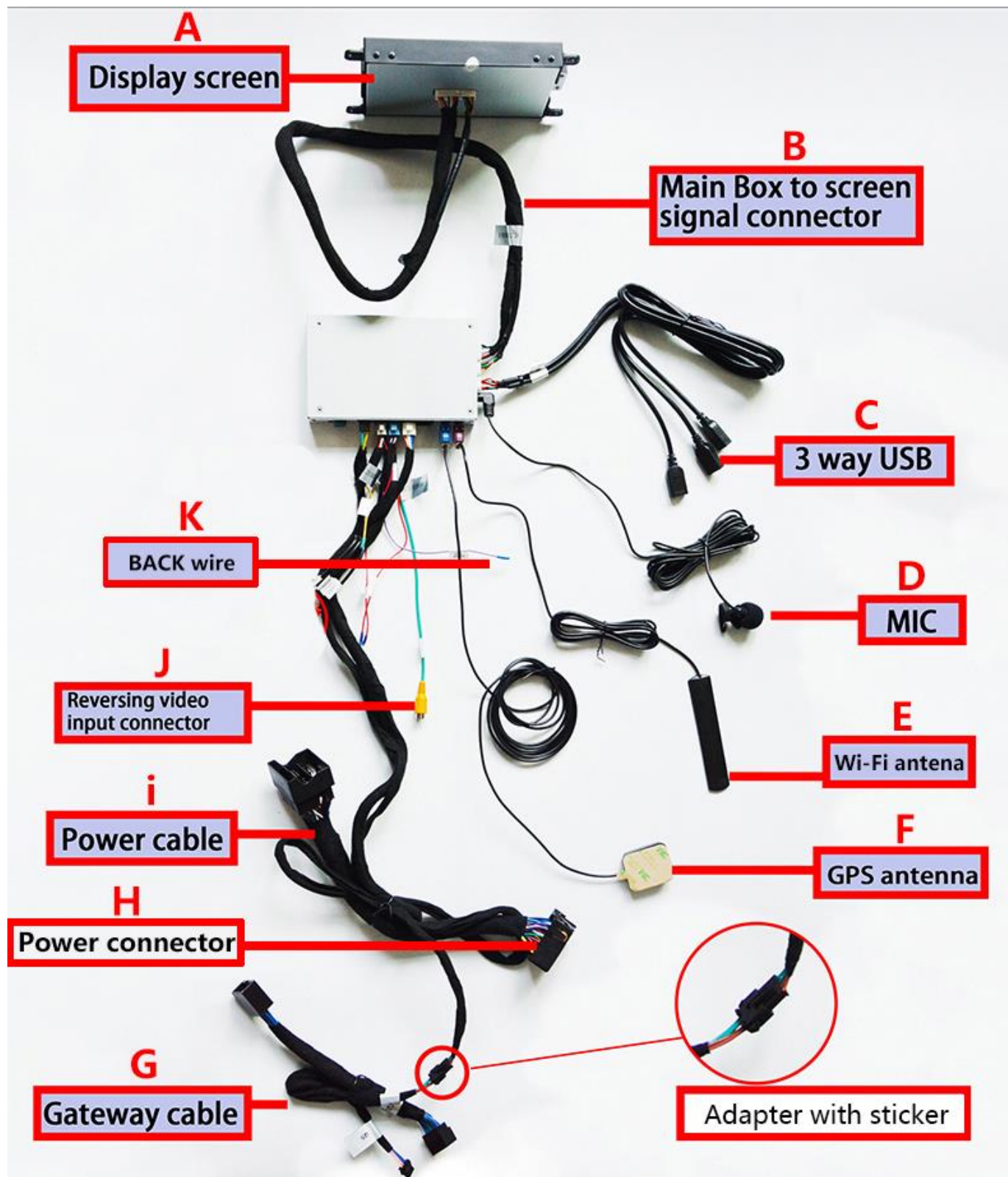


# Audi A4/A5/Q5 radio upgrade system wiring diagram

## Part 1-Connection



NOTE if the existing radio system on your car is Concert/Symphony version, then the accessories you will receive are the same as the photos above. If it is MMI 3G version, then there is an extra mini speaker which is not shown in the photo.

A. New display screen unit replaces the original Audi screen.

B. Connection cables between the new display screen and the control box.

C. USB cords for Apple Carplay/Android Auto dongle, USB front in dash camera, DAB+ tuner and USB thumb drive etc. You can put them in the glove box on passenger side.

D. External microphone for hands free phone call, Siri and google voice command. You can mount it close to driver's head as close as possible to get good voice quality. For example, the A-pillar or lighting ceiling lamp as shown in the below pictures.



E. Wi-Fi antenna. Put it on the dashobard to get good Wi-Fi signal.

F. GPS antenna. Put it on the dashboard and under windshield to get good GPS signal.



On the middle dashboard

Hide under the middle dashboard

On the right corner

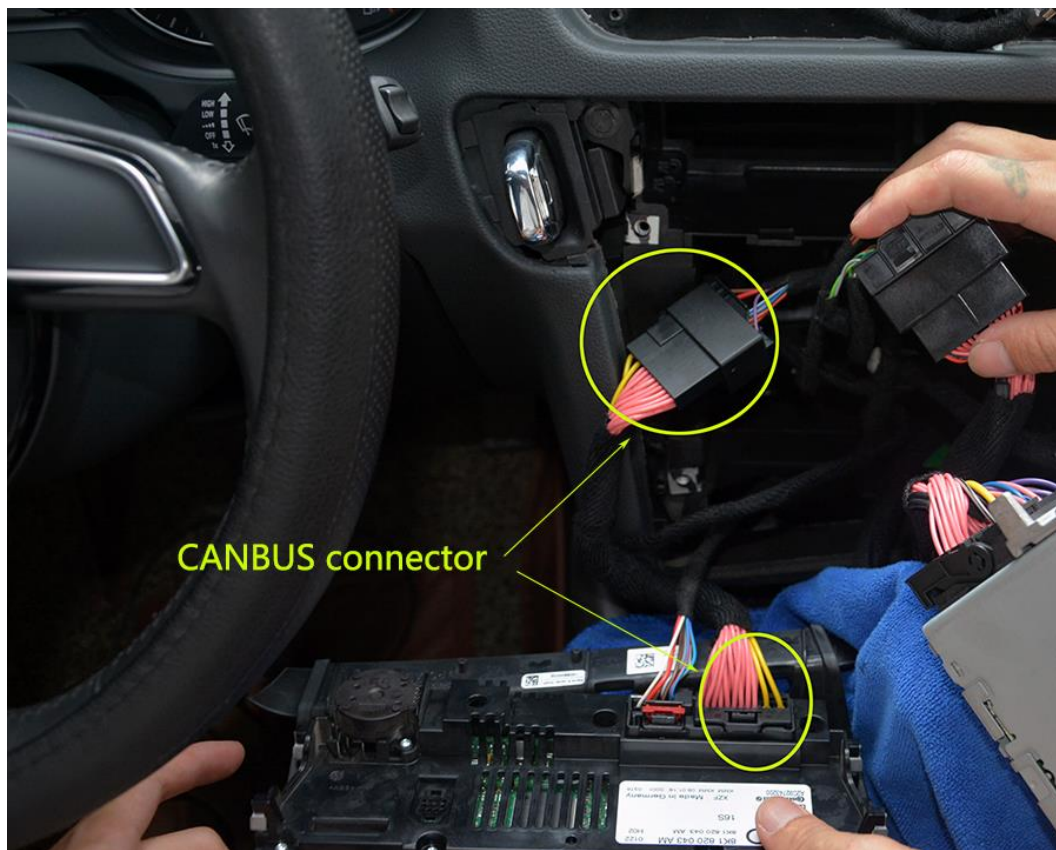


## G. Gateway cable.

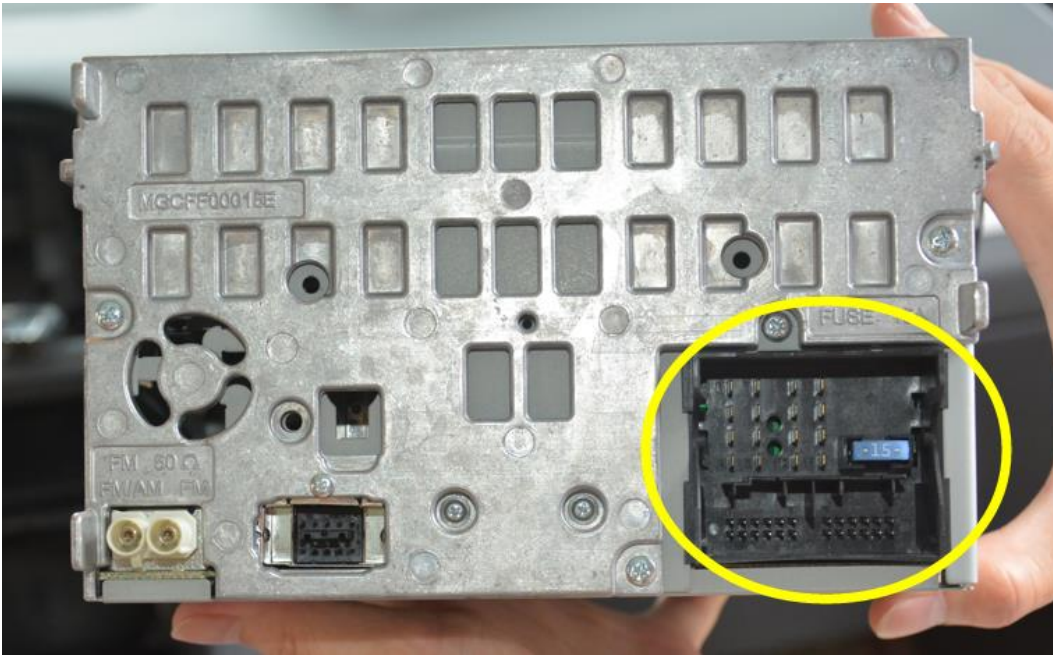
If it is MMI 3G radio system on your car, then you need to connect it to the CAN BUS plugs behind the storage box on passenger side as shown in the below picture.



If it is Concert/Symphony radio system on your car, then you need to connect it to the CAN BUS plugs behind the climate control panel as shown in the below picture.



H. Power and audio adapter connect to the rear panel of the original Audi head unit.



i. Power and audio adapter connect to the original harness which is removed from the original Audi head unit.



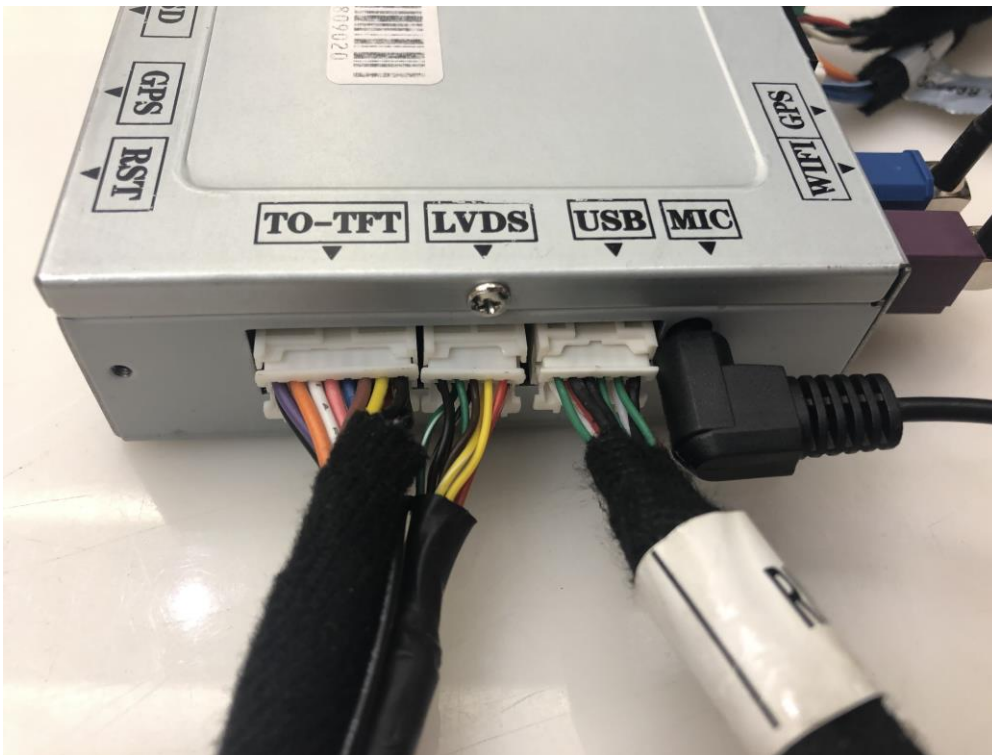
J. Yellow RCA jack with label "BACK-VIDEO IN" for the aftermarket back up camera video input.

K. Blue wire with "BACK" label. It is the trigger wire for aftermarket backup camera. This wire needs to be connected to positive wire of back lights to tell the screen to switch to camera image when reversing the car.



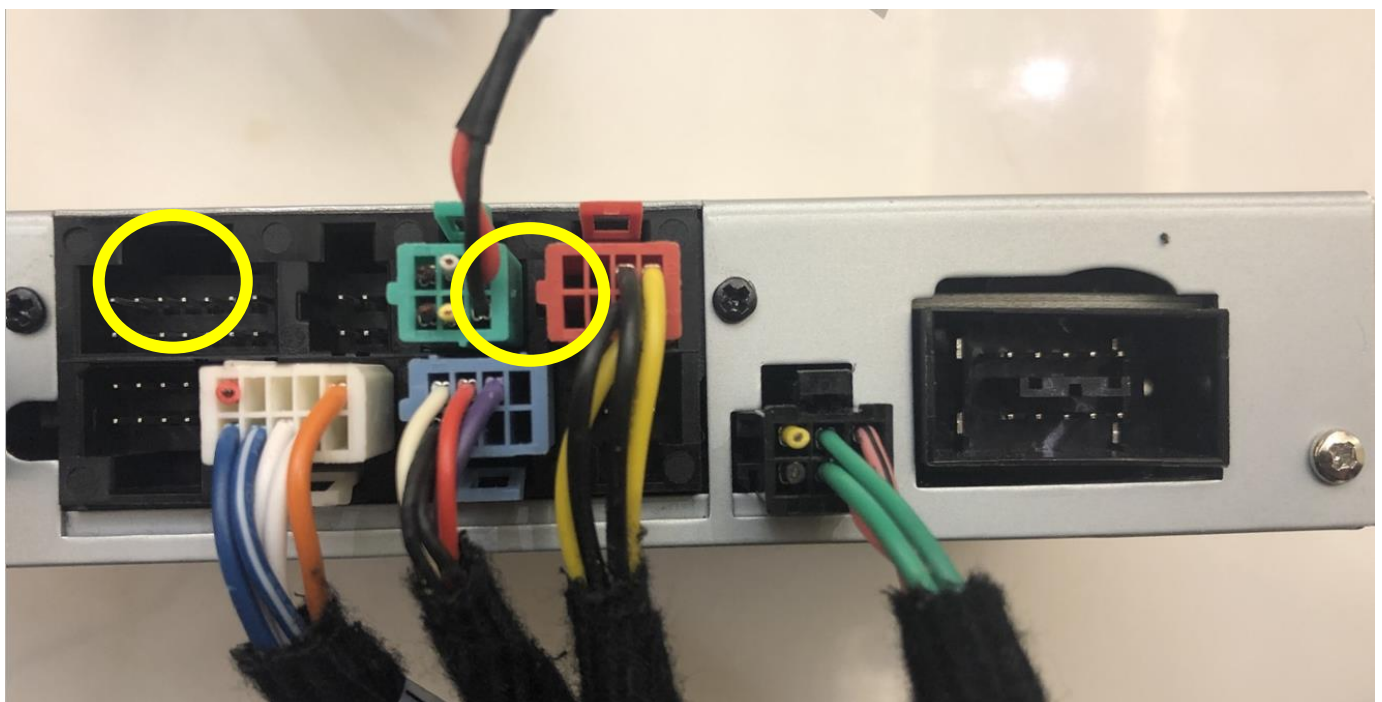
### Detail connection of the B, C and D:

Attention: DO NOT connect the white connectors reverse. Some customers have made this mistake before.



### Detail connection of control box:

Attention: some customers connect the black and white connectors incorrectly and the system does not power on at all.

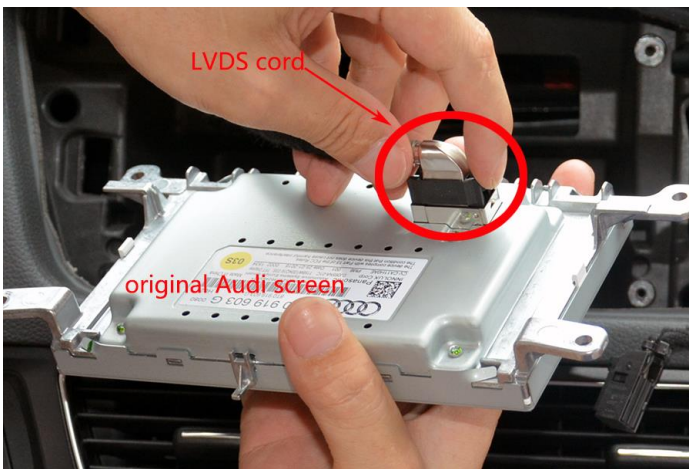


## Detail connection of CAR-LVDS

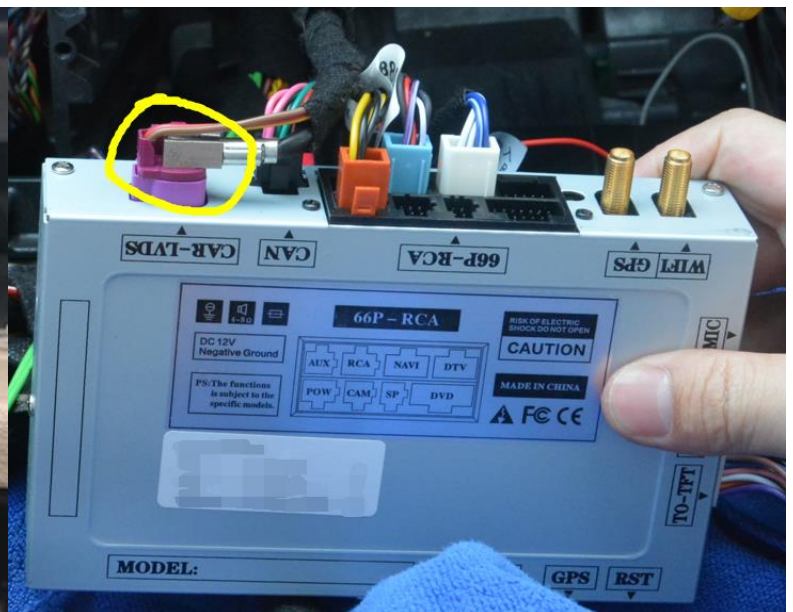
Connect the LVDS cable (removed from the original AUDI screen) to the control box' s CAR-LVDS port, otherwise it will not display the original Audi car computer information and factory backup camera.

NOTE, the LVDS plug is removed behind the original display screen. Not the one behind the original head unit.

The LVDS is a black connector if the car has Concert/Symphony basic radio (without navigation) radio system as shown below.

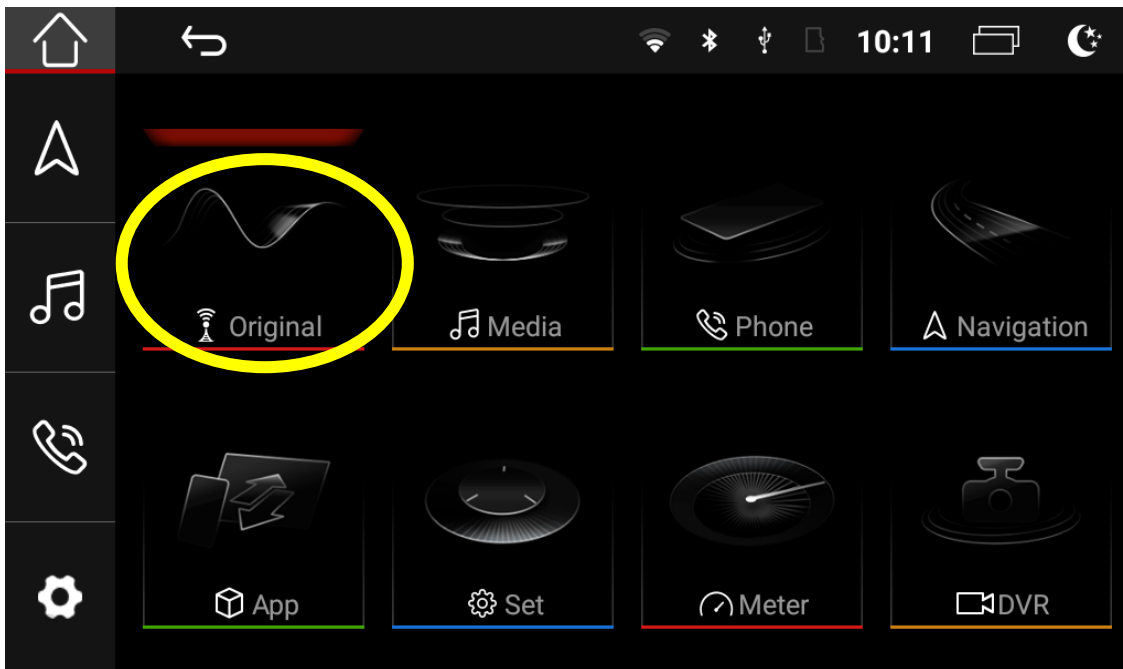


The LVDS is a round connector if the car has MMI 3G radio (with navigation) radio system as shown below.



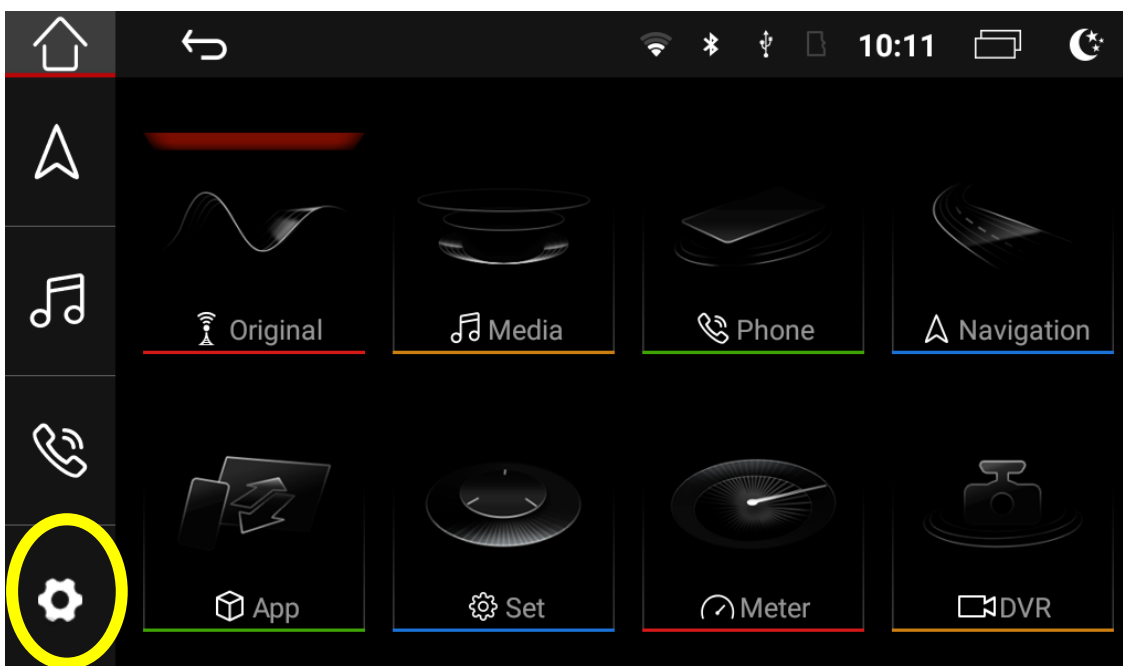
## Part 2-Operation and sound

2-1. Click "Original" icon on the home screen to switch from the new upgrade interface to the original Audi car computer interface.

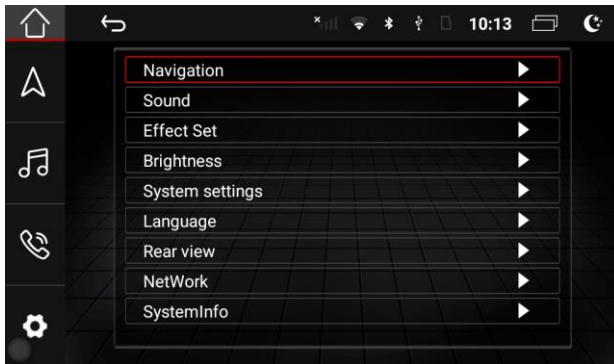


Note if it shows the original Audi screen correctly, please jump this step. But some customers who has the MMI 3G system may find that it does not display correctly when you access the original Audi screen. It is because the resolution setting does not match. Please change the settings as per the below steps:

Settings.



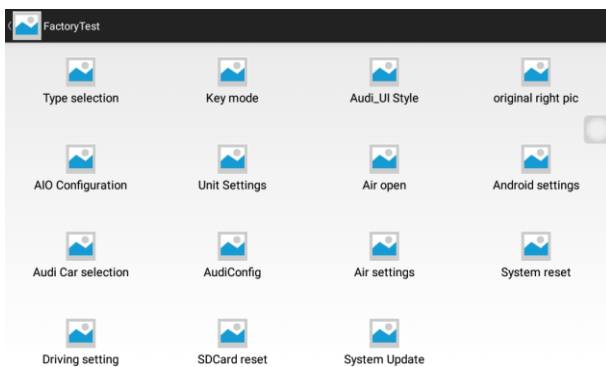
## System settings



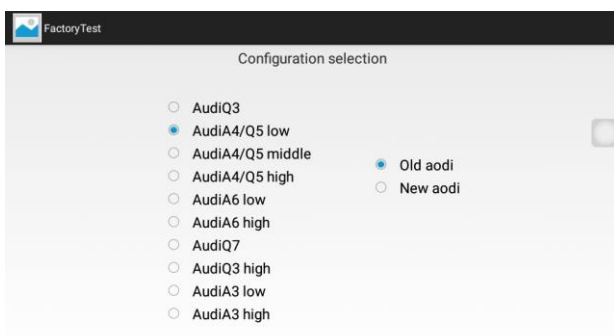
## Factoryset/input password 2109



## AudiConfig.



Try to select “AudiA4/Q5 low” or “AudiA4/Q5 middle” or “AudiA4/Q5 high” on the left side. One of the setting matches with the resolution. DO NOT change “Old aodi” setting on the right side.





2-2. Press "MEDIA" button on the radio panel.



2-3. Check audio source options and select "External Audio input (AUX)" .

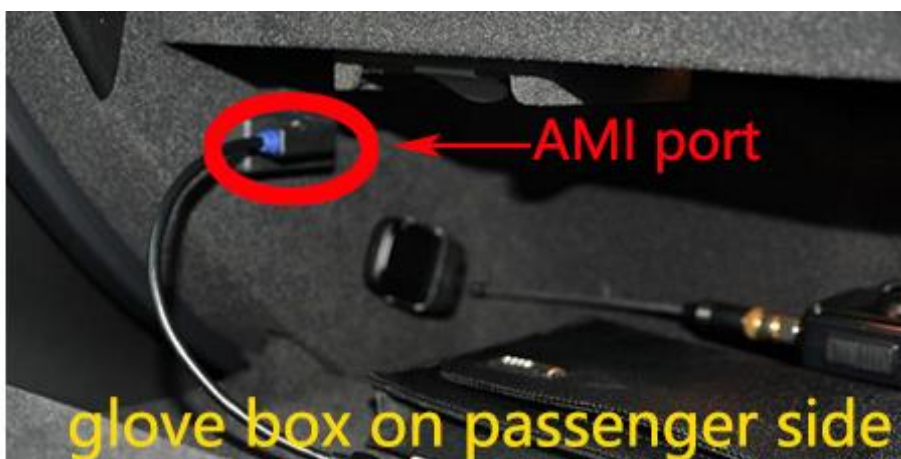


AUX

AMI

2-4. Note if it shows the "AMI" instead of "AUX" on the screen, then you need to plug the Audi AMI-AUX cord (this cord is sold separately) to the AMI port in glove box on passenger side. After plugging this cord, the AMI option will change to AUX on the screen.

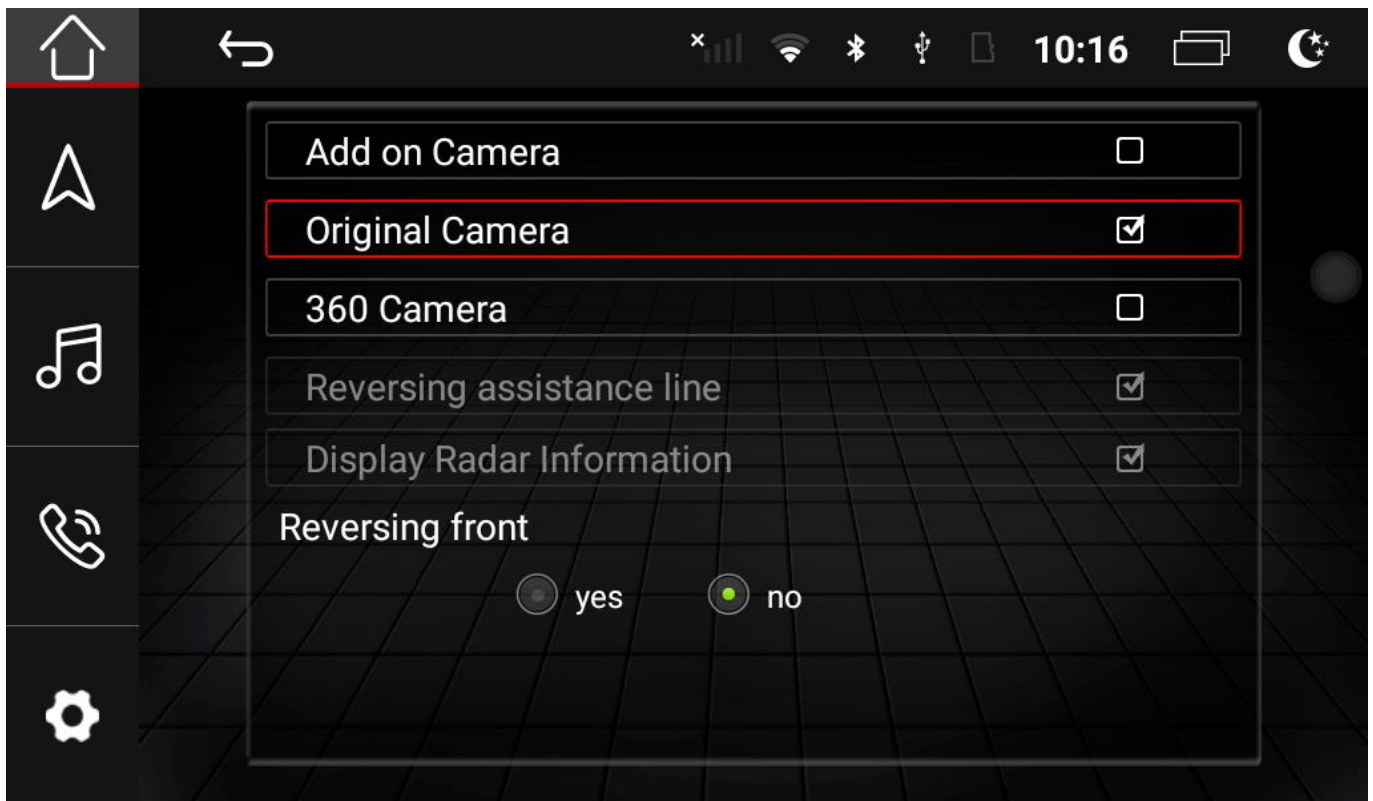
AMI-AUX cord



2-5. Then tap the screen, you can access the new upgrade system screen and play music or video now.

## Part 3-Camera setting

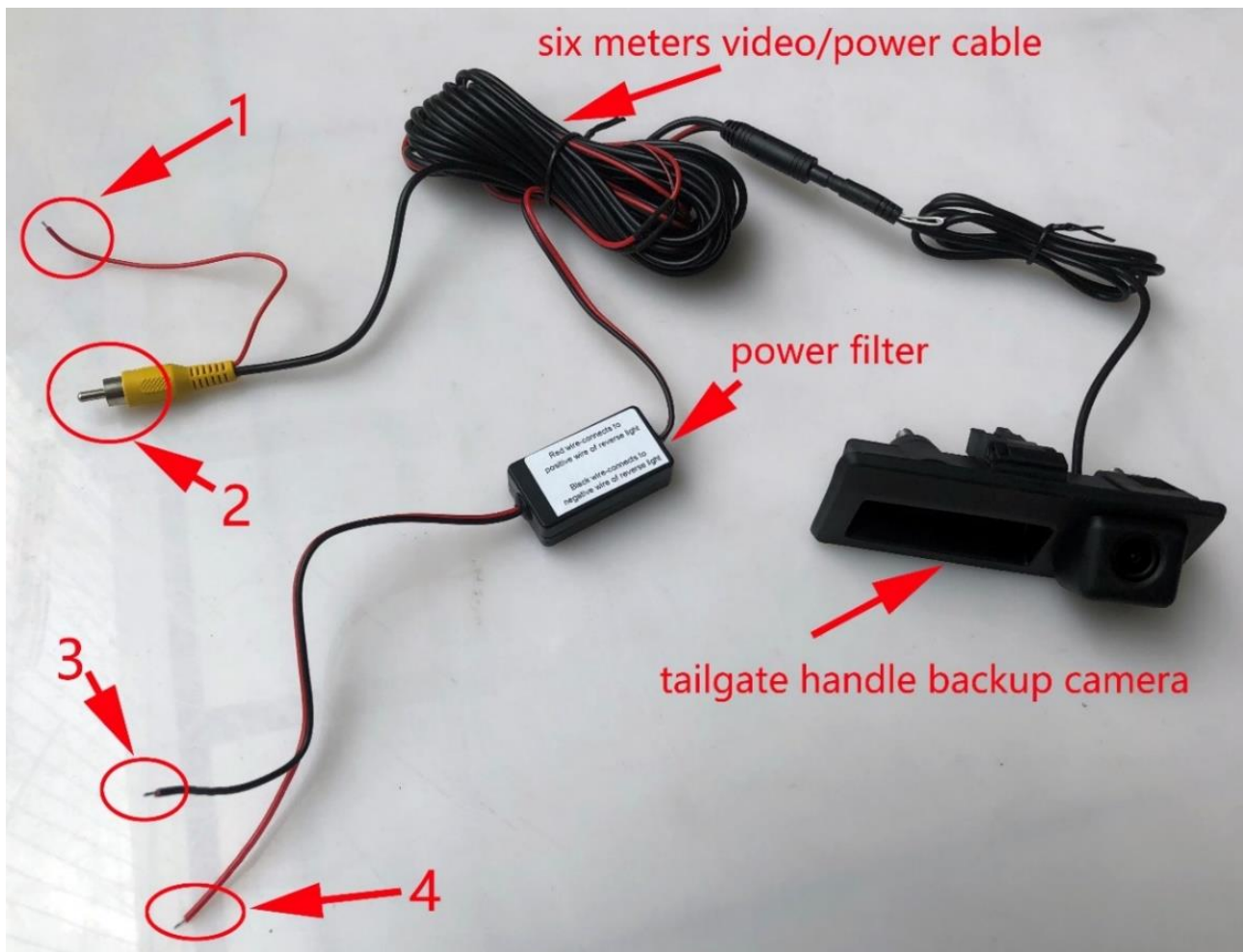
After power the unit, please check Setting/Rear view



If your car equips with factory installed backup camera, please select "Original Camera" .

If you will install an aftermarket backup camera, please activate "Add on Camera" .

## Part 4-Aftermarket wired backup camera connection



4-1. Red wire-connect to **"BACK"** wire (purple color) from main harness.

(This is reverse trigger wire, if connects it incorrectly, the screen does not change when reversing the car).

4-2. Yellow RCA jack connect to **"Back-VIDEO IN"** jack (yellow color) of navigation unit.

(This is the camera video input jack, if connect incorrectly, the screen will display no signal when reverse the car).

4-3. Black wire-connects to the **NEGATIVE WIRE of reverse lights**.

(NOT license plate light).

4-4. Red wire-connects to the **POSITIVE WIRE of reverse lights**.

(NOT license plate light).



## Part 5-Q&A

**Q5-1: How do I switch the new upgrade screen to the original Audi screen?**

A5-1: Tap "Original" icon on the home screen to switch to the original Audi screen.

**Q5-2: How do I switch the original Audi screen to new upgrade screen?**

A5-2: Tap the touchscreen directly.

**Q5-3: When I click "Original" icon or reversing the car, the original Audi computer screen or factory backup camera does not show on the screen?**

A5-3: Check the original LVDS cable (removed from the old screen), make sure it is plugged into the CAR-LVDS port of the control box.

**Q5-4: I get no sound from all Android system, but the original FM, AM, CD sound work fine?**

A5-4: 1. Tap "Original" icon on the home screen to switch to the original Audi screen.

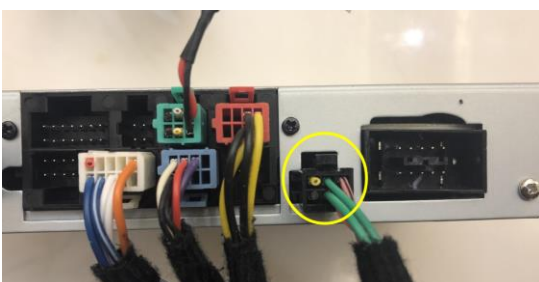
2. Press MEDIA button on the radio panel and check audio source options. Make sure the External Audio input (AUX) is activated.

3. Then tap the touchscreen directly to access the new upgrade system and play music or video. You should be able to hear the sound.

Note if your car has the AMI option instead of AUX, then you need to plug the Audi AMI-AUX cord (this cord is sold separately) to AMI port in glove box on passenger side. After plugging this cord, the AMI will change to AUX on the screen and you should be able to hear the sound.

**Q5-5. Why does it not power on when I start the car?**

A5-5: 1. Please check if the CAN connector (black color) is connected to the correct plug as shown in the below pic. Some customers may connect the black and white connectors incorrectly.

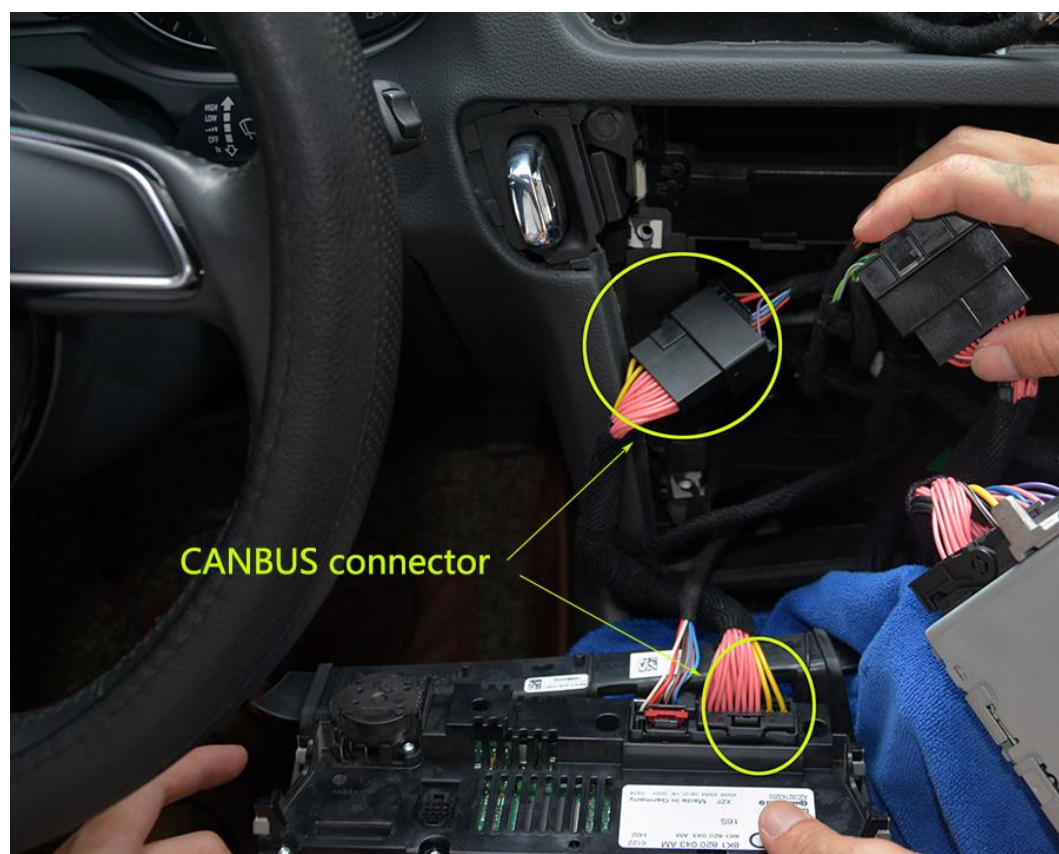


2. Please check if the "G-gateway cable" are connected to the red CANBUS plugs.

If it is MMI 3G radio system on your car, then you need to connect it to the CAN BUS plugs behind the storage box on passenger side.

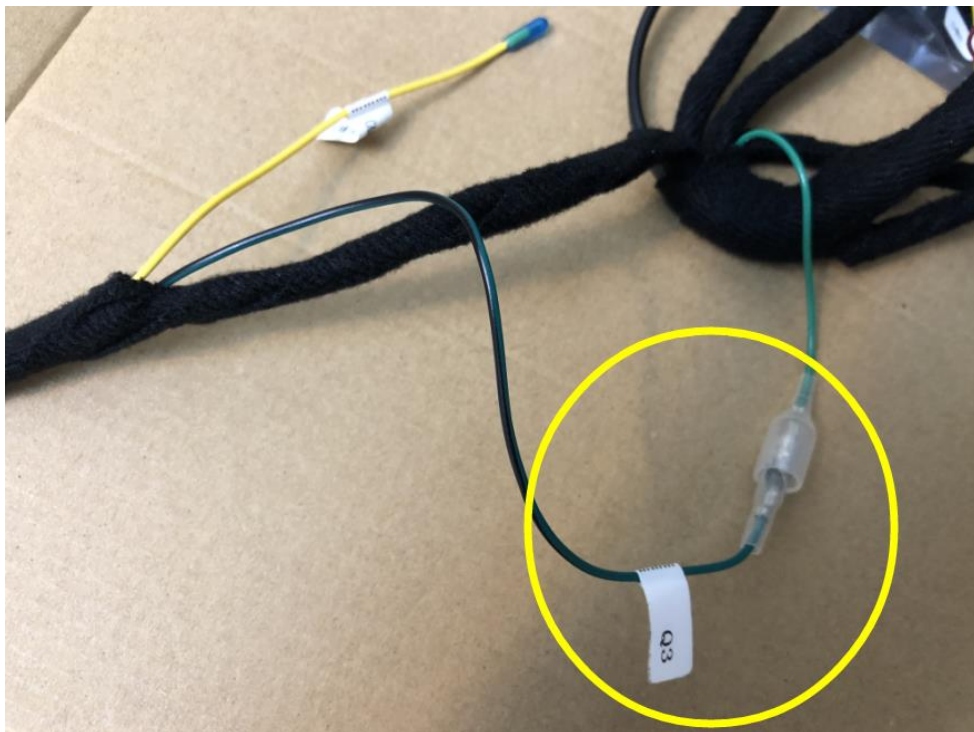


If it is Concert/Symphony radio system on your car, then you need to connect it to the CAN BUS plugs behind the climate control panel.



3. If it is MMI 3G radio system on your car, then the green CAN data wire you need to use should be "Q5" , not "Q3" .

If it is Concert/Symphony radio system on your car, then you do not have this wire, just ignore it.



4. If it is MMI 3G radio system on your car, then the connector you need to use should be "Q5" , not "A1/Q3" .

If it is Concert/Symphony radio system on your car, then you do not have this connector, just ignore it.





**Q5-6: Is this product plug and play? Do I need to program or code my Audi? Do I need to buy external GPS antenna? Can I still listen Sirius/XM radio and check the car computer information as the OEM screen?**

A5-6: Yes, it is totally plug and play, it has the same plugs and harness as original Audi system. You do not need to program your car when install. All necessary accessories are included in the package. You do not need to buy anything else to make it work. You can still listen Sirius/XM radio and check the original Audi car computer information as before.

### Q5-7: How can I hear navigation sound while listeing FM/CD?

A5-7: Activate the FM/CD sound first, then tap the touchscreen to access upgrade system screen and tap "NAVI" icon to start navigation.

If your car is Concert/Symphony version, then the navigation and bluetooth phone call sound play through front left speaker. Other three door speakers still play FM/CD sound.

If your car is MMI 3G version, then the navigation and bluetooth phone call sound play through the mini speaker comes with this product.

### Q5-8: Where should I mount the control box?

A5-8: You can mount it close to the glove box on the left as shown in the below picture.

