



Manuals.plus /

› Fel-Pro /

› FEL-PRO 35524 O-Ring Instruction Manual

## Fel-Pro 35524

# FEL-PRO 35524 O-Ring Instruction Manual

Model: 35524

## INTRODUCTION

This manual provides essential information for the proper installation, function, and maintenance of your FEL-PRO 35524 O-Ring. The FEL-PRO 35524 O-Ring is designed to provide a reliable seal in various automotive applications, ensuring optimal performance and preventing leaks.

Fel-Pro gaskets offer 100% vehicle sealing with application-specific materials to give you sealing solutions with the performance and durability professionals trust. This O-Ring is engineered to exacting standards with proprietary design, engineering, and manufacturing processes.

## PRODUCT OVERVIEW



**Figure 1:** The FEL-PRO 35524 O-Ring. This image displays the circular, black rubber O-ring, which is a critical component for creating a tight seal in automotive systems.

The FEL-PRO 35524 O-Ring is a precision-engineered sealing component made from durable rubber material. Its primary function is to prevent the leakage of fluids or gases between two mating surfaces, commonly found in fuel injection systems or other fluid transfer points within a vehicle.

## SETUP AND INSTALLATION

Proper installation is crucial for the effective sealing performance of the O-Ring. Always refer to your vehicle's specific service manual for detailed instructions related to the component you are replacing.

### Required Tools and Materials:

- New FEL-PRO 35524 O-Ring
- Appropriate lubricant (e.g., silicone grease, engine oil, or as specified by vehicle manufacturer)
- Clean lint-free cloth
- Basic hand tools (wrenches, screwdrivers, etc., as required for access)

### Installation Steps:

1. **Preparation:** Ensure the mating surfaces are clean, dry, and free from old gasket material, debris, or corrosion. Use a clean lint-free cloth to wipe down the surfaces.
2. **Inspection:** Carefully inspect the new FEL-PRO 35524 O-Ring for any cuts, nicks, or deformities. Do not use a damaged O-Ring.
3. **Lubrication:** Apply a thin, even coat of the recommended lubricant to the O-Ring. This helps prevent twisting or damage during installation and aids in proper seating.
4. **Placement:** Carefully seat the O-Ring into its groove or onto the component. Ensure it is not twisted or stretched.
5. **Assembly:** Align the components and carefully bring them together, ensuring the O-Ring remains properly seated. Tighten fasteners to the vehicle manufacturer's specified torque settings. Overtightening can damage the O-Ring.
6. **Verification:** After assembly, visually inspect the installed O-Ring area for proper fitment.

## OPERATING PRINCIPLES

The FEL-PRO 35524 O-Ring functions by being compressed between two mating surfaces, creating a seal that prevents the passage of fluids or gases. When installed correctly, the O-Ring deforms slightly to fill any microscopic irregularities on the mating surfaces, forming a tight, leak-proof barrier. Its rubber material provides elasticity, allowing it to maintain this seal even under varying pressures and temperatures within its operational limits.

## MAINTENANCE

O-Rings are generally maintenance-free once installed. However, their longevity and performance depend on proper handling and storage prior to installation, and the integrity of the system they are part of.

### Storage:

- Store O-Rings in a cool, dry place away from direct sunlight, ozone-generating equipment (e.g., electric motors), and extreme temperatures.
- Keep O-Rings in their original packaging until ready for use to prevent contamination and damage.

### Inspection:

- Before installation, always inspect the O-Ring for any signs of damage, such as cuts, nicks, cracks, or permanent deformation.
- If replacing an old O-Ring, inspect the mating surfaces for wear, corrosion, or damage that could compromise the seal of the new O-Ring.

## TROUBLESHOOTING

Most issues related to O-Rings stem from improper installation or damage. If a leak occurs after installation, consider the following:

Problem	Possible Cause	Solution
Fluid/Gas Leak	Improper O-Ring seating (twisted, pinched)	Disassemble, inspect O-Ring and surfaces, re-lubricate, and reinstall carefully.
	Damaged O-Ring (cut, nicked during installation)	Replace O-Ring with a new one if damaged.
	Contaminated mating surfaces	Thoroughly clean mating surfaces before reassembly.
	Incorrect O-Ring size or material	Verify correct part number for your application.
	Overtightened or undertightened fasteners	Ensure fasteners are torqued to manufacturer specifications.
	Damaged mating surfaces	Repair or replace damaged components.

## SPECIFICATIONS

Attribute	Detail
Brand	Fel-Pro
Model	35524
Material	Rubber
Color	Assorted
Item Weight	0.32 ounces
Product Dimensions	6 x 4 x 1 inches
Manufacturer Part Number	35524
OEM Part Number	35524
UPC	084113825330

## WARRANTY AND SUPPORT

Fel-Pro products are manufactured to high standards. For specific warranty information, please refer to the official Fel-Pro website or contact their customer support directly. Keep your purchase receipt as proof of purchase.

For technical assistance or further inquiries, please visit the [Fel-Pro Store on Amazon](#) or their official corporate website.