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Aramox 4G8927753

Aramox Exterior Door Handle Bar Sensor (Model 4G8927753) Instruction Manual

Your guide to installation, operation, and maintenance.

1. Introduction

This instruction manual provides essential information for the proper installation, function, and care of your Aramox Exterior Door Handle Bar Sensor, Model 4G8927753. Please read this manual thoroughly before attempting any installation or maintenance to ensure correct usage and optimal performance.

2. Product Overview

The Aramox Exterior Door Handle Bar Sensor (4G8927753) is a high-quality replacement component designed for specific vehicle models. Constructed from durable ABS plastic, this sensor is engineered to provide accurate and sensitive touch detection for your vehicle's exterior door handle system, contributing to vehicle security and convenience.



Figure 2.1: The Aramox Exterior Door Handle Bar Sensor, Model 4G8927753.



Figure 2.2: Close-up view of the sensor, highlighting its precise design and durable ABS plastic construction.



Figure 2.3: Detailed view of the electrical connector for the sensor.

3. Specifications

Feature	Detail
Brand	Aramox
Model Number	4G8927753
Material	ABS Plastic (Acrylonitrile Butadiene Styrene)
Color	Black
Product Dimensions	3.94 x 3.94 x 3.94 inches
Item Weight	1.06 ounces

Style	Manual (referring to the type of product, not operation)
Measurement Accuracy	±1-3%

4. Fitment Information

This Exterior Door Handle Bar Sensor (4G8927753) is designed as a direct replacement part for the following vehicle models and years:

- For Avant 2010-2012
- For Sedan 2010-2012
- For Sedan 2008-2012
- For Cabriolet 2010-2012
- For Avant 2009-2012
- For Sedan 2009-2012
- For Sportback 2011-2012
- For Sedan 2010-2012
- For 2009-2012

Please verify your vehicle's make, model, and year against this list and confirm the OEM part number (4G8927753) before purchase and installation to ensure compatibility.



Figure 4.1: The sensor is specifically designed for compatible vehicle models.

5. Installation (Setup)

The installation of the Exterior Door Handle Bar Sensor typically involves replacing an existing sensor. Due to the complexity of automotive electrical systems and body panel removal, professional installation is highly recommended.

General Installation Steps (Consult a professional or vehicle-specific repair manual):

1. **Safety First:** Disconnect the vehicle's battery to prevent electrical shorts or accidental activation.
2. **Access the Handle:** Carefully remove the necessary door paneling and trim to gain access to the exterior door handle assembly and the existing sensor.
3. **Remove Old Sensor:** Disconnect the electrical connector from the old sensor and carefully detach it from the door handle assembly.
4. **Install New Sensor:** Connect the new Aramox sensor (4G8927753) to the vehicle's wiring harness. Ensure the connection is secure.

5. **Secure Sensor:** Mount the new sensor into the door handle assembly, ensuring it is properly seated and secured according to the vehicle's design.
6. **Reassemble:** Reinstall all removed door paneling and trim.
7. **Test Functionality:** Reconnect the vehicle's battery and test the door handle sensor's operation.

Important Note:
Please be aware that the product may be shipped as either a new type or an old type randomly. Both types are designed to function correctly as replacements. Ensure you are comfortable with this variation before proceeding with installation.



Figure 5.1: Illustration showing potential variations between new and old sensor types.

6. Operation

The Aramox Exterior Door Handle Bar Sensor operates automatically as part of your vehicle's keyless entry or door locking system. Once correctly installed, the sensor detects touch on the exterior door handle, signaling the vehicle's control unit to perform actions such as unlocking or locking the door, depending on the vehicle's system and the presence of a valid key fob.

7. Maintenance

The Exterior Door Handle Bar Sensor is designed for durability and requires minimal maintenance. To ensure its longevity and proper function:

- **Regular Cleaning:** Keep the exterior door handle area clean from dirt, grime, and debris that could interfere with the sensor's touch detection. Use a soft cloth and mild automotive cleaner.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemicals directly on the sensor or surrounding handle area, as this may damage the ABS plastic or sensor components.
- **Periodic Inspection:** During routine vehicle maintenance, visually inspect the sensor and its wiring for any signs of damage, corrosion, or loose connections.

8. Troubleshooting

If you experience issues with your Aramox Exterior Door Handle Bar Sensor, consider the following troubleshooting steps:

- **Sensor Not Responding:**
  - Ensure the area around the door handle is clean and free of obstructions.
  - Check the electrical connection to the sensor for looseness or corrosion.
  - Verify that your vehicle's key fob is functioning correctly and within range.
- **Intermittent Functionality:**
  - This could indicate a loose connection or minor damage to the wiring. Inspect thoroughly.
  - Environmental factors like extreme moisture or ice can temporarily affect sensor performance.
- **Error Codes:** If your vehicle displays a dashboard warning light related to the door system, consult your vehicle's diagnostic system or a professional mechanic.

If troubleshooting steps do not resolve the issue, it is recommended to seek assistance from a qualified automotive technician.

9. Warranty and Support

For information regarding product warranty, returns, or technical support, please refer to the Aramox official website or contact Aramox customer service directly. Keep your purchase receipt as proof of purchase.

Aramox Contact Information: (Please refer to your product packaging or the official Aramox website for the most current contact details.)

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