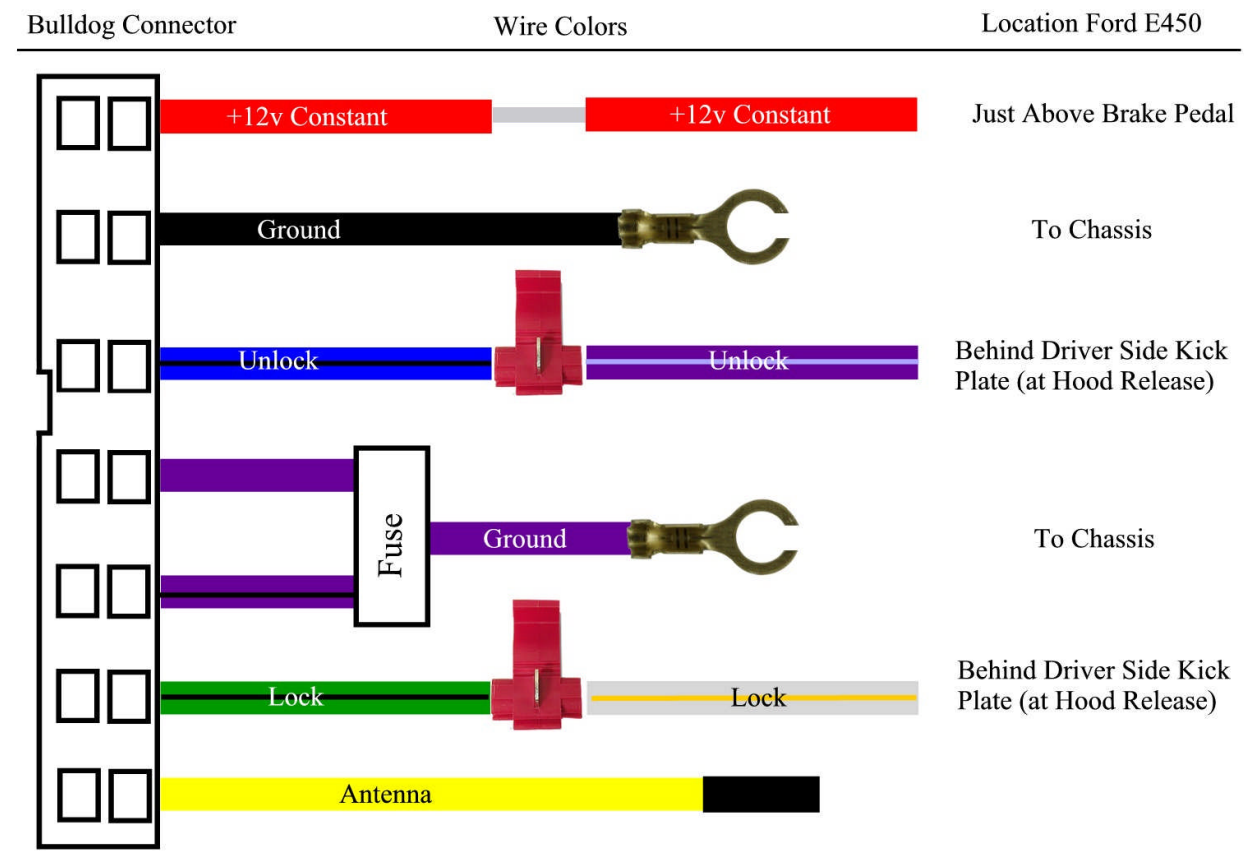
Wiring Instructions for 2009 & Newer Ford E450 Chassis

Warning : Read the Bulldog Security supplied Owner's Manual First before using these instructions. These instructions are only intended to help you locate the correct wiring for your 2009 – 2011 Ford E450 Chassis.

Wiring Code for 2009 and Newer Ford E450 with Power Door Locks



Note: You will only need to use the 7 wires shown above on the 14 pin connector to remotely lock / unlock the doors. If you do not plan to use the starter immobilizer or the optional parking light notification & trunk release, cut away all other wires at this time.

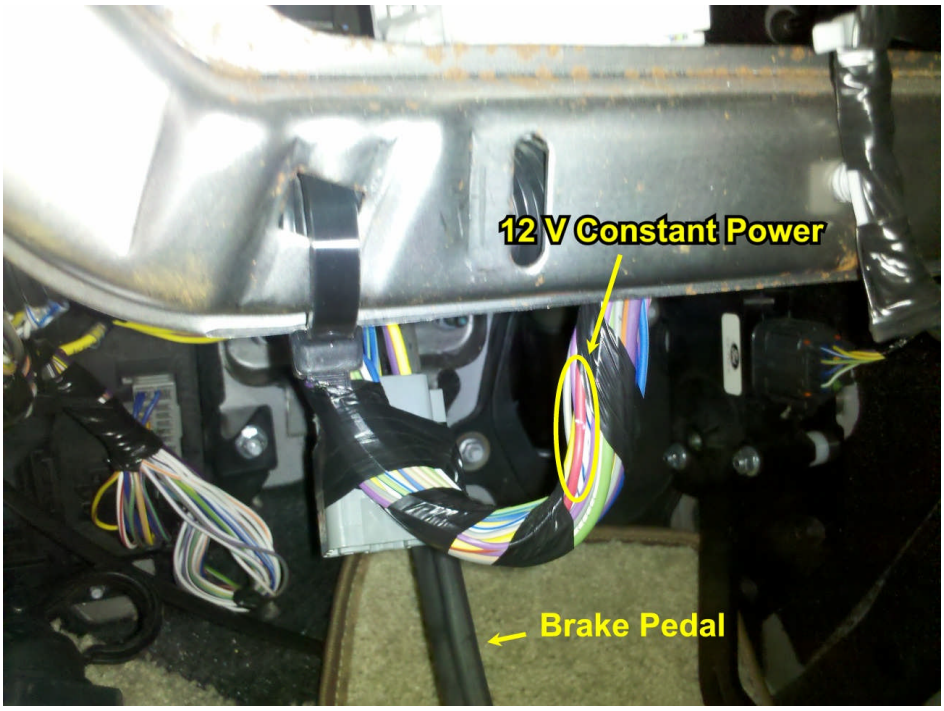
Location #1 = Lower Dash Cover

Location #2 = Driver Side Kick Plate Cover & Door Lock Connector

Location #3 = 12 V + Constant Power

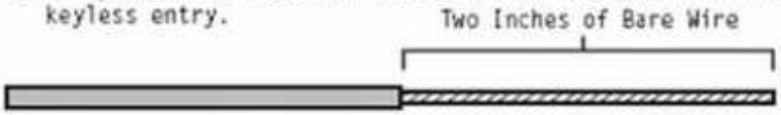
Step 1 Remove lower dash cover. This cover is held in place with 4 push clips along the top and 2 along the bottom (no screws) so you will begin by carefully pulling from the bottom of the panel and then the top as each clip gives way.

Step 2 Locate the wire bundle just above the brake pedal. There is a red 12 V + constant power wire located here. Follow the instructions below on making the 12 V power connection to the red wire in the 14 pin connector. Note: Do not connect the main module to the 14 pin connector at this time.

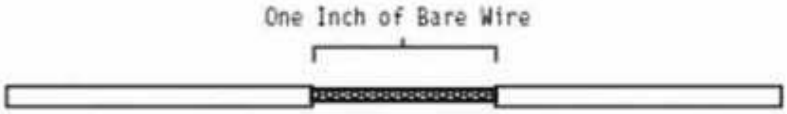


Making 12 v Power Connection

1. Strip back two inches of insulation on the wire from the keyless entry.

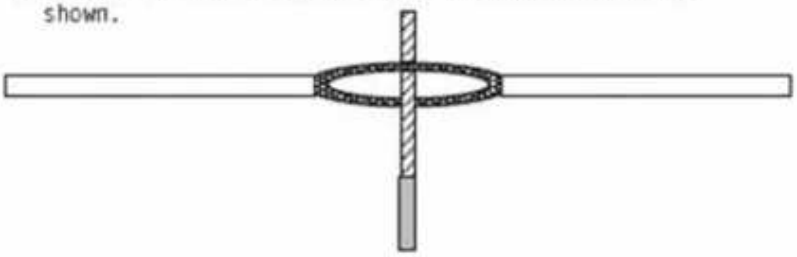


2. Strip back one inch of insulation on the wire you need to connect to.

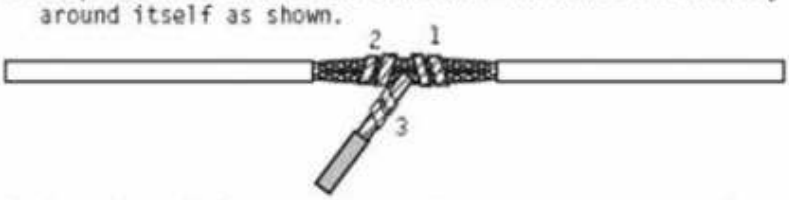


3. Separate the vehicle wire as shown. Make the separation large enough to fit the other wire through.

4. Insert the wire from the unit through the hole as shown.



5. Wrap the wire around one side then the other and finally around itself as shown.

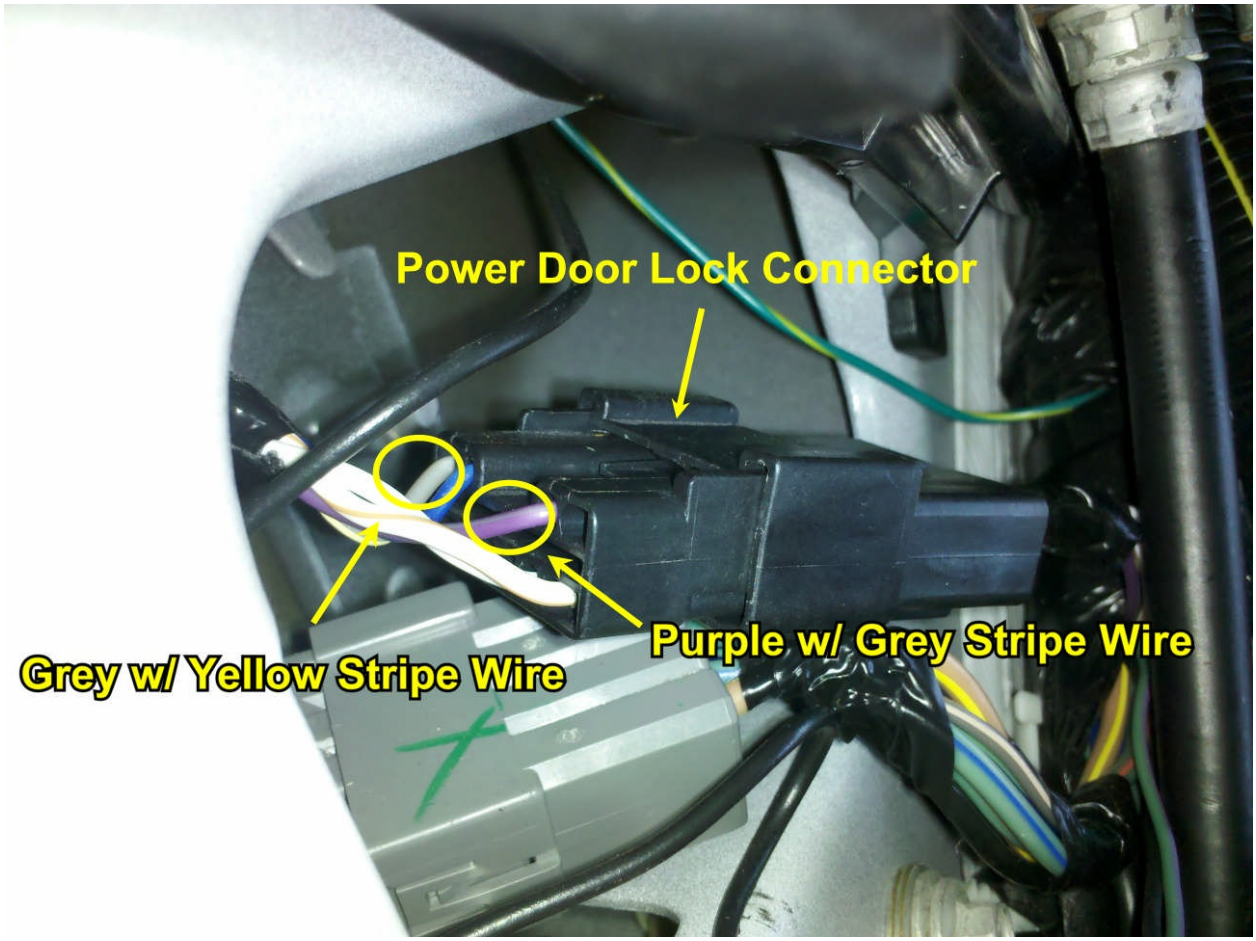


6. Use electrical tape to wrap. Be sure to cover the wire about two inches on either side of the connection. First pull the wire that you have just connected along side the wire you connected to, tape and wire tie them together. Use this method for all connections.

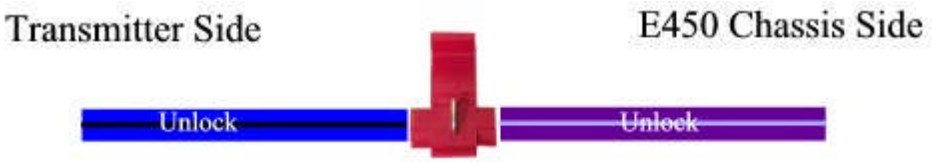
CAUTION: All wires must be wrapped and taped.

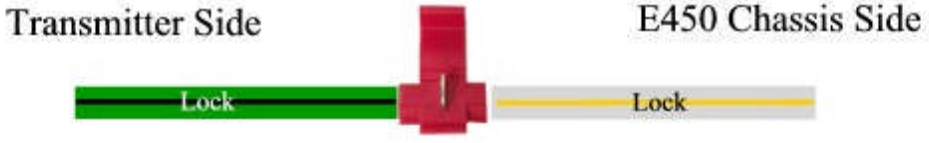
Step 3 Pry the off the small cover that is located behind the parking brake release handle which will allow the handle to pass through the kick panel cover. **(at location #2)** Next remove kick panel cover which is held in place by push clips (no screws), you may need to remove the foot well cover as well which is held in place by clips (no screws)

Step 4 Remove the parking brake release handle & bracket which is held in place with (2) 5/16" bolts to gain easier access to the driver side door lock wiring. Locate the power door lock connector which is located in the chassis opening behind the parking brake release lever and is attached to the chassis with a plastic push clip. Pry this loose and pull wires from the door side to give yourself some room to make the splice connections.



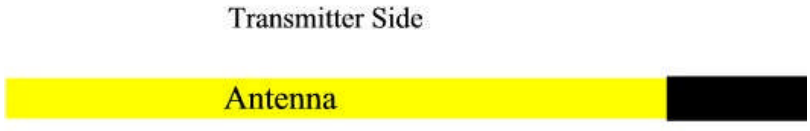
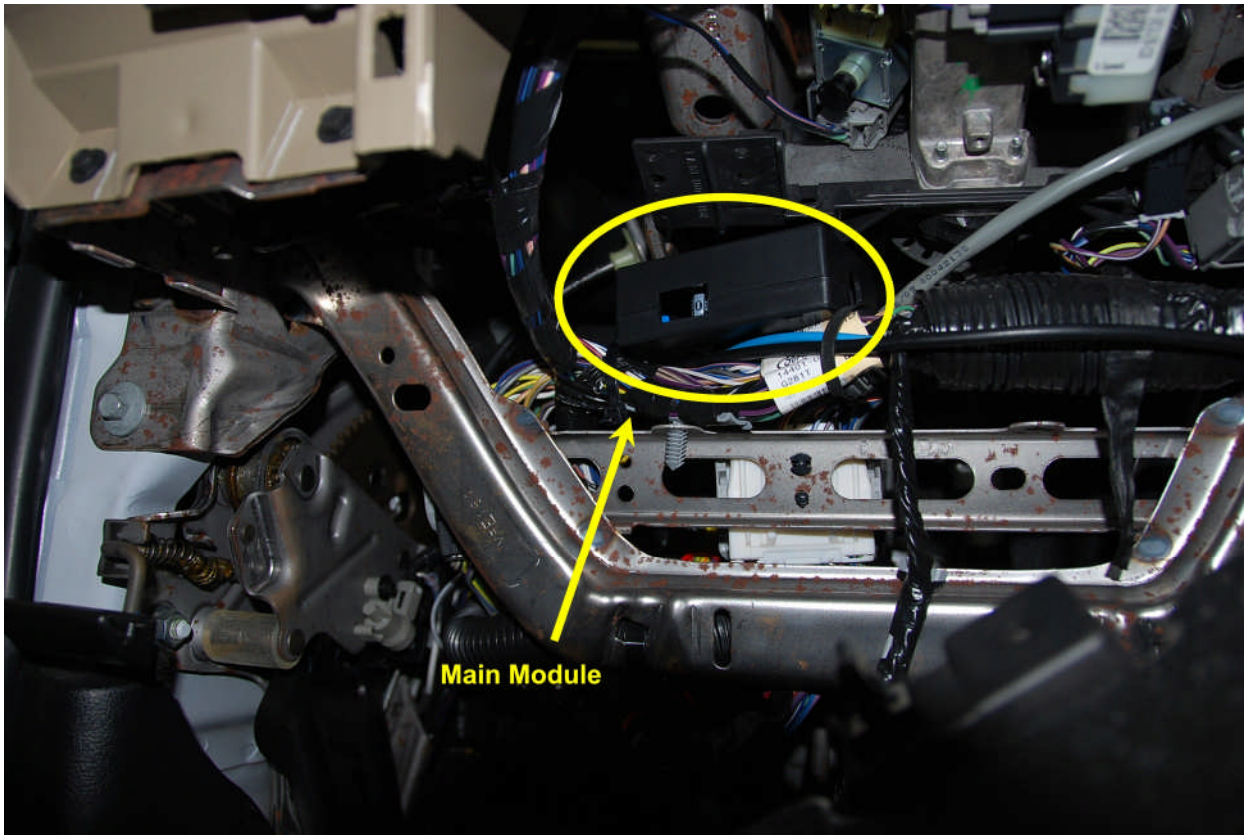
Step 5 Make your connections using the provided splice connectors per the wiring diagram. Replace the connector into its original position and insure the plastic fastener is securely holding the connector in place.





Step 6 Next you will make your 2 ground connections, you will need to add the supplied fork terminal to the purple fused wire. There are numerous chassis grounds made by the manufacturer of the chassis and the Motorhome, select a location that is most convenient to get at. Insure your grounds are fastened to the metal portion of the chassis.

Step 7 Wire tie all wires so they do not rub against any metal or interfere with the operation of the vehicle and replace parking brake bracket & release handle. Also wire tie antenna wire so it is extended out horizontally for the best reception.



Step 8 At this time connect the 14 pin connector to the main module and wire tie the module up and out of the way under the dash. Replace all panels and refer to the manual for transmitter programming.