

[Manuals.plus](#) /

› [Dorman](#) /

› Dorman 620-813 A/C Condenser Fan Assembly User Manual

Dorman 620-813

User Manual for Dorman 620-813 A/C Condenser Fan Assembly

Brand: Dorman

Model: 620-813

INTRODUCTION

This A/C condenser fan assembly is precision-engineered to match the fit and performance of the stock condenser fan on specific vehicle years, makes and models. It has been rigorously tested to ensure it functions as effectively as the original part.

PRODUCT FEATURES

- **Ideal replacement:** This air conditioner condenser fan assembly is engineered to match the fit and performance of the stock condenser fan on specific vehicles.
- **Complete package:** Assembly is designed with the same materials and components as the original part.
- **Quality assured:** Components are tested in laboratory settings to ensure performance.
- **Cost effective and reliable:** Trustworthy manufacturing for far less than same part at the dealership.
- **Ensure fit:** To make sure this part fits your exact vehicle, input your make, model and trim level into the Amazon Garage.

PRODUCT OVERVIEW



Figure 1: The complete Dorman 620-813 A/C Condenser Fan Assembly, showcasing the fan blades and housing.

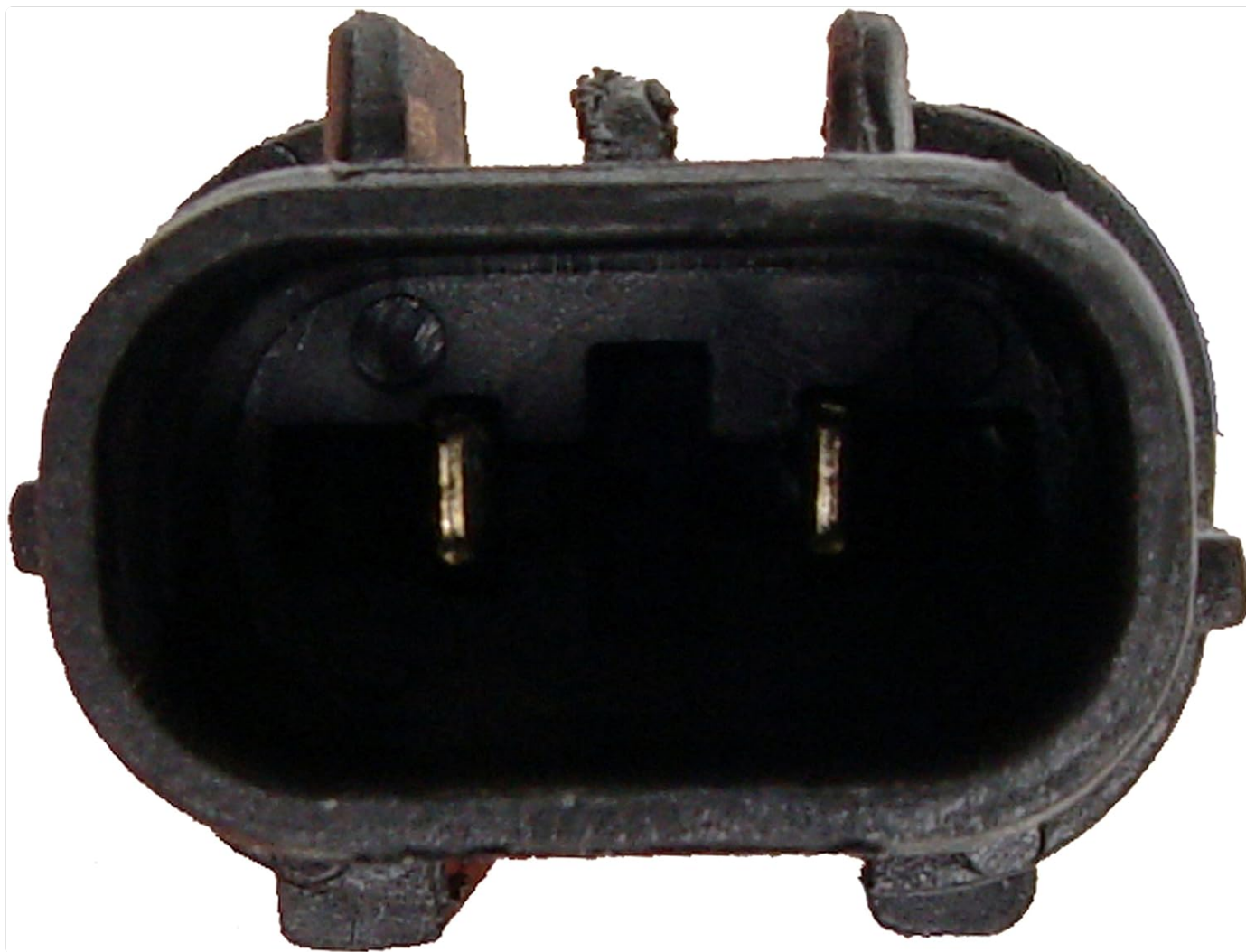


Figure 2: Close-up view of the electrical connector on the Dorman 620-813 A/C Condenser Fan Assembly, ensuring proper fitment.

INSTALLATION

Installation of the Dorman 620-813 A/C Condenser Fan Assembly typically involves removing the old fan assembly and securing the new unit in its place. This process may require disconnecting the battery, draining coolant (if applicable), and carefully detaching electrical connectors and mounting bolts. Due to the complexity and critical nature of automotive cooling systems, professional installation by a certified mechanic is highly recommended to ensure proper function and vehicle safety. Always refer to your vehicle's specific service manual for detailed, model-specific installation instructions.

OPERATION

The A/C condenser fan assembly plays a crucial role in your vehicle's air conditioning and engine cooling systems. When the air conditioning is active, the fan draws air through the condenser, helping to dissipate heat from the refrigerant. This process is essential for the A/C system to cool the cabin effectively. Additionally, the fan assists in cooling the engine by drawing air through the radiator, especially when the vehicle is stationary or moving at low speeds, preventing overheating. The fan operates automatically, controlled by the vehicle's engine control unit (ECU) based on temperature readings from the engine and A/C system.

MAINTENANCE

Regular inspection of your A/C condenser fan assembly is recommended to ensure optimal performance. Check for any signs of damage to the fan blades, such as cracks or bends, which can cause imbalance and noise. Inspect the electrical connections for corrosion or looseness. Keep the fan blades and shroud free from debris, leaves, and dirt, as blockages can impede airflow and reduce cooling efficiency. If you notice unusual noises, reduced A/C performance, or signs of engine overheating, have the fan assembly inspected by a qualified technician.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan not operating	Blown fuse, faulty relay, wiring issue, defective motor.	Check and replace fuse/relay. Inspect wiring for damage. Test motor for continuity. Consult a professional.
Excessive noise from fan	Damaged fan blades, worn bearings, debris caught in fan.	Inspect blades for damage and replace if necessary. Clear any debris. If bearings are worn, replacement of the assembly may be required.
Engine overheating (especially at idle)	Fan not engaging, insufficient airflow, coolant issues.	Verify fan operation. Check for obstructions in front of radiator/condenser. Ensure proper coolant levels. Seek professional diagnosis.

For complex issues or if you are unsure about performing repairs, it is always best to consult a qualified automotive technician.

SPECIFICATIONS

Attribute	Value
Brand	Dorman
Model Name	Dorman 620-813
Voltage	12 Volts
Material	Plastic
Item Weight	3 Pounds
Product Dimensions	20.55 x 5.75 x 16.38 inches
Manufacturer Part Number	620-813
OEM Part Number	610580; 75368; CF16016; FA70142; SK620813; 97730-2D000; 97735-2D000; 97737-25000; 97786-2D000; 977862C000

WARRANTY AND SUPPORT

Dorman products are backed by a commitment to quality and customer satisfaction. For specific warranty information regarding your Dorman 620-813 A/C Condenser Fan Assembly, please refer to the packaging or visit the official Dorman website. Should you encounter any issues with your product or require assistance with installation, Dorman offers support from their ASE Blue Seal certified technical support team. Contact information can typically be found on the product packaging or Dorman's official website.

© 2023 Dorman Products. All rights reserved.

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