ODOMETER/TRIPMETER

Purpose
- The odometer/tripmeter notifies the user of the total travel distance or the traveled distance over a specific interval.

Function
- The instrument cluster calculates the traveled distance based on the traveled distance signal from the PCM and displays it.
- The instrument cluster stores the calculated travel distance in the microcomputer of the instrument cluster.
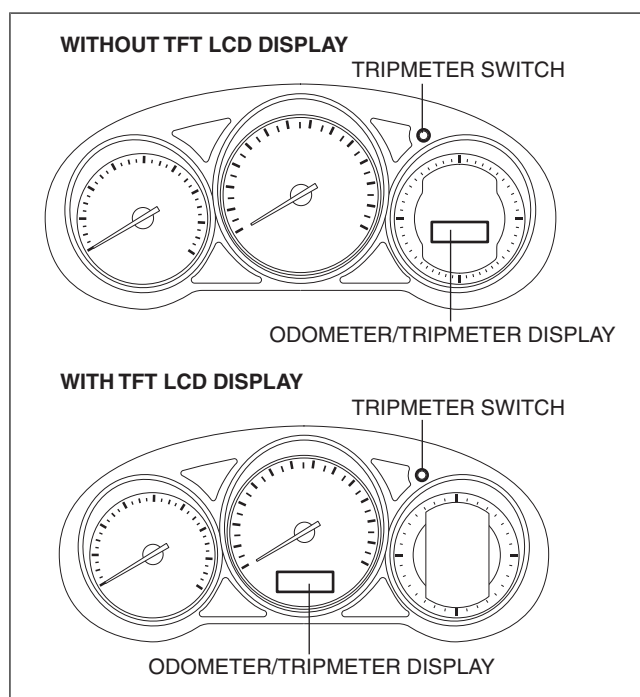
Odometer calculation function
- The instrument cluster calculates the total traveled distance based on the traveled distance signal from the PCM and the stored traveled distance, and displays it.
- The total traveled distance which can be displayed is from 0 to 999,999.

Tripmeter A/B calculation function
- The instrument cluster calculates the traveled distance based on the traveled distance signal from the PCM and the traveled distance from when the tripmeter is reset, and displays it.
- There are A and B tripmeters and the display for each can be switched with each press of the tripmeter switch.
- If the tripmeter switch is continuously pressed for **approx. 1 s or more**, the tripmeter traveled distance is reset (0.0)
- The traveled distance which can be displayed is from 0.0 to 999.9. After 999.9, it returns to 0.
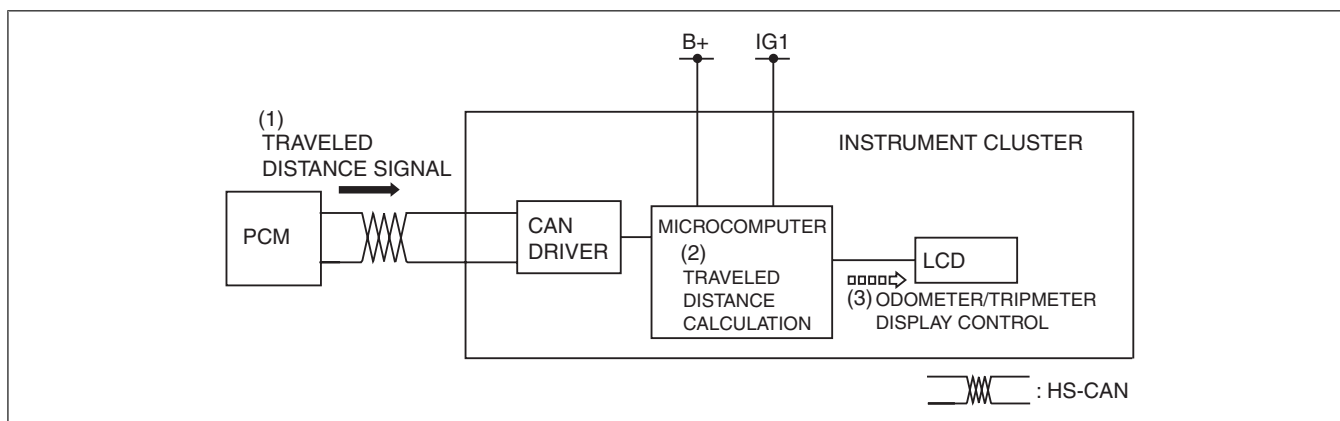
Construction
- The odometer/tripmeter is displayed in the LCD of the instrument cluster.
- The tripmeter switch is installed to the instrument cluster.
- The calculation for the odometer/tripmeter display and the traveled distance is performed by the instrument cluster microcomputer.

WITHOUT TFT LCD DISPLAY
TRIPMETER SWITCH
ODOMETER/TRIPMETER DISPLAY

WITH TFT LCD DISPLAY
TRIPMETER SWITCH
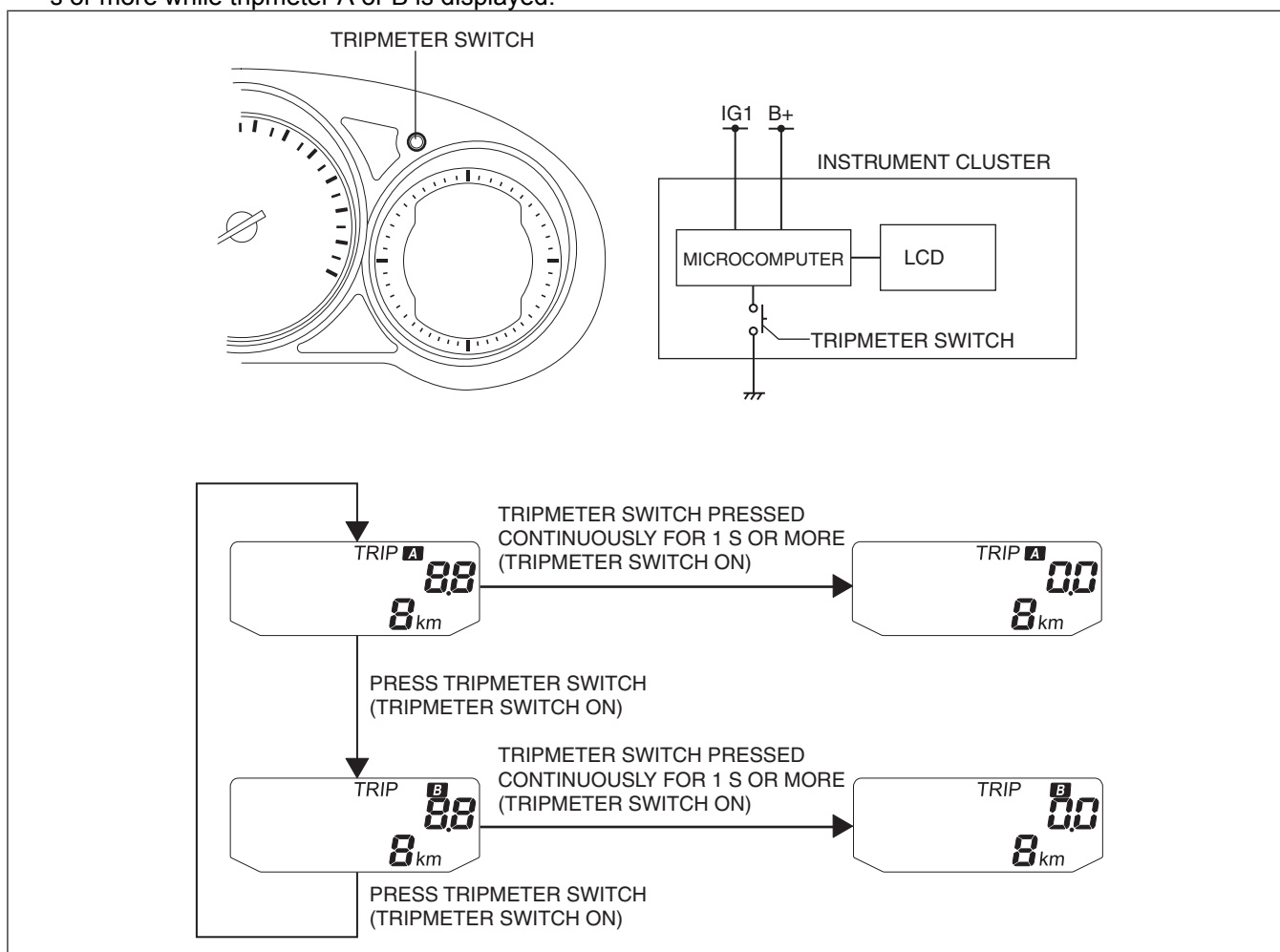ODOMETER/TRIPMETER DISPLAY

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Operation
1. The instrument cluster receives (1) the traveled distance signal from the PCM when the ignition is switched ON (engine on).
2. The instrument cluster calculates the traveled distance (2) in the recorded total traveled distance (odometer) data and the traveled distance over a specific interval (tripmeter) based on the received traveled distance signal.
3. The instrument cluster displays (3) the calculated travel distance in the LCD.

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Odometer/tripmeter switching operation
- The instrument cluster switches the odometer/tripmeter display when a tripmeter switch ON is detected.
- The instrument cluster returns the traveled distance display to 0.0 when a tripmeter switch ON is detected for 1 s or more while tripmeter A or B is displayed.

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Fail-safe
- Function not equipped.