WLAN/BT board
(WL1837 board)
assembly procedure
Before installation

• To install this WLAN/BT board, it is necessary to partially disassemble and reassemble the Reference Hardware. Before installing, please make sure that the hardware works normally.

• Also, after installation, before updating software, please check the hardware works normally again. (If it doesn’t work, please re-install the WLAN/BT board.)
Installation of WLAN/BT board / Parts list

Reference Hardware body

coaxial cable

WLAN/BT board
Advance preparation

■ Connect the cable

Attach the coaxial cable to the connector "E4004" on the WLAN/BT board. Please note that there are two connectors.

■ Remove the sticker

Lock the connector.
Push the silver part in the direction of the arrow. The golden part disappears.
Turn over & Remove the bottom plate

1) Turn over “Reference Hardware”.
2) Remove 8 screws and remove the bottom plate.
Remove spacers & Remove the Vehicle board

- Remove 8 spacers

- Remove the Vehicle board

Since it is connected to three board-to-board connectors, please pull it upward.

Be careful with existing a coaxial cable (for GNSS).
Remove screws, spacers and washers & Connect the coaxial cable to the Vehicle board

- Remove screws, spacers and washers

There are some washers, all of which need to be removed.

- Connect the coaxial cable to the Vehicle board

Attach the other side of the coaxial cable connected to the WLAN/BT board to the connector "E2001" on the Vehicle board.

Lock the connector.
Set & Fix WLAN/BT board

- Set WLAN/BT board

- Fix WLAN/BT board

Secure the WLAN/BT board with screws and spacers.

Washers are not used.
WLAN/BT board installation completion image & Reinstallation the Vehicle board

- WLAN / BT board installation completion image

- Reinstallation the Vehicle board

Reinstall the Vehicle board.
Please note that there are 3 board-to-board connectors.
Install spacers (8 places) & the bottom plate

- Install spacers (8 places)

- Install the bottom plate

Install the bottom plate and screw it in.
Installation of WLAN/BT board / complete !!!

Stick the removed washer on the top plate so as not to lose it.

Note: Please check the hardware works normally, before updating software.
Installation of the antenna / Parts list

WLAN antenna

Reference Hardware (w/ WLAN/BT board)
Installation of the antenna / procedure

Turn this part to the right.

Adjust so that this part is on top.

Turn this part
Installation of the antenna / complete !!!
Remark: Certification

- The device is FCC(North America), IC(Canada), ETSI/CE(Europe), and TELEC(Japan) certified. When connecting to a real network, please make sure the required certification in that country.
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