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Fel-Pro 61015

FEL-PRO 61015 Exhaust Pipe Gasket User Manual

Model: 61015

INTRODUCTION

The FEL-PRO 61015 Exhaust Pipe Gasket is designed to provide a reliable and complete seal for vehicle exhaust systems. Manufactured by Fel-Pro, this gasket ensures optimal performance and durability, meeting or exceeding original equipment specifications. It is engineered with application-specific materials to deliver a trusted sealing solution, preventing exhaust gas leaks and maintaining proper system function.

Key Features

- Meets or exceeds all original equipment specifications.
- Application-specific design for precise fit.
- Provides unsurpassed quality for a reliable seal.
- Validated for proper fit, form, and function.
- Engineered specifically for the sealing repair environment.
- Manufactured to exacting standards with proprietary design, engineering, and manufacturing processes.

PRODUCT OVERVIEW



This image displays the FEL-PRO 61015 Exhaust Pipe Gasket, a circular component typically made from durable materials designed to withstand high temperatures and pressure in an automotive exhaust system. Its primary function is to create a tight seal between two exhaust pipe sections or between an exhaust pipe and a manifold, preventing exhaust gas leaks.

SPECIFICATIONS

Manufacturer	Fel-Pro
Brand	Fel-Pro
Item Weight	0.352 ounces
Product Dimensions	6 x 4 x 0.02 inches
Item Model Number	61015
Manufacturer Part Number	61015

ASIN	B000C2CBZS
UPC	084113842672
Unit Count	1.0 Count
Date First Available	August 1, 2006

INSTALLATION GUIDE

Proper installation of the FEL-PRO 61015 Exhaust Pipe Gasket is crucial for ensuring a leak-free and durable seal in your vehicle's exhaust system. This guide provides general steps; always refer to your vehicle's specific service manual for detailed instructions and safety precautions.

Required Tools and Materials

- Wrenches or sockets (appropriate sizes for exhaust fasteners)
- Wire brush or abrasive pad for cleaning
- Safety glasses
- Gloves
- Vehicle jack and jack stands (if working under the vehicle)
- Penetrating oil (optional, for rusted fasteners)

Installation Steps

1. **Safety First:** Ensure the vehicle is cool and stable. Use jack stands if lifting the vehicle. Wear safety glasses and gloves to protect yourself from debris and hot components.
2. **Locate the Gasket:** Identify the exhaust pipe connection where the gasket needs to be replaced or installed. This is typically where two exhaust sections join or where an exhaust pipe connects to a manifold.
3. **Remove Old Gasket (if applicable):** Carefully unbolt the exhaust sections and remove any existing gasket material. Be prepared for rusted or seized fasteners, which may require penetrating oil.
4. **Clean Mating Surfaces:** Thoroughly clean both mating surfaces of the exhaust pipes or components where the gasket will sit. Remove all rust, carbon deposits, and old gasket residue using a wire brush or abrasive pad. A clean, smooth surface is essential for a proper, leak-free seal.
5. **Inspect Components:** Check the exhaust pipes and flanges for any damage, cracks, or warping. Damaged components can prevent a proper seal even with a new gasket and may need repair or replacement.
6. **Position the New Gasket:** Carefully place the FEL-PRO 61015 gasket onto one of the clean mating surfaces. Ensure it is correctly aligned with the bolt holes and the exhaust pipe opening. The gasket should sit flush.
7. **Reassemble Exhaust Components:** Bring the two exhaust sections together, ensuring the gasket remains properly seated and does not shift.
8. **Install Fasteners:** Insert and hand-tighten the bolts and nuts. Ensure they are started correctly to avoid cross-threading.
9. **Torque Fasteners:** Using a torque wrench, tighten the fasteners to the vehicle manufacturer's specified torque settings. If multiple fasteners are present, tighten them in a crisscross or star pattern to ensure even pressure across the gasket. *Do not overtighten*, as this can damage the gasket or fasteners.
10. **Check for Leaks:** After installation, start the engine and listen for any exhaust leaks (e.g., a hissing sound). You can also feel for escaping gases around the joint or use a smoke machine for a more thorough check. If a leak is detected, re-check fastener torque and gasket alignment.

OPERATION AND FUNCTION

Once properly installed, the FEL-PRO 61015 Exhaust Pipe Gasket functions as a critical sealing component within the vehicle's exhaust system. Its primary role is to prevent exhaust gases from escaping at connection points, ensuring that all gases are directed through the exhaust system and out the tailpipe. This maintains optimal engine performance, reduces noise, and prevents harmful emissions from entering the vehicle cabin.

The gasket's application-specific design and durable materials allow it to withstand the high temperatures, vibrations, and corrosive elements present in the exhaust environment, providing a long-lasting, leak-free seal throughout the vehicle's operation.

MAINTENANCE

The FEL-PRO 61015 Exhaust Pipe Gasket is designed for long-term durability and typically requires no routine maintenance after proper installation. Its robust construction and application-specific materials are engineered to withstand the harsh conditions of the exhaust system without regular servicing.

However, it is advisable to periodically inspect your vehicle's exhaust system for any signs of leaks, excessive corrosion, or damage, especially during routine vehicle servicing. If an exhaust leak is detected at a gasket connection, it indicates that the gasket may have failed or was improperly installed, and replacement would be necessary. Early detection and repair of exhaust leaks can prevent further damage to exhaust components and maintain vehicle efficiency and safety.

TROUBLESHOOTING

If you experience issues after installing the FEL-PRO 61015 Exhaust Pipe Gasket, consider the following common troubleshooting steps:

Exhaust Leak Detected

- **Symptom:** Hissing sound, strong exhaust smell, or visible soot/smoke around the gasket joint.
- **Possible Cause 1:** Insufficiently tightened fasteners.
- **Solution:** Check and re-torque all fasteners to the vehicle manufacturer's specifications. Ensure even tightening across the flange.
- **Possible Cause 2:** Improper gasket alignment or seating during installation.
- **Solution:** Disassemble the joint, re-align the gasket carefully, and reassemble, ensuring it sits flush on both mating surfaces without crimping or folding.
- **Possible Cause 3:** Damaged or warped mating surfaces on the exhaust pipes/flanges.
- **Solution:** Inspect the surfaces for cracks, bends, or significant corrosion. If damaged, these components may need to be repaired or replaced before a proper seal can be achieved.
- **Possible Cause 4:** Gasket damage during installation or manufacturing defect.
- **Solution:** Inspect the gasket for tears, creases, or other damage. If damaged, replace with a new FEL-PRO 61015 gasket.

Excessive Noise from Exhaust

- **Symptom:** Louder than usual exhaust noise, especially under acceleration or when the engine is cold.
- **Possible Cause:** An exhaust leak, often at a gasket connection.
- **Solution:** Follow the steps for "Exhaust Leak Detected" above. Ensure all exhaust connections are sealed properly.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified automotive technician for professional diagnosis and repair.

WARRANTY AND SUPPORT

For specific warranty information regarding your FEL-PRO 61015 Exhaust Pipe Gasket, please refer to the official Fel-Pro website or contact Fel-Pro customer support directly. Fel-Pro products are known for their quality and are backed by the manufacturer's commitment to performance and durability.

For technical assistance, product inquiries, or further support, you can visit the [Fel-Pro Store on Amazon](#) or their official corporate

website for contact details and resources.

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