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› SCITOO HVAC Heater Blower Motor with Fan Cage Front 700039 User Manual

SCITOO 058444-5206-1538573

SCITOO HVAC Heater Blower Motor with Fan Cage Front 700039 User Manual

Brand: SCITOO | Model: 058444-5206-1538573

1. PRODUCT OVERVIEW

The SCITOO HVAC Heater Blower Motor with Fan Cage Front 700039 is a replacement component designed for the heating and air conditioning system of various vehicles. This motor is responsible for propelling air through the vehicle's ventilation system, ensuring proper climate control within the cabin.



Image 1: SCITOO HVAC Heater Blower Motor with Fan Cage. This image displays the complete blower motor assembly, highlighting its compact design and integrated fan cage.

Key features of this blower motor include direct replacement compatibility, strong airflow, low noise operation, and durable, reliable construction. It is manufactured to meet OEM standards, ensuring performance comparable to the original part.

AC Blower Motor Details



00 • 01

Strong airflow

00 • 02

Superior material



00 • 03

Balanced ventilation

Image 2: AC Blower Motor Details. This image illustrates the design elements contributing to strong airflow, the use of superior materials, and balanced ventilation for optimal performance.

2. PRODUCT FEATURES

- **Direct Replacement:** Designed for a precise fit and function, allowing for straightforward installation.
- **Strong Airflow:** Engineered to provide robust air movement for effective heating and cooling.
- **Low Noise Operation:** Constructed to minimize operational noise, contributing to a quieter cabin environment.

- **Durable & Reliable:** Made with high-quality plastics and advanced manufacturing techniques for extended service life.
- **Multiple Speed Settings:** Supports various speed settings to customize airflow according to user needs.

Heater Blower Motor Structure



Image 3: Heater Blower Motor Structure. This diagram breaks down the blower motor into its main components: blower fan, motor, housing, brush holder, and capacitor.

3. COMPATIBILITY

This SCITOO HVAC Heater Blower Motor (Part Number 700039) is compatible with a range of vehicles. Please verify your vehicle's make, model, and year against the lists below to ensure proper fitment. The OEM reference numbers for this part include 87103-42020, NA01-61-B10, MB657229, 2311538, and PM3785.

Compatible Vehicle Models:

Mazda & Mitsubishi

For MAZDA Miata: 1990-1997 (Front)

For Mitsubishi Expo: 1992-1995 (Front)

For Mitsubishi Montero: 1992-1999 (Front)

Toyota & Eagle

For Toyota MR2: 1991-1995 (Front)

For Toyota Paseo: 1992-1998 (Front)

For Toyota Pickup: 1989-1995 (Front)

For Toyota RAV4: 1996-2000 (Front)

For Toyota T100: 1993-1998 (Front)

For Toyota Tercel: 1991-1998 (Front)

For Eagle Summit: 1992-1996 (Front)

Blower Motor Fitment



• Compatible With Models:

Year	Make	Model	Engine
• 1990-1993	For Mazda	For Miata	1.6L
• 1994-1997	For Mazda	For Miata	1.8L
• 1992-1995	For Mitsubishi	For Expo	2.4L
• 1992-1996	For Mitsubishi	For Montero	3.0L
• 1994-1999	For Mitsubishi	For Montero	3.5L
• 1991-1995	For Toyota	For MR2	2.0L

• Reference Number:

87103-42020, NA01-61-B10, 700039, MB657229, 2311538, PM3785

Image 4: Blower Motor Fitment Chart (Part 1). This image provides a visual reference for compatible Mazda and Mitsubishi models, including years and engine sizes.

Blower Motor Fitment



 • Compatible With Models:

Year	Make	Model	Engine
• 1991-1995	For Toyota	For MR2	2.2L
• 1992-1998	For Toyota	For Paseo	1.5L
• 1989-1995	For Toyota	For Pickup	2.4L
• 1989-1995	For Toyota	For Pickup	3.0L
• 1998-2000	For Toyota	For RAV4	
• 1996-2000	For Toyota	For RAV4	2.0L
• 1994-1998	For Toyota	For T100	2.7L
• 1993-1994	For Toyota	For T100	3.0L
• 1995-1998	For Toyota	For T100	3.4L
• 1991-1998	For Toyota	For Tercel	1.5L

Image 5: Blower Motor Fitment Chart (Part 2). This image provides a visual reference for compatible Toyota models, including years and engine sizes.

4. PRODUCT SPECIFICATIONS

Specification	Detail
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Specification	Detail
Placement on Vehicle	Front
Style	Flanged
Vented	Yes
Material	Plastic & Steel
Flanged End	Yes
Number of Terminals	2
Terminals Type	2 Terminal Connector
Working Voltage	12V
Connector Gender	Female
Cage Wheel Included	Yes
Product Dimensions	19.3 x 19.56 x 19.56 cm
Item Weight	1.3 kg
Item Model Number	058444-5206-1538573
UPC	198519877418



- Placement on Vehicle: **Front**
- Working Voltage: **12V**
- Rotation: **Counterclockwise**
- Connector Count: **2**
- Connector Gender: **Male**
- Package Contents: **1x Blower Motor/ wheel**

Image 6: HVAC Heater Blower Motor Specifications. This image visually presents key specifications such as placement, working voltage, rotation, and connector details.

5. INSTALLATION

The SCITOO HVAC Heater Blower Motor is designed for easy and quick installation as a plug-and-play module. No special tools are typically required for its replacement. It is recommended to consult your vehicle's specific service manual for detailed steps on accessing and replacing the blower motor, as procedures may vary by model.

General Installation Steps (Consult Vehicle Manual for Specifics):

1. Locate the existing blower motor, typically found under the dashboard on the passenger side.
2. Disconnect the vehicle's battery to prevent electrical hazards.
3. Remove any panels or components obstructing access to the blower motor.
4. Disconnect the electrical connector from the old blower motor.
5. Unscrew or unclip the old blower motor from its housing.
6. Carefully remove the old blower motor.
7. Install the new SCITOO blower motor, ensuring it seats correctly in the housing.
8. Secure the new blower motor with screws or clips.
9. Reconnect the electrical connector.
10. Reinstall any removed panels or components.
11. Reconnect the vehicle's battery and test the HVAC system.



Havc Heater Blower Motor

Please check if this blower is suitable for your car before purchasing!!!



Image 7: Mechanic installing HVAC Heater Blower Motor. This image shows a professional working on a car's engine bay, indicating the context of blower motor replacement.

6. OPERATION

The blower motor is a critical component of your vehicle's heating, ventilation, and air conditioning (HVAC) system. It functions by drawing in ambient air and propelling it through the heat exchangers (heater core for warm air, evaporator for cool air) and then distributing it into the car cabin through the vents.

When the HVAC system is activated, the blower motor operates to circulate air. The speed of the blower motor can typically be adjusted via the vehicle's climate control settings, allowing you to control the intensity of airflow for heating or cooling.

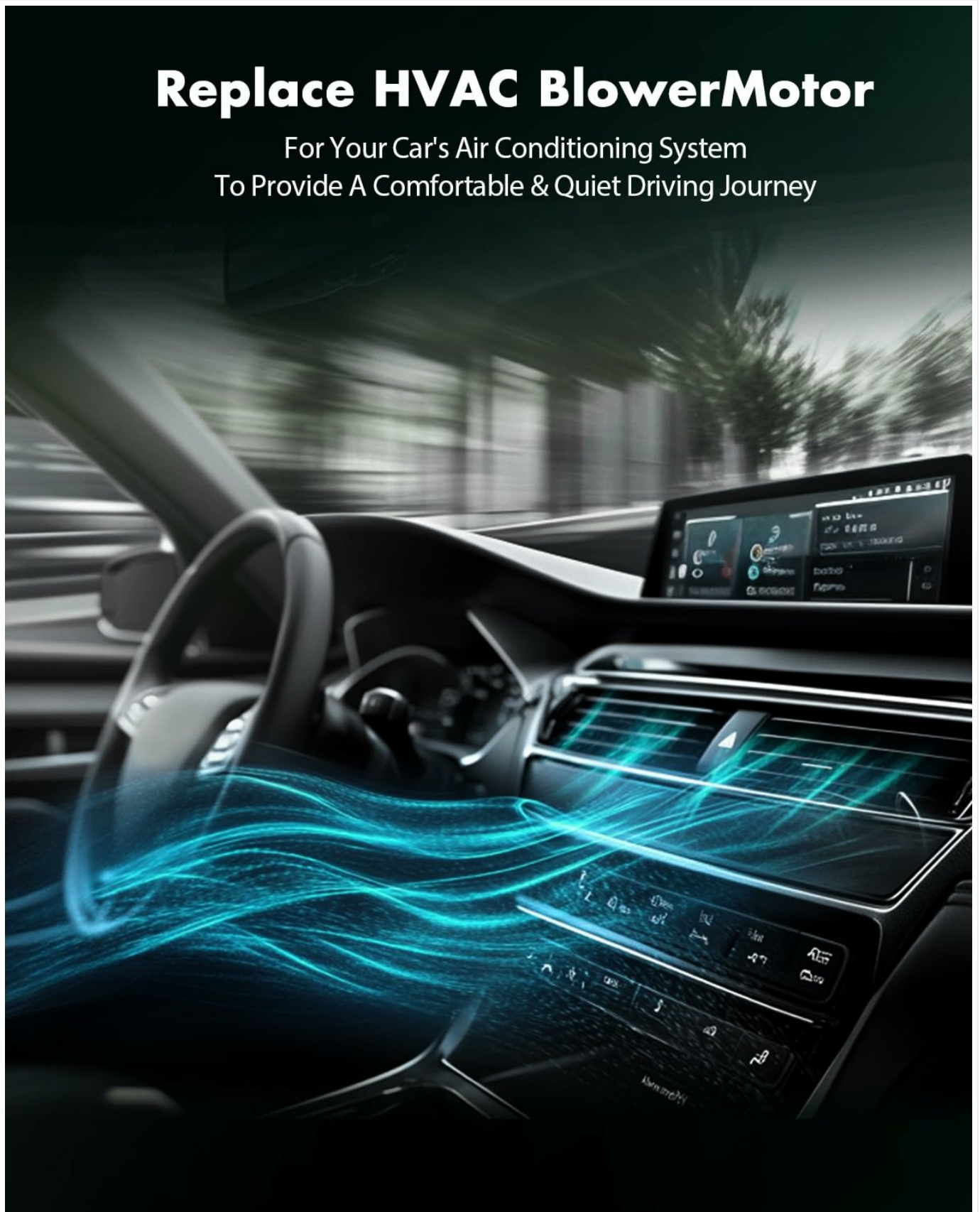


Image 8: Car interior with air flowing from vents. This image depicts the air distribution within a car cabin, demonstrating the function of the HVAC system and blower motor.

Your browser does not support the video tag.

Video 1: SCITOO Blower Motor Overview. This video provides an overview of the blower motor's function within the vehicle's HVAC

system, highlighting its role in air circulation and climate comfort. It also demonstrates the product's features and compatibility.

7. MAINTENANCE

Regular maintenance of your vehicle's HVAC system can help prolong the life of the blower motor. This typically includes:

- **Cabin Air Filter Replacement:** Periodically check and replace the cabin air filter. A clogged filter can restrict airflow, causing the blower motor to work harder and potentially shorten its lifespan.
- **Debris Removal:** Ensure that no foreign objects or debris enter the blower motor housing, as these can cause damage or noise.

8. TROUBLESHOOTING

If your vehicle's HVAC system is not circulating air effectively, or if you notice unusual noises, the blower motor may be malfunctioning. Common symptoms of a faulty blower motor include:

- **No Airflow:** The most direct sign of a failed blower motor is a complete lack of air coming from the vents, even when the fan speed is set high.
- **Weak Airflow:** If the air coming from the vents is weak, it could indicate a failing motor or a clogged cabin air filter.
- **Unusual Noises:** Grinding, squealing, whining, or clicking noises from the dashboard area when the fan is on can suggest worn bearings or debris in the blower motor. Some users have reported a 'whiny noise on all speeds' or 'bad noise when cold' that eventually dissipates, which may indicate early wear.
- **Inconsistent Fan Speed:** The fan speed may fluctuate or only work on certain settings.

If these symptoms occur, it is likely that the blower motor needs to be inspected or replaced. A damaged blower motor will prevent the AC system from circulating heated or cooled air effectively.

9. WARRANTY AND SUPPORT

SCITOO is committed to providing high-quality automotive parts. This product is subject to a return policy allowing for refund or replacement within 30 days of purchase.

If you encounter any problems before or after your purchase, or have questions regarding the product, please contact SCITOO customer support. We will endeavor to assist you in resolving any issues.

Contact Information: Please refer to your purchase platform or product packaging for specific contact details, or reach out via email as suggested in the product video for prompt assistance.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question