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You can read the recommendations in the user guide, the technical guide or the installation guide for BRIGGS & STRATTON 170402. You'll find the answers to all your questions on the BRIGGS & STRATTON 170402 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual BRIGGS & STRATTON 170402
User guide BRIGGS & STRATTON 170402
Operating instructions BRIGGS & STRATTON 170402
Instructions for use BRIGGS & STRATTON 170402
Instruction manual BRIGGS & STRATTON 170402

FORM MS-2814-099
REPLACES FORM MS-2814-1097
FIELD SERVICE MANUAL
170400 to 170499

Illustrated Parts List **Model Series** **170400 to 170499**

TYPE NUMBERS
6015, 6020, 6025,
6035, 6049, 6070,
6100, 6102, 6105,
6111, 6112, 6113,
6114.

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

- 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.
- 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.
- After the Reference Number has been identified, refer to the Numerical List, where Reference and Primary Part Number are listed. **THE PRIMARY PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE."**
- 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."
- If your Engine Type Number does not appear after any part number listed under "Note," use the Primary Part Number.
- 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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Manual abstract:

2 OF SERVICE MANUAL 170400 to 170499 Illustrated Parts List Model Series 170400 to 170499 TYPE NUMBERS 6015, 6020, 6025, 6035, 6049, 6070, 6100, 6102, 6105, 6111, 6112, 6113, 6114. 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.

@@@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. 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." If a "Note" appears below the Primary Part Number, it means that this part differs from the Primary Part for certain types. @@@COPYRIGHT by BRIGGS & STRATTON CORPORATION All rights reserved. @NO. PART NO.

REF. NO. 13A PART NO. 15 1019 LABEL KIT 1058 OWNER'S MANUAL REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

DESCRIPTION Cylinder Assembly Bushing SealOil HeadCylinder Washer GasketCylinder Head Breather Assembly GasketBreather ScrewHex. Tube-Breather ScrewHex. DESCRIPTION REF. NO. 307 308 337 PART NO. DESCRIPTION 1 495631 2 495657 3 K391086 5 214014 6 225137 7 K272163 8 495724 9 K27803 10 94621 11 280267 13 94565 14 15 84 306 691690 StudHex. (3 9/16" Long) (# 4 Position) Note 94776 StudHex. Drive (3 15/16" Long) (# 1 Position) 94926 StudHex. @@@@6015, 6020. @@@@293739 SwitchStop 225171 SwitchStop 94726 NutHex.

@@299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. @@2 48 170400 to 170499 25 26 28 27 29 27 32 30 REF. NO. 25 PART NO. DESCRIPTION REF. NO. 27 28 PART NO.

DESCRIPTION REF. NO. @(.010" O.S.

) 499909 Piston Assy. (.020" O.S.) 499910 Piston Assy.

(.030" O.S.) 499921 Ring Set (Standard) Note 299743 Ring Set (Chrome Standard) 391670 Ring Set (.010" O.S.) 391671 Ring Set (.020" O.S.) 391672 Ring Set (.

030" O.S.) 29 68546 LockPiston Pin 295840 PinPiston (Standard) Note 295841 PinPiston (.005" O.S.) 398577 RodConnecting (Standard) Note 398578 Rod Connecting (.020" Undersize) 223568 DipperConnecting Rod 94670 ScrewConnecting Rod K Included in Gasket SetPart No. 299577. D Included in Carburetor KitPart No. 398235.

Included in Valve Overhaul Gasket SetPart No. 498533. 28143 Assemblies include all parts shown in frames. 3 48 170400 to 170499 33A 16 741 146 17 24 42 36 41 33 34 35 40 45 35 40 45 REF. NO.

16 PART NO. DESCRIPTION REF. NO. 33 PART NO. DESCRIPTION REF.

NO. 40 PART NO. DESCRIPTION 17 24 495740 Crankshaft Note 495723 Crankshaft Used on Type No(s). 6025, 6049, 6105. 495733 Crankshaft Used on Type No(s). 6035, 6102. 495775 Crankshaft Used on Type No(s). 6113, 6114. 495791 Crankshaft Used on Type No(s). 6070, 6112.

29530 BearingBall 222698 KeyFlywheel 33A 34 35 36 263017 ValveExhaust (Used After Code Date 95041600). 390419 ValveExhaust (Used Before Code Date 95041700). 261055 ValveIntake 65906 SpringValve (Intake) (Used on Exhaust After Code Date 95041600)) 26828 SpringValve (Exhaust) (Used Before Code Date 95041700). 41 42 45 146 741 221596 RetainerValve (Intake) (Used on Exhaust After Code Date 95041600)) 292260 RetainerValve (Exhaust) (Used Before Code Date 95041700). 494553 KeeperValve (Used Before Code Date 95041700). 260933 TappetValve 94388 KeyTiming 263025 GearTiming K Included in Gasket SetPart No. 299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No.

498533. 28144 Assemblies include all parts shown in frames. 4 48 170400 to 170499 18 21 12 19 20 219 84 15A 15B 220 46 22 REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL. REF.

NO. 12 PART NO. DESCRIPTION REF. NO. 18 PART NO.

DESCRIPTION REF. NO. 20 21 22 46 84 219 PART NO. @@@@496980 Cover Crankcase Used on Model Series 170432. 496979 Cover Crankcase Used on Type No(s). 6113, 6114. 295964 Bushing 220 SealOil CapOil Fill ScrewHex. @@@@221551 WasherThrust K Included in Gasket SetPart No. 299577. D Included in Carburetor KitPart No.

398235. Included in Valve Overhaul Gasket SetPart No. @@@@NO. PART NO. DESCRIPTION REF. NO. 96 97 98 99 100 101 102 103 104 105 107 PART NO. @6020. REF. NO.

@@@@6020. @6020. @280149 SleeveLever K Included in Gasket SetPart No. 299577. D Included in Carburetor KitPart No.

398235. Included in Valve Overhaul Gasket SetPart No. @@@@NO. 206 207 208 209 PART NO. DESCRIPTION REF.

NO. 227 232 265 268 PART NO. @ArmatureMagneto ScrewHex. WasherLock NutHex. WireStop REF. NO. 356A 356B PART NO. @6015, 6020, 6025, 6035, 6049, 6113, 6114. @6020. 269 26633 270 271 305 333 334 353 354A 356 63426 290568 94786 398811 94731 92791 90576 398808 520 562 592 621 657 687 688 689 690 728 851 985 1054 491927 WireStop 491391 WireStop (Use With Switch Rotary Ref.

575) 93722 Terminal 94907 BoltGovernor Lever 231082 NutHex. 396847 SwitchStop 94906 ScrewSlotted Hex. 390701 SlideControl 221766 CapSpring 260847 SpringFriction 90746 ScrewSlotted 94627 ScrewHex. 493880 TerminalCable 398525 Insulator 280275 TieCable K Included in Gasket SetPart No. 299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. @@@@NO. 230 346 353 354A 474 482 614 615 PART NO.

94927 94896 92791 90576 391529 93621 93306 93307 REF. NO. 616 729 877 878 948 978 979 PART NO. 495241 223528 393814 393422 398661 K271736 494807 REF. NO.

980 982 982A 983 984 982A PART NO. @@WasherLock NutHex. Alternator ScrewHex. @ScrewHex. @299577.

D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. @@@@299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. 498533. 281412 Assemblies include all parts shown in frames.

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12 48 170400 to 170499 309 510 513 783 310 802 1090 1051 311 803 675 797 544 503 801 729 697 REF.

NO. 544 PART NO. REF. NO. 797 801 802 803 PART NO. REF. NO. 309 310 PART NO. DESCRIPTION DESCRIPTION DESCRIPTION 311 503 510 513
693054 MotorStarter (3 5/8" Housing Lgth.) 94003 Bolt (Starter Motor) (3 5/8" Housing Length) 497608 Brush Set 806000 StrapStarter 497606 DriveStarter
398003 ClutchDrive 675 697 729 783 497603 ArmatureStarter (3 5/8" Housing Length) 225137 Washer (Starter Motor) 94773 Screw (Starter Motor
Mounting) 225170 ClipWire 693059 GearStarter 1051 1090 92278 Nut (Starter Terminal) 394856 CapDrive 497607 CapEnd 497604 HousingStarter (3 5/8"
Housing Length) 263080 RingRetainer 497605 RetainerBrush K Included in Gasket SetPart No.

299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. 498533.

281413 Assemblies include all parts shown in frames. 13 48 170400 to 170499 309A 802A NOTE: For Replacement Starter Motor, See Ref. 309, Previous
Page 311A 310A 803A 544A 510A 801 876 697 896 783 513 REF. NO. 309A PART NO.

DESCRIPTION REF. NO. 510A 513 544A PART NO. DESCRIPTION REF. NO. @@94003 Bolt. @@299577. D Included in Carburetor KitPart No. 398235.
Included in Valve Overhaul Gasket SetPart No.

498533. 281414 Assemblies include all parts shown in frames. @@NO. 20 79 80 81A 82 PART NO. @@NO. 83 84A 85 86 PART NO. @@Cover Assembly-
Gear REF. NO. 88 89 189 411 PART NO. 27328 91488 90366 94886 DESCRIPTION GasketCover PlugOil WasherLock PlugOil Drain K Included in Gasket
SetPart No.

299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. 498533.

281415 Assemblies include all parts shown in frames. 15 48 170400 to 170499 358 GASKET SET 121 CARBURETOR KIT 51 7 104 9 51A 113 102 105 118
20 51 12 114 94 3 978 1095 VALVE OVERHAUL GASKET SET 883 51A 7 883 REF. NO. PART NO. REF.

NO. PART NO. REF. NO. 9 DESCRIPTION SealOil GasketCylinder Head GasketBreather GasketCrankcase (.015" Thick, Std.) Note K27876 Gasket
Crankcase (.005" Thick) K27877 Gasket Crankcase (.009" Thick) DESCRIPTION PART NO. DESCRIPTION Gasket Set GasketExhaust Gasket Gasket Set-
Valve Overhaul 3 K391086 7 K272163 9 K27803 12 K271701 20 K391086 SealOil 51 DK270684 GasketIntake 51A K27828 GasketIntake 94 D292681 Valve-
Idle Adjustment 102 D27918 GasketCarburetor Body 104 D231435 PinFloat Hinge 105 D394681 ValveNeedle 113 D398202 NozzleCarburetor 114 D68667
GasketNozzle 118 D99525 ValveHigh Speed 121 398235 Carburetor Kit 358 299.



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