Installation instructions data display Audi A6 4G (C7) – incl. RS6/S6

Foreword

Thank you for choosing to purchase the MFD32 for your Audi A6.

During the development of the product, attention was paid to the highest accuracy of fit and quality. The display has been mounted with this installation guideby several test personsand continuously improved, so thatyou have no problems with the conversion.

General information

The display is a very sensitive device. One should act with extreme caution here. Any strong pressure on the housing or the display itself should be avoided.
CANchecked assumes no liability for this conversion or for damage during the conversion or during operation. The manual was created to the best of our knowledge and belief.

The conversion time is approx. 1.5h for an experienced screwdriver.

Required tools

- Assembly tool (orange in picture - sold separately)
- 10mm drill bit
- Pull-through aid (wire)
- 10mm screwdriving tool or ratchet with 10mm groove
- Cutter knives
- Tesa band or 2 small cable ties
- Small flat screwdriver

Beforehand

The installation should only be carried out by trained specialists. All work is done at your own risk.

The ignition must be switched off during work.

Dismantling

Using the mounting tool, carefully lever off the front panel in several places:

Remove the two 10 screws:

Lever the fairing under the speedometer a little upwards so that you can remove the ventilation unit:

The ventilation unit can now be removed:

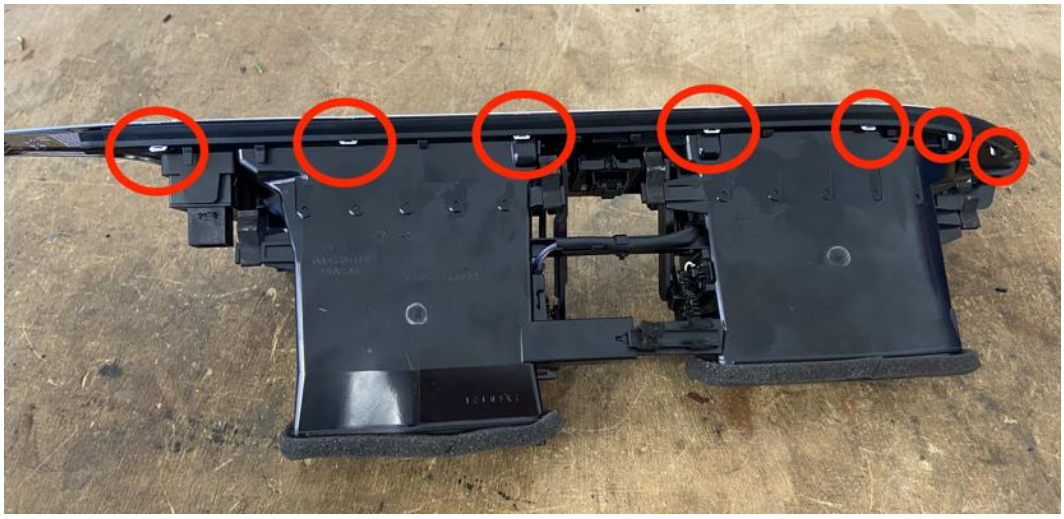
Unplug the two plugs:

We decided to cut the tape that holds the cable.

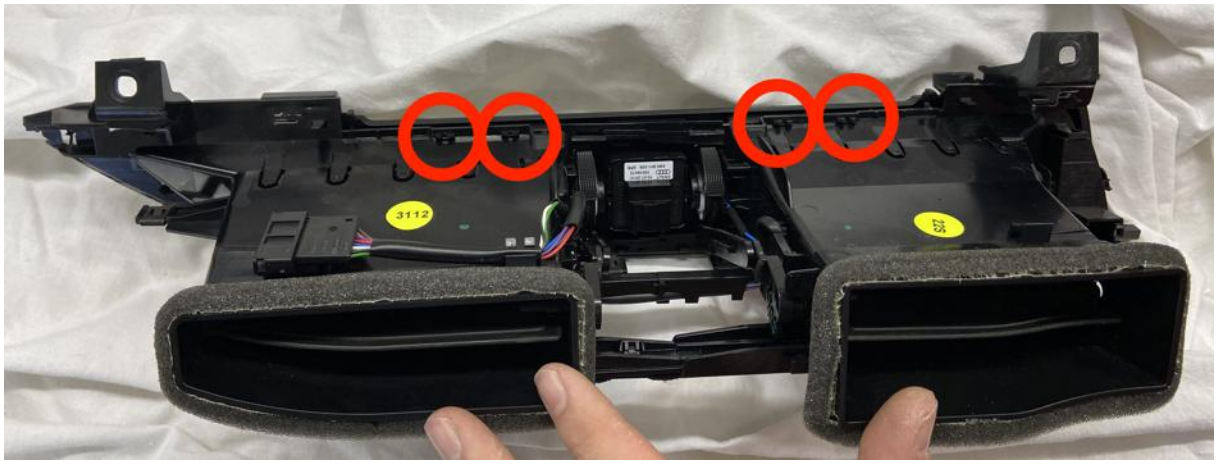
Now the ventilation unit can be completely removed, and we continue on the workbench or table

Display Assembly

We now remove the front panel in front of the nozzles. This has small tabs, all of which must be unlocked individually. For this we take a small flat screwdriver:



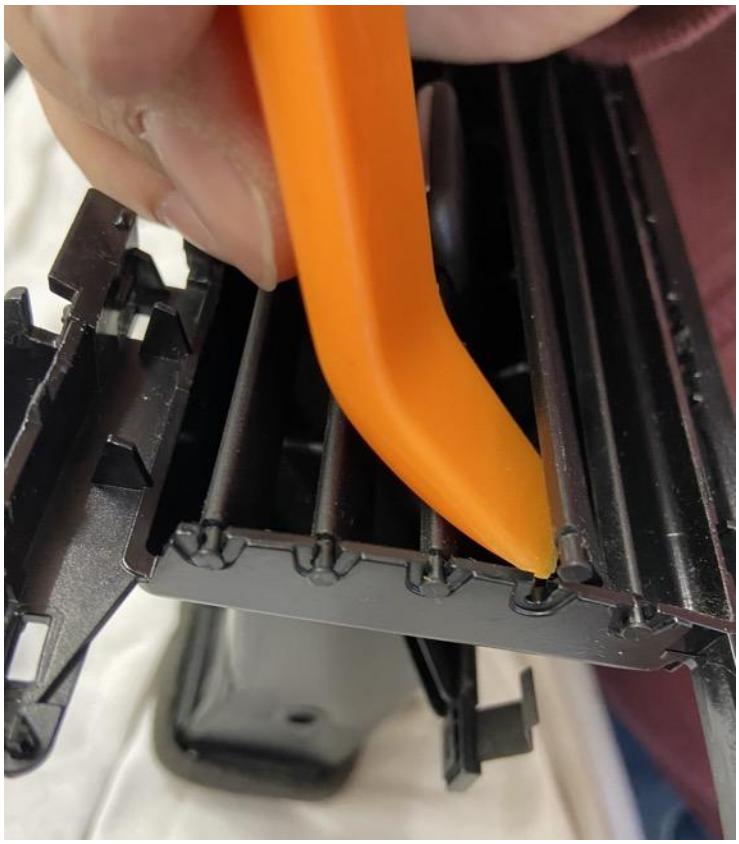
Now we dismantle the black-matte plastic panel. For this purpose, the retaining noses must be unlocked:



This works best with a pair of pliers:

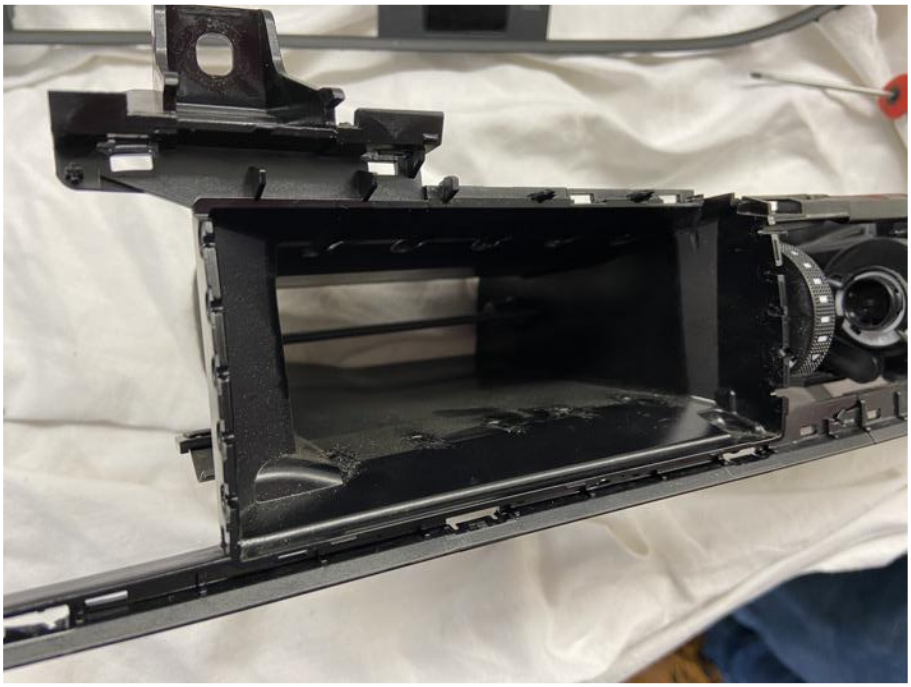
Look carefully where the aperture is held and proceed piece by piece until it can be completely removed:

Carefully pry out the air ribs of the LEFT nozzles with an assembly tool:



The vertical ribs are held at the top with tabs. Lift the tabs a little and remove the rib:

Now everything is removed:



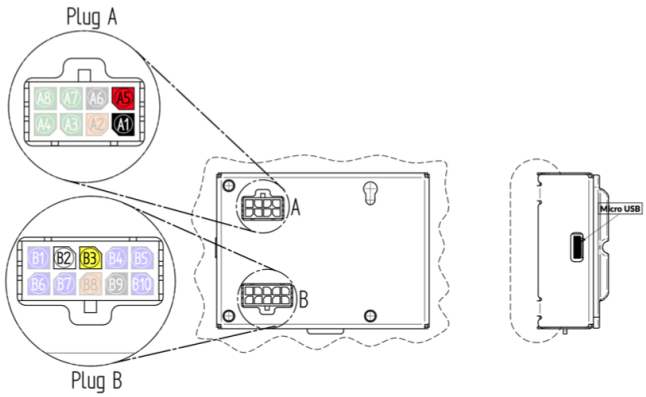
Laterally, we drill one large or two small holes: for the OBD connection cable and for the USB cable:

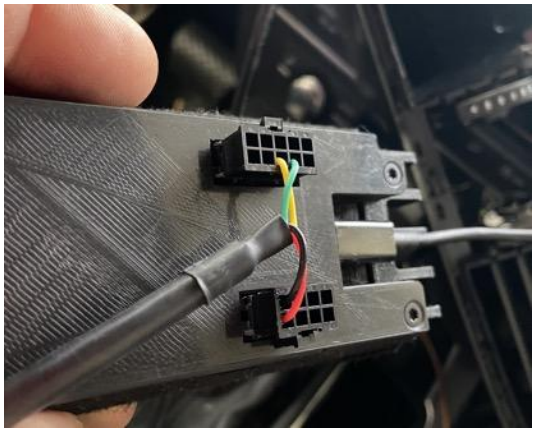
We thread the OBD cable from the OBD socket at the bottom left of the driver's footwell with the pulling aid for ventilation. We first led the pulling aid from the ventilation downwards, fastened the cable and then slowly pulled it upwards.

Connection cable and USB cable are both led through the drilled hole in the ventilation:

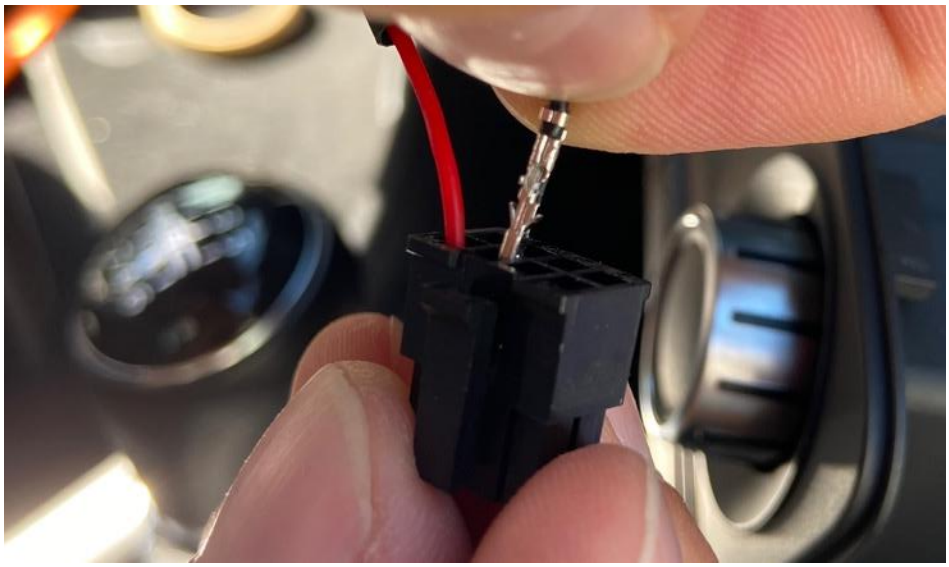
Pin the pins into the two connectors (A=8x, B=10x). Please pay attention to the enclosed note from the connection cable and the quickstart guide of the display.

12V => A5 (red)
Mass => A1 (black)
Can High => B2 (grün)
Can Low => B3 (gelb)





The pins are to be inserted with the two guide noses upwards towards the tab of the connector until it clicks in:



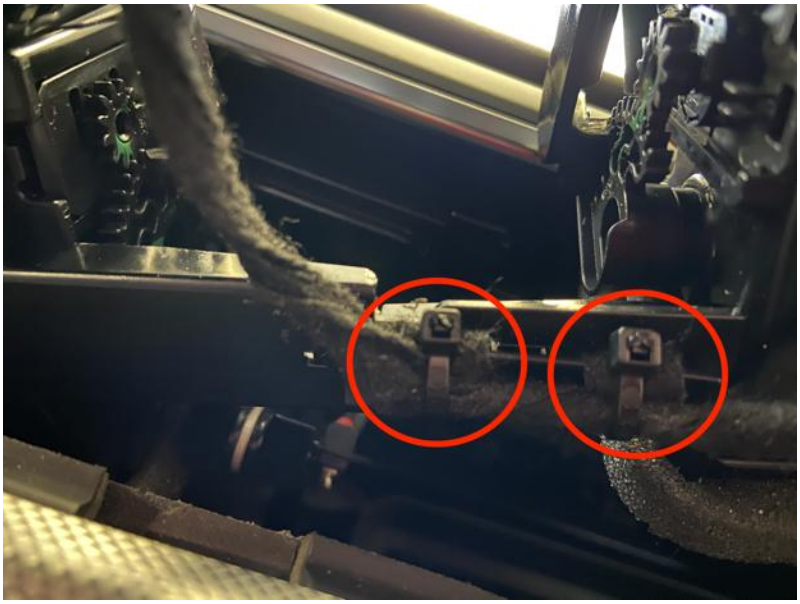
Please attach the USB cable very carefully to the display. The connection is very fine and can break off at increased pressure.

We hide the USB cable at the bottom of the center console. Move your hand between them and insert the USB cable.

The display clicks on the original attachments of the air ribs. Click in all noses with gentle pressure.

The black-matte cover also clicks in again, as well as the bezel (here on the model aluminum).

Attach the cable (either with tape or two small cable ties) where the tape was previously cut:



Acceptance test

When everything is back in place, the display can be plugged into the OBD socket. As soon as you turn on the ignition, the display starts.

So far everything is set up in advance. But you have to select the matching TRI file for your engine code. To do this, proceed as follows:

1) Tap the display once
2) At the top of "Menu" then on "TRI File"
3) On the right side you select the appropriate file (see point 8)
4) Tap "Load"
5) Please check that "Can Term" is active and the "Can Speed" is set to 500kbps. If you have to change something here, you need a display restart (switch off / on)
6) With "Exit" you get back to the standard view

In addition, the item "Protocol" must be set to UDS in the menu.

Assembly

Now the assembly takes place in reverse order. First insert the ventilation unit on the left side and then click in with your hands on the right. Screw the two screws of 10.

At the end, insert the top cover and press with the flat hand until it clicks into place.

Set up the views

The display offers maximum flexibility. The total of 10 views are completely customizable. To approach here, start with an empty display. To do this, tap the display once (stop) and then tap in the middle left – so you scroll backwards. If you type in the middle right, you scroll forward.
First, let's scroll to view 10, as it should be empty.
Here you tap (stop) once and then on "Widgets" at the top of the bar. With "New Widget" you create a new widget. The approximate position can now be determined by tapping on the new position (do not swipe like on the smartphone).
At the top of the list using "Type" you can choose from different widget types. In addition, there are additional settings for each widget type in the upper right corner of the bar, such as color ("color"), background ("BG"), warning ("warning"), etc.
The sensor to be displayed is selected in the bar via "Sensor". Tap this and a list of all available sensors will appear. Here you scroll through the list and choose the right one. Back on "Sensor" the standard widget bar appears again.
If you tap on "Position" you will now see "Size" and four arrows to adjust the size of the widget.
When you are done with all settings, press "done".
With "Exit" the settings are saved to the SD card.
If you want to remove a widget, press "Type" until "Remove" is written in the widget and then "Done".

Concluding

We hope you have as much fun with your CANchecked display as we do. If you have any questions, you are welcome to contact us via the ticket system (https://www.canchecked.de/ticket) and discuss your concerns with us.

We have also created a group for the community on Facebook, where you can exchange ideas with other users and find the solution to one or the other question:

https://www.facebook.com/groups/CANchecked/