Manuals+ — User Manuals Simplified.

CARAUDIO-SYSTEM OBD-301-R Rear View Camera OBD Coder Instruction Manual

Contents

CARAUDIO-SYSTEM OBD-301-R Rear View Camera OBD Coder

OBD-301-R

Specifications

- Product Name: OBD-301-R
- Compatibility: VW RNS315/Amundsen, RNS510/Columbus navigation systems, RCD510 radio with 26-pin connector, Audi MIB MMI Navigation, VW MIB Composition Media, Seat Media System Plus
- License: Audi, Skoda, Volkswagen RNS315/Amundsen and RNS510/Columbus navigation systems, RCD510 Radio/CD head-unit WITH 26-pin connector on backside. MIB Composition Media, MIB MMINavigation, Media System Plus
- Compatibility: Only compatible with NTSC-cameras

Product Usage Instructions

Installation for Vehicle with RNS315/Amundsen and RCD510:

1. Ensure RCD510 has a 26-pin connector on the rear
2. Locate OBD-port and remove cover
3. Turn on ignition (position 2, do not start engine)
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

Installation for Vehicle with RNS510/Columbus:

1. Locate OBD-port and remove cover
2. Turn on ignition (position 2, do not start engine)
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.

Installation for Vehicle with MIB Composition Media, MIB MMI
Navigation and MIB Media System Plus:

1. Ensure there is a 26-pin connector on the rear of RCD510
2. Locate OBD-port and remove cover
3. Turn on ignition (position 2, do not start engine)
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

Rear-view Camera Video Connection

- For Vehicles with RNS315/Amundsen, RCD510, and RNS510/Columbus: The video interface RL-MFD3 is additionally required (available separately).
- For Vehicles with MIB Composition Media, MIB MMI Navigation, and MIB Media System Plus: The video cable included in the set is connected to the MIB Quadlock connector.

FAQ

- **Q: Can the OBD-301-R be used in multiple vehicles?**
  A: No, the OBD-coder can only be used in one vehicle. After use in a vehicle, using it in other vehicles is blocked.
- **Q: How long are free software updates available for?**
  A: Free software updates for interfaces are offered for one year after purchase. Customers must send in the interface at their own cost to receive a free update.

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, VW MIB Composition Media and Seat Media System Plus

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

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

Limitations

- After-market rear-view Only compatible with NTSC-cameras. camera
- PDC screen In some vehicles with MIB system, the PDC screen must be manually deactivated after automatic camera shutdown
- License 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, do not start engine)
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, do not start engine)
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, MIB MMI Navigation and MIB Media System Plus

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, do not start engine)
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.
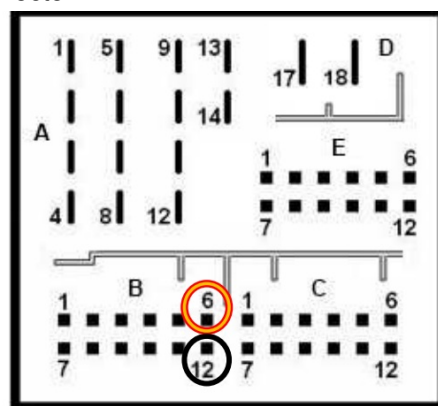
Rear-view camera video connection

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, MIB MMI Navigation and MIB Media System Plus
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:

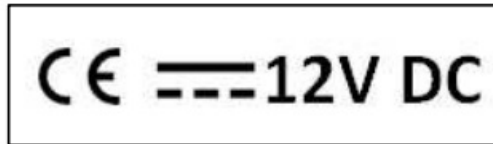| LED	Status	Explication
Blue	Flashes	Coding process is running
Green	Lights	Coding procedure successfully completed
Red	Lights	Remove coding procedure successfully completed
	Flashes	Coding process failed / license violation
Green + Red	Lights	CAN Communication Error! – Abort of the diagnostic session

Technical Support

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Documents / Resources

	CARAUDIO-SYSTEM OBD-301-R Rear View Camera OBD Coder [pdf] Instruction Manual VW RNS315-Amundsen, RNS510-Columbus, RCD510, OBD-301-R Rear View Camera OBD Coder, OBD-301-R, Rear View Camera OBD Coder, View Camera OBD Coder, Camera OBD Coder, OBD Coder, Coder

References

- **User Manual**