

i-stop GUIDANCE DISPLAY

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Purpose

- The i-stop guidance display informs the driver of the reason for not operating the i-stop (engine stop control) while the vehicle is being driven or is stopped.

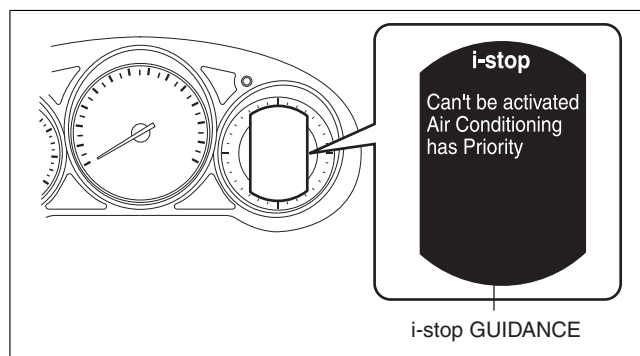
Function

- The i-stop guidance displays the reason for not operating the i-stop engine stop control on the LCD based on the following CAN signals sent from the PCM or climate control unit while the i-stop effect screen is displayed.

CAN signal sending module	Signal name
PCM	<ul style="list-style-type: none">i-stop related information signalEngine coolant temperature signalVehicle speed signal
Climate control unit	i-stop request (i-stop (engine stop control) inhibit command) signal




Construction






- The i-stop guidance is displayed in the LCD of the instrument cluster.
- The i-stop guidance display is performed by the instrument cluster microcomputer.
- The i-stop guidance which displays in the LCD is as follows:



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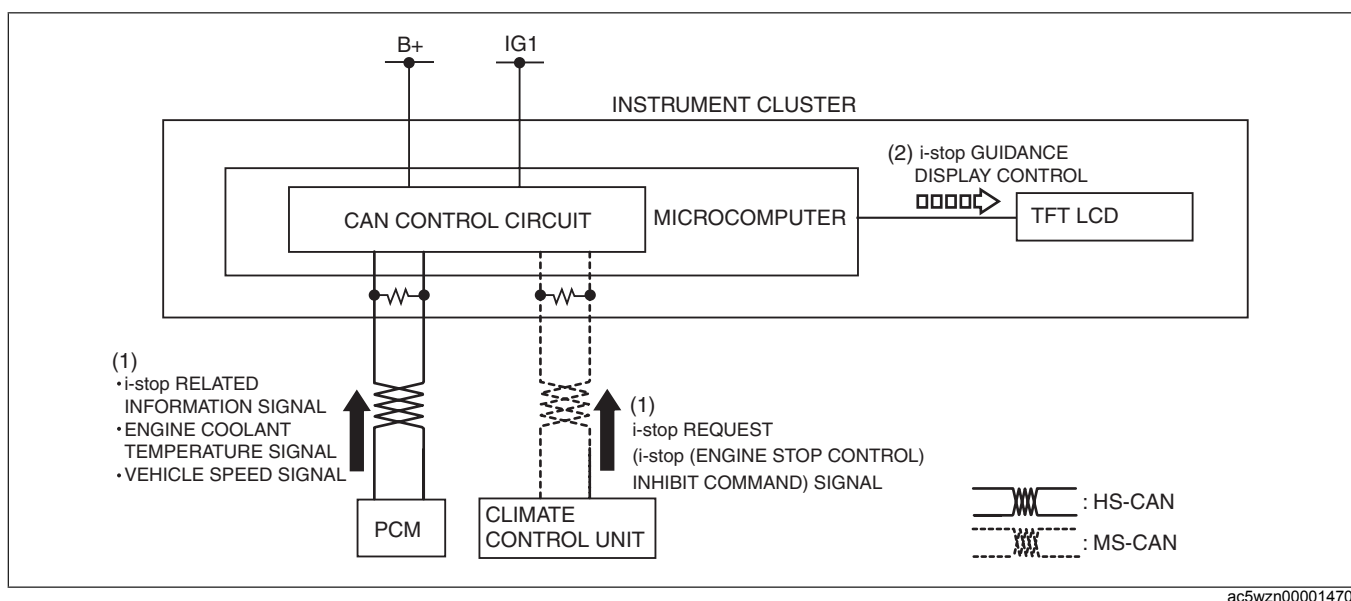
i-stop guidance display table

Indication on LCD	Content	Reference
	If an engine-stop by the i-stop control is attempted, the guidance indicates that the i-stop (engine stop control) inhibit conditions for the air conditioner system are met.	(See AIR CONDITIONER i-stop CONTROL [FULL-AUTO AIR CONDITIONER].) (See AIR CONDITIONER i-stop CONTROL [MANUAL AIR CONDITIONER].)
	If an engine-stop by the i-stop control is attempted, the guidance indicates that the steering angle is not within the specification of the i-stop (engine stop control) control conditions.	(See i-stop CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See i-stop CONTROL [SKYACTIV-D 2.2].)
	If an engine-stop by the i-stop control is attempted, the guidance indicates that the brake fluid pressure is not the specification or more for the i-stop (engine stop control) control conditions.	(See i-stop CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See i-stop CONTROL [SKYACTIV-D 2.2].)

	<p>Displays if several i-stop (engine stop control) control conditions for the steering angle, brake fluid pressure, and air conditioner system are not met.</p>	<p>(See i-stop CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See i-stop CONTROL [SKYACTIV-D 2.2].) (See AIR CONDITIONER i-stop CONTROL [FULL-AUTO AIR CONDITIONER].) (See AIR CONDITIONER i-stop CONTROL [MANUAL AIR CONDITIONER].)</p>
	<p>Displays if several i-stop (engine stop control) control conditions for the brake fluid pressure and air conditioner system are not met.</p>	<p>(See i-stop CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See i-stop CONTROL [SKYACTIV-D 2.2].) (See AIR CONDITIONER i-stop CONTROL [FULL-AUTO AIR CONDITIONER].) (See AIR CONDITIONER i-stop CONTROL [MANUAL AIR CONDITIONER].)</p>
	<p>Displays if several i-stop (engine stop control) control conditions for the steering angle and brake fluid pressure are not met.</p>	<p>(See i-stop CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See i-stop CONTROL [SKYACTIV-D 2.2].)</p>
	<p>Displays if several i-stop (engine stop control) control conditions for the steering angle and air conditioner system are not met.</p>	<p>(See i-stop CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See i-stop CONTROL [SKYACTIV-D 2.2].) (See AIR CONDITIONER i-stop CONTROL [FULL-AUTO AIR CONDITIONER].) (See AIR CONDITIONER i-stop CONTROL [MANUAL AIR CONDITIONER].)</p>
	<p>Displays when the engine stalls, not the i-stop function operates.</p>	<p>(See i-stop CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See i-stop CONTROL [SKYACTIV-D 2.2].)</p>

Operation

1. The instrument cluster receives the CAN signal sent from the PCM or climate control unit.
2. The instrument cluster displays the i-stop guidance information in the LCD based on the received CAN signal.



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Fail-safe

- Function not equipped.