MPC B-4008-215-A

MPC Complete Remote Start Kit User Manual

Model: B-4008-215-A

PRODUCT OVERVIEW

This document provides comprehensive instructions for the installation, operation, and maintenance of the MPC Complete 1-Button Remote Start Kit, designed specifically for Ford F-150 vehicles manufactured between 2009 and 2010 with a gas engine and key-to-start ignition system.

The kit includes a remote starter unit, an immobilizer bypass module, and two 1-button remote controls, offering a range of up to 1500 feet. Firmware is preloaded for your specific vehicle. All components required for installation are included. Installation requires a Windows PC with a USB port for initial setup.

Figure 1: Overview of the MPC Complete Remote Start Kit components, including the main module, bypass module, and two remote controls, shown with a compatible Ford F-150.

Compatibility and Requirements

- **Vehicle Compatibility:** Ford F-150, model years 2009-2010.
- **Engine Type:** Gas engine only. Not compatible with hybrid vehicles.
- **Ignition Type:** Key-to-Start ignition only. Not compatible with push-to-start vehicles.
- **Transmission:** Automatic Transmission ONLY.
- **Setup Requirement:** A Windows PC with a USB port is required to complete the initial setup of the data module.

Figure 2: Visual guide illustrating that the kit is compatible only with conventional key-start ignition systems and not with push-to-start vehicles. It also specifies compatibility with gas engines only.

Important Legal Disclaimer: This kit does NOT include any OEM key fob or OEM remote.

SETUP AND INSTALLATION

Installation of this remote start kit requires basic knowledge of automotive electronics wiring. While the included data module simplifies many connections, it is not a plug-and-play system. Concise directions with wire colors and locations are provided to assist with the installation process.

Components Included

- Remote Start Module
- Immobilizer Bypass Module (Data Module)
- (2) 1-Button Remote Controls

- All necessary wiring harnesses and connectors

Figure 3: The two ultra-compact 1-button remote controls included with the kit, designed for long-range operation.
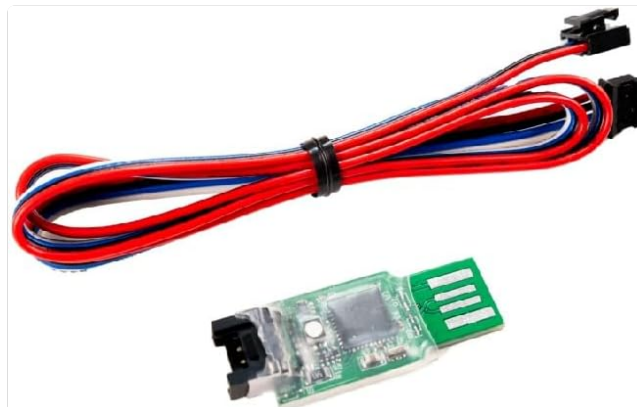

Figure 4: The data module and its associated wiring harness, which simplifies the installation by reducing the number of required wiring connections.

Installation Difficulty

While designed to simplify the process, installation requires a basic understanding of car electronics. It is recommended that individuals with limited experience in automotive wiring seek professional assistance or thoroughly review the provided installation tip sheet.
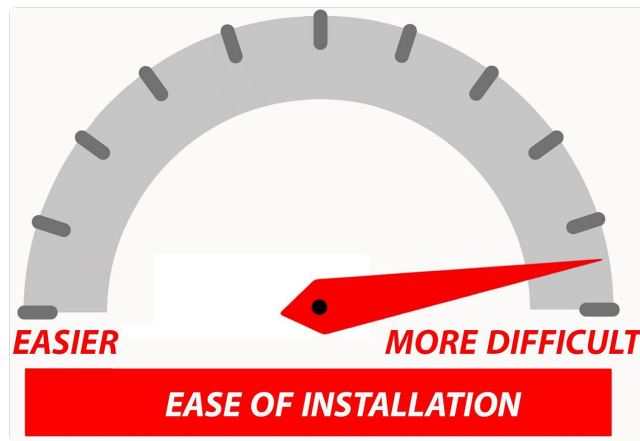
Figure 5: An illustration indicating that the installation of this kit falls into the 'More Difficult' category, emphasizing the need for basic wiring knowledge.

Figure 6: A yellow plastic pry tool, often useful for safely removing interior trim panels during automotive installations.

OPERATING INSTRUCTIONS

Remote Start Function

To start your vehicle remotely, press the single button on the remote control. The vehicle's engine will start and run for a pre-programmed duration. The remote has an effective range of up to 1500 feet, depending on environmental conditions and obstructions.

Programmable Options

- **Run Time Options:** The engine run time can be programmed for 5, 10, 20, or 30 minutes.
- **Auto-Start Options:** The system supports programmable 2, 3, or 4 hourly auto-start options, useful for maintaining engine temperature in extreme weather.
- **Unlock Feature:** An optional feature allows the vehicle to unlock once the engine is running. This is particularly useful if the OEM remote becomes inactive while the vehicle is running.

MAINTENANCE

The MPC Remote Start Kit is designed for minimal maintenance. Regular checks should include:

- **Remote Battery Replacement:** Replace the remote control batteries as needed to ensure optimal range and functionality. Refer to the remote's specific instructions for battery type and replacement procedure.
- **Wiring Integrity:** Periodically inspect all installed wiring connections to ensure they remain secure and free from corrosion or damage.
- **Software Updates:** While firmware is preloaded, check the MPC website or contact technical support for any available software updates for the data module that may enhance performance or address compatibility issues.

TROUBLESHOOTING

If you encounter issues with your MPC Remote Start Kit, consider the following troubleshooting steps:

- **Remote Not Responding:**

    - Check the remote control battery.
    - Ensure you are within the specified operating range (1500 ft line of sight). Obstructions like buildings or other vehicles can reduce range.
    - Verify that the vehicle's hood is closed and all doors are securely latched.

- **Vehicle Does Not Start Remotely:**

    - Confirm the vehicle is in Park (P) and the parking brake is engaged (if applicable to your vehicle's setup).
    - Check for any active warning lights on the dashboard that might prevent remote start (e.g., check engine light, low fuel).
    - Ensure all wiring connections are secure and correctly installed according to the provided tip sheet.

- **PC Connection Issues for Setup:**

    - Ensure your Windows PC has a functional USB port.
    - Verify that the necessary drivers for the data module are installed.
    - Try a different USB cable or port.

For persistent issues or complex problems, refer to the technical support section.

SPECIFICATIONS

Feature	Detail
Model Number	B-4008-215-A
Compatible Vehicles	Ford F-150 (2009-2010, Gas, Key-to-Start, Automatic Transmission)
Remote Type	(2) 1-Button Remotes
Remote Range	Up to 1500 feet
Programmable Run Time	5, 10, 20, or 30 minutes
Programmable Auto-Start	2, 3, or 4 hourly options
Product Dimensions	8 x 5 x 2 inches
Item Weight	3 pounds
Manufacturer	MPC Products
First Available Date	October 25, 2019

TECHNICAL SUPPORT AND WARRANTY

Technical Support

MPC provides dedicated technical support to assist with installation and operational queries. Support is available Monday-Friday, 9am-5pm Arizona time. You can also open a web-based support ticket 24/7.

For detailed installation guidance, MPC offers an exclusive copyrighted installation tip sheet. This resource is created by

MPC's professional technicians and can be downloaded via a provided link (typically included with purchase or available upon request from support).

- **Support Hours:** Monday-Friday, 9am-5pm Arizona time (U.S. based).
- **Web Support:** 24/7 web-based support ticket system available.
- **Installation Tip Sheet:** Available for download to assist with wiring and setup.

Warranty Information

Specific warranty details for the MPC Complete Remote Start Kit are typically provided at the time of purchase or can be obtained by contacting MPC customer service. It is recommended to retain your proof of purchase for warranty claims.

Optional protection plans are available for purchase separately, offering extended coverage beyond the standard manufacturer's warranty. These plans include 2-Year and 3-Year options, as well as a monthly "Complete Protect" plan.

- **Standard Warranty:** Contact MPC for details.
- **Optional Protection Plans:**

  - 2-Year Protection Plan
  - 3-Year Protection Plan
  - Complete Protect (monthly subscription)

Related Documents - B-4008-215-A

[Westin Class III Receiver Hitch Installation Guide for 2009-2013 Ford F-150](#)
Step-by-step installation instructions and safety guidelines for the Westin Class III Receiver Hitch (Part #65-1025) designed for 2009-2013 Ford F-150 vehicles. Includes parts list, warnings, and care tips.

[Akai Professional MPC User Guide: MPC X, Live, One, Key, Studio, Touch](#)
A comprehensive user guide for Akai Professional's MPC series, covering setup, operation, and features for MPC X, MPC X Special Edition, MPC Live, MPC Live II, MPC One, MPC One+, MPC Key 61, MPC Key 37, MPC Studio mk2, and MPC Touch.

[Fortin EVO-ALL Standalone Installation Guide for Automatic Transmissions](#)
Comprehensive installation guide for the Fortin EVO-ALL remote starter system, specifically for Ford F-250, F-350, F-450, F-550, and F-600 vehicles with automatic transmissions. Covers wiring configurations, programming procedures, and remote starter functionality.

[Car Intelligent Key Remote Control: User Guide and FCC Compliance](#)

Instructions for operating a car's intelligent key remote control, including key types, functions, remote operations, and FCC compliance information. Learn how to use the remote for locking, unlocking, starting the vehicle, and managing windows and sunroofs, along with troubleshooting tips for interference.

[Ford Remote Start System (RMST) Installation Guide & Warranty Procedures](#)

Comprehensive installation manual and warranty return procedures for Ford Remote Start Systems (RMST). Covers installation, programming, troubleshooting, and parts warranty for various Ford vehicle models.

[Fresenius 4008 Hemodialysis System Technical Manual](#)

Technical manual for Fresenius Medical Care's 4008 E, 4008 B, 4008 H, and 4008 S hemodialysis systems. Covers system functions, maintenance, safety checks, adjustments, and troubleshooting.