Navigation Box

for Porsche CDR 3.1

Installation Guide

Warning

<table>
<tr>
<td>⚠️ **Warning**</td>
<td>▪ Do not modify, dismantle or unintended operation this system outside Qnavi After Sales. Damage occured by unintended operation may cause Qnavi After Sales service void.</td>
</tr>
</table>

<table>
<tr>
<td>⚠️ **Warning**</td>
<td>

- During installation ignition key should be taken off and after all installation finish connect power cable with interface for the last step.
- Power cable should be separated when connecting interface
- Should be no any electronic devices or magnetic pole around installation place.
- All steps of installation should be done by well-trained specialist.
- Dismantling without manufacturer's permission can not be guaranteed, (No permission to break attached label on the board.)
- Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer.
- According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.

</td>
</tr>
</table>

Table of Contents

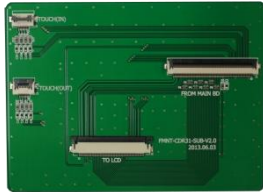# 1. Component

Bolt Set * 1ea

Reverse FFC Cable* 1ea
(FFCABL0029)

Reverse FFC Cable* 1ea
(FFCABL0028)

Bracket * 1ea
(PRESEL0015)

FMNT board* 1ea
(QCPASS0455)

LCD * 1ea
(LCDPAN0004)

Sub-board * 1ea
(QCPASS0406)

Sticker * 1ea
(LABELS0128)

Soldering Cable * 1ea
(HRGBCA0012)

LVDS Cable * 1ea
(HLVDSC0014)

MULTIMEDIA NAVIGATION SYSTEM

Model : QNAVI3-1CH-MAIN-V2.2
Product Code : QNAVI3-1CH-MAIN-1306-005

POWER   MULTI   AV/BT   LVDS-IN   USB#1

Power Cable 16P * 1ea
(HPOWER0041)

Multi cable * 1ea
(HARETC0068)

AV/BT Cable * 1ea
(HAVCAB0016)

USB Cable * 1ea
(HARETC0027)

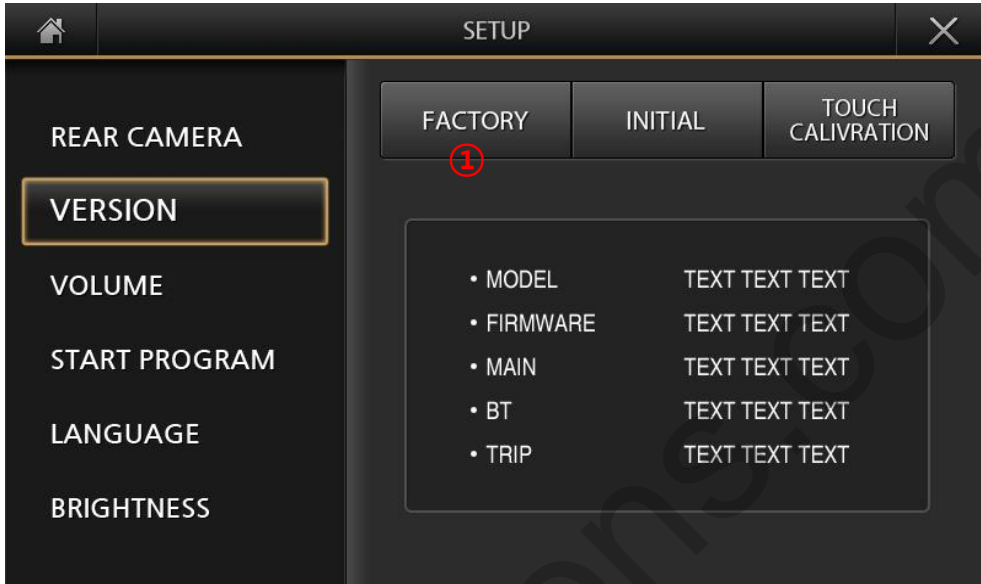GPS * 1ea
(GPSANT0006)

Speaker * 1ea
(SPEAK50001)

REAR CAMERA Cable * 1ea
(HARETC0002)

MODE switch Cable* 1ea
(HARETC0001)

2. Set Factory Menu

※ Main Menu → Setup →Version, find FACTORY menu

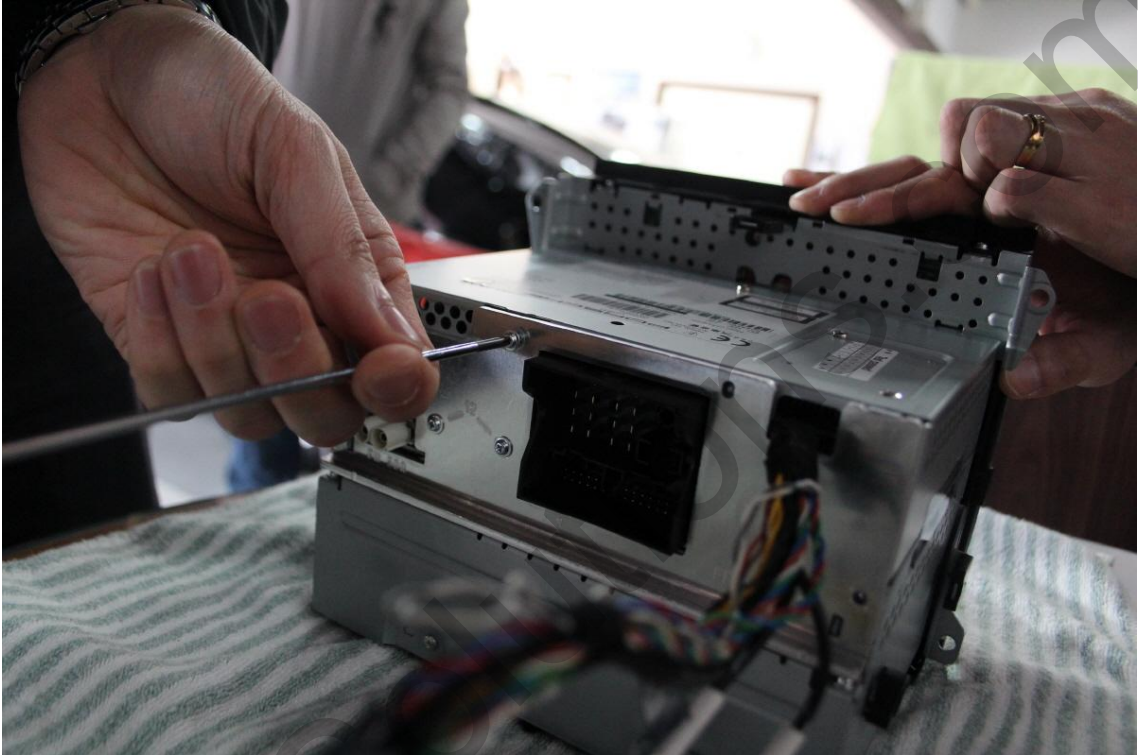① FACTORY : Upgrade program and change external

　　　　　　　device settings

　　　　　　(Password : 4291) – Only for installer

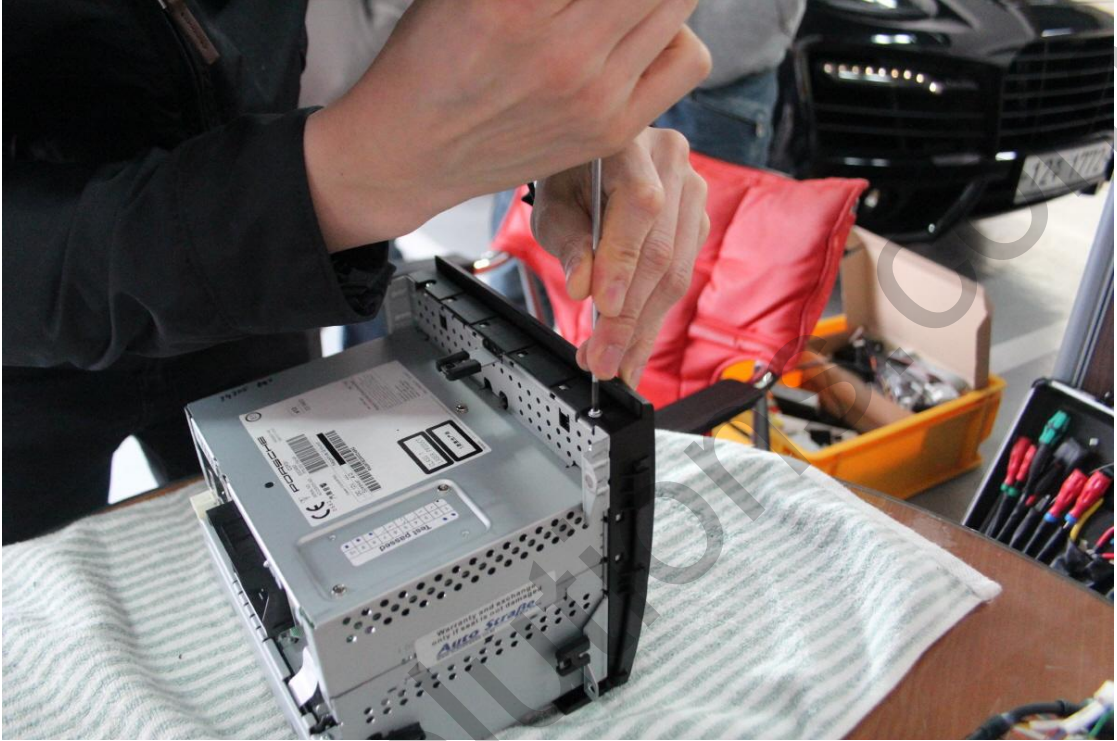# 2. Set Factory Menu

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** : choose 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

3. Installation

① Here is the picture of car LCD command
② Remove bolts from command

3. Installation

① **Remove bolts from top part of LCD**
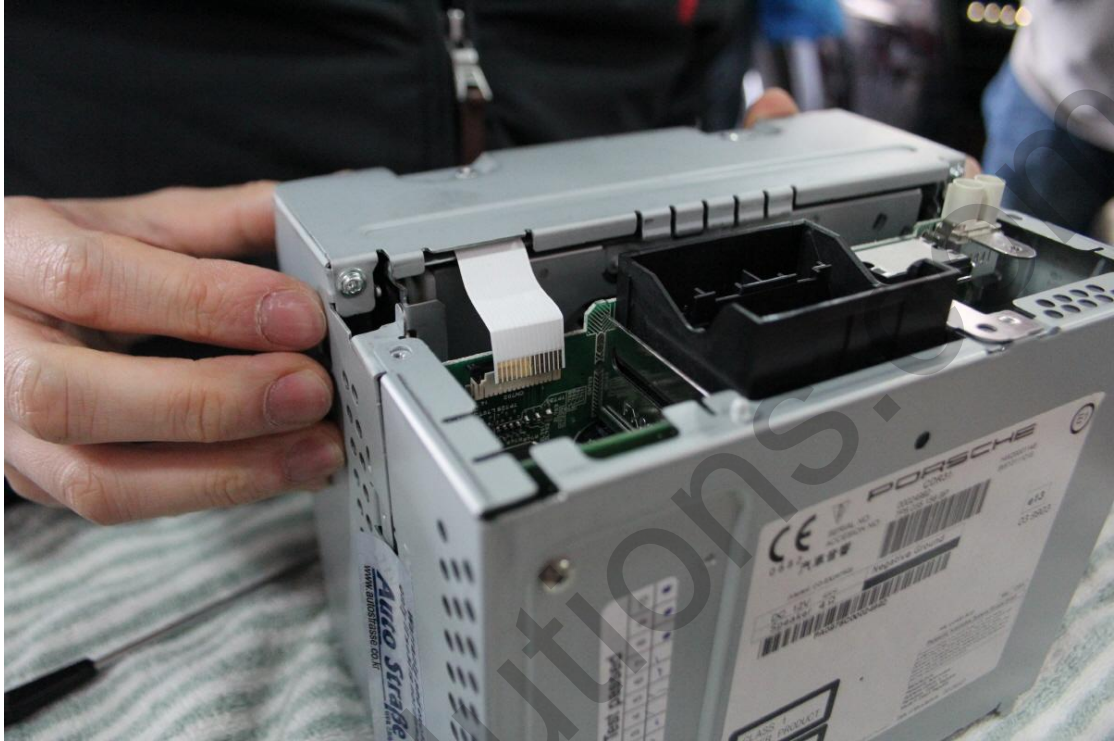
3. Installation

① Here is the picture when LCD is dismantled
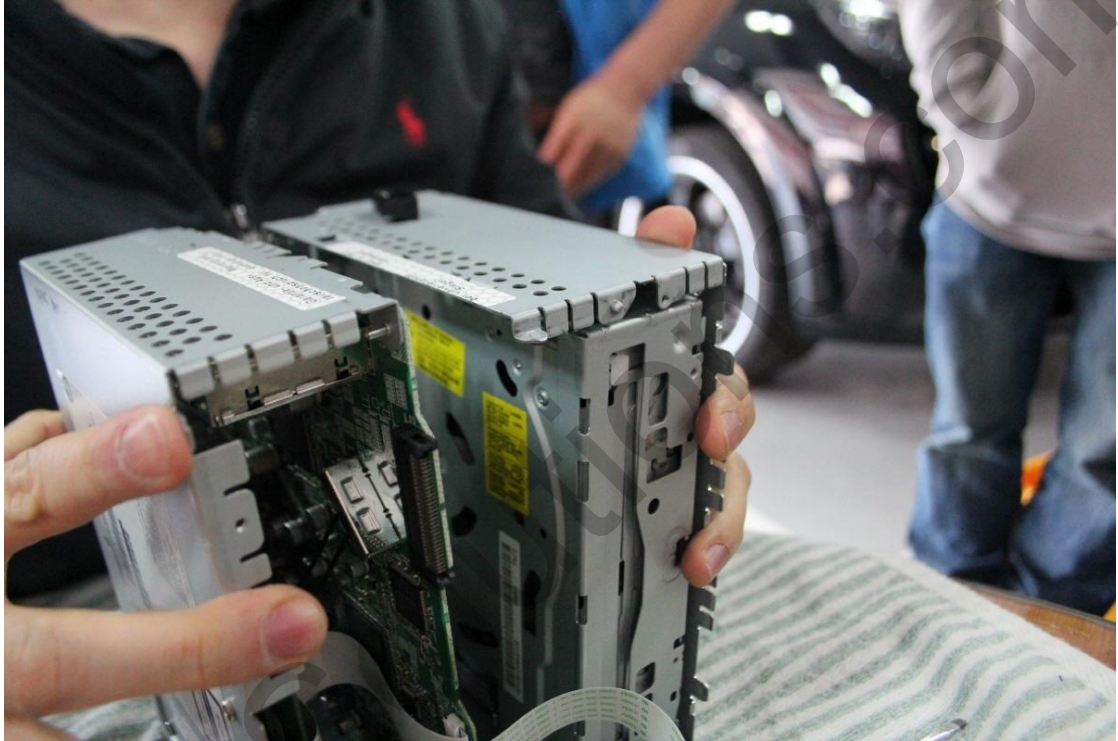
3. Installation

① Dismantle the fixed bracket on LCD command
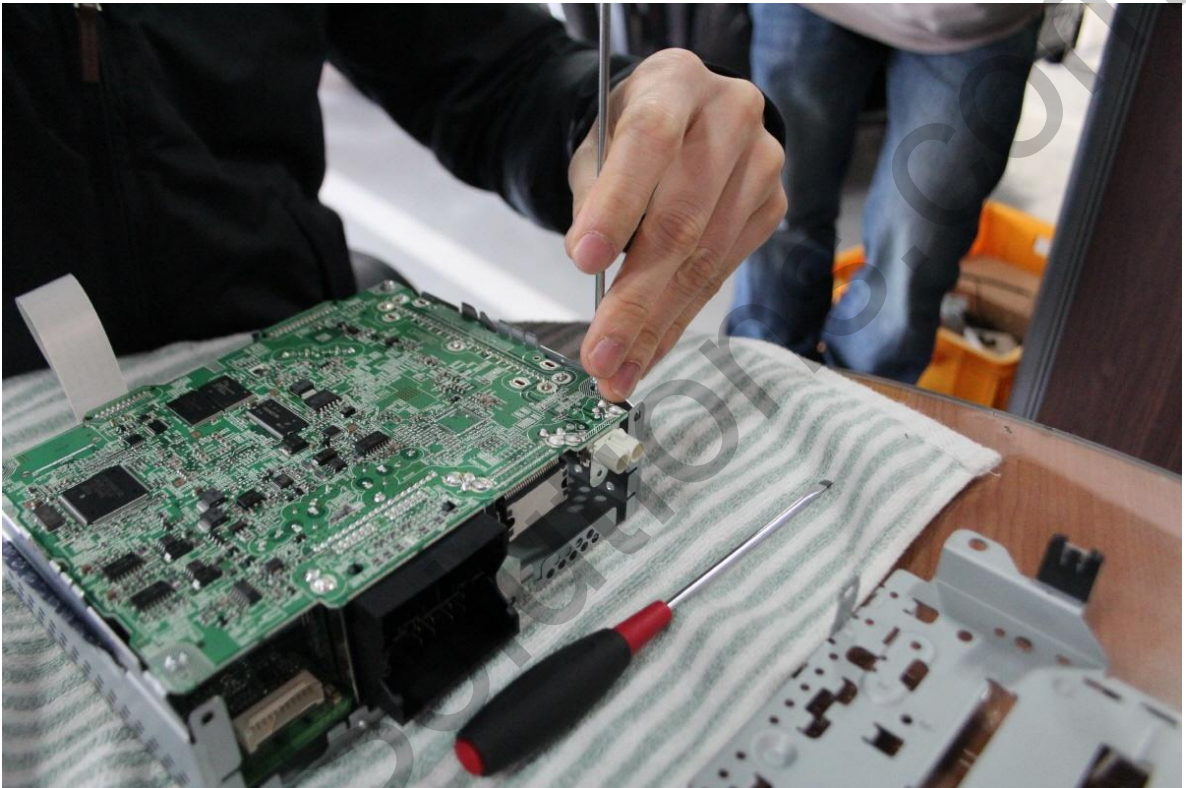
3. Installation

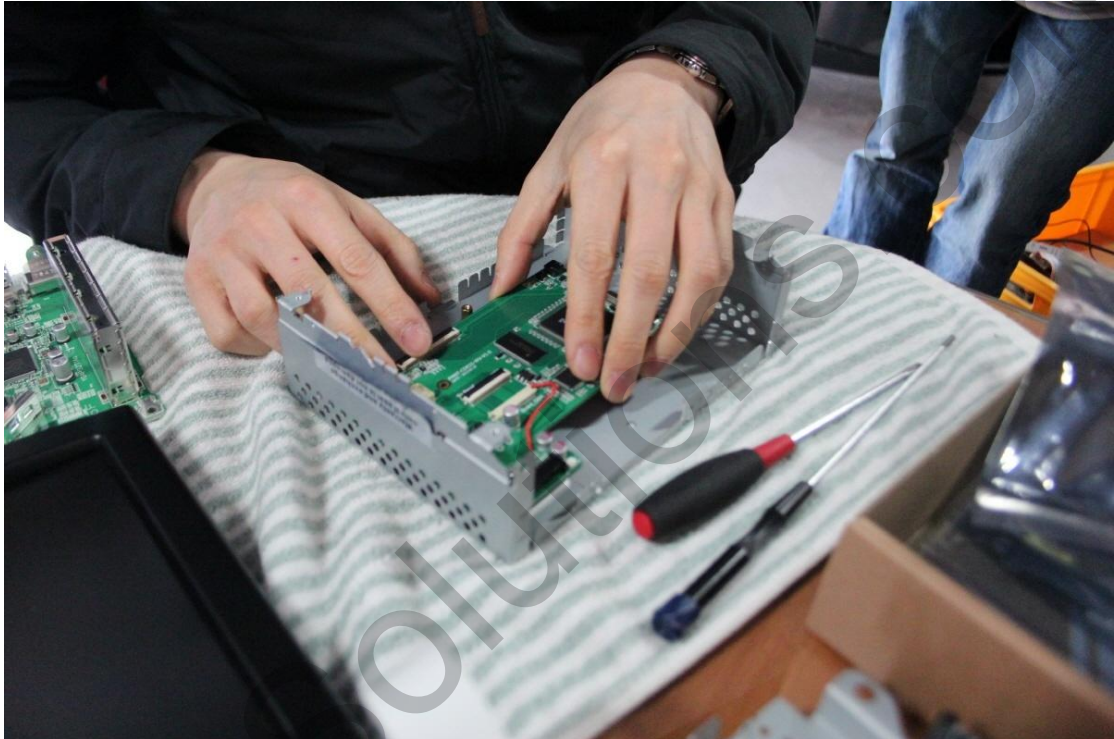① Separate FFC cable (see photo above)

3. Installation

① Separate CD changer and command
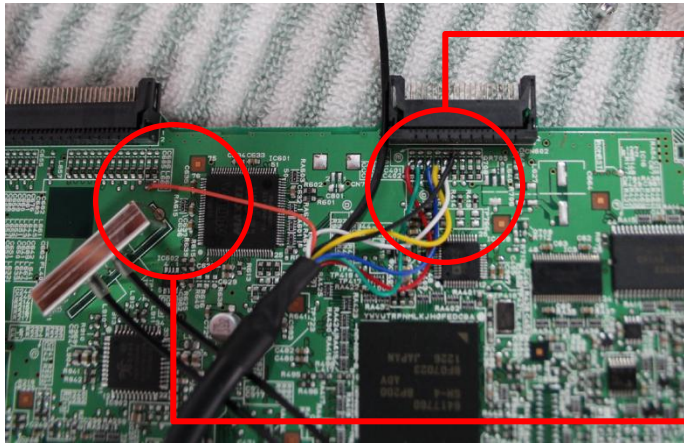
3. Installation

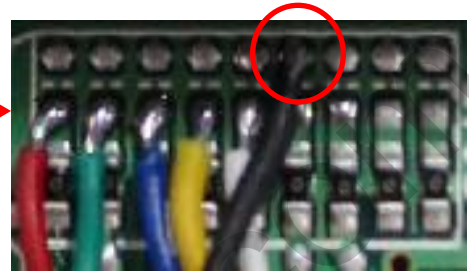① Separate OEM board from command

3. Installation

① **Put double tape on the provided board**

3. Installation

Soldering Point

〈OEM Board〉

〈Photo 1〉

〈Photo 2〉

① → See Photo 1, solder in order from left side
② →
③ →
④ →
⑤ →
⑥ → See Photo 1, solder the indicated point
⑦ → See Photo 2, solder the indicated point
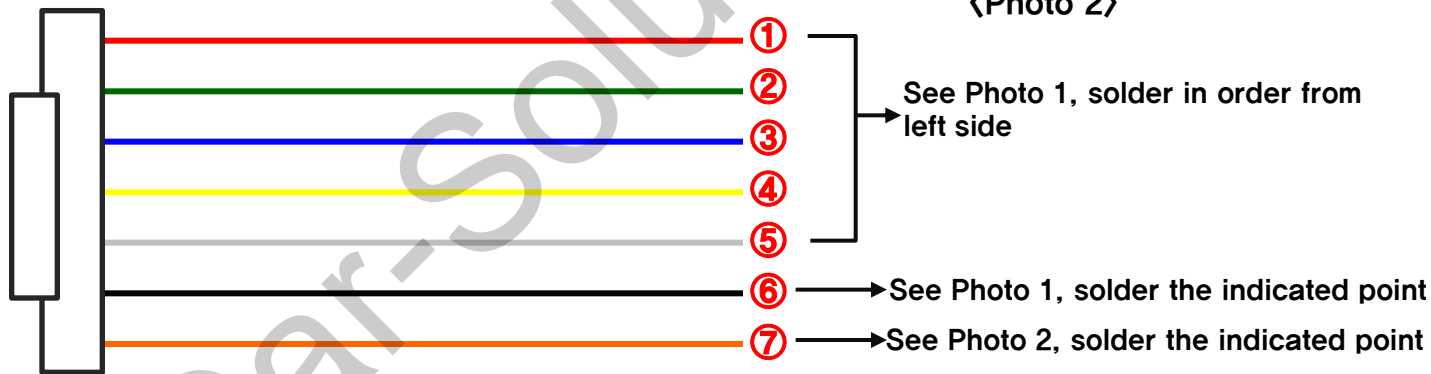
① Connect provided cable with provided board, on the other side of cable connect with OEM board

② Solder wire and OEM board (see Photo 2)

3. Installation

① **Separate the dismantled LCD**

3. Installation

① After remove the existing LCD, assembly with provided LCD

3. Installation

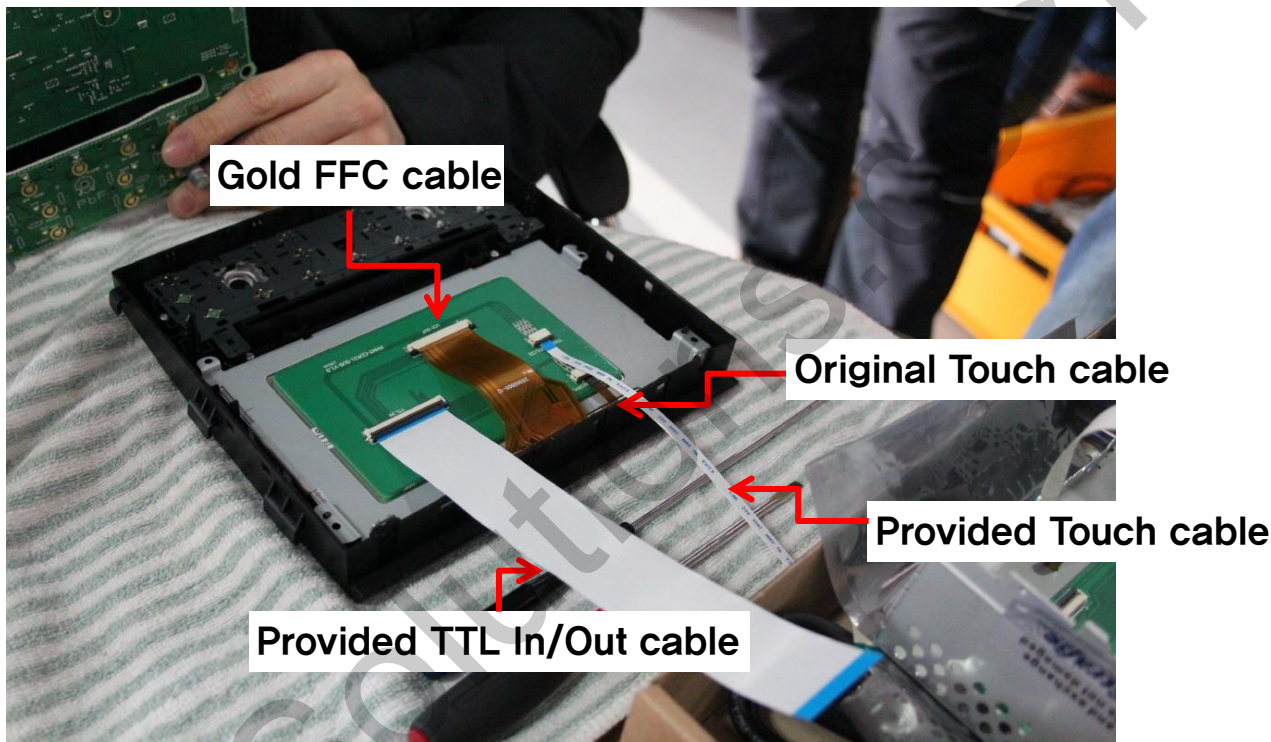① **Put the provided LCD bracket on top of the LCD**

3. Installation

① Put the double tape to on provided LCD sub-board with top of LCD (see picture above)

3. Installation

① **Connect gold FFC cable with LCD OUT from sub-board, connect original Touch cable with Touch IN from sub-board.**
② **Connect provided touch cable with Touch OUT from sub-board, connect provided TTL In/Out cable with TTL IN from sub-board.**

3. Installation

① Place original board on top of sub-board
   (in the original place)

3. Installation

① **Cut the provided touch cable after put the connector**

3. Installation

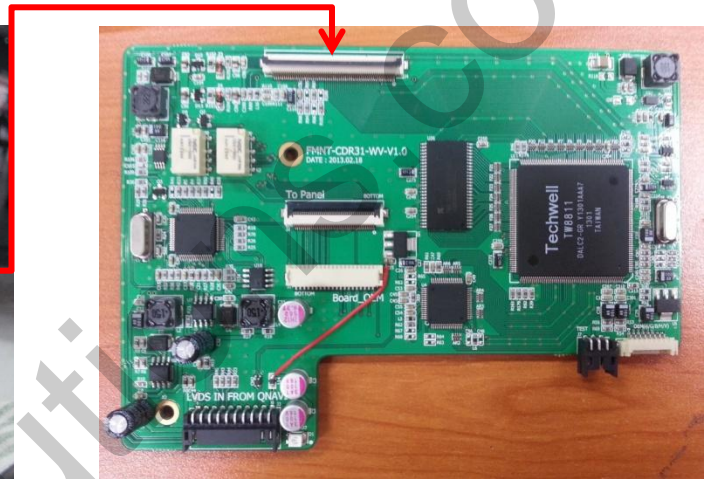① Connect the indicated point from LCD board with provided touch cable
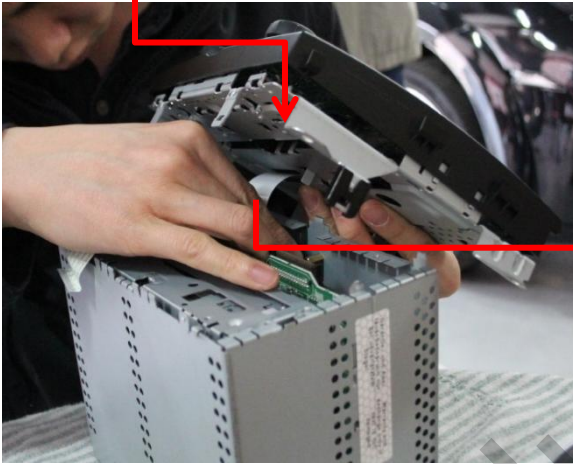
3. Installation

① Organize the cable and put taping
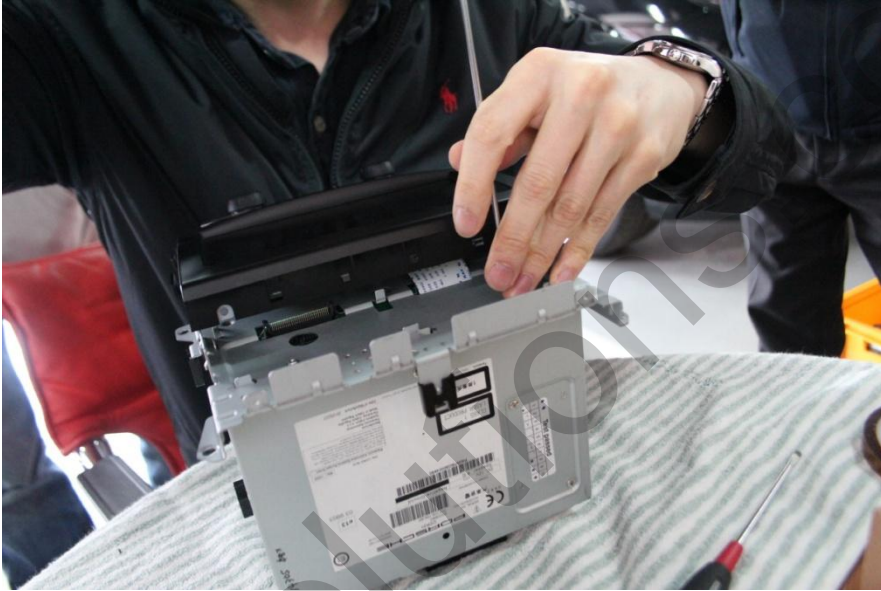
3. Installation

Bracket

Provided TTL In/Out cable

① Connect the LCD with TTL In/Out with provided board (see picture on the right)

　※ Indicated point on the bracket must be assembled with command before, connect cable when the LCD not assembled
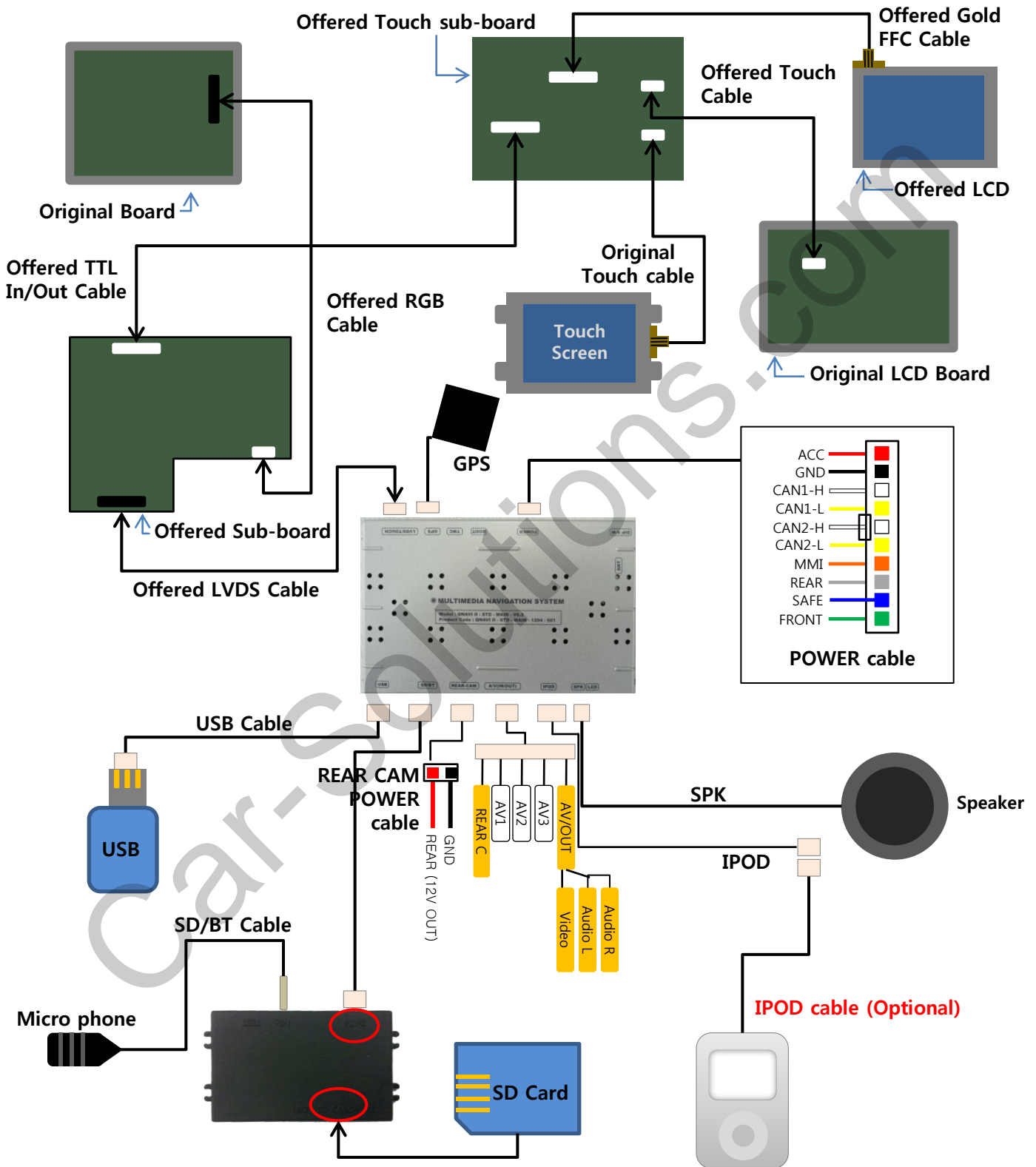
3. Installation

① Assemble bracket and after that LCD

3. Installation

① Connect LVDS cable with backside of QNAVI

4. Installation Diagram

Offered Touch sub-board

Offered Gold FFC Cable

Offered Touch Cable

Offered LCD

Original Board

Offered TTL In/Out Cable

Original Touch cable

Offered RGB Cable

Touch Screen

Original LCD Board

GPS

Offered Sub-board

Offered LVDS Cable

POWER cable

ACC
GND
CAN1-H
CAN1-L
CAN2-H
CAN2-L
MMI
REAR
SAFE
FRONT

USB Cable

REAR CAM POWER cable

REAR C
AV1
AV2
AV3
AV/OUT

GND
REAR (12V OUT)

SPK

Speaker

IPOD

USB

Video
Audio L
Audio R

IPOD cable (Optional)

SD/BT Cable

Micro phone

SD Card

5. 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	QNAVI2−PRO−PORSCHE−CDR31	
Warranty period	1 year	Purchase date (yy/mm/dd)
Customer	Address	
	TEL	
	Name	
Dealer	Address	
	Name	

Memo