MMWave Radar Sensor User Manual

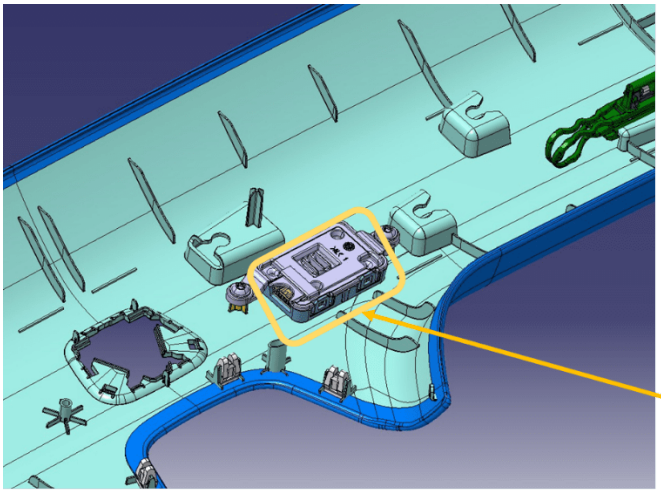
Millimeter Wave Radar (MMWave Radar) Sensor P11-DL0000 is manufactured by Faurecia Clarion Electronics for **Lucid USA, Inc** and used for Intrusion detection and living object detection such as detect children left behind inside the vehicle's cabin

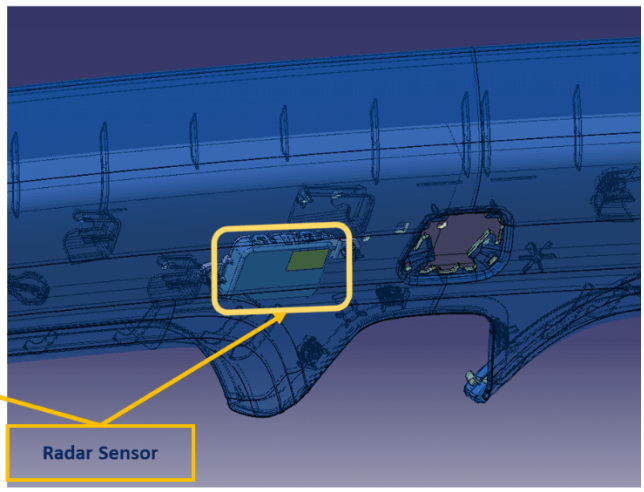
MMWave Radar Sensor will be installed in the vehicle cabin during manufacturing as a fully pre-configured device, which starts working as soon as the power is turned on. The device is completely hidden from the vehicle user and does not require any additional configuration. The radar sensor will not be marketed as an after-market product.

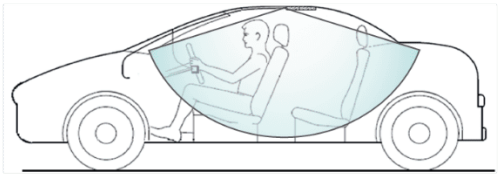
MMWave Radar Sensor is mounted in the center location of the vehicle cabin roof and is connected to the vehicle's wiring harness (an assembly of electric cables used for transmission of electric signals and electric power in a vehicle).

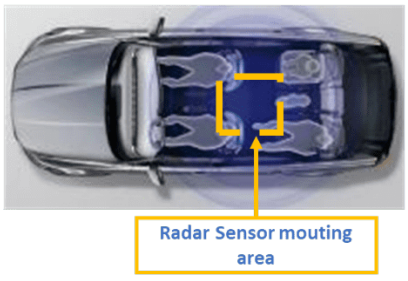
The device can be accessed for repair and maintenance purposes only by qualified technical service personnel.

MMWave Radar Sensor location in the vehicle is shown on the drawing below.









FCC	IC (Canada)
1) **FCC Interference Statement (Part 15.105 (b))** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help. **2) FCC Part 15 Clause 15.21** "Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment" **3) FCC Part 15.19(a)** "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."	**1) ISED RSS-Gen Notice** "This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: This device may not cause interference. 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 : L'appareil ne doit pas produire de brouillage; L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement." **2) ISED Canada ICES-003 Compliance Label** "CAN ICES-3 (B)/NMB-3(B)" **3) FCC/ISED RF Exposure requirements:** In order to comply with FCC/ISED RF Exposure requirements, this device must be installed to provide at least 20 cm separation from the human body at all times. Pour être conforme avec les exigences sur les Radios Fréquence contenues dans le FCC/ISED, l'appareil doit être installé de sorte à être en permanence à au moins 20 cm de distance du corps humain.