

Fel-Pro 61593

FEL-PRO 61593 Exhaust Pipe Gasket User Manual

MODEL: 61593

Brand: Fel-Pro

Introduction

The FEL-PRO 61593 Exhaust Pipe Gasket is engineered to provide a reliable seal in your vehicle's exhaust system. Fel-Pro gaskets are known for their application-specific materials, ensuring 100% vehicle sealing with the performance and durability trusted by professionals. This manual outlines the product's features, compatibility, and general guidelines for installation and care.

Product Overview

The FEL-PRO 61593 is a round exhaust pipe gasket constructed from durable steel. Its primary function is to create a tight, leak-free connection between exhaust components, which is crucial for maintaining proper exhaust flow and preventing harmful emissions from escaping. Each Fel-Pro gasket is manufactured to exacting standards, meeting or exceeding original equipment specifications through proprietary design, engineering, and manufacturing processes.



Image 1: A close-up view of the FEL-PRO 61593 Exhaust Pipe Gasket, showcasing its round shape and metallic construction.

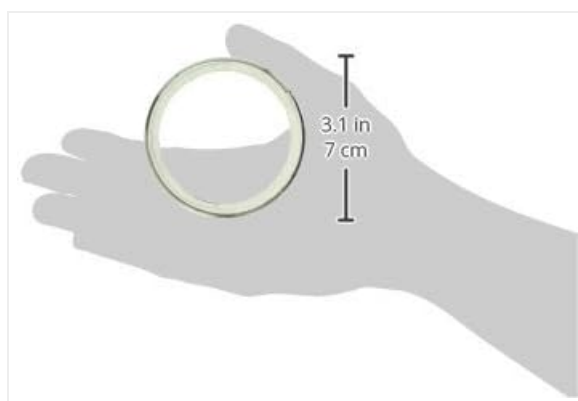


Image 2: The FEL-PRO 61593 Exhaust Pipe Gasket held in a hand, illustrating its approximate size with a measurement of 3.1 inches (7 cm) indicated.

Compatibility

The FEL-PRO 61593 Exhaust Pipe Gasket is compatible with a range of Mazda vehicles. It is crucial to verify fitment for your specific vehicle before purchase and installation. Always enter all vehicle information (year, make,

model, engine, and trim) to ensure compatibility and check any qualifier notes.

Known Compatible Vehicles:

- 2006-2007 Mazda 6
- 2009-2013 Mazda 3 Sport
- 2010-2013 Mazda 3 Sport
- 2013-2014 Mazda CX-5
- 2006-2011 Mazda 3
- 2007-2013 Mazda 3
- 2010-2013 Mazda 3
- 2010-2011 Mazda 3
- 2012-2013 Mazda 3
- 2006-2015 Mazda MX-5 Miata
- 2007-2012 Mazda CX-7

Installation Instructions (Setup)

Proper installation is essential for the performance and longevity of the exhaust pipe gasket. It is recommended that installation be performed by a qualified automotive technician or an individual with experience in exhaust system repair. Always refer to your vehicle's specific service manual for detailed instructions and torque specifications.

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. Wear appropriate personal protective equipment, including gloves and eye protection.
2. **Locate and Access:** Identify the exhaust pipe connection where the gasket needs to be replaced. This typically involves removing bolts or clamps that secure the exhaust sections together.
3. **Remove Old Gasket:** Carefully remove the old, worn, or damaged gasket. This may require scraping or cleaning to ensure all old material is removed from the mating surfaces.
4. **Clean Mating Surfaces:** Thoroughly clean both exhaust flange surfaces where the new gasket will be seated. Remove any rust, carbon buildup, or debris using a wire brush or scraper. The surfaces must be smooth and clean to ensure a proper seal.
5. **Position New Gasket:** Place the new FEL-PRO 61593 gasket onto one of the clean exhaust flanges. Ensure it is correctly aligned with the bolt holes and the exhaust pipe opening.
6. **Reassemble Exhaust Components:** Carefully bring the two exhaust sections together, ensuring the gasket remains properly seated. Insert and hand-tighten the bolts or clamps.
7. **Torque Fasteners:** Using a torque wrench, tighten the fasteners to the vehicle manufacturer's specified torque settings. Tighten in a crisscross or star pattern if multiple bolts are present to ensure even pressure across the gasket. Overtightening or uneven tightening can damage the gasket or flanges.
8. **Final Inspection:** After tightening, visually inspect the gasket and connection to ensure it is properly seated and there are no visible gaps.

Operating Considerations

Once the FEL-PRO 61593 Exhaust Pipe Gasket is installed, it is important to perform a check for exhaust leaks. Start the vehicle and listen for any hissing or puffing sounds, which indicate a leak. A visual inspection can also be performed, sometimes using smoke or soapy water around the connection points to identify leaks. A properly installed gasket will provide a quiet, leak-free exhaust system.

Maintenance

Exhaust pipe gaskets are generally considered maintenance-free components. Their design is intended for long-term sealing. However, it is advisable to periodically inspect the exhaust system for any signs of leaks, especially if you notice changes in exhaust sound or performance. If an exhaust leak is detected at the gasket location, the gasket should be replaced.

Troubleshooting

If an exhaust leak persists or develops after installation of the FEL-PRO 61593 Exhaust Pipe Gasket, consider the following troubleshooting steps:

- **Improper Seating:** Ensure the gasket was perfectly centered and seated between the flanges during installation.
- **Damaged Gasket:** Inspect the gasket for any tears, creases, or damage that may have occurred during handling or installation. A damaged gasket will not seal properly.
- **Insufficient Torque:** Verify that the fasteners were tightened to the manufacturer's recommended torque specifications. Under-tightening can lead to leaks.
- **Damaged Flanges:** Check the exhaust flanges for warping, corrosion, or damage. Uneven or damaged flanges can prevent even pressure distribution and a proper seal, even with a new gasket.
- **Incorrect Part:** Double-check that the FEL-PRO 61593 is indeed the correct gasket for your specific vehicle application.

Specifications

Specification	Detail
Brand	Fel-Pro
Model	Exhaust Pipe Gasket
Item Model Number	61593
Material	Steel
Shape	Round
Item Weight	0.01 ounces
Product Dimensions	6 x 4 x 0.2 inches
UPC	019826061072

Warranty and Support

For specific warranty information regarding the FEL-PRO 61593 Exhaust Pipe Gasket, please refer to the official Fel-Pro website or contact their customer service department directly. Support resources, including technical assistance and product inquiries, are available through the manufacturer's official channels.

You can visit the Fel-Pro Store for more information:[Fel-Pro Store on Amazon](#)

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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.

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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