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Billet Specialties 69684

Billet Specialties 69684 4-Floating Spark Plug Wire Separator Instruction Manual

MODEL: 69684

Introduction

This manual provides detailed instructions for the installation and maintenance of your Billet Specialties 69684 4-Floating Spark Plug Wire Separator. This product is designed to organize and secure 8.5mm spark plug wires, enhancing engine bay aesthetics and preventing wire damage.



Image: Billet Specialties 69684 4-Floating Spark Plug Wire Separator. This image displays two black anodized aluminum wire separators, each designed to hold four spark plug wires, shown against a white background.

Package Contents

Verify that all components are present before beginning installation:

- Billet Specialties 69684 4-Floating Spark Plug Wire Separators (Pair)

- Mounting Hardware (screws)

Note: The product includes the main wire separators and necessary mounting hardware for installation.

Setup and Installation

Follow these steps to properly install your Billet Specialties 4-Floating Spark Plug Wire Separators:

1. **Prepare Wires:** Ensure your spark plug wires are clean and free of debris. These separators are designed for 8.5mm wires.
2. **Position Separator:** Determine the optimal location for the wire separators on your cylinder head or other suitable mounting point. The "floating" design allows for flexible positioning.
3. **Secure Wires:** Carefully insert each spark plug wire into its designated slot on the separator. Ensure the wires are seated securely.
4. **Mount Separator:** Use the provided mounting hardware to attach the separator to the chosen location. Tighten screws firmly but do not overtighten to avoid damaging the separator or mounting surface.
5. **Verify Placement:** Double-check that all wires are neatly routed and securely held by the separators, away from hot engine components or moving parts.

Your browser does not support the video tag.

Video: Installation demonstration of a 4-wire spark plug loom. This video illustrates the process of securing four spark plug wires into a linear separator, similar to the Billet Specialties product, and shows how the wires are organized.

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Video: Overview and assembly of spark plug wire separators. This short video demonstrates the components of a spark plug wire separator set and how individual wires are inserted and secured, providing a visual guide for assembly.

Operating Principles

The Billet Specialties 4-Floating Spark Plug Wire Separators function by providing a secure and organized path for your engine's spark plug wires. By keeping wires separated and neatly routed, they help to:

- Prevent wires from touching hot engine components, reducing the risk of melting or damage.
- Minimize interference between spark plug wires, which can lead to misfires or reduced engine performance.
- Improve the overall appearance of your engine bay by eliminating cluttered wiring.
- Protect wires from abrasion against other engine parts or the vehicle chassis.

No active operation is required; the separators perform their function passively once installed correctly.

Maintenance

To ensure the longevity and continued performance of your wire separators:

- **Regular Inspection:** Periodically check the separators and wires for any signs of wear, damage, or loosening. Ensure all wires remain securely seated.
- **Cleaning:** Clean the separators with a soft cloth and a mild automotive cleaner as needed to remove dirt and grime. Avoid abrasive cleaners that could damage the finish.
- **Tightness Check:** Confirm that all mounting screws are still tight. Re-tighten if necessary, but avoid overtightening.

Troubleshooting

Problem	Possible Cause	Solution
Wires do not fit into separator slots.	Incorrect wire diameter.	Ensure spark plug wires are 8.5mm in diameter. This product is designed for that specific size.
Separators become loose after installation.	Mounting screws are not sufficiently tightened or have vibrated loose.	Re-tighten mounting screws. Consider using thread-locking compound if loosening persists (consult a professional if unsure).
Wires are still disorganized or touching hot components.	Improper routing or insufficient number of separators.	Re-evaluate wire routing. Add additional separators if needed to achieve desired organization and clearance.

Specifications

- **Model:** 69684
- **Brand:** Billet Specialties
- **Material:** Billet Aluminum
- **Finish:** Black Anodize
- **Wire Capacity:** 4 wires per separator
- **Wire Diameter Compatibility:** 8.5 mm
- **Mounting:** Cylinder Head Mount
- **Package Contents:** Pair of 4-floating wire separators, mounting hardware
- **Product Dimensions:** Approximately 6 x 3 x 1 inches
- **Item Weight:** Approximately 1.6 ounces
- **Country of Origin:** United States

Warranty and Support

For warranty information or technical support, please refer to the official Billet Specialties website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Billet Specialties is committed to providing high-quality automotive accessories.