

## FUEL TANK LEVEL WARNING DISPLAY

id092200027100

### Purpose

- The fuel tank level warning display notifies the driver that the remaining fuel level is low.

### Function

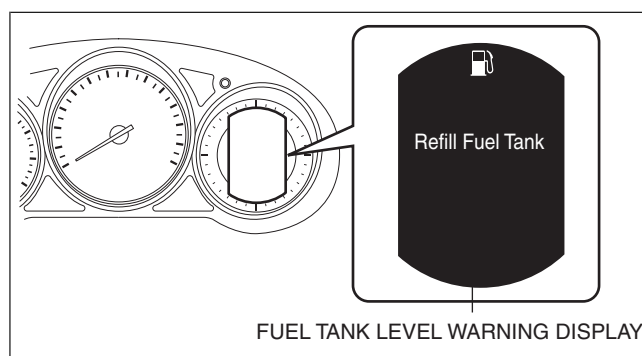
- The instrument cluster calculates the fuel quantity based on the following CAN signals, and if a remaining fuel amount of approx. 9 L {2 US gal, 2 Imp gal} (fuel gauge displays remaining two segments) is detected, the low fuel warning light illuminates.
  - Fuel gauge sender unit voltage signal sent from rear body control module (RBCM)
  - Fuel injection amount signal, vehicle speed signal sent from PCM

### Note

- The PCM performs the prevention of air flowing into the run dry prevention (RDP) control according to the fuel consumption after displaying the fuel tank level warning. For the prevention of air flowing into the run dry prevention (RDP) control, refer to the RUN DRY PREVENTION (RDP) CONTROL [SKYACTIV-D 2.2]. (SKYACTIV-D 2.2)

### Construction

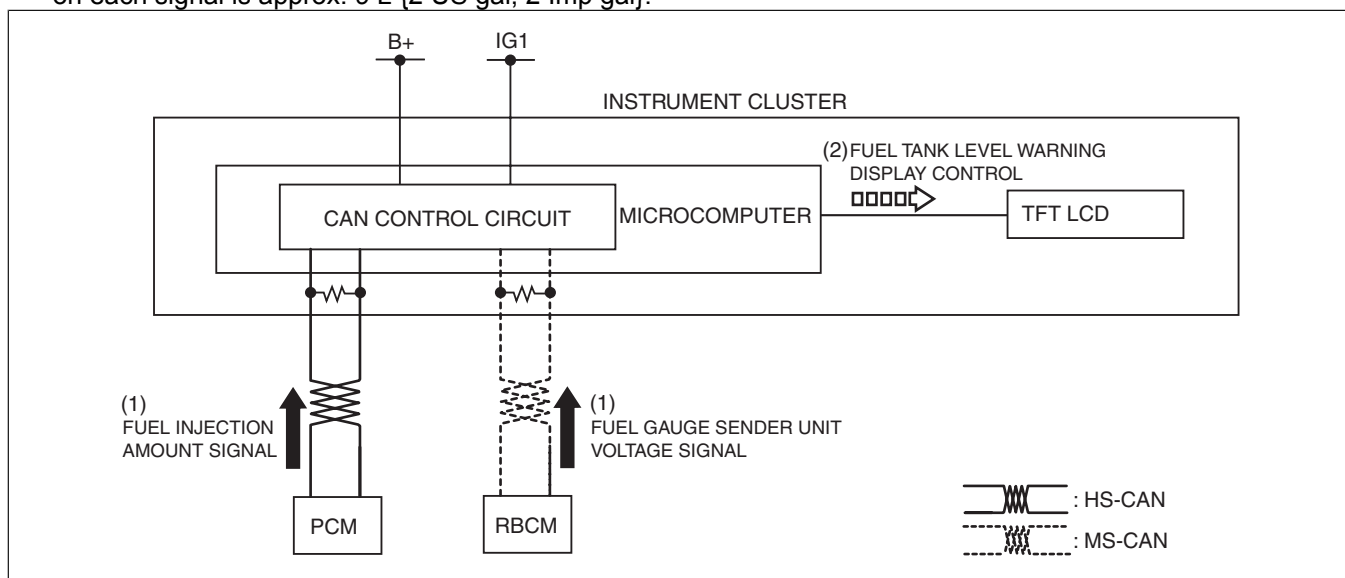
- The fuel tank level warning display is displayed in the TFT LCD of the instrument cluster.
- The fuel tank level warning display and value calculation are performed by the instrument cluster microcomputer.



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### Operation

- When the ignition is switched ON (engine off or on) the instrument cluster receives (1) the fuel gauge sender unit voltage signal from the rear body control module (RBCM), and the fuel injection amount signal from the PCM.
- The fuel tank level warning display is displayed in the TFT LCD (3) if the calculated remaining fuel amount based on each signal is approx. 9 L {2 US gal, 2 Imp gal}.



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### Fail-safe

- Function not equipped.