



2018 PORSCHE CAYENNE 2019 PORSCHE MACAN (PCM 5.0)

1. SP50VT (TOUCH CONTROL)
2. SP50VF (VIDEO IN MOTION)

MAIN BOARD



Car Brand	Model	Year Range	Screen Size
PORSCHE	CAYENNE	2018	12.3"
	MACAN	2019	12.3"

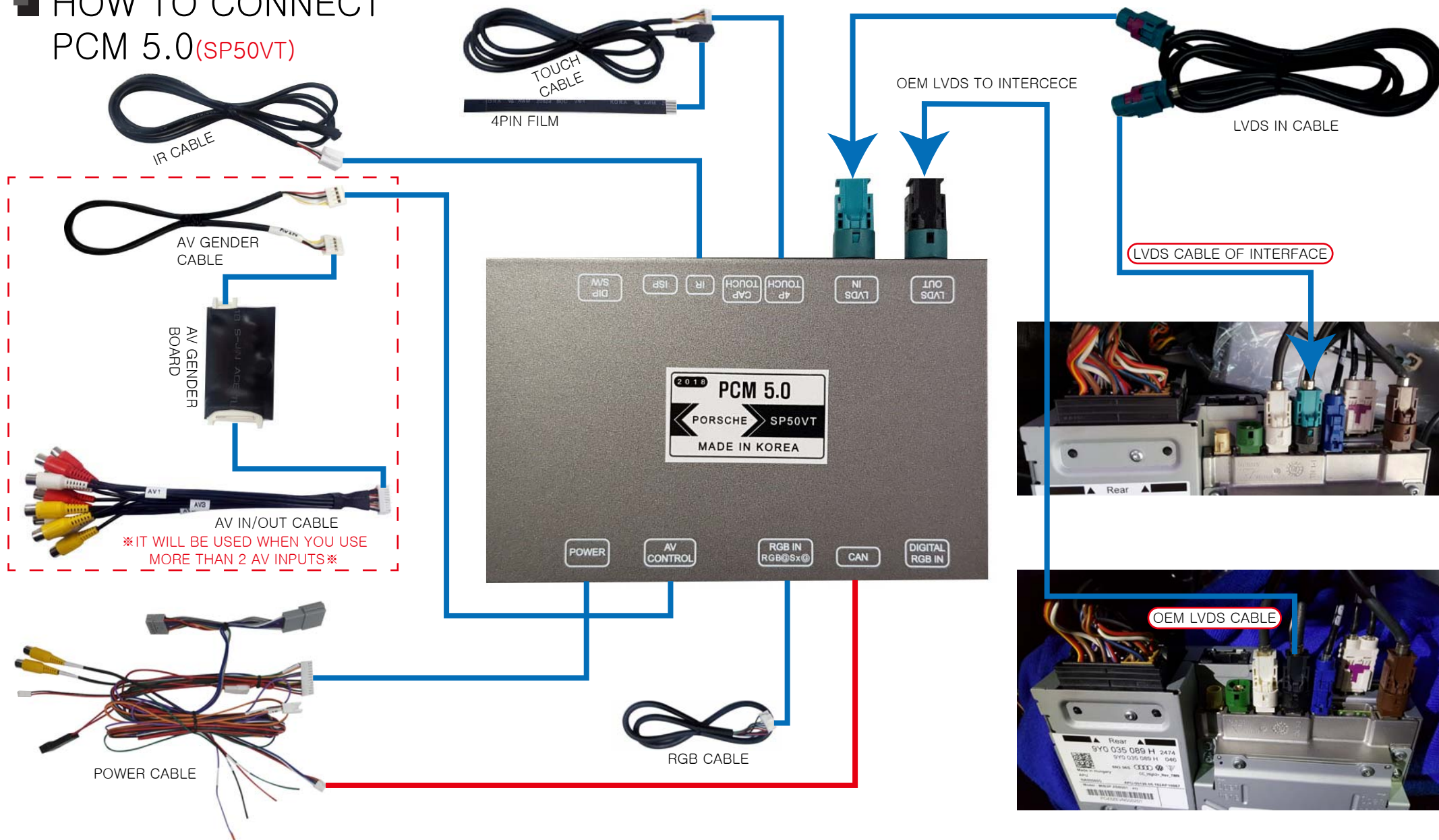
Components

1 MAIN UNIT 	2 POWER CABLE 	3 LVDS IN CABLE 	4 IR CABLE
5 TOUCH CABLE ※ OPTION ※	6 RGB CABLE ※ OPTION ※	7 4PIN FILM ※ OPTION ※	8 REMOTE CONTROL ※ OPTION ※
9 TV FREE CABLE(SP50VF) ※ OPTION ※	10 TOUCH CONTROL CABLE(SP50VT) ※ OPTION ※	11 AV IN/OUT CABLE ※ OPTION ※	12 AV GENDER CABLE ※ OPTION ※
13 AV GENDER BOARD ※ OPTION ※	14 HDMI CABLE ※ OPTION ※		

■ TOUCH & TV FREE



HOW TO CONNECT PCM 5.0(SP50VT)

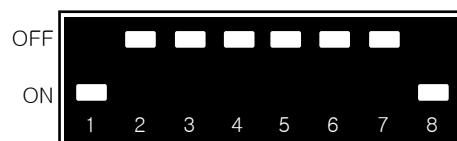


DIP S/W

OFF : ↑ (UP) / ON : ↓ (DOWN)



CAYENNE



MACAN

PIN	FUNCTION	DIP S/W SETTING
1	GPS INPUT MUTE	OFF : DO NOT USE GPS ON : USE GPS
2	FUNCTION SETTING	OFF : TV TOUCH (SP50VT) ON : TV FREE (SP50VT)
3	TV FREE ON/OFF	OFF : TV FREE (FUNCTION OFF) ON : TV FREE (FUNCTION ON)
4	REAR CAMERA	OFF : OEM CAMERA ON : AFTERMARKET CAMERA
5	6	VEHICLE SETTING
ON	ON	CAYENNE
OFF	OFF	MACAN
7		OFF
8		ON

PCM 5.0(SP50V) SPEC

1. INPUT SPEC

- 1 x Analog RGB Input(GPS system output)
- 1 x LVDS Input
- 1 x LVDS output
- 1 x CVBS(rear camera)
- 1 x CVBS(front camera or A/V)
- 3 x A/V Input(Option)

2. OUTPUT SPEC

- 1 x CVBS
- 1 x Audio L/R

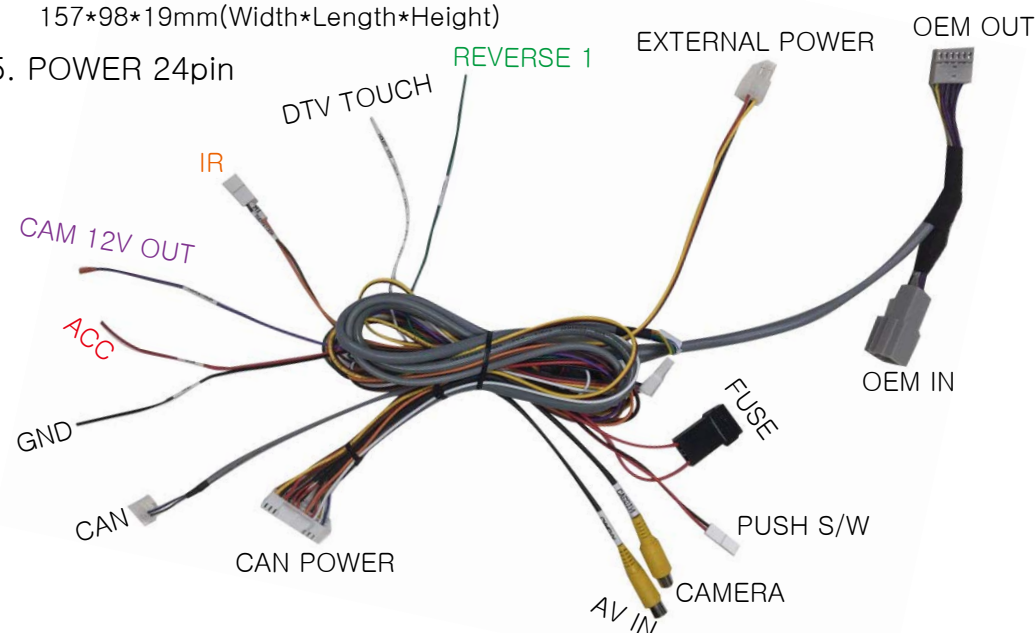
3. POWER SPEC

- Input power : 8VDC ~ 24VDC
- Consumption : 5WATT

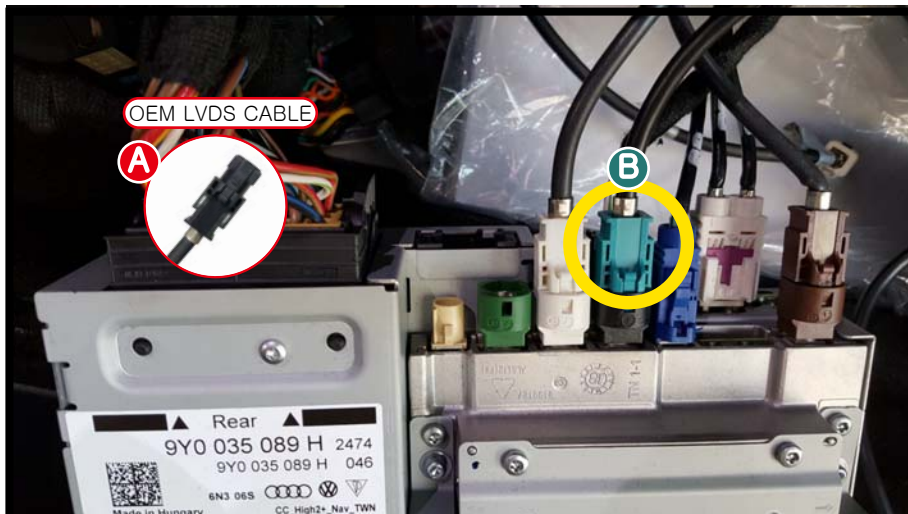
4. SIZE

- 157*98*19mm(Width*Length*Height)

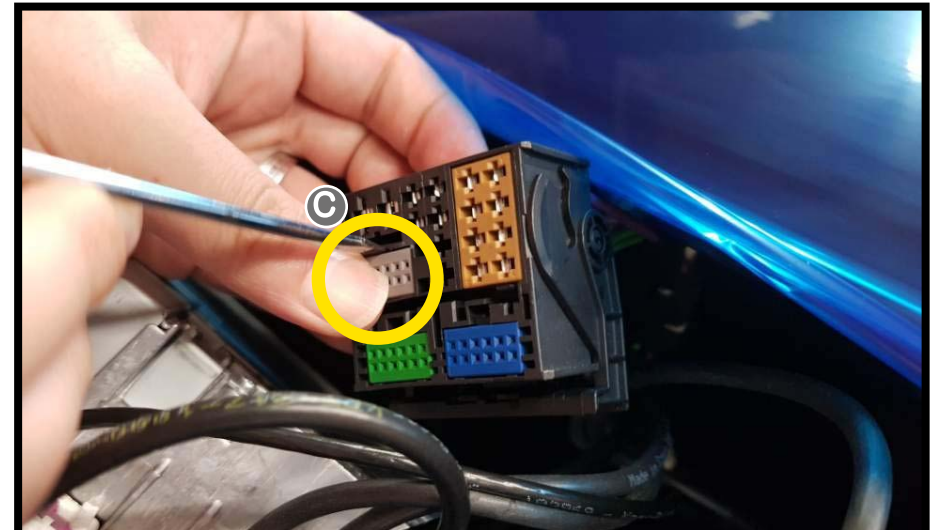
5. POWER 24pin



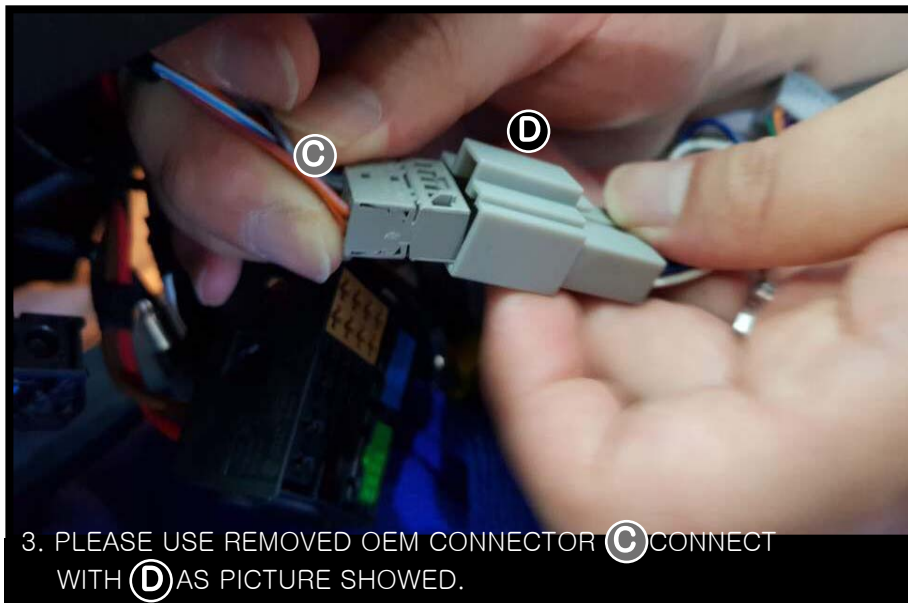
■ HOW TO CONNECT CAYENNE & MACAN PCM5.0



1. PLEASE PULL OUT OEM LVDS CABLE **A**, AND LVDS IN CABLE **B** OF INTERFACE CONNECT WITH HEAD UNIT.



2. PLEASE REMOVE THE OEM CONNECTOR **C**.



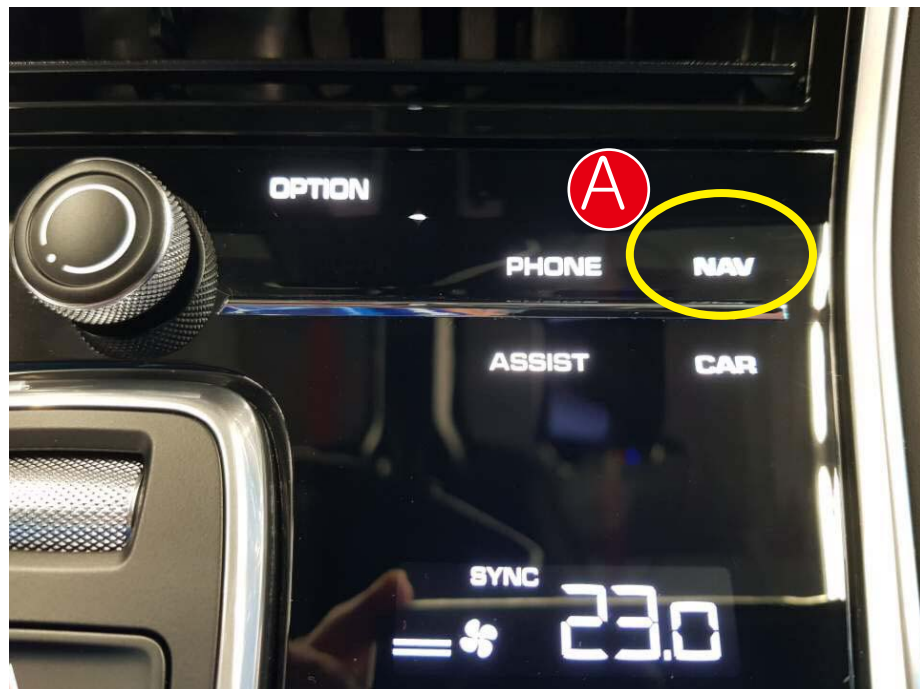
3. PLEASE USE REMOVED OEM CONNECTOR **C** CONNECT WITH **D** AS PICTURE SHOWED.



4. CONNECTED.

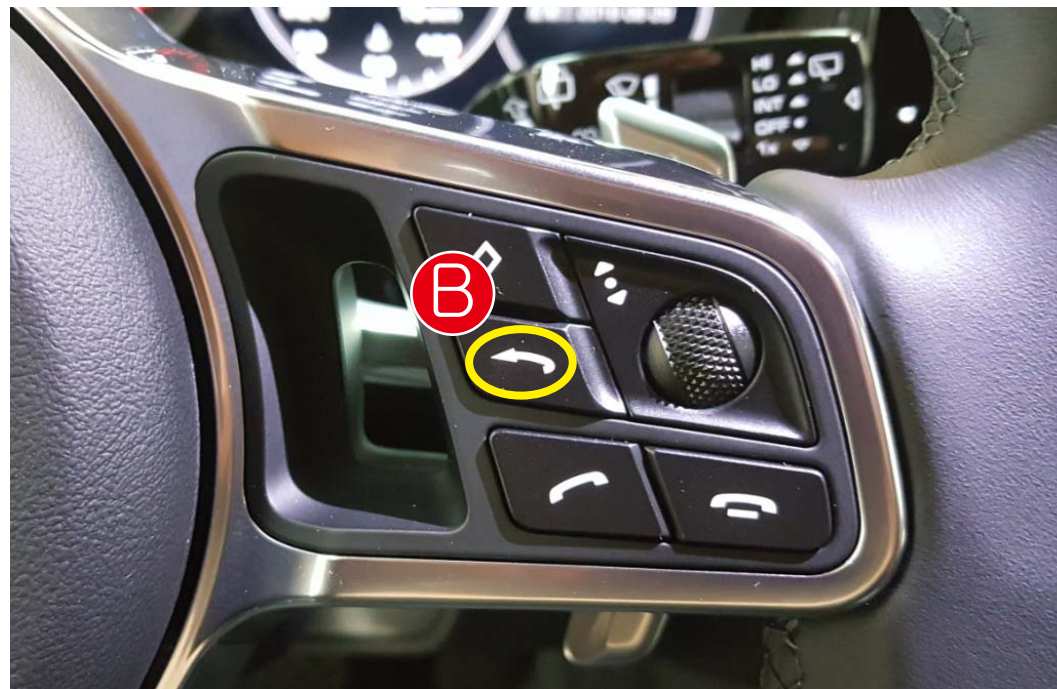
■ HOW TO SWITCH SCREEN CAYENNE & MACAN PCM5.0

1



– HOLD   BUTTON 3S TO SWITCH MODE

2



– HOLD   BUTTON 2S TO SWITCH MODE

OEM → GPS → AV1 → AV2 → AV3 → HDMI

■ HOW TO SWITCH SCREEN CAYENNE & MACAN PCM5.0 (VIDEO IN MOTION, RECOGNIZATION OF SENSOR FUNCTION)

1



- HOLD **A** BUTTON 7S TO SET VIDEO IN MOTION ON/OFF
- HOLD **B** BUTTON 7S TO SET RECOGNIZATION OF SENSOR ON/OFF

■ CAYENNE & MACAN PCM5.0 METHOD OF MODE SWITCH (RTC FUNCTION)

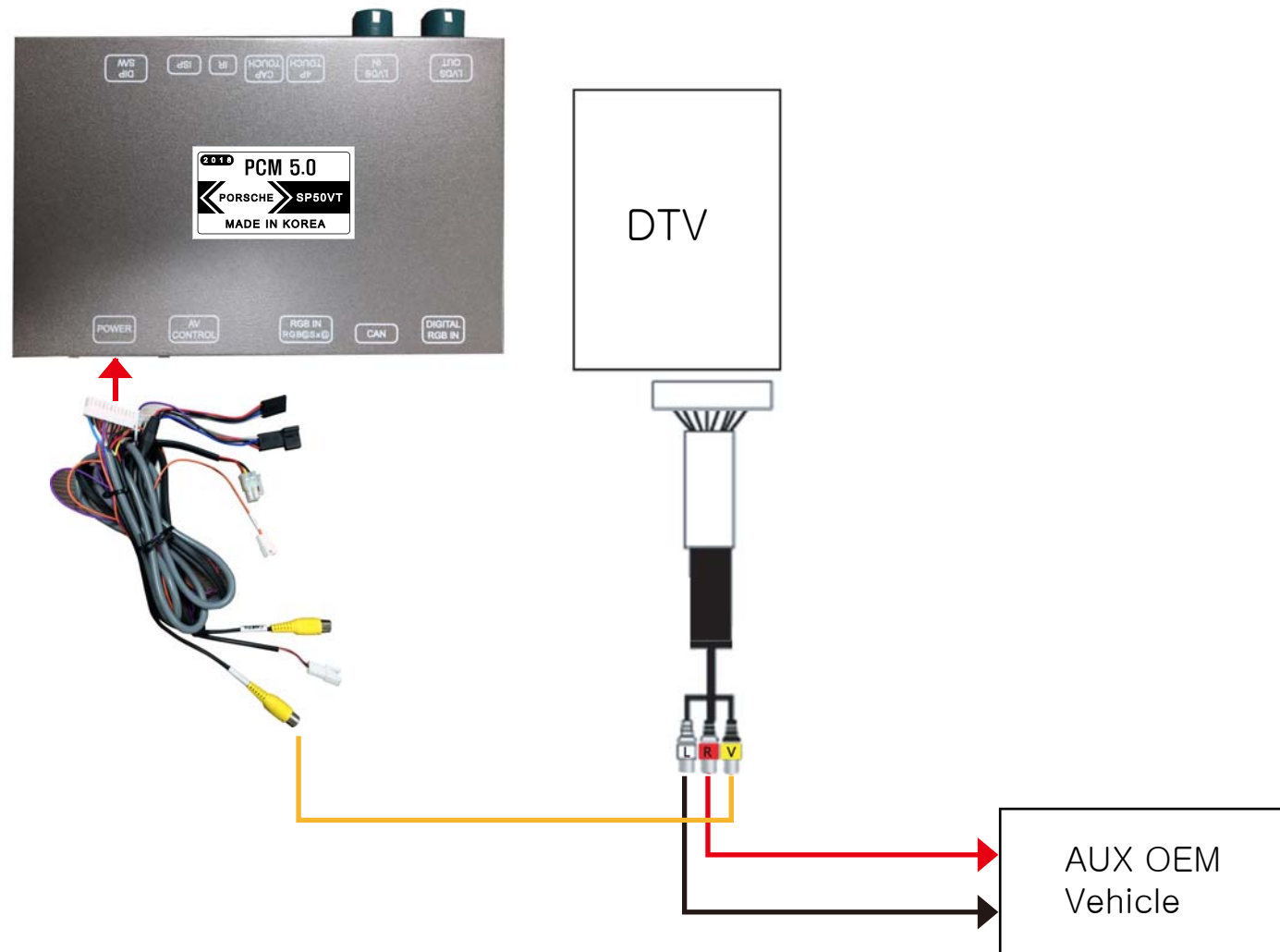
1



(OSD MENU -> SETTING -> RTC -> ON)

- HOLD  BUTTON 3S TO SWITCH BETWEEN FACTORY REAR CAMERA AND AFTERMARKET REAR INPUT.(VEHICLE WITH FACTORY REAR CAMERA)

HOW TO CONNECT VIDEO AUDIO WHEN YOU ONLY USE ONE AV INPUT



HOW TO CONNECT WHEN YOU USE MORE THAN 2 AV INPUTS

