

Version 1.00

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Installation instruction
FISTUNE® Antenna module
Audi A6 4F Avant 2G/3G

Article no. 39533, 39533-2, 39533-3

KUFATEC



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Copyright

Our assembly and operation manuals, assembling diagrams and additional documentation in text or picture form are protected by law.

Disclosure and distribution of this documentation through print or online media is permitted only after previous written acceptance from Kufatec GmbH & Co. KG.

General advice

While developing this product, your personal safety combined with the best operating service, modern design and an up-to-date production technique was especially taken into account.

Unfortunately, despite the utmost care injuries and/or damages might occur due to improper installation and/or use.

Therefore please read with great care and completely this operating manual and store it appropriately!

For your safety all our products pass through a 100% control check.

We reserve the right to carry out technical changes which serve the improvement at any time.

According to each article and purpose, it is sometimes necessary to check each country's legal regulations before installing and starting the unit.

In case of guarantee claims, the device has to be sent back to the seller in the original packaging with the attached bill of purchase and detailed defect's description. Please pay attention to the manufacturer's return requirements (RMA). The legal warranty directions are valid.

The warranty claims as well as the operating permissions become invalid due to:

- a) unauthorized changes to the device or accessories which have not been approved or carried out by the manufacturer or its partners
- b) opening the device's frame
- c) self-made repairs on the device
- d) improper use / operation
- e) brute force to the device (drop, willful damage, accident etc.)

During installation, please pay attention to all safety relevant and legal directions.

The device has only to be installed by trained personnel or similarly qualified people.

Please limit the failure search to ca. 0,5 hour for the mechanical resp. 1.0 hour for electric labors during the assembly or functioning problems.

To avoid unnecessary additional expenses please send immediately an inquiry to our technical support using the Kufatec form (<http://www.kufatec.de/shop/de/infocenter/>).

Please provide always the following information:

- chassis number
- part number of the add-on kit
- exact description of the problem
- already executed labor

Safety instructions

The installation can be executed only by trained qualified personnel. Before the installation disconnect the power supply. Therefore cut off the battery from the vehicle electric system, follow the manufacturer's specification.

- *Never use bolts, screws and other fastening elements from car's safety devices or steering wheel, brakes because it may influence your driving safety and cause accidents.*
- *Connect the device only to a 12V vehicle voltage with chassis ground to the car body. This unit cannot be used in large trucks or other vehicles which use a DC 24 V battery wiring system voltage.*
- *Avoid to install the device in places where it could hinder the safe driving or functional efficiency of the other units installed in the vehicle.*
- *This unit is only for the use with the following vehicles and model line; Only connections described within this instruction manual are allowed or required to use for installation.*
- *For damage impact caused by faulty installation, unsuitable connections or assembling in inappropriate vehicle types or models Kufatec GmbH & Co.KG assumes no liability.*
- *We advise you that these units process data out of the MOST protocol from the vehicle. During the assembly of this unit we as supplier have access to a specific model and we as producer don't know the overall system you work with.*
- *Especially in case of changes within the same model line and the same model year we don't guarantee the usability of our products. In case of the usability of our products with the manufacturer's changes Kufatec GmbH assumes no liability.*
- *Kufatec GmbH assumes no liability that the assembly of the unit described in this manual is approved according the warranty regulations of the single car manufacturers. Please check your manufacturer's conditions and warranty before you begin the installation.*
- *Kufatec GmbH reserves the right to change the device specification without further notice.*
- *Errors and changes excepted.*

References of legal regulations for operation

Use this unit in the intended domain only.

If you use the unit in a foreign domain, if the unit is not installed properly, or if the unit will be reconstructed the operating permit and warranty will expire.

Notes

NOTE: In case of the article no. 39533-3 (park heating on-board) the middle braze point at the shield is foreseen for the park heating.

Scope of delivery for 39533, 39533-2, 39533-3

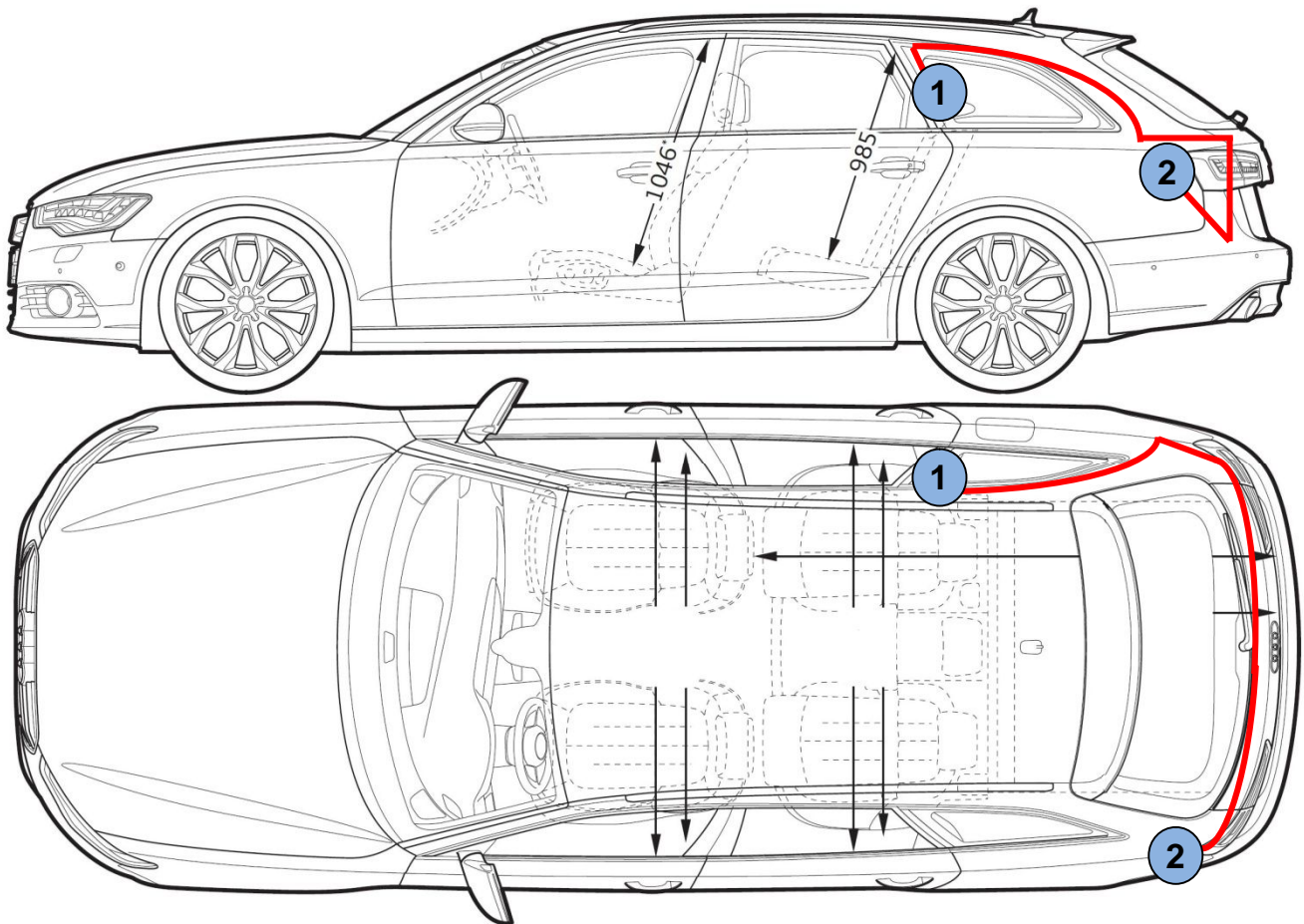
FISTUNE® Antenna module

Antenna wire

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Installation instructions

The following presentation shows the laying of the wires and the position of the single components as well.



Scheme

- 1 – Antenna module
- 2 – FISTUNE® Interface

In case of this vehicle the antenna module is situated on the rear right-hand C-column (fig.1). In order to reach on here begin with turning down of the rear bench seat.



Fig. 1

Pull apart all the elements as shown in the figure 2. The guiding rail of the belt is not screwed. Press the rail aback (fig.3) and lift it afterwards.



Fig. 2



Fig. 3

Now remove the bolt as shown in figure 4.



Fig. 4

As next you can remove the cover in front of the antenna module.

Installation for vehicles without the factory-made DAB Tuner

Tighten the antenna module in the expanding nut designated for this purpose and braze the wire coming from the **PIN 1** of the black plug connector to the indicated position of the plate (upper braze point) (fig.5).

Braze the blue wire coming from the PIN 2 of the black plug connector to the plate (lower braze point)



Fig. 5

The middle braze point is foreseen for the vehicles with park heating.

Installation for vehicles with ex-factory available DAB Tuner

Remove the on-board antenna module pulling the plug out and loosening the bolt. Subsequently connect the new antenna module, screw it in place and insert the plugs again.

Brazing is in this case not necessary because all the contacts are already connected to the plate.



Fig. 6

Laying of the wires

Plug the FAKRA wire into the module and lay the wiring behind & under the linings and coverings, if possible on the basis the existing wiring harnesses, alongside (fig. 7) toward the radio box and connect the other end of the antenna module with the FISTUNE®.



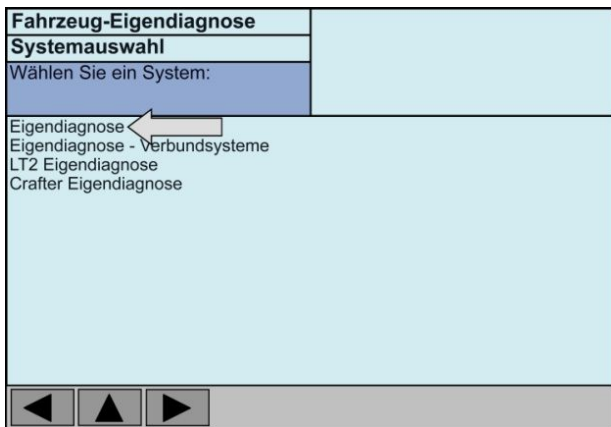
Fig. 7

Coding

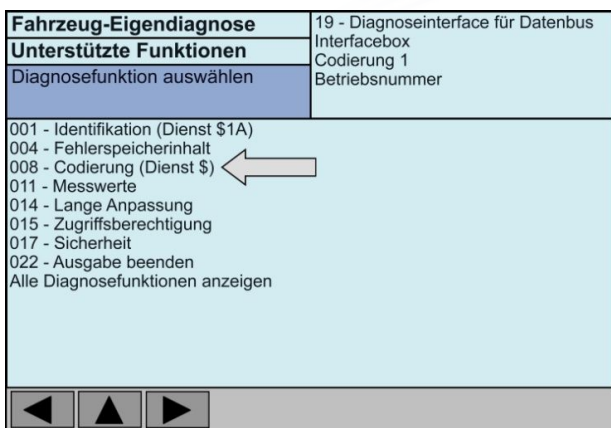
After the installation the Can Gateway (Address 19) has to be coded on DAB yet. In order to carry out the coding of the vehicle please contact a VW Audi dealer.

NOTE: The coding will be necessary, when the vehicle is NOT equipped with factory-made DAB.

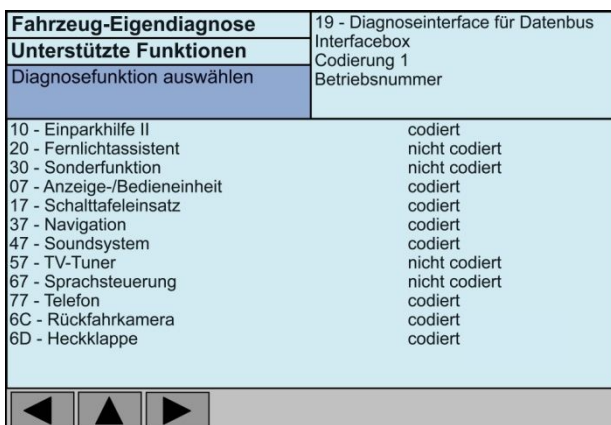
Address 19



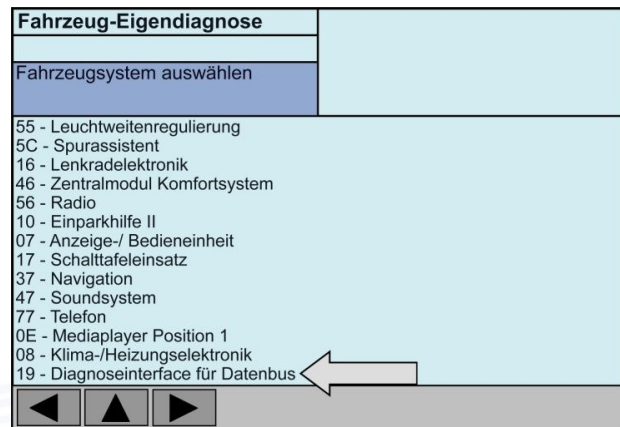
Self-diagnosis



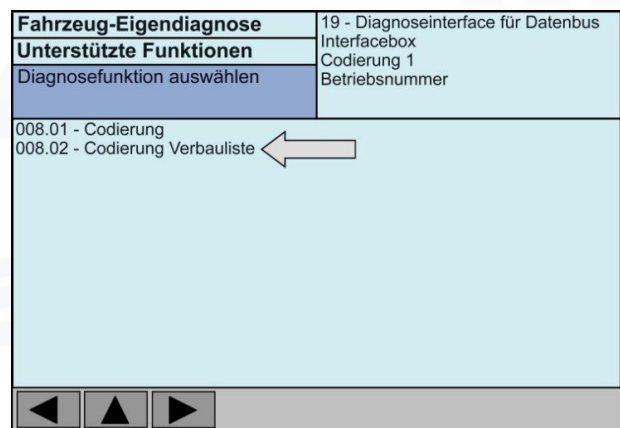
Coding



Write in the digital radio (DAB)



Address 19 Diagnosis interface for the data bus



Installation list

NOTE: The wires must not be coiled. In this way you will create a reel and thereby possible failures.

After the connection execute sufficient functioning tests. If the tests are successful, then assemble everything in the backward sequence.

Operation

Because the FISTUNE® is completely integrated in the vehicle therefore the operation of the digital radio reception takes place through the MMI.

The operation is explained in detail in the user guide of your vehicle (page 55 - 64).



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