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› FEL-PRO 35278 Water Outlet Gasket User Manual

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Brand: Fel-Pro | Model: 35278

1. PRODUCT OVERVIEW

The Fel-Pro 35278 Water Outlet Gasket is engineered to provide a reliable seal for your vehicle's water outlet. Fel-Pro gaskets are known for their application-specific materials, ensuring optimal performance and durability for various automotive sealing solutions.



Image 1.1: The Fel-Pro 35278 Water Outlet Gasket, a circular sealing component.

2. COMPATIBILITY

This gasket is designed for a wide range of Toyota vehicles. It is crucial to verify compatibility with your specific vehicle before installation.

Compatible Models:

- 1984-1995 Toyota 4Runner
- 1988-1995 Toyota 4Runner
- 1983-1985 Toyota Celica
- 1989-1992 Toyota Cressida
- 1986-1992 Toyota Supra
- 1993-1994 Toyota T100
- 1983-1995 Toyota Pickup

- 1985-1985 Toyota Pickup
- 1988-1995 Toyota Pickup

Important: Before purchasing and installing, always research to ensure the part will fit your vehicle. Enter all vehicle information (year, make, model, engine, and trim) for compatibility and check any qualifier notes provided by the manufacturer or retailer.

3. FEATURES AND BENEFITS

The Fel-Pro 35278 Water Outlet Gasket offers several key features designed for reliable performance:

- **OEM Specifications:** Meets or exceeds all original equipment specifications, ensuring a precise fit and function.
- **Unsurpassed Quality:** Manufactured with high-quality materials for trusted performance and longevity.
- **Sealing Repair Environment:** Specifically designed for the demands of automotive sealing repairs.
- **100% Vehicle Sealing:** Engineered to provide complete sealing, preventing leaks and maintaining optimal engine cooling system integrity.



Image 3.1: Example of a Fel-Pro gasket, illustrating the quality and precision of their sealing solutions.

4. INSTALLATION (SETUP)

Proper installation is critical for the effective sealing and longevity of the water outlet gasket. While specific steps may vary by vehicle, general guidelines are provided below. Consult your vehicle's service manual for detailed instructions.

4.1. Required Tools and Materials

- Socket/Wrench set
- Scraper or wire brush for surface cleaning
- Brake cleaner or degreaser
- New Fel-Pro 35278 Water Outlet Gasket
- Coolant (if draining is necessary)
- Torque wrench (recommended for proper fastener tightening)

4.2. Installation Steps

1. **Safety First:** Ensure the engine is cool before beginning work. Disconnect the battery's negative terminal.
2. **Drain Coolant:** If necessary, drain a portion of the engine coolant to prevent spills when removing the water outlet.
3. **Remove Water Outlet:** Carefully unbolt and remove the water outlet housing from the engine block or cylinder head.

4. **Clean Sealing Surfaces:** This is a critical step. Thoroughly clean both mating surfaces (on the engine and the water outlet housing) to remove all traces of old gasket material, corrosion, and debris. Use a scraper or wire brush, followed by a degreaser, ensuring the surfaces are perfectly smooth and dry. Any remaining residue can cause leaks.
5. **Position New Gasket:** Place the new Fel-Pro 35278 gasket onto the water outlet housing or directly onto the engine's mating surface, ensuring it aligns correctly with all bolt holes and passages.
6. **Reinstall Water Outlet:** Carefully position the water outlet housing back onto the engine, aligning it with the gasket and bolt holes. Insert the bolts and hand-tighten them.
7. **Torque Fasteners:** Using a torque wrench, tighten the bolts to the manufacturer's specified torque settings. Tighten in a crisscross or sequential pattern to ensure even pressure across the gasket. Overtightening or undertightening can lead to leaks.
8. **Refill Coolant:** If coolant was drained, refill the cooling system to the appropriate level.
9. **Check for Leaks:** Start the engine and allow it to reach operating temperature. Carefully inspect the water outlet area for any signs of coolant leaks.



Image 4.1: Examples of various Fel-Pro gasket types, illustrating the diversity of sealing solutions available.

5. MAINTENANCE

Once installed, the Fel-Pro 35278 Water Outlet Gasket requires minimal ongoing maintenance. However, periodic checks of your cooling system can help ensure its continued integrity:

- **Regular Visual Inspection:** Periodically inspect the area around the water outlet for any signs of coolant leaks, drips, or residue.
- **Coolant Level Check:** Regularly check your engine's coolant level. A consistently low coolant level without an obvious external leak might indicate an internal issue or a very slow external leak.
- **System Pressure Test:** If you suspect a leak but cannot visually locate it, a cooling system pressure test can help identify compromised seals, including the water outlet gasket.

6. TROUBLESHOOTING

If you encounter issues after installing the water outlet gasket, consider the following common problems and their potential solutions:

6.1. Coolant Leak at Water Outlet

- **Cause:** Improper surface preparation (old gasket material, dirt, corrosion remaining).
- **Solution:** Disassemble, thoroughly clean both mating surfaces until smooth and free of debris, and reinstall with a new gasket.
- **Cause:** Incorrect torque on fasteners (too loose or too tight).
- **Solution:** Ensure bolts are tightened to vehicle manufacturer's specifications using a torque wrench, following the

correct tightening sequence.

- **Cause:** Damaged or pinched gasket during installation.
- **Solution:** Replace the gasket with a new one, ensuring it is properly seated before tightening.
- **Cause:** Cracked or warped water outlet housing or engine surface.
- **Solution:** Inspect the housing and engine surface for damage. Replace the housing or address engine surface issues if found.

6.2. Overheating

- While a faulty water outlet gasket can contribute to coolant loss leading to overheating, it's often a symptom of a larger cooling system issue.
- **Solution:** Check coolant level, radiator, thermostat, water pump, and cooling fan operation. Address any leaks promptly.

7. SPECIFICATIONS

Fel-Pro 35278 Water Outlet Gasket Specifications

Attribute	Detail
Brand	Fel-Pro
Model Number	35278
Item Weight	0.353 ounces
Color	Factory
Unit Count	1.0 Count
Manufacturer	Fel-Pro
UPC	841138228894, 084113822889
OEM Part Number	35278

What's in the Box:

- One (1) Fel-Pro 35278 Water Outlet Gasket

8. WARRANTY AND SUPPORT

Fel-Pro products are manufactured to high-quality standards. For specific warranty information or technical support regarding the Fel-Pro 35278 Water Outlet Gasket, please refer to the official Fel-Pro website or contact their customer service directly.

You can visit the official Fel-Pro store for more information and product resources:[Fel-Pro Store on Amazon](#)

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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