

MPC B-4820-445

MPC Complete 2-Way Remote Start Kit Instruction Manual

Compatible with Toyota Matrix 2010-2014 (Model B-4820-445)

PRODUCT OVERVIEW

This MPC Complete 2-Way Remote Start Kit is designed for specific Toyota Matrix models manufactured between 2010 and 2014. It provides the convenience of remotely starting or stopping your vehicle's engine, along with other functions such as locking and unlocking doors, trunk release, and auxiliary channel activation.

The system includes two extended-range 4-button 2-way remote transmitters, an all-in-one remote starter data interface module, and a T-Harness for simplified installation. The firmware is preloaded for your specific vehicle, ensuring compatibility and ease of setup.

Important Compatibility Note: This kit is designed for vehicles with an automatic transmission ONLY and requires a factory immobilizer system to function correctly. It is not compatible with vehicles lacking a factory immobilizer system.

WHAT'S INCLUDED

Your MPC Complete 2-Way Remote Start Kit package contains the following components:

- Complete remote start system compatible with Toyota Matrix 2010-2014.
- RF remote system.
- All-in-one remote starter data interface module.
- Vehicle-specific T-Harness.
- Firmware preloaded for your vehicle.
- (2) Extended range 4-Button 2-Way Transmitters.



This image displays the two included 4-button 2-way remote start transmitters alongside the compact main control module, which is part of the remote start system.

SETUP AND INSTALLATION

This remote start kit features a semi plug-and-play installation type, utilizing a T-Harness to significantly reduce the number of wiring connections typically required. While the T-Harness simplifies the process, some direct wiring connections will still be necessary.

Concise directions, including wire colors and locations, are provided to guide you through the installation. A person with basic knowledge of automotive electronics wiring should be able to successfully install this product.



EASE OF INSTALLATION



A visual gauge illustrating that the product's installation is designed to be straightforward, leaning towards the 'Easy' side.



An orange plastic pry tool, often used for safely removing automotive interior trim panels during installation.

Installation Guidance

For detailed, up-to-date installation instructions, refer to the QR code provided with your kit. This will direct you to the most current information and support resources.

**"MPC TRUSTED FOR
REMOTE STARTS, LOVED
FOR OUR SERVICE"**



User viewing an MPC tip sheet on a smartphone.

SUMMER & WINTER



The Right Temperature

For Any Season

User interacting with an MPC tip sheet on a tablet.



ENSURE YOU HAVE THE CORRECT KIT!!!

OPERATING INSTRUCTIONS

The MPC 2-Way Remote Start Kit allows you to control your vehicle from a distance of up to 1500 feet. The 2-way communication feature provides confirmation back to your remote, indicating successful command execution.

Remote Functions:

- **Engine Start/Stop:** Press the dedicated start button to remotely start or stop your vehicle's engine. The 2-way remote will provide visual or audible confirmation.
- **Lock/Unlock:** Use the lock and unlock buttons to secure or open your vehicle's doors.
- **Trunk/Hatch Release:** A dedicated button or combination of buttons may activate the trunk or rear hatch release, depending on your vehicle's configuration.
- **AUX Channel Activation:** An auxiliary channel can be programmed for additional functions, such as controlling power windows or other accessories, if supported by your vehicle and system setup.

Refer to the specific remote control guide included with your kit for detailed button assignments and operational sequences.

MAINTENANCE

To ensure optimal performance and longevity of your remote start system, consider the following maintenance tips:

- **Remote Battery Replacement:** If your remote's range decreases or the indicator light dims, it may be time to replace the battery. Consult your remote's specific manual for battery type and replacement instructions.
- **Keep Remotes Clean:** Avoid exposing your remotes to excessive moisture, dirt, or extreme temperatures. Clean them with a soft, dry cloth as needed.
- **System Checks:** Periodically test all remote functions to ensure they are operating correctly.

TROUBLESHOOTING

If you encounter issues with your remote start system, try the following basic troubleshooting steps:

- **No Response from Remote:** Check the remote's battery. Ensure you are within the operational range of the system.
- **Engine Fails to Start:** Verify that your vehicle is in park (automatic transmission) and that the hood is closed. Ensure all doors are closed. Check for any dashboard warning lights that might prevent starting.
- **Intermittent Operation:** Environmental factors or radio interference can sometimes affect remote range. Try operating the system from a different location.
- **Installation Issues:** Double-check all wiring connections, especially those made during installation, to ensure they are secure and correct.

If problems persist after basic troubleshooting, please contact MPC Technical Support for further assistance.

SPECIFICATIONS

Model Number	B-4820-445
Item Weight	3 pounds
Product Dimensions	8 x 5 x 2 inches
Compatibility	Toyota Matrix 2010-2014 (G-Key models, Automatic Transmission ONLY, with factory immobilizer system)
Remote Type	(2) 4-Button 2-Way Remotes
Remote Range	Up to 1500 feet (operational), up to 3000 feet (advertised maximum)

WARRANTY INFORMATION

MPC remote starters and alarms carry a limited lifetime warranty through the manufacturer. Please note the following conditions:

- Physical damage or damage resulting from improper installation will void the manufacturer's warranty.
- Within the first year of purchase, you may contact MPC for warranty issues. The product must be returned to MPC at the customer's expense for warranty service.
- After the first year, warranty issues must be handled directly through the manufacturer. The manufacturer will require a receipt from the original purchase.
- The product is warranted to the original purchaser, when properly installed and under normal conditions of use, to be free from defects in workmanship and materials for a period of one year from the provided date of purchase.
- This warranty does not cover abuse, operation inconsistent with the product's design, or damage resulting from exposure to the elements.
- If a defect is considered 'under warranty', MPC will, at its option, repair or replace the product free of charge to the original purchaser.
- MPC is not liable for any installation charges, loss, or damage of any kind incurred in the replacement or repair of any warranted product.

Product-specific warranty information will be included with the product packaging.

TECHNICAL SUPPORT

MPC provides comprehensive technical support based in Tucson, AZ, United States. Several different methods of support are available to assist you with installation and operation.



An image of a friendly technical support representative, highlighting the availability of expert assistance.

For the most up-to-date information and assistance, please refer to the QR code instructions included with your product. This will guide you to online resources and contact methods for technical support.

Optional Enhancements:

An optional smartphone app interface module is available separately for enhanced control (shipping limited to the continental U.S.). Additionally, you can expand your system with:

- **EVO-REMOTE-1 Ready:** Add (2) Ultra-Compact 1-Button 1-Way Keyless Entry Remotes.
- **EVO-REMOTE-4 Ready:** Add (2) Long-Range 4-Button 2-Way Keyless Entry Remotes.