

V1.0

**INSTALLATION
GUIDE**



CAR MEDIA SYSTEMS



VNA-CON-F8

SMART NAVICEIVER

MOBILE INTERNET READY

VISION ANDROID™ SERIES

IMPORTANT NOTES

This guide is an aid for the professional installation of the device.

Please note the following notes before installation:

- Always handle all parts of the device and the components of your vehicle with care.
- Under all circumstances observe the regulations of the vehicle manufacturer and do not make any changes to the vehicle which could impair driving safety.
- For safety reasons, disconnect the vehicle battery's ground connection before installation.
- Please always pay attention to the correct polarity of the connections.
- Please do not modify any harnesses or connections of the device or the vehicle as this may affect the warranty.
- Make sure that no cables are squashed or cause a short circuit.
- Do not lay cables in front of the airbags, e.g. in the dashboard or in a way that affects their function.

COMPATIBILITY

Compatible with the following vehicles:

Fiat Ducato 8 (2021+) with restrictions for vehicles with automatic climate control and digital display; special conversion work may be necessary.

Compatible with the following devices:

VN930

VN940-4G

VN1030

VN1040-4G

VN1050-4G

SCOPE OF DELIVERY

1 x Upper Console

1 x Lower Console

1 x Ventilation panel on the left

1 x Ventilation panel on the right

1 x Decoration strip for left ventilation panel

1 x Decoration strip for ventilation panel on the right

1 x Spacer for left ventilation panel

1 x Spacer for ventilation panel on the right

2 x Self-adhesive drilling template

4 x Mounting Screw

INSTALLATION INSTRUCTIONS

The instructions presented to you were created in the following vehicle:

Fiat Ducato 8 from 2022

- Manual air conditioning
- Clipboard in the center console
- Radio preparation ex works

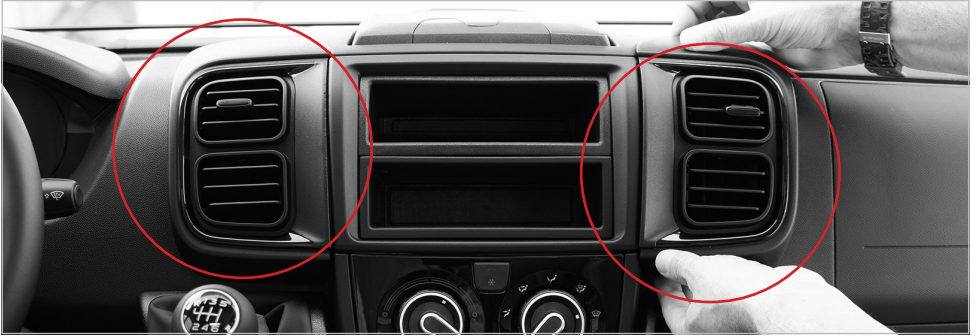
Depending on the vehicle version and equipment, the individual work steps can vary, but are basically the same.

- 1** Removing the original console (page 4-6)
- 2** Conversion of the original ventilation units (pages 7-9)
- 3** Conversion of the ESX console (pages 10-11)
- 4** Modification of the ESX console (page 12)
Only required for vehicles with an inductive charging cradle or storage cradle
- 5** Installing the ESX Naviceiver (page 13)
- 6** Installing the ESX console (pages 13 - 15)

RECOMMENDED TOOLS

- 1 x Torx screwdriver T25
- 1 x 6mm Hexagon Socket Screwdriver
- 1 x Tip Gripping Tongs
- 1 x Flat Screwdriver
- 1 x Milling drill Ø 4 mm

1. REMOVING THE ORIGINAL CONSOLE



1.1 The illustration shows a vehicle with radio preparation. First, carefully remove both ventilation units from the dashboard and set them aside.

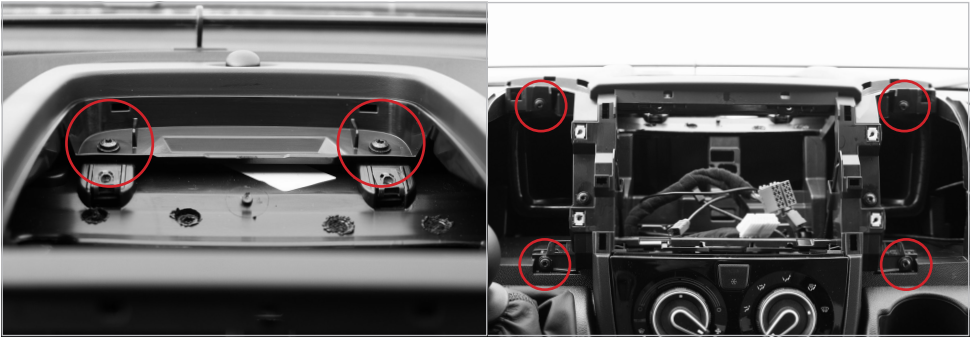


1.2 After you have loosened the four screws marked above, lever out the original installation frame and remove it.

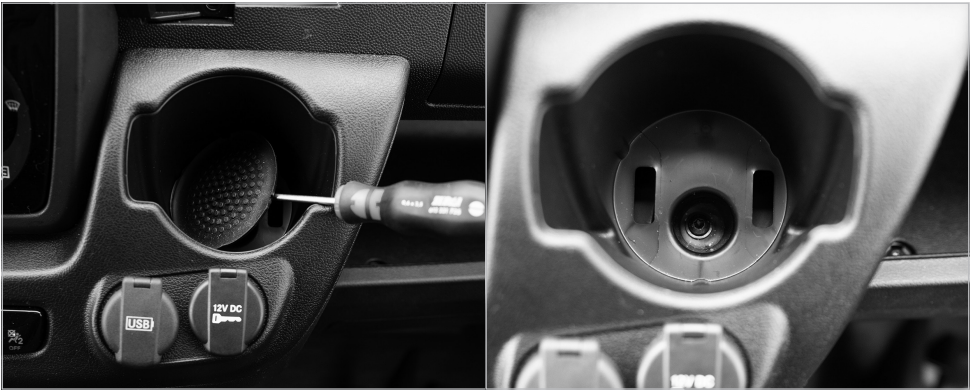


1.3 Fold the terminal board out to the front and loosen the screws marked at the top left. Next, loosen the two screws marked at the top right in the radio slot.

1. REMOVING THE ORIGINAL CONSOLE



1.4 Remove the terminal board and loosen the two screws marked above underneath. Then loosen the four screws marked at the top right.



1.5 Now remove the rubber insert in the cup holder on the center console and loosen the screw underneath.

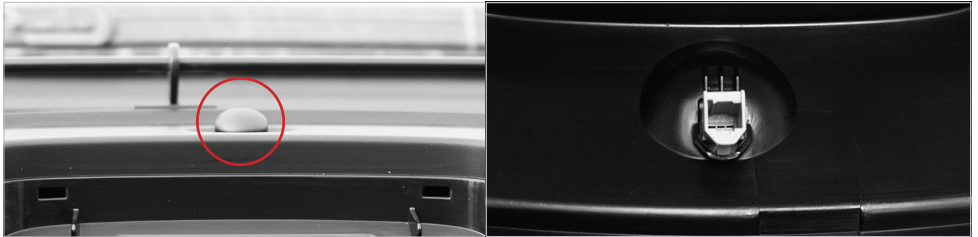


1.6 Carefully lever out the lower part of the center console and fold it forward along with the connector plugs that are still plugged in.

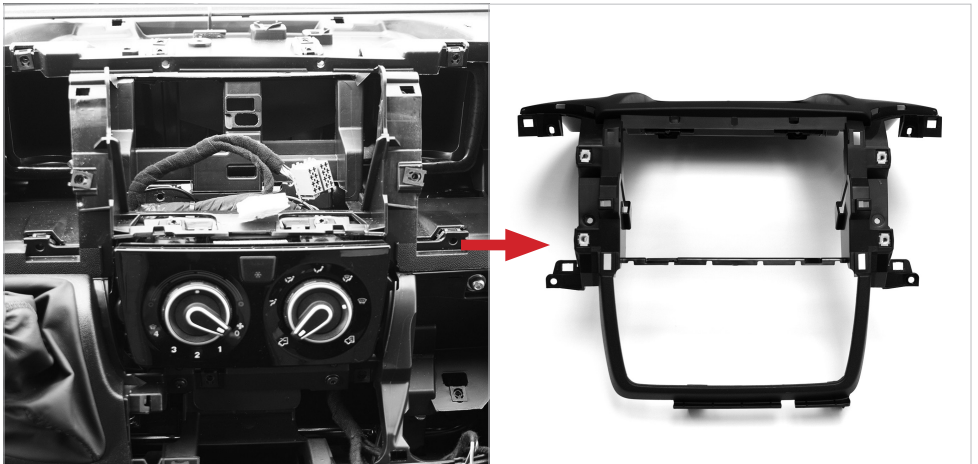
1. REMOVING THE ORIGINAL CONSOLE



1.7 Remove the two screws that are slightly set back (see marking above) below the two air conditioning and ventilation controls.



OPTIONAL: On vehicles with automatic air conditioning, the temperature sensor connector must be removed from the installation console. This is located under the spherical cover below the windshield.

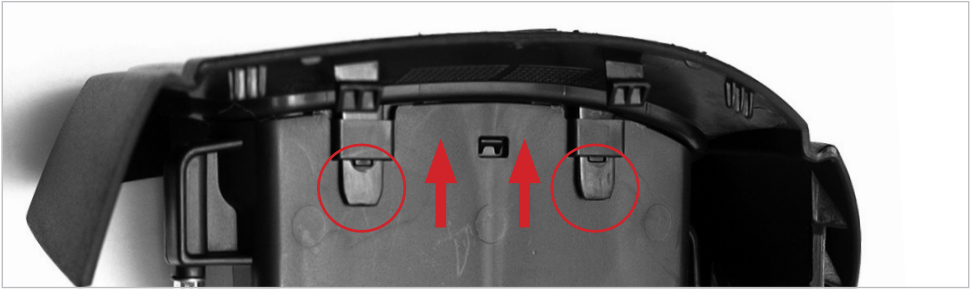


1.8 Then remove the entire installation console from the dashboard and put it aside for now.

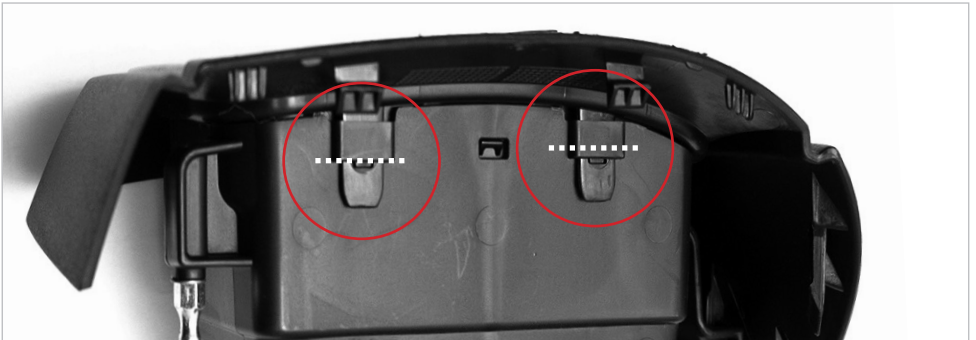
2. CONVERSION OF THE ORIGINAL VENTILATION UNITS



2.1 Now take a look at the original ventilation units that you previously removed from the dashboard. The rear ventilation housings must now be removed on both.

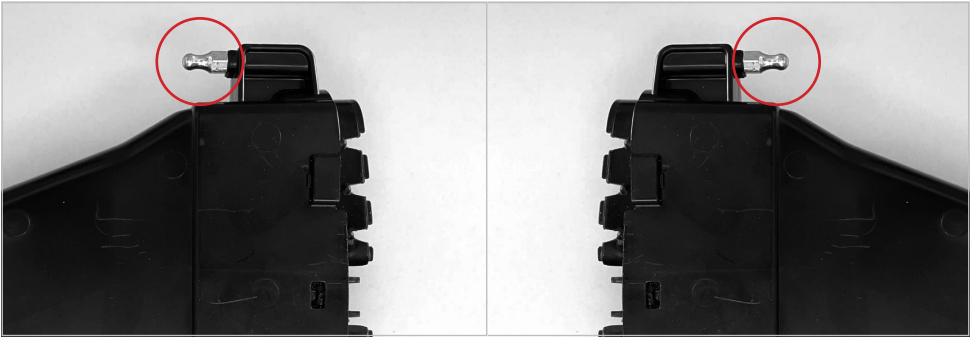


2.2 Method A: Slide the four locking tabs, two each on the right and left side, out of the brackets as marked above. Try to unlock the locking tabs carefully, otherwise the brackets you will need later could be damaged.

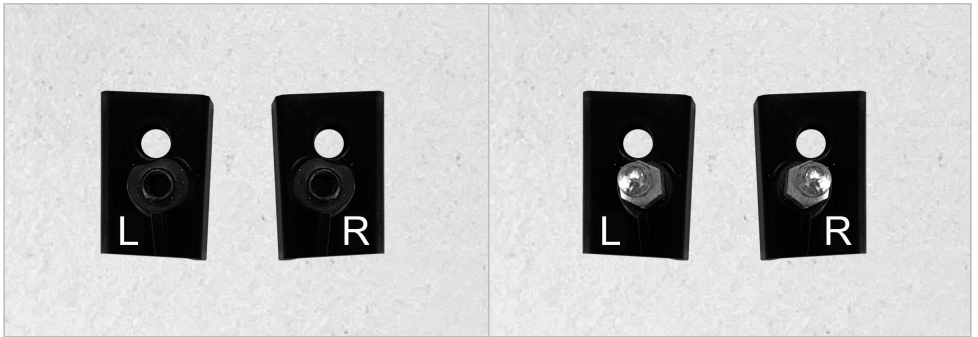


2.3 Method B: Alternatively, you can also cut the four locking tabs at the white lines marked above. The tabs of the original ventilation panels that are no longer needed are then damaged, but can be removed much easier from the ventilation housing.

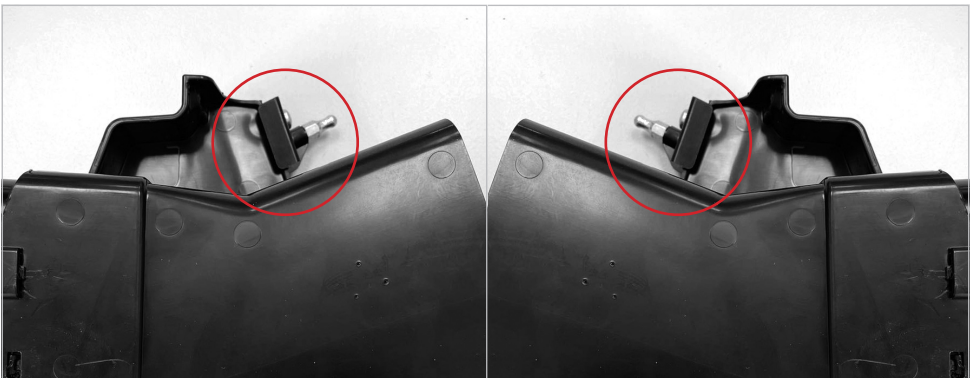
2. CONVERSION OF THE ORIGINAL VENTILATION UNITS



2.4 Now remove the ball anchors marked above on both ventilation housings.



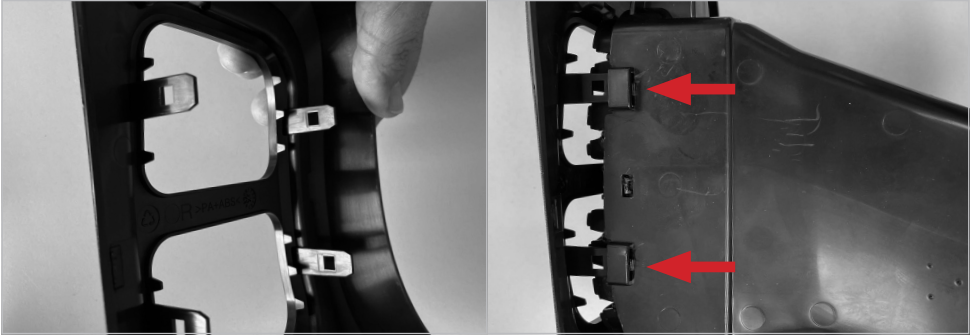
2.5 Then screw the two ball anchors onto the two spacers provided.



2.6 Now attach the two spacers including the ball anchor to the ventilation housing.

ATTENTION: Make sure that the spacer L is attached to the left ventilation housing and the spacer R to the right housing.

2. CONVERSION OF THE ORIGINAL VENTILATION UNITS

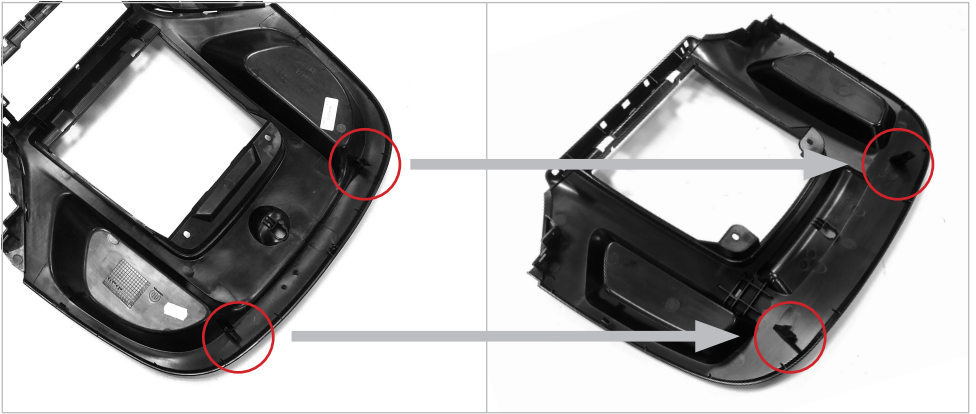


2.7 Now take the two new included ESX ventilation covers for the ventilation housings. Then carefully push the previously installed ventilation housings onto the two ESX ventilation panels until they click into place.



2.8 Now insert the two enclosed decorative strips into the ESX ventilation panels. The trim strips are available in matt silver. Optionally, the trim strips can also be ordered in high-gloss black (separately under item number: VNA-F8-IB).

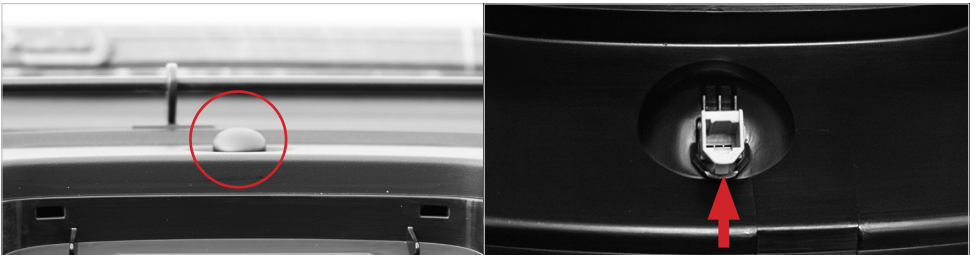
3. CONVERSION OF THE ESX CONSOLE



3.1 First, two retaining clips from the original console must be moved to the upper part of the ESX console (see marking above).



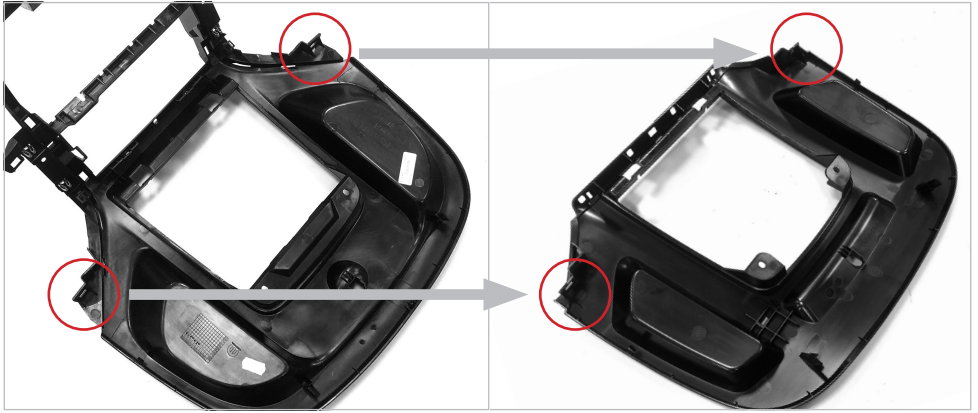
3.2 Use suitable pliers to remove the retaining clips.



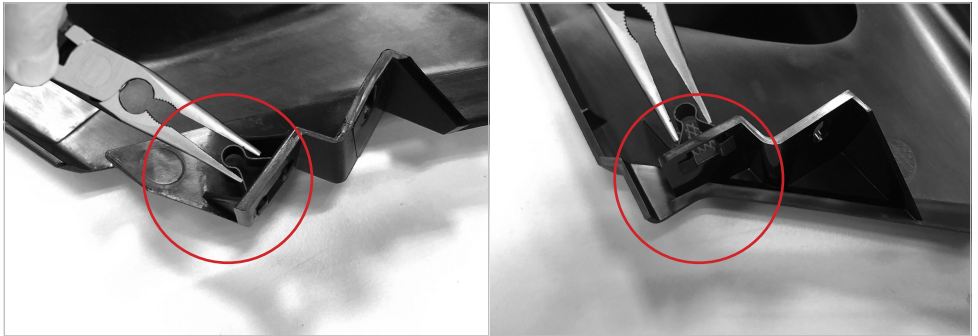
3.3 On the upper part of the original console there is still the spherical cover, which also needs to be installed in the ESX console. To do this, unlock the tabs of the green connector on the bottom of the original console and pull the cover upwards. Then insert the cover into the ESX console.

IMPORTANT: On vehicles with automatic climate control, the green connector must be reconnected to the vehicle's connector when installing the ESX console.

3. CONVERSION OF THE ESX CONSOLE



3.4 Next, two retaining clips from the original console must be moved to the upper part of the ESX console (see marking above).

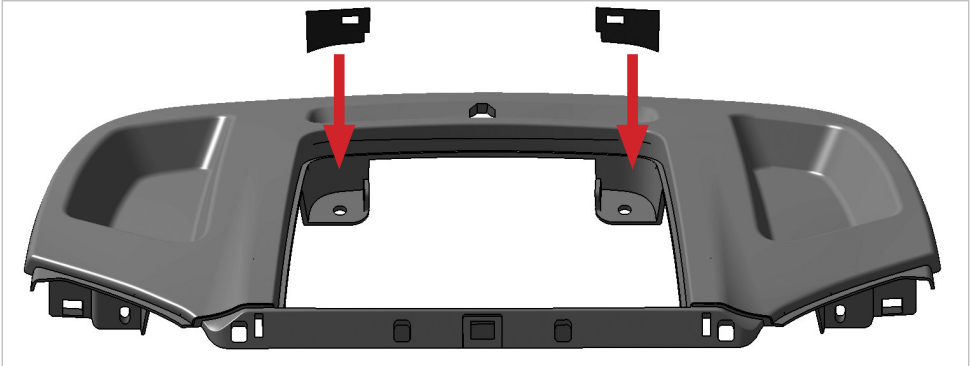


3.5 Use suitable pliers to remove the retaining clips. Then insert the two retaining clips into the upper part of the ESX console (see marking above). The tabs of the retaining clips must point towards the dashboard.

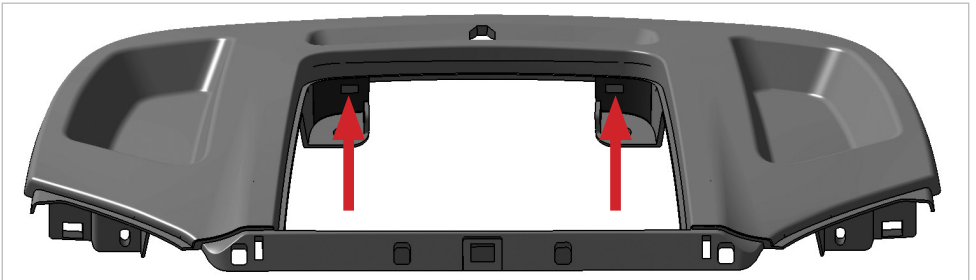
4. MODIFICATION OF THE ESX CONSOLE

OPTIONAL: If your vehicle is equipped with an inductive charging cradle for smartphones or the simple storage cradle at the top of the dashboard, the upper part of the ESX console must be modified accordingly.

In this case, the storage tray is only hung in and not screwed on. Therefore, the appropriate openings must be drilled for this.



4.1 To do this, attach the two enclosed self-adhesive drilling templates as described above.

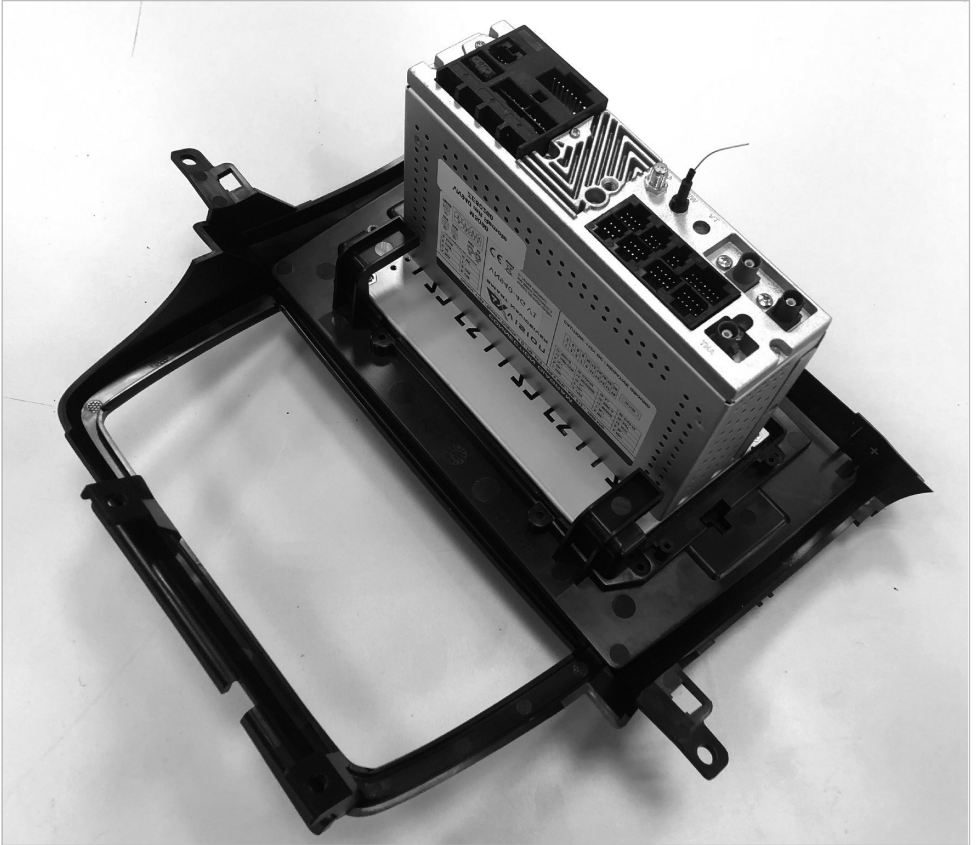


4.2 Now use a suitable milling drill to drill a hole within the area that is not covered by the drilling template and remove the rest of the recessed area. The diameter of the milling drill may be a maximum of 4 mm.

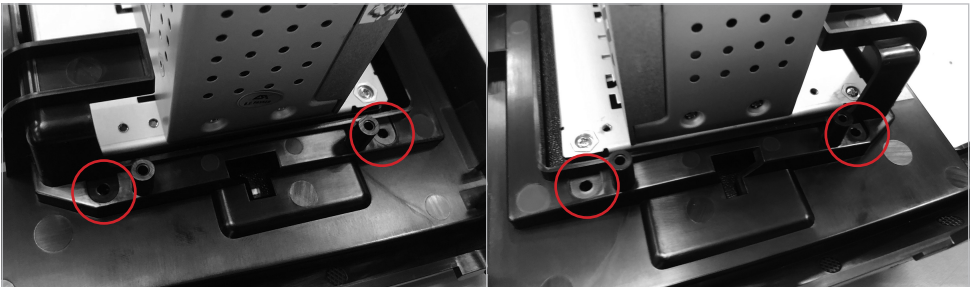


4.3 Before you install the upper part of the ESX console, first check whether the storage tray can be inserted into the recess provided. If this is the case, the upper part of the new ESX console can be installed in the dashboard.

5. INSTALLING THE ESX NAVICEIVER

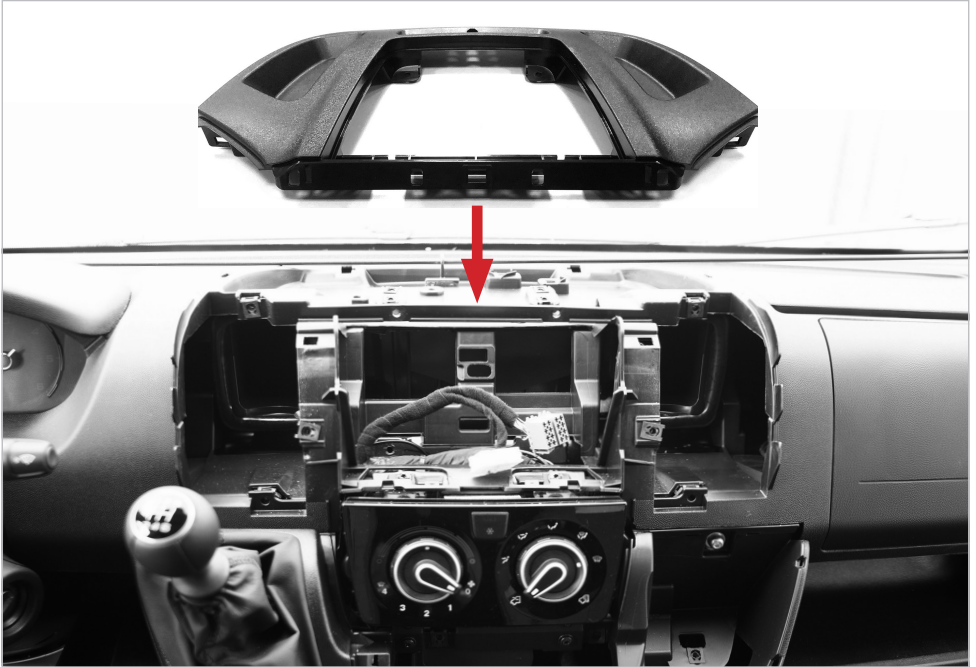


5.1 Insert the ESX Naviceiver from the front into the lower part of the ESX console as shown above. Make sure it is secure and that the device fits snugly in the frame.

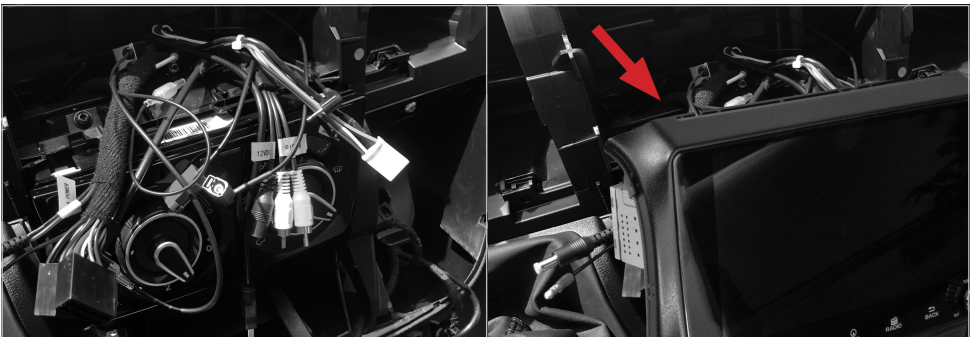


5.2 Then attach the ESX Naviceiver to the inside using the four screws provided. Make sure the screws are tight but not overtightened.

6. INSTALLING THE ESX CONSOLE



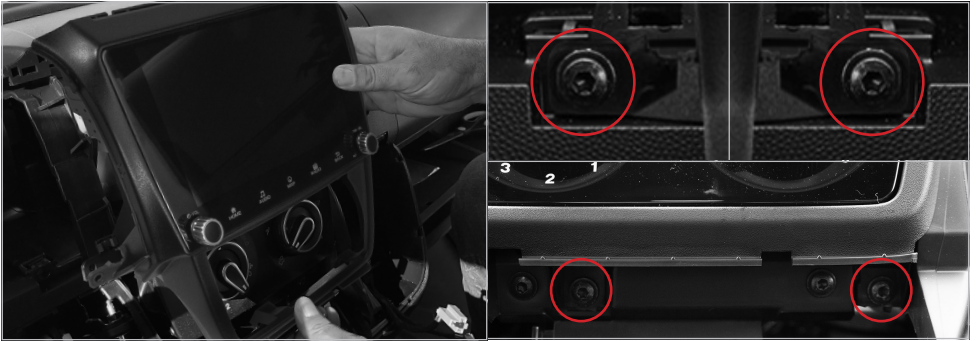
6.1 Insert the upper part of the ESX console into the dashboard as shown above. Then carry out steps 1.3 to 1.4 (pages 4 and 5) in reverse order to attach the upper part of the ESX console and reinstall the clipboard or storage compartment.



6.2 Now install all accessories such as DAB, GPS or 4G/LTE antennas in the vehicle as described in the device's installation instructions. Then lead all the necessary cables and connectors out of the large opening in the radio slot.

Then connect all required cables and connectors to the back of the ESX Naviceiver as described in the installation instructions.

6. INSTALLING THE ESX CONSOLE



6.3 Then push the ESX Naviceiver into the radio slot in the lower part of the ESX console. Make sure that the lower part snaps firmly into the upper, already mounted part of the ESX console.

Then secure the ESX console with a total of four screws (see marking above). Two must be screwed in approximately in the middle on the right and left of the device. The other two screws must be screwed in below the air conditioning and ventilation controls.



6.4 Fold the control unit below the air conditioning and ventilation controls back into the dashboard. Then reattach the screw in the cup holder and insert the rubber insert (see 1.5 and 1.6 on page 5).



6.5 Finally, insert both ventilation units into the dashboard. Finally, carry out a functional test.



CAR MEDIA SYSTEMS



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