JEEP 2018 TDC3

- MODEL : JP-2018-180704

- DATE : 2020.12.03

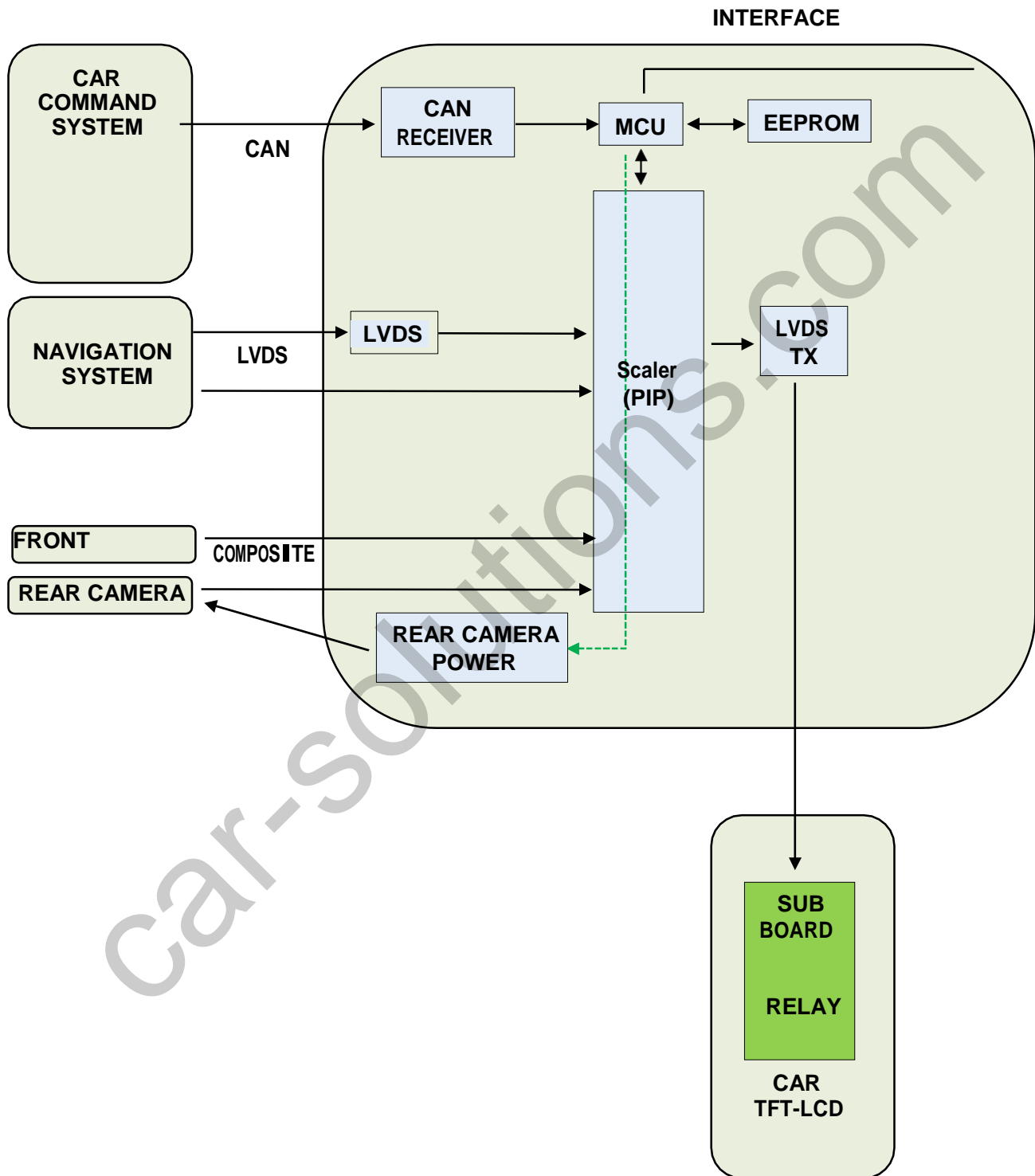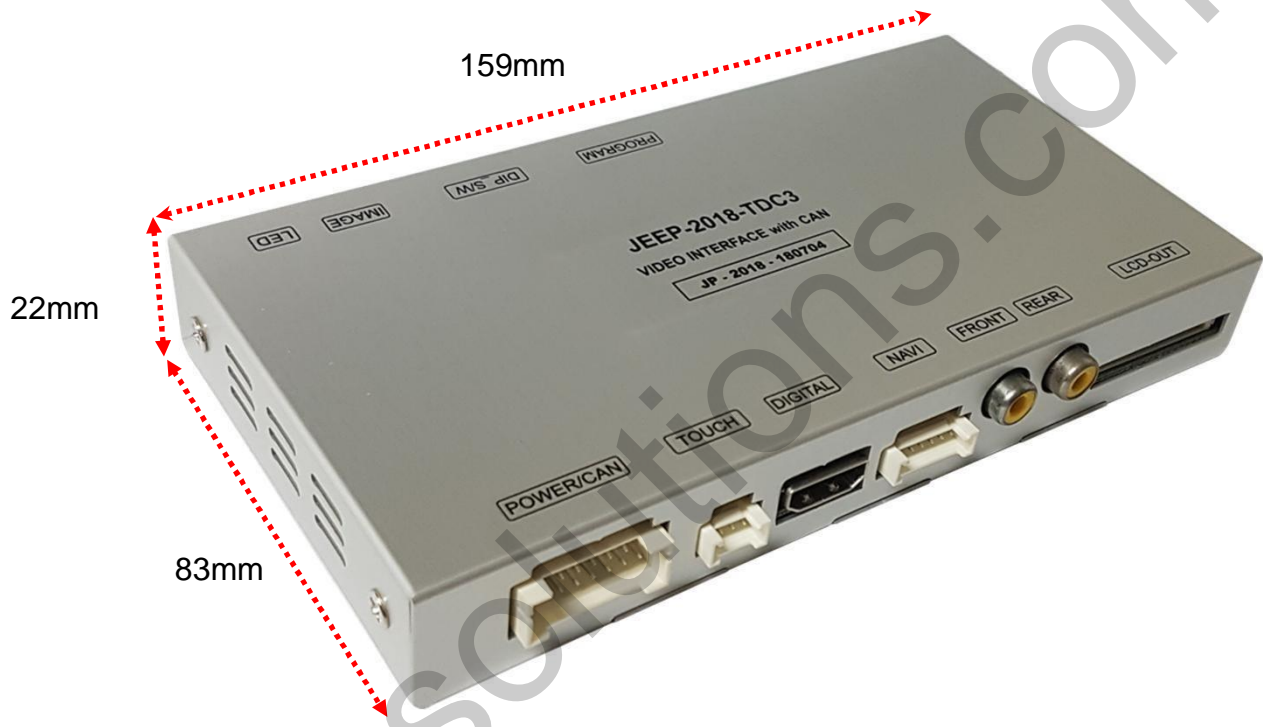# Index

1. Main

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 Vertual 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
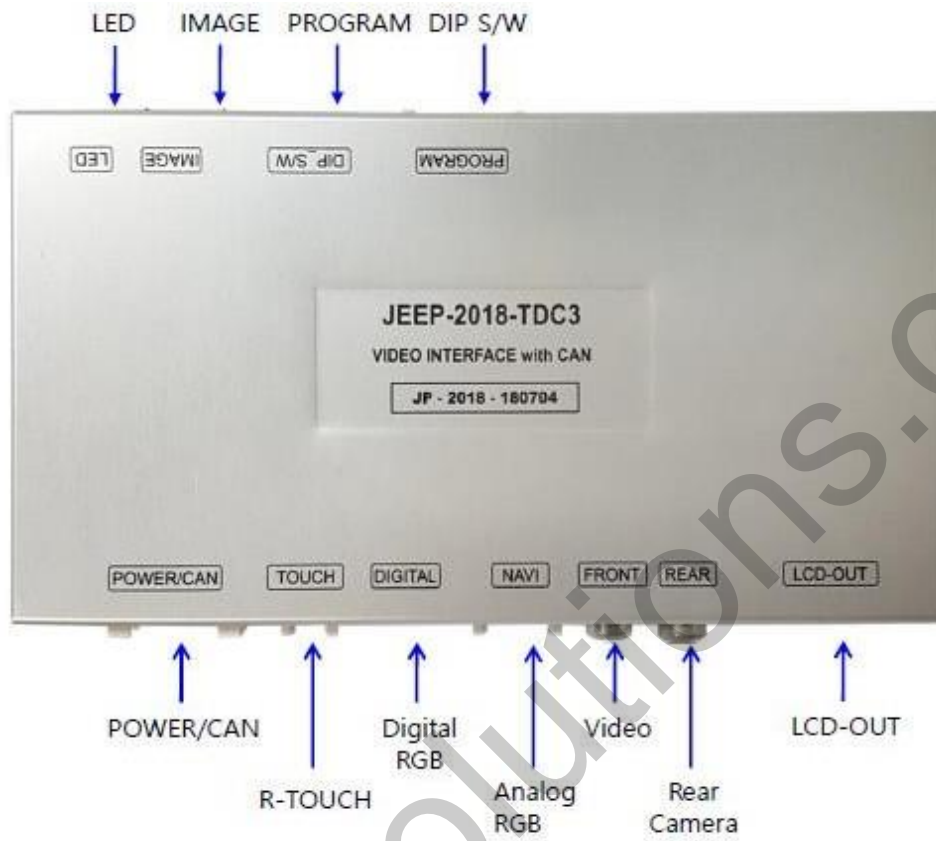   - By button on the Commander in the car via CAN

2. Block Diagram

INTERFACE

CAR COMMAND SYSTEM

CAN

CAN RECEIVER

MCU

EEPROM

NAVIGATION SYSTEM

LVDS

LVDS

Scaler (PIP)

LVDS TX

FRONT

COMPOSITE

REAR CAMERA

REAR CAMERA POWER

SUB BOARD

RELAY

CAR TFT-LCD

3. Dimension

159mm * 83mm * 22mm

159mm

22mm

83mm

JEEP-2018-TDC3
VIDEO INTERFACE with CAN
JP - 2018 - 180704

PROGRAM
DIP SW
IMAGE
LED
LCD-OUT
REAR
FRONT
NAVI
DIGITAL
TOUCH
POWER/CAN

* This can change under manufacturer's circumstance

4. External

4. External

DIP S/W   PROGRAM   IMAGE   LED

POWER/CAN

R-TOUCH

Digital RGB

Analog RGB

Video

Rear Camera

LCD-OUT
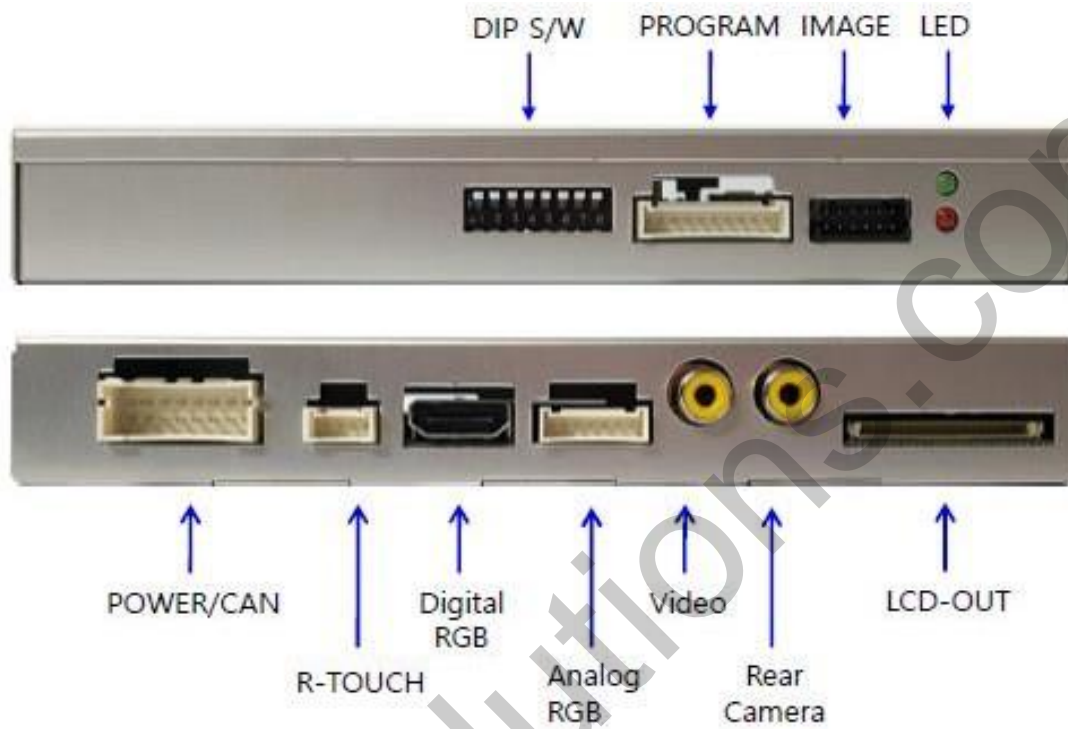
5. Connector Pin Assignment

*POWER Connect

| 1 | | | | | | | 15 |
| 2 | | | | | | | 16 |

1. Battery (Yellow)
2. Battery (Yellow)
3. Rear-DET (Brown)
4. Front-DET (Blue)
5. CANin-L (Green)
6. CANin-H (Orange)
7. CANout-L (Blue)
8. CANout-H (Red)

9. CANb-L (Pink)
10. CANb-H (Purple)
11. ACC (Red)
12. Rear-VCC (Red)
13. Front-VCC (Red)
14. Mode (Green)
15. GND (Black)
16. GND (Black)

*NAVI Connect

① ② ③ ④ ⑤ ⑥ ⑦

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 ② ③ ④

① Y-
② X-
③ Y+
④ X+

6. Product Composition

JEEP 8"Model

Interface 1 EA
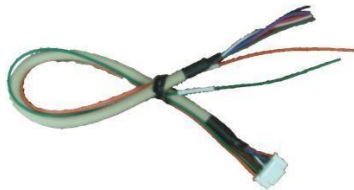
SUB Board 1 EA

RGB Navi Cable 1 EA

LVDS Cable(800mm) 1 EA

68*100*0.5*P6 Reverse

30*100*1.0*P7 Forward

LVDS FFC Cable 2 EA

Touch Converter Cable 1 EA
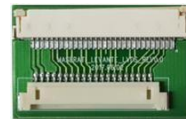
LVDS Extension Board 1 EA

Power Cable 1 EA
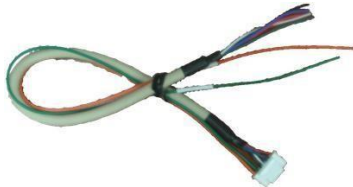
6. Product Composition

JEEP 7"Model

Interface 1 EA

SUB Board 1 EA

RGB Navi Cable 1 EA

LVDS Cable (800mm) 1 EA

Touch Converter Cable 1 EA

LVDS FPC Cable 1 EA

Power Cable 1 EA

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

6. Product Composition

Pacifica Model

Interface 1 EA
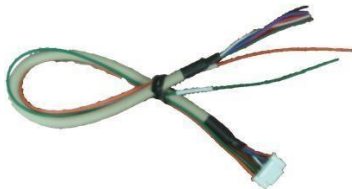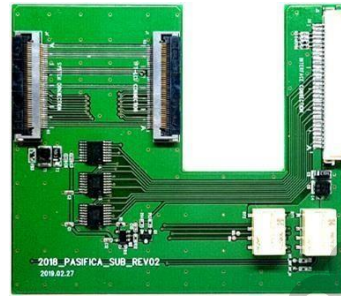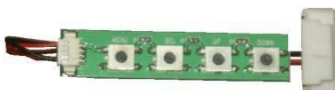
SUB Board 1 EA

RGB Navi Cable 1 EA

LVDS Cable(800mm) 1 EA

40*110*0.5*P7 Forward

Touch Converter Cable 1 EA

30*100*1.0*P7 Forward

LVDS FFC Cable 2 EA

LVDS Extension Board 1 EA

Power Cable 1 EA

OSD Board 1 EA

6. Product Composition

Maserati Model

Interface 1 EA

SUB Board 1 EA

RGB Navi Cable 1 EA

60*100*0.5*P6 Reverse

L

30*100*1.0*P7 Forward

LVDS FFC Cable 2 EA

Touch Converter Cable 1 EA

LVDS Extension Board 1 EA

Power Cable 1 EA
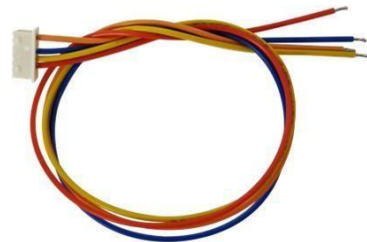
OSD Board 1 EA

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

6. Product Composition

* CarPlay Set Sales(option) –KPLAY

AUX Cable 1 EA

Power Cable 1

HDMI Cable 1 EA

Bluetooth / Wifi Antenna 2EA

Microphone 1 EA

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		
6	CAR type SEL	Right Picture
7		
8		

* DIP S/W Example
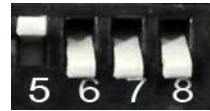
Pacifica (2018) 7''

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	Option / Back Button		REAR
Config	FrontCam-Det	ExtWire	
Option	AV Out	AV1	
Image	Back Button	On	Off
Screen	Steering Wheel	On	
Parking	Reset	Execute	Cancel

* 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

| OEM | NAVI | AV1 | AV2 |

8. Mode Change

Maserati – Streeingwheel Button

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

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

* To use the Streeing 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

OEM   NAVI   AV1   AV2

8. Mode Change

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

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

MENU	Option / Back Button	REAR
Config	FrontCam-Det	ExtWire
Option	AV Out	AV1
Image	Back Button	On　　　　Off
Screen	Steering Wheel	On
Parking	Reset	Execute　Cancel

* 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

| OE | NAVI | AV | AV |

8. Mode Change

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

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

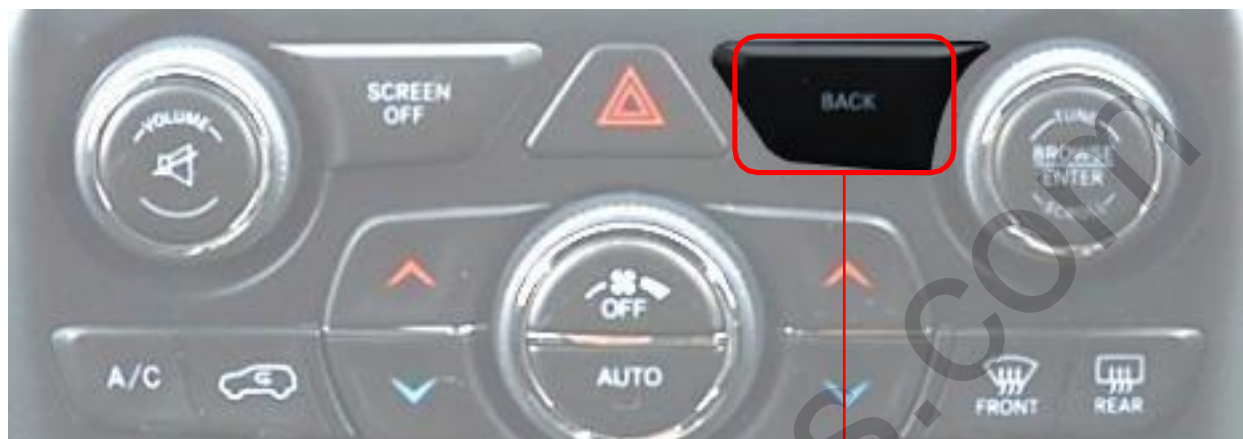| MENU	Option / Back Button		REAR
Config	FrontCam-Det	ExtWire	
Option	AV Out	AV1	
Image	**Back Button**	On	Off
Screen	Steering Wheel	On	
Parking	Reset	Execute	Cancel

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

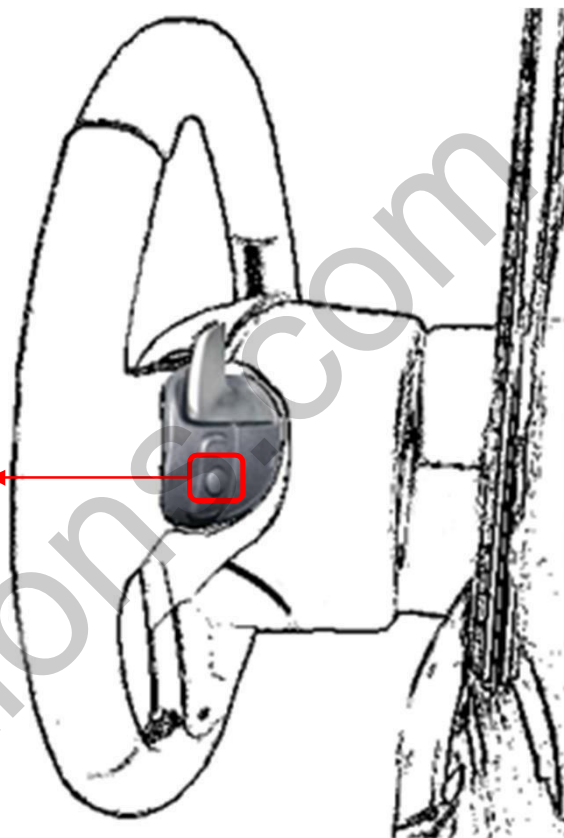## ※The screen is switched in order as the pictures below

OE	NAVI	AV	AV

8. Mode Change

JEEP – Streeingwheel Button

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

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

* To use the Streeing 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

| OEM | NAVI | AV1 | AV2 |

9. Touch Control

Touch control - Calibration

Press and hold for more than 11 seconds on NAVI, DVB-T, DVD screen.

(Note that it only works the first time after switching screens)

OR

MENU	Calibration	NAVI
OSD	Factory Reset	Execute Cancel
IR-Ctrl	Calibration	Execute Cancel
Utility	Version	FDSHOOKRX-180112
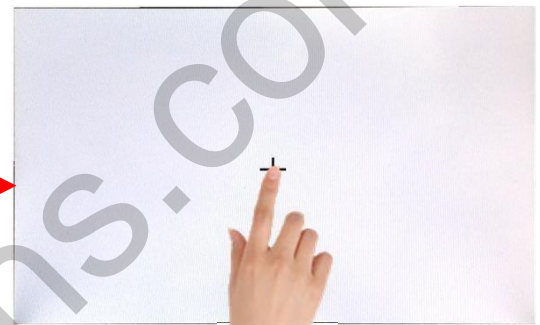
+ Touch according to the shape coordinates

9. Touch Control

DVB-T/DVD Control

DVB-T

DVD
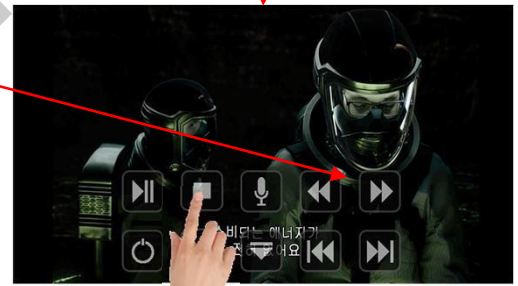
Press Icon

10. OSD (On Screen Display)

OSD control

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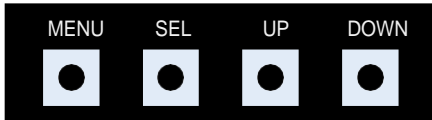
MENU	Press to display when there is no OSD screen. When OSD screen is on, press it to EXIT or OFF.
SEL	Item Selection, Value Selection
UP	Item up Increase selected value
DOWN	Item down Decrease selected value

Mode State

MENU	Option	NAVI
Config	RearCam-Type	ExtDevice
Option	RearCam-Power	Auto
Image	RearCam-Det	GEAR
Screen	AV Mode	Off
Parking	FrontCam-Type	ExtDevice

10. OSD (On Screen Display)

OSD Config

First Menu	Second Menu	Third Menu	Description
Config	NAVI-RGB	DIGTAL-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

10. OSD (On Screen Display)

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 VIDOE 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)

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)
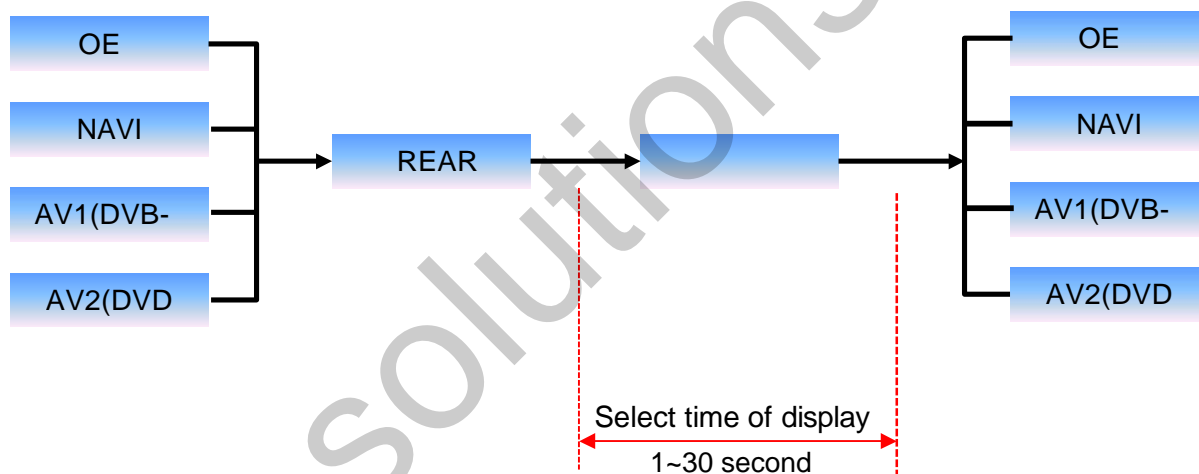
OSD Option -> FrontCam-RcvOpt

Front Camera Auto Mode

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

MENU	FrontCam-RcvOpt	NAVI
Config	FrontCam-Power	Auto
Option	FrontCam-Det	ExtWire
Image	FrontCam-RcvOpt	0s
Screen	Steering Wheel	Voice
Parking	Reset	Execute Cancel

MENU	FrontCam-RcvOpt	NAVI
Config	FrontCam-Power	Auto
Option	FrontCam-Det	ExtWire
Image	FrontCam-RcvOpt	30s
Screen	Steering Wheel	Voice
Parking	Reset	Execute Cancel

OE

NAVI

AV1(DVB-

AV2(DVD

→ REAR →

OE

NAVI

AV1(DVB-

AV2(DVD

Select time of display
1~30 second

10. OSD (On Screen Display)

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 >>

10. OSD(On Screen Display)

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

10. OSD(On Screen Display)

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

10. OSD(On Screen Display)

OSD Parking – OPS Display On / Off

MENU	OPS Display	REAR
Config	OPS Display	On Off
Option	Line Display	Off
Image	Warnings Lang	English
Screen	Horizontal	50
Parking	Vertical	60

OPS ON Screen

MENU	OPS Display	REAR
Config	OPS Display	On Off
Option	Line Display	Off
Image	Warnings Lang	English
Screen	Horizontal	50
Parking	Vertical	60

OPS OFF Screen

OSD Parking – Guide line On / Off

MENU	Parking / Line Display	REAR
Config	OPS Display	On
Option	Line Display	On Off
Image	Warnings Lang	Россия
Screen	Horizontal	50
Parking	Vertical	50

Parking Line ON Screen

MENU	Parking / Line Display	REAR
Config	OPS Display	On
Option	Line Display	On Off
Image	Warnings Lang	Россия
Screen	Horizontal	50
Parking	Vertical	50

Parking Line OFF Screen

10. OSD(On Screen Display)

OSD Parking – Change warning language

MENU	Parking / Warnings Lang	REAR
Config	OPS Display	English
Option	Line Display	中文
Image	Warnings Lang	한국어
Screen	Horizontal	台灣
Parking	Vertical	Россия

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!

Россия → Следите за всем окружением автомобиля!

日本 → 周辺の安全を確認

10. OSD(On Screen Display)

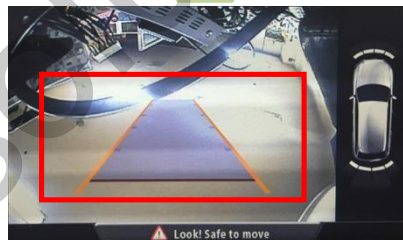**OSD Parking – Adjust position of parking guide line**

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.

Press "**UP**" button

Press "**MENU**" button   Press "**SEL**" button

Press "**DOWN**" button

10. OSD(On Screen Display)

OSD – OSD Menu

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

10. OSD(On Screen Display)

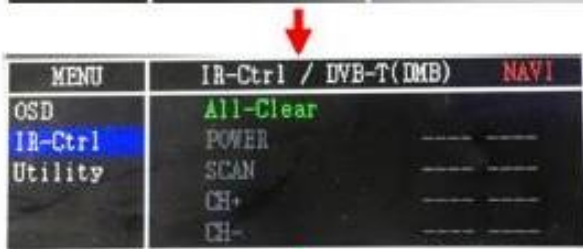## OSD – IR learning function

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

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

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

MENU	IR-Ctrl / 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	IR-Ctrl / DVB-T(DMB)	DVB-T
OSD	New Code:	—— ——
IR-Ctrl	Cfm Code:	—— ——
Utility		
	Save Clr Cancel	

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)

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

- Software Version
- Software Month
- Software Year
- Special Version
- National : CN=CHINA, KR=KOREA, JP=JAPAN, US=United States
- Hardware Version
- PIP model : S3=Sync3, PP=PIP, LV=LVDS
- Motor model : FD=FORD,
  BM=BMW,
  BE=BENZ,
  MA=MASERATI,
  LX:LEXUS

MENU	Utility	NAVI
OSD	Factory Reset	Execute Cancel
IR-Ctrl	Version	FDSYOOKRX-180209
Utility		

11. Install Manual

1. Installation Navigation Connection

DVD-IR
DVBT-IR
GND
SYNC
BLUE
GREEN
RED

Analog RGB

X+
Y+
X-
Y-

Resistive Touch

*Analog RGBsync navigation

KD-900

*Digital navigation

Roik, Qroi

JEEP 2018 TDC3 INTERFACE

LVDS-OUT
RGB
DIGITAL
TOUCH
POWER/CAN

16. GND (Black)
15.
14.
13.
12.
11. ACC (Red)
10.
9.
8.
7.
6.
5.
4.
3.
2. Battery (Yellow)
1.

GND (Black)

ACC-POWER (Red)

Battery (Yellow)
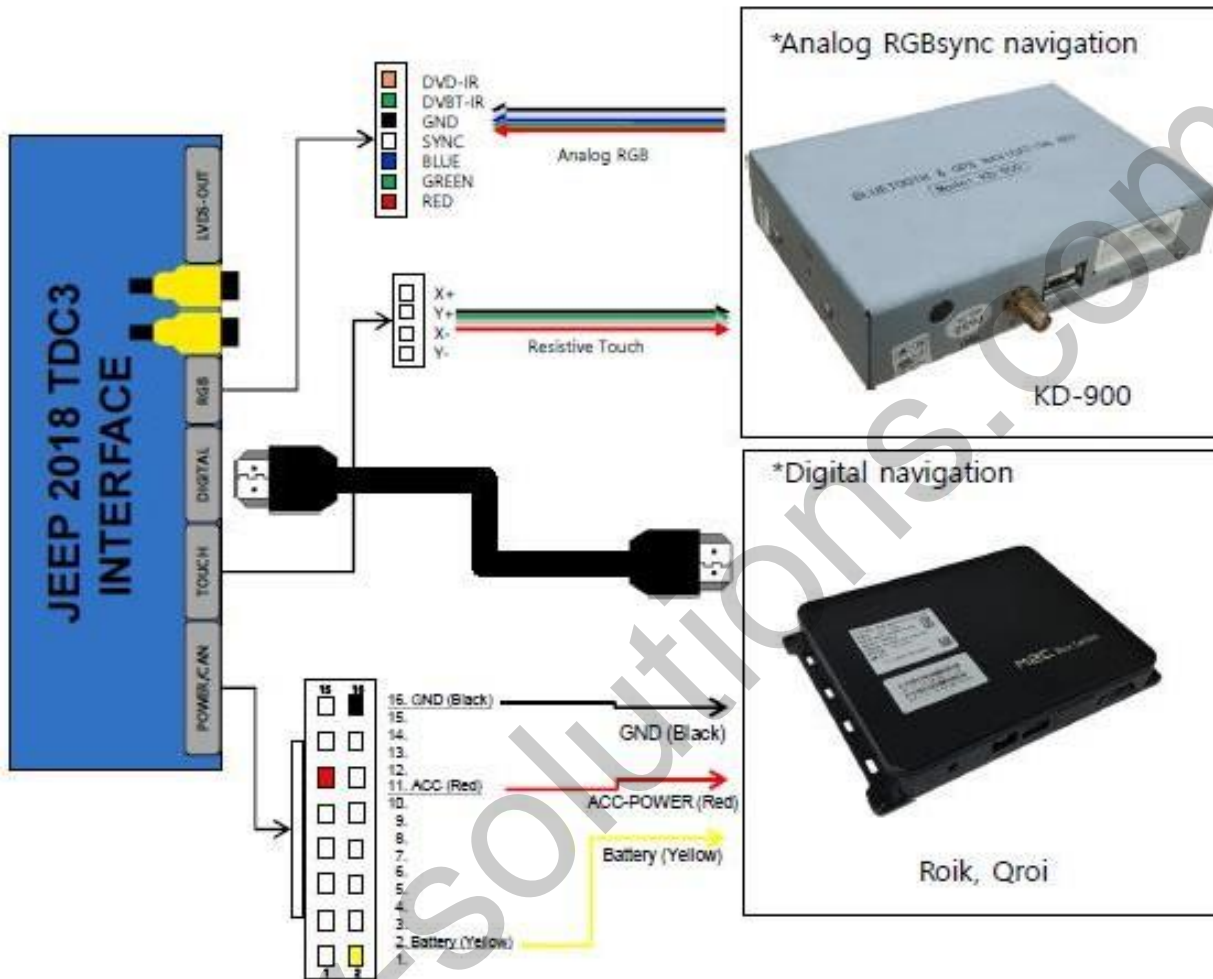
MENU	NAVI-RGB	NAVI
Config	NAVI-RGB	DIGITAL-G-NOM-A
Option	DVB-T(IMB)	DIGITAL-G-NOM-G
Image	DVD	DRGB-M2C-1920
Screen	RearCam	DIGITAL-XPLAY
Parking	FrontCam	DRGB-KPLAY-1280

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

11. Install Manual

1. Installation DVB-T Remote Control Connection

DVD IR
DVB-T
IR GND
SYNC
BLUE
GREEN
RED

DVB-T-

①or ②

선택1

carrozzeria

선택2

ALPINE

15	16	
		16. GND (Black)
		15.
		14.
		13.
		12.
		11. ACC (Red)
		10.
		9.
		8.
		7.
		6.
		5.
		4.
		3.
		2. Battery (Yellow)
1	2	1.

GND (Black)

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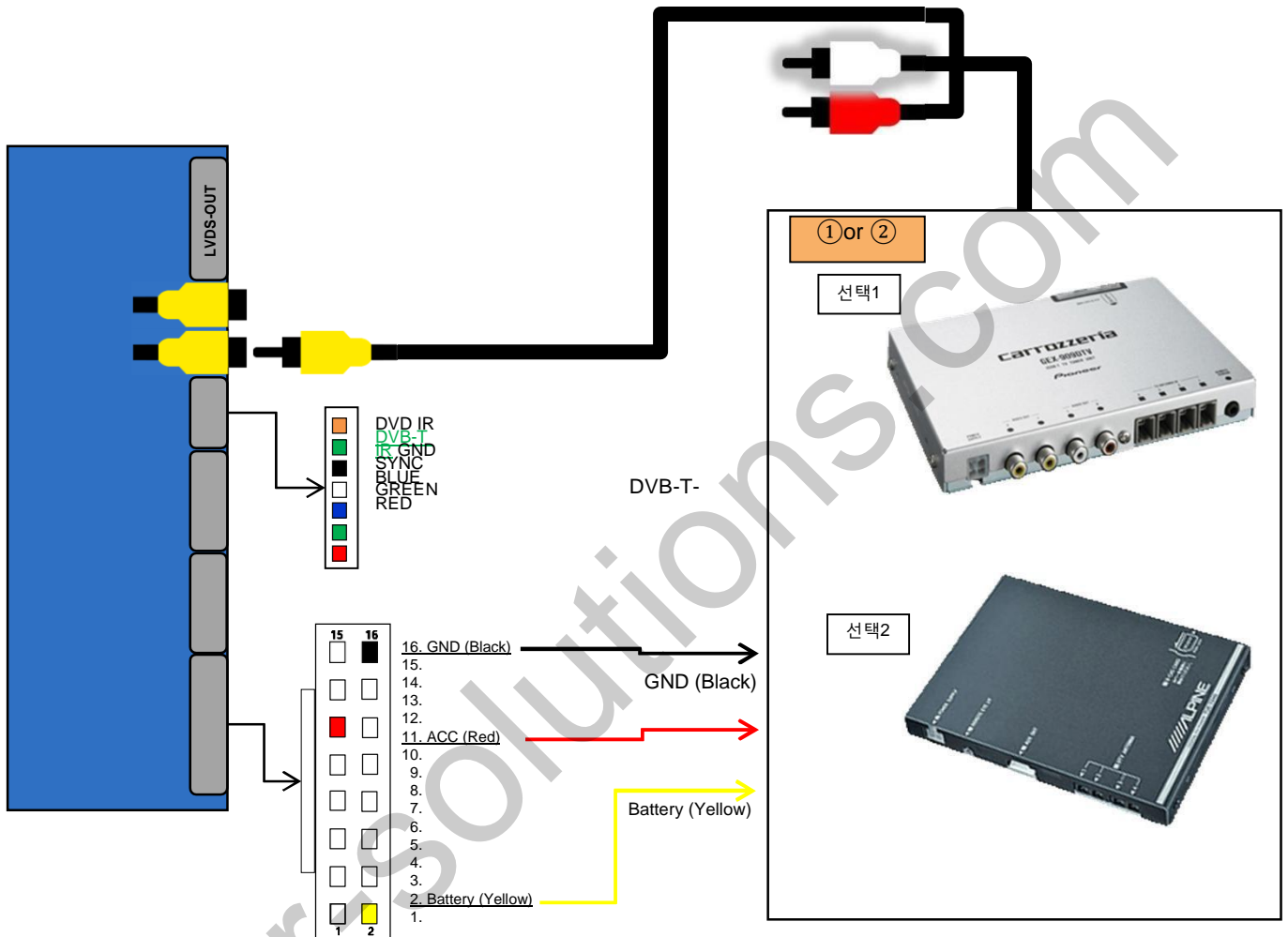
MENU	DVB-T(DMB)	DVB-T
Config	NAVI-RGB	ELT_DVBT20
Option	DVB-T(DMB)	NET-770
Image	DVD	MediaLife
Screen	RearCam	Panasonic
Parking	FrontCam	Pioneer

MENU	UI DVB-T(DMB)	DVB-T
Config	FrontCam-Type	ExtDevice
Option	FrontCam-RcvOpt	8s
Image	SteeringWheelBtn	Off
Screen	UI DVB-T(DMB)	On Off
Parking	UI DVD	On

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

11. Install Manual

2. Installation DVD Remote Control Connection

JEEP 2018 TDC3 INTERFACE

LVDS-OUT
RGB
DIGITAL
TOUCH
POWER/CAN

DVD IR
DVB-T
IR GND
SYNC
BLUE
GREEN
RED

DVD-

DHA-

15 16
16. GND (Black)
15.
14.
13.
12.
11. ACC (Red)
10.
9.
8.
7.
6.
5.
4.
3.
2. Battery (Yellow)
1.

1 2

GND (Black)

ACC (Red)

Battery (Yellow)

2. Battery (Yellow)
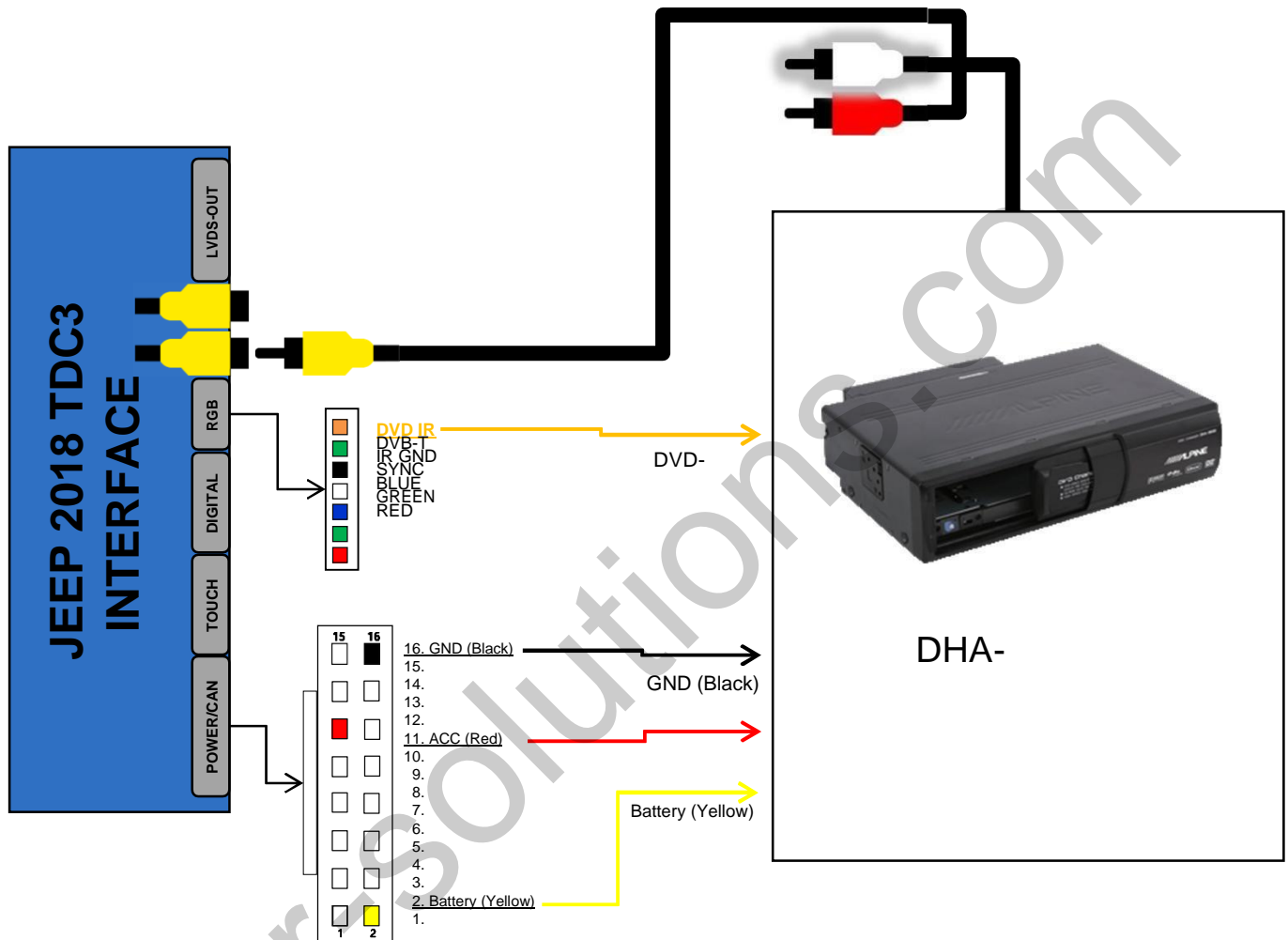
MENU	DVD	DVD
Config	NAVI-RGB	ELT-980XU Slim
Option	DVB-T(DMB)	LCKT
Image	DVD	Sanyo
Screen	RearCam	NECVOX DVA-3206
Parking	FrontCam	AMPIRE DVX-101

MENU	UI DVD	DVD
Config	FrontCam-Type	ExtDevice
Option	FrontCam-RcvOpt	8s
Image	SteeringWheelBtn	Off
Screen	UI DVB-T(DMB)	On
Parking	UI DVD	On Off

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

11. Install Manual

3. Installation External Front Camera Connection

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

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

11. Install Manual

4. Installation External Reverse(Rear) Camera Connection

JEEP 2018 TDC3 INTERFACE

LVDS-OUT
RGB
DIGITAL
TOUCH
POWER/CAN

15	16	
		16.
		15.
		14.
		13.
	■	12. REAR Power (Red)
		11.
		10.
		9.
		8.
		7.
		6.
		5.
		4.
■		3. REAR Detect (Brown)
		2.
1	2	1.

REAR-POWER (Red)

+12V

• Select the RearCam you want to use from the above items.
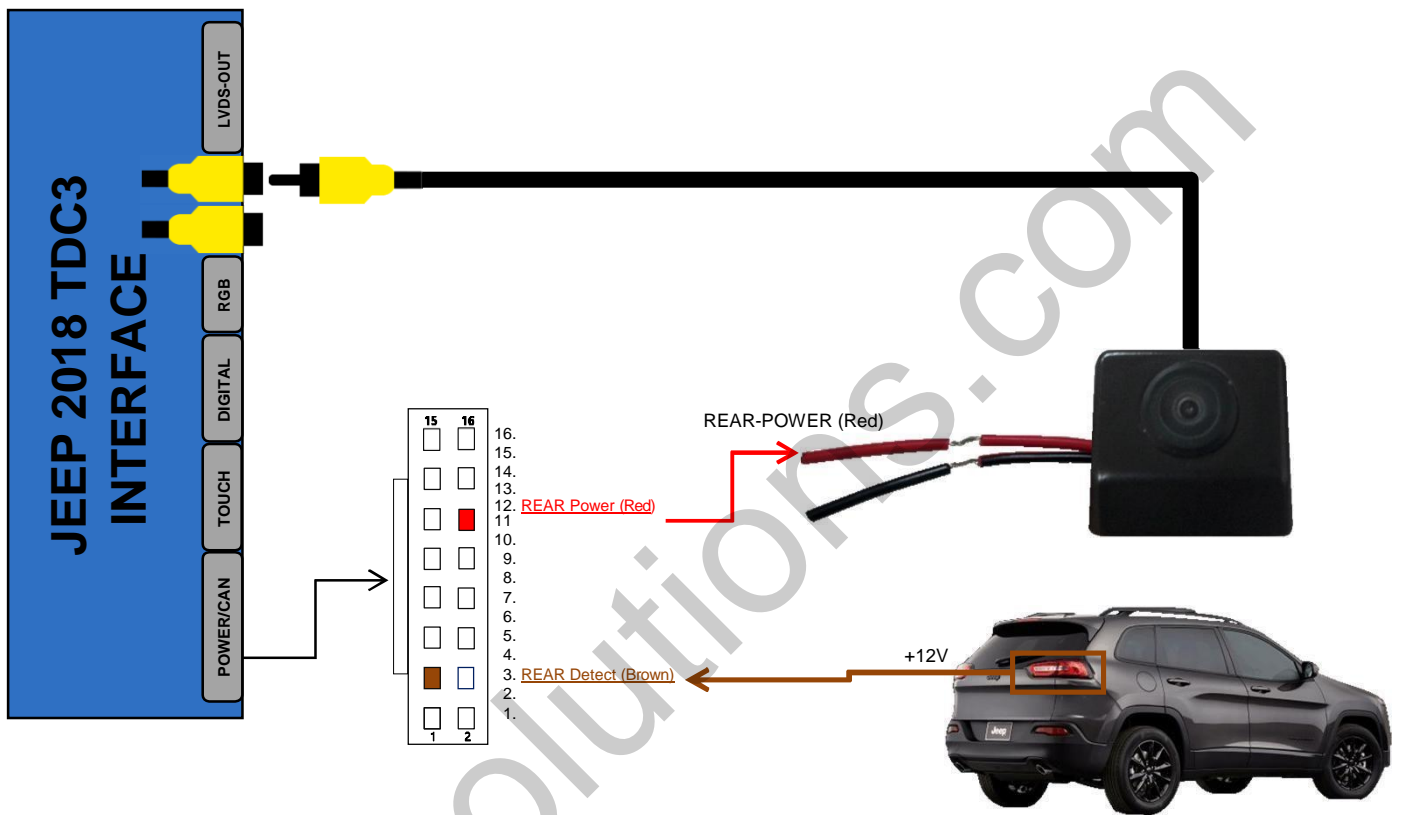
MENU	AV Mode		NAVI
Config	NAVI COM	KPLAY	
Option	RearCam-Type	OEM	
Image	RearCam-Power	Auto	
Screen	RearCam-Det	CAN	
Parking	AV Mode	On	Off

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

KPLAY

Screen

11. Install Manual

7. Installation CarPlay – NV17

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

AUX

3.5pie aux cable

Iphone

Microphone

CarPlay - NV17

Screen

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)
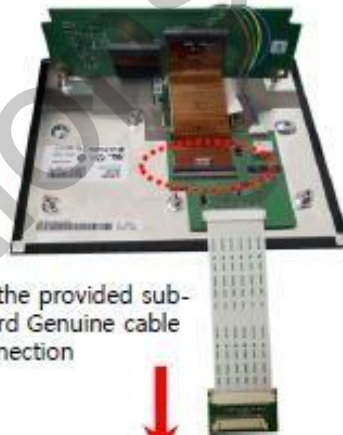
On the provided sub-
board Genuine cable
connection
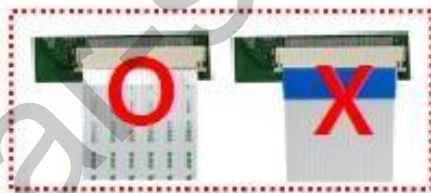
Connect blue invisibly.
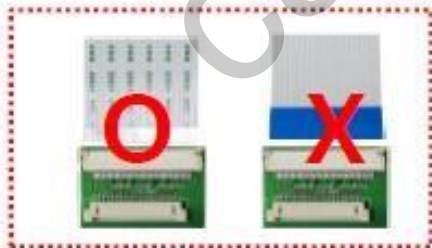
11. Install Manual

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
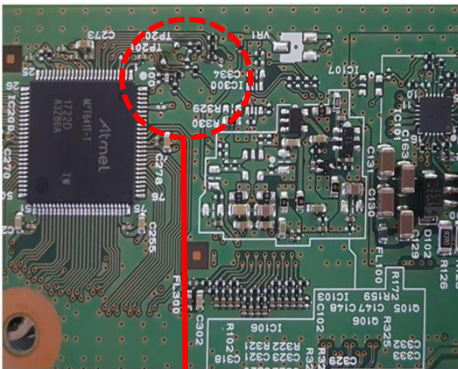

Closeup
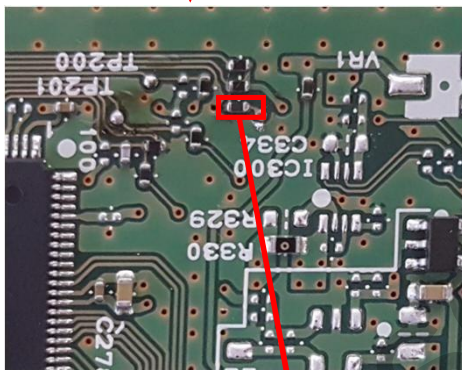
Remove one resistor (22 ohm).
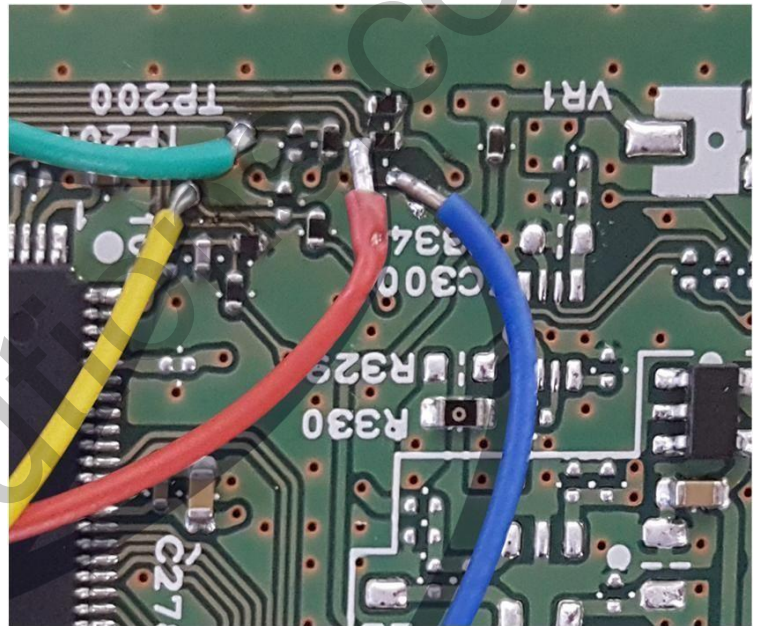
Solder to the same color location as the supplied cable.

11. Install Manual

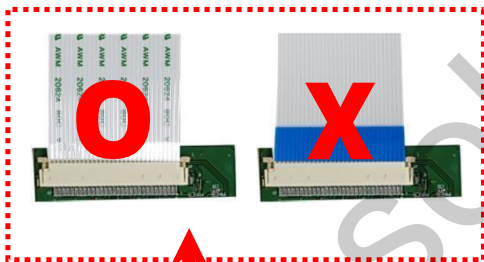**10. Installation – JEEP 7" LVDS FPC cable connection**

11. Install Manual

11. Installation – JEEP 7" LVDS FPC cable connection
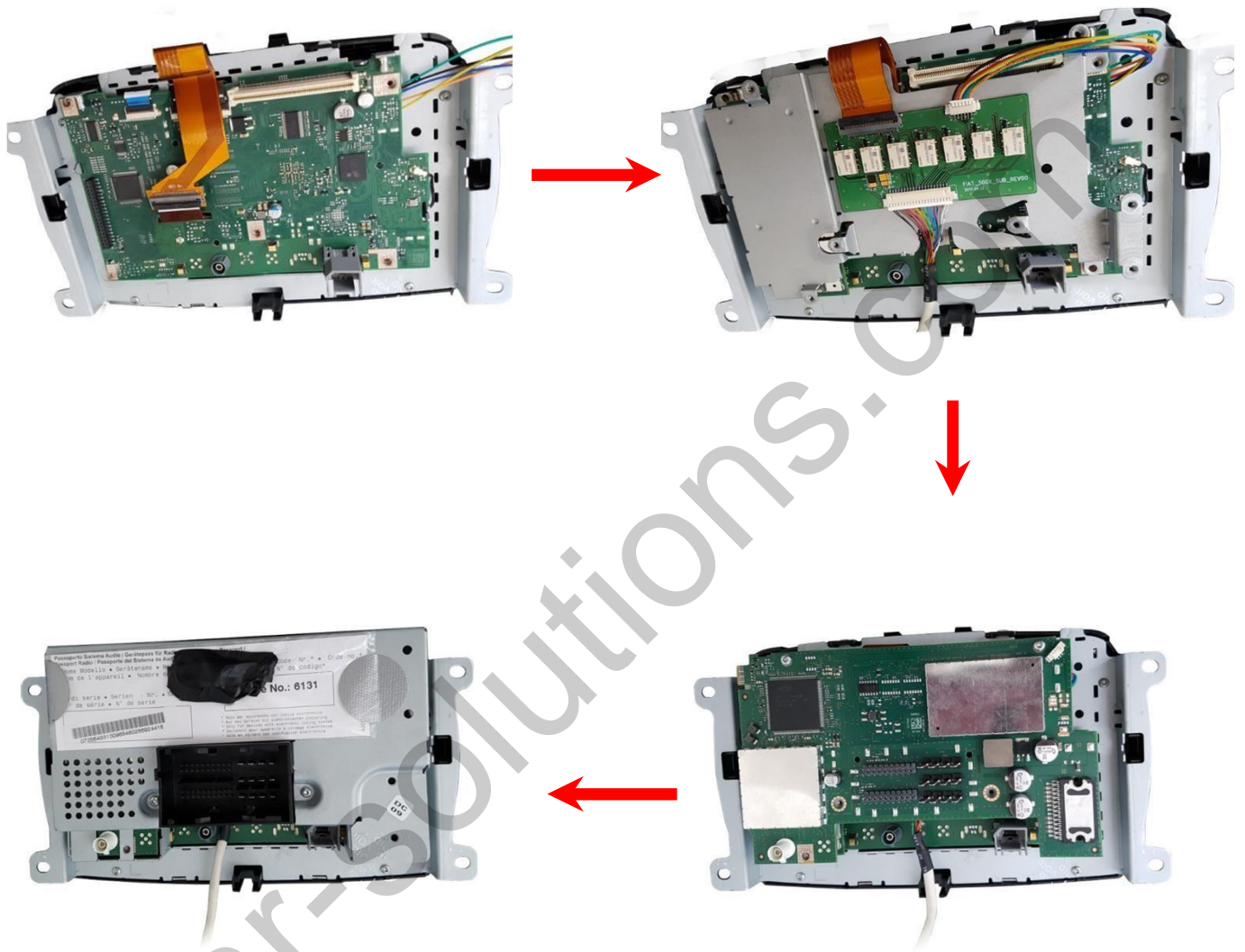
11. Install Manual

12. 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
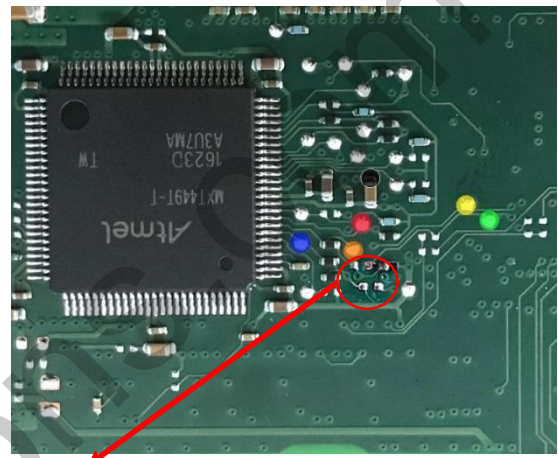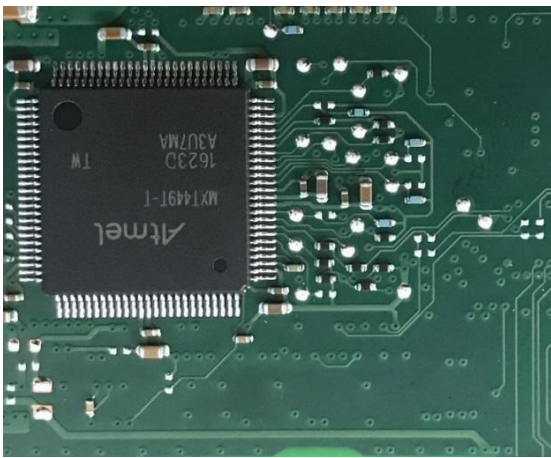
Remove one resistor

Solder to the same color location as the supplied cable.

11. Install Manual

13. Installation – Pacifica 7" LVDS FPC cable connection
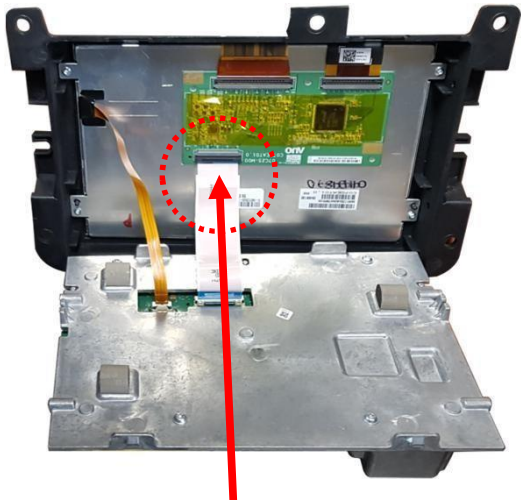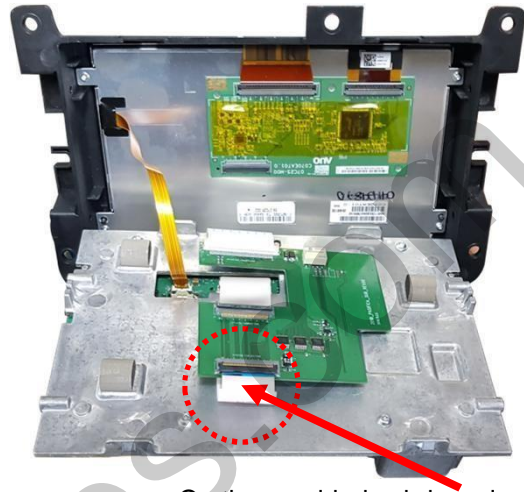
Original FPC cable removal

On the provided sub-board
Genuine cable connection
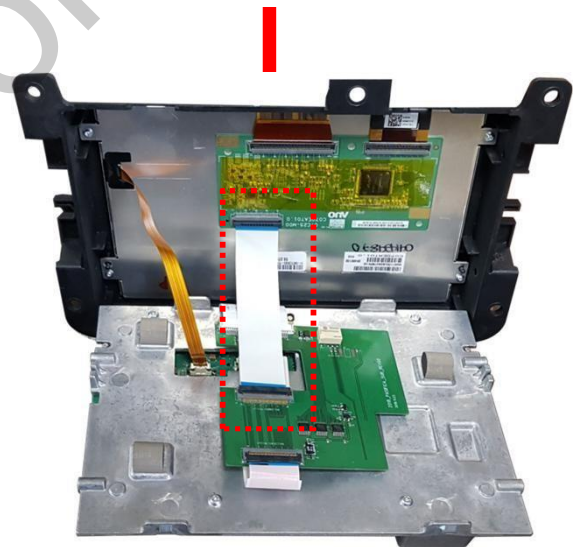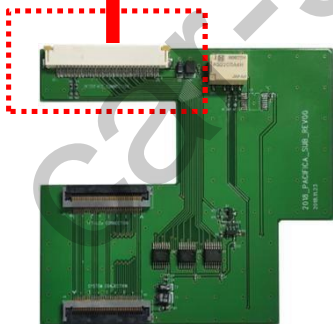
O X

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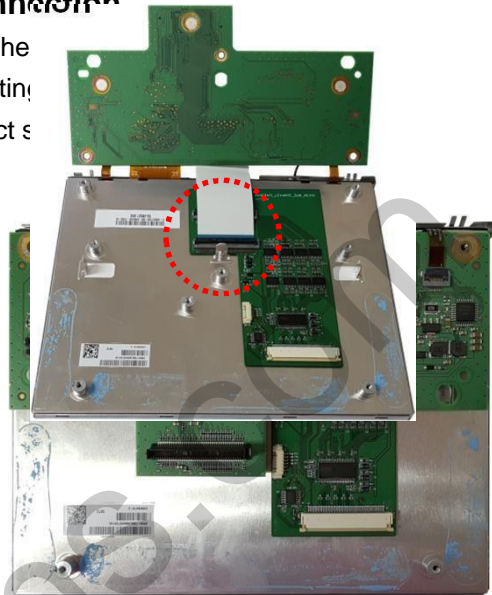(Connect so that the blue part is visible)

11. Install Manual

14. Installation – Maserati 8" LVDS FPC cable connection
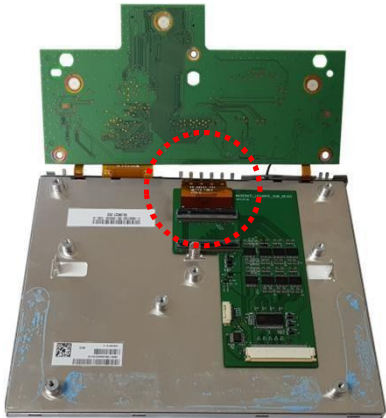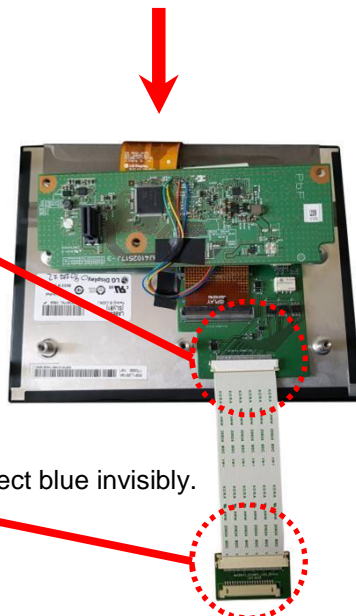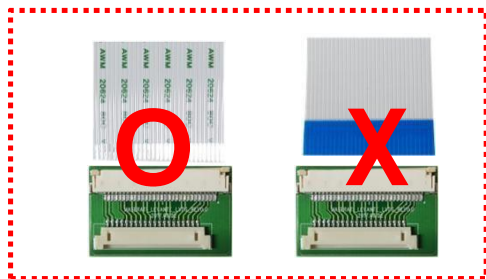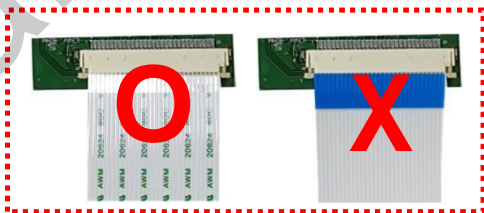

Original FPC cable removal

Where the
Connecting
(Connect s

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

O   X

Connect blue invisibly.

O   X

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