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› Four Seasons 68341 A/C Compressor Instruction Manual

Four Seasons 68341

Four Seasons 68341 A/C Compressor Instruction Manual

Model: 68341 | Brand: Four Seasons

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Four Seasons 68341 A/C Compressor. Please read this manual thoroughly before attempting any installation or service to ensure safe and effective use of the product. This compressor is designed as a replacement component for automotive air conditioning systems.

2. PRODUCT OVERVIEW

The Four Seasons 68341 A/C Compressor is a critical component of your vehicle's air conditioning system, responsible for circulating refrigerant and compressing it to facilitate the cooling process. This unit is a Denso 10SR17C Compressor, engineered for reliable performance.



Image 1: Front view of the Four Seasons 68341 A/C Compressor, showing the clutch and main body.

Package Contents:

- 1 x Denso 10SR17C Compressor (Four Seasons 68341)

The package dimensions are approximately 12.4" L x 8.78" W x 7.35" H, with a package weight of 13.71 lbs.

3. SETUP AND INSTALLATION

WARNING: Installation of an A/C compressor involves handling refrigerants and specialized tools. It is highly recommended that installation be performed by a certified automotive technician. Improper installation can lead to system damage, personal injury, or environmental harm.

Before installing the new compressor, ensure the following steps are completed:

1. **System Flush:** The entire A/C system (condenser, evaporator, lines) must be thoroughly flushed to remove old oil, debris, and contaminants from the previous compressor failure. Failure to do so will void the warranty and likely cause premature failure of the new compressor.
2. **Orifice Tube/Expansion Valve Replacement:** Always replace the orifice tube or expansion valve. These components can harbor debris and restrict refrigerant flow.

3. **Accumulator/Receiver Drier Replacement:** Always replace the accumulator or receiver drier. These components absorb moisture and filter debris, and their capacity is depleted over time or after a system breach.
4. **Proper Lubrication:** Add the correct type and amount of PAG oil (or specified oil) to the new compressor as per vehicle manufacturer specifications. The Four Seasons 68341 compressor typically comes pre-filled with a base amount of oil, but vehicle-specific requirements must be met.
5. **Vacuum and Recharge:** After installation, evacuate the A/C system to remove air and moisture, then recharge with the correct type and amount of refrigerant (e.g., R-134a) according to the vehicle manufacturer's specifications.
6. **Leak Check:** Perform a thorough leak check using appropriate detection methods.



Image 2: Side view of the Four Seasons 68341 A/C Compressor, highlighting the electrical connector and mounting points.

Refer to your vehicle's specific service manual for detailed removal and installation procedures, torque specifications, and refrigerant/oil capacities.

4. OPERATING INSTRUCTIONS

Once the Four Seasons 68341 A/C Compressor is correctly installed and the system is properly charged, its

operation is integrated with your vehicle's climate control system. The compressor engages when the A/C system is activated, typically by pressing the A/C button on your dashboard.

- **Activation:** Turn on your vehicle's engine and select the A/C function on your climate control panel.
- **Temperature Control:** Adjust the temperature settings to your desired comfort level. The system will regulate compressor cycling to maintain the set temperature.
- **Fan Speed:** Adjust the fan speed for optimal airflow.
- **Defrost Function:** The A/C compressor often operates during defrost modes to remove humidity from the cabin air, helping to clear fogged windows more quickly.

Listen for unusual noises (grinding, squealing) or observe any reduction in cooling performance, which could indicate a potential issue.

5. MAINTENANCE

Regular maintenance of your vehicle's A/C system can extend the life of your Four Seasons 68341 A/C Compressor and ensure efficient cooling.

- **Regular Use:** Operate your A/C system for at least 10-15 minutes once a month, even in cold weather. This helps to keep seals lubricated and prevents refrigerant leaks.
- **System Checks:** Have your A/C system inspected annually by a qualified technician. They can check refrigerant levels, inspect belts and hoses, and ensure proper system pressure.
- **Cabin Air Filter:** Replace your cabin air filter regularly (as per vehicle manufacturer recommendations) to ensure good airflow and prevent strain on the system.
- **Condenser Cleaning:** Keep the condenser (located in front of the radiator) free of debris (leaves, bugs, dirt) to ensure efficient heat exchange.

6. TROUBLESHOOTING

If you experience issues with your A/C system after installing the Four Seasons 68341 A/C Compressor, consider the following common troubleshooting steps. For complex issues, consult a professional automotive technician.

- **No Cold Air:**
 - Check refrigerant levels. Low refrigerant is a common cause.
 - Inspect the compressor clutch for engagement when A/C is turned on.
 - Verify electrical connections to the compressor.
 - Check for blown fuses related to the A/C system.
- **Weak Airflow:**
 - Check cabin air filter for blockage.
 - Ensure blower motor is functioning correctly.
- **Unusual Noises:**
 - Squealing could indicate a loose or worn serpentine belt.
 - Grinding or rattling from the compressor area may suggest internal compressor issues or clutch problems.
- **Compressor Not Engaging:**

- Low refrigerant pressure switch may prevent engagement.
- Faulty pressure switch or relay.
- Electrical issue with the clutch coil.

Always ensure safety precautions are followed when inspecting automotive components.

7. SPECIFICATIONS

Key specifications for the Four Seasons 68341 A/C Compressor:

Feature	Detail
Brand	Four Seasons
Manufacturer Part Number	68341
Model	Denso 10SR17C Compressor
Item Weight	14.2 pounds
Product Dimensions	11.3 x 7.3 x 8 inches
Exterior Finish	Machined
ASIN	B008PIGNXC
First Available Date	July 26, 2012

8. WARRANTY AND SUPPORT

For specific warranty information regarding your Four Seasons 68341 A/C Compressor, please refer to the documentation provided with your purchase or contact Four Seasons customer support directly. Warranty terms typically cover manufacturing defects and may require proof of professional installation and adherence to proper installation procedures.

For technical support or inquiries, please visit the official Four Seasons website or contact their customer service department. Always provide your product model number (68341) and purchase details when seeking support.