



Drives: '06 GTi (US) Join Date: Feb 2007 Location: Cincinnati, OH USA Posts: 2,541

View JetTurbo's Garage



2006 US Mk5 GTI

By the way, that is a picture of a EU spec unit. No satellite radio support. Nav section will not fully function in North America (cannot program any destination address). The bottom row of buttons on a US spec unit are marked Voice - Band - CD - Mute - Dest - Nav - Map







#<u>4</u>



Hi, thanks a lot and yes i know it is the EU version, i am looking for the US one. Another two questions if you dont mind please...

Is the US version has built-in SAT radio or do i need to add an adapter or module or anything?!

If i want to add the ipod adapter in the US MFD2, will it work with the satellite radio or not?

Thanks.





#<u>5</u>

11-30-2008, 12:22 PM

## <u>JetTurbo</u>





Drives: '06 GTi (US) Join Date: Feb 2007 Location: Cincinnati, OH USA Posts: 2,541

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Ouote:

Originally Posted by provider [2]

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Satellite radio is an accessory external module. Only audio bulit in is AM/FM and the ability to play Red Book audio CDs in the DVD drive while disabling the Nav. Satellite radio, iPod Dock or CD Changer, aux input, and telephone are supported optional modules often included in various packages.

Yes, the iPod adpator and satellite radio can co-exist on the US version of the MFD2 DVD, no they do not on the EU version.

The US spec MFD2 DVD supports concurrent connection of a lot of inputs, both internal and external, with the ability to switch

to anyone of them.

- AM Radio
- FM Radio
- Satellite Radio
- CD Changer / iPod Dock
- Aux input
- Telephone

with Nav voice overlay during any input selection

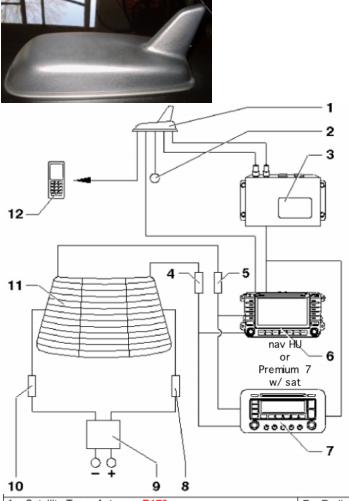
(Aux and iPod dock are separate inputs on the MFD2 DVD, unlike the Premium 7 which is either / or).

The satellite tuner for an MFD2 DVD is an accessory module bolted under the passenger seat in US spec Mk V Rabbit / GTI. (The newer RNS-510 has built in Sirius eliminating the external tuner box).

My 2006 XM tuner is the older two antenna style, newer cars may have only one.



FYI here is a diagram of the systems antennas that shows the external satellite tuner box. Analog antennas are coated on the inside of the rear glass - one AM/FM and one FM only antenna to support diversity. Digital antennas are on the roof - satellite radio and nav GPS antenna.



4 Catallita Taman Antonna D470	T Dadia D
1 - Satellite Tuner Antenna -R172-	7 - Radio -R-
Only with satellite radio.	
Installed on roof at rear	
from 11/06 production: only one antenna wire between	
satellite tuner and tuner antenna	
2 - Not applicable to USA/Canada	8 - FM Frequency Filter (in positive wire) -R179-
	Installed in wiring harness
	Function: Prevents antenna signals from shorting to Ground
3 - Digital Satellite Radio Tuner -R190-	9 - AM Frequency Filter -R177-
Optional	Installed in rear lid, center
Installed below right front seat	Function: Prevents antenna signals from shorting to Ground
From 11/06 production: only one antenna wire between	(GND)
satellite tuner and tuner antenna	
4 - Antenna Amplifier -R24-	10 - FM Frequency Filter (in negative wire) -R178-
For FM reception	Installed in wiring harness
	Function: Prevents antenna signals from shorting to Ground
5 - Antenna Amplifier 2 -R111-	11 - Rear Window Antenna 1 -R130-
For FM/AM reception	
6 - Radio/Navigation Display Control Module - J503	12 - Not applicable to USA/Canada









11-30-2008, 12:58 PM

### provider Go Kart Champion

Drives: GTI 09 Join Date: Oct 2008 Location: Toronto

Posts: 42

### Quote:

Originally Posted by JetTurbo 💟

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#<u>6</u>

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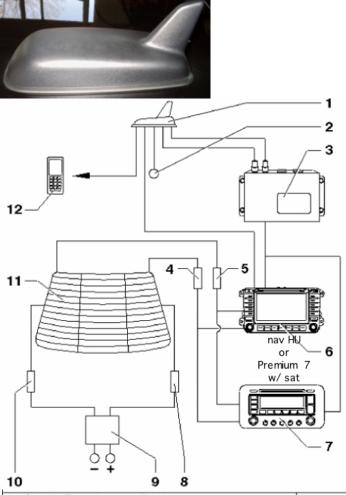
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Hi, it s me again... I installed the EU version of the MFD2 on my GTI, and the AUX input on my car is not working?! Do you know what could be the problem?! thanks Ф поте **™** ∧ 11-30-2008, 06:01 PM #<u>7</u> <u>JetTurbo</u> Quote: Originally Posted by **provider** [5] Hi, it s me again... I installed the EU version of the MFD2 on my GTI, and the AUX input on my car is not workina?! Do you know what could be the problem?! thanks Drives: '06 GTi (US) Join Date: Feb 2007 Location: Cincinnati, OH USA Posts: 2,541 not really. If the aux was factory installed for a Premium 7, then with a US  ${
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Drives: '06 GTi (US) Join Date: Feb 2007 Location: Cincinnati, OH USA Posts: 2,541

#### View JetTurbo's Garage

Quote:

Originally Posted by provider [5]

I didnt understand what you mean my friend!!

I have the EU MFD2 installed not the US... and you think that i should just change one of the connectors in the MFD2?

Yes, and my answer is I know nothing about EU units electrical details. All of my experience is with the MFD2 DVD US spec.

Where did your non-functioning aux connection come from? who wired it?

You have the unit. It should be labeled with the unit's pins assignments. Confirm the aux pins are connected to the correct place.

I simply pointed out that if you had a US car with a factory installed aux for a non Nav head unit and you connected it to a US MFD2 DVD, it would not work properly either. Draw your own conclusions as to how that applies to your EU unit.







12-01-2008, 12:04 AM

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#<u>10</u>

## <u>provider</u>

Go Kart Champion

Drives: GTI 09 Join Date: Oct 2008 Location: Toronto Posts: 42

### Quote:

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Ohh ok, i got it...

I did the installation my self, i just unplugged the original unit that came with it and plugged the EU MFD2, everything seems to work fine apart of the AUX.

I ll try to make some pics tomorrow and post them if it can help!

But for the wires, i am gonna wait to buy the US one and then open everything again :S

Do you have an US MFD2? Is it working good? Do you like it? I want to buy the RNS510 but it s too much money man!!! :(

So i want to try this MFD2 first otherwise i II go with an after market one(the kenwood dnx8120) what do you think?









#11

12-01-2008, 09:56 AM

### <u>JetTurbo</u>



Join Date: Feb 2007 Location: Cincinnati, OH USA Posts: 2,541

View JetTurbo's Garage

### 

Quote:

Originally Posted by provider [5] Ohh ok, i got it...

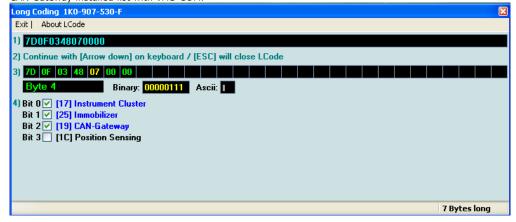
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That would be consistant with US spec nav units retrofitted into originaly non-Nav cars. While all the other wiring is ok, the aux wiring is wrong.

This relates to the fact the Premium 7 your oe install was wired for does NOT support both iPod/CD Changer AND Aux input, while the NAV does. They had to add some more pins to add support for both. iPod/CD Changer remains functional, the aux got moved to the new pin locations. There are postings on VW Vortex that describe how to

DYI AUX input and NAV set up [Archived]

BTW If you have a US spec GTI, you need to disconnect the compass module and uncheck Position Sensing in the CAN Gateway installed list with VAG-COM.



The Position Sensing (compass ) module is above the headliner just in front of the hatch. The plastic trim piece at the top of the hatch opening will pull straight down to remove. Compass module is to the left of the center of the car about 4 inches inside the headliner (you can pull it down enough to get your hand in to unplug it). It is velcroed to the roof if you want to take the module completely out. The module is about the size of a playing card and is approx 1/4-3/8" thick.

The Highline MFD gets its compass info from the nav unit instead of the position sensing module. If you leave the position sensing module installed, the MFD will get conflicting messages on the infotainment CAN bus. While this is probably not harmful, it might cause strange behavior in the MFD.

#### Quote:

### Originally Posted by provider [2]

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### PACKAGES/OPTIONS

### Black Magic

Anthracite Leather

Package 2 Includes; Power Sunroof, X M (R) Satellite

Radio, Dual Zone Climate Control Heated Front Seats

And Washer Nozzles, Top Sport Seats With Leather

Seating Surfaces

Navigation System And 6-Disc CD Changer

(Incompatible With Mp3 Format)

18" Alloy Wheels With Summer Performance Tires

Rubber Mats (Set Of 4) And Trunk Liner

6- Speed Manual Transmission

### Works perfectly of course.

Yes I like it, I do not regret the time and money it took to track down a car with factory installed nav. Wish the RNS-510 was around when mine was purchased, 'ce la vie', I had a year of use out of the MFD2 DVD before the RNS-510 even existed. 

May still get one in a new car when the economy recovers a little ...

Aftermarket forfeits the Highline MFD functions which I place at very high value. ymmv I would not have either of these displays with an aftermarket unit.







#12

## provider

12-05-2008, 08:14 PM

Go Kart Champion

Drives: GTI 09 Join Date: Oct 2008 Location: Toronto Posts: 42

# Quote: Originally Posted by **JetTurbo**

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I would not have either of these displays with an aftermarket unit.



(The oe bluetooth module relies on oe head unit for many of its functions, not compatible with aftermarket head units)

Hey Buddy, I just got the US MFD:)

Is there a way to play video on it? like dvd player or anything?







12-06-2008, 02:13 AM





Drives: '06 GTi (US) Join Date: Feb 2007 Location: Cincinnati, OH USA Posts: 2,541

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Originally Posted by **provider D** 

Hey Buddy,

I just got the US MFD:)

Is there a way to play video on it? like dvd player or anything?

No, the MFD2 DVD can not play back video DVDs. The MFD2 DVD internal drive can only read the map DVD, no other DVD. Alternately it can play red book audio CDs.

There is an external RGBS input to the display. It exists to support a back-up camera. The input is selected by applying a voltage to the input select pin, typically from the reverse light circuit, but any 12 VDC will do. The external input will disable if the car exceeds 10 mph (although adaptors are sold to fool the video in motion disable). You would still need to find a separate DVD video player. And you would have to convert the DVD player output to RGBS (there are various adapters to convert composite video to RGBS). Not ideal, but better than nothing.

summer mode

ф пиоте

#<u>13</u>







Drives: '06 GTi (US) Join Date: Feb 2007 Location: Cincinnati, OH USA Posts: 2,541

### View JetTurbo's Garage

#### Quote:

Originally Posted by provider D

Hi.

Is it possible to have a US version of the MFD2 without the Port for Sat/XM radio on the back?! Because I bought one and he said it is a US Version but the only thing on the back is were to plug the GPS Thanks

No need to PM me, I saw this post and originally chose not to respond. Quite honestly, it makes no sense to me. Satellite radio is not integated into the MFD2 DVD, it is an external module. Satellite radio antennas connect to the module under the seat, not the MFD2 DVD.

But all of that is already pictured and diagramed above in this thread.

The interconnection between the sat radio module and the MFD2 DVD is via the multi-pin harnesses that connects power and speakers and inputs and everything else. If your car was not originally supplied with sat radio, you will need to add the harness too.

Originally Posted by provider via PM [2]

And an other question please, do you know where can i find a US DVD disc for the GPS? i ve been looking on ebay and everywhere and nothing... Thanks,

Yas.

Not sure why you are not seeing them on eBay, I run a filter for VW dvd nav discs and they pop up regularly. BTW Passat used the same MFD2 DVD. Currently active eBay VW nav disc auctions ...

eBay saved search string is: (vw,volkswagen) dvd (4b,5b,6b)

VW Passat navigation dvd 5b

Volkswagen Navigation DVD Version 5B L@@k

Volkswagen Navigation DVD Version 4B L@@K

Heck, I'll sell you a 3b disc for \$35 if all you need is a disc to get it up and running.











#<u>19</u>

#20

1 01-04-2009, 08:12 PM

### <u>provider</u>

Go Kart Champion

Drives: GTI 09 Join Date: Oct 2008 Location: Toronto Posts: 42





Ohh man thanks a lot, I dont know why i couldnt find them on ebay!!



☐ 01-10-2009, 02:19 AM

### provider Go Kart Champion

Drives: GTI 09 Join Date: Oct 2008 Location: Toronto Posts: 42

### Quote:

Originally Posted by JetTurbo 💟

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VW Passat navigation dvd 5b

Volkswagen Navigation DVD Version 5B L@@k

Volkswagen Navigation DVD Version 4B L@@K

Heck, I'll sell you a 3b disc for \$35 if all you need is a disc to get it up and running.

I just got the 3B Version from a friend of mine for free :p but like when i tried it now... it s really bad navigation!! it keeps losing the route cause the maps are not complete i guess or something like that :S

#<u>21</u>

I am just wondering if i get the last version, is it going to make a difference?! Does it have the turn by turn directions with the street name and stuff?! Does it recalculate the route faster if you miss a turn or something? Thanks in advance:)





☐ 01-10-2009, 12:47 PM

<u>JetTurbo</u>



Drives: '06 GTi (US) Join Date: Feb 2007 Location: Cincinnati, OH USA Posts: 2,541

### View JetTurbo's Garage

Quote:

Originally Posted by **provider** Mey,

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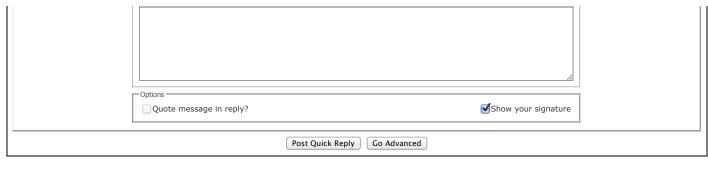
I would say you have some other problem than disc version.

v3b and v5b are virtually identical in performance and operation, the features do not change and performance does not change. I own both and used 3b for a year before switching to 5b nine months ago. Both versions quickly identify and recalculate routes when turns are missed. Both versions provide turn by turn directions with street names and distances. After entering a destination and reaching the guidance map page, press the Route List soft button on the right, second one down - tag looks like a list, right below the auto scale on/off button. If the button tags are not displayed, press once to display tags and press again to execute. If guidance is not active, the Route List tag will be dimmed.





‡ Go



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