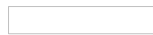


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› [Fel-Pro](#) /

› FEL-PRO 61014 Exhaust Pipe Gasket Instruction Manual

Fel-Pro 61014



FEL-PRO 61014 Exhaust Pipe Gasket Instruction Manual

Model: 61014

INTRODUCTION

This instruction manual provides essential information for the proper installation and maintenance of your Fel-Pro 61014 Exhaust Pipe Gasket. Adhering to these guidelines will help ensure optimal performance and longevity of the gasket, contributing to a reliable exhaust system seal.

PRODUCT OVERVIEW

The Fel-Pro 61014 is an application-specific exhaust pipe gasket designed to provide a secure seal in your vehicle's exhaust system. It is engineered to meet or exceed original equipment specifications, ensuring a precise fit and reliable sealing performance. This gasket is crucial for preventing exhaust leaks, which can affect engine performance and emissions.



Image: The Fel-Pro 61014 Exhaust Pipe Gasket, a round, dark-colored gasket designed for exhaust system sealing.

Key Features:

- Meets or exceeds all original equipment specifications.
- Application-specific design for precise fit and function.
- Engineered for the sealing repair environment.
- Manufactured with proprietary design, engineering, and manufacturing processes for quality.

INSTALLATION INSTRUCTIONS

Proper installation is critical for the effective sealing and longevity of the exhaust pipe gasket. Always refer to your vehicle's specific service manual for detailed instructions and torque specifications.

Required Tools (General):

- Socket/Wrench Set

- Torque Wrench
- Wire Brush or Scraper
- Safety Glasses and Gloves
- Penetrating Oil (optional)

Installation Steps:

1. **Safety First:** Ensure the vehicle is safely lifted and supported on jack stands. Allow the exhaust system to cool completely before beginning work to prevent burns. Disconnect the battery if necessary.
2. **Locate and Remove Old Gasket:** Identify the exhaust pipe connection where the gasket needs replacement. Carefully remove the bolts securing the exhaust pipes together. The old gasket may be stuck or disintegrated.
3. **Clean Mating Surfaces:** Thoroughly clean both mating surfaces of the exhaust pipes using a wire brush or scraper. Remove all traces of old gasket material, rust, and carbon deposits. A clean surface is essential for a proper seal.
4. **Inspect Flanges:** Check the exhaust pipe flanges for any damage, warpage, or corrosion. Damaged flanges may prevent a proper seal even with a new gasket.
5. **Position New Gasket:** Place the new Fel-Pro 61014 gasket onto one of the exhaust pipe flanges, ensuring it is correctly aligned with the bolt holes.
6. **Reassemble Exhaust Pipes:** Carefully bring the exhaust pipes together, aligning the flanges and the new gasket. Insert the bolts through the holes.
7. **Tighten Bolts:** Hand-tighten the bolts initially. Then, using a torque wrench, tighten the bolts evenly in a crisscross pattern to the manufacturer's specified torque settings. Overtightening or uneven tightening can damage the gasket or flanges.
8. **Final Check:** After installation, start the engine and check for any exhaust leaks. Listen for hissing sounds or use a smoke test if available.



Image: A visual representation of a gasket being positioned on an engine component, highlighting the importance of proper alignment.

OPERATING PRINCIPLES

The Fel-Pro 61014 Exhaust Pipe Gasket functions as a critical sealing component within the exhaust system. Its primary role is to create a gas-tight seal between two connecting exhaust pipes or between an exhaust pipe and a manifold/catalytic converter. This seal prevents hot exhaust gases from escaping, which maintains exhaust system efficiency, reduces noise, and ensures proper operation of emission control systems. The gasket is designed to withstand high temperatures, vibrations, and corrosive exhaust gases.

MAINTENANCE

Exhaust pipe gaskets are generally maintenance-free components once properly installed. However, periodic inspection of the exhaust system can help identify potential issues early.

Inspection Guidelines:

- Visual Check:** During routine vehicle maintenance, visually inspect the exhaust pipe connections for any signs of soot, rust, or discoloration around the gasket area, which may indicate a leak.
- Auditory Check:** Listen for any unusual hissing or puffing sounds from the exhaust system, especially when the engine is cold, as this can be a sign of a leaking gasket.
- Tightness Check:** Periodically check the tightness of the exhaust flange bolts. Over time, vibrations can sometimes cause bolts to loosen slightly.

If a leak is detected, it is recommended to replace the gasket promptly to prevent further damage to the exhaust system or other vehicle components.

TROUBLESHOOTING

Most issues related to exhaust pipe gaskets manifest as leaks. Here are common symptoms and potential solutions:

Symptom	Possible Cause	Solution
Hissing or puffing sound from exhaust	Exhaust leak at gasket connection	Inspect gasket for damage. Retighten bolts to specification. If leak persists, replace gasket.
Soot or black residue around exhaust joint	Exhaust gases escaping past the gasket	Indicates a leak. Replace the gasket and ensure mating surfaces are clean.
Reduced engine performance or increased noise	Significant exhaust leak affecting back pressure or sensor readings	Diagnose and repair all exhaust leaks, starting with gasket replacement.

If you are unable to resolve an issue, it is recommended to consult a qualified automotive technician.

SPECIFICATIONS

Attribute	Detail
Brand	Fel-Pro
Model Number	61014

Attribute	Detail
Shape	Round
Item Weight	2.4 ounces
Product Dimensions	6 x 4 x 0.02 inches
Unit Count	1.0 Count
UPC	084113840258

WARRANTY AND SUPPORT

Fel-Pro products are manufactured to high-quality standards. For specific warranty information or technical support regarding your Fel-Pro 61014 Exhaust Pipe Gasket, please refer to the official Fel-Pro website or contact their customer service directly. Keep your purchase receipt for any warranty claims.

Fel-Pro Official Website: www.felpro.com

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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

