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EASYGUARD ESW309B-N-PP-W

EASYGUARD ESW309B-N-PP-W Smart Key PKE Keyless Entry System User Manual

Model: ESW309B-N-PP-W

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the EASYGUARD ESW309B-N-PP-W Smart Key Passive Keyless Entry (PKE) system. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

Product Overview

Package Contents

- Control module
- Key fobs
- Wire harness

Key Features

- Passive Keyless Entry (PKE) functionality
- Designed for specific Mercedes Benz models (2014+)
- Smart key integration

Compatibility

This EASYGUARD ESW309B-N-PP-W system is designed for 2014 and newer Mercedes Benz vehicles that utilize a key start ignition. Compatible models include:

- Mercedes Benz A Class (Type 246, 2014-2018 II)
- Mercedes Benz B Class (Type 246, 2014-2018 II)
- Mercedes Benz GLA (Type 246, 2014-2018 II)
- Mercedes Benz GLB (Type 246, 2014-2018 II)
- Mercedes Benz CLA (Type 246, 2014-2019 II)
- Mercedes Benz CLS (Type 218, 2015-2017)

Important: Before purchasing and installation, it is crucial to confirm compatibility with your specific vehicle model. Contact EASYGUARD support for verification.

Setup and Installation

Professional installation is highly recommended for this system. Incorrect installation may lead to vehicle damage or system malfunction.

Pre-Installation Check

Verify your vehicle's ignition cylinder connector type. Some 2014+ Mercedes Benz cars, including certain W212 E class, W218 SLC & CLS, or W246 models (A class, B class, GLA, GLB, CLA), may have an ignition cylinder with a 2*5-pin connector.

Wiring Modification (If Applicable)

If your vehicle's ignition cylinder uses a 2*5-pin connector, and the EASYGUARD product's wire harness for the ignition cylinder has a 2*6-pin connector, a modification is required:

1. Carefully identify the two pins on the EASYGUARD 2*6-pin connector that are not required for your vehicle's 2*5-pin configuration.
2. Gently cut or remove these two excess pins from the EASYGUARD 2*6-pin connector.
3. After modification, plug the adjusted EASYGUARD connector into your car's ignition cylinder.

Warning: This modification requires precision. If you are unsure, consult a qualified automotive technician to avoid damage to the system or vehicle.

General Installation Steps (Overview)

While specific steps vary by vehicle, general installation involves:

- Disconnecting the vehicle's battery.
- Locating and accessing the vehicle's ignition system and wiring.
- Connecting the EASYGUARD control module and wire harness according to the vehicle-specific wiring diagram (not provided in this general manual).
- Mounting the control module securely.
- Testing all functions before reassembling vehicle panels.



Image: Main components of the EASYGUARD ESW309B-N-PP-W Smart Key PKE Keyless Entry System, including the control module, key fobs, and wire harness.

Operating Instructions

Passive Keyless Entry (PKE) Function

The PKE function allows for automatic locking and unlocking of your vehicle without pressing buttons on the key fob, provided the key fob is within a specified proximity.

- **Unlocking:** As you approach your vehicle with the key fob in your possession, the system will detect the key and automatically unlock the doors.
- **Locking:** As you walk away from your vehicle with the key fob, the system will detect the key moving out of range and automatically lock the doors.

Remote Control Functions

The key fobs also provide traditional remote control functions:

- **Lock Button:** Press to manually lock the vehicle doors.

- **Unlock Button:** Press to manually unlock the vehicle doors.
- **Trunk Release (if applicable):** A dedicated button may be present for remote trunk opening.
- **Panic/Car Finder:** Press and hold a specific button (refer to key fob design) to activate the alarm or locate your vehicle.

Starting the Vehicle

With the PKE system installed, ensure the key fob is inside the vehicle. The vehicle's original key start mechanism will function as usual, but the system ensures the vehicle is authorized to start.

Maintenance

Key Fob Battery Replacement

The key fobs are powered by a small battery. If the remote control range decreases or the PKE function becomes inconsistent, the battery may need replacement. Refer to the key fob's design for battery type and replacement procedure.

General Care

- Keep the control module and key fobs dry and away from extreme temperatures.
- Avoid dropping the key fobs or exposing them to strong impacts.
- Clean the key fobs with a soft, dry cloth. Do not use harsh chemicals.

Troubleshooting

- **System Not Responding:** Check key fob battery. Ensure the key fob is within range. Verify all connections to the control module are secure.
- **PKE Function Inconsistent:** Replace key fob battery. Ensure no strong electromagnetic interference is present.
- **Vehicle Not Starting:** Ensure the key fob is inside the vehicle. Check vehicle's original ignition system for issues.
- **Doors Not Locking/Unlocking:** Check for obstructions in door latches. Verify system connections.

For persistent issues, contact EASYGUARD technical support.

Specifications

- **Brand:** EASYGUARD
- **Model Number:** ESW309B-N-PP-W
- **Manufacturer Part Number:** ESW309B-N-PP-W
- **Remote Control Included:** Yes
- **Number of Items:** 3 (Control module, key fobs, wire harness)
- **Manufacturer:** ieasyguard.com

Warranty and Support

Warranty Information

This EASYGUARD product comes with a**1-year warranty** from the date of purchase. The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accident, or unauthorized modification.

Technical Support

For technical assistance, installation guidance, or warranty claims, please contact EASYGUARD customer support. Refer to the product packaging or the manufacturer's website for contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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