

2010-2013 RANGE ROVER SPORT & LAND ROVER LR4

REMOTE STARTER INSTALLATION INSTRUCTIONS

During your first installation of this product, you will benefit from these complete instructions. After performing two or three, you should only need the Wire Connections Page.

The entire installation is inside the vehicle, on the passenger side.

- This system is like others that do require installing a Key Fob. Please read the page on why a customer *DOES NOT HAVE* to order a 3RD one.
- When installing the Key Fob, it is hidden in the vehicle; a recommendation is to let the customer know the location. We have found that customers like to have access to it. The Key Fob is limited from starting the engine because the battery is removed and will only function during Remote Start.
- Then advise them to hide the battery and parts elsewhere in the vehicle, so they can regain the use of the spare Fob in an emergency.

Pry up the front of the sill plate. It does not have to be removed:



Pull back the felt weather-strip from the A-Pillar:



Pry off the trim piece, held by one snap in the middle:



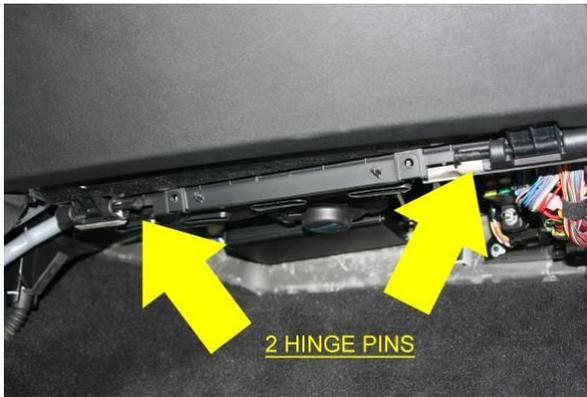
Pry off the passenger kick panel:



Remove the plastic panel under the dash. Unplug the light:



Push the 2 plastic hinge pins towards the center and then remove the glove compartment:



The trickiest part of the installation is removing Central Junction Box (CJB), which is the fuse block behind the glove compartment. But when removed, you will have access to all the necessary wires.

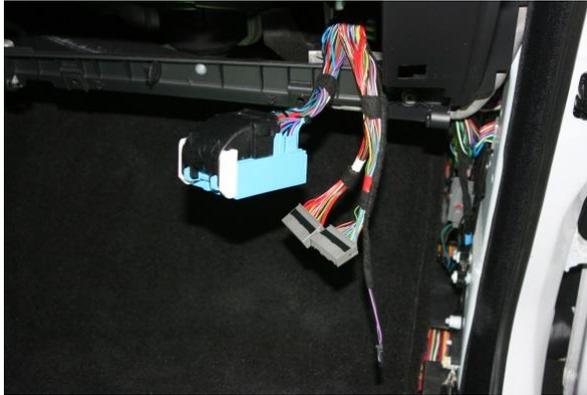
Disconnect the large Blue, Orange and Green connectors on the front. They are removed by releasing the Black CAM Lock. After removal, close the CAM Lock so the connectors can be maneuvered out of the way:



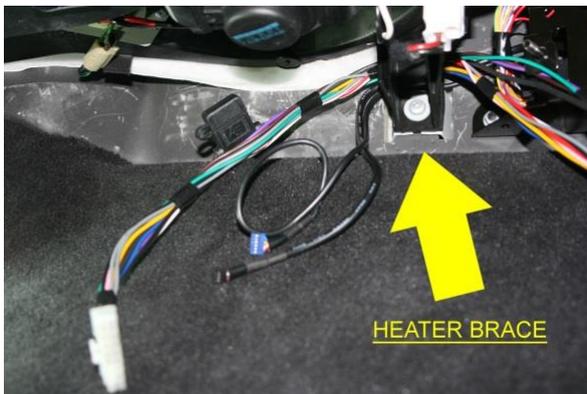
Disconnect the 2 Grey Connectors from the bottom of the CJB. Remove the 2 10mm nuts. While pulling the CJB partially out, reach up behind and unplug both connectors held by CAM Locks. They are also Green and Orange, but smaller:



The large Blue Connector and 2 Grey Connectors can be pulled through the glove compartment opening for easier access. Maneuver the CJB out of the dash:

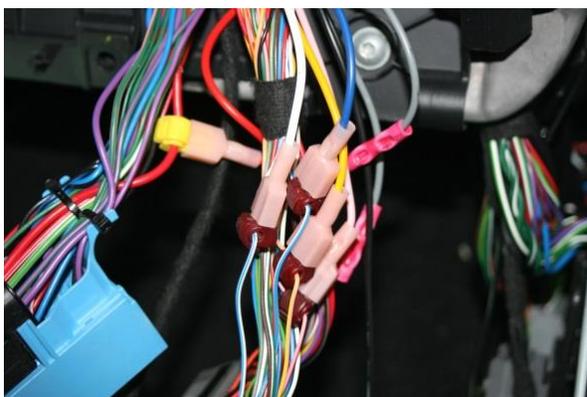


Install the antenna to the right of the mirror and route the wire down the passenger A-pillar to the underside of the dash. Pass the 16-Pin, Antenna and Drone Cable (if used) over the heater brace. Run the 3 wires for the rear of the CJB behind the metal bracket so they will not get pinched when the CJB is reinstalled:



Connect all of the wires, as documented on the last page.

This shows the Blue and Grey Connectors:



Here are the Orange and Green connectors that you had to blindly disconnect from the back of the CJB. Again, be sure to run the 3 wires behind the black metal bracket so they do not get pinched upon reassembly:



Refer to the User's Manual for how to disassemble the Key Fob and insert the Copper Bypass. It can be hidden in the dash, or you can tuck the Key Fob behind the glove compartment, making it easily accessible for the customer:



Plug the Connectors into the Starter, then it will pressure fit between the blower motor housing and the firewall. The bottom panel will hold it in place:



WIRE CONNECTIONS:

<u>CJB Plug & Location</u>	<u>Pin #</u>	<u>Vehicle Color</u>	<u>Starter Color</u>
Large Blue	29	Heavy Red	Red
10mm Bolt - Pass. Kick		With other grounds	Black
Orange - Behind	6	Green/Purple	Purple
Make sure it is PIN 6; there are other GRN/PUR in the same connector			
Green - Behind	5	Black	Brown
Green - Behind	18	White/Green	Green
There are 2 WHT/GRN, use the one that is paired up with the WHT/RED			
Smaller Grey - Side	8	Yellow/Pink	Yellow
Smaller Grey - Side	9	Pink/Red	Pink
Smaller Grey - Side	17	Blue/White	Blue
Smaller Grey - Side	18	White/Blue	White
Larger Grey - Side	23	Red/Orange	Both Orange

THERE ARE 2 RED/ORANGE WIRES - USE THE ONE BETWEEN THE BLACK WIRE AND THE OTHER RED/ORANGE WIRE (PIN 23, NOT 24)
CUT THE RED/ORANGE WIRE AND CONNECT THE **Orange** WIRES TO THE CUT ENDS (DOES NOT MATTER WHICH GOES TO WHICH)

Test the system. No programming is required.

Technical Questions: 603-481-7000 or 800-717-7505

If you get voicemail, please DO leave a message, we DO call back as SOON as possible, even late and weekends.

Replacing a Remote Transmitter: If you are familiar with CompuStar programming, this uses the same procedure. Cycle the Ignition 5 Times within 7 Seconds, relays will click in the unit, then press the button on the new remote. **However**, with this unit, an actual ignition wire does not exist.

To program: Access the Starter Unit, locate the small black "Programming Button" next to the main 16-Pin Molex connector. Press it 5 Times, as if it was the ignition.