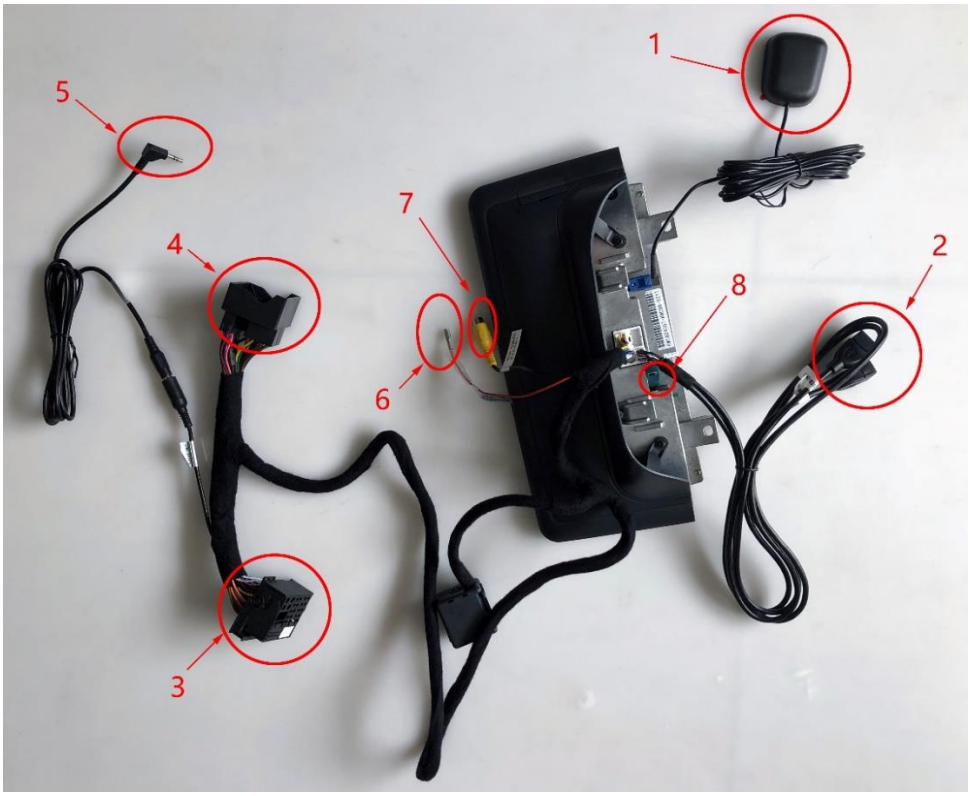
1. Wiring diagram



1-1. GPS antenna. Please put it on the dashboard and under the windshield to get good GPS reception.

1-2. USB cords. You can use it for Apple CarPlay or USB front in dash camera.

1-3. Male connector, connect to the OEM BMW head unit.

NOTE THE FIBER OPTICS, PLEASE REFER TO PAGE 2 OF THIS INSTRUCITONS.

1-4. Female connector, connect to the original BMW harness on your car.

1-5. AUX-IN cord. Please plug it in the AUX-IN port on your car.

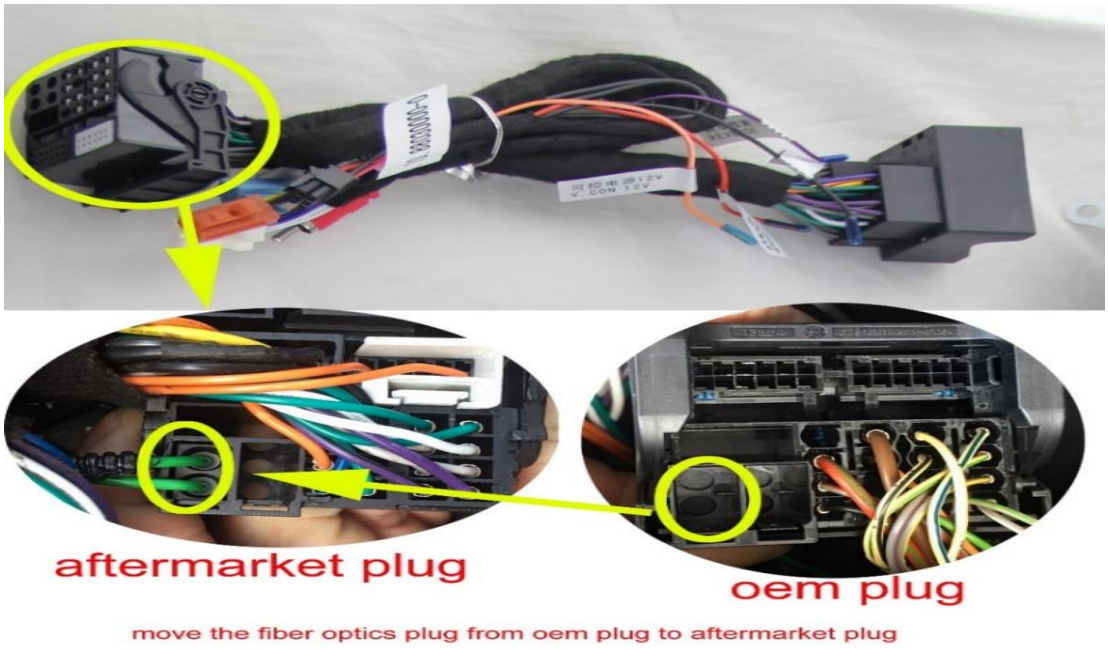
1-6. Camera power wire (no need to use if you do not install aftermarket backup camera).

1-7. Camera video input jack (no need to use if you do not install have aftermarket backup camera).

1-8. LVDS port. Plug the original LVDS cable to this connector.

2. Fiber optic cable

If the original BMW plug has fiber optics cable as shown below, you must move it from the original plug to the aftermarket plug we provided.



move the fiber optics plug from oem plug to aftermarket plug

3. Operation

3-1. Hold (3 seconds) the "MENU" button on iDrive controller or tap the “Car Info” icon on the home menu to switch from the new upgrade system to the original BMW system.

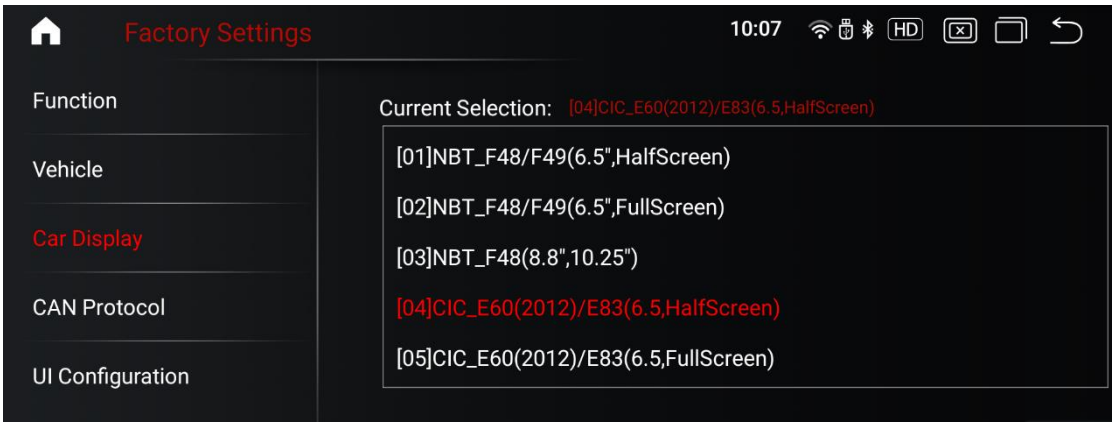
3-2. Hold (3 seconds) the "MENU" button on iDrive controller or tap the new screen to switch from the original BMW system to the new upgrade system.

3-3. Access the original BMW system, activate AUX (external audio input) function. In addition, adjust the AUX-IN volume to proper level. Otherwise, you cannot hear any sound from new system.

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

4. Original BMW display

If you find the original BMW system does not display properly on the new screen, please check Settings>Factory>input password 070305>Car Display, then select the correct option to match with your car. Try every option if you do not know which one you need to choose, one of them will work. Double click the option to select.



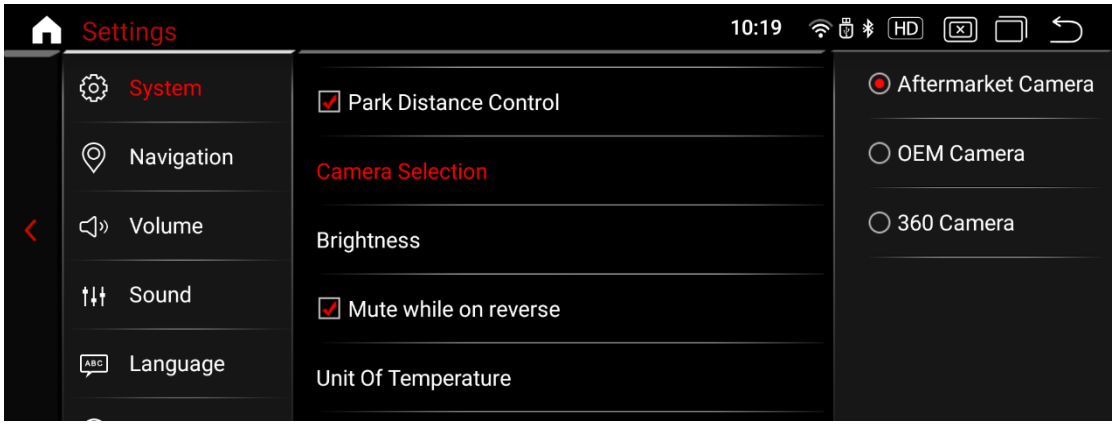
5. Camera setting

Settings>System>Camera Selection.

5-1. If your car has factory backup camera or not install any aftermarket backup camera, please select “OEM Camera”.

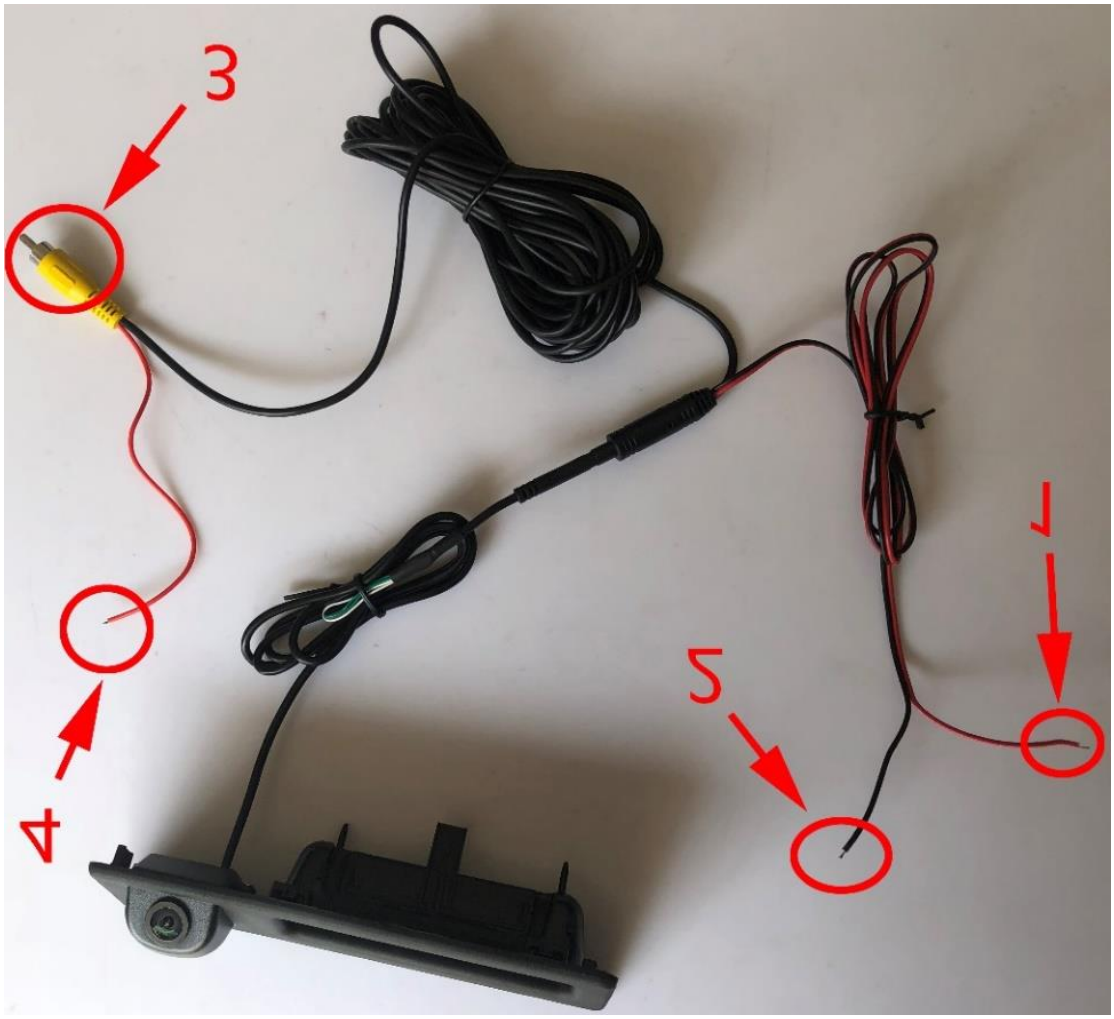
5-2. If your car has automatic transmission, please select “Aftermarket Camera”.

5-3. If your car has manual transmission, please select “360 Camera”.



6. Aftermarket Camera Connection

(If your car has factory camera or not install aftermarket camera, then ignore this manual)



For Auto Transmission

1. Red color - No need to use (please well package it via electrical tape).
2. Black color- No need to use (please well package it via electrical tape).
3. Connect to "REAR CAMERA" plug (yellow color).
4. Connect to "CAMERA +12V" wire (red color).

For Manual Transmission

1. Red color - connect to positive wire of reverse light
2. Black color- connect to negative wire of reverse light.
3. Connect to "REAR CAMERA" plug (yellow color).
4. Connect to "CAMERA +DET" wire (blue color).