

V1.2

**INSTALLATION
GUIDE**



CAR MEDIA SYSTEMS



VN715-E39-DAB

INFOTAINMENT
TOUCHSCREEN NAVICEIVER
VISION SERIES FOR ANDROID™

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

BMW 5 Series E39 (1996 - 2001) with 17-pin system connection

BMW 5 Series E39 (2002 - 2003) with 40-pin system connection

BMW X5 E53 (2000 - 2001) with 17-pin system connection

BMW X5 E53 (2002 - 2007) with 40-pin system connection

BMW M5 (1996 - 2003) with 17-pin or 40-pin system connection

On vehicles where the control unit is located in the trunk, the following accessories are required:

Extension cable 17-pin, 6.5 m, incl. antenna extension to DIN I-bus and antenna remote line

Extension cable 40-pin, 6.5 m, incl. antenna extension to DIN I-bus and antenna remote line



RECOMMENDED TOOLS



Phillips screwdriver

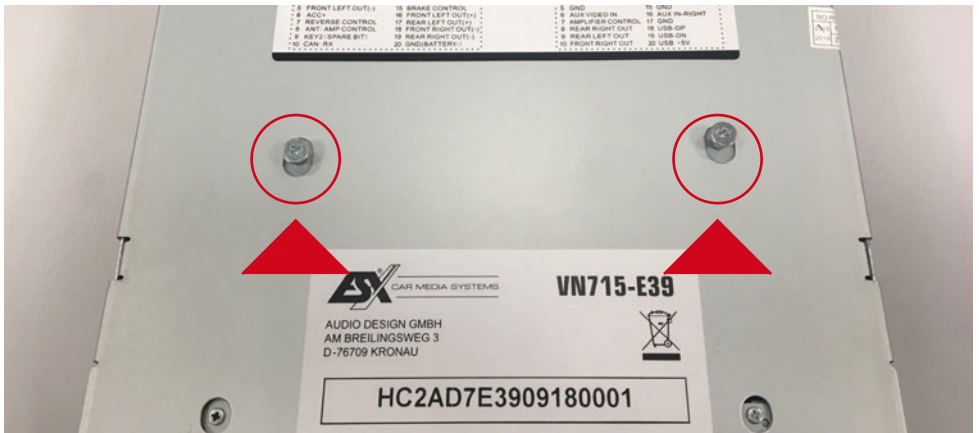


Flat slotted screwdriver












Cable ties

TRANSPORT LOCK



Unscrew the two screws securing the transport lock of the CD/DVD drive.

SCOPE OF DELIVERY

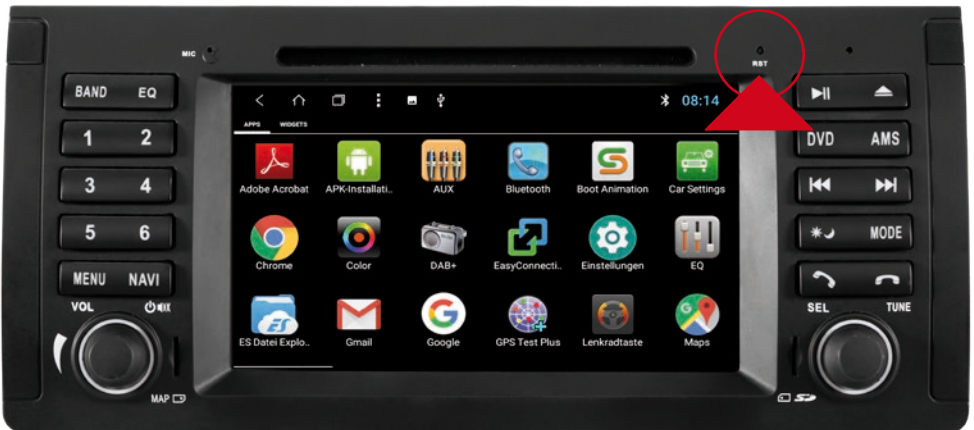
ITEM	FIGURE	QUANTITY
Main device		1
Mounting brackets		2
System connector with CAN-Bus decoder 40-pin		1
System connector standard 17-pin		1
USB adapter cable with 2 USB ports		1
Antenna adapter Fakra on ISO		1
AV connector with all audio and video connections and additional USB port		1
GPS antenna		1
DAB antenna with USB adapter for the connection with one of the two USB ports		1

MICRO SD SLOT FOR NAVIGATION SOFTWARE



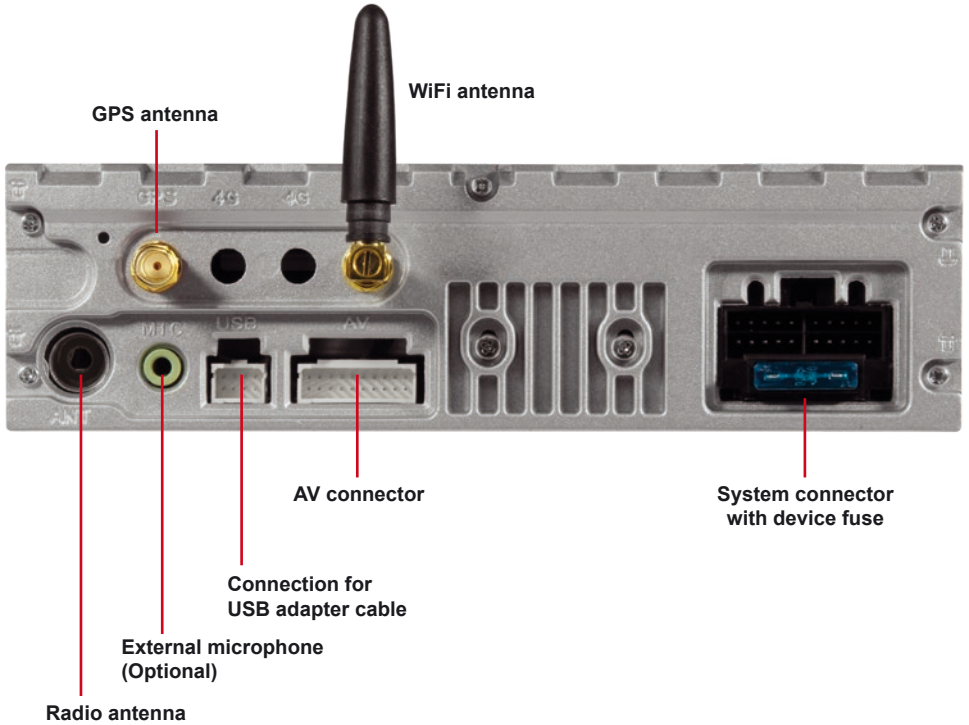
Here you can insert the MicroSD card of the navigation software. For the device to have access, you may need to assign the access path in the Apps menu under “Settings”.

RESET BUTTON

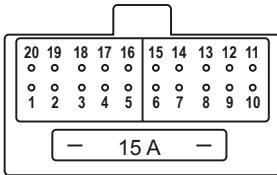


If the device stops responding to input, the system is overloaded or crashed. Then reboot the system by pressing the reset button (RST) on the front panel. Use a suitable object, such as a paper clip or a ballpoint pen. After pressing the reset button, the system re-starts without losing your previous settings.

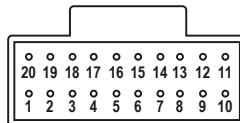
WIRING DIAGRAM



System connector with device fuse



AV connector



- 1 BATTERY (+12V)
- 2 REAR RIGHT OUT (+)
- 3 FRONT RIGHT OUT (+)
- 4 REAR LEFT OUT (-)
- 5 FRONT LEFT OUT (-)
- 6 ACC +
- 7 REVERSE CONTROL
- 8 ANT/AMP CONTROL
- 9 KEY2 (SPARE BIT)
- 10 CAN-RX

- 11 LIGHT CONTROL
- 12 STEERING GND
- 13 KEY1
- 14 CAN -TX
- 15 BRAKE CONTROL
- 16 FRONT LEFT OUT (+)
- 17 REAR LEFT OUT (+)
- 18 FRONT RIGHT OUT (-)
- 18 REAR RIGHT OUT (-)
- 20 GND (BATTERY -)

- 1 VIDEO OUT 2
- 2 GND
- 3 VIDEO OUT 1
- 4 CAMERA IN
- 5 GND
- 6 AUX VIDEO IN
- 7 AMPLIFIER CONTROL
- 8 REAR RIGHT OUT
- 9 REAR LEFT OUT
- 10 FRONT RIGHT OUT

- 11 FRONT LEFT OUT
- 12 SUBWOOFER OUT
- 13 GND
- 14 AUX IN-LEFT
- 15 GND
- 16 AUX IN-RIGHT
- 17 GND
- 18 USB-DP
- 18 USB-DN
- 20 USB +5V

INSTALLATION



Original radio.



Remove the button on the left side.



Inside the button is a small screw at the top, which has to be loosened.



Pull out the original radio.



Use the flat-head screwdriver to pry off the radio adapter.



Remove all remaining cable connections on the radio.

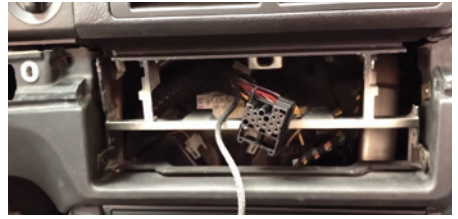


Remove the panels next to the steering wheel and on the passenger side. Now unscrew the screws underneath.

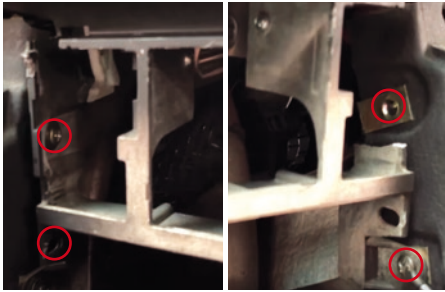
INSTALLATION



Loosen the marked screws.



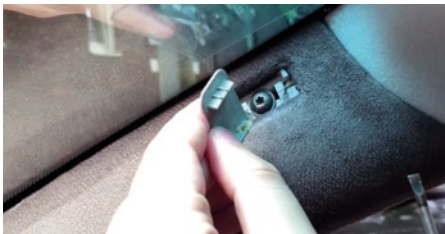
Remove the radio bracket.



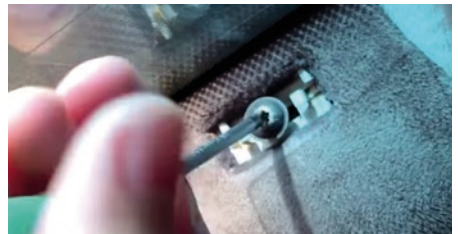
Loosen all 4 screws of the radio bracket.



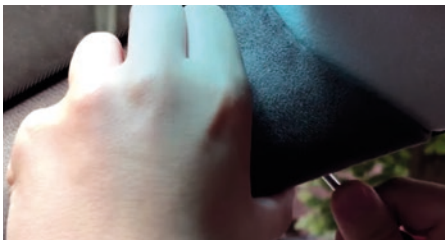
Pull out the lower part of the dashboard to remove the radio bracket.



Remove the airbag covers on the passenger side A-pillar.



Remove the screw underneath.



Gently pry out the panel.



ATTENTION! In the A-pillars of the driver and passenger side are the airbags!

INSTALLATION



Open A-pillar with airbag.



Remove the screws of the sun visor holder.



Open the passenger door and remove the lower dashboard screw.



Pull the door seal of the A-pillar to the lower last screw.



Hide the GPS antenna behind the headliner where the sun visor holder was previously.



Route the cable of the GPS antenna along the A-pillar.



Use the dashboard panels to route the cable in the direction of the center console.



INSTALLATION



Now squeeze the door seal again and make sure that it is tight.



Reinstall the screws of the dashboard.



Reinstall the A-pillar trim and gently pry the seal over it.



Now fasten the screw of the A-pillar.



Attach the airbag cover.



Attach the sun visor holder.



Remove the sun visor's passenger light and pull out the laid GPS antenna.

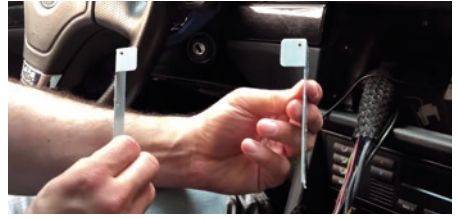


Attach the GPS antenna and fix the lights again.

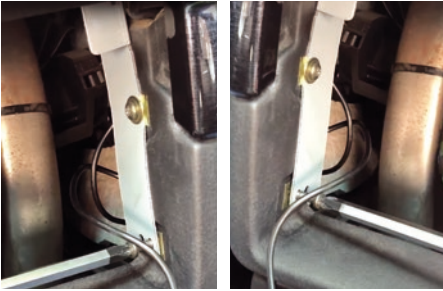
INSTALLATION



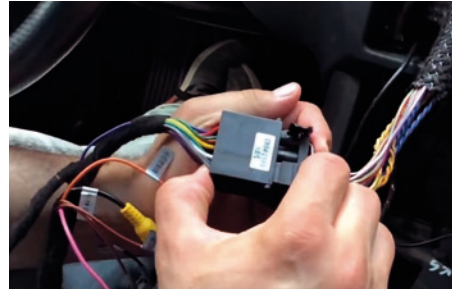
Attach all the panels again.



You will need the included mounting brackets to install the new device.



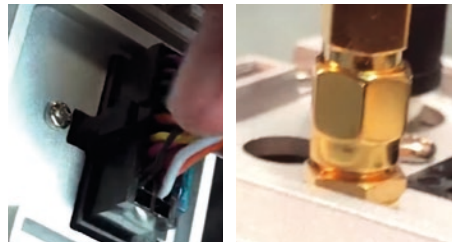
Mount the mounting brackets on both sides of the radio slot.



Plug in the supplied adapter plug into the radio wiring harness of the car.



Plug the CAN-BUS decoder into the adapter plug.



Connect the GPS antenna and all the other remaining cables to the device.



Remove the covers from the top corners on both sides of the unit to secure the radio.



Re-attach the covers at the top corners. The installation is now complete.



CAR MEDIA SYSTEMS



ESX Car Media Systems · Audio Design GmbH
Am Breilingsweg 3 · D-76709 Kronau/Germany
Tel. +49 7253 - 9465-0 · Fax +49 7253 - 946510
www.esxnavi.de - www.audiodesign.de

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