



2018 NEW RANGE ROVER (TOUCH PRO DUO)

1. DUO SP37RJ

MAIN UNIT



DUO SP37RJ

Car Brand	Model	Year Range	Screen Size
RANGE ROVER	VELAR DUO	2018~	10.2"
	SPORT DUO	2018~	10.2"
	VOGUE DUO	2018~	10.2"

COMPONENTS

1 MAIN UNIT(DUO SP37RJ) 	2 SUB BOARD(DUO DR80) 	3 POWER CABLE 	4 LVDS CABLE IN(400mm)
5 LVDS CABLE OUT(500mm) 	6 HDMI CABLE 	7 IR CABLE 	8 GROUND EXTENTION CABLE
9 RGB CABLE 	10 TOUCH CABLE 	11 AV GENDER CABLE ※ OPTION ※	12 AV GENDER BOARD ※ OPTION ※
13 AV IN/OUT CABLE ※ OPTION ※	14 4PIN FILM ※ OPTION ※	15 REMOTE CONTROL ※ OPTION ※	16 USB AUX ※ OPTION ※

■ SPEC OF DUO SP37RJ

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)
- 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

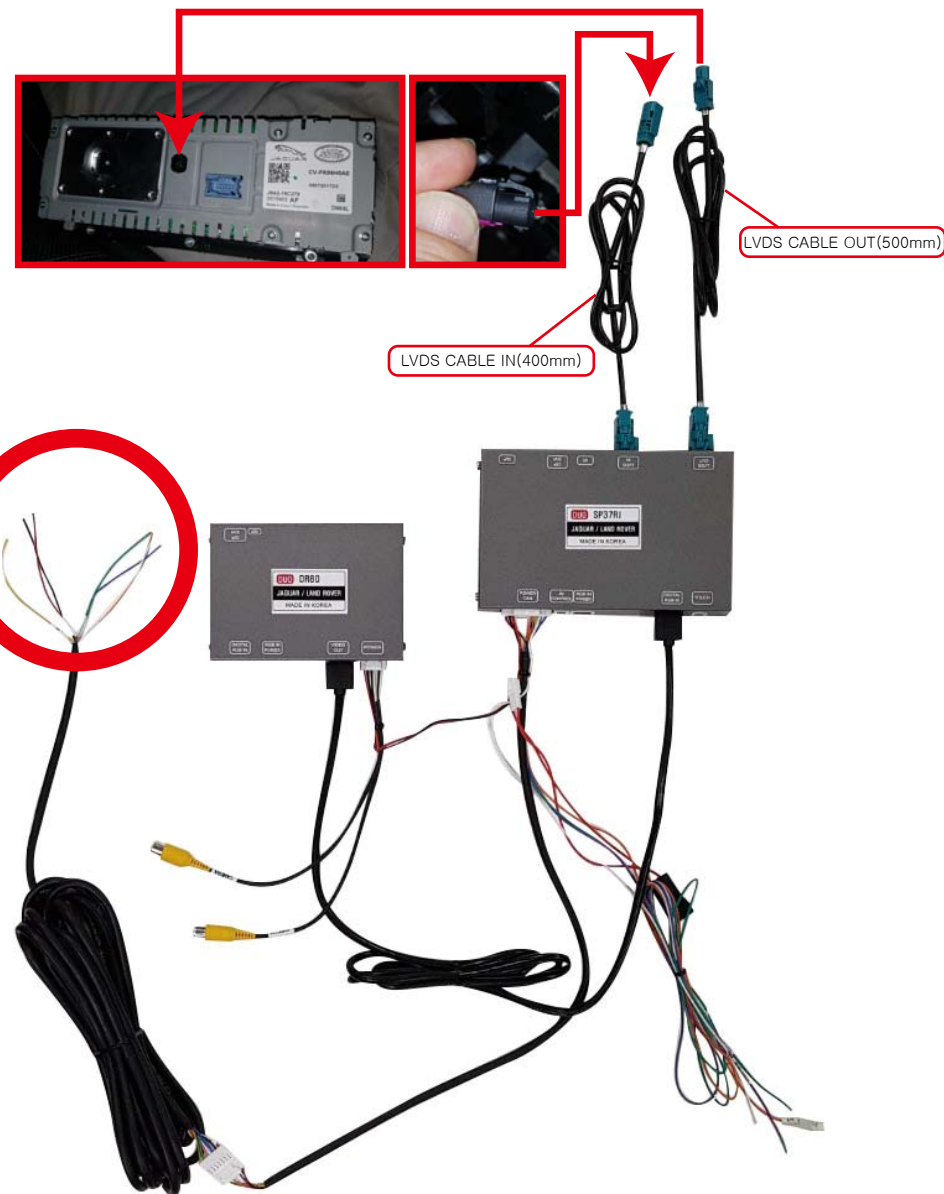
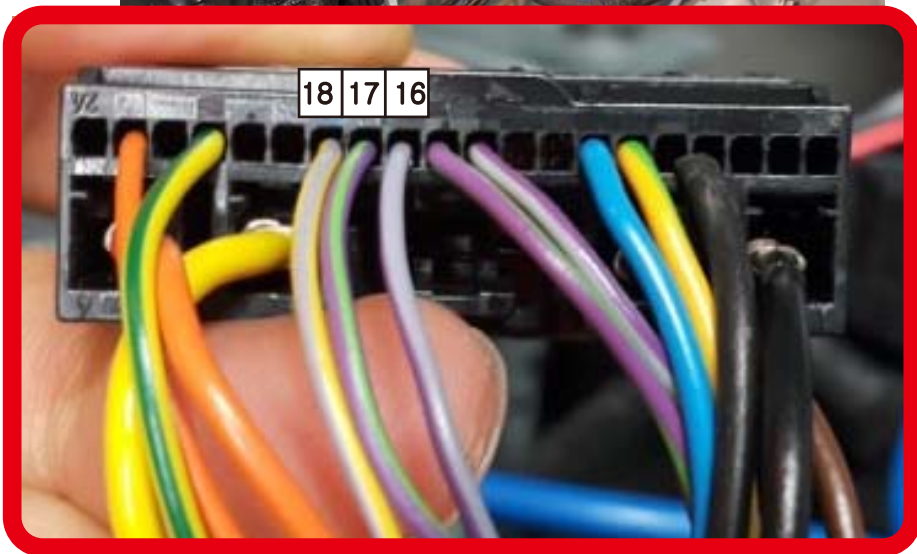
SP37RJ 163*103*19mm(Width*Length*Height)

DR80 124*88*19mm(Width*Length*Height)

5. POWER 24pin



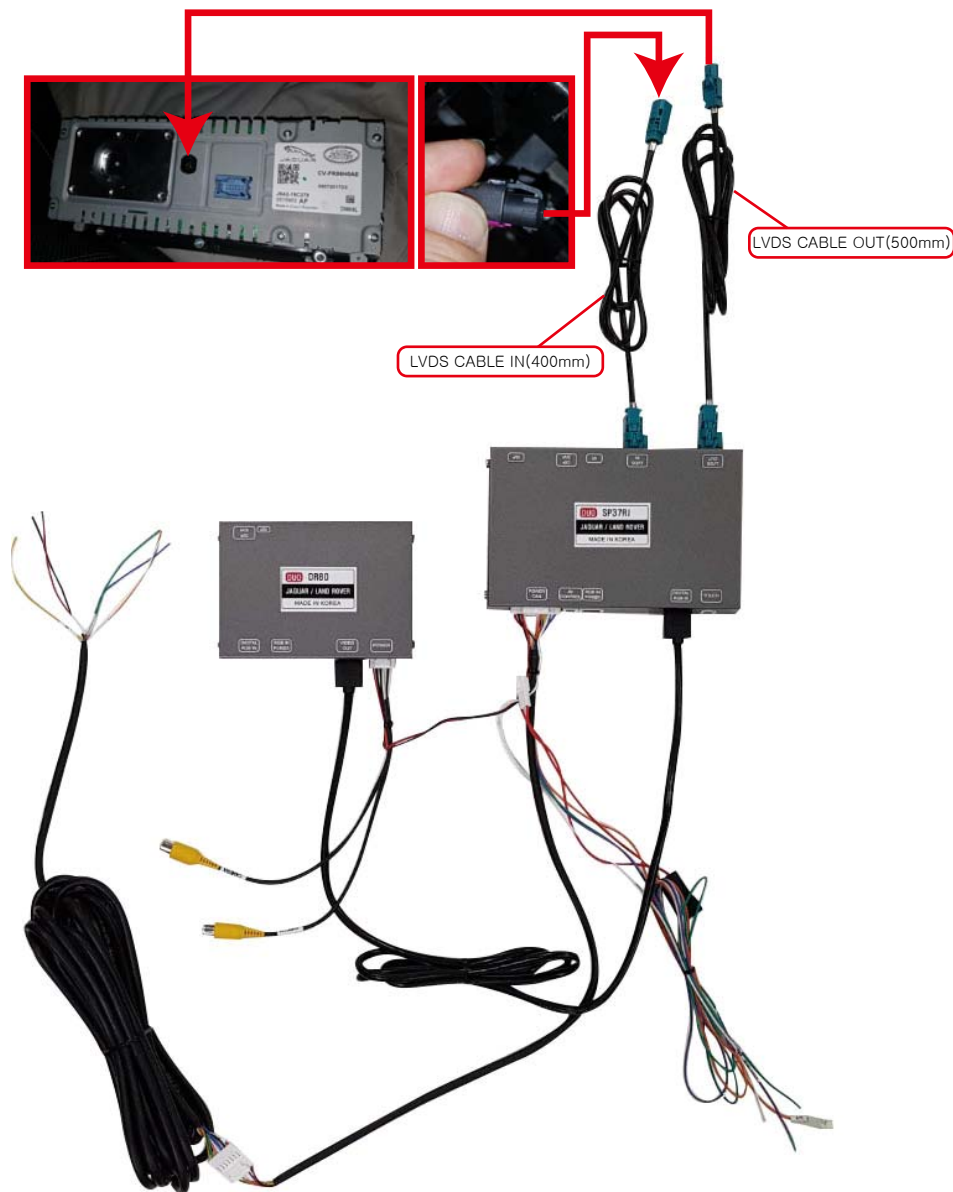
■ INSTALLATION(2-1)-VELAR (DUO SP37RJ)



■ INSTALLATION(2-2)-VELAR (DUO SP37RJ)

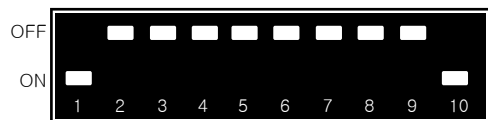


* PLEASE CONNECT GROUND ON DR80
WHEN YOU INSTALL GPS, DTV, DVD.*

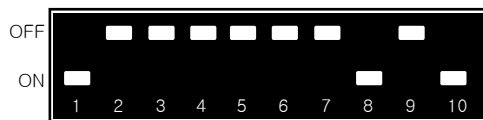


DIP S/W(DUO SP37RJ)

OFF : ↑ (UP) / ON : ↓ (DOWN)



VELAR

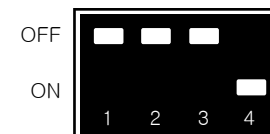


SPORTS

PIN	FUNCTION	MONITOR TYPE SETTING
1	GPS INPUT MUTE	OFF : USE GPS ON : DO NOT USE GPS
2	NC	
3	VIDEO IN MOTION ON/OFF	OFF : TV FREE FUNCTION OFF) ON : TV FREE FUNCTION ON)
4	REAR CAMERA	OFF : OEM FACTORY CAMERA ON : AFTERMARKET CAMERA
5	NC	
6	NC	
7	NC	
8	NC	
9	NC	
10	ON	

DIP S/W(DUO DR80)

OFF : ↑ (UP) / ON : ↓ (DOWN)



DUO DR80

POSITON OF HEAD UNIT

VELAR

SPORTS

TRUNK

PASSENGER SEAT

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

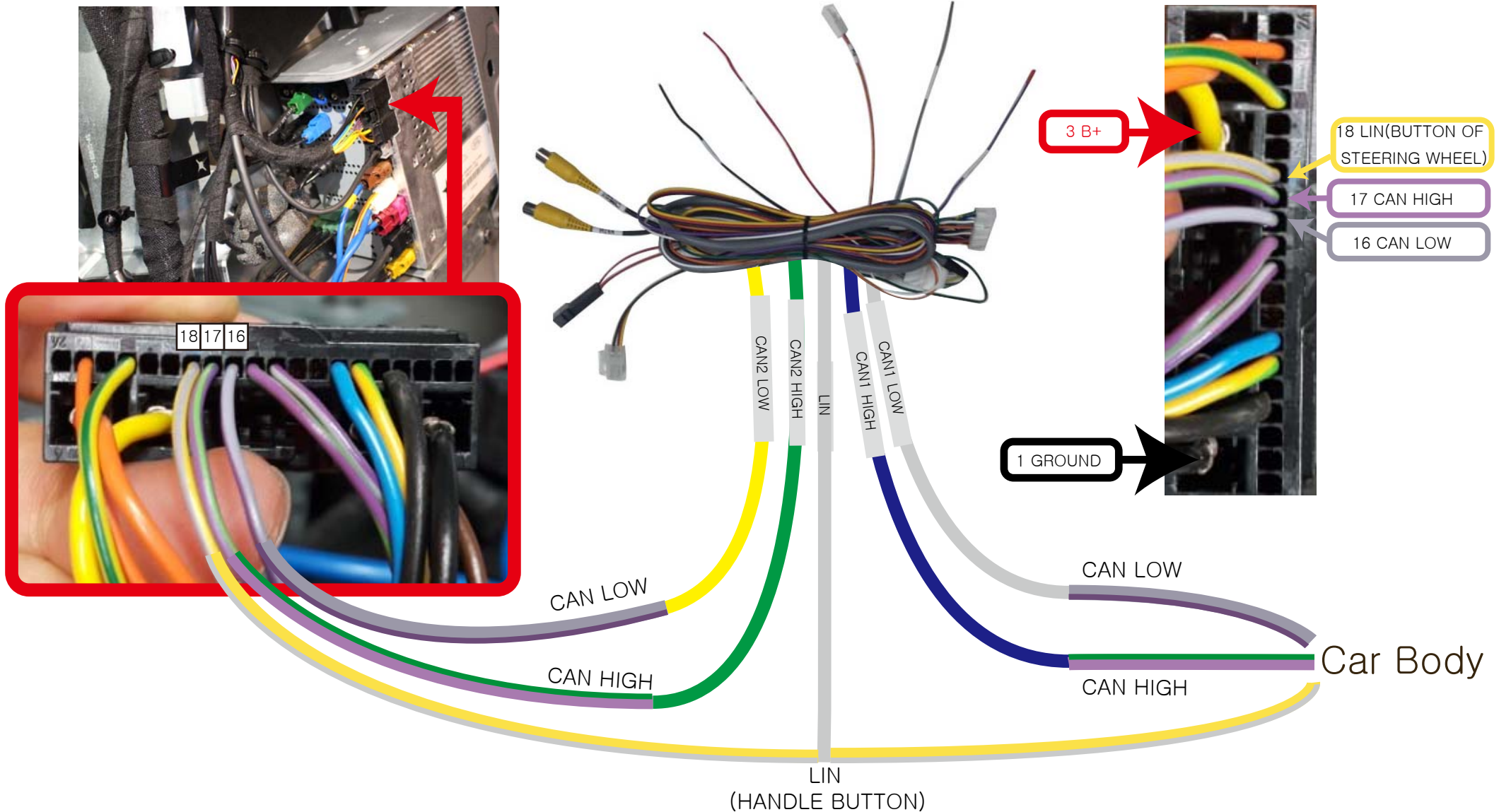
■ DIP S/W(DUO SP37RJ)

Car Brand	Model	Year Range	Screen Size	Dip Switch Setting
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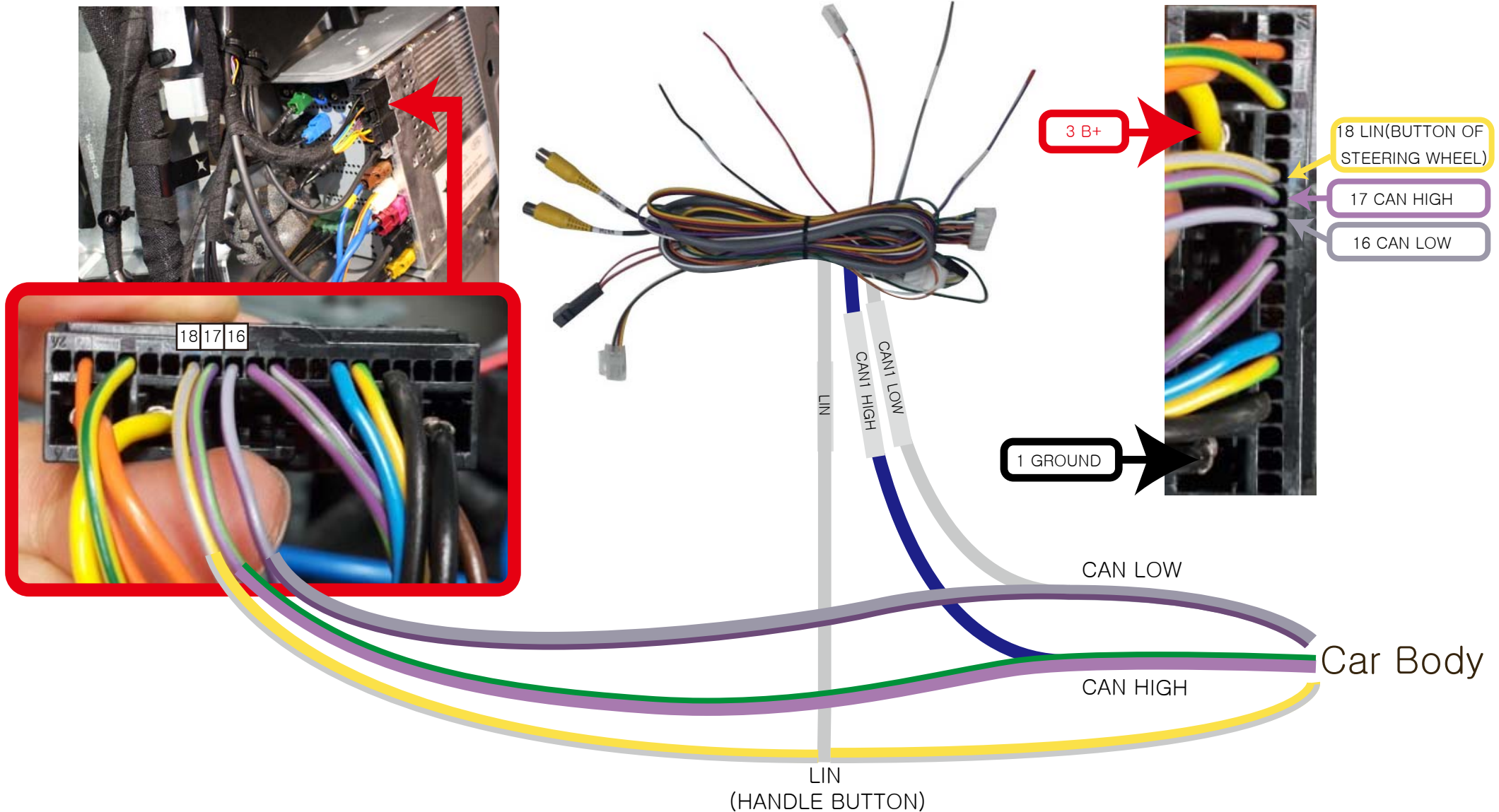
■ DIP S/W(DUO DR80)

Car Brand	Model	Year Range	Screen Size	Dip Switch Setting
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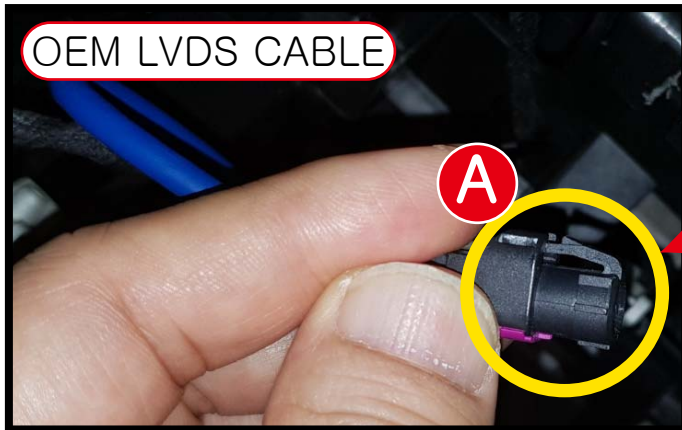
❖ **PLEASE SET DIP SWITCH 3 ON** BEFORE USING VIDEO IN MOTION ❖
VELAR CAN INSTALLATION (HEADUNIT IS IN LEFT OF RIGHT SIDE OF TRUNK)



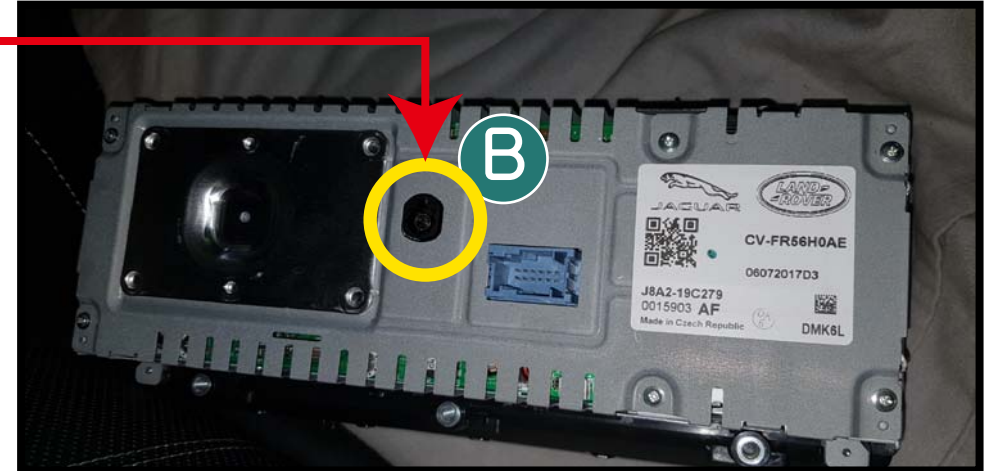
❖ **PLEASE SET DIP SWITCH 3 OFF** IF YOU DO NOT USE VIDEO IN MOTION ❖
VELAR CAN INSTALLATION (HEADUNIT IS IN LEFT OF RIGHT SIDE OF TRUNK)



■ INSTALLATION OF DUO VELAR LVDS IN/OUT

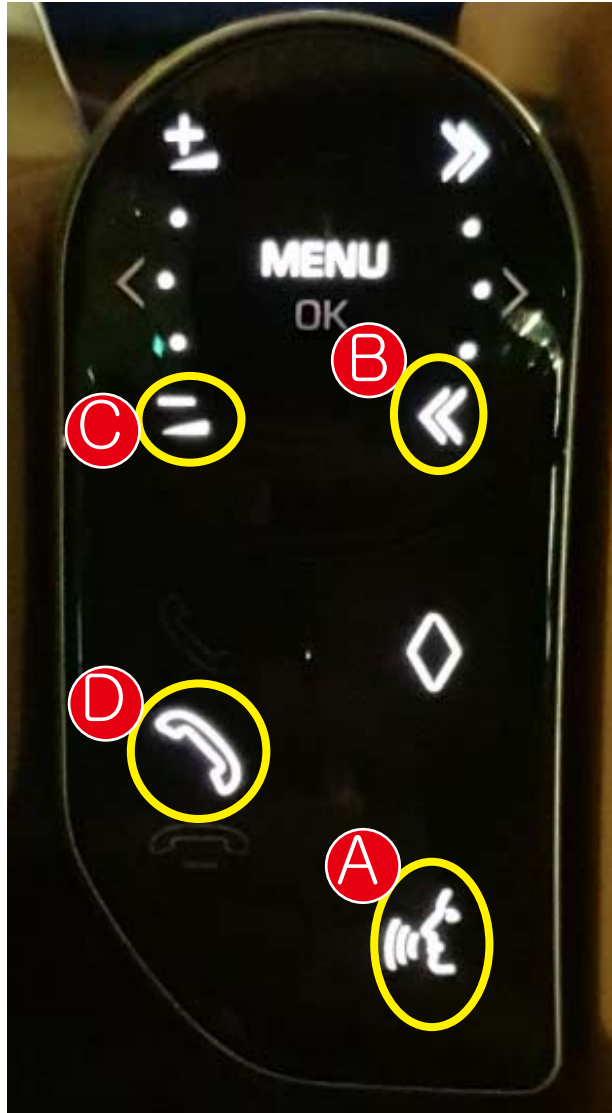


PLEASE DISCONNECT OEM LVDS CABLE **A**, AND INSERT INTO LVDS IN PORT OF OUR VIDEO INTERFACE



PLEASE USE OUR LVDS CABLE **B** TO INSERT INTO LVDS PORT OF OEM SCREEN

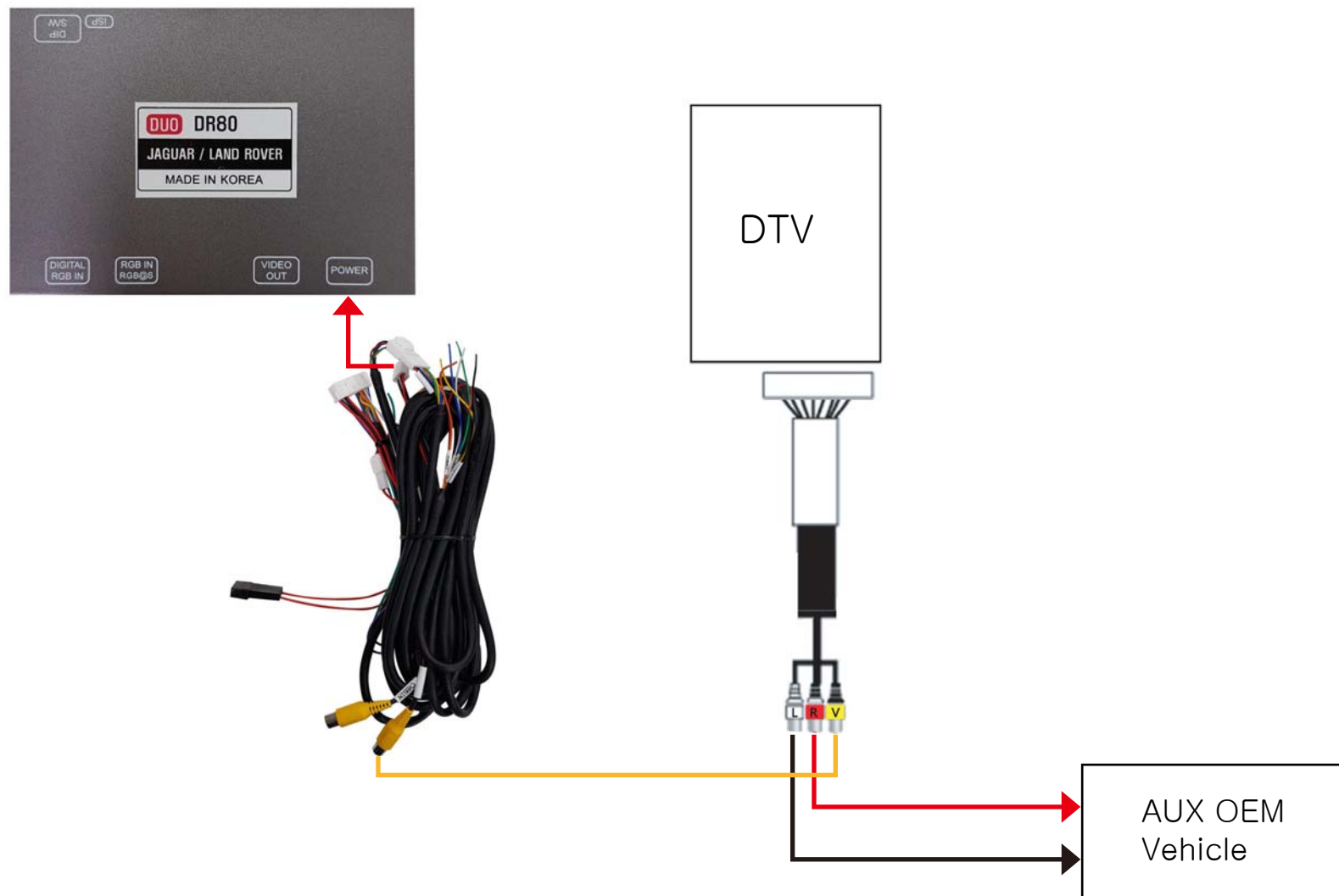
■ DUO VELAR – FUNCTION OF OEM BUTTONS



- 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
 ↑

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



HOW TO CONNECT WHEN YOU USE MORE THAN 2 AV INPUTS

