

## **MPC B-4368-209**

# **MPC Remote Start System User Manual**

Model: B-4368-209 for 2008-2012 Ford Escape (Key-to-Start)

## **INTRODUCTION**

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This manual provides comprehensive instructions for the installation and operation of your MPC Factory Remote Activated Remote Start Kit. This kit is designed to add remote start functionality to your 2008-2012 Ford Escape with a key-to-start ignition, utilizing your existing factory key fobs.

The system includes an all-in-one remote starter data interface module and a T-Harness, with firmware preloaded specifically for your vehicle. All necessary components for installation are included in the kit.



Figure 1: MPC Remote Start Kit components and a Ford Escape demonstrating remote start functionality.

## VEHICLE COMPATIBILITY AND REQUIREMENTS

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Before proceeding with installation, ensure your vehicle meets the following criteria:

- **Vehicle Model:** 2008-2012 Ford Escape.
- **Ignition Type:** Key-to-Start ignition only. This kit is **not** compatible with push-to-start vehicles.
- **Transmission:** Automatic Transmission ONLY.
- **Engine Type:** Gas engine only. Not compatible with Hybrid models.
- **Keys:** Two (2) original factory keys are required for the key learning process to the module. Cloned or copied keys will not function for this step.

# Vehicle Requirements



**KEY-START IGNITION ONLY**

***Conventional Key-Start ONLY!***

**Does NOT work in Push-To-Start Vehicles**

**Gas Engine Only (NOT for Hybrid)**

Figure 2: Compatibility check for key-start ignition (left, compatible) versus push-to-start ignition (right, incompatible).



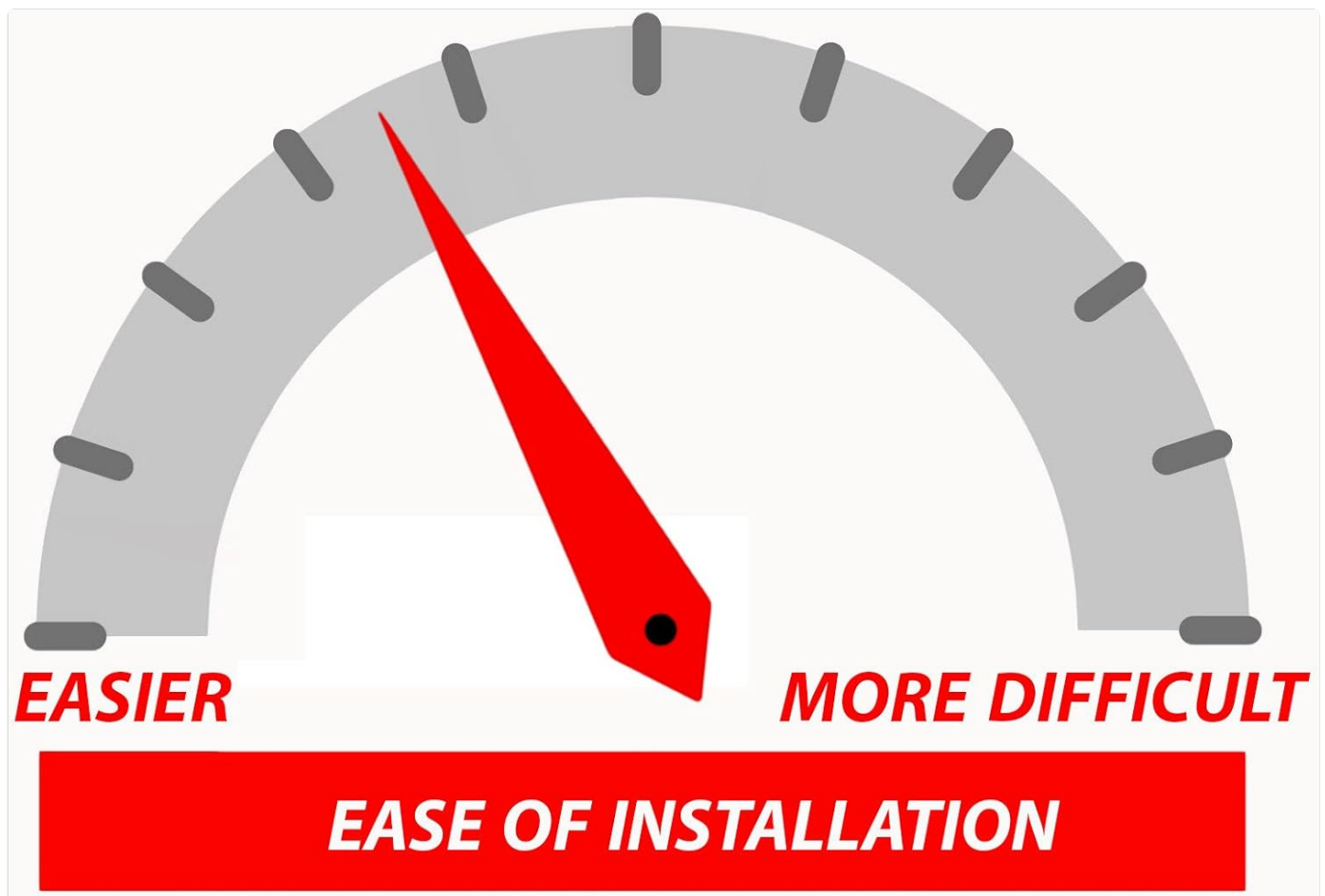


Figure 3: Visual reminder to verify your vehicle's ignition type to ensure correct kit selection.

## SETUP AND INSTALLATION

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The MPC remote start kit features a plug-and-play T-Harness design, significantly reducing the number of wiring connections typically required for such systems. While the T-Harness simplifies the process, some wiring connections will still be necessary.

A person with basic knowledge of car electronics wiring should be able to install this product successfully. Detailed, concise directions with specific wire colors and locations are provided to guide you through the installation process.

### Installation Steps Overview:

1. **Preparation:** Gather necessary tools. Ensure the vehicle's battery is disconnected before starting any electrical work.
2. **Access Vehicle Wiring:** Remove the trim panel below the steering wheel and the shroud around the steering wheel. These are typically held by 5.5mm bolts.
3. **Connect T-Harness:** Connect the provided T-Harness to the vehicle's wiring. The connectors are keyed to ensure correct fitment.
4. **Additional Wiring:** Complete any remaining necessary wiring connections as per the provided instructions.
5. **Module Programming:** Follow the specific steps to program the remote start module using your two original factory keys. This typically involves a sequence of key turns and button presses. Listen for audible confirmations (e.g., "bongs") during programming.
6. **Reassemble:** Carefully reassemble the vehicle's trim panels and shrouds.
7. **Testing:** Test the remote start functionality using your factory key fobs.

For detailed, step-by-step instructions, including wire diagrams and specific programming sequences, please refer to the exclusive copyrighted installation tip sheet provided by MPC's professional technicians. A link to download this tip sheet is

included with your purchase.



Figure 4: The installation process is designed for ease of use.

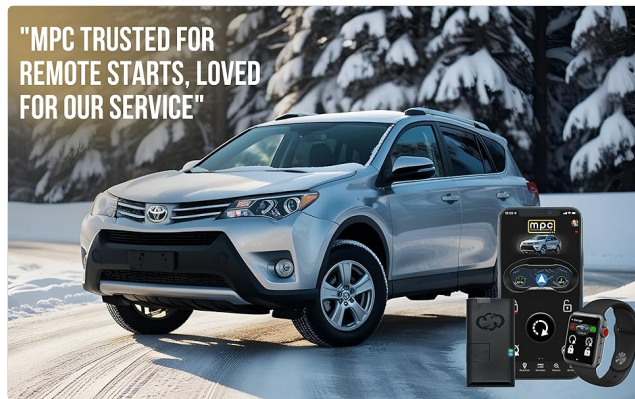


Figure 5: Accessing the MPC installation tip sheet on a smartphone.

## OPERATING INSTRUCTIONS

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This remote start system integrates seamlessly with your vehicle's existing factory key fobs. No additional remotes are required.

### To Remote Start Your Vehicle:

- Press the **LOCK** button on your factory key fob three (3) times consecutively.
- Ensure the presses are within approximately 1-2 seconds of each other.
- The vehicle's engine will start, and the parking lights will illuminate to indicate successful remote start.

Once the vehicle is running via remote start, you can enter the vehicle, insert your key into the ignition, turn it to the "ON" or "RUN" position, and then press the brake pedal to take over control. The engine will remain running.

This feature allows you to warm up or cool down your vehicle from a distance, enhancing comfort in various weather conditions.



**Warm or Cool your vehicle  
without honking the horn  
while using your factory  
remotes.**



Figure 6: Utilize your existing factory key fobs to activate the remote start system.

## MAINTENANCE

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The MPC remote start system is designed for reliable, long-term operation with minimal maintenance. Keep the module and wiring connections free from moisture and extreme temperatures. Periodically check all connections to ensure they remain secure.

No user-serviceable parts are inside the remote start module. Any issues requiring internal inspection or repair should be handled by qualified technicians.

## TROUBLESHOOTING

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If you encounter issues with your remote start system, please review the following common troubleshooting steps:

- **System Not Starting:**

- Ensure the vehicle is in Park (P) and the parking brake is engaged (if applicable).
- Verify that the vehicle's doors, hood, and trunk are fully closed.
- Check the vehicle's battery charge. A low battery can prevent remote start.
- Confirm you are pressing the LOCK button three times consecutively on your factory fob within the specified timeframe.

- **No "Bongs" During Programming:**

- If you do not hear the expected audible confirmations (e.g., "bongs") during the key learning or programming sequence, ensure all T-Harness connectors are fully seated and securely connected. A loose connection can prevent proper communication.
- Confirm you are using two *original* factory keys for programming, not cloned or copied keys.

- **Remote Start Engages but Engine Shuts Off:**

- This could indicate an issue with the vehicle's safety sensors (e.g., hood pin switch, brake pedal switch). Ensure these are functioning correctly.
- Refer to the detailed installation tip sheet for specific diagnostic steps.

If these steps do not resolve the issue, please contact MPC Technical Support for further assistance. Provide them with details of your vehicle, the kit model number, and a description of the problem.

## SPECIFICATIONS

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Feature	Detail
Model Number	B-4368-209
Item Weight	12.3 ounces
Product Dimensions	12 x 15.5 x 0.5 inches
Manufacturer	MPC Products
Compatibility	2008-2012 Ford Escape (Gas, Key-to-Start, Automatic Transmission)
Remote Control	Uses existing factory key fobs

## WARRANTY INFORMATION

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MPC remote starters and alarms carry a limited lifetime warranty through the manufacturer. Physical damage or damage due to improper installation will void the manufacturer's warranty.

- **First Year:** For warranty issues within the first year of purchase, you can contact MPC directly. The product must be returned at the customer's expense for warranty service.
- **After First Year:** 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 from exposure to elements. If a defect is considered "under warranty," MyPushcart (MPC) will, at its option, repair or replace the product free of charge. MyPushcart is not liable for installation charges, loss, or damage incurred in the replacement or repair of any warranted product.

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

## TECHNICAL SUPPORT

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MPC is committed to providing excellent technical support to assist you with any questions or issues during installation or operation.

- **Installation Tip Sheet:** A link to download MPC's exclusive copyrighted installation tip sheet, created by professional technicians, is provided to help you through the installation process.
- **U.S. Based Technical Support:** For direct assistance, U.S. based technical support is available Monday-Friday, 9am-5pm Arizona time.
- **Web-Based Support:** You can also open a web-based support ticket 24/7 for non-urgent inquiries or outside of phone support hours.

Please have your product model number and a detailed description of your issue ready when contacting support.