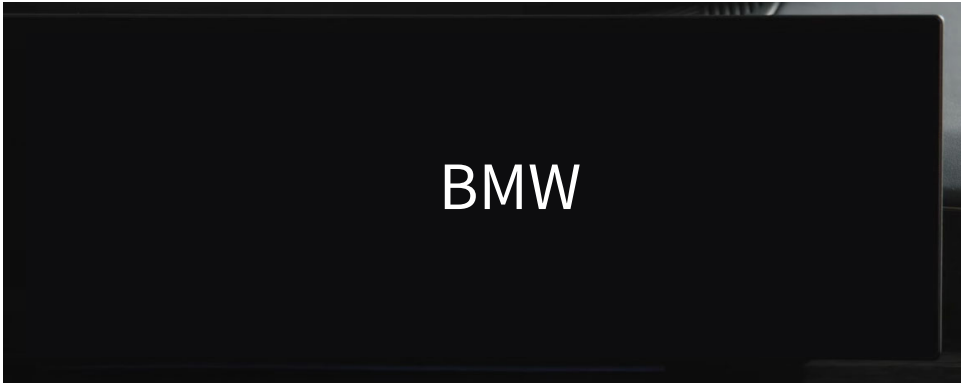


2023~ BMW EVO ID8.0, ID8.5, ID9.0 IU80FH_PLUS MANUAL



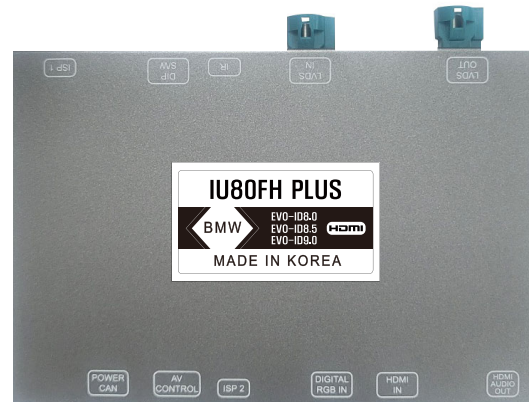
■ ID8.0, ID8.5, ID9.0 Caution – What and how to do if the BMW screen appears after installing the interface



ID8.0, ID8.5, ID9.0

When booting up for the first time, the BMW text or a black screen may appear on the monitor for about 9 seconds, and this may vary depending on the vehicle. BMW test is a natural phenomenon that occurs during the booting process and it is not a defect.	If the BMW text appears after installing the interface, check the IN/OUT direction of the LVDS CABLE, and if there is no problem, turn off the engine completely, lock the car doors, wait for 10 minutes, and then restart the car to solve the problem.
--	--

MAIN UNIT OF INTERFACE



BMW
[IU80FH PLUS]

Car Brand	Model	Year Range	System
BMW ALL SERIES		2023~	EVO-ID8.0 EVO-ID8.5 EVO-ID9.0

COMPONENTS

1 MAIN UNIT 	2 MAIN CABLE 	3 LVDS IN CABLE 	4 LVDS OUT CABLE
5 IR CABLE 	6 REMOTE CONTROL 		
7 HDMI AUDIO CABLE ※ OPTION ※	8 AV GENDER BOARD ※ OPTION ※	9 AV IN/OUT CABLE ※ OPTION ※	10 AV GENDER CABLE ※ OPTION ※
11 PUSH SWITCH ※ OPTION ※			

DIP S/W



PIN	FUNCTION	DIP S/W SETTING
1	External Navigation	OFF
		ON
2	Vehicle Setting	
3	Vehicle Setting	
4	Rear Camera	OFF : OEM Camera
		ON : Aftermarket Camera
5	Vehicle Setting	
6	Vehicle Setting	
7	Vehicle Setting	
8	Vehicle Setting	

BMW IU80FH PLUS SPEC.

1. INPUT

- 1 x Digital RGB Input(LVDS IN)
- 1 x LVDS Input
- 1 x LVDS output
- 1 x CVBS(rear camera)
- 1 x CVBS(front camera or A/V)
- 1 x HDMI(THE MODEL WHICH COMPATIBLE WITH HDMI)
- 3 x A/V Input(Option)

2. Output

- 1 x CVBS
- 1 x Audio L/R

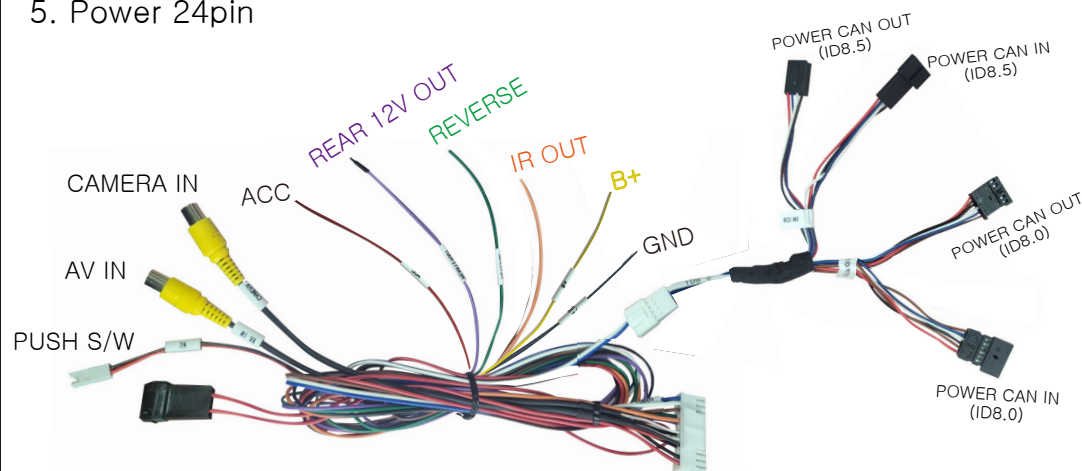
3. Power

- Input power : 8VDC ~ 18VDC
- Consumption : 6.5 Watt
- Ampere : 0.53A

4. Size

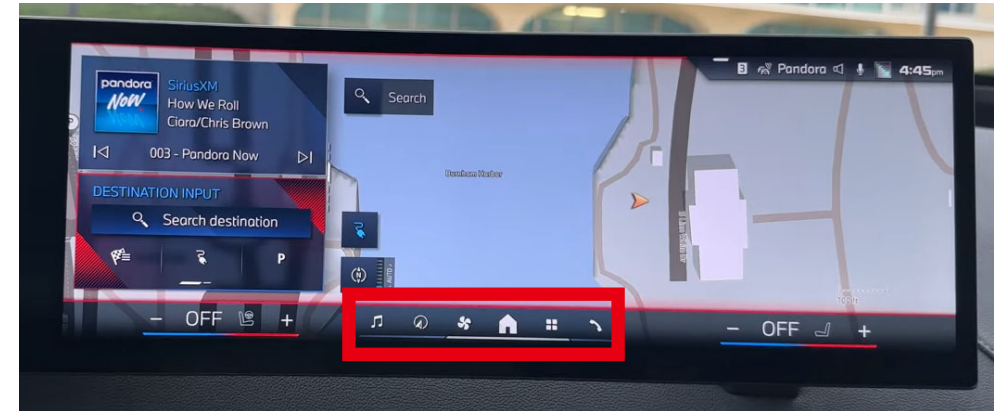
- 163*103*20mm(Width*L

5. Power 24pin

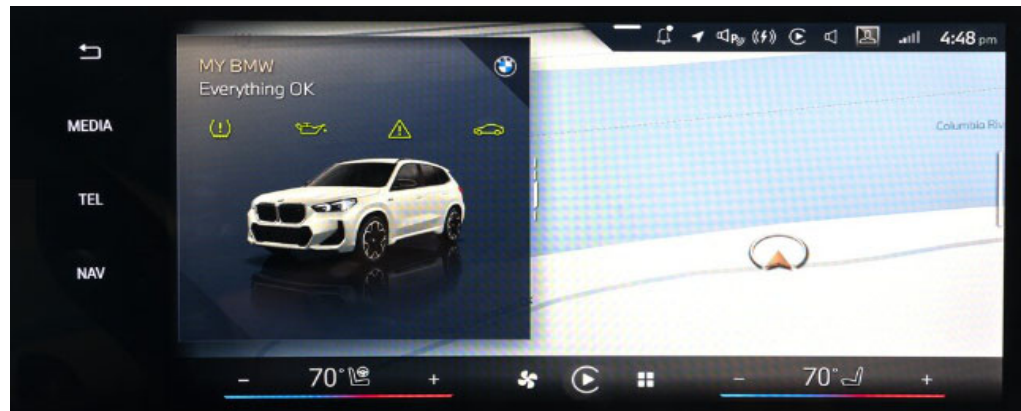




ID8.0

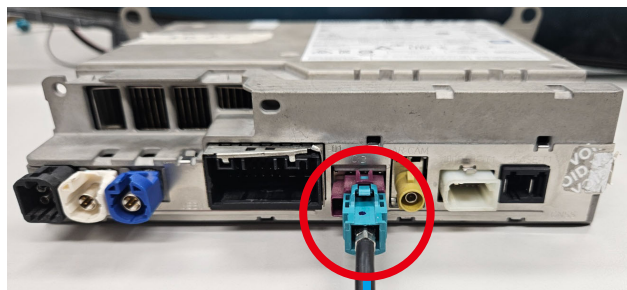


ID8.5



ID9.0 X1

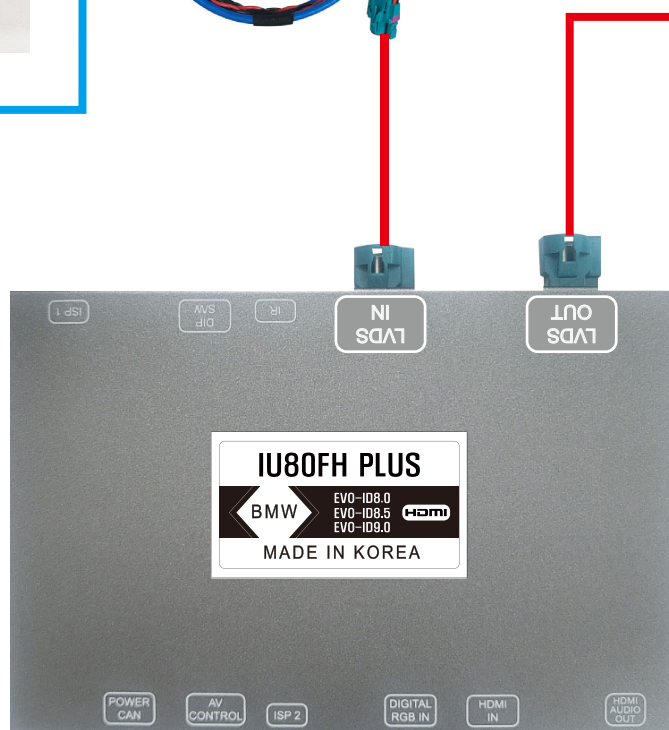
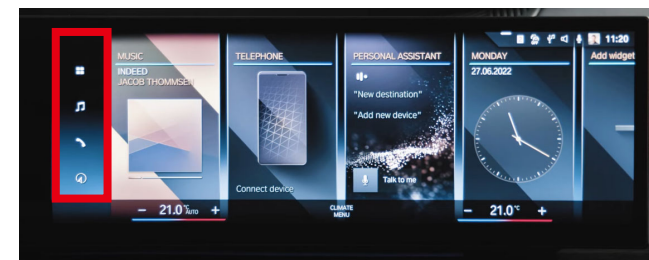
CONNECTION – ID8.0 14.5 INCH



ID8.0

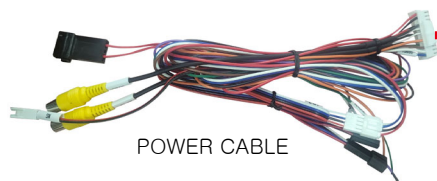


LVDS IN
CABLE



LVDS OUT
CABLE

OEM CABLE



POWER CABLE

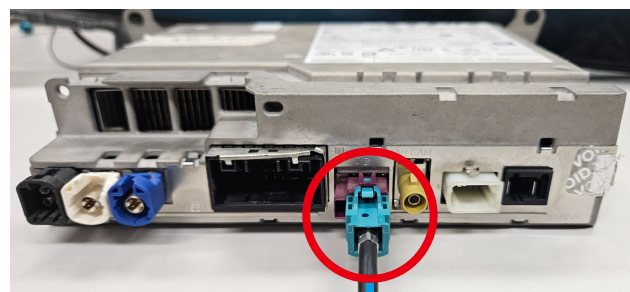


HDMI AUDIO CABLE
* OPTION *



OEM CABLE

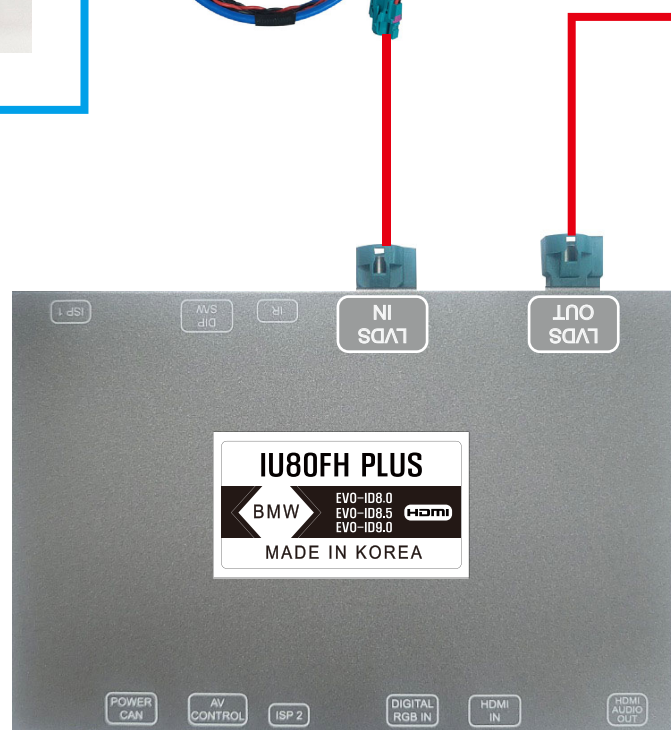
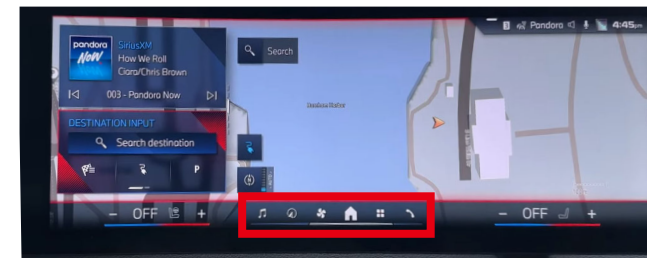
CONNECTION – ID8.5 14.5 INCH



ID8.5

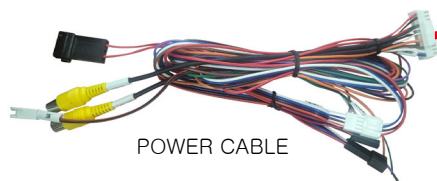


LVDS IN
CABLE



LVDS OUT
CABLE

OEM CABLE



POWER CABLE

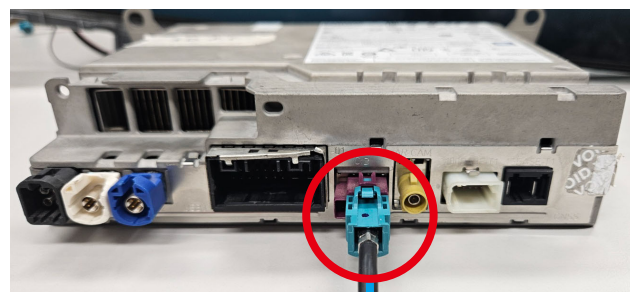


HDMI AUDIO CABLE
* OPTION *

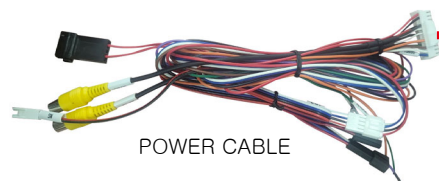
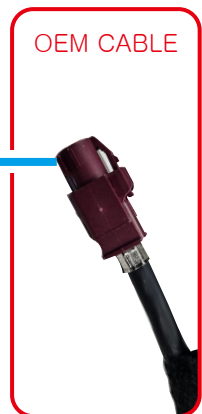
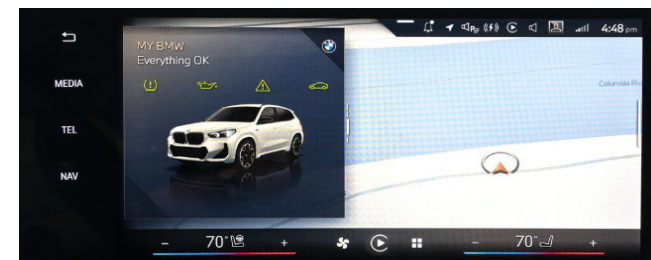
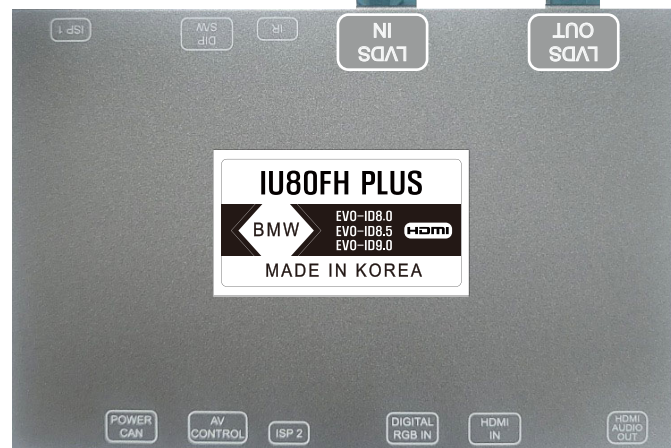


OEM CABLE

CONNECTION – ID9.0 10.9 INCH

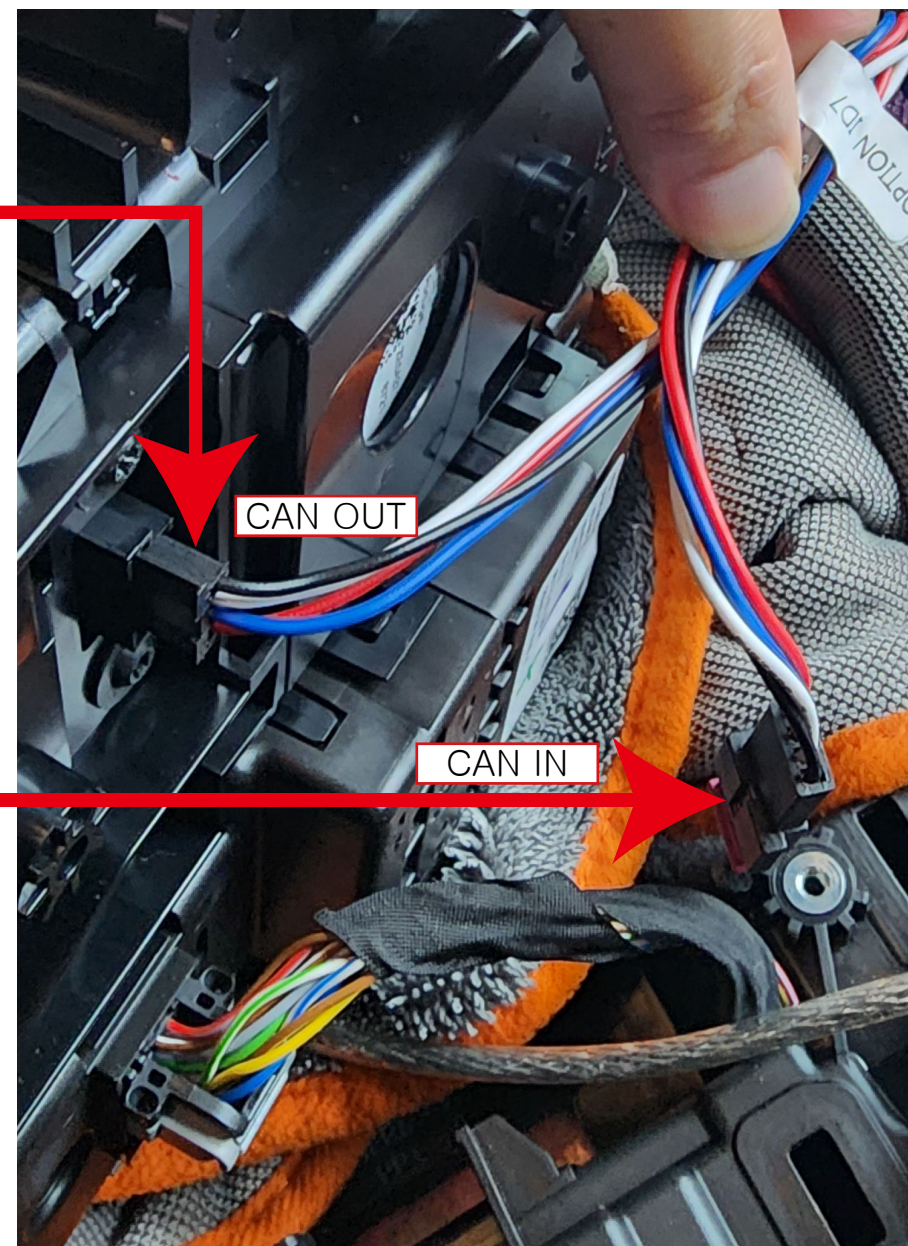
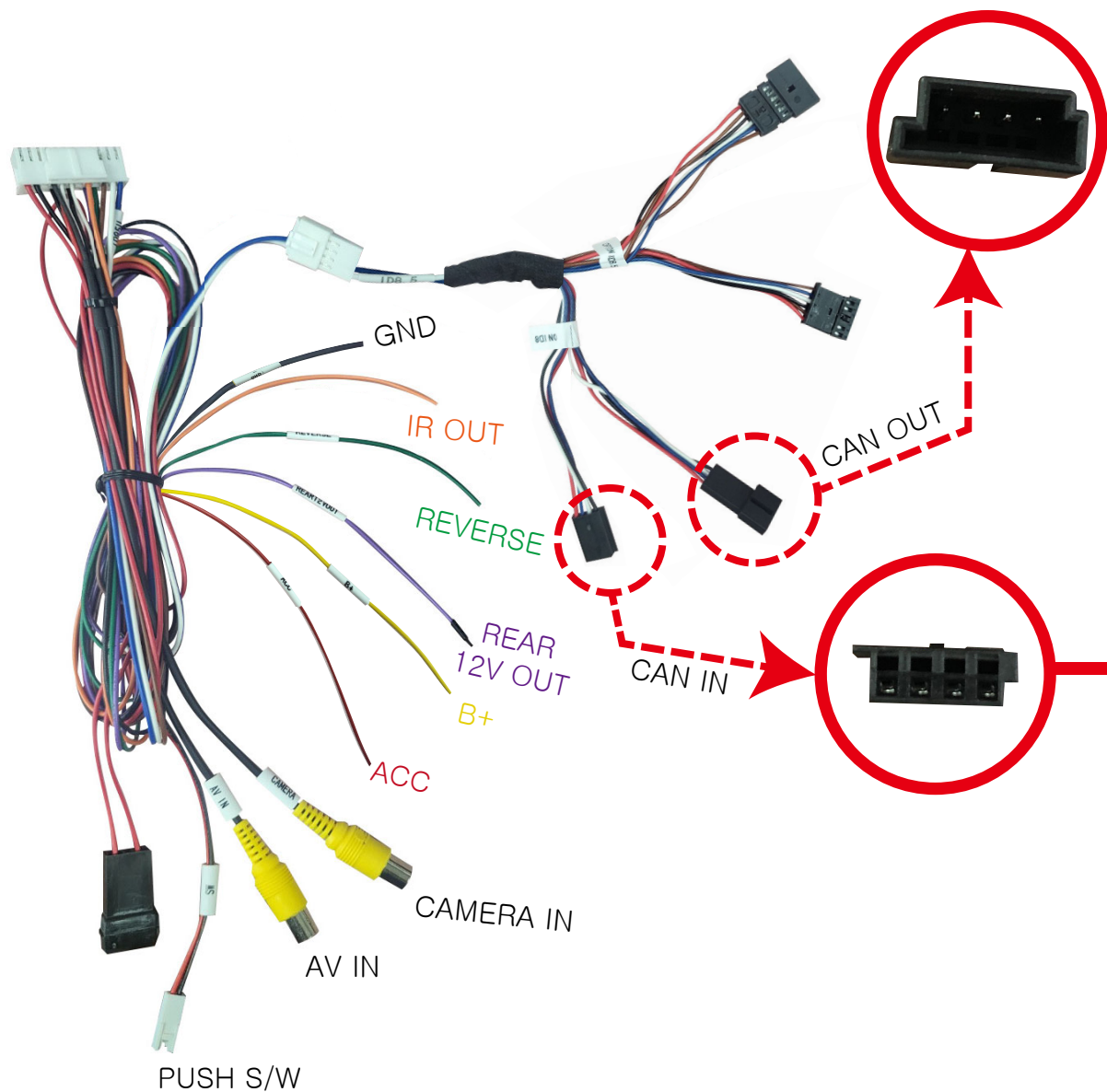


ID9.0

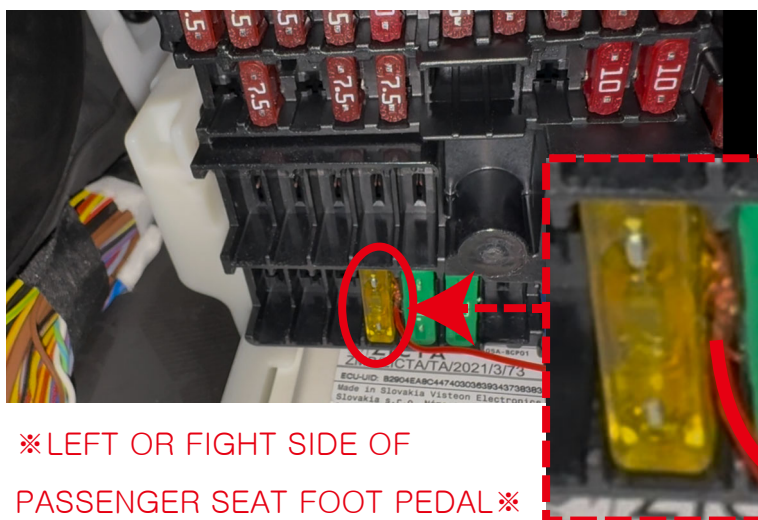
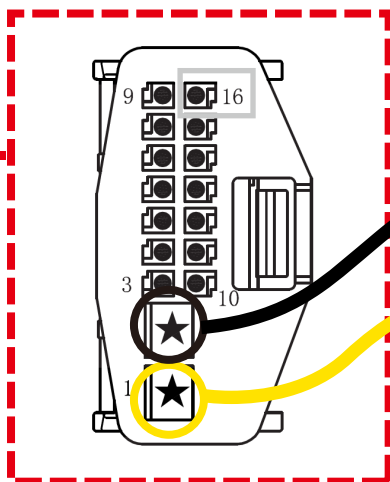


OEM CABLE

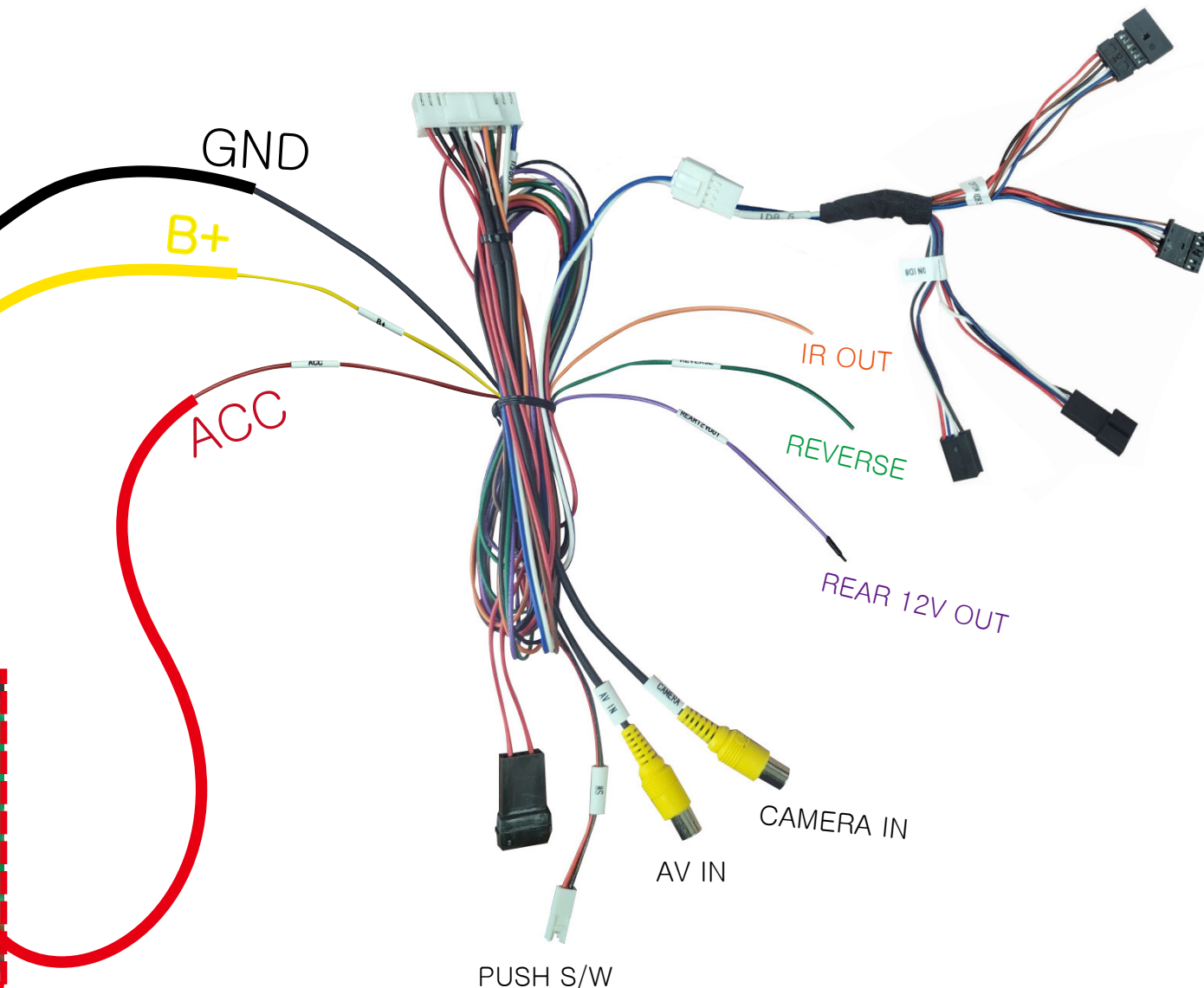
ID8.0 CAN INSTALLATION



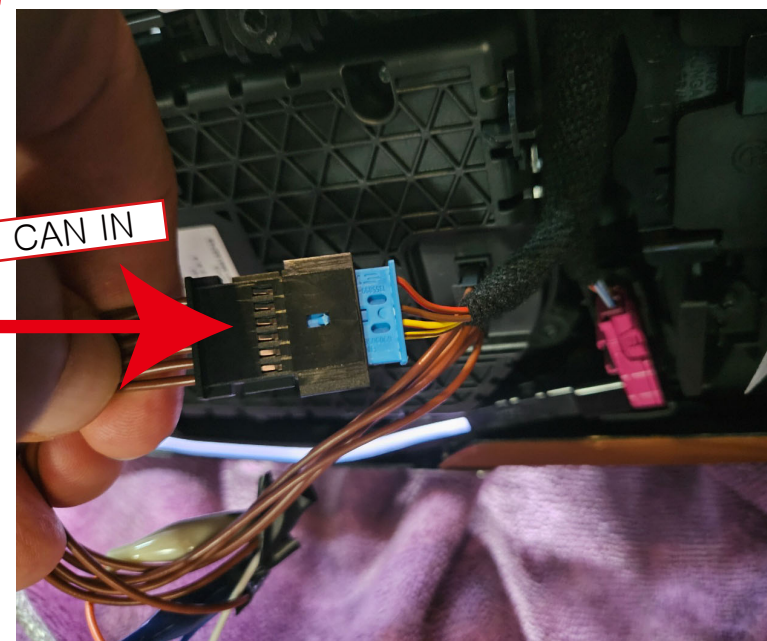
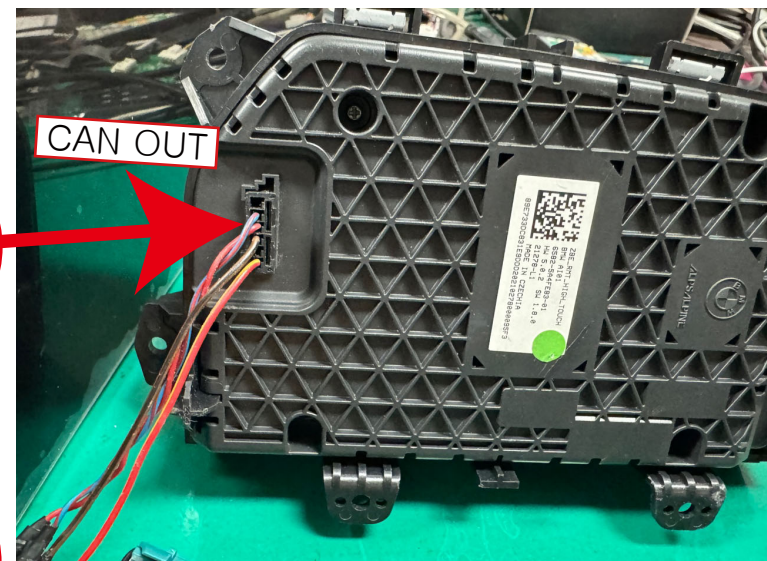
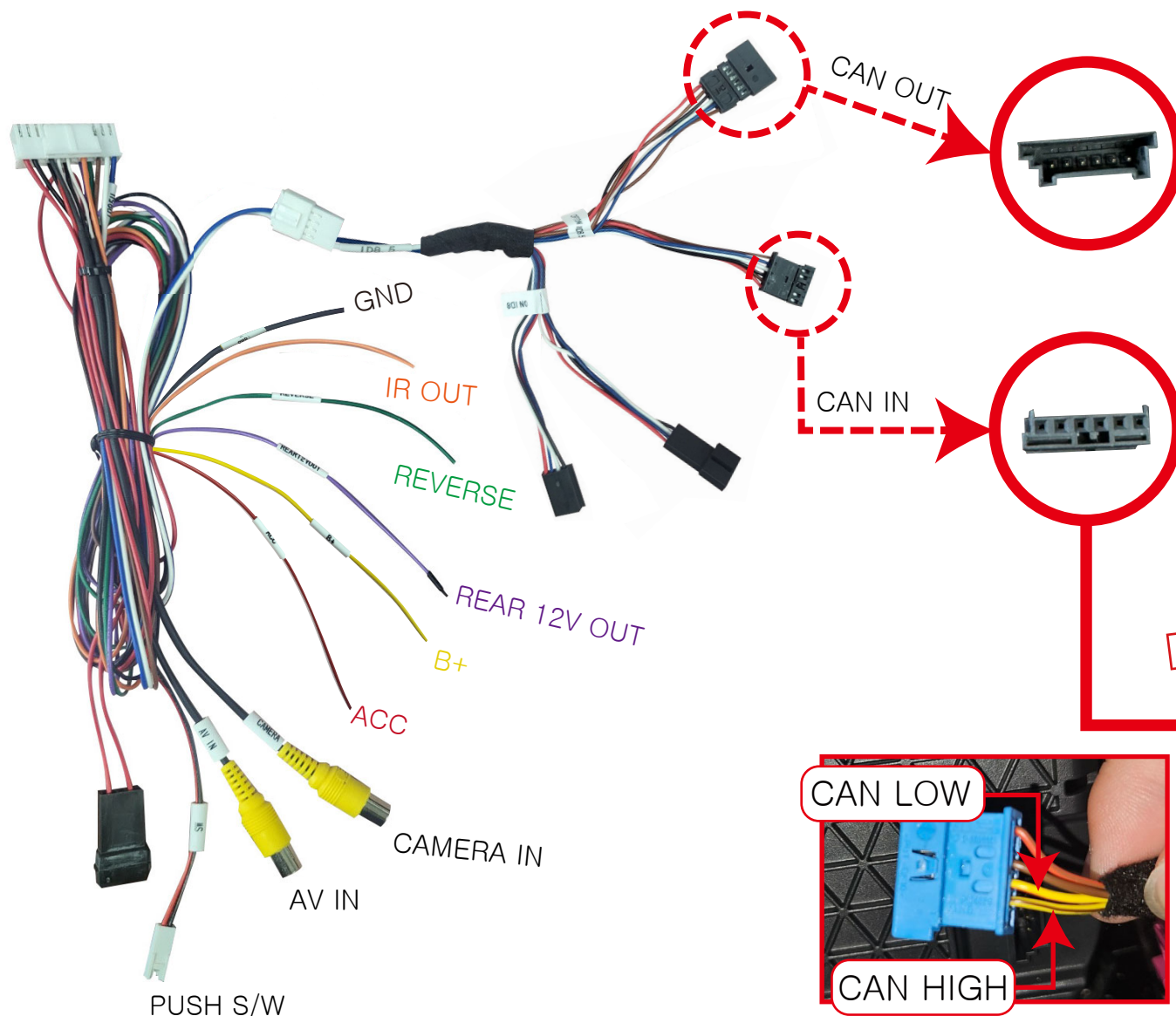
■ INSTALLATION – POWER(ID8.0)



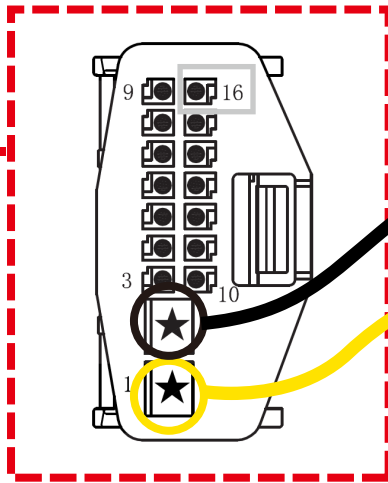
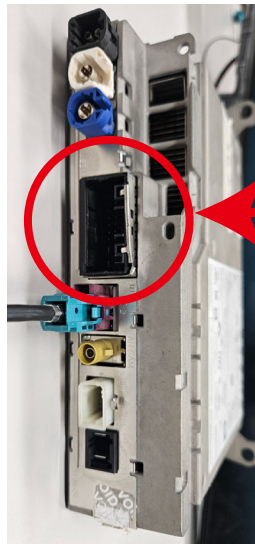
※ LEFT OR RIGHT SIDE OF
 PASSENGER SEAT FOOT PEDAL ※



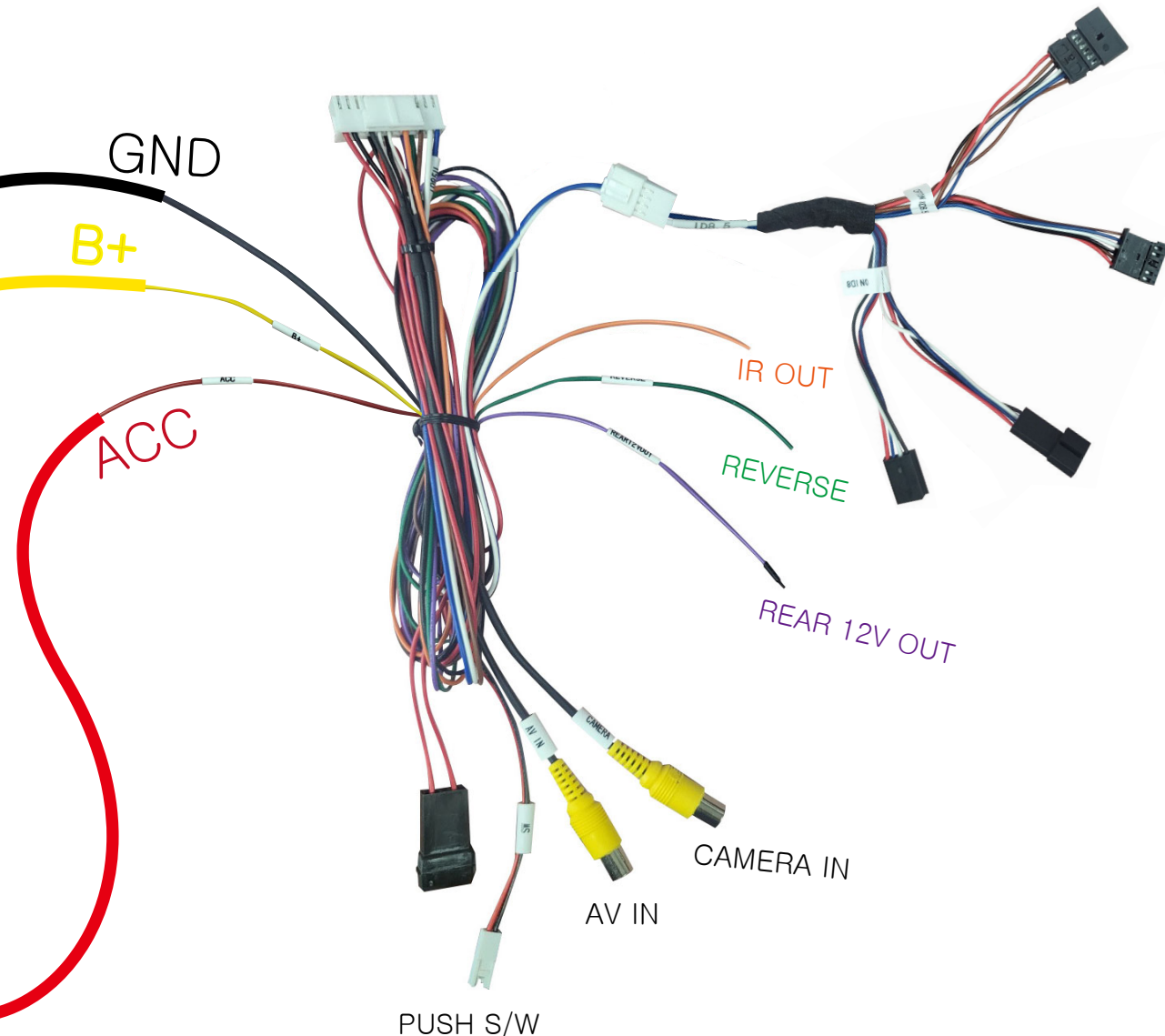
■ ID8.5 CAN INSTALLATION



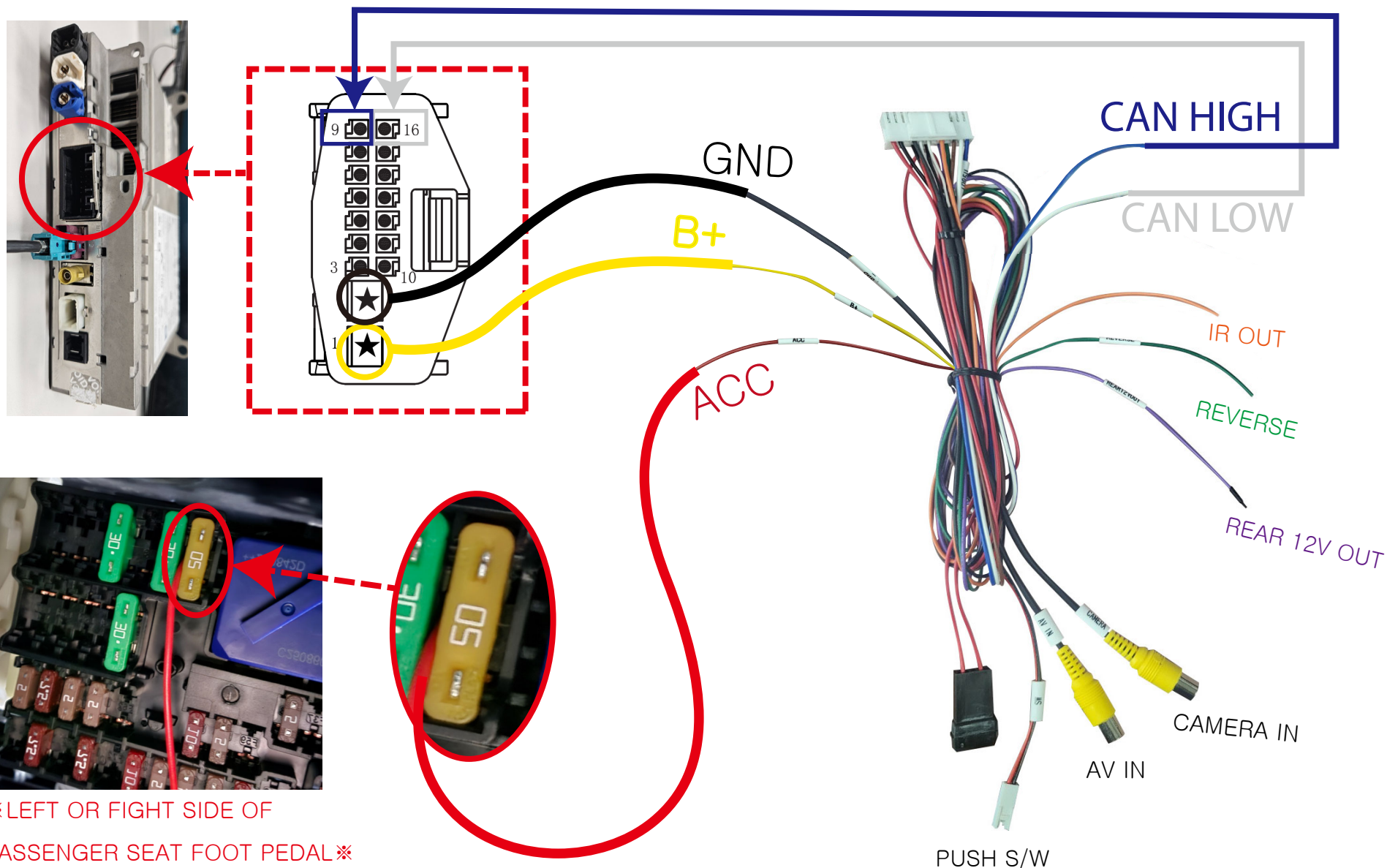
■ INSTALLATION – POWER(ID8.5)



※ LEFT OR RIGHT SIDE OF
PASSENGER SEAT FOOT PEDAL ※

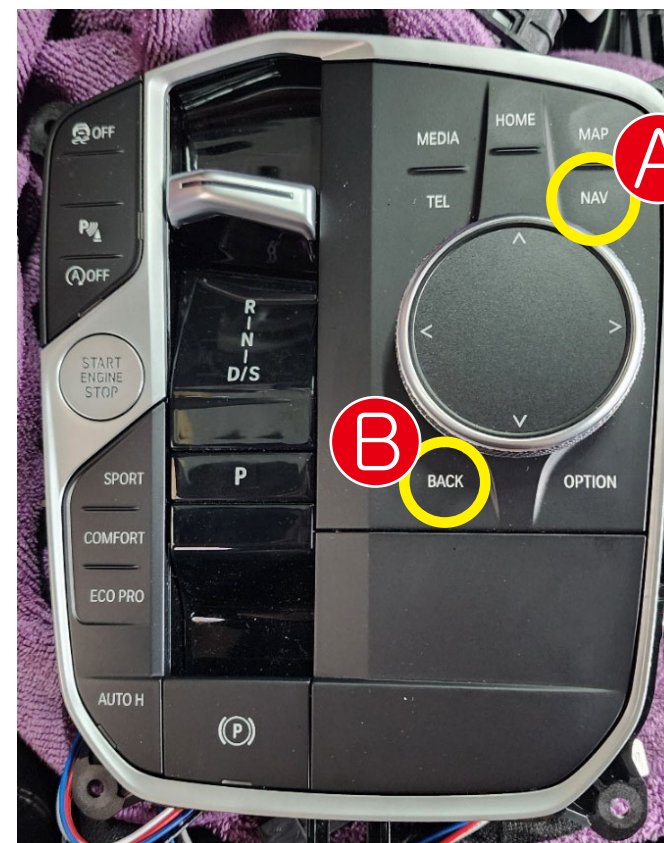


■ X1 INSTALLATION – POWER CAN(ID9.0)



※ LEFT OR RIGHT SIDE OF
PASSENGER SEAT FOOT PEDAL ※

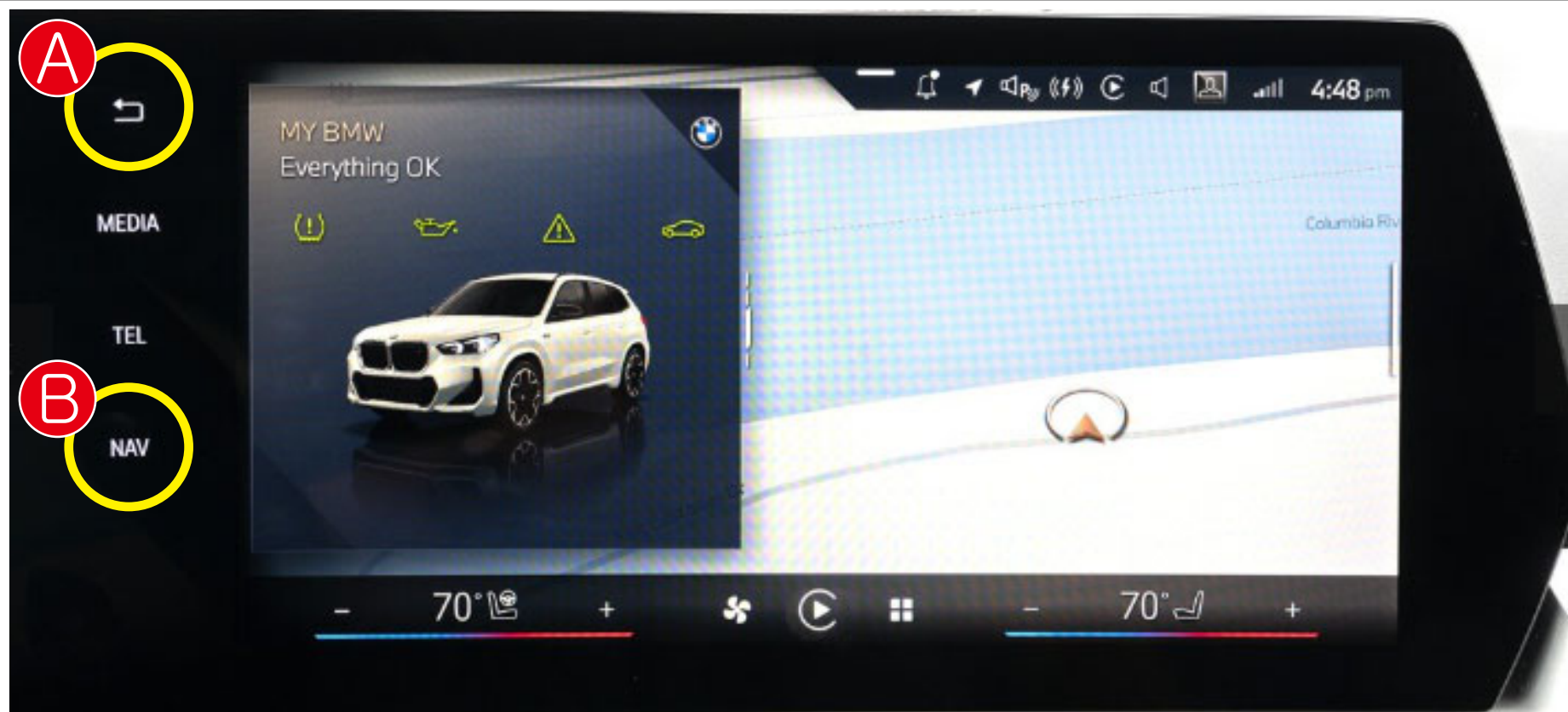
METHOD OF MODE SWITCH



- HOLD BUTTON 2S LONG FOR SWITCHING MODE
- HOLD , BUTTON 7S LONG FOR ENTERING OSD SETTING MENU

OEM → GPS → AV1 → AV2 → AV3 → HDMI
 ↑

METHOD OF MODE SWITCH



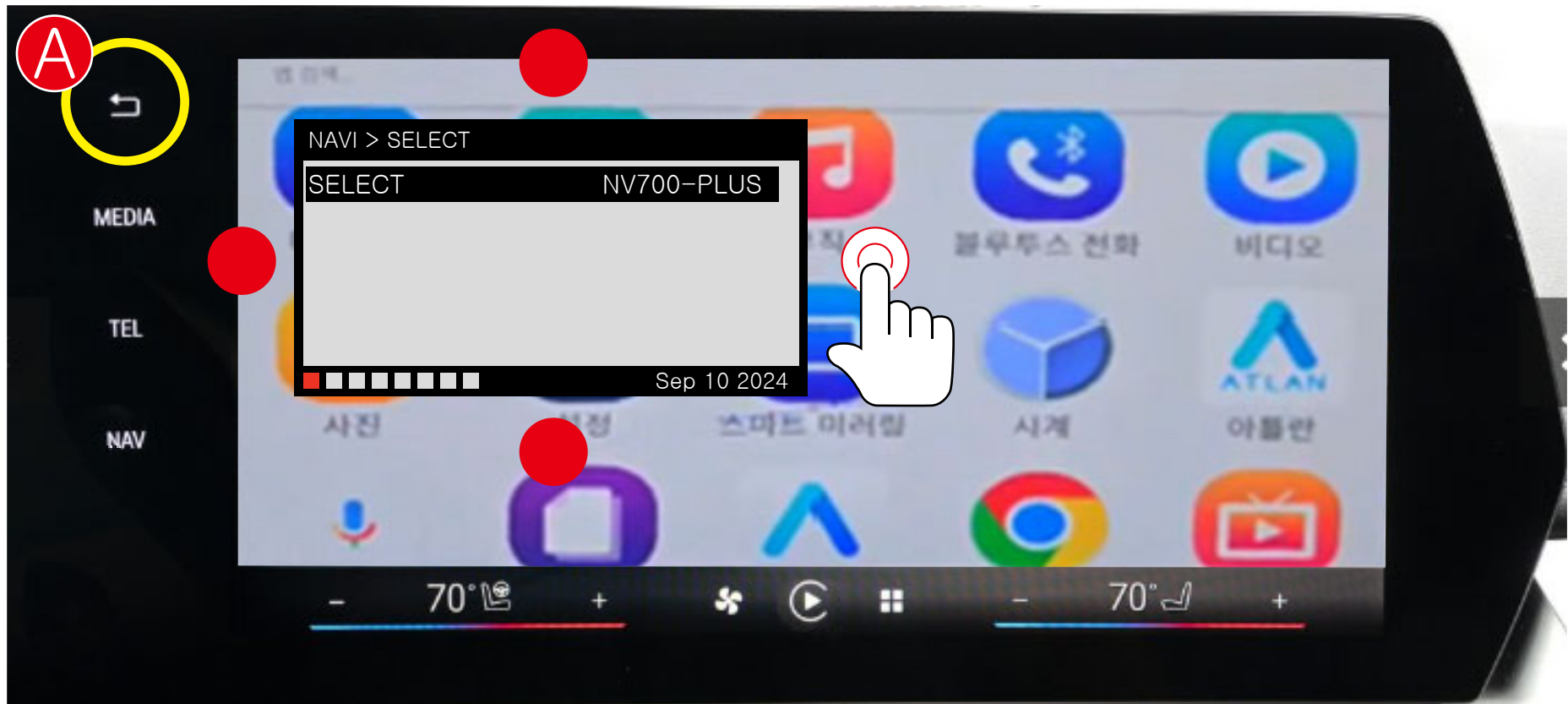
– HOLD   BUTTON 7S LONG FOR ENTERING OSD SETTING MENU

– HOLD   BUTTON 2S LONG FOR SWITCHING MODE

OEM → GPS → AV1 → AV2 → AV3 → HDMI



METHOD OF MODE SWITCH



- HOLD  BUTTON 7S LONG FOR ENTERING OSD SETTING MENU
- TOUCH  TOP BOTTOM LEFT RIGHT SURROUND OSD SETTING MEMU TO MOVE CURSOR TO SETTING

■ ID8.0, ID8.5, ID9.0 RESET FUNCTION

ID8.0



- HOLD BUTTON
OVER 7S

ID8.5



- HOLD BUTTON
OVER 7S

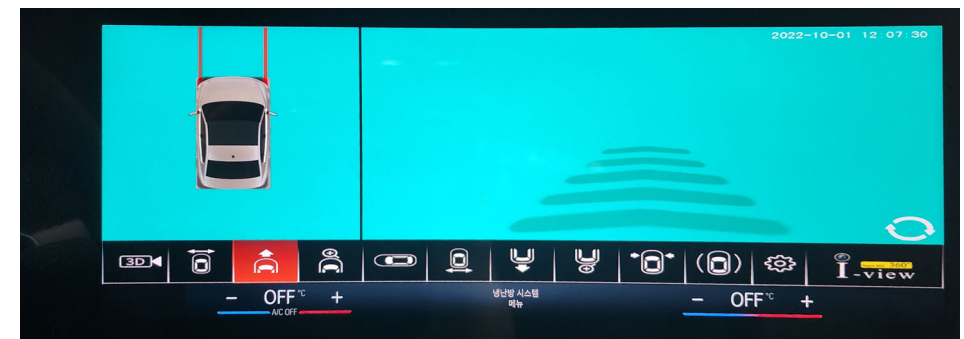
ID9.0 X1



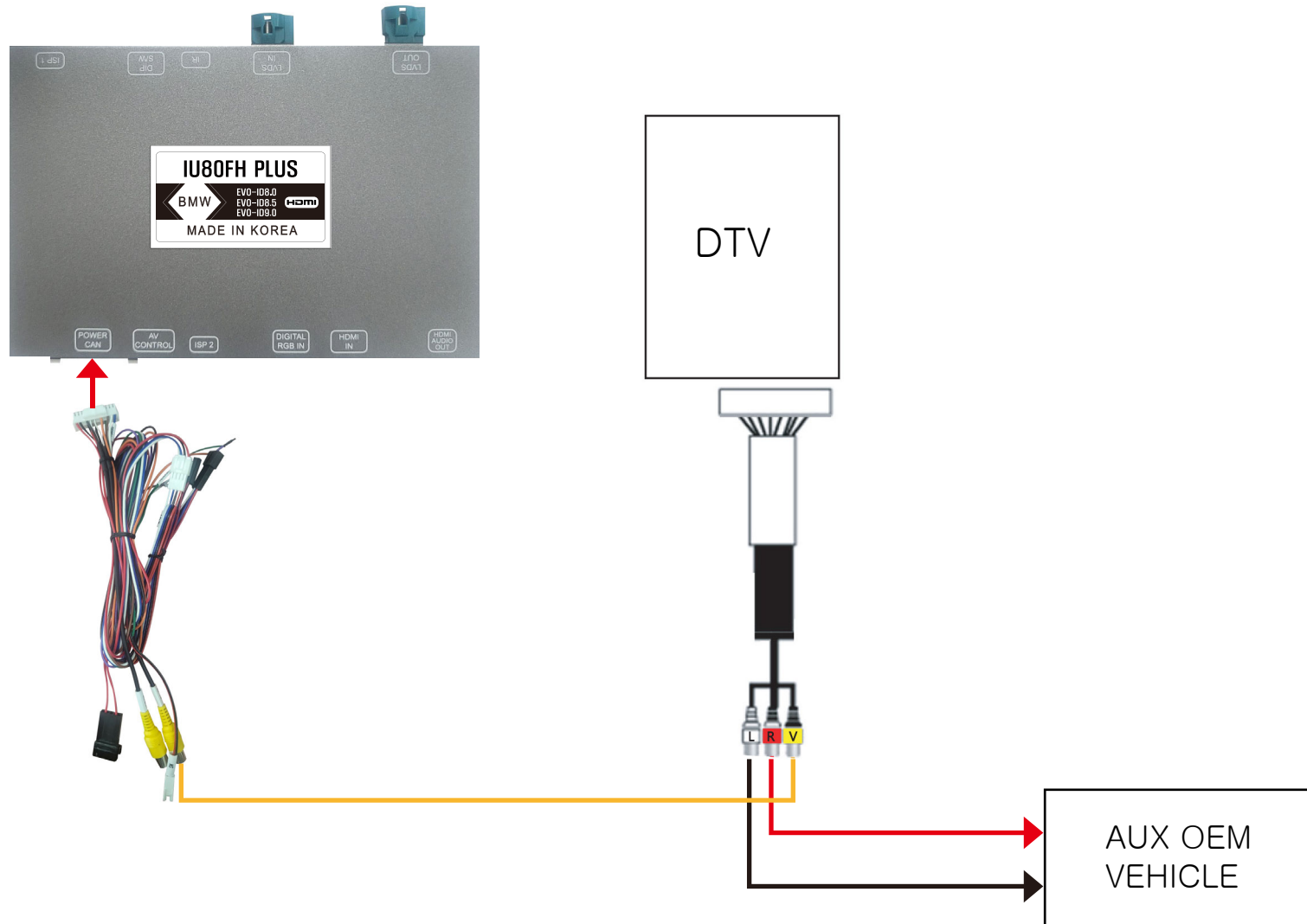
- HOLD BUTTON
RIGHT OVER 7S



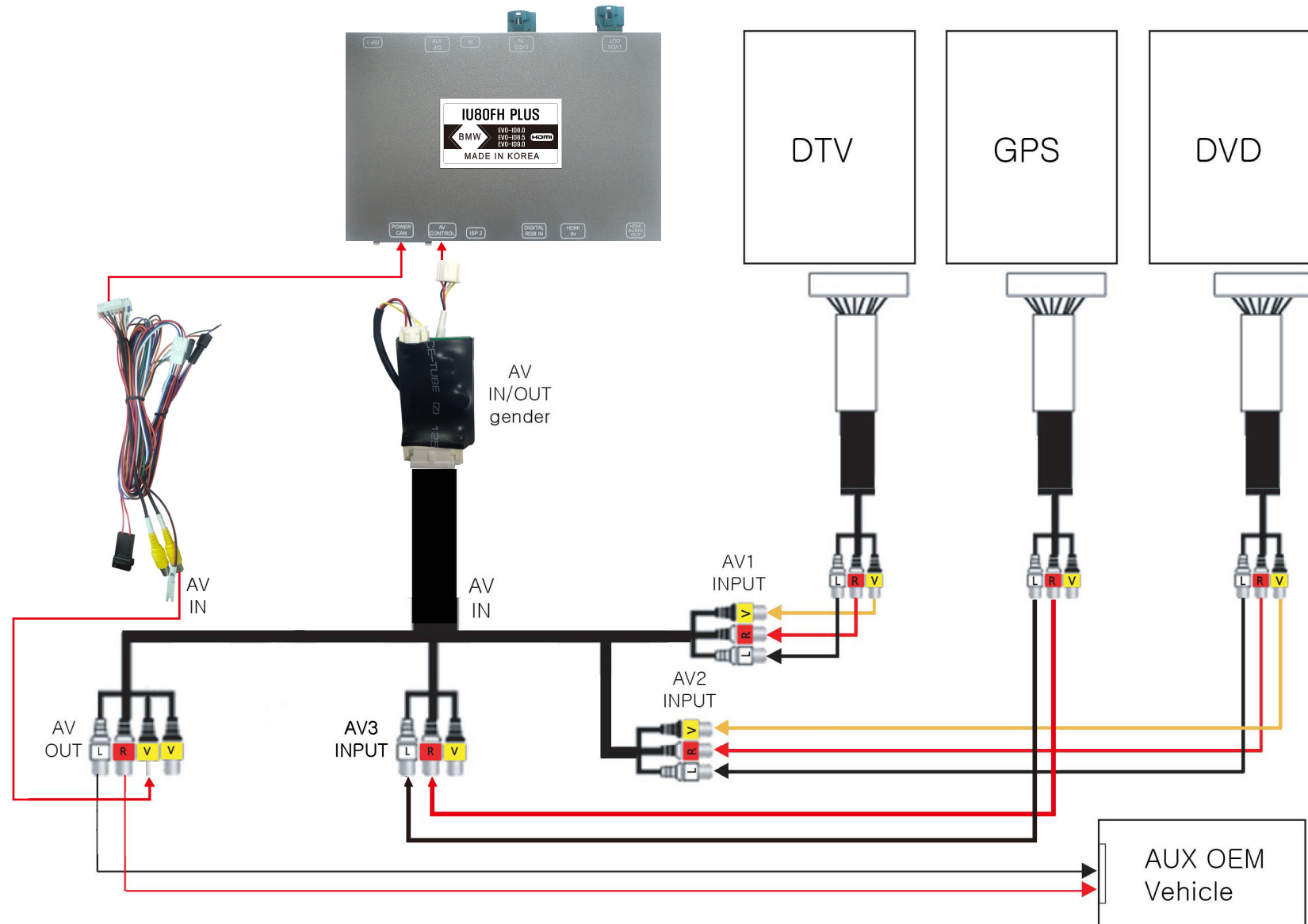
METHOD OF REAR MODE SWITCHING



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



HOW TO CONNECT VIDEO AUDIO WHEN YOU USE MORE THAN 2 AV INPUTS





[OSD MENU MANUAL]

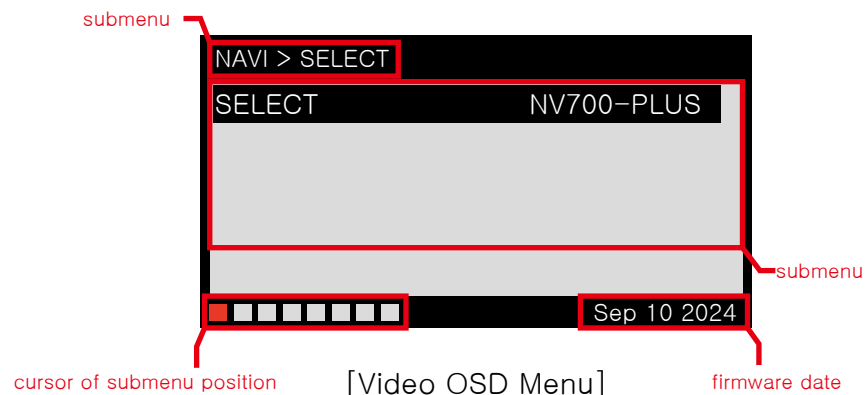
1. OSD MENU
2. Detailed features of [VIDEO OSD]

1. OSD MENU

There are two types of OSD menu as followed pictures.

[Video OSD Menu] is use for setting NAVI, AV1/2/3, video of HDMI and detailed features.

[Rear OSD Menu] is use for setting detailed features of rear camera mode.



1-1. THE METHOD HOW TO ENTER TO OSD MENU

[Video OSD Menu] The method how to enter to Video OSD Menu is press ¹ button for 4 times by R/C, on Navi, AV1, AV2, AV3, HDMI modes. numbers will display per press on screen. Finally, Please press ² button to enter when the screen appear number 4.

[Rear OSD Menu] The method how to enter to Rear OSD Menu is same as above method.

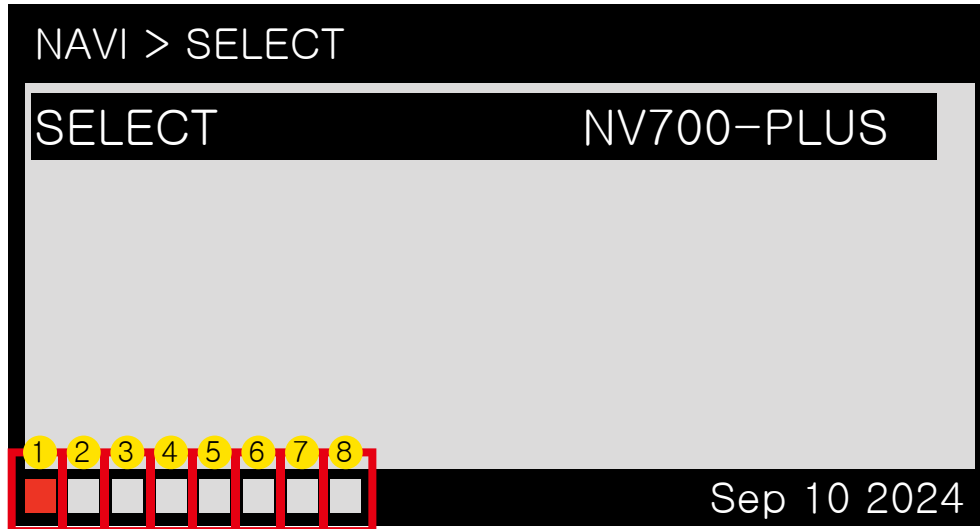
(putting reverse gear to move the rear camera mode.)

1 ► 1 ► 1 ► 1 ► 2



[INTERFACE R/C]

2. Detailed features of [Video OSD]

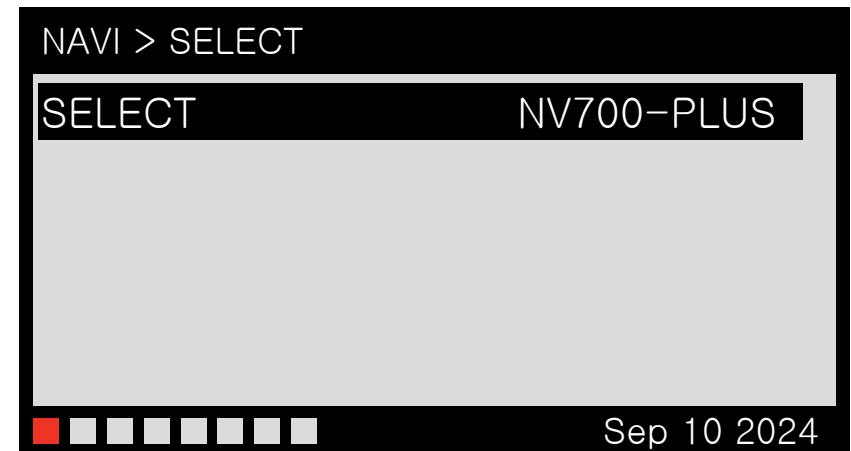


[NAVI SETTING]

- ① NAVI SETTING
- ② AV1 SETTING
- ③ AV2 SETTING
- ④ AV3 SETTING
- ⑤ HDMI SETING
- ⑥ FRONT CAMERA SETTING
- ⑦ INFORMATION
- ⑧ EXIT

2-1. NAVI

2-1(1). SELECT



Select proper navi model for analog rgb or digital rgb

HD-G2, CLASS-CSD for digital rgb devices like NETPLAY, ROIK, M2C

Rest models for analog rgb, normal select MST3000.

2-2. AV1(DTV)/ AV2(DVD)/ AV3(RECORDER)

2-2(1). SELECT

PLEASE USE AV MODES, OR SELECT CONNECTED DEVICE OF AV IN ORDER TO CONTROL.

AV1



AV2



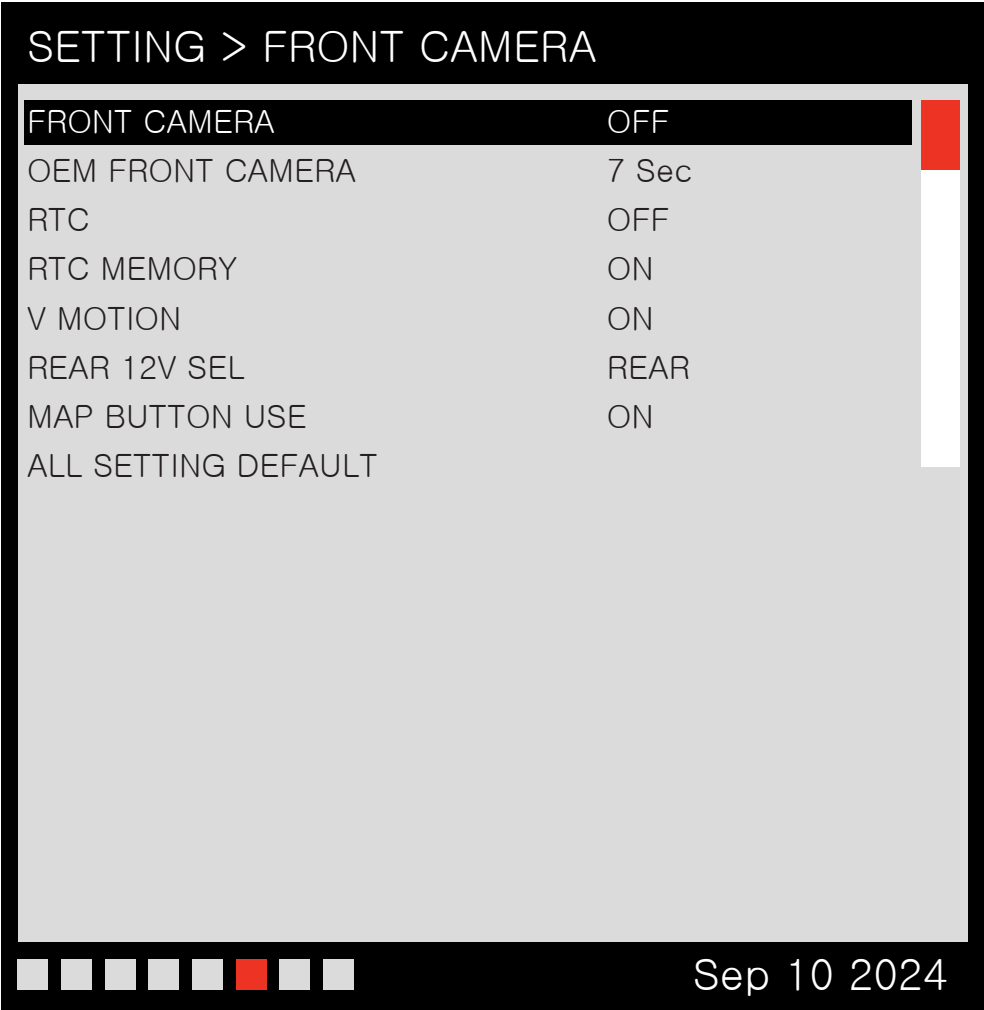
AV3



2-3. HDMI
2-3(1). SELECT



2-4. SETTING



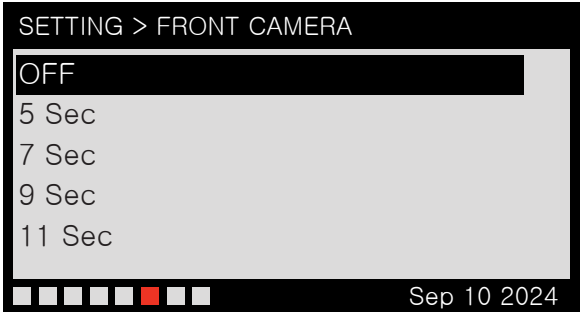
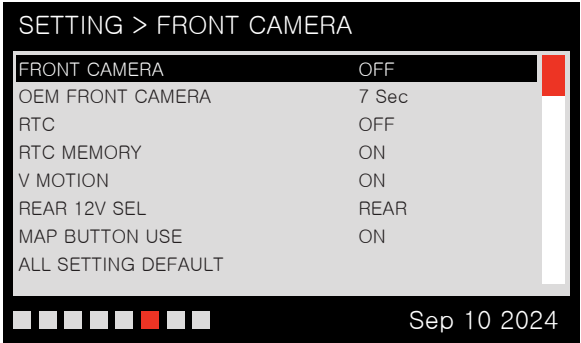
[OTHER SETTING]

2-4. SETTING

2-4(1). FRONT CAMERA

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

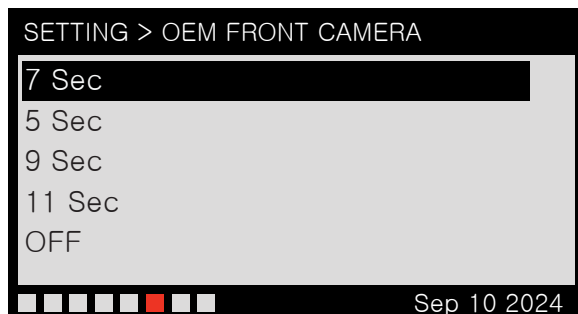
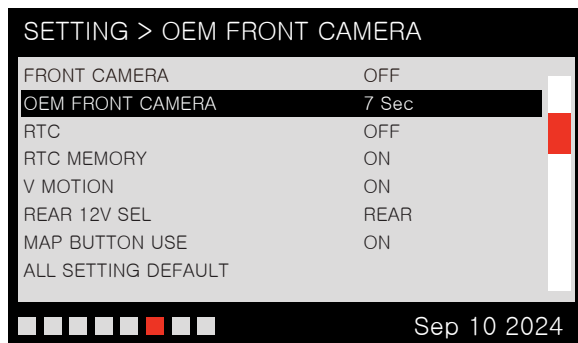
THIS SETTING FUNCTION USES FOR FRONT CAMERA. IT WILL DISPLAY REAR CAMERA INPUT WHEN PUT THE REVERSE GEAR. AND IT WILL DISPALY FRONT CAMERA INPUT AUTOMATICALLY WHEN PUT BACK TO DRIVE OR PARKING GEAR 5-11S.



2-4. SETTING

2-4(2). OEM FRONT CAMERA

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

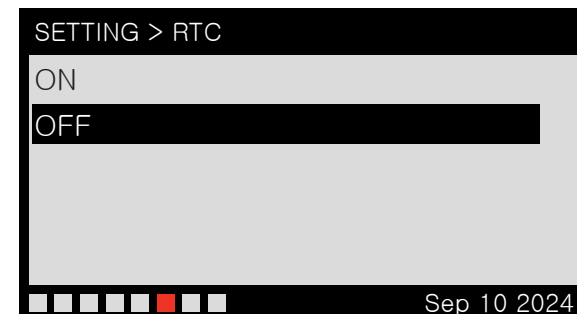
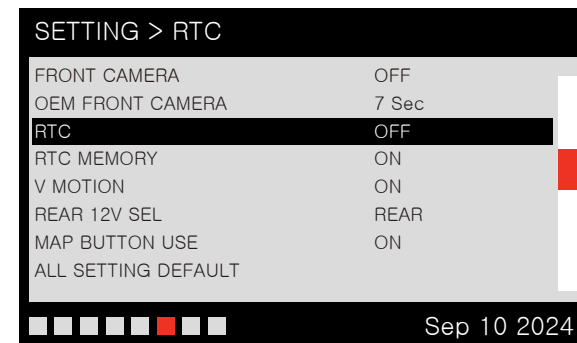


2-4. SETTING

2-4(3). RTC (NOT ALL PRODUCTS WITH THIS FUNCTION)

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

SWITCH MODE BETWEEN FACTRY REAR CAMERA AND AFTERMARKET REAR CAMERA WHEN SELECT REVERSE.



2-4. SETTING

2-4(4). RTC MEMORY

(NOT ALL PRODUCTS WITH THIS FUNCTION)

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

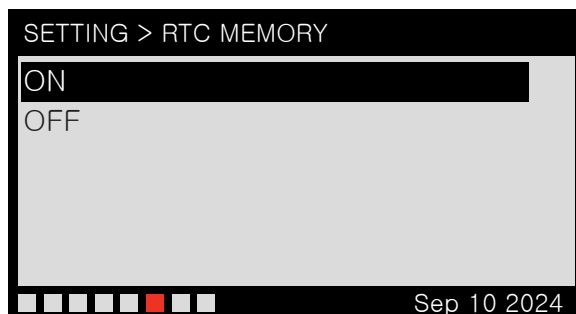
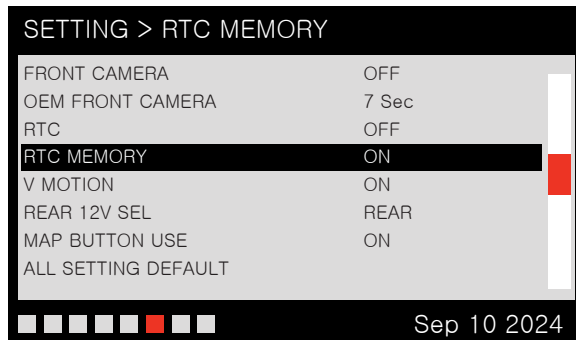
SELECT OFF WITH DIP SWITCH 4 OFF : ALWAYS DISPLAY FACTORY REAR CAMERA WHEN SELECT REVERSE.

SELECT OFF WITH DIP SWITCH 4 ON : ALWAYS DISPLAY AFTERMARKET REAR CAMERA WHEN SELECT REVERSE.

SELECT ON : NO MATTER YOU SET DIP SWITCH 4 ON OR OFF, IT WILL ALWAYS DISPLAY LAST MODE IN REVERSE.

IF THE LAST DISPLAY IN REVERSE WAS FACTORY REAR CAMERA, THEN IT WILL SHOW FACTORY REAR CAMERA EACH TIME YOU SELECT REVERSE.

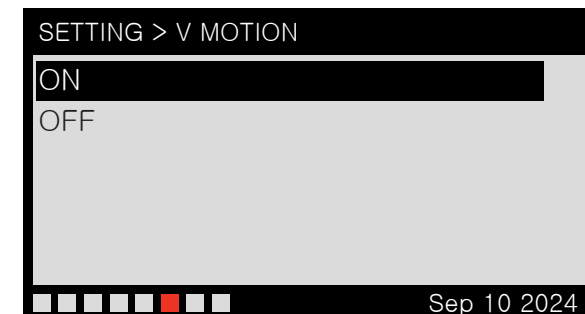
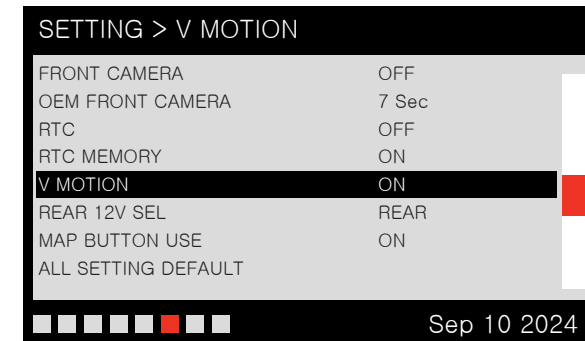
IF THE LAST DISPLAY IN REVERSE WAS AFTERMARKET REAR CAMERA, THEN IT WILL SHOW AFTERMARKET REAR CAMERA EACH TIME YOU SELECT REVERSE.



2-4. SETTING

2-4(5). V MOTION

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

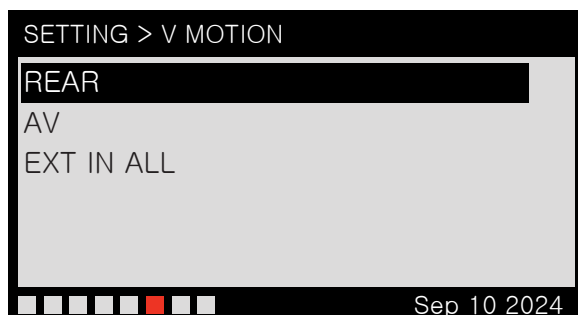
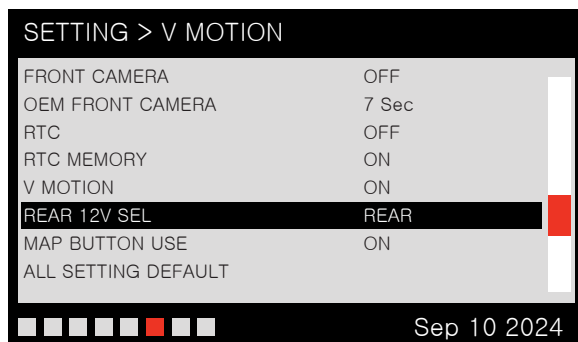


2-4. SETTING

2-4(6). REAR 12V SEL

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

SELECT WHAT TO DISPLAY WHEN CONNECTING REAR 12V

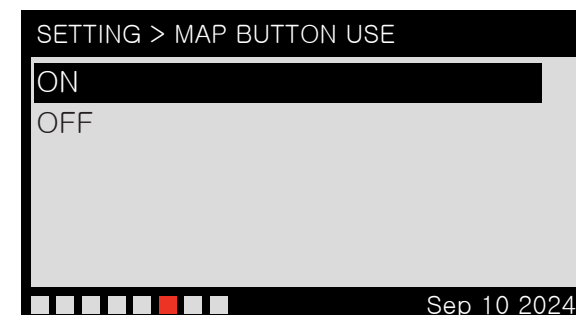
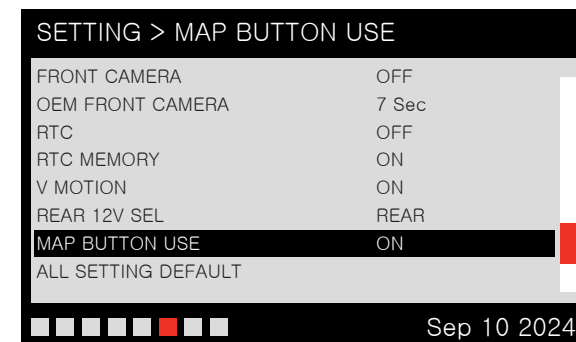


2-4. SETTING

2-4(7). MAP BUTTON USE (FROM BMW NBT)

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.

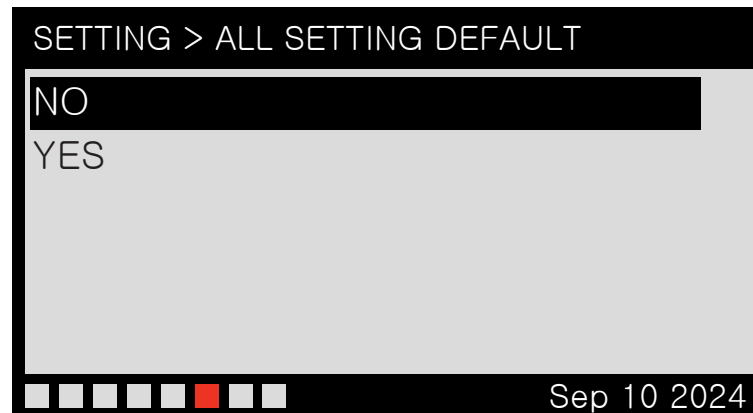
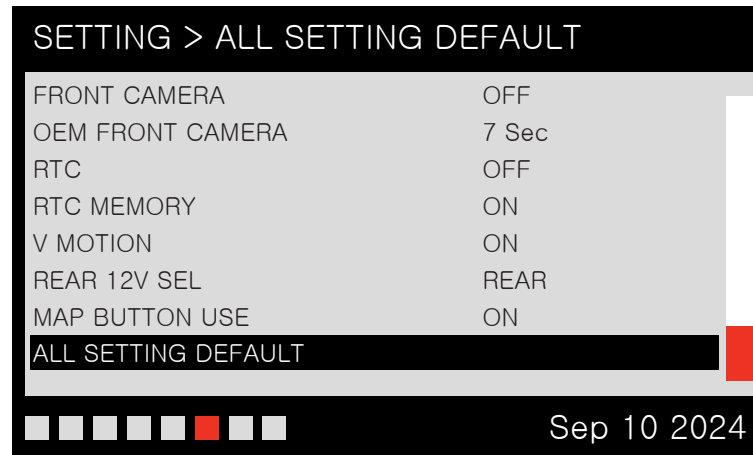
ON : POSSIBLE TO SWITCH MODE BY PRESSING MAP BUTTON SHORTLY
OFF : POSSIBLE TO SWITCH MODE BY PRESSING MAP BUTTON



2-4. SETTING

2-4(8). ALL SETTING DEFAULT

THE FUNCTION IS NOT COMPATIBLE WITH ALL OF OUR INTERFACES.



2-6. SETTING

2-6(1). EXIT

FINISH THE OSD MENU OR NOT.

