



Manuals.plus /

› **FIXED UP FINDS** /

› FIXED UP FINDS Carburetor Instruction Manual for Yard Machines MTD Snow Blower Model 316E640F000

FIXED UP FINDS 316E640F000

FIXED UP FINDS Carburetor Instruction Manual

FOR YARD MACHINES MTD SNOW BLOWER MODEL 316E640F000

Introduction

This manual provides instructions for the installation and maintenance of the FIXED UP FINDS Carburetor, specifically designed for Yard Machines and MTD Snow Blower Model 316E640F000.

This carburetor is a direct replacement part, engineered to ensure optimal performance and efficiency for your snow blower's engine.

Safety Information

Always prioritize safety when working with power equipment and fuel. Adhere to the following guidelines:

- Always disconnect the spark plug wire before performing any maintenance or installation to prevent accidental starting.
- Work in a well-ventilated area to avoid inhaling fuel fumes.
- Handle fuel with extreme care. Store it in approved containers and away from ignition sources.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, during installation and maintenance.
- Refer to your snow blower's original owner's manual for specific safety guidelines and operating procedures.

Package Contents

Before beginning installation, please verify that all components listed below are present in your package:



Image: The complete carburetor kit, featuring the main carburetor unit, a red primer bulb, a red fuel filter, a black fuel line, a gray gasket, and two small metal clamps.

- Carburetor Assembly
- Primer Bulb (Red)
- Fuel Filter (Red)
- Fuel Line (Black)
- Gasket
- Clamps (2)

Installation Instructions

This carburetor is designed for direct replacement. Ensure the engine is cool and the spark plug wire is disconnected before proceeding with installation.

1. **Preparation:** Drain the fuel tank completely. Remove the air filter housing and any engine shrouds that obstruct access to the old carburetor.
2. **Disconnect Components:** Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor. Note their positions for reassembly.
3. **Remove Old Carburetor:** Unbolt the old carburetor from the engine manifold. Remove and discard the old gasket.
4. **Install New Gasket:** Place the new gasket provided with this kit onto the engine manifold, ensuring proper alignment.
5. **Mount New Carburetor:** Position the new FIXED UP FINDS carburetor onto the manifold, aligning it with the bolt holes. Secure it with the original bolts, tightening them evenly to prevent air leaks.
6. **Reconnect Components:** Reattach the throttle linkage, choke linkage, and fuel line to the new

carburetor. Use the new fuel line and clamps if the old ones show signs of wear or damage.

7. **Install Primer Bulb and Fuel Filter:** Replace the old primer bulb and fuel filter with the new ones provided, ensuring proper connection to the fuel lines.
8. **Final Checks:** Reinstall the air filter housing and any removed shrouds. Refill the fuel tank with fresh, clean fuel.
9. **Verification:** Before attempting to start the engine, carefully verify all connections are secure and there are no fuel leaks.

Important: For a perfect fit and optimal performance, always verify the product's dimensions and compare with your existing part before installation. Refer to your snow blower's service manual for detailed removal and installation procedures specific to your model.

Operating the Snow Blower

This carburetor is a critical component of your snow blower's engine, responsible for mixing air and fuel for combustion. Once properly installed, the overall operation of your snow blower remains consistent with its original design.

For detailed instructions on starting, operating, and shutting down your snow blower, please refer to the original owner's manual provided by Yard Machines or MTD for Model 316E640F000. This manual will provide specific guidance on choke settings, primer bulb usage, and other operational procedures.

Maintenance

Proper maintenance is essential to extend the life of your carburetor and ensure reliable snow blower operation, especially during cold weather.

- **Fuel Quality:** Always use fresh, clean gasoline. Stale or contaminated fuel is a leading cause of carburetor issues. Consider using a fuel stabilizer, especially during off-season storage, to prevent fuel degradation and gumming.
- **Fuel Filter:** Regularly inspect and replace the fuel filter (included in this kit) to prevent debris and contaminants from entering the carburetor, which can cause blockages.
- **Storage:** Before long-term storage (e.g., at the end of winter), it is recommended to run the engine until it runs out of fuel, or drain the fuel tank and carburetor bowl. This prevents old fuel from varnishing and clogging internal passages.
- **Cleaning:** If performance issues arise that suggest a clogged carburetor, it may require cleaning. This typically involves disassembling the carburetor and cleaning jets and passages with a specialized carburetor cleaner. This procedure should only be performed by individuals with mechanical experience.

Troubleshooting Common Issues

If your snow blower experiences issues after carburetor replacement, consider the following common troubleshooting steps:

- **Engine Not Starting:**
 - Ensure there is fresh fuel in the tank and the fuel valve (if present) is in the 'ON' position.
 - Check for proper spark plug connection and condition. A fouled or loose spark plug can prevent starting.

- Verify all fuel lines are correctly connected, not kinked, and free of blockages.
 - Confirm the primer bulb is functioning and effectively priming the carburetor with fuel.
 - Check for air leaks around the carburetor gasket, which can prevent proper fuel-air mixture.
- **Rough Idle or Stalling:**
 - Inspect the fuel filter for clogs or debris.
 - Ensure choke and throttle linkages are moving freely and are correctly adjusted.
 - Check for vacuum leaks around the carburetor or intake manifold.
- **Fuel Leaks:**
 - Tighten all fuel line clamps securely.
 - Inspect the carburetor bowl gasket and fuel lines for any cracks, tears, or damage.
 - Ensure the carburetor mounting bolts are tightened evenly to prevent gasket leaks.

Product Specifications

Feature	Detail
Brand	FIXED UP FINDS
Model Compatibility	Yard Machines MTD Snow Blower Model 316E640F000
Part Number (MPN)	316E640F000 (Ensures perfect fit)
ASIN	B0DHPT8MNP
UPC	669995089270

Warranty Information

For specific warranty details regarding this FIXED UP FINDS carburetor, please refer to the product packaging or contact the seller directly. It is recommended to keep your proof of purchase for any warranty claims.

Customer Support

If you require further assistance with installation, troubleshooting, or have questions about this product, please contact FIXED UP FINDS customer support or the retailer from whom you purchased the item. Provide your product model number and purchase details for efficient service.