Audi A4/A5/Q5 Upgrade

CarPlay Display Wiring Diagram

A

B

USB2

GPS 4G

Main Power Cord

GPS Antenna

4G Antenna

LVDS adapter cable

Gateway Interface-CAN

Gateway Interface-CAN

CD HOST CABLE

POWER CABLE

AUX-OUT

ACC-OUT

DVR-PWR

CAM-PWR

GND

CAN3-H

HOST POWER CORD PLUG

MMI I/F

CAN3-L

360-DET

DVR-CVBS

CCD-AHD/CVBS

USB

TO MIDDLE SPK LINE

TO MIDDLE SPK

AMP-BOX

Main Power Cord

GPS Antenna

4G Antenna

LVDS adapter cable

Gateway Interface-CAN

Gateway Interface-CAN
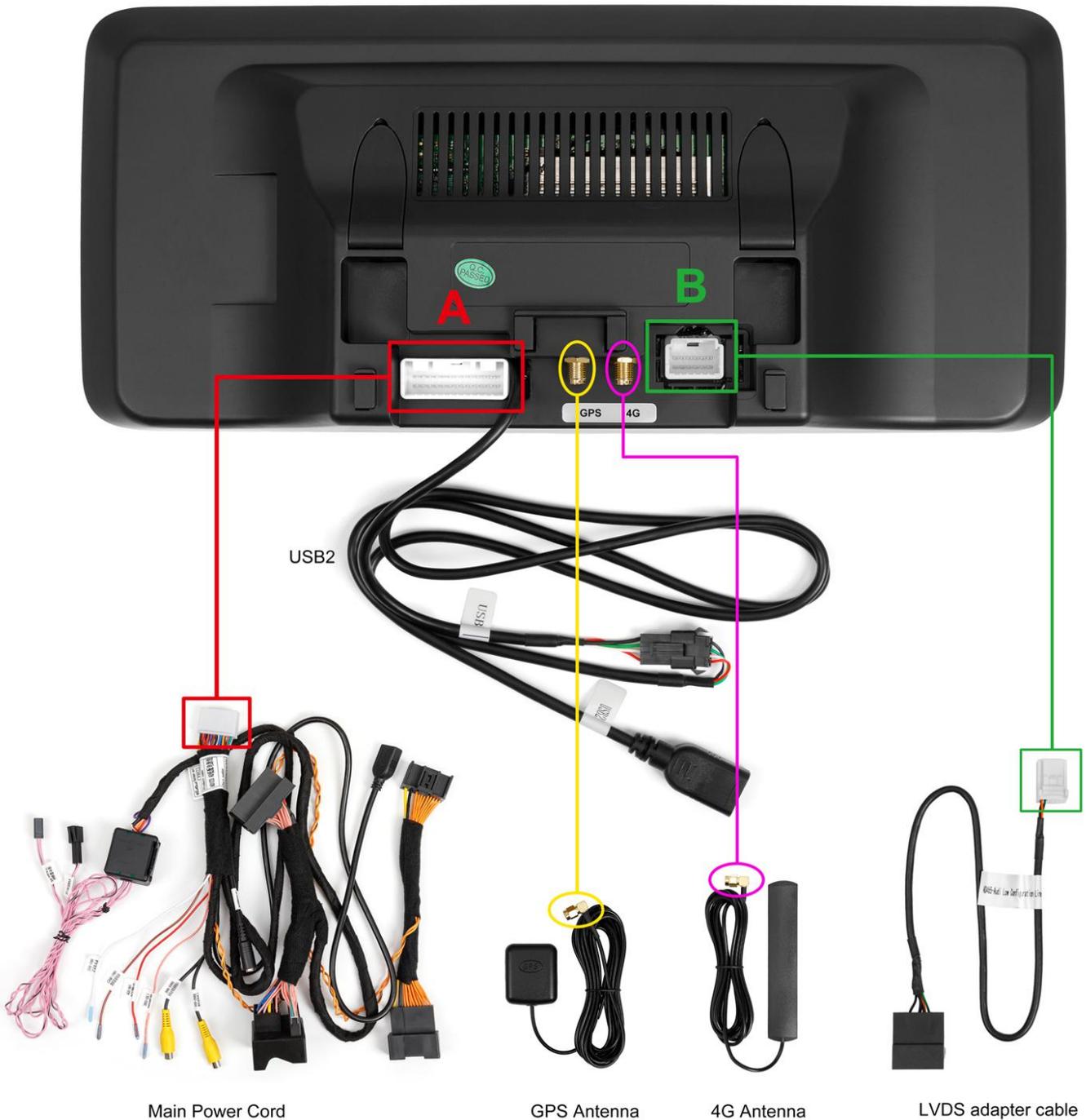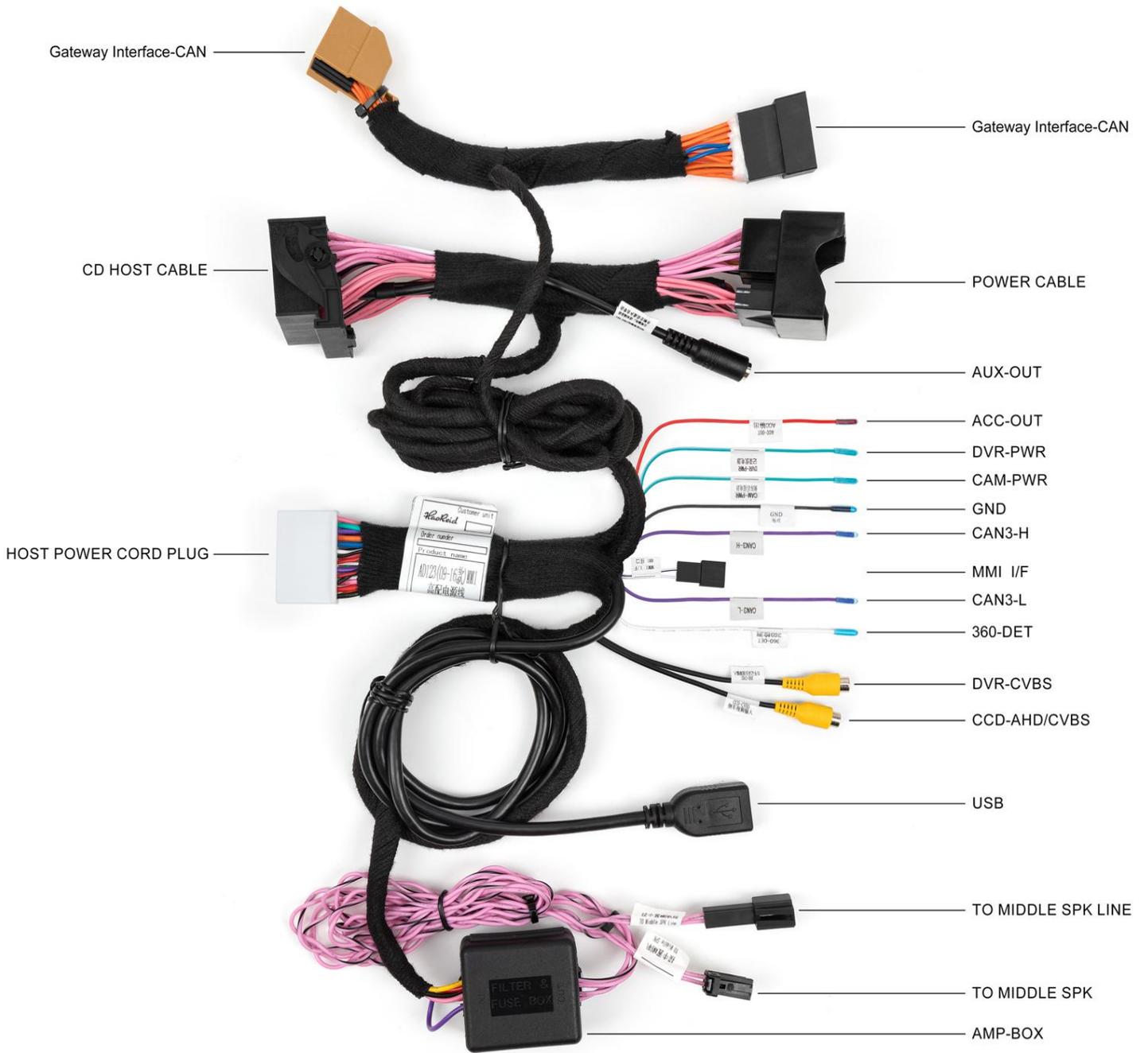
If your car has a 3G MMI radio system, you need to connect it to the CAN bus socket behind the passenger side storage box, as shown in the following figure
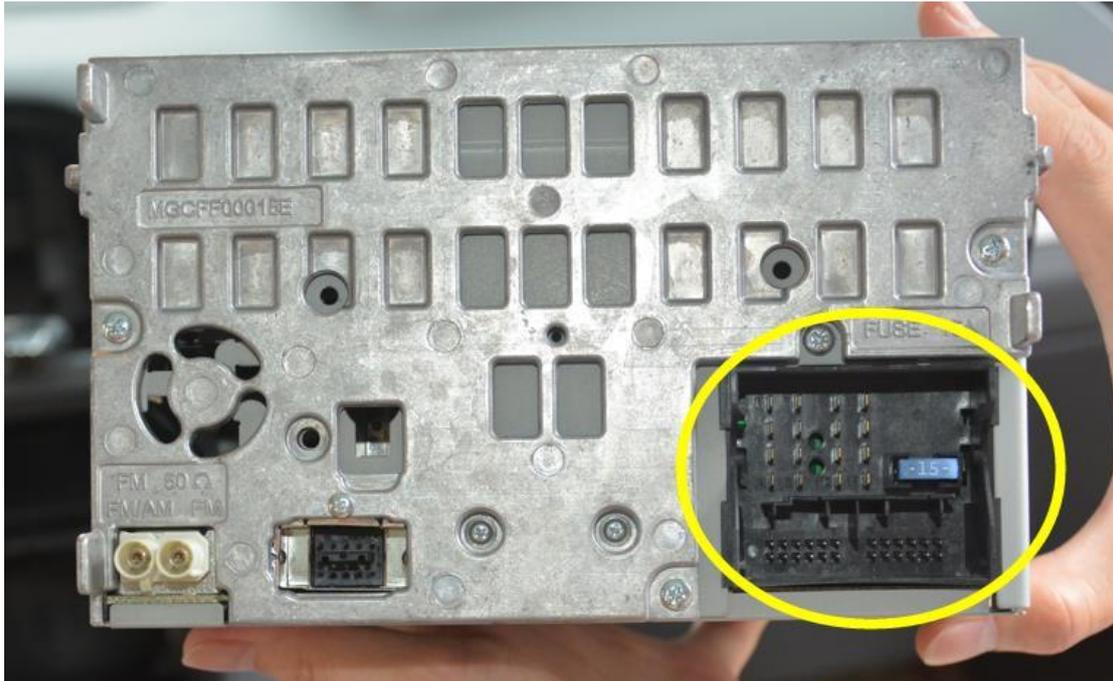

If your car has a concert/symphony radio system, you need to connect it to the CAN bus socket behind the air conditioning control panel, as shown in the following figure.
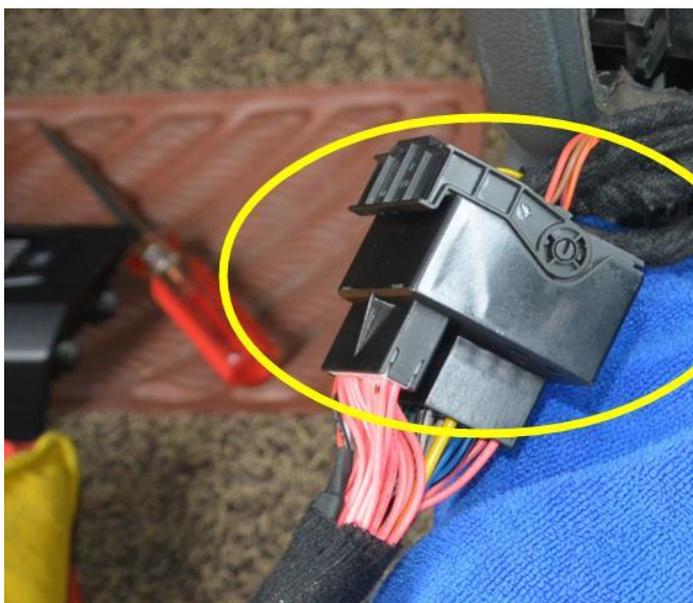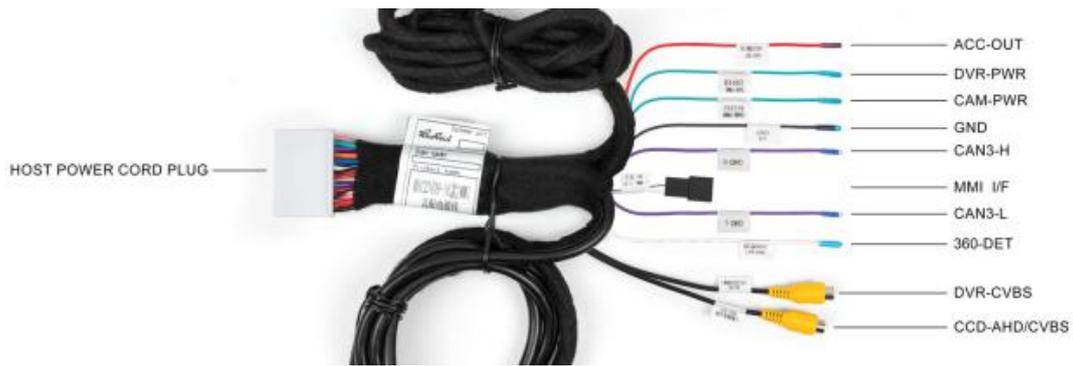

CANBUS connector

Connect the power and audio adapters to the rear panel of the original Audi host

Connect the power and audio adapters to the original wiring harness removed from the Audi original host

HOST POWER CORD PLUG

- ACC-OUT
- DVR-PWR
- CAM-PWR
- GND
- CAN3-H
- MMI I/F
- CAN3-L
- 360-DET
- DVR-CVBS
- CCD-AHD/CVBS

The yellow RCA socket, labeled "CCD-AHD/CVBS", is used for video input to the after-sales rearview camera.

Cable labeled "CAM PWR". This is the trigger wire for the after-sales reversing camera. This wire should be connected to the red wire of the camera, which indicates that the screen switches to the camera image when reversing.


MMI I/F

Connect the MMI I/F to the socket of the LVDS socket to restore the function of the MMI button.

Detailed connection of automotive LVDS

Connect the LVDS cable (removed from the original Audi display) to the car LVDS port of the LVDS cable, otherwise the information of the original Audi car computer and rear view camera cannot be displayed.

Please note that the LVDS socket is located on the back of the original monitor. There are two types of LVDS sockets here (MMI/non MMI)

LVDS cord

original Audi screen

TO MIDDLE SPK LINE

TO MIDDLE SPK
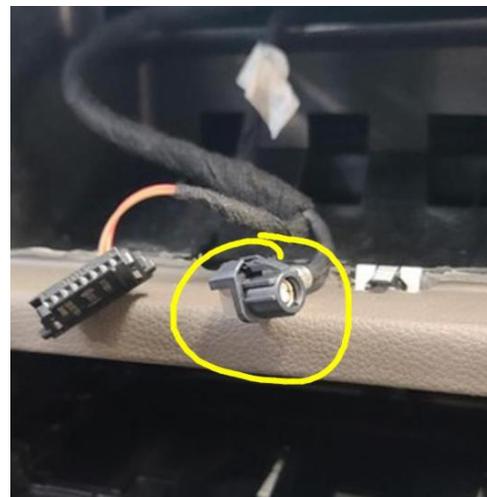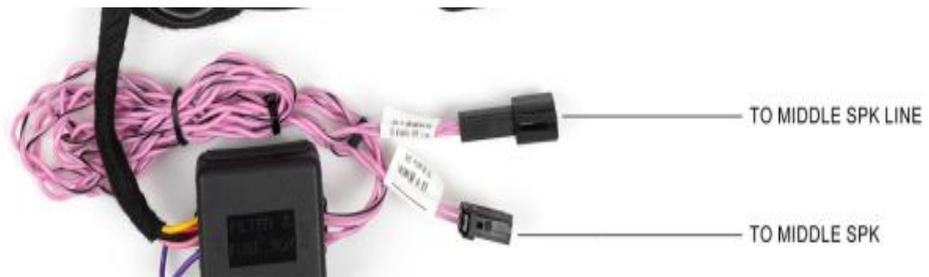
Center speaker cable

The connection position is shown in the following figure. Remove the horn from the original center console of the car and insert the two plugs into the socket and horn respectively.

Operation and sound

Click on the "Audi MMI" icon on the main screen to switch from the new upgrade interface to the original interface of the Audi car computer
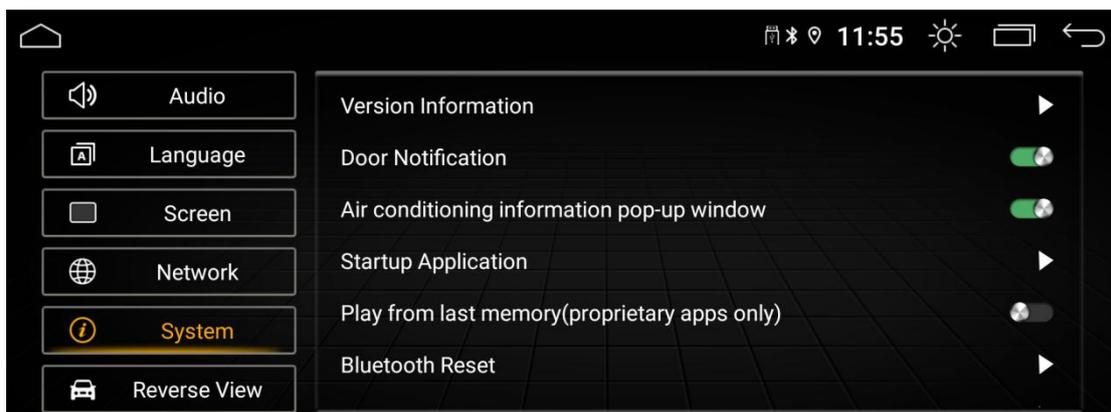

Please note that if it correctly displays the original Audi screen, please skip this step. But some customers with 3G MMI systems may find that the system displays incorrectly when you access the original Audi display. This is because the resolution parameters do not match.
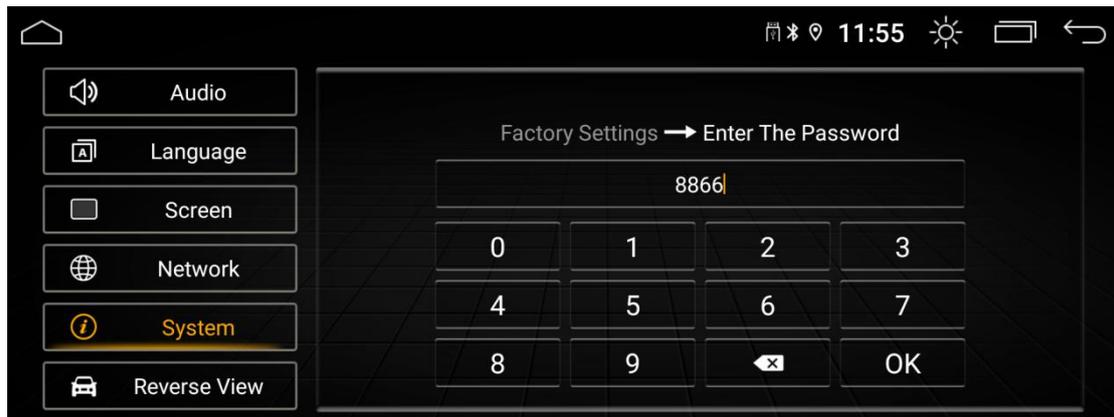Please follow these steps to change the settings:
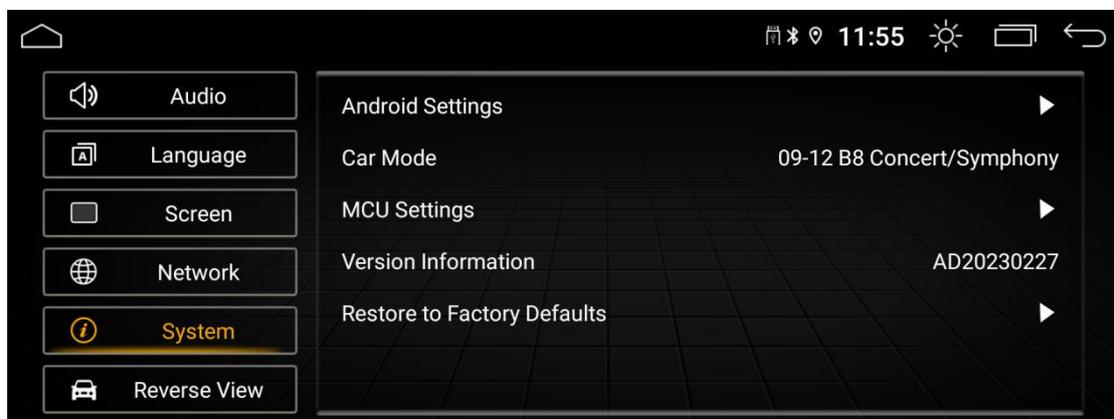
Parameters

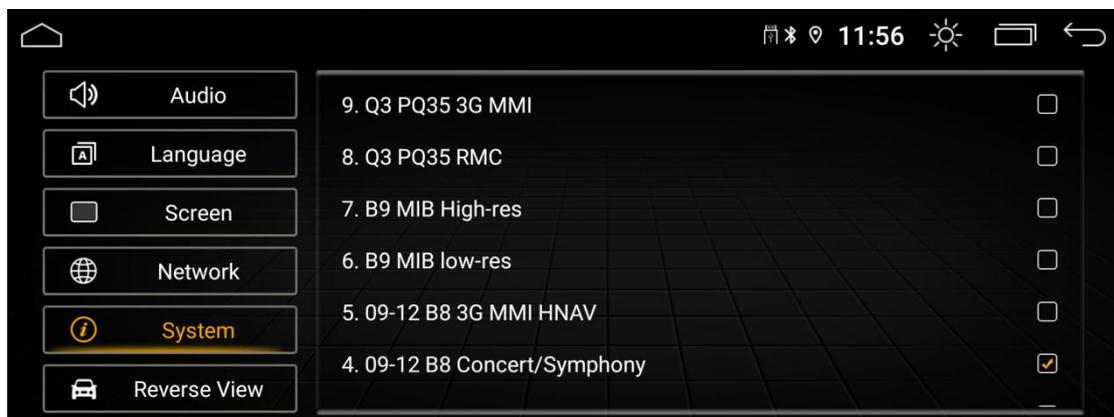System

Factory settings/input password 8866

Vehicle model

*Try selecting a year range that matches the vehicle and a number that matches the original car name Audi Multimedia (MMI)/Audi Concert/Audi Symphony Orchestra:
*For example, serial numbers 4, 5, and 17 apply to vehicles from 2009 to 2012.
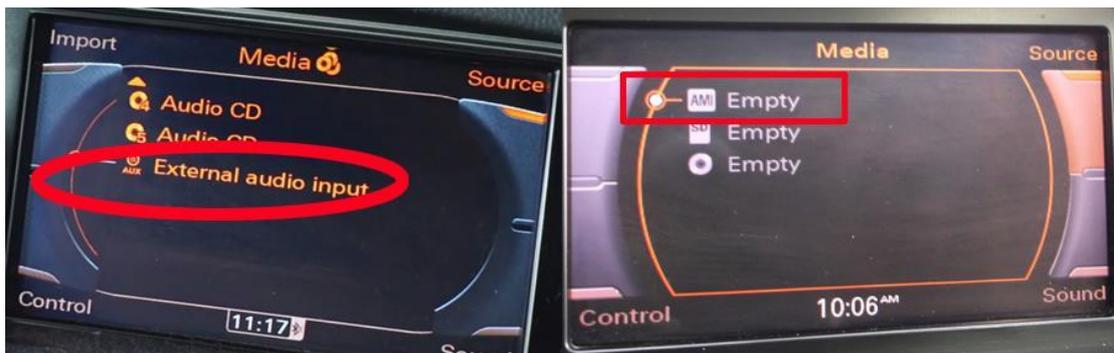*Serial numbers: 17, 16, 13, applicable to vehicles from 2013+

Press the 'Media' button on the radio panel.

Check the audio source options and select 'External Audio Input (AUX)'
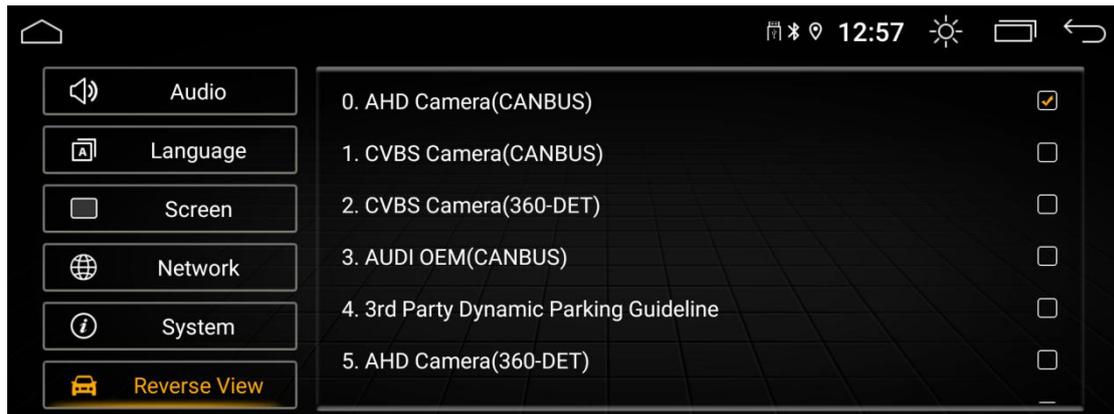

AUX   AMI

Please note that if the screen displays "AMI" instead of "AUX", it is necessary to plug the Audi AMI-AUX cable (included in the kit) into the AMI port of the passenger side Glovebox. After inserting this cable, the AMI option on the screen will switch to AUX.

AMI-AUX cord

AMI port

glove box on passenger side

Camera settings

If your car is equipped with a factory installed rear view camera, please select 'Original Camera'.
If installing an after-sales reversing camera, please choose according to the camera format and connect the camera cable to the back of the screen.

Connect to the video input cable,
that is usually the yellow connector.

CCD-AHD/CVBS

Connect the reverse line. CAM-PWR

Power supply '+'
connected to the reversing light

Power supply '-'
connected to the reversing light
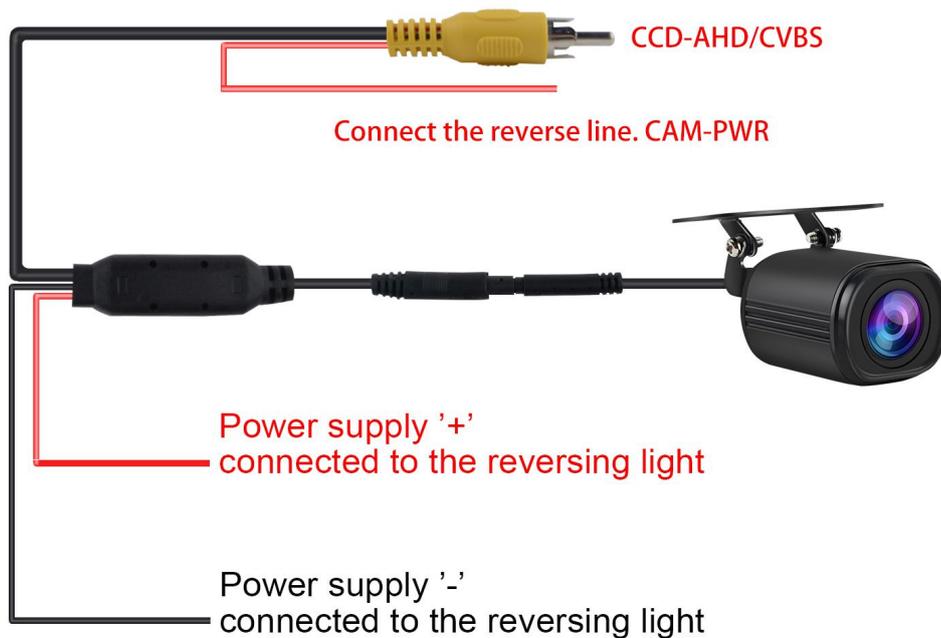
Q&A

Q: How to switch from the new upgraded screen to the original Audi screen?
A: Click on the "Audi MMI" icon on the main screen to switch to the original Audi screen.

Q: How to switch from the original Audi screen to the new upgraded screen?
A: Directly click on the touch screen.

Q: When I click on the 'Audi MMI' icon or reverse, does the original screen of the Audi computer or factory rear view camera not appear on the screen?
A: Check the original LVDS cable (removed from the old monitor) to ensure it is plugged into the LVDS cable port of the new monitor.

Q: I haven't received any sound from all Android systems, but are the original FM, AM, and CD sounds working properly?
A:
1. Click on the "Audi MMI" icon on the main screen to switch to the original Audi screen.
2. Press the media button on the RAIDO panel and check the audio source options. Ensure that the external audio input (AUX) is turned on.
3. Then directly click on the touch screen to access the new upgraded system and play music or videos. You should be able to hear the sound.
Please note that if your car has the AMI option instead of AUX, you must plug the Audi AMI-AUX cable (including this cable) into the AMI port in the passenger side Glovebox. After inserting the power cord, the friend will switch to AUX on the screen, and you should be able to hear the sound.

Q: Is this product plug and play? Should I program or code my Audi? Do I need to purchase an external GPS antenna? Can I still listen to Sirius/XM radio and view car computer information on OEM screens?
A: Yes, it is completely plug and play, with the same sockets and wiring harnesses as the original Audi system. There is no need to program the car during the installation process. The packaging includes all necessary accessories. You don't need to buy anything else to make it work. You can still listen to the radio and check the original information of the Audi car computer as before.