



## *Installation manual*



## *Toyota Rav4 Wince*

*Are you ready to install our unit?*

*Let's go >>>*

# 4 steps to install

## STEP 01

Check

- 1) Do the screen is broken ?
- 2) Do the accessories have missing ?

## STEP 02

Test your unit before a full installation.  
(Connect the power cable to your car)

## STEP 03

Do the full installation.

## STEP 04

Test the head unit functions.

## Accessories



1. Power cable with radio antenna \*1

2. GPS antenna \*1

3. USB Adapter Cable \*1

4. USB Adapter Cable \*1

5. External microphone \*1

6. Disassembly tools \*3

7. User manual \*1

# STEP 02 Test your unit before a full installation.

(Connect the power cable to your car)

1. Double check the size and shape of the center console panel.



2. Prepare below tools



Dissassembly tool



Hexagonal electric drill



4

Or



Hexagonal screwdriver

2. Use the disassembly tool to open the cover of the old radio.



3. After opening the cover, you will discover the hexagonal screws at the left or right side.



5



2. Now you can pull the old radio out and then unplug all of the cable connected.



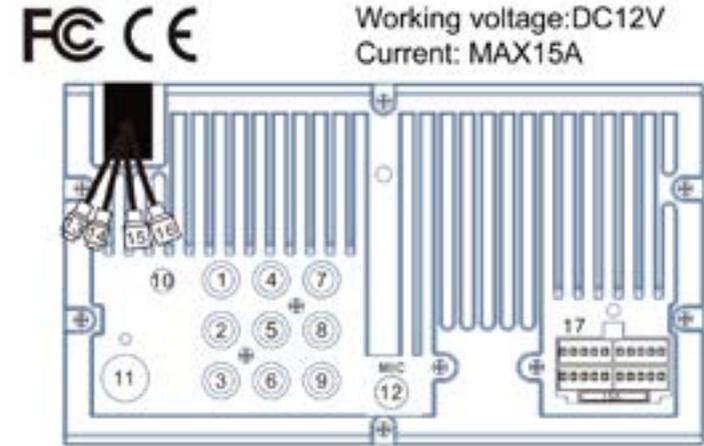
Now you can take out the power cable to connect the head unit and then try to turn it on. If this part is no problem, you can do the remain steps.

## STEP 03 Do the full installation.

4. Connect those wires provided in the package like **(1)** GPS antenna, **(2)** USB cable, **(3)** Radio antenna adapter cable, **(4)** External microphone, **(5)** Power cable with radio antenna as shown.



## Wiring diagram



- |                                |                  |
|--------------------------------|------------------|
| 1 SUB WOOFER                   | 10 GPS antenna   |
| 2 Front and right audio output | 11 Radio antenna |
| 3 Front and left audio output  | 12 Rear MIC      |
| 4 Video output 2               | 13 Video output2 |
| 5 Rear and right audio output  | 14 USB 1         |
| 6 Rear and left audio output   | 15 USB 2         |
| 7 Video input                  | 16 Camera input  |
| 8 Right audio input            | 17 Power cable   |
| 9 Left audio input             |                  |

### 17 POWER SUPPLY PORT



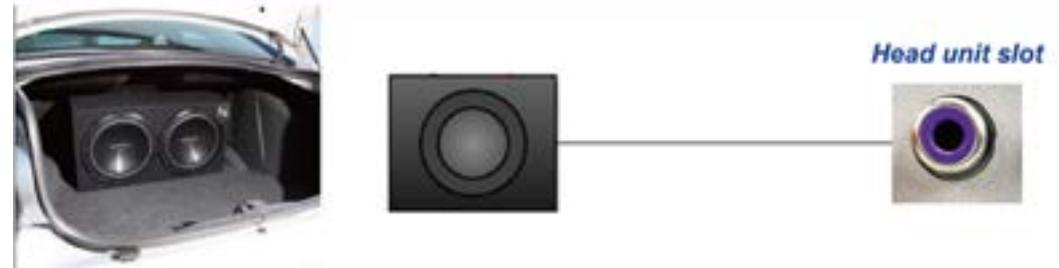
- |           |                 |
|-----------|-----------------|
| 1 GND     | 11 B+           |
| 2 Fear L+ | 12 Fear L-      |
| 3 Fear R+ | 13 Fear R+      |
| 4 Rear L+ | 14 Rear L-      |
| 5 Rear R+ | 15 Rear R-      |
| 6 REVERSE | 16 ANT/AMP-CTRL |
| 7 WKEY1   | 17 ILL          |
| 8 ACC     | 18 BRAKE        |
| 9 WKEY2   | 19 WKEY-GND     |
| 10 CAN-RX | 20 CAN-TX       |

5. Plug the head unit into the center console, then place the GPS antenna and microphone as shown. The wires are hidden in the side of pillar trim and led to the head unit.

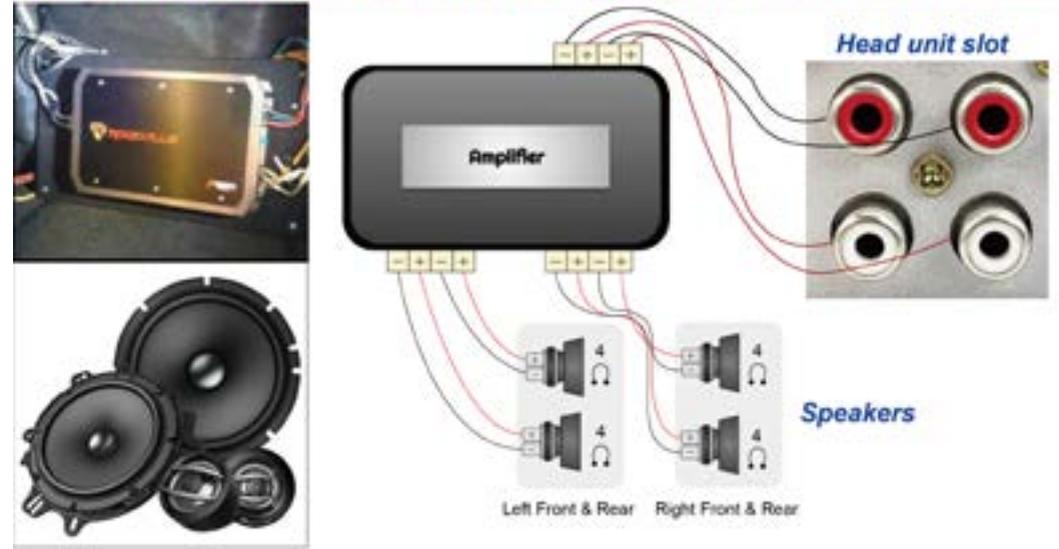


## Wire connection for the amplifier, the subwoofer and the headset monitors

Case 1: The subwoofer connects to the head unit



Case 2: The 2/4 speakers with an amplifier are connected to the head unit.

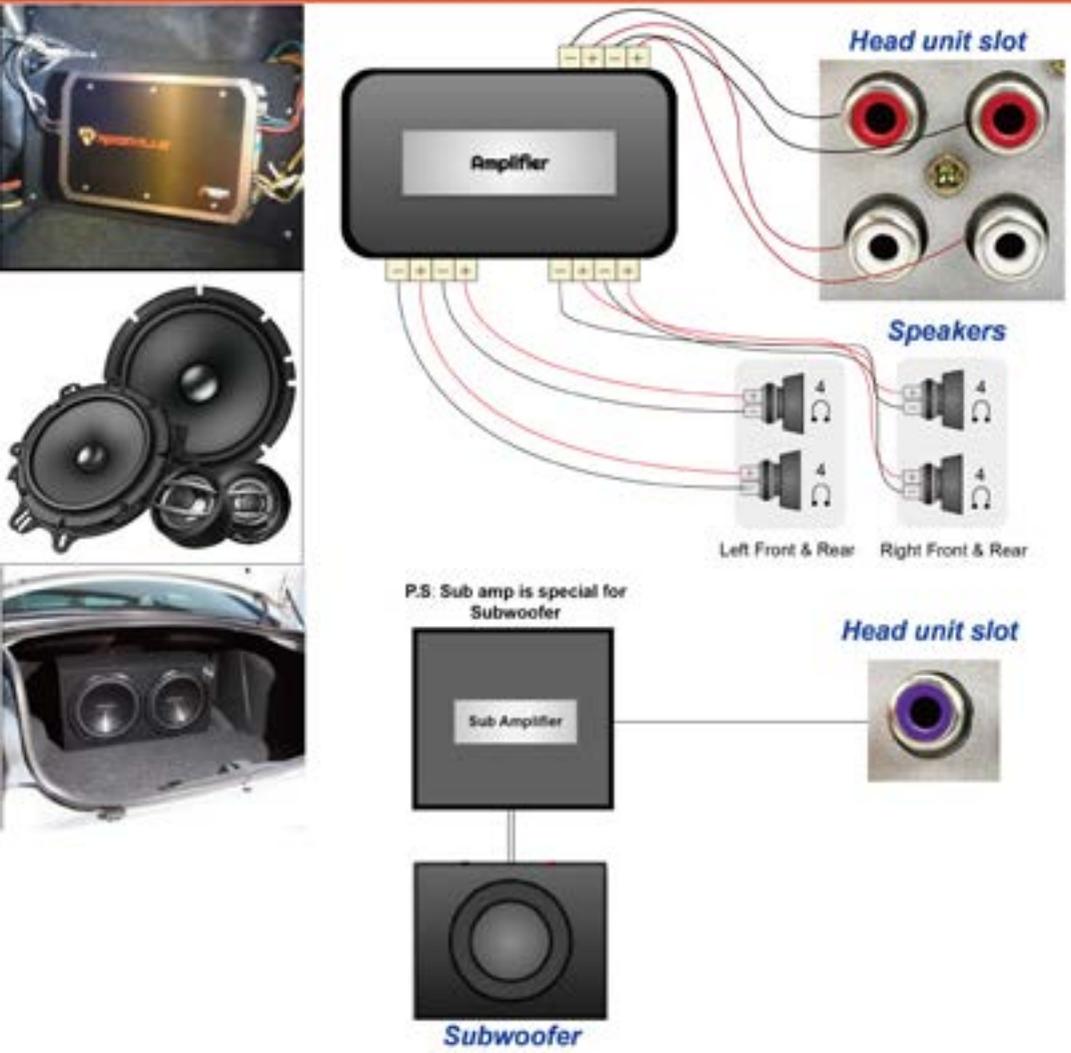


## STEP 04 Test the head unit functions.

(FM, SD, USB, Bluetooth, reversing, handbrake, headlight, steering wheel control and etc)



Case 3: The 2/4 speakers with an amplifier and the subwoofer with an amplifier are separately connected to the head unit.

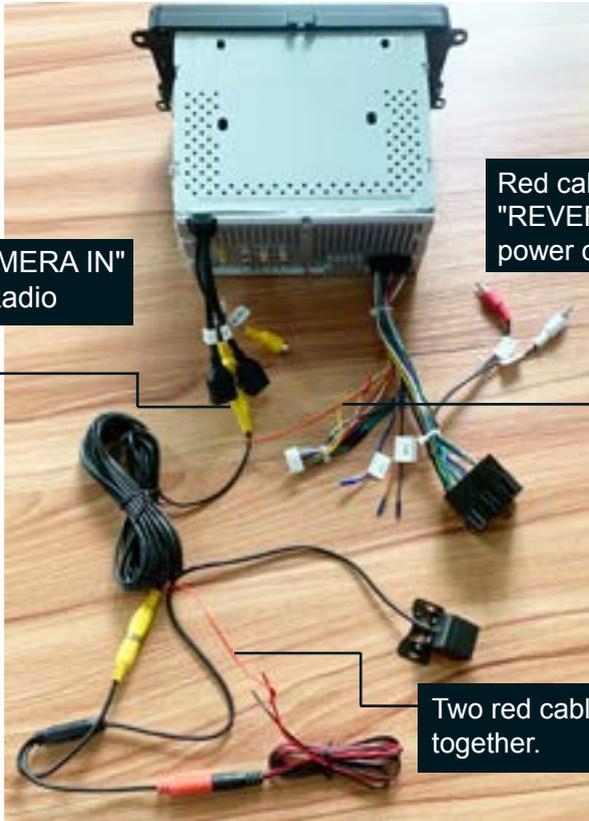


Case 4: The headrests monitors are connected to the head unit



Except for connecting the amplifier, the slot of FL, FR, RL, RR also are used for connecting the headrest monitors.

# Optional : Reverse camera installation instruction



Connect with "CAMERA IN" cable of the Car Radio

Red cable connect with "REVERSE" cable of the power cable

Two red cables connect together.

## Trouble Shooting:

1. Confirm that all the lines are connected. The car is hung to the reverse gear and the display switches to the reverse mode. If the screen does not switch, please check whether the reverse detection line is connected to the reverse lamp power supply line and has a voltage of about 12V. If not, please connect it perfectly.
2. When the car is in the reverse gear position and the display switches to the reverse model but there is no video display, then check that the camera power supply and video signal cable are correctly connected to the reverse video signal line input plug(CAMERA IN) on the machine.