Installation Guide

Select 2010-2024 GM Standard Key

Kleinn Model #: RS-GM7

Chevrolet (Standard key)															
Camaro	10	11	12	13	14	15									
Colorado						15	16	17	18	19	20	21	22		
Cruze	10	11	12	13	14	15	16	17	18	19					
Equinox	10	11	12	13	14	15	16	17							
Impala					14	15	16	17							
Malibu				13	14	15									
Silverado Limited													22		
Silverado 1500					14	15	16	17	18	19	20	21			
Silverado 2500						15	16	17	18	19	20	21	22	23	
Silverado 3500						15	16	17	18	19	20	21	22	23	
Sonic			12	13	14	15	16	17	18	19	20				
Spark			12	13	14	15	16	17	18	19	20	21	22		
Suburban						15	16	17	18	19	20				
Tahoe						15	16	17	18	19	20				
Trailblazer												21	22	23	
Trax				13	14	15	16	17	18	19	20	21			24
GMC (Standard Key)															
Canyon						15	16	17	18	19	20	21	22		
Sierra 1500 Limited													22		
Sierra 1500					14	15	16	17	18	19	20	21			
Sierra 2500						15	16	17	18	19	20	21	22	23	
Sierra 3500						15	16	17	18	19	20	21			
Sierra HD						15	16								
Terrain	10	11	12	13	14	15	16	17							
Yukon						15	16	17	18	19	20				
Buick (Standard Key)															
Encore				13	14	15	16								
Lacrosse	10	11	12	13	14	15	16								
Regal	10	11	12	13	14	15	16	17	18						
Verano			12	13	14	15	16	17							

*** For automatic transmission vehicles only**

- This remote start will monitor the vehicle lock circuit and use the pulses generated by pressing Lock>Unlock>Lock on the OEM key fob to activate remote start.

  Note: OEM Flip-keys only: Keyless Entry will not function while the vehicle is remote started, the vehicle ignition has to be off for the keyless entry to function on vehicles with this key style.

- This is a pre-wired "plug & play" kit. No wired connections are required in the vehicle for installation. There are other loose wires in the t-harness . They are not used in this installation.
- We have already loaded the correct firmware into the remote start module. You will need to pair the module to your vehicle when the wiring is complete. Instructions are on page 4.

Step 1: Plug-In Connections

a. Locate the vehicle BCM - See BCM locations in step 2. The BCM module is behind the drivers side knee bolster and is easily identified by the seven colored multi-pin plugs.

b. Starting with the White plug at the end - remove the plug from the BCM and insert it into the female White plug in the remote start harness. Then insert the male White plug from the remote start harness back in to the empty BCM slot you unplugged the white from.

c. Repeat Step 1b with the Blue and Green plugs of the BCM. The wiring is now complete.

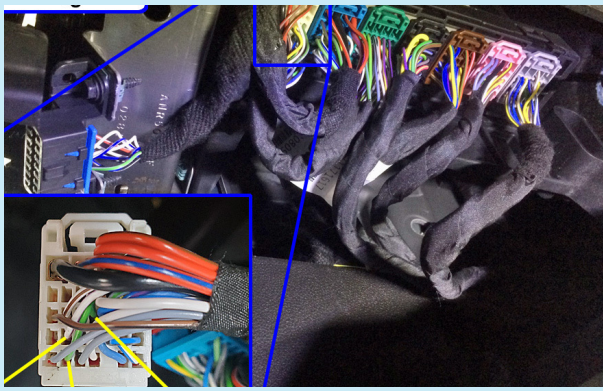
Step 2: Locating the connectors n the vehicle

Left of steering column

CHEVY / GMC
2014-2022 Silverado/Sierra 1500
2015-2023 Silverado 2500 / 3500
2015-2023 Sierra 2500
2015-2021 Sierra 3500
2015-2020 Suburban / Tahoe / Yukon
2010-2017 Equinox / Terrain
2013-2015 Malibu

BUICK
2013-2016 Encore
2010-2016 Lacrosse
2010-2018 Regal





Above driver's kick panel

Chevy/GMC

2015-2022 Colorado/Canyon
2013-2021 Trax
2014-2019 Cruze
2014-2017 Impala
2012-2022 Spark
2012-2020 Sonic







Right side center console

Chevy
2010-2015 Cruze

Buick
2012-2017 Verano





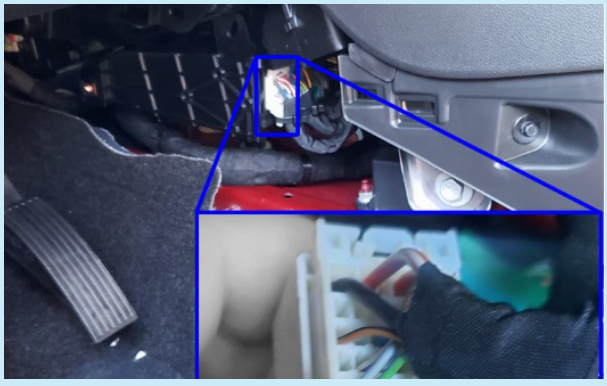
Left side center console

Chevy

2021-2023 Trailblazer

2024 Trax



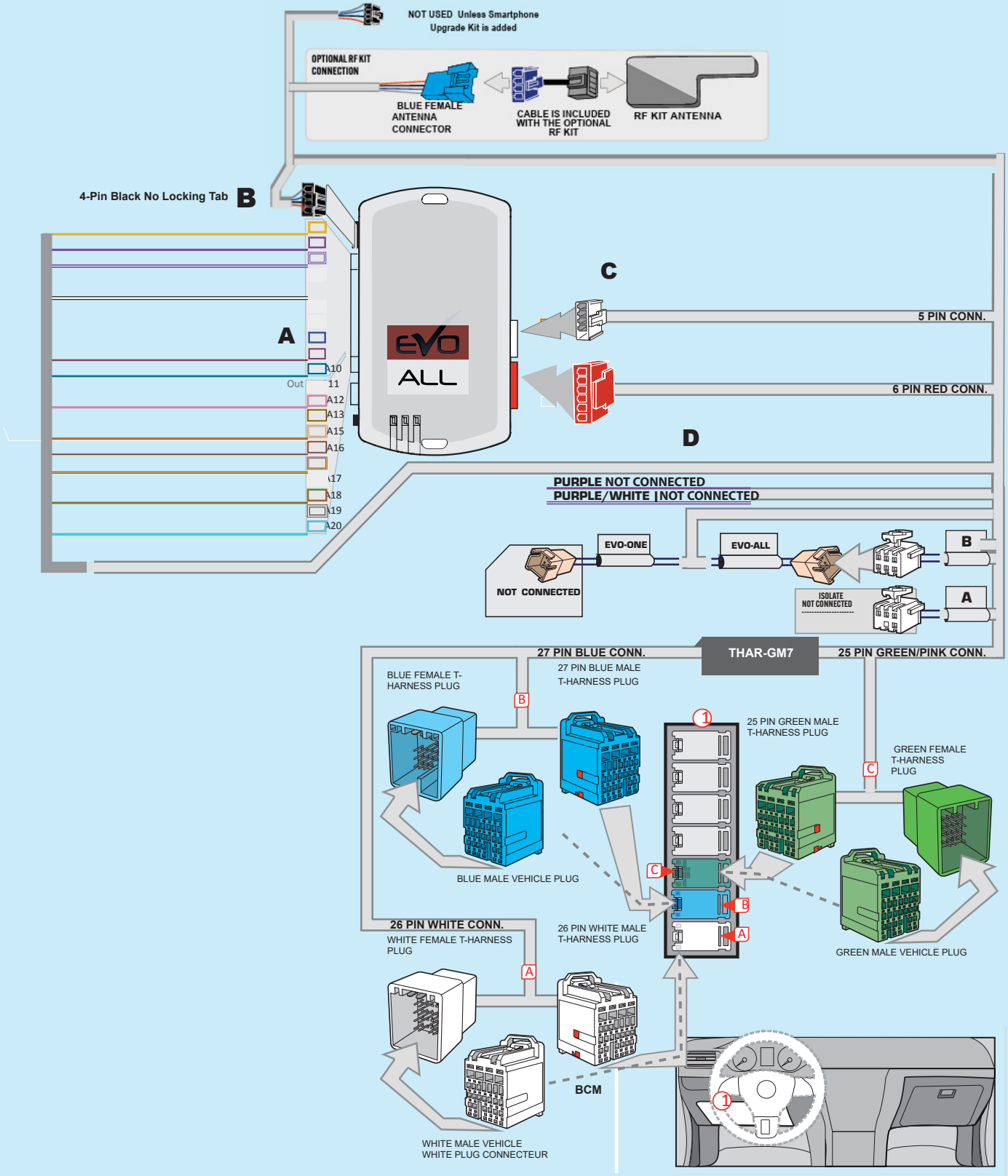


Not shown

Chevy

2010-2015 Camaro
(BCM above gas pedal)

System Wiring Diagram

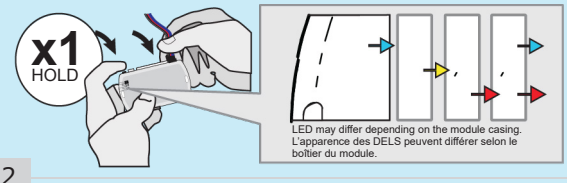


Step 3: Programming

Unplug all the connectors from the EVO module, find the 4-Pin black plug with no clip, then follow the steps below.



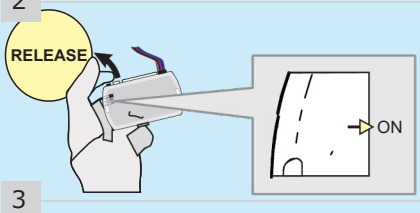
1



Press and **hold** the programming button:
While holding the button down, Connect the 4-PIN Data-link harness (Black connector).

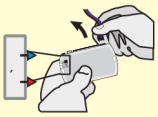
- *The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

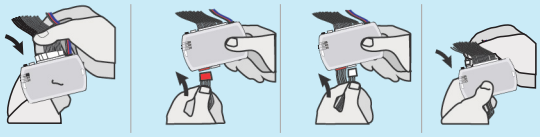


Release the programming button when the LED is YELLOW only

If the LED is not solid YELLOW disconnect *the 4-Pin connector (Data-Link) and go back to step 1*

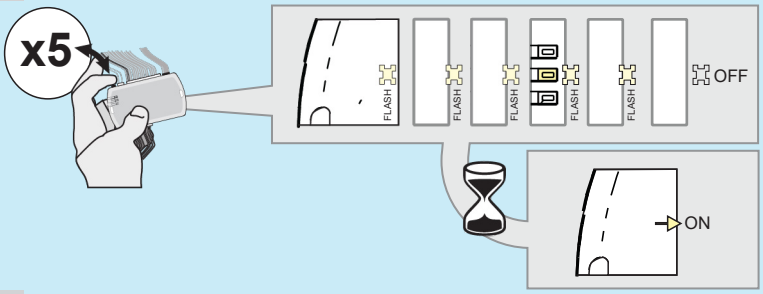


3



Insert the required remaining connectors.

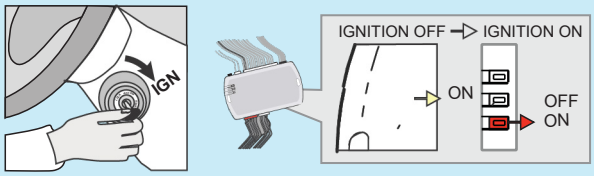
4



Press and **release** the programming button five times (5x).

- *The YELLOW LED will alternate between 5x flashes and a pause.*
- Wait *until the YELLOW LED turns ON.*

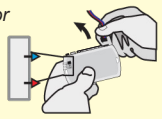
5



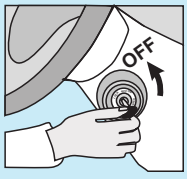
Turn the key to the Ignition ON/RUN position.

- *The RED LED will turns ON.*
- *The YELLOW LED turns OFF.*

If the LED is not solid RED, disconnect *the 4-Pin connector (Data-Link) and go back to step 1.*

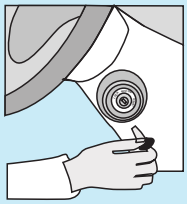


6



Turn the key to the OFF position.

7



Remove the key from the Ignition barrel.

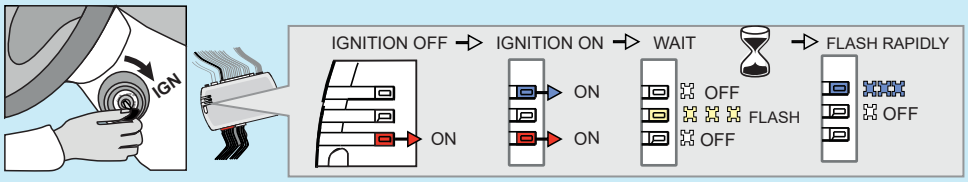
CONTINUED NEXT PAGE

8

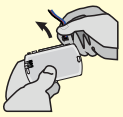


Wait 5 seconds.

9



If the LEDs do not react as shown, disconnect the 4-Pin connector (Data-Link) and go back to step 1.



Turn the Ignition to the ON position.

└The BLUE LED will turns ON.

- ☐ Wait, *the BLUE & RED LED will turns OFF.*
- ☐ Wait, *the YELLOW LED will Flash.*
- ☐ Wait, *the YELLOW LED will turns OFF.*
- ☐ Wait, *the BLUE LED will Flash rapidly.*

10



WITHOUT ON-STAR®

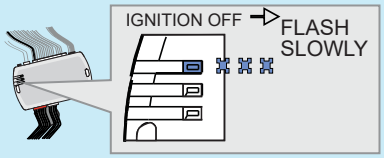
Press and release the programming button once (1x) if you do not have ON STAR

WITH ON-STAR®

Skip this step and turn the key off without pressing the button if you have ON STAR

11

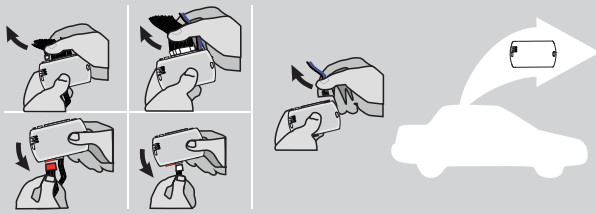




Turn the key to the OFF position.

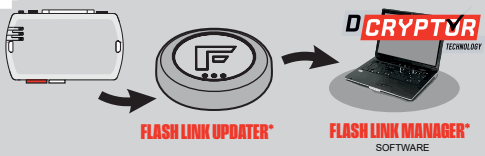
└*the BLUE LED flashes slowly.*

12



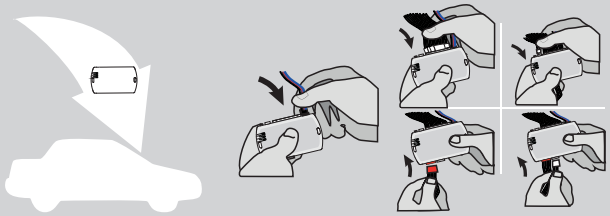
Disconnect all the connectors unplugging the Data-Link (4-pins) Black connector **LAST.**

13



Use the tool: **FLASH LINK UPDATER. Detailed instructions on Page 7.**

14



AFTER DCRYPTOR PROGRAMMING IS COMPLETED Go back to the vehicle and **reconnect** the 4-Pin (Data-Link) connector and after, all the remaining connector.

The module is now programmed.



Test the remote starter. **Remote start** the vehicle.

Step 4: Dcryptor Programming

We have preloaded the correct firmware and settings to make your system work, but the type of anti-theft system in your vehicle requires a final "DCRYPTOR" programming process that can only be done after the installation is complete and the EVO has read your key code.

***The Flashlink Manager Download requires a Windows Computer with USB port & Web Access.**

Steps to download Flashlink Manager

1. Download the Flashlink Manager from the link below and choose save to your desktop.
2. Open the Flashlink Manager Software that you saved to the computers desktop.
3. Login using the credentials provided below.

Click the link below or copy and paste it into your browser.

https://fortin.ca/en/support/flashlinkmanager/

- USER NAME: **flash@kleinn.com**
- PASSWORD: **Flash2020**

- **PLEASE DO NOT** click on "Reset your password" if your login fails. This will cause our universal login to get deleted causing issues for anyone else using the login. If your login fails, it's usually due to incorrect digits being typed in. Re-type them exactly as shown above for the email/username and password Making sure you capitalize the "F" in the password.)
- **PLEASE DO NOT** click on a message asking you to update the FLL tool, this will damage the FLL

Steps to Connect FLL Tool & EVO-ALL Module to Computer

1. First, plug the Flash Link Lite (FLL) tool alone (without the EVO ALL Module connected) into the computer's USB port.

The light on the (FLL) updater will turn solid red after it flashes through the colors. You should then see a message on the Flashlink manager screen that says "Flashlink Lite Detected" with a green dot under it.

2. With the Flashlink Lite Tool connected, plug the EVO ALL Into the FLL tool using the supplied 4 pin cable, the screen status should show connection and the LED on the EVO will turn Red.

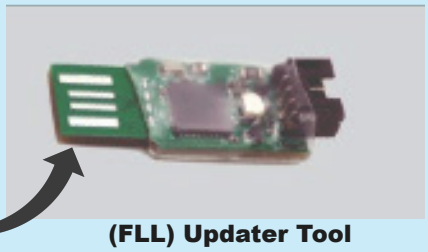
NOTE: It is important to connect the Flash Link Lite (FLL) tool and the EVO-ALL module to the computer in the order outlined above. If the EVO-ALL is not detected, or if all three lights flash at once when you connect it to the FLL, unplug just the EVO-ALL module from the FLL tool, wait a second, and plug it back in, it may take a few times of trying that before it loads completely.



Windows Computer with Internet connection



1. Plug this end of the (FLL) programming tool directly into the USB port on the PC



(FLL) Updater Tool



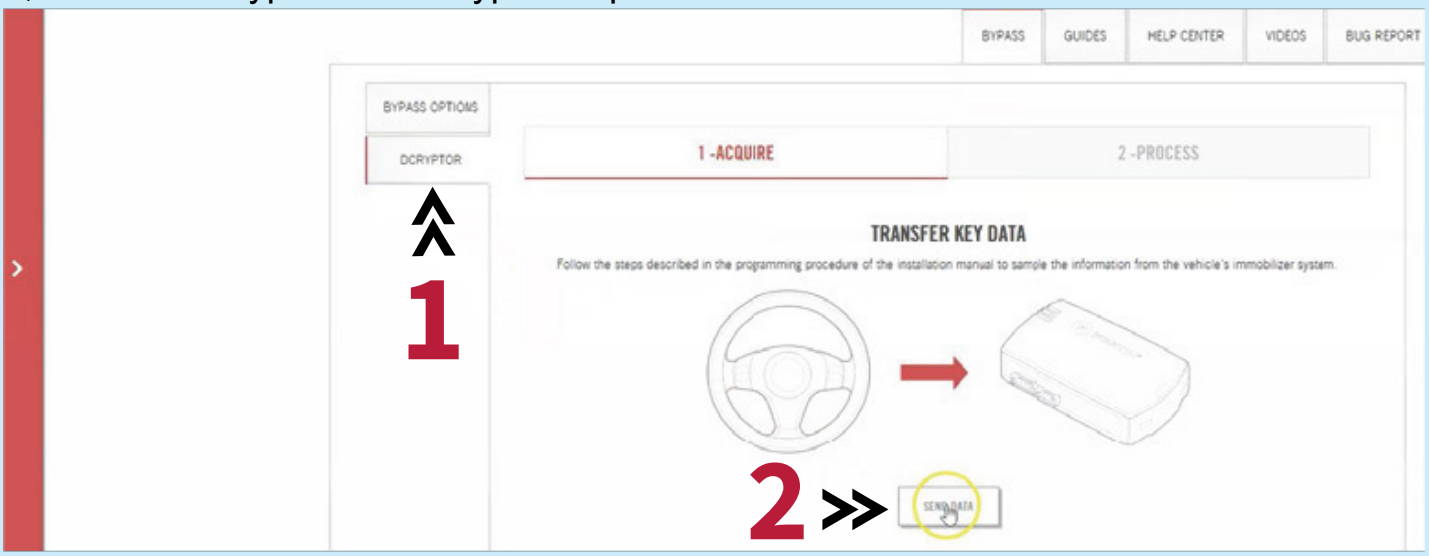
2. Connect the EVO-ALL Module to the (FLL) Tool using the 4 wire data cable provided.



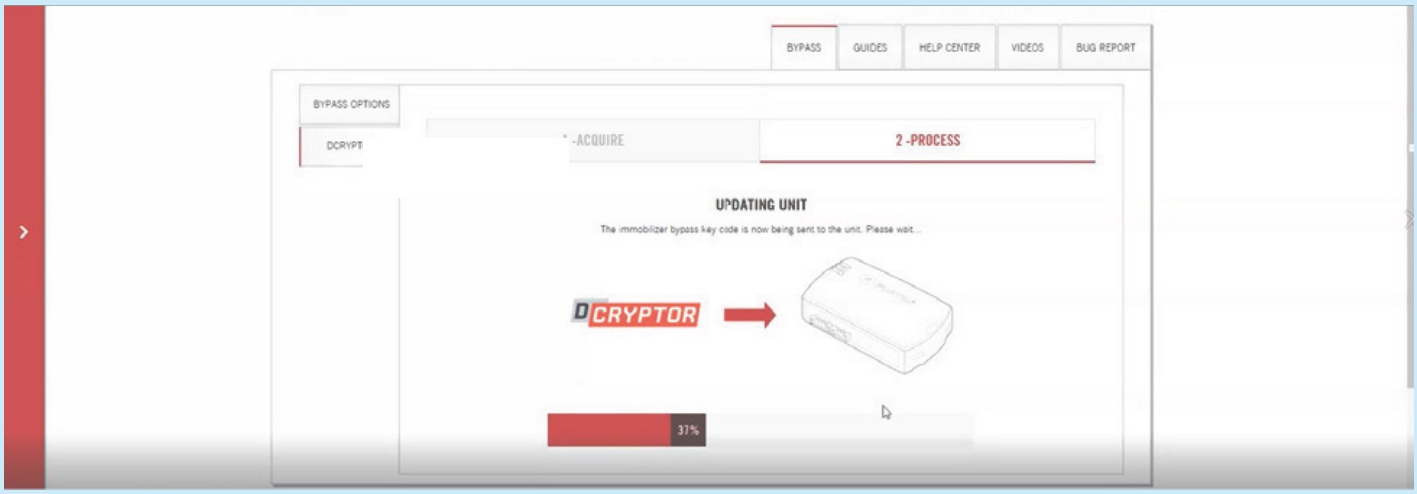
EVO-ALL

Step 5: Dcryptor Programming

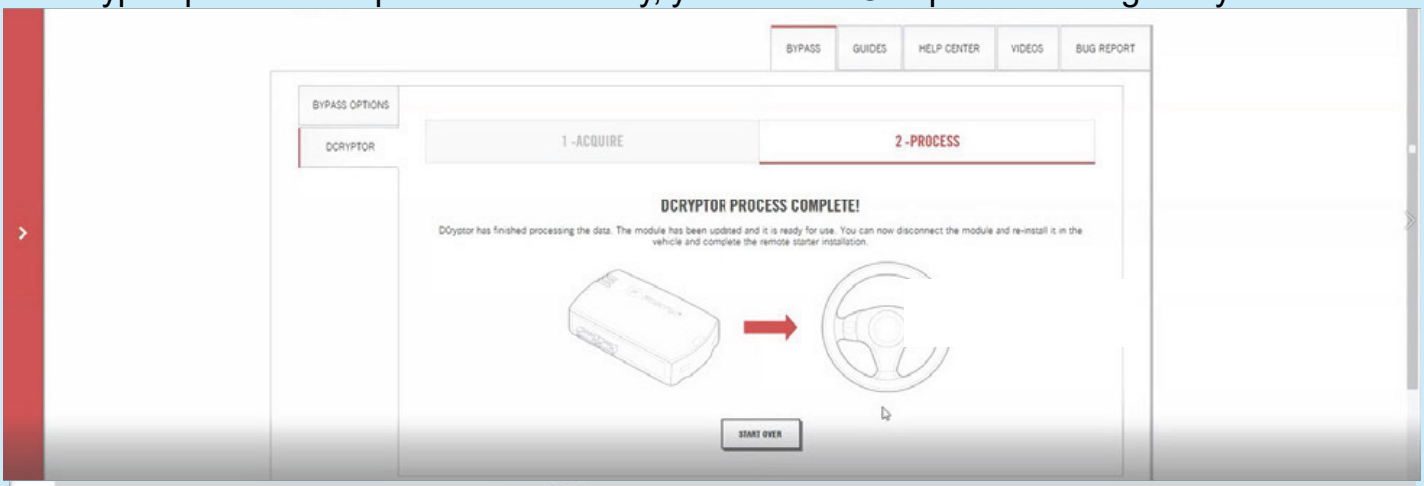
- First, click the Dcryptor under Bypass Options tab. Second click on the Send data tab.

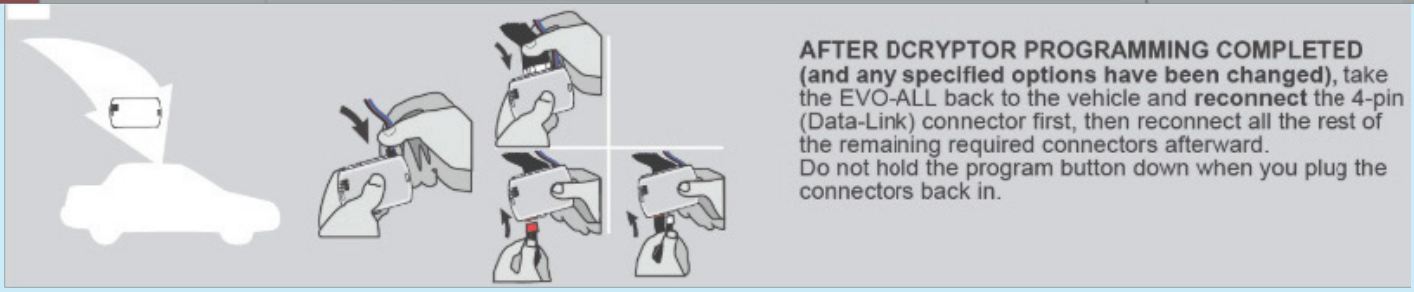


- Wait while the FLL updater reads data from the EVO-ALL. Once it is done it will update the EVO-ALL. You will see a status bar on the screen. When it hits 100%, the Dcryptor process is complete.



- If the Dcryptor process completed successfully, you'll see a "Complete" message on your screen.





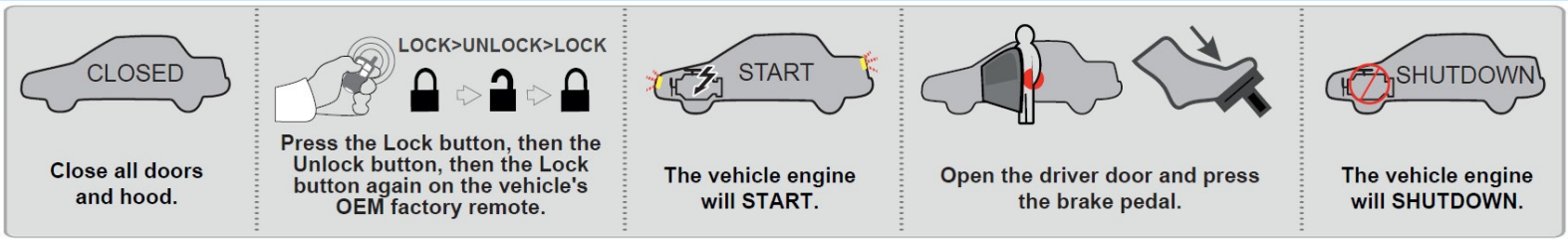
AFTER DCRYPTOR PROGRAMMING COMPLETED (and any specified options have been changed), take the EVO-ALL back to the vehicle and **reconnect** the 4-pin (Data-Link) connector first, then reconnect all the rest of the remaining required connectors afterward.
Do not hold the program button down when you plug the connectors back in.

Step 6: Test the System

Once all wiring and programming are done, you should test the system to make sure everything is working properly before you finish up the installation.

- Take all vehicle keys with you, and exit the vehicle. Make sure all doors and hood are closed.
- Press the **lock button, then unlock, and then lock again** on the vehicle factory OEM remote three times in succession. Timing is important! Pressing the buttons too fast or too slow will not activate the system. The presses should be about 1 second apart. **Lock 1000 Unlock 1000 Lock**. When you press the buttons you will see the blue LED light up on the EVO-ALL, 1 for lock and 2 for unlock. **NOTE:** If you do not see the blue light when you press the lock button it did not recognize the lock button press. Double check your connections and start the programming from step 1.
- A few seconds later the vehicle gauges should power up. Then a few more seconds later the starter should crank and the engine turn on. Make sure the vehicle stays running at least a couple minutes, and that the climate controls are working. If the optional parking light wire is connected, the parking lights will turn on when the vehicle is remote started as a visual indicator. The engine will remain running for 15 minutes (default) or until it receives signal from a shutdown mechanism.
- Enter the vehicle and step on the brake pedal. Pressing the brake pedal is the shutdown mechanism so make sure it is working. The remote starter can also be shutdown by pressing the lock/unlock/lock button sequence on the factory OEM remote again, or opening the hood.

Enter the vehicle with the OEM Key at least 10' away. Step on the brake pedal to stop the engine.



If everything functions as it should, check out the next step for take over instructions.

This system can accept up to 4 RF remotes of the same type at a time. Only one controller type may be used by this system at a time. Smartphone control is available by adding part number MOBILE2W, RF remote kits are also available in 1 and 4 button options. RF kits cannot be combined with the Smartphone kit, the module can only accept one upgrade at a time.

The vehicles OEM remotes will activate the remote starter as well as your external remote control. Ask a salesman for details on the available upgrade kits Kleinn offers.

Ask a salesman for details or click below to shop for the available upgrade kits Kleinn offers.

Click Below for Optional Upgrade Kits for Extended Range & More

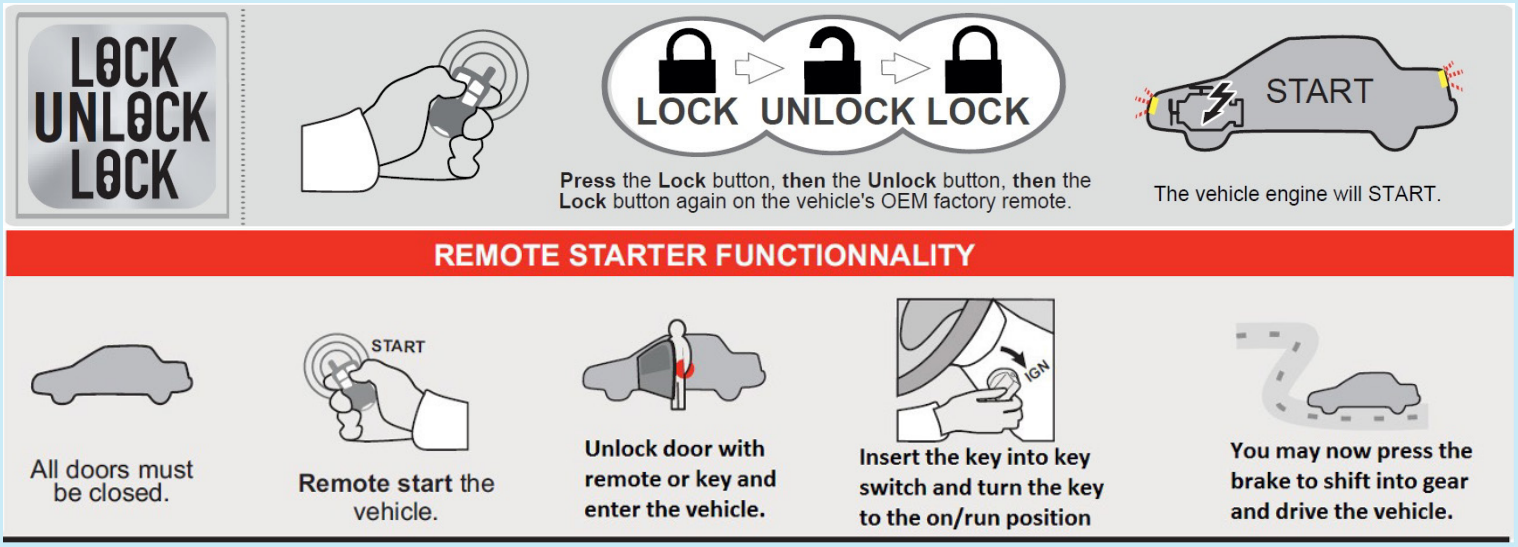
Click here to shop upgrades

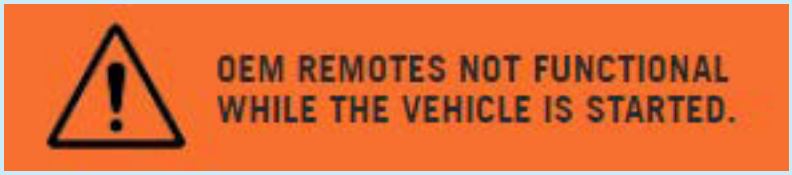
Step 7: Finish it Up

After confirming that everything works properly, Cap off or tape the ends of any wires you're not using to avoid grounding or other contacts.

- Now gather up all the wiring and neatly bundle it together using zip ties or electrical tape to prevent the wires from interfering with any of the moving parts under the dash.
- Test the system often when you are putting your vehicle back together.
- Find a secure place to put the remote start module and use zip ties to secure it. Be careful not to zip tie near your connections as it may create a bad connection.
- Replace any interior vehicle panels that were removed to gain access to the needed wires, in reverse order that they were removed.
- Test the system as you reinstall the panels in your vehicle to make sure you do not pull something loose or pinch a wire. Be careful not to run a screw through a wire or pinch a wire while reinstalling panels.

ACTIVATION: PRESS **LOCK-UNLOCK-LOCK** ON THE OEM REMOTE **IF** EQUIPPED WITH KEYLESS ENTRY. **COUNT 1000 IN BETWEEN PRESSES FOR CORRECT TIMING (OR) HOLD THE BUTTON ON THE REMOTE DOWN FOR 3 SECONDS** WHEN USING AFTERMARKET REMOTES.





Now gather up all of your wiring and neatly bundle it together using zip ties or electrical tape. Find a secure place to put the remote start module and use zip ties to secure it. Make sure that the remote start wires are not near any moving parts on the steering wheel, pedals or emergency brake! Re-Install any panels that were removed to gain access to key switch in reverse order they were removed. Be careful not to pinch any wires. ENJOY!

Parts List :

- EVO-ALL Remote Start Data Module
- THAR-GM7 T-Harness
- FLL

If you have any installation questions or problems, call for tech support

520.579.1531 or Email: info@kleinn.com

Copyright 2026Kleinn Automotive Accessories