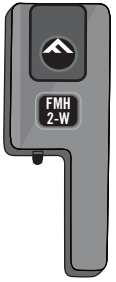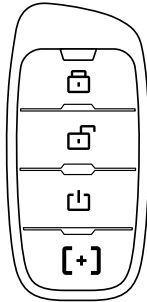# MPC™
AUTOMOTIVE ACCESSORIES

INSTALLATION & PROGRAMMING GUIDE FOR

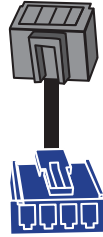## FORTIN®   RFK-441   REMOTE TRANSMITTER KIT

PARTS INCLUDED

ANT-FMH-2W ANTENNA	2x RM441 REMOTES	ANTENNA CABLE	RFA2A ADAPTER
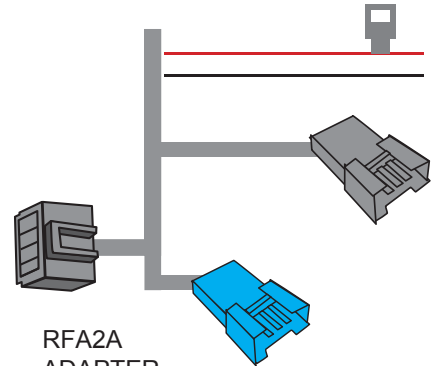
This guide will show you how to connect the RFK-441 add-on RF remote transmitter kit to an EVO-ONE. The RFA2A adapter will NOT be used in this application.

STEP 1. VERIFY BASIC EVO-ONE OPERATION

Before beginning the RF remote kit installation, it is best to verify basic operation of your EVO-ONE. Your installation tip sheet will show you the vehicle wiring & programming procedure for your EVO-ONE. This must be completed before adding the RF remote kit.

The antenna mast should be mounted at the top of the interior side of windshield.
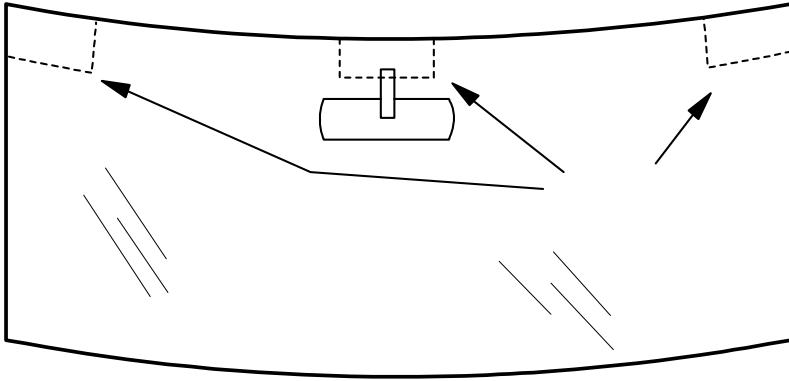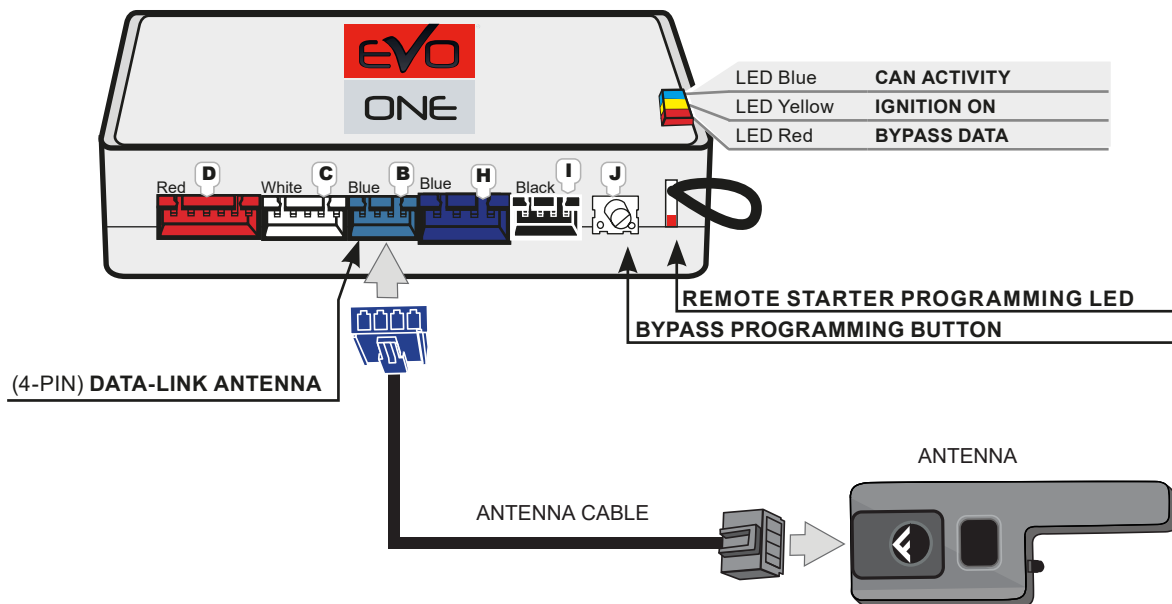
Tuck the antenna wire into the headliner, as you route it towards the driver side "A" pillar. Then tuck the wire into the "A" pillar as you route it down towards the driver side under dash area or wherever your EVO-ONE module is located.

1) Connect the black plug from the antenna cable to the port on the antenna mast.

2) Connect the blue plug from the antenna cable to the matching port on the EVO-ONE

LED Blue	**CAN ACTIVITY**
LED Yellow	**IGNITION ON**
LED Red	**BYPASS DATA**

Red **D**   White **C**   Blue **B** Blue   **H**   Black **I** **J**

REMOTE STARTER PROGRAMMING LED
BYPASS PROGRAMMING BUTTON

(4-PIN) **DATA-LINK ANTENNA**

ANTENNA

ANTENNA CABLE

Once your connections are made, you will need to program your remote transmitters to sync with your EVO-ONE. Perform the following steps:
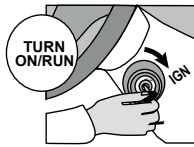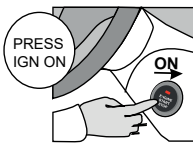
STEP 1

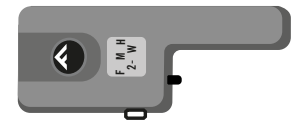| REGULAR KEY VEHICLE	OR	PUSH-TO-START VEHICLE
Turn the key to the ON/RUN position.		Press and release the Push-to-Start button to turn ON the ignition. This can be 1X or 2X depending on the vehicle.

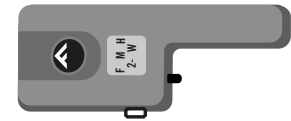The LED will be OFF.

STEP 2

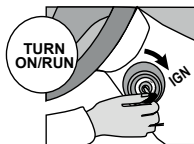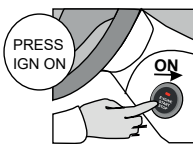| REGULAR KEY VEHICLE	OR	PUSH-TO-START VEHICLE
Turn the Ignition to the OFF position.		x1 PRESS — Press and release the Push-to-Start button once to turn OFF the ignition.

The LED will be OFF.

STEP 3

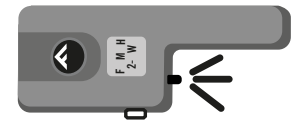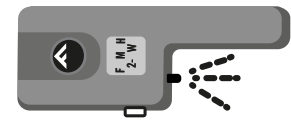| REGULAR KEY VEHICLE	OR	PUSH-TO-START VEHICLE
Turn the key to the ON/RUN position.		Press and release the Push-to-Start button to turn ON the ignition. This can be 1X or 2X depending on the vehicle.

The LED will turn ON solid.

STEP 4

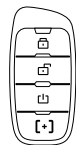Press and release the brake pedal four times. x4

The LED will flash rapidly.
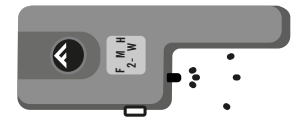
STEP 5

RM441

[+] Press → 🔒 Then Press

On each Transmitter
Press and release the **AUX** button
THEN
Press and release the **LOCK** button

The LED will stop flashing for a second confirming programming for each remote.
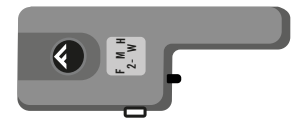
STEP 6

REGULAR KEY VEHICLE	OR	PUSH-TO-START VEHICLE
Turn the Ignition to the OFF position.		x1 PRESS — Press and release the Push-to-Start button once to turn OFF the ignition.

The LED will turn OFF.
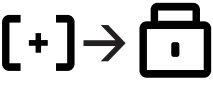
The remotes are now programmed.

STEP 5. TEST THE SYSTEM

Once programming is complete, test the remotes for operation.

USING THE REMOTE CONTROL

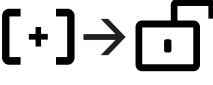| BUTTON	COMMAND	TIME PRESSED	DESCRIPTION
🔒 PRESS	LOCK	1 SECOND	Locks all doors, arms the anti-theft system and activates the Alarm (if available).
🔒 PRESS	PANIC	3 SECONDS	Press **LOCK** for 3 seconds to activate the Panic.
🔓 PRESS	UNLOCK	1 SECOND	Unlocks all doors, disarms the anti-theft system and deactivates the Alarm (if available).
⎍ PRESS	START	3 SECONDS	Remote start the vehicle. Press START again to reset the runtime.
[+] PRESS	TRUNK	3 SECONDS	Opens the trunk, and deactivates the Alarm (if available). The Alarm ignores the trunk zone until it is closed.
[+] → ⎍ PRESS RELEASE PRESS	STOP	1 SECOND	Cancel the remote start sequence.
[+] → 🔒 PRESS RELEASE PRESS	AUXILIARY1	1 SECOND	Activates the auxiliary1 (if available).
[+] → 🔓 PRESS RELEASE PRESS	AUXILIARY2	1 SECOND	Activates the auxiliary2 (if available).
[+] → (🔒 + [+]) PRESS RELEASE PRESS SIMULTANEOUSLY 3 SECONDS **DISABLE THE REMOTE BUTTONS**		UNTIL THE RED LED TURN ON	Disable all the remote's buttons for safety.
			⚠ The RED LED will come on whenever a button is pressed when the remote is DISABLED.
[+] → (🔒 + [+]) PRESS RELEASE PRESS SIMULTANEOUSLY 3 SECONDS **ENABLE THE REMOTE BUTTONS**		UNTIL THE GREEN LED TURN ON	Enables the buttons on the remote.

REMOTE-STARTING THE VEHICLE

STEP 1   To remote-start the vehicle press the START button for approximately 3 second.

STEP 2   The vehicle ignition will turn on to indicate a response to the Remote-Start signal.

STEP 3   Approximately 5 seconds later the engine will crank and remain on for the entire duration of the Remote-Starter runtime, or until the Remote-Starter is shut down.

If the EVO-ONE fails to start the vehicle on the first attempt, it will wait 3 seconds before it will attempt to start the vehicle again. The Remote-Starter will attempt to start the vehicle 2 times (default) before giving up. When a EVO-ONE fails to remote start, it will flash its red light a number of times as a diagnostic to tell you why it failed.

REMOTE START DIAGNOSTICS

Light flashes (before starting) :	
3x	Ready mode disabled
4x	Valet mode activated (The antenna LED is on solid)
5x	Hood open
Light flashes (after Shutdown) :	
1x	Normal stop (Brake, Park Brake)
3x	Runtime expired or shut down by transmitter
4x	No tachometer signal
5x	Hood open
6x	Over crank threshold (8 seconds)

DRIVING OFF

When the vehicle is running with the Remote-Starter 🔓 UNLOCK the doors with either the OEM remote, the remote-starter remote or the proximity remote*.
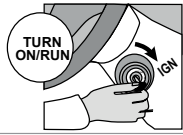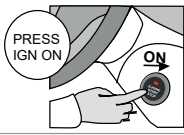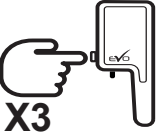Then perform the following steps for your vehicle type:

KEY TAKEOVER FOR STANDARD KEY VEHICLE		KEY TAKEOVER FOR PUSH-TO-START FORD / HYUNDAI / INFINITI / KIA / MAZDA / NISSAN / SUBARU*		KEY TAKEOVER FOR PUSH-TO-START ACURA/HONDA/LEXUS / SCION TOYOTA *	KEY TAKEOVER FOR PUSH-TO-START AUDI / BMW / CHRYSLER / GMC*
STEP 1	Do not press the foot brake (the engine will shut down).	STEP 1	Enter the vehicle with the SMART-KEY.	STEP 1 OFF The module will shut down the vehicle as soon as the drivers door is opened.	STEP 2 Press the foot brake.
STEP 2	Insert the key into the ignition and turn to ON position.	STEP 2	Do not press the foot brake.		STEP 3 The vehicle can now be now be put in to gear and driven.
		STEP 3 IGN	Press the Push-to-Start button 1x or 2x to turn ignition on.		
		STEP 4	Press the foot brake.		
STEP 3	Press the foot brake.	STEP 5	The vehicle can now be put in to gear and driven. If the Smart-Key is not detected the vehicle will shut down.		

WHEN SERVICING THE VEHICLE

!
- **Valet Mode** disables the remote starter and alarm. Whenever the vehicle is being serviced, repaired or the vehicle is parked indoors; Valet Mode can be enabled to prevent an accidental remote start. This can be done 2 ways:

VALET MODE (BY DEFAULT)

	FROM THE ANTENNA	OR	**FROM THE REMOTE**
STEP 1	**REGULAR KEY VEHICLE** OR **PUSH-TO-START VEHICLE** — TURN ON/RUN IGN **Turn** the key to the ON/RUN position. — PRESS IGN ON **ON** **Press and release** the Push-to-Start button to turn ON the ignition. This can be 1X or 2X depending on the vehicle.		[+] → (🔒 + 🔓)
STEP 2 X3	Within 10 seconds press and release the button on the antenna 3 times.		Press and release the FUNCTION button, and than press simultaneously the LOCK and UNLOCK.

Valet mode enabled : **The LED is ON**
Valet mode disabled : **The LED is OFF**