

MPC B-3744-105

MPC Complete Factory Remote Activated Remote Start Kit User Manual

Model: B-3744-105

1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the installation, operation, and maintenance of your MPC Complete Factory Remote Activated Remote Start Kit for 2011-2015 Acura RDX. This kit allows you to remotely start, warm, or cool your vehicle using your existing factory key fobs.

The kit includes a Crimestopper RS0 Add-on Remote Start module, a Fortin EVO-ALL Data Bypass Module, and a T-Harness. The firmware is preloaded, ready for programming to your specific vehicle. This system is designed for 2011-2015 Acura RDX C1-D2 models with Key-to-Start ignition and gas engines. It is compatible with automatic transmission vehicles only.

Please read this manual thoroughly before beginning installation or operation to ensure proper functionality and safety.



Figure 1.1: Overview of the MPC Complete Remote Start Kit components, including the main module, bypass module, wiring harnesses, and installation tip sheet.

2. VEHICLE REQUIREMENTS AND COMPATIBILITY

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

- **Vehicle Model:** 2011-2015 Acura RDX C1-D2
- **Ignition Type:** Key-to-Start ignition only. **Not compatible with Push-to-Start vehicles.**
- **Fuel Type:** Gas engine only. **Not for Hybrid vehicles.**
- **Transmission:** Automatic transmission vehicles only.
- **Region:** Product may not work in vehicles manufactured for sale outside of U.S. & Canada.



Figure 2.1: Visual representation of vehicle compatibility, emphasizing that only conventional key-start ignition systems are supported, not push-to-start or hybrid vehicles.

3. SETUP AND INSTALLATION

This kit features a semi plug-and-play installation with a T-Harness, significantly reducing the number of required wiring connections compared to typical systems. However, some wiring connections will still be necessary. Detailed, step-by-step instructions with wire colors and locations are provided via a downloadable tip sheet.

3.1 Required Tools (Not Included)

- Wire strippers/crimpers
- Electrical tape or heat shrink tubing
- Multimeter (recommended for verifying connections)
- Basic automotive trim removal tools (a pry tool may be useful)



Figure 3.1: An example of a plastic pry tool, useful for safely removing interior trim panels during installation.

3.2 Installation Process Overview

1. **Preparation:** Disconnect the vehicle's battery. Access the necessary wiring harnesses and modules in your vehicle, typically behind the dashboard or steering column.
2. **Module Connection:** Connect the T-Harness to the vehicle's wiring and the remote start and bypass modules.
3. **Wiring Connections:** Make any necessary hardwired connections as specified in the detailed tip sheet. These connections are crucial for proper system operation.
4. **Module Programming:** Follow the specific programming steps for the Fortin EVO-ALL Data Bypass Module and the Crimestopper RS0 Add-on Remote Start. This typically involves a sequence of key turns and button presses.
5. **Testing:** Reconnect the battery and test the remote start system thoroughly before reassembling the vehicle's interior.
6. **Reassembly:** Secure all modules and wiring, then reassemble the vehicle's interior trim.

A person with basic knowledge of car electronics wiring should be able to install this product successfully. For detailed instructions, refer to the exclusive copyrighted step-by-step installation tip sheet provided by MPC's professional technicians. A link to download this sheet will be provided with your purchase.

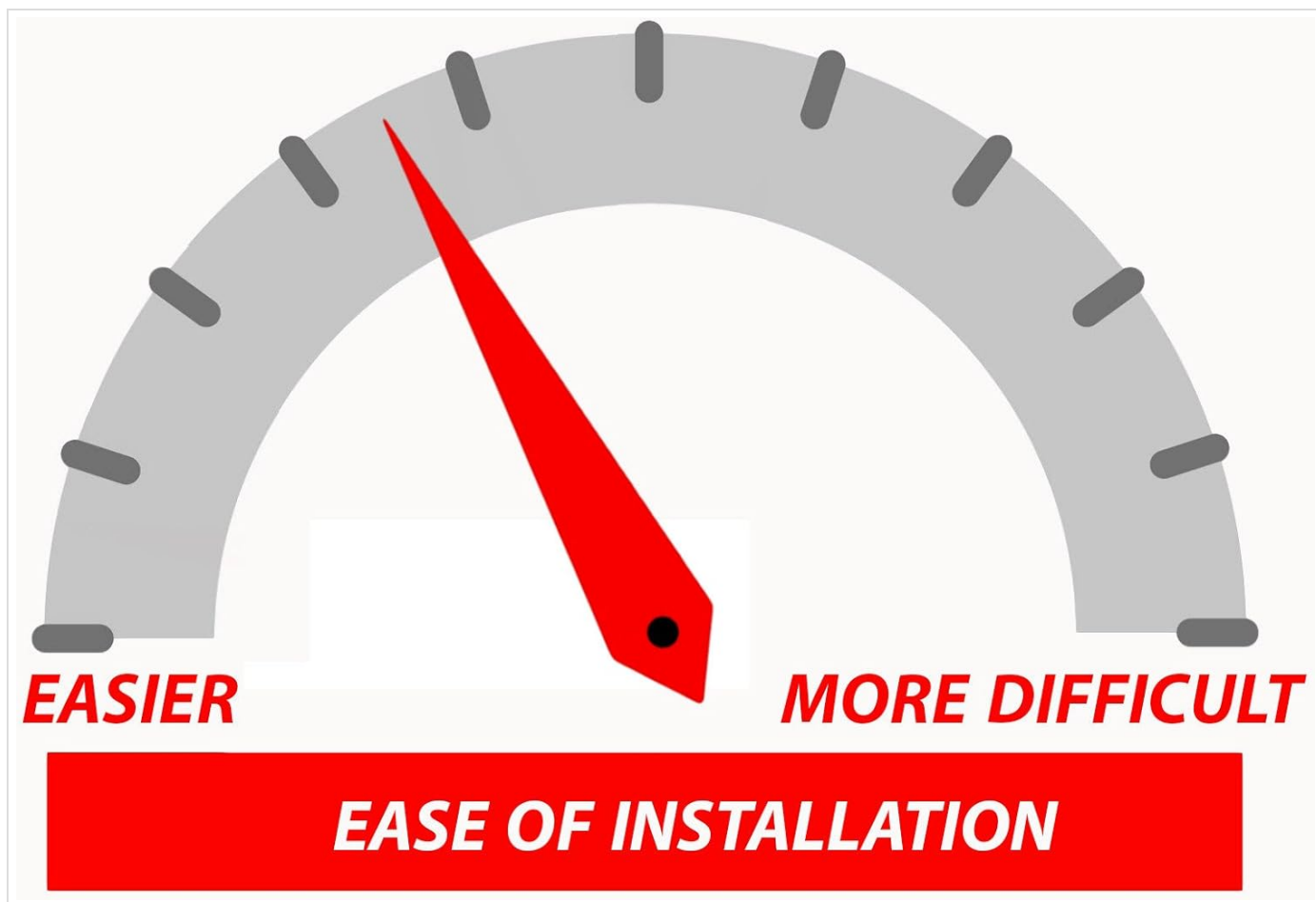


Figure 3.2: An illustration suggesting the semi plug-and-play nature of the installation makes it easier than fully hardwired systems.

4. OPERATING INSTRUCTIONS

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

4.1 Starting Your Vehicle Remotely

To activate the remote start function, press the "**lock**" **button three times** on your factory key fob within a short succession. The vehicle's parking lights will flash, and the engine will start.



Figure 4.1: Example of various OEM factory key fobs that can be used to activate the remote start system.

4.2 Remote Start Features

- **Run Time Options:** The system can be programmed for run times of 5, 10, 20, or 30 minutes. The default setting is typically 15 minutes.
- **Auto-Start Mode:** Programmable 2, 3, or 4 hourly auto-start mode options are available. This feature allows the vehicle to automatically start at set intervals, useful in extreme weather conditions to maintain cabin temperature or battery charge.
- **Shutting Down Remotely:** To turn off the vehicle remotely, press the "lock" button three times again on your factory key fob.
- **Entering the Vehicle:** Once the vehicle is running via remote start, insert your key into the ignition and turn it to the "ON" or "RUN" position (do not turn to "START"). Press the brake pedal to disengage the remote start and take control of the vehicle.

5. MAINTENANCE

The MPC Remote Start Kit is designed for long-term reliability and typically requires minimal maintenance. However, periodic checks can ensure optimal performance.

- **Wiring Connections:** Periodically inspect all wiring connections for any signs of wear, corrosion, or looseness. Ensure all connections remain secure.
- **Module Placement:** Verify that the remote start and bypass modules are securely mounted and not exposed to excessive moisture or heat.
- **Firmware Updates:** While firmware is preloaded, occasional updates may be released by the manufacturer for improved performance or compatibility. Check the MPC website or contact technical support for information on available updates and procedures.
- **Battery Health:** Ensure your vehicle's battery is in good condition, especially during colder months, as remote starting can place additional demands on the battery.

6. TROUBLESHOOTING

If you encounter issues with your MPC Remote Start Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not start remotely.	Incorrect key fob sequence. Hood pin switch engaged. Low vehicle battery. Door/trunk/hood ajar. Brake pedal pressed. System not programmed correctly. Wiring issue.	Ensure "lock" button is pressed three times quickly. Check that the hood is fully closed. Check vehicle battery voltage. Ensure all doors, trunk, and hood are closed. Ensure no pedals are pressed. Re-verify programming steps. Inspect all wiring connections.
Remote start activates but vehicle shuts off immediately.	Bypass module not programmed or faulty. Incorrect wiring connection (e.g., tach signal).	Re-program the bypass module. Verify all wiring connections, especially those related to ignition and engine status.
Remote start range is poor.	Interference. Weak key fob battery.	Move to an area with less radio frequency interference. Replace the battery in your factory key fob.

If these steps do not resolve the issue, please contact MPC Technical Support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Product Name	Complete Factory Remote Activated Remote Start Kit
Brand	MPC
Model Number	B-3744-105
Compatible Vehicle	2011-2015 Acura RDX C1-D2 (Key-to-Start, Gas, Automatic Transmission)
Remote Control	Uses existing factory key fobs (3x lock press)
Run Time Options	5, 10, 20, or 30 minutes (programmable)
Auto-Start Options	2, 3, or 4 hourly (programmable)
Dimensions	20.32 x 12.7 x 5.08 cm (Product)
Weight	1.36 kg
Manufacturer	MPC Products

8. TECHNICAL SUPPORT AND WARRANTY

8.1 Technical Support

MPC provides U.S. based technical support for this product. If you have questions about installation, programming, or troubleshooting, assistance is available.

- **Support Hours:** Monday through Friday, 9am to 5pm Arizona time.
- **Contact:** Support tickets can be submitted 24/7 and are answered in the order received during business hours. Refer to the installation tip sheet or your purchase documentation for specific contact methods (e.g., email, phone number).



Figure 8.1: MPC offers free expert technical support from Monday to Friday, 9am to 5pm MST.

8.2 Warranty Information

Specific warranty details are typically provided with your product purchase or can be found on the manufacturer's official website. It is recommended to retain your proof of purchase for warranty claims. The warranty generally covers defects in materials and workmanship under normal use.

For detailed warranty terms and conditions, please refer to the documentation included with your kit or visit the MPC Products website.