

# OBD-301-R

**Rear-view camera OBD-coder  
for VW RNS315/Amundsen,  
RNS510/Columbus navigation systems  
and RCD510 radio with 26pin connector  
as well as Audi MIB MMI Navigation and  
VW MIB Composition Media**

## Delivery contents

*Take down the SW-version and  
HW-version of the interface boxes,  
and store this manual for support  
purposes.*

HW \_\_\_\_\_

SW \_\_\_\_\_



## Legal Information

Changes/updates of the vehicle's software can cause malfunctions of the interface. We offer free software-updates for our interfaces for one year after purchase. To receive a free update, the interface must be sent in at own cost. Labor cost for and other expenses involved with the software-updates will not be refunded.

## Check compatibility of vehicle and accessories

### Requirements

<i>Vehicle</i>	Audi, Skoda, Volkswagen
<i>Navigation</i>	RNS315/Amundsen and RNS510/Columbus navigation systems RCD510 Radio/CD head-unit WITH 26pin connector on backside. MIB Composition Media, MIB MMI Navigation

### Limitations

<i>After-market rear-view camera</i>	Only compatible with NTSC-cameras.
<i>PDC screen</i>	<u>In some vehicles with MIB system, the PDC screen must be manually deactivated after automatic camera shutdown</u>
<i>License</i>	The OBD-coder can only be used in one vehicle (after use in a vehicle the using in other vehicles is blocked)

## Installation

### Vehicle with RNS315/Amundsen and RCD510

1. On RCD510 ensure that there is a 26pin connector on the rear
2. Locate OBD-port and remove cover
3. Turn on ignition (pos. 2)
4. Wait until the head-unit has booted
5. Plug coder into OBD-port
6. Leave coder for about 30 seconds in OBD-port
7. Remove coder from the OBD-port

To reverse the coding repeat steps 2.-7.

### Vehicle with RNS510/Columbus

1. Locate OBD-port and remove cover
2. Turn on ignition (pos. 2)
3. Wait until the head-unit has booted
4. Plug coder into OBD-port, message "DIAG" is shown in the display
5. Leave coder for about 30 seconds in OBD-port
6. Remove coder from the OBD-port
7. A reset is necessary. Press buttons **Tr+**, **Tr-** and **\*** together and hold them until the reset is done.

To reverse the coding repeat steps 1.-7.

### Vehicle with MIB Composition Media und MIB MMI Navigation

1. On RCD510 ensure that there is a 26pin connector on the rear
2. Locate OBD-port and remove cover
3. Turn on ignition (pos. 2)
4. Wait until the head-unit has booted
5. Plug coder into OBD-port
6. Leave coder for about 30 seconds in OBD-port
7. Remove coder from the OBD-port

To reverse the coding repeat steps 2.-7.

**Note:** After the first use on a vehicle, the coder OBD-301-R is personalized to this vehicle (head-unit) and can be used unlimited times to code or reverse coding on this vehicle.

### Rear-view camera video connection

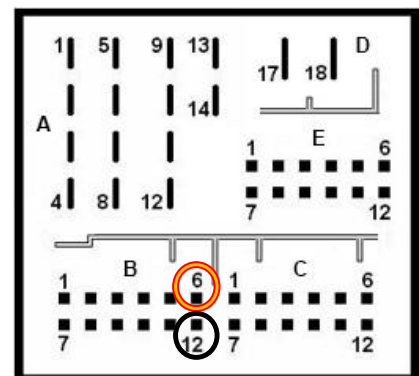
#### Vehicle with RNS315/Amundsen, RCD510 and RNS510/Columbus

The video interface "RL-MFD3" is additionally required for these systems (available seperately).

#### Vehicle with MIB Composition Media und MIB MMI Navigation

The video cable included in the set is connected to the MIB Quadlock connector:

Cable colour	Assignment
●/●/● Colored (video)	Chamber B - Pin 6
● Black (ground)	Chamber B - Pin 12



**LED information:**

<b>LED</b>	<b>Status</b>	<b>Explication</b>
Blue	Flashes	Coding process is running
Green	Lights	Coding procedure successfully completed
Red	Lights	Remove coding procedure successfully completed
	Flashes	Coding process failed / license violation
Green + Red	Lights	CAN Communication Error! - Abort of the diagnostic session