



2019 NEW RANGE ROVER 2020 DISCOVERY SPORTS (TOUCH PRO DUO)

1. DUO IU97RJH(HDMI)
1920X720

MAIN BOARD



DUO IU97RJH(HDMI)

Car Brand	Model	Year Range	Screen Size
RANGE ROVER	VELAR DUO	2018~	10.2"
	SPORTS DUO	2018~	10.2"
	VOGUE DUO	2018~	10.2"
	EVOQUE DUO	2019~	10.2"
	DISCOVERY SPORTS P250	2020	10.2"

COMPONENTS

1 MAIN UNIT(DUO IU97RJH(HDMI))



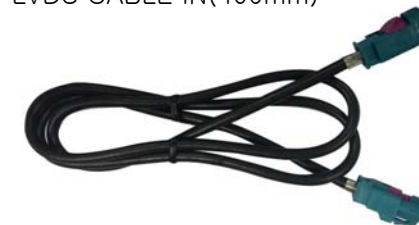
2 POWER EXTENTION CABLE



3 POWER CABLE



4 LVDS CABLE IN(400mm)



5 LVDS CABLE OUT(500mm)



6 IR CABLE



7 4PIN FILM



※ OPTION ※

8 REMOTE CONTROL



※ OPTION ※

9 RGB CABLE



※ OPTION ※

10 AV IN/OUT CABLE



※ OPTION ※

11 AV GENDER CABLE



※ OPTION ※

12 AV GENDER BOARD



※ OPTION ※

13 TOUCH CABLE



※ OPTION ※

14 USB AUX



※ OPTION ※



※ OPTION ※



※ OPTION ※

■ DUO IU97RJH(HDMI) SPEC

1. INPUT SPEC

- 1 x Analog RGB Input(GPS system output)
- 1 x Digital RGB Input(GPS system output)
- 1 x LVDS Input
- 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 SPEC

- 1 x CVBS
- 1 x Audio L/R

3. POWER SPEC

- Input power : 8VDC ~ 24VDC
- Consumption : 5WATT

4. SIZE

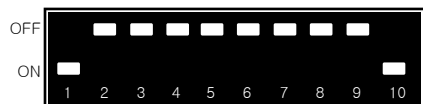
- DUO IU97RJH(HDMI)
- 163*103*19mm(Width*Length*Height)

5. POWER 24pin

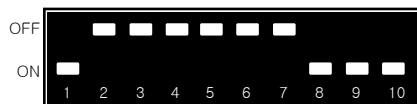


■ DIP S/W-DUO IU97RJH(HDMI)

OFF : ↑ (UP) / ON : ↓ (DOWN)



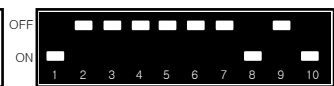
VELAR DUO, SPORTS DUO
VOGUE DUO, EVOQUE DUO



DISCOVERY SPORTS P250



LAND ROVER 8"



NEW DEFENDER 10.2"



NEW VELAR 10.2"

– NAVI : X3, Z1, CS3, X1 CUBE, CUBE HD, BF600G, MOTOROID

PIN	FUNCTION	MONITOR TYPE SETTING
1	GPS INPUT MUTE	OFF : DO NOT USE GPS ON : USE GPS
2	NC	
3	VIDEO IN MOTION ON/OFF (PLEASE SET DIP SWITCH 3 ON WHEN CONNECT WIRES FOR VIDEO IN MOTION)	OFF : TV FREE FUNCTION OFF) ON : TV FREE FUNCTION ON)
4	REAR CAMERA	OFF : OEM CAMERA ON : AFTERMARKET CAMERA
5	NC	
6		
7		
8		
9		
10	ON	

POSITON OF HEAD UNIT

VELAR DUO

SPORTS DUO

EVOQUE DUO

VOGUE DUO -

DISCOVERY SPORTS P250

LEFT OR RIGHT
SIDE OF TRUNK

UNDER THE SEAT

PRECAUTION

NEW EVOQUE DUO

※POWER “**MUST**” CONNECTS B+.※

※ PLEASE SET DIP SWITCH 3 ON BEFORE USING VIDEO IN MOTION ※

■ DIP S/W-DUO IU97RJH(HDMI)

Car Brand	Model	Year Range	Screen Size	Dip Switch Setting
RANGE ROVER	VELAR DUO	2018~	10.2"	
	SPORTS DUO	2018~	10.2"	
	VOGUE DUO	2018~	10.2"	
	EVOQUE DUO ※ POWER "MUST" CONNECTS B+. ※	2019~	10.2"	
	DISCOVERY SPORTS P250	2020	10.2"	

PRECAUTION

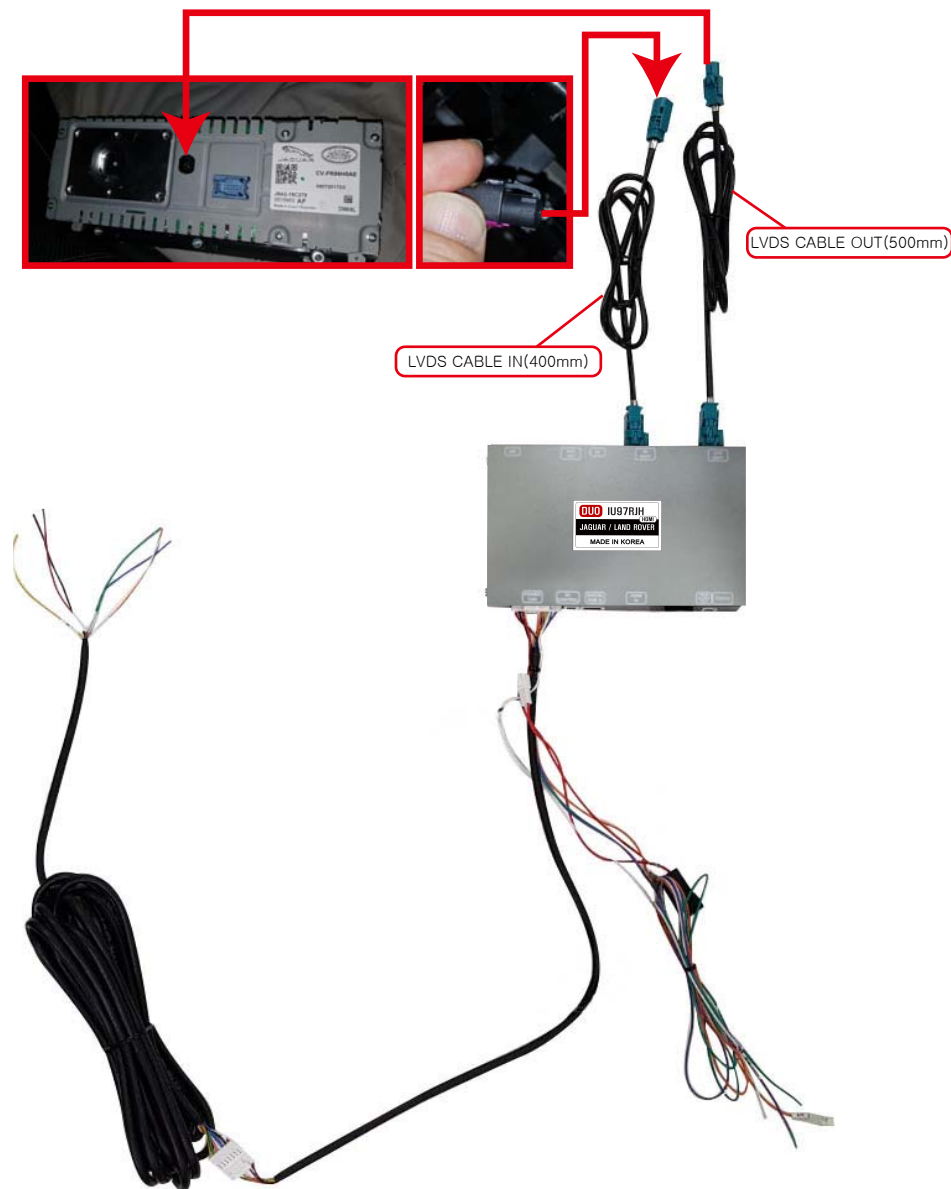
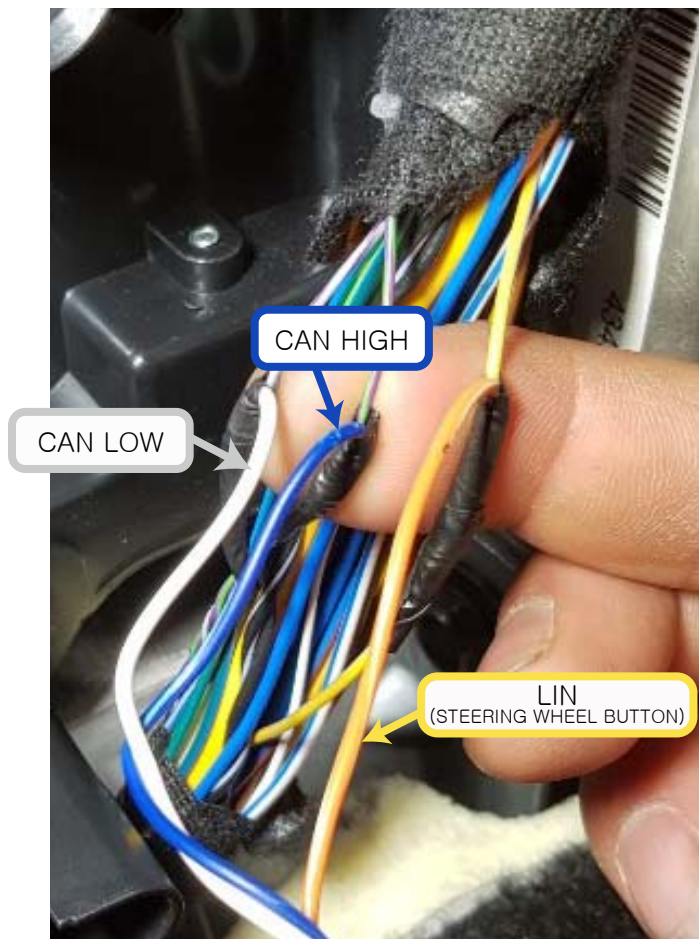
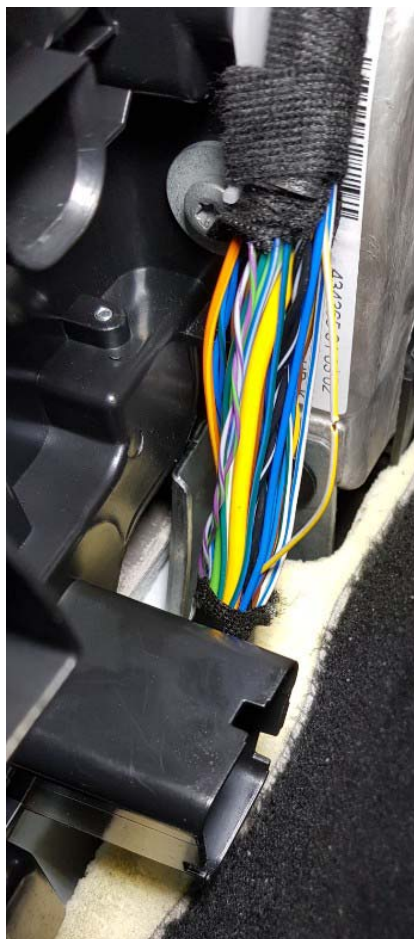
NEW EVOQUE DUO

※ POWER "MUST" CONNECTS B+. ※

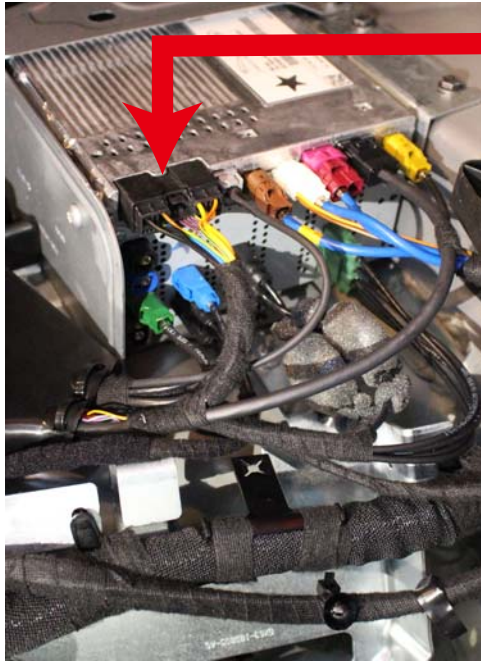
■ INSTALLATION OF VELAR

DUO IU97RJH(HDMI)

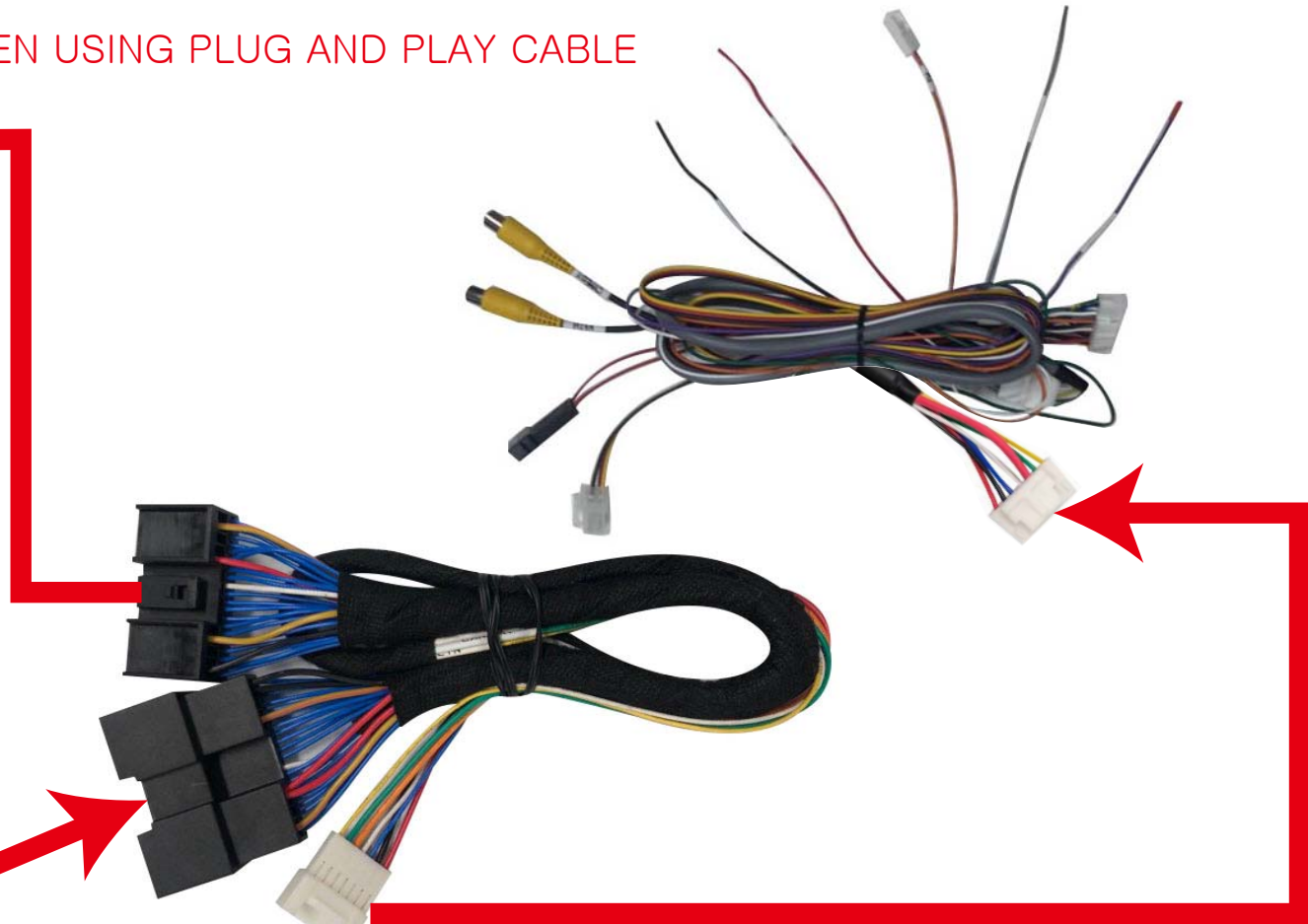
-CENTER FASCIA



- NO VIDEO IN MOTION– DIP S/W 3 OFF
- SPORT, EVOQUE, VOGUE (HEADUNIT POSITION – UNDER THE PASSENGER SEAT)
- INSTALLATION METHOD WHEN USING PLUG AND PLAY CABLE



OEM HARNESS

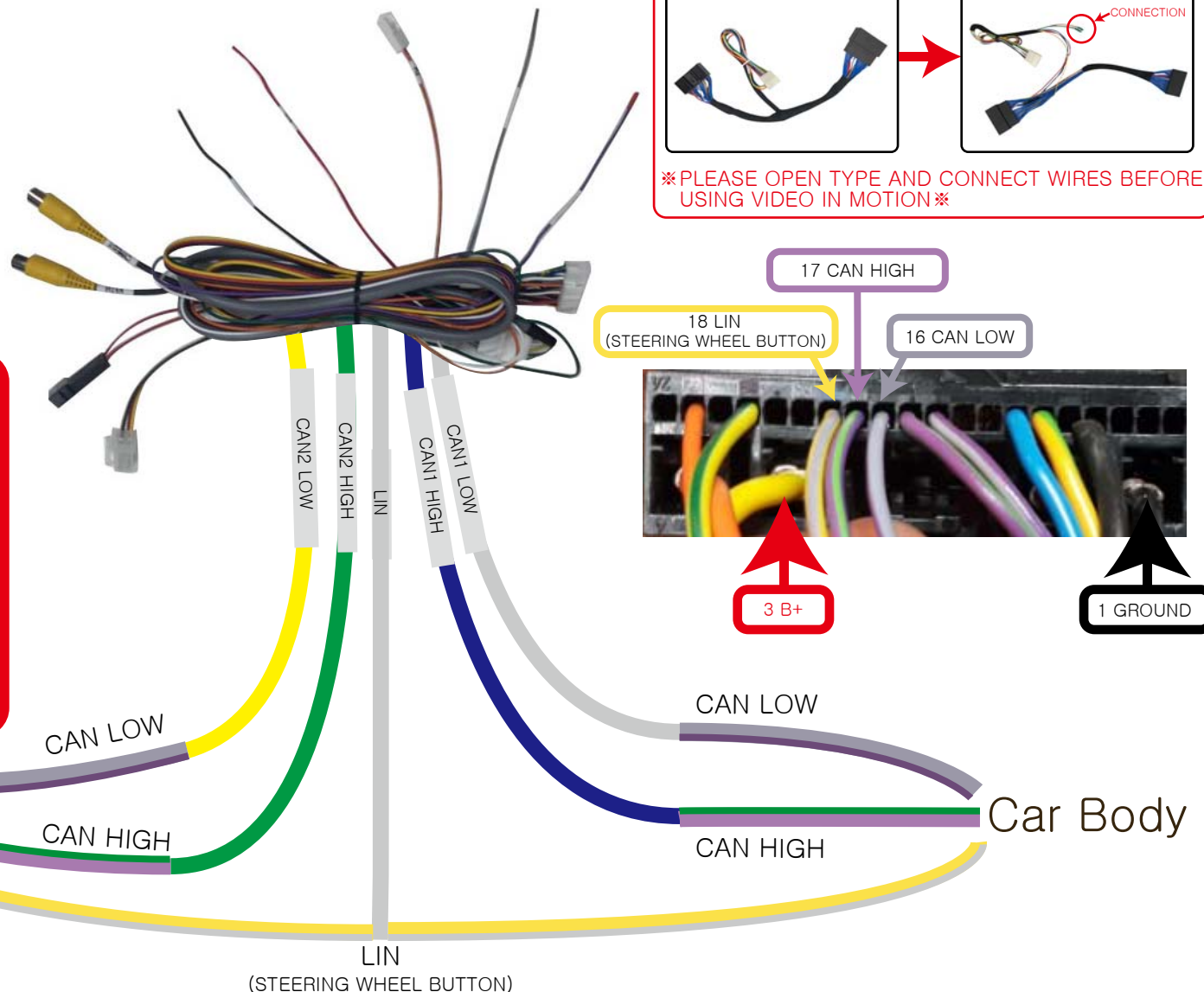
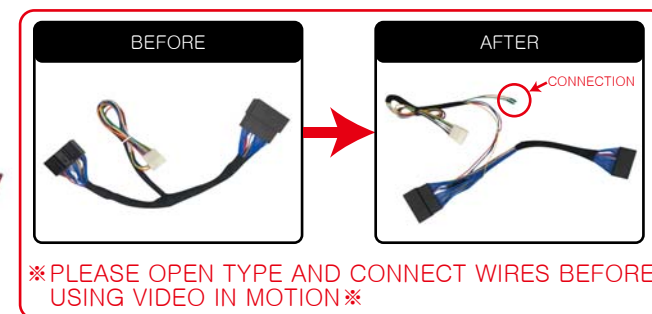


PRECAUTION

NEW EVOQUE DUO

※POWER “**MUST**” CONNECTS B+。※

- VIDEO IN MOTION- **DIP S/W 3 ON**(NO VIDEO WHEN DIP SWITCH 3 OFF)
 VELAR (HEADUNIT POSITION - INSIDE OF TRUNK)

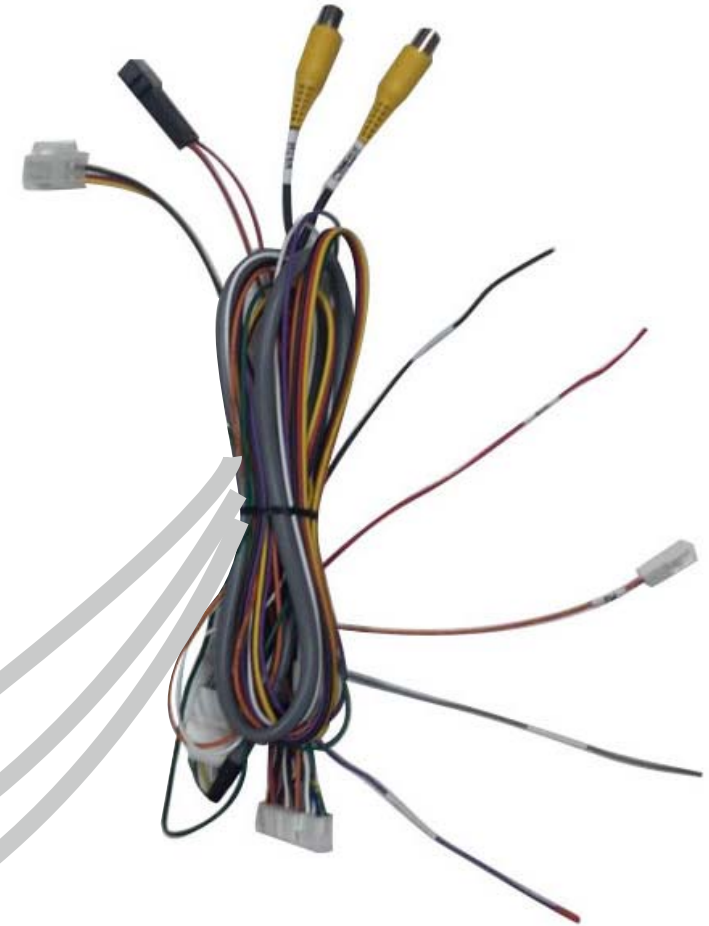
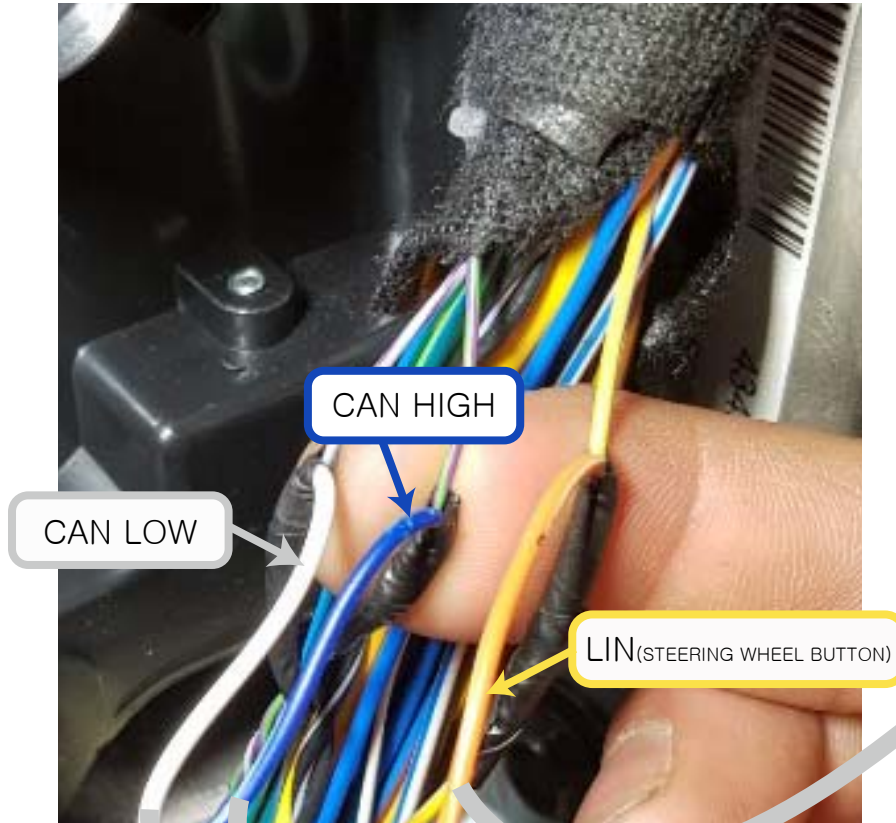
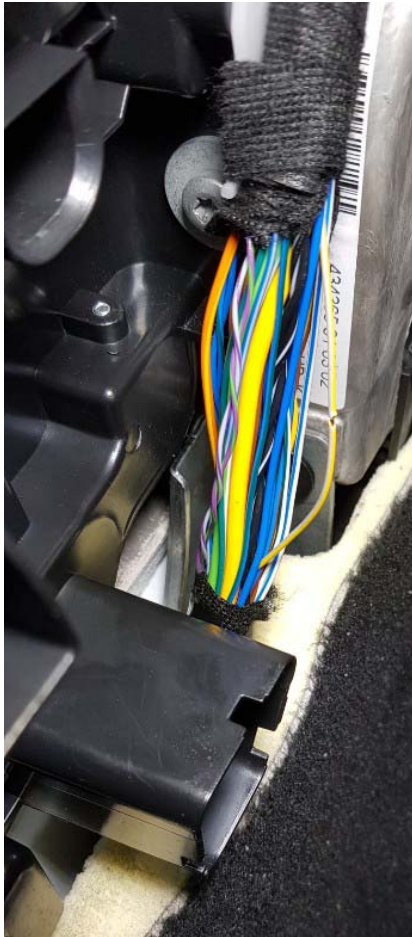


PRECAUTION

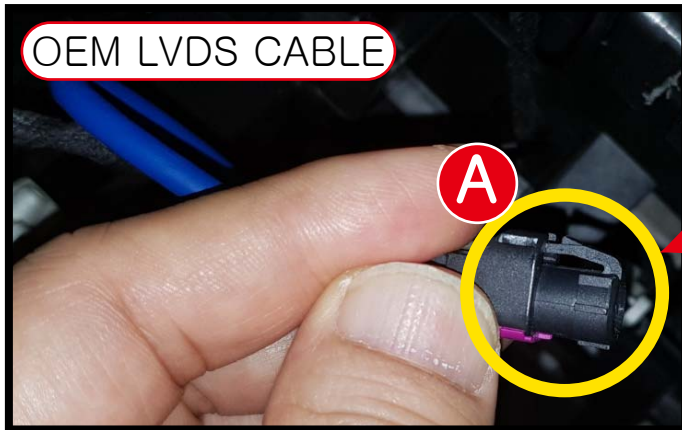
NEW EVOQUE DUO

※ POWER **"MUST"** CONNECTS B+. ※

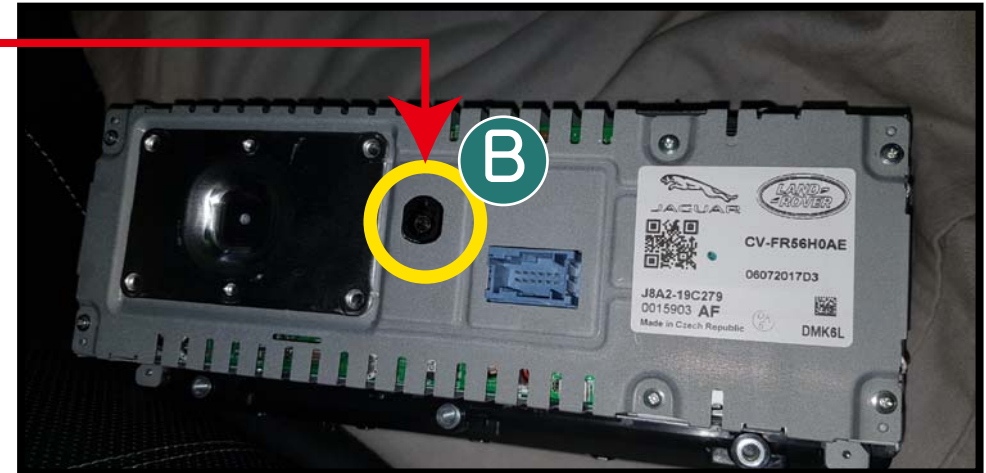
■ INSTALLATION OF NO VIDEO IN MOTION- DIP S/W 3 OFF VELAR CAN(CENTER FASCIA)



DUO VELAR LVDS INSTALLATION

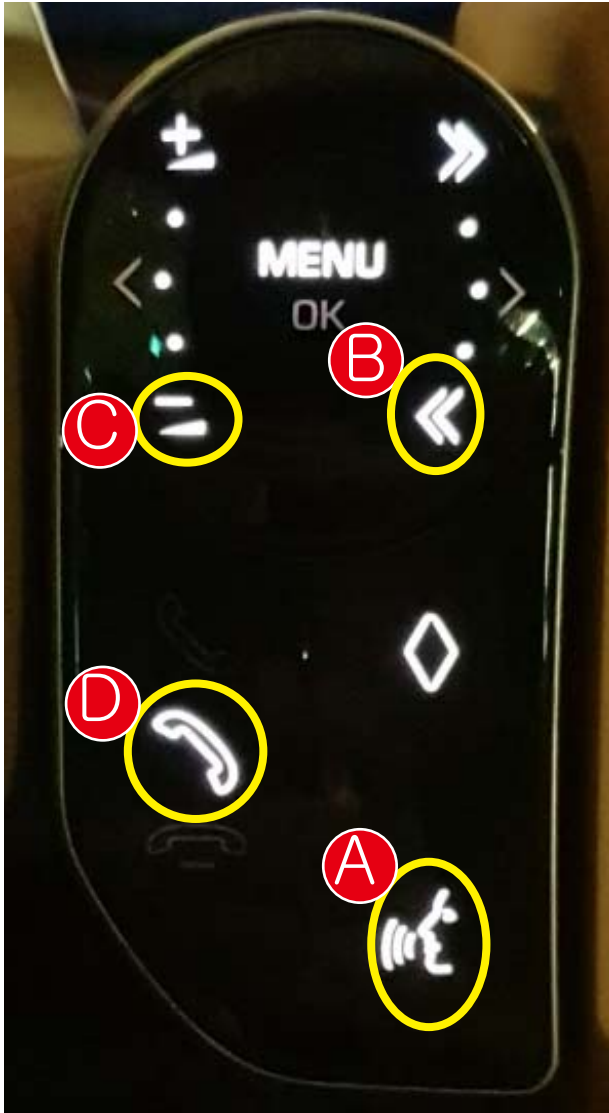


A DISCONNECT OEM LVDS CABLE. CONNECT IT WITH LVDS IN OF OUR VIDEO INTERFACE.



B CONNECT OUR LVDS OUT WITH BACK OF SCREEN.

■ HOW TO SWITCH SCREEN – DUO VELAR

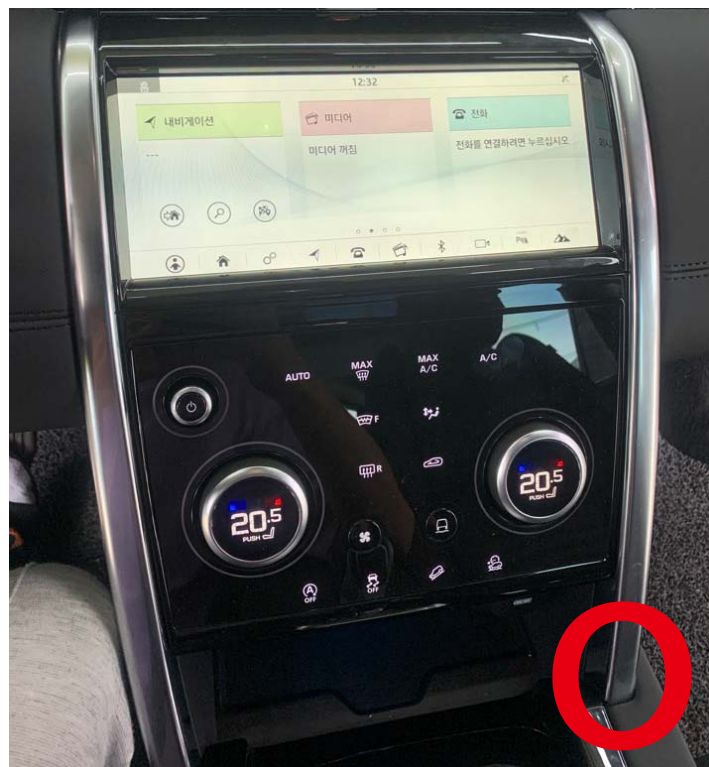


- A** HOLD VOICE BUTTON 2S TO SWITCH MODE
- A** HOLD VOICE BUTTON 3S WHEN IN REVERSE TO SWITCH MODE BETWEEN OEM FACTORY REAR CAMERA AND AFTERMARKET REAR CAMERA(PLEASE SET RTC FUNCTION ON ON OUR OSD MENU)
- B** HOLD LEFT BUTTON 3S TO SWITCH PIP MODE (FULL SCREEN OF AFTERMARKET <-> AFTERMARKET + OEM PDC)
- C** HOLD VOLUME “-” BUTTON 7S TO SET VIDEO IN MOTION ON/OFF
(PLEASE SET DIP SWITCH 3 ON BEFORE USING THIS FUNCTION)
- D** PRESS PHONE BUTTON TO SWITCH BACK TO OEM SCREEN
(PLEASE HOLD PHONE BUTTON 6S TO SET SWITCH FUNCTION ON/OFF)

OEM → GPS → AV1 → AV2 → AV3 → HDMI

RANGE ROVER MONITOR

DUO IU97RJH(HDMI)
 INTERFACE
 APPLICABLE MONITOR



DISCOVERY SPORTS P250



TOUCH PRO(DUO)

DUO IU97RJH(HDMI)
 INTERFACE
 NOT
 APPLICABLE MONITOR



TOUCH

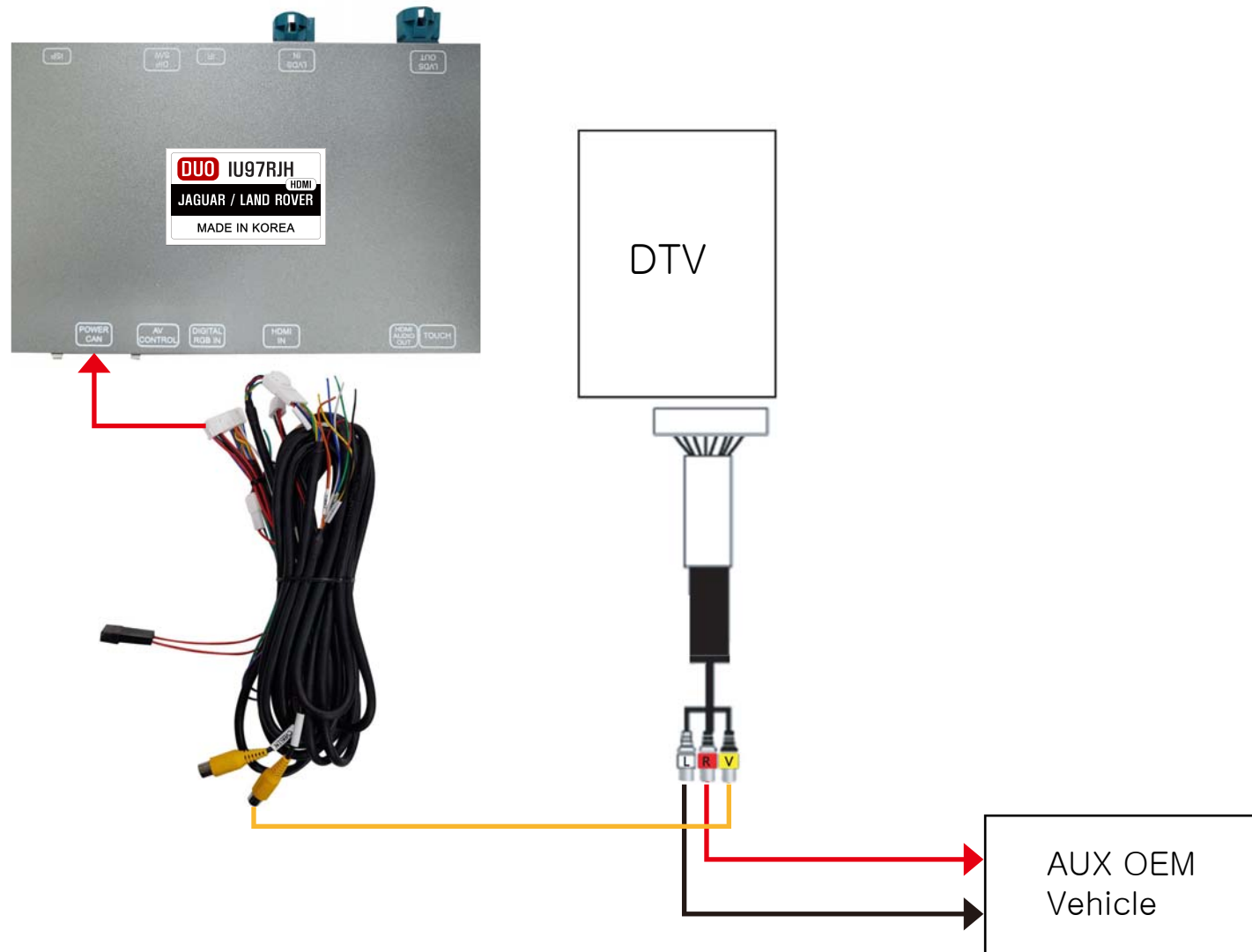


TOUCH PRO



TOUCH PRO DUO(DUAL VIEW)

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



HOW TO CONNECT WHEN YOU USE MORE THAN 2 AV INPUTS

