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› MPC Remote Start Kit Instruction Manual for 2014-2020 Ford Fusion Hybrid (Push-to-Start)

## MPC B-4392-227

# MPC Remote Start Kit Instruction Manual for 2014-2020 Ford Fusion Hybrid (Push-to-Start)

Model: B-4392-227

## PRODUCT OVERVIEW

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This document provides comprehensive instructions for the installation and operation of the MPC Remote Start Kit, designed for compatible Ford Fusion Hybrid vehicles with push-to-start ignition. This system allows you to remotely start your vehicle using your existing factory key fobs, providing convenience for warming or cooling your car before entry.



Image: The MPC Remote Start Kit components, including the module and T-harness, displayed alongside a Ford Fusion vehicle.

## VEHICLE COMPATIBILITY

This remote start kit is compatible with the following vehicles:

- **Make:** Ford
- **Model:** Fusion Hybrid
- **Years:** 2014-2020
- **Ignition Type:** Push-to-Start ONLY
- **Transmission:** Automatic ONLY

**Important:** This kit is specifically designed for hybrid vehicles with push-to-start ignition systems and will not function with key-start vehicles.

# Vehicle Requirements



**PUSH-START IGNITION ONLY**

***Hybrid Vehicles ONLY***

***DOES NOT WORK WITH KEY-START CARS***

Image: A graphic illustrating vehicle requirements, clearly stating "PUSH-START IGNITION ONLY" and "Hybrid Vehicles ONLY," with a crossed-out traditional key ignition and a checked push-start button.

## WHAT'S INCLUDED

Your MPC Remote Start Kit includes the following components:

- Remote Start Module (pre-flashed with vehicle-specific firmware)
- Plug-n-Play T-Harness
- Immobilizer Module
- Zip Ties for securing components

## INSTALLATION INSTRUCTIONS

This kit features a plug-n-play T-harness design, simplifying installation by minimizing wiring connections. Basic knowledge of car electronics is recommended. For a visual guide, please refer to the installation video below.

## Step-by-Step Guide:

1. **Locate the OBD-II Port:** Find the OBD-II diagnostic plug located at the bottom of your vehicle's dashboard, typically near the driver's side footwell.
2. **Disconnect Existing Connector:** Reach behind the OBD-II port. There is a connector plugged into the back. Press up on the locking tab on the bottom of this connector and gently pull it out. You may need to wiggle it slightly to dislodge it.
3. **Connect T-Harness:**
  - Take the MPC T-harness. One end of the T-harness will fit directly onto the connector you just removed from the OBD-II port. Snap these two together securely.
  - Plug the other end of the MPC T-harness into the back of the original OBD-II port. Ensure all plugs snap firmly into place.
4. **Program the Remote Start Module:**
  - Locate the program button on the remote start module.
  - Hold down the program button.
  - While holding the button, plug in the 4-pin power connector to the module. The LED lights on the module will begin to cycle through red, yellow, and blue.
  - Release the program button when only the blue LED is lit.
  - Insert the white 5-pin plug into the module.
  - Press the vehicle's push-to-start button once to turn the ignition on (do not start the engine). The module's blue LED will turn off, then flash rapidly after a few seconds.
  - Press the vehicle's push-to-start button one more time to turn the ignition off. Programming is now complete.
5. **Secure Components:** Use the included plastic zip ties to secure the remote start module and T-harness up under the dashboard. Ensure they are clear of any moving parts, such as pedals or steering components.

## Installation Video Guide:



Video: A detailed installation guide for the MPC Remote Start Kit in a Ford Fusion Hybrid, demonstrating the plug-n-play harness connection and module programming steps.

## OPERATING INSTRUCTIONS

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To operate your MPC Remote Start Kit:

1. Ensure all vehicle doors are closed.
2. Press the **Lock** button on your factory remote key fob three (3) times consecutively.
3. Your vehicle's parking lights will turn on, and the engine will start.
4. To shut down the remote start system, press the **Lock** button on your factory remote key fob three (3) times consecutively again.



Image: Various Ford factory key fobs, illustrating the type of remote used to operate the system.

## MAINTENANCE

The MPC Remote Start Kit is designed for minimal maintenance. Periodically check that all harness connections remain secure and free from debris. No user-serviceable parts are inside the module.

## TROUBLESHOOTING

- **System Not Starting:** Ensure all doors are fully closed before attempting to remote start. Verify that the module is correctly programmed and all harness connections are secure.
- **Climate Control Behavior (Hybrid Vehicles):** In some hybrid vehicles, the climate control system may initially blow cold air at high fan speed during remote start, even if the vehicle was previously set to heat. This is a characteristic behavior of certain hybrid systems and not a malfunction of the remote start kit. The system will adjust once the engine fully engages and warms up.
- **Driving Off After Remote Start:** For safety, you cannot drive the vehicle immediately after remote starting. You must press the brake pedal and then press the vehicle's push-to-start button to fully engage the ignition and allow normal driving operation.
- **Module Not Programming or Functioning:** If you encounter persistent issues, ensure the firmware is correct for your specific vehicle year and model. Contact MPC Technical Support for assistance, as firmware updates or specific programming steps might be required for certain vehicle variations.
- **Difficulty with Harness Installation:** The T-harness may be located in a confined space under the dashboard. Take your time and use adequate lighting to ensure proper alignment and secure connections.

## SPECIFICATIONS

|              |            |
|--------------|------------|
| Brand        | MPC        |
| Model Number | B-4392-227 |

|                    |                        |
|--------------------|------------------------|
| Item Weight        | 2 pounds               |
| Product Dimensions | 12 x 15.5 x 0.5 inches |
| Manufacturer       | MPC Products           |

## WARRANTY INFORMATION

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:** Contact MPC for warranty issues. The product must be returned at the customer's expense for 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 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 covered under warranty, MPC will repair or replace the product free of charge. MPC is not liable for installation charges or any loss/damage incurred during replacement or repair of a warranted product.

## SUPPORT

For technical assistance and support, please contact MPC Technical Support based in Tucson, AZ, United States. Various support methods are available. QR code instructions are included with your product to provide the most up-to-date information and resources.

For the latest support information, visit the [MPC Store on Amazon](#).

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Submit question

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