

## AMBIENT TEMPERATURE DISPLAY

id092200021500

### Purpose

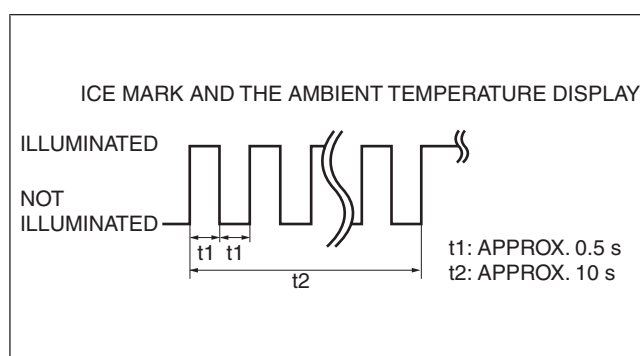
- The ambient temperature display notifies the user of the ambient temperature.

### Function

- The instrument cluster displays the ambient temperature based on the ambient temperature signal sent from the PCM as a CAN signal.
- The ambient temperature is displayed between  $-40$ — $70^{\circ}\text{C}$   $\{-40$ — $160^{\circ}\text{F}\}$ . If the ambient temperature is  $-40^{\circ}\text{C}$   $\{-40^{\circ}\text{F}\}$  or less,  $-40^{\circ}\text{C}$   $\{-40^{\circ}\text{F}\}$  is displayed, and  $70^{\circ}\text{C}$   $\{160^{\circ}\text{F}\}$  is displayed if the temperature is  $70^{\circ}\text{C}$   $\{160^{\circ}\text{F}\}$  or more.

### Road ice warning function

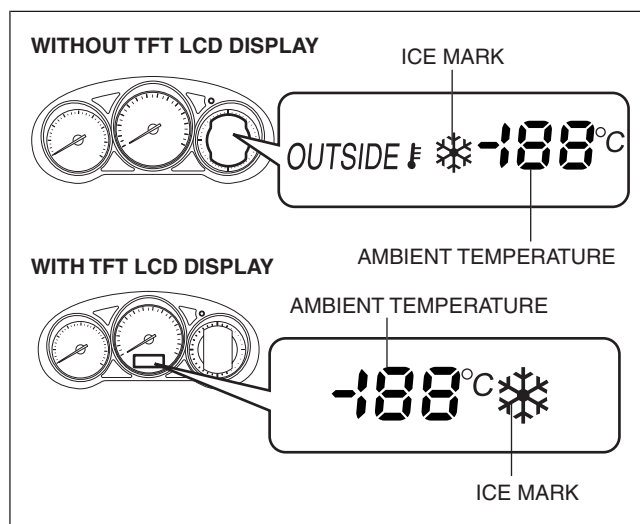
- When the instrument cluster receives an ambient temperature signal of  $4^{\circ}\text{C}$   $\{39^{\circ}\text{F}\}$  or less from the PCM, it displays the ice mark. After receiving the ambient temperature signal of  $4^{\circ}\text{C}$   $\{39^{\circ}\text{F}\}$  or more, it flashes the ice mark and the ambient temperature display for about 10 s to warn the user that the road surface may be icy.
- Once the instrument cluster performs the road ice warning, it will not perform it again until it receives an ambient temperature of  $6^{\circ}\text{C}$   $\{43^{\circ}\text{F}\}$  or more.
- The ice mark and ambient temperature flashing pattern is as indicated in the figure.



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### Construction

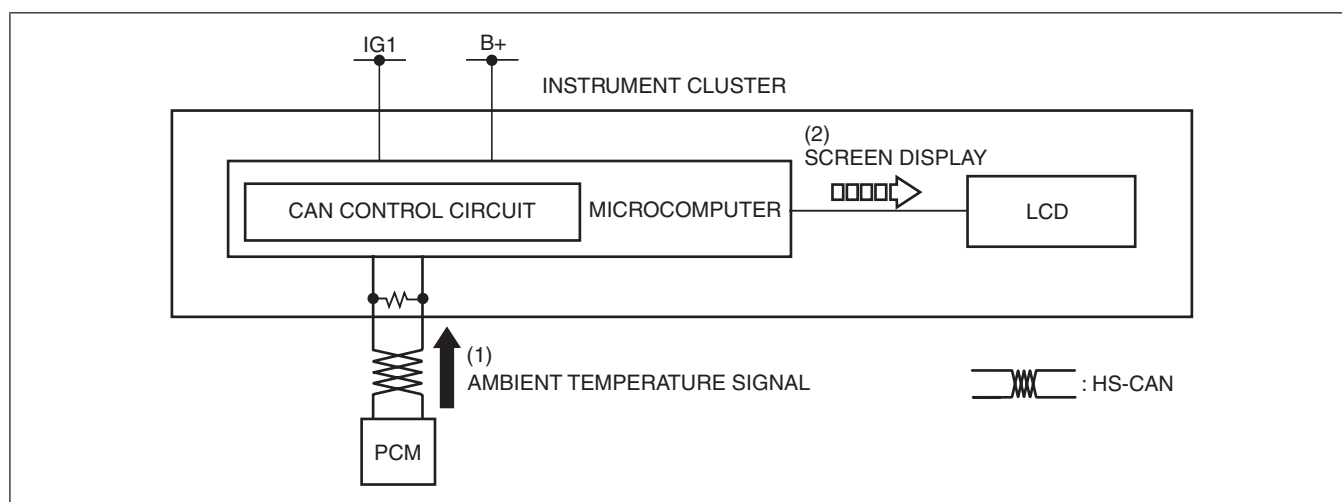
- The ambient temperature is displayed on the LCD in the instrument cluster.



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### Operation

- When the ignition is switched ON, the instrument cluster receives an ambient temperature signal from the PCM (1).
- Based on the ambient temperature signal, the instrument cluster displays the ambient temperature and ice mark on the LCD.



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### Fail-safe

- Function not equipped.