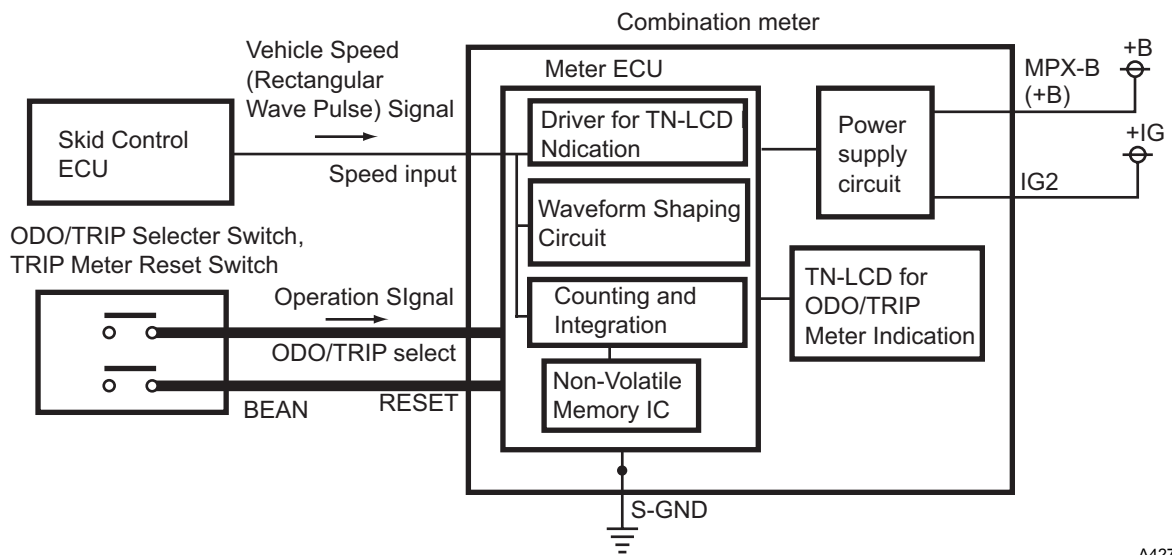


Odo / Trip Meter Operation

- The meter ECU calculates the driven distance data by counting and estimating the vehicle speed (rectangular wave pulse) signals that are output by the skid control ECU. Then, the meter ECU actuates the LCD display driver to illuminate the corresponding segment of the LCD, in order to indicate the driven distance.
- When the meter ECU receives the input of an operating signal of the odo/tripmeter selector switch, the meter ECU will switch the display in the following order: odometer -> tripmeter A -> tripmeter B -> odometer. When the meter ECU receives the input of an operating signal of the tripmeter reset switch, it reverts the driven distance indication on the tripmeter to 0.0 mile.
- The meter ECU stores the driven distance data. A non-volatile memory IC* is used to store the odometer values in order to keep the data in memory even after the +B power supply is turned OFF.

❖REFERENCE❖

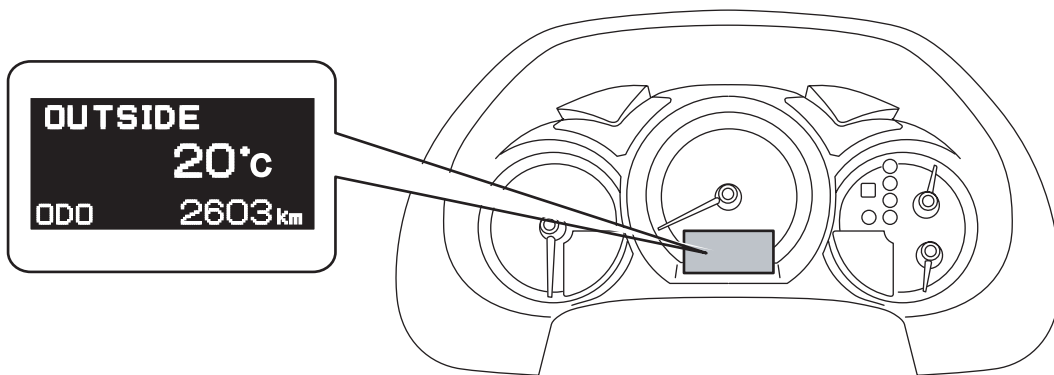
*A type of memory IC that keeps data in memory even if no electric power is supplied to it.



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Outside Temp. Display

- The outside air temperature gauge is located in the same display area as the odo/tripmeter. It digitally indicates the outside air temperature on the LCD.



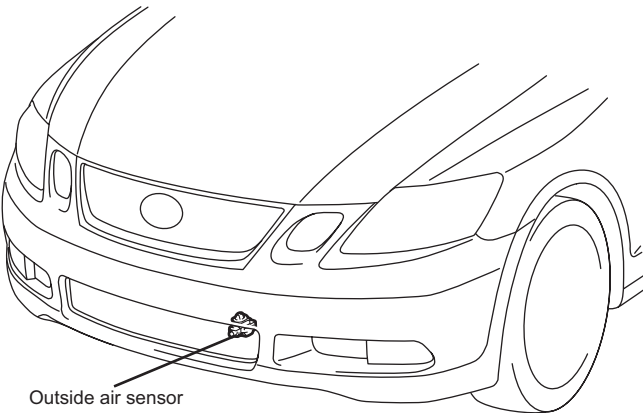
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Outside Air temperature Specifecation

Indication Area	Indication Configuration	Function
-40~50°C.(1°C increments)	- Displays "E" if the meter ECU cannot receive an outside air temperature display signal. - Displays "E° C" if the meter ECU cannot receive outside air temperature data. - Displays "--°C" in case of a failure in the outside air temperature sensor.	- The front air conditioning ECU receives outside air temperature data from the engine ECU and calculates the display outside air temperature. Then, it sends the outside air temperature display signal to the meter ECU. - The meter ECU receives the outside air temperature display data from the front air conditioning ECU, and displays the outside air temperature.

Ambient Temperature Sensor

- To indicate outside air temperature on the display located in the center instrument panel, the meter ECU receives the input of a signal from the outside air sensor, which is mounted below the bumper reinforcement. This signal is input via the engine ECU in the form of the BEAN (Body Electronics Area Network).



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