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› **JEGS 52062 Aluminum Fan Shroud Instruction Manual**

## JEGS 52062

# JEGS 52062 Aluminum Fan Shroud Instruction Manual

Model: 52062

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JEGS 52062 Aluminum Fan Shroud. Please read these instructions carefully before beginning installation to ensure proper function and longevity of the product.

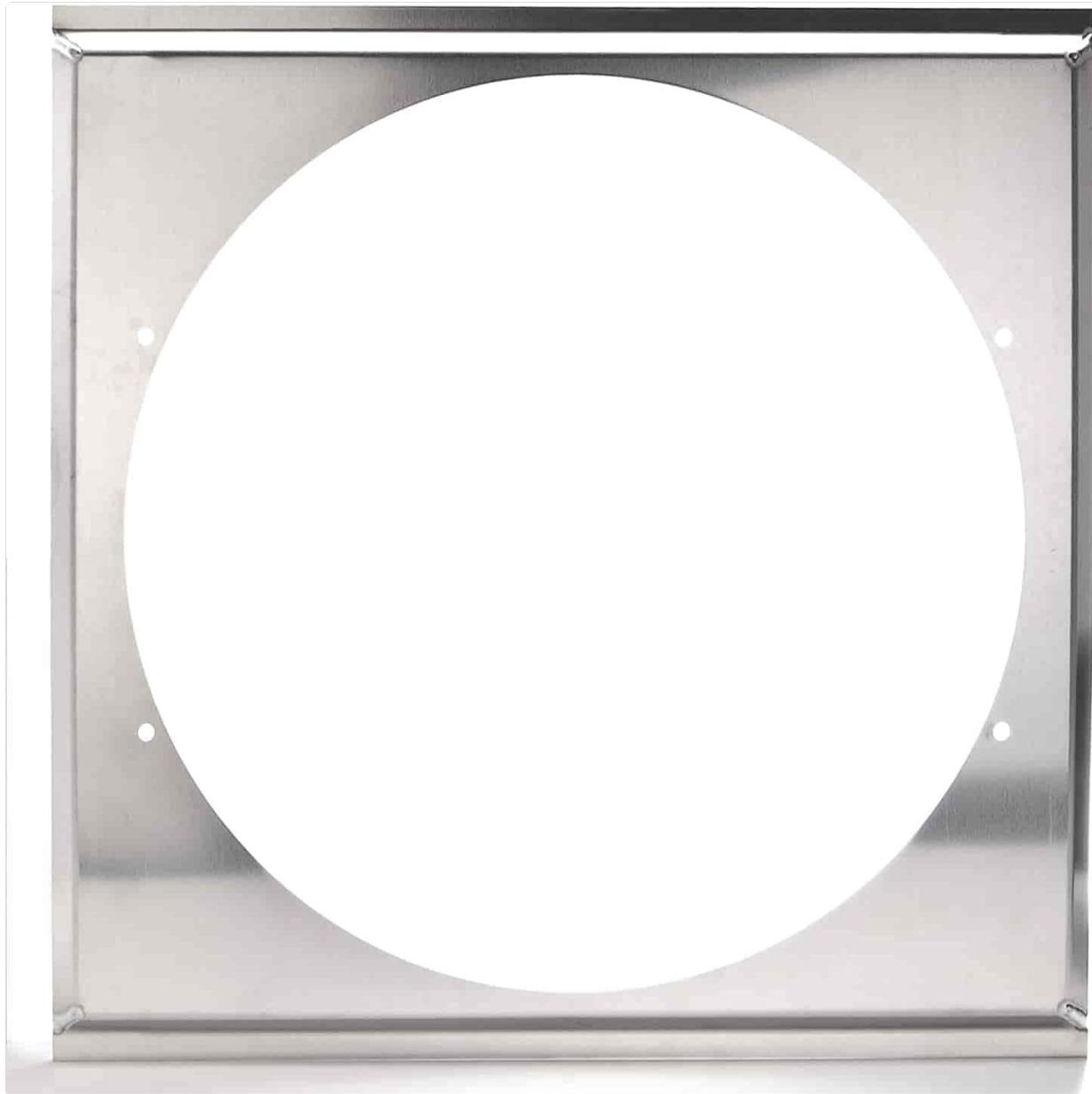
The JEGS 52062 Aluminum Fan Shroud is designed to enhance cooling efficiency by directing airflow through the radiator. It is constructed from durable aluminum and is compatible with specific radiator and electric fan configurations.

## PRODUCT OVERVIEW AND COMPATIBILITY

The JEGS 52062 Aluminum Fan Shroud features dimensions of 18 7/8 inches width, 17 1/2 inches height, and 1/2 inch depth. The overall height is 18.5 inches.

This shroud is specifically designed for use with JEGS radiators 555-52006 and 555-52016. It is also compatible with other radiators that have a core size of 18.875 inches by 17.5 inches.

The shroud comes pre-drilled for JEGS electric fans 555-52105 or 555-52110. It can be modified to accommodate most 16-inch aftermarket electric fans.



**Image 1:** Front view of the JEGS 52062 Aluminum Fan Shroud. This image displays the overall rectangular frame with a large circular opening for the fan, and pre-drilled mounting holes in the corners.

## SETUP AND INSTALLATION

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Before beginning installation, ensure the engine is cool and the vehicle's battery is disconnected for safety. Gather all necessary tools, which typically include wrenches, screwdrivers, and potentially drilling equipment if modifications are required.

### Required Components (Included Hardware)



**Image 2:** Close-up view showing a corner weld of the aluminum fan shroud and a single mounting bolt with a washer and nut. This illustrates the quality of construction and the type of hardware used for attachment.



**Image 3:** An assortment of stainless steel bolts, flat washers, and nylon-insert lock nuts, laid out in rows. This hardware kit is provided for securing the fan shroud and electric fan.



**Image 4:** Two long, flexible black sealing strips, likely made of rubber or foam, are shown alongside the hardware kit (bolts, washers, nuts). These strips are used to create a seal between the shroud and the radiator, preventing air bypass.

## Installation Steps:

- 1. Prepare the Radiator:** Ensure the radiator surface where the shroud will mount is clean and free of debris. Verify that the radiator dimensions match the shroud's compatibility requirements (18.875 in. W x 17.5 in. H core size).
- 2. Attach Sealing Strips:** Apply the provided sealing strips (Image 4) around the perimeter of the fan shroud where it will contact the radiator. This helps create an airtight seal for optimal airflow.
- 3. Position the Shroud:** Carefully place the aluminum fan shroud onto the radiator, aligning the mounting holes.
- 4. Mount the Electric Fan:** If using JEGS 555-52105 or 555-52110 electric fans, align them with the pre-drilled holes on the shroud. For other 16-inch aftermarket electric fans, modifications (drilling new holes) may be necessary to securely mount the fan to the shroud.
- 5. Secure the Assembly:** Use the provided bolts, washers, and nylon-insert lock nuts (Image 3) to securely fasten the fan shroud to the radiator and the electric fan to the shroud. Tighten all fasteners evenly to prevent warping and ensure a firm connection. Do not overtighten.
- 6. Connect Electrical Components:** Follow the electric fan manufacturer's instructions for wiring and connecting the fan to the vehicle's electrical system.

## OPERATING CONSIDERATIONS

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Once installed, the fan shroud works in conjunction with your electric fan to draw air efficiently through the radiator core. Proper installation ensures that air is pulled directly through the cooling fins, maximizing heat dissipation.

Monitor your vehicle's engine temperature, especially after initial installation, to confirm proper cooling system function. Ensure there are no obstructions to airflow around the fan or radiator.

## MAINTENANCE

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- **Regular Inspection:** Periodically inspect the fan shroud for any signs of damage, cracks, or loose fasteners. Ensure the sealing strips remain intact and provide a good seal.
- **Cleaning:** Keep the shroud and radiator fins clean from dirt, leaves, and other debris that can impede airflow. Use compressed air or a soft brush to gently remove buildup.
- **Fastener Check:** Re-check the tightness of all mounting bolts and nuts annually or during routine vehicle maintenance.

## TROUBLESHOOTING

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- **Poor Cooling Performance:**
  - Verify that the fan is operating correctly and spinning in the correct direction to pull air through the radiator.
  - Check for gaps between the shroud and radiator; ensure sealing strips are properly installed.
  - Inspect the radiator fins for blockage or damage.
- **Vibration or Noise:**
  - Ensure all mounting hardware is securely tightened.
  - Check for contact between the fan blades and the shroud opening. Adjust fan position if necessary.
- **Improper Fitment:**
  - Double-check radiator core dimensions against shroud specifications.
  - Ensure the shroud is not obstructed by other engine components.
- If issues persist, consult a qualified automotive technician.

## SPECIFICATIONS

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Feature	Specification
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Model Number	52062
Material	Aluminum
Overall Dimensions (W x H x D)	18 7/8 in. x 17 1/2 in. x 1/2 in.
Overall Height	18.5 in.
Compatible Radiator Core Size	18.875 in. W x 17.5 in. H
Pre-Drilled for Electric Fans	JEGS 555-52105, 555-52110 (adaptable for most 16 in. aftermarket fans)
Item Weight	3 pounds
Product Dimensions (Shipping)	2.4 x 20.3 x 26.8 inches
Origin	American Made

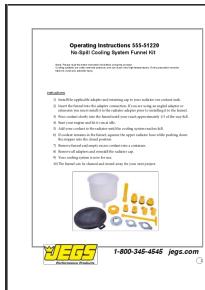
## WARRANTY AND SUPPORT

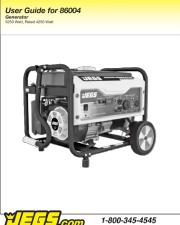
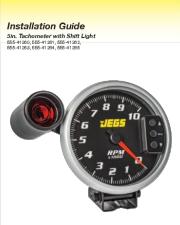
For specific warranty information regarding your JEGS 52062 Aluminum Fan Shroud, please refer to the documentation included with your purchase or visit the official JEGS website. For technical assistance or support, please contact JEGS customer service directly.

**JEGS Contact Information:** [Visit JEGS.com Contact Us Page](https://www.jegs.com/contact-us)

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## Related Documents - 52062

 <p><b>JEGS 555-51220 No-Spill Cooling System Funnel Kit Operating Instructions</b></p> <p>Detailed operating instructions for the JEGS 555-51220 No-Spill Cooling System Funnel Kit, including safety precautions and step-by-step usage guide for efficient coolant filling.</p>
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 <p>User Guide for 86004 JEGS 86004 5250W Portable Generator 5250 Watt, Run 4200 Watt</p> <p><b>JEGS.com</b> 1-800-345-4545</p>	<p><a href="#">JEGS 86004 5250W Portable Generator User Guide</a></p> <p>User guide for the JEGS 86004 portable generator. Covers assembly, operation, safety, maintenance, and troubleshooting for the 5250 Watt power unit.</p>
 <p>Installation Guide 5in. Tachometer with Shift Light 555-41260, 555-41261, 555-41262, 555-41263, 555-41264, 555-41265</p> <p><b>JEGS.com</b> 1-800-345-4545</p>	<p><a href="#">JEGS 5in. Tachometer with Shift Light Installation Guide</a></p> <p>Installation guide for JEGS 5-inch Tachometer with Shift Light, covering wiring, signal hookup, calibration, and troubleshooting for automotive use. Includes model numbers 555-41260 through 555-41265.</p>
 <p>Distributor Installation Instructions 555-40005 HEI Street Spark Distributor Assembly</p> <p><b>JEGS.com</b> 1-800-345-4545</p>	<p><a href="#">JEGS HEI Street Spark Distributor Assembly Installation Instructions (555-40005)</a></p> <p>Detailed installation guide for the JEGS HEI Street Spark Distributor Assembly, part number 555-40005. Learn how to remove your old distributor, install the new JEGS unit, connect wiring, and set ignition timing for optimal performance.</p>
 <p>Installation Guide Electric Vacuum Pump 555-63019</p> <p><b>JEGS.com</b> 1-800-345-4545</p>	<p><a href="#">JEGS Electric Vacuum Pump 555-63019 Installation Guide</a></p> <p>Installation guide for the JEGS Electric Vacuum Pump (model 555-63019). Provides instructions on proper mounting, wiring, safety precautions, and operational notes for automotive use.</p>
 <p>User Manual for Timing Light 555-40752</p> <p><b>JEGS.com</b> 1-800-345-4545</p>	<p><a href="#">JEGS 555-40752 User Manual for Timing Light</a></p> <p>User manual for the JEGS 555-40752 Standard Inductive Timing Light, providing instructions on troubleshooting, preparation, connection, inspection, and adjustment of ignition timing for automotive engines.</p>