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## Four Seasons 35511

# Four Seasons/Trumark 35511 Blower Motor without Wheel Instruction Manual

Model: 35511

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Four Seasons/Trumark 35511 Blower Motor without Wheel. This product is designed to meet or exceed original equipment (OE) fit, form, and function standards, ensuring reliable performance in automotive heating and climate control systems.

Key features include:

- Meets or exceeds OE design and performance specifications.
- Magnetic properties comparable to or exceeding OEM standards.
- Windings meet or exceed OEM specifications for durability.
- Motor RPM equivalent to or exceeding OEM motor performance.
- Single shaft, closed, CW/CCW rotation blower motor, supplied without wheel.



Image: The Four Seasons/Trumark 35511 Blower Motor, a black cylindrical motor with a metal shaft extending from one end and two electrical wires (one red, one black) emerging from the other end. Two threaded mounting studs are visible on the motor casing.

## INSTALLATION GUIDELINES

Proper installation is crucial for the safe and effective operation of the blower motor. It is recommended that installation be performed by a qualified automotive technician.

1. **Safety First:** Disconnect the vehicle's battery before beginning any electrical work to prevent electrical shock or damage to the vehicle's systems.
2. **Access:** Locate and access the existing blower motor assembly in your vehicle. This typically involves removing dashboard components or accessing from under the hood.
3. **Removal of Old Motor:** Carefully disconnect the electrical connector and any mounting hardware securing the old blower motor. Remove the old motor. Note the orientation of the old motor and any associated components.
4. **Blower Wheel Transfer (if applicable):** This product is supplied without a blower wheel. If your application requires transferring the existing blower wheel, ensure it is removed carefully from the old motor shaft and securely attached to the shaft of the new Four Seasons/Trumark 35511 motor. Ensure the wheel is balanced and free of damage.
5. **New Motor Installation:** Position the new blower motor in the housing, ensuring proper alignment with mounting points. Secure it with the appropriate hardware.
6. **Electrical Connection:** Connect the electrical wiring to the new motor. Ensure connections are secure and free from corrosion.
7. **Testing:** Before reassembling all components, reconnect the vehicle's battery and test the blower motor's operation at various fan speeds to confirm proper function.

8. **Reassembly:** Reassemble all removed components in reverse order of disassembly.

Refer to your vehicle's specific service manual for detailed instructions pertinent to your make and model.

## OPERATING INSTRUCTIONS

The Four Seasons/Trumark 35511 Blower Motor operates as an integral part of your vehicle's heating, ventilation, and air conditioning (HVAC) system. Once correctly installed, its operation is controlled directly by the vehicle's climate control system.

- **Fan Speed Control:** Adjust the fan speed settings on your vehicle's dashboard controls to regulate the airflow from the vents. The blower motor will respond accordingly, increasing or decreasing its rotational speed.
- **Temperature Control:** The blower motor works in conjunction with the heater core and evaporator to circulate conditioned air. Adjusting the temperature setting will not directly change the blower motor's speed but will affect the temperature of the air it moves.
- **Mode Selection:** Selecting different airflow modes (e.g., defrost, floor, vent) will direct the air moved by the blower motor to the desired outlets.

Ensure that the vehicle's air intake is clear of obstructions (leaves, debris) to allow for optimal airflow and prevent strain on the blower motor.

## MAINTENANCE

The Four Seasons/Trumark 35511 Blower Motor is designed for long-term reliability with minimal maintenance. However, periodic checks of related components can help ensure its longevity and optimal performance.

- **Cabin Air Filter:** Regularly inspect and replace your vehicle's cabin air filter according to the manufacturer's recommendations. A clogged filter can restrict airflow, causing the blower motor to work harder and potentially shortening its lifespan.
- **Debris Removal:** Periodically check the blower motor housing and air intake for accumulated leaves, dirt, or other debris. Remove any obstructions to ensure unrestricted airflow.
- **Electrical Connections:** During routine vehicle inspections, check the electrical connections to the blower motor for corrosion or looseness. Ensure they are clean and secure.
- **Blower Wheel Inspection:** If accessible, inspect the blower wheel for damage or excessive dirt buildup. A dirty or damaged wheel can cause imbalance, noise, and reduced airflow.

No internal lubrication or servicing of the motor itself is typically required.

## TROUBLESHOOTING

If you experience issues with your vehicle's HVAC system after installing the blower motor, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
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Symptom	Possible Cause	Solution
<b>Blower motor not operating at all.</b>	Blown fuse, faulty electrical connection, defective blower motor resistor, or wiring issue.	Check vehicle fuses related to the HVAC system. Inspect electrical connections for security and corrosion. Test the blower motor resistor. Consult a qualified technician for wiring diagnostics.
<b>Blower motor only works on high speed.</b>	Faulty blower motor resistor.	Replace the blower motor resistor.
<b>Weak or reduced airflow.</b>	Clogged cabin air filter, obstructed air intake, or damaged blower wheel.	Inspect and replace the cabin air filter. Clear any debris from the air intake. Inspect the blower wheel for damage or excessive dirt.
<b>Unusual noises (squealing, rattling).</b>	Debris in the blower housing, worn motor bearings, or unbalanced/damaged blower wheel.	Remove debris from the housing. If noises persist, the motor bearings may be worn, or the blower wheel may be damaged, requiring further inspection or replacement.

If these steps do not resolve the issue, it is recommended to seek assistance from a certified automotive repair professional.

## PRODUCT SPECIFICATIONS

Feature	Detail
<b>Brand</b>	Four Seasons/Trumark
<b>Model Number</b>	35511
<b>Speed</b>	1000 RPM
<b>Voltage</b>	230 Volts
<b>Horsepower</b>	0.33 Horsepower
<b>Material</b>	Alloy Steel
<b>Item Weight</b>	1.9 Pounds (0.86 kg)
<b>Product Dimensions</b>	8 x 4 x 4 inches (20.32 x 10.16 x 10.16 cm)
<b>UPC</b>	096361355118
<b>Manufacturer Part Number</b>	35511

## WARRANTY INFORMATION

Specific warranty details for the Four Seasons/Trumark 35511 Blower Motor are provided by the manufacturer. Please refer to the warranty documentation included with your purchase or visit the official Four Seasons website for comprehensive information regarding warranty coverage, terms, and conditions.

Retain your proof of purchase for any warranty claims.

## **CUSTOMER SUPPORT**

For technical assistance, installation questions, or warranty inquiries, please contact Four Seasons customer support. Contact information can typically be found on the product packaging or the official Four Seasons website.

When contacting support, please have your product model number (35511) and proof of purchase readily available.

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This manual is for informational purposes only. Specifications are subject to change without notice.