

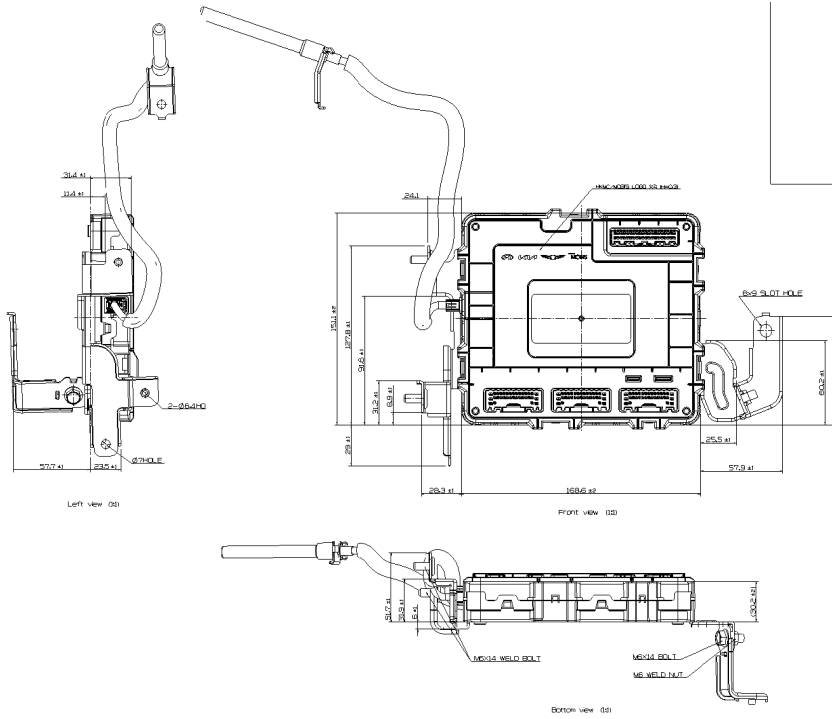
Manual for Vehicle Manufacturer

Model: BDC-4E01

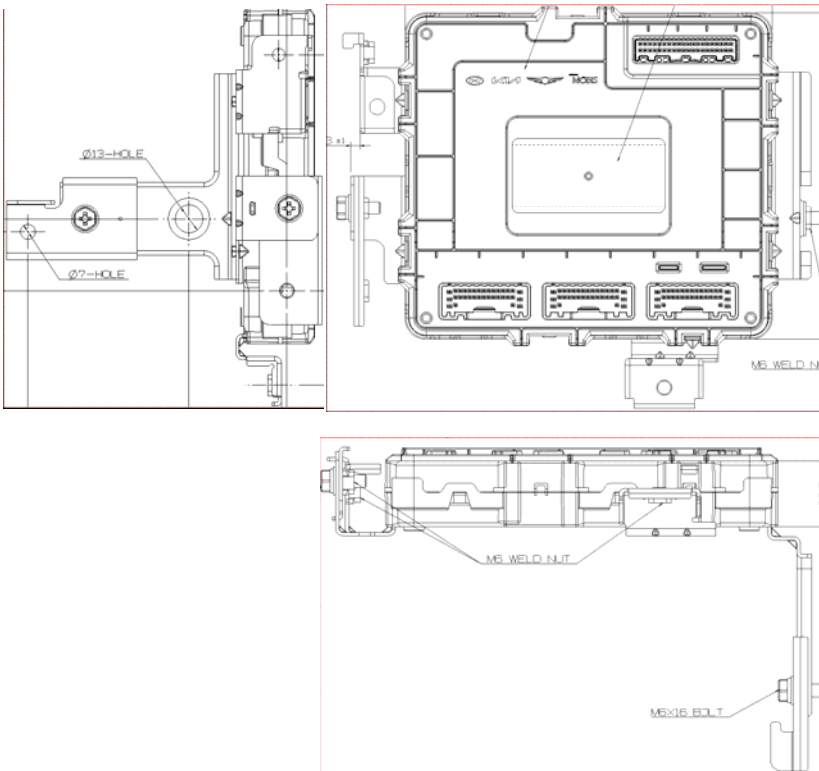
The SMART KEY ECU is a part of START-STOP BUTTON SYSTEM.

It is possible to output the LF(125kHz) signal by pushing the button of door handle and SSB.

External antenna



Internal antenna



FCC / ISED Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. Cet appareil est conforme aux limites d'exposition aux rayonnements de l'ISDE pour un environnement non contrôlé.

ANTENNA INFORMATION

This device has 7 Tx antennas as below:

SSB antenna (93502-N1000)

6 LF antennas (95460-L2000, 95460-L2100, 95460-L2200, 95460-L2300, 95460-L2400, 95460-L2500)

Rx antenna is PCB pattern antenna on the basic model and external antenna on the variant model.

6 LF antennas are identical but have 4 different part numbers as follow depending on the installation location in vehicle:

95460-L2000

95460-L2100

95460-L2200

95460-L2300

95460-L2400

95460-L2500

Each antenna is individually transmitted at each location. All antenna can transmit at the same time but physical location and distance between antenna are very far, at least 1 meter.

Because of this, only one LF antenna was used for MPE testing.

ANTENNA PHOTOS

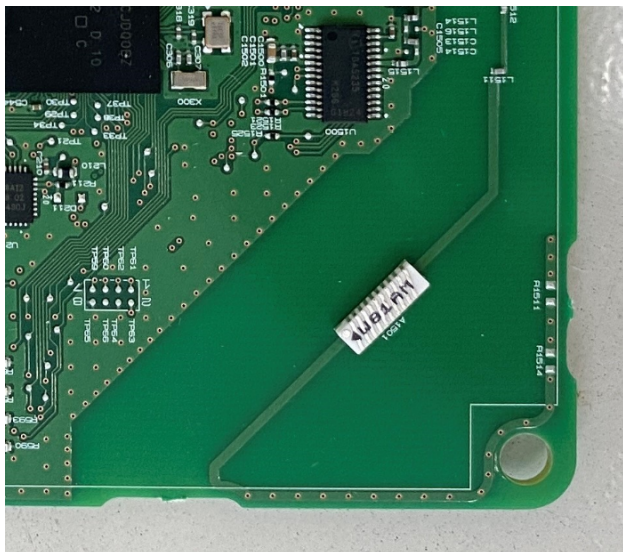
External LF antenna:



External SSB antenna:



Internal Receive antenna:



External Receive antenna:



EUT POSITION

This device will be installed inside the vehicle.

This distance between driver's seat and the EUT is 1.4m, and the distance between passenger's seat and the EUT is 1.04m. Please refer to the below drawing.

