Installation Guide

2020-2024 Tacoma / 4-Runner &
2020-2021 Tundra Push to Start
KLEINN SKU#: RSTOY20

Toyota (Push-to-Start)					
4 Runner	20	21	22	23	24
Tacoma	20	21	22	23	24
Tundra	20	21			

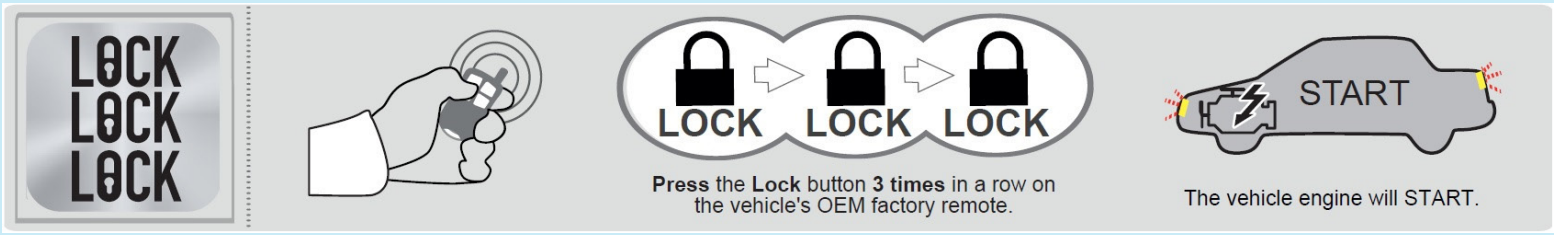
* **For automatic transmission vehicles only**

Introduction

- This pre-wired kit is easy to install! Just find the DCM behind the glove box, unplug the 34-pin connector, and connect the T-harness in-line between the factory plug and the DCM socket.
- We have already loaded the correct firmware into the remote start module. You will need to pair the module to the vehicle when the t-harness installation is complete.
- The blue connector is reserved for optional upgrades, such as Drone Mobile smartphone control or RF remote kits (1-button or 4-button).

CLICK HERE FOR SMARTPHONE / REMOTE UPGRADE OPTIONS

- To remote start the vehicle, press LOCK 3 times on your factory OEM remote. The module tracks the lock circuit pulses to initiate the remote start activation.



Parts List

- EVO-ALL Remote Start Data Module
- 4RUN20 T-Harness

Overview

This guide covers 3 models, select the steps that match your vehicle, when you finish the t-harness connection, proceed to the programming in step 4.

1. Step 1-1.2: Tacoma Only- Images, Wiring Diagram, T-Harness Connections. **Pages 2 -4**
2. Step 2-2.2: 4-Runner Only- Images, Wiring Diagram, T-Harness Connections. **Pages 5 - 7**
3. Step 3-3.2: Tundra Only- Images, Wiring Diagram, T-Harness Connections. **Pages 8 -10**
4. Step 4: Test the system. **Page 11**
5. Step 5 & 6: Test the system. Button it up! **Page 12**

Disclaimer

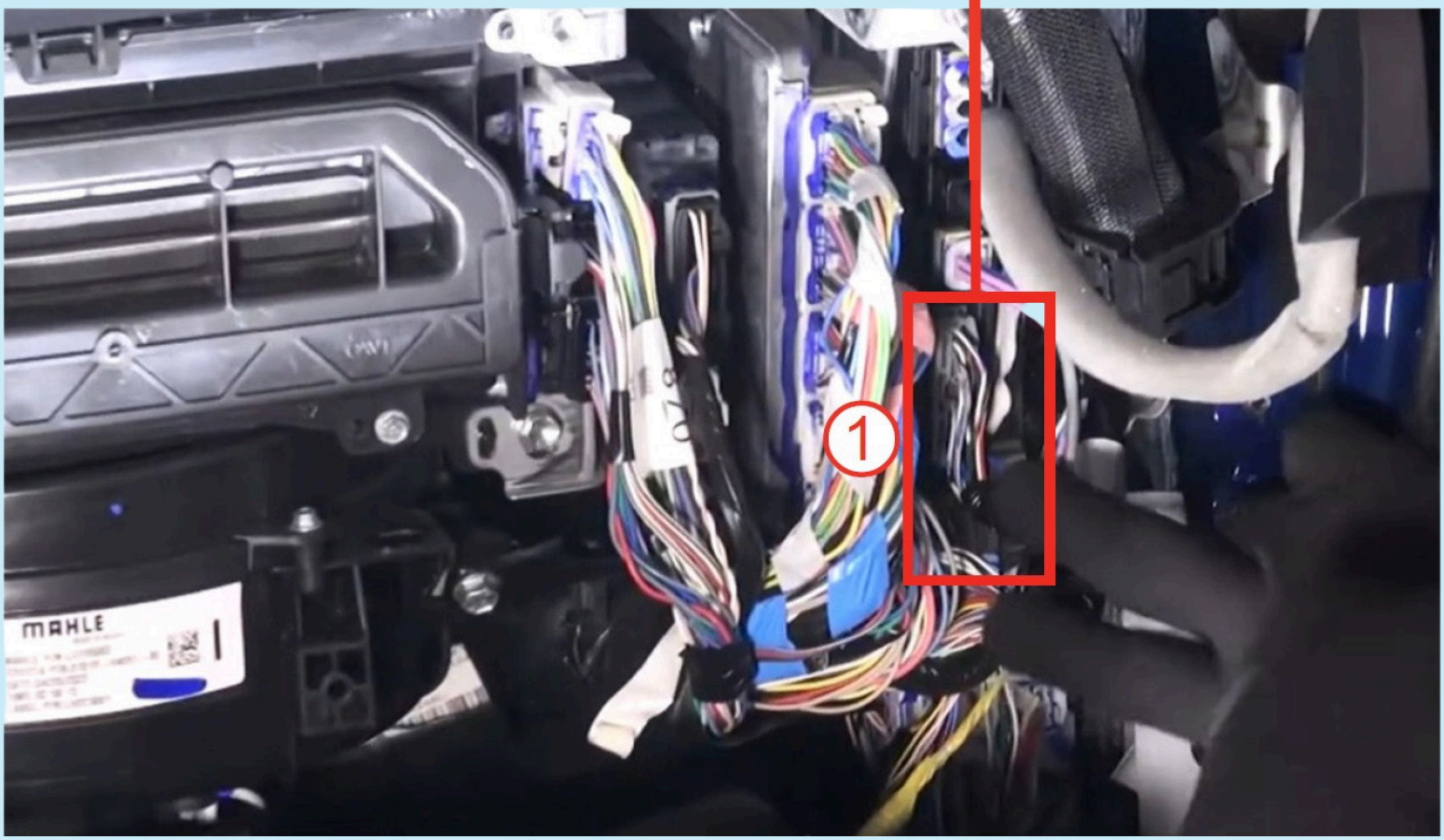
Neither the manufacturer nor the distributor of these components are responsible for damages of any kind either indirectly or directly caused by the components, except for the replacement of the components in case of manufacturing defects. This guide is subject to change without notice. Refresh your browser cache or use different browser (Edge, Chrome, Firefox, etc.) to view the latest update.

Step 1: Where to Find Your Wires

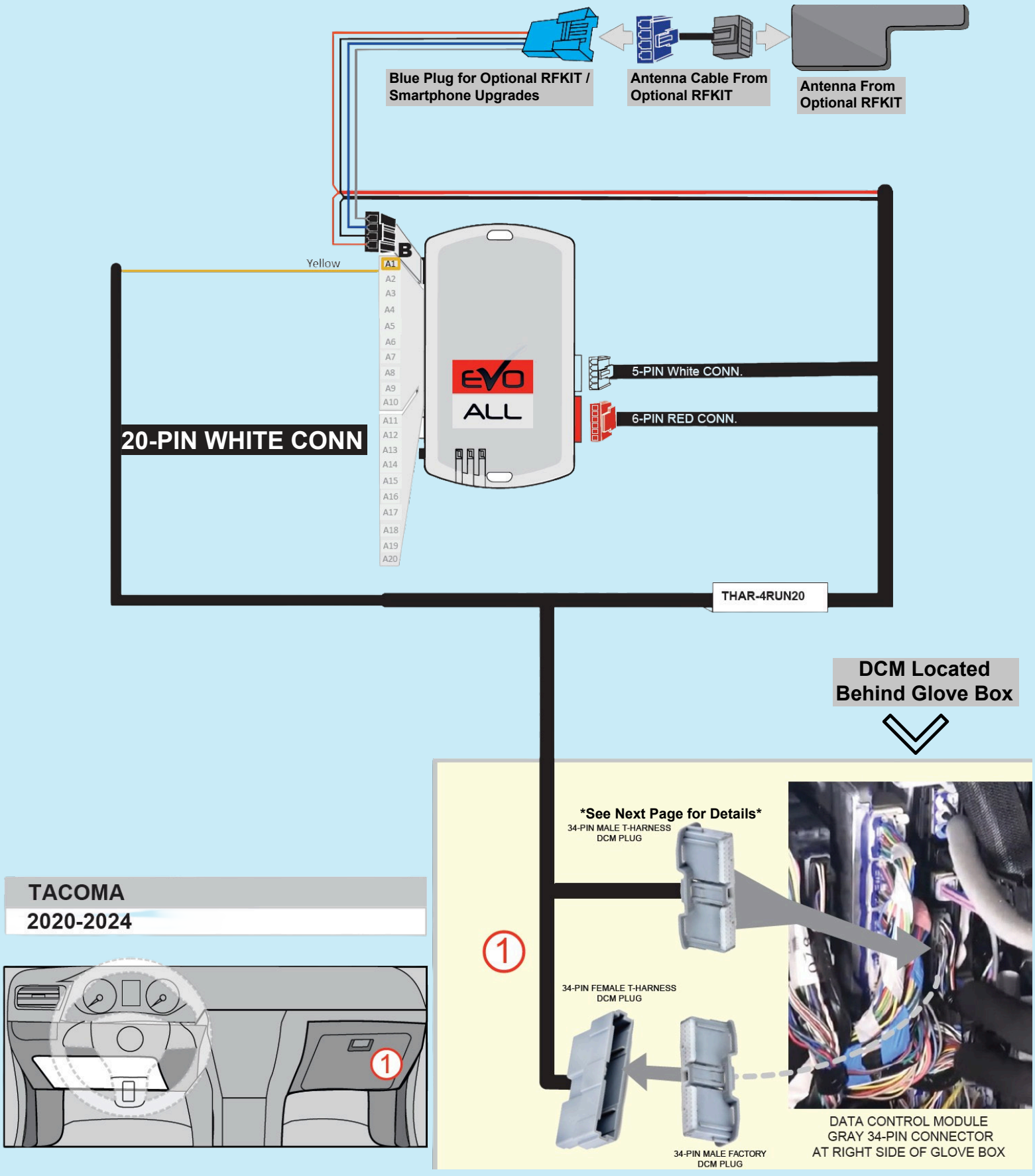
TACOMA 2020-2024



(DCM) DATA CONTROL MODULE BEHIND GLOVE BOX

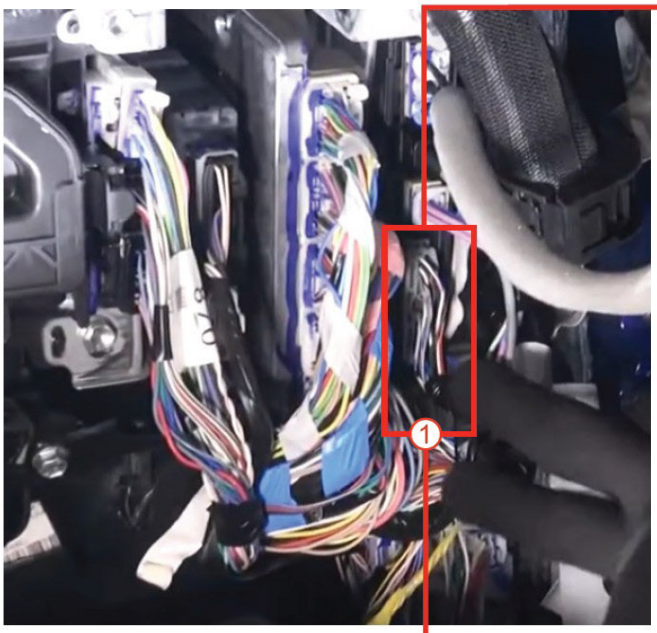


Step 1.1: 20-24 Tacoma System Wiring Diagram



Step 1.2: 20-24 Tacoma T-Harness Connection





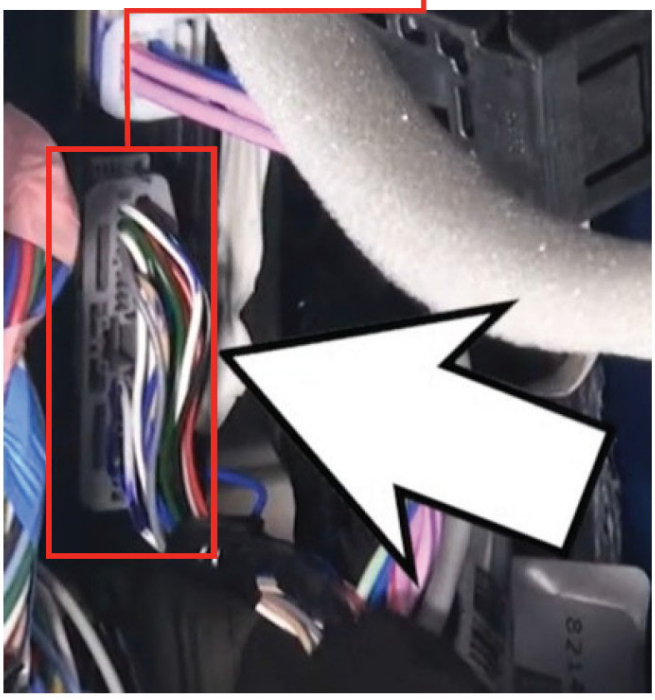
Remove the Glove box assemply to access the DCM module.

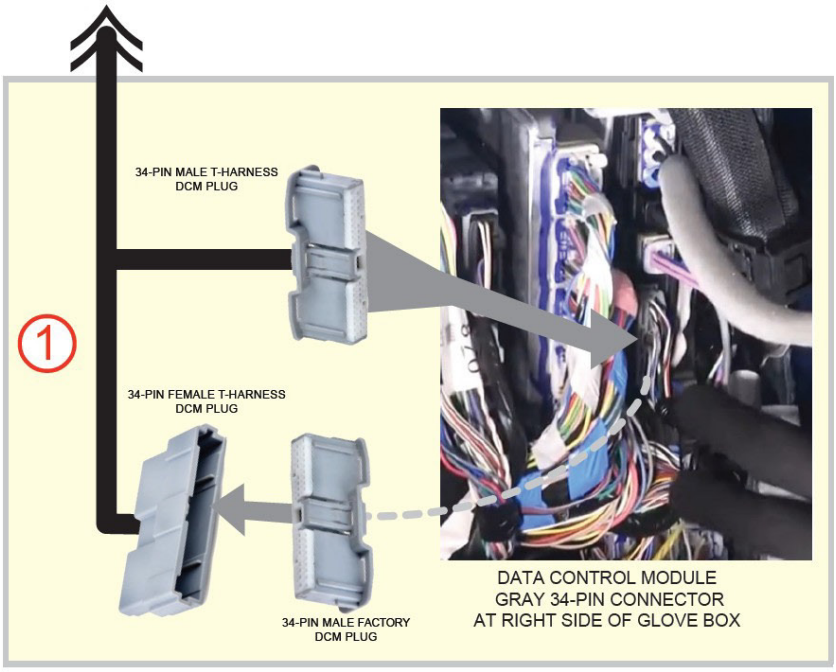
Locate the DCM module at passenger side right of the glove box. Remove the glove box to see the DCM module.

Unplug the Factory Gray 34-pin connector from the DCM, Plug the male Factory Gray connector in to the T-Harness Female Gray connector.

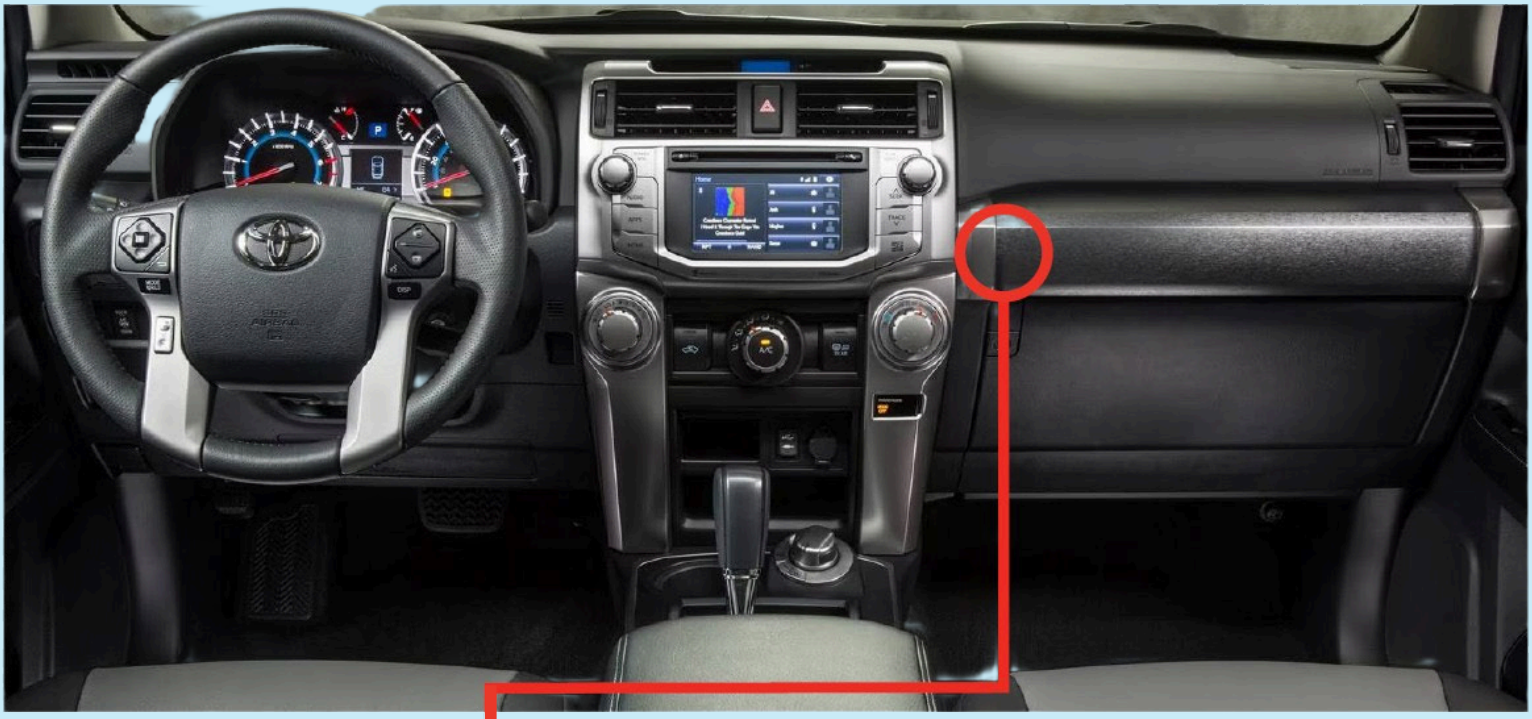
Plug the Male T-Harness connector in to the Factory DCM port.

Next move on to Step 4 to program the module

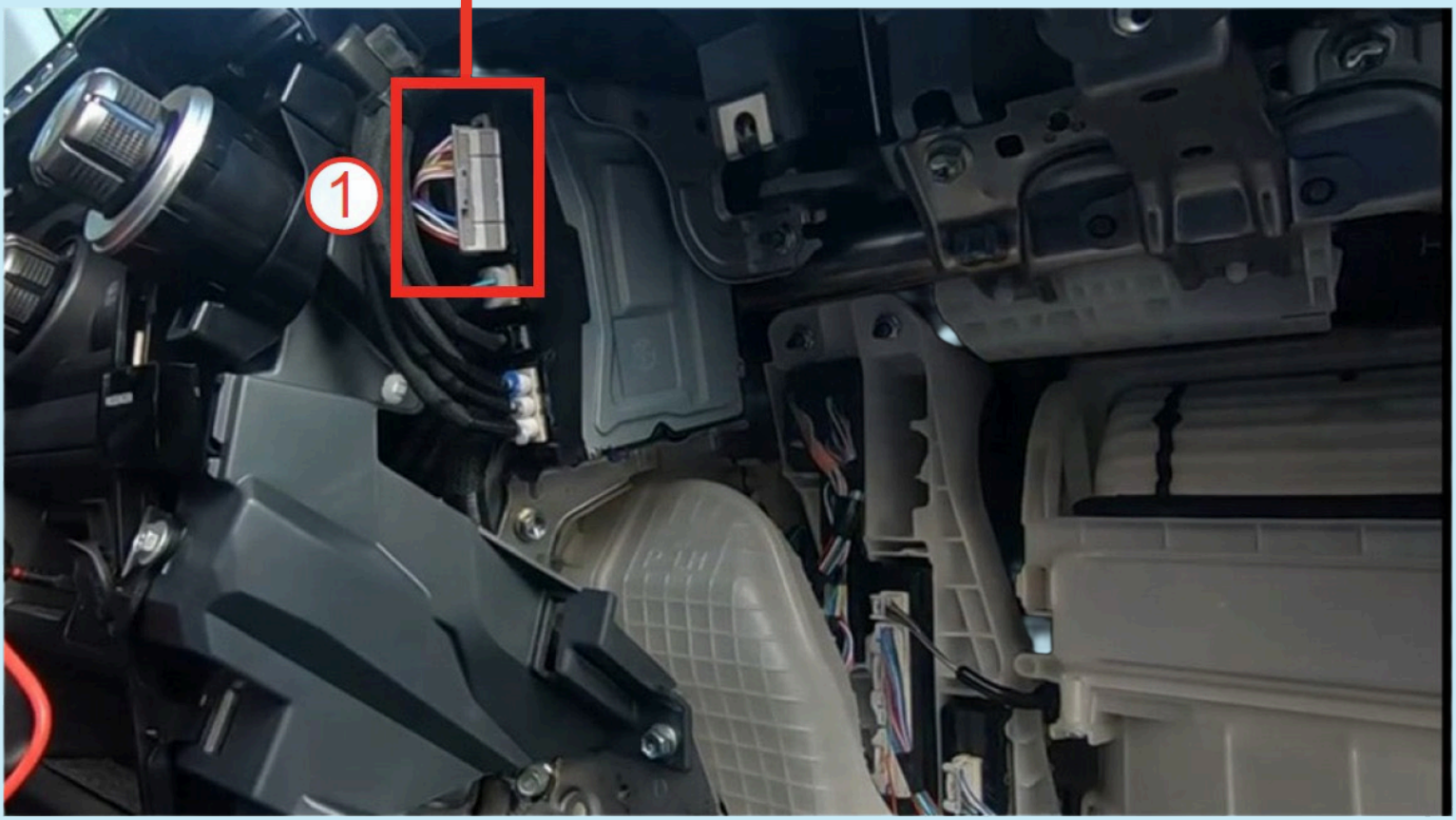




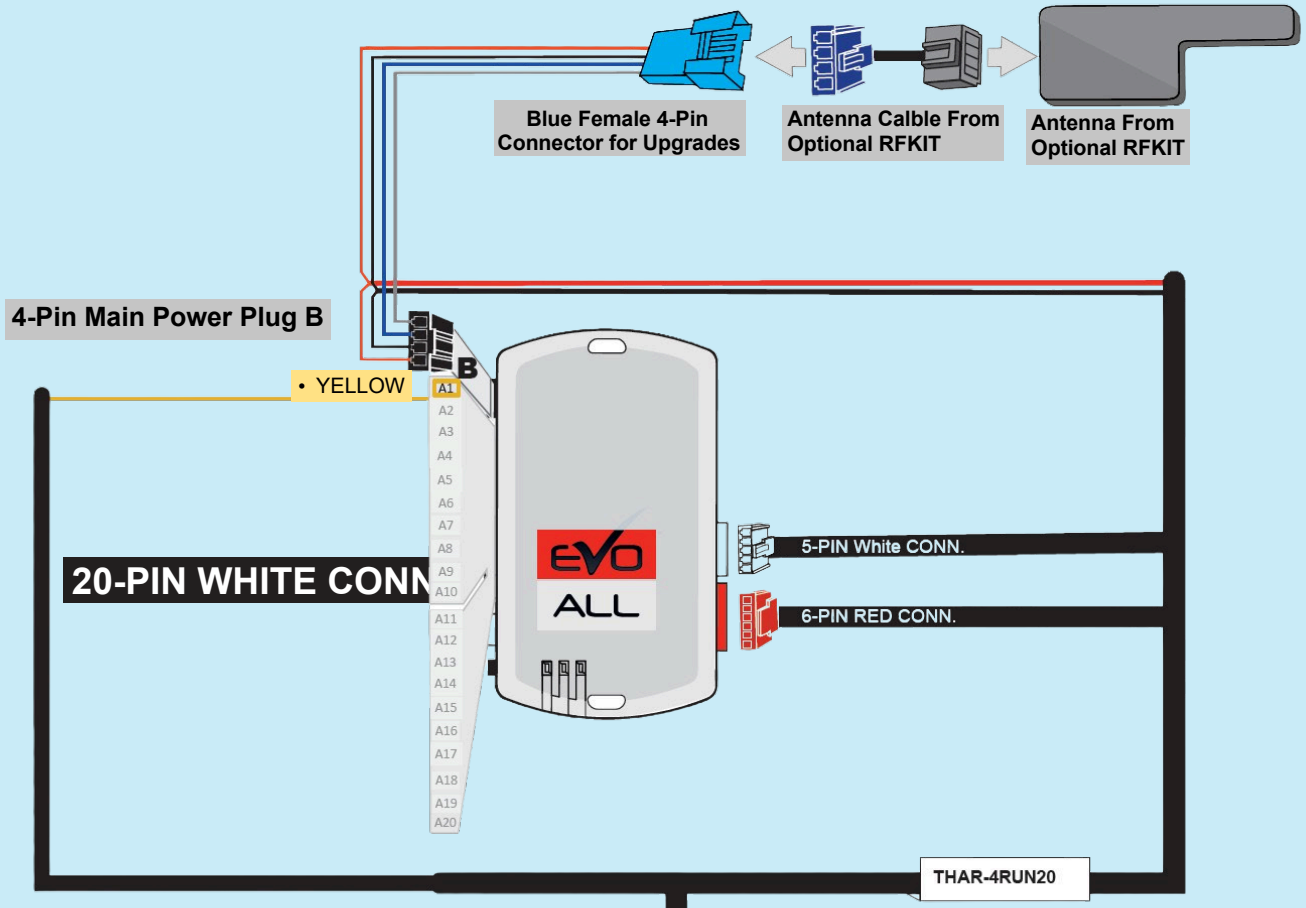
Step 2: 20-24 4-Runner Where to Find Your Wires



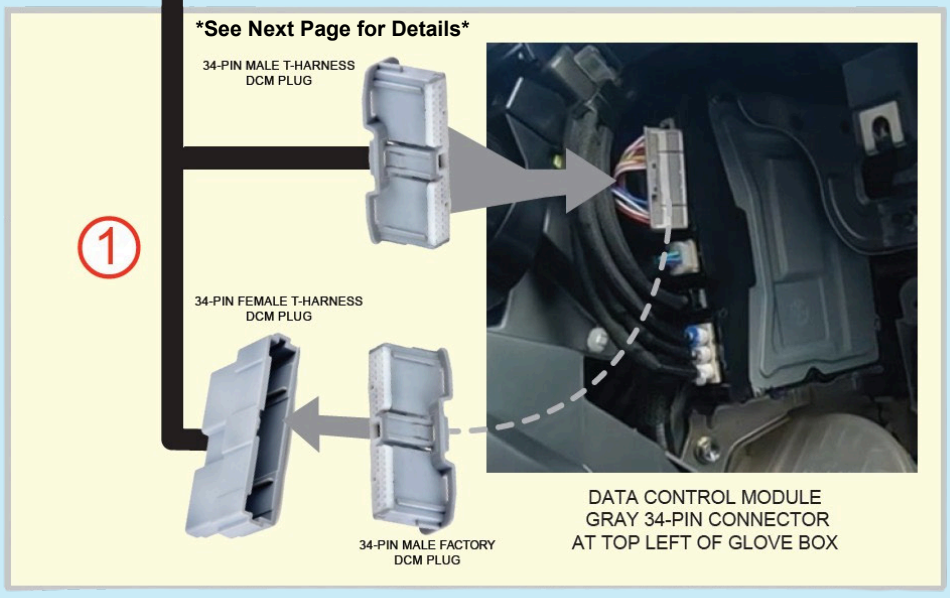
(DCM) DATA CONTROL MODULE BEHIND GLOVE BOX



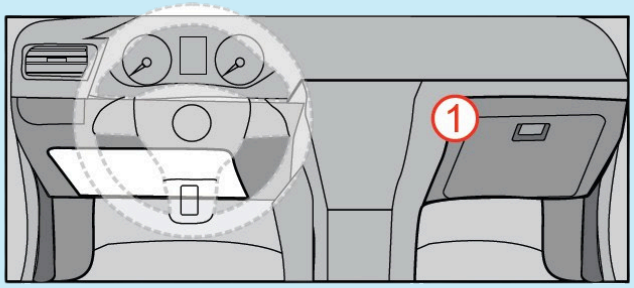
Step 2.1: 20-24 4-Runner System Wiring Diagram



DCM Located Behind Glove Box

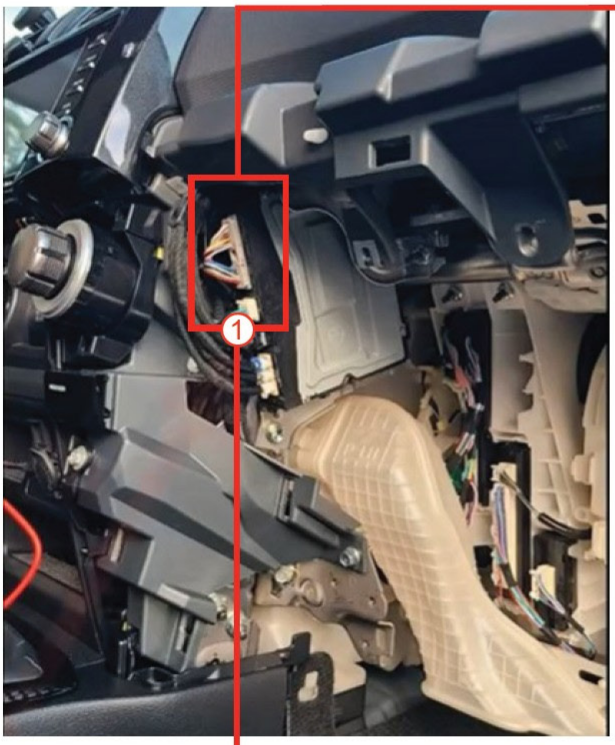


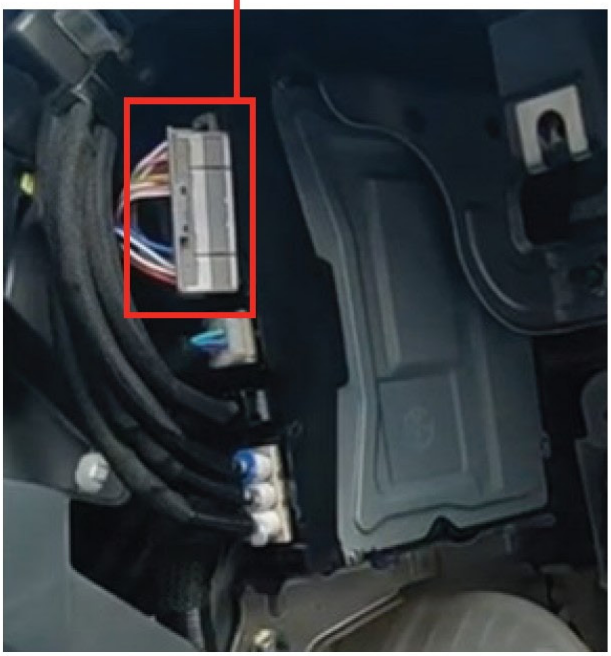
4RUNNER
2020-2024



Step 2.2: 20-24 4-Runner T-Harness Connection







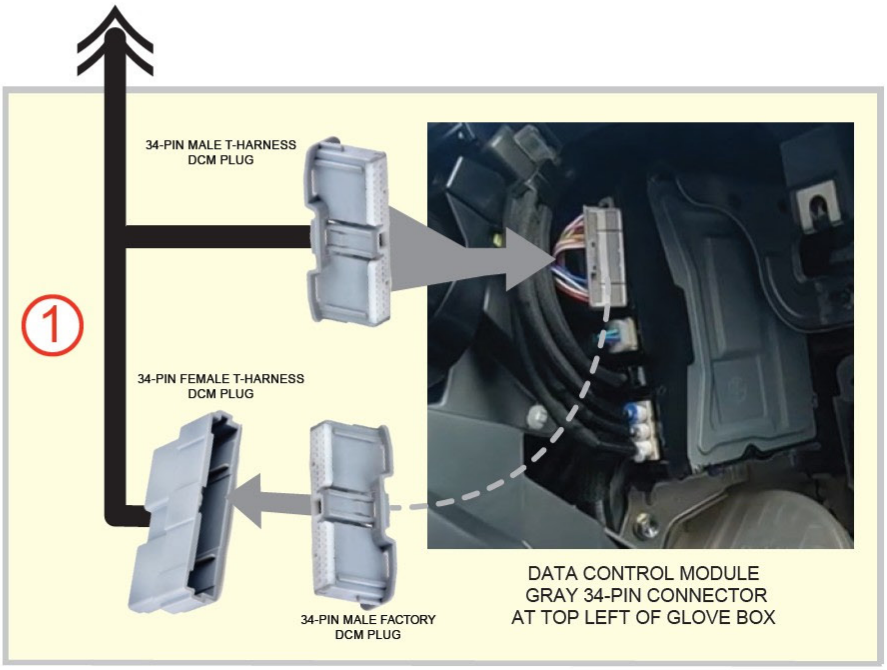
Remove the Glove box assemply to access the DCM module.

Locate the DCM module at passenger side top left of the glove box. Remove the glove box to see the DCM module.

Unplug the Factory Gray 34-pin connector from the DCM, Plug the male Factory Gray connector in to the T-Harness Female Gray connector.

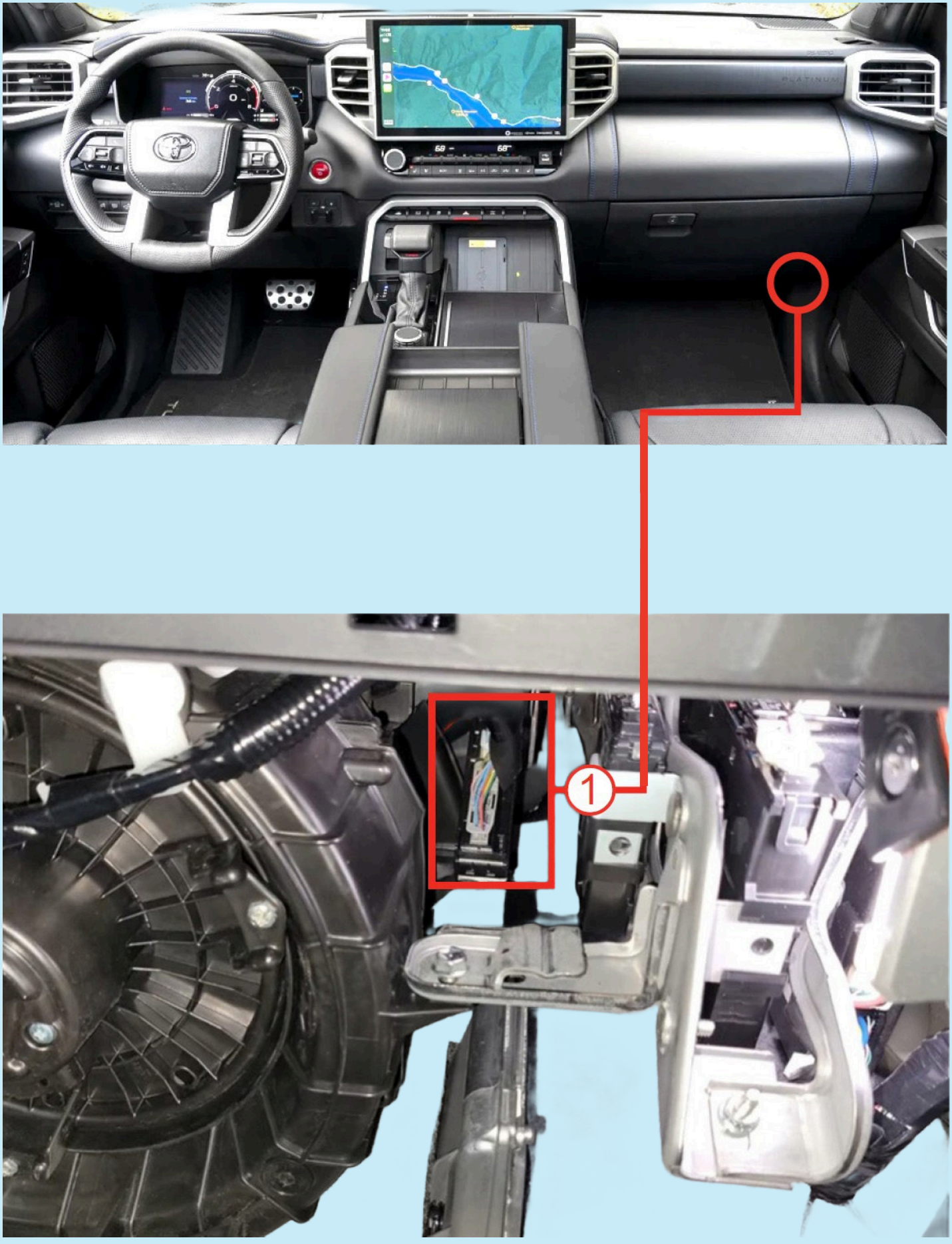
Plug the Male T-Harness connector in to the Factory DCM port.

Next move on to Step 4 to program the module

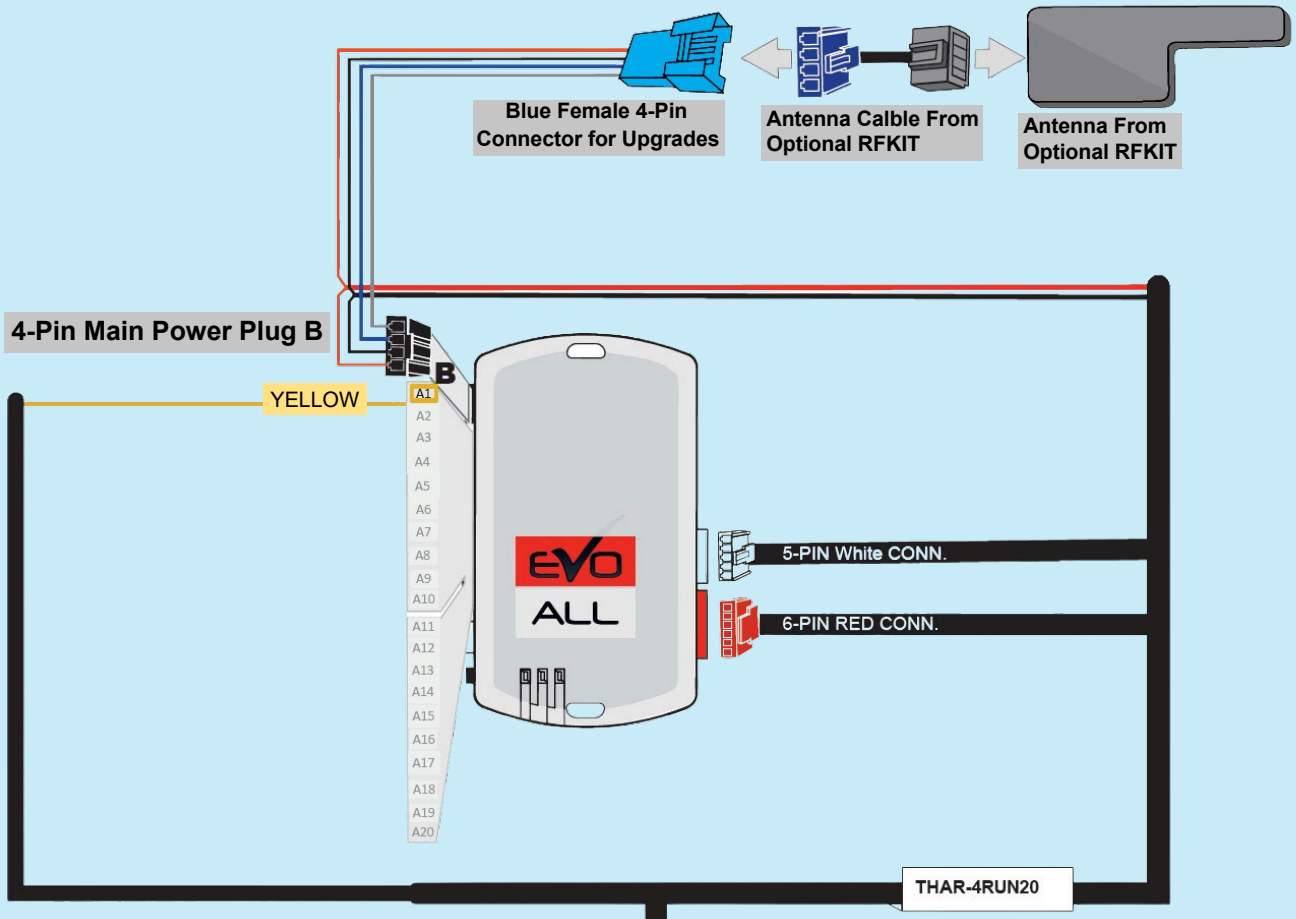


Step 3: 20-21 Tundra Where to Find Your Wires

TUNDRA 2020-2021



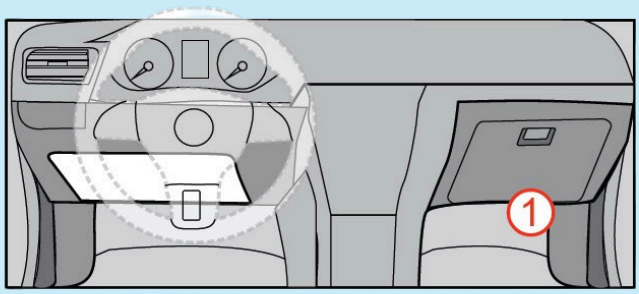
Step 3.1: 20-21 Tundra Wiring Diagram



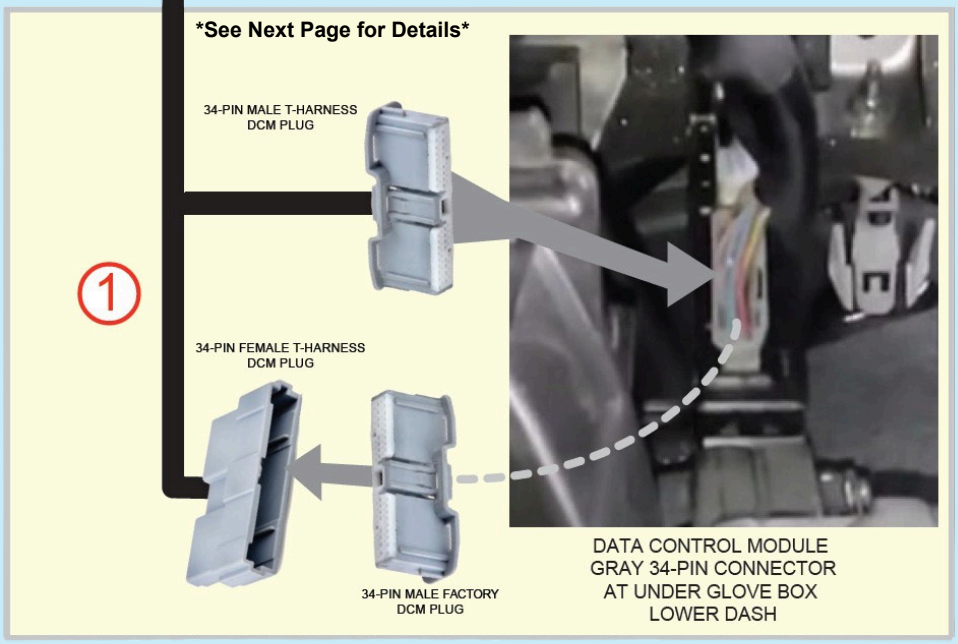
DCM Located Behind Glove Box

TUNDRA

2020-2021

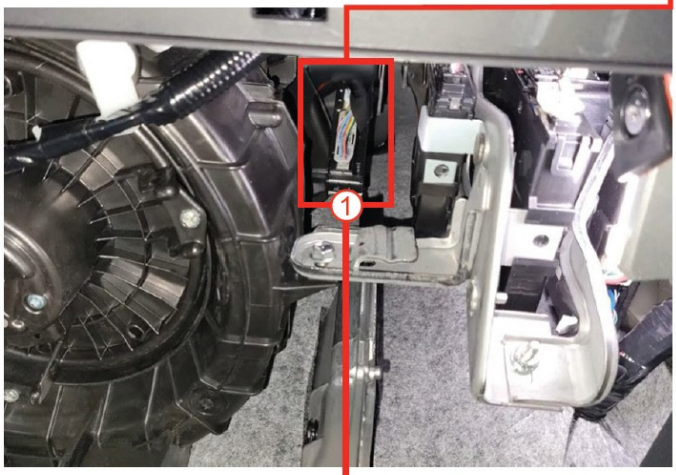


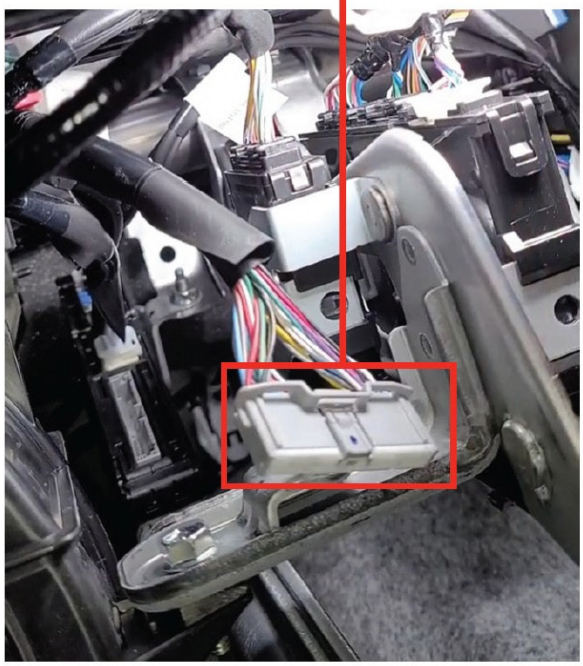
See Next Page for Details



Step 3.2: 20-21 Tundra T-Harness Connection





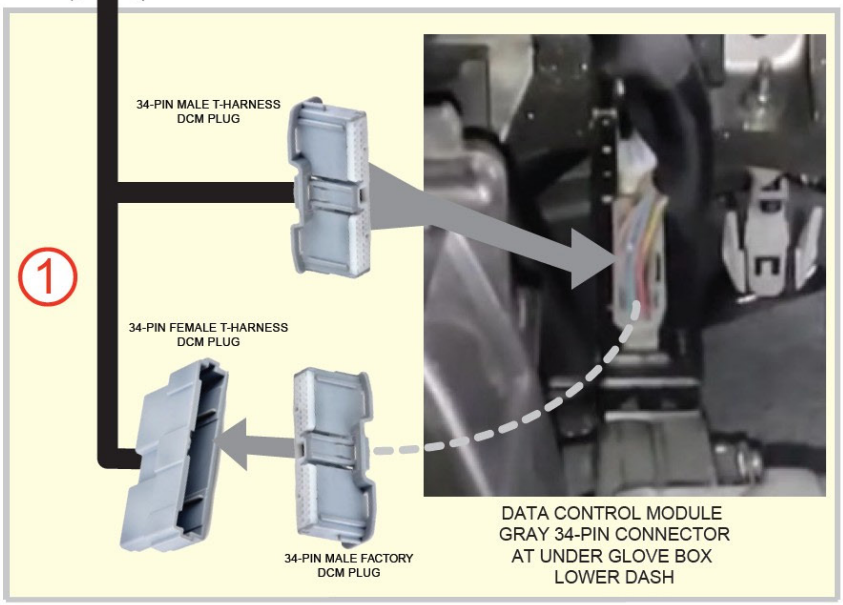


Locate the DCM module at passenger side under the glove box. Remove the lower panel under glove box to see the DCM module.

Unplug the Factory Gray 34-pin connector from the DCM, Plug the male Factory Gray connector in to the T-Harness Female Gray connector.

Plug the Male T-Harness connector in to the Factory DCM port.

Next move on to Step 4 to program the module



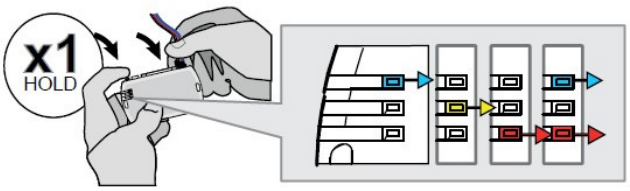
Step 4: Programming the Module to the Truck / SUV

Before starting the programming sequence, make sure that none of the connectors are plugged into the EVO-ALL and begin.

While holding the button down on the EVO-ALL (step 1 in the programming instructions), insert the black 4-Pin Plug WITHOUT the locking tab into the EVO-ALL 4 pin black receptacle, the lights will alternate colors, when you see BLUE only, release the button. If you miss it unplug and try again.



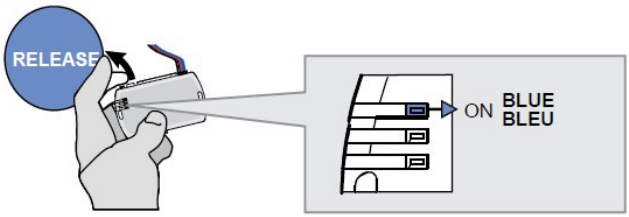
1



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

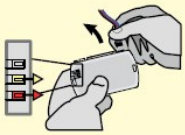
↳The BLUE, RED, YELLOW and BLUE & RED LEDs *will alternatively illuminate.*

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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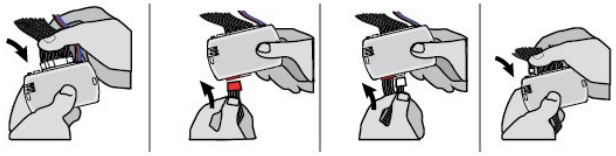
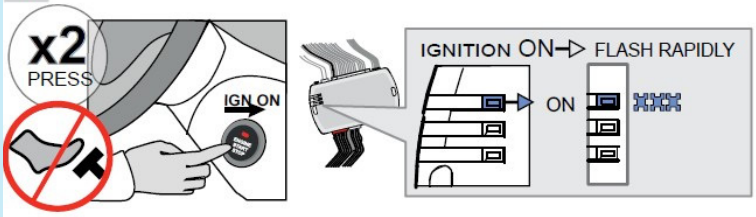


Insert the required remaining connectors.

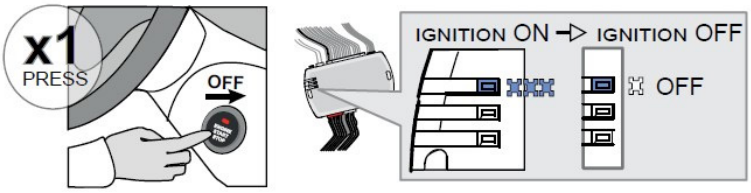
4



Do not press the brake pedal.
Press the Push-to-Start button twice to turn on the ignition.

↳*Wait for the BLUE LED to flash rapidly and constantly.*

5



Press the Push-to-Start button once to turn off the ignition.

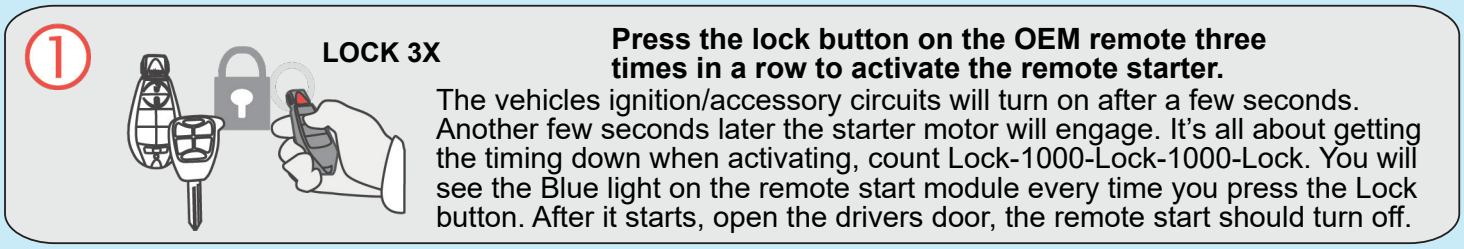
↳*The BLUE LED will turn off.*

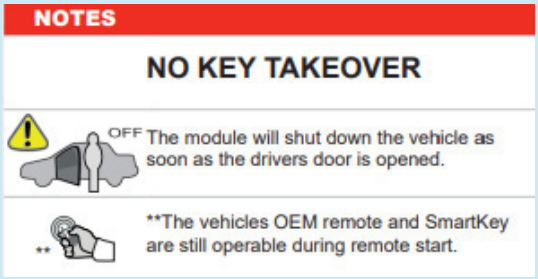
The module is now programmed.

Step 5: 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.

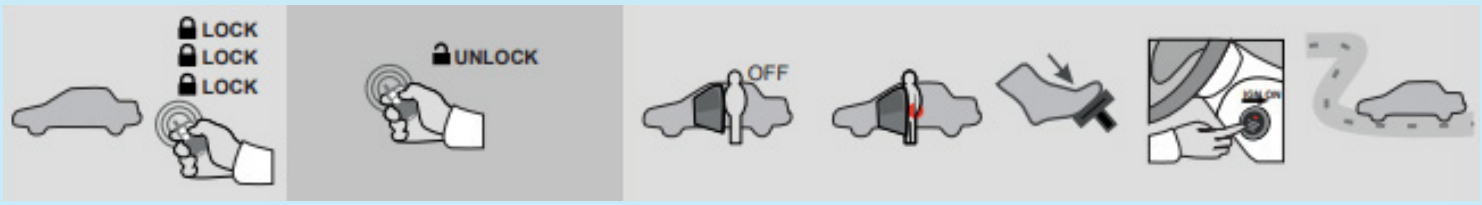




Step 6: Finishing up.

Functionality: Push-to-Start Vehicles

- **All Toyota's: When the vehicle is remote started, it will turn off when you open the door.**



- Enter the vehicle with the OEM FOB and start the vehicle normally. The remote starter will run for a period of 15 minutes then turn itself off.
- 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

520-579-1531 or Email: info@kleinn.com

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