

RSNAV.com Android Head Unit installation: 3G MMI (B8)

Version 1.0

Warning: Professional installation recommended. Mask the working trim surfaces properly, otherwise, it will be scratched easily while installing!

Tools required: Car trim remover, 8mm Hex driver, T20 screw driver, cable ties, and Volkswagen radio removal keys

1. Installation



Remove dash LCD frame(B8)/whole instrument cluster frame(B8.5), and disconnect the hazard flasher.



Disconnect necessary connectors and remove the original screen as well as the center vent.



Disconnect the vent connector.

Using VW radio removal key, insert until locked on both sides.



Remove the MMI headunit

Unscrew up to 8 bolts to remove glove compartment (read further for more details.)



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Locate CANBUS gateway near the glove compartment and install the bypass line. Similarly, install all the bypasses and route cable properly. Install the provided metal frame to the original screen.



Remove the center speaker cover and install the speaker bypass wire. Also, the center speaker compartment is good place to install the supplied GPS antenna.



Remove the LCD fascia using tools like the picture above.

Route wires out of the metal frame to connect with the main unit.

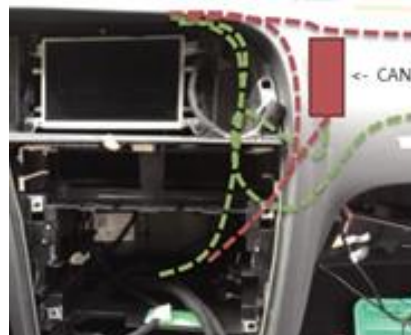


Connect all connectors and screw down the plastic support frame.

Mount the headunit.

Note: Audi's CAN BUS GATEWAY is the very strong source of Electromagnetic interference (EMI).

Any cable route must avoid the CAN BUS in any cost. Otherwise, you will have weak WIFI signal, abnormal WIFI downlink speed, noise from speakers and abnormalities.



The Green is the proper route, and the red is the common mistake and bad route.

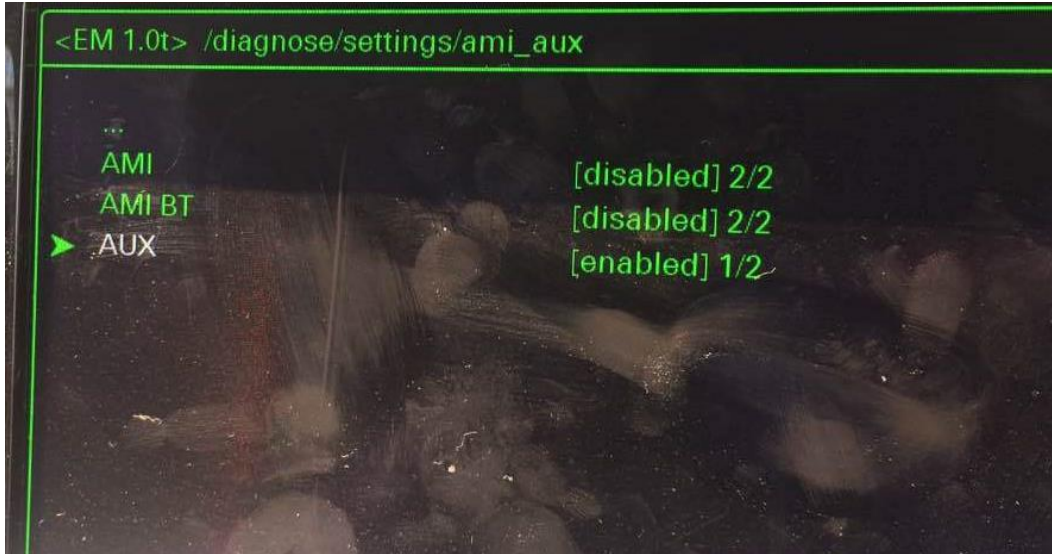
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2. Appendix.

A. Enabling Aux input in MMI for the Android Head Unit

1. Preparation: Enable Green menu using VAGCOM
Connect with module 5F – Control Head.
Choose procedure 10 – Adaptation.
Choose Perquisite Channel 6.
Read stored value. By default it should be 0.
Change value to 1 and save it.
Read stored value. Now it should be 1.
Exit

Procedure:



Audi MMI 3G AUX activation procedure

1. Turn key into II position and wait for the MMI 3G system to start. You can also use keyless buttons.
2. Press and hold buttons MENU(or SETUP) and CAR.
3. After couple of seconds hidden green menu will appear. You can now release the buttons.
4. Navigate to diagnose → settings → AMI/AUX.
5. Change the value of “AUX” “disabled” to “enabled” preserving other options.
6. Press RETURN and CAR buttons at the same time to exit hidden green menu.
7. Restart the MMI

Audi MMI force restart procedure – 3G, 3G+



Locate button:

- A. MENU(or SETUP) button
- B. MMI Center knob
- C. Upper-right soft button

Press and hold those buttons at the same time.

After two seconds release buttons. Audi MMI screen will go black for few seconds and system will reboot.