Installation Guide

2013-2024 Select Ford/Lincoln Key/Push to Start KLEINN
SKU# RSFD3

Ford (Standard Key)										
Bronco Sport								21		
Edge		15	16	17	18	19	20			
Escape							20			
Expedition					18	19	20			
Explorer			16	17	18	19	20			
F-150		15	16	17	18	19	20			
F-250				17	18	19	20	21		
F-250 XL-XLT w Keyless									22	
F-350				17	18	19	20	21		
F-350 XL-XLT w Keyless									22	
F-450				17	18	19	20	21		
F-450 XL-XLT w Keyless									22	
F-550				17	18					
F-550 XL-XLT w Keyless									22	
Fusion Hybrid							20			
Fusion	14	15	16	17	18	19	20			
Maverick Hybrid									22	
Maverick									22	
Ranger						19	20	21	22	23
Transit							20	21		
Transit 150									22	23
Transit Connect						19	20	21	22	

Ford (Push to Start)												
Bronco Sport									21	22	23	24
Edge			15	16	17	18	19	20				
Escape								20	21	22		
Expedition						18	19	20	21			
Explorer				16	17	18	19	20	21	22	23	
F-150			15	16	17	18	19	20				
F-250					17	18	19	20	21			
F-350					17	18	19	20	21			
F-450					17	18	19	20	21			
Fusion Hybrid		14	15	16	17	18	19	20				
Fusion		14	15	16	17	18	19	20				
Maverick Hybrid										22	23	
Maverick										22		
Ranger							19	20	21	22	23	
Transit Connect							19					
Lincoln (Push to Start)												
Aviator								20				
Continental					17	18	19	20				
Corsair								20	21			
MKC			15	16	17	18	19					
MKX					17							
MKZ Hybrid	13	14	15	16	17	18	19					
MKZ	13	14	15	16	17	18	19					
Nautilus							19	20				
Navigator						18	19					

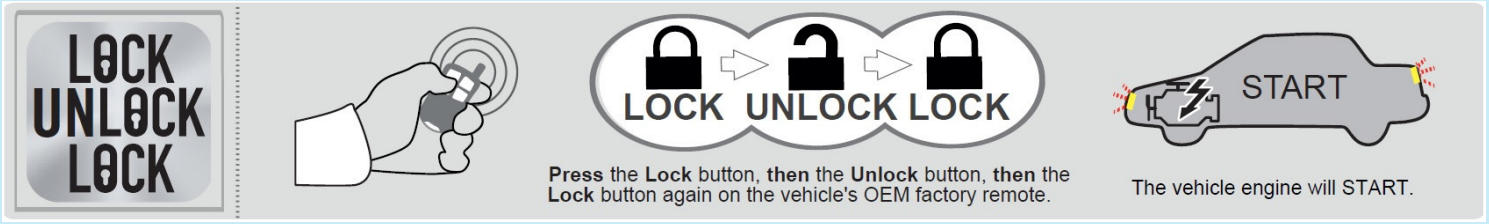
*** For automatic transmission vehicles only**

Introduction:

- **This remote start connects through the gateway plug and activates the factory remote start that is built into these vehicles but not turned on by the dealership.**
- **This is a pre-wired "plug and play kit". No wire to wire connections are required.**
- **We have already loaded the correct firmware into the remote start module so all you need to do after connecting the harness is to program the module to your vehicle in step 4.**

Activation:

This remote start will monitor the vehicle lock circuit and starts using the pulses generated by your OEM remote
Remote Starter Activation: Press Lock>Unlock>Lock on your OEM remote to start the vehicle.



Press the **Lock** button, **then** the **Unlock** button, **then** the **Lock** button again on the vehicle's OEM factory remote.

The vehicle engine will START.

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

Click Here for Upgrade Options

Installation Video:

Use this video for reference on location and as an overview while following the install guide.

Click for Installation Video

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 6 main steps to this installation:

Application chart & Introduction. Pages 1-2

Step 1-1.1 Making the connections for all vehicles except Ford Edge. Pages 3-4

Step 2-2.1 Making the connections for Ford Edge only. Pages 5-6

Step 3 Check for OEM hood pin and place jumper in connector if empty. Page 7

Step 4 Programming the EVO ALL. Page 8

Troubleshooting Tips. Page 9

Steps 5 & 6 Test and Finish up. Page 9

Record Service Number

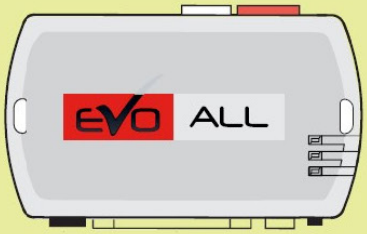
- **Document Service Number. Take a picture of the metallic sticker on the back of the EVO-ALL that starts with 001A07 shown in the example below or write down the service number. Should you need tech support, this number will assist us in troubleshooting your kit.**

Vehicles with 12" Screen link to access Gateway

https://www.fordtremor.com/threads/2022-12-screen-gateway-module-location-with-pics-perimeter-plus-install.11681/

Parts Required:

- EVO-ALL Remote Start Data Module
- THAR-FORT3 T-Harness
- Hood pin jumper (Small Red Wire)

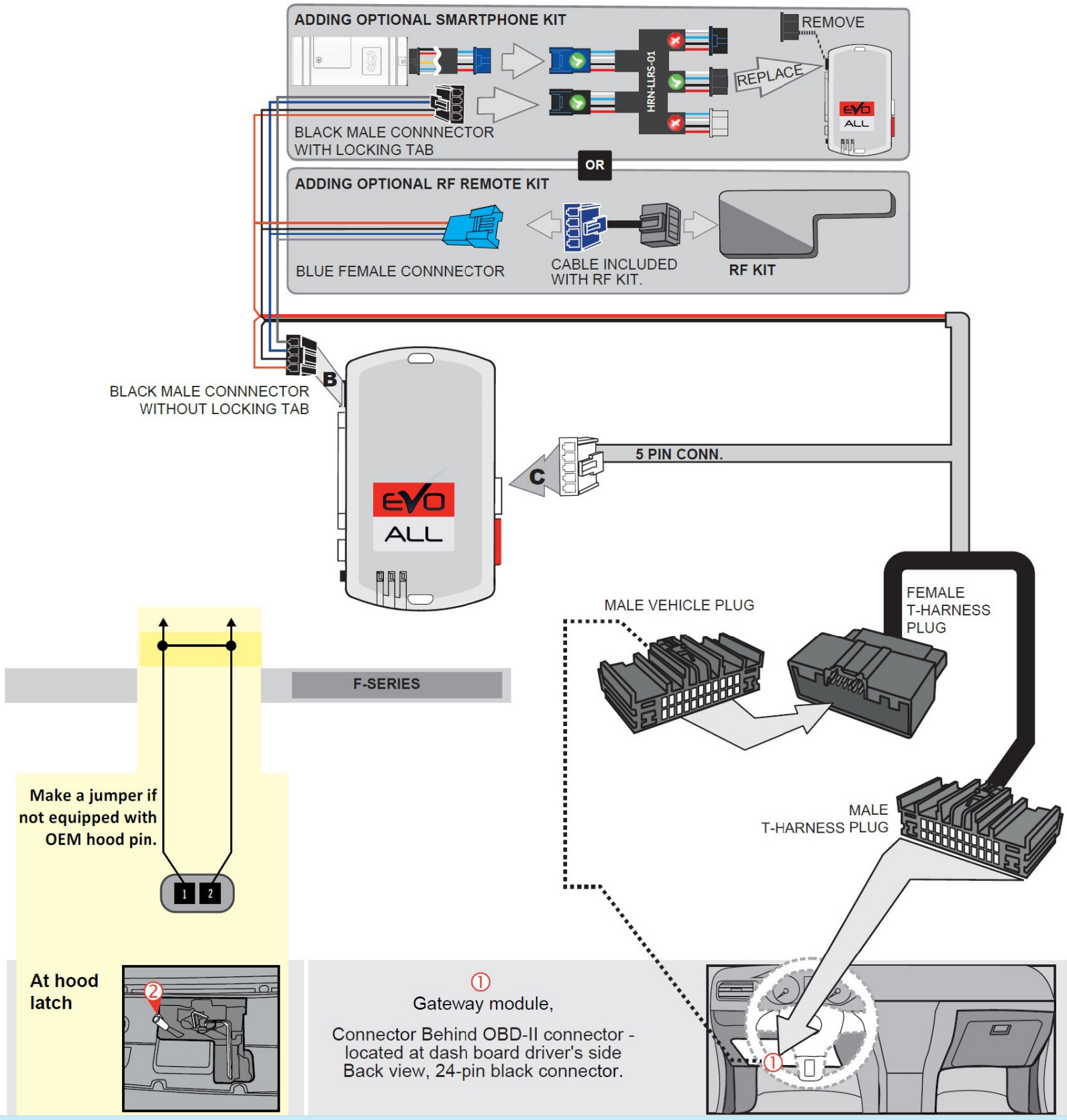


DO NOT plug any of the connectors into the EVO-ALL module until the programming procedure is ready to be performed.
(Programming steps found further below in tipsheet)

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

Step 1: System Wiring Overview for all vehicles except Edge

1. **Locate the Gateway plug right behind the OBDII connector. See Step 2 for Ford Edge vehicles.**
2. **Unplug the Gateway plug from the Gateway module.**
3. **Insert the male Gateway plug you just removed into the female receptacle on our remote start harness.**
4. **Then insert the male connector from our harness back into the Gateway module.**
5. **Wiring is complete, next check for hood pin, then program the module.**

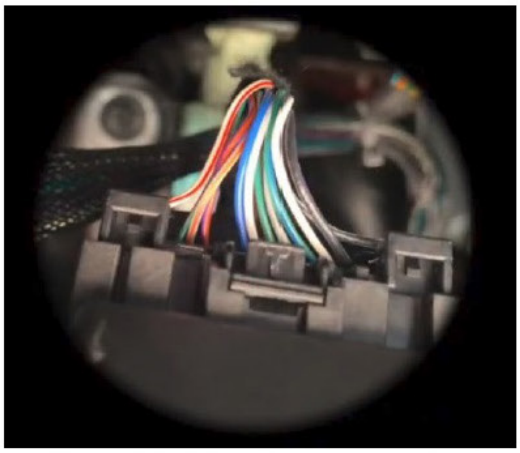


STEP 1.1: T-harness connection for all vehicles except Ford Edge.

Connect the T-Harness

This kit comes with a T-Harness that will plug into the back of your vehicles OBDII plug. Locate your vehicles OBDII plug shown to the right. It will be located under the dash on the drivers side shown to the right.

This connector can be unplugged from behind. Reach behind the plug and press the release tab and unplug the plug from the connector as shown below.



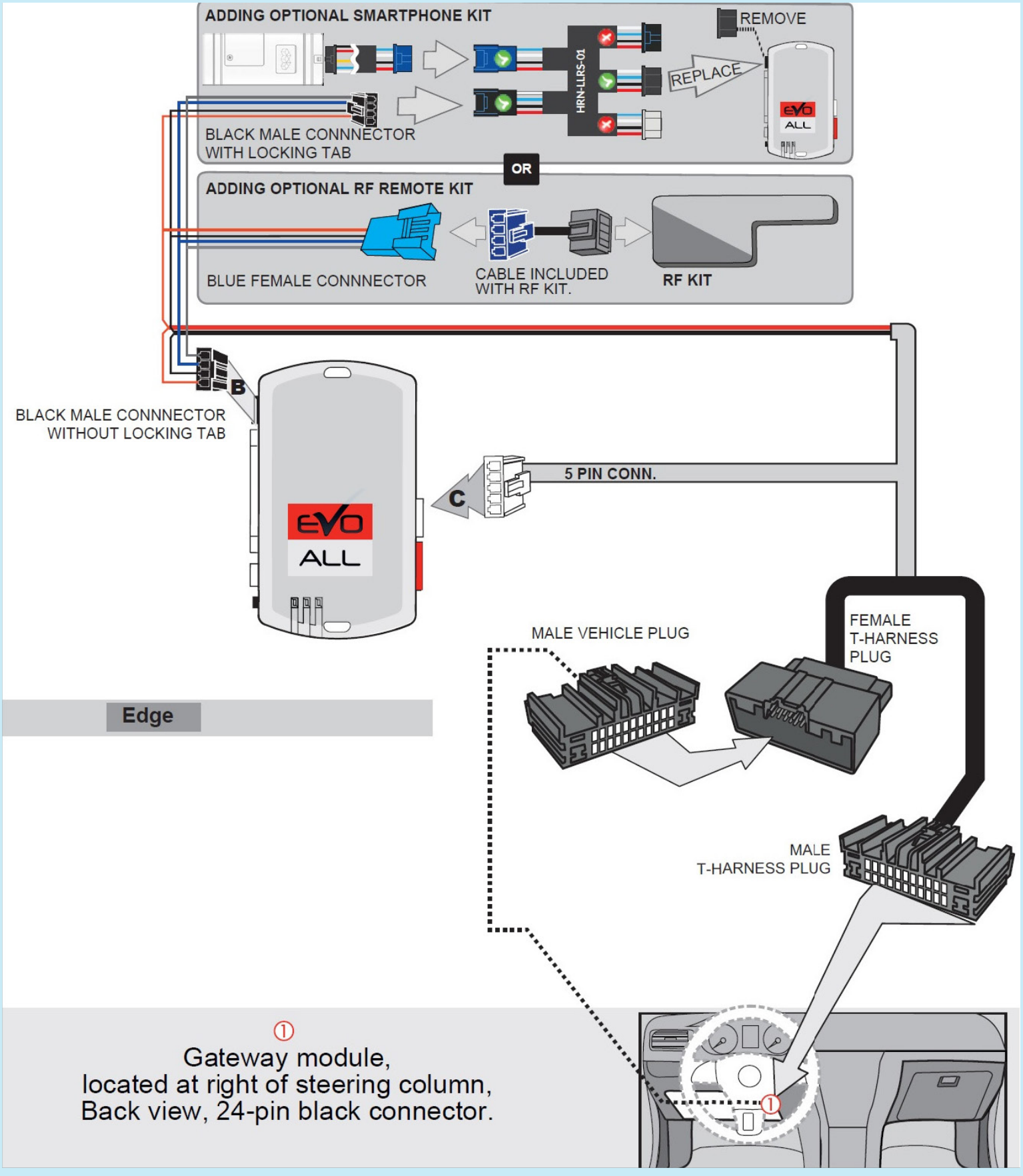
First, you will need to take this plug you just unplugged and plug it into the Female end of the T-Harness shown below.

Next, plug the male end of the T-Harness into the back of the OBDII connector as shown below. Make sure the plugs are in tight and secure.

Installation done. Now you are ready to program the EVO ALL module to your vehicle.

STEP 2: System Wiring Overview for Ford Edge Vehicles

1. **Locate the Gateway plug in the vehicle high in the dash to the right of the steering column.**
2. **Unplug the Gateway plug from the Gateway module.**
3. **Insert the male Gateway plug you just removed into the female receptacle on the Kleinn remote start harness.**
4. **Then insert the male connector from the Kleinn harness back into the Gateway module.**
5. **Wiring is complete, next check for hood pin then follow the programming in step 4.**

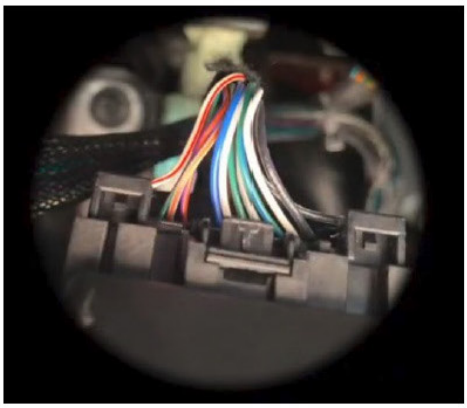


STEP 2.1: T-harness connection for 2015-2020 Ford Edge.

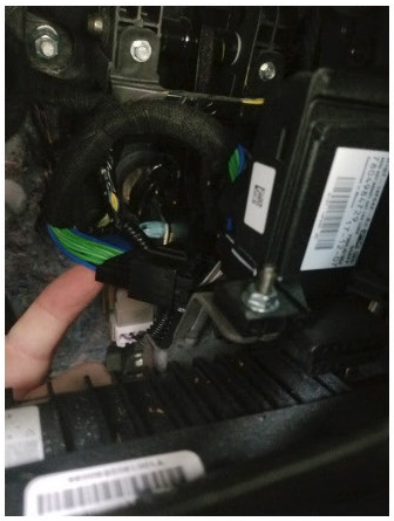
Connect the T-Harness

This kit comes with a T-Harness that will plug into the back of your vehicle's Gateway module. The Gateway module is under the dash to the right of the steering wheel shown to the right.

This connector can be unplugged from behind. Reach behind the plug and press the release tab and unplug the plug from the connector as shown below.



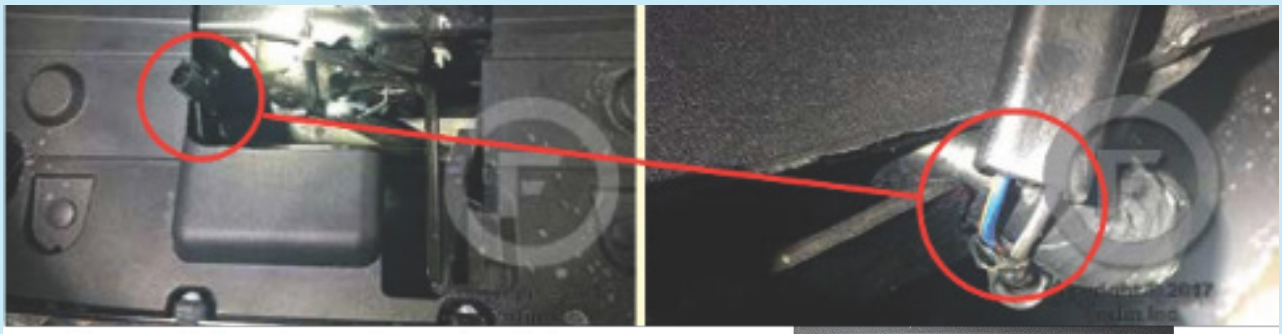
First, you will need to take this plug you just unplugged and plug it into the Female end of the T-Harness shown below.



Next, plug the male end of the T-Harness into the back of the Gateway module as shown below. Make sure the plugs are in tight and secure.

Installation done. Now you are ready to program the EVO ALL module to your vehicle.

Step 3: OEM Hood Pin, Add jumper if Hood pin connector is not plugged in.



How to tell if you have a factory hood pin switch.
Releasing the hood with the ignition turned on and looking for the hood ajar indicator as shown here. If you see the indicator then you have a factory hood pin and can skip this step. If you do not see the hood ajar message then you do not have a factory hood pin switch and you will need to install a jumper to allow the remote start to work.

Open the hood and locate the hood pin switch plug located at the hood latch.

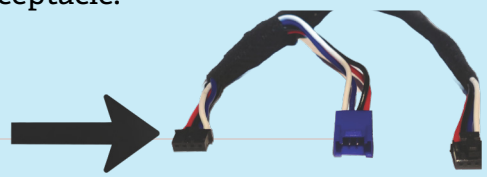
Take the Red wire from the Accessory Pack to use as a jumper to connect the two pins in the hood pin plug as shown below.

Jumper wire

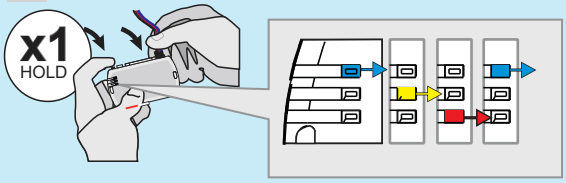
Step 4: Program the module.

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.



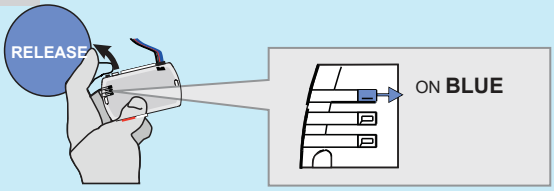
1



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

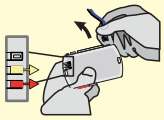
↳The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

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.



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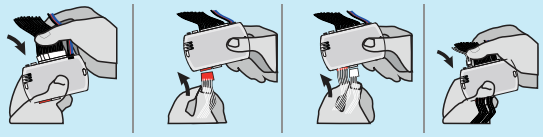
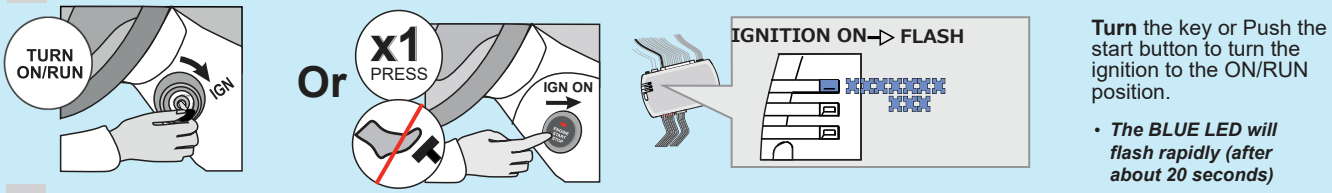


Insert the required remaining connectors.

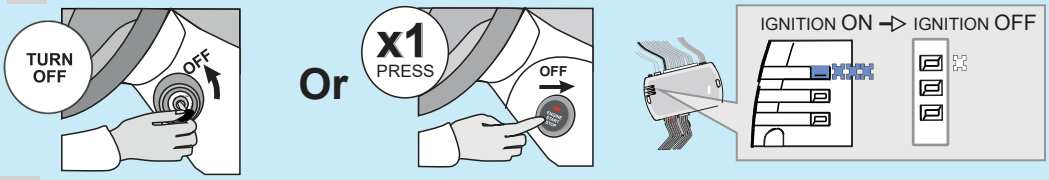
4



Turn the key or Push the start button to turn the ignition to the ON/RUN position.

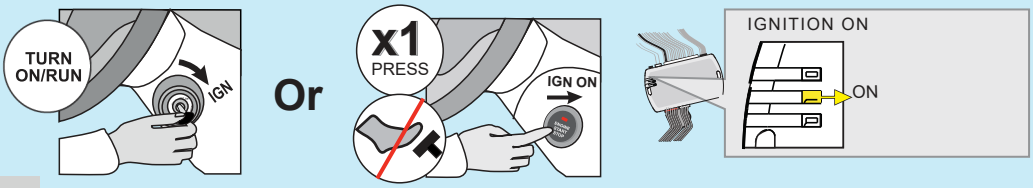
- ***The BLUE LED will flash rapidly (after about 20 seconds)***

5



Turn to the OFF position. ↳ ***The BLUE LED will turn off.***

6



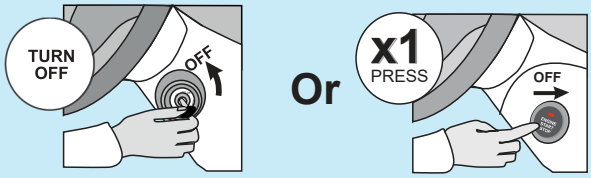
Turn to the Ignition ON/RUN position.

↳***The YELLOW LED will turn ON.***

7

Wait 5 seconds.

8



Turn the ignition to the OFF position. Programming is complete

Troubleshooting Tips

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. If you do not see the blue light when you press the lock button it did not recognize the lock button press.
You should see **(Lock) blue, (Unlock) blue-blue, (Lock) blue**, then the EVO-ALL will turn red then yellow.

When the system fails to start, the red LED on the top of the Evo-All module will flash in a pattern. This will helps us determine what is going on.

2 LED Flashes Brake On

3 LED Flashes No Tach or module didn't program correctly

4 LED Flashes Ignition Before Start

5 LED Flashes Hood Open

If it vehicle fails to start and you see the **EVO-ALL's Red light flash 3 times**, the EVO did not detect a tach signal which will happen if the vehicle does not start itself and produce a tach signal it needs to start.

When the EVO-ALL activates for this type of system, it simply sends a command to the vehicle's computer and triggers the OEM remote starter built in from Ford. If the vehicle does not start then it could be that a vehicle requirement is not being met, or an installed aftermarket device is interfering.

If a vehicle requirement is not being met typically the horn will sound if the system fails to start, unless quiet start is on. Quiet start will also run the blower fan at a slower speed to reduce noise. It can be switched on or off in the dash menu system information display

The vehicles built in self start system will not work if:

- **The ignition is on.**
- **The Fuel is Low.**
- **The alarm system is triggered.**
- **The remote start feature in the settings menu of the trucks instrument cluster is disabled.**
- **The hood is open or the vehicle is not equipped with OEM hood pin and may be detected.**

(Jump the hood pin wires in the empty socket using the jumper provided or by shorting the 2 wires together)

- **The transmission is not in park (P).**

(Wiggle shifter to make sure it is all the way in park)

- **The vehicle battery voltage is too low.**

(The trucks computer monitors voltage to detect a tach signal, if the battery voltage is low, it will flash 3 times)

- **The service engine soon light is on.**

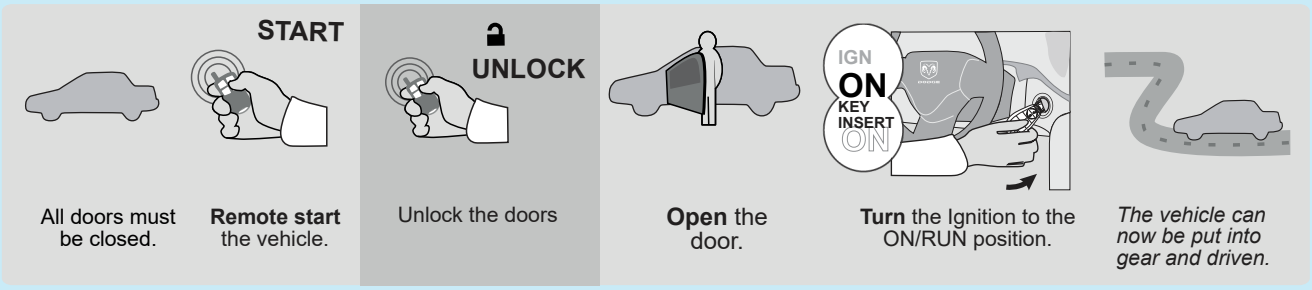
Are these vehicle requirements being met?

Step 5: Test the System.

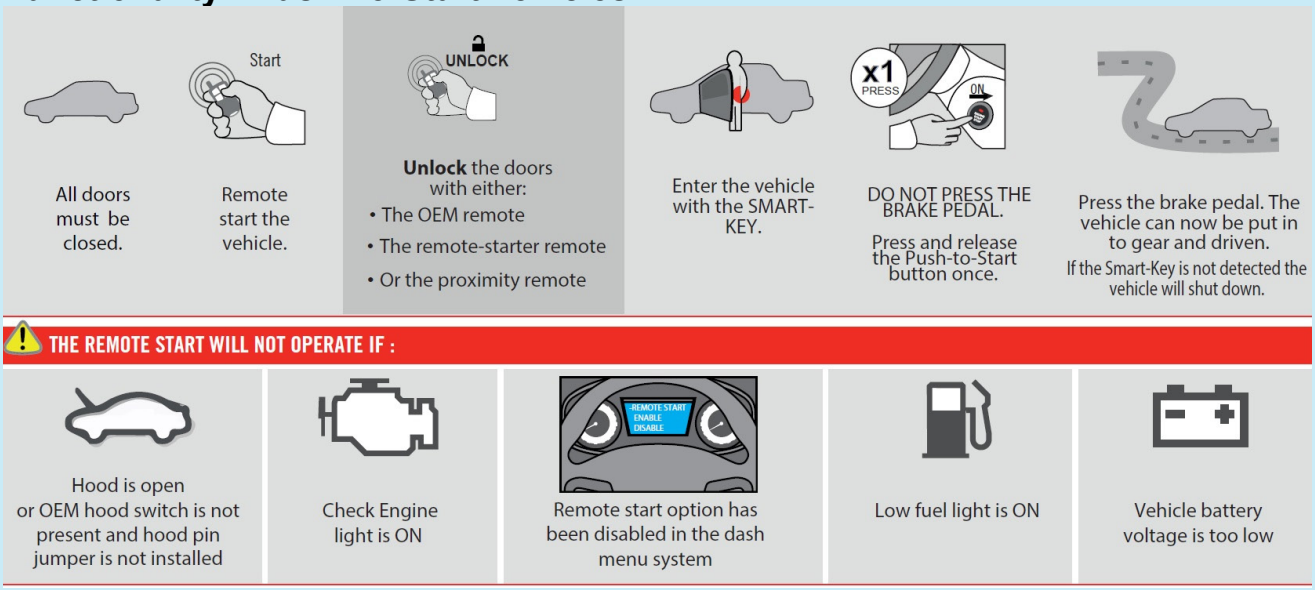
If your module programmed correctly, the blue LED on the EVOALL should flash when you press lock.

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 (with the OEM remote 10' away) to stop the engine.

Functionality: Key-Start Vehicles



Functionality: Push-To-Start Vehicles



PLEASE NOTE: The remote start can only be used 2 consecutive times. After that, the vehicle needs to be started using the key and either driven or allowed to let the engine run for a few minutes.

Step 6: Finishing 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.

If you have any installation questions or problems, you can create a support ticket for help at:

install.kleinn.com/support

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