

D222274

HQParts Carburetor Instruction Manual

Model: D222274, 11A-02SB700, 11A-02SB500, 11A-A0S5700, 11A-B0S5700, 172281T65BA

PRODUCT OVERVIEW

This manual provides instructions for the installation, operation, and maintenance of the HQParts Carburetor, designed as a replacement part for various Yard Machines and MTD lawn mowers. This carburetor is crucial for proper fuel-air mixture delivery to the engine, ensuring optimal performance.

COMPATIBILITY

This HQParts Carburetor is compatible with the following models:

- Yard Machine MTD 21" Powermore push lawnmower Part 172281T65BA
- 20" 11A-02SB500 Walk-Behind Mower
- 20" 11A-02SB700 Walk-Behind Mower
- 20" Walk-Behind Mower with 132cc OHV Engine
- 21" 11A-A0S5700 Push Mower
- 21" 11A-B0S5700 Push Mower
- D222274 SP 140cc OHV Engine

Important: Always compare your old carburetor with the provided images and part numbers to ensure proper fitment before installation.



Special Attention

Amazon Compatibility is not 100% accurate and it is for search purpose only. Before purchase, please carefully compare the pictures, models and OEM part number. to verify proper fitment also you can email us your old part photo /model number to confirm

Image: Side view of the HQParts carburetor, showing the fuel inlet and mounting points. This view helps in verifying the physical dimensions and connections against the original part.

PACKAGE CONTENTS

The package includes the following components:

- 1 x Carburetor assembly
- 3 x Gaskets (for proper sealing)
- 1 x Primer bulb
- 2 x Fuel filters
- 1 x Spark plug
- 1 x Fuel line



Image: A complete view of all components included in the kit: the carburetor, three gaskets, a primer bulb, two fuel filters, a spark plug, and a fuel line. This image helps verify that all parts are present.

SETUP AND INSTALLATION

Disclaimer: Carburetor replacement can be complex. If you are unsure about any step, it is recommended to seek professional assistance. Ensure the engine is cool and disconnected from the spark plug wire before beginning any work.

- 1. Preparation:** Disconnect the spark plug wire. Drain the fuel tank or clamp the fuel line to prevent spills. Remove the air filter housing and any shrouds obstructing access to the carburetor.
- 2. Remove Old Carburetor:** Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor. Unbolt the carburetor from the engine manifold. Note the position of all connections for reassembly.
- 3. Install New Carburetor:** Ensure the mounting surfaces are clean. Place the new gaskets in their correct positions. Mount the new HQParts carburetor, ensuring all linkages (throttle, choke) and the fuel line are securely reconnected.
- 4. Replace Components:** Install the new fuel filters in the fuel line as appropriate. Replace the old spark plug with the new one provided. Install the new primer bulb if applicable.
- 5. Final Checks:** Reattach the air filter housing and any removed shrouds. Reconnect the spark plug wire. Check all connections for tightness and ensure there are no fuel leaks.



Image: Front view of the HQParts carburetor, highlighting the main body and adjustment screws. This perspective is useful for identifying key components during installation.

OPERATING CONSIDERATIONS

After installing the new carburetor, follow these general guidelines for initial operation:

- **Fueling:** Fill the fuel tank with fresh, clean fuel appropriate for your engine type.
- **Priming:** If your engine has a primer bulb, press it several times until fuel is visible in the fuel line or the bulb feels firm.
- **Starting:** Follow your equipment's specific starting procedure (e.g., choke setting, throttle position). The new carburetor should provide a consistent fuel-air mixture for easier starting.
- **Idle Adjustment:** After the engine warms up, check the idle speed. If necessary, adjust the idle screw on the carburetor to achieve a smooth, stable idle.

MAINTENANCE

Regular maintenance of your carburetor and fuel system components will ensure longevity and optimal performance:

- **Fuel Filters:** Inspect and replace fuel filters periodically, especially if you notice reduced fuel flow or engine performance issues. The kit includes two new fuel filters for this purpose.

- **Spark Plug:** Replace the spark plug annually or as recommended by your engine manufacturer. The kit includes a new spark plug.
- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel is a primary cause of carburetor issues. Consider using a fuel stabilizer if storing equipment for extended periods.
- **Air Filter:** Ensure your air filter is clean and properly installed to prevent dirt and debris from entering the carburetor.

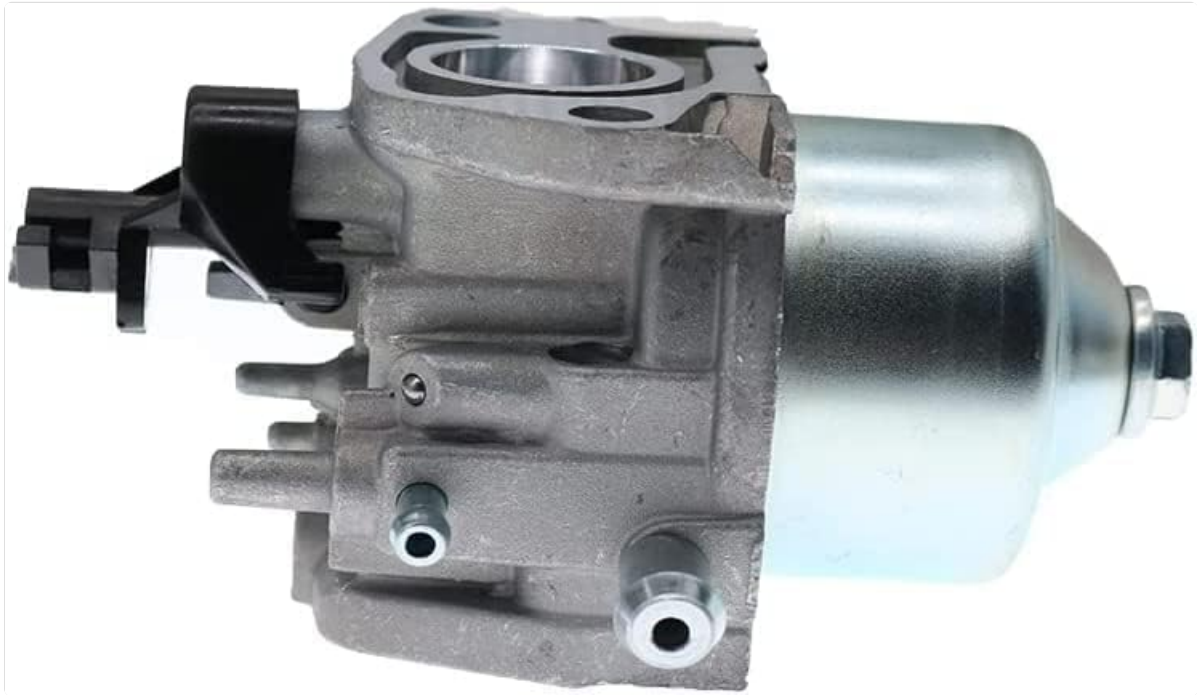


Image: A different side view of the HQParts carburetor, showing additional ports and the float bowl. This view can assist in understanding the internal workings and identifying potential areas for cleaning.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel filter, incorrect choke setting, faulty spark plug.	Check fuel level, replace fuel filter, adjust choke, replace spark plug. Ensure primer bulb is working.
Engine runs rough/stalls	Dirty fuel, air leak around carburetor gaskets, incorrect idle adjustment.	Drain old fuel and refill with fresh. Check gasket seating. Adjust idle screw.
Fuel leaks	Loose fuel line connection, damaged fuel line, improperly seated gaskets.	Tighten fuel line clamps. Inspect fuel line for cracks. Re-seat or replace gaskets.



Image: Bottom view of the HQParts carburetor, showing the float bowl and drain screw. This view is helpful for troubleshooting fuel flow issues or draining the carburetor.

SPECIFICATIONS

- **Product Type:** Replacement Carburetor Kit
- **Manufacturer:** HQParts
- **Part Number:** D222274 (Primary reference)
- **Engine Compatibility:** 132cc OHV, 140cc OHV (as per compatible models)
- **Included Components:** Carburetor, 3 Gaskets, Primer Bulb, 2 Fuel Filters, Spark Plug, Fuel Line
- **UPC:** 605500278982

WARRANTY AND SUPPORT

For specific warranty information or technical support regarding this HQParts carburetor, please refer to the seller's return policy or contact the seller directly through the platform where the purchase was made. Keep your purchase receipt as proof of purchase.

This product is designed as a direct replacement. For detailed engine-specific repair procedures, consult your equipment's original service manual.

