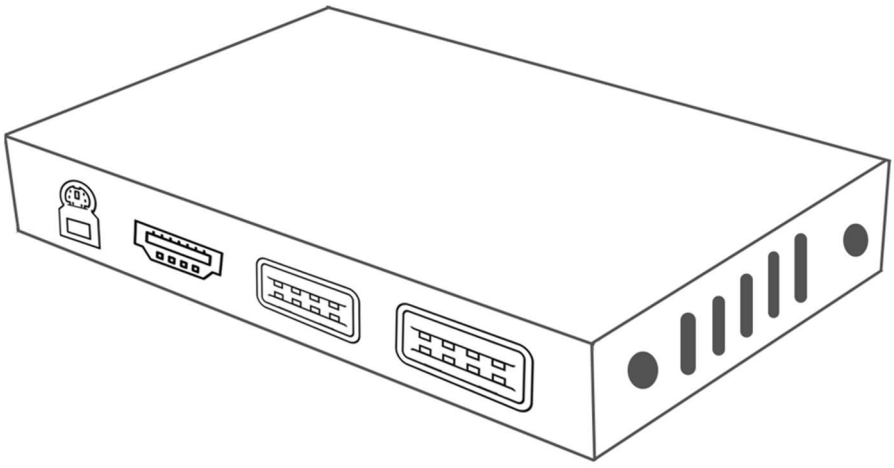
User Manual

Cable Connection

For PCM3.1 System



Contents

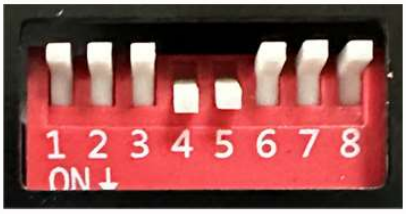
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1. Toggle Switch Setup

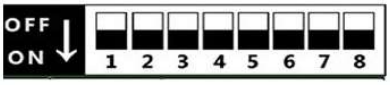
1.1 Where to find the toggle（DIP）switches?



1.2 Set the toggle switch



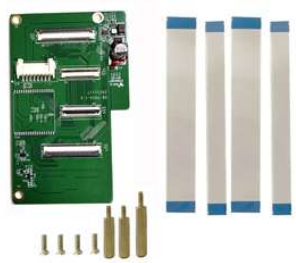
Smart Link System



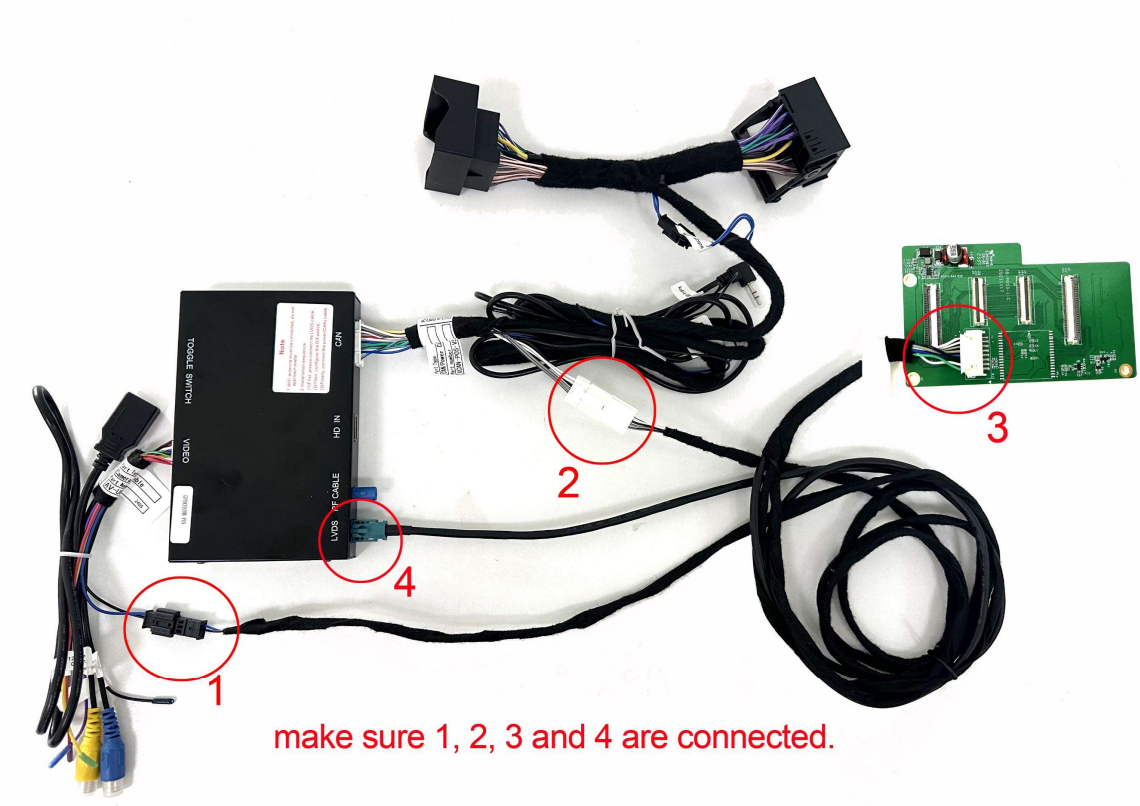
	1	2	3	4	5	6	7	8
Off	✓	✓	✓			✓	✓	✓
On				✓	✓			

2. Cable Connection

2.1 Cables and accessories

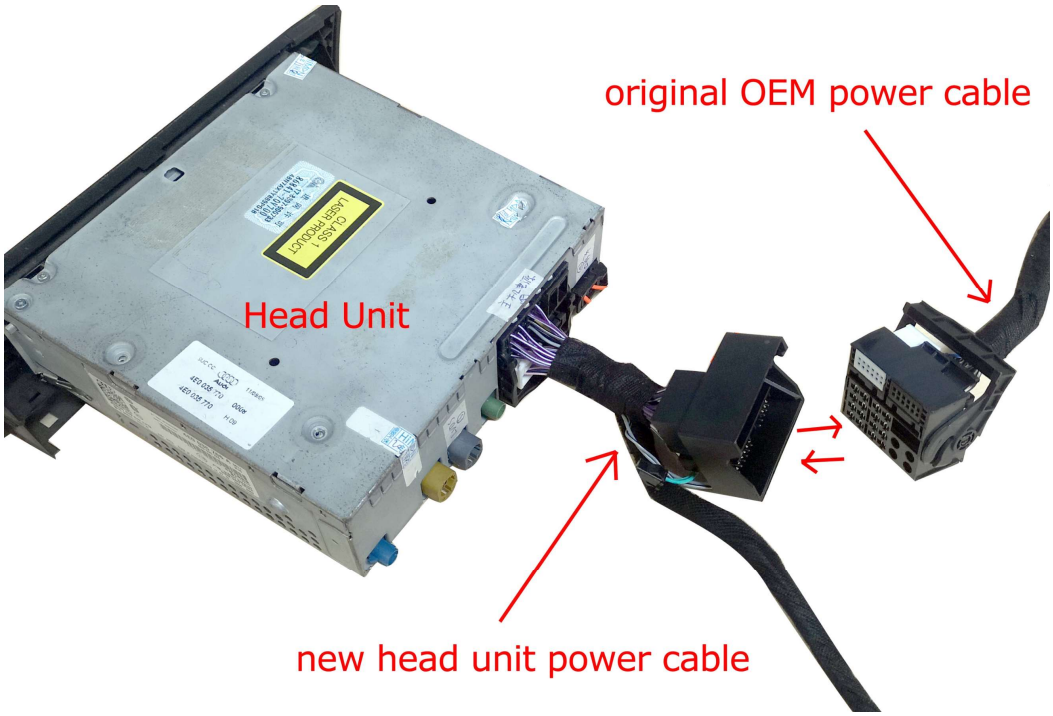
 CarPlay decoder box	 Power cable harness	
 LVDS cable	 WiFi antenna	 USB-AV cable
 FPC adapter board	 Aftermarket Mic	 original Mic extend cable

2.2 Cable connection chart

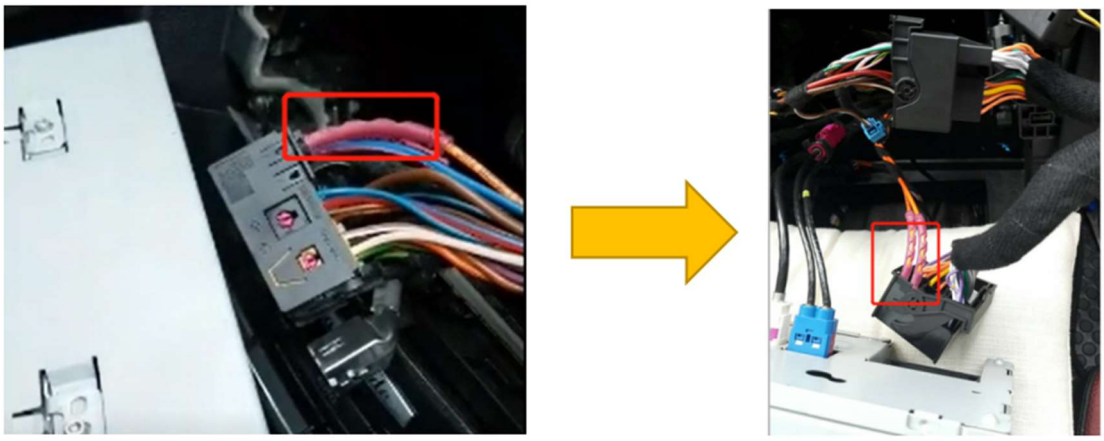


2.3 Head Unit power cable connection

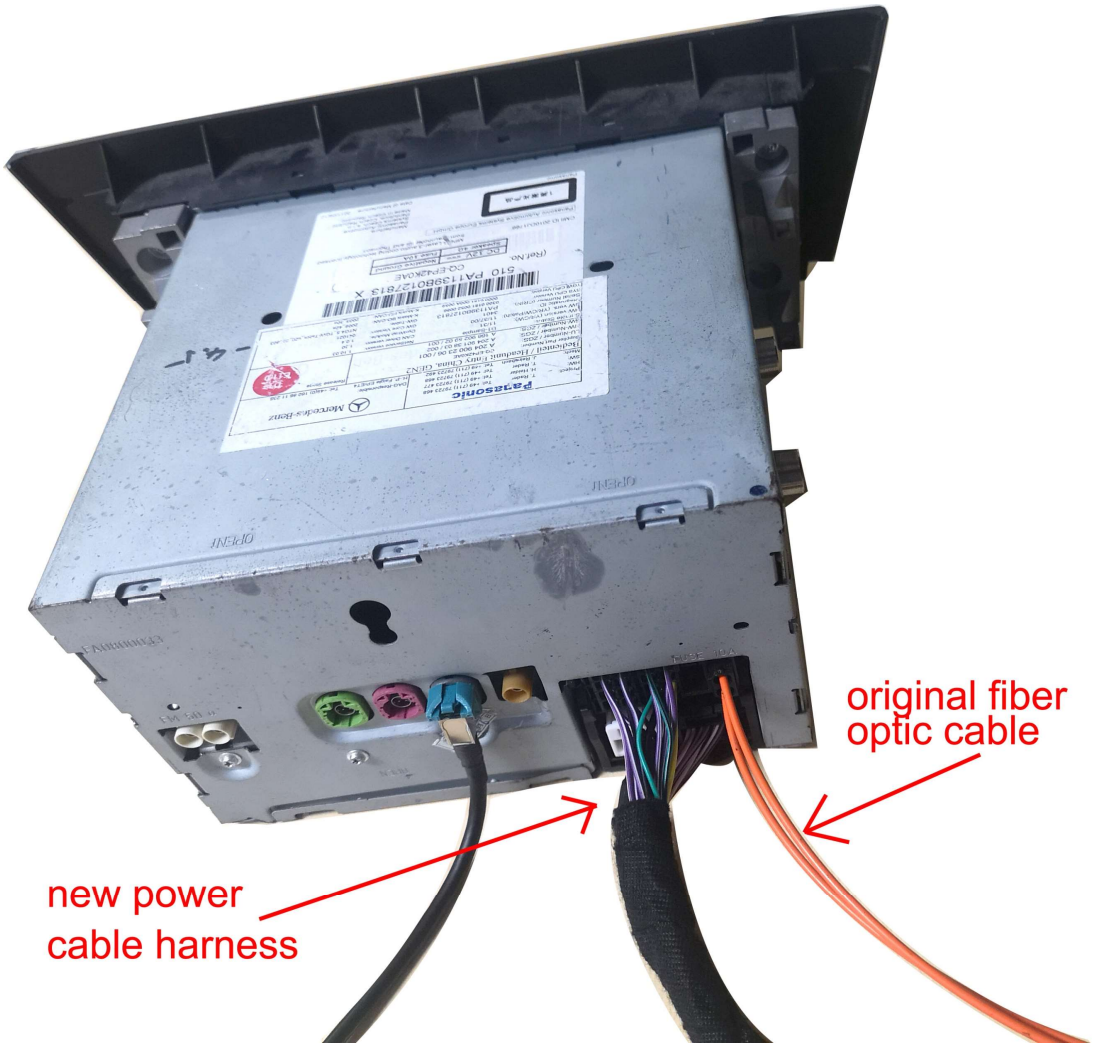
1) Unplug the OEM original power cable from the head unit and reconnect it to the new cable harness. Then plug the new cable into the head unit.



2) If your car has fiber optic cable, you need to move the original fiber optic cable from OEM power cable to the new power cable harness.

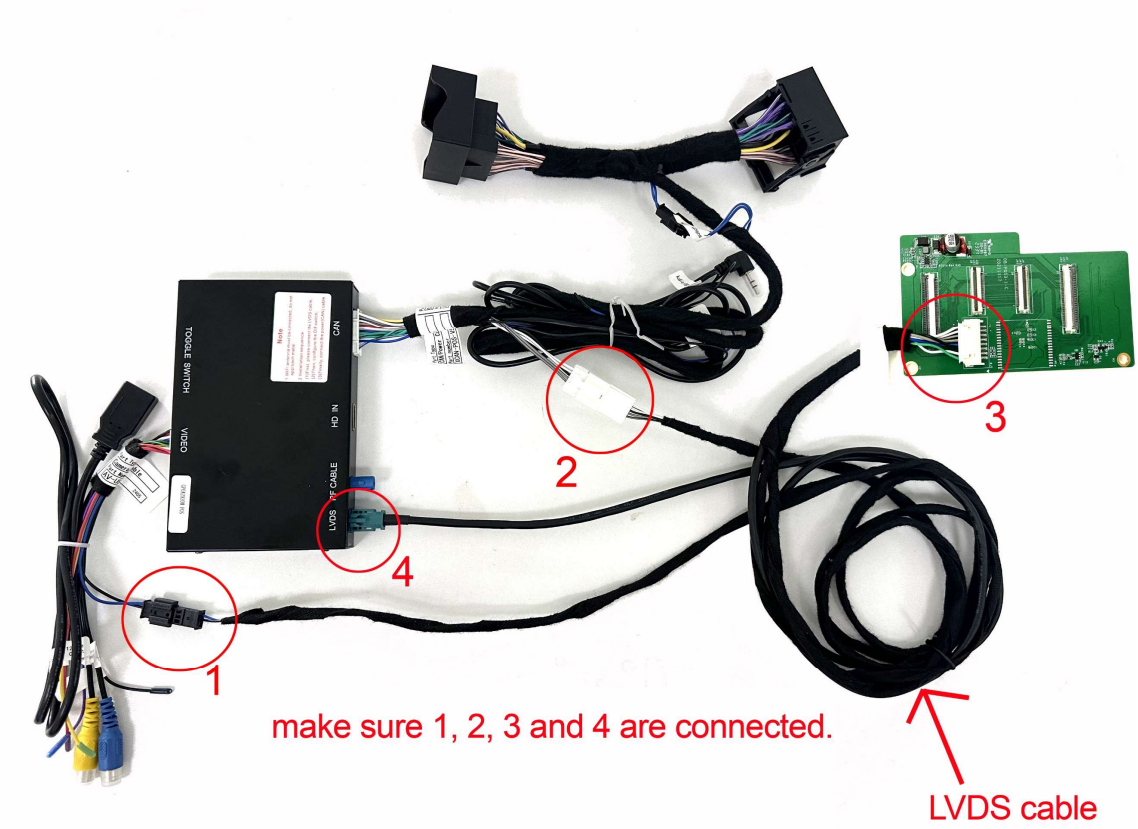


Please remove your original car's fiber optic to our power cable as the picture shown.

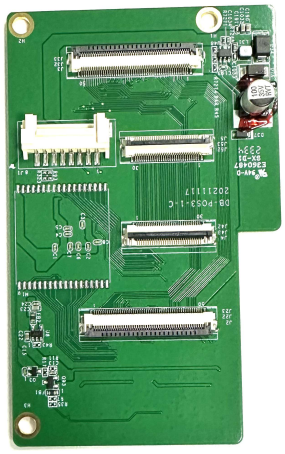
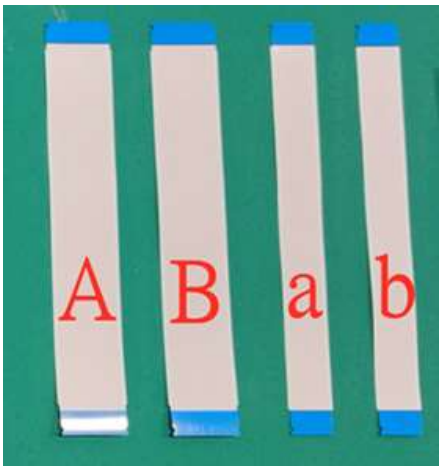


2.4 LVDS cable connection

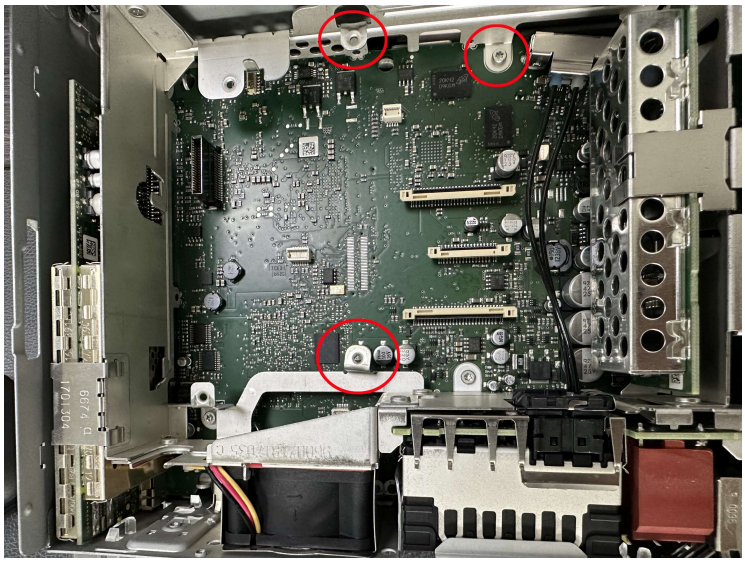
Connect the LVDS cable to LVDS port (as shown in Figure 4), to power cable (as shown in Figure 2), to USB-VA cable (as shown in Figure 1), and to FPC adapter board (as shown in Figure 3).

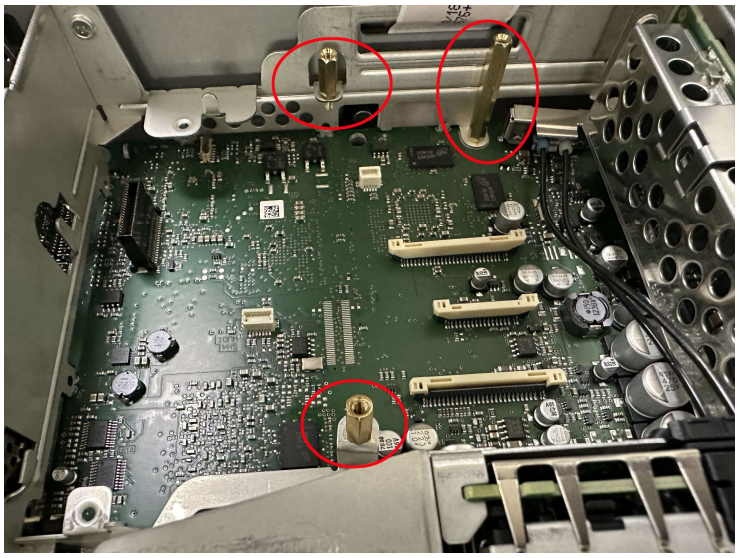


2.5 FPC adapter board installation

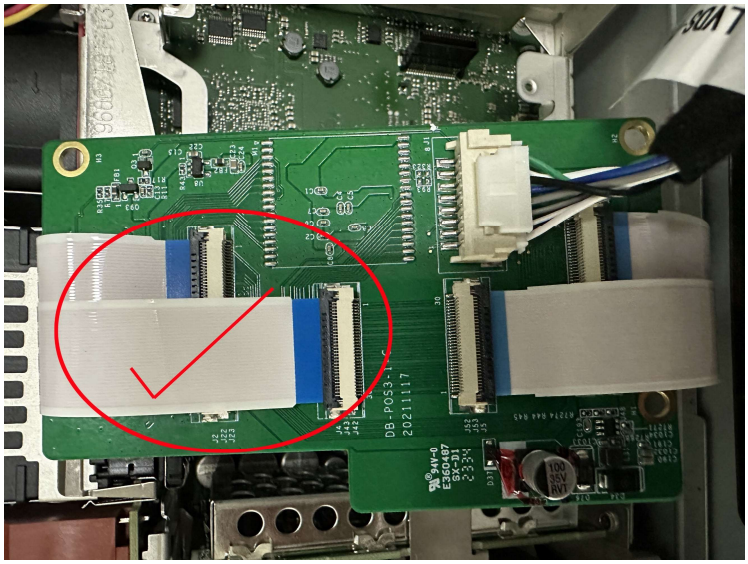
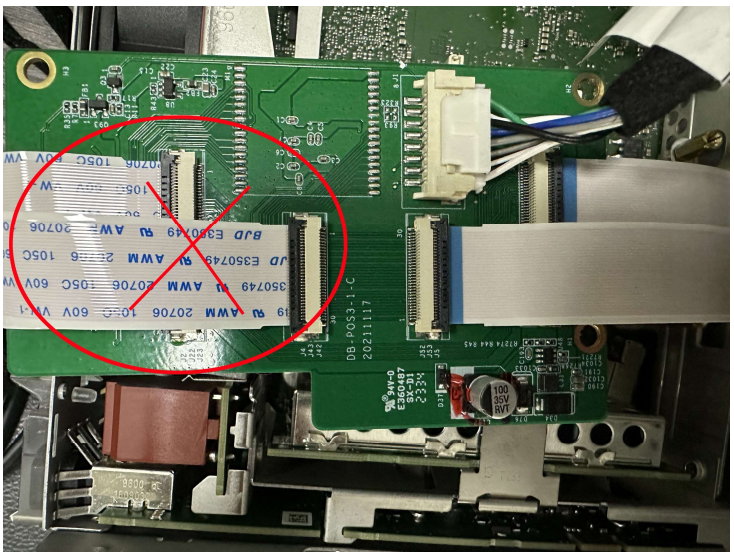
FPC adapter circuit board	FPC cable
	
	Tip: “A” and “a” are for installation “B” and “b” are for backup

2.5.1 Before to installing the FPC board, please install the long screws first. Use the long screws to instead of the OEM screw as showed in the picture. +



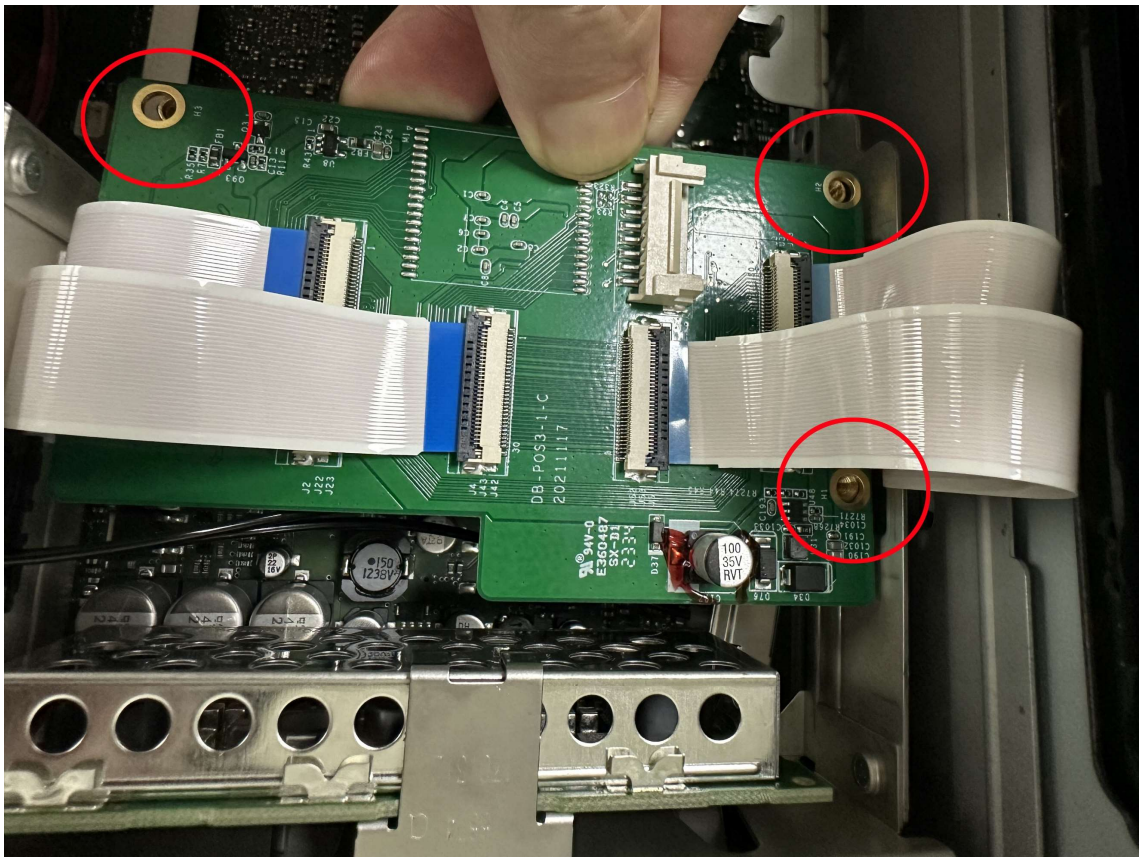


2.5.2 Please pay attention to the front and back of the FPC cable during installation to prevent wrong connection.

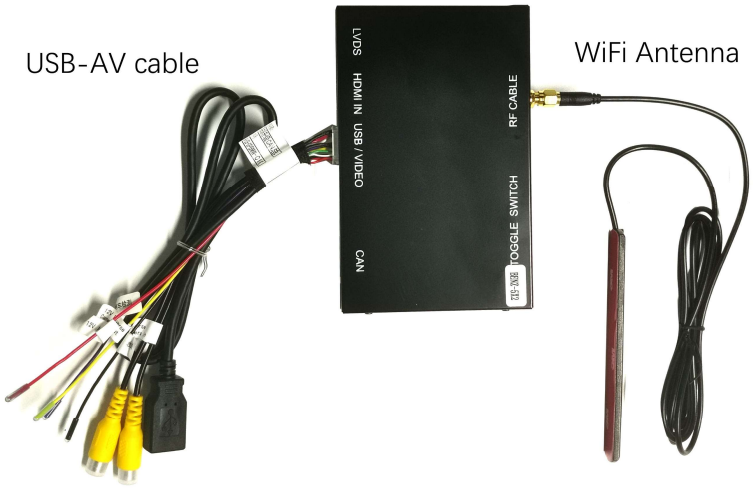
The correct installation	The wrong installation
	

2.5.3 Please scan QR code, view the detail via YouTube video on DVD head unit removal guidance and FPC board installation.

2.5.4 Fix the screws



2.6 WIFI antenna and USB-AV cable connection

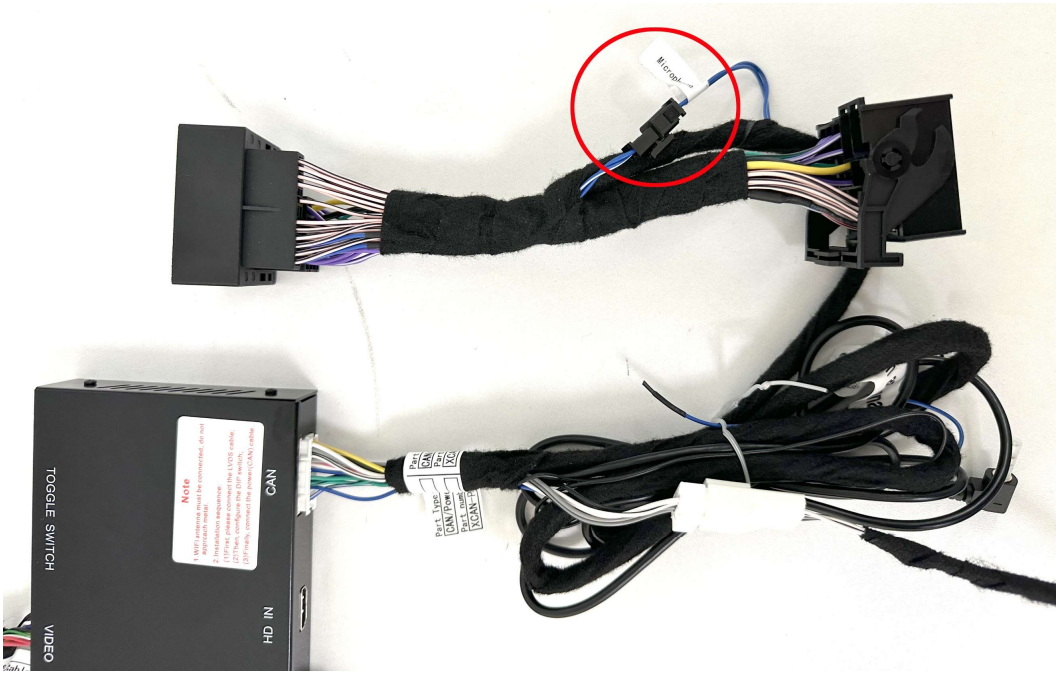


Note: To avoid losing the WiFi signal, make sure the antenna is not placed close to metal objects.



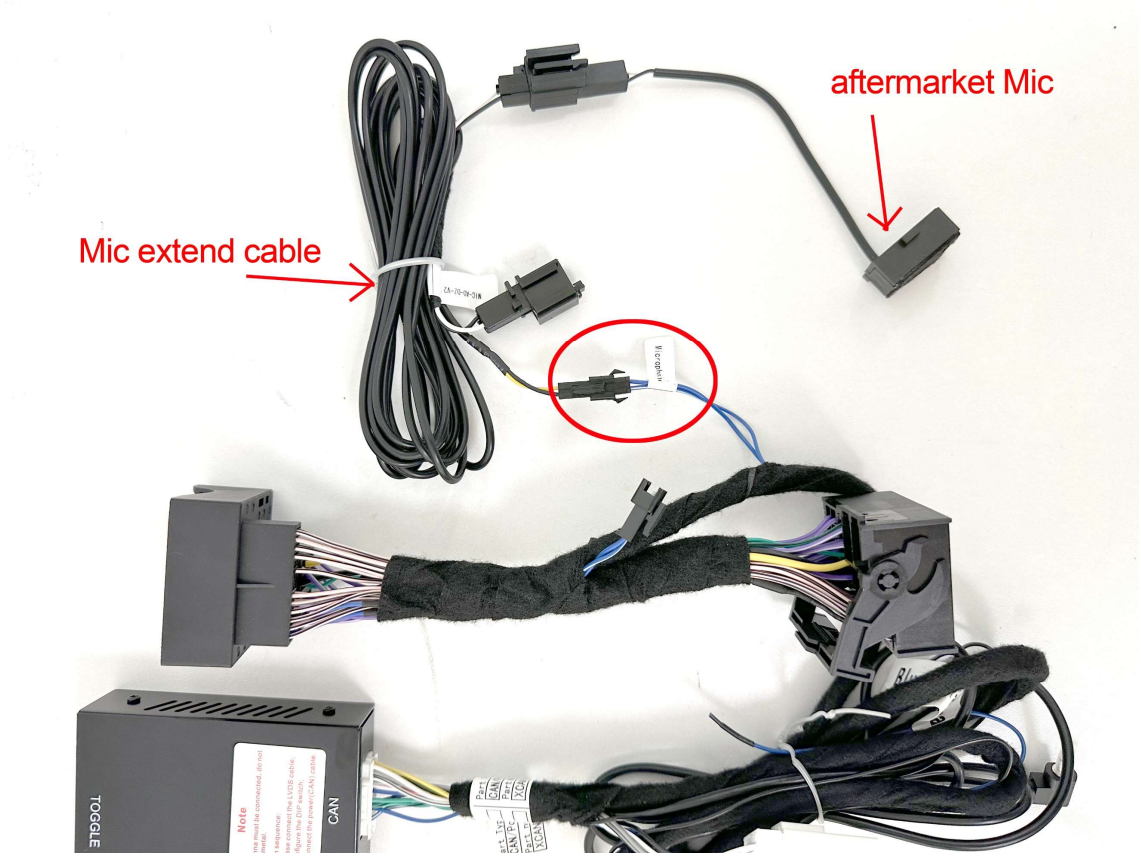
2.7 Microphone connection

2.7.1 for Cars with OEM Mic function



2.7.2 for Cars without OEM Mic function

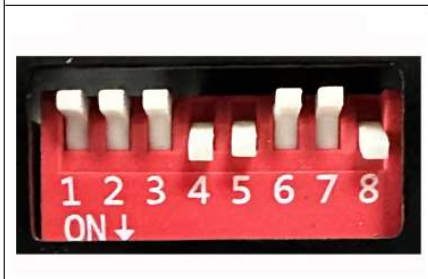
If your car doesn't have the Mic function, you can use the aftermarket Mic.



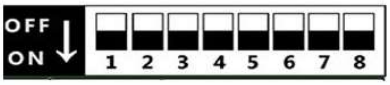
Aftermarket mic should be installed close to the driver position.



The code 8 of the toggle switch needs to be set to “ON” for the aftermarket Mic function.

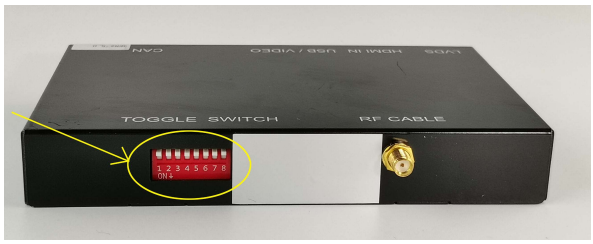


Smart Link System



	1	2	3	4	5	6	7	8
Off	✓	✓	✓			✓	✓	
On				✓	✓			✓

After the power cable connection, when change the toggle switch setup, you need to restart the car engine and reconnect the CAN cable.

Steps for change the toggle switch	
Step 1 : power off the engine	
Step 2 : unplug the CAN power cable	
Step 3 : change the toggle switch according the toggle switch dial setup chart	
Step 4 : reconnect the CAN power cable	
Step 5 : power on the engine	

2.8 Where to put the CarPlay box?

The CarPlay interface decoder box should be installed in an appropriate space near, or on, the OEM head unit. Or in the glove box.

on the OEM head unit	Beside the OEM head unit
	
In the glove box	In the glove box
	

3. CarPlay Decoder Sound Setup

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

3.1 AUX

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!

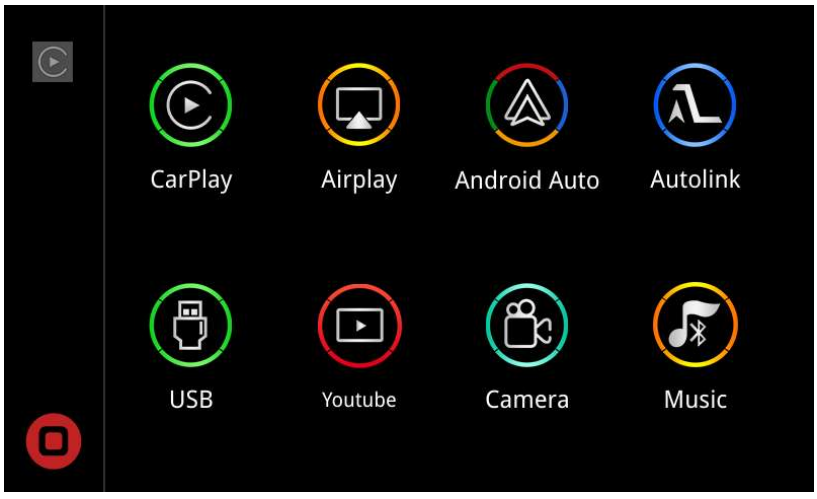
On the original PCM3.0 System, enter into the “SOURCE“ interface， choose the “AUX”. (If your car don’t show the AUX function, please contact us to fix the “AUX” out.)



Then long pressing the “INFO” button 3 seconds, you can switch system between the original PCM3.0 system and the CarPlay interfaces.



The CarPlay decoder main interface

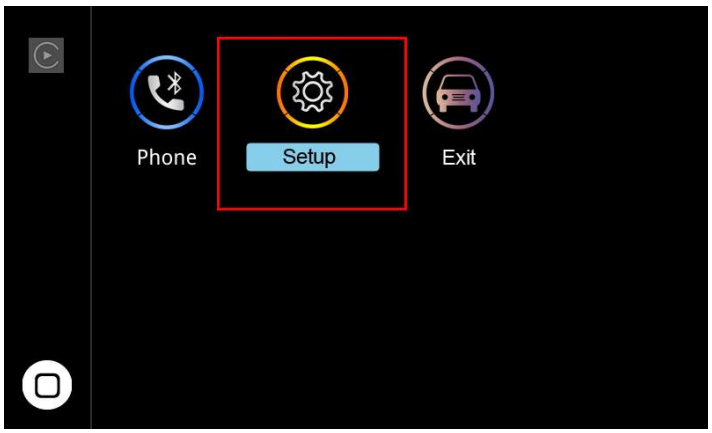
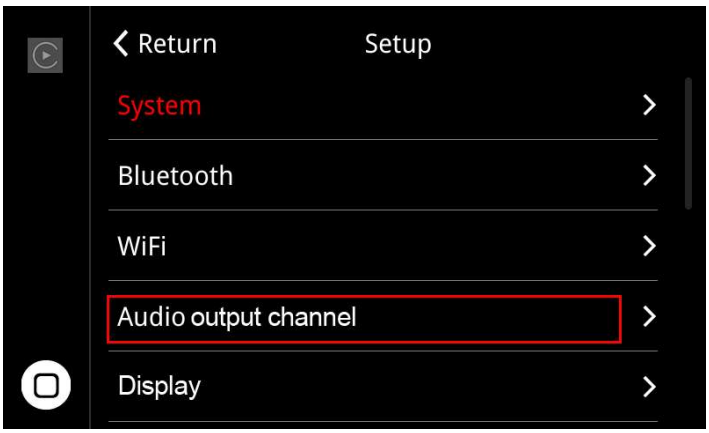
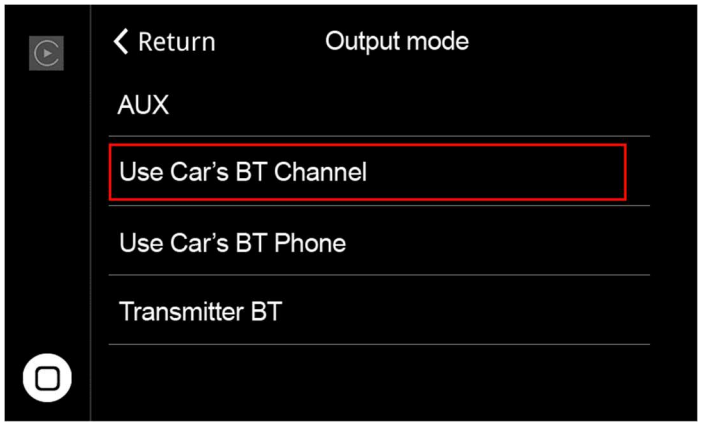
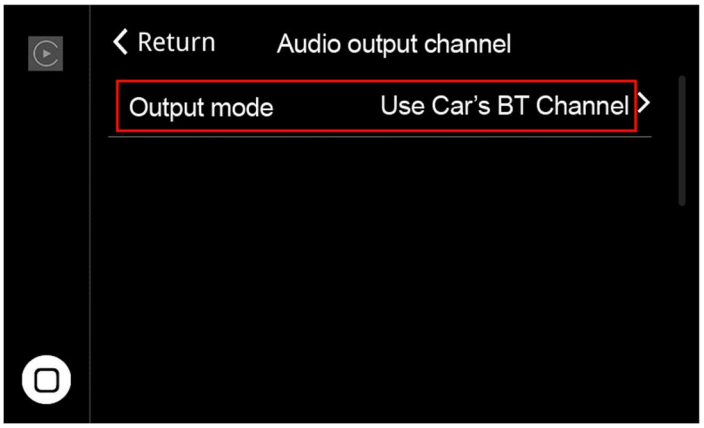


3.2 Phone Bluetooth output

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.

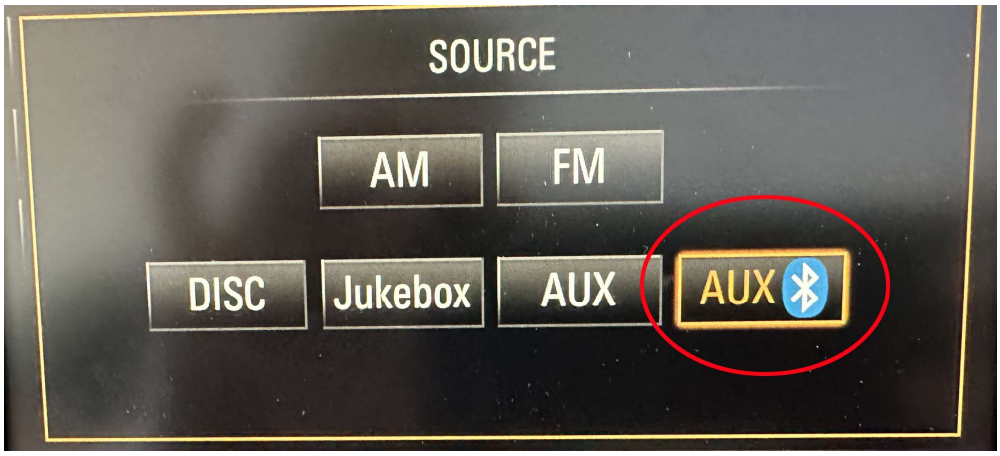
3.2.1 Set the CarPlay decoder box sound output mode into “Use Car’s BT Channel”

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
	

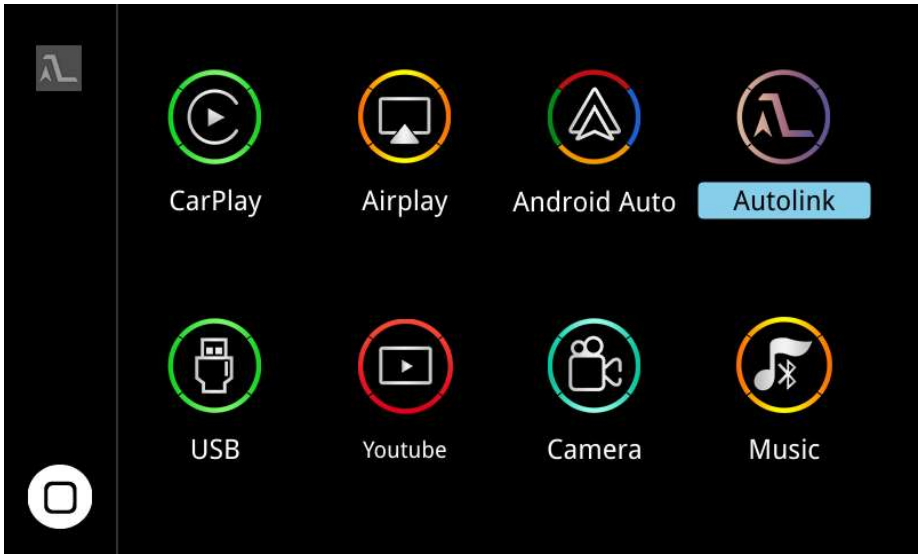
3.2.2 Pair the Phone Bluetooth to the OEM PCM Bluetooth

3.2.3 After the phone Bluetooth is paired successfully, Keep the original OEM PCM system into Bluetooth audio page, and long pressing the “INFO” button 3 seconds to enter into the CarPlay decoder interface and enjoy the CarPlay/Android auto.





The CarPlay decoder main interface



4. Reverse and Front Cameras

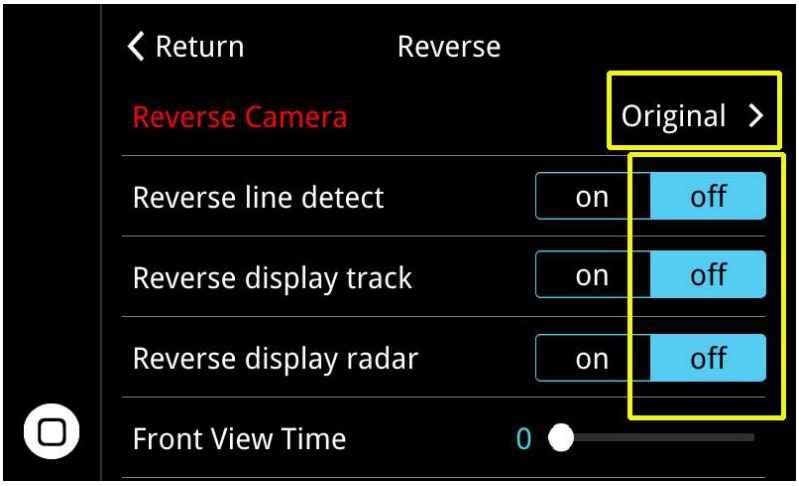
4.1 Original OEM camera

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

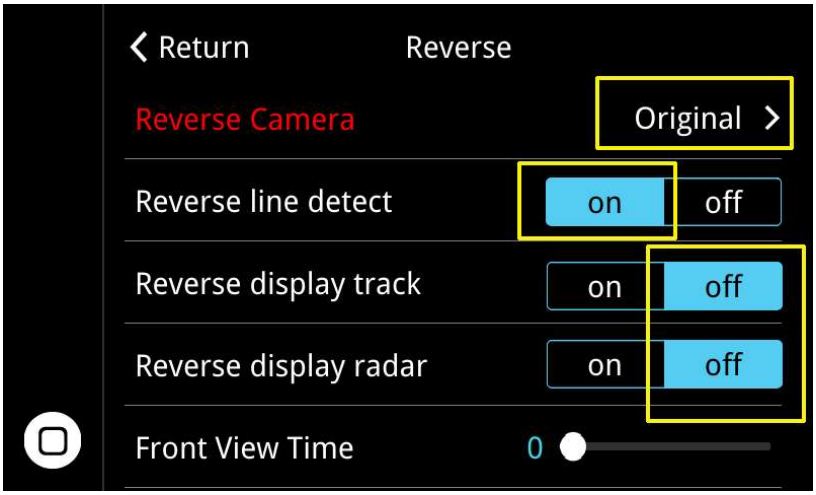
Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Original”.

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



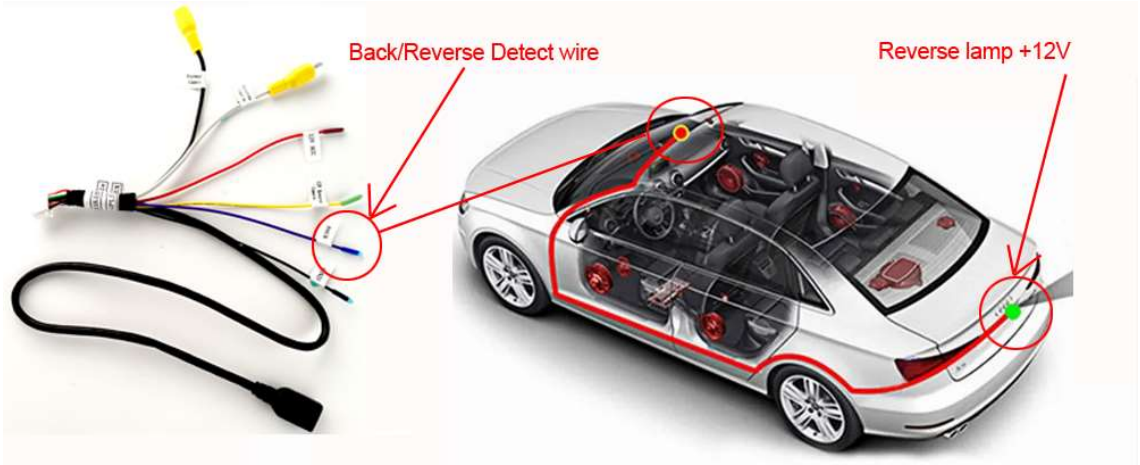
4.1.2 Setup for Manual Transmission car with original OEM camera

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.



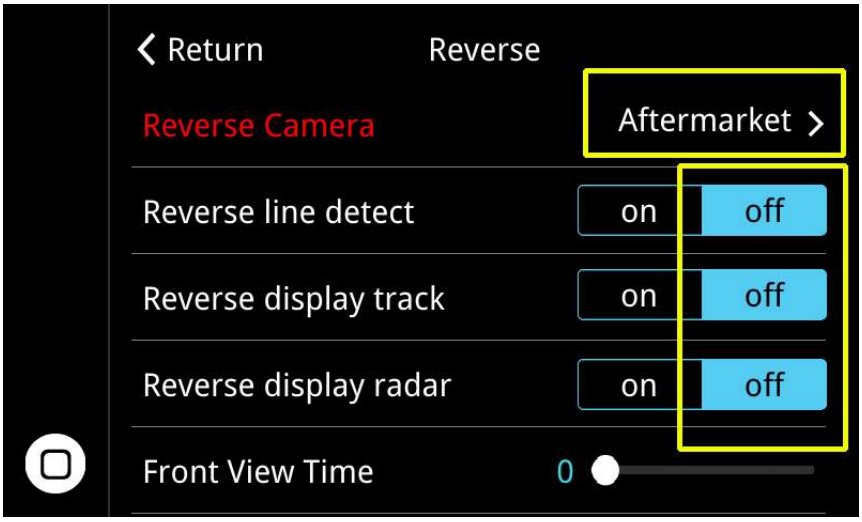
4.2 Aftermarket reverse camera

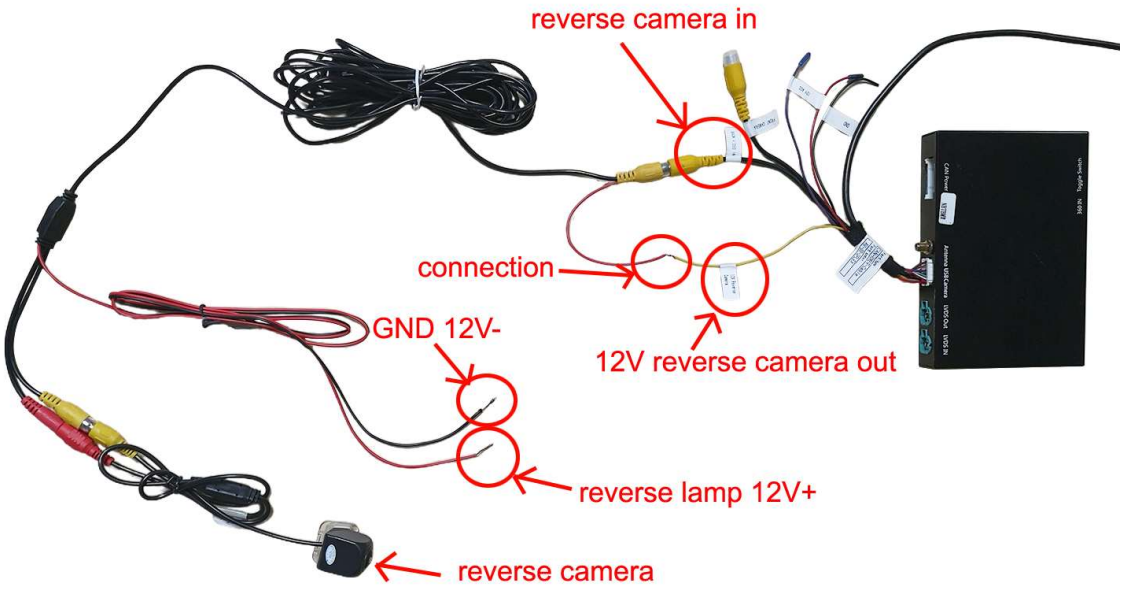
Setting is different for the Automatic Transmission car and the Manual Transmission car.

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”.

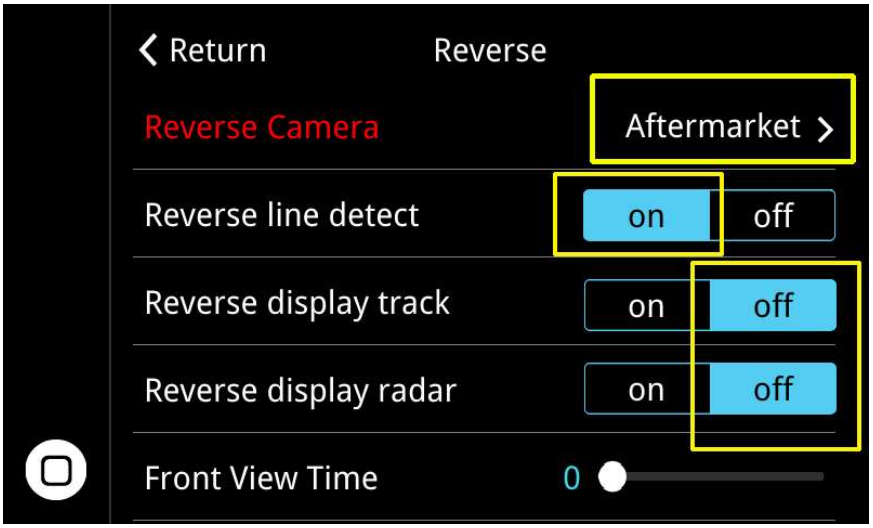


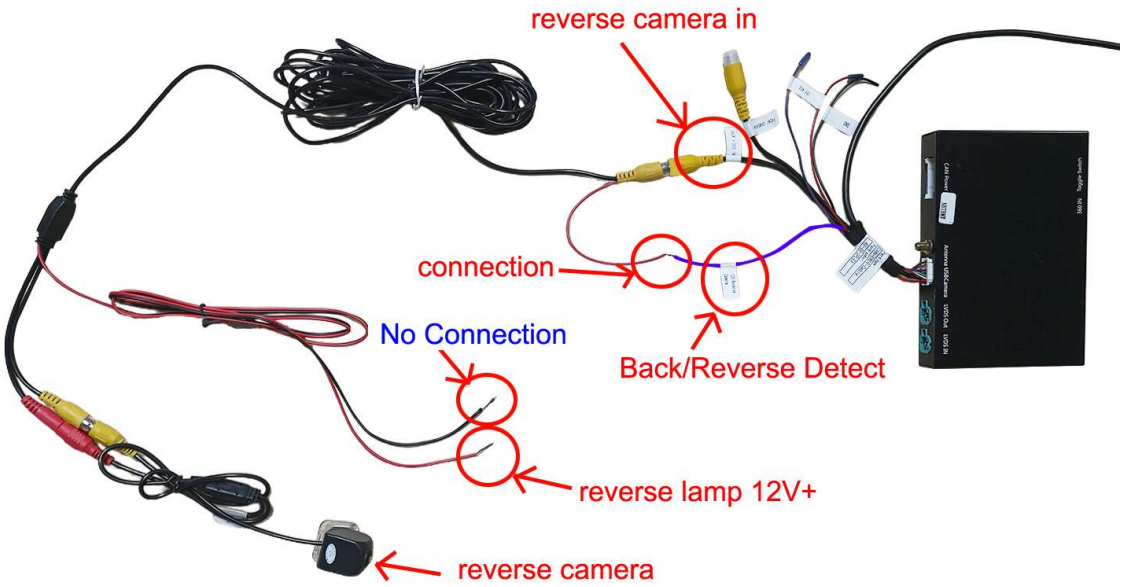


Aftermarket rear view camera cable connection for Automatic Transmission car

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”

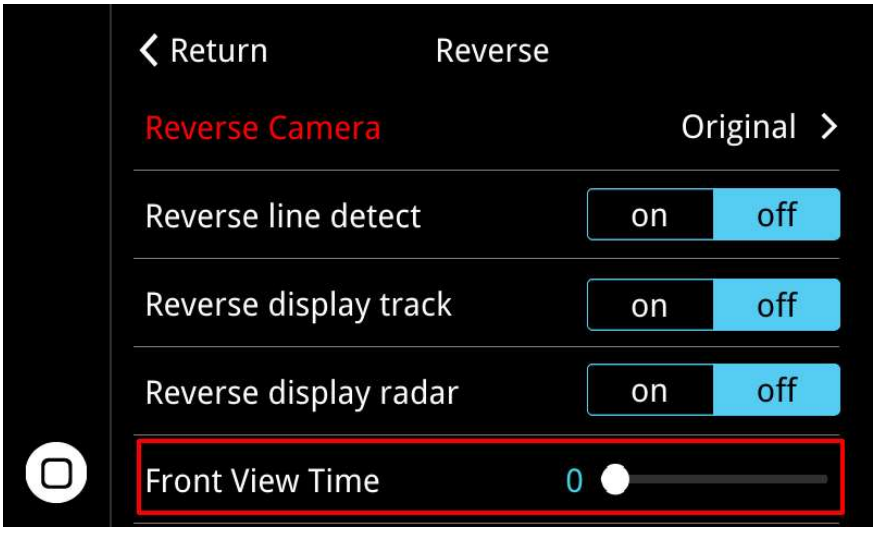




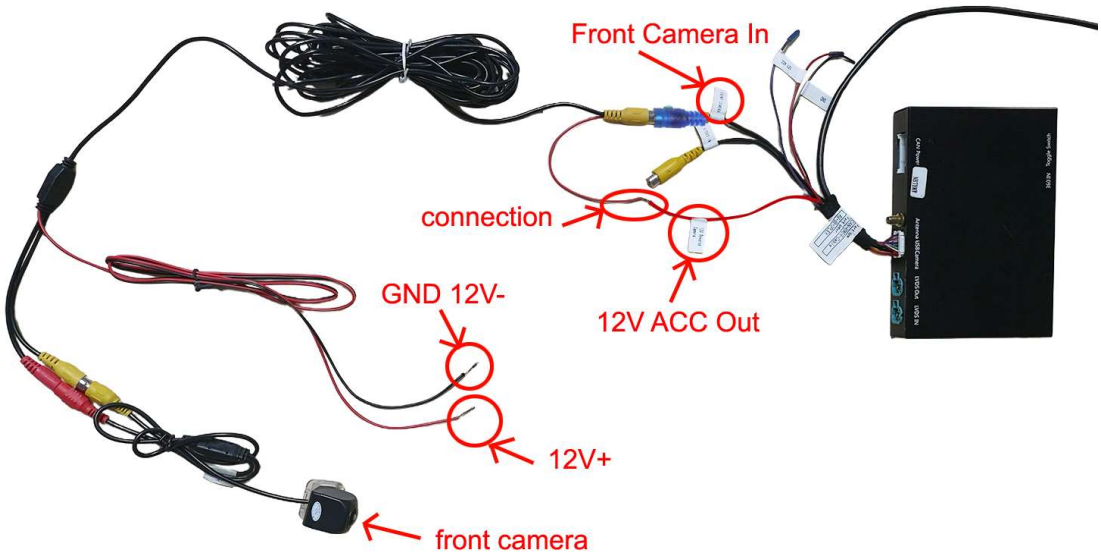
Aftermarket rear view camera cable connection for Manual Transmission car

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 Head Unit buttons work on CarPlay Interface



1: short press to answer the call
2: short press to cut the call
3: Next song
4: Previous song
5: Adjust the volume level (Before to use the function, you need to set the audio in the setting function, go the “Setup” page, and click the “Audio”, then set the “Use volume key to control system volume” into “on”.)
6: Long press for 3 seconds to switch the PCM system and CarPlay system
7: Next function 8: Previous function
9: Next function or previous function when turn right or turn left
Short press to choose the function, long press to active the Siri function
10: Long press for 3 seconds to switch the PCM system and CarPlay system

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.)

