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CLSR2U 640084B

CLSR2U 640084B Carburetor Kit Instruction Manual

For Tecumseh Engines and Snowblowers

1. PRODUCT OVERVIEW

The CLSR2U 640084B Carburetor Kit is a replacement part designed to ensure optimal fuel-air mixture for internal combustion engines, particularly in snowblowers. A properly functioning carburetor is crucial for the engine to receive the correct fuel-air ratio for efficient operation.

Included Components:

- Snowblower Carburetor x 1
- Spark Plug x 1
- Primer Bulb x 1
- Fuel Filter x 1
- Fuel Shutoff Valve x 1
- Fuel Line x 1
- Primer Line x 1
- Gasket x 1
- Large Clamp x 4
- Small Clip x 4

Product Visuals and Components:

Package Includes



Carburetor
x 1



Primer Bulb
x 1



Fuel Filter
x 1



Gasket
x 1



Spark Plug
x 1



Fuel Line x 1
Primer Line x 1



Large Clamp
x 4



Fuel Shutoff Valve
x 1



Small Clip
x 4

Image: All components included in the CLSR2U 640084B Carburetor Kit, including the carburetor, spark plug, primer bulb, fuel filter, fuel shutoff valve, fuel lines, gaskets, and clamps.

Product Details

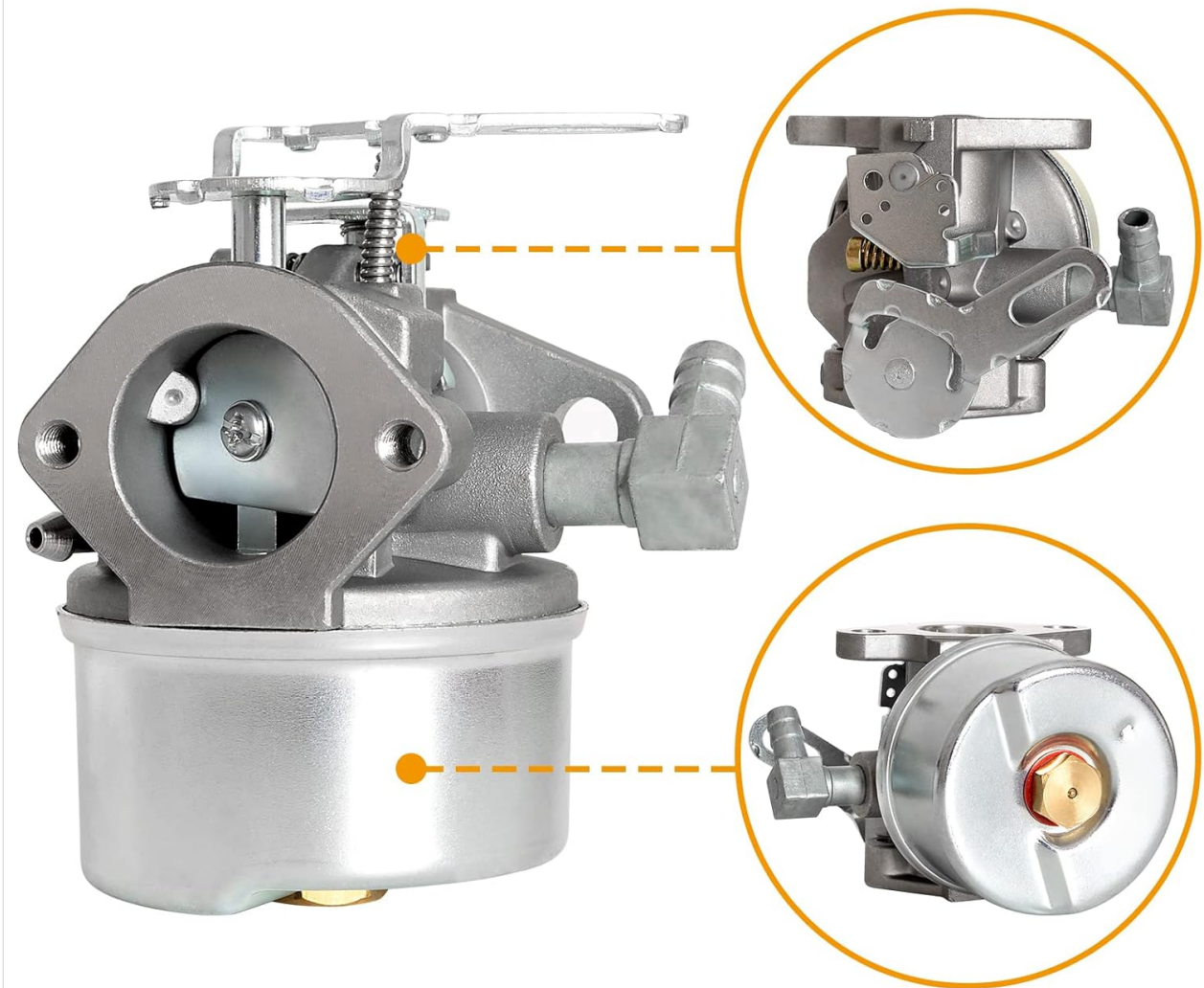


Image: Detailed views of the CLSR2U 640084B Carburetor, highlighting its various ports and adjustment points.

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Video: An unboxing and close-up view of the 640084B Carburetor kit, demonstrating the included parts and the carburetor's features.

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Video: A detailed look at the Carburetor for Tecumseh 632107A 632107 640084B 640084A TORO, showcasing its design and components.

Compatibility:

This carburetor kit is compatible with various Tecumseh engines and snowblower models. Please verify your original part number before purchase to ensure compatibility.

- **Snowblower Models:** Toro 521, 524, 38052, 38052C, 38054; Ariens ST524, ST520, ST520E, ST504.
- **Tecumseh Engine Models:** HS50, HS50-67201F, HS50-67267F, HS50-67074C, HSSK50, HSSK50-67324N, HSSK50-67403U, HSSK55, HSSK50-67324M, LH195SP-67514D, LH195SP-67524D, LH195SA.
- **Replaces Part Numbers:** 640084, 640084A, 640084B, 632107, 632107A.
- **Compatible Brands:** Toro, Craftsman, MTD, Ariens, John Deere JD, Troy-Bilt, Simplicity, Sears, Yard Machine, Yardman, Murray, etc. (for 5hp, 5.5 hp Tecumseh engine snowblowers).

Popular Compatible Models

Snow Blower:

✓ Toro: 521, 524, 38040, 38045, 38050, 38051, 38052, 38052C, 38054, 38056, 38056C, 38072, 38073, 38605

Engine:

✓ Tecumseh 4 cycle horizontal engine: HS50, HSSK50, HSSK55, LH195SA, LH195SP

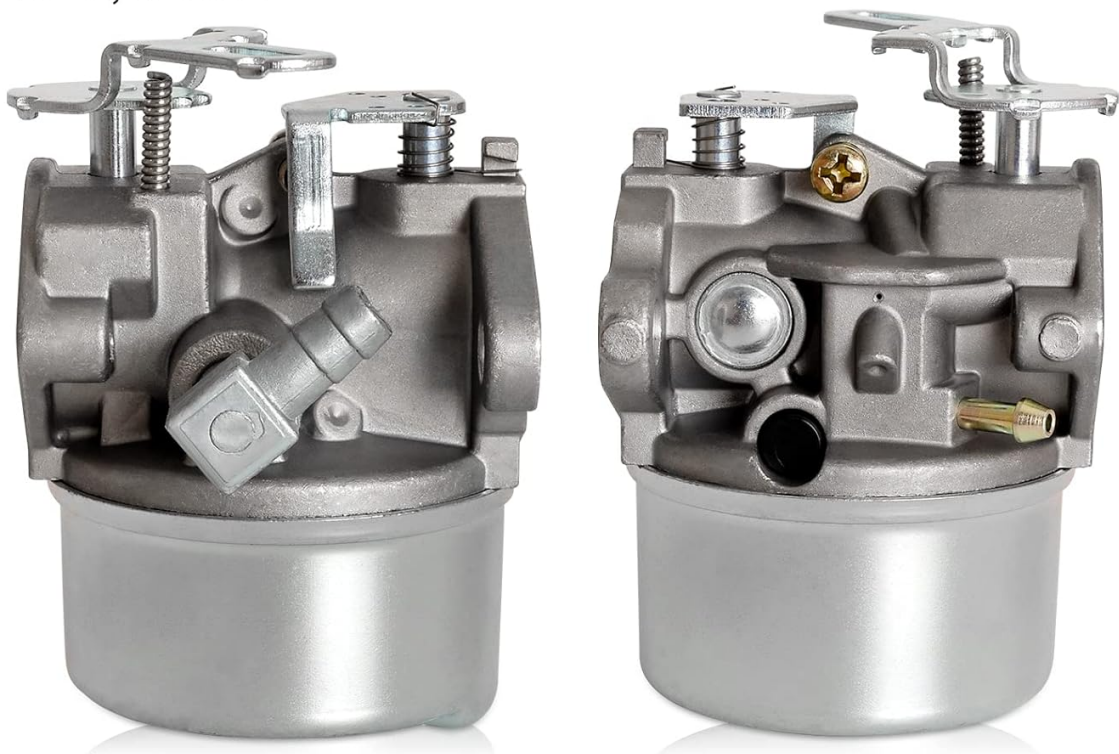


Image: A visual representation of popular compatible snowblower and Tecumseh engine models for this carburetor kit.

2. INSTALLATION

Safety First: Always ensure the engine is off, cool, and the spark plug wire is disconnected before beginning any installation or maintenance. Refer to your snowblower's specific service manual for detailed safety precautions and procedures.

General Installation Steps:

1. **Preparation:** Gather necessary tools. Ensure you have a clean workspace.
2. **Drain Fuel:** Drain the fuel tank and carburetor bowl to prevent spills.
3. **Remove Air Filter Assembly:** Carefully remove the air filter housing and any associated components to access the carburetor.
4. **Disconnect Linkages and Hoses:** Disconnect the throttle linkage, choke linkage, fuel line, and any other hoses connected to the old carburetor. Note their positions for reassembly.
5. **Remove Old Carburetor:** Unbolt the old carburetor from the engine. Remove and discard old gaskets.

6. **Install New Carburetor:** Install the new carburetor using the provided gaskets. Ensure a tight seal.
7. **Reconnect Components:** Reconnect all linkages and hoses to their correct positions. Use the new fuel lines and clamps provided.
8. **Install Spark Plug:** Replace the old spark plug with the new one provided in the kit.
9. **Reassemble Air Filter:** Reinstall the air filter assembly.
10. **Refill Fuel:** Refill the fuel tank with fresh, clean fuel.
11. **Test Engine:** Start the engine and check for proper operation, leaks, and smooth idling. Adjust as necessary.



640084B Carburetor

Replaces 640084, 640084A,
632107, 632107A.

Image: The 640084B Carburetor installed on a snowblower engine, demonstrating its placement and connection points.

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Video: A demonstration of the 640084B Carburetor for Tecumseh Engine, showing its features and potential installation context.

3. OPERATION

Once installed, the carburetor automatically mixes fuel and air for the engine. The choke lever (if applicable) is used to enrich the fuel mixture for cold starts. The throttle linkage controls engine speed by regulating the

amount of air-fuel mixture entering the engine.

Adjustments:

The carburetor may have adjustment screws for idle speed and fuel mixture. These are typically factory-set but may require fine-tuning after installation for optimal performance. Consult a qualified technician if you are unsure about making these adjustments.

4. MAINTENANCE

Regular maintenance of your carburetor and fuel system is essential for prolonging engine life and ensuring reliable operation.

- **Use Fresh Fuel:** Always use fresh, clean gasoline. Stale fuel can cause deposits and clog carburetor jets.
- **Fuel Stabilizer:** Use a fuel stabilizer if the equipment will be stored for an extended period (e.g., off-season).
- **Replace Fuel Filter:** Regularly inspect and replace the fuel filter to prevent contaminants from reaching the carburetor.
- **Clean Carburetor:** If the engine runs poorly, the carburetor may need cleaning. This often involves disassembling the carburetor and cleaning jets and passages with carburetor cleaner.
- **Inspect Gaskets and Hoses:** Periodically check all gaskets and fuel lines for cracks, leaks, or deterioration and replace as needed.

5. TROUBLESHOOTING

If your engine is experiencing 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
Engine runs rough/stalls	Clogged carburetor jets, improper fuel mixture, air leak in gaskets	Clean carburetor, adjust fuel mixture, check and replace gaskets
Engine lacks power	Restricted air filter, incorrect fuel mixture, worn spark plug	Clean/replace air filter, adjust fuel mixture, replace spark plug
Fuel leaks	Loose connections, damaged fuel lines, faulty carburetor bowl gasket	Tighten connections, replace fuel lines, replace carburetor bowl gasket

6. SPECIFICATIONS

Feature	Detail
Brand	CLSR2U
Model Number	640084B
OEM Part Number	640084B
Vehicle Service Type	Snow Blower
Recommended Uses	Snowblower
Item Weight	11.7 ounces
Package Dimensions	4.37 x 3.5 x 3.23 inches

7. WARRANTY AND SUPPORT

Specific warranty details for the CLSR2U 640084B Carburetor Kit are not provided in this manual. Please refer to the product packaging or contact the retailer for warranty information.

For technical support or further assistance, please consult your equipment's original manufacturer's manual or contact a certified service technician.