

[Manuals.plus](#) /

› [Fel-Pro](#) /

› FEL-PRO 61557 Throttle Body Gasket Instruction Manual

Fel-Pro 61557

FEL-PRO 61557 Throttle Body Gasket Instruction Manual

Model: 61557

1. PRODUCT OVERVIEW

The FEL-PRO 61557 Throttle Body Gasket is an essential component designed to provide a reliable seal between the throttle body and the intake manifold. This gasket ensures proper air intake and prevents vacuum leaks, which are critical for optimal engine performance and fuel efficiency. Manufactured by Fel-Pro, this gasket meets or exceeds original equipment specifications, offering durability and a precise fit for the intended applications.

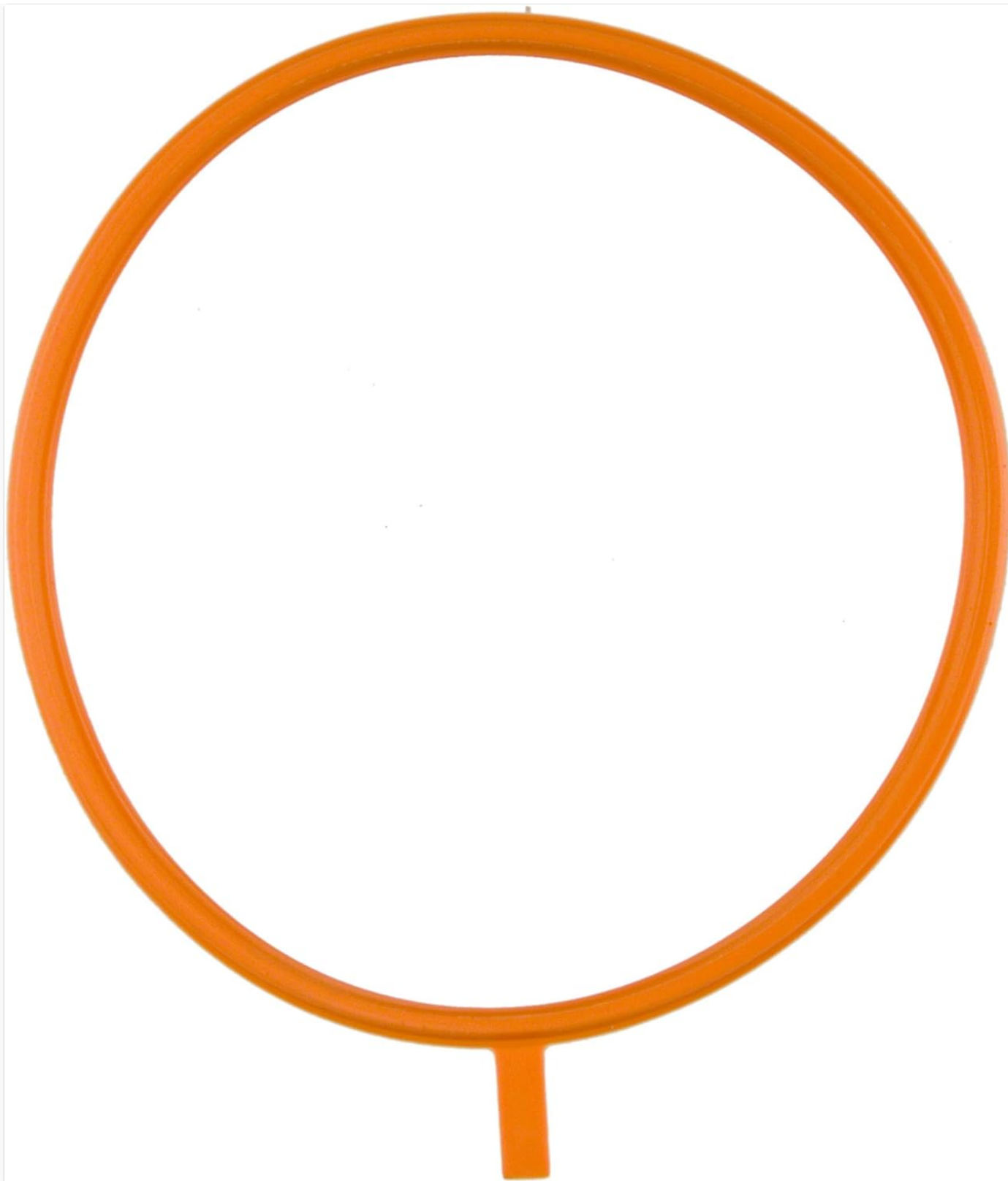


Image 1.1: The FEL-PRO 61557 Throttle Body Gasket. This image displays the circular, orange-colored gasket with a small tab, indicating its specific shape for sealing the throttle body.

1.1. Package Contents

- One (1) FEL-PRO 61557 Throttle Body Gasket

2. INSTALLATION GUIDELINES

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

2.1. Safety Precautions

- Ensure the engine is cool before beginning work.
- Disconnect the vehicle's negative battery terminal to prevent electrical hazards.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Work in a well-ventilated area.

2.2. Required Tools

- Socket wrench set
- Screwdrivers
- Torque wrench
- Gasket scraper or plastic razor blade
- Clean rags or shop towels
- Brake cleaner or appropriate solvent for surface cleaning

2.3. Installation Steps

1. **Preparation:** Disconnect the negative battery terminal. Locate the throttle body, typically situated between the air intake system and the intake manifold.
2. **Remove Air Intake Components:** Carefully disconnect the air intake hose or ducting from the throttle body. This may involve loosening clamps and detaching vacuum lines or electrical connectors.
3. **Disconnect Electrical Connectors:** Unplug any electrical connectors attached to the throttle body, such as the throttle position sensor (TPS) or idle air control (IAC) valve. Be gentle to avoid damaging the clips or wiring.
4. **Remove Throttle Body Mounting Bolts:** Using a socket wrench, carefully loosen and remove the bolts or nuts securing the throttle body to the intake manifold. Keep track of all fasteners.
5. **Remove Throttle Body:** Gently separate the throttle body from the intake manifold. The old gasket will likely be visible between the two components.
6. **Clean Sealing Surfaces:** Remove the old gasket. Thoroughly clean both the throttle body and intake manifold sealing surfaces. Use a gasket scraper or plastic razor blade to remove any old gasket material, carbon deposits, or debris. Ensure the surfaces are smooth and free of contaminants. Use brake cleaner or a suitable solvent on a clean rag to wipe down the surfaces.
7. **Install New Gasket:** Position the new FEL-PRO 61557 Throttle Body Gasket onto the intake manifold or throttle body, ensuring it aligns correctly with all bolt holes and passages. The gasket is designed for a specific fit.
8. **Reinstall Throttle Body:** Carefully place the throttle body back onto the intake manifold, aligning it with the new gasket and bolt holes.
9. **Secure Mounting Bolts:** Reinstall the throttle body mounting bolts or nuts. Tighten them gradually and evenly in a crisscross pattern to the manufacturer's specified torque. Refer to your vehicle's service manual for exact torque specifications. Overtightening can damage the gasket or components.
10. **Reconnect Components:** Reattach all electrical connectors and vacuum lines to the throttle body. Reinstall the air intake hose or ducting, ensuring all clamps are secure.
11. **Reconnect Battery:** Reconnect the negative battery terminal.
12. **Initial Start-up:** Start the engine and check for any air leaks around the throttle body area. Listen for hissing sounds and observe engine idle. Some vehicles may require a throttle body relearn procedure after replacement; consult your vehicle's service manual.

3. POST-INSTALLATION CHECKS AND OPERATION

After installation, it is important to verify proper function to ensure the gasket is sealing effectively.

3.1. Verifying Proper Function

- **Idle Stability:** Observe the engine's idle speed. It should be smooth and consistent. Erratic or high idle can indicate a vacuum leak.
- **Engine Performance:** Test drive the vehicle to ensure normal acceleration and responsiveness.
- **Check Engine Light:** Confirm that no Check Engine Light (CEL) or diagnostic trouble codes (DTCs) related to air intake or throttle body issues are present.

4. MAINTENANCE

Throttle body gaskets are generally maintenance-free components once properly installed. However, periodic inspection during other engine maintenance can help identify potential issues early.

4.1. Inspection

- During routine engine checks or when servicing related components, visually inspect the area around the throttle body for any signs of leaks or gasket deterioration.
- If a vacuum leak is suspected (e.g., rough idle, poor fuel economy), the throttle body gasket should be among the first components to inspect.

4.2. Replacement Interval

The gasket is typically replaced whenever the throttle body is removed for cleaning, repair, or replacement of other components. It is not designed for reuse after removal.

5. TROUBLESHOOTING

If issues arise after installing the FEL-PRO 61557 Throttle Body Gasket, consider the following common troubleshooting steps.

5.1. Common Issues and Solutions

- **Rough Idle or Stalling:**
 - **Cause:** Vacuum leak due to improper gasket seating or damaged gasket.
 - **Solution:** Re-inspect the gasket installation. Ensure sealing surfaces were clean and bolts were torqued correctly. Replace the gasket if damage is found.
- **Check Engine Light (CEL) with Lean Codes (e.g., P0171, P0174):**
 - **Cause:** Unmetered air entering the engine, often from a vacuum leak.
 - **Solution:** Check for vacuum leaks around the throttle body and intake manifold. Verify all vacuum lines and electrical connectors are securely attached.
- **Poor Throttle Response:**
 - **Cause:** Potential vacuum leak or issues with throttle body components (e.g., TPS).
 - **Solution:** Confirm proper gasket seal. If the gasket is fine, inspect other throttle body components or consult a professional mechanic.

6. SPECIFICATIONS

Key technical specifications for the FEL-PRO 61557 Throttle Body Gasket:

Attribute	Value
Brand	Fel-Pro
Model Number	61557
Part Type	Throttle Body Gasket
Item Weight	0.352 ounces
Product Dimensions	9 x 6.5 x 0.02 inches
Manufacturer Part Number	61557
OEM Part Number	61557
Position	Center

7. WARRANTY AND SUPPORT

Fel-Pro gaskets are engineered for quality and performance. For specific warranty information or technical support, please refer to the official Fel-Pro website or contact their customer service directly. Always provide your product model number (61557) when seeking support.

For additional resources and product information, visit the [Fel-Pro Store on Amazon](#).

© 2025 Fel-Pro. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question