ZENEC

Z-E3150

DEVICE INSTALLATION MANUAL

EN

COMPATIBILITY LIST

Model	Type	Model Year
AUDI A3 (1st Gen)	8P	2006 – 2008**
AUDI A3 (Facelift > 2nd Gen)	8P	2008 – 2012
AUDI A3 (Sportback > 1st Gen)	8PA	2008 – 2010
AUDI A3 (Sportback > 2nd Gen)	8PA	2010 – 2012
AUDI A3 Convertible	8P	2008 – 2013
AUDI S3	8P	2006 – 2008**
AUDI RS3	8PA	2011 – 2012

** 1st Gen vehicle models lack various integration functions due to missing CAN data.

⚠ CAUTION

- The installation of the ZENEC system should be carried out by an authorized installer. Specific knowledge and tools are required to do the installation. Incorrect installation can cause damage to the vehicle and the ZENEC system.
- Correct functioning can only be guaranteed when you use the ZENEC original accessories included in the kit or those optionally available. The ZENEC system and the original accessories must under no circumstances be modified or altered in any way. Inappropriate actions can cause damage to the vehicle and the ZENEC system.

NOTE

- The target vehicle must factory configured with a OE radio or navigation systems. The ZENEC system is not compatible with vehicles, which are equipped with a hybrid or electro drive ex factory.
- This device installation manual applies to vehicle platforms appearing in the compatibility list on the previous page, and in a condition as offered by the respective vehicle manufacturer. Other differing configurations and installations may result in complications and malfunctions.
- The ZENEC system is equipped with an integrated DAB+ receiver. To make use of this you will need a suitable DAB antenna (not included in kit) that must be connected to the ZENEC system.
- If the target vehicle is already equipped with an original DAB antenna, it is still possible to use it in combination with the ZENEC system. Please use the DAB antenna connector (No. 6), which is part of the kit, for connection.
- The Z-E3150 comes with an adaptor interface, which fits to the double FM antenna plug from the vehicle. If this solution is not sufficient, e.g. the FM radio reception is deemed to be poor, the ZE-NC-ANT3 phantom power adaptor which is separately available, may help to improve FM signal level.
- Software updates to the ZENEC system are installed with a USB memory device. Therefore when fitting the system make sure that the USB connection of the ZENEC system will still be accessible later (installation of USB extension cable or USB hub).
- If you have questions or problems relating to the ZENEC system, please contact the dealer from whom you purchased it.
- Additional questions about the compatibility could be answered by using the ZENEC online configurator:

  www.zenec.com/configurator

THE KIT INCLUDES

No.	Article	Qty
1	ZENEC system	1
2	GPS antenna	1
3	Double-sided adhesive pad	1
4	Main connection cable Quadlock II	1
5	CAN bus interface	1

No.	Article	Qty
6	DAB antenna adapter (Fakra – SMB)	1
7	USB extension cable	2
8	24-pin connection cable (4.2, Cam, Mic)	1
9	FM antenna adapter (Single to twin Fakra)	1
10	Unlock tool	4

TOOLS REQUIRED

- Insulating tape

ADDITIONAL MOUNTING ACCESSORIES

- ZENEC ZE-NC-ANT3 (antenna interface)
- DAB antenna with SMB plug
  (e.g. Z-EACC-DAB1 or Z-EACC-DAB2)
- External microphone (N-ZENC-MIC)

EXAMPLE OF INSTALLATION AUDI A3
REMOVAL WORK AND PREPARATION:

NOTE

1. Remove the ignition key and keep it outside the car until the installation is finished.
2. Please wait for about 10 minutes until the CAN bus system is completely shut down, before you start with the uninstallation of the original device.
3. Now you can start with the uninstallation of the original device.
4. Please switch on the ignition only, once all installation steps are completed and the ZENEC system is firmly mounted.

1. Unlock the OE factory radio with the unlock tool (No. 10) contained in the set. You need to insert all four keys.

2. It should be possible to pull out the radio without applying brute force.

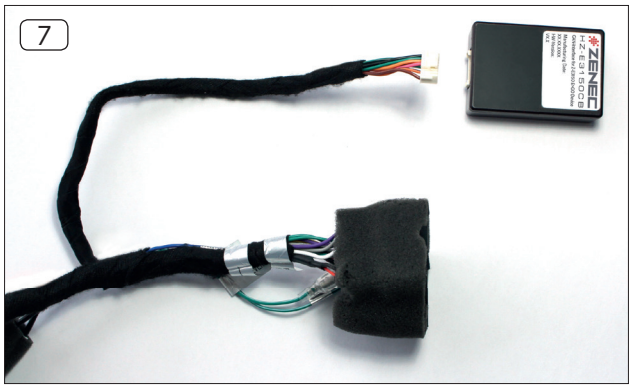
3. To completely remove the factory radio, all the cables (i.e. main wire harness, antenna cable etc.) must be unplugged on the backside of the device. Put the radio aside in a safe place, to protect it from damage.

INSTALLATION:

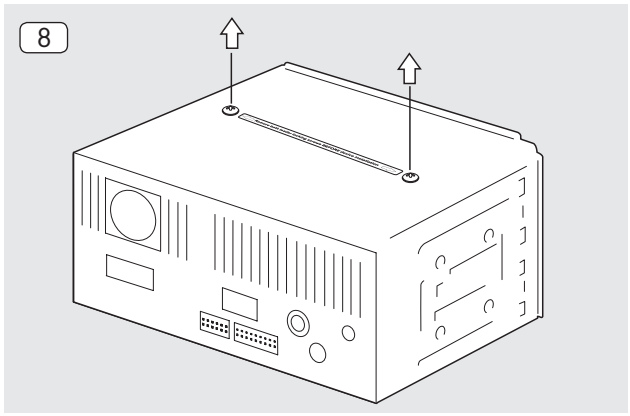
4. (No picture)
Install the GPS antenna (No. 2) in a suitable position, making sure that the GPS reception is not adversely affected by unwanted shielding of metallic vehicle parts (thermal insulation glazing, etc.). Then route the connection cable into the radio bay.

5. (No picture)
If you have purchased the optional external Bluetooth microphone (N-ZENC-MIC), install it now and route the connection cable into the radio bay. Depending on your preference, and whether you select an internal or external microphone, the microphone source for Bluetooth mode must be set accordingly in the unit menu.

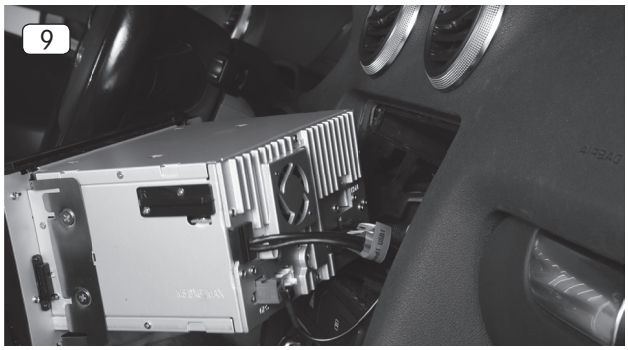
6. (No picture)
Route the USB extension cable´s (No. 7) from the radio bay to your preferred position.



7. Connect one of the main connection cables (No. 4) of the ZENEC system (No. 1) to the Quadlock connector of the car and close its locking mechanism. Following this, connect the CAN bus interface (No. 5) to the main connection cable.



8. Before installing the ZENEC system (No. 1) remove the two transport securing screws.



9. Connect all the cables to the ZENEC system (No. 1) those previously run in the radio slot, and the original antenna cables.

10. Neatly arrange the wires to the side, making room for the ZENEC system. Carefully slide it into the radio slot. Push back the Z-E3150 until you hear the clicking sound of the latching mechanism.

11. The installation of your Z-E3150 is now complete.

NOTE

- Make sure that all connectors at the rear of the ZENEC system have sufficient room and are not bent.
- Connectors without a retaining mechanism must be additionally secured with insulating tape.

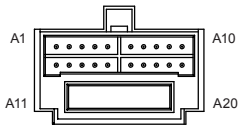
COMMISSIONING

Finally carry out a general functional test and perform the basic and car specific settings (AC, OPS etc.). Also ensure that no fault warnings appear on the vehicle side.

CONNECTION DIAGRAM

A

20 PIN CONNECTOR
(DEVICE BACKSIDE)

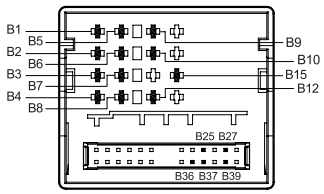


A1	CAN RX
A2	Reverse
A3	KL 15 / Switched +12V PWR
A4	Illumination
A5	Analog Wheel KEY 2
A6	Analog Wheel KEY 1
A7	Speaker Rear Left (-)
A8	Speaker Rear Left (+)
A9	Speaker Front Left (-)
A10	Speaker Front Left (+)
A11	CAN TX
A12	P. ANT +12V** (Antenna)
A13	P. CNTR +12V** (Amplifier)
A14	Parking
A15	KL 31 / Power GND
A16	KL 30 / Permanent +12V PWR
A17	Speaker Rear Right (-)
A18	Speaker Rear Right (+)
A19	Speaker Front Right (-)
A20	Speaker Front Right (+)

** 300mA max current

B

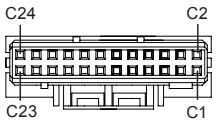
QUADLOCK II
CONNECTOR



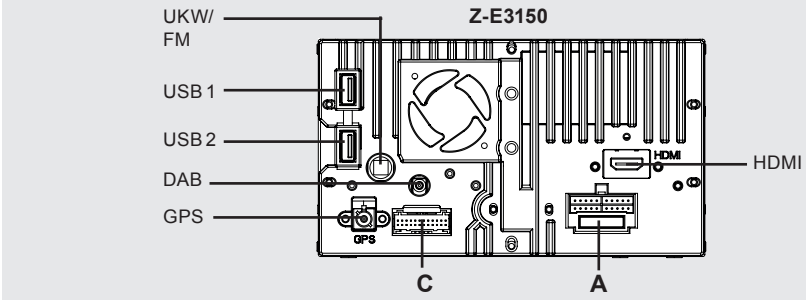
B1	Speaker Rear Right (+)
B2	Speaker Front Right (+)
B3	Speaker Front Left (+)
B4	Speaker Rear Left (+)
B5	Speaker Rear Right (-)
B6	Speaker Front Right (-)
B7	Speaker Front Left (-)
B8	Speaker Rear Left (-)
B9	CAN High
B10	CAN Low
B12	GND
B15	B+
B25	Line Out Front L
B27	Line Out Rear L
B36	GND
B37	Line Out Front R
B39	Line Out Rear R

C

24 PIN CONNECTOR



C1	Rear Monitor Out
C2	N.A.
C3	Camera IN
C4	Video IN
C5	AUX IN L
C6	AUX IN R
C7	Line Out Rear L
C8	Line Out Rear R
C9	Line Out Front L
C10	Line Out Front R
C11	Line Out Sub Woofer
C12	Line Out Sub Woofer
C13	MIC
C14	N.A.
C15	IR/IN
C16	GND
C17	N.A.
C18	Camera +12V (max 300mA)
C19	N.A.
C20	N.A.
C21	N.A.
C22	N.A.
C23	N.A.
C24	N.A.



USB1:
• Apple MFI
• USB Media Playback, -Smartlink Direct, -Software Updates

USB2:
• Apple MFI
• USB Media Playback, -Smartlink Direct, -Software Updates