MPC B-1491-339

MPC 5-Button Remote Start System User Manual

Model: B-1491-339

1. PRODUCT OVERVIEW

This document provides detailed instructions for the installation and operation of the MPC 5-Button Remote Start System. This kit is designed for specific vehicle compatibility and offers convenient remote engine starting and door control.

Figure 1: Complete MPC 5-Button Remote Start System kit, including the main module, wiring harnesses, and two 5-button remote controls.

2. VEHICLE COMPATIBILITY

This remote start system is specifically compatible with:

- **Make:** Lexus
- **Model:** RX330
- **Years:** 2004-2006
- **Ignition Type:** Key-to-Start (Conventional Key-Start ONLY). **Not compatible with Push-to-Start vehicles.**
- **Engine Type:** Gas engine only. **Not for Hybrid vehicles.**
- **Transmission:** Automatic Transmission ONLY.

Figure 2: Visual guide indicating compatibility with key-start ignition systems and incompatibility with push-to-start systems.

Figure 3: Important visual distinction between compatible key-start ignition and incompatible push-to-start ignition systems.

3. PACKAGE CONTENTS

The MPC 5-Button Remote Start System kit includes the following components:

- Remote Start Module
- Immobilizer Bypass Module
- (2) 5-Button 1-Way Remote Controls
- All necessary wiring harnesses and connectors
- Installation Tip Sheet (downloadable via provided link)

Figure 4: The two included 5-button 1-way remote controls for operating the system.

4. INSTALLATION GUIDE

Important: This is not a plug-and-play system. Basic installation knowledge is required. The installation involves making standard wiring connections within your vehicle. MPC provides a downloadable installation tip sheet with specific wire colors and locations for your vehicle model.

4.1. Preparation

- Ensure your vehicle is turned off and the parking brake is engaged.
- Disconnect the vehicle's battery to prevent electrical shorts during installation.
- Download and review the MPC exclusive copyrighted installation tip sheet for your specific vehicle. This sheet provides detailed, step-by-step instructions.

Figure 5: Examples of accessing the MPC installation tip sheet on various devices (smartphone, tablet, laptop).

4.2. Wiring Connections

Follow the detailed instructions provided in your vehicle-specific tip sheet for all wiring connections. This includes connecting the remote start module and the immobilizer bypass module to the vehicle's electrical system. The immobilizer module will temporarily override the vehicle's immobilizer system only during remote start operation.

4.3. Module Programming

The firmware for your vehicle is preloaded onto the module. Follow the tip sheet for any necessary programming steps to synchronize the module with your vehicle's system and the remote controls.

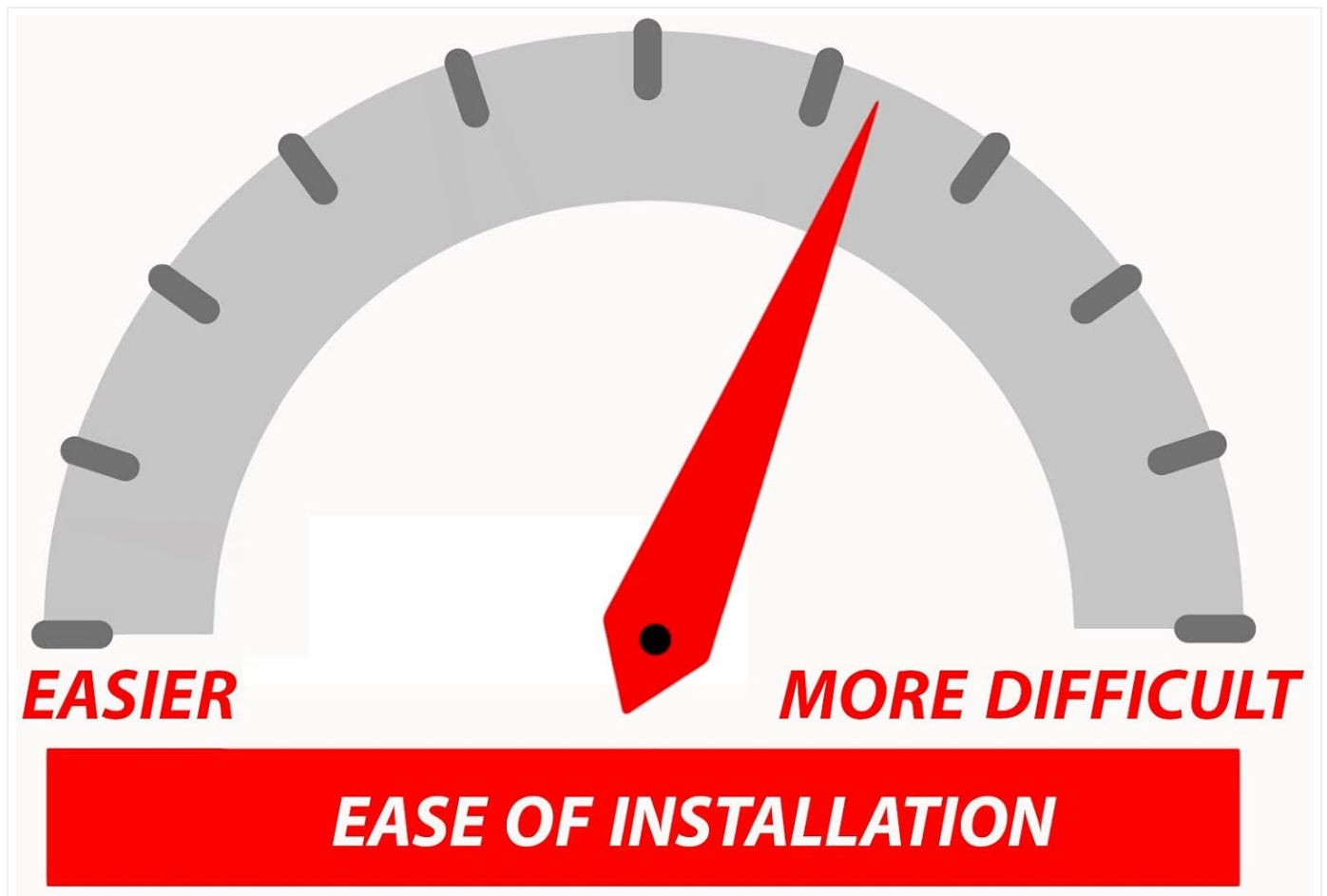EASIER   MORE DIFFICULT

EASE OF INSTALLATION

Figure 6: An indicator showing that the installation process requires a higher level of technical skill and is not considered easy.

Figure 7: A typical pry tool, often useful for safely removing interior panels during installation.

5. OPERATING INSTRUCTIONS

The MPC 5-Button Remote Start System provides various functions via the included remote controls.

5.1. Remote Start Operation

- To start your engine remotely, press the **Start** button on your remote control.
- The vehicle will start and run for a pre-programmed duration (5, 10, 20, or 30 minutes, configurable).
- To turn off the engine remotely, press the **Start** button again.

5.2. Door Lock/Unlock

- Press the **Lock** button to lock your vehicle's doors.
- Press the **Unlock** button to unlock your vehicle's doors.

5.3. Trunk/Hatch Release

- Press and hold the **Trunk/Hatch** button to pop your trunk or back hatch.

5.4. Programmable Features

- **Auto-Start Mode:** Configure the system for 2, 3, or 4 hourly auto-start options.
- **Run Time:** Adjust the remote start run time to 5, 10, 20, or 30 minutes.
- **Multi-Vehicle Control:** The remote allows control of two vehicles if configured.

Refer to your specific installation tip sheet for detailed instructions on programming these features.

6. MAINTENANCE

The MPC Remote Start System is designed for minimal maintenance. Keep the remote controls clean and dry. Replace remote control batteries as needed to ensure optimal range and functionality.

7. TROUBLESHOOTING

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

- **System Not Responding:** Check remote control battery. Ensure you are within the 1500 ft operating range.
- **Engine Not Starting Remotely:** Verify vehicle compatibility (Key-to-Start, Gas, Automatic Transmission). Ensure all doors, hood, and trunk are closed. Check if the parking brake is engaged.
- **Remote Range Issues:** Replace remote battery. Ensure no major obstructions between the remote and the vehicle.
- **Installation Issues:** Double-check all wiring connections against the provided tip sheet. Ensure proper module programming.

For persistent issues or complex problems, please contact MPC Technical Support.

8. Specifications

Product Specifications

Feature	Detail
Model Number	B-1491-339
Remote Type	(2) 5-Button 1-Way Remotes
Operating Range	Up to 1,500 feet
Vehicle Compatibility	2004-2006 Lexus RX330 (Key-to-Start, Gas, Automatic Transmission)
Engine Type	Gas (40-bit regular key)
Product Dimensions	12 x 15.5 x 0.5 inches
Item Weight	3 pounds

9. Technical Support and Warranty

9.1. Technical Support

MPC offers dedicated technical support to assist with installation and troubleshooting. For assistance, please contact:

- **Availability:** Monday - Friday, 9am - 5pm Arizona time (MST)
- **Web-based Support:** You can open a web-based support ticket 24/7.

Figure 8: MPC provides expert technical support for installation and operational queries.

9.2. Legal Disclaimer

This kit does not include any OEM key fob or OEM remote. Product may not work in vehicles manufactured for sale outside of U.S. & Canada.