

A-Premium 47910JK500

A-Premium ABS Wheel Speed Sensor Instruction Manual

Model: 47910JK500

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your A-Premium ABS Wheel Speed Sensor. This sensor is designed to accurately monitor wheel speed, a critical component for the Anti-lock Braking System (ABS) and other vehicle stability systems.

1.1. Product Overview

The A-Premium ABS Wheel Speed Sensor is a direct replacement part engineered to meet or exceed original equipment (OE) standards. It ensures reliable signal transmission to the vehicle's control unit, contributing to safe and stable braking performance.

1.2. Vehicle Compatibility

This ABS Wheel Speed Sensor is compatible with the following vehicles (Front Driver or Passenger Side):

- **Infiniti G25:** 2011-2012 (AWD)
- **Infiniti G35:** 2007-2008 (AWD)
- **Infiniti G37:** 2008 Coupe, 2009-2013 Convertible (RWD), 2009-2013 Sedan (AWD), 2010-2011 Coupe (RWD)
- **Nissan 370Z:** 2009-2014, 2016-2020

Reference Numbers: ALS1653, 47910-JK500, 47910JK500.



Image 1.1: A-Premium ABS Wheel Speed Sensor.

2. INSTALLATION GUIDELINES

Attention: Installation of automotive parts can be complex. It is highly recommended to consult an appropriate shop manual for your specific vehicle model to obtain detailed service instructions. If you lack the necessary tools or skills, seek assistance from a qualified mechanic.

2.1. General Installation Steps (Consult Vehicle-Specific Manual)

1. Safely lift and support the vehicle.
2. Remove the wheel and access the wheel hub assembly.
3. Locate and disconnect the old ABS wheel speed sensor.
4. Carefully remove the old sensor from its mounting point.
5. Clean the mounting area to ensure proper seating of the new sensor.
6. Install the new A-Premium ABS Wheel Speed Sensor, ensuring it is securely fastened.
7. Connect the electrical connector, ensuring a firm connection.
8. Route the sensor wire correctly to prevent damage from moving parts.
9. Reinstall the wheel and lower the vehicle.

10. After installation, it may be necessary to clear any stored ABS fault codes using a diagnostic scan tool.



Image 2.1: A mechanic performing work on a vehicle's wheel assembly.

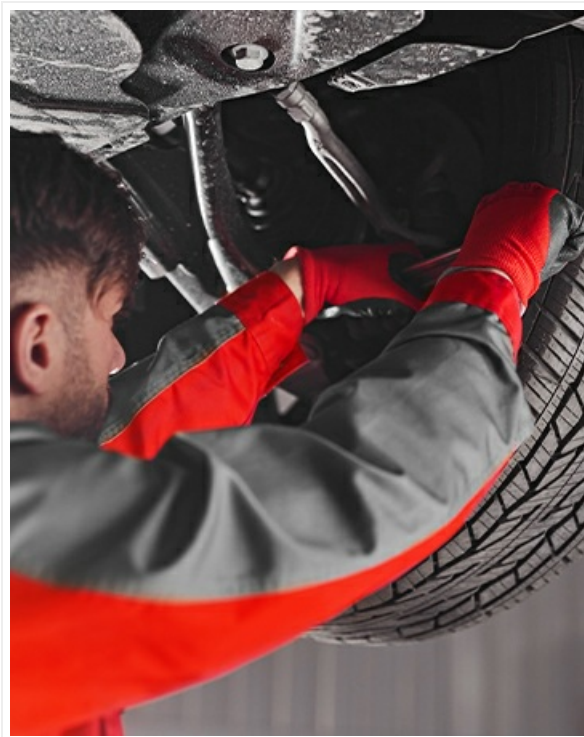


Image 2.2: Close-up view of a vehicle's brake rotor and caliper assembly.

2.2. Installation Video Guide

For a visual guide on the installation process, please refer to the official product video below. Note that specific steps may vary by vehicle model.



Video 2.1: A-Premium ABS Wheel Speed Sensor Installation Overview. This video provides a general demonstration of an ABS sensor's function and installation process.

3. OPERATION

The ABS Wheel Speed Sensor operates by monitoring the rotational speed of the wheel. It sends this data to the vehicle's Anti-lock Braking System (ABS) control module. The ABS module uses this information to prevent wheel lock-up during hard braking, allowing the driver to maintain steering control. The sensor functions continuously while the vehicle is in motion and requires no direct user interaction.

4. MAINTENANCE

The A-Premium ABS Wheel Speed Sensor is designed for durability and requires minimal maintenance. Regular vehicle inspections should include checking the sensor wiring for any signs of damage, such as fraying, cuts, or loose connections. Ensure the sensor is free from excessive dirt or debris that could interfere with its operation.

5. TROUBLESHOOTING

A malfunctioning ABS wheel speed sensor can lead to various issues, including:

- Illumination of the ABS warning light on the dashboard.
- Illumination of the Traction Control System (TCS) or Electronic Stability Control (ESC) warning lights.
- Erratic speedometer readings.
- Improper ABS function during braking.

If you experience any of these symptoms, it is recommended to have your vehicle diagnosed by a qualified technician. A diagnostic scan tool can read fault codes from the ABS module to pinpoint the exact issue.

6. SPECIFICATIONS

Feature	Specification
Brand	A-Premium
Model	47910JK500
Material	Acrylonitrile Butadiene Styrene
Item Weight	0.12 Kilograms
Measurement Accuracy	Consistent with OE standards
Mounting Type	Flange Mount
Output Type	Digital
Specific Uses For Product	Speed, Wheel Speed

7. WARRANTY AND SUPPORT

7.1. Warranty Information

A-Premium offers a one-year unlimited-mileage quality guarantee on this ABS Wheel Speed Sensor. The

guarantee covers the cost of the item itself. It does not cover installation fees, labor expenses, towing expenses, additional repair expenses, or other related costs.

7.2. Customer Support

For further assistance or inquiries, please visit the official A-Premium store on Amazon:[A-Premium Store](#).