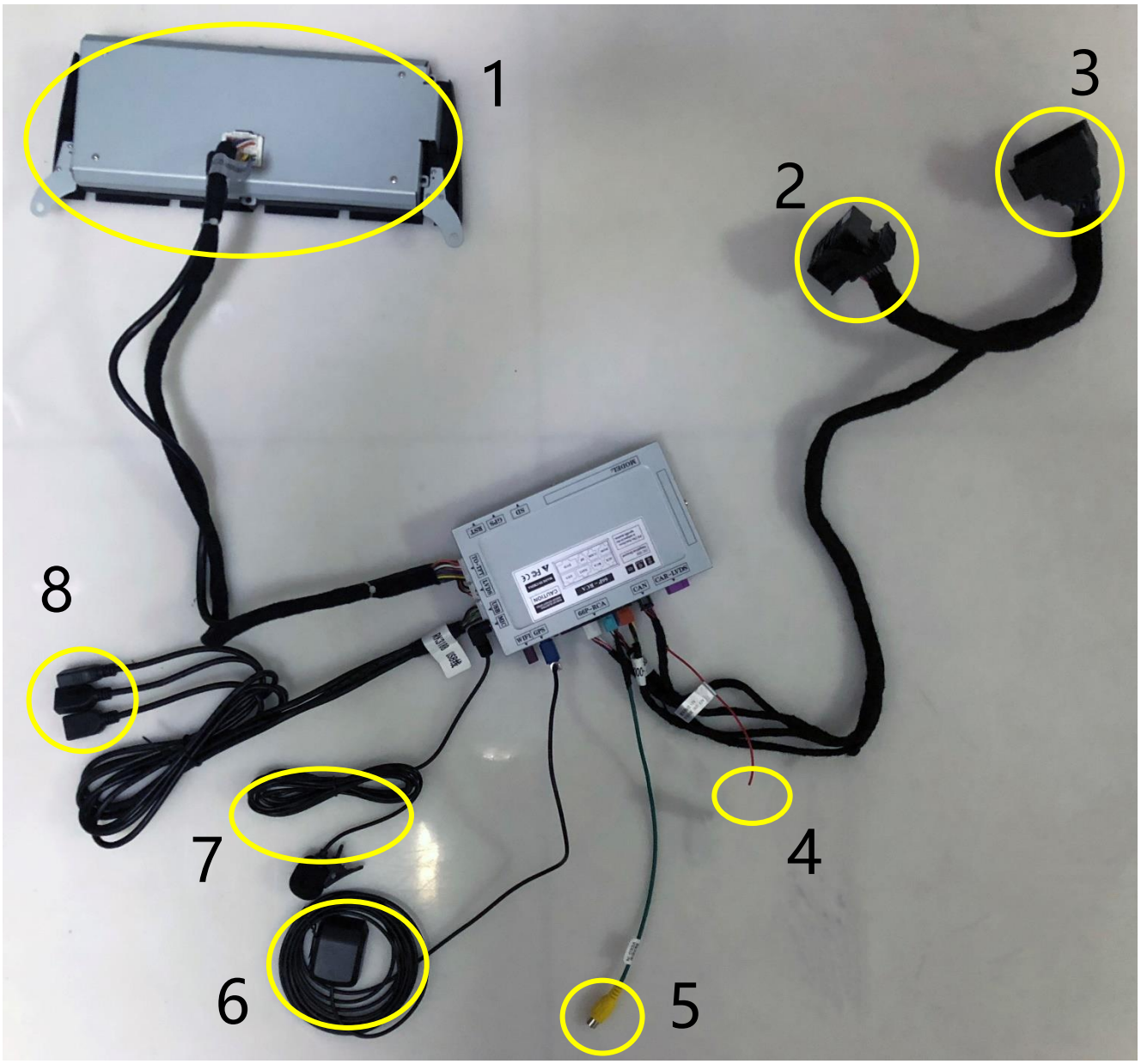
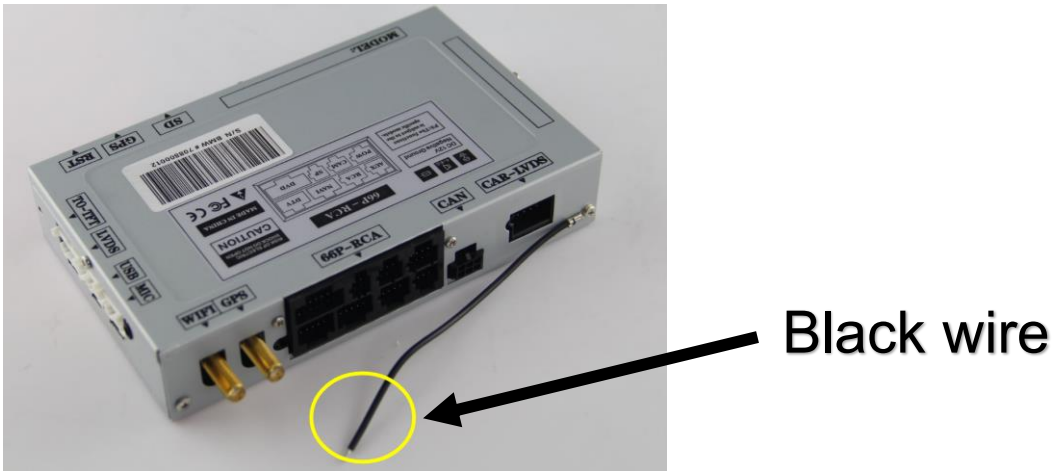
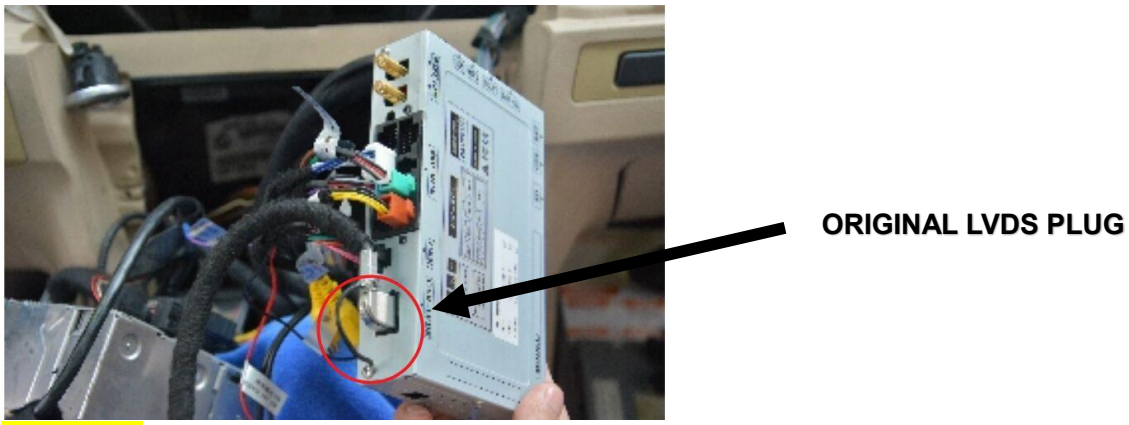
Wiring diagram for BMW CCC



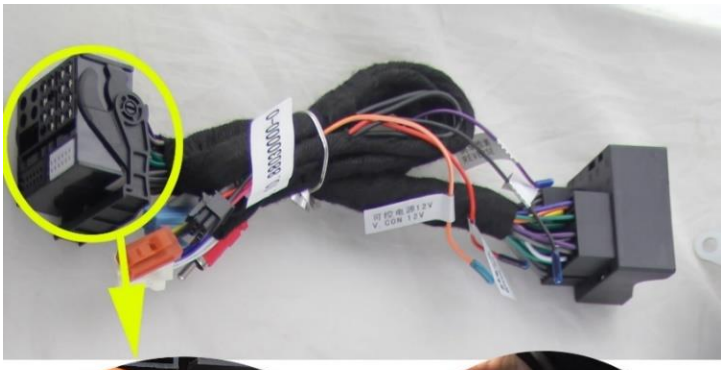
1. New navigation screen.
2. Plug in the BMW factory head unit (note that you need to plug the green fiber optics plug to this connector, see details in the next page of this instructions).
3. Connect to the BMW factory harness, which removed from OEM Mercedes head unit.
4. “REVERSE OUT 12V” (power wire for aftermarket backup camera, refer to the camera wiring connection map).
5. “Backacar VIDEO IN” (for aftermarket backup camera video input, refer to the camera wiring connection map).
6. GPS Antenna (put it on the dashboard to get better GPS signal).
7. Microphone for hands free phone call, Apple Carplay or Android Auto.
8. USB cords for Apple CarPlay dongle, Android Auto dongle, U-disk or in dash camera etc.

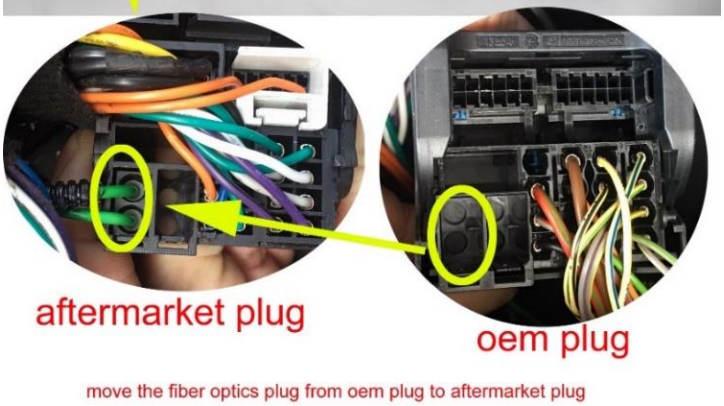
Attention 1: There is a black wire on the main control box. You must connect it to the **iron shell** of ORIGINAL LVDS plug **FIRST**（as shown in below photo） and then connect other plugs. The **RED power plug** must be connected at **LAST** step. Otherwise, it may damage the product.





Attention 2: If the original BMW plug has MOST fiber optics plug as shown below, you MUST move it from BMW OEM plug to the aftermarket plug we provided.





move the fiber optics plug from oem plug to aftermarket plug

3. Operation:

3-1. Access original OEM CCC interface, activate AUX (external audio input) function first, Entertainment/External audio input (AUX front)/activate. In addition, adjust the AUX-IN volume to max/middle. Otherwise, there is no audio output.

3-2. Long press (3 seconds) "MENU" button on iDrive OR touch the screen to switch screen from OEM CCC interface to new NBT-EVO interface.

3-3. Long press (3 seconds) "MENU" button on iDrive OR click “Car-Info” icon to switch from new NBT-EVO interface to OEM CCC interface.

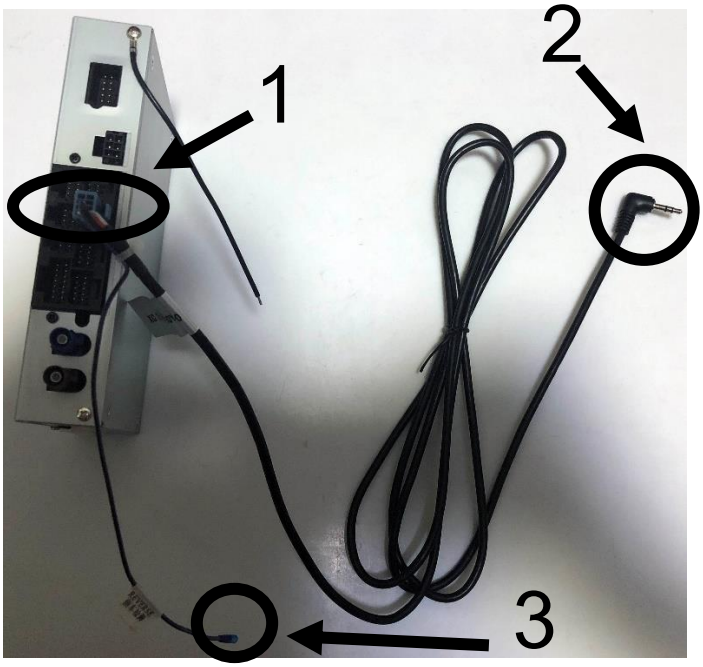
3-4. The “Speak” button on steering wheel is quick button for launch navigation. You can long press (3 seconds) it to launch navigation quickly and listen navigation sound while FM/AM/CD.

4. AUDIO CHECK

After install the main harness, please adjust the AUX volume to max (step 3-1) and check if there is sound from MUSIC/VIDEO player.

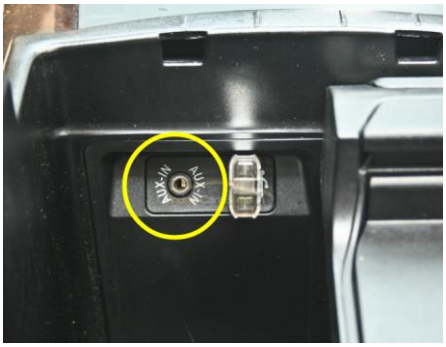
If there is sound from aftermarket unit, then you do not need to use this cord. You can STOP here and close this instruction.

If there is no sound from aftermarket unit, please connect a mobile phone to the factory AUX-IN port and play music on your phone. If you can get phone sound via the factory AUX-IN port, but there is no sound from navigation unit, then you need to use this cord.



4-1. Blue plug, connect to the RCA port of navigation unit.

4-2. Plug in the AUX-IN port on your car.

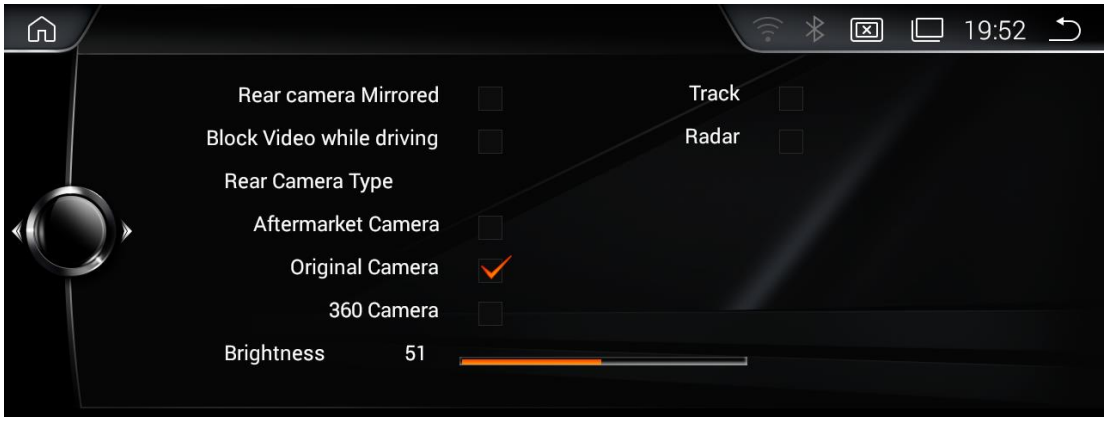


4-3. “REVERSE” wire for backup camera

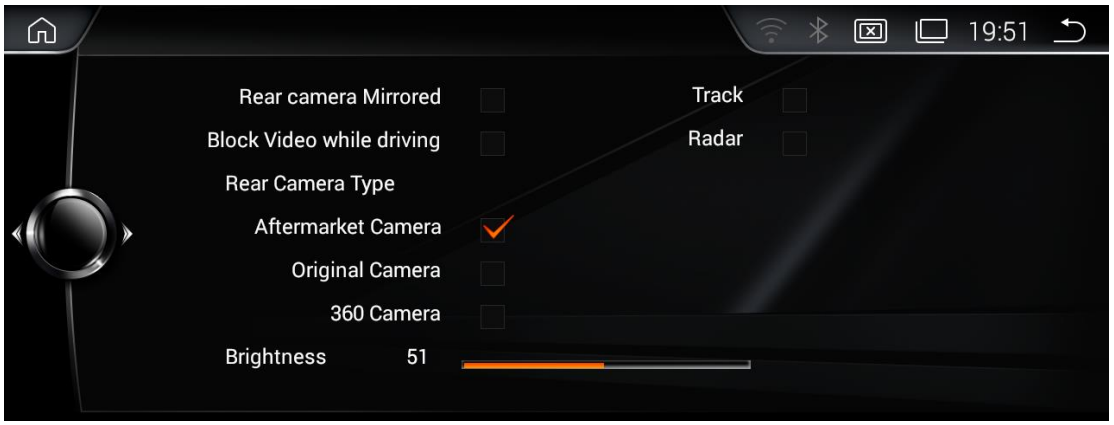
Camera setting

After power the unit, please check Settings/Camera Video setting

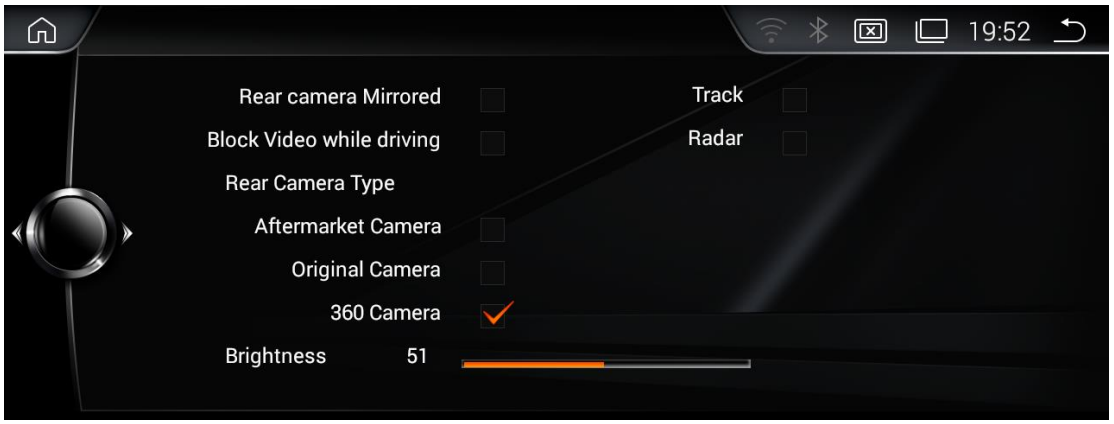
If your car has factory backup camera, please activate “Original Camera”



If your car has automatic transmission, please activate “Aftermarket Camera”

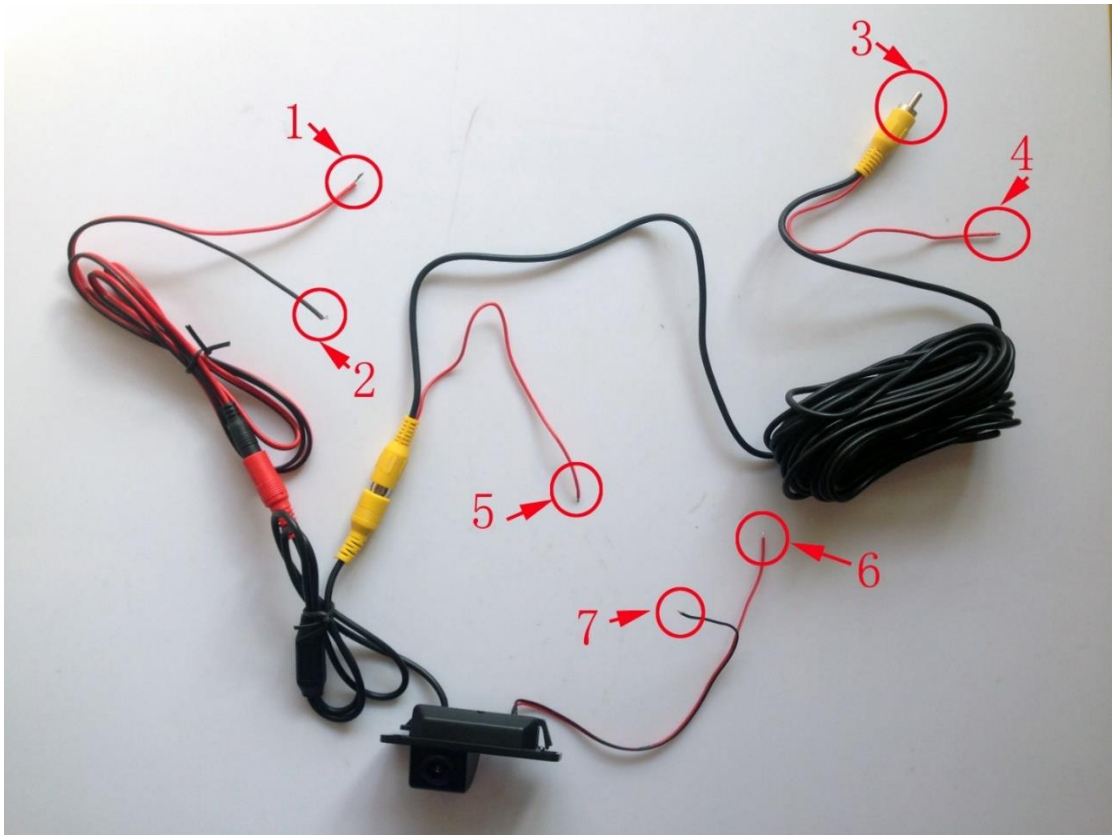


If your car has manual transmission, please activate “360 Camera”



Wired backup camera connection （for automatic transmission）

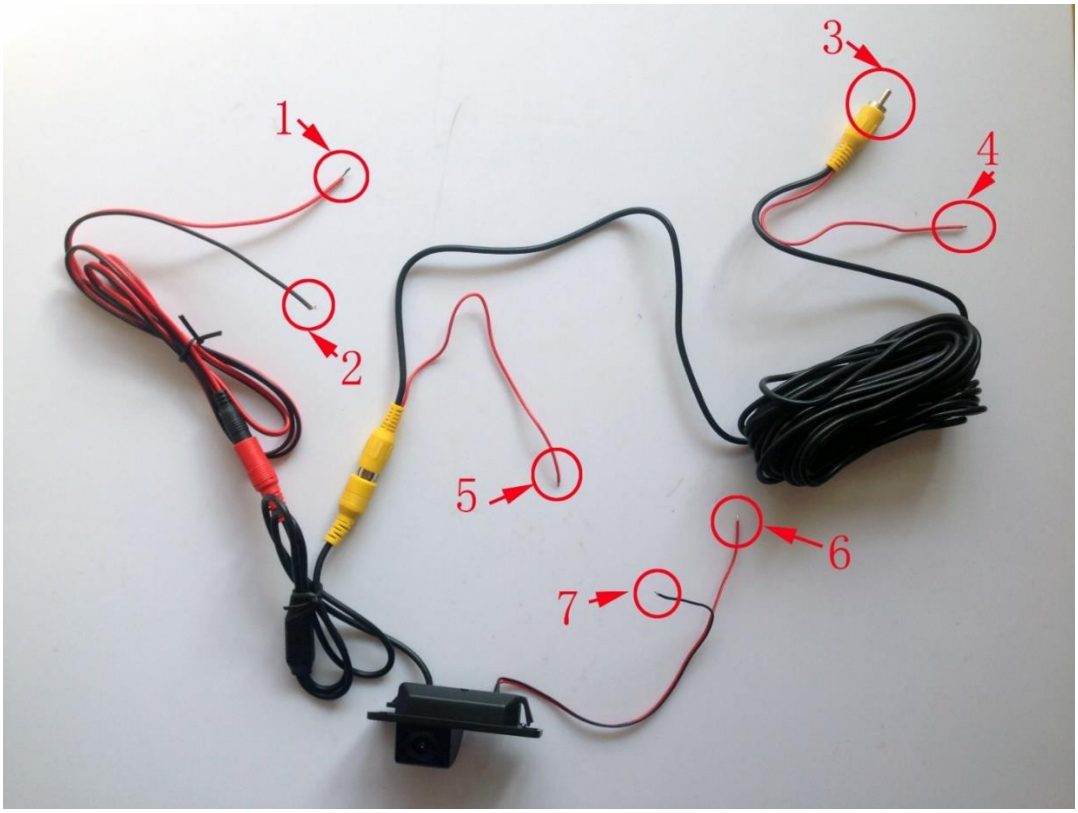
If you do not install backup camera, just ignore this instruction



1. Red color - connect to wire 5.
2. Black color- No need to use.
3. Connect to “Backacar VIDEO IN” plug (yellow color).
4. Connect to “REVERSE OUT 12V” wire (red color).
5. Red color - connect to wire 1
6. Red color, connect to positive wire of LICENSE PLATE LIGHT (some cameras do not have this wire, then no need to use).
7. Black color; connect to negative wire of LICENSE PLATE LIGHT (some cameras do not have this wire, then no need to use).

Wired backup camera connection （for manual transmission）

If you do not install backup camera, just ignore this instruction



1. Red color - connect to Positive wire of reverse light (NOT license plate light).

2. Black color- connect to Negative (Ground) wire of reverse light (NOT license plate light).

3. Connect to “Backacar VIDEO IN” plug (yellow color).

4. Connect to “REVERSE” wire (Blue color).

5. Red color - connect to wire 1

6. Red color, connect to positive wire of LICENSE PLATE LIGHT (some cameras do not have this wire, then no need to use).

7. Black color; connect to negative wire of LICENSE PLATE LIGHT (some cameras do not have this wire, then no need to use).