

UCI-11C

Charger Installation



UCI Installation

TOOLS REQUIRED

Phillips head screwdriver
Plastic pry tool
Small pocket screwdriver

1. Turn the vehicle on to the "ignition" position, DO NOT START.
2. Apply the parking brake and depress the foot brake. Shift the vehicle into NUETRAL.



3. Using the small pocket screwdriver, separate the retaining ring from the shift knob and slide down.



4. Take the small pocket screw driver and remove the retaining clip holding the shift knob in place. Pull the knob straight up.



5. Remove the rubber insert in the front storage bin.
6. Gently pry up on the shift plate with a plastic pry tool. Once lifted, disconnect the shifter bezel wiring harness



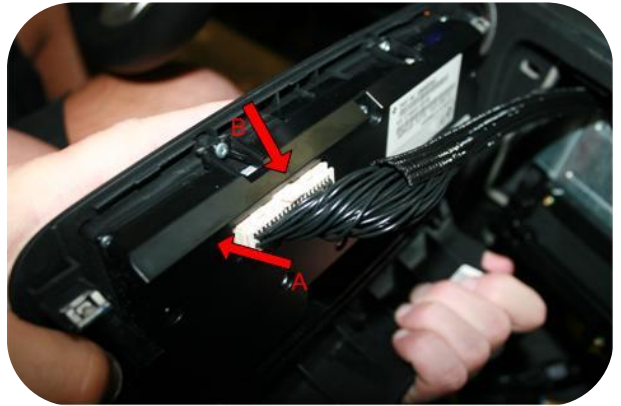
7. Remove the (2) screws holding the front storage bin in place. Gently pry out the storage bin pulling straight back. Disconnect the cigarette lighter outlet and LED light.



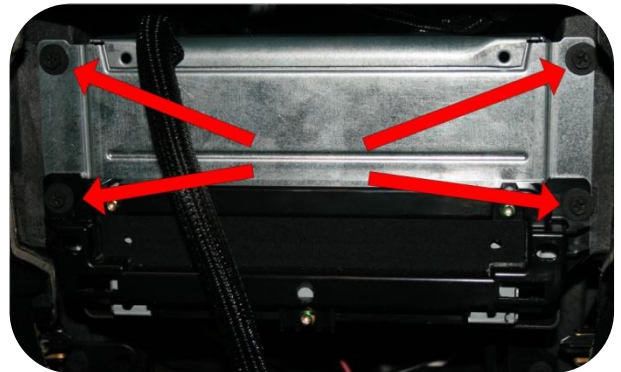
8. Using the plastic pry tool, gently pry around the HVAC/radio bezel to release the locking tabs. Pull the bezel straight out.



9. On the back of the bezel are the HVAC/Radio control wires. When removing this connector, DO NOT pull on the wires themselves. This connector is tight, so follow the steps below to remove.
- Push the connector into the bezel.
 - Depress the locking tab on the top of the connector.
 - Using a plastic pry tool, pry on either side of the connector to release from the bezel.
 - Remove the control panel and set aside.



10. Remove the (4) screws holding the radio/gateway in place. Pull out enough to access the wiring behind the radio.



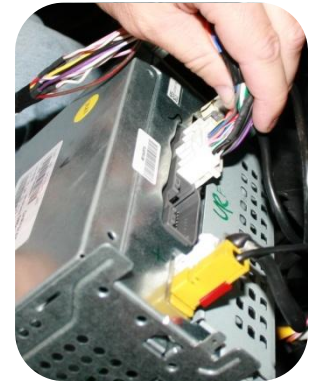
11. Disconnect the white 22 pin connector from behind the radio/gateway.



12. In the kit is a 22 pin T-harness, connect the removed harness from the radio to the female receptacle of the supplied harness. Take care not to bend any of the pins in the female receptacle when inserting.



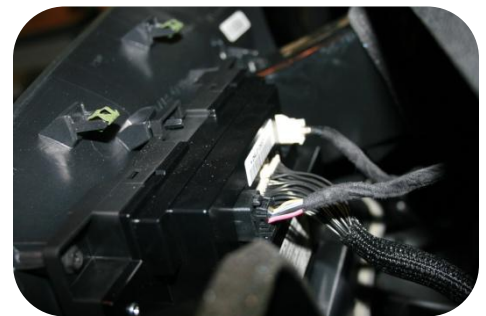
13. Plug the male plug of the T-harness into the radio where the factory connector was located.



14. Using the plastic pry tool, gently pry around the dash panel to release the locking tabs. Take extra care when releasing these tabs, they may fall from the dash panel and into the dash.



15. With the dash panel released from the dash, tilt back to gain access the wiring attached to the multi-media head. Disconnect all 3 plugs by gently pushing in on the connector; depressing the release tab and pulling straight back.



16. Take the end of the T-harness with the black 18 pin connector and route it up behind the screen cavity. There's an opening to the right of the radio cavity in which you can route the cabling.



17. Insert the 18 pin connector into the UCI-11C port labeled Radio T-Harness. (If installing the Directus navigation unit, refer to instructions on the next page before continuing to step 18)



18. The white, round 4 pin LVDS connector that was disconnected from the screen, gets inserted into the white connector on the UCI-11C module labeled "RADIO".
19. Plug the black end of the supplied LVDS cable into the black connector labeled "SCREEN" on the UCI-11C.



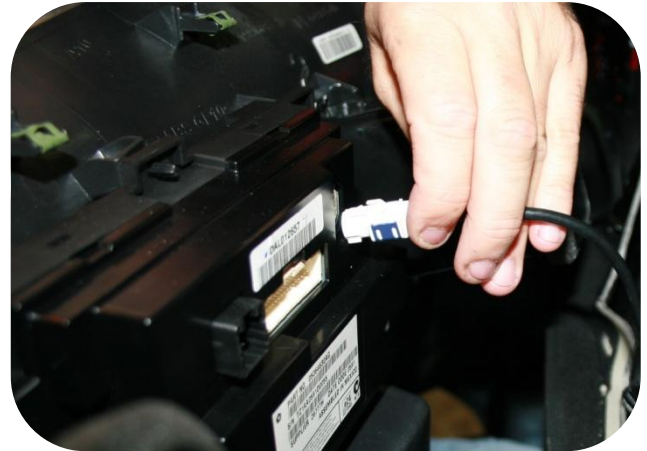
20. The supplied 8 pin Video cable is inserted into the "VIDEO IN" port of the UCI-11C. This harness has a twisted pair of wires labeled "Backup Cam". * Connect the video wires of the factory fit camera. Match them color to color. This input is only for the factory fit camera. If installing an aftermarket camera, use one of the other composite video inputs.

**If installing factory camera onto the 8.4" monitor, the camera is connected to the radio, not the UCI.*

21. In the dash cavity, there's a square opening where the cables for the multi-media screen pass through. This is where the UCI-11C module is inserted. The pressure from the AC vents and dash pad will hold the module in place. We recommend to wrap the module with foam tape to help with vibrations and rattling.



22. Insert the white end of the supplied LVDS cable into the multi-media screen. Reconnect the other 2 cables to the screen.
23. Reassemble the vehicle in reverse order of disassembly.



If Installing Directus Navigation

Once you complete step 17 of the UCI installation, continue from this point.

1. Plug in the supplied 24 pin Navigation harness into the port labeled NAVIGATION/AV.
2. Route this cable down to the driver's side under dash. Be sure to securely fasten it to existing wiring and brackets. Route away from any sharp or moving parts.
3. Using Velcro, secure to the module just below the steering column. For added stability, a large zip tie should be used to secure the module in place.
4. Plug the routed cable from the UCI into the Directus navigation unit.
 - a. Black din - RGB
 - b. Grey din – DATA
 - c. 4 pin MOLEX – DC IN
5. Included in the kit is an external speaker, it is used for turn by turn navigation or any audio output from the navigation unit. The speaker can be mounted on one of the metal rails running vertically under the steering column. It is recommended that the speaker faces the opening under the steering column for best volume.
6. Plug the speaker into the 3.5mm jack labeled SPK on the navigation.
7. The GPS antenna needs to be installed, right side up, in a location that has a clear line of sight of the sky. The antenna can be mounted on the dash, or located in the dash below the dash pad without any metal obstructions. Be sure the antenna is securely mounted with Velcro or 2 sided stick tape.
8. Connect the antenna to the jack labeled GPS ANT on the navigation unit.
9. Return to step 18 in the UCI installation instructions above.