

Fel-Pro 35525

Fel-Pro 35525 Water Pump Gasket Instruction Manual

Model: 35525

1. PRODUCT OVERVIEW

The Fel-Pro 35525 Water Pump Gasket is engineered to provide a reliable seal for automotive water pump applications. This gasket is designed to meet or exceed original equipment specifications, ensuring proper fit, form, and function for effective vehicle sealing in compatible systems.

Key Features

- Designed for water pump sealing applications.
- Meets or exceeds original equipment specifications for performance and durability.
- Application-specific design ensures precise fit.
- Manufactured for the demanding sealing repair environment.
- Validated for proper fit, form, and function.

2. PACKAGE CONTENTS

The Fel-Pro 35525 package typically contains:

- One (1) Fel-Pro 35525 Water Pump Gasket (specific to Dodge 5.9L L6 2004-2015 applications).



Image 1: The Fel-Pro 35525 Water Pump Gasket, a circular sealing component.

3. INSTALLATION INSTRUCTIONS

Proper installation is crucial for the effective sealing performance of the water pump gasket. It is recommended that installation be performed by a qualified technician.

General Guidelines

1. **Preparation:** Ensure the mating surfaces on both the engine block and the water pump are thoroughly cleaned and free of old gasket material, corrosion, and debris. Use a suitable gasket scraper and cleaning solvent.
2. **Inspection:** Inspect the water pump and engine block for any damage, cracks, or irregularities that could

compromise the seal.

3. **Gasket Placement:** Carefully position the new Fel-Pro 35525 water pump gasket onto the water pump or engine block, aligning all bolt holes. Ensure the gasket is seated correctly without any folds or twists.
4. **Fastener Installation:** Install the water pump and fasteners according to the vehicle manufacturer's torque specifications and sequence. Overtightening or uneven tightening can lead to gasket failure.
5. **Coolant Refill:** After installation, refill the cooling system with the appropriate coolant mixture and bleed any air from the system as per the vehicle manufacturer's recommendations.
6. **Leak Check:** Start the engine and allow it to reach operating temperature. Carefully inspect for any coolant leaks around the water pump area.

Important: Always refer to your specific vehicle's service manual for detailed, model-specific installation procedures and torque specifications.



Image 2: A general representation of a gasket being installed in an automotive engine, highlighting the precision required.

4. PRODUCT FUNCTION

The Fel-Pro 35525 Water Pump Gasket creates a leak-proof seal between the water pump and the engine block. This seal is essential for maintaining the integrity of the engine's cooling system, preventing coolant loss, and ensuring the water pump operates efficiently to circulate coolant throughout the engine.

5. CARE AND LONGEVITY

While the gasket itself requires no direct maintenance, its longevity is dependent on the overall health and proper functioning of the cooling system.

- **Coolant Quality:** Use the correct type and concentration of coolant as specified by your vehicle manufacturer. Incorrect coolant can degrade gasket materials over time.
- **System Integrity:** Regularly inspect the cooling system for leaks, corrosion, or signs of wear on hoses and other components. Address any issues promptly to prevent undue stress on the gasket.
- **Temperature Management:** Ensure the engine operates within its normal temperature range to prevent excessive heat or pressure that could stress cooling system components, including gaskets.

6. COMMON ISSUES AND SOLUTIONS

If issues arise after installation, consider the following:

- **Coolant Leakage:** The most common issue is a coolant leak from the water pump area. This can be caused by improper installation, damaged mating surfaces, incorrect torque, or, rarely, a defective gasket. Re-inspect the installation, ensure surfaces are clean, and verify correct torque application. If the gasket is confirmed defective, replace it.
- **Engine Overheating:** While not directly caused by the gasket, a significant coolant leak due to gasket failure can lead to insufficient coolant levels and subsequent engine overheating. Address any leaks promptly to prevent engine damage.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Fel-Pro
Model Number	35525
Material	Alloy Steel
Application	Water Pump Gasket for Dodge 5.9L L6 (2004-2015)
Item Weight	0.32 ounces
UPC	084113824968
Manufacturer Part Number	35525

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Fel-Pro 35525 Water Pump Gasket, please contact Fel-Pro customer service directly or visit their official website.

Official Fel-Pro Website: www.felpro.com

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