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› [EASYGUARD EC211PP-BM2-NFC-A Remote Starter for BMW F-Series & X-Series User Manual](#)

EASYGUARD EC211PP-BM2-NFC-A

EASYGUARD EC211PP-BM2-NFC-A Remote Starter User Manual

Model: EC211PP-BM2-NFC-A | Brand: EASYGUARD

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EASYGUARD EC211PP-BM2-NFC-A CAN Bus PKE Passive Keyless Entry Remote Starter. This system is designed to enhance the convenience and security of your compatible BMW vehicle by adding features such as passive keyless entry, remote engine start, and NFC card access. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Control Module
- Key Fobs (2 included)
- Wire Harness
- Bypass Module
- HF Antenna
- PKE Antenna
- NFC Card

EASYGUARD

EC211PP-BM2-NFC-A

CAN BUS PKE Passive keyless Entry Remote Starter fit for BMW

F01 F02 F03 F04 5GT F07 F10 F11 F06 F12 F13 F18 X3 F25 X4 F26



Figure 2.1: All components included in the EASYGUARD EC211PP-BM2-NFC-A kit.

3. COMPATIBILITY

This system is specifically designed for certain BMW models with a factory OEM push start button and automatic transmission (petrol/diesel engine). It is not compatible with manual transmission or hybrid versions. Your original key fob should be the trapezoid-shaped 3 or 4-button key.

Compatible BMW Models:

- **7 Series:** F01 (2008-2012), F02 (2008-2012), F03 (2009-2012), F04 (2010-2012)
- **6 Series:** F06 (2011-), F12 (2012-2019), F13 (2011-2018)
- **5 Series:** F07 GT (2009-), F10 (2010-2016), F11 (2011-2016), F18 (2010-2016)
- **X Series:** X3 F25 (2011-2018), X4 F26 (2014-2018)

EC211PP-BM2-NFC-A

This item fit for following BMW cars


Car model No.	Car required	Model NO.	Year	Car factory key
For 5 series	Push to start	F10	2010-2016	
	Push to start	F11	2011-2016	
	Push to start	F18	2010-2016	
	Push to start	F07/5GT	2009-2016	
For 6 series	Push to start	F06	From 2011	
	Push to start	F12	2012-2019	
	Push to start	F13	2011-2018	
For 7 series	Push to start	F01	2008-2012	
	Push to start	F02	2008-2012	
	Push to start	F03	2009-2012	
	Push to start	F04	2010-2012	
For X3	Push to start	F25	2011-2018	
For X4	Push to start	F26	2014-2018	

Figure 3.1: Compatibility chart for EASYGUARD EC211PP-BM2-NFC-A.



Figure 3.2: The system is compatible with vehicles featuring a factory original push start button.

4. FEATURES

The EASYGUARD EC211PP-BM2-NFC-A system offers the following key features:

- **Passive Keyless Entry (PKE):** Automatically locks/unlocks car doors when you approach or walk away from the vehicle (within 3-6 feet) with the key fob.
- **Remote Engine Start/Stop:** Start or stop your vehicle's engine remotely to pre-cool in summer or pre-warm in winter.
- **NFC Card Lock/Unlock:** Use an NFC card to lock or unlock the car doors.
- **Remote Trunk Release:** Open the trunk remotely.
- **Smartphone App Control & 4G LTE GPS Tracking (Optional):** Upgrade with an additional GPS002-AA 4G LTE module for smartphone control and GPS tracking capabilities.

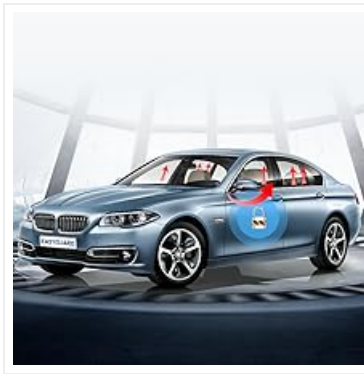


Figure 4.1: Passive Keyless Entry (PKE) in action.



Figure 4.2: Remote Engine Start/Stop and NFC card access.



Figure 4.3: Optional smartphone app control and GPS tracking.

5. SETUP

Professional Installation Required: This item requires professional installation by a trained staff or certified alarm installer. The installation process involves integrating the bypass module with your car's original key fob PCB, which requires soldering. Improper installation can lead to damage to your vehicle or the system.

If you are unsure about the correct program or installation steps, please consult with EASYGUARD support or a professional installer before proceeding.



Figure 5.1: Bypass module and wiring for professional installation.

6. OPERATING INSTRUCTIONS

6.1. Passive Keyless Entry (PKE)

With the key fob in your possession, the system will automatically unlock the car doors when you approach the vehicle within 3-6 feet. When you walk away from the vehicle (3-6 feet), the car doors will automatically lock.

6.2. Remote Engine Start/Stop

To remotely start the car:

1. Ensure the car is in a locked/armed status.
2. Hold the siren icon button on the key fob for 3 seconds.

To remotely shut off the car:

1. Hold the siren icon button on the key fob again for 3 seconds.

Button function



Figure 6.1: Key Fob Button Functions.

6.3. NFC Card Access

Use the provided NFC card to lock or unlock your car doors by tapping it against the designated area on your vehicle (typically the windshield or door handle, as per installation). This feature also allows you to drive your car away after unlocking with the NFC card.

6.4. Remote Trunk Release

To release the trunk remotely, continue to press the trunk release button on your key fob twice.

6.5. Smartphone App Control (Optional)

If you have installed the optional GPS002-AA 4G LTE module, you can control your vehicle and track its location via a dedicated smartphone application. Refer to the GPS002-AA module's separate instructions for app setup and usage.

Video 6.1: Demonstration of EASYGUARD PKE remote starter features for BMW 5GT F07 F10 F11 F25 F26, including passive keyless entry, remote start, and NFC functionality.

Video 6.2: Overview of the EASYGUARD EC211PP-BM2 D1 D2 version, showcasing key features and operation.

Video 6.3: Overview of the EASYGUARD EC211PP-BM2-D3 version, demonstrating its functionalities.

7. MAINTENANCE

To ensure the longevity and optimal performance of your EASYGUARD remote starter system, follow these maintenance guidelines:

- **Keep Components Dry:** Avoid exposing the control module, key fobs, and NFC card to water or excessive moisture.
- **Battery Replacement:** The key fobs require 2 CR2 batteries (included). Replace them when the signal strength weakens or the indicator light on the fob dims.
- **Regular Checks:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Professional Inspection:** Consider having the system professionally inspected during routine vehicle maintenance.

8. TROUBLESHOOTING

If you encounter issues with your EASYGUARD remote starter, consider the following common troubleshooting steps:

- **System Not Responding:** Check the key fob battery. Ensure you are within the operational range for PKE or remote start.
- **Remote Start Failure:** Verify that the car doors are fully closed and locked. Ensure the vehicle's gear is in Park (P).
- **NFC Card Not Working:** Ensure the NFC card is correctly positioned over the sensor area. Check for any obstructions between the card and the sensor.
- **Intermittent Operation:** This could be due to electromagnetic interference. Try operating the system in a different location.
- **Professional Assistance:** For complex issues or if basic troubleshooting does not resolve the problem, contact a professional installer or EASYGUARD customer support.

9. SPECIFICATIONS

Specification	Detail
Item Weight	2.86 pounds
Product Dimensions	9.45 x 6.69 x 3.94 inches
Item Model Number	EC211PP-BM2-NFC-A
Batteries	2 CR2 batteries required (included)
Wireless Remote	Yes
Compatible Devices	Cars (Specific BMW models)

Remote Control Included?	Yes
Manufacturer	ieasyguard.com
UPC	762206595642

10. WARRANTY AND SUPPORT

Warranty: The EASYGUARD EC211PP-BM2-NFC-A comes with a 1-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, troubleshooting, or warranty inquiries, please contact EASYGUARD customer service through their official website or the retailer where the product was purchased.