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> HURI Fuel Line, Fuel Filter, and Primer Bulb Instruction Manual for Ryobi 700r 766r 767rJ String Trimmer

HURI HSGD00740

HURI Fuel Line, Fuel Filter, and Primer Bulb Instruction Manual

For Ryobi 700r, 766r, 767rJ String Trimmers

1. INTRODUCTION

This manual provides essential instructions for the installation and maintenance of the HURI Fuel Line, Fuel Filter, and Primer Bulb replacement kit. These components are designed to restore proper fuel delivery to compatible Ryobi string trimmers. Please read this manual thoroughly before attempting any installation or maintenance procedures.

2. PRODUCT OVERVIEW

The HURI replacement kit includes the following components:

- Fuel Filters (2 pieces)
- Primer Bulb (1 piece)
- Fuel Lines (2 pieces, 1 foot each)

These parts are non-original replacements designed for specific Ryobi string trimmer models.



Figure 1: Overview of the HURI Fuel Line, Fuel Filter, and Primer Bulb replacement kit. The image displays two yellow fuel lines, two fuel filters (one with a white cylindrical body and metal cap, the other similar but with a different connection point), and one black primer bulb with a clear dome.

3. COMPATIBILITY

This replacement kit is compatible with the following Ryobi string trimmer models:

- Ryobi 700r
- Ryobi 766r
- Ryobi 767rJ

Verify your trimmer's model number before proceeding with installation.

4. INSTALLATION

4.1 Safety Precautions

- Ensure the string trimmer engine is **OFF** and cool before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Work in a well-ventilated area.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Have a rag ready to catch any spilled fuel.

4.2 Fuel Line and Fuel Filter Replacement

1. **Drain Fuel:** Empty the fuel tank completely into an approved fuel container.
2. **Locate Components:** Identify the existing fuel lines, fuel filter, and primer bulb on your trimmer. These are typically located near the fuel tank and carburetor.

3. **Remove Old Fuel Filter:** Carefully pull the old fuel filter out of the fuel tank using a hooked tool or pliers. Note how the fuel line is connected to it.
4. **Remove Old Fuel Lines:** Disconnect the old fuel lines from the carburetor and the fuel tank. Pay attention to which line goes to which port (supply and return).
5. **Install New Fuel Filter:** Attach one end of a new fuel line to the new fuel filter. Ensure a snug fit.
6. **Insert Fuel Filter:** Carefully feed the fuel line with the new filter into the fuel tank. The filter should rest at the bottom of the tank.
7. **Connect Fuel Lines:** Connect the other end of the fuel line from the filter to the appropriate fuel inlet port on the carburetor. Connect the second new fuel line to the fuel return port on the carburetor and feed it back into the fuel tank. Ensure all connections are secure and free of kinks.

4.3 Primer Bulb Replacement

1. **Access Primer Bulb:** Depending on your trimmer model, you may need to remove a cover or housing to access the primer bulb.
2. **Remove Old Primer Bulb:** Gently pry out the old primer bulb from its housing. Note the orientation and how the fuel lines are connected to it. There are typically two ports on the primer bulb.
3. **Disconnect Lines:** Disconnect the fuel lines from the old primer bulb.
4. **Connect New Primer Bulb:** Connect the fuel lines to the new primer bulb in the same configuration as the old one. One line typically comes from the fuel tank/carburetor, and the other returns to the fuel tank.
5. **Install New Primer Bulb:** Press the new primer bulb firmly into its housing until it seats securely.

After installation, double-check all connections for tightness and proper routing to prevent leaks or operational issues.

5. POST-INSTALLATION CHECK (OPERATING)

After replacing the components, perform the following checks:

- **Refill Fuel Tank:** Add fresh, appropriate fuel mixture to the fuel tank.
- **Prime System:** Press the primer bulb several times until fuel is visible and flowing through the lines, and the bulb fills with fuel.
- **Check for Leaks:** Visually inspect all fuel line connections and the primer bulb area for any signs of fuel leakage. Address any leaks immediately.
- **Start Engine:** Reconnect the spark plug wire. Attempt to start the trimmer according to the original manufacturer's instructions.
- **Monitor Operation:** Listen for smooth engine operation. If the engine runs rough or stalls, refer to the troubleshooting section.

6. MAINTENANCE

Regular inspection and timely replacement of fuel system components are crucial for optimal trimmer performance.

- **Fuel Filter:** Inspect the fuel filter periodically (e.g., every 25 hours of operation or annually). Replace it if it appears clogged, discolored, or damaged. A clogged fuel filter can restrict fuel flow and cause engine performance issues.
- **Fuel Lines:** Check fuel lines for cracks, hardening, or signs of leakage. Replace them if any damage is observed. Old, brittle fuel lines are a common cause of fuel delivery problems.
- **Primer Bulb:** Inspect the primer bulb for cracks or loss of elasticity. If it does not draw fuel effectively or appears damaged, replace it.

7. TROUBLESHOOTING

If your trimmer experiences issues after replacing these components, consider the following:

Symptom	Possible Cause (Related to Fuel System)	Solution
Engine will not start or starts with difficulty.	No fuel reaching carburetor. Clogged fuel filter. Improperly connected fuel lines. Faulty primer bulb.	Check fuel tank level. Inspect and replace fuel filter if clogged. Verify fuel line connections and routing. Ensure primer bulb is functioning (drawing fuel).
Engine runs rough or stalls.	Restricted fuel flow (clogged filter, kinked line). Air leak in fuel lines or primer bulb.	Inspect fuel filter and lines for obstructions or damage. Ensure all connections are tight and secure.
Fuel leaks.	Loose or damaged fuel line connection. Cracked fuel line or primer bulb.	Tighten connections. Replace damaged components.

For issues unrelated to the fuel system components, consult your Ryobi trimmer's original instruction manual or a qualified service technician.

8. SPECIFICATIONS

Feature	Detail
Brand	HURI
Model Number	HSGD00740
Product Grade	Replacement Part
Compatible Trimmer Models	Ryobi 700r, 766r, 767rJ
Package Contents	2x Fuel Filters, 1x Primer Bulb, 2x 1-foot Fuel Lines
Item Weight	Approximately 1.92 ounces (0.12 Pounds)
Package Dimensions	2.76 x 2.76 x 0.98 inches

9. WARRANTY AND SUPPORT

As these are replacement parts, the warranty for the original Ryobi string trimmer is not affected by the installation of these components, provided they are installed correctly. For specific warranty information regarding the HURI replacement parts, please refer to the seller or manufacturer's terms of sale at the time of purchase.

For technical support or inquiries about these HURI parts, please contact your point of purchase.



