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› FEL-PRO 60159 Carburetor Mounting Gasket Instruction Manual

**Fel-Pro 60159**

# FEL-PRO 60159 Carburetor Mounting Gasket Instruction Manual

## 1. INTRODUCTION

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This manual provides essential instructions for the proper installation and care of your FEL-PRO 60159 Carburetor Mounting Gasket. This gasket is designed to provide a reliable seal between the carburetor and the intake manifold, preventing vacuum leaks and ensuring optimal engine performance. Fel-Pro gaskets are engineered with application-specific materials to deliver dependable sealing solutions.

**Product Features:**

- Engineered to meet or exceed all original equipment specifications.
- Designed for 100% vehicle sealing.
- Proprietary design, engineering, and manufacturing processes ensure high quality.



*Image 1: FEL-PRO 60159 Carburetor Mounting Gasket. This image displays the gasket itself, highlighting its shape and material, ready for installation between the carburetor and intake manifold.*

## 2. INSTALLATION INSTRUCTIONS

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**Important Safety Information:** Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when working on your vehicle. Ensure the engine is cool and the battery is disconnected before beginning any work. Refer to your vehicle's specific service manual for detailed carburetor removal and installation procedures.

### 2.1 Tools Required

- Socket wrench set
- Screwdrivers
- Torque wrench
- Gasket scraper or plastic razor blade
- Clean rags
- Carburetor cleaner (optional)

### 2.2 Installation Steps

1. **Preparation:** Disconnect the negative terminal of the vehicle's battery. Allow the engine to cool completely.
2. **Remove Air Cleaner:** Detach the air cleaner assembly from the carburetor.
3. **Disconnect Components:** Carefully disconnect all fuel lines, vacuum lines, electrical connectors, and throttle linkage from the carburetor. Label them if necessary to aid reassembly.
4. **Remove Carburetor:** Loosen and remove the nuts or bolts securing the carburetor to the intake manifold. Carefully lift the carburetor off the manifold.
5. **Clean Mounting Surfaces:** Thoroughly clean both the intake manifold and carburetor mounting surfaces. Use a gasket scraper or plastic razor blade to remove all traces of the old gasket material. Ensure surfaces are smooth, dry, and free of debris or oil. *Do not scratch or gouge the mating surfaces.*
6. **Position New Gasket:** Place the new FEL-PRO 60159 Carburetor Mounting Gasket onto the intake manifold studs, ensuring it aligns correctly with all bolt holes and passages.
7. **Install Carburetor:** Carefully lower the carburetor onto the new gasket and intake manifold studs.
8. **Secure Carburetor:** Install the carburetor mounting nuts or bolts. Tighten them gradually and evenly in a crisscross pattern to the manufacturer's specified torque settings. Overtightening can damage the gasket or carburetor.
9. **Reconnect Components:** Reconnect all fuel lines, vacuum lines, electrical connectors, and throttle linkage that were previously removed. Double-check all connections for security.
10. **Install Air Cleaner:** Reinstall the air cleaner assembly.
11. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.

### 3. POST-INSTALLATION CHECKS

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After installing the gasket and reassembling the components, perform the following checks:

- **Visual Inspection:** Ensure all connections are secure and there are no visible leaks around the carburetor base.
- **Start Engine:** Start the engine and allow it to reach operating temperature.
- **Check for Leaks:** While the engine is running, carefully check for any fuel or vacuum leaks around the carburetor base. Listen for hissing sounds indicating a vacuum leak.
- **Test Drive:** Perform a short test drive to ensure proper engine operation and responsiveness.

### 4. MAINTENANCE

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Carburetor mounting gaskets are generally maintenance-free components once properly installed. However, it is advisable to periodically inspect the area around the carburetor base for any signs of leaks or deterioration, especially during routine engine maintenance. If any leaks are detected, the gasket may need to be replaced.

### 5. TROUBLESHOOTING

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If you experience issues after installing the FEL-PRO 60159 Carburetor Mounting Gasket, consider the following:

- **Vacuum Leaks (Hissing Sound, Rough Idle):**

- Ensure carburetor mounting bolts are tightened to specification.
  - Verify that the gasket is correctly seated and not pinched or damaged.
  - Check for other potential vacuum leaks in connected hoses.
- **Fuel Leaks:**
    - Confirm fuel lines are securely connected and not damaged.
    - Re-check carburetor mounting bolt torque.
    - Inspect the gasket for any tears or improper seating.
  - **Poor Engine Performance (Stalling, Hesitation):**
    - A significant vacuum leak can cause these symptoms. Re-evaluate the gasket installation and check for leaks.
    - Ensure all vacuum lines and electrical connections to the carburetor are properly reconnected.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified automotive technician.

## 6. SPECIFICATIONS

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Attribute	Detail
Brand	Fel-Pro
Model Number	60159
ASIN	B000C2ACTK
GTIN/UPC	084113804120
Country of Origin	USA
Item Weight	45 g
Unit Count	1 Count
Compatibility	Fits various Chrysler models (e.g., 1967-1971 Chrysler 300, Imperial, New Yorker) and Dodge Dart. <i>Always verify fitment for your specific vehicle.</i>

## 7. WARRANTY INFORMATION

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For detailed warranty information regarding the FEL-PRO 60159 Carburetor Mounting Gasket, please refer to the official Fel-Pro manufacturer's website or contact their customer service directly. Warranty terms and conditions may vary.

## 8. SUPPORT AND CONTACT

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If you require further assistance or have questions not covered in this manual, please visit the official Fel-Pro website for support resources, FAQs, and contact information. Always provide your product model number (60159) when seeking support.

