

# Instruction Manual

HARLEY-DAVIDSON for HARLEY-DAVIDSON

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GU ELECTRONIC

# INDEX

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## Specifications

|    |                  |   |
|----|------------------|---|
| 1. | Main Spec. ----- | 3 |
| 2. | Diagram -----    | 4 |
| 3. | Components ----- | 5 |
| 4. | Exterior -----   | 6 |

## Settings

|    |                       |   |
|----|-----------------------|---|
| 1. | Original button ----- | 7 |
| 2. | Key board -----       | 8 |
| 3. | OSD Menu -----        | 8 |

## Installation

|    |                      |    |
|----|----------------------|----|
| 1. | Diagram-----         | 12 |
| 2. | LVDS Connection----- | 13 |
| 3. | Caution -----        | 16 |

# Specification

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## 1. Main spec.

### 1-1 Input Spec. (MULTI VIDEO INTERFACE)

- 1 x Analog RGB Input (Navigation System output)
- 1 x LVDS Input. (Car Command System)

### 1-2 Output Spec.

- 1 x LCD Output (LCD Operation)
- 1 x Resistive Touch Output

### 1-3 Power Spec.

- Input Power : 8VDC ~ 24VDC
- Consumption Power : 12Watt, Max

### 1-4 Switch Input mode

- Possible to switch input mode through original button

## 2. Features

- Easy installation by Jack by jack Power cable

# Specification

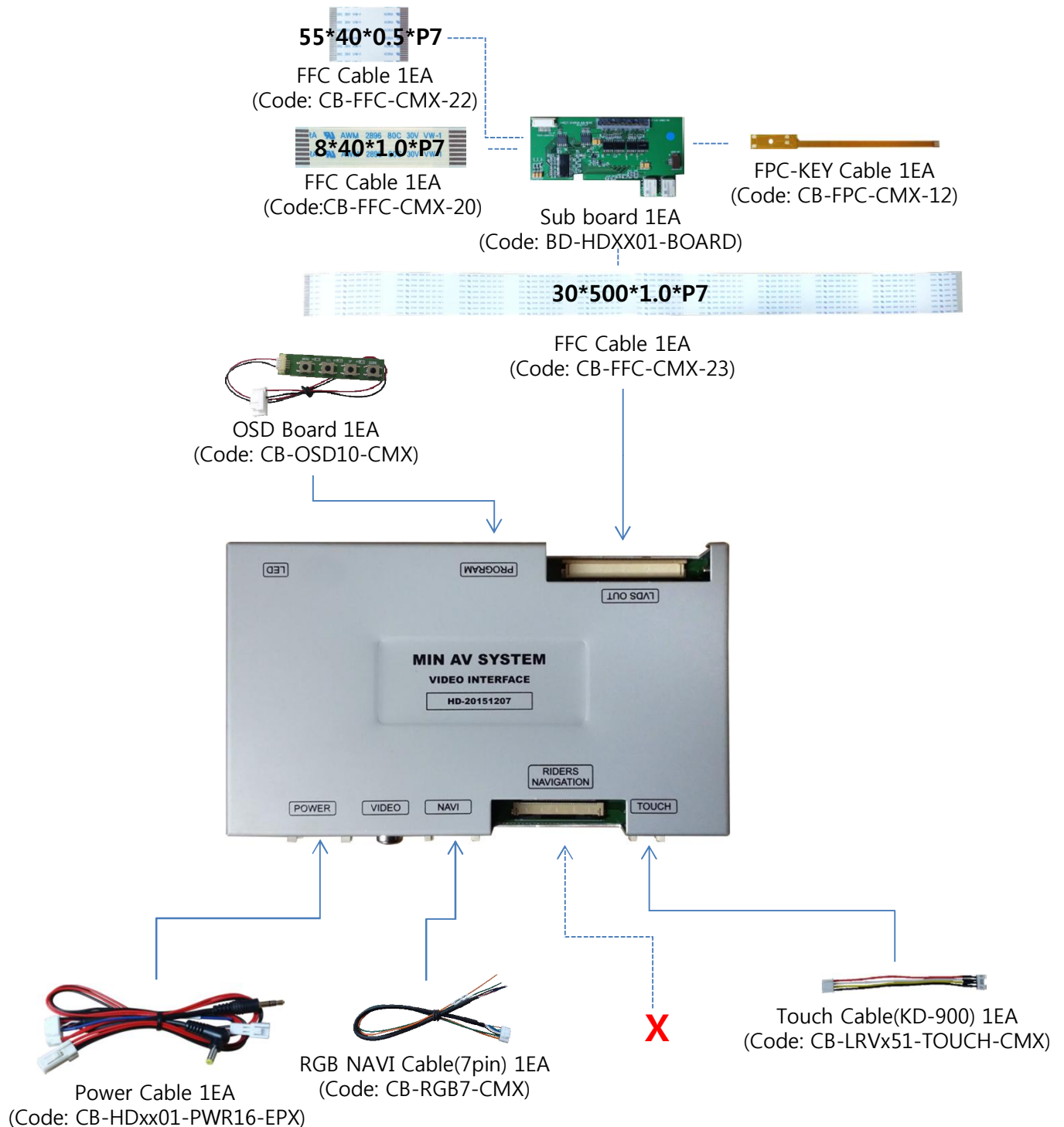
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## 2. Diagram

INTERFACE

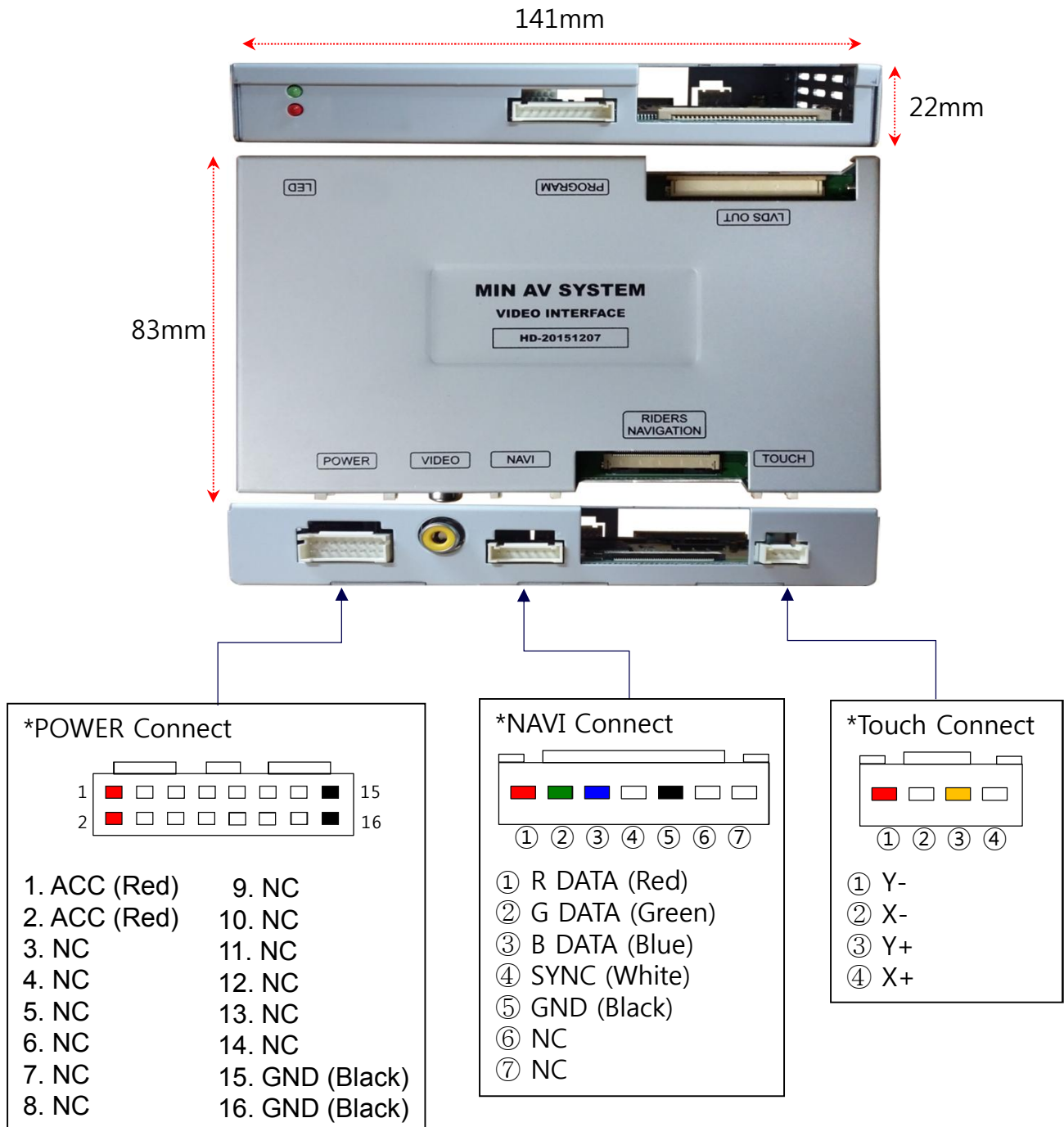
# Specification

## 3. Components



# Specification

## 4. Exterior



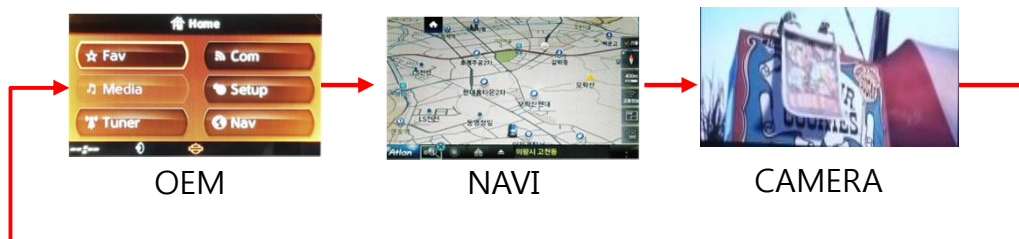
# Settings

## 1. Original button – Steering Wheel (Switching Mode)



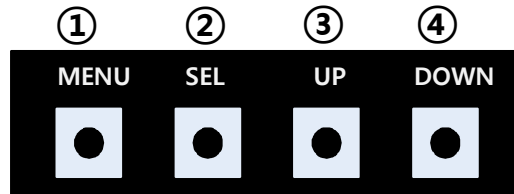
Long Press : switching mode

※ The screen is switched in order as the pictures below



# Settings

## 2. OSD Key board



- ① MENU :Activating OSD Menu
- ② SEL :Selection
- ③ Up :Moving upward (Increasing value)
- ④ Down :Moving downward (Decreasing value)

## 3. OSD Menu

※Press "MENU" button on Key board

| MENU   | Config   |             | NAVI   |
|--------|----------|-------------|--------|
| Config | NAVI-RGB | GI5000_WVGA |        |
| Option | Reset    | Execute     | Cancel |
| Image  |          |             |        |
| Screen |          |             |        |
| OSD    |          |             |        |

- Config - NAVI-RGB : Setup for the type of RGB
- Reset : Reset all value



# Settings

## 3. OSD Menu

※Press "MENU" button on Key board

| MENU   | Option          |         | NAVI   |
|--------|-----------------|---------|--------|
| Config | Camera<br>Reset | Off     |        |
| Option |                 | Execute | Cancel |
| Image  |                 |         |        |
| Screen |                 |         |        |
| OSD    |                 |         |        |

### Option

- Camera : Setup for camera (Rear or Front)  
ON - ON  
OFF - OFF
- Reset : Reset all value

# Settings

## 3. OSD Menu

※Press "MENU" button on Key board

### - NAVI(RGB) Image / Screen

| MENU   | IMAGE        | NAVI                     |
|--------|--------------|--------------------------|
| Config | Brightness   | <input type="range"/> 50 |
| Option | Contrast     | <input type="range"/> 50 |
| Image  | Color- RED   | <input type="range"/> 50 |
| Screen | Color- GREEN | <input type="range"/> 50 |
| OSD    | Color- BLUE  | <input type="range"/> 25 |

| MENU   | Screen       | NAVI                     |
|--------|--------------|--------------------------|
| Config | Horizontal   | <input type="range"/> 50 |
| Option | Vertical     | <input type="range"/> 50 |
| Image  | Scale X Up   | <input type="range"/> 50 |
| Screen | Scale X Down | <input type="range"/> 50 |
| OSD    | Scale X Up   | <input type="range"/> 50 |

### - DVD, DVBT, NAVI-AV, REAR, FRONT Image

| MENU   | IMAGE      | Rear                     |
|--------|------------|--------------------------|
| Config | Brightness | <input type="range"/> 50 |
| Option | Contrast   | <input type="range"/> 50 |
| Image  | Saturation | <input type="range"/> 50 |
| Screen | Hue        | <input type="range"/> 50 |
| OSD    | Sharpness  | <input type="range"/> 25 |

# Settings

## 3. OSD Menu

※Press "MENU" button on Key board

### - OSD

| MENU   | OSD          |                           |
|--------|--------------|---------------------------|
| Config | Horizontal   | <input type="range"/> 50  |
| Option | Vertical     | <input type="range"/> 50  |
| Image  | Display      | <input type="range"/> 10s |
| Screen | Transparency | <input type="range"/> 30  |
| OSD    | Language     | English                   |

- OSD – Horizontal
- OSD – Vertical
- OSD – Display : Setting time for displaying OSD menu
- OSD – Transparency
- OSD – Language : Setting language of ODS menu

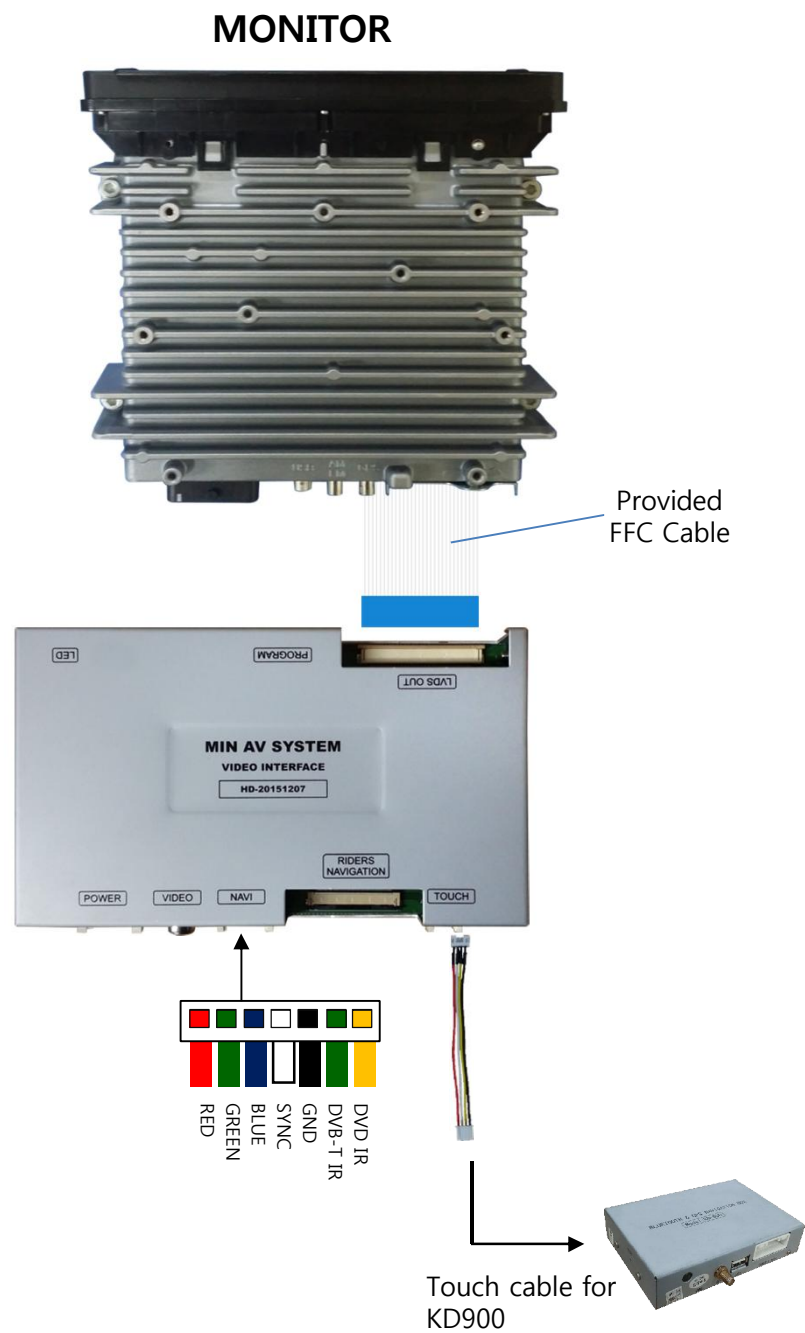
### - Utility

| MENU    | Utility       |                  |
|---------|---------------|------------------|
| Utility | Factory Reset | Execute Cancel   |
|         | Version       | HDxx01KRX-180305 |

- Utility – INTERFACE SOFTWARE

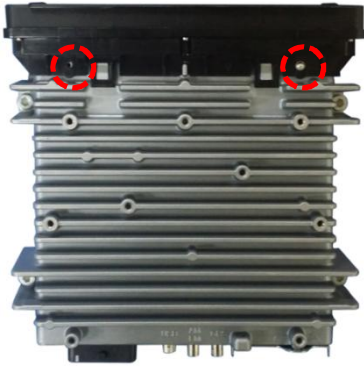
# Installation

## 1. Installation Diagram



# Installation

## 2. LVDS Connection



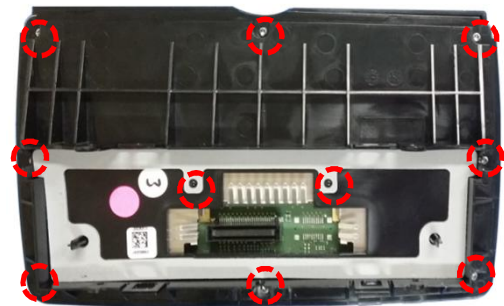
1. Loosen the marked screw



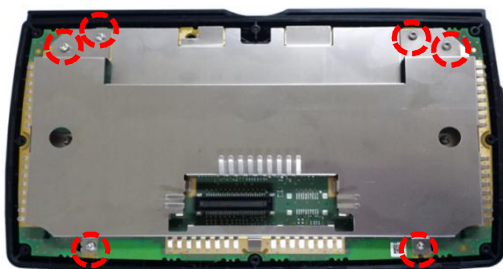
2. Loosen the marked screw



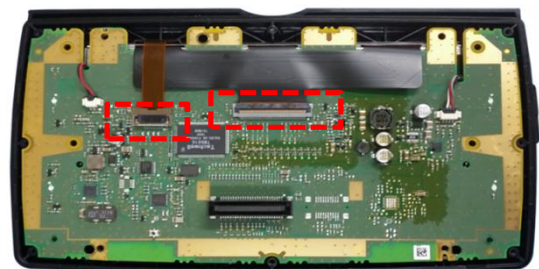
3. Take the monitor apart



4. Loosen the marked screw



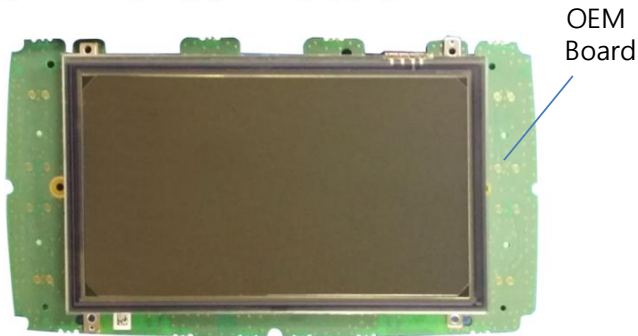
5. Loosen the marked screw



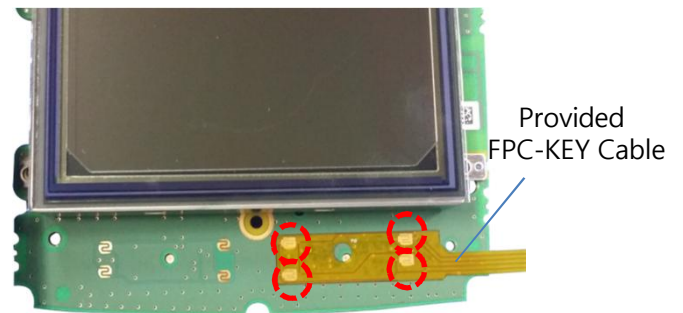
6..Disconnect the OEM FPC cable from the monitor

# Installation

## 2. LVDS Connection



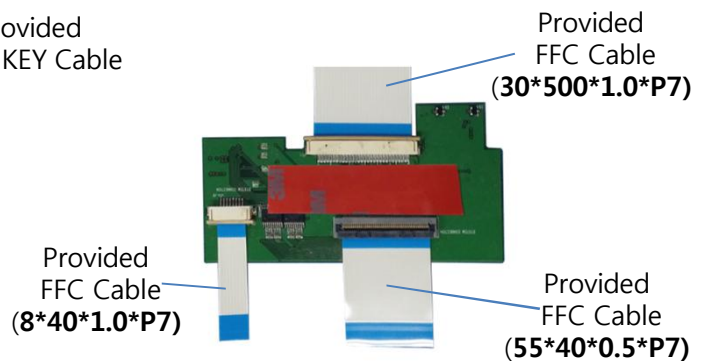
7. Separate the monitor from the board



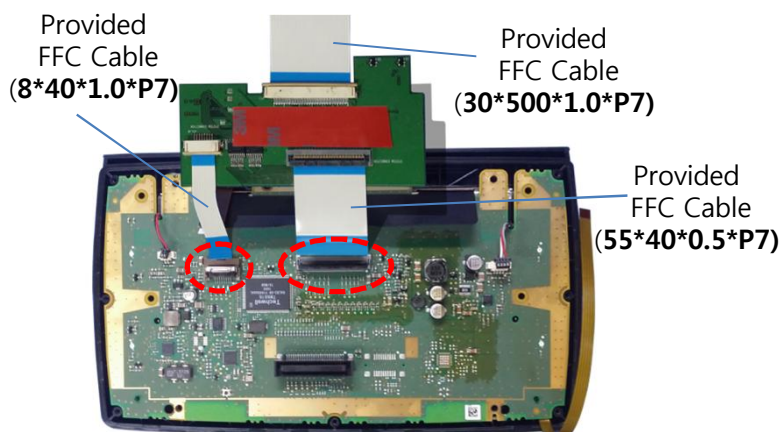
8. Attach the offered FPC-KEY cable on the marked board



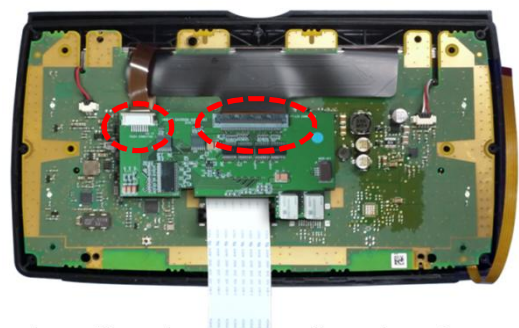
9. Assemble the monitor back again (FPC-KEY should be out from the monitor)



10. Connect the offered FFC cable to the offered Sub board and attach tape as picture above



11. Connect the offered FFC cable to OEM monitor

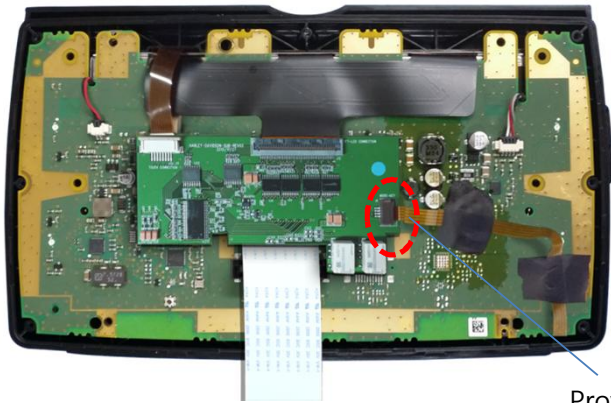


12. Attach the offered sub-board as the picture above and connect OEM FPC cable to the sub-board



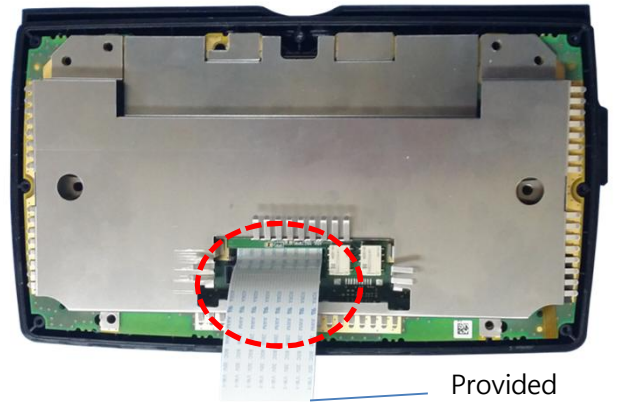
# Installation

## 2. LVDS Connection



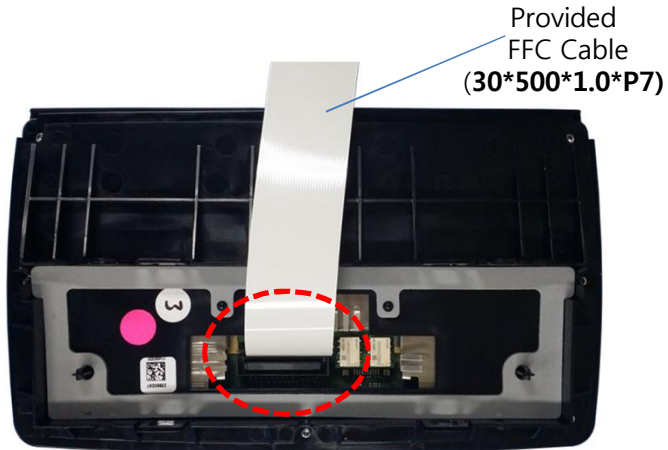
Provided  
FPC-KEY Cable

13. Connect the FPC-KEY to the offered sub-board



Provided  
FFC Cable  
(30\*500\*1.0\*P7)

14 . Assemble the steel cover



Provided  
FFC Cable  
(30\*500\*1.0\*P7)

15. Assemble the plastic cover

# Caution

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## 1. FQA

- Not possible to switch mode
  - Check connection of OSD Key pad wire
  - Check CAN connection
- Display wrong size of picture
  - Check Dip s/w setting
- Display black screen in OEM mode
  - Check connection of LVDS/LCD cable
- Not possible to switch to rear screen
  - Check the packing setting  
(OSD Menu – option – RearCam-Det)

## 2. Caution

- The device must not be installed in where it interferes driving (close to brake pedal, steering wheel, airbag etc.)
- LVDS cable must be connected correctly according to the manual
- Insulate the end of wire by using electrical tape
- The installation should be done by expert
- GU electronic does not take any responsibility for any problem caused by wrong installation





**GU Electronic**

*For your better driving*