Installation Guide

2007-2018 Jeep Wrangler JK/JKU

KLEINN SKU # RSJK

Jeep												
Wrangler	07	08	09	10	11	12	13	14	15	16	17	18

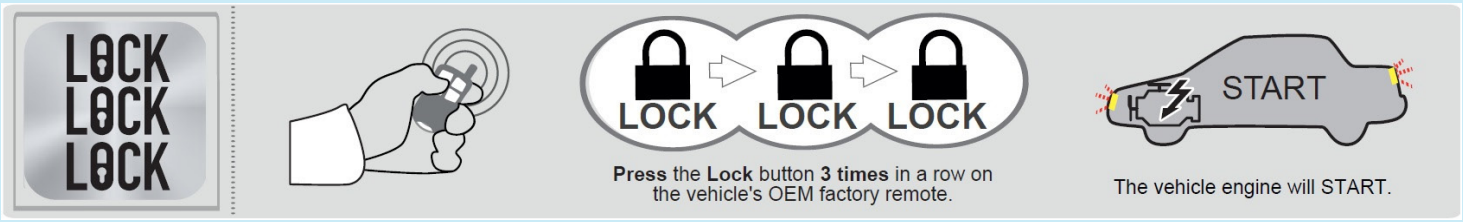
* For automatic transmission vehicles only

Introduction:

- **This is a pre-wired plug and play kit and all the required connections have been made within the harness.**
- **We have already loaded the correct firmware into the remote start module. You will need to pair the module to your key when the installation is complete. Instructions begin on page 5.**
- **This remote start will monitor the vehicle lock circuit and use the pulses generated by pressing lock 3 times on your OEM remote to start the vehicle. (If not equipped with keyless entry add the RFKIT1 Upgrade kit)**

Activation:

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 Module Pre-Flashed (74.XX/D1,D1.6,D1.10,D2,H2)
- THAR-CHR5 - T-Harness (Newer models do NOT have the toggle switch on the harness)

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.

- **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.**



Installation Video:

Use this video for reference on location and as an overview while following the install guide. Please give it a like.

https://www.youtube.com/watch?v=V7Wc7NkzA2I&t=235s

Overview

There are 5 basic steps to this remote start installation. We're going to address each of these:

1. Prepare the vehicle.
2. Make the T-harness connection.
3. Program the remote start to the vehicle.
4. Test the system
5. Finish up!

Where Everything Goes

Remote Start Module – the wiring for the module is done under the dash on the driver's side, so you'll want to install the module in that general area. Before you start wiring, look for a location where there's some open space that will fit the module. Pay attention to moving parts like the pedals, e-brake and steering column. Be sure to route your wiring away from those areas.

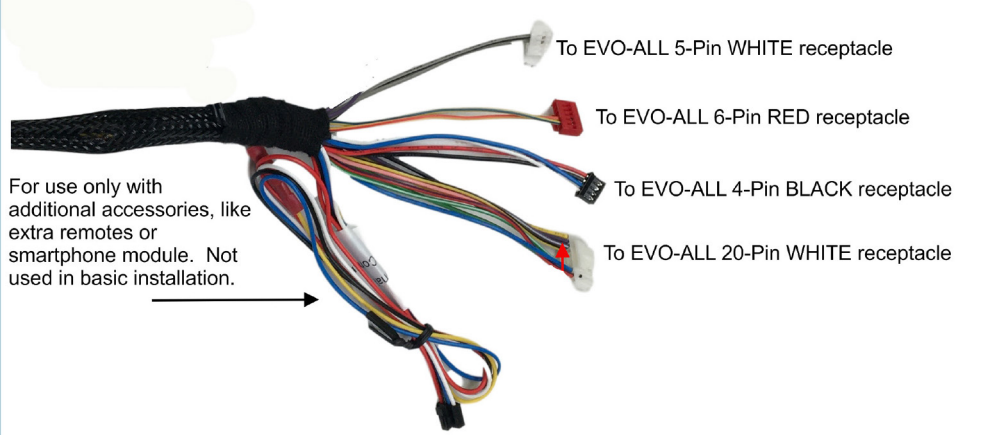
STEP 1: Prepare the Vehicle

Begin by removing the plastic shroud below the steering wheel and then the plastic around the steering wheel column. Remove the three screws and loosen the tilt lever and pull lower plastic panel down. Be careful not to break the panel –especially in cold weather.

Step 2: Make the Connections

- **There is ONE 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.**

The T-Harness will have some plugs on the other end. This is image shows what you do with them:



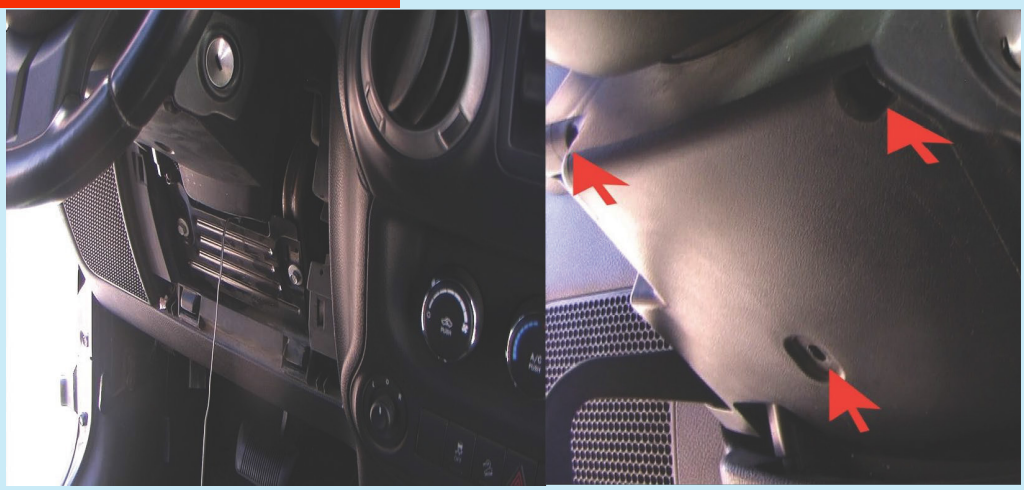




DO NOT plug any of the connectors into the EVO-ALL module until the programming procedure is ready to be performed.
(Programming steps found further below in tipsheet)

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

2016 + Models Disassembly Tips

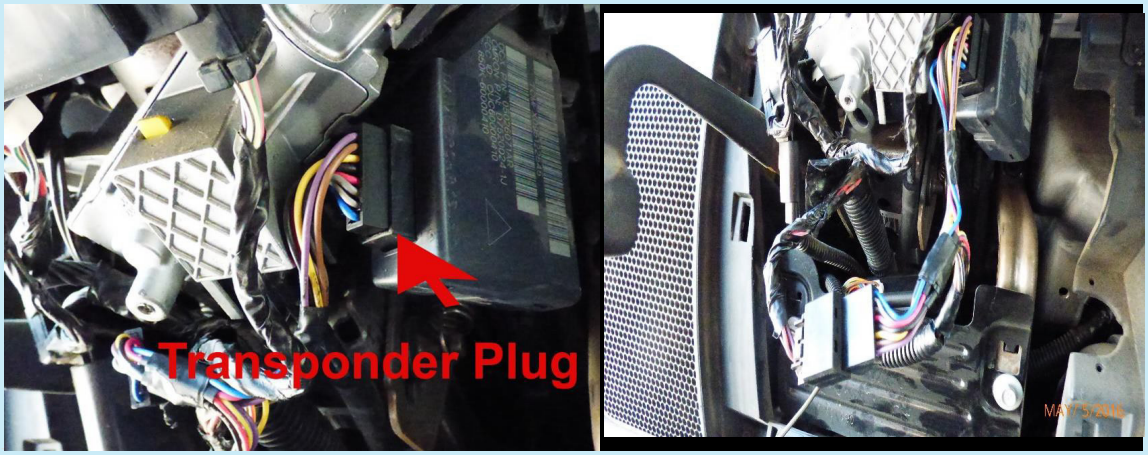


Production Change Mid 2016:

Some 2016 and all 2017 models have a lip that goes under the steering wheel. You must push the panel forward to remove it. Use a plastic scraper or pry tool to wedge inbetween the steering wheel and the steering wheel cover to get the lip around the corner so you can pull it down and remove it without removing the steering wheel. See below.

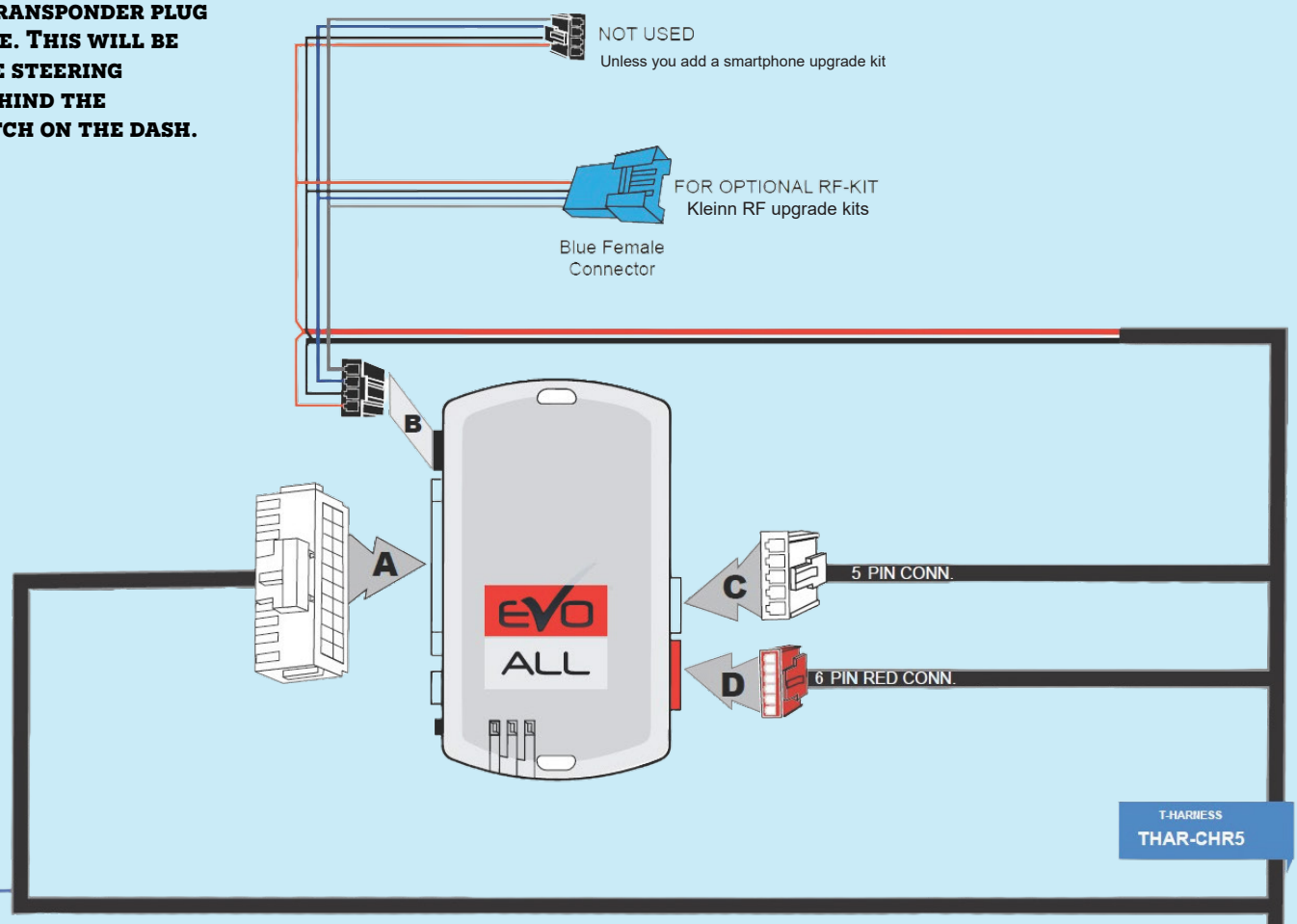


Locate the immobilizer connector at the bottom of the key cylinder (see pictures below). Carefully disconnect the connector and insert the male plug from the T-harness in its place. Then plug the vehicle immobilizer connector in to the T-harness female connector. **Caution: Be careful when disconnecting the harness from the immobilizer connector in the vehicle. It is very fragile and will break if too much force is used. Kleinn is not responsible for any damage caused by improper removal of the connector.**

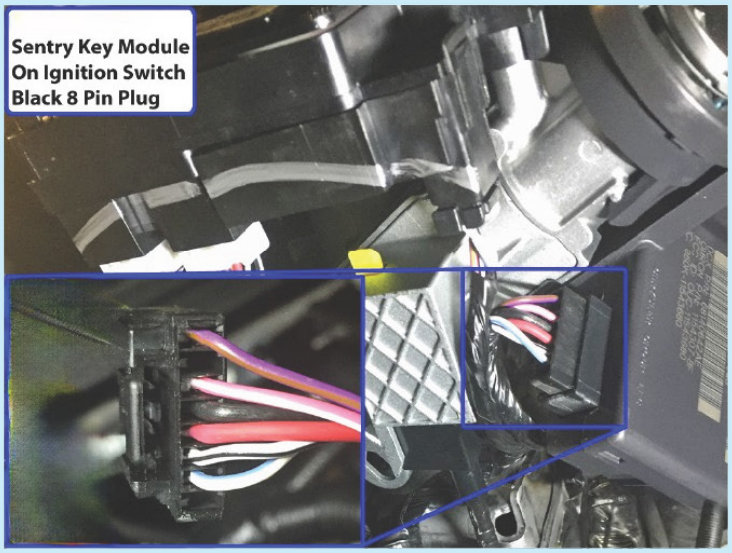


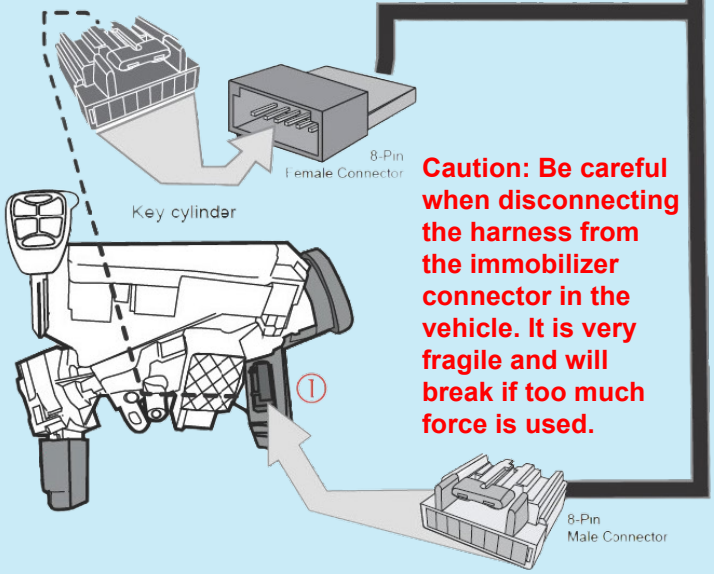
System Wiring Diagram

LOCATE THE TRANSPONDER PLUG IN THE VEHICLE. THIS WILL BE EITHER ON THE STEERING COLUMN OR BEHIND THE IGNITION SWITCH ON THE DASH.

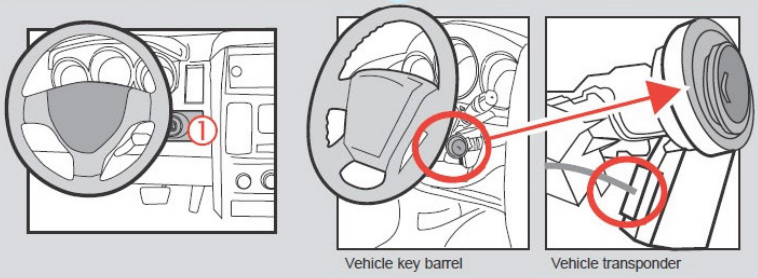


DK BLUE WIRE NOT USED





Caution: Be careful when disconnecting the harness from the immobilizer connector in the vehicle. It is very fragile and will break if too much force is used.



① Vehicle transponder connector
Back view

CAUTION
TAKE CARE WHEN DISCONNECTING THE HARNESS FROM THE IGNITION BARREL. IT IS VERY FRAGILE AND CAN EASILY BREAK.

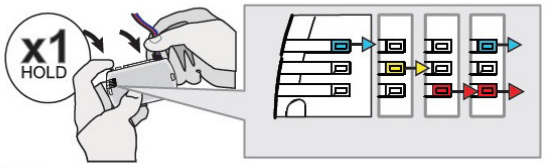
STEP 3: Programming

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.



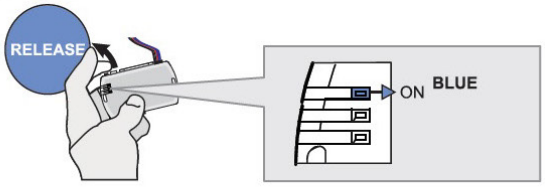
1



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

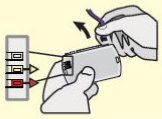
↳*The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.*

2

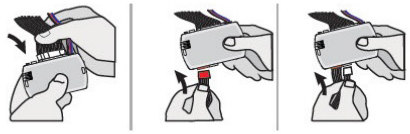


Release the programming button when the LED is BLUE.

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

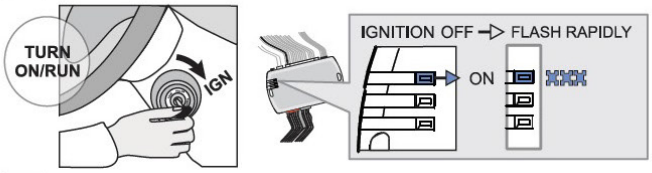


3



Insert the required remaining connectors.

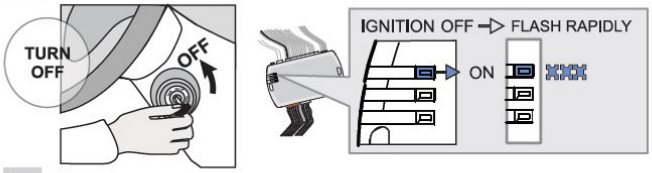
4



Turn the key to the Ignition ON/RUN position.

↳*The BLUE LED will flash rapidly.*

5



Turn the key to the OFF position.

↳*The BLUE LED will flash rapidly.*

6

With OEM remote



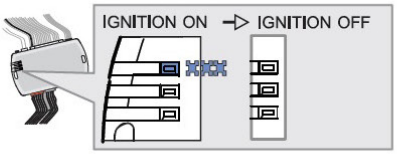
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.

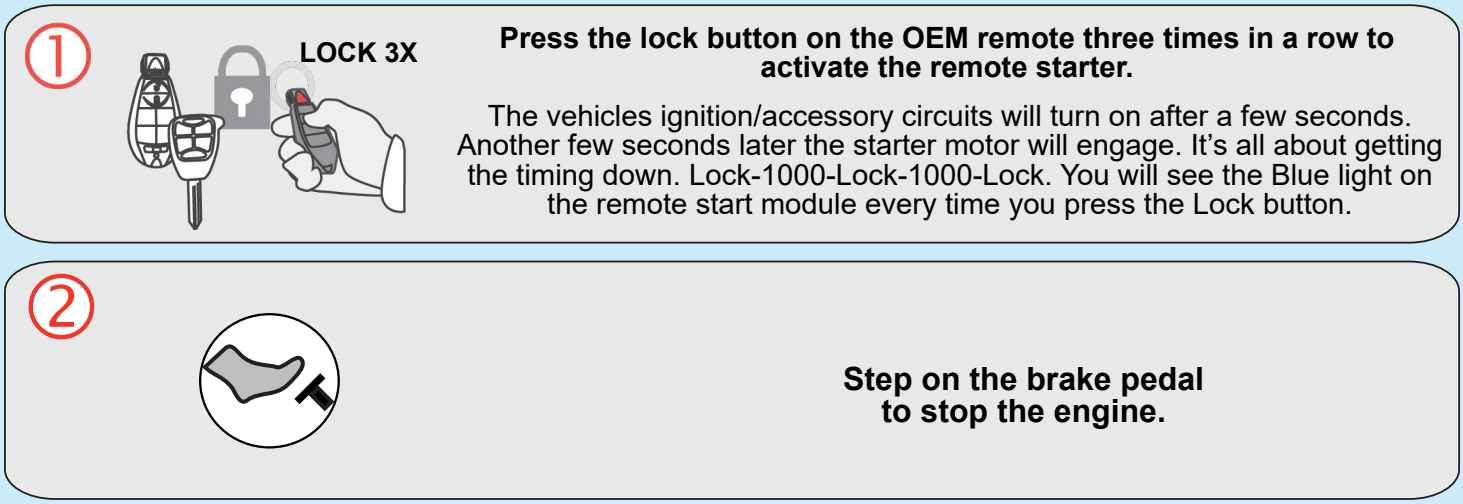


↳*The BLUE LED will turn off.*

Step 4: Testing the system.

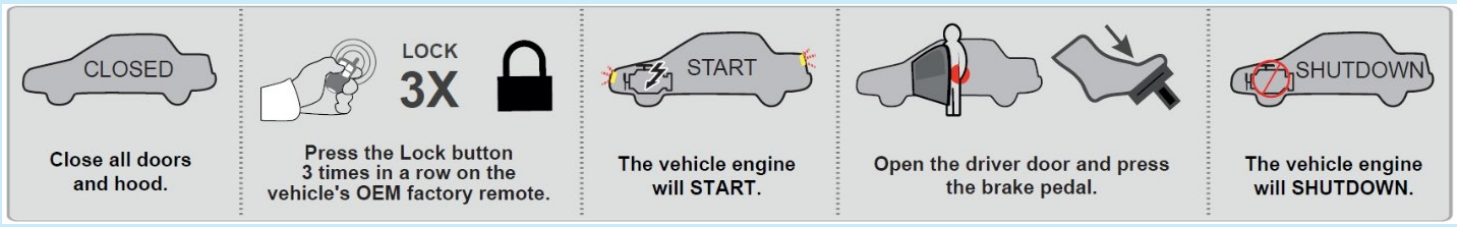
Once all wiring and programming are done, you should test the system to make sure everything is working properly before you close up the installation.

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, then 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 5: 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, you can create a support ticket for help at:

install.kleinn.com/support

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