Fortin EVO-KEY

Fortin EVO-Key Universal Immobilizer Bypass Module User Manual

1. INTRODUCTION

The Fortin EVO-Key is a universal immobilizer bypass module designed for automotive applications. It facilitates the integration of remote start or security systems by temporarily bypassing the vehicle's factory immobilizer system, allowing the engine to start without the physical presence of a transponder key. This manual provides essential information for the proper installation, operation, and maintenance of your EVO-Key module.

2. PRODUCT OVERVIEW

The EVO-Key module is a compact electronic device engineered to integrate seamlessly with various vehicle immobilizer systems. It comes preloaded, simplifying the initial setup process for compatible vehicles. Its primary function is to provide a secure and reliable method for remote starting vehicles equipped with transponder-based immobilizers.

Figure 2.1: Top view of the Fortin EVO-Key module, showing the Fortin logo and textured surface.

Figure 2.2: Rear view of the Fortin EVO-Key module, displaying the various wiring harness connectors for vehicle integration.

Figure 2.3: Angled view of the Fortin EVO-Key module, highlighting the side profile and connector ports.

3. Setup and Installation

Installation of the Fortin EVO-Key module requires technical knowledge of automotive electrical systems and vehicle immobilizer protocols. It is strongly recommended that installation be performed by a certified professional installer.

3.1. Vehicle Compatibility

Before installation, verify the compatibility of the EVO-Key module with your specific vehicle make, model, and year. Refer to the official Fortin website for the most up-to-date compatibility list and detailed vehicle-specific wiring diagrams and programming instructions.

3.2. General Installation Steps (Professional Installation Recommended)

1. **Preparation:** Disconnect the vehicle's battery before beginning any wiring.
2. **Wiring:** Connect the EVO-Key module to the vehicle's electrical system and the remote start/security system according to the vehicle-specific wiring diagram provided by Fortin. Ensure all connections are secure and properly insulated.
3. **Programming:** Although the module is preloaded, vehicle-specific programming may still be required to synchronize it with your vehicle's immobilizer system. Follow the detailed programming instructions available on the Fortin website for your specific vehicle.
4. **Testing:** After installation and programming, reconnect the battery and thoroughly test the remote start and immobilizer bypass functions to ensure correct operation.

4. Operating Instructions

Once properly installed and programmed, the Fortin EVO-Key module operates automatically in conjunction with your remote start or security system. It requires no direct user interaction for its primary function.

- When a remote start command is initiated by your remote start system, the EVO-Key module will temporarily bypass the vehicle's immobilizer.
- This allows the engine to start without the need for a physical key in the ignition.
- Upon engine shutdown or disarming of the remote start system, the immobilizer function is restored to its normal state.

5. MAINTENANCE

The Fortin EVO-Key module is designed for long-term reliability and requires no routine user maintenance. To ensure optimal performance:

- Ensure all wiring connections remain secure and free from corrosion.
- Keep the module free from excessive moisture, dust, and extreme temperatures.
- Avoid physical damage to the module or its wiring.

6. TROUBLESHOOTING

If you experience issues with your Fortin EVO-Key module or the associated remote start/security system, consider the following troubleshooting steps:

- **Vehicle Fails to Remote Start:**
  - Verify all wiring connections are correct and secure.
  - Confirm the module was programmed correctly for your specific vehicle.
  - Check the remote start system for any error codes or malfunctions.

- **Immobilizer Warning Light:**
  - If the immobilizer warning light illuminates during remote start, it may indicate an issue with the bypass module's operation or programming.
  - Re-verify programming steps or consult Fortin's technical support resources.

- **General Malfunction:**
  - Ensure the vehicle's battery is fully charged and in good condition.
  - Consult the Fortin website for specific troubleshooting guides and firmware updates.

For complex issues, it is recommended to contact a professional automotive electronics technician or Fortin technical support.

7. SPECIFICATIONS

Feature	Detail
Model	EVO-KEY
Brand	Fortin
Item Weight	3.2 ounces
Product Dimensions	4.8 x 3 x 1.5 inches

Feature	Detail
Manufacturer	Fortin
Compatible Devices	All Vehicles (check specific compatibility)
Remote Control Included?	No
UPC	770350002909

8. WARRANTY AND SUPPORT

For detailed warranty information, technical support, and additional resources, please refer to the official Fortin website. Warranty terms and conditions may vary based on region and retailer.
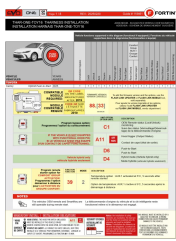
- **Official Website:** www.fortin.ca
- **Technical Support:** Consult the support section on the Fortin website for contact information and FAQs.

Related Documents - EVO-KEY

[Fortin EVO-ALL Installation Guide: Remote Starter Interface for Ford F-Series Trucks (2011-2016)](#)
This guide provides detailed installation instructions, wiring diagrams, and key bypass programming procedures for the Fortin EVO-ALL universal data bypass and interface module, compatible with Ford F-Series trucks (2011-2016) equipped with standard keys. Learn how to integrate remote start and security features.

[Fortin EVO-KEY Installation Guide for Kia Niro (2017-2021) Hybrid Push-to-Start](#)
Comprehensive installation and programming guide for the Fortin EVO-KEY interface module in a Kia Niro (2017-2021) Hybrid Push-to-Start vehicle. Includes wiring diagrams and step-by-step instructions.

[Fortin EVO-KEY Installation Guide for Hyundai Venue (2023) Push-to-Start](#)
Step-by-step installation instructions for the Fortin EVO-KEY immobilizer bypass module in a 2023 Hyundai Venue with a push-to-start system. Includes wiring diagrams and programming procedures.

	[Fortin EVO-ONE Remote Starter Installation Guide for 2025 Toyota Camry Hybrid](#) Detailed installation and programming guide for the Fortin EVO-ONE remote starter system (THAR-ONE-TOY16 harness) for the 2025 Toyota Camry Hybrid with Push-to-Start. Covers wiring, Dcryptor programming, key bypass, remote starter functionality, and safety warnings.
	[Fortin EVO-RIDE Data Key Bypass Module Installation Guide](#) Official installation guide for the Fortin EVO-RIDE Data Key Bypass Module, detailing setup, wiring, and programming for remote car starter integration. Includes vehicle compatibility information.
	[Fortin EVO-KEY Installation and Programming Guide for Kia Niro (2017-2021)](#) Detailed installation and programming guide for the Fortin EVO-KEY interface module for Kia Niro Hybrid Push-to-start vehicles (2017-2021). Includes wiring diagrams, connection points, and step-by-step programming procedures.