

System Info & Installation Overview - PLEASE READ ALL STEPS

**VEHICLES COVERED:**

See Next Pages...

AUTOMATIC TRANSMISSION | PUSH-BUTTON
START (1 OEM Key Required For Programming)

MUST READ - INSTALLATION STEPS OVERVIEW:

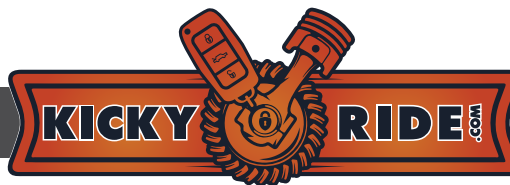
1. LOCATE & IDENTIFY ALL VEHICLE CONNECTORS/WIRES BEFORE MAKING ANY CONNECTIONS. TEST WITH DIGITAL MULTIMETER OR COMPUTER SAFE PROBE TO VERIFY CORRECT WIRE & FUNCTION FOR ANY WIRE SPLICES.
IMPORTANT: THERE CAN BE MANY WIRES IN THE VEHICLE WITH THE SAME COLOR. TESTING IS REQUIRED.
2. Choose a central mounting location for components based on all connection points. Avoid moving and hot vehicle parts.
3. Plan wire routing from mounting location to wire connections. Avoid sharp, moving and hot vehicle parts.
4. Make all connections as described on the following pages. DO NOT CONNECT ANY OTHER WIRING. UNUSED WIRES SHOULD BE CUT TO ABOUT 2" IN LENGTH & INSULATED/TAPED OFF IN CASE OF FUTURE USE.
5. Program module to vehicle as described on the following pages. This will allow for immobilizer bypass and proper vehicle communication.
6. Test remote start from OEM fobs.
7. Connect & any optional accessories. Use the install guides included w/ the accessories.

INSTALLATION SUPPORT:

Voice / Text: 706-395-5425 10AM-5PM Mon-Fri Eastern

Email: support@kickyrider.com

Please include your order number & vehicle info with any SMS message or email.

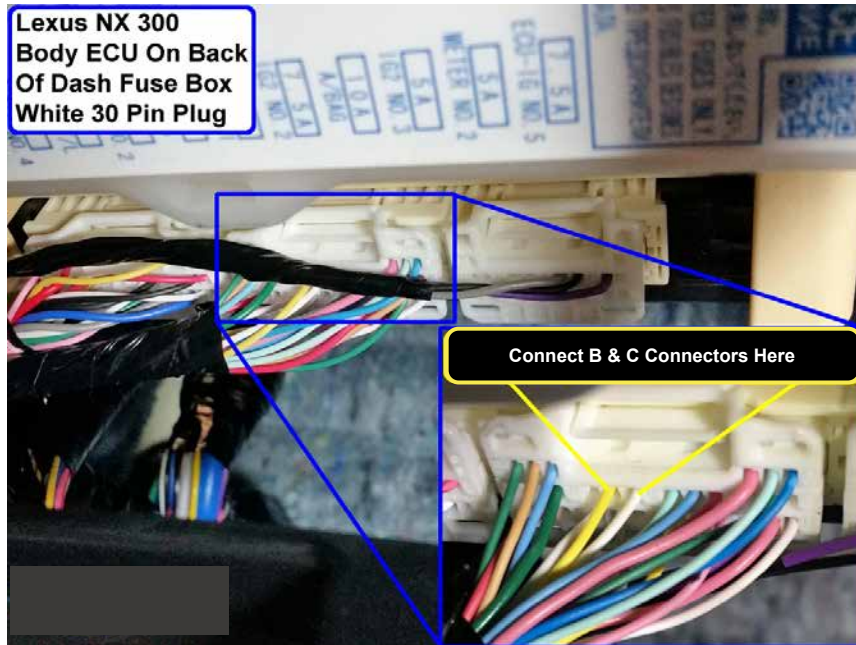
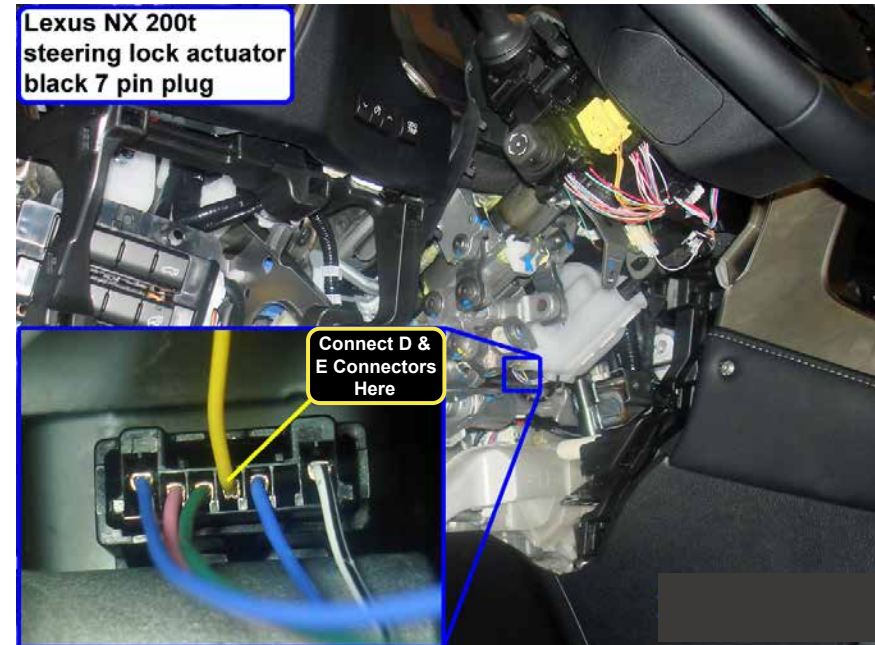
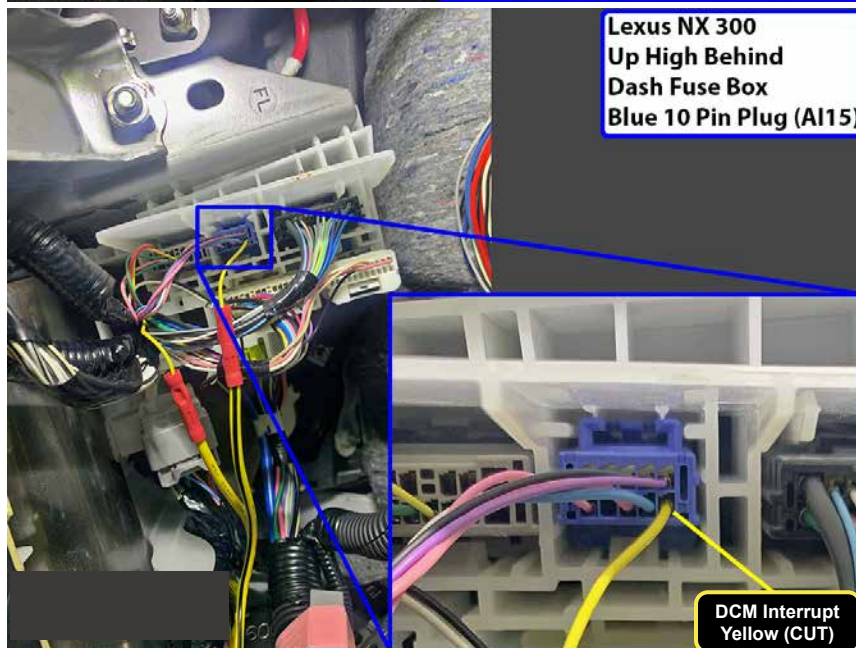
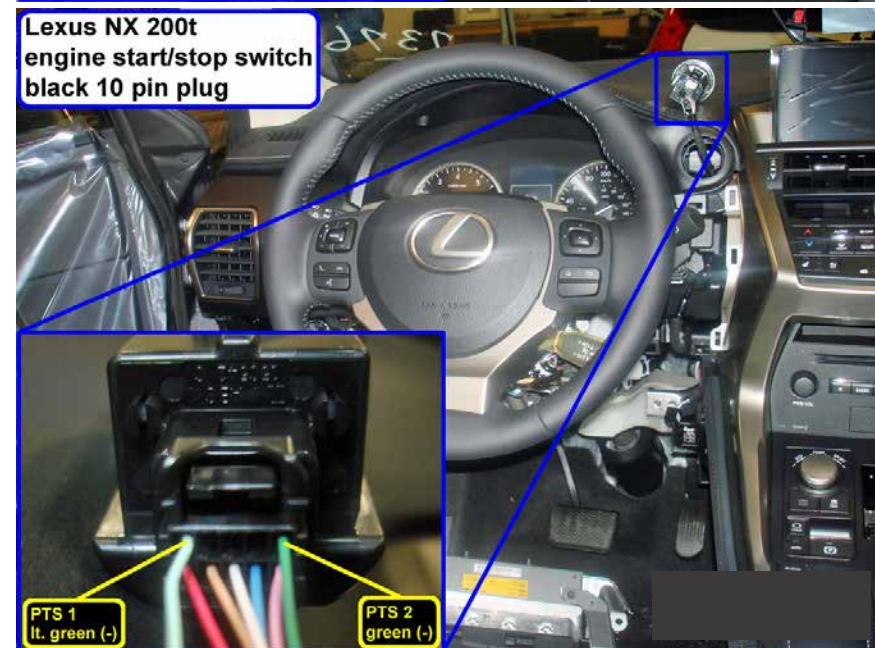


Wire/Connector Color & Location Chart - See images on next pages

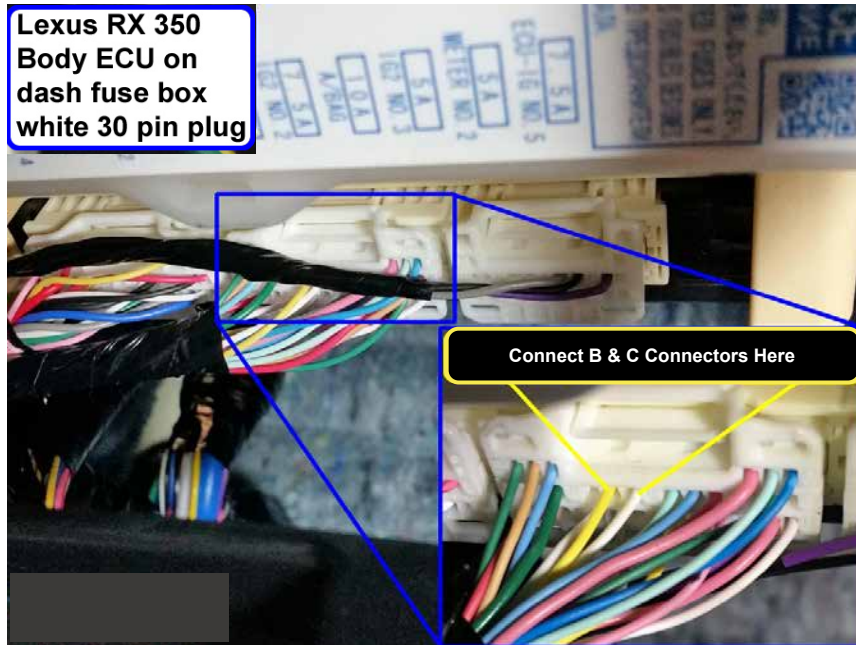
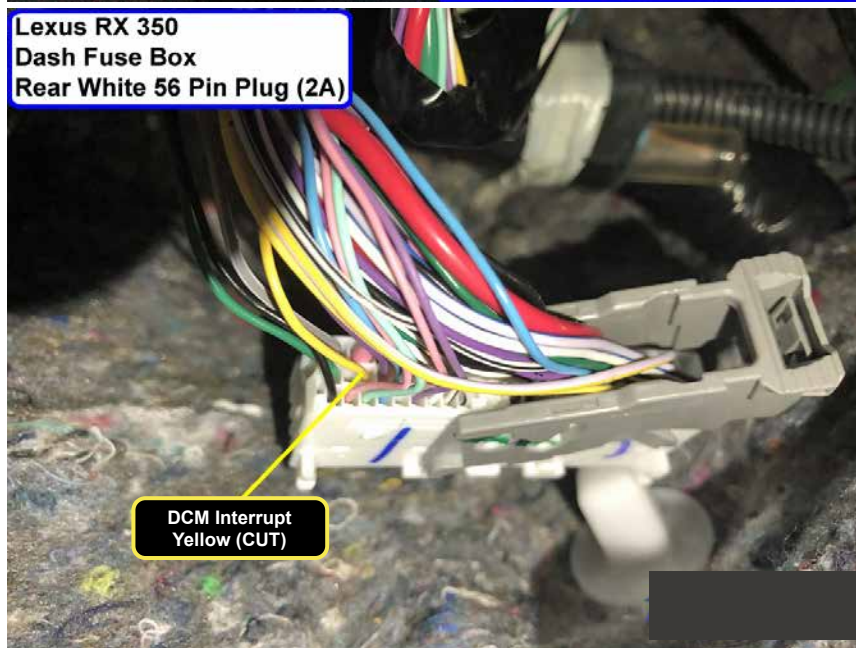
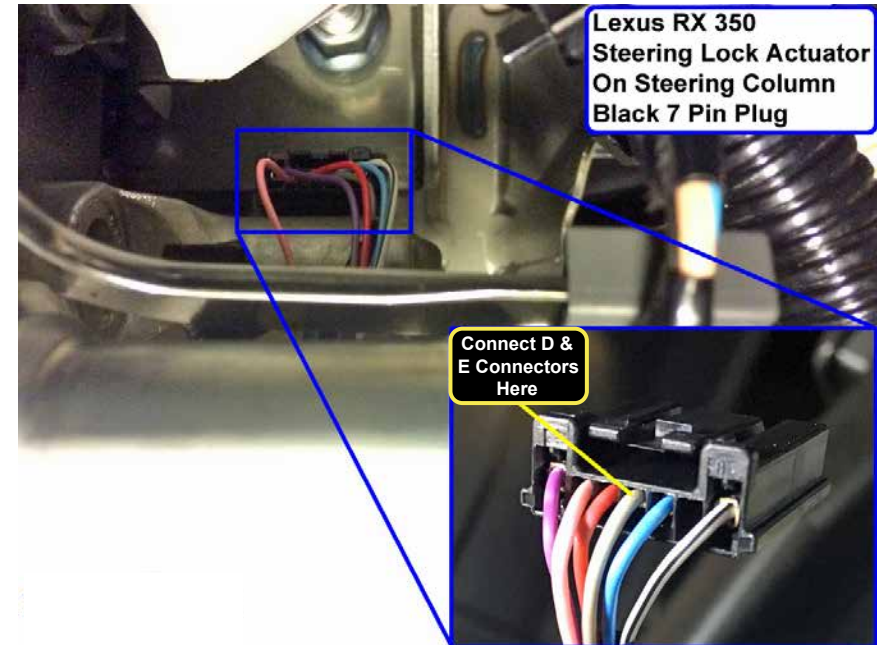
Make	Model	Trim	Year	Item	Connector Color	Total Conn. Pins	Pin #	Wire Color	Polarity	Location
Lexus	NX 300	Push-to-Start Automatic	2020 - 2021	Main Body ECU/Fuse Box	BLACK	30	-	-	-	Behind Driver Side Dash
				Steering Lock Connector	BLACK	7	-	-	-	Right Side Of Steering Column
				Telematics/DCM 12V	BLUE	10	1	YELLOW	(+)	Junction Block Above Driver Kick Panel
				Push-to-Start	BLACK	10	1	GREEN	(-)	Back Side Of Push-to-Start Button
Lexus	RX 350	Push-to-Start Automatic	2020 - 2022	Main Body ECU/Fuse Box	BLACK	30	-	-	-	Behind Driver Side Dash
				Steering Lock Connector	BLACK	7	-	-	-	Right Side Of Steering Column
				Telematics/DCM 12V	WHITE	56	33	YELLOW	(+)	Back Side Of Main Body ECU
				Push-to-Start	BLACK	10	1	VIOLET	(-)	Back Side Of Push-to-Start Button
Toyota	4Runner	Push-to-Start Automatic * For 2022+ Vehicles w/o Steering Lock Connector See Note on Page #4	2020 - 2024	Main Body ECU/Fuse Box	BLACK	30	-	-	-	Behind Driver Side Dash
				Steering Lock Connector	BLACK	7	-	-	-	Right Side Of Steering Column
				Constant 12 Volts	WHITE	32	8	LT. GREEN	(+)	Main Body ECU/Fuse Box
				Ignition	WHITE	32	2	PINK	(+)	Main Body ECU/Fuse Box
				Telematics/DCM 12V	WHITE	56	19	PINK	(+)	Back Side Of Main Body ECU
				Push-to-Start	BLACK	10	5	LT. GREEN	(-)	Back Side Of Push-to-Start Button
Toyota	C-HR	Push-to-Start Automatic	2020 - 2022	Main Body ECU/Fuse Box	BLACK	30	-	-	-	Behind Driver Side Dash
				Steering Lock Connector	BLACK	7	-	-	-	Right Side Of Steering Column
				Telematics/DCM 12V	WHITE	12	6	TAN	(+)	Junction Block Passenger Kick Panel
				Push-to-Start	BLACK	10	1	GRAY	(-)	Back Side Of Push-to-Start Button
Toyota	Sequoia	Push-to-Start Automatic	2020 - 2022	Main Body ECU/Fuse Box	BLACK	30	-	-	-	Behind Driver Side Dash
				Steering Lock Connector	BLACK	7	-	-	-	Right Side Of Steering Column
				Telematics/DCM 12V	WHITE	56	33	VIOLET	(+)	Back Side Of Main Body ECU
				Push-to-Start	BLACK	10	5	PINK	(-)	Back Side Of Push-to-Start Button
Toyota	Tacoma	Push-to-Start Automatic	2020 - 2023	Main Body ECU/Fuse Box	BLACK	30	-	-	-	Behind Driver Side Dash
				Steering Lock Connector	BLACK	7	-	-	-	Right Side Of Steering Column
				Telematics/DCM 12V	GRAY	34	1	BLUE	(+)	Telematics Module Behind Glove Box
				Push-to-Start	BLACK	10	1	GRAY	(-)	Back Side Of Push-to-Start Button
Toyota	Tundra	Push-to-Start Automatic	2020 - 2021	Main Body ECU/Fuse Box	BLACK	30	-	-	-	Behind Driver Side Dash
				Steering Lock Connector	BLACK	7	-	-	-	Right Side Of Steering Column
				Telematics/DCM 12V	WHITE	56	33	RED	(+)	Back Side Of Main Body ECU
				Push-to-Start	BLACK	10	5	TAN	(-)	Back Side Of Push-to-Start Button

DISCLAIMER: KICKYRIDE.COM, its employees, nor its affiliates accept any responsibility for any electrical damage to the vehicle or any other connected systems as a result of improper installation of this product. All wiring connections & vehicle compatibility must be verified by a professionally qualified technician prior to installation. Test all circuits to verify function before connecting. This guide is provided as a reference only.

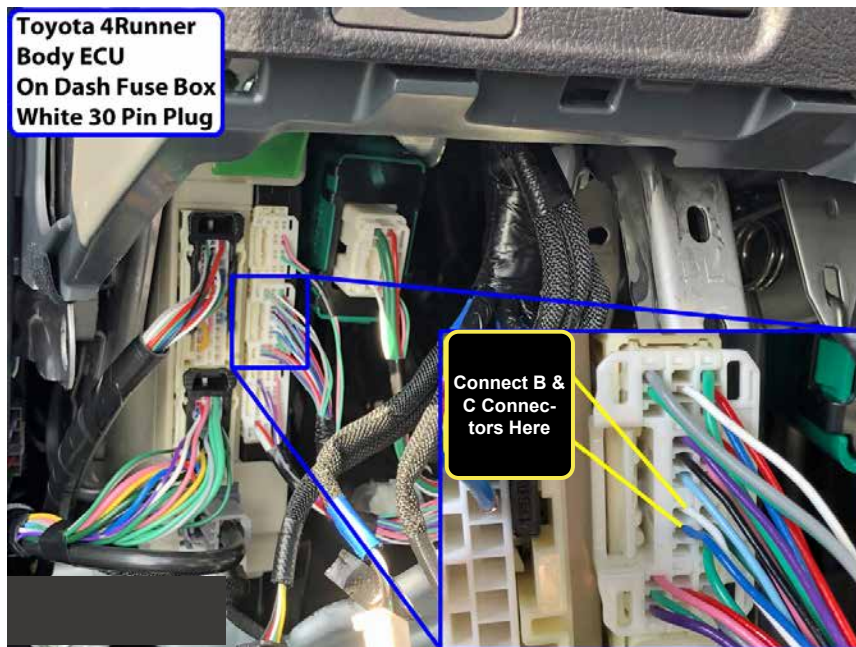
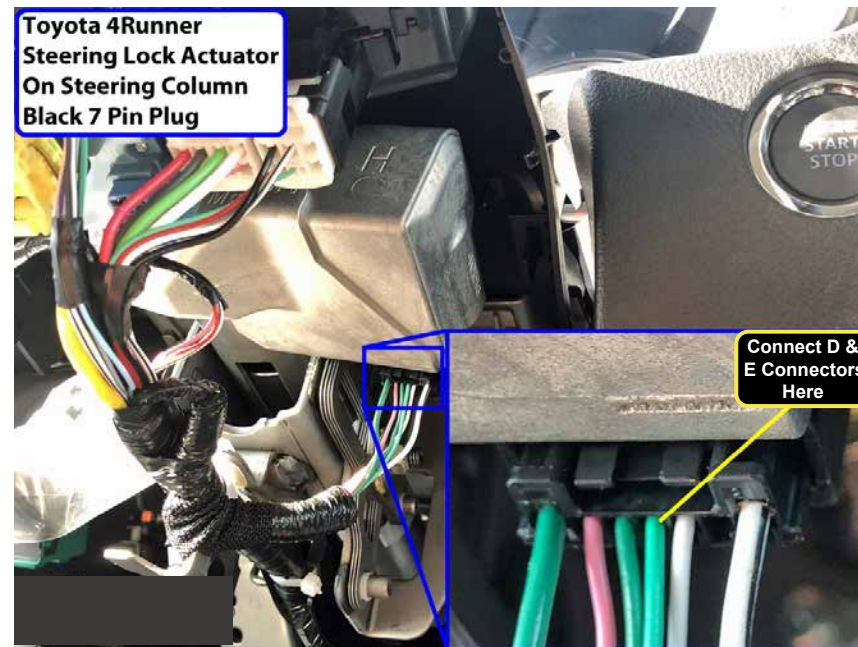
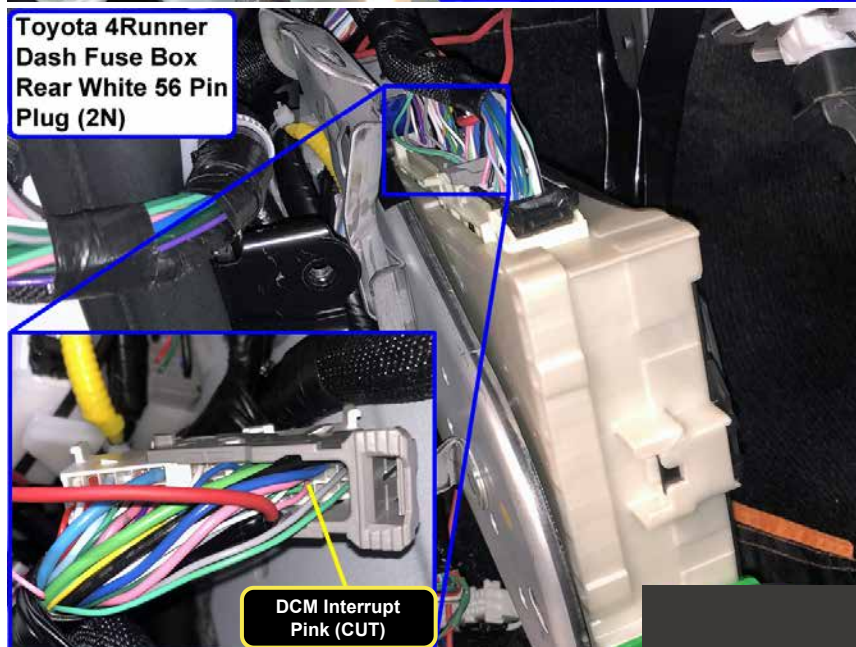
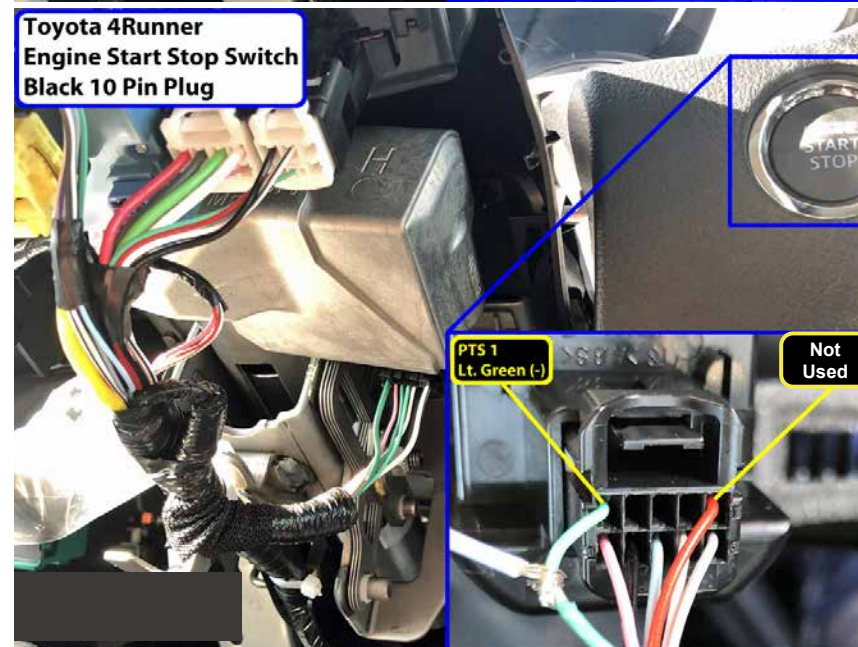
Connector/Wire Finder - Lexus NX 300/H



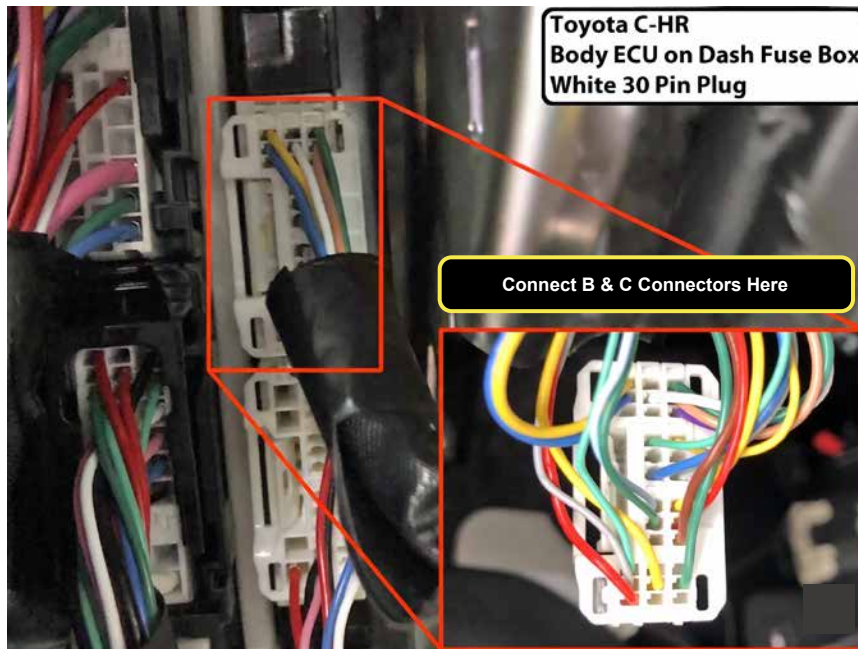
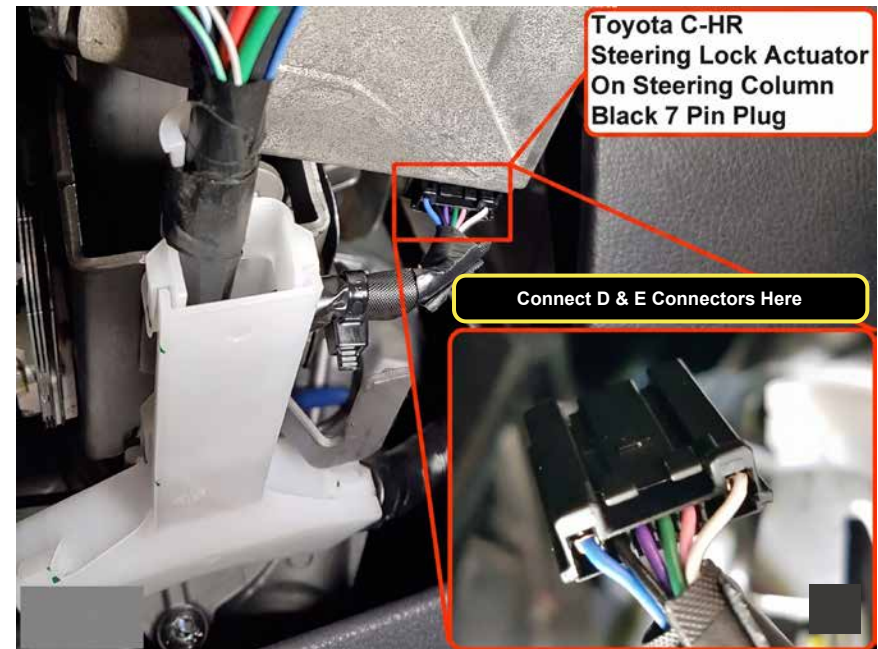
Connector/Wire Finder - Lexus RX 350/L



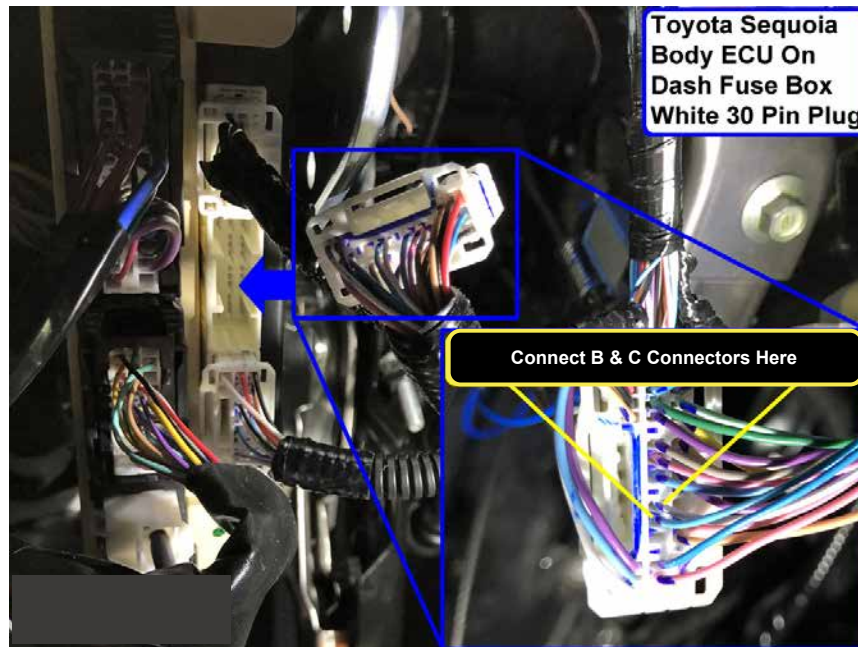
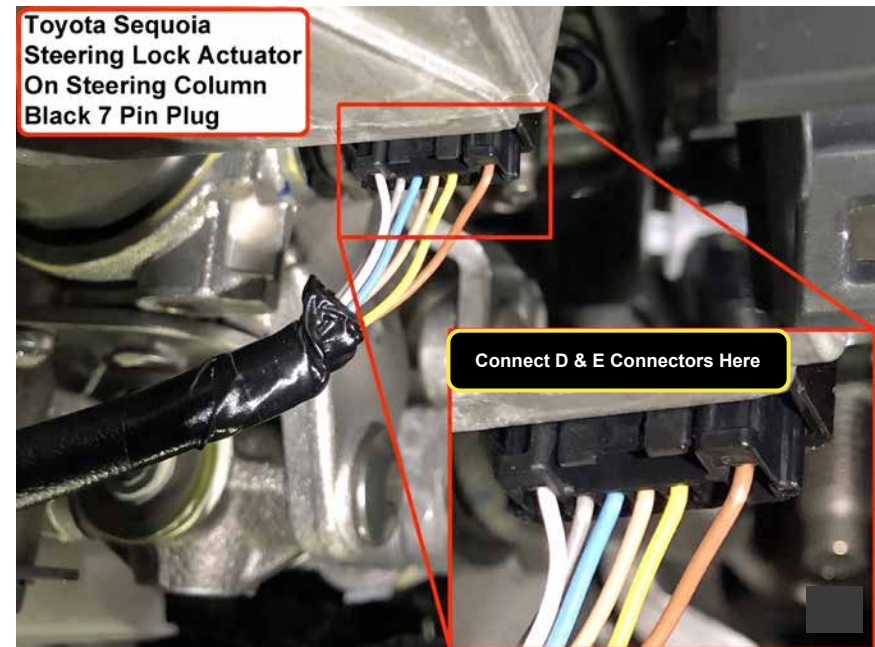
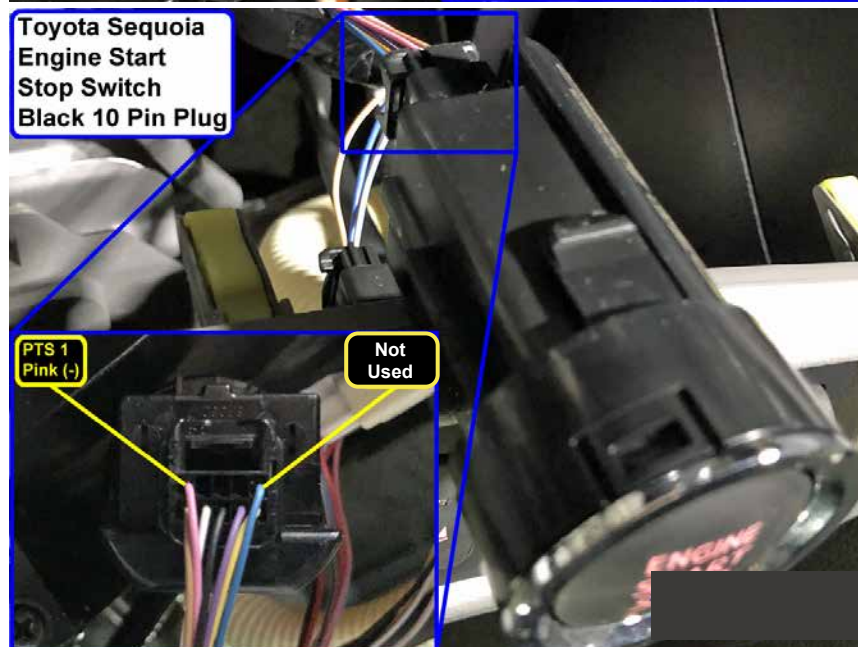
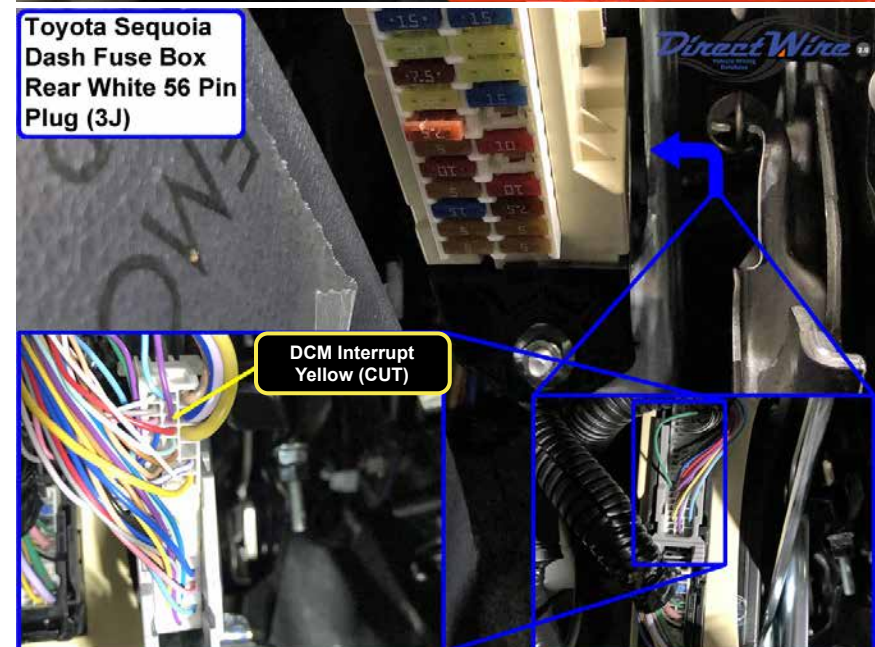
Connector/Wire Finder - Toyota 4Runner



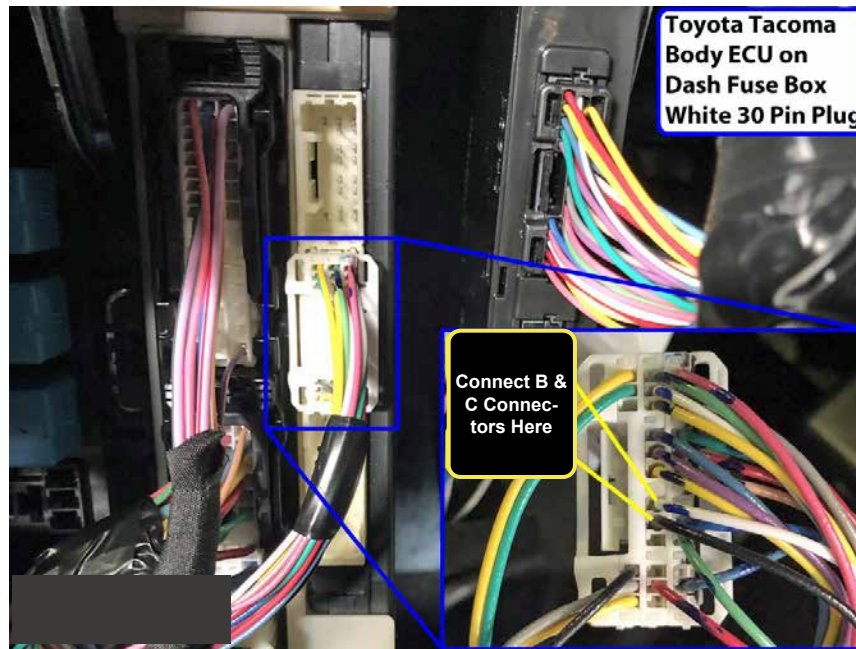
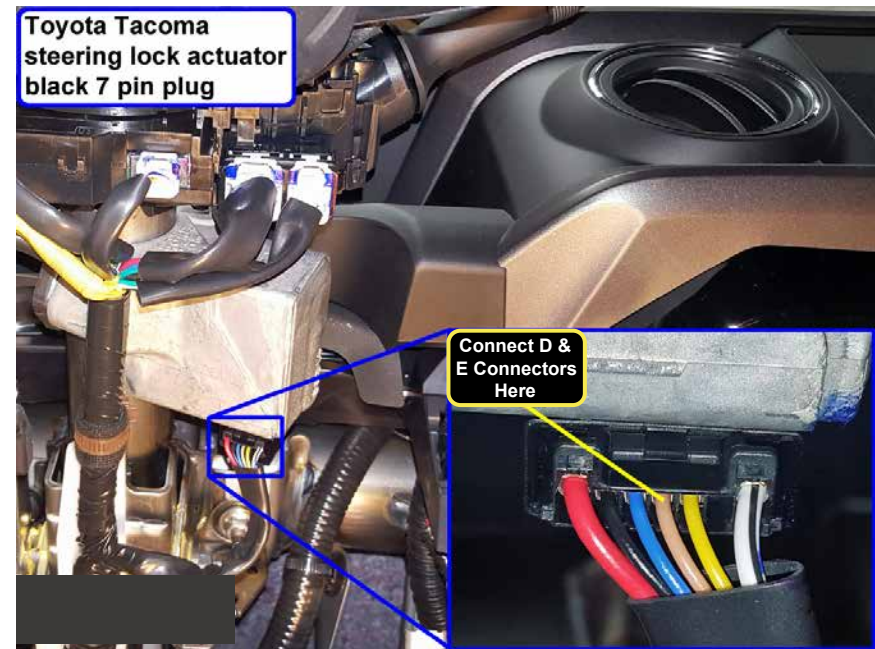
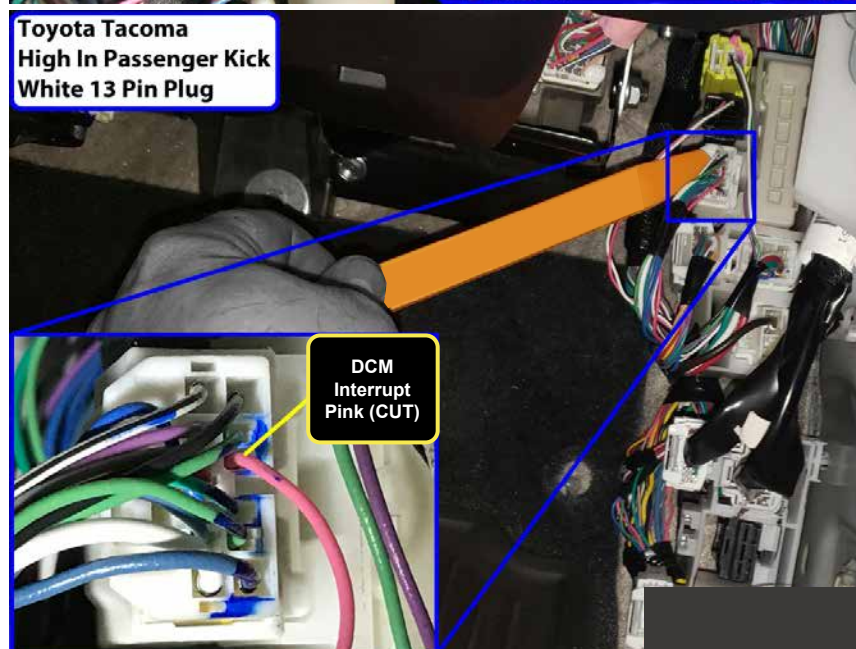
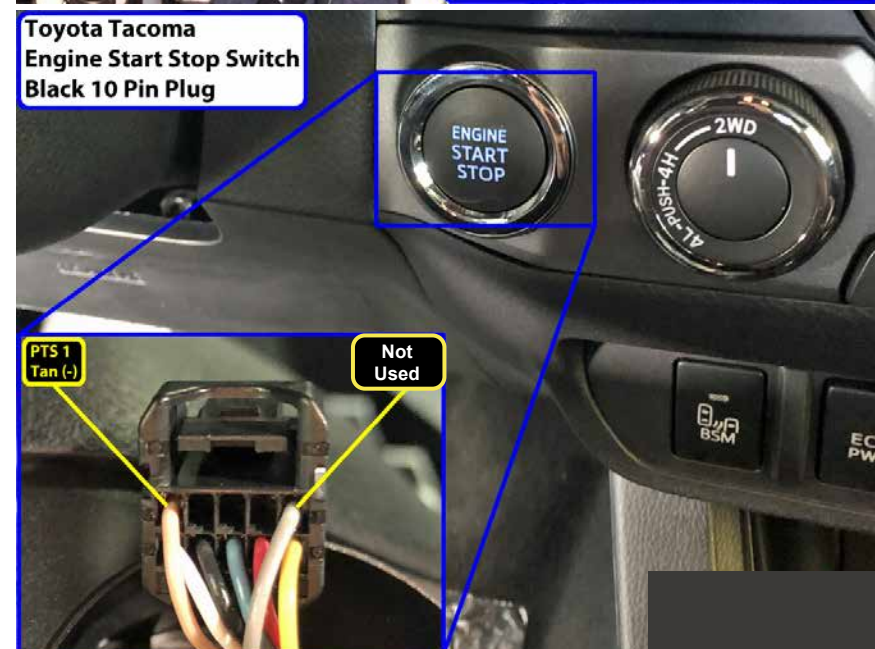
Connector/Wire Finder - Toyota C-HR



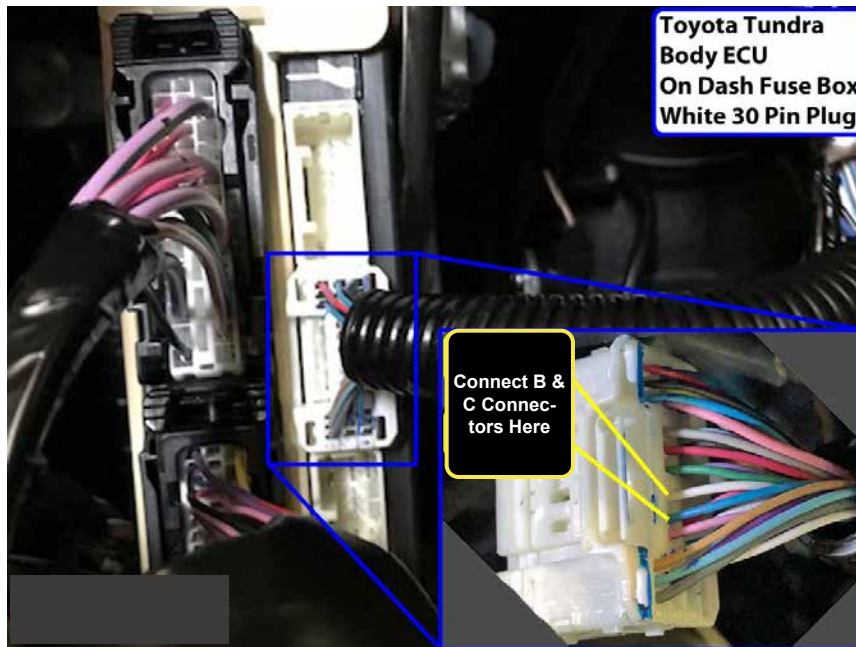
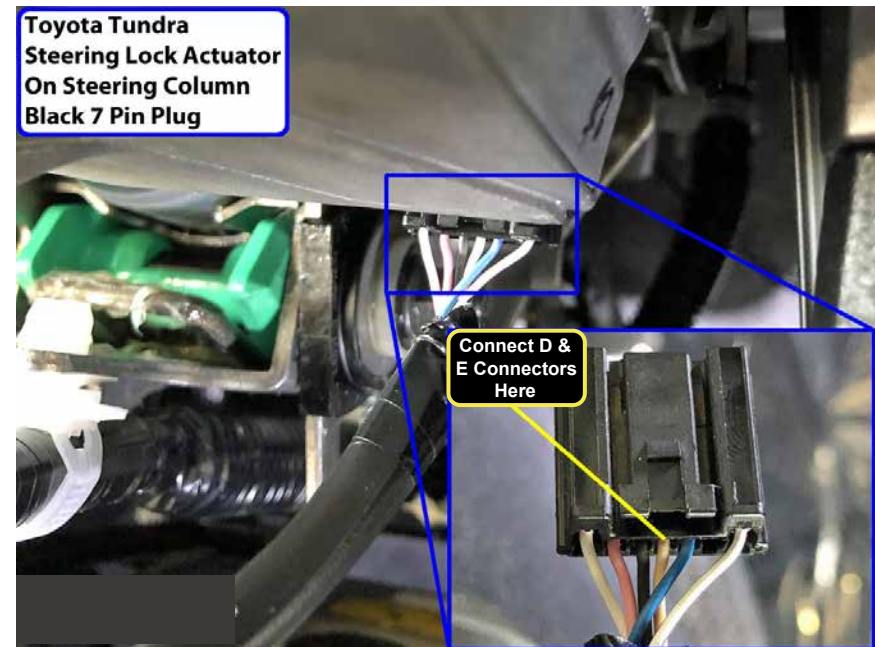
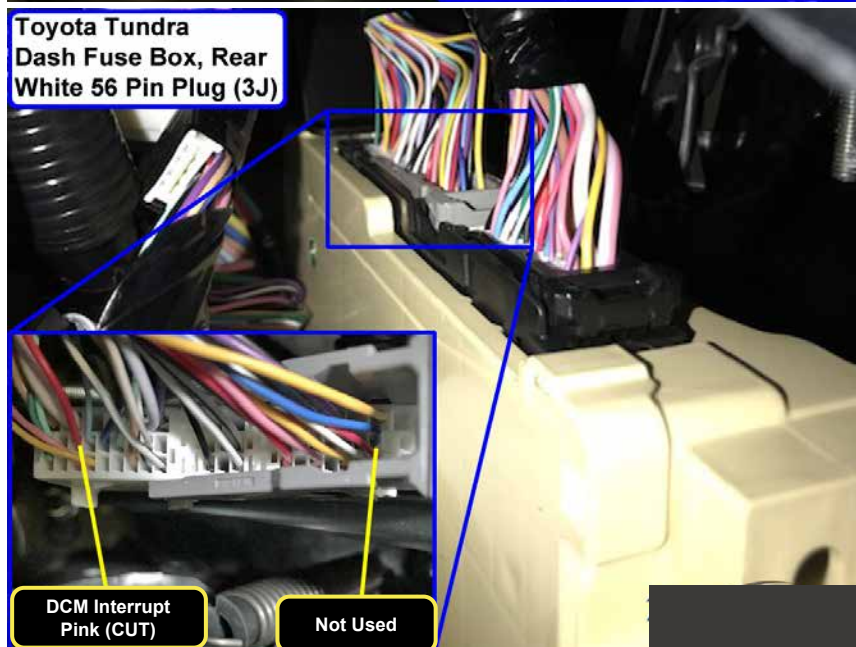
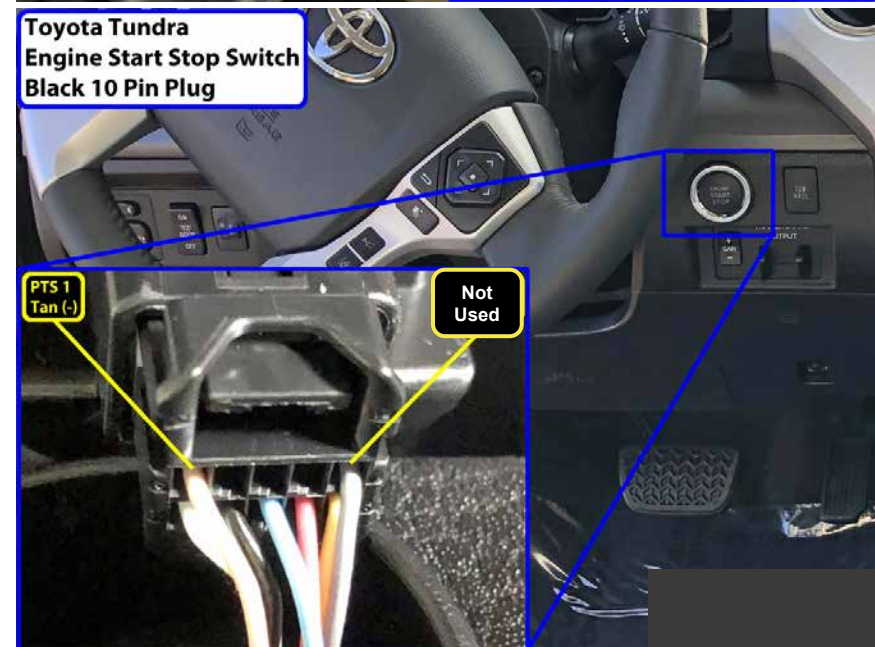
Connector/Wire Finder - Toyota Sequoia



Connector/Wire Finder - Toyota Tacoma

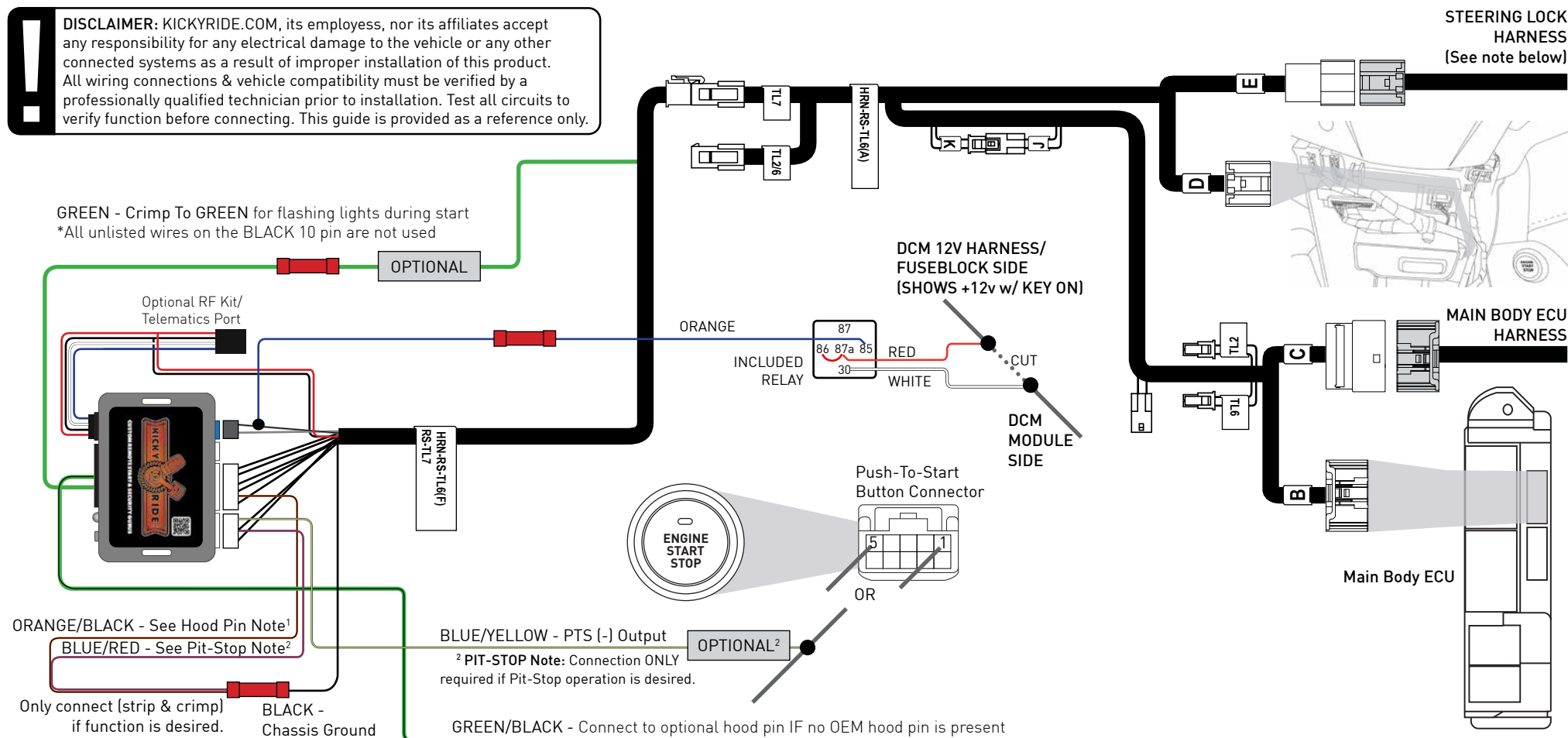


Connector/Wire Finder - Toyota Tundra



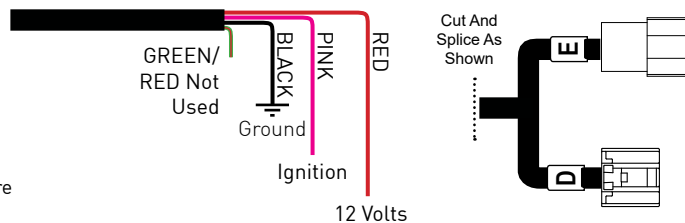
Wire Diagram

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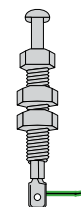


2020-2024 4Runner Without Steering Lock Connector (D & E):

Some vehicles do not have the Steering Lock module. In these applications the harness will need a small modification. Cut the Steering Lock connectors (D & E) from the harness. Splice the Red, Pink, and Black as shown (wire colors will be listed in vehicle information page). The Green/Red will not be used, be sure this wire is isolated.



¹ HOOD PIN Note: If vehicle is NOT equipped with a factory hood pin connect GREEN/BLACK wire to installed hood pin and connect ORANGE/BLACK wire to Ground.

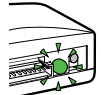


Module To Vehicle Programming - Key Learning

- 1 OFF ACC **ON** START
▲
- Push the start button twice (2x) to the ON position.



- 2
- Wait, if LED turns solid GREEN for 2 seconds, proceed to step 7.

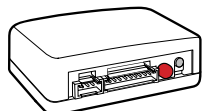


If LED flashes GREEN rapidly, proceed to step 3

- 3 OFF ACC **ON** START
▲
- Push the start button once (1x) to the OFF position.



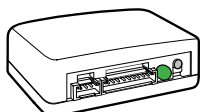
- 4
- Wait, LED will turn solid RED.
(This may take up to 5 minutes)



- 5 OFF ACC **ON** START
▲
- Push the start button twice (2x) to the ON position.



- 6
- Wait, LED will turn solid GREEN for 2 seconds.



- 7 OFF ACC **ON** START
▲
- Push the start button once (1x) to the OFF position.

**Test Your Remote Start:**

- Take all factory keys/fobs out of the vehicle
- Close all doors, hood, tailgate
- Step back about 20 feet with all/any factory fobs
- Press LOCK, LOCK, LOCK on your fob within 5 seconds

The vehicle should start. If not:

- Double check your connections & make sure no connector pins were misaligned/bent when plugged in
- Make sure the activation method is set correctly (visit link below for option programming guide & video).
- Otherwise, the system may flash the hazards several times indicating an error code. See 'Troubleshooting' on the next page...

IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT SUPPORT:

Voice / SMS-Text: 706-395-5425

10AM-5PM Mon-Fri Eastern

Email: support@kickyride.com

To get started, Be sure to include your order number when contacting us.

Valet Mode

>>  NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional. See RF kit user manual for alternate valet mode programming.

01  Time restriction. Complete next step within 7 seconds.

02  Cycle ignition ON five times [5x OFF/ON] rapidly.

03  Wait, LED 1 will turn solid RED for 2 seconds.

04  Set ignition to OFF position.

05  Valet Mode Programming Procedure completed.

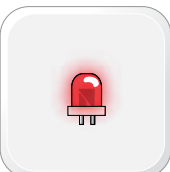
>>  To exit valet mode: repeat steps 1 to 5.

Programming Optional Long Range Remotes - SOLD SEPARATELY

>>  WARNING: Program aftermarket remotes before usage. A maximum of four [4x] aftermarket remotes per system.

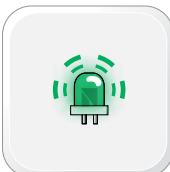
01  Time restriction. Complete next step within 7 seconds.

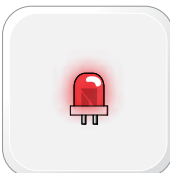
02  Cycle ignition ON five times [5x OFF/ON] rapidly.

03  LED 1 will turn solid RED.

04  Time restriction. Complete next step within 2 seconds from previous step.

05  Press once [1x] on LOCK button of aftermarket remote.

06  LED 1 will flash GREEN once [1x].

07  LED 1 will turn solid RED.

>>  To program additional remotes: repeat steps 4 to 7 using each additional remote.

08  Wait, LED 1 will turn OFF.

09  Set ignition to OFF position.

10  Aftermarket Remote Programming Procedure completed.



Programmable Options (see procedure on next page)

MODULE NAVIGATION CHART: NOTES	[X] MENUS	[Y] OPTIONS	[Z] SETTINGS
I Default settings are listed in bold. II Make sure the option is covered on the vehicle before attempting to change the setting.	01	CONFIGURATION	01 DISARM/UNLOCK BEFORE START
			02 RELOCK AFTER START
			03 RELOCK AFTER SHUTDOWN
			04 FORCE UNLOCK ALL ON FIRST PRESS
			05 N/A
			06 N/A
			07 FACTORY KEYLESS RS SEQUENCE
			08 MODULE RUN TIME
			09 WAIT TO START DELAY
			10-12 N/A
			01 N/A
			01 N/A
			01 OFF
			02 ON
			01 OFF
			02 ON
			01 OFF
			02 ON
			01 OFF
			02 ON
			01 N/A
			01 N/A
			01 DISABLE
			02 N/A
			03 LOCK + UNLOCK + LOCK
			04 LOCK + LOCK + LOCK
			01 03 MIN
			02 05 MIN
			03 10 MIN
			04 15 MIN
			05 25 MIN
			06 30 MIN
			07 35 MIN
			08 15 MIN
			01 02 SEC
			02 05 SEC
			03 08 SEC
			04 10 SEC
			05 15 SEC
			06 20 SEC
			07 25 SEC
			08 30 SEC
			01 N/A
			01 N/A
	02-07	Technical Support only	01 N/A

*Vehicle will shutdown when a door is opened.

Programming Options Procedure

>>



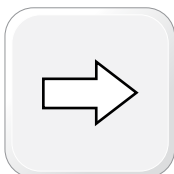
It is mandatory to exit the Module Navigation at the end of this procedure. Failure to exit the Module Navigation will drain vehicle battery. To exit the Module Navigation at any time: Follow STEP 13.

>>



Module must be programmed to the vehicle.

>>



Use the Module Navigation Chart on the next page.

01



Set ignition to OFF position.

02



TO ACCESS THE MENUS: Press and hold programming button until LED 1 turns solid GREEN.

03



IN THE MENUS: Press the programming button as many times as the menu number indicates. LED 1 will flash GREEN an equal amount of times continuously.

04



TO ACCESS THE OPTIONS: Press and hold programming button until LED 1 turns solid RED.

05



IN THE OPTIONS: Press the programming button as many times as the option number indicates. LED 1 will flash RED an equal amount of times continuously.

06



TO ACCESS THE SETTINGS: Press and hold programming button until LED 1 turns solid GREEN.

07



LED 1 will flash GREEN as many times as the current (or default) setting number, continuously.

08



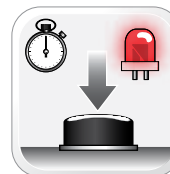
IN THE SETTINGS: Press the programming button as many times as necessary to access your setting. LED 1 will flash GREEN an equal amount of times continuously.

09



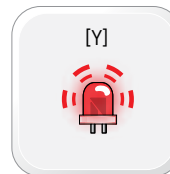
To return to the MENUS: exit the Module Navigation and redo the Module Navigation Procedure.

10



To save and return to the OPTIONS: Press and hold programming button until LED 1 turns solid RED.

11



LED 1 will flash RED as many times as the current option number continuously.

12



Configure every other setting and proceed to step 13.

13



MANDATORY: EXIT MODULE NAVIGATION. Press and hold programming button for 7 seconds. LED 1 will flash RED rapidly. Release programming button. LED 1 will turn OFF.

14



Module navigation completed.

>>



Failure to exit the Module Navigation will drain vehicle battery.

Remote Start Error Codes

This system communicates with your vehicle and requests for the engine to start. The actual starting process is controlled by the vehicle and, by design, it has certain conditions that must be met. Below is a list of conditions that can prevent remote start:

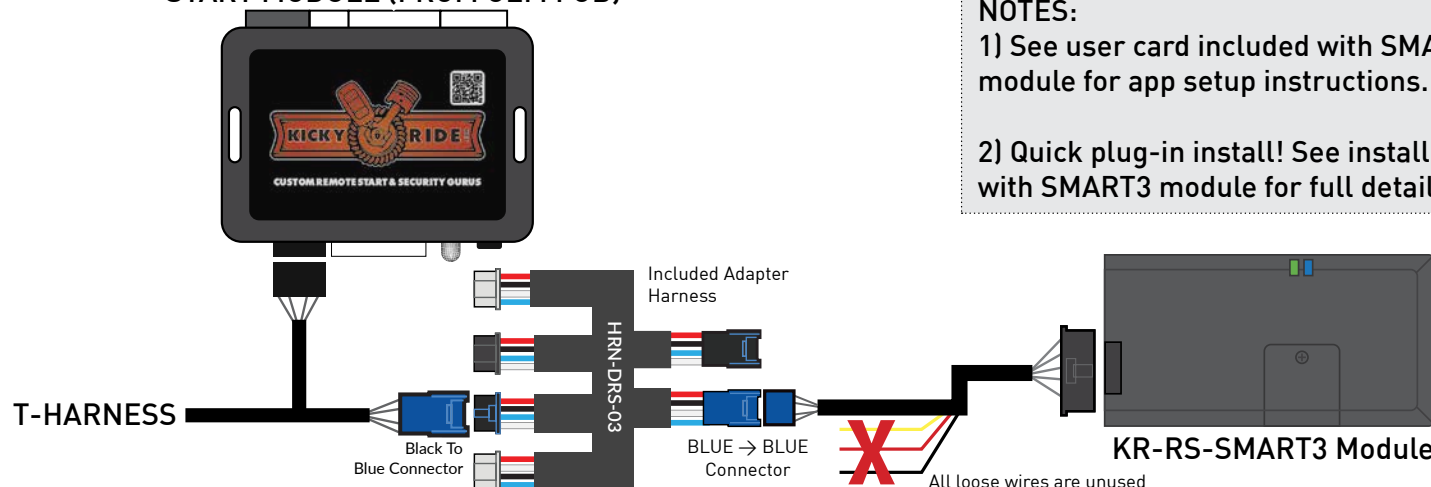
NOTE: When an error occurs, the hazard lights may flash to indicate the specific problem.

NOTE: Some vehicles require the hazards to be wired separately. In this case, simply check for any of the below conditions. Otherwise, contact support.

LIGHT FLASHES	DIAGNOSTIC
3 + 1	Tach is not programmed OR engine is already running.
3 + 2	Key is in ignition ON position.
3 + 3	Door is open.
3 + 4	Trunk is open.
3 + 5	Foot brake is ON.
3 + 6	Hood is open.
3 + 7	N/A
3 + 8	Vehicle failed to remote start.
3 + 9	Vehicle movement detected (VSS).
3 + 10	System is in Valet Mode.
3 + 11	CAN communication failure
3 + 12	RS not synchronized. Start vehicle with OEM key for 15 sec before trying a new RS sequence.

Adding Smartphone Control - SOLD SEPARATELY

INSTALLED & WORKING REMOTE START MODULE (FROM OEM FOB)



NOTES:

- 1) See user card included with SMART3 module for app setup instructions.
- 2) Quick plug-in install! See install guide with SMART3 module for full details.

Scan the code to learn how affordable unlimited range & GPS tracking is using our Smartphone app!

On PC? Click this box to visit: <https://kickyri.de/krrssmart3>

