

MPC B-4845-219

MPC Remote Start Kit Instruction Manual

FOR 2017-2022 FORD F-550 SUPER DUTY (MODEL B-4845-219)

Brand: MPC



1. Introduction

This manual provides detailed instructions for the installation and operation of your MPC Remote Start Kit, designed specifically for 2017-2022 Ford F-550 Super Duty vehicles with key-to-start ignition and automatic transmission. Please read all instructions carefully before proceeding with installation or use.

2. Product Overview and Contents

The MPC Remote Start Kit is an add-on system that allows you to remotely start your vehicle using your existing factory key fobs. It includes the necessary modules and harnesses for a plug-and-play installation.

What's Included:

- Remote starter module
- Immobilizer module
- Preloaded firmware for your specific vehicle
- Plug-in T-Harness for simplified connections

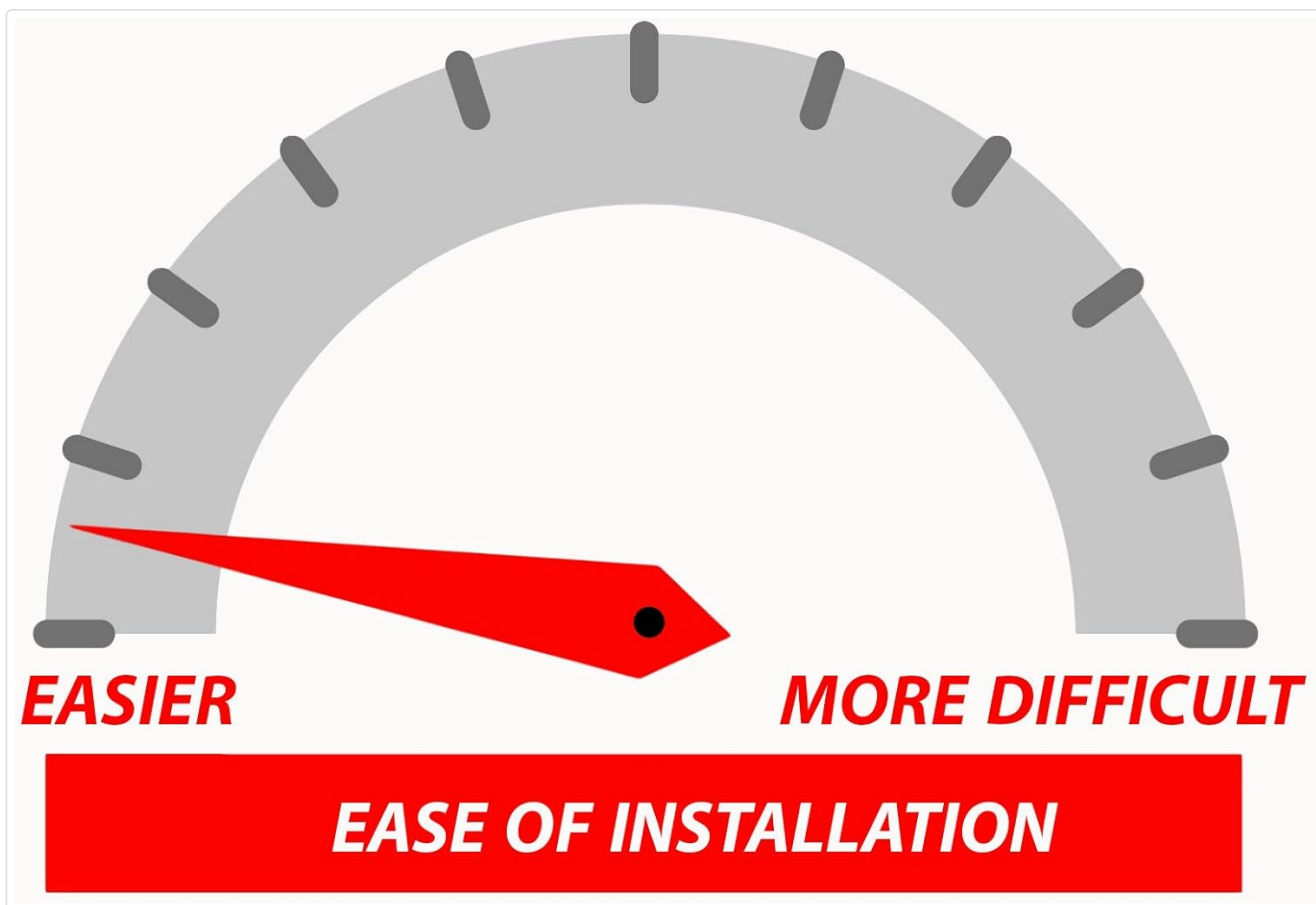


Image 2.1: The MPC Remote Start Kit includes the main module and various wiring harnesses for installation.

3. Vehicle Compatibility

This remote start kit is compatible with the following vehicle specifications:

- **Vehicle Model:** Ford F-550 Super Duty
- **Model Years:** 2017, 2018, 2019, 2020, 2021, 2022
- **Ignition Type:** Key-to-Start Ignition ONLY (Conventional key ignition)
- **Transmission:** Automatic Transmission ONLY
- **Engine Type:** Diesel

This kit is NOT compatible with Push-To-Start vehicles or Hybrid engines.



Image 3.1: Visual representation of compatible key-start ignition versus incompatible push-to-start ignition.



Image 3.2: Ensure your vehicle has a conventional key-start ignition, not a push-button start system, for compatibility.

4. Installation Guide (Setup)

The MPC Remote Start Kit features a plug-and-play T-Harness design, significantly reducing the complexity of

installation. Basic knowledge of car electronics wiring is recommended.

4.1. Before You Begin

- Ensure your vehicle is turned off and the parking brake is engaged.
- Disconnect the vehicle's battery to prevent electrical shorts.
- Confirm all kit components are present and undamaged.
- Locate the necessary connection points in your vehicle as indicated in the detailed instructions (accessed via QR code).

4.2. Installation Steps

1. Carefully remove any necessary trim panels to access the vehicle's wiring harnesses. A pry tool may be useful for this step.
2. Connect the provided T-Harness to the designated vehicle connectors. These connections are designed to be plug-in, minimizing the need for cutting or splicing wires.
3. Mount the remote start and immobilizer modules securely in a discreet location, away from moving parts or excessive heat.
4. Reconnect the vehicle's battery.
5. Follow the specific programming steps provided in the detailed instructions (via QR code) to synchronize the remote start system with your vehicle.
6. Test the system thoroughly before reassembling all trim panels.



Image 4.1: A plastic pry tool can assist in safely removing interior trim panels without causing damage.

5. Operating Instructions

This remote start system utilizes your vehicle's existing factory key fobs for operation, eliminating the need for additional remotes.

5.1. Remote Starting Your Vehicle

To activate the remote start function:

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.

The vehicle should start within a few seconds. The system is designed to start without a horn honk. The engine will run for a preset duration (typically 15 minutes) or until you enter the vehicle and turn the key to the 'ON' position.

5.2. Shutting Down the Vehicle Remotely

To turn off the vehicle remotely after it has been remote started, repeat the **LOCK - UNLOCK - LOCK** sequence on your factory key fob.



Image 5.1: The remote start system integrates with your vehicle's original factory key fobs.

6. Optional Features

Enhance your remote start experience with additional modules (sold separately).

6.1. Smartphone Control and GPS Tracking

An optional smartphone app interface module is available for purchase separately. This module enables remote start, lock, unlock, and GPS tracking functionalities directly from your smartphone. This feature is typically limited to the continental U.S. and requires a subscription.

6.2. Additional Remote Options

For extended range or dedicated remote start buttons, additional remotes can be integrated:

- **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.

7. Troubleshooting

If you encounter issues with your remote start system, refer to the following common problems and solutions. For persistent issues, contact technical support.

7.1. System Does Not Activate

- **Check Battery:** Ensure your vehicle's battery is charged and your key fob battery is not depleted.
- **Correct Sequence:** Verify you are pressing the LOCK-UNLOCK-LOCK sequence correctly and within the

specified time frame.

- **Vehicle Status:** Ensure all doors, hood, and trunk are closed.

7.2. Instrument Panel/Gauges Not Working After Installation

- This can indicate an issue with the wiring harness connections, specifically with the OBD connector.
- **Action:** Disconnect the remote start system's main OBD connector and plug the vehicle's original OBD connector back in. If gauges return to normal, contact MPC technical support for assistance, as a replacement harness may be required.

7.3. Running Lights Do Not Turn On During Remote Start

- The system is designed for running lights to activate if your headlight switch is set to 'Auto'.
- **Action:** Verify your headlight switch is in the 'Auto' position. If the issue persists, contact MPC technical support.

7.4. System Stops Working After Extended Use

- If the system functions initially but ceases to operate later, it may indicate a module malfunction or a persistent wiring issue.
- **Action:** Review all connections for looseness or corrosion. If the problem continues, contact MPC technical support for diagnosis and potential warranty service.

8. Specifications

Item Weight	2 pounds
Product Dimensions	12 x 15.5 x 0.5 inches
Item Model Number	B-4845-219
Manufacturer	MPC Products

9. 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:** For warranty issues within the first year of purchase, 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. 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 considered 'under warranty', MyPushcart (MPC) will, at its option, 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.

10. Technical Support

For any questions, installation assistance, or troubleshooting, MPC provides technical support based in Tucson, AZ, USA.

Refer to the QR code included with your product for the most up-to-date information and support resources.

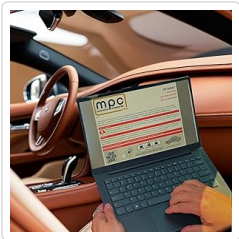


Image 10.1: Access support resources on your smartphone.



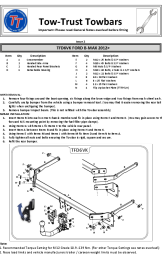
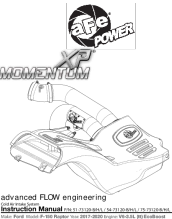
Image 10.2: Detailed instructions and tips are available on larger devices.

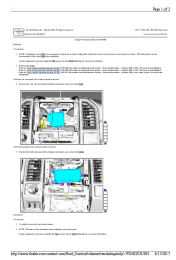


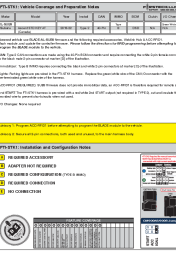


Image 10.3: Comprehensive support documents can be viewed on a laptop.



Related Documents - B-4845-219

	<p>Tow-Trust Towbars TFD6VK Ford B-Max 2012+ Installation Guide</p> <p>Step-by-step installation guide for the Tow-Trust Towbars TFD6VK model for Ford B-Max vehicles manufactured from 2012 onwards. Includes parts list, bumper removal instructions, and towbar installation procedures.</p>
	<p>aFe Power Momentum XP Cold Air Intake System Installation Manual</p> <p>Detailed installation instructions for the aFe Power Momentum XP Cold Air Intake System for Ford F-150 Raptor and F-150 models with the V6-3.5L (tt) EcoBoost engine (2017-2020). Includes part numbers, component lists, and step-by-step guidance.</p>

	<p>Ford F-250/350/450/550 Super Duty Parking Aid Camera Image Processing Module B (IPMB) Removal and Installation</p> <p>Detailed instructions for the removal and installation of the Image Processing Module B (IPMB) for Ford F-250, F-350, F-450, and F-550 Super Duty vehicles equipped with parking aid cameras. Covers procedures for vehicles with and without coaxial camera networks, and includes steps for configuring the BCM and IPMB using a diagnostic scan tool.</p>
	<p>Stealth Hitches Installation Instructions for Audi Q5/SQ5</p> <p>Comprehensive installation guide for Stealth Hitches Rack Receiver Kit (SHR30014) and Tow Kit (SHT25033) for Audi Q5 and SQ5 vehicles (2018-2025). Features detailed steps, required tools, parts list, safety warnings, and wiring instructions.</p>
	<p>Akai Professional MPC User Guide: MPC X, Live, One, Key, Studio, Touch</p> <p>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.</p>
	<p>FIRSTECH FTI-STK1 Installation Guide for Subaru Ascent (2019-2022)</p> <p>Comprehensive installation guide for the FIRSTECH FTI-STK1 remote starter system for Subaru Ascent models (2019-2022). Includes vehicle compatibility, wiring, module programming, and troubleshooting error codes.</p>