

Fel-Pro 26154 PT

FEL-PRO 26154 PT Head Gasket Instruction Manual

Model: 26154 PT

1. INTRODUCTION

This manual provides essential information regarding the FEL-PRO 26154 PT Head Gasket. It covers product features, compatibility, general installation considerations, and specifications to ensure proper application and performance. This head gasket is designed to provide a reliable seal for your engine's cylinder head.

2. PRODUCT FEATURES

Designed for Imperfect Sealing Surfaces

Engineered and manufactured specifically for the repair environment to help seal imperfect sealing surfaces.



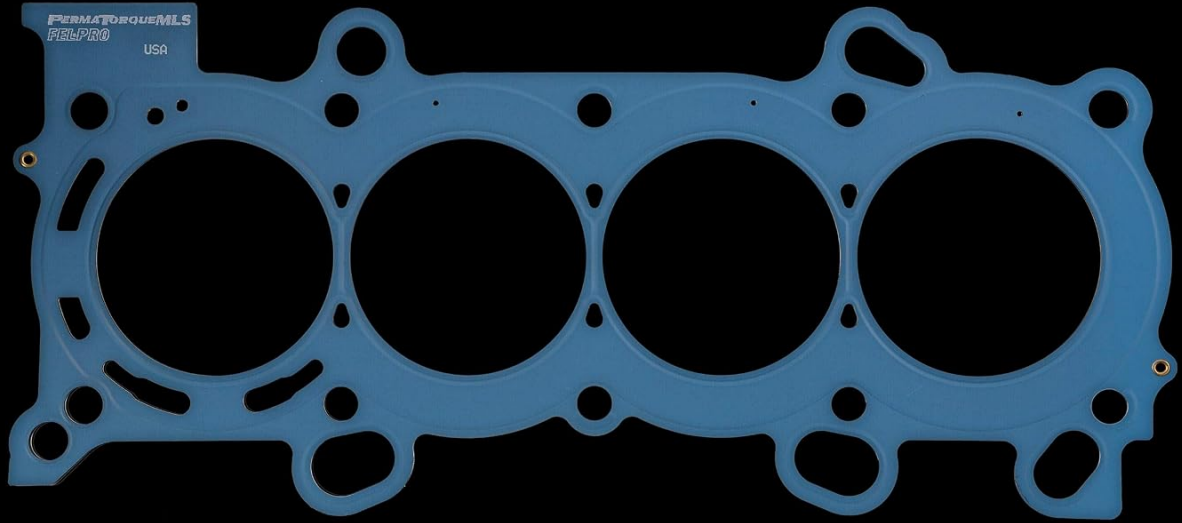
DESIGNED FOR IMPERFECT SEALING SURFACES

Engineered and manufactured specifically for
the repair environment to help seal imperfect
sealing surfaces

Image: A blue FEL-PRO head gasket with text indicating its design for imperfect sealing surfaces, shown against a dark background.

Proprietary Coating

Exclusive coating helps withstand rougher sealing surface finishes up to 80 Ra.



PROPRIETARY COATING

Exclusive coating helps withstand rougher sealing
surface finishes up to 80 Ra

Image: A close-up of a blue FEL-PRO head gasket, highlighting the surface and text about its proprietary coating.

Superior Seal

Precise embossed sealing beads at all vital areas to eliminate leak paths.

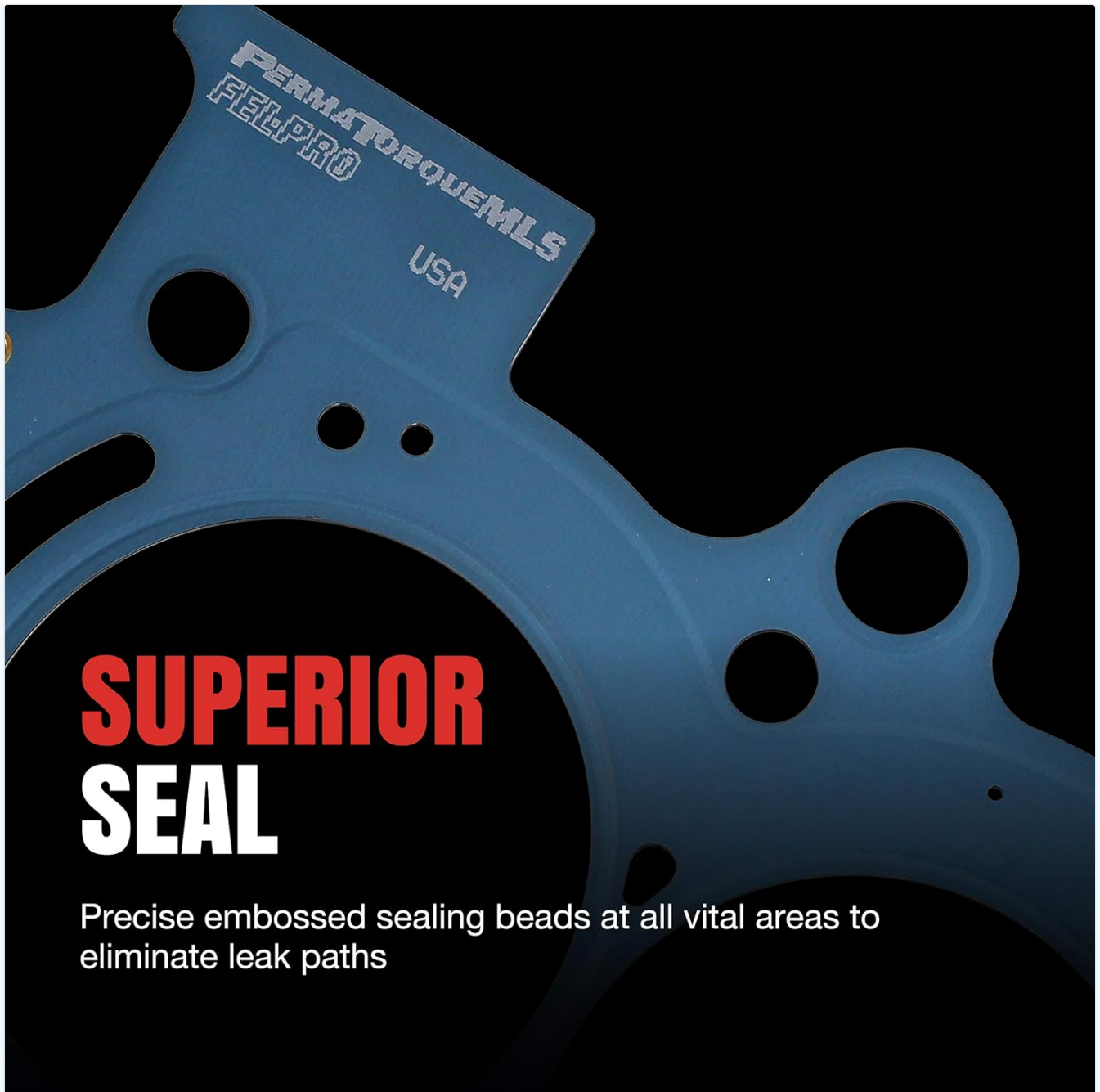
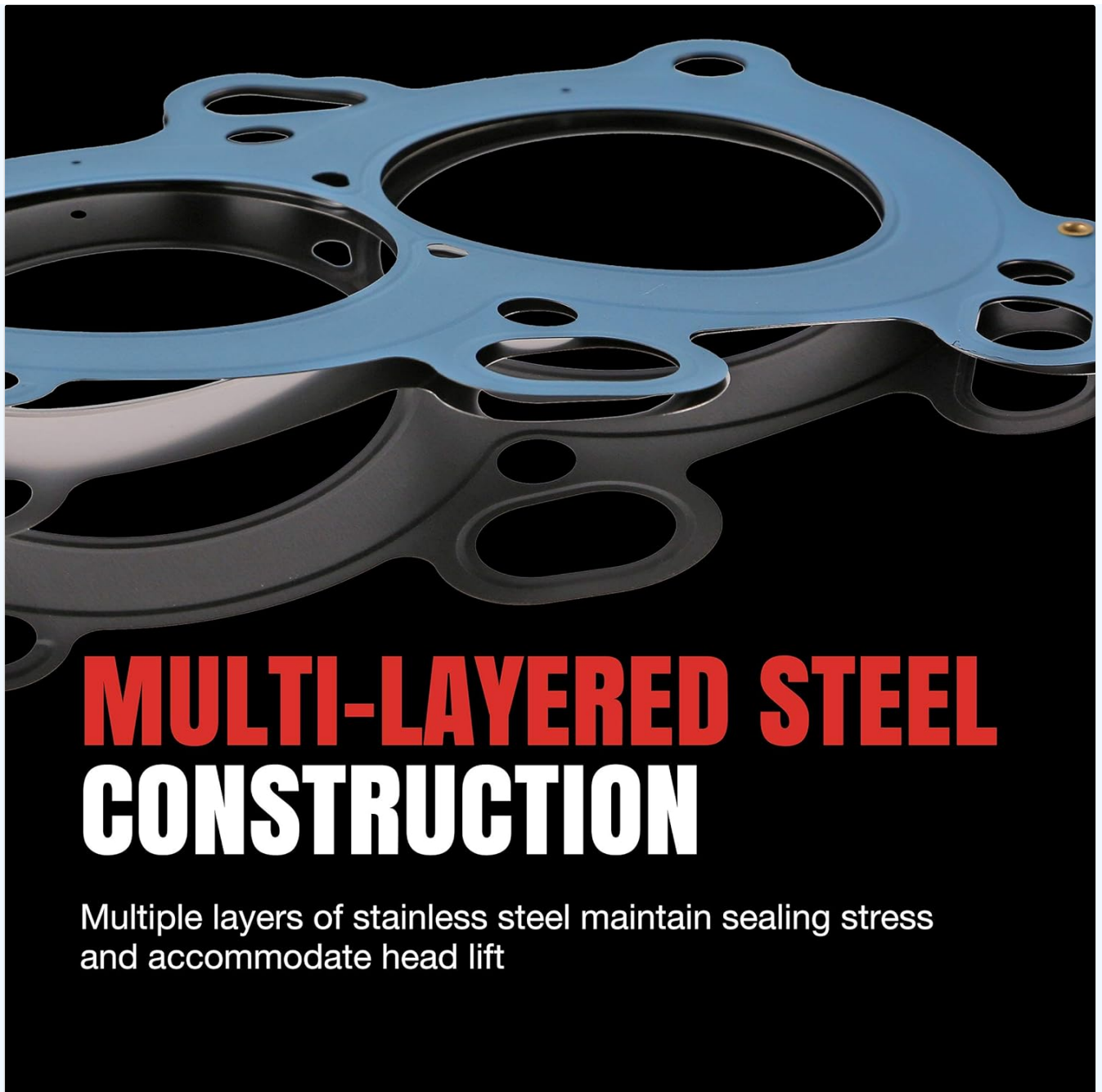


Image: A detailed view of a blue FEL-PRO head gasket, emphasizing the embossed sealing beads for a superior seal.

Multi-Layered Steel Construction

Multiple layers of stainless steel maintain sealing stress and accommodate head lift.



MULTI-LAYERED STEEL CONSTRUCTION

Multiple layers of stainless steel maintain sealing stress and accommodate head lift

Image: A cross-section view illustrating the multi-layered steel construction of the FEL-PRO head gasket.

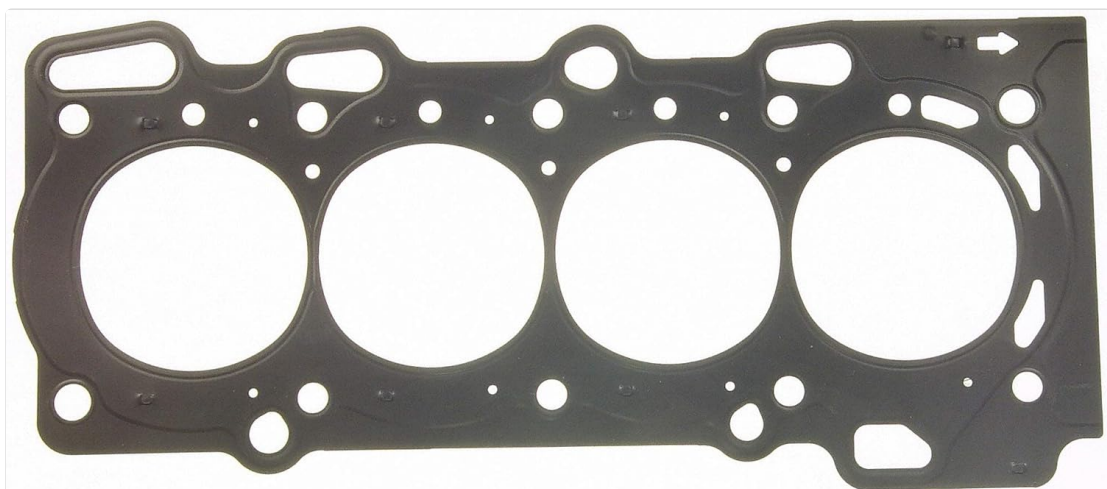


Image: Top-down view of the FEL-PRO 26154 PT Head Gasket, showcasing its overall shape and design.

3. COMPATIBILITY

The FEL-PRO 26154 PT Engine Cylinder Head Gasket is compatible with the following vehicle models:

- 2003-2006 Pontiac Vibe
- 2000-2005 Toyota Celica
- 2005-2006 Toyota Corolla
- 2003-2006 Toyota Matrix
- 2005-2011 Lotus Elise
- 2006-2011 Lotus Exige

Important: Before purchasing, verify that this part is suitable for your specific vehicle. Always refer to your vehicle's service manual for precise fitment and installation procedures.

4. INSTALLATION GUIDELINES (SETUP)

Proper installation is crucial for the performance and longevity of your head gasket. While specific steps vary by vehicle, general guidelines include:

1. **Vehicle Research:** Before beginning, consult your vehicle's official service manual for detailed, model-specific instructions, torque specifications, and procedures for head gasket replacement.
2. **Surface Preparation:** Ensure that both the cylinder head and engine block mating surfaces are thoroughly cleaned, free of old gasket material, debris, and corrosion. Surface flatness is critical for a proper seal.
3. **Gasket Placement:** Carefully position the new head gasket onto the engine block, ensuring correct orientation. Many gaskets have markings (e.g., 'FRONT', 'UP', 'LEFT BANK', 'RIGHT HAND') to aid in proper alignment.
4. **Head Installation:** Gently lower the cylinder head onto the gasket and block.
5. **Torque Sequence:** Follow the manufacturer's specified torque sequence and values for tightening the cylinder head bolts. Incorrect torquing can lead to gasket failure.
6. **Coolant and Oil:** Refill the engine with the appropriate coolant and engine oil according to your vehicle's specifications.
7. **Initial Start-up:** After reassembly, perform an initial start-up and check for any leaks or unusual engine behavior.



Image: A person wearing gloves holds a blue head gasket over an engine block, illustrating the placement process.



Image: A close-up showing various markings on a head gasket, such as 'LEFT BANK', 'RIGHT HAND', 'UP', and 'FRONT', indicating proper orientation.

5. OPERATING CONSIDERATIONS

Once installed, the head gasket functions as a critical seal between the engine block and cylinder head, containing combustion pressures, coolant, and oil. Proper operation relies on correct installation and maintaining engine health. The gasket itself is a passive component and does not require active operation by the user.

6. MAINTENANCE

Head gaskets are designed to be maintenance-free once installed correctly. However, regular engine maintenance, such as checking coolant levels, oil levels, and monitoring engine temperature, is essential to prevent conditions that could lead to premature gasket failure. After installation, periodically inspect for any signs of leaks around the cylinder head area.

7. TROUBLESHOOTING

If you experience issues after head gasket replacement, consider the following:

- **Coolant Leaks:** Check for visible coolant leaks around the cylinder head. This could indicate improper installation, an uneven sealing surface, or a defective gasket.
- **Oil Leaks:** Inspect for oil seepage around the head gasket area.
- **Overheating:** Persistent engine overheating after gasket replacement may suggest air pockets in the cooling system, an improperly installed gasket, or other cooling system issues.
- **White Smoke from Exhaust:** This can indicate coolant entering the combustion chamber, often a sign of a compromised head gasket.
- **Sweet Smell from Exhaust:** Another indicator of burning coolant.

If any of these symptoms occur, it is recommended to consult a qualified automotive technician for diagnosis and repair.



Image: A white car with smoke emanating from the engine bay, indicating a potential engine issue such as a blown head gasket.

8. SPECIFICATIONS

Specification	Detail
Brand	Fel-Pro
Model Number	26154 PT

Material	Stainless Steel
Item Weight	0.01 ounces
UPC	614046652903
Manufacturer Part Number	26154PT

9. WARRANTY AND SUPPORT

Specific warranty information for the FEL-PRO 26154 PT Head Gasket is not provided in this document. For detailed warranty terms, product support, or further inquiries, please visit the official Fel-Pro store or contact their customer service directly.

[Visit the Fel-Pro Store](#)

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