

PSA12 HD

Peugeot & Citroen

PSA12 Applied Models

Peugeot

208

2008

308

508

Citroen

C4

Picasso

Grand Picasso

Cactus

Berlingo

DS3

DS4

Specification

1. Input Spec.

- 1 x R-Cam Input. (Rear View Camera)
- 1 x F-Cam Input. (Front Camera, 360 Camera)
- 2 x AV Input (Optional)
- 1 x HDMI Input for Android Navigation or NV17 Apple CarPlay Module. (Optional)

2. Output Spec

- 1 x LVDS Output (Car OEM Video)
- 2 x 500mah Power Output
- 1 x AV output (Optional)

3. Power Spec

- Input Power : 9vDC ~ 24vDC
- Consumption Power : 25Watt, Max

4. Activation

- Automatic CAN-BUS detection
- Manual Trigger Wire Connection

Components



OSD Control Pad for
OSD Menu Settings



Detail View (Main Unit)

Width

130 mm

Length

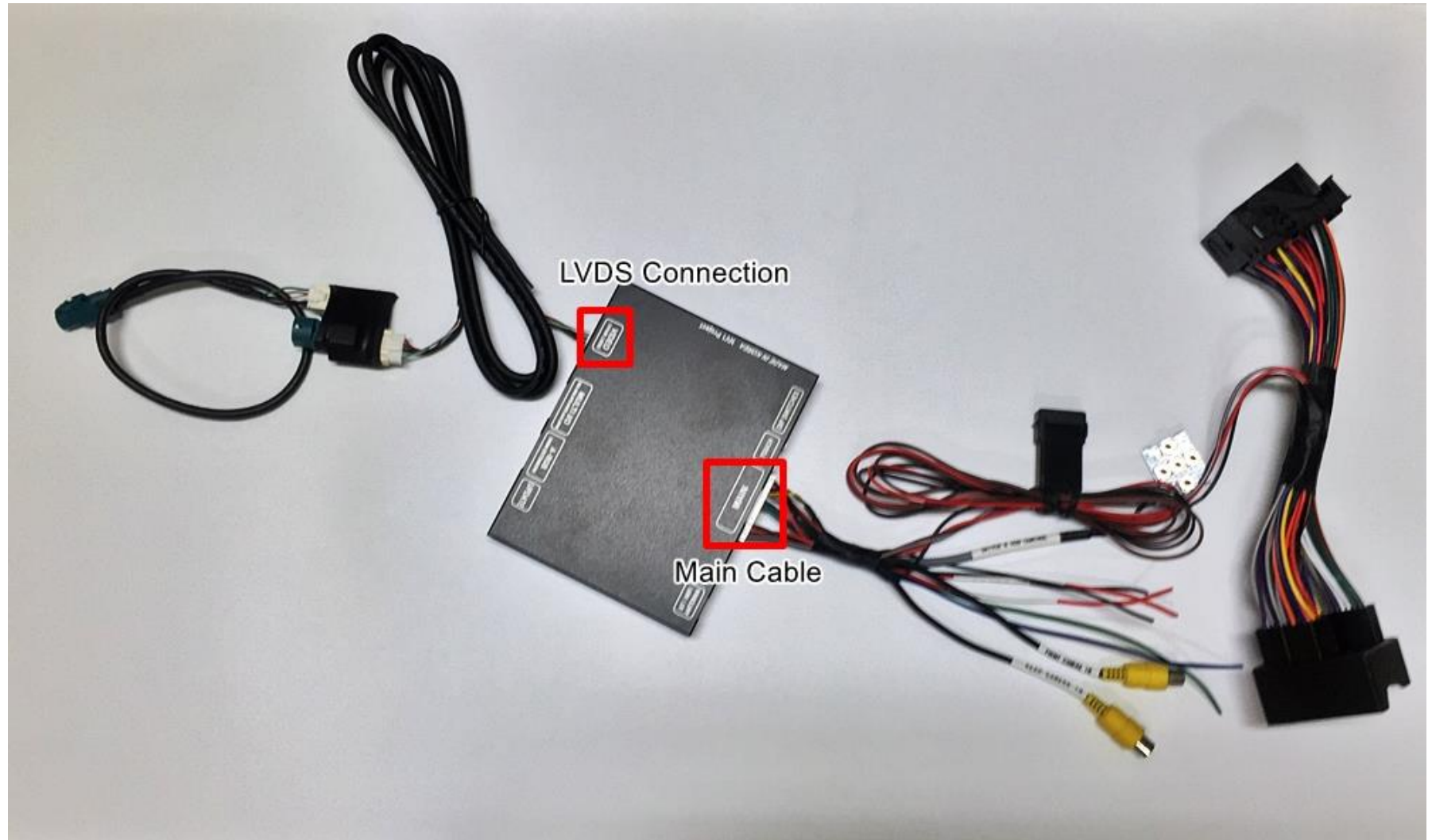
100 mm

Height

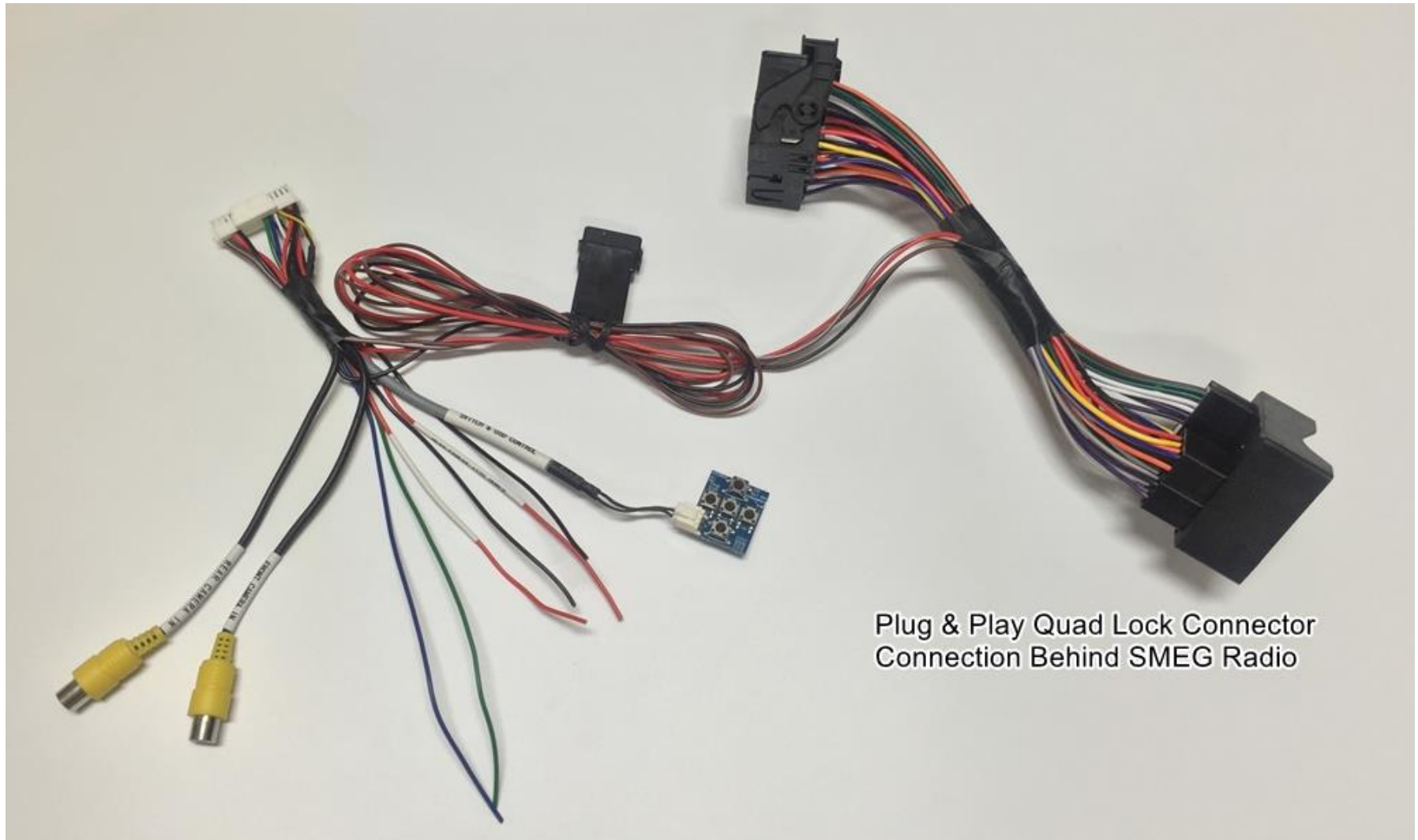
19 mm



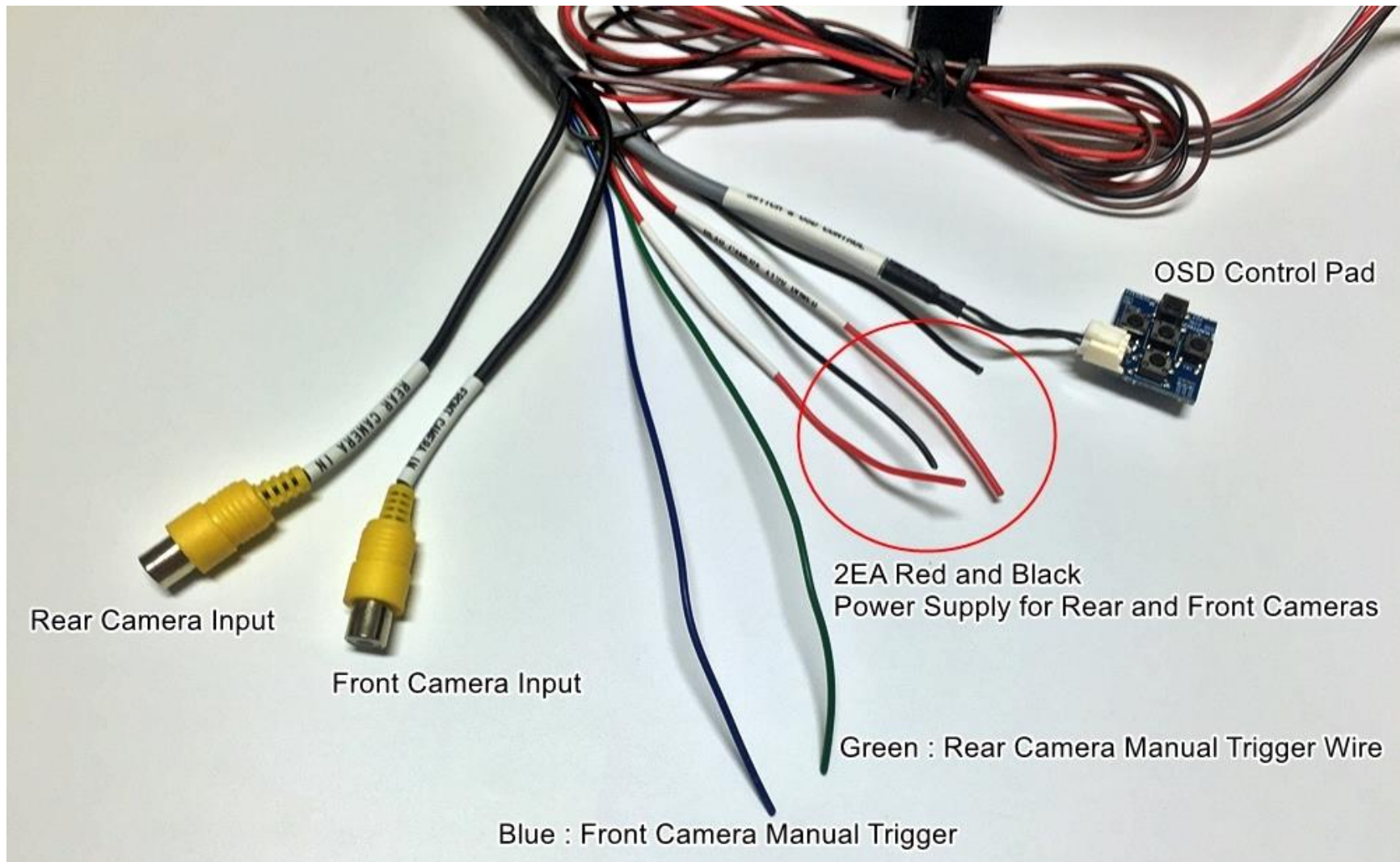
Detail View [Connection]



Detail View [30P Main Connector 1]



Detail View [30P Main Connector 2]



★ Pin Definition – (30Pin Main Connector)



1	3	5	7	9	11	13	15	17	19	21	23	25	27	29
■	■	■	■	□	□	■	□	■	■	□	■	■	■	■
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
■	■	□	□	□	□	□	□	■	■	■	■	■	■	■

1. A_CAN HIGH (BLACK / WHITE)
2. B_CAN HIGH (BROWN / RED)
3. A_CAN LOW (BLACK)
4. B_CAN LOW (BROWN)
5. 12V INPUT (RED)
6. NC
7. GND / EARTH (BLACK)
8. NC
9. NC
10. NC
11. NC
12. NC
13. IR_OUT (ORANGE)
14. NC
15. NC
16. NC
17. REAR CAMERA MANUAL TRIGGER (GREEN)
18. FAKE_ACC (ORANGE / BLACK)
19. FRONT CAMERA MANUAL TRIGGER (BLUE)
20. TOGGLE SWITCH (BLACK)
21. OSD SETTING PAD (WHITE)
22. GND / EARTH (BLACK)
23. FRONT_CAM (YELLOW)
24. REAR_CAM (YELLOW)
25. GND / EARTH (BLACK)
26. GND / EARTH (BLACK)
27. REAR CAMERA +12V POWER (RED)
28. REAR CAMERA _12V POWER (RED)
29. GND / EARTH (BLACK)
30. GND / EARTH (BLACK)

DIP Switch Settings



ALL OFF

- Peugeot 308, 508
- Citroen Picasso, Grand Picasso, Berlingo, DS3, DS4, DS5

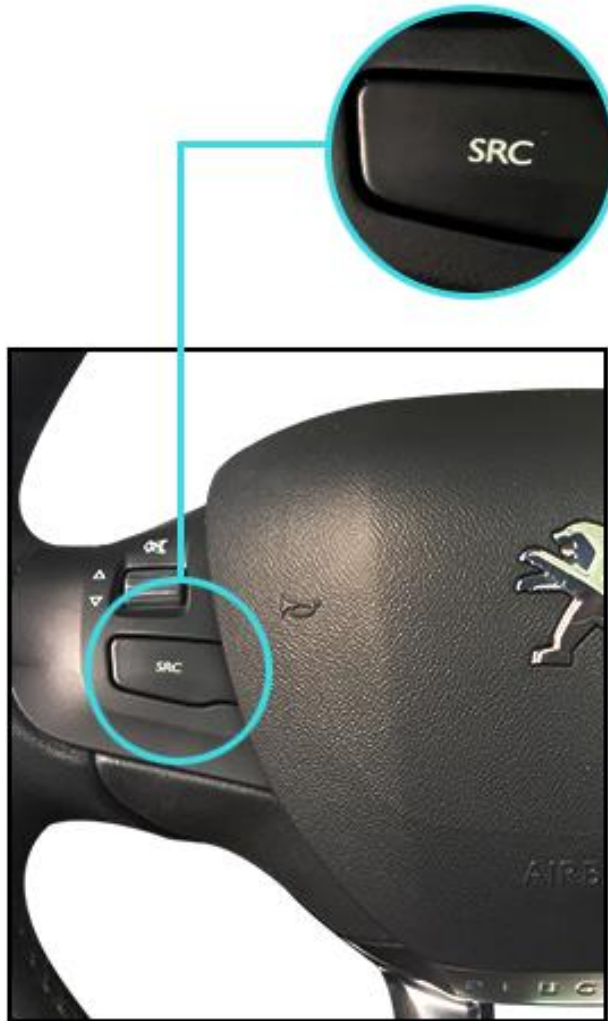
No.1 ON

- Citroen Cactus

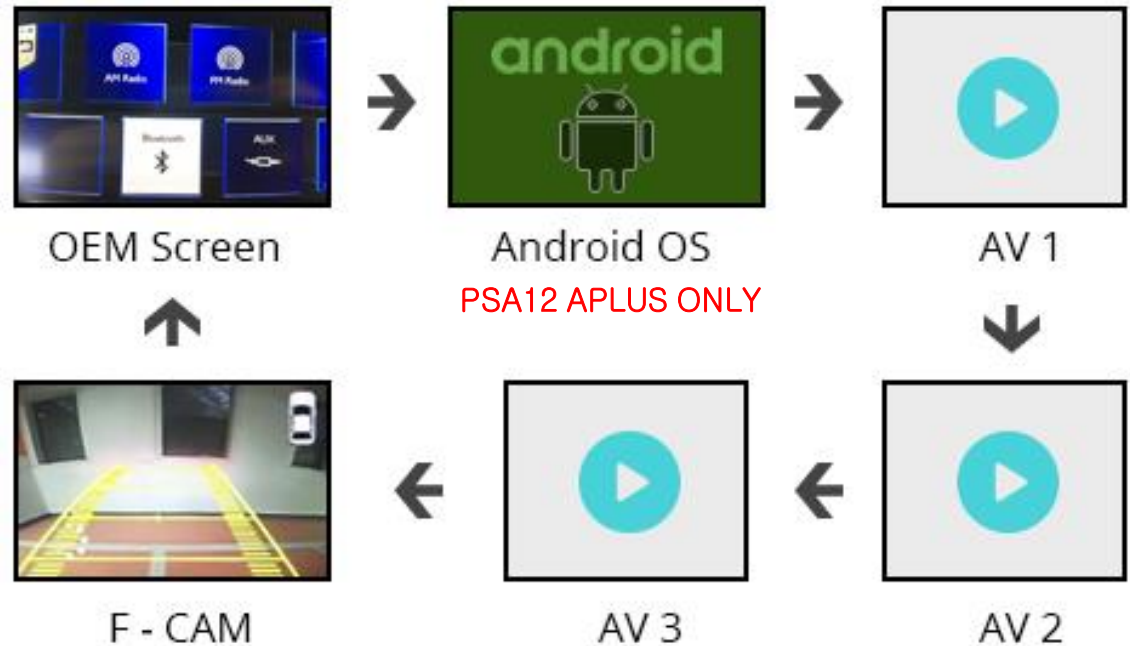
No.2 ON

- Peugeot 208

Activation (Mode selection method 1)
Only when the Additional Video Source is connected



1. Press 2 sec.



2. Press Short.

Android OS
AV1, AV2, AV3
F - CAM

Back to
OEM screen



Activation (Mode selection method 1)
Only when the Additional Video Source is connected

Activation Area Press 2sec.



OEM Screen



Android

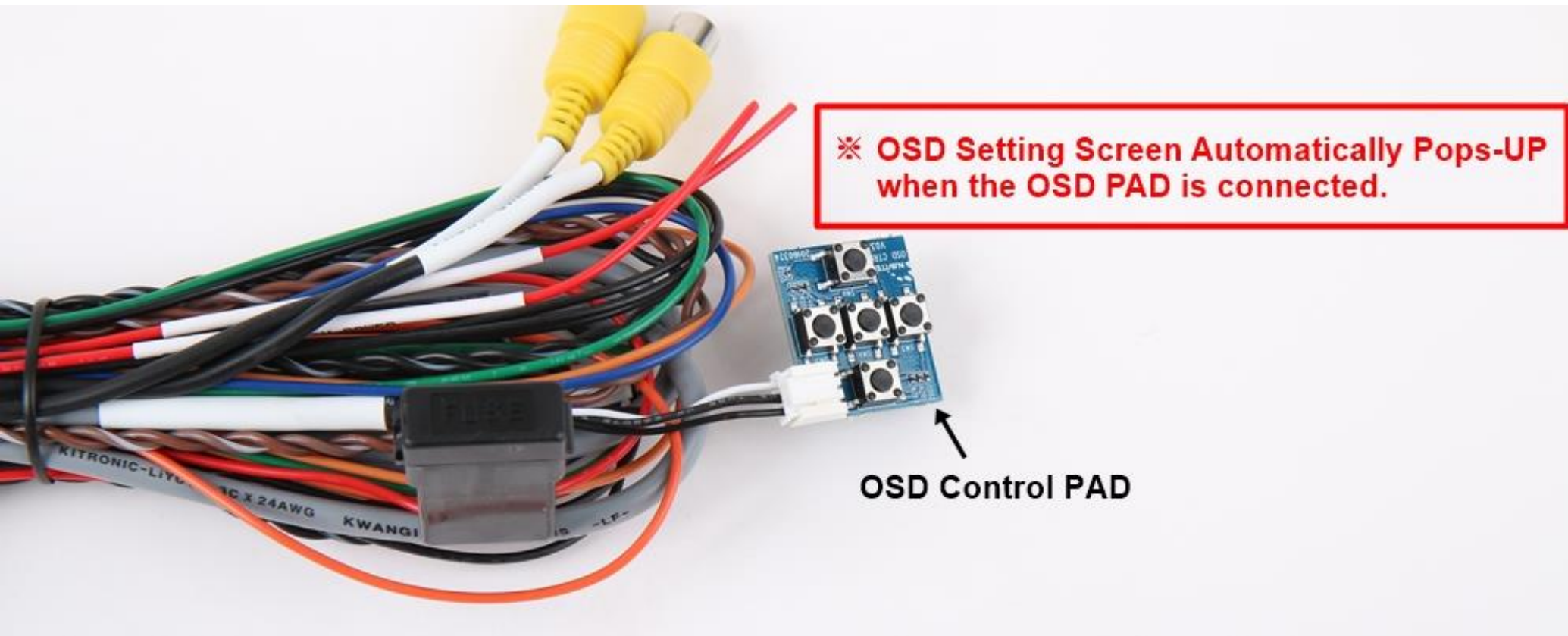
PSA12 APLUS (Android Nav System)

Installation Support

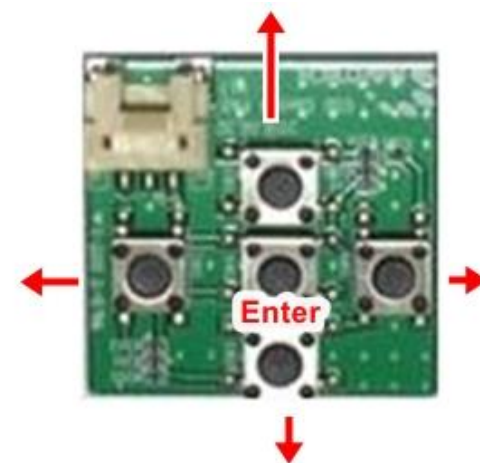
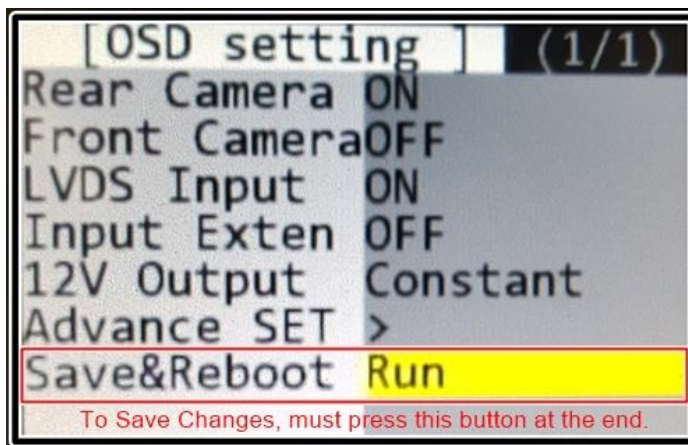
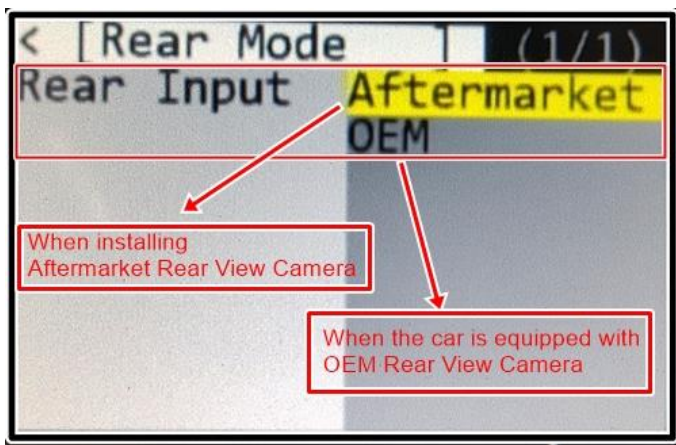
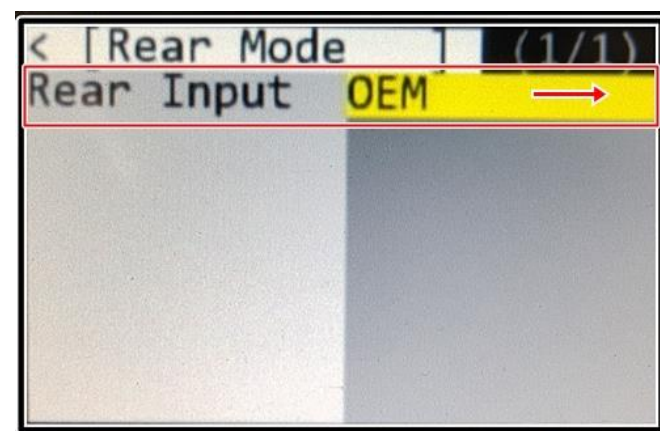
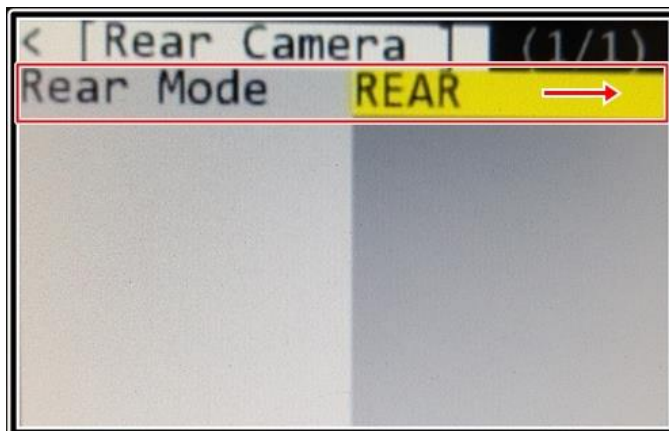
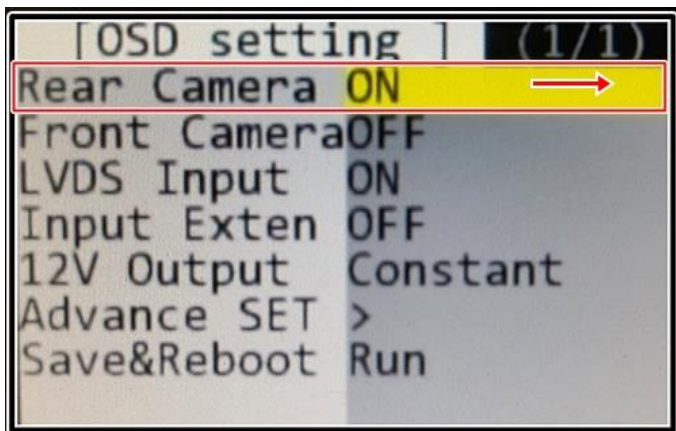
Please refer to the below linked installation videos of PSA12

<http://blog.naver.com/OpenMagazineViewer.nhn?blogId=taesanglim&logNo=220582424045&categoryNo=0&parentCategoryNo=22&viewDate=>

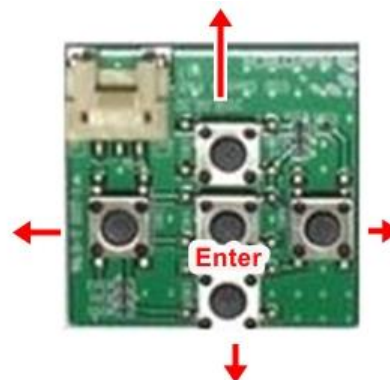
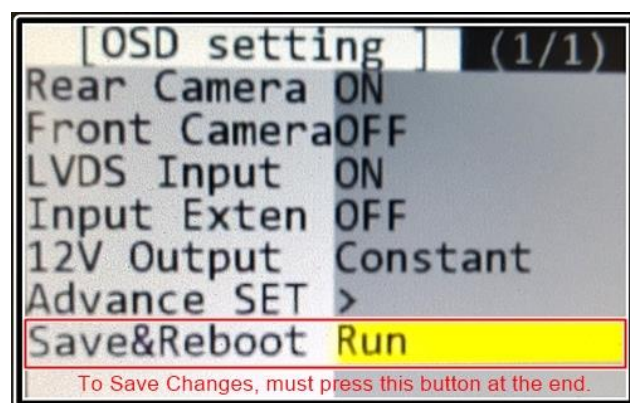
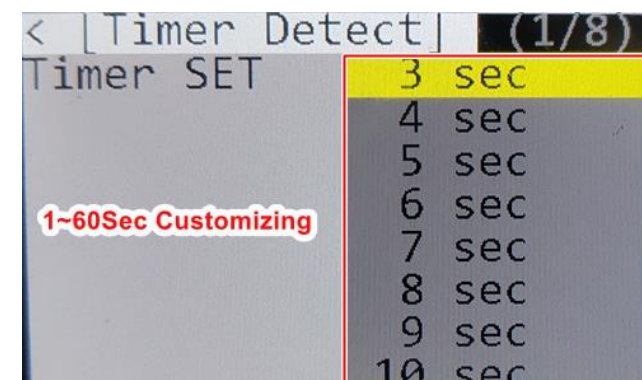
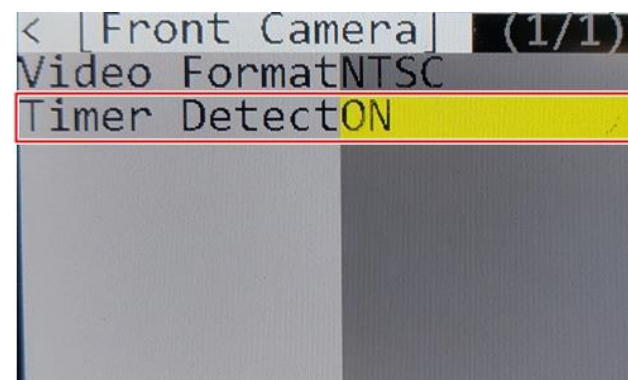
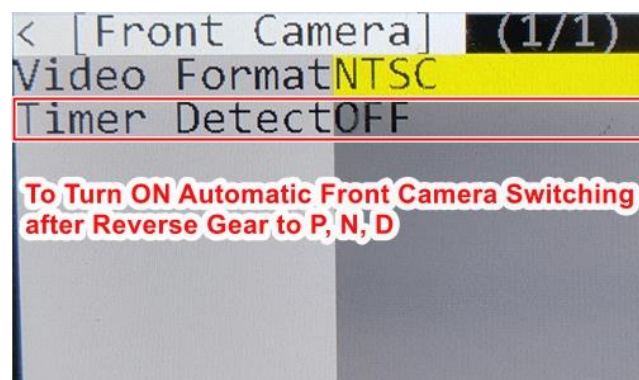
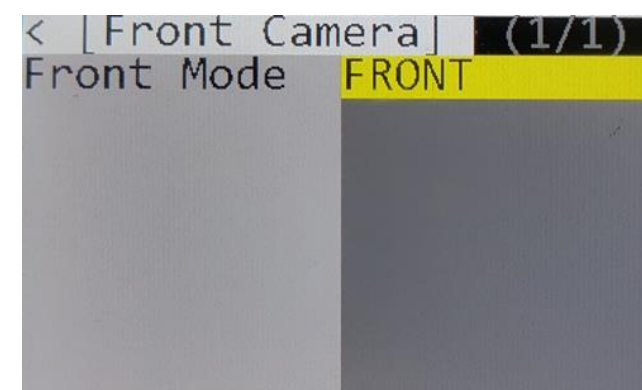
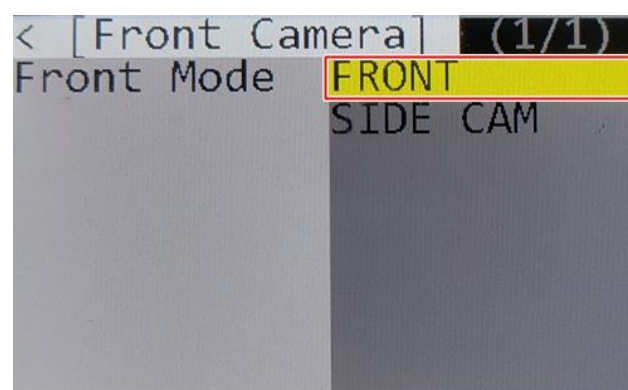
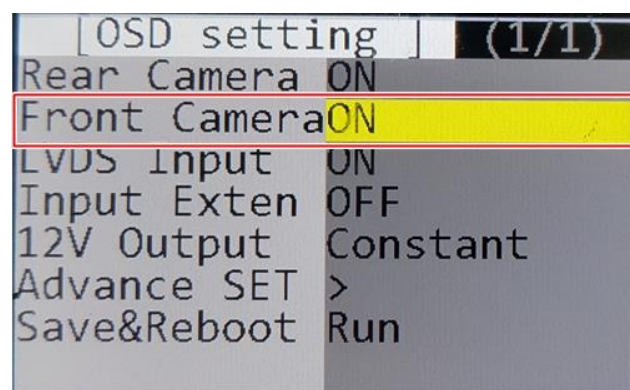
OSD(On Screen Display) Settings



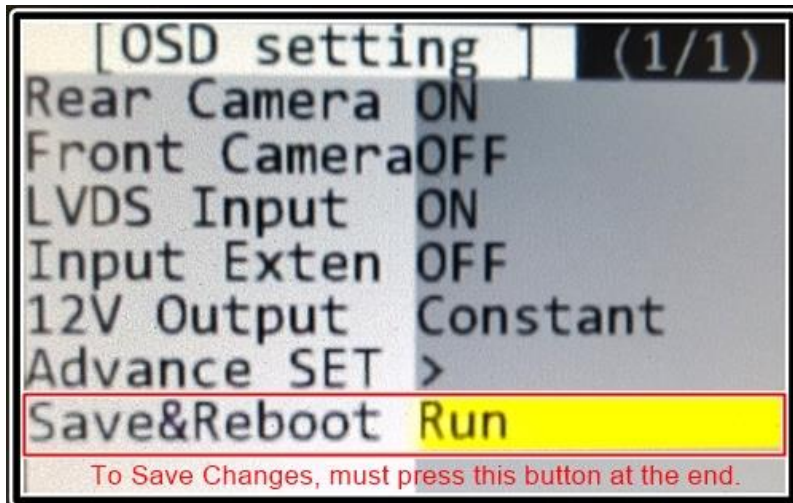
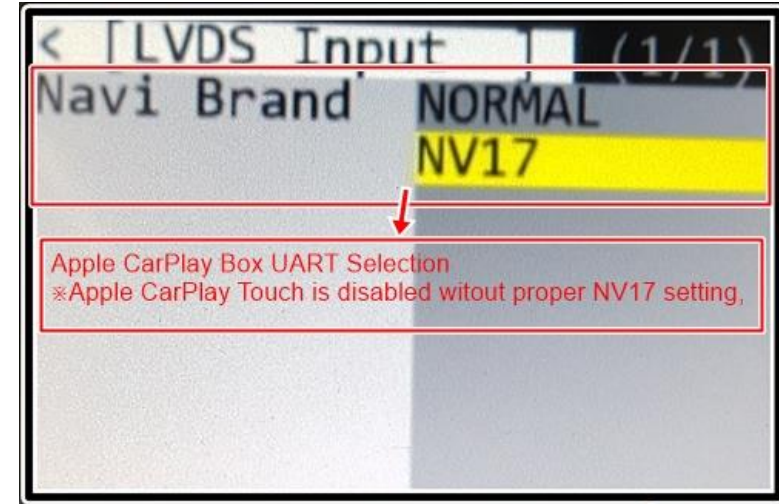
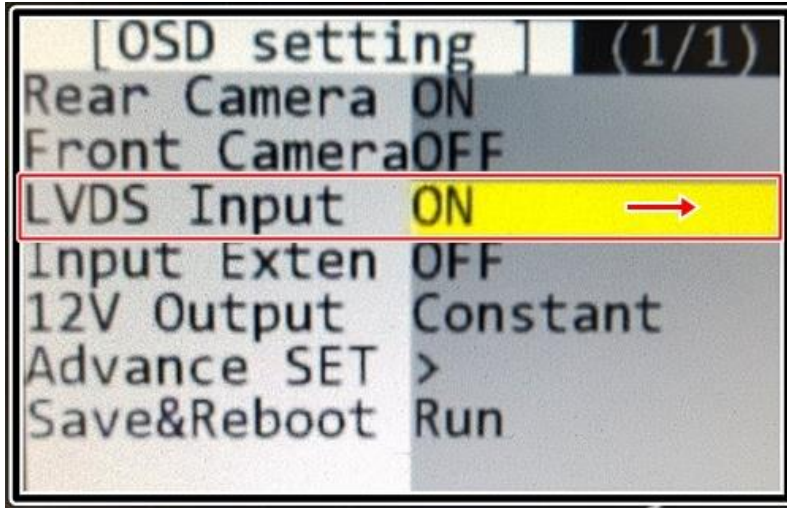
OSD(On Screen Display) R-Cam Settings



OSD(On Screen Display) Front-Cam Settings



OSD(On Screen Display) UART Settings



Trouble Shooting

1. For the Peugeot and Citroen **MANUAL TRANSMISSION** Vehicles, Rear View Camera FPG (Flexible Parking Guidelines) CAN Signal is flexible so please turn off the FPG Function from the OSD Setting.
- 2.

Firmware Update Process

- ※ Firmware Update does not require additional power source for the product.
- ※ Firmware (Program) Update Connection to PC by Mini USB to USB

