date 90111700). 807662 Housing— Blower (Black With Weld Nut) (Used Before Code Date 90111700). (Used Before Code Date 90111700). Screw—Hex. 307 805025 Screw—Hex.

 [★] Included in Gasket Set–See Ref. No. 358.
 △ Included in Valve Overhaul Kit–See Ref. No. 1033.

Included in Carburetor Kit–See Ref. No. 121.
 Included in Carburetor Gasket Set–See Ref. No. 977.



805406 Screw-Hex.

805448 Screw-Phillips Hex.

305

305A

(Used Before Code

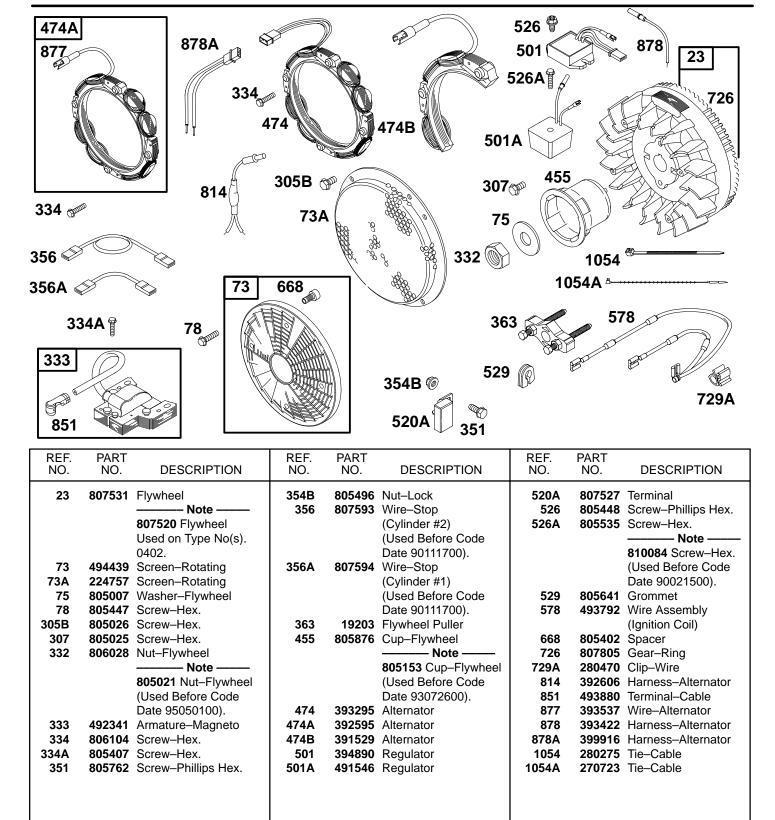
Date 97012400).

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

Δ Included in Valve Overhaul Kit-See Ref. No. 1033.

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

[◆] Included in Carburetor Gasket Set-See Ref. No. 977.

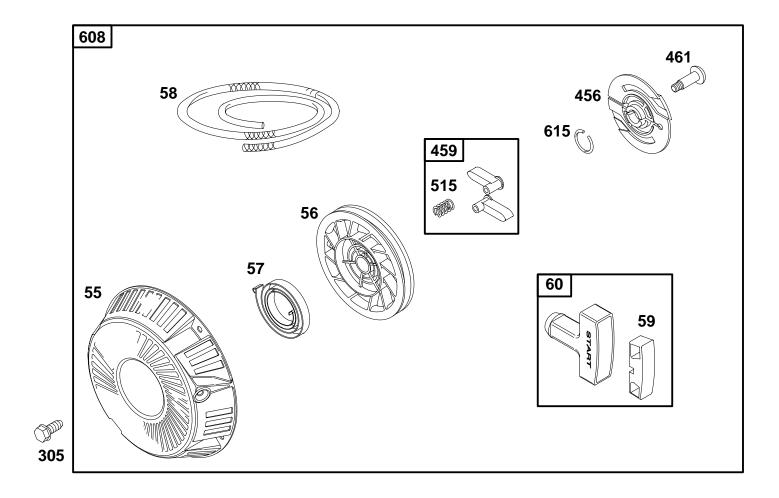


^{*} Included in Gasket Set-See Ref. No. 358.

 $[\]Delta\,$ Included in Valve Overhaul Kit–See Ref. No. 1033.

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

[◆] Included in Carburetor Gasket Set-See Ref. No. 977.



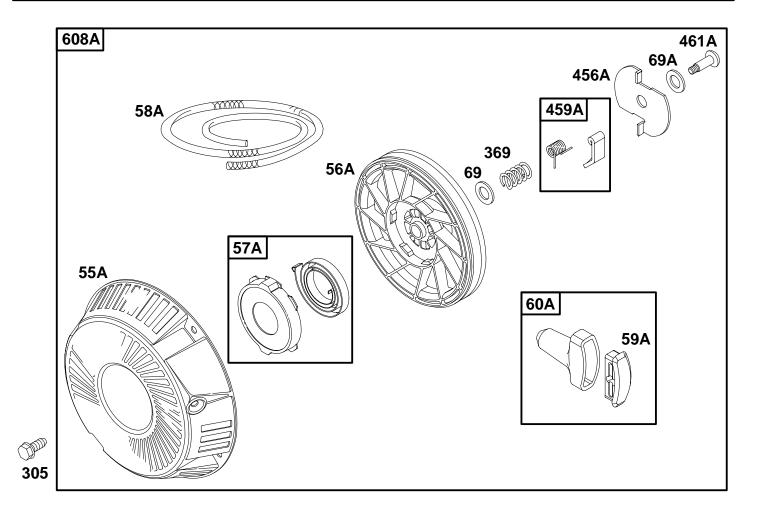
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
	NO. 808186 805949 805951	Housing–Rewind Starter		805957 808167 805406 805954 808166			NO. 805953 808087	Spring-Pawl

 [★] Included in Gasket Set–See Ref. No. 358.
 △ Included in Valve Overhaul Kit–See Ref. No. 1033.

4183-14

Assemblies include all parts shown in frames. 14

Included in Carburetor Kit–See Ref. No. 121.
 Included in Carburetor Gasket Set–See Ref. No. 977.



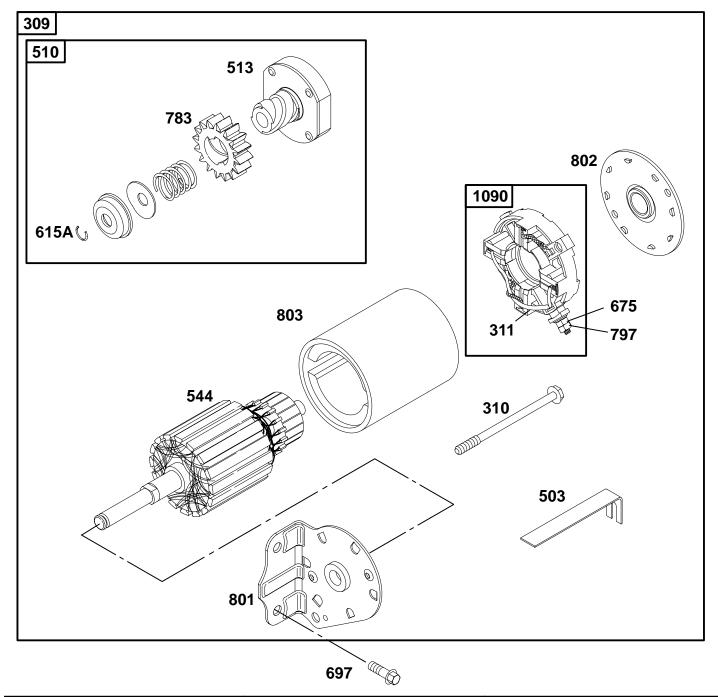
55A 492193 Housing–Rewind 59A 490653 Insert–Grip 456A 224228 Plate–Pawl Frict	TION
Starter 56A 280918 Pulley—Starter 57A 492194 Spring—Rewind Starter 58A 66894 Rope—Starter (Cut to Required Length) 60A 490652 Grip—Starter Rope 69 94464 Washer—Flat 69A 94462 Washer—Flat 305 805406 Screw—Hex. 369 262564 Spring—Friction 60A 490652 Grip—Starter Rope 69 94464 Washer—Flat 60BA 808152 Starter—Rewind 60BA 808152 Starter—Rewind 60BA 808152 Starter—Rewind 60BA 9463 Screw—Shoulder 60BA 808152 Starter—Rewind 60BA 9463 Screw—Shoulder 60BA 808152 Starter—Rewind 60BA 94663 Screw—Shoulder 6	Friction net oulder wind re Code

4183-15

Assemblies include all parts shown in frames. 15

 $[\]star$ Included in Gasket Set–See Ref. No. 358. Δ Included in Valve Overhaul Kit–See Ref. No. 1033.

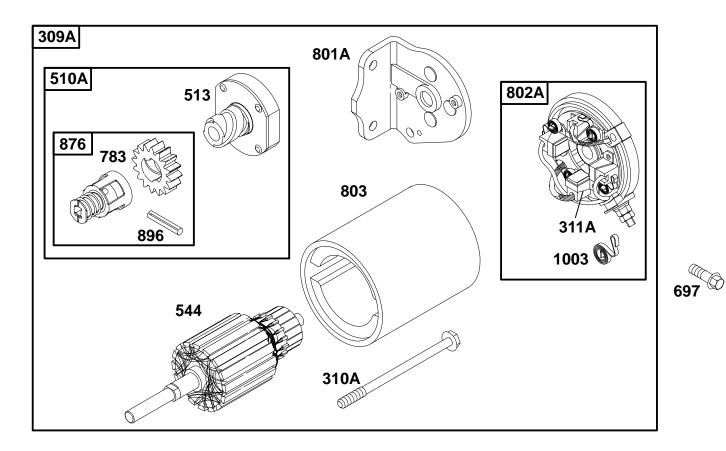
<sup>Included in Carburetor Kit–See Ref. No. 121.
Included in Carburetor Gasket Set–See Ref. No. 977.</sup>



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309 310 311 503	95035 497608	Motor–Starter Bolt (Starter Motor) Brush Set Strap–Starter	675 697	225137 805247	(Starter Motor)	802 803 1051	497607 263080	Cap-End Housing-Starter (Serviced By 499521 Starter Motor Only) Retainer
510 544	497606	Drive—Starter Armature—Starter (Serviced By 499521 Starter Motor Only)	783 797 801	92278	Gear–Starter Nut (Starter Terminal) Cap–Drive	1090	497605	Retainer–Brush

 [★] Included in Gasket Set–See Ref. No. 358.
 △ Included in Valve Overhaul Kit–See Ref. No. 1033.

<sup>Included in Carburetor Kit–See Ref. No. 121.
Included in Carburetor Gasket Set–See Ref. No. 977.</sup>



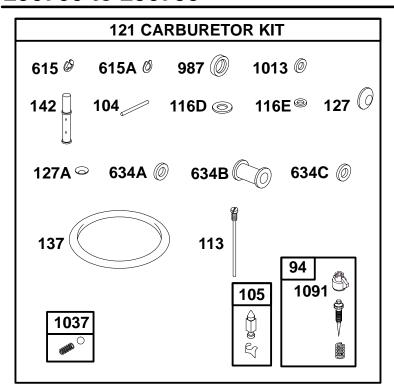
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309A		For Replacement Starter Motor, See Ref 309, Previous Page.	697 783	805247 693059	(Starter Motor Mounting) Gear-Starter	803	494205	Housing–Starter (For 4 3/8" Housing Length) ——— Note ———
310A	94169	Bolt (Starter Motor)	801A 802A	394856 494988	Cap-Drive Cap-End			398892 Housing–
311A	490311	Brush Set (For 4 9/16" Housing Length)			(For 4 3/8" Housing Length, Includes Brush Set)	876	495877	Starter (For 4 9/16" Housing Length) Kit–Gear
510A 513	495878				Note	896		Drive–Retainer
513 544		Drive—Starter Clutch—Drive Armature—Starter (For 4 3/8" Housing Length)			490310 Cap-End (For 4 9/16" Housing Length, Includes Brush Set)	1003 490316 Spring–E		

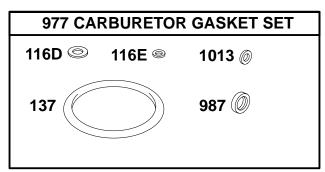
4183-17

Assemblies include all parts shown in frames. 17

 [★] Included in Gasket Set–See Ref. No. 358.
 △ Included in Valve Overhaul Kit–See Ref. No. 1033.

<sup>Included in Carburetor Kit–See Ref. No. 121.
Included in Carburetor Gasket Set–See Ref. No. 977.</sup>





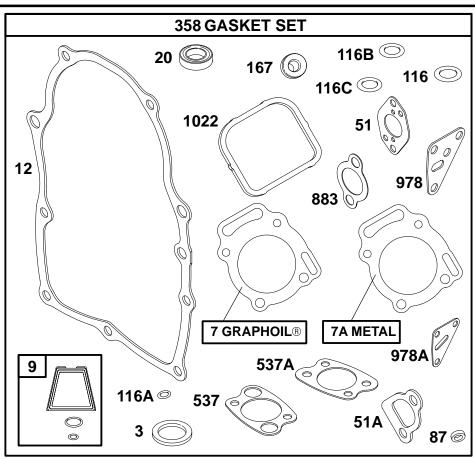
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
94 104 105 113	●808258 ●805586 ●807706 ●805777	Valve-Idle Adjustment — Note — 807707 Valve-Idle Adjustment (Used Before Code Date 95010100). Pin-Float Hinge Valve-Needle Tube-Jet — Note — 805565 Tube-Jet (Used Before Code Date 93020100). Washer-Seal Gasket-Plug (Sold in Kit Only)	127 127A 137 142	•805570 •805571 •◆	Carburetor Kit (Used After Code Date 94123100). Note 807962 Carburetor Kit (Used After Code Date 92040600 and Before Code Date 95010100). 807708 Carburetor Kit (Used Before Code Date 92040700). Plug—Welch Plug—Welch Gasket—Float Bowl (Sold in Kit Only) Nozzle—Carburetor (Used After Code Date 93013100). Note 807712 Nozzle— Carburetor (Used Before Code Date 93020100).	615 615A 634A 634B 634C 977	●805578 ●805577 ●805576 ●805574 ●805580 808325 ●◆806079 ●◆806079	Retainer–E-Ring (Choke Shaft) Ring–Retaining (Throttle Shaft) Washer–Spacer

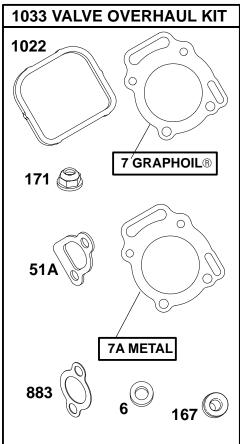
[★] Included in Gasket Set-See Ref. No. 358.

 $[\]Delta\,$ Included in Valve Overhaul Kit–See Ref. No. 1033.

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

[◆] Included in Carburetor Gasket Set-See Ref. No. 977.





REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3 6	★805101 ∆ 805193	Washer (Used Before Code	87 116 116A	★270920 ★805011	Seal–Governor Shaft Seal–O-Ring Seal–O-Ring	978	∆ ★805024 ★805250	
		Date 94050100). Gasket-Cylinder Head Gasket-Cylinder Head (Used Before Code Date 96040100).	116B 116C		Seal-O-Ring (Crankcase Cover) Seal-O-Ring (Oil Pump)	978A 1022 1033		Gasket Gasket-Rocker Cover Kit-Valve Overhaul
9 12 20 51	*807688 *805112 *805049 *805700	Gasket–Breather Gasket–Crankcase Seal–Oil	171 358	△805019	Nut-Lock Gasket Set Note 807989 Gasket Set			Overhaul (Used Before Code Date 96040100).
	∆ ±805023	Mounting Gasket–Intake (Manifold)	537	★805655	(Used Before Code Date 96040100). Gasket–Air Cleaner			

 [★] Included in Gasket Set–See Ref. No. 358.
 △ Included in Valve Overhaul Kit–See Ref. No. 1033.

<sup>Included in Carburetor Kit–See Ref. No. 121.
Included in Carburetor Gasket Set–See Ref. No. 977.</sup>