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The ROP Shop 12H802-2672-B1, 12H802-2672-E1, 12H802-2675-B1

The ROP Shop Carburetor Instruction Manual

For Briggs & Stratton Engine Models 12H802-2672-B1, 12H802-2672-E1, and 12H802-2675-B1

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your new ROP Shop Carburetor. Please read this manual thoroughly before attempting any installation or service to ensure safe and correct usage. This carburetor is designed as a replacement part for specific Briggs & Stratton engine models.

2. SAFETY INFORMATION

Always observe the following safety precautions when working with engine components and fuel:

- **Disconnect Spark Plug:** Before performing any service, disconnect the spark plug wire to prevent accidental engine starting.
- **Fuel Handling:** Gasoline is highly flammable. Work in a well-ventilated area, away from open flames or sparks. Store fuel in approved containers.
- **Eye Protection:** Always wear appropriate eye protection to guard against fuel splashes or debris.
- **Gloves:** Wear protective gloves to prevent skin contact with fuel and other engine fluids.
- **Hot Surfaces:** Engine components can be hot. Allow the engine to cool completely before servicing.
- **Proper Tools:** Use the correct tools for each task to avoid damage to parts or personal injury.

3. PRODUCT COMPATIBILITY

This ROP Shop Carburetor is compatible with Briggs & Stratton engines featuring a primer bulb system. It is **not** suitable for engines equipped with a choke system. To ensure correct fitment, verify your engine's full model number, spec, type/code, and serial number. This carburetor is specifically designed for the following Briggs & Stratton engine models:

- 12H802-2672-B1
- 12H802-2672-E1
- 12H802-2675-B1

If you are uncertain about compatibility, please consult your engine's original manual or contact The ROP Shop support with your engine's complete identification details.

4. PACKAGE CONTENTS

Upon opening the package, please ensure all the following components are present:

- 1x Carburetor assembly
- 1x Gasket
- 1x O-Ring



Image 1: The ROP Shop Carburetor, including the main unit, gasket, and O-ring, shown with its product packaging.



Image 2: Close-up view of the carburetor gasket and O-ring, essential for a proper seal during installation.

5. INSTALLATION INSTRUCTIONS

Follow these steps carefully to install the new carburetor. Refer to your engine's service manual for specific torque specifications and additional details.

1. **Preparation:** Ensure the engine is cool and the spark plug wire is disconnected. Turn off the fuel supply and drain any fuel from the fuel tank and fuel lines.
2. **Remove Air Filter Assembly:** Carefully remove the air filter housing and air filter to gain access to the carburetor.
3. **Disconnect Linkages and Fuel Line:** Disconnect the throttle and choke linkages (if present, though this carburetor is for primer bulb systems) from the old carburetor. Detach the fuel line, being prepared for any residual fuel.
4. **Remove Old Carburetor:** Unbolt the old carburetor from the engine. Note the position of any gaskets or spacers.
5. **Clean Mounting Surfaces:** Thoroughly clean the engine's intake manifold and air filter housing mounting surfaces to ensure a proper seal with the new gaskets. Remove any old gasket material.
6. **Install New Gasket and Carburetor:** Place the new gasket in its correct position. Mount the new ROP Shop Carburetor onto the engine, ensuring it aligns properly with the intake manifold.
7. **Reconnect Fuel Line and Linkages:** Reattach the fuel line securely. Reconnect the throttle and any other linkages to the new carburetor. Ensure all connections move freely without binding.
8. **Reinstall Air Filter Assembly:** Place the air filter and its housing back onto the carburetor.
9. **Reconnect Spark Plug:** Once all connections are secure, reconnect the spark plug wire.

6. POST-INSTALLATION CHECKS

After installation, perform the following checks before starting the engine:

- **Fuel Supply:** Turn on the fuel supply and check for any leaks around the fuel line connections.
- **Linkage Movement:** Verify that the throttle linkage operates smoothly and returns to the idle position.
- **Primer Bulb:** If your engine uses a primer bulb, press it several times until fuel is visible in the bulb or fuel lines.
- **Tightness:** Ensure all bolts and clamps are securely tightened.

7. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your carburetor:

- **Fuel Quality:** Always use fresh, clean gasoline. Stale or contaminated fuel is a common cause of carburetor issues. Consider using a fuel stabilizer if the engine will be stored for extended periods.
- **Fuel Filter:** Regularly inspect and replace the fuel filter according to your engine manufacturer's recommendations. A clogged fuel filter can restrict fuel flow to the carburetor.
- **Air Filter:** Keep the air filter clean and replace it as needed. A dirty air filter can cause the engine to run rich and affect carburetor performance.
- **External Cleaning:** Periodically clean the exterior of the carburetor to remove dirt and debris. Avoid spraying water directly into the carburetor's openings.

8. TROUBLESHOOTING

If you encounter issues after installing the new carburetor, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine will not start	No fuel reaching carburetor, clogged fuel filter, incorrect installation, spark plug issue	Check fuel level, fuel filter, fuel lines. Verify carburetor installation and linkages. Check spark plug.
Engine runs rough or stalls	Dirty air filter, old fuel, minor fuel restriction, vacuum leak	Clean/replace air filter. Use fresh fuel. Check for loose connections or damaged gaskets causing air leaks.
Fuel leaks from carburetor	Improperly seated gasket/O-ring, loose fuel line, damaged float needle	Recheck gasket and O-ring installation. Tighten fuel line connections. Inspect float needle for debris or damage.
Engine lacks power	Restricted fuel flow, dirty air filter, incorrect engine adjustments	Check fuel filter and air filter. Ensure throttle linkage is fully opening.

For persistent issues, it is recommended to consult a qualified service technician or contact The ROP Shop support.

9. PRODUCT SPECIFICATIONS

Key specifications for The ROP Shop Carburetor:

- **Product Dimensions:** Approximately 9 x 2.63 x 3 inches
- **Item Weight:** Approximately 6.1 ounces
- **Compatibility:** Briggs & Stratton engines with primer bulb system (specific models listed in Section 3)
- **Includes:** Carburetor, Gasket, O-Ring



Image 3: Front view of the carburetor detailing key dimensions for reference during installation.

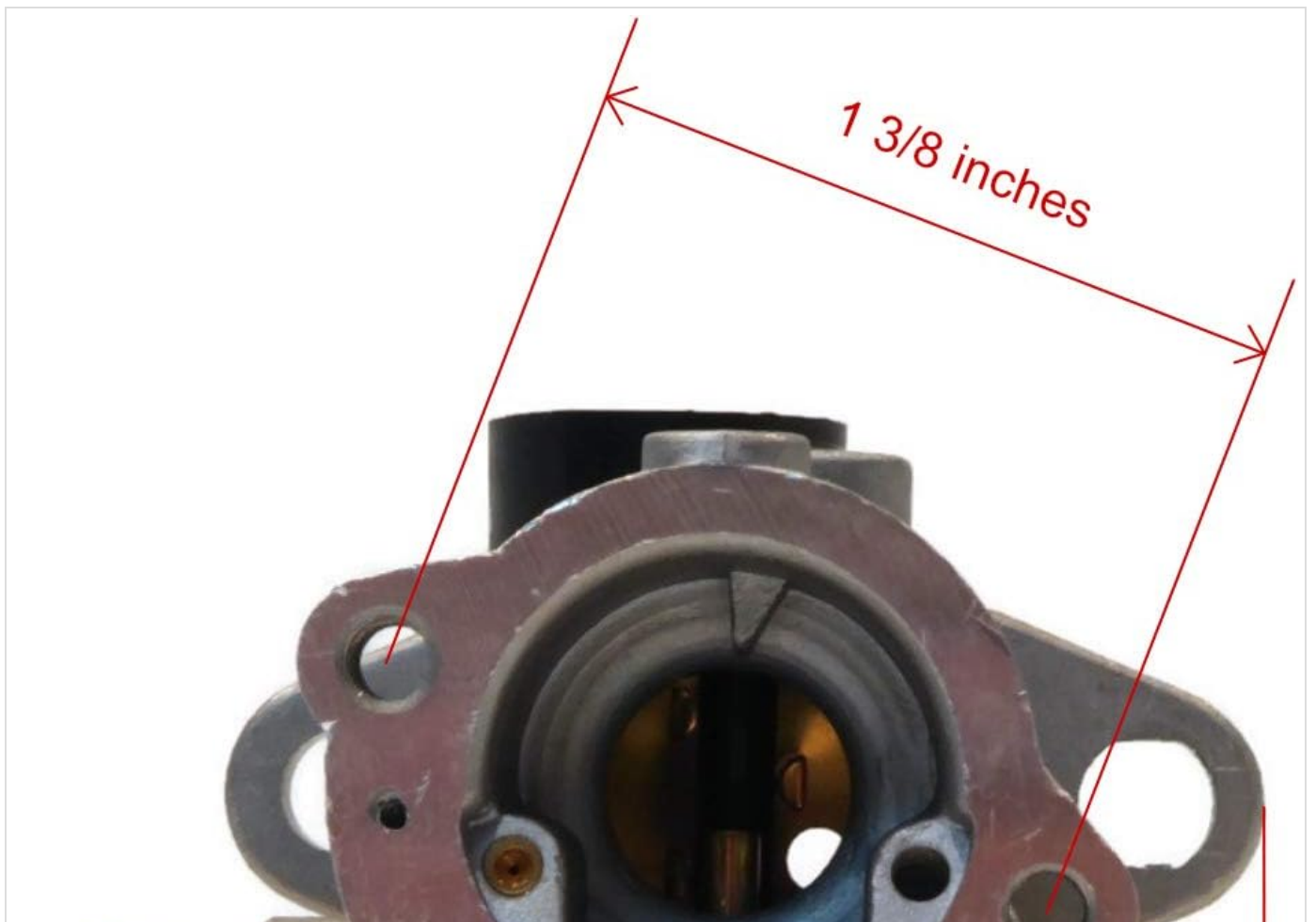




Image 4: Side view of the carburetor providing additional dimensional information.

10. SUPPORT & CONTACT INFORMATION

For any questions regarding product compatibility, installation, or troubleshooting that is not covered in this manual, please contact The ROP Shop customer support. When contacting support, please have your engine's model, spec, type/code, and serial number readily available to assist our specialists in providing accurate assistance.

You can find more information and contact details on The ROP Shop's official channels or through your purchase platform.