2018 > G 3.3 T-GDI LAMBDA II > G 3.3 T-GDI LAMBDA II > Body Electrical System > Emergency Call System > Description and Operation
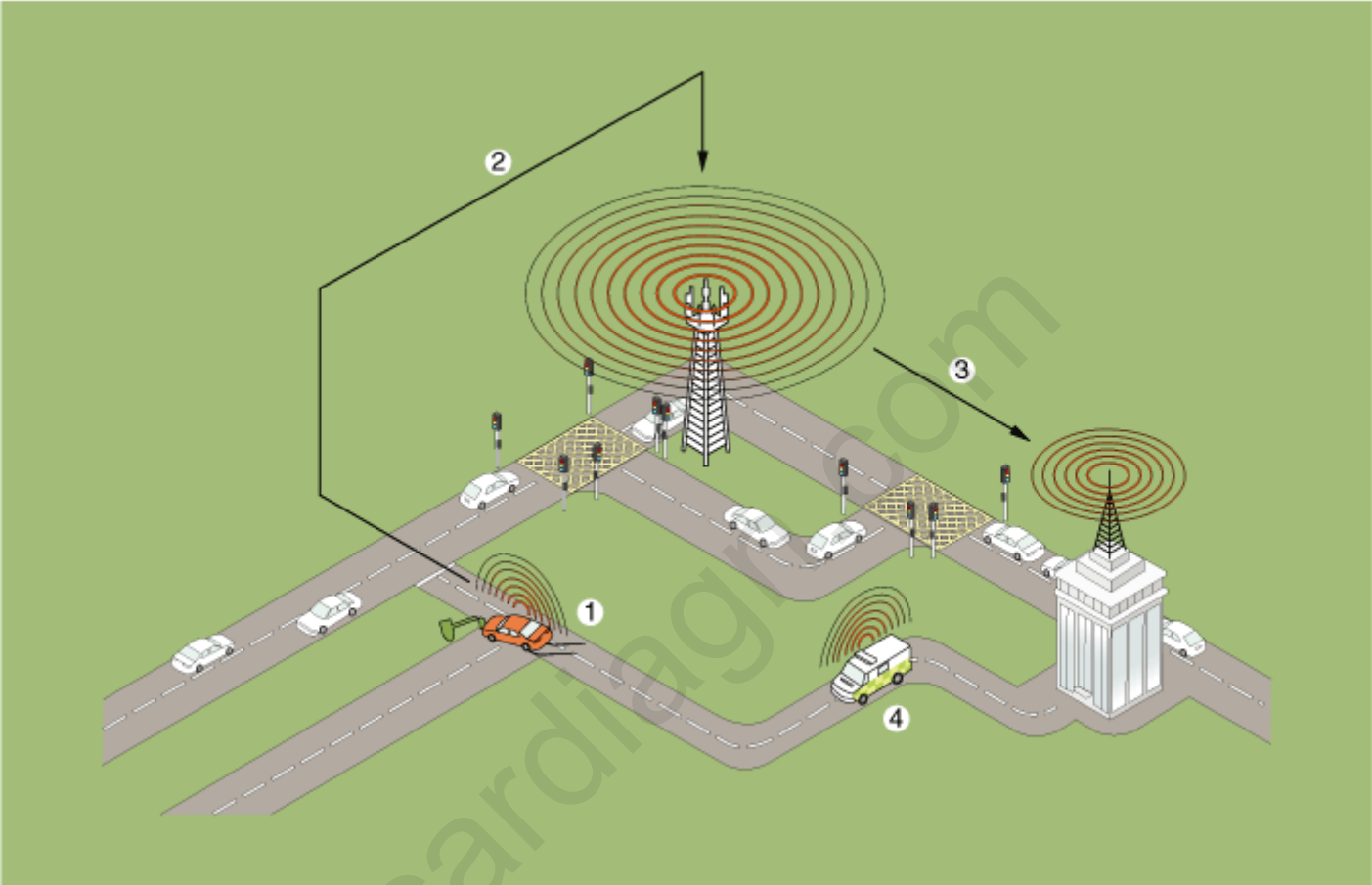
English ♦

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DESCRIPTION

Emergency Call (eCall)

When an accident occurs or the user's request is detected, it notifies the call center of the vehicle status using the wireless network so that the center can provide necessary emergency service.

1. Emergency Call
2. Radio Communication network
3. Public-Safety Answering Point (PSAP)
4. Emergency rescue service

eCall Function

1. Automatic notification: Airbag signal triggered by accident is detected and the call center is automatically notified of the accident.

   (1) An accident occurs (Condition: Ignition "ON").

   (2) Collision signal: Sent from the airbag control unit (ACU) to the eCall unit

   (3) Make a call: An emergency call is made to the most appropriate public-safety answering point (PSAP).

   (4) Transmit MSD: When connected, the Minimum Set of Data (MSD) is transmitted via the in-band communication (technology that transmits data through telephone voice channel).

   (5) Connect to a call center agent who in turn provides emergency service.
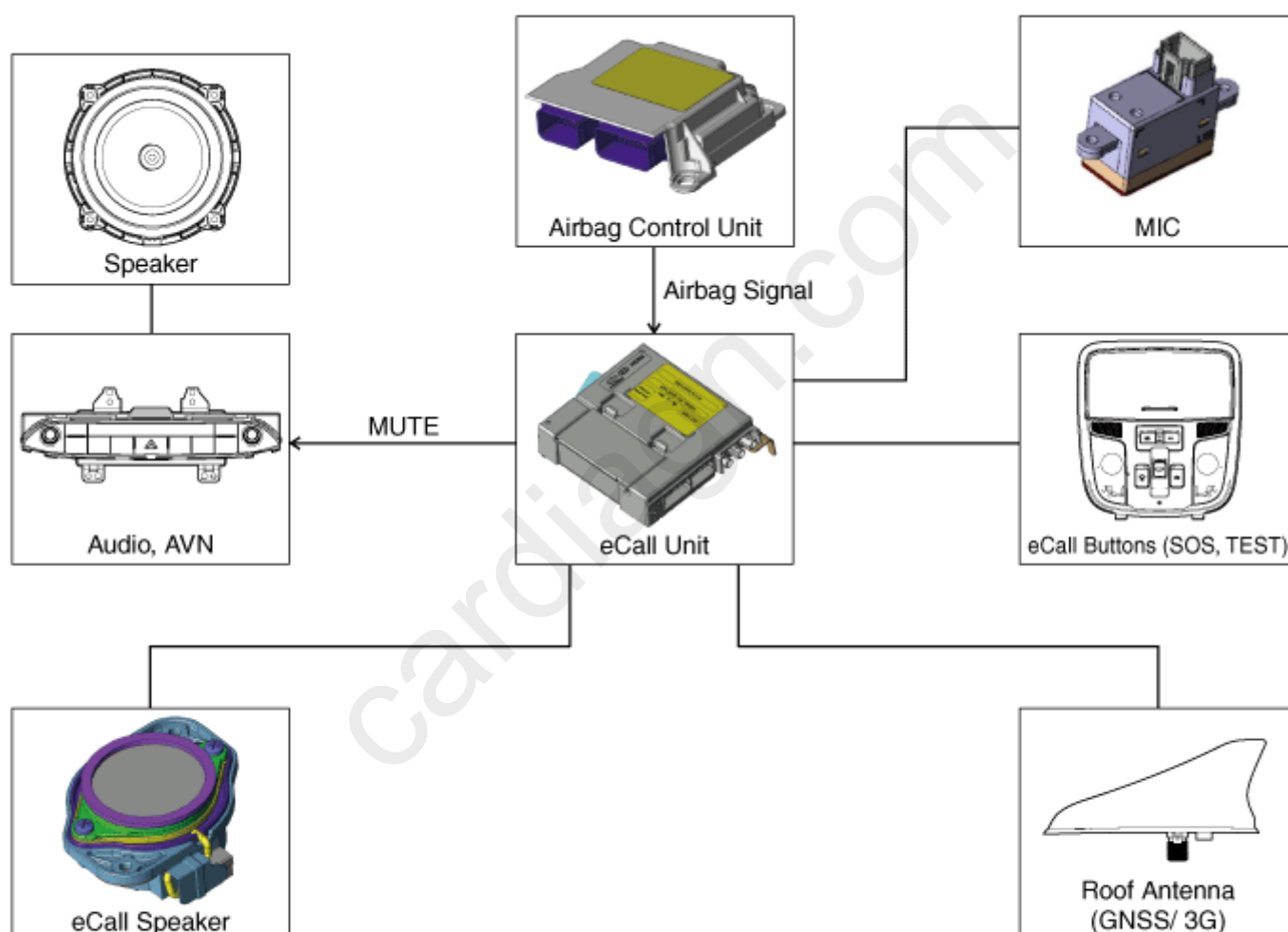
   > **NOTICE**
   >
   > The eCall function may not work properly if the vehicle damage is grave or the airbag did not operate in a minor accident.

2. Manual notification: The driver can operate the SOS button to notify the call center of the accident manually.

   (1) The driver decides to operate the SOS button.

   (2) Make a call: An emergency call is made to the most appropriate PSAP.

   (3) Transmit MSD: When connected, the Minimum Set of Data (MSD) is transmitted via the in-band communication (technology that transmits data through telephone voice channel).

   (4) Connect to a call center agent who in turn provides emergency service.

> **NOTICE**
>
> To cancel a connection attempt while making a call by pressing the SOS button, press the button again.

Configuration of eCall Controller

Speaker — **Airbag Control Unit** — **MIC**

Airbag Signal

MUTE

Audio, AVN — **eCall Unit** — **eCall Buttons (SOS, TEST)**

eCall Speaker — **Roof Antenna (GNSS/ 3G)**

※ GNSS : Global Navigation Satellite System

Input buttons & Indicators

SOS button : Press this button to make a call to the call center.

SOS TEST button : Press this button for 10 seconds or more to enter the test mode and reset the eCall system.

LED indicator lamp : The red and green LEDs turn on for 3 seconds after the ACC is on and stay turned off in standby until the key is turned off.

The red LED turns on when there is a problem with the eCall system.

The green LED turns on when the eCall system is operating normally.

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