Installation Guide

2007-2017 Select GM Trucks/Vans/SUVs

KLEINN SKU# KL RSGM4

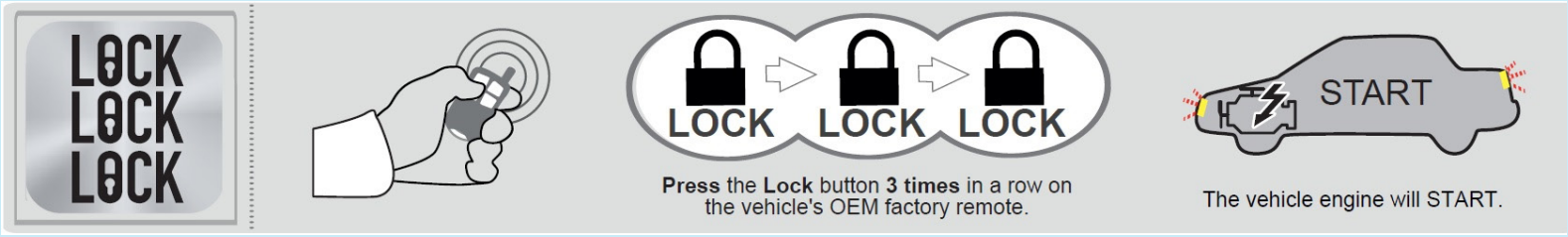
Chevrolet (Standard Key)											
Avalanche	07	08	09	10	11	12	13				
Express		08	09	10	11	12	13	14	15	16	17
Express 2500		08	09	10	11	12	13	14	15	16	17
Express 3500		08	09	10	11	12	13	14	15	16	17
Silverado 1500	07	08	09	10	11	12	13				
Silverado 2500	07	08	09	10	11	12	13	14			
Silverado 3500	07	08	09	10	11	12	13	14			
Suburban	07	08	09	10	11	12	13	14			
Tahoe	07	08	09	10	11	12	13	14			
GMC (Standard Key)											
Savana (also 18-23)		08	09	10	11	12	13	14	15	16	17
Sierra 1500	07	08	09	10	11	12	13				
Sierra 2500	07	08	09	10	11	12	13	14			
Sierra 3500	07	08	09	10	11	12	13	14			
Sierra HD	07	08	09	10	11	12	13	14			
Yukon	07	08	09	10	11	12	13	14			
Cadillac (Standard Key											
Escalade	07	08	09	10	11	12	13	14			

* **For automatic transmission vehicles only**

- This is a pre-wired "plug & play" kit. No wired connections are required in the vehicle for this 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 connections in the vehicle have been made then use a windows computer to complete Dcryptor programming.

Activation:

This remote start will monitor the vehicle lock circuit and use the pulses to activate the remote starter.
Remote Starter Activation: Press Lock>Lock>Lock on your OEM remote to start the vehicle.



Check out our extended range RF Remote or Smartphone Control upgrade kits

Click Here for Upgrade Options

Parts Required:

- **EVO-ALL Remote Start Module (70.XX/D1,D1.6,D1.10,H2)**
- **THAR-GM4 T-Harness**
- **FLL Flash Link Lite Updater Tool**

Disclaimer

Neither the manufacturer nor the distributor of these components are responsible for damages of any kind either indirectly or directly caused by the components, except for the replacement of the components in case of manufacturing defects. This guide is subject to change without notice.

There are 7 main steps to this installation:

Application, overview, and Step 1 Preparation. Pages 1-2

Steps 2-2.1 Making the connections. Pages 3 & 4

Step 3 Program the module in the vehicle. Page 5

Step 4 Download Flashlink Manager Software. Page 6

Step 5 Connect FLL and complete Dcryptor programming. Page 7

Step 6 & 7 Test and Finish Page 8

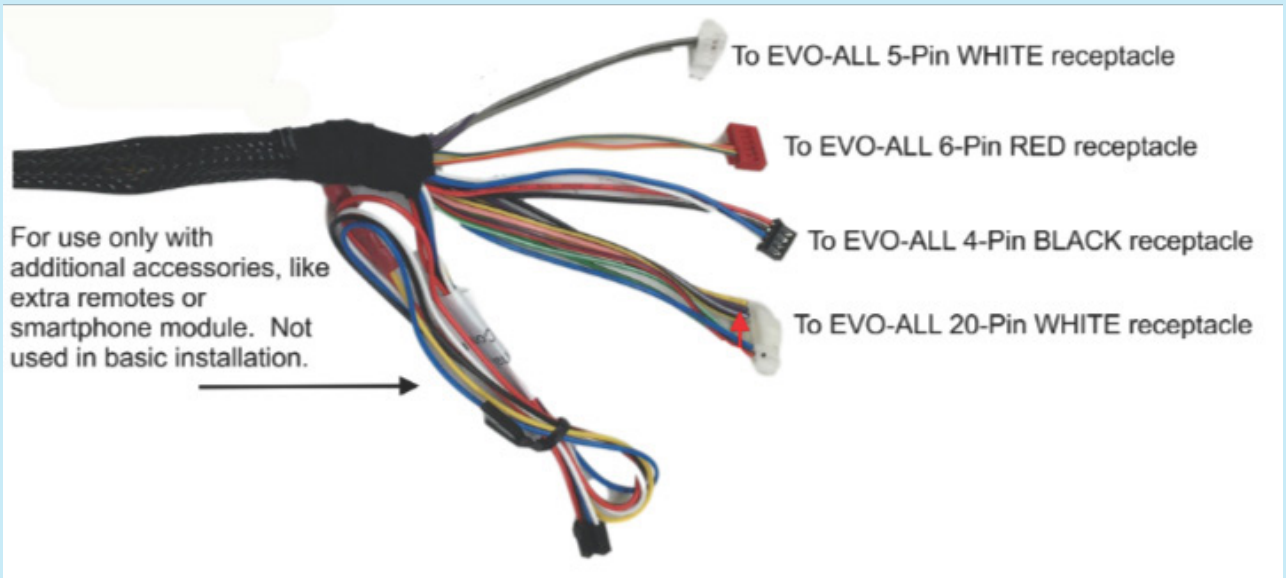
Service Number

- **Document Service Number. Take a picture of the metallic sticker on the back of the EVO-ALL that starts with 001A07 shown in the example below or write down the service number. Should you need tech support, this number will assist us in troubleshooting your kit.**

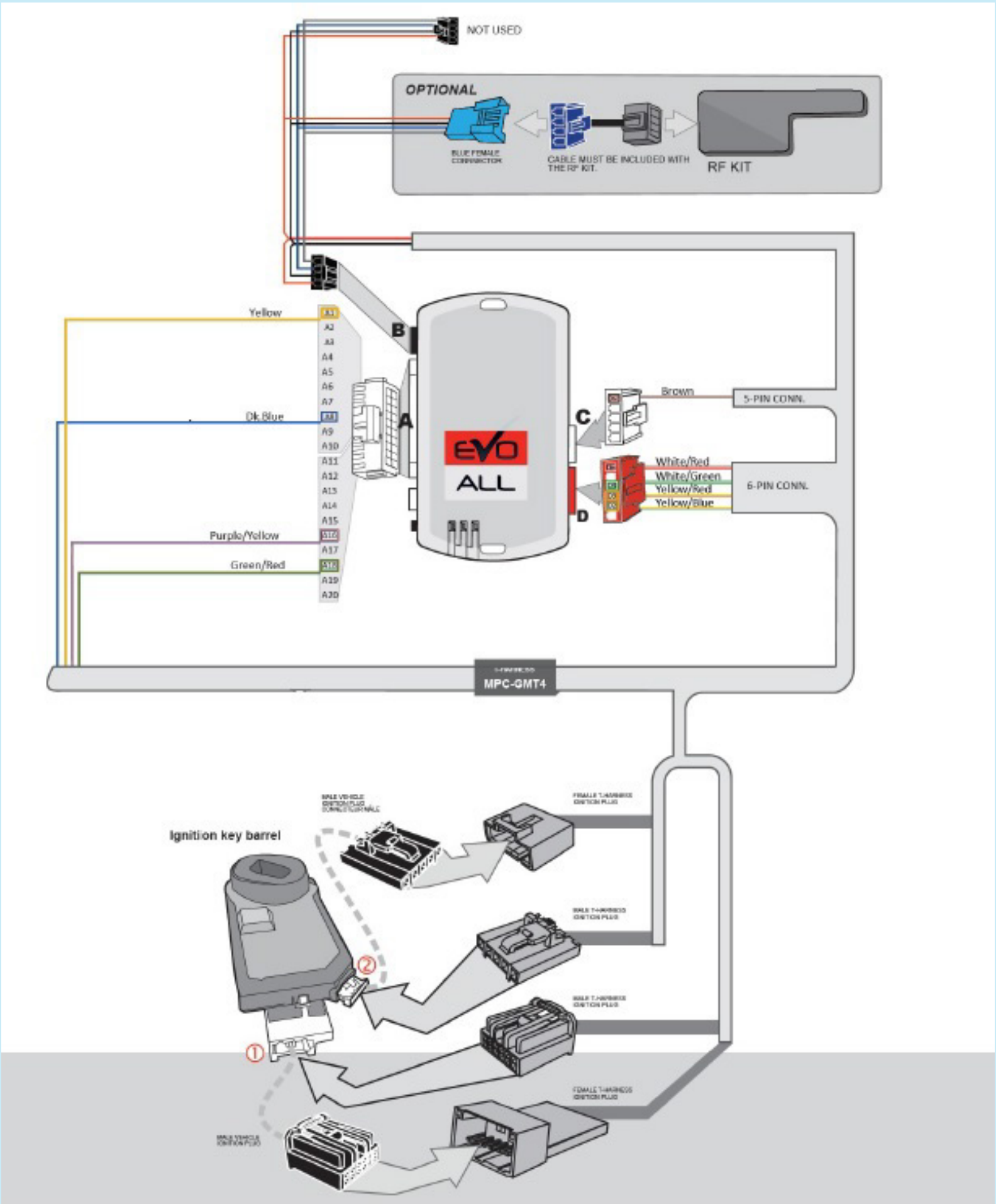


Step 1: Preparation

- **Remove the steering column Shroud to access the ignition plugs, removing the lower dash cover allows you room and show open room to zip tie the module and wiring neatly when completed.**
- **There are 2 t-harness connections to be made. Any loose wires can be neatly zip tied or taped up.**
- **The blue plug is not used but is necessary for RF remote upgrade kits that provide extended range.**
- **The black plug with locking tab is not used but is necessary for the Smartphone upgrade kit.**
- **There are 4 total plugs that will connect to the EVOALL shown below.**



System Wiring Diagram

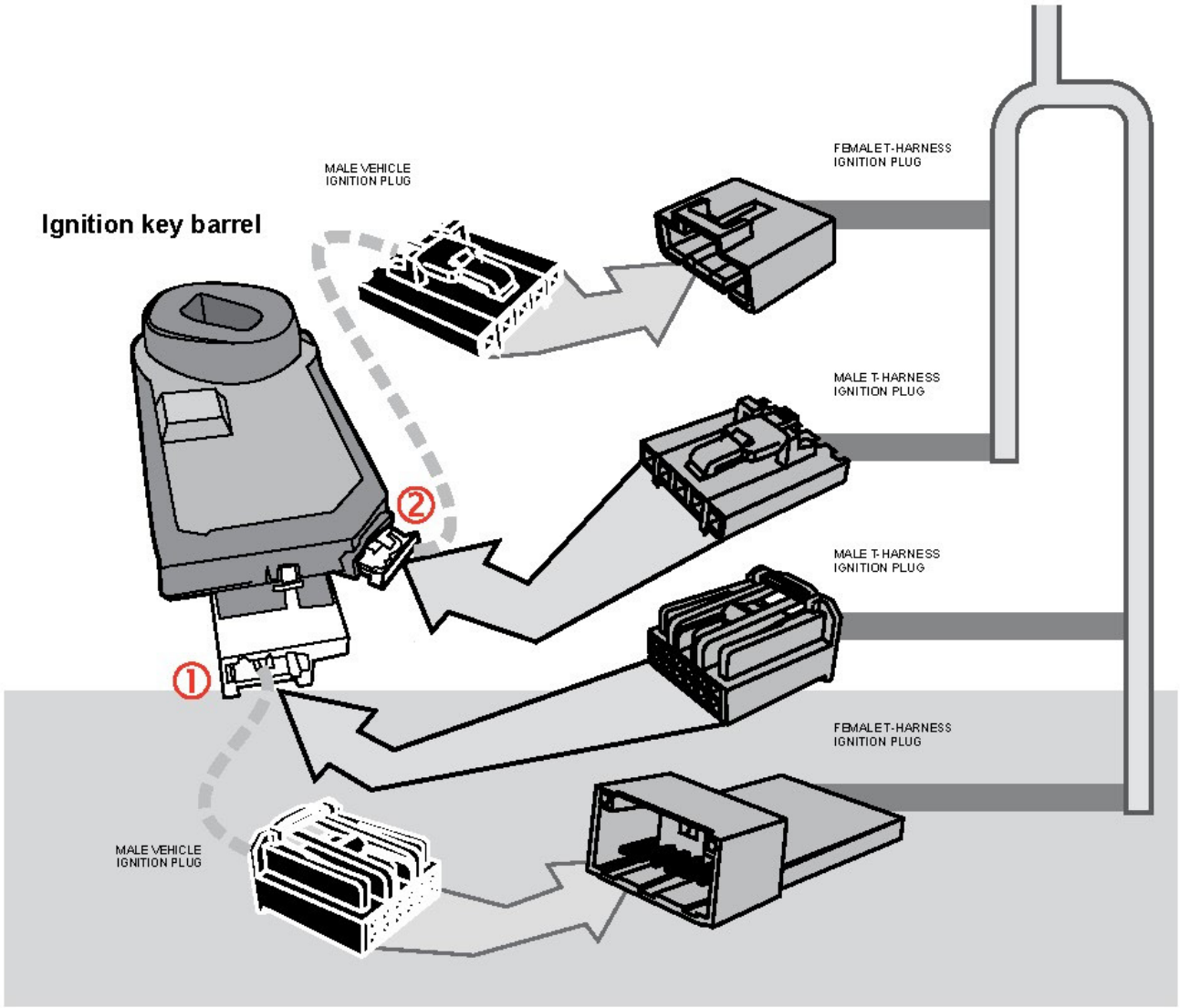


Step 2.1: Make the 2 T-Harness Connections.

1. **Under the steering column cover, unplug the ignition plug #1 from the vehicles ignition plug shown in the main diagram**

2. **Then plug the male t harness plug into the vehicle and then plug the factory ignition plug into the female side of the t harness.**

3. **Repeat with the smaller transponder labeled plug #2 in the diagram.**
The wiring is now complete.







DO NOT plug any of the connectors into the EVO-ALL module until the programming procedure is ready to be performed.
(Programming steps found further below in tipsheet)

If any connections were plugged in before programming, disconnect all plugs from the EVO-ALL module with the Black 4-pin disconnected LAST

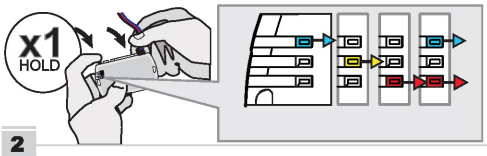
Step 3: Programming the Module in the vehicle.

Before starting the programming sequence, make sure that none of the connectors are plugged into the EVO-ALL. Instructions for programming the EVO-ALL are below.

While holding the button down on the EVO-ALL (step 1 in the programming instructions), insert the black end of the power cable WITHOUT the locking tab into the EVO-ALL black receptacle.



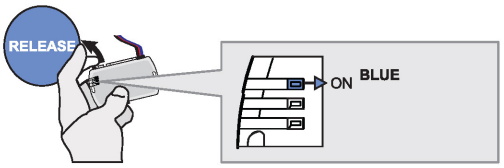
1



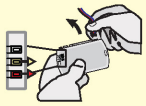
Press and **hold** the programming button:
Connect the 4-PIN Data-link harness (Black connector).

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

2



Release the programming button when the LED is BLUE.



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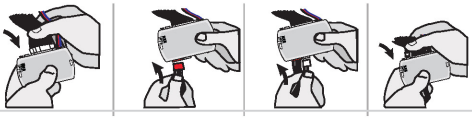
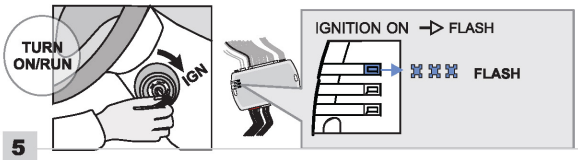


Insert the required remaining connectors.

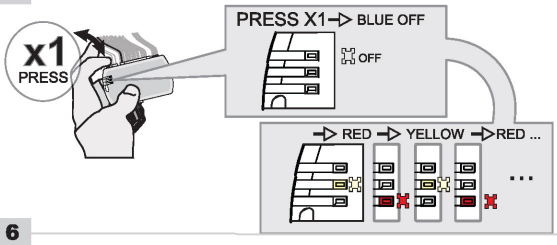
4



Turn the key to the Ignition ON/RUN position.

↳*The Blue LED will flash rapidly.*

5

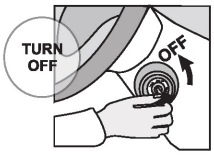


Press and **release** the programming button once (1x).

↳*The Blue LED will turn OFF.*

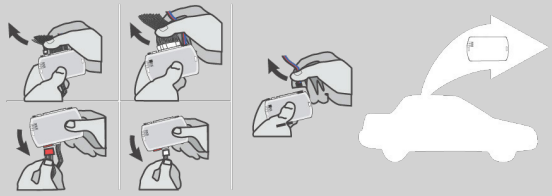
↳*The YELLOW and RED LEDS will alternate..*

6



Turn the key to the OFF position.

7



Now that you have the lights indicated in the last step, the Dcryptor programming needs to be done to complete the installation Unplug all the connectors from the EVO -ALL. Be sure to unplug the black connector last.

8



Microsoft Windows Computer with USB & Internet connection REQUIRED FOR THE DCRYPTOR STEPS

Open the Flashlink Manager software on your computer and log in. It is important to connect the module to the computer in the **exact** order as shown to the left.

Step 4: Download Flashlink Manager and Save to your Computer Desktop.

We have loaded the correct GM firmware into the remote start module. You will need to program the module in the vehicle when the wiring is complete, then download the Flashlink manager and follow the Dcryptor for the module to learn your key code.

The Flashlink Manager requires a WINDOWS PC with internet access, a USB port and (FLL) updater.

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

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

Next Download the WINDOWS DESKTOP SOFTWARE and save it to your desktop. Open the software from your desktop and Log in using the credentials provided below.

Use this Username: flash@kleinn.com

Use this 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.)

Now that you have the Flashlink manager open, follow the steps below in order .

- First, plug the Flash Link Lite (FLL) tool alone into your Windows computer's USB port. The light on the (FLL) updater will turn solid red after it flashes a bit. You should then see a message that says "Module not detected". When you see that, plug the EVO ALL Into the FLL tool using the supplied 4 pin cable. It is important to connect the Flash Link Lite (FLL) tool and the EVO-ALL module to the computer in this order for it to detect properly.

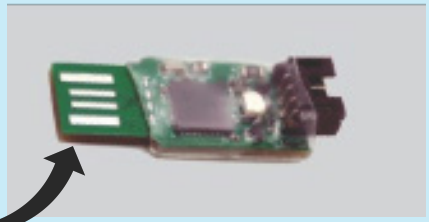
**Note: You may see a message pop up asking you to update the FLL, do not click on it! The Flashlink updater tool does not need to be updated.



Windows Computer with Internet connection

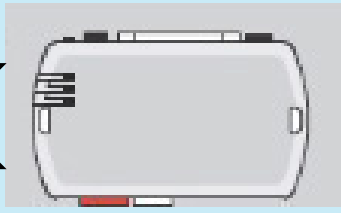


Plug this end of the (FLL) programming tool directly into the USB port on the PC



(FLL) Updater Tool





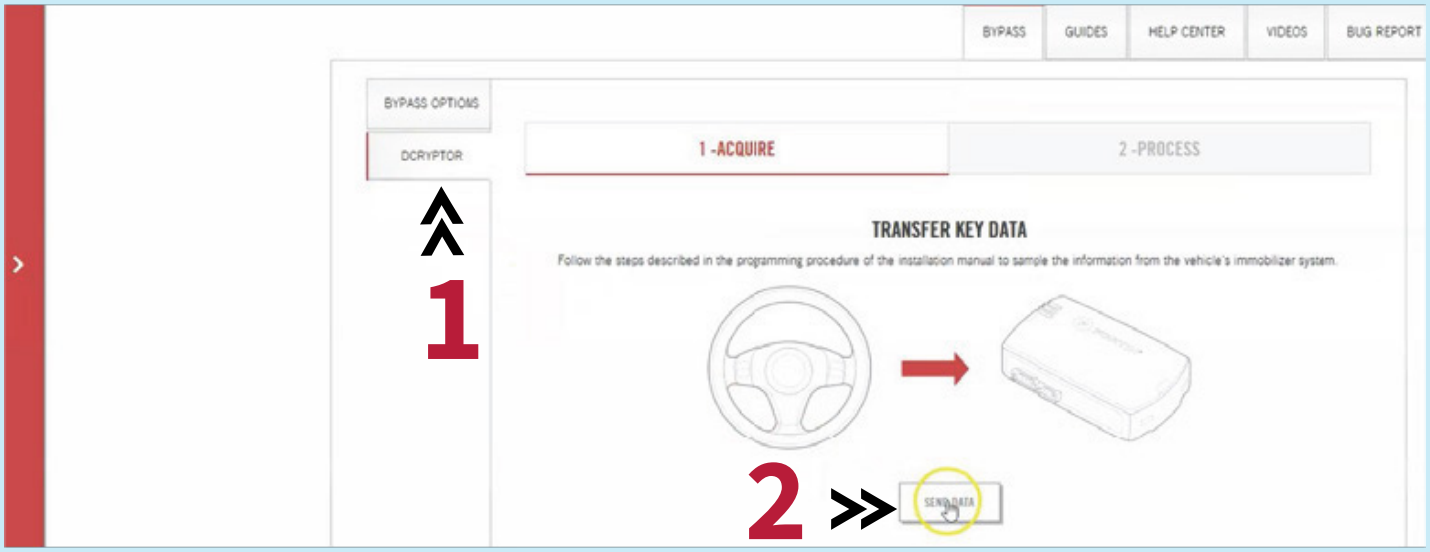
EVO-ALL

**Note: If the LED on the EVO-ALL does not show a RED LED light when you plug it into the FLL while it's connected to the PC, if all three lights flash at once, or if the EVO-ALL is not detected, unplug 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 the module is recognized by the software.

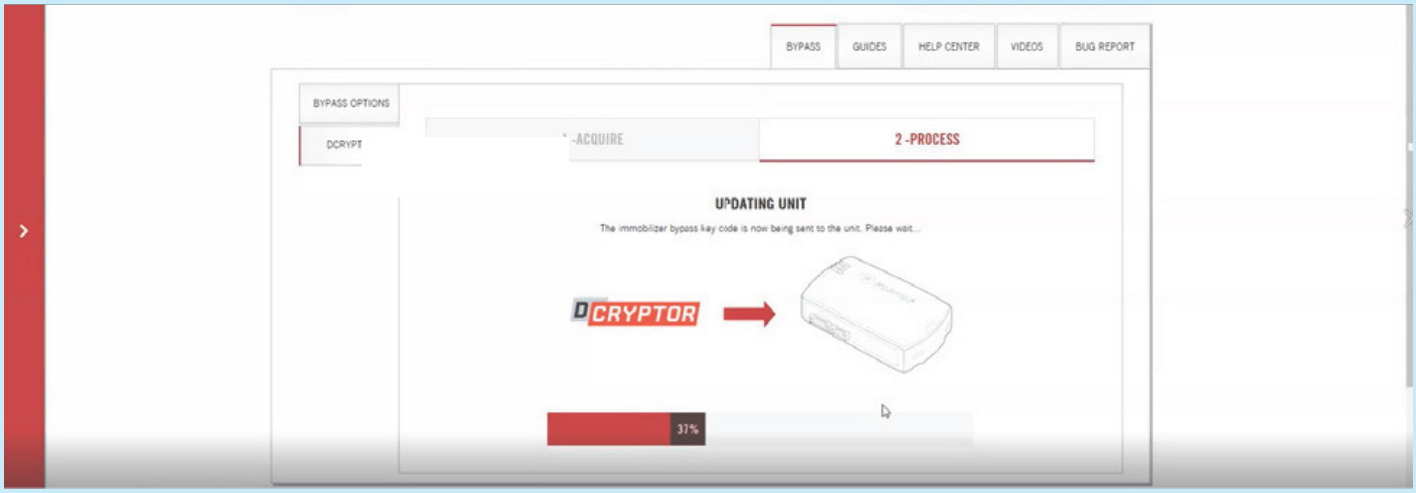
CONTINUED NEXT PAGE

Step 5: Dcryptor Programming.

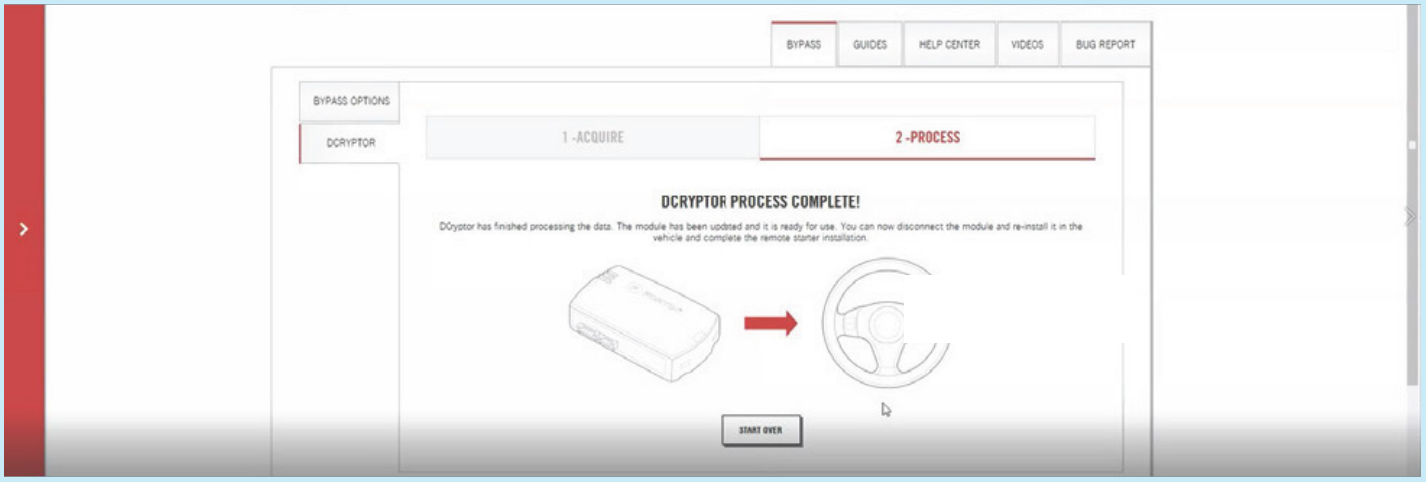
- First, click the Dcryptor under Bypass Options tab. Second click on the Send data tab.



- 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.



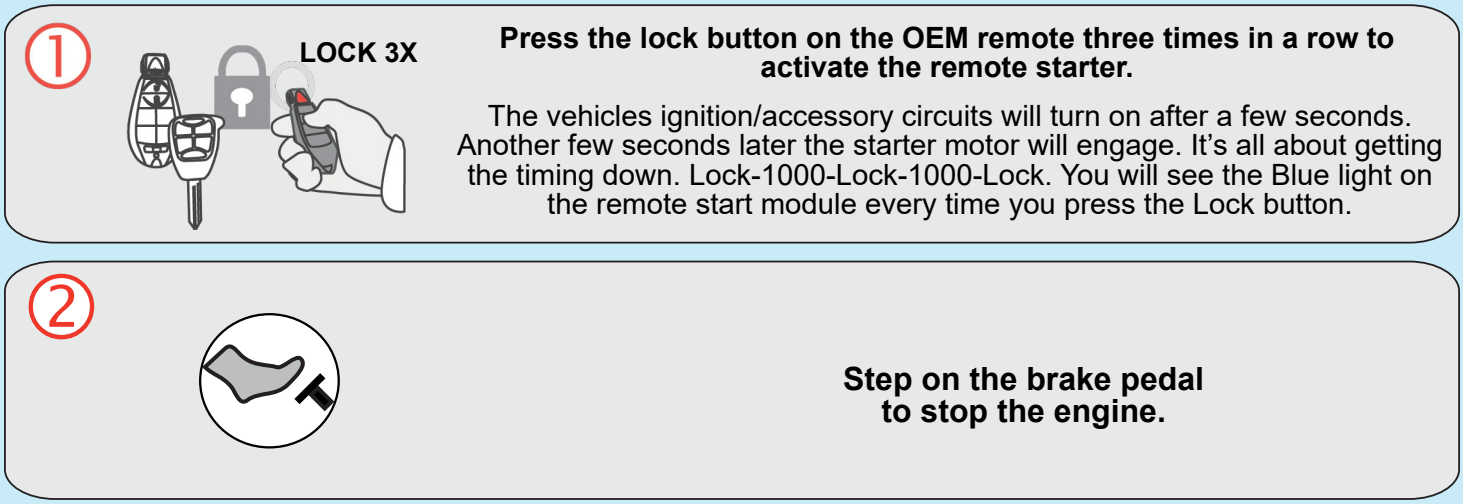
- Unplug the EVO-ALL module from the FLL tool and plug it back into the vehicle black plug first. **NOTE**: **Do not hold the program button down when you plug the connectors back in.**

Step 6: Testing the system.

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

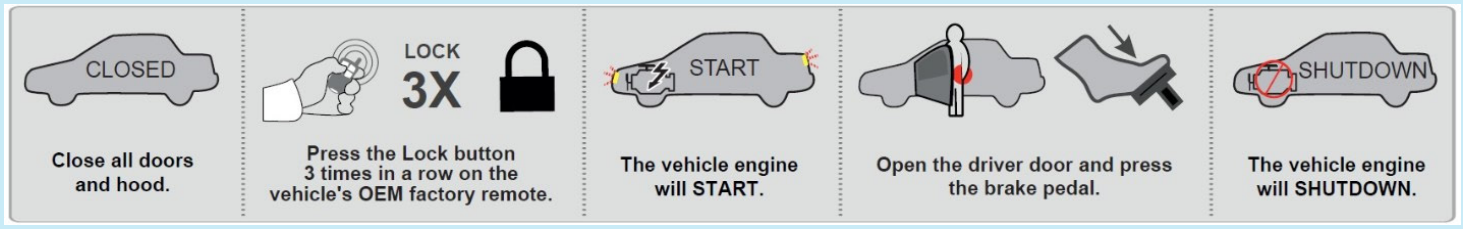
1. Press **LOCK>LOCK>LOCK** on your OEM fob 3 times with each press 1 second apart. The vehicle ignition/ accessory circuits will turn on after a few seconds. Another few seconds later the starter motor will engage. **NOTE: You will see the Blue light on the remote start module flash once with each press.**

2. Step on the brake pedal to stop the engine.



Step 7: Finishing up.

Functionality: Key-Start Vehicles



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.

If you have any installation questions or problems, call for tech support
Or Email: info@kleinn.com
520.579.1531

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