

Ram (Tip Key)							
1500 Gas/Diesel	18	19					
1500 Classic Gas/Diesel		19	20	21	22		
2500 Gas/Diesel	18						
3500 Gas/Diesel	18						
4500 Gas/Diesel	18						
5500 Gas/Diesel	18						
Ram (Push to Start)							
1500 Gas/Diesel	18	19	20	21	22	23	24
2500 Gas/Diesel	18	19	20	21	22	23	24
3500 Gas/Diesel	18	19	20	21	22	23	24
4500 Gas/Diesel	18	19	20	21	22	23	24
Jeep (Push to Start)							
Gladiator			20	21	22	23	
Grand Cherokee	18	19	20	21			
Grand Cherokee Diesel	18						
Wrangler 4xe Hybrid				21	22	23	
Wrangler	18	19	20	21	22	23	24
Dodge (Push to Start)							
Challenger	18	19	20	21	22	23	
Charger	18	19	20	21	22	23	
Durango	18	19	20	21	22	23	
Journey	18	19	20				
Chrysler (Push to Start)							
300/300C	18	19	20	21	22	23	

-This remote start monitors the vehicle door lock circuit and is activated by pressing Lock>Unlock>Lock on your OEM remote key FOB.

-This is a pre-wired 'semi' plug and play kit. All vehicles with the exception of RAM trucks are fully plug and play, RAM trucks need one or two hardwired connections.

-Pages 4 and 5 show vehicle specific CAN locations for the CHR7-B T-harness connections.

-Selecting the correct vehicle information and firmware on the remote start module using the Flashlink updater tool is required before beginning module programming in the vehicle, this is addressed in detail on Page 2.

-After the vehicle information is selected and the firmware is loaded, make the connections in the vehicle and pair the module to the vehicle as described in the programming section of at the end of the install guide.

## Step 1: Download and install Flash Link Manager software

\*\*The Flash Link Manager (FLM) software only works on a Windows computer.

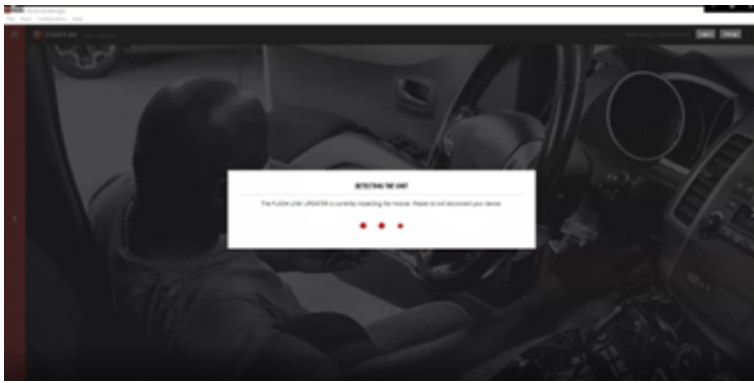
Enter the following link into your web browser, then download and install the software:

<https://fortin.ca/en/support/flashlinkmanager.html>

Next, open the software and log in with the following credentials: **email: flash@kleinn.com password: Flash2020**

Once the (FLM) software installed and open, then connect the Flash Link Updater (FLU) to the USB port of your Windows computer. The (FLM) software will detect (FLU) and display a message that says **(The module is not connected to the Flashlink Updater)**, this is normal. Next plug the EVO module into the (FLU) tool. For a video on how to complete these steps visit: [www.kleinn.com/flashlink](http://www.kleinn.com/flashlink)

## Step 2: Select your vehicle type and flash the firmware to the remote start module

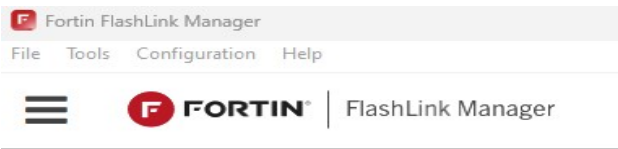


The Flashlink software will detect the EVO module and will automatically load the current settings.

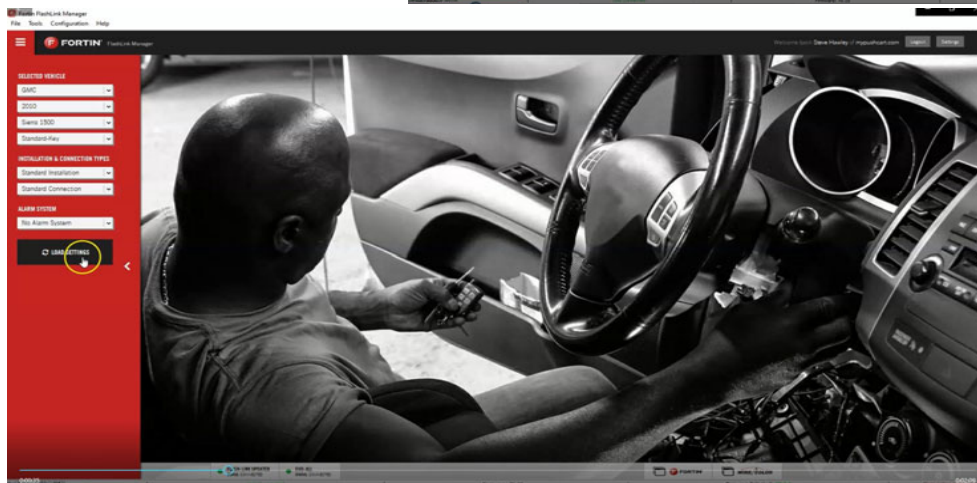
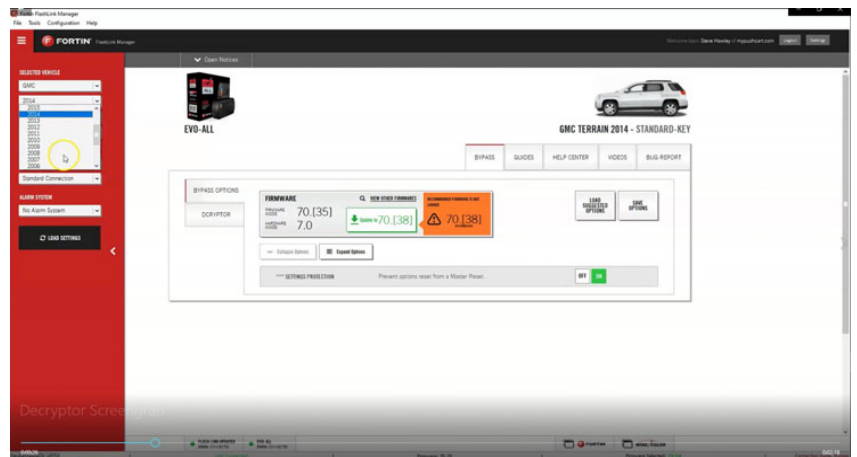
Settings	Description
A1 DOOR LOCKS	Door lock & unlock control.
A2 TRUNK RELEASE	Trunk / hatch release.
A3 KEY BYPASS	Immobilizer bypass.
A4 HEATED SEATS	Automatic low temperature heated seats & rear-defrost control.
A5 AUX. 1	Vehicle specific function. (e.g. Right Sliding Door, Power Lift Gate)

Next, click on the 3 bars on the upper left corner of the FLM and select your vehicle.

**NOTE:** Make sure to select your Year, Make, Model and Key type, choose Standalone Installation, T-Harness Connection, the last box is Alarm System, choose no alarm, then click load settings. Next unplug the module and leave the computer and software open ready to plug the module in later in the programming to Dcrypt. Proceed with the wiring connections in the vehicle.



EVO-ALL





# Step 3: Wiring

3.1 Connect the CHR7-A harness. The male OEM plug on the back of the vehicle Push-To-Start button or the ignition switch will be located to the right of the steering column. Release the connector, then connect the male t-harness plug into the receptacle, and plug the female t-harness plug into the male OEM plug.

3.2 **(RAM Trucks Only)** Make the connection for +12v Ignition. Use the Yellow wire that's part of the bundle of loose wires attached to the CHR7A harness and attach it to the ignition wire in the vehicle. Locate the ignition connector near the Push-to-Start button or ignition switch. See photos below. Test the ignition wire to make sure it has 12 volts with the ignition on and 0 Volts with the ignition off.

3.3 Connect the CHR7B T-Harness. See vehicle specific CAN locations on pages 4-5.

3.4 **(2018 RAM Push-to-Start vehicles ONLY)** Locate the 4-pin black brake connector (shown below) and connect the Green/Red wire from the bundle of loose wires on the CHR7-A on to the Green/Brown wire in the 4-pin brake switch connector.

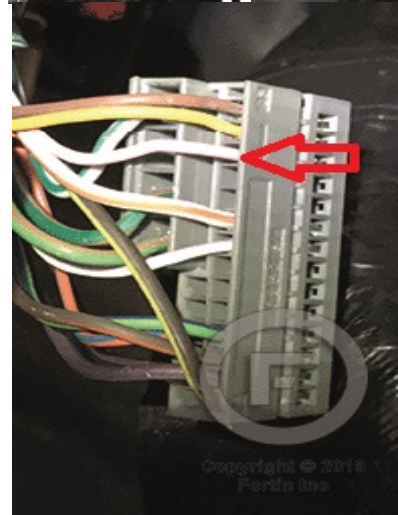
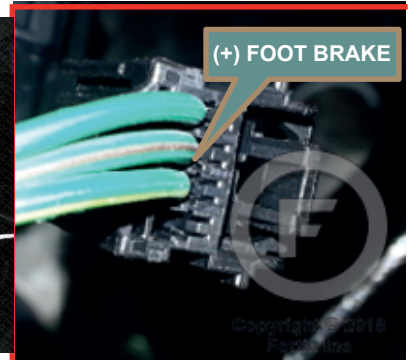
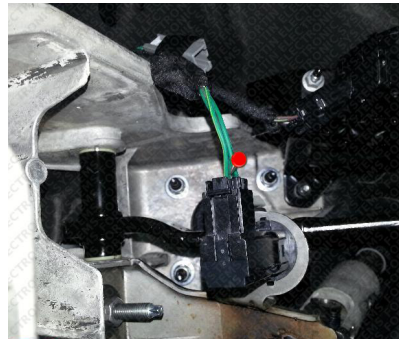
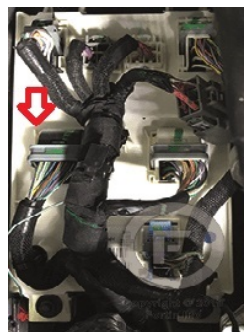
Remove the lower driver's side trim panel to access the plugs shown below.

2019-2024 RAM Trucks Ignition wire

①

Foot Brake connector

2018 RAM PUSH-TO-START VEHICLES ONLY NOT USED WITH KEY-START



② ALL VEHICLES Back of Push-to-Start Button or ignition switch



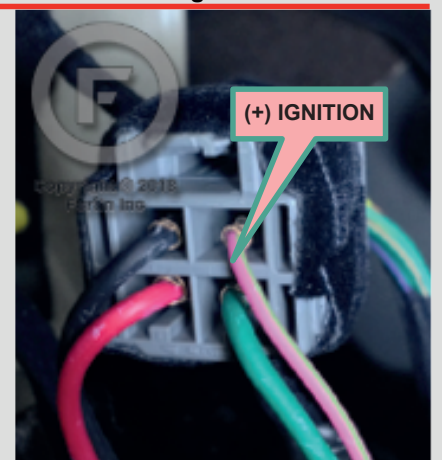
⑥ OBD-II connector



④ 2018 RAM Near Push-to-Start Button or ignition switch



⑤ 2018 RAM Near Push-to-Start Button or ignition switch



\*OR\*

Your vehicle will have one of these two connectors. Use the one you have



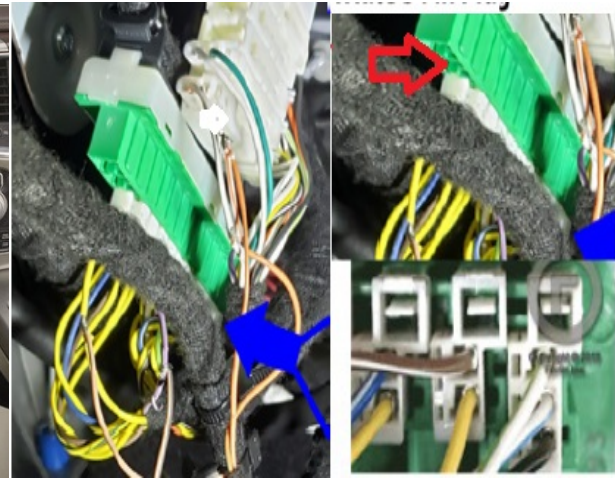
# Locating CAN Junction Boxes

**NOTE:** Some vehicles require one CAN connection, some require 2 as shown on pages 4&5.

**Single Green CAN Junction Box Left of steering column**

**See Diagram on page 9**

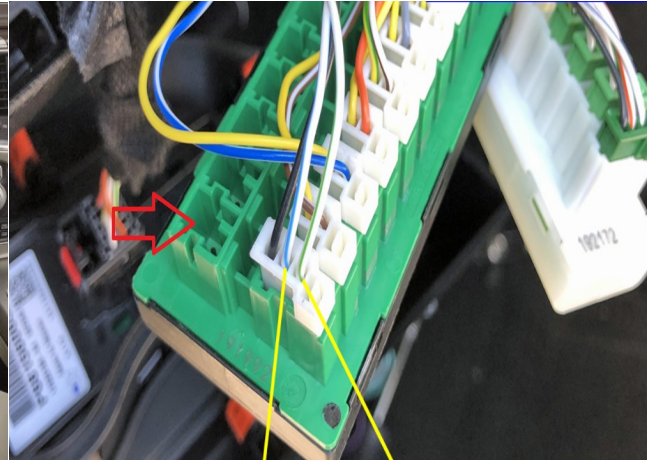
RAM Trucks  
2018 1500-5500 Tip Key & Push-to-start  
2018-2023 RAM 1500 CLASSIC Tip Key



**Single Green CAN Junction Box behind the Headlight Switch**

**See Diagram on page 8**

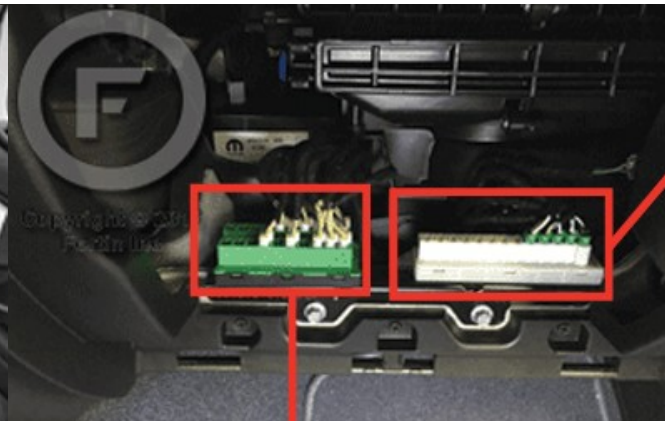
RAM Trucks  
2019-2024 1500-4500



**Green and White CAN Junction Boxes behind the Glove Box**

**See Diagram on page 7**

Jeep  
2020-2023 Gladiator  
2021-2023 Wrangler 4XE Hybrid  
2018-2024 Wrangler



**Single Green CAN Junction Box Left side of dash**

**See Diagram on page 6**

Dodge  
2018-2020 Journey





**White CAN Junction Box Left side of dash.  
Green CAN Junction Box behind the Glove Box.**

**See Diagram on page 7**

Dodge  
2019-2023 Challenger  
2019-2023 Charger

Chrysler  
2019-2023 300/300C

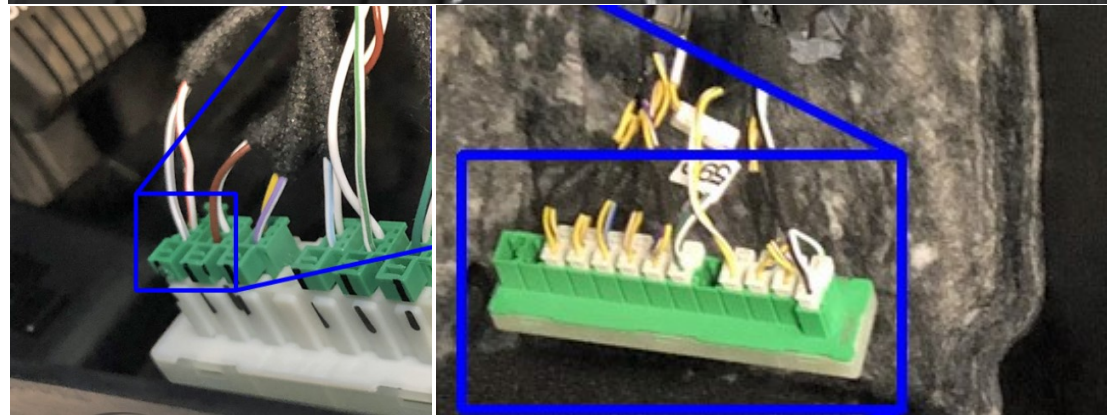
**NOTE: 2018 vehicles listed below use only single Green CAN Junction Box**

**Single Green CAN Junction Box behind Glove Box**

**See Diagram on page 6**

Dodge  
2018 Challenger  
2018 Charger

Chrysler  
2018 300/300C



**Green and White CAN Junction Boxes Left side of dash**

**See Diagram on page 7**

Jeep  
2018-2021 Grand Cherokee  
2018 Grand Cherokee Diesel

Dodge  
2018-2023 Durango



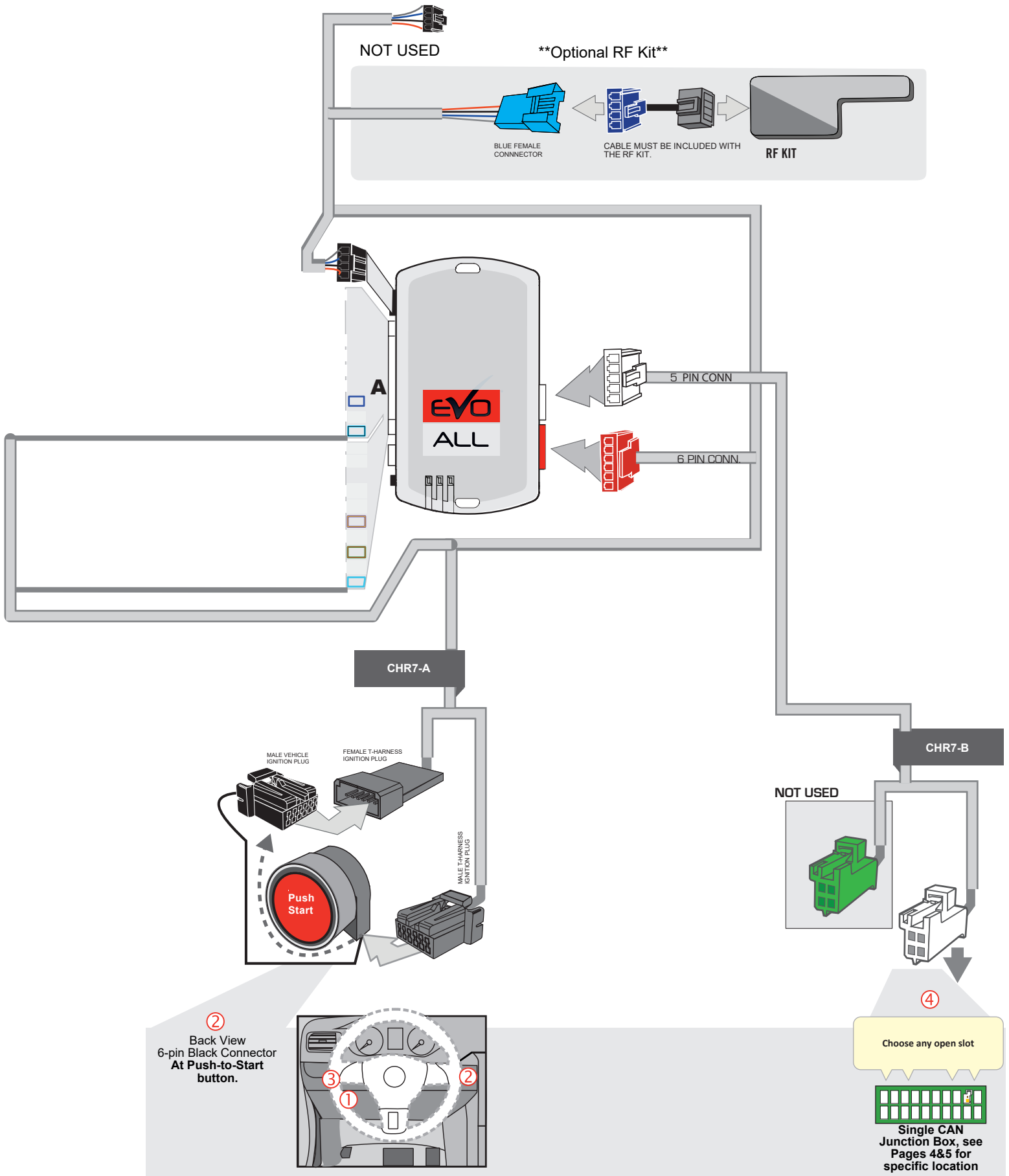
**DO NOT** plug any of the connectors into the EVO-ALL module until the programming procedure is ready to be performed.

(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

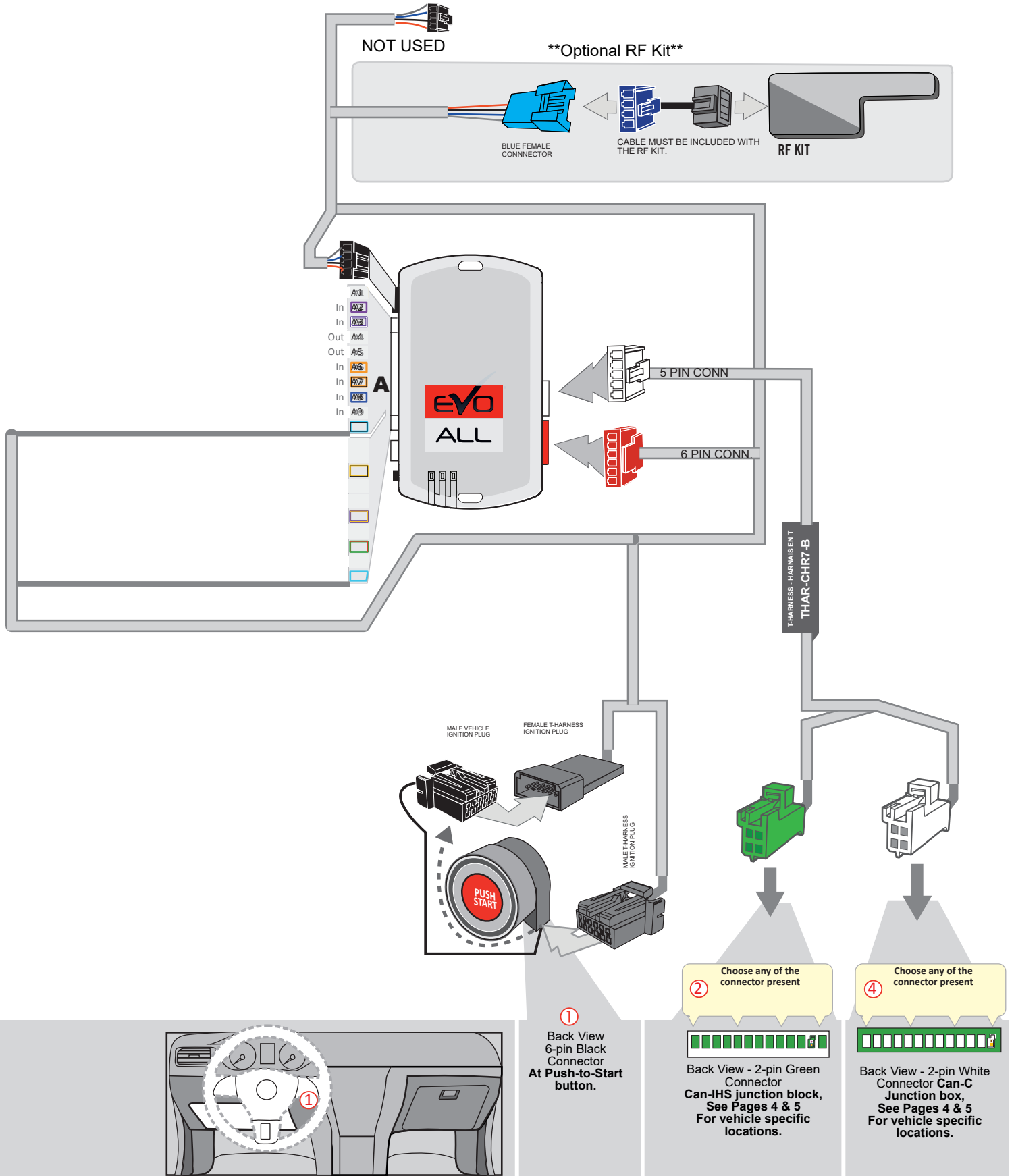
# System Wiring Diagram

Dodge 2018-2020 Journey 2018 Challenger 2018 Charger/ Chrysler 2018 300/300C



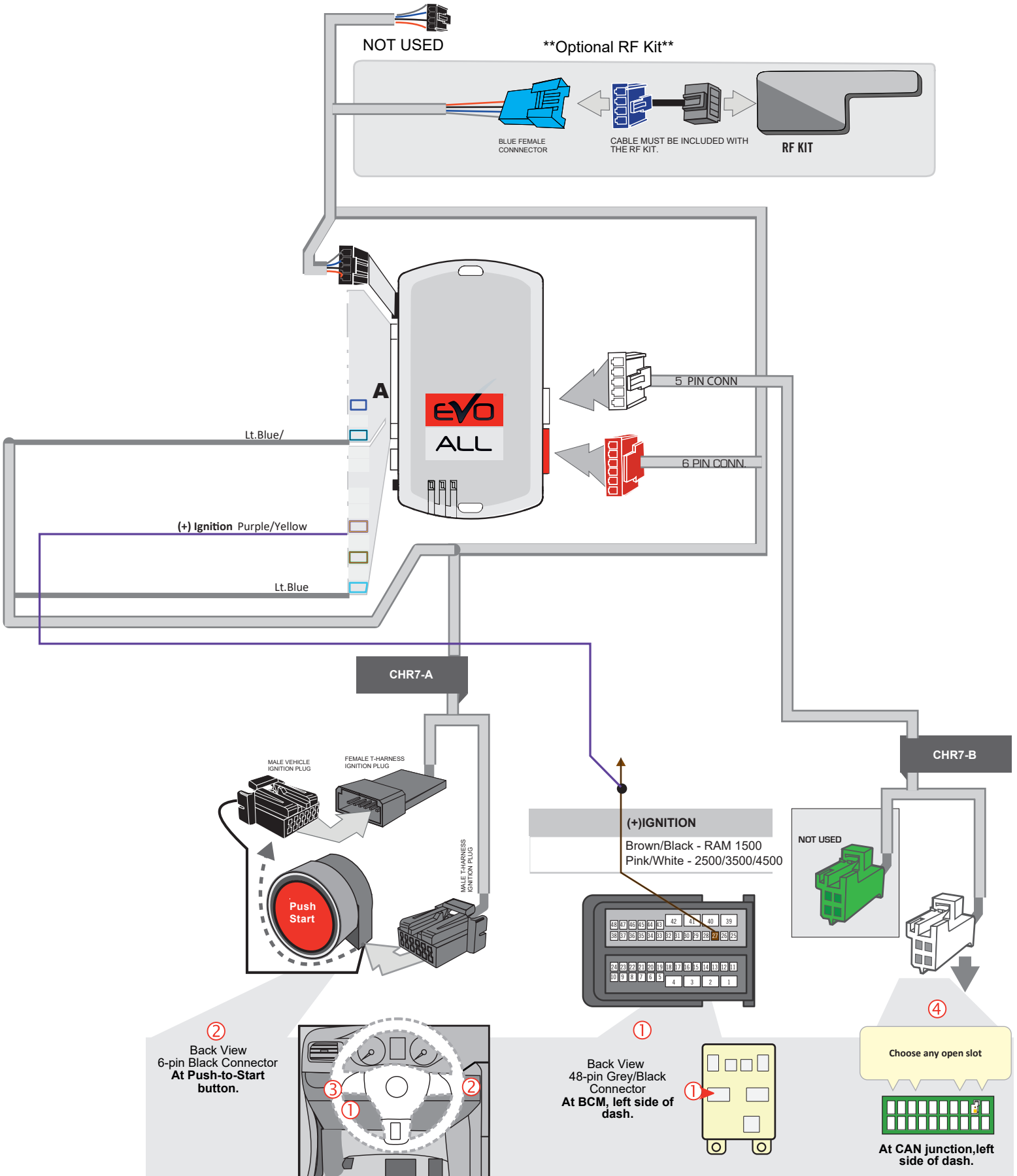
# System Wiring Diagram

2019+ Jeep, Dodge, Chrysler Vehicles (Excludes RAM Trucks)



# System Wiring Diagram

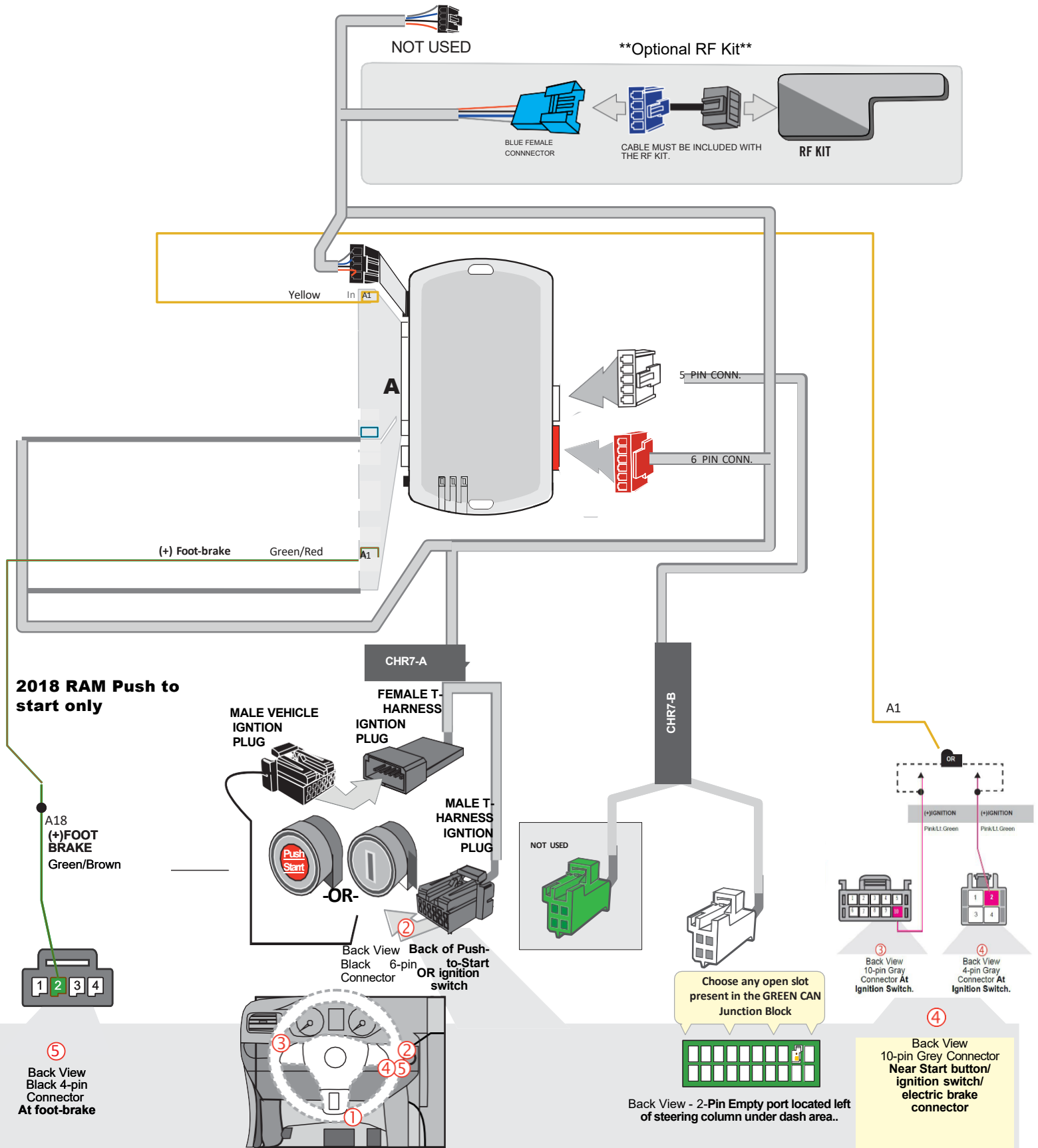
## 2019-2024 RAM Push to start Trucks





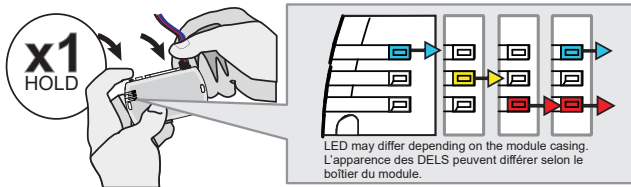
# System Wiring Diagram

## 2018 RAM Trucks



# Step 4: Programming 18 RAM ONLY

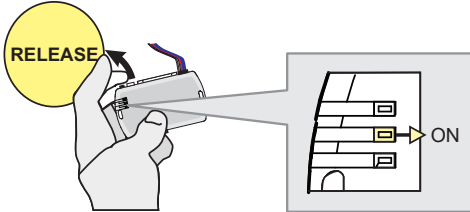
1



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

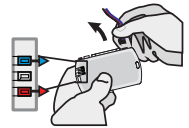
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

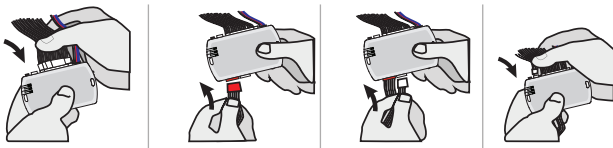


**Release** the programming button when the LED is YELLOW.

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

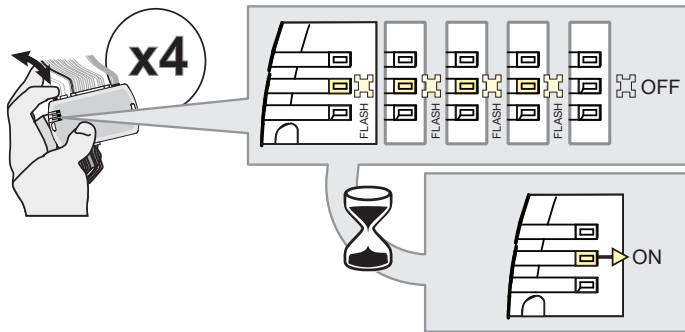


3



**Insert** the required remaining connectors.

4



**Press and release** the programming button four times (4x).

↳ The YELLOW LED will alternate between 4x flashes and a pause.

↳ Wait until the YELLOW LED turns ON.

## Push to Start vehicles



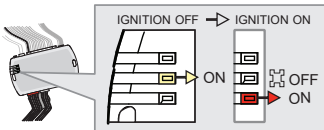
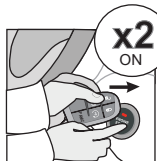
Remove the valet key from the back of the OEM remote.  
 Remove the battery from the OEM remote.  
 Keep the other OEM remotes at least 3 meters (10 feet) away from the vehicle to proceed.

5



Place the OEM remote (no battery) close to the front of START/STOP button exactly as shown. Do not move the OEM remote for the following step.

6



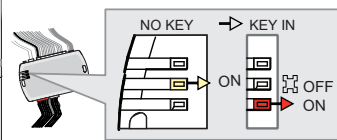
Press the Start/Stop button twice to turn ON the ignition.  
 ↳ The RED LED will turn ON.  
 ↳ The YELLOW LED turns OFF.

CONTINUED NEXT PAGE

## Tip Key vehicles

**CAUTION - ALL LIGHTS IN THE DASH BOARD MUST BE OFF BEFORE CONTINUING WITH STEP 5.**

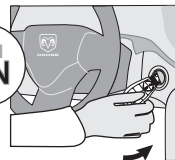
5



Insert the key into the ignition barrel.  
**DO NOT** turn ON the key.

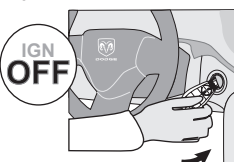
Wait.  
 ↳ The RED LED will turn ON.  
 ↳ The YELLOW LED turns OFF.

IGN ON



Turn the Ignition to the ON/RUN position.

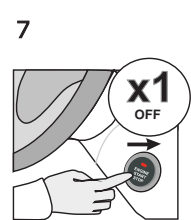
6



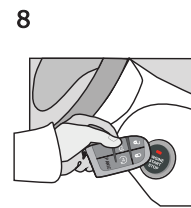
Turn the Ignition to the OFF position.

Remove the key from the Ignition barrel.

CONTINUED NEXT PAGE

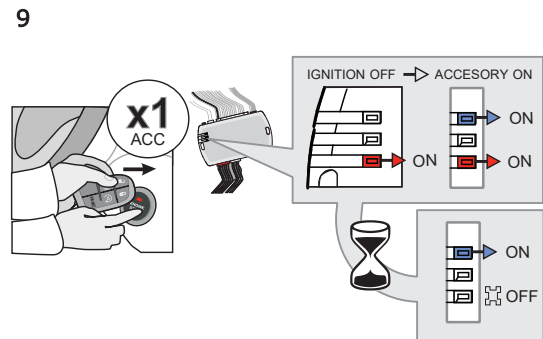


Press and release the START/STOP button once to shut off the ignition.



Place the OEM remote (no battery) close to the front of START/STOP button as shown.

Do not move the OEM remote for the following step.

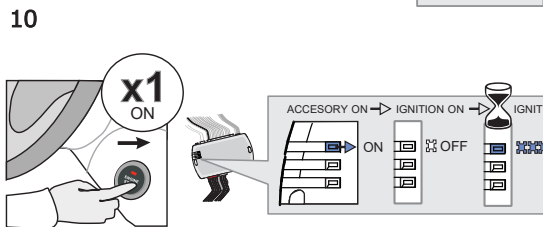


Press and release the START/STOP button once to turn ON the ACCESSORY.

The RED and BLUE LED will turn ON.

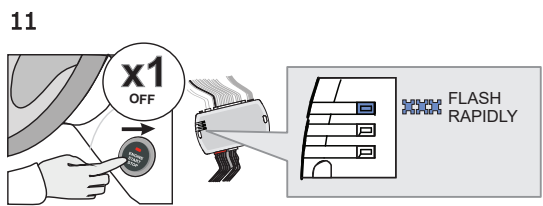
Wait for The RED LED to turn OFF.

BLUE LED remains solid.



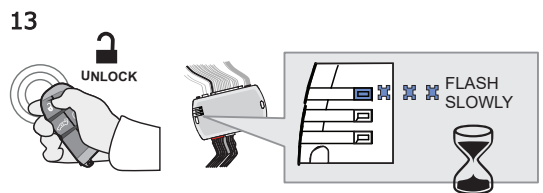
Press and release START/STOP button once to turn ON the ignition.

Wait until the BLUE LED flash rapidly.



Press and release the START/STOP button once to shut off the ignition.

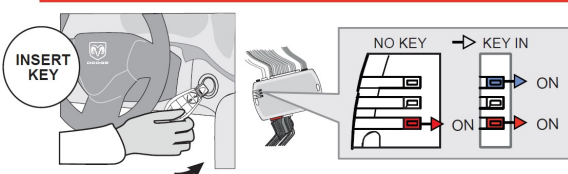
The BLUE LED continues to flash rapidly.



Unlock the doors with the OEM remote.

Wait until the BLUE flash slowly.

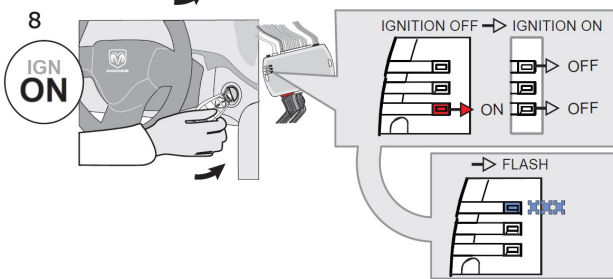
**CAUTION - ALL LIGHTS IN THE DASH BOARD MUST BE OFF BEFORE CONTINUING WITH STEP 7.**



Reinsert same key into the ignition barrel.

DO NOT turn ON the key.

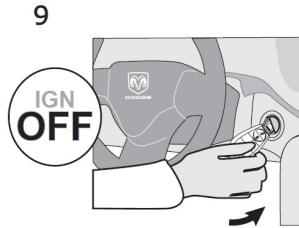
The BLUE will turn ON.



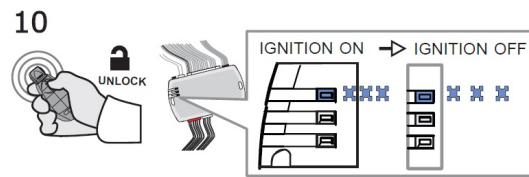
Turn the Ignition to the ON/RUN position.

The RED and BLUE will turn OFF.

The BLUE LED will flash rapidly.

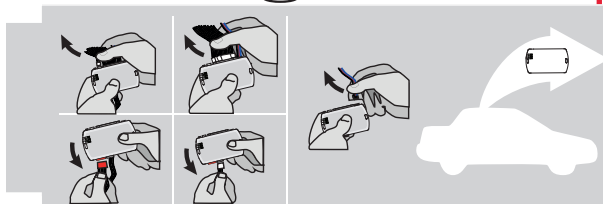


Turn the Ignition to the OFF position.



Unlock the doors with the OEM remote.

Wait until the BLUE LED flashes slowly.



Disconnect all the connectors and after the Data-Link (4-pins) connector.



Microsoft Windows Computer with Internet connection\*  
Ordinateur Microsoft Windows avec connection Internet\*

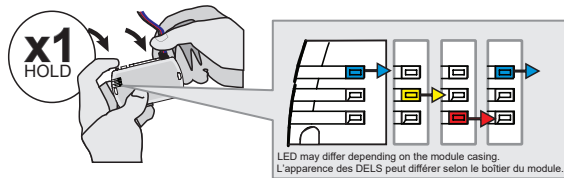
Use the tool: FLASH LINK UPDATER

Follow the instructions on Page 13



# Step 4: Programming All Vehicles Except: 18 RAM

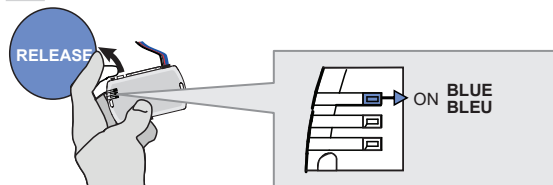
1



**Press and hold** the programming button:  
**Insert** the 4-Pin (Data-Link) connector.

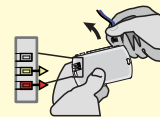
↳The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

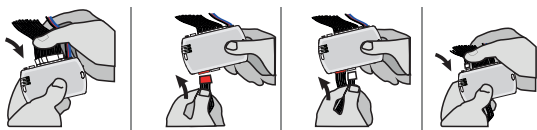


**Release** the programming button when the LED is BLUE.

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

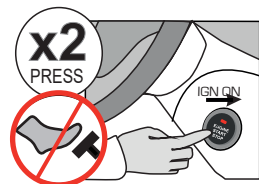


3



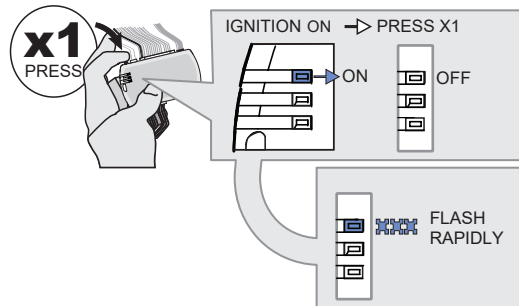
**Insert** the required remaining connectors.

4



**Do not press the brake pedal.**  
Press the START/STOP button twice to turn ON the ignition.

5

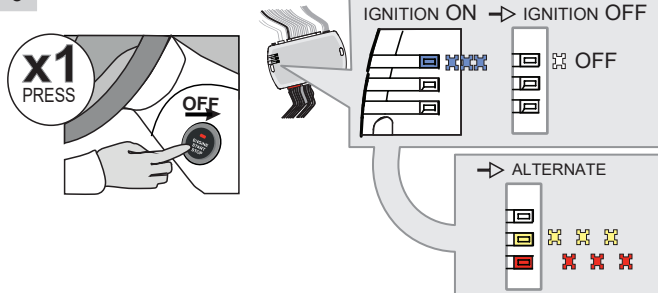


**Press and release** the programming button once (1x).

↳The BLUE LED will turn off.

↳The BLUE LED will flash rapidly.

6

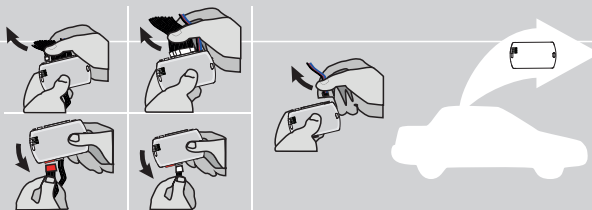


**Press** the START/STOP button once to turn OFF the ignition.

↳The BLUE LED will turn off.

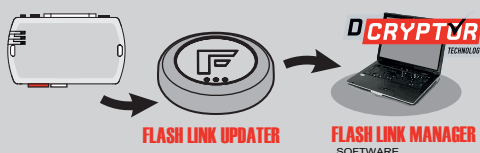
↳ The RED and YELLOW LEDs will alternate.

7



**Disconnect** all the connectors. The Data-Link (4-pin) connector should be disconnected last.

8



Microsoft Windows Computer with Internet connection\*

**Use the tool:**  
**FLASH LINK UPDATER**

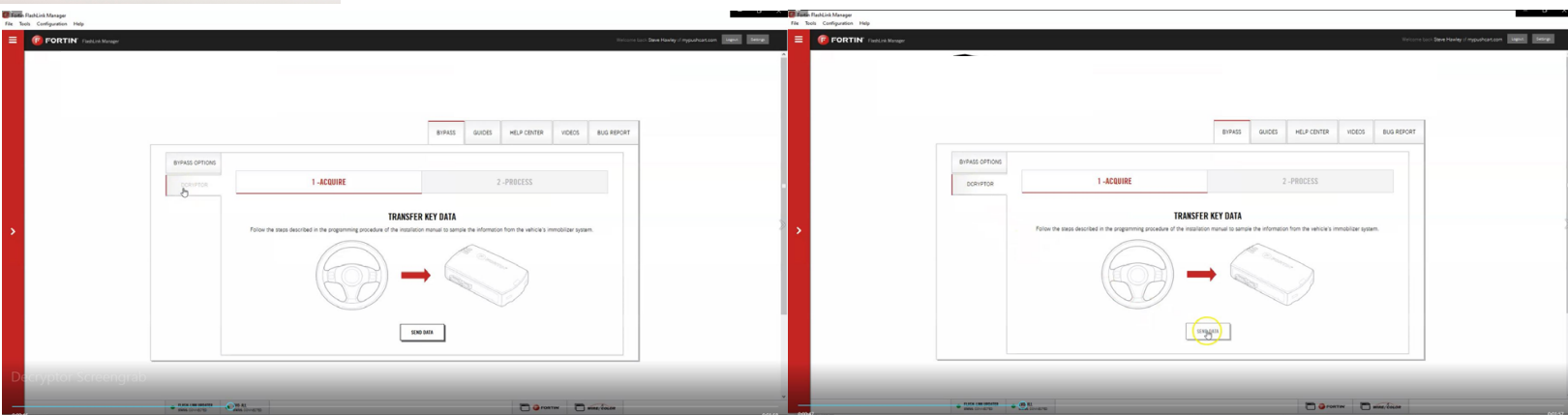
**Follow the instructions on Page 13**

## Step 5: Dcryptor

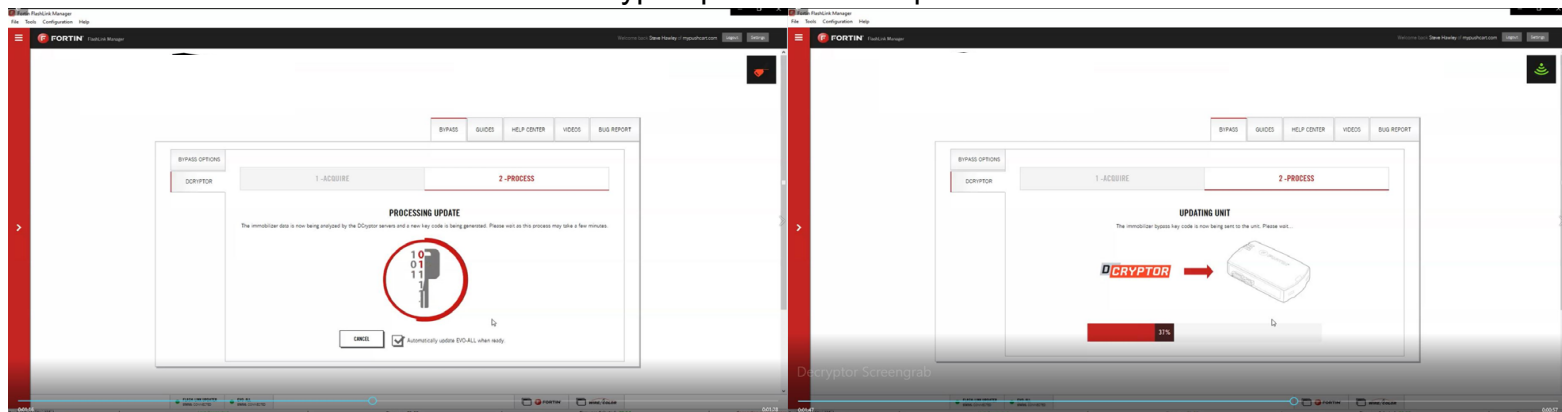
Next, it's time to bring the remote starter module to your computer and plug it into the supplied four-pin plug from the Flashlink Updater (FLU). For a video on how to do these steps visit: [www.kleinn.com/flashlink](http://www.kleinn.com/flashlink)



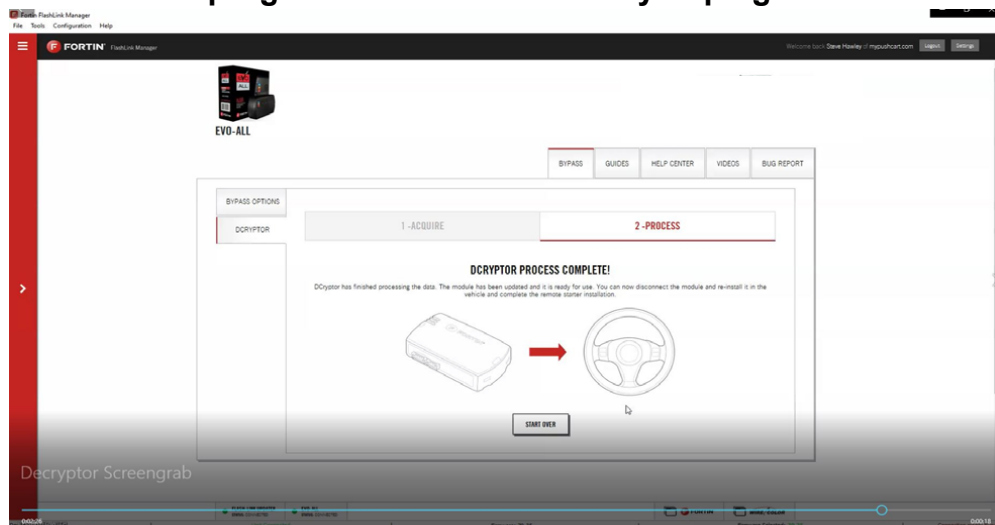
- The software will detect you plugging it in and will automatically load the current settings.
- Next, click the Dcryptor tab. Then click on the Send data button.



Wait while the updater reads data from the remote starter. Once it is done it will update the remote starter and you will need to wait again. You will see a status bar at the bottom of the screen. When it gets to 100%, the Dcryptor process is complete.



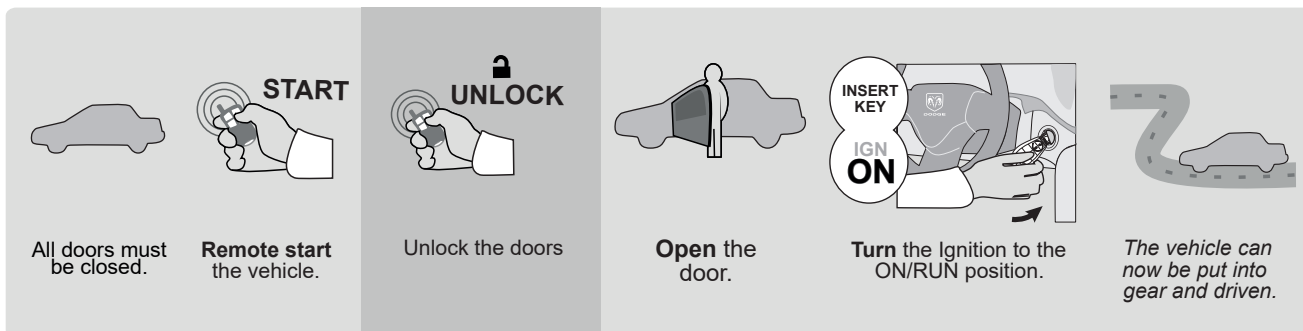
You can now unplug the remote starter module and plug it back into the connectors in your vehicle. Make sure to plug in the power connector first and then the rest of the plugs afterward. **Do not hold the program button down when you plug the connectors back in.**



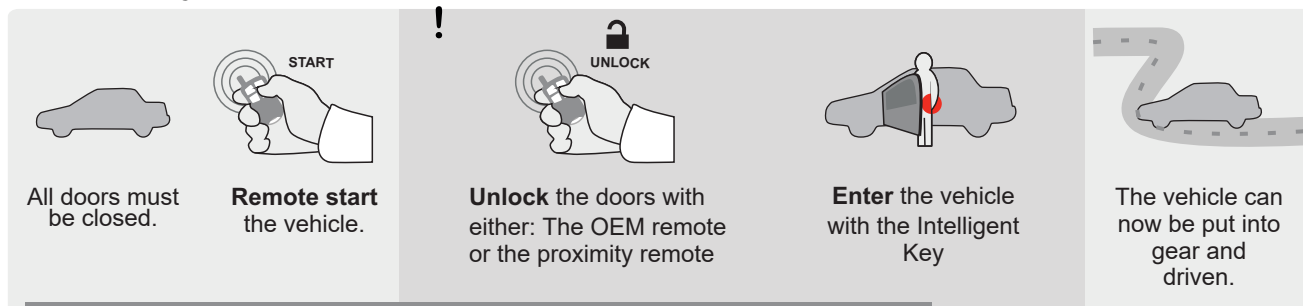
## Step 6: Test the System


1. Press Lock>Unlock>Lock on your OEM fob three times in succession, 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. You will see the Blue light on the remote start module flash every time you press the Lock/Unlock buttons.
2. Step on the brake pedal to stop the engine.

### Functionality: Key-Start Vehicles



### Functionality: Push-To-Start Vehicles



 If the vehicle is not unlocked the remote-starter will shut down as soon as any door is opened.

## Step 7: Close it Up

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. ENJOY!**

**If you have any installation questions or problems, call for tech support**  
**520.579.1531**