

Installation Manual

(QNAVI-PRO-CDR+)

Update Date	2014.07.23
Model	QNAVI3-1CH-MAIN-2.5
Firmware Date	

Warning / Precautions!



Warning

- Do not modify, dismantle or unintended operation this system outside Qnavi After Sales. Damage occurred by unintended operation may cause Qnavi After Sales service void.



Warning

- Always wear seatbelt. When the vehicle is suddenly stop can cause injury.
- Remove dust, oil, and waste on the display.
- Incidental damages (including, without limitation, consequential damages due to the use of this unit and the dead loss of business profit, changes, loss of memory contents, etc) will not be taken responsibility.
- Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.
- The engine is off while the system operates for long time, battery may be discharged.
- This product is not a substitute for your personal judgment. Any route suggested by this navigation system may never supersede any local traffic regulation. Do not follow route suggestions if the navigation system instructs you to perform an unsafe or illegal maneuver.

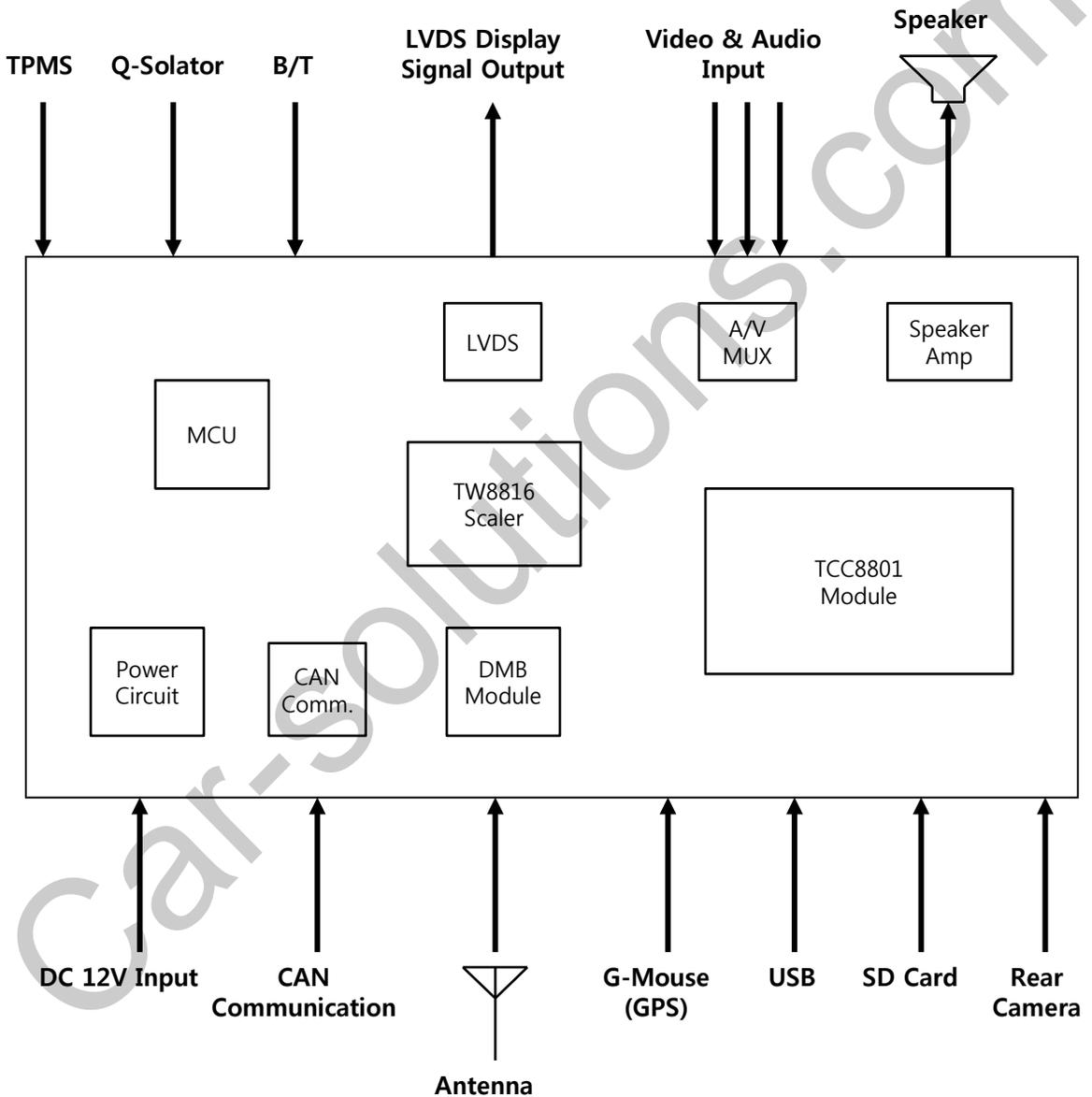
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1. General Spec

INDEX	CONTENTS	INDEX	CONTENTS
CPU	Telechips TCC8801 (ARM Cortex A8), 2.12GHz	Main Memory	ROM 2GB NAND Flash MLC , 512MB DDR2
OS	Windows CE 6.0	External Memory	SDHC (~32GB)
Display	OEM LCD	USB	2.0 (support for recognition of HOST, CLIENT)
GPS	STA8088FG, ST Microelectronics, NMEA 0183, 9600/1 (board rate/port)	SD Card	SD/SDHC(TOSHIBA SDHC Class6)
Audio	MP3, WMA, MP2, OGG, AAC, FLAC, APE	Movie	AVI, ASF, MPG, MP4, RMFF, FLV, M2TS, TS /TP, MKV, WMV
Power	AC power - DC10V ~ DC16V	Operation Temperature	-20°C ~ 70°C
Speaker	1watts, 1 way mono		
External AV IN	Available	External AV OUT	Available

2. System Diagram



3. Components



FFC cable * 2ea
(FFCABL0008)



Button cable * 1ea
(FPCABL0005)



Extension cable * 2ea
(HTOUCH0001)
(HTOUCH0003)



FPC cable * 1ea
(FPCABL0004)



LVDS cable * 1ea
(HLVDS0006)



SD CARD Sub* 1ea
(QCPASS0457)



Sub board * 1ea
(QCPASS0041)



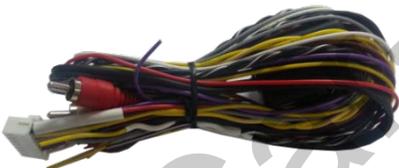
SD CARD Cable* 1ea
(HARETC0080)



DMB ANTENNA * 1ea
(HARETC0008)



Main board * 1ea



Power cable 16P * 1ea
(HPOWER0041)



Multi cable * 1ea
(HARETC0068)



AV/BT cable * 1ea
(HAVCAB0016)



USB cable * 1ea
(HARETC0027)



GPS Antenna * 1ea
(GPSANT0006)



MODE switch cable* 1ea
(HARETC0001)



Speaker * 1ea
(SPEAKE0001)



REAR CAMERA cable * 1ea
(HARETC0002)

3. Componets

(OPTION)



Q-Solator * 1ea
(ETCETC0071)



Q-Solator Cable * 1ea
(HARETC0073)



UART board * 1ea
(QCPASS0440)



TPMS Cable * 1ea
(HARETC0075)



TPMS * 1ea
(ETCETC0095)



Microphone cable * 1ea
(MICPHO0001)

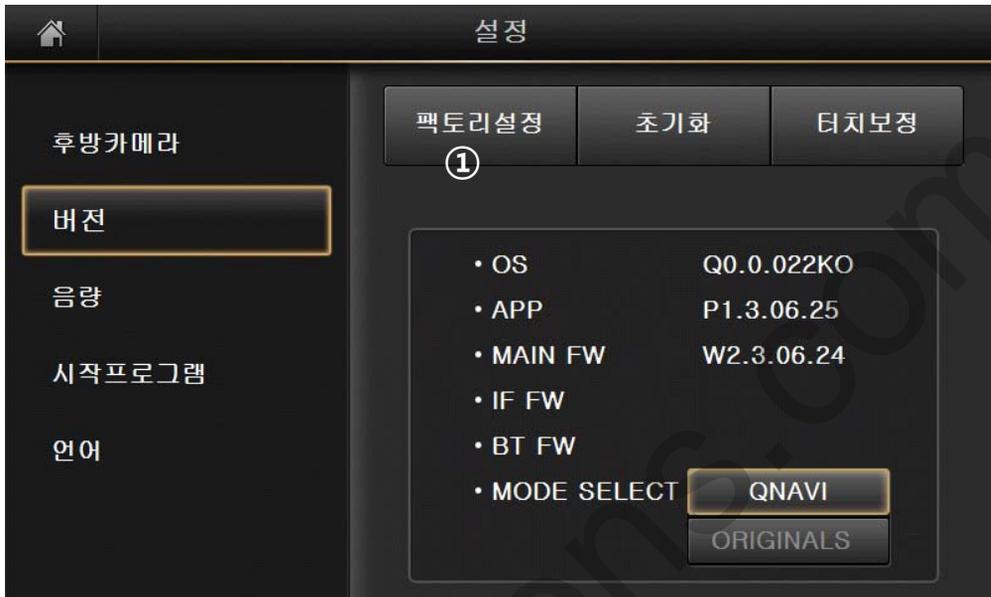


B/T board * 1ea
(QCPASS0447)

4. Dip Switch

1. Dip S/W 7 “OFF” : When press “Phone” button, switch mode to Qnavi phone mode
2. Dip S/W 7 “ON” : When press “Phone” button switch mode to original phone mode

5. Factory Menu



※ Main Menu → Setup → Version, find FACTORY menu

① FACTORY : Upgrade program and change external device settings

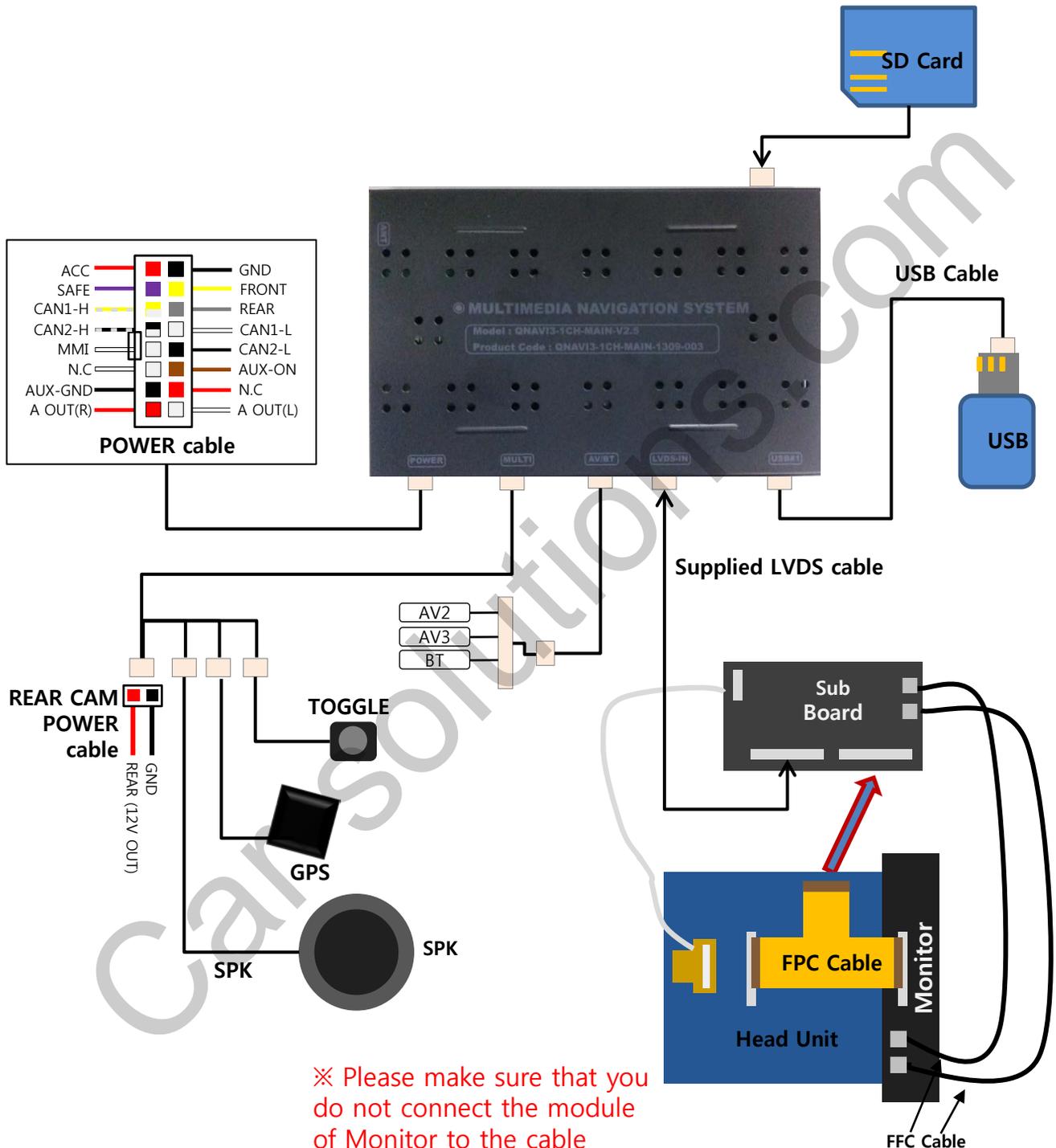
(Password : 4291) – Only for installer

5. Factory Menu



- ① CAR MODEL : **NO USE**
- ② DVD TYPE : Set connected DVD on A/V
(connect IR-AV1 wire with DVD, DVD can be control through touch screen)
- ③ CMMB SELECT : Select DTV model (only for Chinese version)
- ④ UPGRADE : upgrade O/S, APP, BT, FW
- ⑤ DEFAULT : Reset settings
- ⑥ SAVE & REBOOT
- ⑦ GEAR CHECK TYPE : Choose signal recognition method for
detect rear gear (CAN or Wire)
- ⑧ REAR CAM : While using external rear camera "ON".
While using OEM camera "OFF"
- ⑨ Safe Mode : Set watching video while driving
- ⑩ MODE SWITCH : **NO USE**
- ⑪ START UPGRADE : Start upgrading

6. Installation Diagram



※ Please make sure that you do not connect the module of Monitor to the cable directly to prevent from ESD(Electrostatic Discharge). Otherwise, the monitor may get damaged.

7. Installation

7.1 Connecting cables to the monitor

①

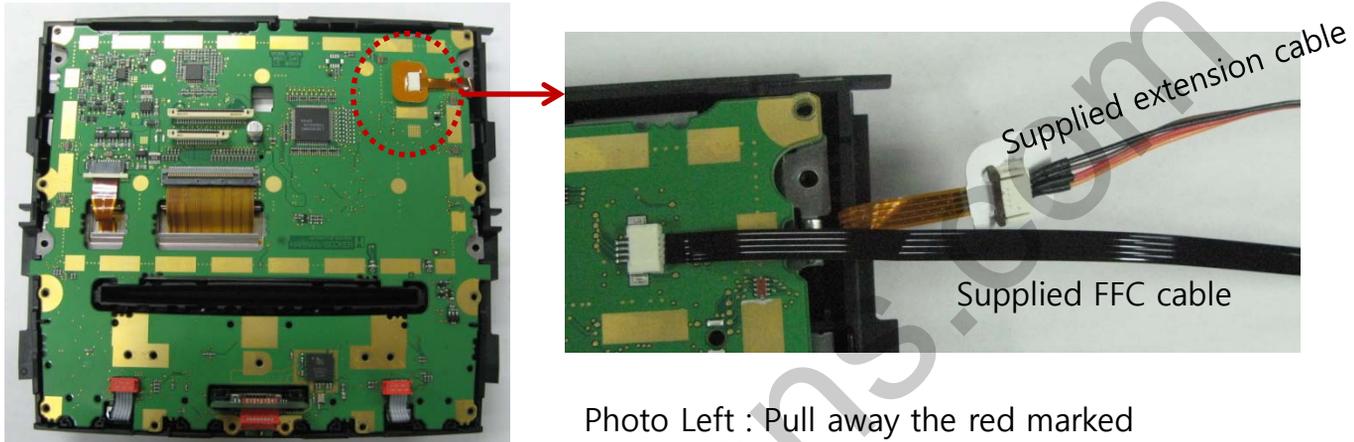


Photo Left : Pull away the red marked original cable and connect to the supplied extension cable. After that, Connect the supplied FFC cable to the port where the original cable was connected.

②

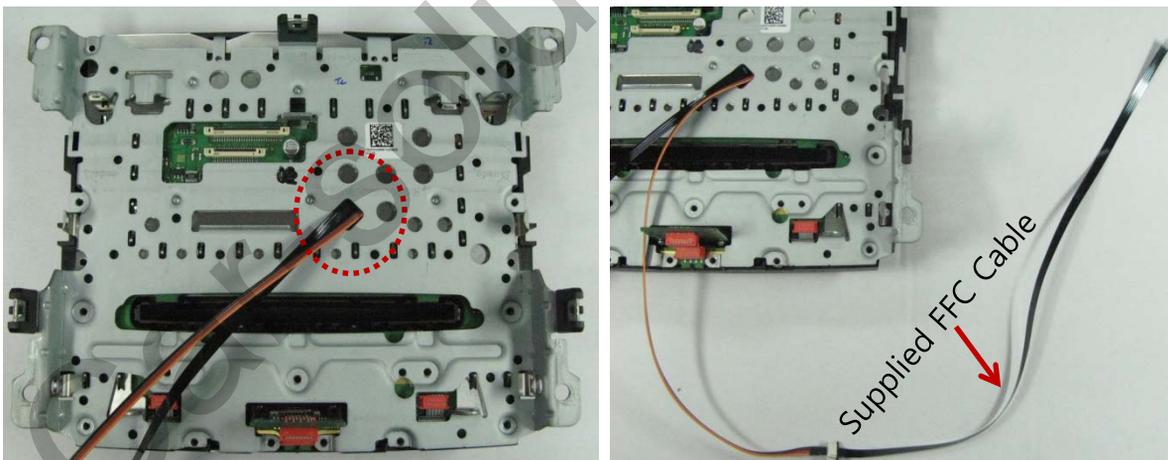
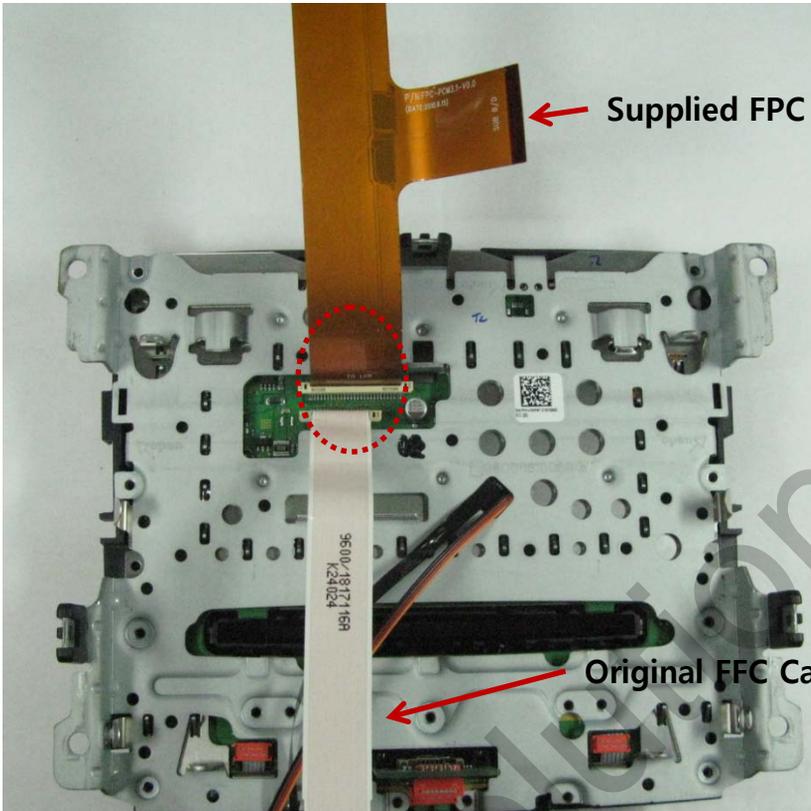


Photo Left : Reassemble the bracket and pass the supplied extension cable through the red marked hole.

Photo Right : Connect the supplied extension cable to the supplied FFC cable.

7. Installation

7.2 Cutting the original FFC cable and connection of the button cable.



Supplied FFC Cable

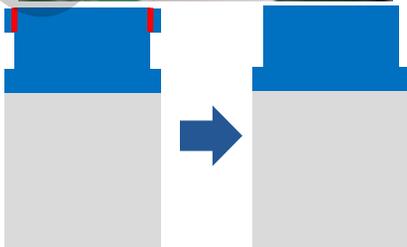
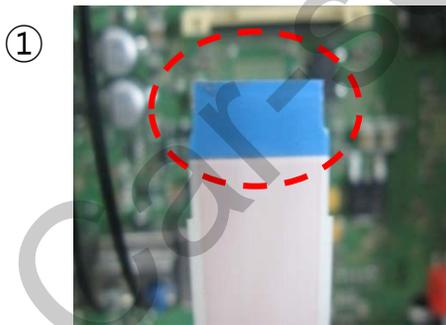
Original FFC Cable

Photo(1) :
Connect the supplied FFC cable and original FFC cable to the red dotted line point.

Please cut both ends of original FFC cable(Photo①) and connect to the button cable.(Photo②)

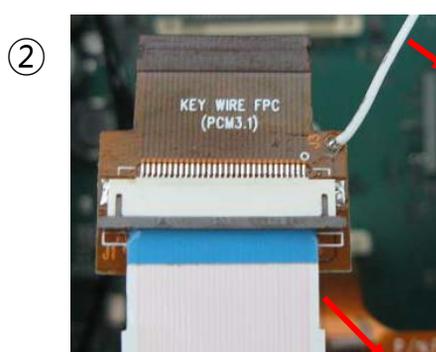
※ Please make sure to cut the original FFC cable carefully to get PIN damaged.

- Photo(1) -



Before cutting

After Cutting



Button Cable

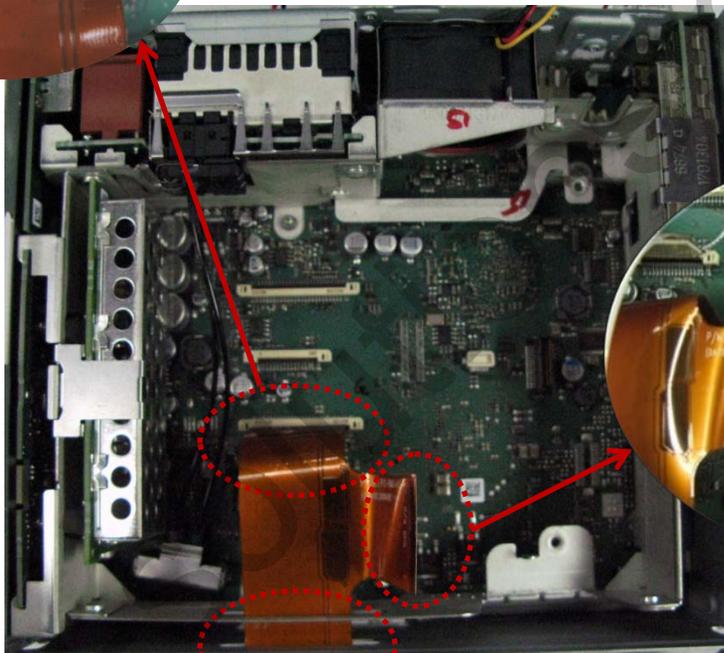
Original FFC Cable

7. Installation

7.3 Pull away original FPC cable



Connect to Head unit



Connect to Sub Board



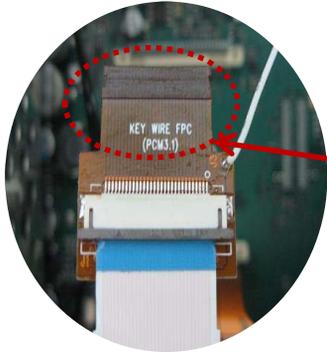
Connect to Monitor

Pull away the original FPC cable and connect the supplied 'T' type FFC cable to Head unit and the supplied Sub-board respectively.

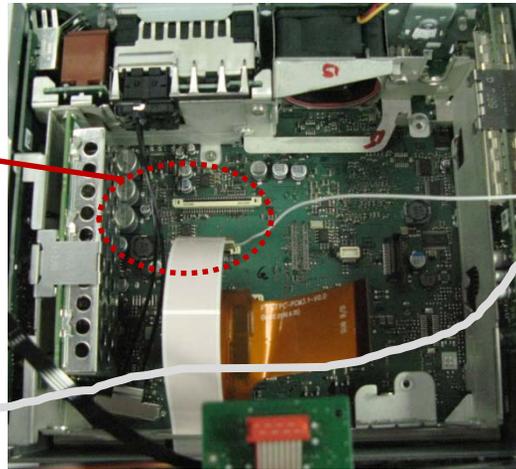
Please make sure that you need to connect FPC cable considering the side of FPC cable and types of the connector(Button Contact/ Top Contact) not to get head unit damaged.

7. Installation

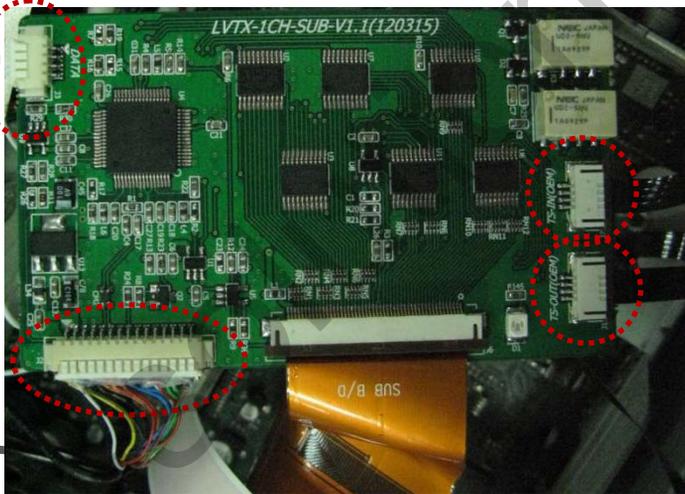
7.4 Connection of Button cable and FFC cable



Button Cable +FFC Cable



Head Unit

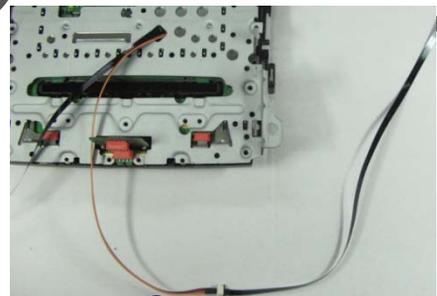
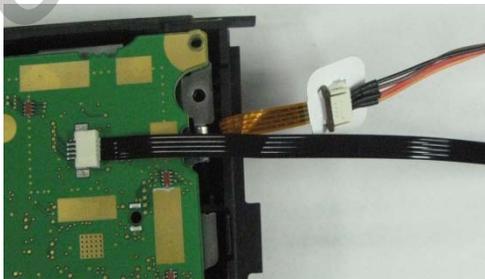


Sub Board

FFC Cable

Extension Cable + FFC Cable

LVDS Cable



7. Installation

7.5 Connection of CAN Wires



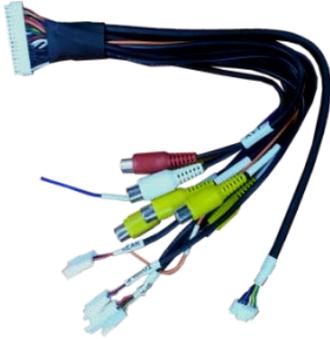
Connect CAN1-H(Yellow + White) of Power cable to
CAN-(Orange + Purple) of the car.

Connect CAN1-L(Yellow)of Power cable to
CAN-L(Orange)of the car.

※ You will be able to find the original CAN wires from behind Car Audio Deck.

7. Installation

7.6 Cautions on cutting multi-cables



<Multi Cable>

There is a chance to cut the multi-cables due to useless cables during the Installation of QDIS's product.



Please cut A/V cables carefully since It may cause short circuits.

Cutting double pair cables such as(TXC, SPK, GPS) causes short circuits. So please do not cut them at all.

7. Installation

7.7 Dip Switch Setting

1. Dip S/W 7 “OFF” : When press “Phone” button, switch mode to Qnavi phone mode
2. Dip S/W 7 “ON” : When press “Phone” button switch mode to original phone mode

※ Please make sure to disconnect the power cable of the interface and reconnect the power cable again to apply the dip switch setting whenever changing DIP switch. Otherwise, DIP switch setting will not be applied.

8. Quality Warranty

This product has been tested and have passed under our strict quality control. If the failure occurred due to the carelessness of workmanship within one year after the purchase, we are responsible to repair free of charge.

Please bring this warranty to dealer whom you purchased this product from at the repair time. Should this warranty not presented, repair charged will be on customer. Please keep this warranty card.

Warranty			
Product name			
Warranty period	1 year	Purchase date (yy/mm/dd)	
Customer	Address		
	TEL		
	Name		
Dealer	Address		
	Name		