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› Four Seasons 26745 O-Ring & Gasket Air Conditioning System Seal Kit User Manual

Four Seasons 26745



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MODEL: 26745

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of the Four Seasons 26745 O-Ring & Gasket Air Conditioning System Seal Kit. This kit is designed to replace worn or damaged seals within your vehicle's air conditioning system, restoring its integrity and preventing refrigerant leaks. Adhering to these instructions will help ensure the longevity and efficient performance of your A/C system.



Image: A range of automotive air conditioning components, illustrating the complex system where these seals are applied.

Setup and Installation

Proper installation of O-rings and gaskets is critical for preventing refrigerant leaks and ensuring the efficient operation of your vehicle's air conditioning system. It is recommended that this procedure be performed by a qualified automotive technician.

Required Tools and Materials:

- Appropriate wrenches and sockets
- Refrigerant recovery and recharge equipment
- A/C system vacuum pump
- A/C system leak detector
- Approved PAG or POE compressor oil (compatible with your system)
- Clean lint-free cloths

Installation Steps:

1. **Safety First:** Ensure the vehicle's engine is off and cool. Disconnect the battery's negative terminal.
2. **Refrigerant Recovery:** Safely recover all refrigerant from the A/C system using certified equipment. Do not vent refrigerant into the atmosphere.
3. **Component Access:** Carefully remove the A/C components (e.g., compressor, condenser, evaporator, lines) that require seal replacement. Refer to your vehicle's service manual for specific removal procedures.
4. **Old Seal Removal:** Gently remove the old O-rings and gaskets from their grooves. Inspect the mating surfaces for corrosion, scratches, or debris. Clean these surfaces thoroughly with a lint-free cloth.
5. **New Seal Preparation:** Select the correct size and type of O-ring or gasket from the kit for each connection. Apply a thin, even coat of approved A/C compressor oil to the new seals. This lubrication aids in installation and helps prevent damage to the seal.
6. **Seal Installation:** Carefully seat the lubricated O-rings and gaskets into their respective grooves. Ensure they are not twisted or pinched.
7. **Reassembly:** Reinstall the A/C components, ensuring all connections are properly aligned and tightened to the manufacturer's specified torque values.
8. **Vacuum Test:** Evacuate the A/C system using a vacuum pump for at least 30-60 minutes to remove air and moisture. Monitor the vacuum level to ensure it holds steady, indicating no leaks.
9. **Refrigerant Recharge:** Recharge the system with the correct type and amount of refrigerant as specified by your vehicle manufacturer.
10. **Leak Detection:** After recharging, use an A/C leak detector to check all connections and components for any signs of refrigerant leakage.

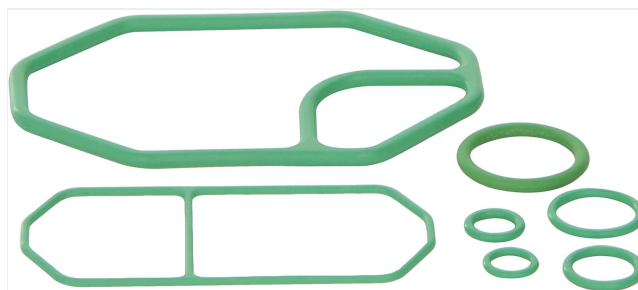


Image: The Four Seasons 26745 O-Ring & Gasket Kit, featuring various sizes and shapes of green rubber seals designed for automotive A/C systems.

Operating Considerations

Once the Four Seasons 26745 O-Ring & Gasket Kit has been correctly installed and the A/C system has been properly recharged and tested for leaks, the air conditioning system should operate as intended. The

primary function of these seals is to maintain the integrity of the refrigerant circuit, allowing the system to cool effectively without loss of refrigerant.

- **System Activation:** Turn on your vehicle's A/C system and verify that cold air is being produced.
- **Performance Check:** Monitor the system's cooling performance over the next few days. Any noticeable decrease in cooling or unusual noises could indicate an issue.

Maintenance

While the O-rings and gaskets themselves are designed for long-term sealing, regular maintenance of the overall A/C system can extend their lifespan and ensure continued performance.

- **Regular System Checks:** Have your A/C system inspected annually by a qualified technician. This includes checking refrigerant levels and overall system pressure.
- **Leak Detection:** If you suspect a leak (e.g., reduced cooling, unusual odors), have the system professionally checked for leaks promptly. Early detection can prevent more extensive damage.
- **Proper Lubrication:** Ensure the A/C compressor oil is at the correct level and type, as proper lubrication is vital for all internal components, including seals.

Troubleshooting

If your A/C system is not performing correctly after installing new seals, consider the following common issues:

- **Reduced Cooling or No Cooling:**
 - **Possible Cause:** Refrigerant leak.
 - **Action:** Re-check all connections where new seals were installed using a leak detector. Ensure proper torque was applied. A professional A/C service may be required to pinpoint the leak source.
- **System Not Holding Vacuum:**
 - **Possible Cause:** Improperly seated O-ring or gasket, damaged seal during installation, or a leak elsewhere in the system.
 - **Action:** Re-inspect all installed seals for proper seating and condition. Ensure all components are correctly assembled.
- **Unusual Noises:**
 - **Possible Cause:** Incorrectly installed components, or a separate issue with the A/C compressor or other moving parts.
 - **Action:** Verify all components are securely fastened. If noises persist, consult a professional.

For complex issues or if you are unsure about any step, it is always best to consult a certified automotive A/C technician.

Specifications

Feature	Detail
Part Number	26745

Material	Rubber
Item Weight	1.6 ounces
Product Dimensions	0.6 x 5 x 6 inches
Color	Green

Warranty and Support

For specific warranty information regarding the Four Seasons 26745 O-Ring & Gasket Air Conditioning System Seal Kit, please refer to the documentation provided with your purchase or contact Four Seasons customer support directly. General product support and technical assistance can be obtained through the manufacturer's official channels.

For further assistance, please visit the [Four Seasons brand page on Amazon](#) or their official website.