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y2k_o__o

Enlisted Member

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33

Posts

Drives: 2003 Z4 Titanium

Silver

Join Date: Nov 2013

Location: Richmond, B.C

iTrader: (0)

E85 Aftermarket Headunit w/ Hifi non DSP Success ! (w/ pics)

I have at the same post at the other forum, and I thought it would be great to share it with all of you! Feels like my Z reborn :driving: :driving:

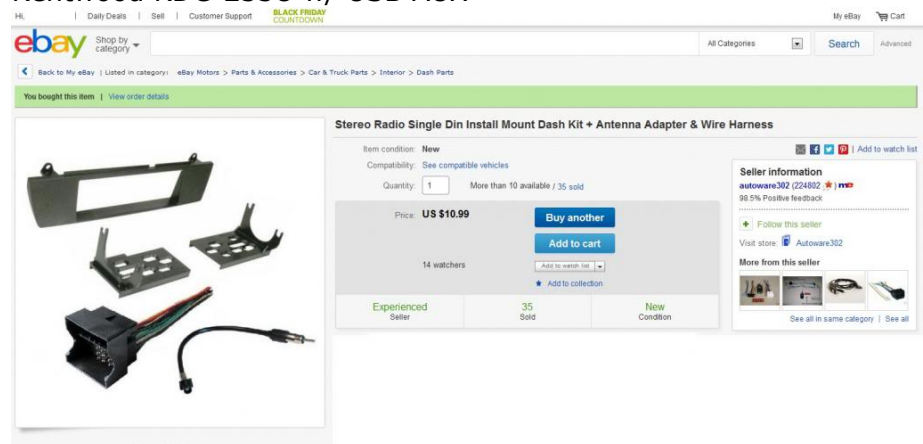
First, I would like to thank v8z4 who share all his headunit installation issues / problems with me through PM 😊

PS Edited - Moved to How to - Audio Systems.... Alan J 🙌

I own a 2003 Z4 2.5i with 10 speaker premium (non DSP) setup. The stock BMW headunit was toasted since I got the car, so I decided to replace just the HU without tossing alot of money into upgrading the amp and speaker (The stock setup is decent enough for me)

Here's the entire setup that I purchased on ebay

Scosche BW2335B Full installation kit (the seller include the antenna, mounting kit, and harness)
Kentwood KDC-255U w/ USB AUX



The entire setup cost me less than \$82 USD

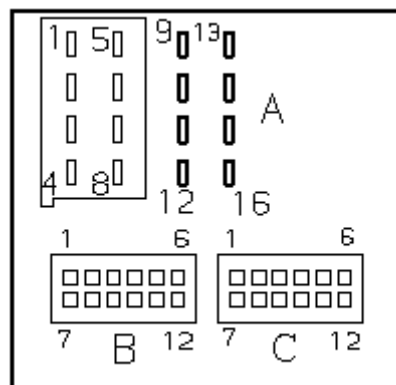
Step 1:

follow the instruction on the scosche kit to wire up all wires (FR, FL, RR, RL +/-, switch, ground and etc...) for the harness



Step 2:

You will notice the scosche harness have 5 mute brown wires which totally screw you up :thumbsdown: :thumbsdown: . At this instance, take a deep breath and look at the wiring diagram below



BMW E52/E53 Business Radio Pin Outs

- 1 A Signal, AF radio, rear right + Amplifier or Speaker 0.75 Blu/Viol Basic (Blu/Blk Hi-Fi)[not used Carver]
- 2 A Signal, AF radio, front right + Amplifier or Speaker 0.75 Blu/Red
- 3 A Signal, terminal 50 via vehicle immobilizer Amplifier or Speaker 0.75 Yell/Red
- 4 A Signal, AF radio, rear left + Amplifier or Speaker 0.75 Yell/Viol Basic (Yell/Blk Hi-Fi)[not used Carver]
- 5 A Signal, AF radio, rear right - Amplifier or Speaker 0.75 Blu/Grn Basic (Brn/Org Hi-Fi)[not used Carver]
- 6 A Signal, AF radio, front right - Amplifier or Speaker 0.75 Blu/Brn Basic (Brn/Org Hi-Fi Carver)
- 7 A Signal, AF radio, front left - Amplifier or Speaker 0.75 Yell/Brn Basic (Brn/Org Hi-Fi Carver)
- 8 A Signal, AF radio, rear left - Amplifier or Speaker 0.75 Yell/Grn Basic (Brn/Org Hi-Fi)[not used Carver]
- 9 E/A K-bus signal K-bus connector 0.5 Wht/Red/Yell
- 10 E Telephone mute circuit Cellular telephone 0.35 Wht/Brn
- 11 E Signal Telephone on Cellular telephone 0.35 Wht/Grn
- 12 M Ground Ground point 2.5 Brn
- 13 E Aerial switching signal Aerial amplifier or aerial diversity 0.5 Wht
- 14 E Activation, left bi-xenon headlight Light switch cluster 0.5 Grn/Red
- 15 E Terminal 30 Fuse F50 Unsitched power 2.5 Red/Yell
- 16 E Terminal R Fuse F47 Switched power 0.75 Viol/Wht

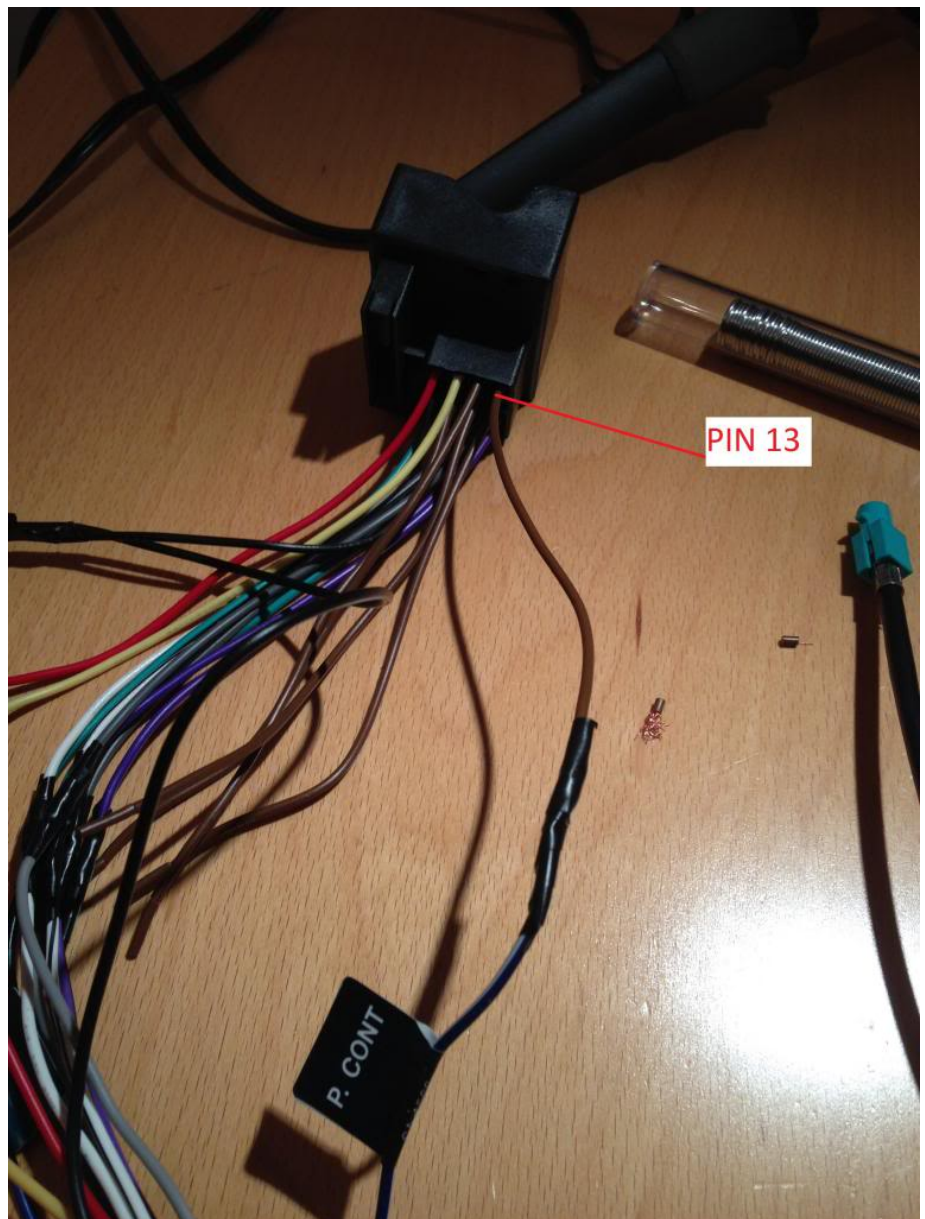
***** For the ground wire, splice the two ground wire into a single crimp (See below pic) and bolt it to chassis *****



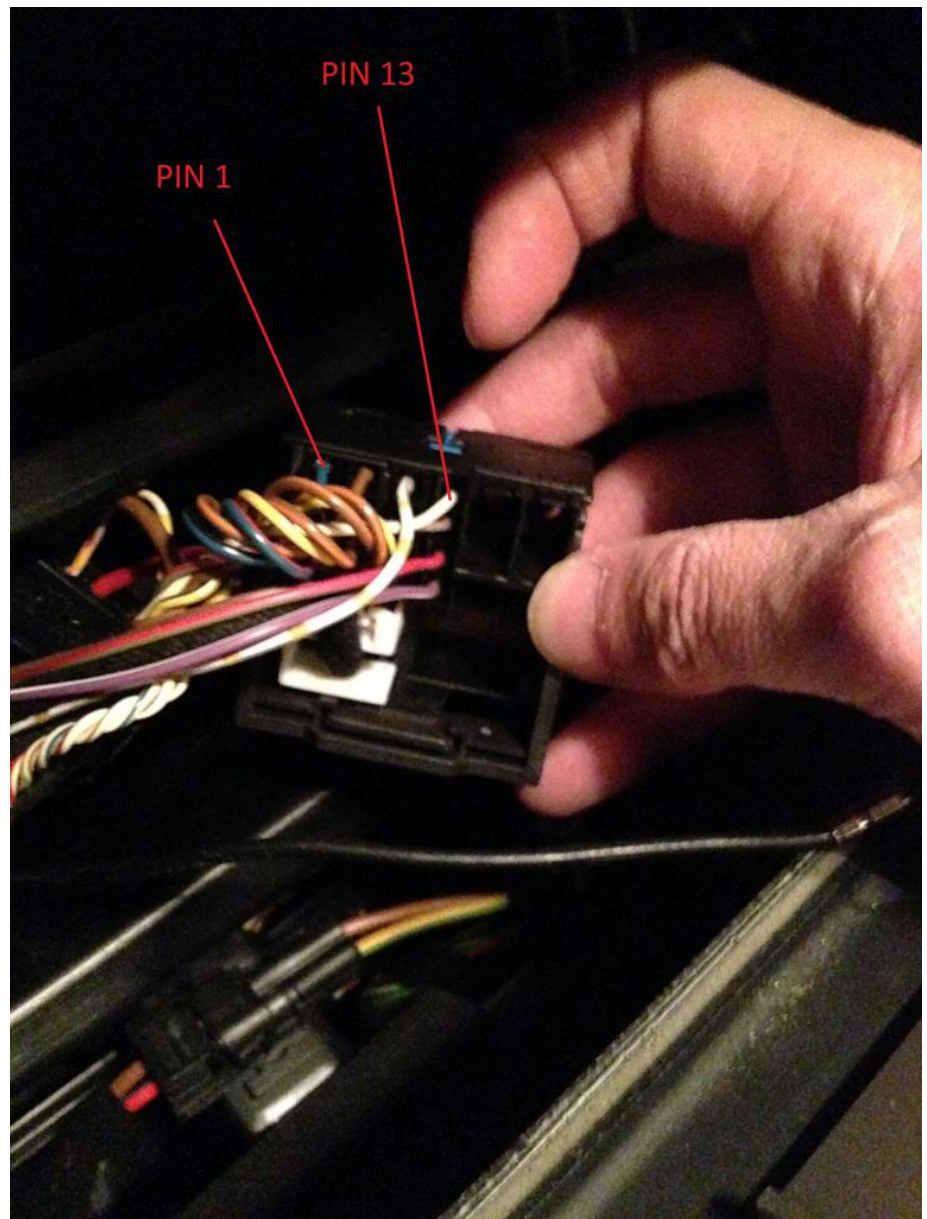
Step 3:

Here comes the most important step: wire the REM (amp remote lead, or "P.cont" for my Kentwood, every deck will have different name) to pin #13

**** The harness was rotated, don't be confused with pin13 being at the top ***



Back side of the factory harness (pin # 13 which is the white wire
(Thanks to v8z4 for pointing this out !), PLEASE DO A FINAL
CHECK BEFORE YOU TURN THE SWITCH



STEP 4:

end cap all other loose wire and zip tie to make it nice and clean
install the kit and adjust the headunit position to flush with the dash

This might not look nice to all of you as some of you might notice the scosche kit has slightly fitment issue and color that I ordered wasn't perfectly match, but \$82 for a headunit + installation kit using the stock amp and sub, I have no complains at all.

Well, I have tried my best to share all the pain that I've gone through with lots of forum searching. I hope my contribution really help all of you having speaker with no sound for aftermarket HU



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