i-stop EFFECT DISPLAY

id092200026100

Purpose
- The i-stop effect display informs the driver of i-stop effect information.

Function
- i-stop effect displays the i-stop total time, i-stop time, and current i-stop time based on the i-stop related information signal from the PCM.

i-stop total time
- i-stop total time is displayed as the total time at which the i-stop has operated.
- The range of i-stop total time is from 0 h 00 min to 1999 h 59 min.
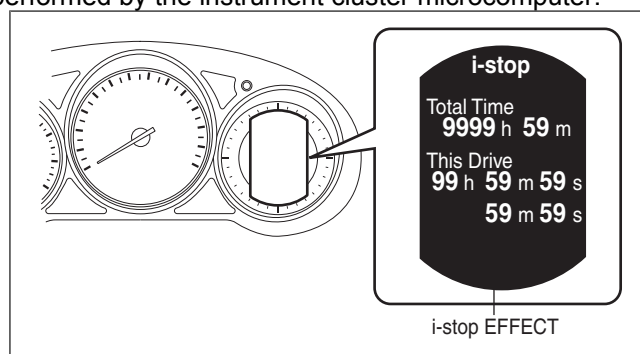
i-stop time
- i-stop time is displayed as the total i-stop operation time from engine start (ignition switch: ON) to engine stop (ignition switch: OFF).
- The range of i-stop time is from 0 h 00 min 00 s to 99 h 59 min 59 s.

Current i-stop time
- Current i-stop time is displayed i-stop time at which the i-stop is operating.
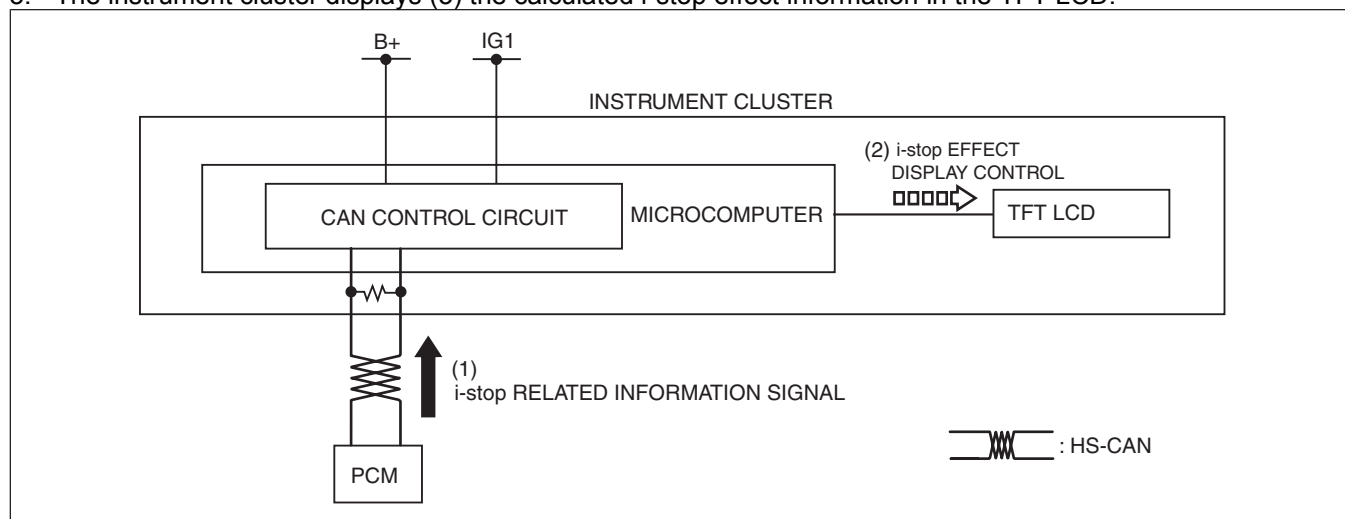- The range of the current i-stop time is from 0 min 00 s to 59 min 59 s.

Construction
- i-stop effect is displayed in the TFT LCD of the instrument cluster.
- i-stop effect display and time at i-stop calculations are performed by the instrument cluster microcomputer.
- When the ignition is switched ON (engine on), the i-stop time and total are displayed in the i-stop effect display.

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Operation
1. The instrument cluster receives (1) the i-stop related information signal from the PCM via the CAN signal.
2. The instrument cluster calculates (2) the i-stop time based on the received i-stop related information signal.
3. The instrument cluster displays (3) the calculated i-stop effect information in the TFT LCD.

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Fail-safe
- Function not equipped.