

HURI HSGD01048

HURI Air Filter, Fuel Line, and Fuel Filter Kit Instruction Manual

Brand: HURI | Model: HSGD01048

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your HURI Air Filter, Fuel Line, and Fuel Filter Kit. This kit is designed as a replacement part for various Bolens and Yard Machines trimmers and cultivators. Adhering to these instructions will help ensure the longevity and optimal performance of your equipment.

2. SAFETY INFORMATION

WARNING: Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when working with power tools and their components. Ensure the engine is off and cool before performing any maintenance or installation. Disconnect the spark plug wire to prevent accidental starting.

- Read and understand all instructions before installation or maintenance.
- Keep children and bystanders away from the work area.
- Handle fuel with extreme care. Store in approved containers and in a well-ventilated area.
- Dispose of old parts and fuel responsibly according to local regulations.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 2 x Fuel Filters
- 2 x Primer Bulbs
- 2 x 1-foot Fuel Lines

- 2 x Air Filters
- 1 x Spark Plug



Image 1: Components of the HURI Air Filter, Fuel Line, and Fuel Filter Kit. This image displays the various parts included in the kit, such as air filters, fuel filters, fuel lines, primer bulbs, and a spark plug, laid out for inspection.

4. COMPATIBILITY

This kit is compatible with the following models:

Bolens Models:

- BL100 (41BD100G765, 41AD100G065, 41AD100G965, 41BD100G965, 41CD100G163, 41CD100G765)
- BL150 (41BD150G163, 41BD150G765, 41AD150G065, 41AD150G965, 41BD150G965, 41CD150G163, 41CD150G765)
- BL250 (41AD25G-065, 41BD250G163, 41CD250G163)
- BL410 (21A-121R965, 21B-121R765, 21BK410G163)

Yard Man / Yard Machines Models:

- 21A-121R129, 31C-116-000

- 120R (21C-120R000)
- 121R (21A-121R700, 21A-121R900)
- 2800m (41AD280G000, 41AD280G900, 41BD280G900, 41BD280G000)
- Y28 (41ADY28G000, 41ADY28G900, 41BDY28G000)
- Y725 (41AD725C900)
- YM1000 (41ADY10G401, 41BDY10G401)
- YM1500 (41ADY15G701, 41CDY15G901, 41ADY15G401)
- YM320BV (41AS320G701, 41BS320G901, 41CS320G901)
- YM400 (41BDY40G701, 41BDY40G901, 41ADY40G401)
- YM70SS (41BDY70C901, 41CDY70C901)

5. INSTALLATION

Follow these general steps for replacing components. Specific procedures may vary slightly depending on your equipment model. Refer to your equipment's original manual for detailed disassembly and reassembly instructions.

5.1. Replacing the Air Filter

1. Locate the air filter cover on your engine.
2. Unclip or unscrew the cover and remove it.
3. Carefully remove the old air filter. Note its orientation.
4. Clean any debris from the air filter housing.
5. Install the new air filter, ensuring it fits snugly and in the correct orientation.
6. Replace the air filter cover and secure it.

5.2. Replacing Fuel Filters and Fuel Lines

1. Drain any remaining fuel from the fuel tank into an approved container.
2. Locate the fuel lines and fuel filter inside the fuel tank.
3. Carefully pull the old fuel lines and filter assembly out of the tank opening.
4. Disconnect the old fuel filter from the fuel line.
5. Attach a new fuel filter to one end of a new fuel line.
6. Feed the new fuel line and filter assembly into the fuel tank, ensuring the filter rests at the bottom of the tank.
7. Connect the other end of the fuel line to the carburetor or primer bulb as appropriate for your model.
8. Repeat for any additional fuel lines or primer bulbs.

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Video 1: Fuel Tank Assembly Overview. This video demonstrates the components and general handling of a fuel tank assembly, which is relevant for understanding how to replace fuel lines and filters within the tank.

5.3. Replacing the Spark Plug

1. Locate the spark plug on the engine cylinder head.
2. Carefully pull off the spark plug boot.
3. Use a spark plug wrench to loosen and remove the old spark plug.
4. Inspect the new spark plug for any damage.
5. Thread the new spark plug into the cylinder head by hand to prevent cross-threading.

6. Tighten the spark plug with the wrench, being careful not to overtighten.
7. Reattach the spark plug boot firmly.

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Video 2: WT-827 Carburetor Overview. This video provides a detailed look at the WT-827 Carburetor, a component often found in compatible equipment. While this kit does not include a carburetor, understanding its structure can be helpful when connecting new fuel lines or troubleshooting fuel delivery issues.

6. OPERATION

After installing the new components, ensure all connections are secure and there are no fuel leaks. Fill the fuel tank with the appropriate fuel mixture (if applicable for 2-stroke engines) as specified by your equipment manufacturer. Prime the engine using the primer bulb until fuel is visible in the bulb, then start the engine according to your equipment's operating instructions.

7. MAINTENANCE

Regular maintenance of these components is crucial for optimal performance and engine longevity.

- **Air Filter:** Inspect the air filter regularly (e.g., every 10-20 hours of operation or seasonally). Clean or replace it if it appears dirty or clogged. A dirty air filter can restrict airflow, leading to poor engine performance and increased fuel consumption.
- **Fuel Filter:** Replace the fuel filter annually or if you notice a decrease in engine power or erratic operation, which could indicate a clogged filter.
- **Spark Plug:** Inspect the spark plug annually or every 25-50 hours of operation. Replace it if the electrodes are worn, fouled, or if the engine experiences starting difficulties or misfires.
- **Fuel Lines:** Periodically check fuel lines for cracks, hardening, or leaks. Replace them immediately if any damage is observed to prevent fuel leaks and potential fire hazards.

8. TROUBLESHOOTING

If you encounter issues after installing the kit, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Engine won't start	No fuel reaching carburetor, fouled spark plug, clogged air filter	Check fuel lines for kinks, ensure fuel filter is clean, replace spark plug, clean/replace air filter. Ensure primer bulb is working.
Engine runs poorly/lacks power	Clogged air filter, dirty fuel filter, incorrect fuel mixture	Clean or replace air filter, replace fuel filter, verify correct fuel-to-oil ratio for 2-stroke engines.
Fuel leaks	Loose fuel line connections, cracked fuel line, damaged primer bulb	Tighten all fuel line connections, replace any damaged fuel lines or primer bulbs.

9. SPECIFICATIONS

- **Brand:** HURI

- **Product Grade:** Replacement Part
- **Outer Material:** Plastic
- **Vehicle Service Type:** Lawn Mower, Trimmer, Cultivator
- **Item Weight:** Approximately 4 ounces (total kit)
- **Manufacturer Part Number:** HSGD01048

10. WARRANTY AND SUPPORT

No specific warranty information is provided with this product. For support or inquiries regarding this HURI replacement kit, please contact your retailer or the manufacturer directly.