

Fel-Pro MS 98016 T

FEL-PRO MS 98016 T Engine Intake Manifold Gasket Set Instruction Manual

Brand: Fel-Pro | Model: MS 98016 T

1. PRODUCT OVERVIEW

The Fel-Pro MS 98016 T Engine Intake Manifold Gasket Set is engineered to provide a reliable and durable seal for your vehicle's intake manifold. Designed with application-specific materials, these gaskets ensure optimal performance and prevent leaks, even on imperfect sealing surfaces. This set includes all necessary components for a complete repair, offering a professional-grade sealing solution.

2. COMPATIBILITY

This intake manifold gasket set is compatible with a range of Chevrolet and GMC vehicles. Please verify fitment for your specific vehicle using the manufacturer's compatibility tools before installation.

- 2003-2006 Isuzu Ascender
- 2004-2007 Buick Rainier
- 2003-2006 Cadillac Escalade ESV
- 2009 Cadillac Escalade ESV
- 2002-2006 Cadillac Escalade EXT
- 2009 Cadillac Escalade EXT
- 2002-2013 Cadillac Escalade
- 2002-2005 Cadillac Esc
- And other compatible models as specified by the manufacturer.

Important: Always check the "Amazon Confirmed Fit" bar or manufacturer's guidelines to ensure this part fits your vehicle. Enter all vehicle information (year, make, model, engine, and trim) for accurate compatibility. If additional notes are present, review them before purchase.

3. KEY FEATURES

- **Designed for Imperfect Sealing Surfaces:** Engineered and manufactured specifically for the repair environment to help seal imperfect sealing surfaces.
- **Strong and Durable:** Features molded rubber over an aluminized-steel carrier which inhibits high heat and coolants.
- **Superior Seal:** Proprietary rubber sealing beads help eliminate potential leak paths for a superior seal.
- **Easier to Install:** Locating tabs assure proper alignment and easier installation.
- **Inhibits Overtightening:** Torque limiters help eliminate overtightening and gasket splitting and extruding.
- **Complete Kit:** Fel-Pro gasket sets include every part needed for the repair unless otherwise noted.

4. INSTALLATION GUIDE

Proper installation is crucial for the optimal performance and longevity of your Fel-Pro intake manifold gasket set. Always refer to your vehicle's specific service manual for detailed torque specifications and procedures. The following provides general guidance and highlights key aspects of the installation process.

4.1. Preparation

- Ensure the engine is cool before beginning work.
- Disconnect the battery.
- Carefully remove all components obstructing access to the intake manifold, including air intake, fuel lines, electrical connectors, and vacuum hoses.
- Thoroughly clean all mating surfaces on the cylinder heads and the intake manifold. Remove any old gasket material, carbon deposits, or debris. Use a suitable gasket scraper and cleaning solvent. Ensure no debris falls into the engine ports.



Image: The complete Fel-Pro MS 98016 T Intake Manifold Gasket Set, showing the main intake manifold gaskets, EGR gaskets, and other seals.

4.2. Gasket Placement

- The Fel-Pro gaskets are designed with locating tabs or specific markings (e.g., "THIS SIDE UP") to ensure correct orientation.
- Carefully place the new intake manifold gaskets onto the cylinder heads, aligning them with the bolt holes and ports. The integrated torque limiters help prevent overtightening and gasket damage.
- If your kit includes front and rear intake manifold seals (often referred to as "china wall" seals), install these according to your vehicle's service manual. Some applications may use RTV sealant in these areas instead of or in conjunction with rubber seals.
- Install any additional gaskets or seals provided, such as for the throttle body or EGR system, as applicable.



Image: A close-up view of a Fel-Pro intake manifold gasket, highlighting the molded rubber sealing beads and the aluminized-steel carrier for enhanced durability and sealing integrity.

4.3. Reassembly and Torque

- Carefully lower the intake manifold onto the new gaskets, ensuring proper alignment.
- Install all intake manifold bolts. Hand-tighten them first to ensure they are threaded correctly.
- Tighten the intake manifold bolts to the manufacturer's specified torque values and in the correct sequence. This is critical for an even seal and to prevent damage to the manifold or gaskets. Refer to your vehicle's service manual for these specifications.
- Reconnect all removed components: fuel lines, electrical connectors, vacuum hoses, and the air intake system.
- Refill any drained fluids (e.g., coolant) and check for leaks after initial startup.

4.4. Installation Videos

Video: MS98016T For Chevy Silverado Intake Manifold Gasket

Your browser does not support the video tag.

Description: This video provides a visual overview of the MS98016T intake manifold gasket set, demonstrating its components and how they fit together. It highlights the design and features relevant to installation on compatible Chevrolet Silverado models.

Video: Knock Sensors with Wiring Harness Kit (Contextual Installation)

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Description: While primarily focusing on knock sensors, this video demonstrates the engine bay area where the intake manifold gasket is installed. It shows the process of cleaning surfaces and installing components, offering valuable visual context for the intake manifold gasket replacement.

Video: About Fel-Pro PermaDryPlus Gaskets

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Description: This video provides an overview of Fel-Pro's PermaDryPlus gasket technology, explaining the design principles and benefits of these advanced sealing solutions, which are incorporated into the MS 98016 T set.

5. SPECIFICATIONS

Brand	Fel-Pro
Model Number	MS 98016 T
Material	Rubber
Color	Assorted
Shape	Round
Item Weight	1.68 pounds
Product Dimensions	21.9 x 7.6 x 1.5 inches
UPC	614046941410

6. WHAT'S IN THE BOX

The Fel-Pro MS 98016 T Engine Intake Manifold Gasket Set typically includes:

- Intake Manifold Gasket Set (specific components may vary slightly based on application, but generally includes all necessary gaskets for the intake manifold area).

7. MAINTENANCE

Once installed, Fel-Pro intake manifold gaskets are designed for long-term durability and typically do not require routine maintenance. However, regular engine inspections can help identify potential issues early:

- Periodically check for any signs of fluid leaks (coolant, oil) around the intake manifold area.

- Monitor engine performance for symptoms such as rough idle, misfires, or reduced fuel efficiency, which could indicate a vacuum leak or other issues.
- Ensure all hoses and connections around the intake manifold remain secure and free from cracks or damage.

8. TROUBLESHOOTING

If you experience issues after installing the intake manifold gasket set, consider the following common troubleshooting steps:

- **Vacuum Leaks:** A common symptom of an intake manifold gasket issue is a vacuum leak, leading to a rough idle, engine misfires, or a "check engine" light. Inspect all vacuum lines and connections for proper seating and integrity. A smoke test can help pinpoint hard-to-find leaks.
- **Coolant/Oil Leaks:** Visually inspect the perimeter of the intake manifold for any signs of coolant or oil seepage. Ensure all bolts are torqued to specification in the correct sequence.
- **Misfires/Rough Running:** Verify that all spark plug wires, ignition coils, and fuel injectors are properly connected and functioning. A faulty gasket can sometimes lead to uneven air/fuel distribution, causing misfires.
- **"Check Engine" Light:** Use an OBD-II scanner to retrieve diagnostic trouble codes (DTCs). These codes can provide specific information about the nature of the problem, guiding your troubleshooting efforts.

If problems persist, it is recommended to consult a qualified automotive technician.

9. WARRANTY AND SUPPORT

Fel-Pro products are manufactured to high standards. For specific warranty information or technical support, please refer to the documentation included with your product or visit the official Fel-Pro website. Amazon's return policy allows for returns within 30 days for eligible items.

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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