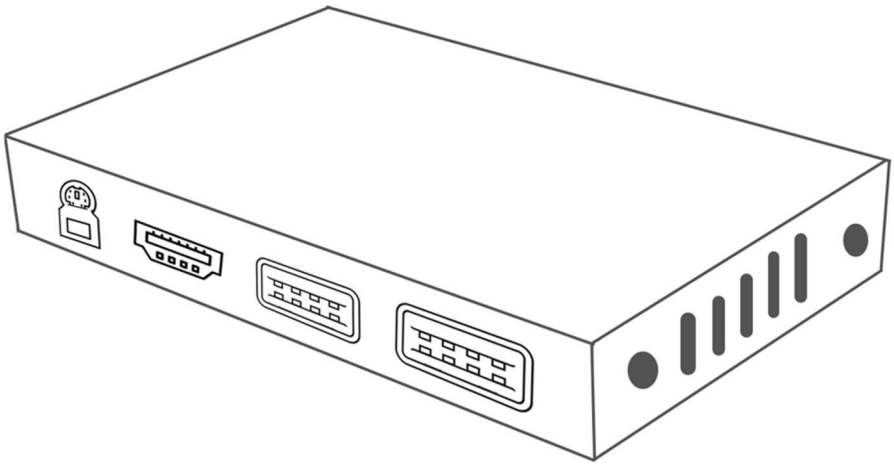
User Manual

Cable Connection

For Q3 MMI 3G (Q5U+Q3H)



Contents

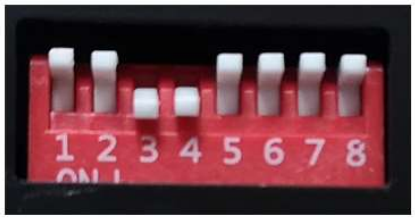
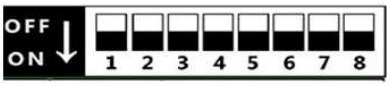
1. Toggle Switch Setup 1
    1.1. Where to find the toggle (DIP) switches? 1
    1.2. Set the toggle switch 1
    1.3. Problem from Toggle switch setup incorrectly 2
2. Cable Connection 3
    2.1. Cable Connection Chart 3
    2.2. Power Cable Connection 4
    2.3. A/C Controller Power Cable Connection 5
    2.4. Headlight Range Control Module Cable Installation 6
    2.5. LVDS Cable Connection 7
    2.6. WiFi Antenna and USB-AV Cable Connection 8
    2.7. AMI Audio Cable Connection 8
    2.8. Where to Put the CarPlay Box? 10
3. CarPlay Sound Setup 10
    3.1. AUX or AMI Output 11
    3.2. Phone Bluetooth Output 13
4. Reverse and Front Cameras 15
    4.1. Original OEM Camera 15
    4.2. After Market Camera 16
    4.3. Front View Cameras 18
5. FAQ 19
6. Contact US 20

1. Toggle Switch Setup

1.1 Where to find the toggle（DIP）switches?



1.2 Set the toggle switch

<table>
<tr><td colspan="2">for 2011-2018 Audi A1 Q3</td></tr>
<tr><td>dial setup

</td><td>Smart Link System


<table><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr><tr><td>Off</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>On</td><td></td><td></td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td></tr></table>Pin 7: with OEM parking sensor → Off / 0, No OEM parking sensor → On /1
Pin 8: with OEM Bluetooth → Off / 0, No OEM Bluetooth → On /1</td></tr>
</table>

Tips:

1. Pin 7: with OEM parking sensor → Off / 0, No OEM parking sensor → On /1
2. Pin 8: with OEM Bluetooth → Off / 0, No OEM Bluetooth → On /1

The dial setup may cause the black screen if your car has 7” screen. Please contact us to get the resolution update software if your car is with 7” monitor.

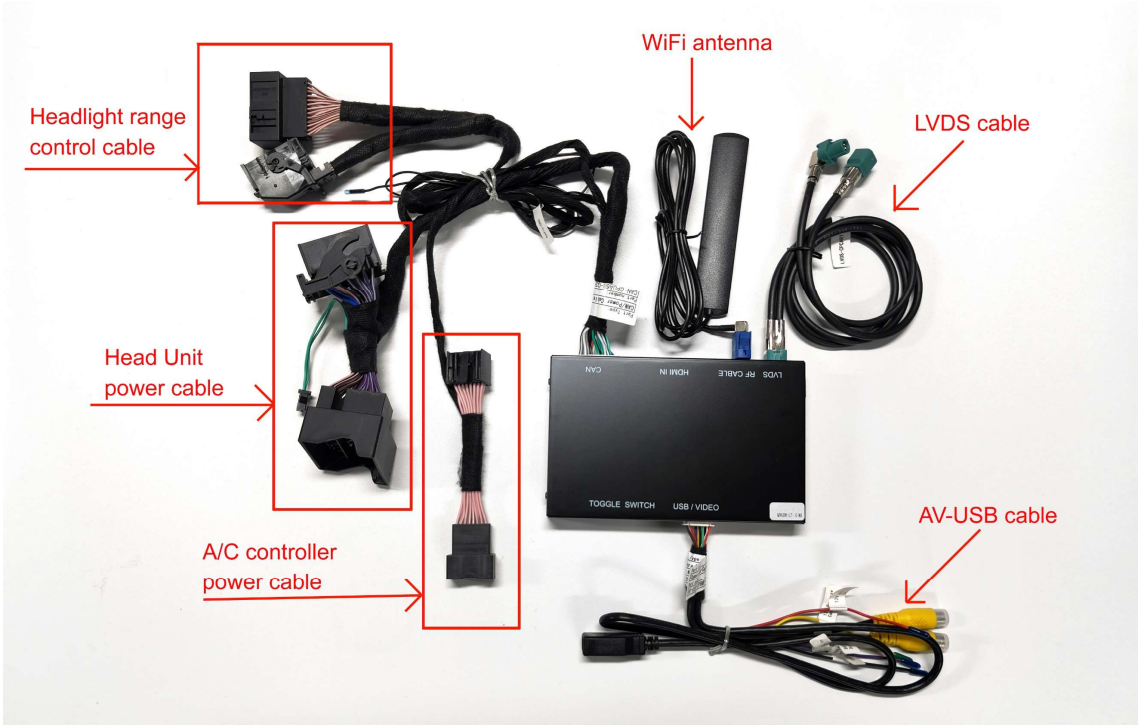
1.3 Toggle switch setup incorrectly will result in a black screen, flash screen, half-screen, etc.

Please contact us for the correct toggle switch setup code if you meet problems as in the follow chart.

Black screen when switch to CarPlay function	Flash screen in OEM function
	
Half-screen when switch to CarPlay function	Half-screen when switch to CarPlay function
	

2. Cable Connection

2.1 Cable connection chart



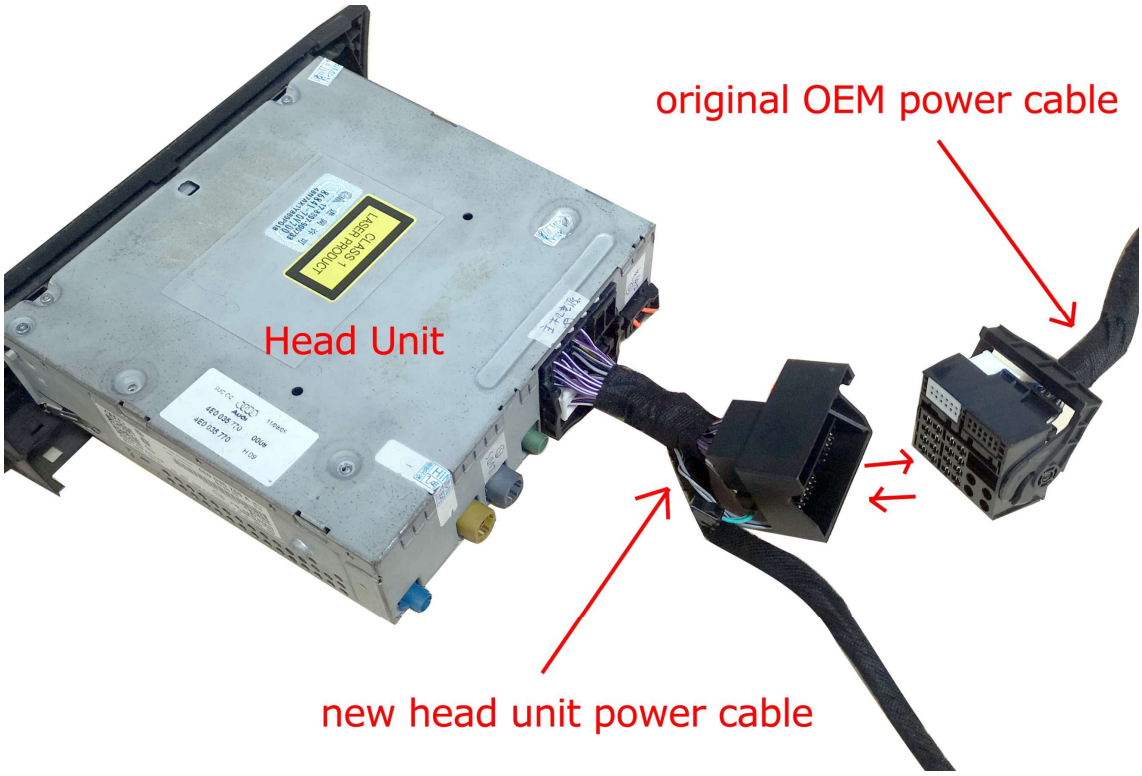
Please follow the connection chart accurately (detailed instructions below).

After the cables are all connected, you will be able to switch between the original Audi and the CarPlay interfaces by long pressing the “MEDIA” button on the MMI controller.



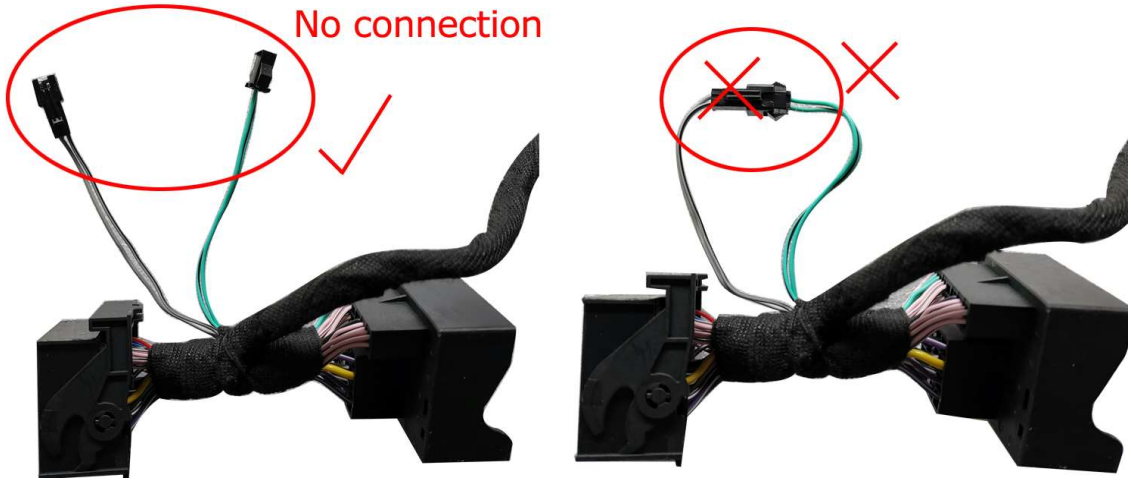
2.2 Head Unit power cable connection

Unplug the OEM original power cable from the head unit and reconnect it to the new cable harness. Then plug the new cable into the head unit.



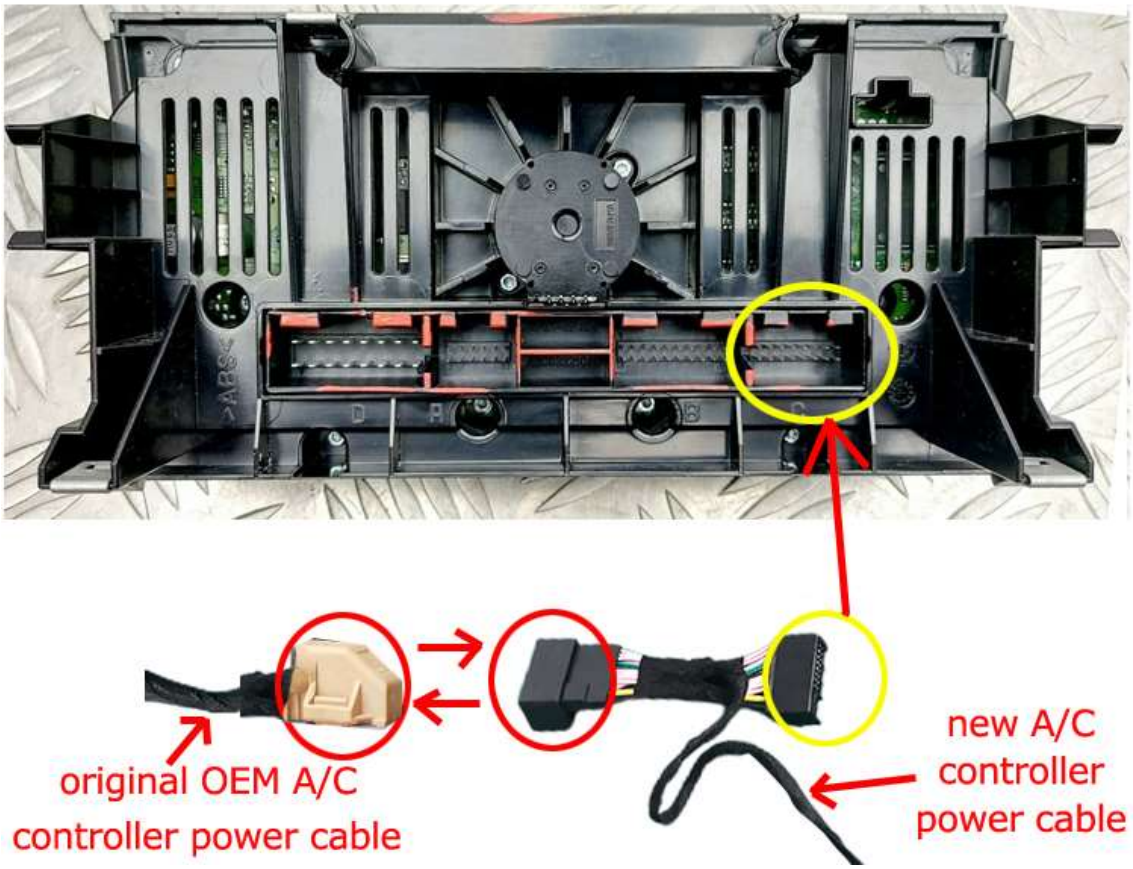
Note:

In the power cable, don't need to connect the gray cable to the green cable.



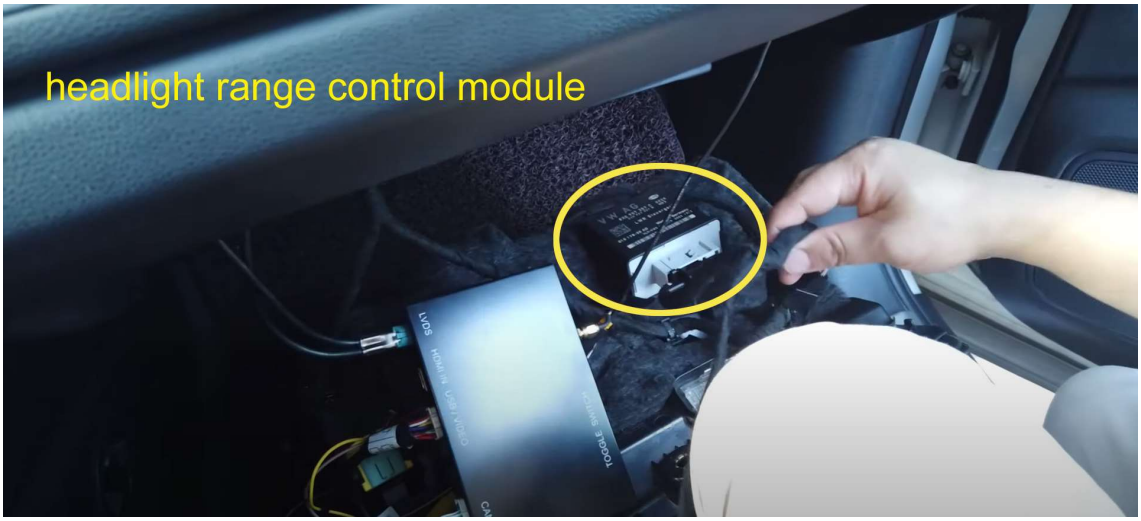
2.3 A/C controller power cable connection



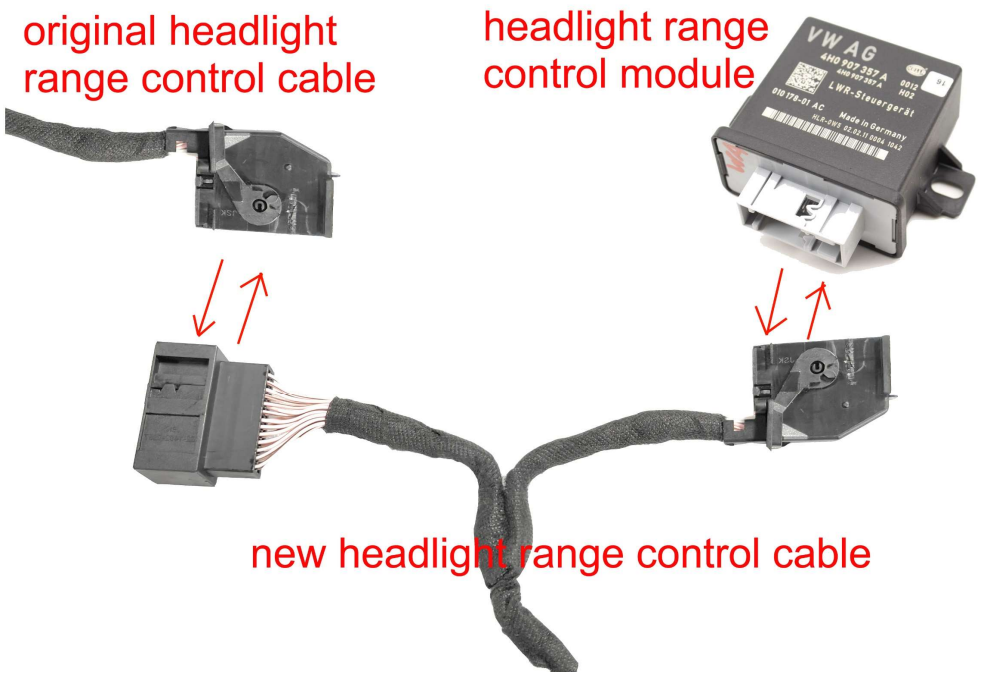


2.4 Headlight range control module cable connection

2.4.1 the headlight range control module is in the glover box.



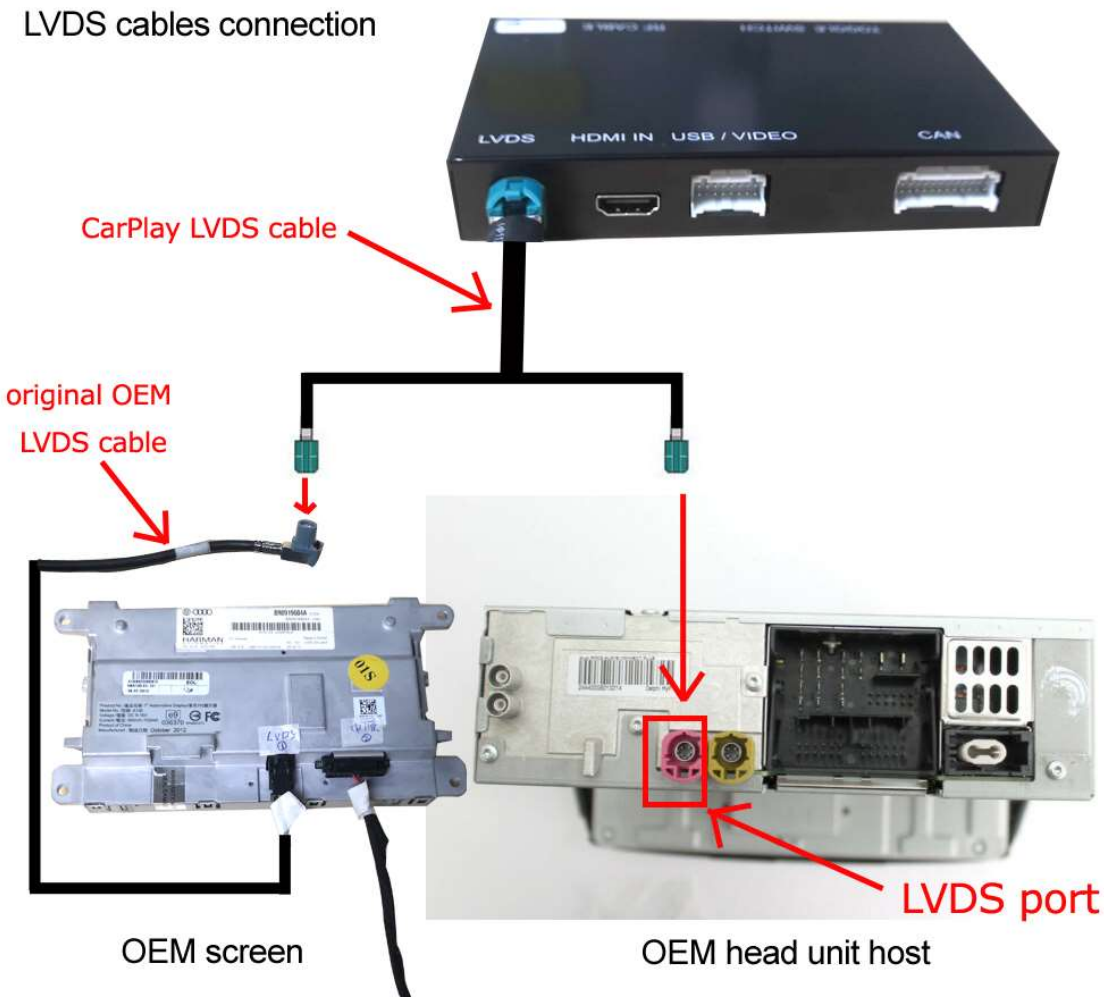
2.4.2 Cable connection



2.5 LVDS cable connection

1) New LVDS cable 1 goes to the LVDS port of OEM the head unit.
2) New LVDS cable 2 goes to the original LVDS cable.

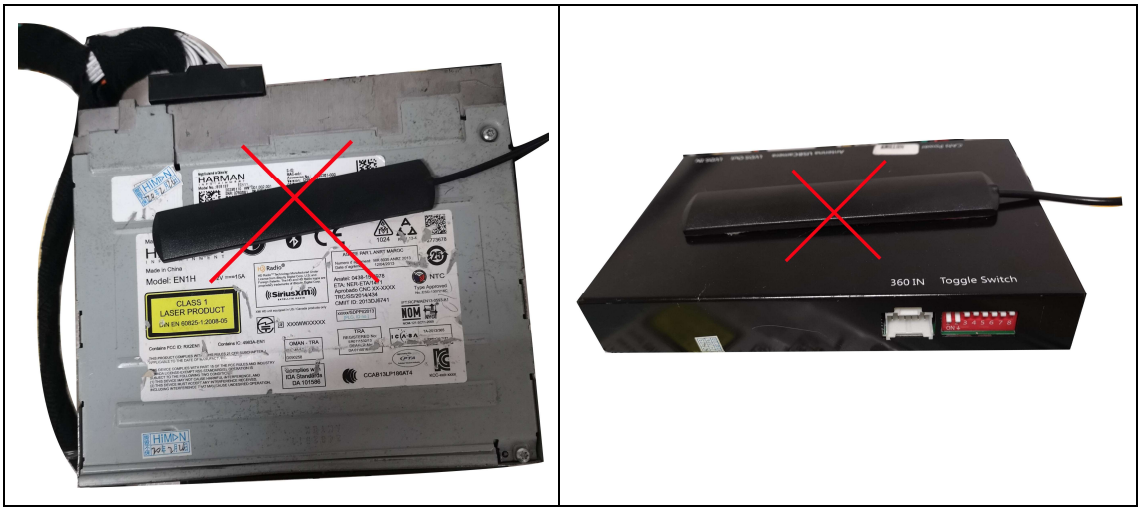
Note: Connecting the LVDS cables incorrectly will result in a black screen!



2.6 WiFi antenna and USB-AV cable connection



Note: To avoid losing the WiFi signal, make sure the antenna is not placed close to metal objects.



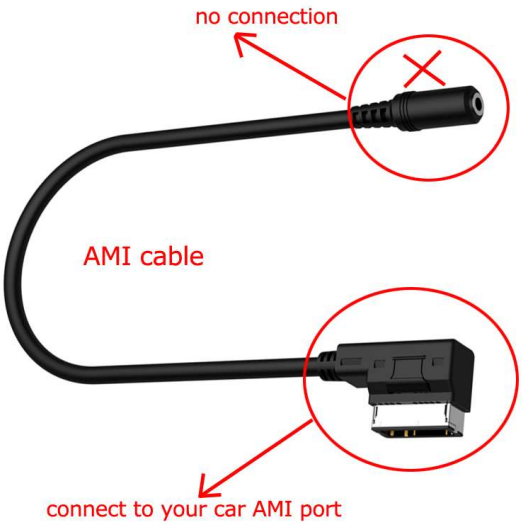
2.7 AMI audio cable connection (only for Audi cars with AMI function)

If your car has AMI port, you need to connect the AMI cable to your car AMI port, so that the sound from the CarPlay function will work via the car's AMI AUX function.

Where to find the AMI port?

in the glove-box	in the glove-box
	
in the central console box	behind media interface doors
	

AMI cable connection



2.8 Where to put the CarPlay box?

The CarPlay interface decoder box should be in the glove box.

Please scan QR code, view the detail via YouTube video on how to put the CarPlay module in the glove box.

YouTube video



3. CarPlay Decoder Sound Setup

Two ways optional for sound transmission to car audio: AUX output and phone Bluetooth output.

3.1 AUX or AMI output

3.1.1 If your phone already has a bluetooth connection to your car, disconnect it.

3.1.2 Set the AUX

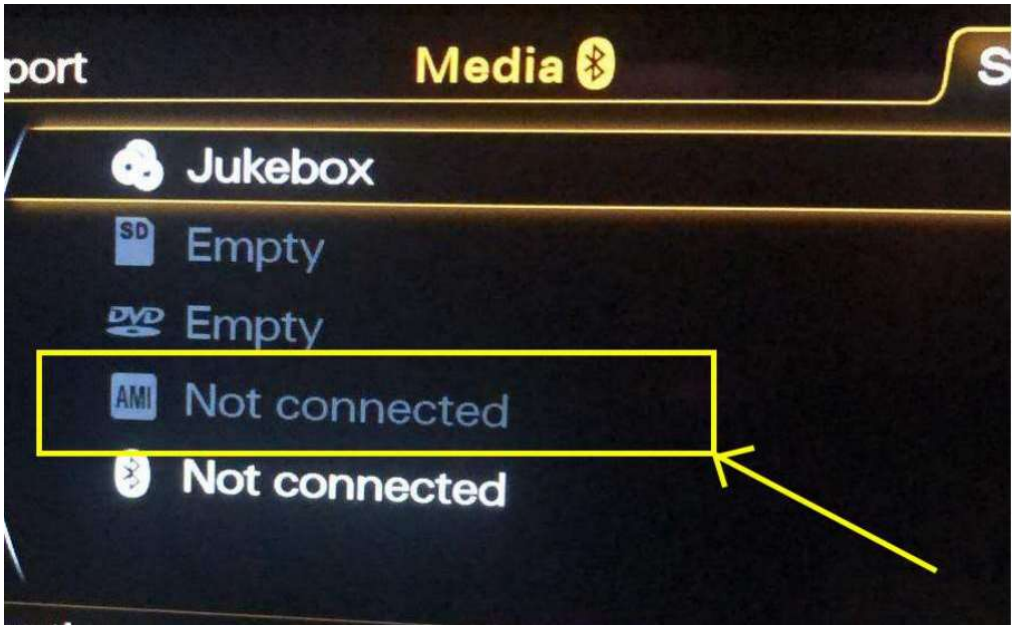
Before using the CarPlay system, you need to set the sound input on your OEM interface to "AUX", otherwise the CarPlay /Android Auto system will have sound!

On the original Audi System, navigate to the "Media" interface, click the "External audio input"



3.1.3 Set AMI (only for Audi cars with AMI function)

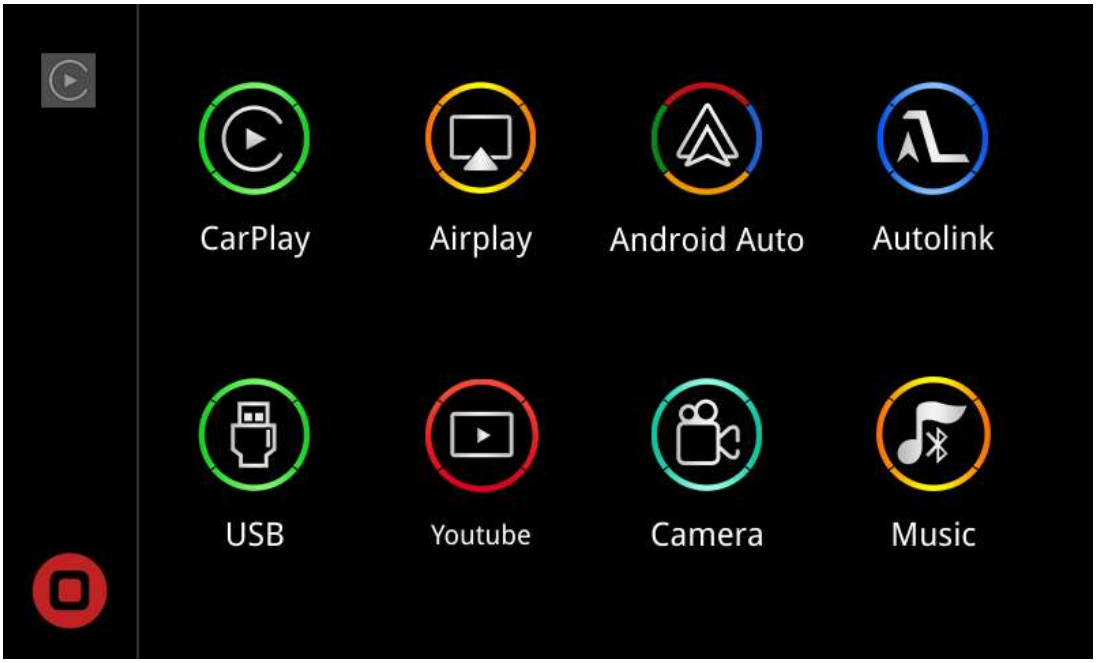
If your car has AMI port, after connect the AMI cable to your car AMI port, you need to set the "Media" into "AMI"



After finish the AUX or the AMI setting, long press "MEDIA" button from MMI knob controller, you can switch the system between the original Audi system and the CarPlay system.



The CarPlay decoder main interface

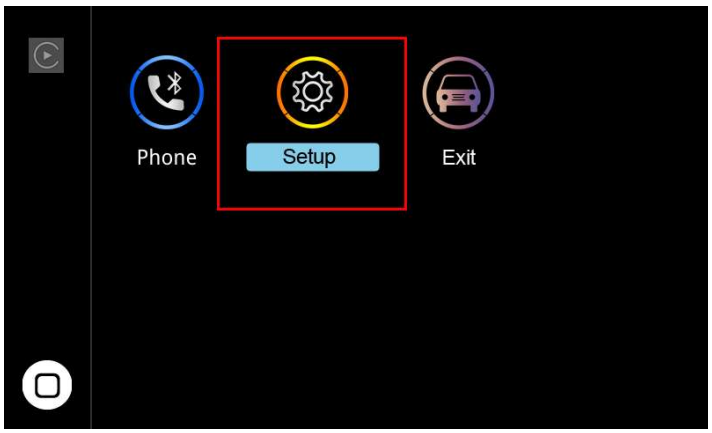
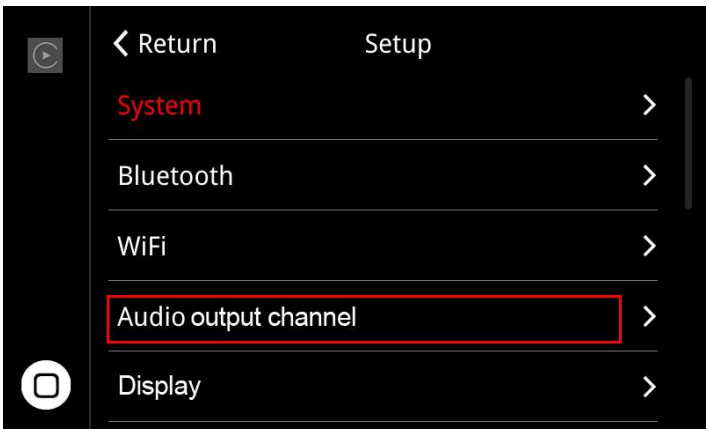
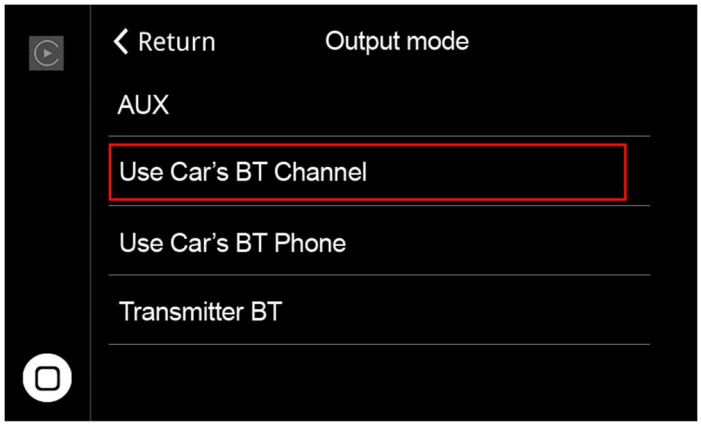
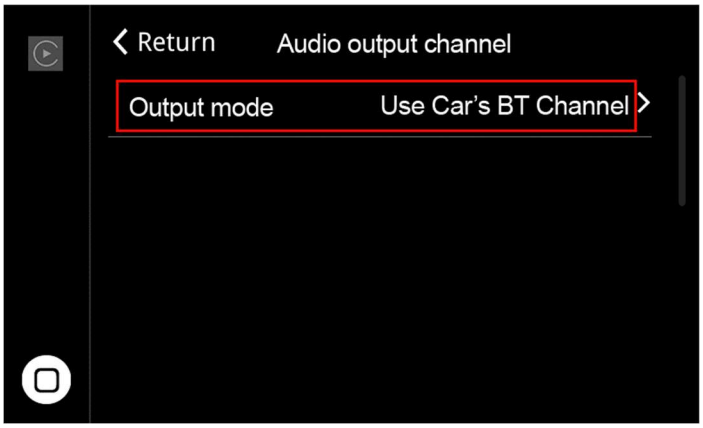


3.2 Phone Bluetooth output

Note: This sound connection mode only supports Carplay and Android Auto, as well as Bluetooth calls. USB/SD card music video sound output is not supported. Mirrored sound output is not supported.

4.2.1 Set the CarPlay decoder box sound output mode into “Use Car’s BT Channel”

Enter the “Setup” menu from the decoder main menu , Set the “Audio output channel” into “Use Car’s BT Channel” .

Step 1	Step 2
	
Step 3	**Step 4**
	

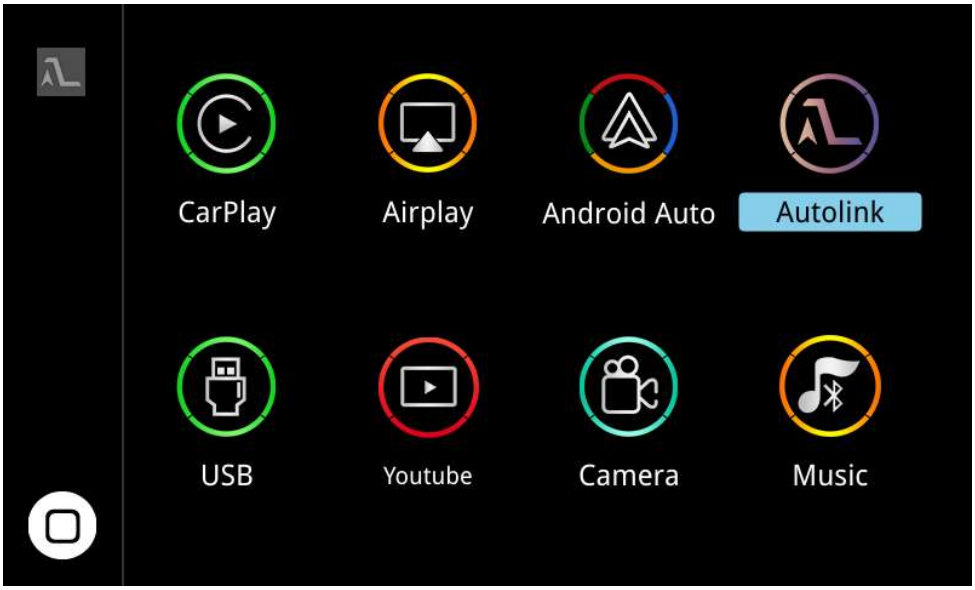
4.2.2 Pair the Phone Bluetooth to the OEM Audi Bluetooth

4.2.3 After the phone Bluetooth is paired successfully, Keep the original OEM Audi system into Bluetooth audio page, and long press “MEDIA” button from MMI knob controller to enter into the CarPlay decoder interface and enjoy the CarPlay/Android auto.





The CarPlay decoder main interface



4. Reverse and Front Cameras

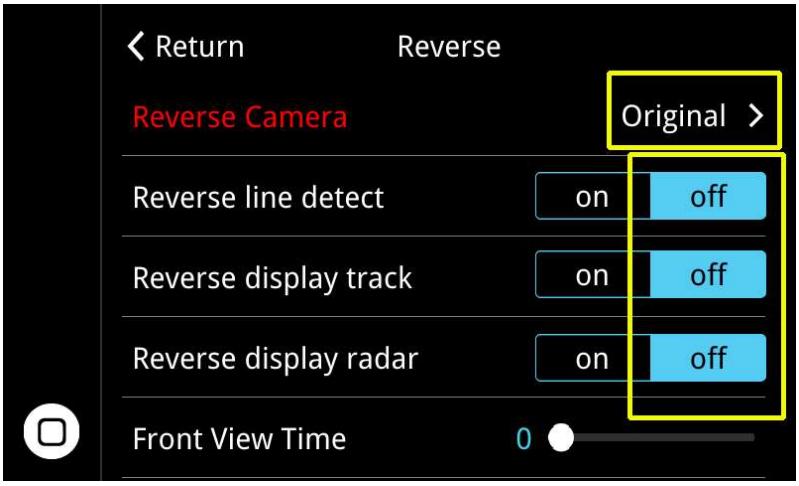
4.1 Original OEM camera

Setting is different for the Automatic Transmission car and the Manual Transmission car.

4.1.1 Setup for Automatic Transmission car with original OEM camera

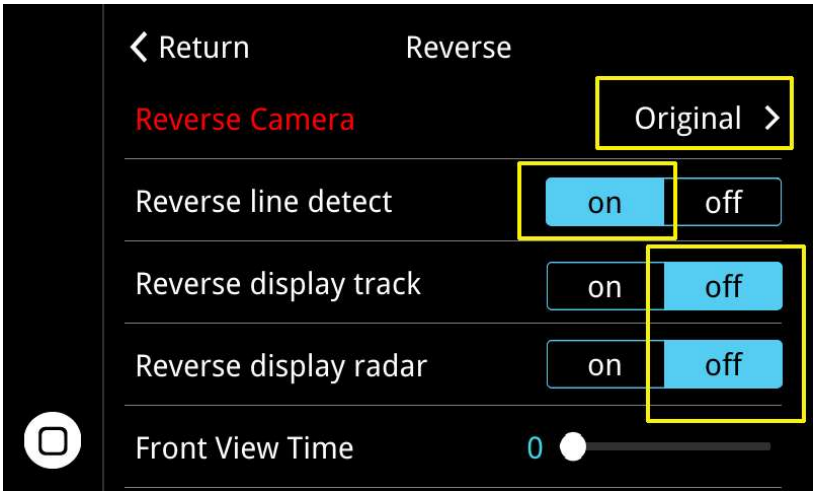
Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Original”.

Make sure that the following three options are all set to “off”.



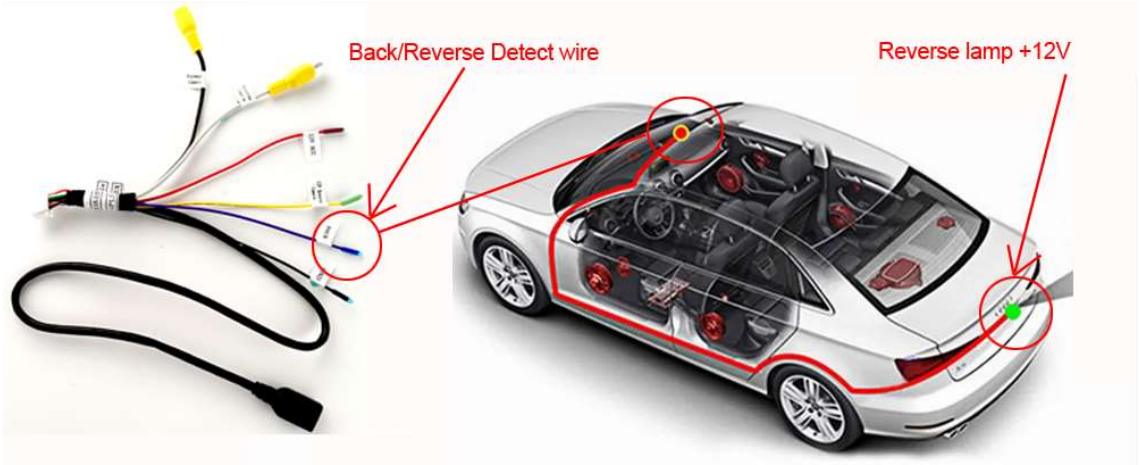
4.1.2 Setup for Manual Transmission car with original OEM camera

Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Original”, and set the “Reverse line detect” into “on”, the others are set to “off”



After set the “Reverse line detect” into “on”, for the Manual Transmission car, you need to connect the “Back/Reverse detect” wire to your car reverse lamp positive (+12V).

You manage to get a wire long enough to connect it (connect the Reverse detect wire to your car reverse lamp +12V), because it doesn’t come with the package.



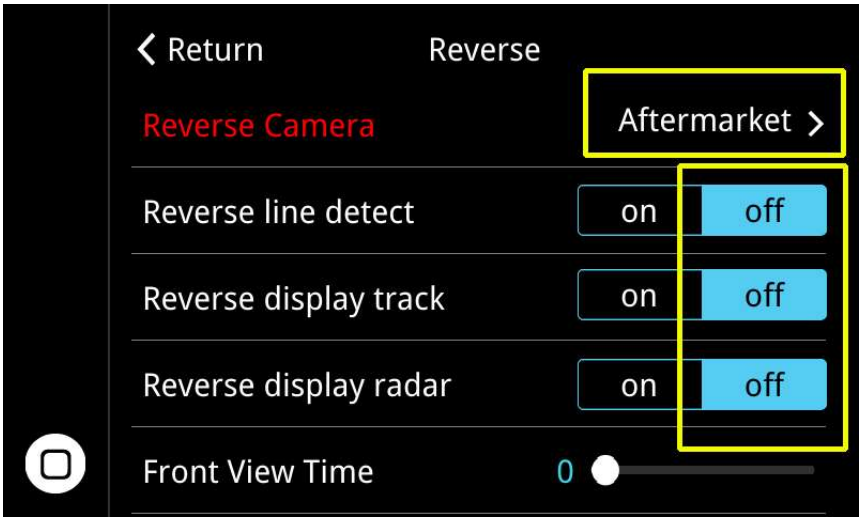
4.2 Aftermarket reverse camera

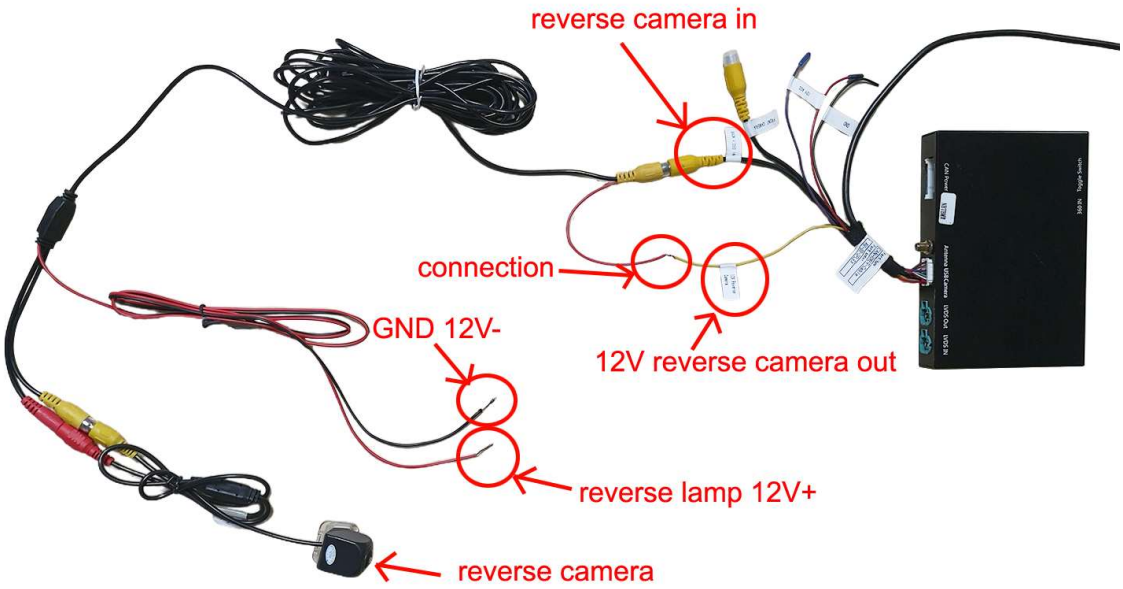
Setting is different for the Automatic Transmission car and the Manual Transmission car.

4.2.1 Setup for Automatic Transmission car with aftermarket camera

Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Aftermarket”.

Make sure that the following three options are all set to “off”.

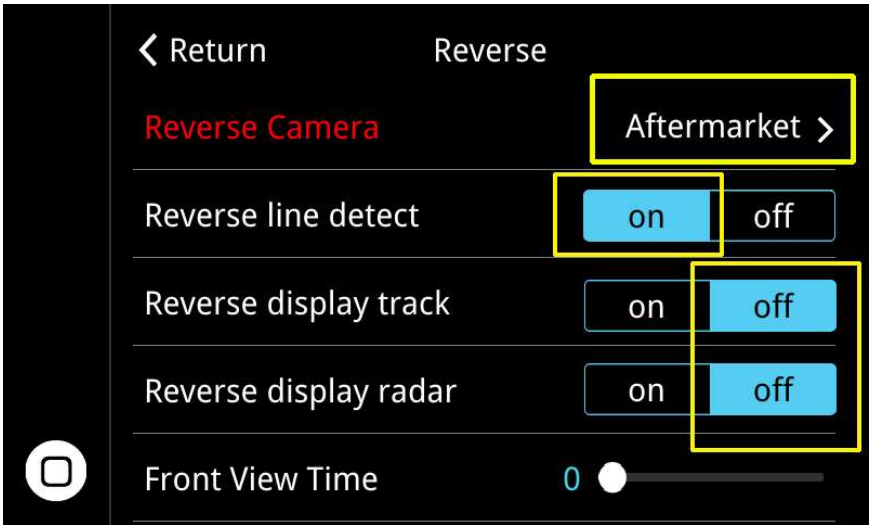


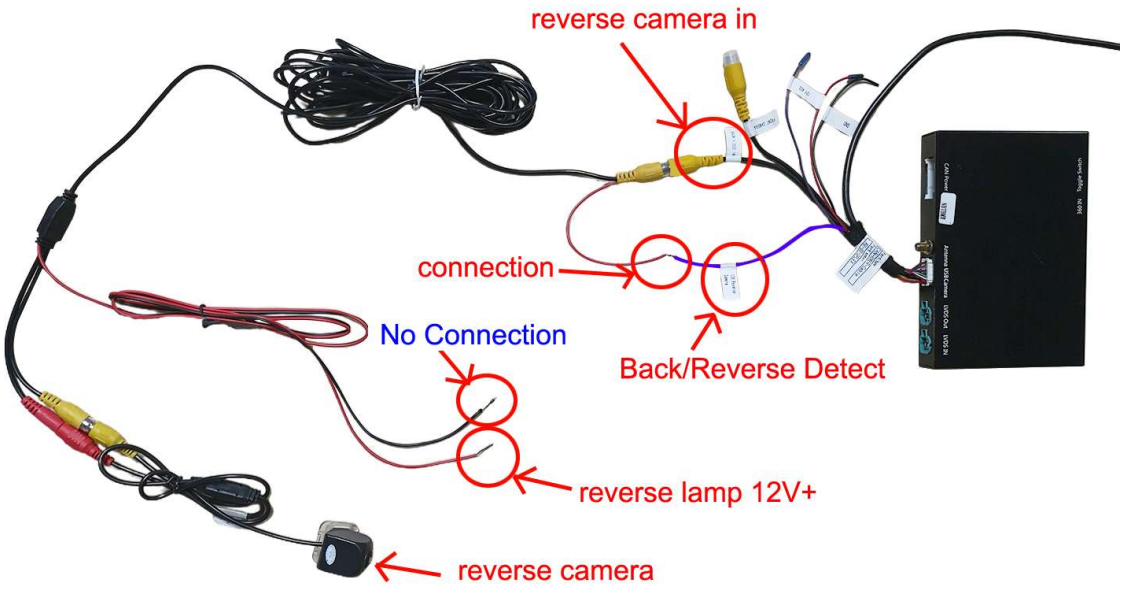


Aftermarket rear view camera cable connection for Automatic Transmission car

4.2.2 Setup for Manual Transmission car with aftermarket camera

Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Aftermarket”, and set the “Reverse line detect” into “on”, the others are set to “off”

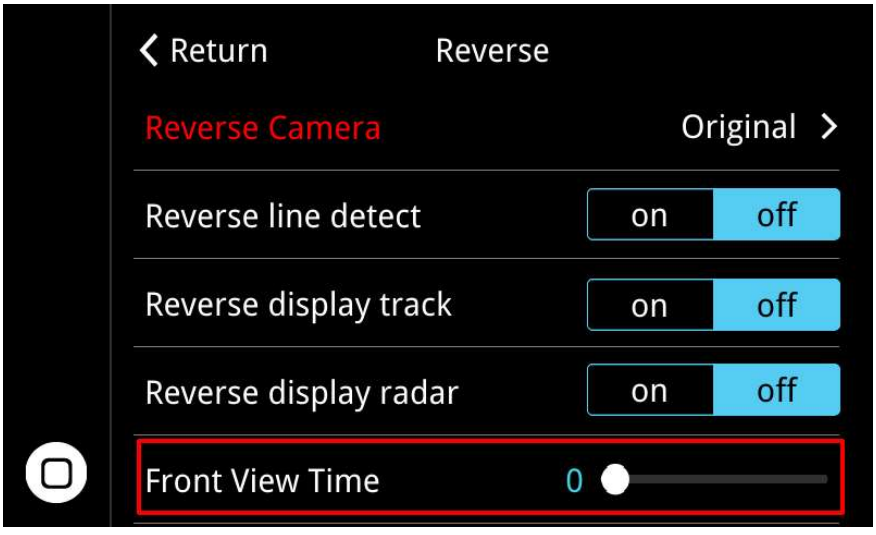




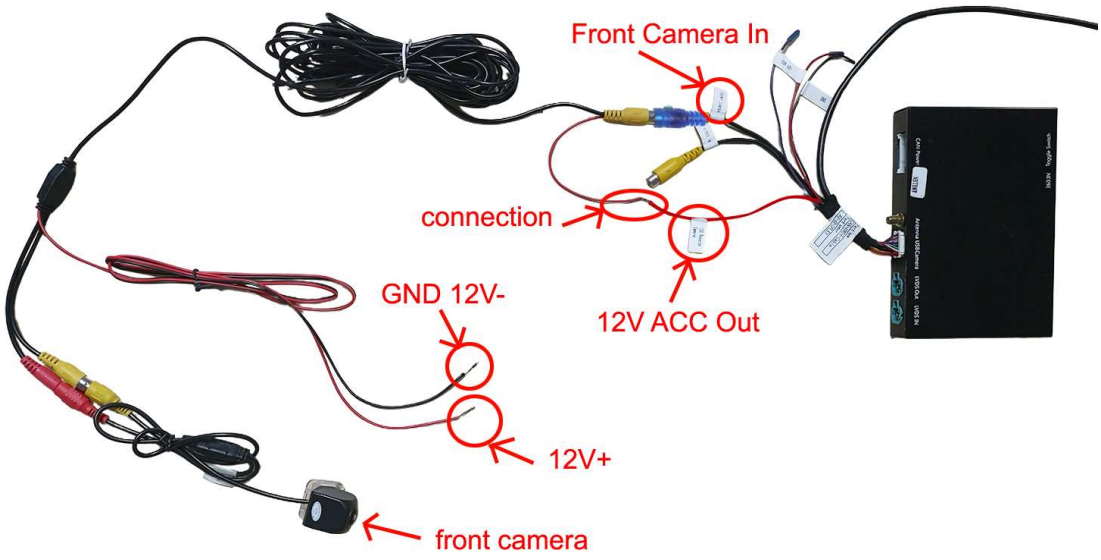
Aftermarket rear view camera cable connection for Manual Transmission car

4.3 Front view cameras

Front view camera settings: enter into the “Reverse” setting interface, and set the front view time between 1 to 15 seconds.



Tip: if your car doesn’t install the front view camera, please set the front view time into 0 seconds.



Front view camera cable connection

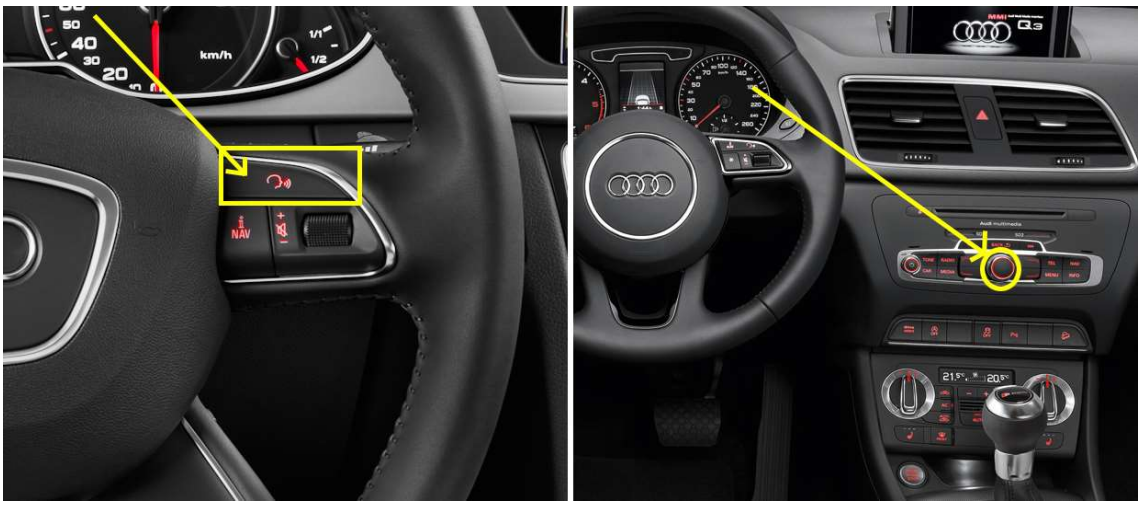
5 FAQ

1. Why is there no sound during CarPlay function?

Solution: Check the car, if the car has AMI port, AMI cable needs to be connected to the original AMI port.

2. How do I activate Siri?

There are two ways to activate the Siri function:
1) Use the Voice Control button on the steering wheel or
2) Long press the confirm button on the iDrive controller



6 Contact Us

Please contact us via purchase platform, mail or the WhatsApp if you need any help.

Tip:
before contacting us, please help us to collect the following information.

1. the order ID
2. the car model
3. the year of the car
4. screen size of the car
5. the toggle switch setup
6. pictures about the LVDS cable connection
7. the software version (in the CarPlay decoder menu, enter into the “Setting”, choose the “System Version”, you will see the software version.)

