

LEXUS2015 GVIF PAS TDIE (VIDEO Interface)



MODEL	GVIF-PAS-160708
DATE	2017.05.08

Main Spec.

1. Input Spec. (MULTI VIDEO INTERFACE)

- 2 x A/V Input (External video source).
- 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
- 1 x CVBS(FRONT CAMERA) Input. (Front camera source)
- 1 x Analog RGB Input (Navigation System output)
- 1 x GVIF Input. (Car Command System)

2. Output Spec.

- 2 x CVBS Output (Video out for Installing Headrest Monitor)
- 1 x Audio L/R Output.
- 1 x GVIF Output (LCD Operation)

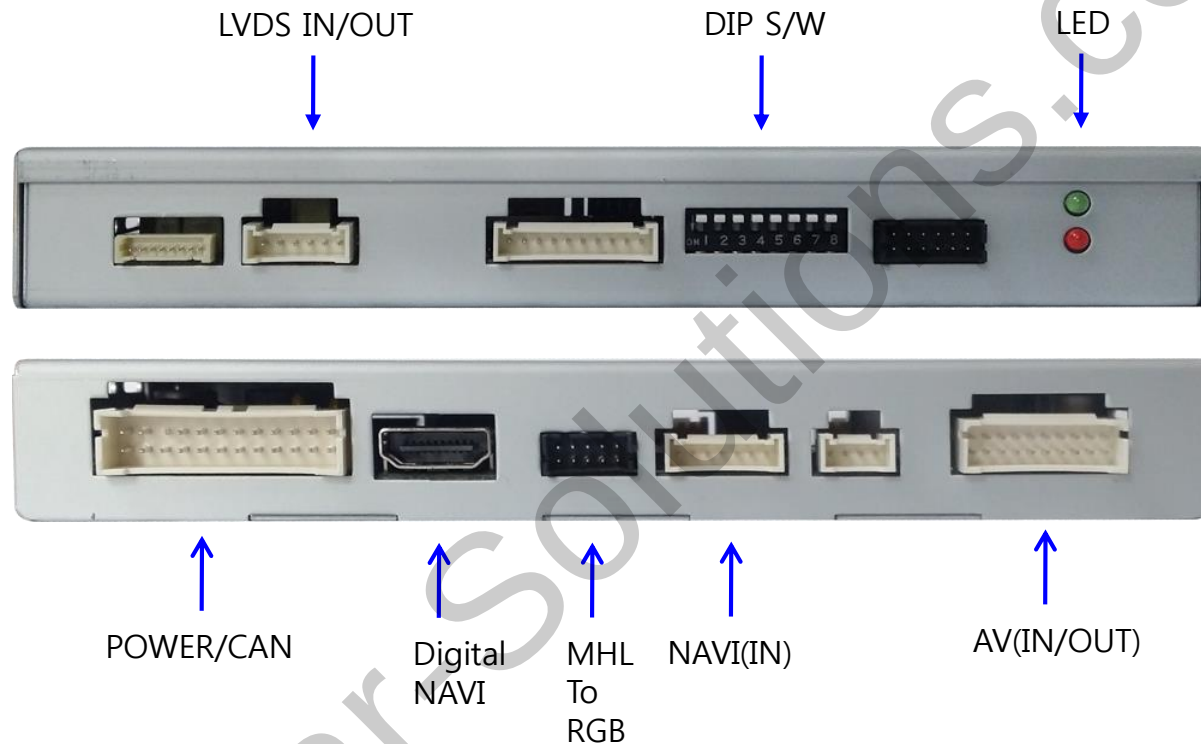
3. Power Spec.

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

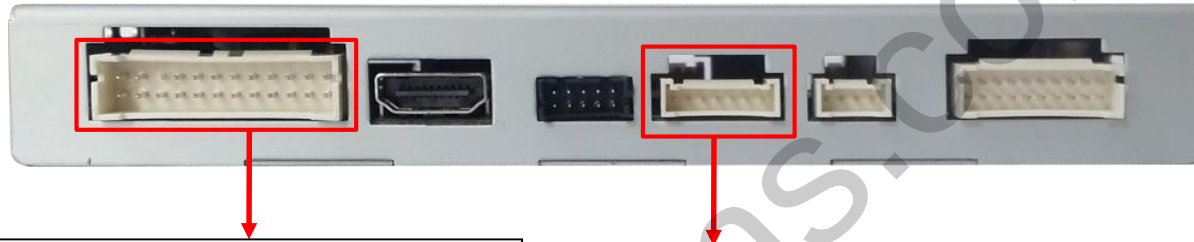
4. Switch Input mode

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

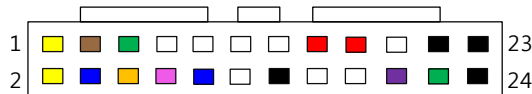
External Appearance



Connector Pin Assignment

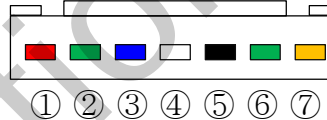


*POWER Connect



- | | |
|---------------------|----------------------|
| 1. Battery (Yellow) | 13. NC |
| 2. Battery (Yellow) | 14. GND (Black) |
| 3. REAR-DET (Brown) | 15. REAR-VCC (Red) |
| 4. FRONT-DET (Blue) | 16. NC |
| 5. CAN-L (Green) | 17. FRONT-VCC (Red) |
| 6. CAN-H (Orange) | 18. NC |
| 7. NC | 19. IE-BUS+ (White) |
| 8. SI-OUT (Pink) | 20. IE-BUS- (Violet) |
| 9. NC | 21. GND |
| 10. SI-IN (Blue) | 22. MODE (Green) |
| 11. NC | 23. GND (Black) |
| 12. NC | 24. GND (Black) |

*NAVI Connect

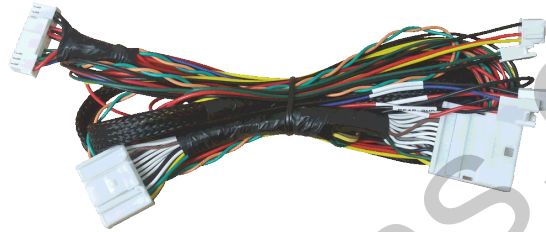


- | |
|-------------------|
| ① R DATA (Red) |
| ② G DATA (Green) |
| ③ B DATA (Blue) |
| ④ SYNC (White) |
| ⑤ GND (Black) |
| ⑥ DMB IR (Green) |
| ⑦ DVD IR (Orange) |

Product Composition



Interface 1 EA



Power Cable 1 EA



GVIF IN/OUT Cable 1 EA



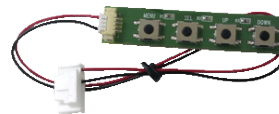
RGB Navi Cable 1 EA



A/V Cable 1 EA



Mode S/W 1 EA



OSD Board 1 EA

Product Composition Option



Option : Sub Board 1 EA



Option : RGB Cable 1 EA

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	MHL	ON : Not Used OFF : Used
5	CAR Type	right refer to picture
6		
7		
8		

* DIP S/W Example



ES300h



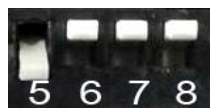
CT200h



ES300h 2017year



LC200



RX450/LX450

Navi Change – ES300h

ES300h
Mode Change



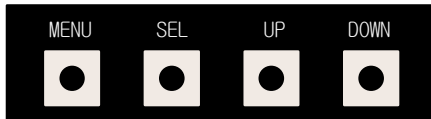
Navi Change – CT200h

CT200h
Mode Change



OSD(On Screen Display) Control

OSD Control Board



MENU	Push -> OSD menu On/Off
SEL	Item Selection, Value Selection
UP	Item up Increase selected value
DOWN	Item down Decrease selected value

		Mode State
MENU	Config	NAVI
Config	NAVI-RGB	KD900(WVGA)
Option	NAVI-AV	Default
Image	DVD	ELT-980XU Slim
Screen	DVB-T(IMB)	ELT-DVBT20
Parking	BlackBox	Default
First Menu	Second Menu	Third Menu

OSD(On Screen Display) Control

First Menu	Second Menu	Third Menu	Action
Config	NAVI-RGB	GI4000	Selection Korea 480*234
		GI8000	Selection Korea 800*480
		GI80003G	Selection Korea 800*480
		PANASONIC	Selection Taiwan 480*234
		PT-GPS800A	Selection China 480*234
		KD900(WVGA)	Selection China 800*480
		KD900(WQVGA)	Selection China 480*234
		PURENAV18	Selection Taiwan 480*234
		SINGAPURA	Selection Singapore 480*234
	NAVI-AV		
	DVD	ELT-980XU Slim	Selection Europe
		LCKT	Selection China
		SANYO	Selection China
		NECBOX DVA-3206	Selection China
		AMPIRE DVX-101	Selection Singapore
		Pioneer	Selection Japan
	DVB-T(DMB)	ELT-DVBT20	Selection Europe
		NET-770	Selection Korea
		MediaLife	Selection Korea
		Panasonic	Selection Japan
		Pioneer	Selection Japan
		GEX-DTV	Selection Japan
		Portugal	Selection Europe
		DVB-T20010HD	Selection Europe
		DVBT55-HD	Selection Europe
		CMMB-ZW	Selection China
	Reset	Excute	Config Menu all Reset

ELT-980XU SLIM LCKT



SANYO



NECVOX



AMPIRE DVX101



PIONEER



ELT-DVBT20



Pioneer



Portugal



GEX-DTV



DVB-T2010HD



DVBT55HD



CMMB-ZW



OSD(On Screen Display) Control

First Menu	Second Menu	Third Menu	Action
Option	RearCam-Type	OEM	Original Camera
		ExtDevice	Use aftermarket Rear camera
	RearCam-Power	ON	Rear camera get +12V consistently
		AUTO	Rear camera get +12V when reverse gear on
		OFF	Shut out the power supply.
	FrontCam-Type	OEM	Original Camera
		ExtDevice	Use aftermarket Front camera
	FrontCam-Power	ON	Front camera get +12V consistently
		AUTO	Front camera get +12V when reverse gear on
		OFF	Shut out the power supply.
	RearCam-RcvOpt	ON	Show Frontcam 25sec after rear mode.
		OFF	Default
	Reset	Excute	Option Menu all Reset

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 >>



<< Saturation >>



<< Contrast >>

OSD(On Screen Display) Control

OSD Setting- Screen Mode

- Horizontal
- Vertical
- Scaler X Up
- Scaler X Down
- Scaler Y Up
- Scaler Y Down

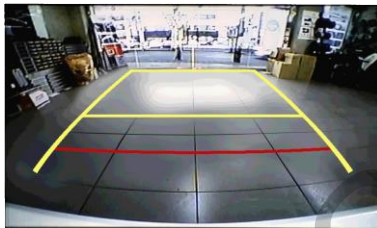
MENU	Screen	MAVI
Config	Horizontal	50
Option	Vertical	50
Image	Scale X Up	50
Screen	Scale X Down	50
Parking	Scale Y Up	50

OSD(On Screen Display) Control

OSD Setting - Parking Mode On/Off (ES300h)

MENU	Line Display		REAR
Config	Line Display	On	Off
Option	Horizontal	50	50
Image	Vertical	50	50
Screen	Space	0	0
Parking	Transparency	40	40

PARKING LINE ON



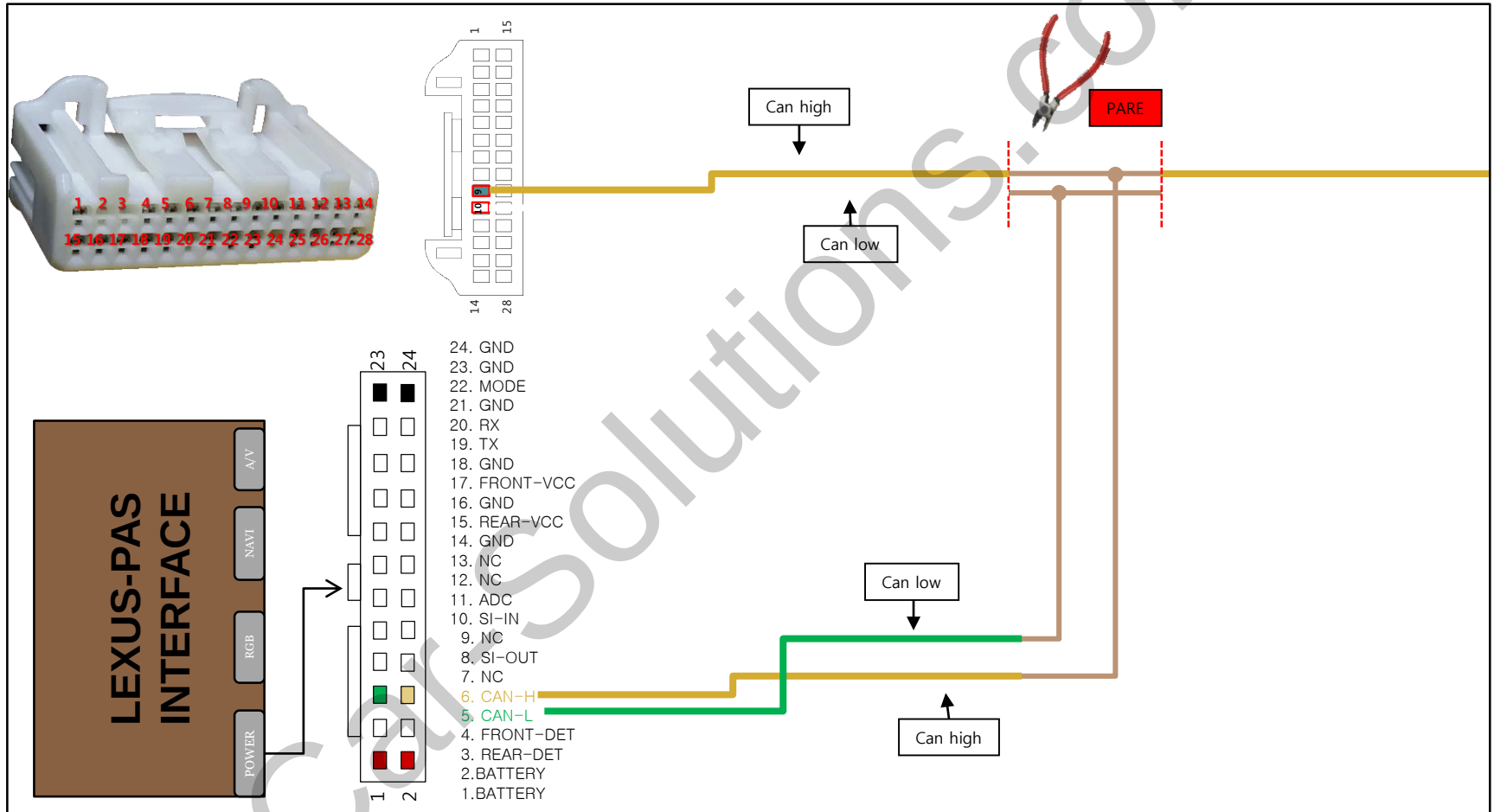
MENU	Line Display		REAR
Config	Line Display	On	Off
Option	Horizontal	50	50
Image	Vertical	50	50
Screen	Space	0	0
Parking	Transparency	40	40

PARKING LINE OFF



Install Manual

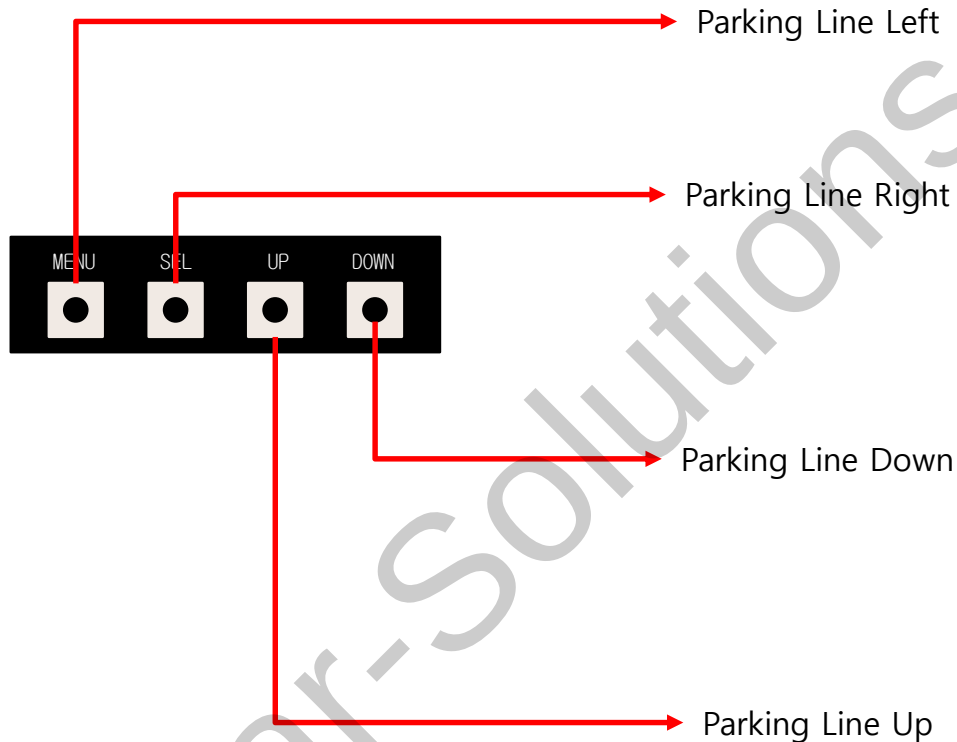
Installation CAN Connection



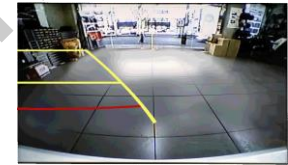
Install Manual

Parking Line Control (ES300h)

OSD Control Board



* Parking Line can move to Left/Right/Up/Down



Parking Line Left



Parking Line Right



Parking Line Down



Parking Line Up

Install Manual

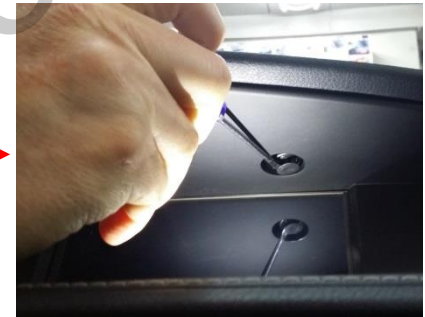
ES 300h



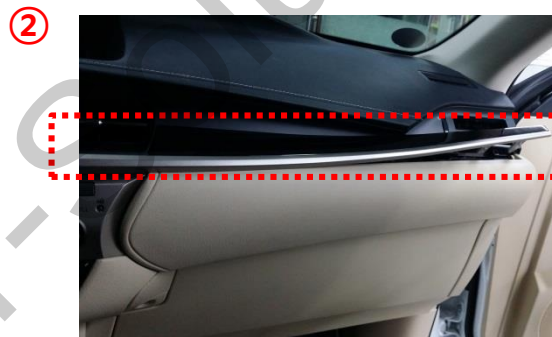
Take out



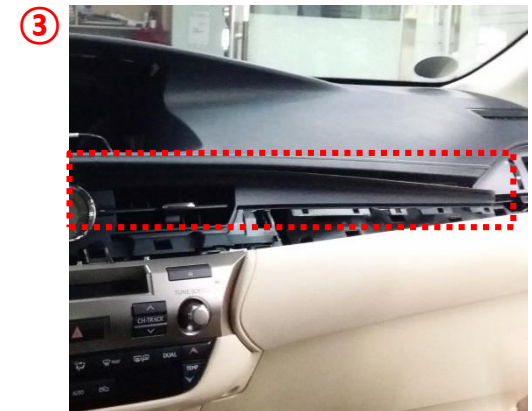
Take out Monitor cover



Take out the Monitor



Take out



Take out

Install Manual

ES 300h



④



⑤

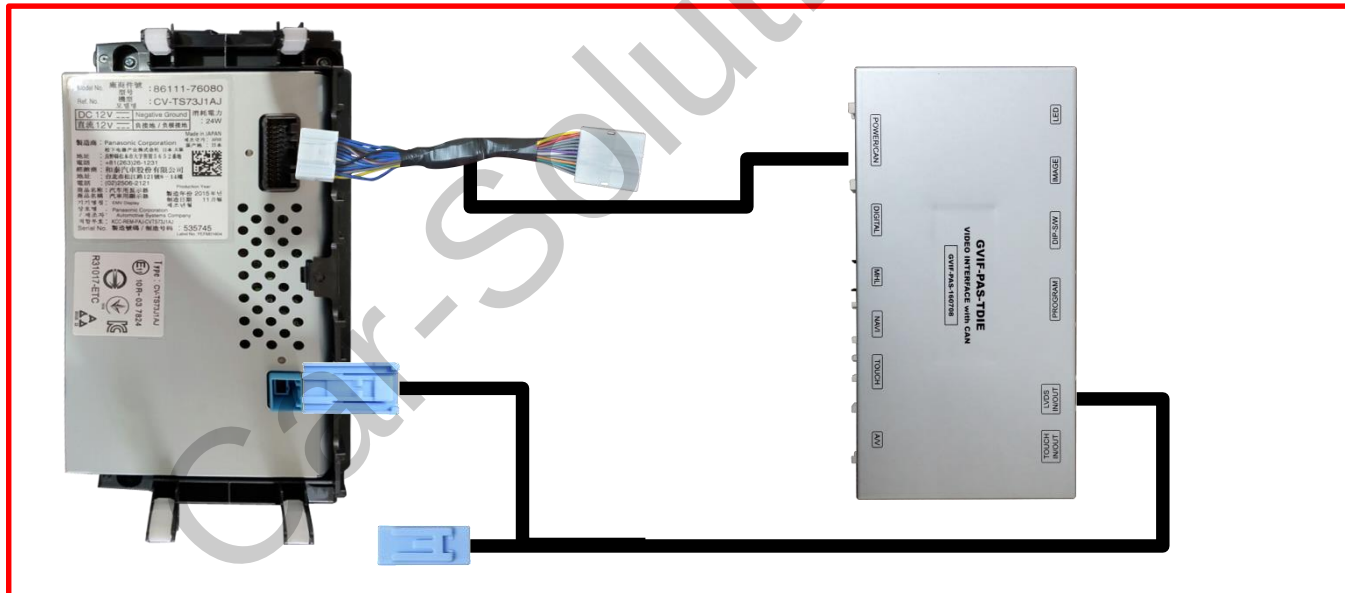


⑥



Take out BOLT

CT 200h



Q & A

1. If Interface has a problem, Please check LED.



- ACC on (12v), If Interface does not have a problem; **GREEN** LED is blinking every 1 sec..
- **RED** LED is turn on (not blinking), Interface has a problem.
- **RED** LED is turn off every 1 sec, there is no input.
- **RED** LED and **GREEN** LED both are not turn on, check the CAN or ACC connection.

2. Q : LCD screen black

A : LVDS Cable problem or, connection problem.

3. Some 2009 year Lexus model, OEM screen ok. But interface screen have a problem like this.

-> Modify GVIF Cable like photo

