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› FEL-PRO 61685 Throttle Body Gasket Installation and Maintenance Manual

Fel-Pro 61685

FEL-PRO 61685 Throttle Body Gasket Instruction Manual

Model: 61685

1. PRODUCT OVERVIEW

The FEL-PRO 61685 Throttle Body Gasket is engineered to provide a reliable seal for your vehicle's throttle body. Manufactured by Fel-Pro, this gasket is designed with application-specific materials to meet or exceed original equipment specifications, ensuring optimal performance and durability. It is crucial for maintaining proper air intake and engine efficiency.

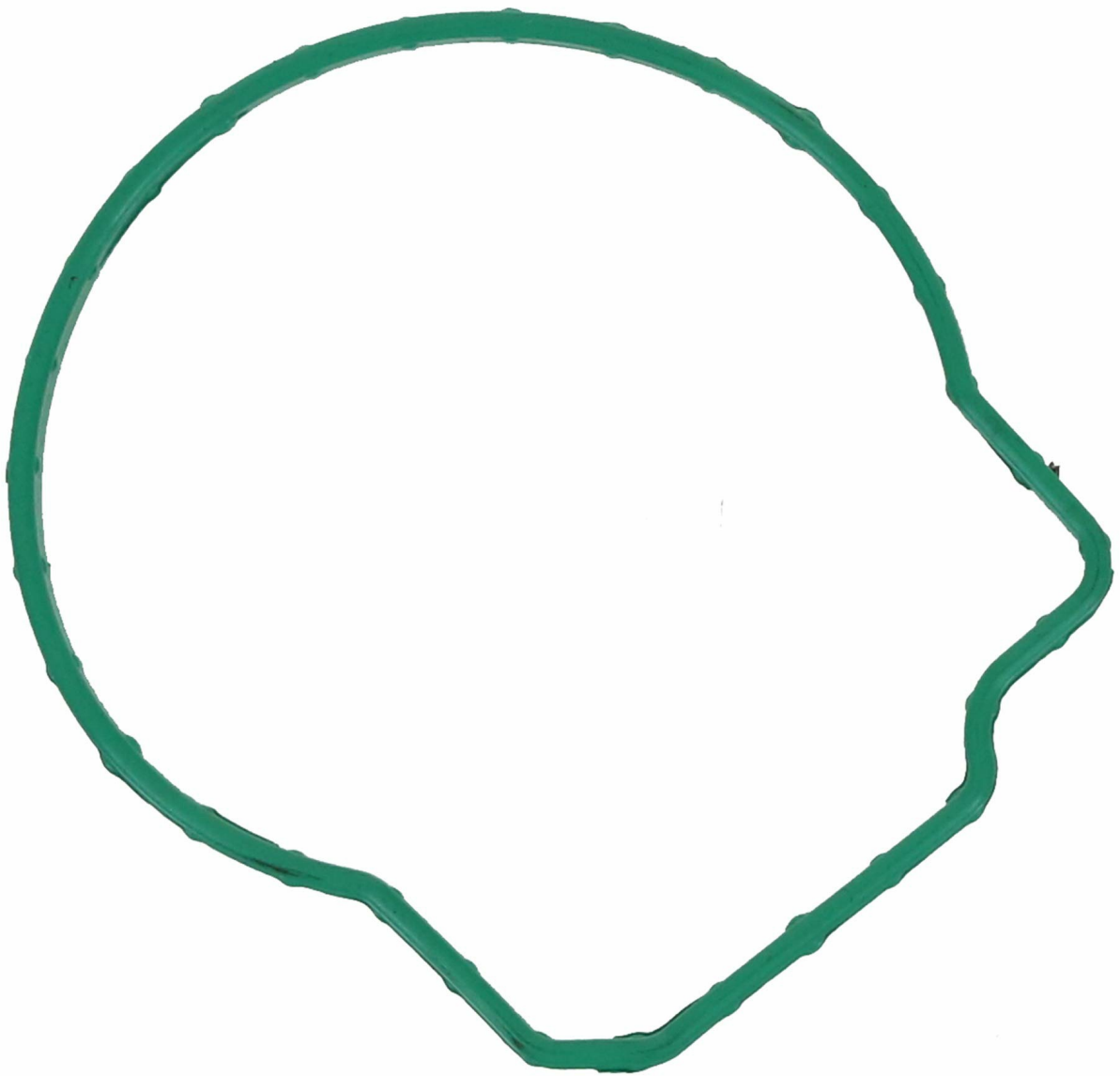


Figure 1: FEL-PRO 61685 Throttle Body Gasket. This image displays the green, irregularly shaped gasket designed for the throttle body.

2. SAFETY INFORMATION

Always prioritize safety when working on your vehicle. Failure to follow safety precautions can result in injury or damage to the vehicle.

- Ensure the vehicle is turned off, the engine is cool, and the battery is disconnected before beginning any work.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Work in a well-ventilated area.
- Refer to your vehicle's specific service manual for detailed safety warnings and procedures.
- Keep all tools and parts organized to prevent hazards.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- 1x FEL-PRO 61685 Throttle Body Gasket

4. INSTALLATION INSTRUCTIONS

This section provides general guidance for installing the FEL-PRO 61685 Throttle Body Gasket. **Always consult your vehicle's specific service manual for precise removal, installation, and torque specifications.**

4.1. Preparation

1. Park the vehicle on a level surface and engage the parking brake.
2. Allow the engine to cool completely.
3. Disconnect the negative terminal of the battery to prevent electrical hazards.
4. Gather necessary tools, which typically include a socket set, wrenches, screwdrivers, and a torque wrench.

4.2. Removal of Old Gasket

1. Locate the throttle body, usually situated between the air intake system and the intake manifold.
2. Carefully disconnect any electrical connectors, vacuum lines, or coolant hoses attached to the throttle body. Label them if necessary for reassembly.
3. Unbolt the throttle body from the intake manifold. Keep track of all fasteners.
4. Remove the old gasket. Inspect the mating surfaces on both the throttle body and the intake manifold for any remaining gasket material, corrosion, or damage.

4.3. Surface Preparation

1. Thoroughly clean both mating surfaces using a suitable gasket scraper and a non-abrasive cleaner. Ensure all old gasket material and debris are removed.
2. Inspect the surfaces for any nicks, scratches, or imperfections that could compromise the new gasket's seal.

4.4. Gasket Installation

1. Carefully place the new FEL-PRO 61685 Throttle Body Gasket onto the intake manifold or throttle body, ensuring it aligns correctly with all bolt holes and passages.
2. Position the throttle body back onto the intake manifold, aligning it with the gasket and bolt holes.
3. Reinstall the throttle body bolts. **Tighten them to the torque specifications provided in your vehicle's service manual.** Typically, bolts are tightened in a specific sequence (e.g., crisscross pattern) to ensure even pressure.
4. Reconnect all electrical connectors, vacuum lines, and coolant hoses that were previously removed. Double-check all connections for security.

4.5. Post-Installation

1. Reconnect the negative battery terminal.
2. Start the engine and check for any leaks around the throttle body gasket. Listen for unusual noises or vacuum leaks.
3. Allow the engine to reach operating temperature and re-check for leaks.
4. If any issues arise, refer to the troubleshooting section or consult a qualified mechanic.

5. MAINTENANCE

The FEL-PRO 61685 Throttle Body Gasket is designed for long-lasting performance. Regular maintenance involves

periodic inspection of the throttle body area.

- Periodically inspect the throttle body and surrounding area for any signs of oil, coolant, or vacuum leaks.
- Ensure all connections to the throttle body remain secure.
- If cleaning the throttle body, avoid harsh chemicals that could damage the gasket material.

6. TROUBLESHOOTING

If you experience issues after installing the throttle body gasket, consider the following common problems:

- **Vacuum Leak:** Symptoms include a rough idle, engine surging, or a "hissing" sound from the engine bay. This often indicates an improper seal. Re-check gasket seating and bolt torque.
- **Check Engine Light:** An improperly sealed throttle body can trigger a "Check Engine" light due to incorrect air-fuel mixture readings. Scan for diagnostic trouble codes (DTCs) to pinpoint the issue.
- **Poor Engine Performance:** Reduced power, hesitation, or poor fuel economy can be symptoms of a compromised throttle body seal affecting airflow.

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

7. SPECIFICATIONS

Attribute	Value
Brand	Fel-Pro
Model Number	61685
Item Thickness	0.24 Inches
Item Weight	0.64 ounces
Product Dimensions	6 x 4 x 0.24 inches
UPC	019826521460

8. WARRANTY AND SUPPORT

Fel-Pro products are manufactured to high-quality standards. For specific warranty information and customer support, please refer to the official Fel-Pro website or contact their customer service directly. Keep your purchase receipt for warranty claims.

For additional technical assistance or to locate a certified service center, visit the [Fel-Pro Store on Amazon](#) or their official corporate website.

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