

Here is part 2 of my tutorial for the conversion of my Shaker 1000 to the Kenwood DNX7100 Navigation / Head Unit. With the 7100, my new system will include the Kenwood I-pod Adapter (P.I.E. KNW/USB-AV), Sirius Satellite Radio Adapter (SIR-KEN1), USB 2.0 Desktop 4 Port Mini Hub, Lorex Waterproof Color Camera (SG4933R), and (4) replacement Pioneer TS-A6871R 6" by 8" 3-way Speakers. The factory subwoofers will stay for now, along with the factory amps. I'm using the Metra Wiring Harness (70-5521) to connect the head unit wiring harness to the factory wiring harness and the Metra Dash Mount Kit (99-5807) to mount the head unit to the dash.

I want to try my hand here at doing a "TacoBill" write up...so here it goes....

Part 2, replacing the 4 factory speakers with the Pioneer TS-A6871R 6" by 8" 3-way speakers.

I followed these online instructions to remove the door panels and access the door speakers.

http://www.silverhorseracing.com/Install_sheets/5104%20handle%20directions.pdf

I also took pictures of the removal of my door panels to maybe aid the above instructions with some more details.

I started by rolling down both windows and disconnecting the negative terminal from the battery. Carefully pry towards you from under the window switch plate assembly. This whole assembly is held in with the OEM spring clips.



The assembly comes off horizontally, so pull straight towards you to get it off.



Disconnect the plugs from the switches and remove the assembly. There's a 7mm panel machine screw that needs to be removed from behind the window switch plate assembly. You can see it in the upper right had corner of this picture.





Carefully pry off the cover behind the door handle. It comes off by going down and then out.



There's a Torx screw behind it that needs to be removed.



Pop off the door lock bezel from the bottom.



Remove the interior plastic cover next to the mirror. OEM spring clips hold this on. The cover comes off horizontally, so pull straight towards you to get it off.



Disconnect the plugs from the switches and remove the plastic cover.



Pop off the plastic cover that's inside and parallel to the door handle. There's an indentation on this cover that you can pry from. Pull the door handle towards you and you'll see the indentation behind the handle in the lower left corner. The Torx screw needs to be removed once the cover is off.



There are an additional (8) 7mm panel machine screws around the periphery (outside edge) of the door panel that need to be removed. You can't miss em'.

To separate the door panel from the door itself, I lifted the top edge of the door panel up and over the door's edge along the window.



Now the panel will pull directly away from the door. Note the tabs on the back of the door panel and the matching recessed openings on the door that must match up when the panel and door are reassembled. Disconnect the remaining electrical plugs behind the door panel and place the panel straight down on the floor with some towels under the corners to prevent any possible scratch.



Note the cable to the door handle is still attached.



Also note the door panel subwoofer nut on the back of the door panel. I'm not replacing my subwoofers, but this nut does have to come off if you are. The (8) 7mm machine screws under the snap on decorative ring around the subwoofer and from inside the door panel do not separate the subwoofer from the door panel.....just an fyi.....



The factory 6" by 8" door speaker exposed. Remove the 4 Torx screws holding it in and unplug the OEM speaker connector.



Speaker removed and OEM speaker connector unplugged.



Pioneer TS-A6871R 6" by 8" 3-way speakers installed in factory location. I ordered these speakers from Crutchfield and received free speaker wiring harnesses that plugged into the OEM connector and connected directly to the speaker's positive and negative terminals. It makes the install super easy with the harnesses from Crutchfield.



Reassemble the door panel, switch assemblies, and covers back onto the door in reverse order as disassembled; making sure to reconnect all connections as needed, and checking that the tabs that hold the door panel at the bottom of the panel are inserted properly into the door. It works best to insert the tabs first and then pull the top of the door panel back over the top edge of the door along the window. Just the opposite to when the door panel was separated from the door. When reassembly is complete, re-connect the battery and test the new speakers for sound.....enjoy....



Here's one of the rear speakers compared to the Pioneer TS-A6871R 6" by 8" 3-way speaker. Note the speaker wiring harness supplied by Crutchfield.



The rear speakers in the convertible are behind the back seat Quarter Trim Panels and easy to get to. I used my CDC Classic Light Bar installation instructions to disassemble the back seat and quarter trim panels. You can find those instructions here:

http://www.classicdesignconcepts.com/tech_center/CD4II3AB '05 Mustang Light Bar Install.doc

Here are some install pics. of the Pioneer TS-A6871R 6" by 8" 3-way speakers in the back of my convertible. The black bracket above the speakers is the mounting hardware for my CDC Classic Light Bar.



Sorry in advance for breezing over any part of the install that is unclear or un-photographed. I give a ton of credit to Taco Bill for doing these types of documents like he does; these things take a lot of time to organize and write-up. If any parts of the install are unclear, fire away with your questions and I'll check back and answer them. Hopefully the document will aid those who are on the fence and question weather or not they can install replacement speakers by themselves....if I can, you can....

hags1

Revised 6/19/07, All rights reserved.