



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for BRIGGS & STRATTON 190402. You'll find the answers to all your questions on the BRIGGS & STRATTON 190402 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 190402  
User guide BRIGGS & STRATTON 190402  
Operating instructions BRIGGS & STRATTON 190402  
Instructions for use BRIGGS & STRATTON 190402  
Instruction manual BRIGGS & STRATTON 190402

FORM MS-2795, 11/97  
REPLACES FORM MS-2795-097  
FIELD SELECT TOP SERVICE MANUAL  
**190400 to 190499**

## Illustrated Parts List Model Series 190400 to 190499

TYPE NUMBERS  
6001 through 6006,  
6011 through 6020,  
6023 through 6035,  
6041 through 6060,  
6070, 6072, 6083,  
6102, 6103, 6104,  
6110 through 6128,  
6130 through 6138,  
6140 through 6149,  
6151 through 6159,  
6160 through 6167,  
6180, 6213, 6214.

### 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 190400 to 190499 Illustrated Parts List Model Series 190400 to 190499 TYPE NUMBERS 6001 through 6006, 6011 through 6020, 6023 through 6035, 6041 through 6060, 6070, 6072, 6083, 6102, 6103, 6104, 6110 through 6128, 6130 through 6138, 6140 through 6149, 6151 through 6159, 6160 through 6167, 6180, 6213, 6214. 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. 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 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. 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. @@COPYRIGHT by BRIGGS & STRATTON CORPORATION All rights reserved. @@NO. 1 2 3 5 PART NO. @@SEE REPAIR INSTRUCTION MANUAL.

982 REF. NO. 13A PART NO. @@6029, 6130, 6142. WasherFlat GasketCylinder Head Breather Assembly GasketBreather ScrewHex. TubeBreather Note 280733 TubeBreather Used on Type No(s). 6029, 6130, 6142. ScrewHex. (3 9/16" Long) Note 94547 ScrewHex. Used on Type No(s).

6029, 6130, 6142. REF. NO. 347 347A 383 552 592 635 869 871 PART NO. @@Crank NutHex. @@@@Drive (3 9/16" Long) (# 4 Position) Note 94776 StudHex. Drive (3 15/16" Long) (# 1 Position) 94622 ScrewHex. (No. 1 Position) 94239 PlugOil Drain 94880 PlugOil Drain 496797 ShieldCylinder 94930 ScrewHex. 224896 CoverCylinder Note 221901 Cover Cylinder Used on Type No(s).

6029, 6130, 6142. 492167 PlugSpark Note 802592 PlugSpark (Resistor Type) 978 979 982 1019 1058 K273326 494807 94658 491181 270367 K Included in Gasket SetPart No. 299577. D Included in Carburetor KitPart No. 398235.

Included in Valve Overhaul Gasket SetPart No. 498533. 27932 Assemblies include all parts shown in frames. 2 117 190400 to 190499 25 26 28 27 29 32 31 30 27A REF. NO.

25 PART NO. DESCRIPTION REF. NO. 26 PART NO. DESCRIPTION REF. NO. 28 PART NO. DESCRIPTION 499907 Piston Assembly (Standard) Note 499908 Piston Assy. (.010" O.

S.) 499909 Piston Assy. (.020" O.S.) 499910 Piston Assy. (.030" O.S.) 27 27A 499921 Ring Set (Standard) Note 299743 Ring Set (Std. Chrome) 690018 Ring Set (.010" O.S.) 690019 Ring Set (.020" O.

S.) 690020 Ring Set (.030" O.S.) 263181 LockPiston Pin 68546 LockPiston Pin 29 30 31 32 499302 PinPiston (Standard) Note 499303 PinPiston (.005" O.S.) 390401 RodConnecting (Standard) Note 390773 Rod Connecting (.020" Undersize) 222113 DipperConn. Rod 222114 LockRod Screw 94670 ScrewConnecting Rod K Included in Gasket SetPart No. 299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. @@@@NO.

16 PART NO. DESCRIPTION REF. NO. PART NO. DESCRIPTION REF. NO. @@@@495663 Crankshaft Used on Type No(s). 6049, 6104. 495789 Crankshaft Used on Type No(s). 6047, 6072, 6119, 6147, 6155.

495655 Crankshaft Used on Type No(s). @@@495832 Crankshaft Used on Type No(s). @@@6117, 6156. 495884 Crankshaft Used on Type No(s). 6023, 6123, 6140, 6143, 6149, 6154, 6167.

496682 Crankshaft Used on Type No(s). 6159. 496779 Crankshaft Used on Type No(s). 6158. 497146 Crankshaft Used on Type No(s).

6160. 499531 Crankshaft Used on Type No(s). 6166. @@@390419 ValveExhaust (Used Before Code Date 95041700). 36 40 41 42 45 146 741 261055 Valve-Intake 65906 SpringValve (Intake) (Used on Exhaust After Code Date 95041600). 26828 SpringValve (Exhaust) (Used Before Code Date 95041700). 221596 RetainerValve (Intake) (Used on Exhaust After Code Date 95041600). 292260 RetainerValve (Exhaust) (Used Before Code Date 95041700). 494553 Keeper-Valve (Exhaust) (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. 27934 Assemblies include all parts shown in frames. 4 117 190400 to 190499 18 12 21 284 415 441 523 19 22 318A 15A 219 220 46 REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL. REF. NO.

12 PART NO. DESCRIPTION REF. NO. PART NO. DESCRIPTION 496983 Cover Crankcase Used on Type No(s).

6023, 6049, 6104, 6140, 6143, 6149, 6154, 6160. 496982 Cover Crankcase Used on Type No(s). 6015, 6020, 6025, 6116, 6151, 6165. 496981 Cover Crankcase Used on Type No(s). 6117, 6130, 6135, 6148, 6167.

Bushing SealOil CapOil Fill ScrewHex. REF. NO. 46 116 219 220 284 318A PART NO. 214786 K270920 494845 221551 94984 94931 DESCRIPTION Gear-Cam SealO-Ring GearGovernor WasherThrust ScrewShoulder StudHex. Drive Used on Type No(s). 6131. PlugPipe BracketOil Fill Dipstick Dipstick SealFill Tube TubeOil Fill TubeOil Fill Dipstick/Tube Assembly Dipstick/Tube Assembly 847 525 116 20 524 21 847A 525A 523A 15A 18 K271701 GasketCrankcase (.015" Thick) Note K27876 Gasket Crankcase (.005" Thick) K27877 Gasket Crankcase (.

009" Thick) 94880 PlugOil Drain 496980 CoverCrankcase Note 496984 Cover Crankcase Used on Type No(s).



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6001, 6004, 6005, 6111, 6112, 6113, 6114, 6123, 6124, 6125, 6126, 6128, 6153, 6159, 6163, 6213, 6214. 19 20 21 22 295964 K391086 281658 93585 415 441 523 523A 524 525 525A 847 847A 94497 223375 495225 297357 K281370 495347 232053 399901 493955 K Included in Gasket SetPart No. 299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. 498533. 27935 Assemblies include all parts shown in frames. 5 117 190400 to 190499 90 107 51A 108 109 843 53 50 176 150 51 485 118 104 103 54 97 98 99 132 101 124 102 134 95 91 96 51 95 94 119 142 110 689 93 REF.

NO. 50 PART NO. DESCRIPTION REF. NO. 101 102 103 104 107 PART NO.

DESCRIPTION REF. NO. 110 118 119 124 132 134 PART NO. 222712 D99525 94152 23123 212904 D394681 DESCRIPTION WasherFriction ValveHigh Speed ScrewTorxR Hex. ScrewShoulder StopThrottle Needle/Seat Kit (Viton Seat) Note 394682 ValveNeedle (Brass Seat) 394683 ValveNeedle (For Pump Feed Carburetor) NozzleCarburetor GasketNozzle ScrewTorxRHex.

KnobControl Used on Type No(s). 6130. @@Used on Type No(s). 6029, 6130, 6142. @@@@6020, 6123. 490140 Carburetor Used on Type No(s). 6029, 6142. 491864 Carburetor Used on Type No(s). 6130. @@6029, 6130, 6142.

399444 Body AssemblyLower Used on Type No(s). 6020, 6123. @@6029, 6130, 6142. @@6029, 6130, 6142. 396700 ShaftChoke Used on Type No(s).

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

6A 169 188 206 208 209 PART NO. @@NutGov. Adjusting RodGov. @@Used on Type No(s). @@261129 SpringGov.

Used on Type No(s). 6130. 261194 SpringGov. @@299577. D Included in Carburetor KitPart No.

398235. Included in Valve Overhaul Gasket SetPart No. @@@@NO. 116A 169B 180 PART NO. DESCRIPTION REF. NO. 183 PART NO. DESCRIPTION REF. NO. 199A 210 240 318 592 592E 601 PART NO.

@@@Drive NutHex. NutHex. @@@@6059. @@6059. @@6059. @@@@299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. @@@@NO.

116B 116C 165 305 445 467 536 PART NO. @@FilterA/C Cartridge NutAir Cleaner CleanerAir REF. NO. 536A 592 643 850 862 PART NO. @@Retainer-Filter SealBase StrapCleaner Mounting REF.

NO. 875 890 967 968 968A PART NO. @@299577. D Included in Carburetor KitPart No. 398235.

Included in Valve Overhaul Gasket SetPart No. @@@@NO. 6B 81 298 300 300A 300B 300C 300D 305 346A 346B PART NO. 93852 222263 261409

393010 494221 391313 498984 494222 94786 94896 93606 REF. NO. 592 613 613A 676 PART NO. 94726 94054 94042 393757 613A 81 883 832

DESCRIPTION WasherFlat LockMuffler Screw LocknutMuffler MufflerExhaust MufflerExhaust MufflerExhaust MufflerExhaust MufflerExhaust ScrewHex. ScrewHex. ScrewHex. DESCRIPTION REF.

NO. PART NO. DESCRIPTION DeflectorMuffler ShieldHeat GuardMuffler ScrewTorxRHex. BracketMuffler AdapterMuffler GasketExhaust ClampMuffler ArresterSpark 676A NutHex. ScrewShoulder ScrewShoulder DeflectorMuffler Note 393761 Deflector Muffler Used on Type No(s). 6002, 6115, 6133. 395700 DeflectorMuffler 676B crew (Starter Motor Mounting) 225170 ClipWire 693059 GearStarter 92278 Nut (Starter Terminal) 394856 CapDrive 497607 Cap-End 497604 HousingStarter (3 5/8" Housing Lgth.) 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. 279315 Assemblies include all parts shown in frames. 15 117 190400 to 190499 309A 802A NOTE: For Replacement Starter Motor, See Ref.

@@NO. 309A PART NO. DESCRIPTION REF. NO. 503 510A 513 544A PART NO.

806000 495878 398003 390837 DESCRIPTION REF. NO. @@94003 Bolt. @@299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. 498533. 279316 Assemblies include all parts shown in frames. 16 117 190400 to 190499 79 20 80 274 82 88 305 84 85 731 86 169A 82 20 89 15B 932 74A 74B REF.

NO. 15B 20 74A 74B 79 80 82 83 84 85 PART NO. 94886 K391086 93042 94680 296179 27884 92502 214300 94918 91386 DESCRIPTION PlugOil Drain SealOil ScrewHex. ScrewHex. Case ReductionGear GasketGear Case ScrewHex. ShaftAuxillary Drive PlugBreather ScrewHex. REF. NO. 86 88 89 169A 208 274 305 318A 467A 592 PART NO. DESCRIPTION REF.

NO. 592G 625 731 PART NO. @@94931 StudHex. @@@@6130. @@299577.

D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. 498533. 279317 Assemblies include all parts shown in frames. 17 117 190400 to 190499 121 CARBURETOR OVERHAUL KIT 118 102 3 116 134 51 142 104 150 12 20 358 GASKET SET 524 51 978 883 1095 VALVE OVERHAUL GASKET SET 883 51A 7 9 7 9 51A REF. NO. PART NO. DESCRIPTION SealOil GasketCylinder Head GasketBreather GasketCrankcase (.015" Thick) K27876 Gasket Crankcase (.005" Thick) K27877 Gasket Crankcase (.009" Thick) REF. NO. PART NO. DESCRIPTION REF.

NO. 142 150 PART NO. DESCRIPTION 3 K391086 7 K272163 9 K27803 12 K271701 20 K391086 SealOil 51 DK270684 GasketIntake 51A K27828 Gasket-Intake 102 D27918 GasketCarburetor Body 104 D231435 PinFloat Hinge 116 K270920 SealO-Ring 118 D99525 ValveHigh Speed 121 398235 Carburetor Kit 134 D394681 Needle/Seat Kit D398202 NozzleCarburetor D68667 GasketNozzle (Viton Seat) 358 299577 Gasket Set 524 K281370 SealFill Tube 883 K272309 GasketExhaust 978 K273326 GasketOIL GARDR 1095 498533 Gasket SetValve Overhaul K Included in Gasket SetPart No. 299577. D Included in Carburetor KitPart No. 398235. Included in Valve Overhaul Gasket SetPart No. 498533. 279318 Assemblies include all parts shown in frames. 18 117 .



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