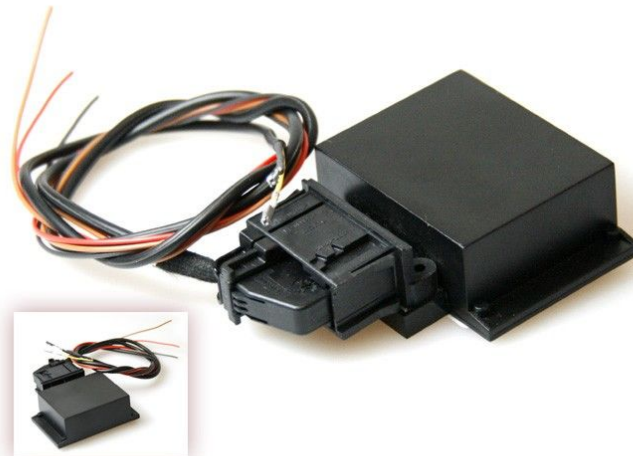


Version 1.02

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Installation instruction Interface VW Rear view camera Low on Multimedia Adapter

Article no.: 37611



Navigation unit VW RNS 510
(not for radio RCD 510)

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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.

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 CAN 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.*

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.

Installation instructions

Depending on the vehicle version the cover plate of the navigation unit has to be dismantled using a plastic wedge (fig. 1). Loosen the 4 Torx screws (fig. 2) and take out the navigation unit.



Fig. 1



Fig. 2

Re-pin the factory installed vehicle wires

Take the 26-pin plug out of the navigation unit and remove the housing (fig. 3, 4).



Fig. 3

26-pin plug RNS 510	18-pin plug RVC Interface
26 green	12
25 blue	14
13 orange	13
12 brown	10
24 brown (with shrink hose)	3

Remove the wires **SUCCESSIVELY** (see table) and integrate them in the 18-pin plug of the **RVC Interfaces** (fig. 5).

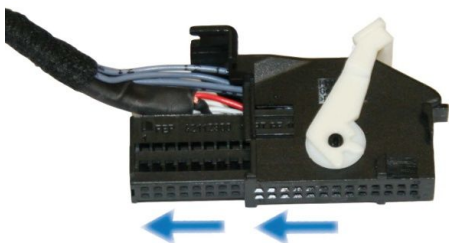


Fig. 4

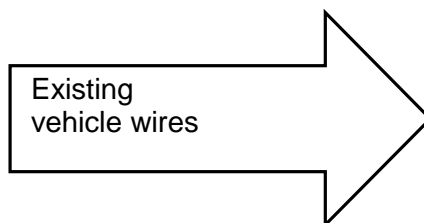
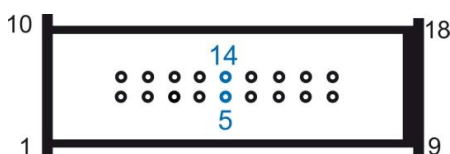


Fig. 5

Video wire integration (Multimedia Adapter)

The video wires have to be connected with the 18-pin plug of the **Multimedia Adapter**.

NOTE: NOT in the RVC-Interface plug!



Black – PIN 5

Yellow- PIN 14

The single wires have to be connected with the vehicle as follows:

Brown – Ground

Red – Permanent positive

Black – Ignition plus