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> HURI Carburetor Instruction Manual

## HURI HSGD00336

# HURI Carburetor Instruction Manual

Model: HSGD00336

Brand: HURI

## 1. PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your HURI Carburetor. This carburetor is designed as a replacement part for specific gasoline generators, ensuring proper fuel-air mixture for optimal engine performance.



Figure 1: Complete HURI Carburetor replacement kit, including the carburetor unit, various gaskets, an intake manifold, an air filter, and a fuel filter.

## 2. SAFETY INFORMATION

Always prioritize safety when working with fuel systems and power equipment. Failure to follow these instructions may result in property damage, serious injury, or death.

- Ensure the generator is turned off and cooled down before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Work in a well-ventilated area to avoid inhaling fuel fumes.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Handle gasoline with extreme care. It is highly flammable.
- Keep fire extinguishers readily available.
- If you are unsure about any step, consult a qualified technician.

## 3. PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- 1 x Carburetor unit
- 1 x Intake manifold
- 3 x Gaskets (various shapes)
- 1 x Air filter
- 1 x Fuel filter

## 4. COMPATIBILITY

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This HURI Carburetor is specifically designed as a replacement part for the following gasoline generator models:

- UST GG2300
- UST GG3500
- UST GG4200

It is compatible with 5.5HP, 6.5HP, and 7HP gasoline engines found in these generator models.

## 5. SETUP AND INSTALLATION

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Carburetor replacement requires mechanical aptitude. If you are not comfortable performing this procedure, it is recommended to seek professional assistance. Refer to your generator's specific service manual for detailed removal and installation steps.

### Required Tools (Not Included):

- Socket wrench set
- Screwdriver set
- Pliers
- Fuel line clamps
- Clean rags

### Installation Steps (General Guide):

1. **Preparation:** Ensure the generator is off, cool, and the fuel tank is empty or fuel line is clamped. Disconnect the spark plug wire.
2. **Remove Air Filter Assembly:** Carefully detach the existing air filter housing and air filter.
3. **Disconnect Fuel Line:** Use pliers to remove the fuel line clamp and disconnect the fuel line from the old carburetor. Be prepared for residual fuel spillage.
4. **Disconnect Linkages:** Carefully note and disconnect any throttle linkages, choke linkages, and springs attached to the carburetor. Taking photos before disassembly can be helpful.
5. **Remove Old Carburetor:** Unbolt the carburetor from the engine block or intake manifold. Remove any old gaskets.
6. **Install New Gaskets and Intake Manifold:** Place the new gaskets in their correct positions between the engine, intake manifold, and new carburetor. Ensure surfaces are clean.
7. **Mount New Carburetor:** Secure the new HURI carburetor to the engine/intake manifold using the original bolts. Do not overtighten.
8. **Reconnect Linkages:** Reattach all throttle and choke linkages and springs to the new carburetor. Verify smooth operation.
9. **Reconnect Fuel Line:** Attach the fuel line to the new carburetor and secure it with a clamp. Install the new fuel filter inline if replacing.

10. **Install New Air Filter Assembly:** Place the new air filter and reassemble the air filter housing.

11. **Final Checks:** Double-check all connections, ensure no tools are left in the engine compartment, and reconnect the spark plug wire.

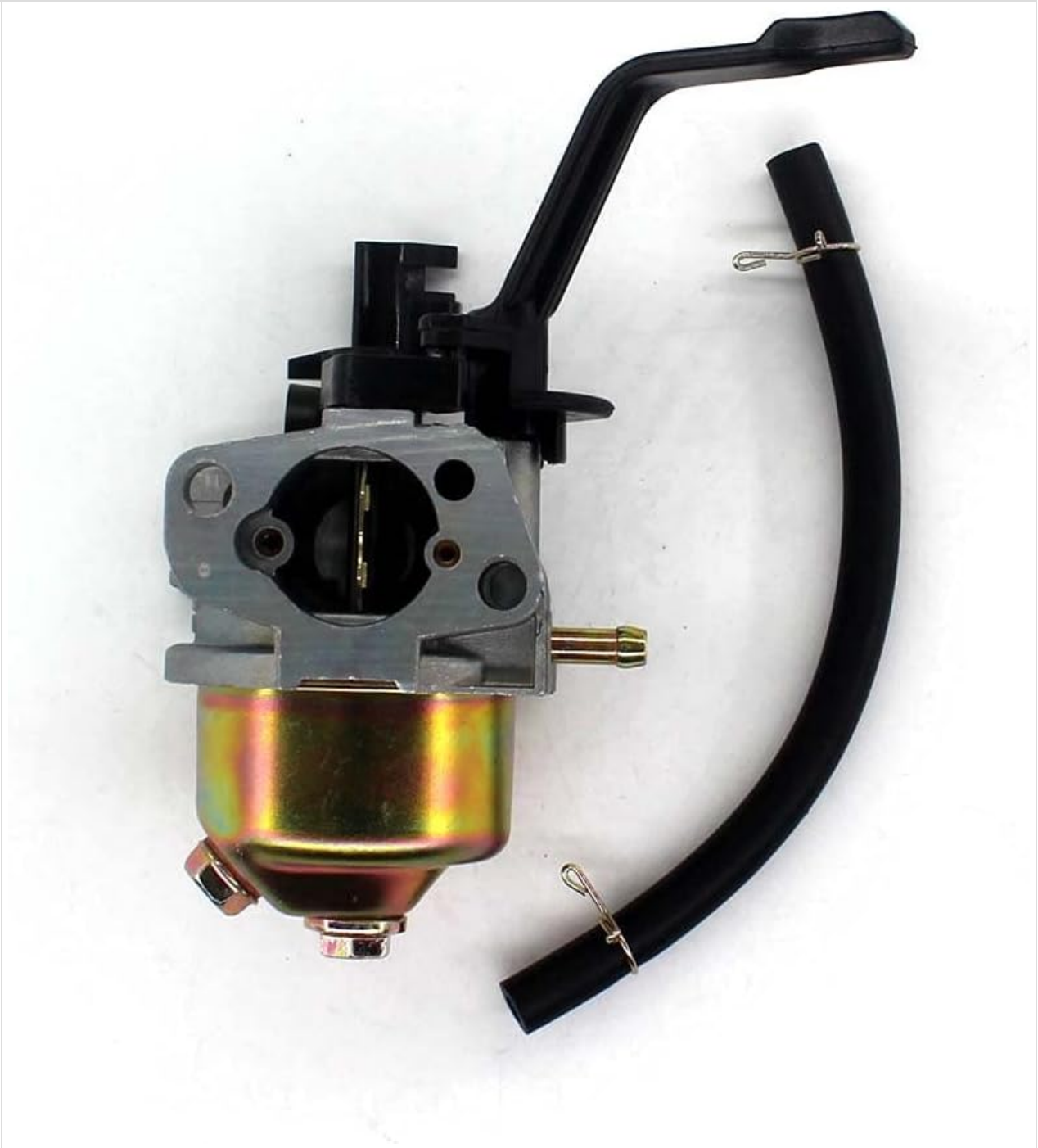




Figure 2: Various views of the HURI Carburetor, illustrating connection points for fuel lines and linkages, crucial for proper installation.

## 6. OPERATING PRINCIPLES

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The carburetor is a critical component responsible for mixing air and fuel in the correct ratio for combustion within the engine. Once properly installed, the carburetor functions automatically as part of the generator's fuel system.

- Ensure fresh, clean gasoline is used in the generator's fuel tank.
- Regularly check the fuel filter for clogs and replace as needed to prevent debris from reaching the carburetor.
- The air filter must be clean to allow proper airflow into the carburetor. A dirty air filter can cause rich fuel mixtures and poor performance.

## 7. MAINTENANCE

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Proper maintenance extends the life of your carburetor and ensures reliable generator operation.

- **Fuel Quality:** Always use fresh, clean, and ethanol-free gasoline if possible. Stale fuel or fuel with high ethanol content can cause deposits and corrosion within the carburetor.

- **Fuel Filter:** Replace the fuel filter annually or more frequently if the generator is used often or with questionable fuel.
- **Air Filter:** Clean or replace the air filter regularly according to your generator's maintenance schedule. A clogged air filter can lead to carburetor issues.
- **Storage:** Before long-term storage, drain the fuel from the carburetor bowl or run the engine until it runs out of fuel to prevent gumming and varnish buildup. Alternatively, use a fuel stabilizer.
- **Cleaning:** If performance issues arise due to fuel contamination, the carburetor may need to be disassembled and cleaned with a specialized carburetor cleaner. This is an advanced procedure.

## 8. TROUBLESHOOTING

If your generator experiences issues after carburetor replacement, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Generator won't start or starts hard	No fuel reaching carburetor Clogged fuel filter Improper choke setting Loose spark plug wire	Check fuel level; ensure fuel valve is open. Replace fuel filter. Adjust choke lever. Ensure spark plug wire is securely connected.
Engine runs rough or stalls	Dirty air filter Stale or contaminated fuel Improperly connected linkages Minor carburetor clog	Clean or replace air filter. Drain old fuel, refill with fresh fuel. Verify all linkages are correctly attached and move freely. Consider professional carburetor cleaning.
Fuel leaks from carburetor	Damaged or improperly seated gasket Loose bolts Damaged fuel line	Inspect and replace gaskets; ensure proper seating. Tighten mounting bolts (do not overtighten). Inspect fuel lines for cracks or damage; replace if necessary.

For issues not resolved by these steps, it is advisable to consult a certified small engine mechanic or the generator manufacturer's support.

## 9. SPECIFICATIONS

Attribute	Detail
Brand	HURI
Model Number	HSGD00336
Item Weight	10.1 ounces
Package Dimensions	4.84 x 4.37 x 2.83 inches
Fuel Type	Gasoline
Date First Available	January 15, 2016

## 10. WARRANTY AND SUPPORT

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### Return Policy:

This product is subject to a 30-day return policy from the date of purchase. Please refer to the retailer's return policy for specific terms and conditions regarding refunds or replacements.

### Customer Support:

For technical assistance, questions regarding installation, or to report a defective product, please contact the seller or manufacturer directly. Provide your product model number (HSGD00336) and purchase details when seeking support. Seller: [HURIPARTS](#) (via Amazon)

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