

(Borrowed a couple of pictures from Cellguy's 20-page "brief", but mostly mine.)
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Please consult an installation professional before engaging on this install.
Notes on W209 2008 CLK550 Cabriolet Bluetooth Module Install with Factory
387 Mobile Pre Installation MTUS USA/Canada
359 Low Cost Teleaid USA

Parts Required:

Bluetooth Puck (I used B67876131 newer version of B67875878) (\$70-\$220)
Contact Plate (A2038201311) (\$120-\$130)
5A fuse (N10/2f13) (<http://www.benzworld.org/forums/5184635-post4.html>)
UHI Controller Module (A2198202626) (\$200-\$600)
Kits available through "cellguy85 on ebay): This would be equivalent to his "cheater install" (\$475)

My installation steps:

1. Remove 2 torx-8 screws in the back panel of the center console, two wires (power wire and Fraka wire tucked behind back panel).
 - a. Need to push out the "knock out" plastic clip on the top side of the back panel. This wasn't obvious to me, but you need to get a small screwdriver and push on the top tab and it just pops out.

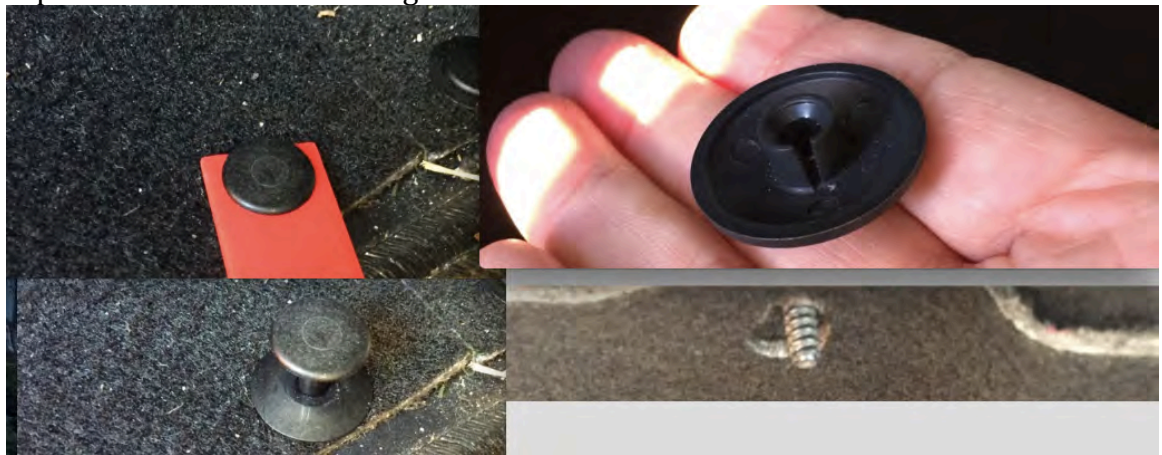


- b. Thread the connector plate leads through the cutout and connect to the two connectors. The connectors have tabs on them and they must be pushed down all the way to make contact.
 - c. Clip the contact plate by inserting the bottom of the contact plate to the bottom of the knock out hole and push the top in until it snaps into place. Don't push too hard or you can break the panel.

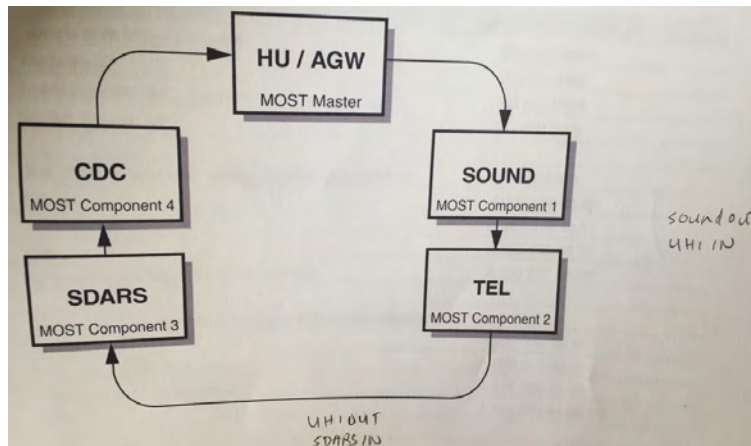
- d. Install the BT puck onto the contact plate by pushing in and then down until it seats firmly. If you don't get power after the install, then it may not be pushed down enough.



2. Removal of the rear Trunk Panels (right and left). Use a flat head screwdriver or a trim removal tool. The retainer clips have a center piece that expands the bottom part, so you need to pry the center up then remove the bottom. The large retainer clips are screw-on, so you just unscrew the caps. There are two on the right and one on the left.



3. Configure MOST Ring. The sound travels through a fiber optic ring that starts at the Comand (dashboard controller/display). The fiber optic "wires" are orange optical fibers that get routed to the left side of the trunk and black connectors connect the output of one component to the input of another. The below diagram shows my complete system including Comand, CD, Multi disk CD, Tel (UHI Controller) and NAV.



- a. The location of the fiber optic leads and their connections is in the Left Rear interior Side of the trunk:



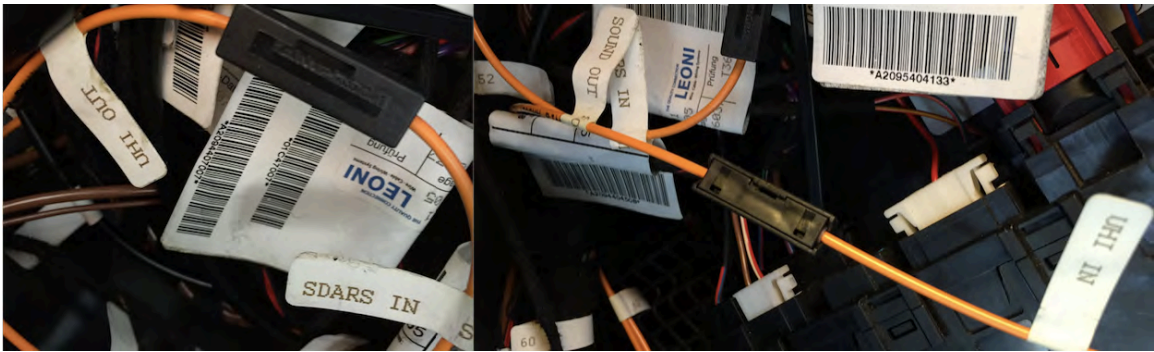
- b. The Tel module needs to be inserted between the “Sound” and the “SDARS” so that the original connection was: SDARS-IN connected to Sound-Out, and UHI-In connected to UHI-Out.



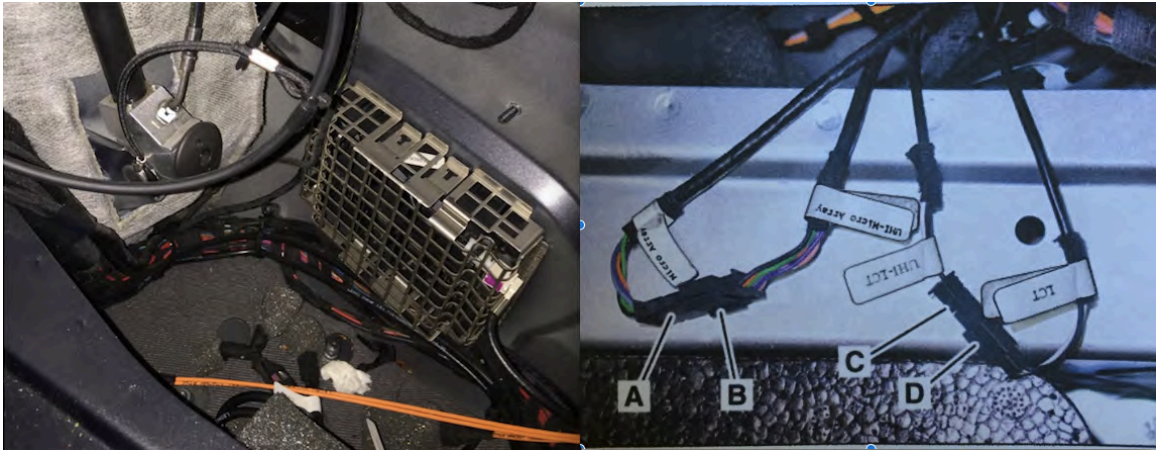
- c. The new configuration was to connect
- i. Sound-Out to UHI-In
 - ii. UHI-Out to SDARS-In
- d. To do this, you must disconnect SDARS-In from Sound-Out
- i. Pry open the out side of the black connector shell with an 1/8” screwdriver. Remove the outside (3 sided shell).



- ii. To remove the fiber from the connector is the tricky part. There is a very tiny retainer clip in the center of the connector on the side that was covered by the middle of the three-sided cover. The clip is maybe a 1/2mm wide. You need to take a tiny screwdriver and try to lift that clip a fraction of a mm just enough so that the ring around the fiber optic end cap can slip under the clip. You need to simultaneously pull very slightly the optical fiber out of the connector as you do this. Don't lift the clip too high or pull to hard or you'll break the connector or damage the fiber end cap. Doing this once makes the second time really easy.
- iii. After removing the SDARS-In from Sound-Out, Remove UHI-In from UHI-Out, reverse SDARS-In and UHI-In and snap them into the respective connectors, Replace the housings.



- 4. Configure Microphone array.
 - a. There are two connections that need to be made: The wires are in the right rear trunk. There are a bunch of wires there and the wires mentioned below may be connected to other things. I just pulled those apart and configured it like below. The connectors are quite stiff and require a bit of force to pull them apart.
 - i. 6-pin Micro Array needs to connect to 6-pin UHI-Micro Array
 - ii. 2-pin UHI-LCT needs to connect to 2-pin LCT



5. Install the two connectors into the UHI-Control Module.
 - a. There is a 2-fiber optic connector that goes into the one slot.
 - b. There is a grey latch enabled MHI-Power supply connector. You need to rotate the grey latch to the horizontal position, place the connector in the slot and rotate back to the vertical position which pulls the connector into the socket.



6. Install the 5A fuse in the N10/2 (rear left trunk panel) into slot 13



7. Check the connections, turn the car on, depress and hold the Bluetooth puck button until it blinks rapidly pair your phone according to the directions and try out the Tel buttons on the console and steering wheel. Enjoy!