

JEEP 2018 TDC3

- MODEL : HW ver 0.2
- DATE : 2021.06.29



GU ELECTRONIC

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1. Main Spec.

1. Input Spec. (MULTI VIDEO INTERFACE)

- 1 x Digital RGB Input (Navigation System source)
- 1 x Analog RGB Input (Navigation System output)
- 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
- 1 x CVBS(FRONT CAMERA) Input. (Front camera source)
- 1 x LVDS Input. (Car Command System)

2. Output Spec.

- 1 x Vertical Analog Touch (Navigation System source)
- 1 x Uart Digital Touch (Navigation System source)
- 1 x LVDS Output (LCD Operation)

3. Power Spec.

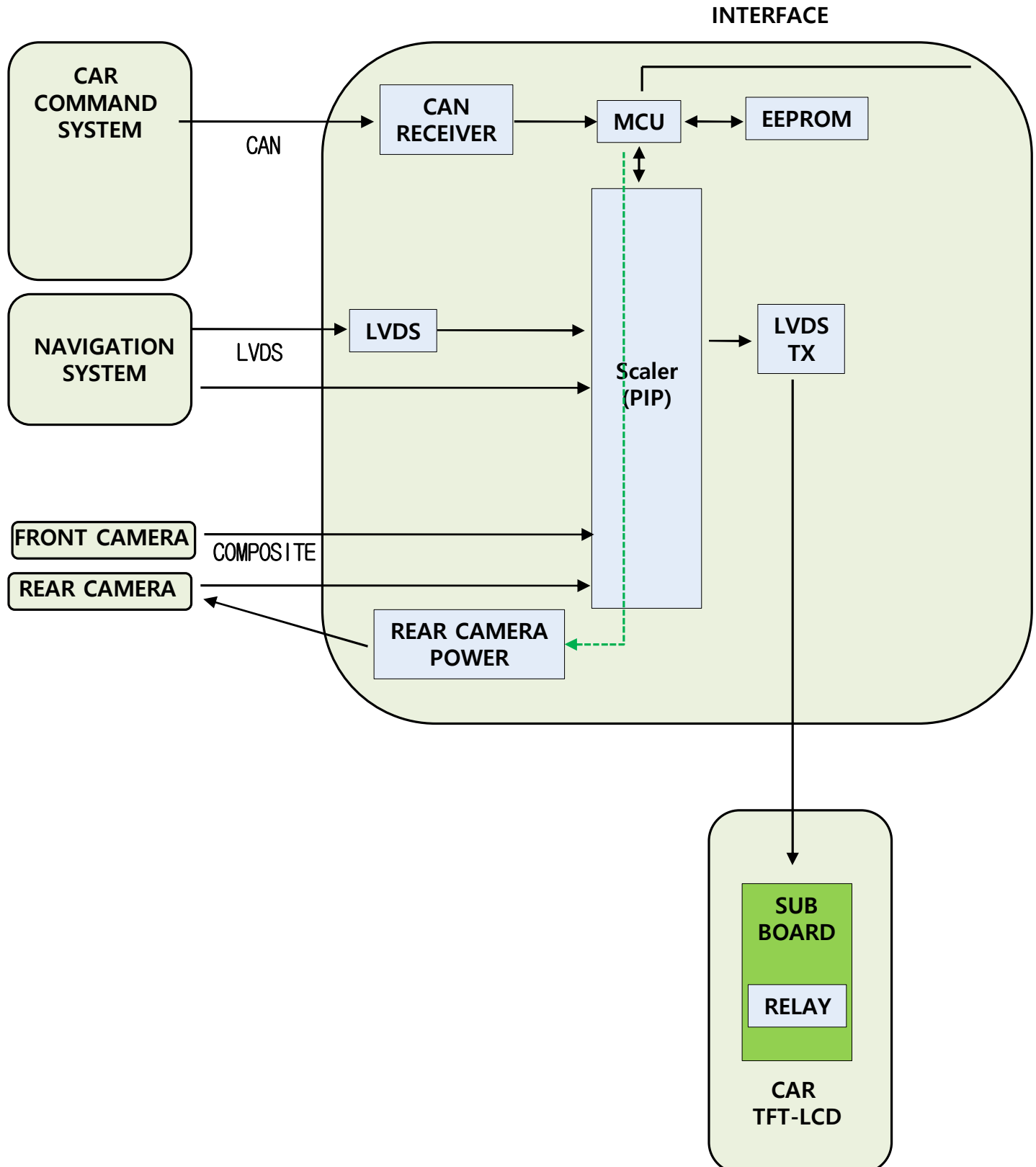
- Input Power : 8VDC ~ 24VDC
- Consumption Power : 12Watt, Max

4. Switch Input mode

- Possible to select CAR model while switching mode by DIP S/W
- By button on the Commander in the car via CAN



2. Block Diagram



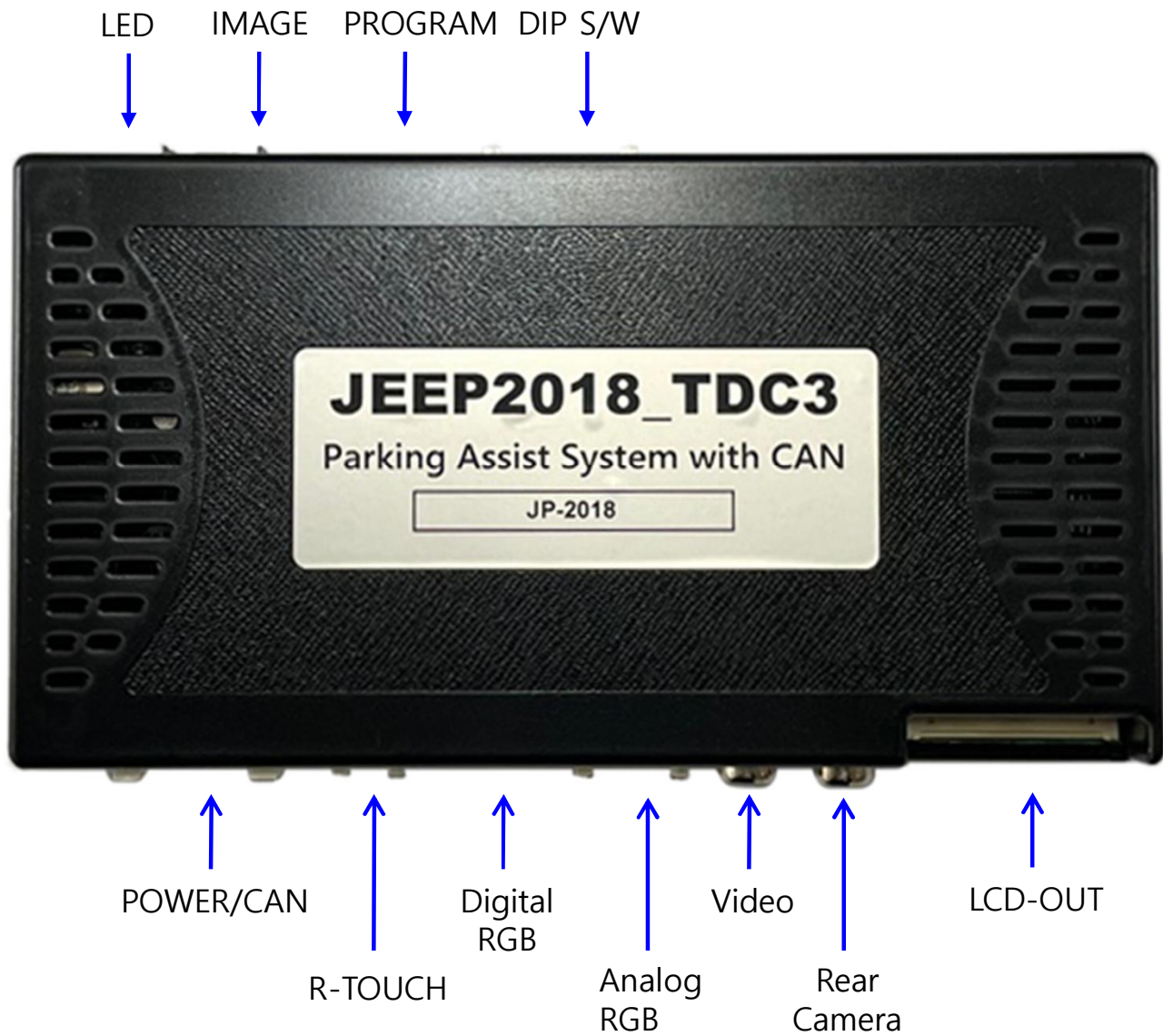
3. Dimension

159mm * 83mm * 22mm

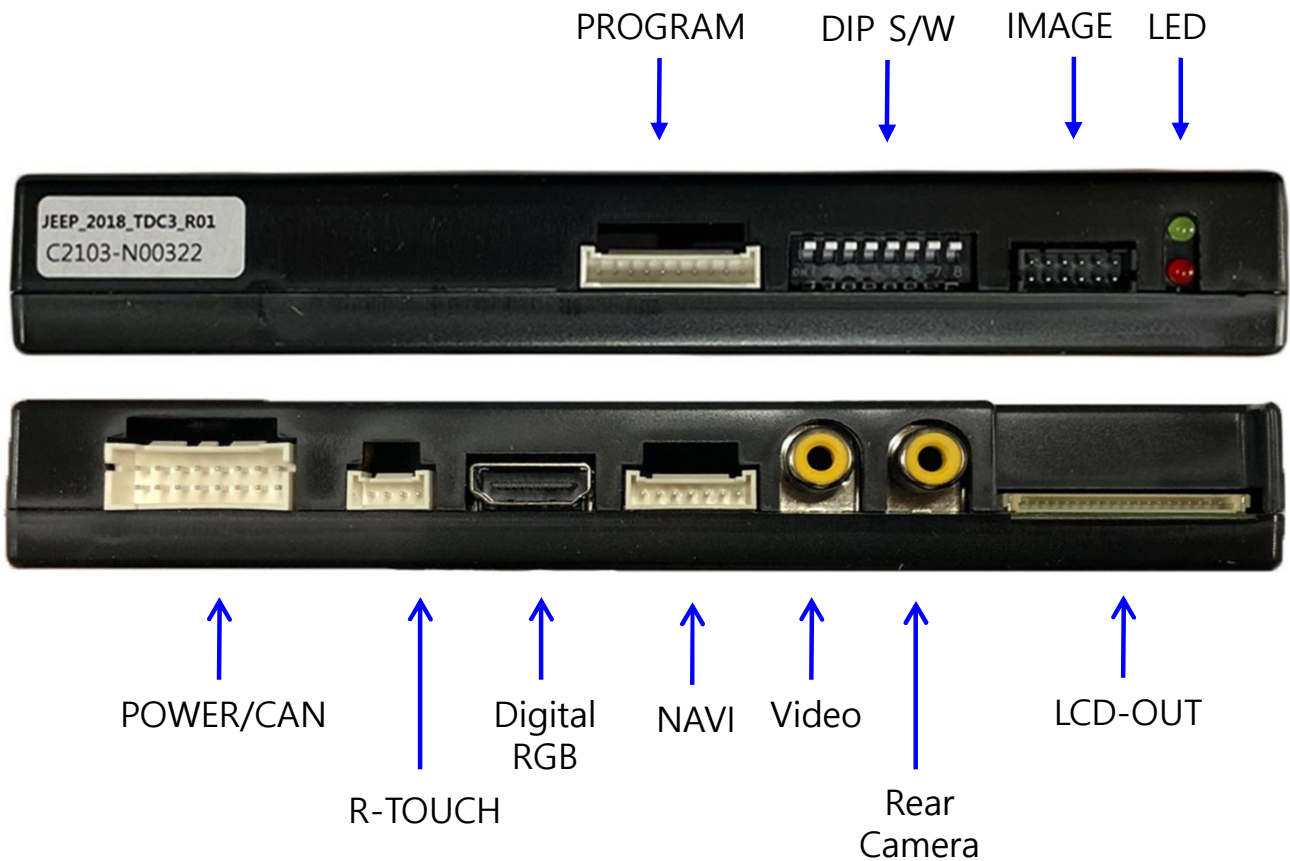


* This can change under manufacturer's circumstance

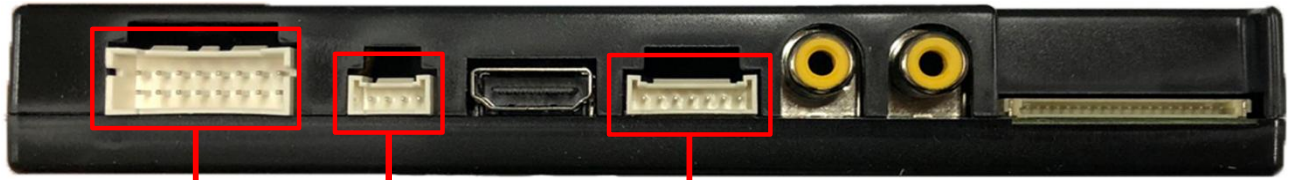
4. External Appearance



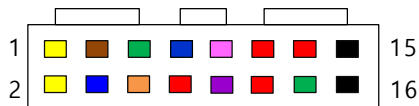
4. External Appearance



5. Connector Pin Assignment

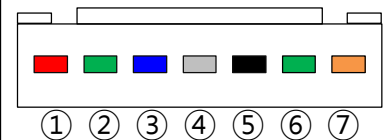


*POWER Connect



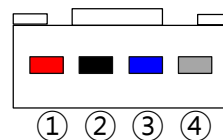
- | | |
|---------------------|---------------------|
| 1. Battery (Yellow) | 9. CANb-L (Pink) |
| 2. Battery (Yellow) | 10. CANb-H (Purple) |
| 3. Rear-DET (Brown) | 11. ACC (Red) |
| 4. Front-DET (Blue) | 12. Rear-VCC (Red) |
| 5. CANin-L (Green) | 13. Front-VCC (Red) |
| 6. CANin-H (Orange) | 14. Mode (Green) |
| 7. CANout-L (Blue) | 15. GND (Black) |
| 8. CANout-H (Red) | 16. GND (Black) |

*NAVI Connect



- ① R DATA (Red)
- ② G DATA (Green)
- ③ B DATA (Blue)
- ④ SYNC (White)
- ⑤ GND (Black)
- ⑥ DMB IR (Green)
- ⑦ DVD IR (Orange)

*Touch Connect



- ① Y-
- ② X-
- ③ Y+
- ④ X+

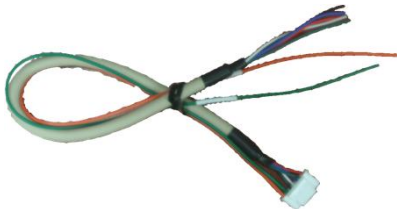
* Rear-power & Front-power
-> Output Current = Max 200mA

6. Product Composition

JEEP 8"Model



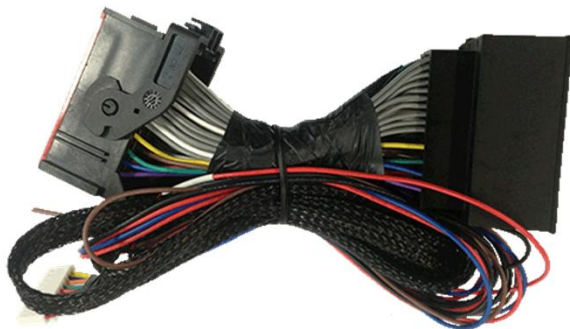
Interface 1 EA



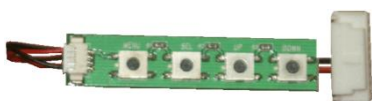
RGB Navi Cable 1 EA



Touch Converter Cable 1 EA



Power Cable 1 EA



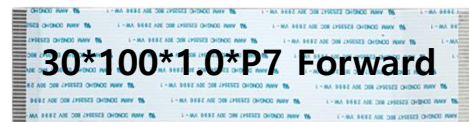
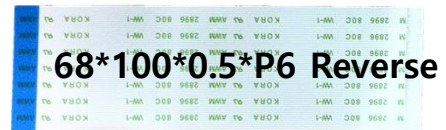
OSD Board 1 EA



SUB Board 1 EA



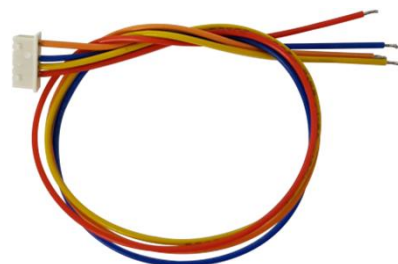
LVDS Cable(800mm) 1 EA



LVDS FFC Cable 2 EA



LVDS Extension Board 1 EA



Touch IN/OUT 4-pin Cable(180mm) 1 EA



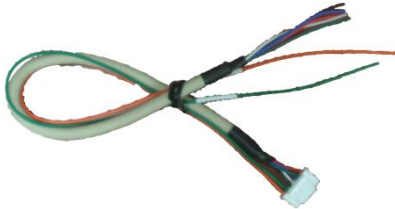
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6. Product Composition

JEEP 7"Model



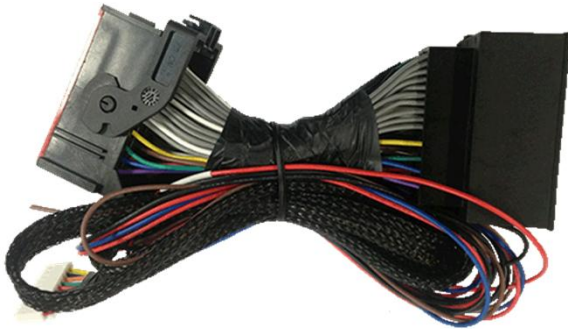
Interface 1 EA



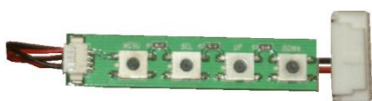
RGB Navi Cable 1 EA



Touch Converter Cable 1 EA



Power Cable 1 EA



OSD Board 1 EA



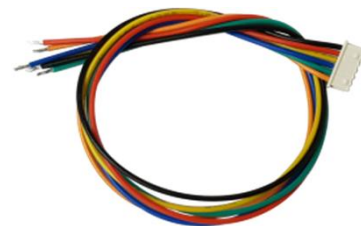
SUB Board 1 EA



LVDS Cable(800mm) 1 EA



LVDS FPC Cable 1 EA



Touch IN/OUT 6-pin Cable(180mm) 1 EA

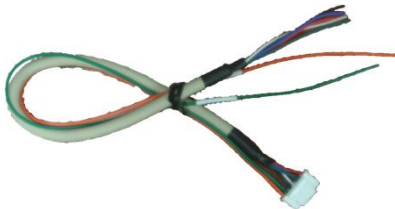


6. Product Composition

Pacifica Model



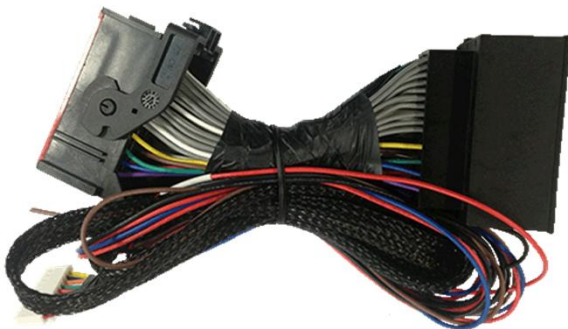
Interface 1 EA



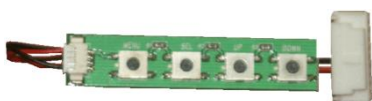
RGB Navi Cable 1 EA



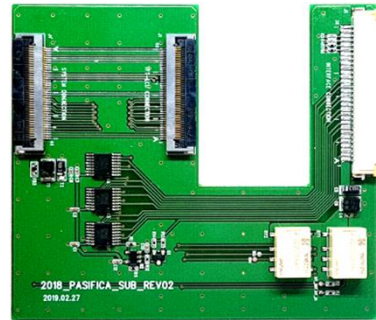
Touch Converter Cable 1 EA



Power Cable 1 EA



OSD Board 1 EA

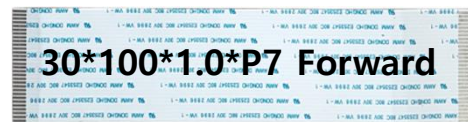


SUB Board 1 EA



LVDS Cable(800mm) 1 EA

40*110*0.5*P7 Forward



LVDS FFC Cable 2 EA



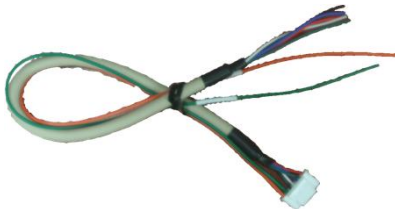
LVDS Extension Board 1 EA

6. Product Composition

Maserati Model



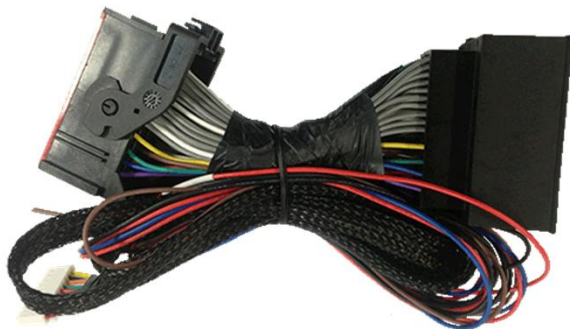
Interface 1 EA



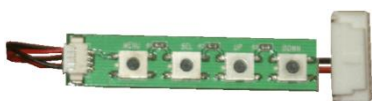
RGB Navi Cable 1 EA



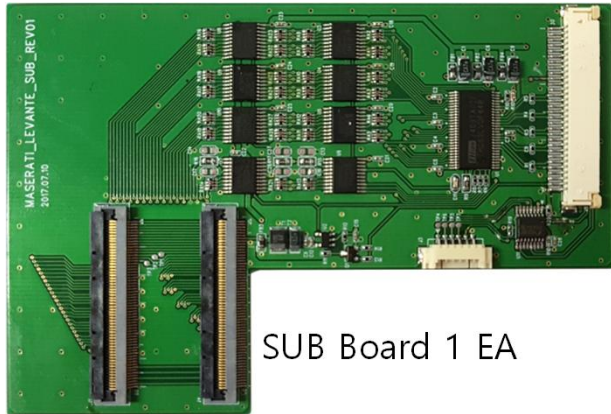
Touch Converter Cable 1 EA



Power Cable 1 EA



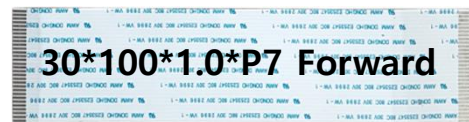
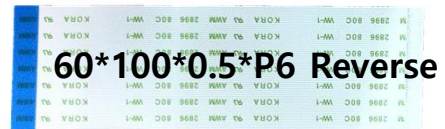
OSD Board 1 EA



SUB Board 1 EA



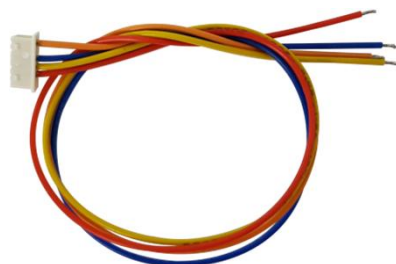
LVDS Cable(800mm) 1 EA



LVDS FFC Cable 2 EA



LVDS Extension Board 1 EA



Touch IN/OUT 4-pin Cable(180mm) 1 EA



6. Product Composition

* CarPlay Set Sales(option) – KPLAY



Interface 1 EA



AUX Cable 1 EA



Power Cable 1 EA



HDMI Cable 1 EA



Bluetooth / Wifi Antenna 2EA



Microphone 1 EA



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6. Product Composition

* CarPlay(NV17) Set Sales(option)



CarPlay Main 1 EA



AUX Cable 1 EA



Power Cable 1 EA



HDMI Cable 1 EA



Microphone 1 EA

7. DIP S/W Setting

* ON : DOWN , OFF : UP

PIN	FUNCTION	DIP S/W Selection
1	NAVI	ON : Not Used OFF : Used
2	DVB-T(AV1)	ON : Not Used OFF : Used
3	DVD(AV2)	ON : Not Used OFF : Used
4	N.C	
5	CAR type SEL	Right Picture
6		
7		
8		

* DIP S/W Example



Pacifica (2018) 7"



Renegade(2018) 7"



Grand Cherokee(2018) 8"
Wrangler(2018) 8"



Dodge Challenger (2018) 8"



Renegade(2018) 8"



Levante(2017) 8"
Quattroporte(2017) 8"
Ghibli(2017) 8"



8. Mode Change

Maserati - Mode Change Button



Press long : switching mode
Press Short : switching to OEM directly

MENU	But ton	NAVI	
Config	Button	On	Off
Option	SteeringChannel	Off	
Image	UI DVB-T(DMB)	On	
Screen	UI DVD	On	
Parking	3D-COMB-REAR	Off	

* To use the "BACK" button You should select "ON" in the above menu. Select "OFF" when not in use

※The screen is switched in order as the pictures below



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8. Mode Change

Maserati – Steeringwheel Button



Press long : switching mode
Press Short : switching to OEM directly

MENU	SteeringWheelBtn		NAVI
Config	FrontCam-Type	ExtDevice	
Option	FrontCam-Power	Auto	
Image	FrontCam-Det	ExtWire	
Screen	FrontCam-RcvOpt	☐ 7s	
Parking	SteeringWheelBtn	On Off	

* To use the Steering button You should select "ON" in the above menu. Select "OFF" when not in use

※The screen is switched in order as the pictures below



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8. Mode Change

JEEP Grand Cherokee(2017) 8" - Mode Change Button



Press long : switching mode
Press Short : switching to OEM directly

MENU	But ton	NAVI
Config	But ton	On Off
Opt ion	Steer ingChannel	Off
Image	UI DVB-T(DMB)	On
Screen	UI DVD	On
Parking	3D-COMB-REAR	Off

* To use the "BACK" button You should select "ON" in the above menu. Select "OFF" when not in use

※The screen is switched in order as the pictures below



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8. Mode Change

JEEP Dodge Challenger (2017) 8" - Mode Change Button



Press long : switching mode
Press Short : switching to OEM directly

MENU	But ton	NAVI
Config	Button	On Off
Option	SteeringChannel	Off
Image	UI DVB-T(DMB)	On
Screen	UI DVD	On
Parking	3D-COMB-REAR	Off

* To use the "BACK" button You should select "ON" in the above menu. Select "OFF" when not in use

※The screen is switched in order as the pictures below

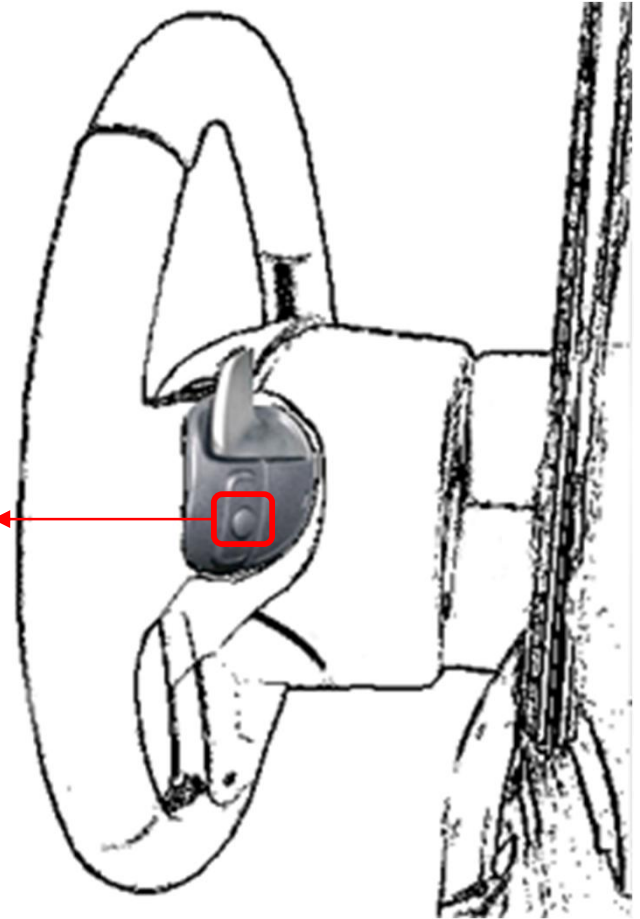


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8. Mode Change

JEEP – Steeringwheel Button

Press long : switching mode
Press Short : switching to OEM directly



MENU	SteeringWheelBtn		NAVI
Config	FrontCam-Type	ExtDevice	
Option	FrontCam-Power	Auto	
Image	FrontCam-Det	ExtWire	
Screen	FrontCam-RcvOpt	☐ 7s	
Parking	SteeringWheelBtn	On Off	

* To use the Steering button You should select "ON" in the above menu. Select "OFF" when not in use

※The screen is switched in order as the pictures below



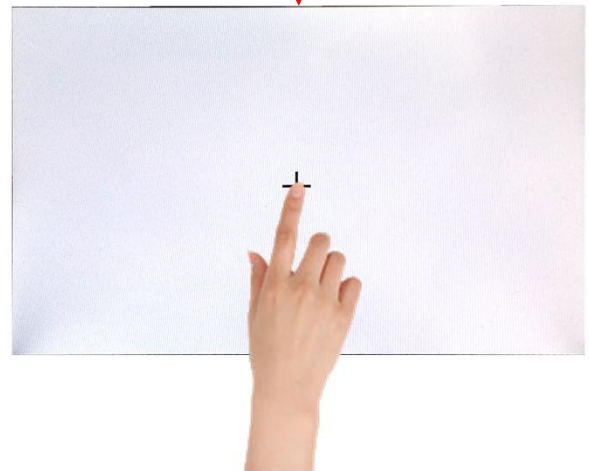
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9. Touch Control

Touch control - Calibration

MENU	RearCam-Det		NAVI
OSD	Factory Reset	Execute	Cancel
IR-Ctrl	Calibration	Execute	Cancel
Utility	Version	BEW3100AUX-210518	

OSD menu -> Utility -> Calibration



+ Touch according to the shape coordinates.

9. Touch Control

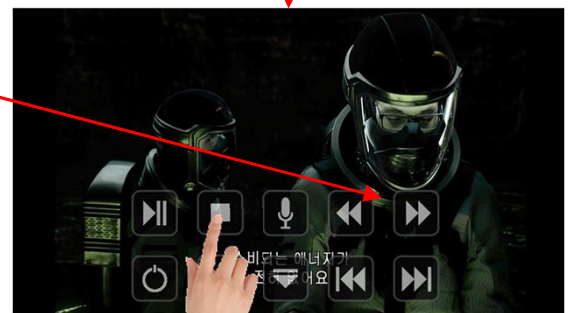
DVB-T/DVD Control

DVB-T



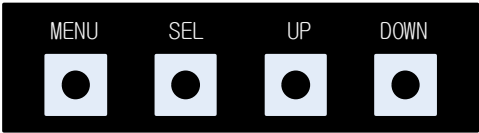
Press Icon

DVD



10. OSD(On Screen Display) Control

OSD control



MENU	Press to display when there is no OSD screen. When OSD screen is on, press it to EXIT or OFF.
SEL	Item Selection, Value Selection
UP	Item up Increase selected value
DOWN	Item down Decrease selected value

Mode State		
MENU	Option	
Config	NAVI COM	KPLAY
Option	RearCam-Type	ExtDevice
Image	RearCam-Power	Auto
Screen	RearCam-Det	CAN
Parking	FrontCam-Type	ExtDevice

First Menu Second Menu Third Menu

10. OSD(On Screen Display) Control

OSD Config

First Menu	Second Menu	Third Menu	Description
Config	NAVI-RGB	DIGITAL-INAVI :	Setting the Connected NAVI Model
	DVB-T(DMB)	ELT_DVBT20 :	Setting the Connected DVB-T Model
	DVD	ELT_980XU Slim :	Setting the Connected DVD Model
	RearCam	AVM VIDEO :	Setting the Connected RearCam Model
	Reset	Execute	Reset to default value of Config menu

MENU	Config NAVI	
Config	NAVI-RGB	DGT-KPLAY-V-1280
Option	DVB-T(DMB)	ELT_DVBT20
Image	DVD	ELT_980XU Slim
Screen	RearCam	AVM
Parking	FrontCam	Default

10. OSD(On Screen Display) Control

OSD - Option Menu

First Menu	Second Menu	Third Menu	Description
Option	RearCam-Type	OEM	Original Camera
		ExtDevice	Equipped with external camera
	RearCam-Power	ON	+ 12V continuous supply
		AUTO	+ 12V supply only in Rear camera mode
		OFF	+ 12V off
	RearCam-Det	GEAR	Detected by CAN
		WIRE	Detected by Rear-Det Wire
	AV Mode	ON	Use "REAR" video input port as VIDEOE input.
		OFF	Do not use features.
	FrontCam-Type	OEM	Original Camera
		ExtDevice	Equipped with external camera
	FrontCam-Power	ON	+ 12V continuous supply
		AUTO	+ 12V supply only in Front camera mode
		OFF	+ 12V off
	FrontCam-Det	GEAR	Detected by CAN
		WIRE	Detected by Front-Det Wire
	FrontCam-RcvOpt	ON	After RearCam shows FrontCam and returns to previous state
		OFF	Disable feature



10. OSD(On Screen Display) Control

OSD - Option Menu

First Menu	Second Menu	Third Menu	Description
Option	SteeringWheel Btn	ON	Switching screen using Steering wheel button.
		OFF	Do not use features.
	BUTTON	ON	Switching screen using "BACK" or "SCREEN OFF" button.
		OFF	Do not use features.
	UI DVB-T (DMB)	ON	DVB-T device control UI output function
		OFF	Disable feature
	UI DVD	ON	DVD device control UI output function
		OFF	Disable feature
	3D-COMB-REAR	ON	Improve the image quality of the rear camera installed.
		OFF	Do not use features.
	NAVI COM	HMS FINE :	Set up manufacturer of woodworking device for UART Touch use
		OFF	Do not use features.
	Reset	Execute	Option Menu all Reset



10. OSD(On Screen Display) Control

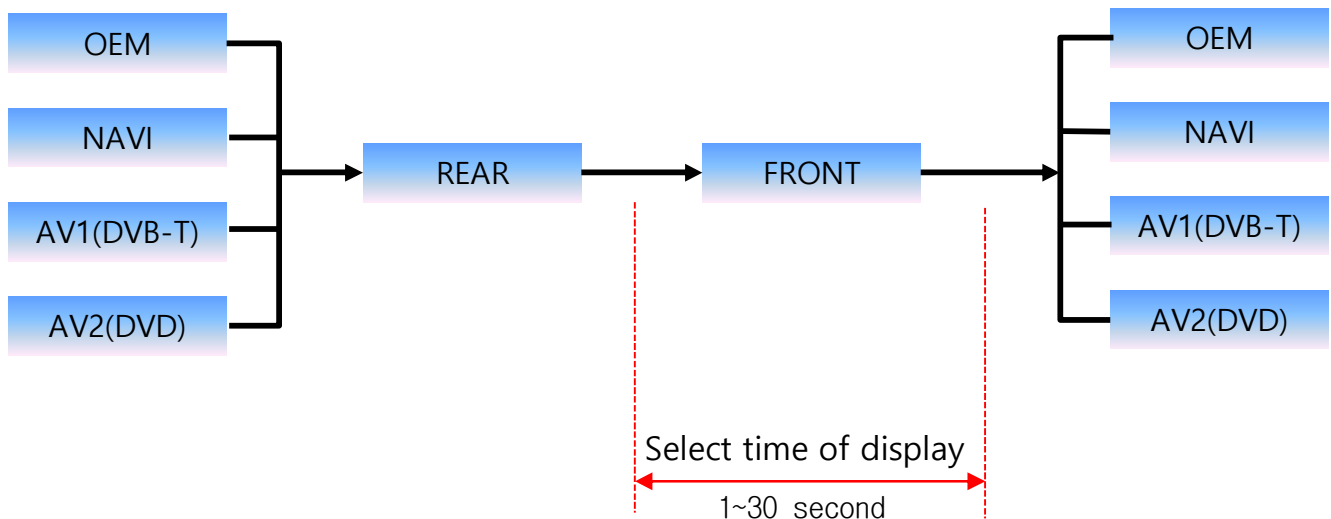
OSD Option -> FrontCam-RcvOpt

Front Camera Auto Mode

0 second = FrontCam-RcvOpt menu OFF
1~30 second = FrontCam-RcvOpt menu ON & time control

MENU↵	FrontCam-Det NAVI	
Config↵	FrontCam-Power↵	Auto↵
Option↵	FrontCam-Det↵	ExtDevice↵
Image↵	FrontCam-RcvOpt↵	0s↵
Screen↵	UI DVB-T(DMB)↵	On↵
Parking↵	UI DVD↵	On↵

MENU↵	FrontCam-Det NAVI	
Config↵	FrontCam-Power↵	Auto↵
Option↵	FrontCam-Det↵	ExtDevice↵
Image↵	FrontCam-RcvOpt↵	30s↵
Screen↵	UI DVB-T(DMB)↵	On↵
Parking↵	UI DVD↵	On↵



10. OSD(On Screen Display) Control

NAVI-RGB menu

First Menu	Second Menu	Third Menu	Action
Image	Brightness		Adjust the value of brightness
	Contrast		Adjust the value of contrast
	Color-RED		Adjust the value of RED
	Color-GREEN		Adjust the value of GREEN
	Color-BLUE		Adjust the value of BLUE
	Reset	Excute	Option Menu all Reset

DVD,DVB-T(DMB),NAVI-AV,REAR,FRONT menu

First Menu	Second Menu	Third Menu	Action
Image	Brightness		Adjust the value of brightness
	Contrast		Adjust the value of contrast
	Saturation		Adjust the value of Saturation
	Hue		Adjust the value of Hue
	Sharpness		Adjust the value of Sharpness
	Reset	Excute	Option Menu all Reset



< < Brightness > >



< < Contrast > >



< < Saturation > >

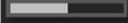


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10. OSD(On Screen Display) Control

OSD – Screen Menu

First Menu	Second Menu	Third Menu	Description
Screen	Horizontal		Output screen horizontal movement
	Vertical		Output screen vertical movement
	Scale X Up		Reduce / increase output screen width
	Scale X Down		
	Scale Y Up		Reduce / Increase Output Screen Height
	Scale Y Down		
	Reset		Screen menu all reset

MENU	Config	NAVI
Config	Horizontal	 50
Option	Vertical	 50
Image	Scale X Up	 50
Screen	Scale X Down	 50
Parking	Scale Y Up	 50



10. OSD(On Screen Display) Control

OSD – Parking Menu

First Menu	Second Menu	Third Menu	Description
Parking	OPS Display	ON	Show OPS
		OFF	Do not show OPS
	Line Display	ON	Show parking line
		OFF	Do not show parking lines
	Grid Type	Full	Do not show OPS
		SPLIT	Show OPS
	Warnings Lang		Set warning text language
	Horizontal		Moving a parking line horizontally
	Vertical		Moving a parking line vertically
	Transparency		Parking line transparency
	Reset		Parking menu all reset

MENU	Line Display REAR	
Config	OPS Display	On
Option	Line Display	On Off
Image	Warnings Lang	English
Screen	Horizontal	0
Parking	Vertical	0



10. OSD(On Screen Display) Control

OSD Parking – OPS Display On / Off

MENU	OPS Display		REAR
Config	OPS Display	On	Off
Option	Line Display	On	
Image	Warnings Lang	English	
Screen	Horizontal	0	
Parking	Vertical	0	



OPS ON Screen

MENU	OPS Display		REAR
Config	OPS Display	On	Off
Option	Line Display	On	
Image	Warnings Lang	English	
Screen	Horizontal	0	
Parking	Vertical	0	



OPS OFF Screen

OSD Parking – Guide line On / Off

MENU	Line Display		REAR
Config	OPS Display	On	
Option	Line Display	On	Off
Image	Warnings Lang	English	
Screen	Horizontal	0	
Parking	Vertical	0	



Parking Line ON Screen

MENU	Line Display		REAR
Config	OPS Display	On	
Option	Line Display	On	Off
Image	Warnings Lang	English	
Screen	Horizontal	0	
Parking	Vertical	0	



Parking Line OFF Screen



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10. OSD(On Screen Display) Control

OSD Parking – Change warning language

MENU↵	Line Display	REAR
Config↵	OPS Display↵	English↵
Option↵	Line Display↵	中文↵
Image↵	Warnings Lang↵	한국어↵
Screen↵	Horizontal↵	日本↵
Parking↵	Vertical↵	Р о с с и я↵

English

Check entire surroundings!

中文

请注意车辆周围环境!

한국어

차량 주변을 전부 확인

台灣

請注意車輛周圍環境!

Р о с с и я

Следите за всем окружением автомобиля!

日本

周辺の安全を確認



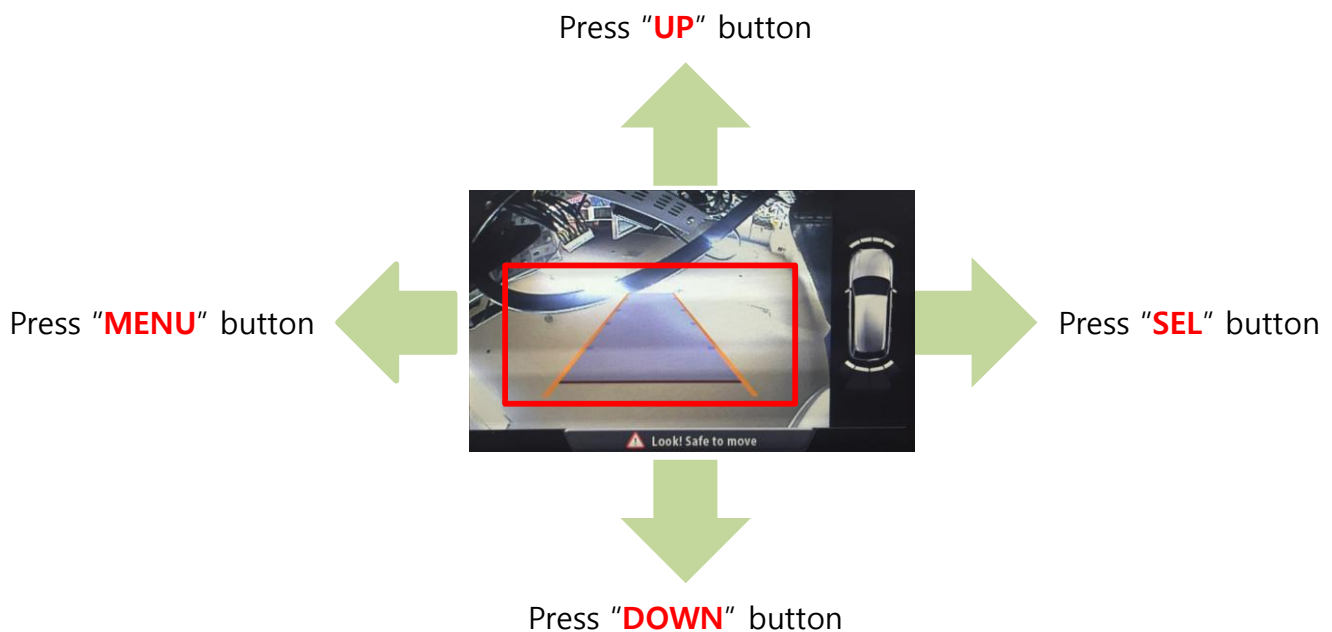
10. OSD(On Screen Display) Control

OSD Parking – Adjust position of parking guide line

MENU	Parking REAR	
Config	OPS Display	On
Option	Line Display	Off
Image	Warnings Lang	English
Screen	Horizontal	0
Parking	Vertical	0

Possible to adjust the position of parking guide line
by Keypad in Horizontal / Vertical menu

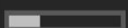
※ Pressing this Horizontal / Vertical menu,
The OSD screen automatically disappears.
Please adjust from the parking line Screen.



10. OSD(On Screen Display) Control

OSD – OSD Menu

First Menu	Second Menu	Third Menu	Description
OSD	Horizontal	<i>value</i>	OSD Menu Horizontal Shift
	Vertical	<i>value</i>	OSD menu vertical Shift
	Display Time	<i>value</i>	OSD Menu Display Time (in seconds)
	Transparency	<i>value</i>	OSD menu transparency
	Language		OSD menu display language
	Reset	Execute	Initialize OSD settings

MENU	Horizontal NAVI	
OSD	Horizontal	 50
IR-Ctrl	Vertical	 50
Utility	Display Time	 10s
	Transparency	 30
	Language	English

MENU	Reset NAVI	
OSD	Reset	Execute Cancel
IR-Ctrl		
Utility		



10. OSD(On Screen Display) Control

OSD – IR learning function



* In order to work with the IR learning function, a separate IR cable is required.

MENU	DVB-T(DMB)	NAVI
OSD	DVB-T(DMB)	Sel Learn Cance
IR-Ctrl	DVD	Sys
Utility	DVR	Sys

1. In DVB-T / DVD menu, select User in Sys (OSD list) or User (learned contents).
2. Select Learn from the OSD menu.

↓

MENU	DVB-T(DMB)	NAVI
OSD	All-Clear	
IR-Ctrl	POWER	---
Utility	SCAN	---
	CH+	---
	CH-	---

3. Before using IR learning function, select All-Clear to delete existing stored data.

↓

MENU	DVB-T(DMB)	NAVI
OSD	New Code: ----	
IR-Ctrl	Cfm Code: ----	
Utility	Save Clr Cance	

4. Press the remote control button to be used in each ICON once in New Code, press once again in Cfm Code to confirm it is the same and save it.

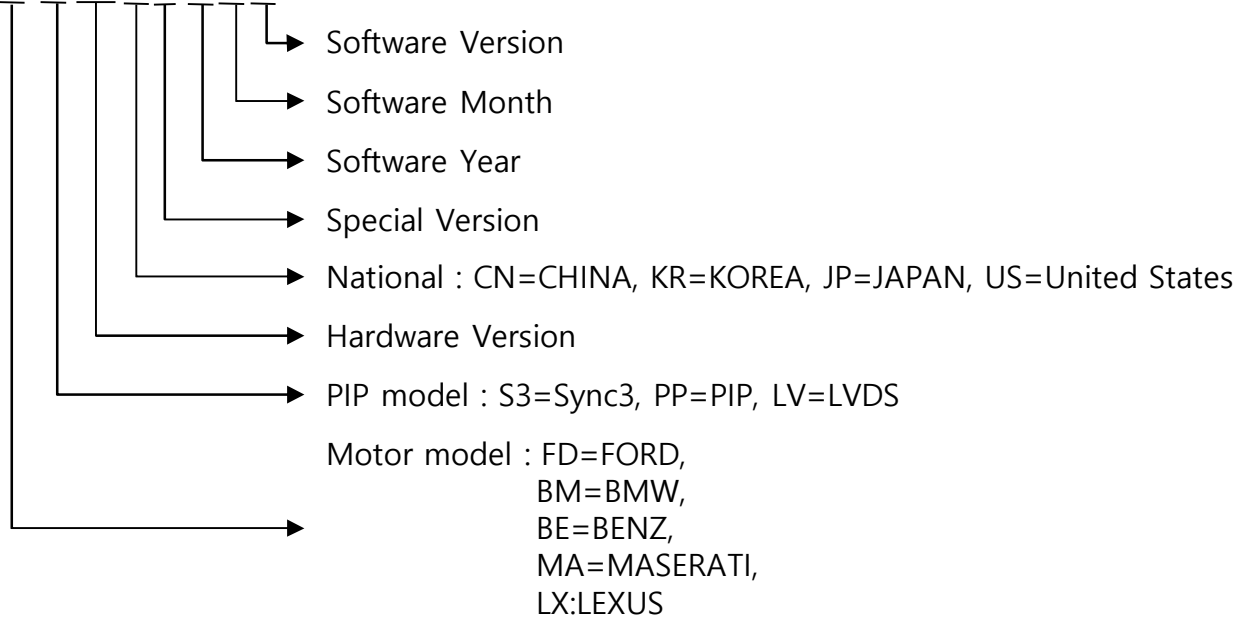


10. OSD(On Screen Display) Control

OSD – Utility Menu

First Menu	Second Menu	Third Menu	Description
Utility	Factory Reset	Execute	Initialize all settings
	Calibration	Execute	Calibration mode Execute
	Version		FDSYOOKRX-180209 (Check for future upgrades)

Last Source : FDSYOOKRX-180209

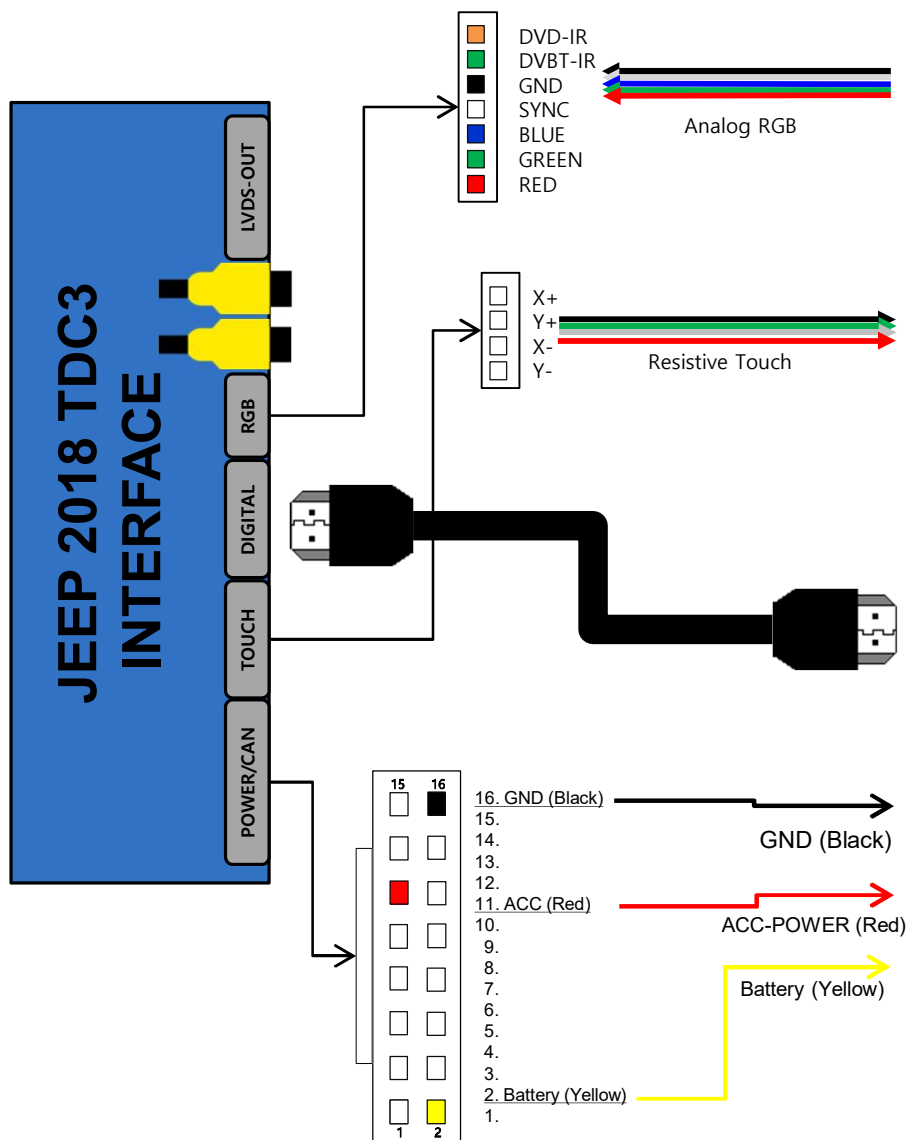


MENU	Utility	NAVI
OSD	Factory Reset	Execute Cancel
IR-Ctrl	Calibration	Execute Cancel
Utility	Version	BEW3100AUX-210518



11. Install Manual

1. Installation Navigation Connection



*Analog RGBsync navigation



KD-900

*Digital navigation



Roik, Qroi

MENU	NAVI-RGB	NAVI
Config	NAVI-RGB	DGT-NV17-800
Option	DVB-T(DMB)	DGT-NV17-V-800
Image	DVD	DGT-KPLAY-800
Screen	RearCam	DGT-KPLAY-1280
Parking	FrontCam	DGT-KPLAY-V-1280

MENU	FrontCam-Type	NAVI
Config	NAVI COM	OFF
Option	RearCam-Type	GU
Image	RearCam-Power	KPLAY
Screen	RearCam-Det	NV17
Parking	FrontCam-Type	NVC

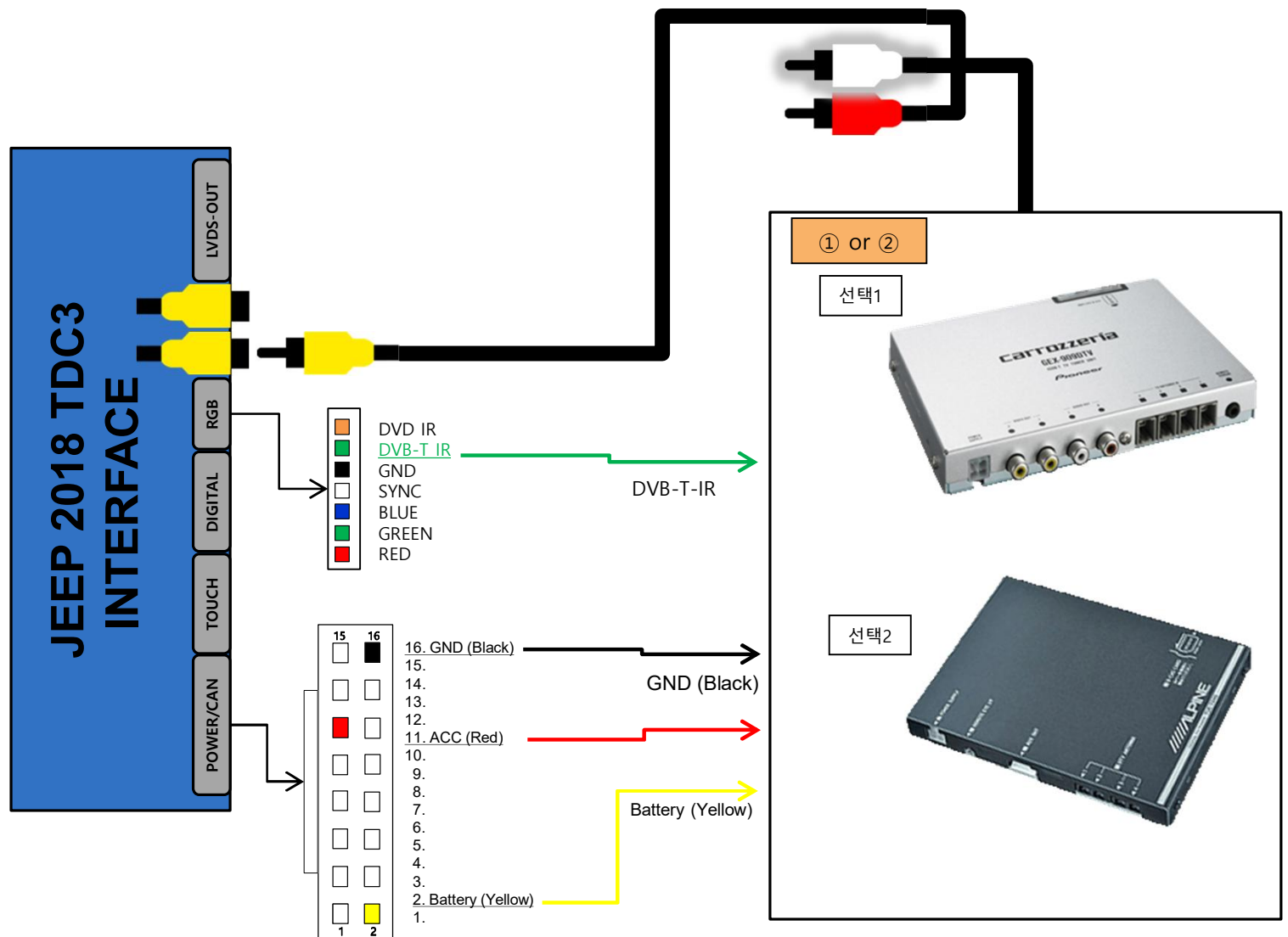
- Select the navigation you want to use from the above items.



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11. Install Manual

2. Installation DVB-T Remote Control Connection



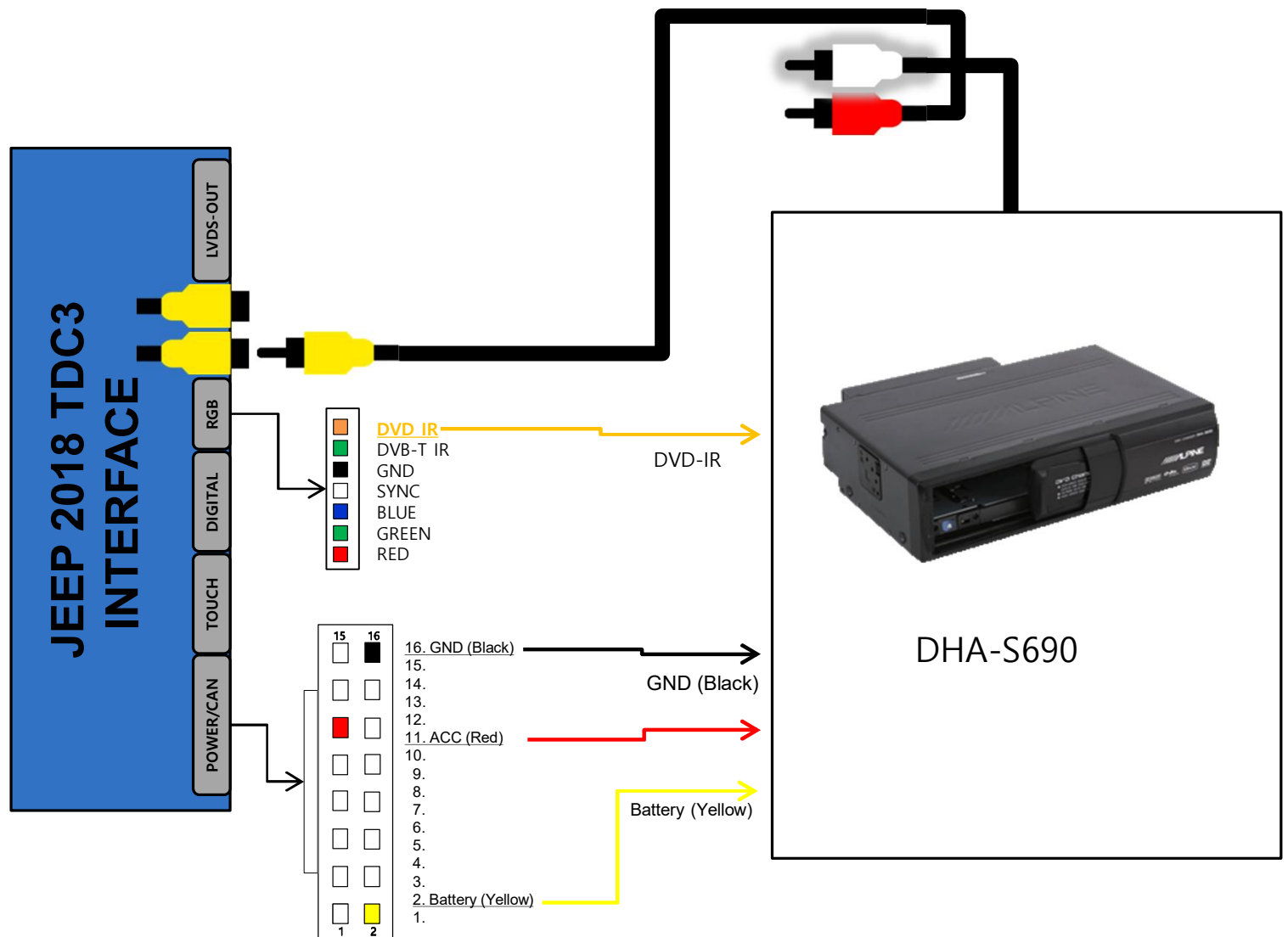
MENU	UI DVB-T(DMB)	NAVI
Config	FrontCam-Power	Auto
Option	FrontCam-Det	ExtWire
Image	FrontCam-RcvOpt	0s
Screen	SteeringWheelBtn	Off
Parking	UI DVB-T(DMB)	On Off

MENU	DVB-T(DMB)	NAVI
Config	NAVI-RGB	ELT_DVBT20
Option	DVB-T(DMB)	NET-770
Image	DVD	MediaLife
Screen	RearCam	Panasonic
Parking	FrontCam	Pioneer

- Select the DVB-T you want to use from the above items.

11. Install Manual

3. Installation DVD Remote Control Connection

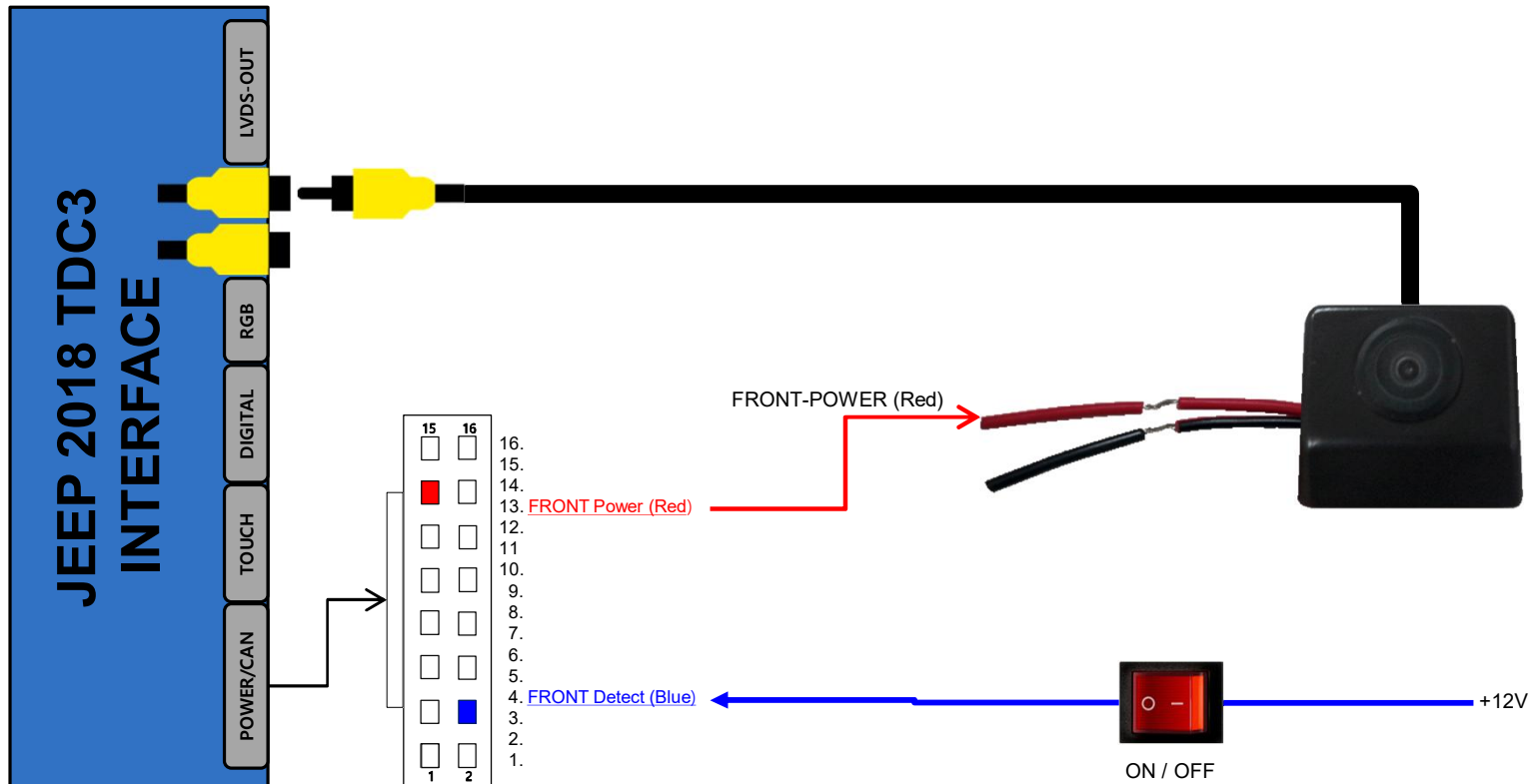


MENU	Option	NAVI	MENU	DVD	NAVI
Config	UI DVD	On Off	Config	NAVI-RGB	ELT-980XU Slim
Option	ScrChg-Climate	Off	Option	DVB-T(DMB)	LCKT
Image	Reset	Execute Cancel	Image	DVD	Sanyo
Screen			Screen	RearCam	NECVOX DVA-3206
Parking			Parking	FrontCam	AMPIRE DVX-101

- Select the DVD you want to use from the above items.

11. Install Manual

4. Installation External Front Camera Connection



MENU	FrontCam NAVI	
Config	NAVI-RGB	AVM
Option	DVB-T(DMB)	DIGITAL-NVC
Image	DVD	Default
Screen	RearCam	
Parking	FrontCam	

MENU	FrontCam-RcvOpt NAVI	
Config	FrontCam-Power	Auto
Option	FrontCam-Det	ExtWire
Image	FrontCam-RcvOpt	0s
Screen	SteeringWheelBtn	Off
Parking	UI DVB-T(DMB)	On

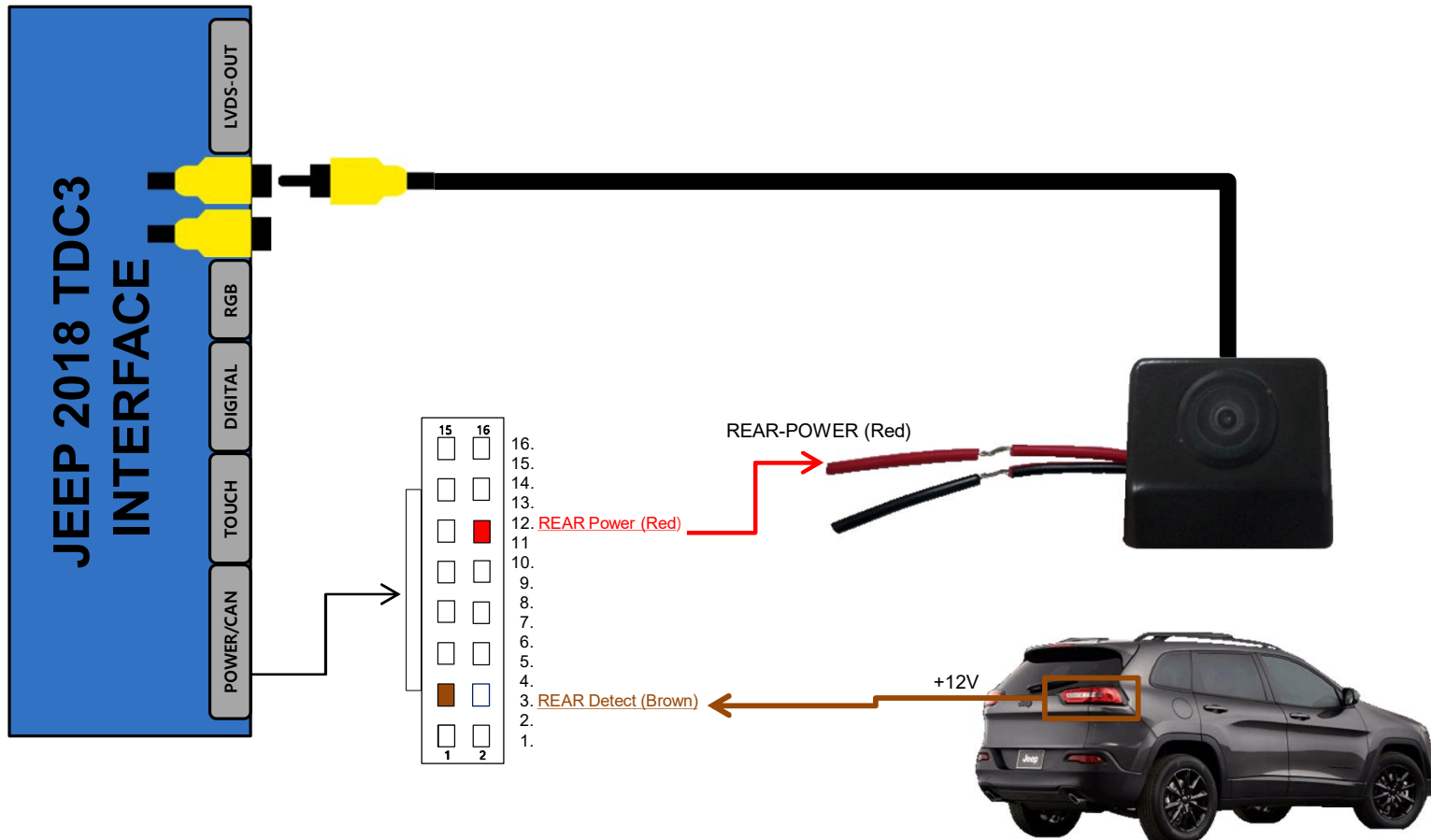
- Refer to page. 10. OSD (On Screen Display) Control -> OSD option -> FrontCam-RcvOpt.

MENU	AV Mode NAVI	
Config	NAVI COM	NVC
Option	RearCam-Type	ExtDevice
Image	RearCam-Power	Off
Screen	RearCam-Det	CAN
Parking	AV Mode	On Off

- When AV mode is activated, the Front camera can be viewed using the Mode change button..

11. Install Manual

5. Installation External Reverse(Rear) Camera Connection



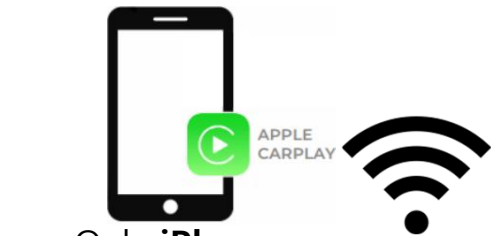
MENU	RearCam		REAR
Config	NAVI-RGB	AVM	
Option	DVB-T(DMB)	DIGITAL-NVC	
Image	DVD	Default	
Screen	RearCam		
Parking	FrontCam		

- Select the RearCam you want to use from the above items.

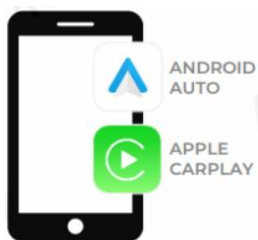
11. Install Manual

6. Installation CarPlay - KPLAY

* When installing CarPlay, set it to OSD MENU-OPTION-NAV COM-KPLAY.



Only **iPhone**
Wireless connection



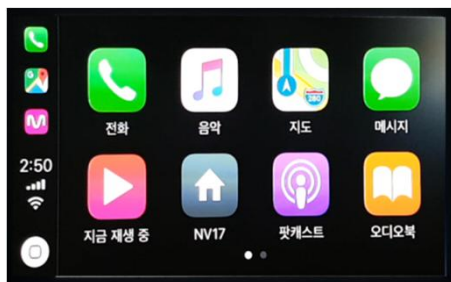
Smartphone (Android / iPhone)
Cable connection



Microphone

AUX

3.5pie aux cable



Screen

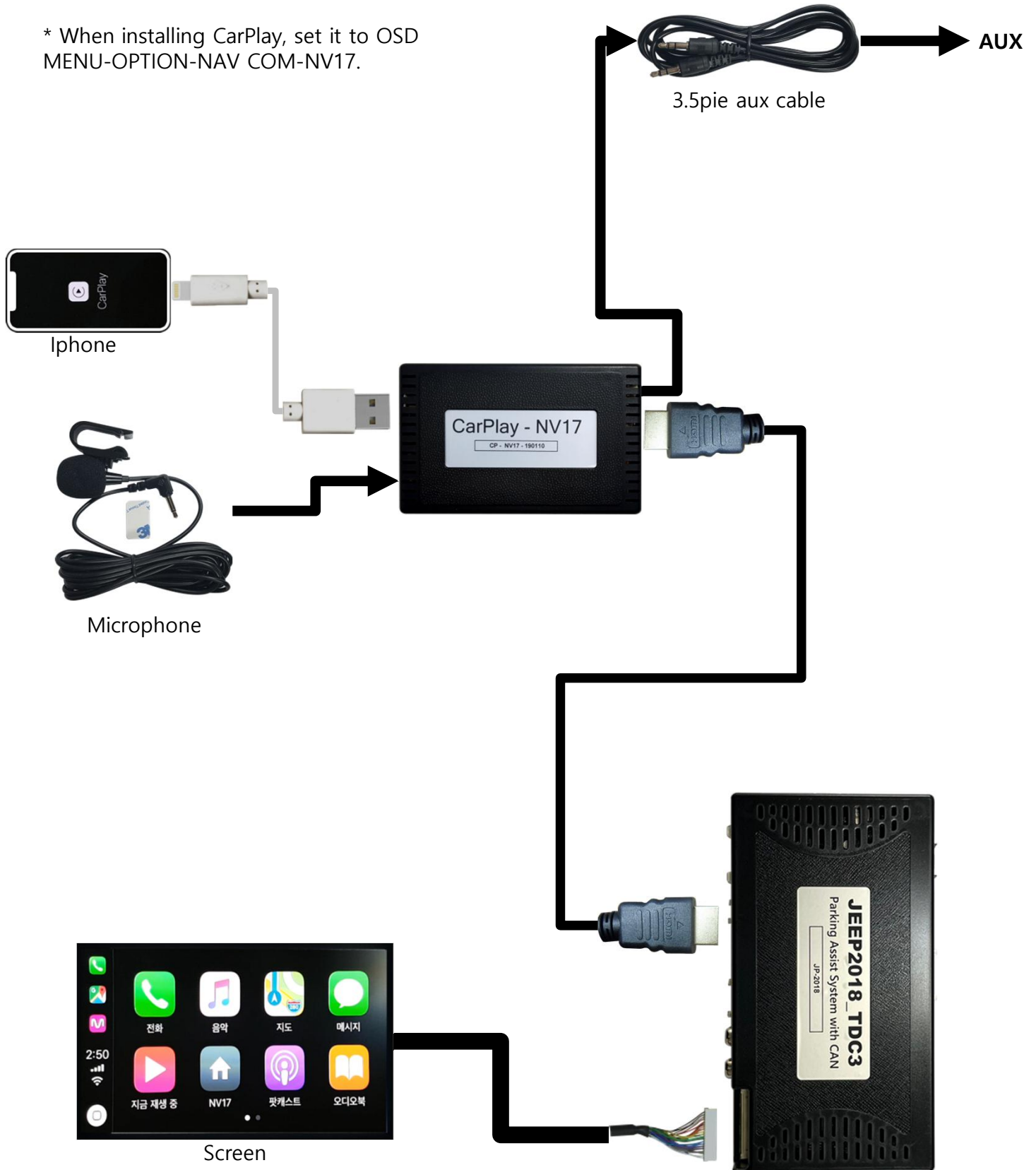


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11. Install Manual

7. Installation CarPlay – NV17

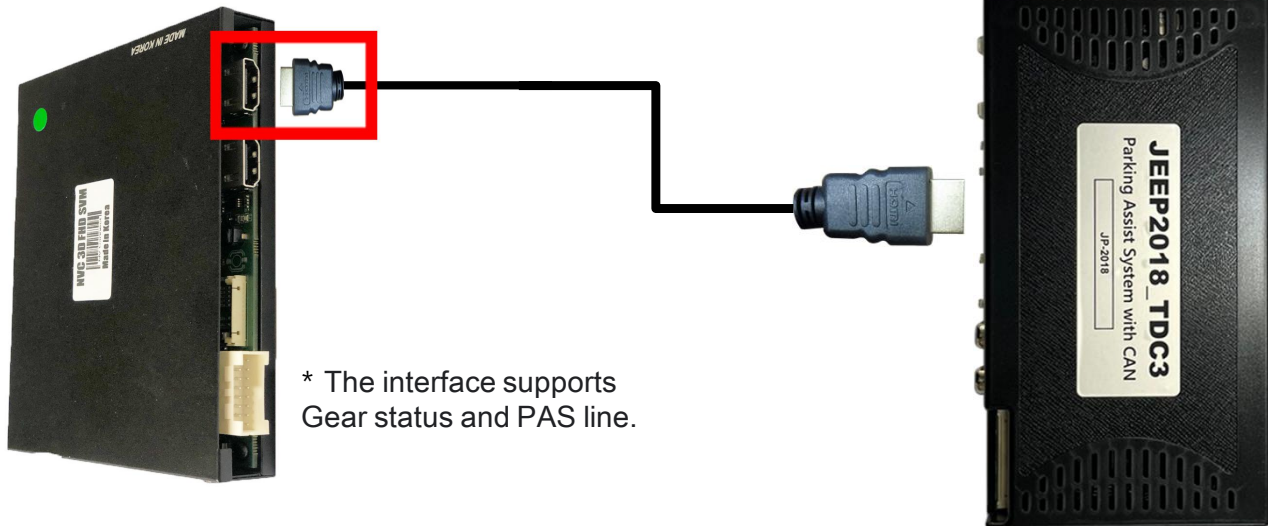
* When installing CarPlay, set it to OSD MENU-OPTION-NAV COM-NV17.



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11. Install Manual

8. Installation Around View – NV8000 SVM



MENU	RearCam NAVI	
Config	NAVI-RGB	VIDEO-AVM
Option	DVB-T(DMB)	DIGITAL-NVC
Image	DVD	DIGITAL-AVM
Screen	RearCam	HDMI-720P60HZ
Parking	FrontCam	Default

MENU	NAVI-COM NAVI	
Config	NAVI COM	FINE
Option	RearCam-Type	NVC
Image	RearCam-Power	LD900
Screen	RearCam-Det	KD900
Parking	AV Mode	MYVI

MENU	FrontCam NAVI	
Config	NAVI-RGB	VIDEO-AVM
Option	DVB-T(DMB)	DIGITAL-NVC
Image	DVD	DIGITAL-AVM
Screen	RearCam	Default
Parking	FrontCam	

MENU	RearCam-Type NAVI	
Config	NAVI COM	NVC
Option	RearCam-Type	OEM ExtDevice
Image	RearCam-Power	Off
Screen	RearCam-Det	CAN
Parking	AV Mode	On

MENU	FrontCam-RcvOpt NAVI	
Config	FrontCam-Type	ExtDevice
Option	FrontCam-Power	Auto
Image	FrontCam-Det	ExtWire
Screen	FrontCam-RcvOpt	7s
Parking	SteeringWheelBtn	On

MENU	RearCam-Det NAVI	
Config	NAVI COM	NVC
Option	RearCam-Type	ExtDevice
Image	RearCam-Power	Off
Screen	RearCam-Det	CAN WIRE Off
Parking	AV Mode	On

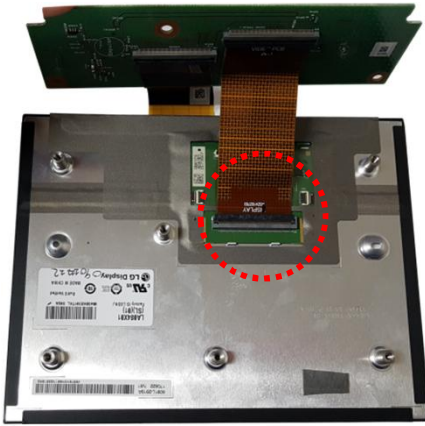
MENU	SteeringWheelBtn NAVI	
Config	FrontCam-Type	ExtDevice
Option	FrontCam-Power	Auto
Image	FrontCam-Det	ExtWire
Screen	FrontCam-RcvOpt	7s
Parking	SteeringWheelBtn	On Off

MENU	AV Mode NAVI	
Config	NAVI COM	NVC
Option	RearCam-Type	ExtDevice
Image	RearCam-Power	Off
Screen	RearCam-Det	CAN
Parking	AV Mode	On Off



11. Install Manual

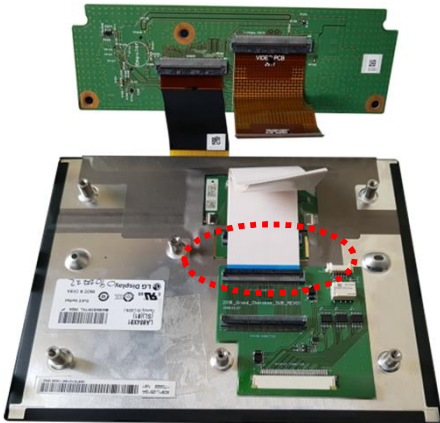
8. Installation – JEEP 8" LVDS FPC cable connection



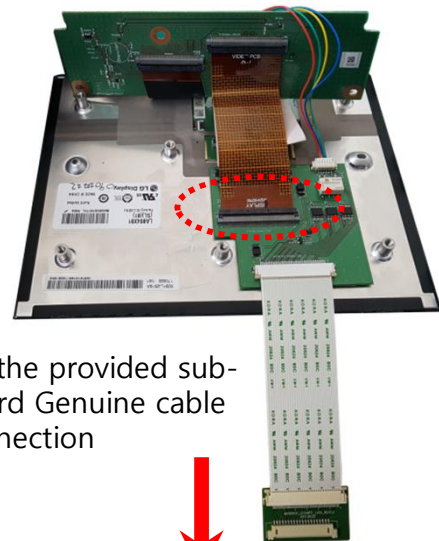
Original FPC cable removal



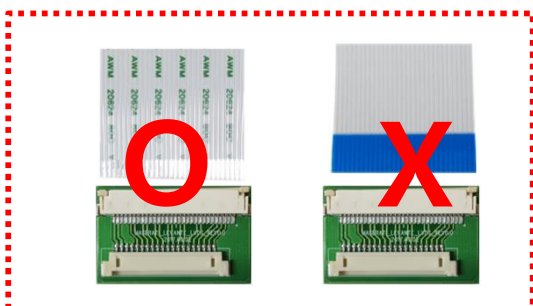
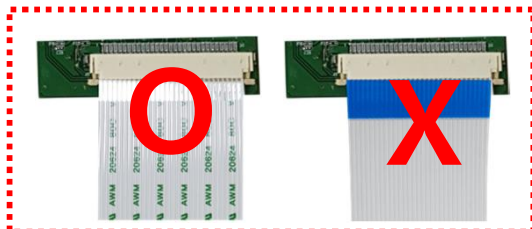
Where the original FPC cable is removed
Connecting the Supplied FFC Cable
(Connect so that the blue part is visible)



On the provided sub-board Connecting the
Supplied FFC Cable
(Connect so that the blue part is visible)



On the provided sub-board Genuine cable
connection



Connect blue invisibly.



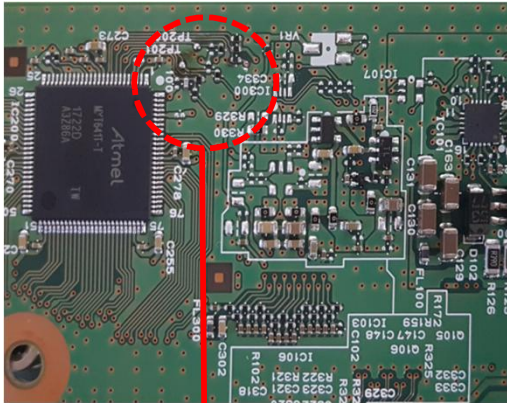
GU Electronic

11. Install Manual

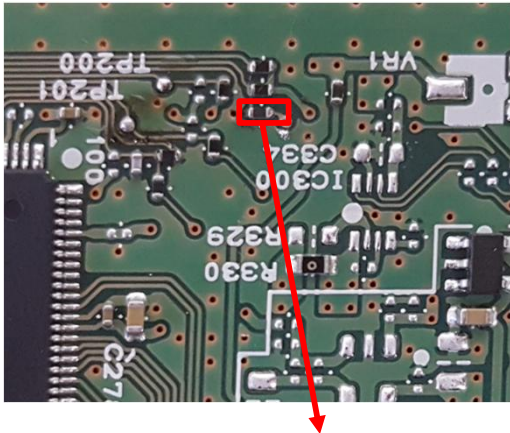
9. Installation – JEEP 8" Touch in/out cable connection

Perform this operation only when using navigation (for touch use).

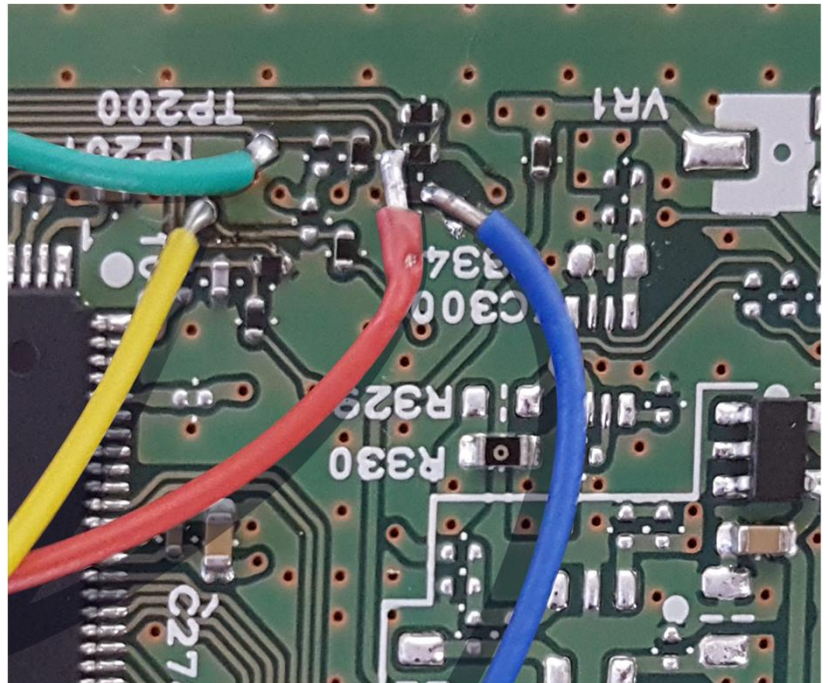
Do not do this when using only the rear camera



Closeup



Remove one resistor (22 ohm).



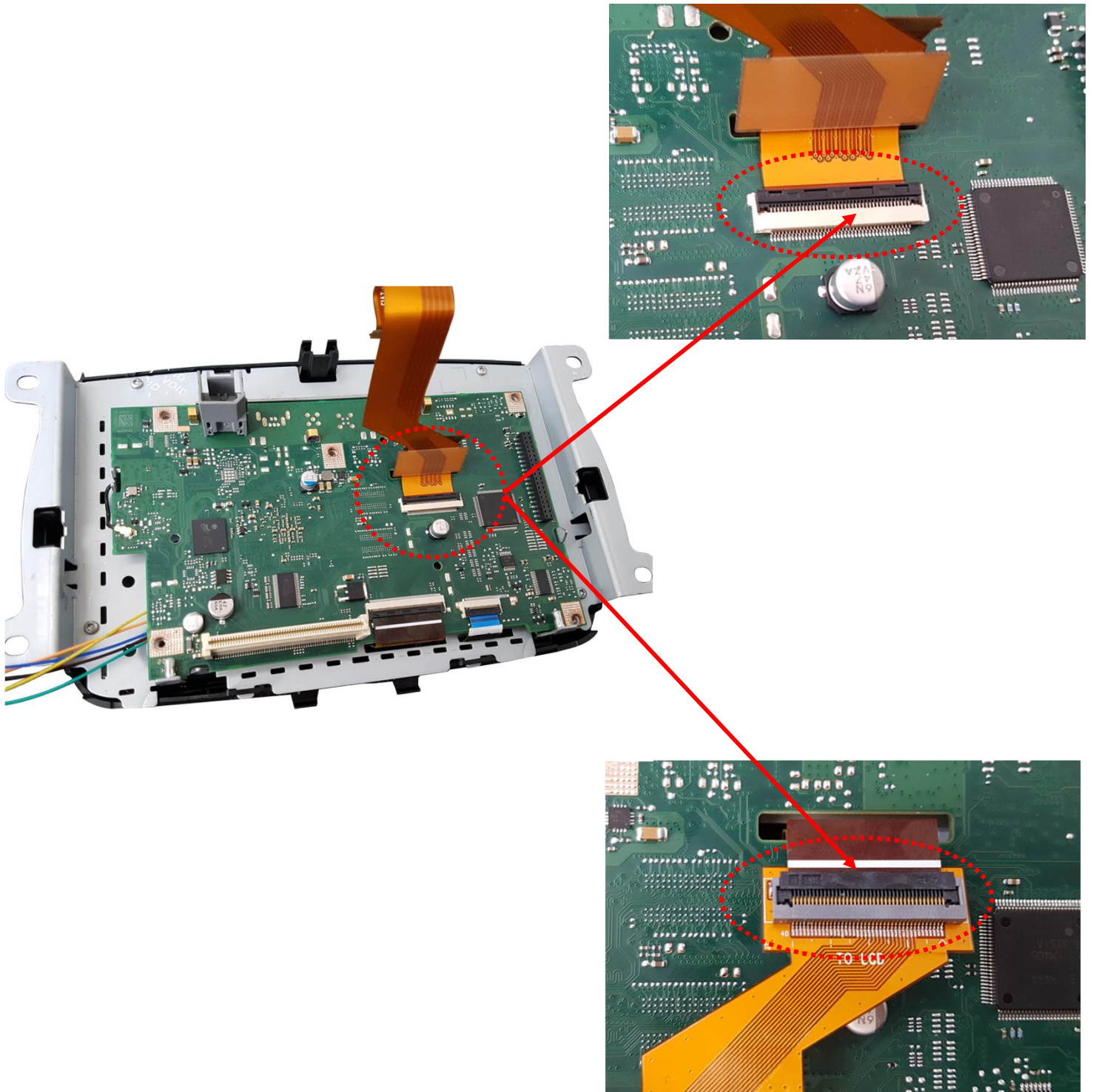
Solder to the same color location as the supplied cable.



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11. Install Manual

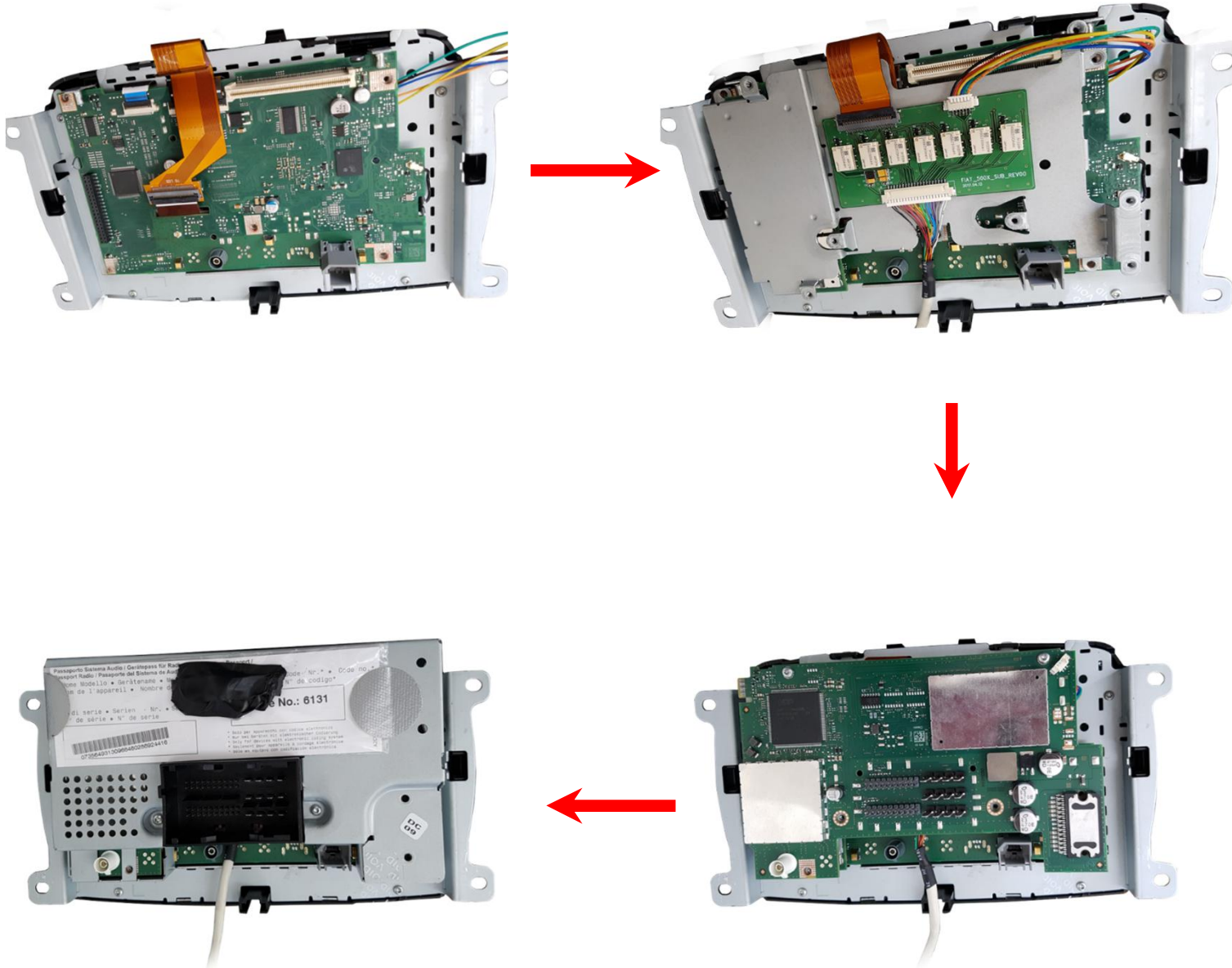
10. Installation – JEEP 7" LVDS FPC cable connection



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11. Install Manual

10. Installation – JEEP 7" LVDS FPC cable connection

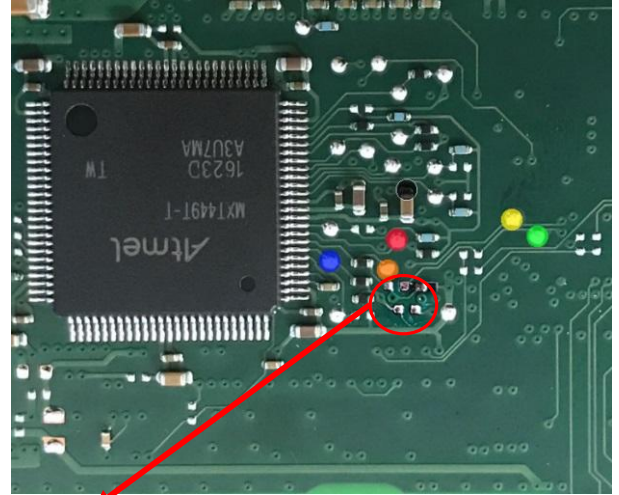


11. Install Manual

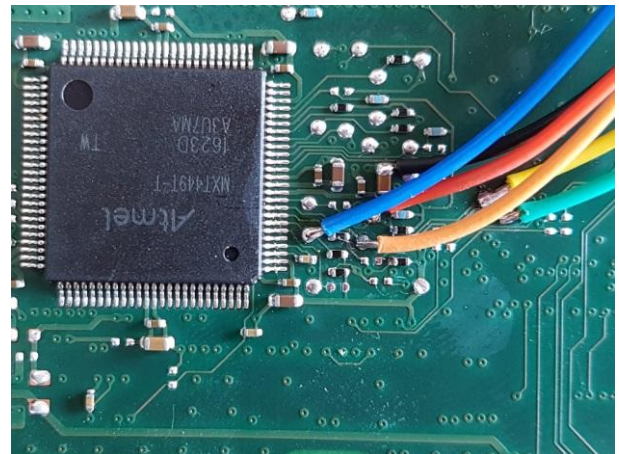
11. Installation – JEEP 7" Touch in/out cable connection

Perform this operation only when using navigation (for touch use).

Do not do this when using only the rear camera



Remove one resistor



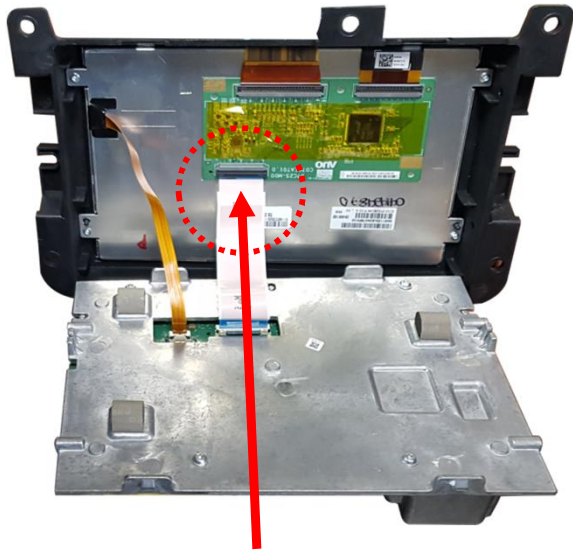
Solder to the same color location as the supplied cable.



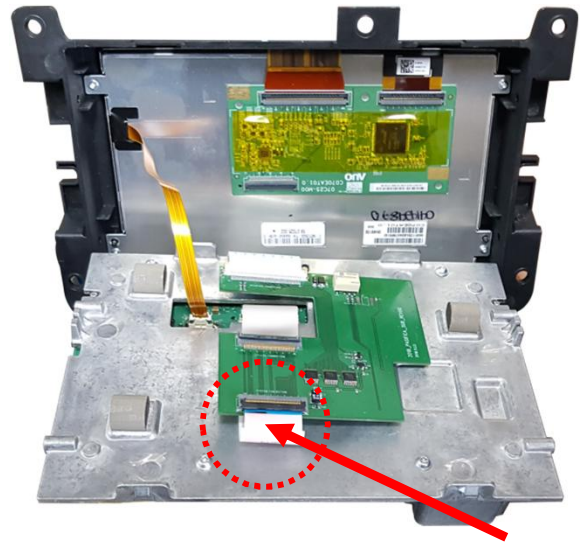
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11. Install Manual

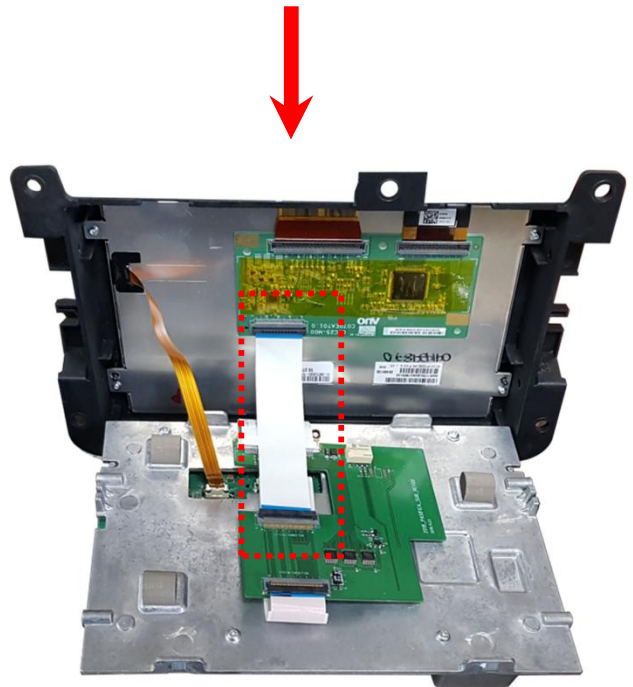
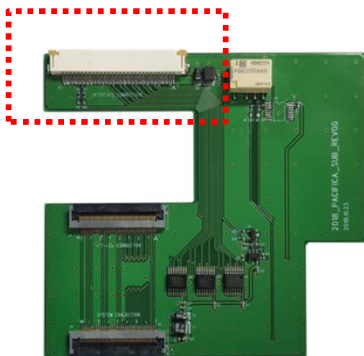
12. Installation – Pacifica 7" LVDS FPC cable connection



Original FPC cable removal



On the provided sub-board Genuine cable connection



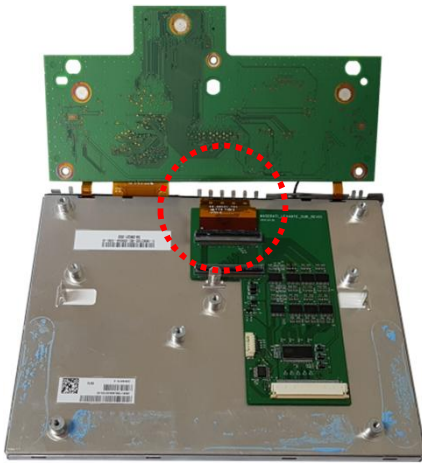
Where the original FPC cable is removed
Connecting the Supplied FFC Cable
(Connect so that the blue part is visible)



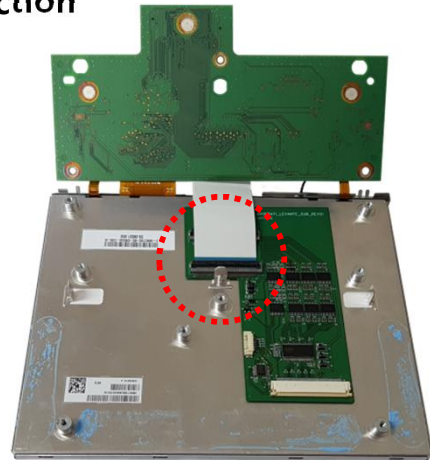
GU Electronic

11. Install Manual

13. Installation – Maserati 8" LVDS FPC cable connection



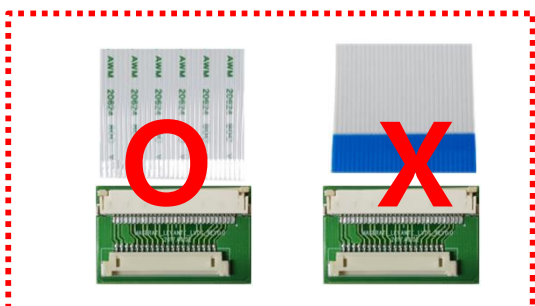
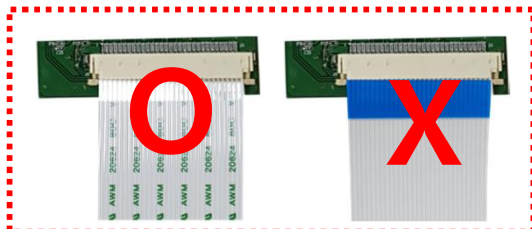
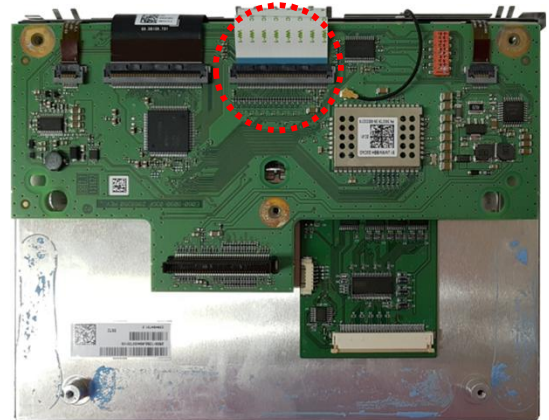
Original FPC cable removal



Where the original FPC cable is removed
Connecting the Supplied FFC Cable
(Connect so that the blue part is visible)



On the provided sub-board Connecting the
Supplied FFC Cable
(Connect so that the blue part is visible)



Connect blue invisibly.



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12. Q & A

FAQ

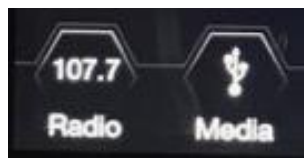
1. Not possible to switch mode
 - Check connection of OSD Key pad wire
 - Check CAN connection
2. Display wrong size of picture
 - Check Dip s/w setting
3. Display black screen in OEM mode
 - Check connection of LVDS/LCD cable
4. Not possible to switch to rear screen
 - Check the packing setting (OSD Menu – option – RearCam-Det)
5. How to identify the interface



CTP system : ex) CHRYSLER 300C 2011~2015
DODGE Journey 2011~
FIAT Freemont 2013~
Maserati Quattroporte 2014~2016
Maserati Ghibli 2014~2016



CIP system : ex) 2014 JEEP Grand Cherokee



2018 JEEP Grand Cherokee
Renegade

Caution

1. The device must not be installed in where it interferes driving
(close to brake pedal, steering wheel, airbag etc.)
2. LVDS cable must be connected correctly according to the manual
3. Insulate the end of wire by using electrical tape
4. The installation should be done by expert
5. GU electronic does not take any responsibility for any problem caused by wrong installation