

Instruction Manual

Cayenne, Touareg

HD-MIB2










HDMI INTERFACE

DATE.

2018.09.21



COMPONENTS

		
MIB2	Power/ CAN Cable	AV Cable
		
Universal Cable	LVDS Cable	USB Cable
		
Key Pad	IR Cable	Quad Lock Cable (OPTION)

SPEC

※ INTERFACE

Input Spec. 1 x HDMI IN (1280x720),
1 x NAVI IN (Digital LVDS)
2 x A/V (External Video Source)

Output Spec. 1 x LVDS
1 x 5V-OUT

Power Spec. Input power : DC 8V~28V
Continuous Power Dissipation : 2.5W
Operating Temperature :-15°C ~ +70°C

CONNECTOR PIN ASSIGNMENT

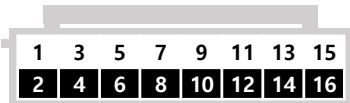
Power Cable (POWER/CAN)



1	3	5	7	9	11	13	15
Yellow		Purple	Green	Green	White	Purple	Orange
BATTERY	N.C	VDD-12V	REVERSE	AUDIO_MMI	ECU_CAN_IN_H	MON_CAN_IN_H	MON_CAN_OUT_H
2	4	6	8	10	12	14	16
Black			Orange		Blue	Brown	Green
GND	N.C	N.C	REAR_12V	OMNI_KEY	ECU_CAN_IN_L	MON_CAN_IN_L	MON_CAN_OUT_L

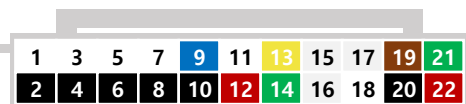


AV Cable (AV IN)



1	3	5	7	9	11	13	15
White	White	White	White	White	White	White	White
AV1_IN_V	AV1_IN_R	AV1_IN_L	AV2_IN_V	AV2_IN_R	AV2_IN_L	FRONT_IN	REAR_IN
2	4	6	8	10	12	14	16
Black	Black	Black	Black	Black	Black	Black	Black
GND	GND	GND	GND	GND	GND	GND	GND

Universal Cable (AV IN/OUT)



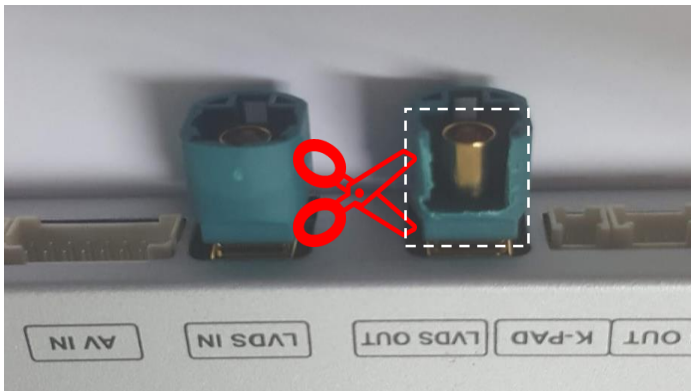
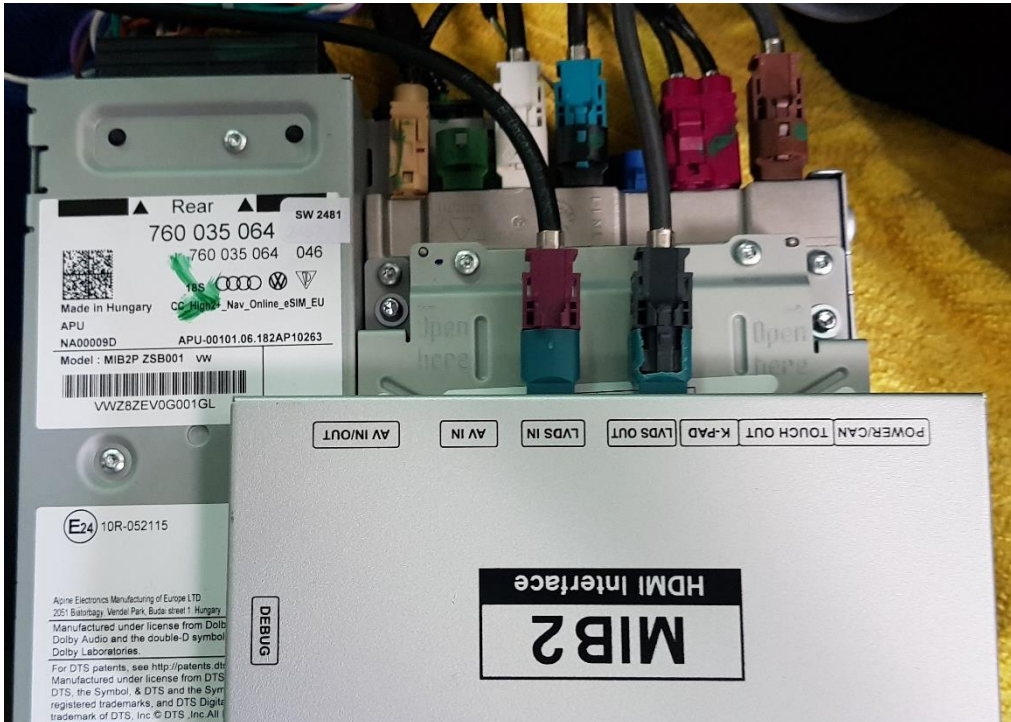
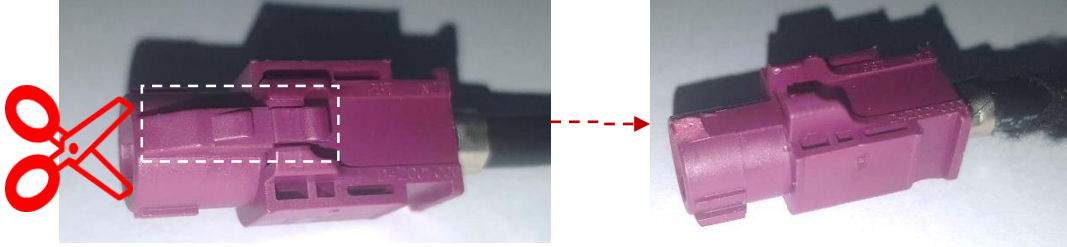
1	3	5	7	9	11	13	15	17	19	21
White	White	White	White	Blue	White	Yellow			Brown	Green
NAVI_IN_R	NAVI_IN_L	AUX_OUT_R	AUX_OUT_L	I2C_CAP_SCL	I2C_CAP_SDA	CAP_TU_INT	NAVI_RXD	NAVI_TXD	DVB-T_IR	DVD_IR
2	4	6	8	10	12	14	16	18	20	22
Black	Black	Black	Black	Black	Red	Green		White	Black	Red
NAVI_GND	NAVI_GND	AUX_GND	AUX_GND	CAP_GND	CAP3.3V	CAP_TU_RST	NAVI_GND	IR_IN	IR_GND	IR_POWER

CABLE CONNECTION

PORSCHE(CAYENNE) / VOLKSWAGEN(TOUAREG)

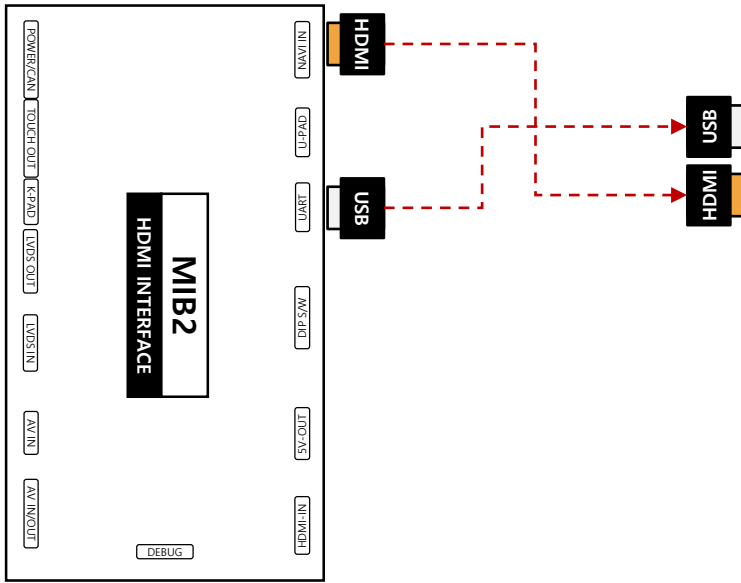


Cut our LVDS cable plastic lock.
(This cable connect to Interface)

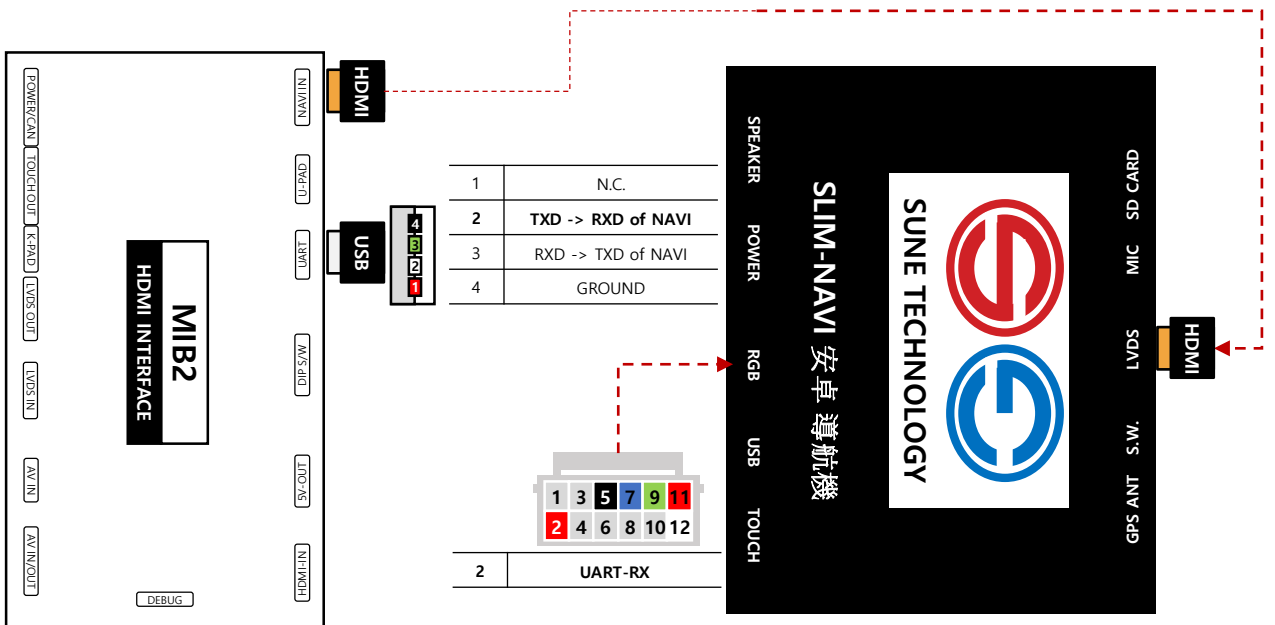


Cut Interface "LVDS OUT" connector.
No need to cut OEM cable and connector.

ANDROID CONNECTION



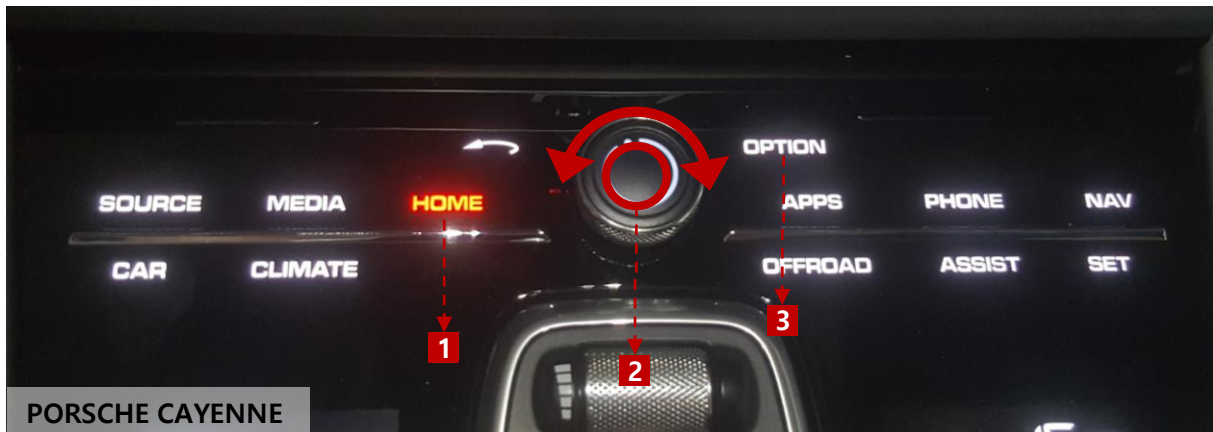
ANDROID CONNECTION SLIM-NAVI



MIB2	SLIM-NAVI
TXD -> RXD of NAVI	UART-RX

OEM BUTTON USAGE

PORSCHE(CAYENNE) / VOLKSWAGEN(TOUAREG)



No.	Button	Press	Function
Radio Button			
1	HOME	Long Press (2sec)	HDMI->NAVI->DVBT->DVD->OEM
		Short Press	Back to oem screen
2	Jog Wheel	Dial, Push	Remote menu choice and move (DVBT,DVD)
3	OPTION	Long Press (2sec)	Change ratio of Screen (for Cayenne) Ratio : Full , 4 : 3

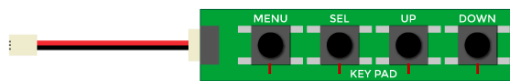
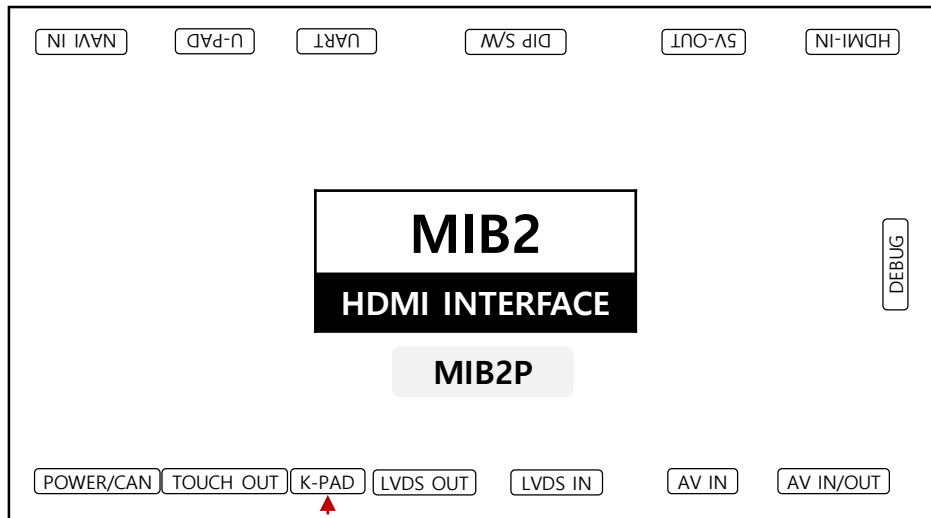
SCREEN RATIO PORSCHE(CAYENNE)



※ RATIO

CAYENNE Press the option button for 2 sec.
The screen is working in 2 steps (Full, 4 :3 Ratio)

INTERFACE SETTING



- **MENU** Enter the setting menu
- **SEL** Select setting menu
- **UP** Moving Up
- **DOWN** Moving Down

