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## Fel-Pro 60759

# FEL-PRO 60759 Throttle Body Gasket User Manual

Model: 60759

## INTRODUCTION

The FEL-PRO 60759 Throttle Body Gasket is engineered to provide a reliable seal for your vehicle's throttle body. This gasket is designed to meet or exceed original equipment specifications, ensuring a precise fit and optimal performance in the repair environment. It is crucial for maintaining proper air intake and preventing vacuum leaks, which can affect engine efficiency and performance.



Image: The FEL-PRO 60759 Throttle Body Gasket, showing its distinct shape and material.

## INSTALLATION GUIDE

Proper installation of the throttle body gasket is essential for preventing leaks and ensuring the correct function of your engine's air intake system. Always refer to your vehicle's specific service manual for detailed instructions and torque specifications.

### Tools and Materials Required:

- New FEL-PRO 60759 Throttle Body Gasket
- Socket wrench set
- Torque wrench
- Gasket scraper or plastic razor blade
- Clean rags or shop towels
- Brake cleaner or appropriate degreaser
- Safety glasses and gloves

### Installation Steps:

1. **Safety First:** Ensure the engine is cool and disconnect the vehicle's battery to prevent accidental electrical issues.
2. **Access the Throttle Body:** Locate the throttle body, typically mounted on the intake manifold. You may need to remove air intake hoses, electrical connectors, and vacuum lines connected to it. Label or photograph connections for easier reassembly.

3. **Remove Old Gasket:** Carefully unbolt the throttle body from the intake manifold. Once removed, gently pry the throttle body away. The old gasket will likely be stuck to either the throttle body or the manifold.
4. **Clean Mating Surfaces:** Using a gasket scraper or plastic razor blade, meticulously clean both the throttle body and intake manifold mating surfaces. Remove all traces of the old gasket material, carbon deposits, and grime. Ensure surfaces are smooth and free of nicks or scratches. Use brake cleaner or degreaser on a rag to wipe down the surfaces, ensuring they are completely dry and oil-free.
5. **Install New Gasket:** Position the new FEL-PRO 60759 gasket onto the intake manifold or the throttle body, ensuring it aligns perfectly with all bolt holes and air passages. The gasket is designed for a specific fit, so ensure correct orientation.
6. **Reinstall Throttle Body:** Carefully place the throttle body back onto the intake manifold, aligning it with the gasket and bolt holes. Insert the mounting bolts and hand-tighten them.
7. **Torque Bolts:** Using a torque wrench, tighten the throttle body mounting bolts to the manufacturer's specified torque settings. Tighten in a crisscross or star pattern to ensure even pressure and prevent warping. Refer to your vehicle's service manual for exact torque specifications.
8. **Reconnect Components:** Reattach all electrical connectors, vacuum lines, and air intake hoses that were removed in step 2. Ensure all connections are secure.
9. **Reconnect Battery:** Reconnect the vehicle's battery.
10. **Test:** Start the engine and check for any air leaks around the throttle body. Listen for hissing sounds and visually inspect the area. A smoke test can also be performed for thorough leak detection.



Image: A general view of a gasket being installed on an engine component, illustrating the careful alignment required.

## OPERATION AND FUNCTION

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The FEL-PRO 60759 Throttle Body Gasket serves as a critical seal between the throttle body and the intake manifold. Its primary function is to prevent unmetered air from entering the engine's intake system, ensuring that all air passing into the engine is accurately measured by the mass airflow sensor. This precise sealing is vital for maintaining the correct air-fuel mixture, which directly impacts engine performance, fuel efficiency, and emissions control. A properly sealed throttle body prevents vacuum leaks that can lead to rough idling, poor acceleration, and illuminated check engine lights.

## MAINTENANCE

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Throttle body gaskets are generally maintenance-free components once properly installed. However, periodic inspection of the throttle body area during routine vehicle maintenance can help identify potential issues early. Look for signs of oil residue, dirt accumulation, or any visible damage around the gasket mating surfaces. If a vacuum leak is suspected (e.g., rough idle, unusual engine noises), the gasket should be inspected and replaced if necessary. The durable design of the FEL-PRO 60759 gasket is intended for long-term reliability in the automotive environment.

## TROUBLESHOOTING

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If you experience issues after installing or while using the FEL-PRO 60759 Throttle Body Gasket, consider the following common problems and solutions:

Problem	Possible Cause	Solution
<b>Vacuum Leak Symptoms</b> (e.g., rough idle, high idle, P0171/P0174 codes)	Improper gasket installation, damaged gasket, dirty mating surfaces.	Re-inspect gasket installation. Ensure mating surfaces are clean and smooth. Re-torque bolts to specification. Replace gasket if damaged.
<b>Check Engine Light (CEL)</b>	Often related to vacuum leaks or issues with air-fuel mixture due to improper sealing.	Scan for diagnostic trouble codes (DTCs). Address any vacuum leaks. Ensure all electrical connectors and vacuum lines are securely reattached.
<b>Poor Engine Performance</b> (e.g., hesitation, reduced power)	Unmetered air entering the engine due to a faulty seal.	Verify proper gasket installation and seal integrity. Check for other related issues in the air intake system.

## SPECIFICATIONS

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**Brand:** Fel-Pro

**Model Number:** 60759

**Part Type:** Throttle Body Gasket

**Material:** Application-specific materials for optimal sealing

**Weight:** Approximately 0.8 ounces

**UPC:** 084113807992

**Compliance:** Meets or exceeds all original equipment specifications

## WARRANTY AND SUPPORT

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FEL-PRO products are manufactured to high-quality standards and are backed by the manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the official Fel-Pro website or contact their customer service directly. When contacting support, please have your product model number (60759) and purchase information readily available.



Image: The official Fel-Pro brand logo, representing quality automotive sealing products.