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DIY: MDI update walkthrough

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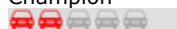
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05-20-2013, 07:36 PM

#1

hockeystar17mnj

FIA World Rally Car
Champion



Drives: 2010 GTI 2 Door MT
 Join Date: Apr 2010
 Location: NJ
 Posts: 626

DIY: MDI update walkthrough

Here is a quick walkthrough on how to update your MDI interface to the most recent firmware revision. The procedure is really easy and straight forward. But now here is the legal mumbo jumbo:

I am not responsible for any damages to your car or computer due to computer viruses, acts of god, electrical shorts, etc.

Now onto the good stuff...

This update helps alleviate the following issues when using the AUX input for devices such as an IPOD.

During the 3 years ive owned this car my IPOD interface was not the most reliable. Occasionally the MDI interface would disconnect my ipod and I would have to unplug it two to three times to get it to re-connect. Then more often than not it would not display the correct song playing, it would display the name of the song that was playing previously. I finally got fed up with dealing with these issues and ordered a MDI to USB cable from keffervw.

You will need the following parts:

1. MDI to female USB adaptor
vw part # 000 051 446 B



2. USB drive formatted as FAT32



1. go to the following website:

<http://www.my-gti.com/3148/volkswage...mware-upgrades>

These are the following updates for the MDI interface released by VW

1. This was released during **week 33 of 2009** Firmware rev. 090. If you have an early 2010 GTI you will have this at the start so continue on to the next updates

<http://www.my-gti.com/1915/volkswage...e-upgrade-kw33>

2. This was released during **week 22 of 2010** Firmware rev. 111.

<http://www.my-gti.com/2491/volkswage...0111-kw22-2010>

3. This was released during **week 22 of 2011** firmware rev. 150

<http://www.my-gti.com/3009/volkswage...0111-kw22-2011>

4. This was released during **week 22 of 2011** firmware rev. 240

<http://www.my-gti.com/3482/volkswage...0240-kw22-2011>

5. This was released during **week 22 of 2012** firmware rev. 530

<http://www.my-gti.com/3486/volkswage...0546-kw22-2012>

THIS WILL NOT WORK ON YOUR MDI IF YOUR CAR WAS MADE BEFORE week 22 of 2012 so this link is more of a placeholder than an actual download link.

Now onto the install:

1. Make sure your USB drive is formatted as FAT16 or FAT32. If it is not you will have to use your windows based PC to format it. Typically all 4-8GB USB drives are formatted as FAT32 so you might not have to format it.

NOTE: if your laptop/PC only has the options of formatting in NTFS or exFAT

then you will need to download a FAT32 formatter
I used the following link for a home version of a formatter:
<http://download.cnet.com/MiniAide-Fa...-75701815.html>

2. Once the USB drive is formatted you will have to download the updates. Since my car is a 2010, built in 11/2009 I had the lowest firmware available so I started with firmware rev. 111. I downloaded from the links i posted above and downloaded it to the USB drive. Once its downloaded you will need to change the file name from **mdi.bin.kwxx-20xx.enc** to **mdi.bin.enc**, you might not see the .enc at the end of the file, this is fine, just make sure the mdi.bin name is shown.

NOTE: DO NOT TRY TO OPEN THIS FILE, IT WILL CORRUPT IT AND YOU WILL HAVE TO RE-DOWNLOAD.

3. Once the file has been renamed, unplug the USB from the computer.

4. Install the USB to MDI adaptor to your MDI interface under your arm rest. If you have the IPOD adaptor already installed then remove it.

5. Turn your car to accessory mode and turn on your head unit.

6. Plug in the USB cable and turn the head unit to AUX mode

7. After about 5 seconds you will see the display change to "Software update"

8. After a minute you will see the display change to "Update complete"

9. Remove the USB drive from the cable and re-install to the computer

10. Delete the file and move onto the next firmware revision.

NOTE:

I did updates 2 & 3 to my MDI. Update 4 was not able to be downloaded. However when I checked my firmware it showed as firmware rev. 240. So whatever it did it seemed to update it to the newest firmware.

Impressions:

The MDI interface was much faster than the original firmware
Song changes were working properly with no hickups as of yet.

Any questions feel free to PM me

Garden State Euros Northern New Jersey Tri-State European Car Club

"I voted for this as the greatest car of the 20th century. Over the years, however, the Golf GTI got bigger, and fatter, and slower. Think of it as Elvis Presley. It started off all athletic and full of vigour, and wound up on the lavatory, an enormous, dribbling hulk." -Jeremy clarkson



05-31-2013, 10:41 AM

#2

nuggstein

Formula 5000 Champion



Drives: 2012 4door DSG GTI,
APR Stage 1
Join Date: Mar 2012
Location: North Jersey
Posts: 2,769

It doesn't look like the most recent firmware is available...anyone have a link??

0530-0546 KW22-2012

APR Stage 1



05-31-2013, 10:52 AM

#3

formul8

Formula 5000 Champion



Drives: 2010 Mk5.5 GTI
Join Date: Aug 2010
Location: Chicaaaago
Posts: 2,139



How can I tell if the latest revisions were already made by the dealer? I had them update the radio firmware a couple times already.

I can't stand the UI of this radio screen and having the SAT presets change by pushing that button like the '13 Passat loaner I just had would be nice.



05-31-2013, 11:49 AM

#4

hockeystar17mnj

FIA World Rally Car Champion



Drives: 2010 GTI 2 Door MT
Join Date: Apr 2010
Location: NJ
Posts: 626



Quote:

Originally Posted by **nuggstein** ➤

It doesn't look like the most recent firmware is available...anyone have a link??

0530-0546 KW22-2012

That firmware will only work if your car was manufactured after the release date. For most of us that is not the case. However i will continue searching.

Garden State Euros Northern New Jersey Tri-State European Car Club
"I voted for this as the greatest car of the 20th century. Over the years, however, the Golf GTI got bigger, and fatter, and slower. Think of it as Elvis Presley. It started off all athletic and full of vigour, and wound up on the lavatory, an enormous, dribbling hulk." -Jeremy clarkson



05-31-2013, 11:51 AM

#5

hockeystar17mnj

FIA World Rally Car Champion



Drives: 2010 GTI 2 Door MT
Join Date: Apr 2010
Location: NJ
Posts: 626

Quote:

Originally Posted by **formul8** ➤

How can I tell if the latest revisions were already made by the dealer? I had them update the radio firmware a couple times already.

I can't stand the UI of this radio screen and having the SAT presets change by pushing that button like the '13 Passat loaner I just had would be nice.

The radio firmware & MDI firmware are two different things. You will

have to either scan the car with vagcom. or ask the dealer directly if they updated the MDI software

Garden State Euros Northern New Jersey Tri-State European Car Club
"I voted for this as the greatest car of the 20th century. Over the years, however, the Golf GTI got bigger, and fatter, and slower. Think of it as Elvis Presley. It started off all athletic and full of vigour, and wound up on the lavatory, an enormous, dribbling hulk." -Jeremy clarkson



05-31-2013, 12:27 PM

#6

quality_sound

FIA World Rally Car Champion



Drives: '13 4-door Golf TDI
Join Date: Sep 2012
Location: Dyess AFB, Abilene, TX
Posts: 668



So this update takes care of the skip at the beginning of every iPod track? That's annoying as hell.

05-31-2013, 12:36 PM

#7

dbizzle22

Formula 5000 Driver



Drives: GTI
Join Date: Aug 2012
Location: California
Posts: 1,701



Quote:

Originally Posted by **hockeystar17mnj**
The radio firmware & MDI firmware are two different things. You will have to either scan the car with vagcom. or ask the dealer directly if they updated the MDI software

Got any step by step guides or where to look for this info once in VCDS?

05-31-2013, 02:27 PM

#8

bkord123

Autocross Newbie



Drives: 2012 VW GTI
Join Date: Mar 2013
Location: Delaware - U.S.
Posts: 75



Quote:

Originally Posted by **quality_sound**
So this update takes care of the skip at the beginning of every iPod track? That's annoying as hell.

You get that too?!?!? I do and not only does it drive me crazy, no one else seems to have the problem. Every song jumps to :02 and starts playing from there. If I bring it to the dealer, they'll do an MDI update? I have a '12 base which I think is the RCD310.

05-31-2013, 04:00 PM

#9

hockeystar17mnj

FIA World Rally Car Champion



Drives: 2010 GTI 2 Door MT
Join Date: Apr 2010
Location: NJ
Posts: 626



Quote:

Originally Posted by **bkord123** ➤

You get that too!?!?!? I do and not only does it drive me crazy, no one else seems to have the problem. Every song jumps to :02 and starts playing from there. If I bring it to the dealer, they'll do an MDI update? I have a '12 base which I think is the RCD310.

Rcd,rns, doesn't matter it's your mdi interface that is the issue. Some dealers know what this update is, others don't it's hit or miss. Best way is to find someone local who knows what to do.

[Garden State Euros Northern New Jersey Tri-State European Car Club](#)

"I voted for this as the greatest car of the 20th century. Over the years, however, the Golf GTI got bigger, and fatter, and slower. Think of it as Elvis Presley. It started off all athletic and full of vigour, and wound up on the lavatory, an enormous, dribbling hulk." -Jeremy clarkson



06-01-2013, 08:03 AM

#10

quality_sound

FIA World Rally Car Champion



Drives: '13 4-door Golf TDI
Join Date: Sep 2012
Location: Dyess AFB, Abilene, TX
Posts: 668



That stupid skip at the beginning of each track and the MDI losing the iPod all the time is the reason I pulled it out in the first place.

How much is the USB adapter cable? I want to update mine now. I might put it back in the car.

Last edited by quality_sound; 06-06-2013 at 12:21 PM.



06-01-2013, 09:17 AM

#11

hockeystar17mnj

FIA World Rally Car Champion



Drives: 2010 GTI 2 Door MT
Join Date: Apr 2010
Location: NJ
Posts: 626



Quote:

Originally Posted by **quality_sound** ➤

That stupid skit at the beginning of each track and the MDI losing the iPod all the time is the reason I pulled it out in the first place.

How much is the USB adapter cable? I want to update mine now. I might put it back in the car.

I think i got mine for like \$25 from Keffer VW. You might be able to get it cheaper on ebay. Ever since updating to the newest revision on my RCD510 I have had ZERO issues

[Garden State Euros Northern New Jersey Tri-State European Car Club](#)

"I voted for this as the greatest car of the 20th century. Over the years, however, the Golf GTI got bigger, and fatter, and slower. Think of it as Elvis Presley. It started off all athletic and full of vigour, and wound up on the lavatory, an enormous, dribbling hulk." -Jeremy clarkson



falanku

Autocross Champion



Drives: '11 UG GTI
 Join Date: Mar 2011
 Location: Queens, NY
 Posts: 116



I actually bought a usb cable from eBay for like \$12 a while ago, works perfectly !

Sent from my HTC One using Tapatalk 2

**quality_sound**

FIA World Rally Car Champion



Drives: '13 4-door Golf TDI
 Join Date: Sep 2012
 Location: Dyess AFB, Abilene, TX
 Posts: 668



Cool. Thanks guys!

**nuggstein**

Formula 5000 Champion



Drives: 2012 4door DSG GTI,
 APR Stage 1
 Join Date: Mar 2012
 Location: North Jersey
 Posts: 2,769



where can we download rev 530? I can't install the one prior to that because it's already installed! 😞

APR Stage 1**Bino**

Formula 5000 Driver



Drives: 2010 White GTI 2 Door
 Join Date: Apr 2012
 Location: Pembroke Pines Florida
 Posts: 1,383

Anyone live close to Miami with this mod. Willing to pay \$.



06-06-2013, 10:36 AM

#16

gmoney67

Autocross Champion



Drives: '90 Corrado VR6, '11
GTI 6MT 4D
Join Date: Oct 2011
Location: Atlantic City, NJ
Posts: 99



Thanks for the writeup! Really appreciated.

Do you know where to check with the vagcom to see the current MDI firmware version?

2011 GTI DBM 6MT 4DR Sunroof/Nav

-GIAC Stage 1 performed by AWE, Injen intake, S3 OEM Short(er) Shift, Techtonics dual cat downpipe, Magnaflow CBE, Autotech RSB, Forge Catch Can, AWE Boost Gauge, AWE TOP, AWE DV, BSH TBP, DG Springs

1990 Corrado VR6

-Many modz



06-06-2013, 12:22 PM

#17

quality_sound

FIA World Rally Car Champion



Drives: '13 4-door Golf TDI
Join Date: Sep 2012
Location: Dyess AFB, Abilene,
TX
Posts: 668



Should be in the sound system or radio tab. I don't have my cable yet but I'm going to check my revision in a few minutes. I'll let you know when I figure it out.

Edit: It's in the 2E Media Player 3 tab. Mine is already revision 530 but ti sucks ass. Hopefully the link to 546 will be up soon because I hate 530 with a passion.

Last edited by quality_sound; 06-06-2013 at 12:41 PM.



06-06-2013, 12:46 PM

#18

hockeystar17mnj

FIA World Rally Car Champion



Drives: 2010 GTI 2 Door MT
Join Date: Apr 2010
Location: NJ
Posts: 626

Quote:

Originally Posted by **quality_sound**

Should be in the sound system or radio tab. I don't have my cable yet but I'm going to check my revision in a few minutes. I'll let you know when I figure it out.

Edit: It's in the 2E Media Player 3 tab. Mine is already revision 530 but ti sucks ass. Hopefully the link to 546 will be up soon because I hate 530 with a passion.

I dont think you can get the 546 updates for any car manufactured before 2013. So its more like if you have it, you got it from the factory, vw will not be providing any downloads

Garden State Euros Northern New Jersey Tri-State European Car Club

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06-06-2013, 04:14 PM

#19

quality_sound

FIA World Rally Car Champion



Drives: '13 4-door Golf TDI
Join Date: Sep 2012
Location: Dyess AFB, Abilene, TX
Posts: 668



Mine is a 2013 but it's a July 12 build. I REALLY want to put the RCD-510 back in but the absolutely HORRID iPod functionality will keep that from happening.

06-06-2013, 04:35 PM

#20

kec789

Oval Champion



Drives: 2010 DSG 4DR Carbon Steel
Join Date: Aug 2012
Location: Utah, USA
Posts: 157



About 2 months ago I did the latest firmware I could find at that same site and I still get that skipping at the beginning of each song. It did allow me to upgrade to whatever it was but again, it didnt' fix that.

EDIT: I didn't roll up through each firmware like the OP suggests. I went righ to the newest revision I could use. I wonder if that's why skipping issue didn't get fixed? However, it did say update complete...???

Are you sure you have to roll up and install each one until you get to the latest? I may try the roll up method when I get home for shits and giggles...

2010 CSG GTI | 4DR DSG | *APR Stage 1+ - Carbonio Intake* | GTI seat handle inserts | *RED* Footwell lights | BEL RX65 Radar | *R8* Coil Packs w/ BKR7EIX plugs - Smoked side markers (Lamin-X) - Stock Detroit's w/ Conti DWS's

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