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4911020181326

Generic Parking Aid Sensor for Nissan Qashqai J10/JJ10

Instruction Manual

1. Product Overview

This parking aid sensor is designed to assist drivers by accurately measuring the distance to obstacles, enhancing parking safety. It functions as a backup parking assist sensor, providing high sensitivity and responsiveness to help prevent collisions during parking maneuvers.

The sensor is constructed from durable ABS plastic and metal, engineered for reliable performance in various weather conditions. It is a direct replacement component for compatible Nissan Qashqai J10 and JJ10 models.

Image 1.1: Top-down view of the parking aid sensor, highlighting its overall shape and the electrical connector.

2. Specifications

- **Product Name:** Car Parking Sensor
- **Material:** ABS plastic, metal
- **Fitment Type:** Direct Replacement
- **Model Number:** 4911020181326
- **Manufacturer:** Ybodan
- **Compatibility:** Nissan Qashqai J10, Nissan Qashqai JJ10

3. Installation (Setup)

The parking aid sensor is designed for direct installation as a replacement part. Professional installation is recommended to ensure proper function and vehicle safety.

3.1 Pre-Installation Check

1. Verify the sensor's compatibility with your vehicle model (Nissan Qashqai J10 or JJ10) and confirm the OEM part number matches if replacing an existing sensor.
2. Before proceeding with the full installation, it is recommended to test the electrical circuit to ensure proper functionality.
3. Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical hazards.

3.2 Installation Steps

1. Locate the existing parking sensor on your vehicle's bumper.
2. Carefully remove the old sensor, disconnecting its electrical connector.
3. Connect the new parking aid sensor to the vehicle's electrical harness. Ensure the connection is secure.
4. Insert the new sensor into its designated mounting location on the bumper. Ensure it is seated firmly and correctly oriented.
5. Reconnect the vehicle's battery.
6. Turn on the ignition and test the sensor's functionality as described in the 'Operation' section.

Image 3.1: Front view of the sensor, illustrating the detection surface and the grey sealing ring for mounting.

Image 3.2: Detailed view of the sensor's electrical connector, showing the three metal pins for connection to the vehicle's wiring harness.

4. Operation

Once installed and the vehicle's parking assist system is active, the sensor will automatically begin to detect obstacles. The system typically provides audible alerts or visual indicators (if your vehicle is equipped with a display) to inform the driver of the distance to nearby objects.

- **Distance Measurement:** The sensor accurately measures the distance between the vehicle's bumper (front or rear, depending on installation location) and the nearest obstacles.
- **Alert System:** As the vehicle approaches an obstacle, the system will provide prompts, usually in the form of increasing frequency of beeps or visual warnings, indicating a decreasing distance.
- **Stopping Indication:** When a critical or dangerous distance is reached, the system will typically provide a continuous alert, prompting the driver to stop the vehicle.

Always use the parking aid sensor as an assistance tool. Drivers should still exercise caution and visually check their surroundings when parking or maneuvering the vehicle.

Image 4.1: Side view of the sensor, illustrating its angled body and the position of the electrical connector.

5. Maintenance

To ensure the longevity and accurate performance of your parking aid sensor, follow these simple

maintenance guidelines:

- **Keep Clean:** Regularly inspect and clean the sensor's surface. Dirt, mud, ice, or snow can obstruct the sensor and impair its detection capabilities. Use a soft cloth and mild cleaning solution. Avoid abrasive cleaners.
- **Check Connections:** Periodically check the electrical connection to ensure it remains secure and free from corrosion.
- **Avoid Impact:** Protect the sensor from physical impact, which can damage its internal components or housing.

Image 5.1: Another perspective of the sensor, showing its L-shaped body and the circular detection surface.

6. Troubleshooting

If you experience issues with your parking aid sensor, consider the following troubleshooting steps:

- **Sensor Not Detecting Obstacles:**
  - Ensure the sensor surface is clean and free from obstructions (dirt, ice, etc.).
  - Check the electrical connection to the sensor for looseness or corrosion.
  - Verify that the vehicle's parking assist system is activated.
- **False Alarms or Inaccurate Readings:**
  - Clean the sensor surface thoroughly.
  - Ensure the sensor is securely mounted and not loose.
  - Check for any physical damage to the sensor or its wiring.
- **No Power to Sensor:**
  - Inspect the vehicle's fuse box for a blown fuse related to the parking assist system.
  - Confirm the electrical harness connection is fully seated.

If these steps do not resolve the issue, it is recommended to consult a qualified automotive technician or contact the seller for further assistance.

7. Warranty and Support

Specific warranty details for this product are not provided in the available information. For warranty claims, technical support, or any product-related inquiries, please contact the seller directly through your purchase platform.

When contacting support, please have your purchase details, including the order number and product model number (4911020181326), readily available.