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Thread: **DIY AUX input and NAV set up**

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**Jetta.GLI.CA** 

Junior Member



Join Date: Mar 8th, 2008  
Posts: 20

DIY AUX input and NAV set up

03-16-2008 04:51 PM [Reply](#) #1

I know that you can purchase a cable from the dealer for this but for those if us that have the AUX hook up in the glove box here is how you can make use of it after installing Nav.  
You need to order a new connector. I used the 3D0 035 131 \$8, you need to grind down the guide tabs on one end for it to fit. I believe the correct part is 7M0 035 727 but it was going to be a weeks wait.  
  
You need to disconnect the blue connector and remove the wires from the connector and reinstall them into the new connector as follows:  
Grey wire - location 11  
Blue wire - location 12  
Black wire - location 2  
  
Plug this into the upper R/S (passenger) location on the back of the radio, above antenna connectors.. On the radio select CD and then AUX and now you can play your MP3/IPOD hooked up to the factory connector in the glove box. You can also install the IPOD kit or CD changer using the blue connector if you want.

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**vwgtpowr** 

Member



Join Date: Aug 26th, 2002  
Location: NH  
Posts: 5,441

Re: DIY AUX input and NAV set up (Jetta.GLI.CA)

07-11-2008 10:58 PM [Reply](#) #2

This is good news, has anyone tried this out?  
Thanks for sharing. Which NAV unit did this work with?  
  
Oh yeah, do you have any pics?

*Modified by vwgtpowr at 11:02 PM 7-11-2008*

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**icon5585** 

Member



Join Date: Apr 29th, 2006  
Location: Kansas City, MO  
Posts: 762  
Vehicles: 2011 VW GTI

Can anyone confirm this? I ordered a "B" revision MFD2 nav and really don't want to lose the aux port in my glove box.

07-13-2008 11:48 PM [Reply](#) #3

[Reply With Quote](#)

**08CandyWhite** 

Member



Join Date: Jan 31st, 2003  
Location: Westminster, CO  
Posts: 7,706  
Vehicles: '12 GTI 4DR MT

Re: DIY AUX input and NAV set up (Jetta.GLI.CA)


07-15-2008 12:41 PM [Reply](#) #4

I can confirm this, but for the 08 year it looks like they changed the wire colors.  
But here is how they are oriented for those who have this particular color arrangement on the aux connector side.  
  
Yellow= 11  
Green= 2  
Gray= 12  
*Edit for correct pin arrangement*


*Modified by 08CandyWhite at 11:30 AM 7-24-2008*

[@08candywhite](#) on Instagram  
[@VWChrisMac](#) on Twitter


[Reply With Quote](#)

**icon5585** 

Member



Join Date: Apr 29th, 2006  
Location: Kansas City, MO  
Posts: 762  
Vehicles: 2011 VW GTI




07-15-2008 05:34 PM

**Reply**


#5

Do you have a picture of this with the wires moved possibly? That would be a big help! Thanks!


**Reply With Quote**

**icon5585** 

Member



Join Date: Apr 29th, 2006  
Location: Kansas City, MO  
Posts: 762  
Vehicles: 2011 VW GTI



07-16-2008 12:27 AM


**Reply**

#6

Re: (icon5585)

Another thing, I thought this only required moving the wires around in the blue connector, not ordering a whole other connector.

**Reply With Quote**

**macgyver216** 

Junior Member

Join Date: Mar 26th, 2007  
Posts: 23

07-16-2008 05:40 AM


**Reply**

#7


Re: (icon5585)

Hi !  
May be this will help you :  
<http://forums.vwvortex.com/zerothread?id=3928384>  
It's the procedure for the RCD300 radio (european car), may be it is the same.

**Reply With Quote**

**08CandyWhite** 

Member



Join Date: Jan 31st, 2003  
Location: Westminster, CO  
Posts: 7,706  
Vehicles: '12 GTI 4DR MT

07-16-2008 01:08 PM

**Reply**

#8

Re: (icon5585)

*Quote, originally posted by **icon5585** »*


Another thing, I thought this only required moving the wires around in the blue connector, not ordering a whole other connector.

Re-read the first post. The connector 7M0 035 727 is used to use the aux correctly. Those 3 wires in my first post are moved from the blue connector over to this new connector. It is easier than it sounds. You don't need a pin removal tool for it either, just a pin to push down on the release for the pin in the blue connector. This part slowly walking through it took 5 mins at most.


@08candywhite on Instagram

@VWChrisMac on Twitter


**Reply With Quote**

**icon5585** 

Member



Join Date: Apr 29th, 2006  
Location: Kansas City, MO  
Posts: 762  
Vehicles: 2011 VW GTI




07-16-2008 01:41 PM

**Reply**


#9

Thank you both so much! I get it now **\*\*lightbulb\*\*** lol

**Reply With Quote**

**icon5585** 

Member



Join Date: Apr 29th, 2006  
Location: Kansas City, MO  
Posts: 762

07-17-2008 02:07 AM

**Reply**


#10

I ordered the part, it was like \$11 from the dealership (cheaper than ordering it online w/shipping). When I get this piece, put the 3 wires in, I believe I plug this into the cd changer port in the back of the "B" revision MFD2, correct? (I Haven't actually seen the unit yet so I'm guessing/asking)

<http://forums.vwvortex.com/showthread.php?3738714>


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Vehicles:2011 VW GTI



08CandyWhite

Member



Join Date:Jan 31st, 2003

Location:Westminster, CO

Posts:7,706

Vehicles:'12 GTI 4DR MT

Re: (icon5585)

07-17-2008 11:17 AM

Reply

#11

In the aux port there will only be those 3 wires that will be in that connector.


@08candywhite on Instagram

@VWChrisMac on Twitter

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KrayzieHotSauce

Junior Member



Join Date:Apr 28th, 2008

Posts:87

I am looking at the pin out on my original in-dash 6 disc changer Premium 7 radio: On the blue connector if you count from right to left, upper to lower, I get the following pin out which is different from the first post (my car is 2007 GTI built 02/07):

pin 1 = L-SAT

pin 2 = GND

pin 7 = R-SAT

pin 8 = LCH

pin 9 = RCH

pin 3 = GND/SAT

which corresponds with this following website:

<http://www.octavia-vrs.com/technical/mfd2.html>

2007 MY Onwards Octavia wiring is as follows -

Pin 1 - Aux in left

Pin 2 - Aux in earth

Pin 3 - CD changer, left and right channel, earth

Pin 4 - CD changer, voltage supply, terminal 30

Pin 5 - Not connected

Pin 6 - CD changer, DATA OUT

Pin 7 - Aux in right

Pin 8 - CD changer, left channel, CD/L

Pin 9 - CD changer, right channel, CD/R

Pin 10 - CD changer, control signal

Pin 11 - CD changer, DATA IN

Pin 12 - CD changer, CLOCK

I haven't ripped up my dash yet since I am waiting on this connector for the MFD2 so I couldn't get the wire colors yet nor what pins are currently in used. If someone can verify that would be awesome!


BTW how do you release the blue connector from the harness?

Modified by KrayzieHotSauce at 10:59 AM 7-20-2008

Reply With Quote

icon5585

Member




Join Date:Apr 29th, 2006

Location:Kansas City, MO

Posts:762

Vehicles:2011 VW GTI



nm

07-19-2008 07:50 PM

Reply


#13

Modified by icon5585 at 5:56 PM 7-19-2008

Reply With Quote

icon5585

Member



Join Date:Apr 29th, 2006

Location:Kansas City, MO

Posts:762

Vehicles:2011 VW GTI

Ok, I got the wires out (Yellow, Gray, and green) but I only get the sound out of the left speakers! Help?

07-19-2008 08:39 PM


Reply

#14

Modified by icon5585 at 6:48 PM 7-19-2008




Join Date: Apr 28th, 2008  
Posts: 87

The correct pins for aux in should be EA-L, EA-R, and EA-G hence that's why I said buy the 3B7 035 447 B connector instead 

Modified by KrayzieHotSauce at 11:45 AM 7-20-2008

Reply With Quote


nickg 


Member  
Join Date: Nov 10th, 2001  
Posts: 3,932

07-20-2008 03:32 PM [Reply](#) #21

there is a premade cable for nav cars to add the ipod (it was originally for cd changer connectivity) ..i have the part number at work


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M3Tech 


Member  
  
Join Date: Jan 26th, 2007  
Location: Ft Lauderdale, FL  
Posts: 1,959  
Vehicles: 2012 M3/2010 CC



Re: (icon5585)  
07-20-2008 03:42 PM [Reply](#) #22

Quote, originally posted by **icon5585** »  
I have SAT radio and was under the impression that I was putting these into the new connector under pins 11, 12, and 2...

I think that there is a confusion in where actually the AUX wires should go in this MFD2 "B"... they are supposed to go in pins 1 (L+), 7 (R+), and 2 (common ground) in the 12 pin connector with the blue jacket in the rear of the unit .  
The connector for the SAT radio is the **other** 12 pin connector. Check the label on top of **your** unit for the correct pins, and don't follow anybody's else. There are some differences in wiring depending on the model year of your car, so it is better just to follow what your unit pins are assigned for. 

Reply With Quote


icon5585 


Member  
  
Join Date: Apr 29th, 2006  
Location: Kansas City, MO  
Posts: 762  
Vehicles: 2011 VW GTI  


07-20-2008 04:12 PM [Reply](#) #23

I've got the sound coming out of both speakers, however, when I rev the engine there's a "whining" sound... I assume that's the ground fubaring my wiring...


Reply With Quote

M3Tech 


Member  
  
Join Date: Jan 26th, 2007  
Location: Ft Lauderdale, FL  
Posts: 1,959  
Vehicles: 2012 M3/2010 CC



Re: (icon5585)  
07-20-2008 04:38 PM [Reply](#) #24

Quote, originally posted by **icon5585** »  
I've got the sound coming out of both speakers, however, when I rev the engine there's a "whining" sound... I assume that's the ground fubaring my wiring...

Switch pin 2 wire to pin 3 (CD Changer ground) and check if the noise goes away... 

Reply With Quote


icon5585 


Member  
  
Join Date: Apr 29th, 2006  
Location: Kansas City, MO  
Posts: 762  
Vehicles: 2011 VW GTI  


07-20-2008 05:54 PM [Reply](#) #25

No it doesn't, sounds still there, but now it only comes out of the right speakers... So I have the R/L channels right, just the ground is lame... I guess I'll learn to deal with it until I get an iPod adapter.

Reply With Quote

M3Tech 

Member  
  
Join Date: Jan 26th, 2007

Re: (icon5585)  
07-20-2008 07:17 PM [Reply](#) #26

Quote, originally posted by **icon5585** »  
No it doesn't, sounds still there, but now it only comes out of the right speakers... So I have the R/L channels right, just the ground is lame... I guess I'll learn to deal with it until I get an iPod adapter.


Location: Ft Lauderdale, FL  
Posts: 1,959  
Vehicles: 2012 M3/2010 CC

Last thing... check that all the wire connectors are solid; plugging and unplugging can break the connectors, thus not making full electrical contact.

Reply With Quote

KrayzieHotSauce

Junior Member



Join Date: Apr 28th, 2008  
Posts: 87

Re: (M3Tech)

07-20-2008 07:23 PM [Reply](#) #27


Well I think from the factory the aux in wires are using pin 1, 2, 7 of the 12 pin blue connector in the harness already with the Premium 7 in dash changer (non-sat-radio). I tried the aux in and it doesn't work, hence I think we need to get the 12 pin "other" green connector to go into the harness to use aux in.  
I think icon has been using the 18 pin connector from the beginning.

Modified by KrayzieHotSauce at 9:15 PM 7-20-2008

Reply With Quote

icon5585

Member



Join Date: Apr 29th, 2006  
Location: Kansas City, MO  
Posts: 762  
Vehicles: 2011 VW GTI


Yes I have as posted at the beginning...

07-20-2008 09:18 PM [Reply](#) #28

Reply With Quote

icon5585

Member



Join Date: Apr 29th, 2006  
Location: Kansas City, MO  
Posts: 762  
Vehicles: 2011 VW GTI


Sweet, I got it working! Unfortunately I have to sell it now 😞  
Stupid bills!

07-24-2008 12:08 PM [Reply](#) #29

Reply With Quote

08CandyWhite

Member



Join Date: Jan 31st, 2003  
Location: Westminster, CO  
Posts: 7,706  
Vehicles: '12 GTI 4DR MT

Re: (icon5585)

07-24-2008 01:29 PM [Reply](#) #30


Ok so a little update. Maybe I did get some wires crossed on this one. Looked at the wiring diagram from VW just now I have the pin locations are correct but the arrangement is different then what I had. Here are the locations. I x-ref this with the aux cable thats available from VW and it correlates.  
Yellow= 11  
Green= 2  
Gray= 12

@08candywhite on Instagram  
@VWChrisMac on Twitter

Reply With Quote

KrayzieHotSauce

Junior Member



Join Date: Apr 28th, 2008  
Posts: 87

Re: (KrayzieHotSauce)

07-24-2008 03:21 PM [Reply](#) #31

Yes that's it. I finally figured that out myself with some internal documents from VW. Turns out the blue connector aux pins only work with Euro Nav, NAR Nav only works with the 18 pin connector.  
Yellow = LCH = 11  
Green = GND = 2  
Gray = RCH = 12  
  
No ground issues it works as designed. Now onto the iPod interface mod (harder I presume lol)...

Reply With Quote

08CandyWhite

Member

Re: (KrayzieHotSauce)

07-24-2008 03:55 PM [Reply](#) #32

Quote, originally posted by **KrayzieHotSauce** »

http://forums.vwvortex.com/showthread.php?3738714

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GTI

Join Date: Jan 31st, 2003

Location: Westminster, CO

Posts: 7,706

Vehicles: '12 GTI 4DR MT

No ground issues it works as designed. Now onto the iPod interface mod (harder I presume lol)...

The iPod interface would be easier since your using the blue connector for that.

@08candywhite on Instagram

@VWChrisMac on Twitter

Reply With Quote

H3LVTCAB

Member



Join Date: Oct 27th, 2004

Location: 630

Posts: 2,663

Vehicles: 2008 VW Rabbit

07-25-2008 12:00 AM

Reply

#33

Does anyone know the part number for the OEM iPod adapter?

Originally Posted by TrillyPop

The 2.5L forum is full of high hopes and huge disappointment.

MKV Rabbit Dyno Thread

MKIII Cabrio Build Thread

Reply With Quote

JetTurbo

Member

GTI

Join Date: Sep 17th, 2001

Location: Cincinnati, OH USA

Posts: 1,973

Vehicles: 2006 mk5 GTI, 2008 b6 Passat 4-Motion

iPod dock 1K0.857.925.B

07-25-2008 12:07 AM

Reply

#34

mine was 1K0.857.925.B



but that is the dock version that mounts in an option armrest on the Golf / Jetta





Modified by JetTurbo at 12:15 AM 7-25-2008

2006 US Mk V bmp GTI mt, 2008 US b6 Passat 4-motion

Reply With Quote

**08CandyWhite**

Member

Join Date: Jan 31st, 2003

Location: Westminster, CO

Posts: 7,706

Vehicles: '12 GTI 4DR MT

Re: iPod dock 1K0.857.925.B (JetTurbo)

07-26-2008 12:10 AM [Reply](#) #35

Verified tonight in doing the pin swap. All is good.

[@08candywhite](#) on Instagram  
[@VWChrisMac](#) on Twitter

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DIY AUX input and NAV set up

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