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› Four Seasons 26816 A/C System O-Ring and Gasket Kit

Four Seasons 26816

Four Seasons 26816 A/C System O-Ring and Gasket Kit

Model: 26816 | Brand: Four Seasons

PRODUCT OVERVIEW

The Four Seasons 26816 A/C System O-Ring and Gasket Kit is designed to provide essential sealing components for automotive air conditioning systems. This kit contains a variety of O-rings and gaskets necessary for sealing connections within the A/C system, preventing refrigerant leaks and ensuring efficient operation.

Key features include:

- Comprehensive set of O-rings and gaskets for A/C system sealing.
- Manufactured by Four Seasons, a trusted brand in automotive climate control.
- Designed for reliable performance in A/C system repairs and maintenance.

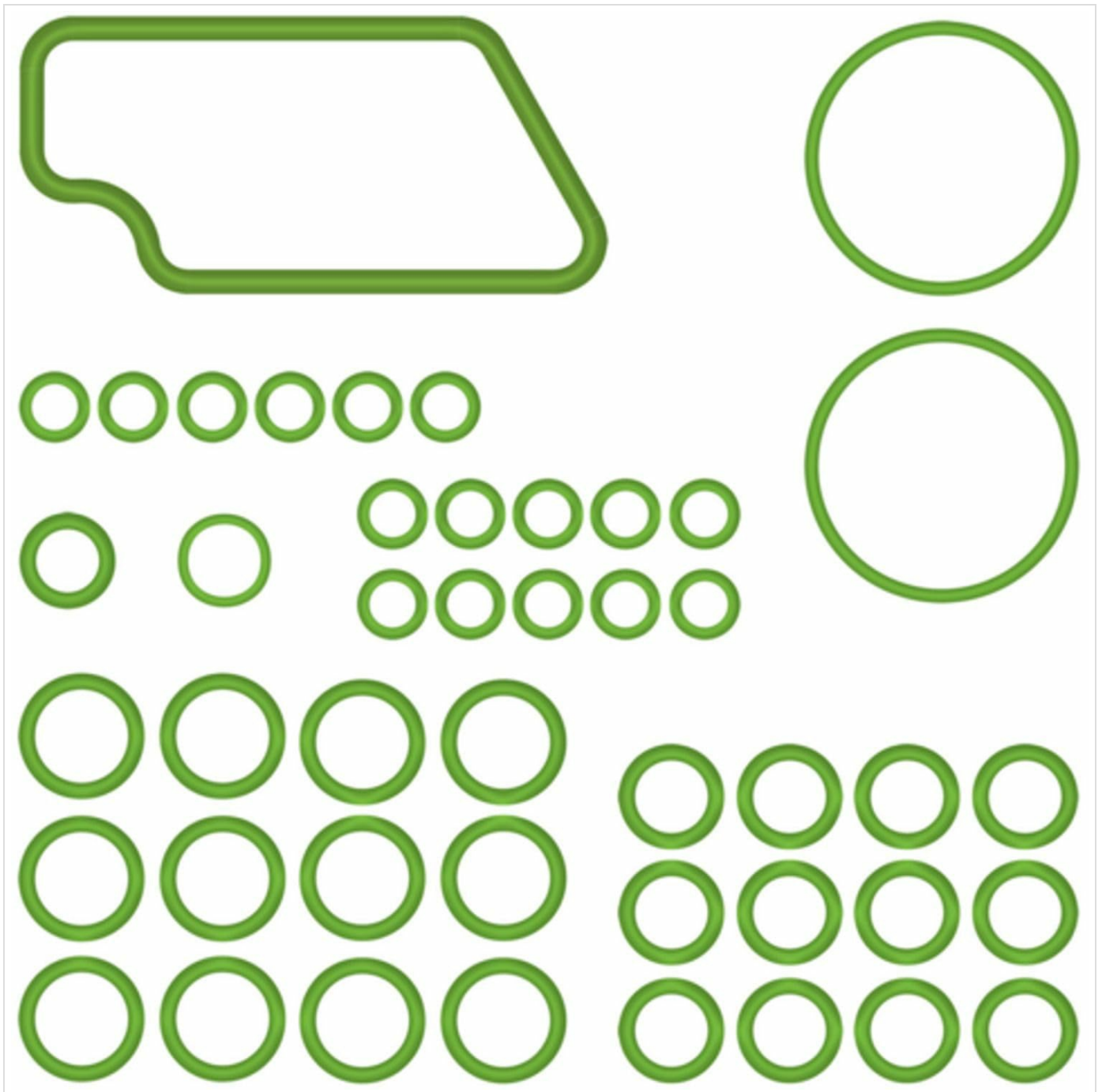


Image: A collection of green O-rings and gaskets, including various circular rings and one larger, irregularly shaped gasket, laid out against a white background. These components are crucial for sealing connections within an automotive air conditioning system.

SETUP AND INSTALLATION

Proper installation of O-rings and gaskets is critical for preventing refrigerant leaks and ensuring the longevity of your A/C system. Always refer to your vehicle's specific service manual for detailed instructions and torque specifications.

Preparation:

1. **Safety First:** Ensure the A/C system is fully discharged by a certified technician before beginning any work. Refrigerant can cause severe frostbite and is harmful if inhaled.
2. **Clean Surfaces:** Thoroughly clean all mating surfaces where the O-rings and gaskets will be installed. Remove any old gasket material, dirt, or corrosion. Use a non-abrasive cleaner that is safe for automotive components.
3. **Inspect Components:** Inspect the new O-rings and gaskets for any defects, tears, or deformities before installation.
4. **Lubrication:** Lightly lubricate new O-rings with a small amount of compatible refrigerant oil (e.g., PAG oil for R-134a

systems) before installation. This helps prevent pinching or tearing during assembly and aids in proper seating.

Installation Steps:

1. **Select Correct Size:** Match the new O-ring or gasket to the old one, ensuring it is the correct size and shape for the specific connection.
2. **Seat Properly:** Carefully seat the O-ring or gasket into its groove or onto the mating surface. Ensure it is not twisted or stretched.
3. **Assemble Components:** Bring the two components together, ensuring proper alignment. Tighten fasteners to the vehicle manufacturer's specified torque settings. Overtightening can damage O-rings and components, while undertightening can lead to leaks.
4. **System Evacuation and Recharge:** After replacing seals, the A/C system must be properly evacuated to remove air and moisture, and then recharged with the correct type and amount of refrigerant and oil. This step requires specialized equipment and should ideally be performed by a professional.

OPERATING CONSIDERATIONS

Once the A/C system has been properly sealed, evacuated, and recharged, it should operate efficiently. The O-rings and gaskets are passive components that facilitate the system's operation by maintaining a sealed environment for the refrigerant.

- **Initial Leak Check:** After recharging, perform a thorough leak check using an electronic leak detector or UV dye to confirm all new seals are holding pressure.
- **Monitor Performance:** Pay attention to the A/C system's cooling performance. A sudden decrease in cooling efficiency might indicate a new leak.

MAINTENANCE

O-rings and gaskets are wear items and their lifespan can be affected by various factors, including temperature fluctuations, vibration, and exposure to contaminants. While they do not require routine maintenance themselves, maintaining the overall health of your A/C system can prolong their effectiveness.

- **Regular System Checks:** Periodically inspect A/C lines and connections for signs of oil residue or refrigerant leaks, which can indicate a failing seal.
- **Proper Refrigerant Type:** Always use the correct type of refrigerant and oil specified for your vehicle. Incompatible fluids can degrade O-ring materials.
- **Avoid Contamination:** Ensure that no dirt, debris, or incompatible lubricants enter the A/C system during service.

TROUBLESHOOTING

If your A/C system is not performing correctly after replacing O-rings and gaskets, or if you suspect a leak, consider the following:

Common Issues:

- **Refrigerant Leak:** The most common issue. This can be due to improper installation, a damaged O-ring, or a leak elsewhere in the system (e.g., condenser, evaporator, compressor). Use a leak detector to pinpoint the exact location.
- **System Not Holding Vacuum:** Before recharging, the system must hold a vacuum. If it doesn't, there's still a leak. Re-check all connections and O-rings.
- **Poor Cooling Performance:** If the system is charged but cooling is inadequate, it could be due to an undercharge

(slow leak), an overcharge, a faulty component (compressor, expansion valve), or air/moisture in the system.

Recommendation: Diagnosing and repairing A/C system issues often requires specialized tools and knowledge. If you are unsure about the cause of a problem, it is highly recommended to consult a qualified automotive technician.

SPECIFICATIONS

Attribute	Detail
Part Number	26816
Brand	Four Seasons
Material	Rubber
Package Weight	0.46 pounds
Package Dimensions (L x W x H)	4.18" x 2.69" x 1.36"
Unit Count	1.0 Count (referring to the kit)
UPC	096361268166

WARRANTY AND SUPPORT

For specific warranty information regarding the Four Seasons 26816 A/C System O-Ring and Gasket Kit, please refer to the documentation included with your purchase or contact Four Seasons directly through their official website or customer service channels. Warranty terms typically cover manufacturing defects.

For technical support or assistance with product selection and application, it is recommended to consult with a certified automotive parts specialist or a professional mechanic.

Manufacturer Contact: [Four Seasons Official Website](#)