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› MPC Remote Start Kit for 2014-2020 Ford Fusion (Model B-4845-227) - Instruction Manual

## MPC B-4845-227

# MPC Remote Start Kit Instruction Manual

Model: B-4845-227 | Compatible with 2014-2020 Ford Fusion (Gas Vehicles, Key-Start Ignition)

## 1. INTRODUCTION

This manual provides detailed instructions for the installation and operation of your MPC Remote Start Kit, model B-4845-227. This kit is designed to add remote start functionality to specific 2014-2020 Ford Fusion vehicles equipped with a conventional key-start ignition and automatic transmission. Please read all instructions carefully before proceeding with installation.

## 2. PRODUCT COMPATIBILITY AND REQUIREMENTS

This remote start kit is specifically designed for:

- **Vehicle Model:** Ford Fusion
- **Model Years:** 2014, 2015, 2016, 2017, 2018, 2019, 2020
- **Ignition Type:** Conventional Key-Start ONLY (Does NOT work with Push-To-Start vehicles)
- **Transmission Type:** Automatic Transmission ONLY
- **Fuel Type:** Gas Vehicles ONLY (NOT for Hybrid models)

# Vehicle Requirements



**KEY-START IGNITION ONLY**

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

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

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

**Image Description:** A graphic illustrating vehicle compatibility. On the left, a green circle with a checkmark surrounds a traditional key-start ignition. On the right, a red circle with a cross-out symbol covers a push-to-start button. Text below confirms 'KEY-START IGNITION ONLY' and 'Gas Engine Only (NOT for Hybrid)'.

This kit utilizes your vehicle's existing factory remote controls. No additional key fobs are included or required for basic remote start functionality.

### 3. WHAT'S INCLUDED

Your MPC Remote Start Kit includes the following components:

- Remote start module (preloaded with vehicle-specific firmware)
- Immobilizer module
- Plug-in T-Harness for simplified wiring connections
- Concise installation instructions with plug locations



**Image Description:** A white Ford Fusion is shown in the upper left, with a hand holding a car remote. Below, the MPC Remote Start System box is visible, alongside the remote start module, immobilizer module, and the T-harness components.

## 4. SETUP AND INSTALLATION

This kit features a plug-and-play T-Harness design, significantly reducing the number of wiring connections typically required for remote start systems. Basic knowledge of car electronics wiring is recommended for successful installation.

### 4.1 General Installation Steps

1. **Access the Steering Column:** Carefully lower or remove the knee panel located below the steering column to access the vehicle's wiring harnesses.
2. **Locate OBD2 Port Harness:** Identify the main harness connected to the OBD2 diagnostic port.
3. **Connect T-Harness:** Unplug the main harness from the OBD2 port. Connect one end of the provided T-Harness to the vehicle's OBD2 port and the other end to the harness you just unplugged. Ensure all connections are secure and the locking tabs are engaged.
4. **Connect Remote Start Module:** Locate the specific black connector on the T-Harness that fits the remote start module. It is advisable to mark this connector to distinguish it from other similar-looking plugs.
5. **Module Programming (Initial Setup):**

- Hold down the button on the remote start module.
  - While holding the button, plug in the black connector to the module.
  - Continue holding the button until the module's indicator lights cycle and settle on a single solid blue light. If you miss this state, unplug the black connector, hold the button, and plug it back in to retry.
  - Once the solid blue light is achieved, release the button.
6. **Connect Remaining Plugs:** Plug in any remaining connectors from the T-Harness to the remote start module, such as the white plug.
  7. **Vehicle Ignition Cycle:** Insert your vehicle key into the ignition and turn it to the 'ON' position (do not start the engine). Wait for the module's blue light to begin blinking.
  8. **Finalization:** Remove the key from the ignition. The system is now ready for testing.

For the most up-to-date and detailed instructions, including specific plug locations and visual aids, please refer to the QR code provided with your product packaging or visit the MPC installation website as indicated on your purchase receipt.

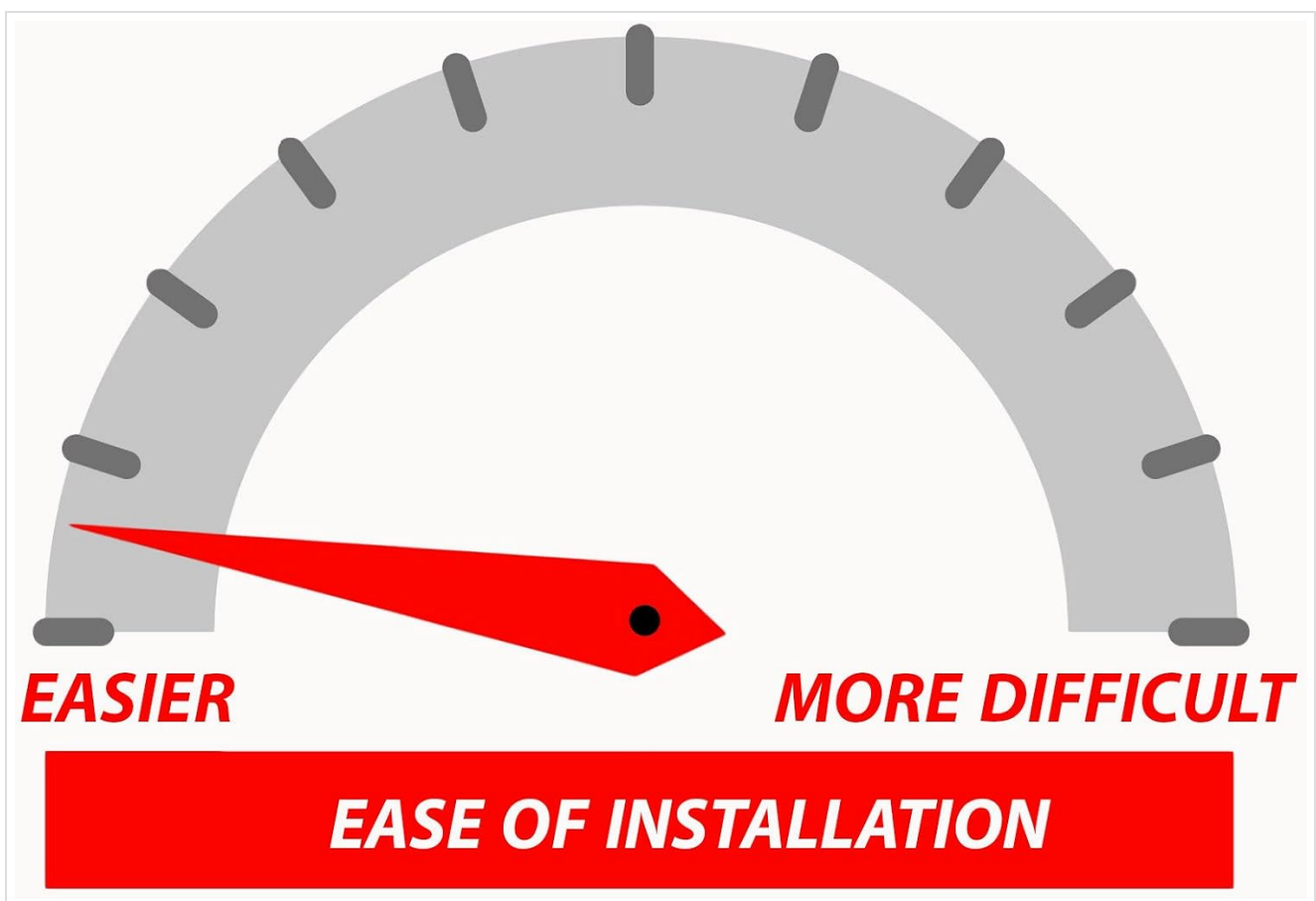


**Image Description:** A gauge with a needle pointing towards 'Easier' on a scale from 'Easier' to 'More Difficult', emphasizing the product's ease of installation.

## 5. OPERATING INSTRUCTIONS

Once installed and programmed, your MPC Remote Start Kit allows you to start your vehicle using your existing factory key fob.

### 5.1 Remote Starting Your Vehicle

To remotely start your Ford Fusion:

1. Ensure your vehicle is locked.

2. Press the '**Lock**' button on your factory key fob.
3. Press the '**Unlock**' button on your factory key fob.
4. Press the '**Lock**' button on your factory key fob again.

Perform this sequence (Lock - Unlock - Lock) within approximately 3 seconds. Your vehicle should start shortly after the sequence is completed. The system is designed to start the vehicle without honking the horn.



**Image Description:** A collection of different OEM (Original Equipment Manufacturer) factory remote keys, highlighting that the system uses existing remotes.

## 6. OPTIONAL FEATURES AND ACCESSORIES

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Enhance your remote start experience with additional accessories (sold separately):

- **Smartphone App Interface Module:** Allows control of your remote start system via a smartphone application. (Shipping limited to continental U.S.)
- **EVO-REMOTE-1 Ready:** Add two ultra-compact 1-button 1-way keyless entry remotes.
- **EVO-REMOTE-4 Ready:** Add two long-range 4-button 2-way keyless entry remotes.

## 7. TROUBLESHOOTING

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If you encounter issues during installation or operation, consider the following:

- **No Start After Programming:** Double-check all T-Harness connections. Ensure no wires are loose or improperly seated within the plugs. Verify the module programming sequence was followed precisely, especially the solid blue light indication.
- **Incorrect OBD2 Port Location:** Vehicle configurations can vary. If the OBD2 port is not in the expected location, it may be necessary to unbolt the port to access the harness behind it.
- **Fan/Climate Control Issues:** In some cases, the vehicle's fan or climate control may not activate until the key is inserted into the ignition. This is a characteristic of certain vehicle systems and not a defect of the remote start kit.

- **Refer to Online Resources:** If problems persist, search for installation videos or guides specific to your vehicle year and the MPC kit. Many users find community-contributed content helpful.
- **Technical Support:** Contact MPC Technical Support for assistance. Support is available in Tucson, AZ, United States. Refer to the QR code in your packaging for the most current support information.

## 8. MAINTENANCE

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The MPC Remote Start Kit is designed for maintenance-free operation. No routine maintenance, cleaning, or part replacement is required for the remote start module or harness components. Ensure all connections remain secure over time.

## 9. SPECIFICATIONS

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- **Model Number:** B-4845-227
- **Item Weight:** 10.5 ounces
- **Product Dimensions:** 12 x 15.5 x 0.5 inches
- **Compatibility:** Ford Fusion 2014-2020 (Gas, Automatic Transmission, Key-Start Ignition)
- **Installation Type:** Plug-and-Play T-Harness
- **Remote Control:** Utilizes factory OEM key fobs

## 10. WARRANTY AND SUPPORT

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### 10.1 Warranty Information

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

- **First Year:** Contact MPC for warranty issues. The product must be returned at the customer's expense for warranty service.
- **After First Year:** Warranty issues must be handled directly through the manufacturer. A receipt from the original purchase will be required.

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 date of purchase. This warranty does not cover abuse, operation inconsistent with the product's design, or damage from environmental exposure. If a defect is deemed 'under warranty', MPC will, at its option, repair or replace the product free of charge. MPC is not liable for installation charges, loss, or damage incurred during replacement or repair of any warranted product.

### 10.2 Technical Support

MPC offers various methods of technical support from Tucson, AZ, United States. For the most current support contact information, please refer to the QR code included with your product or visit the MPC website.