

CLOCK

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Purpose

- The clock displays the current time, the passenger and rear seat belt status, the passenger air bag deactivation (PAD) switch status, and the seat warmer operation status to notify the user.

Function

- Stores the time set by the user and displays the current time.

Seat belt warning light function

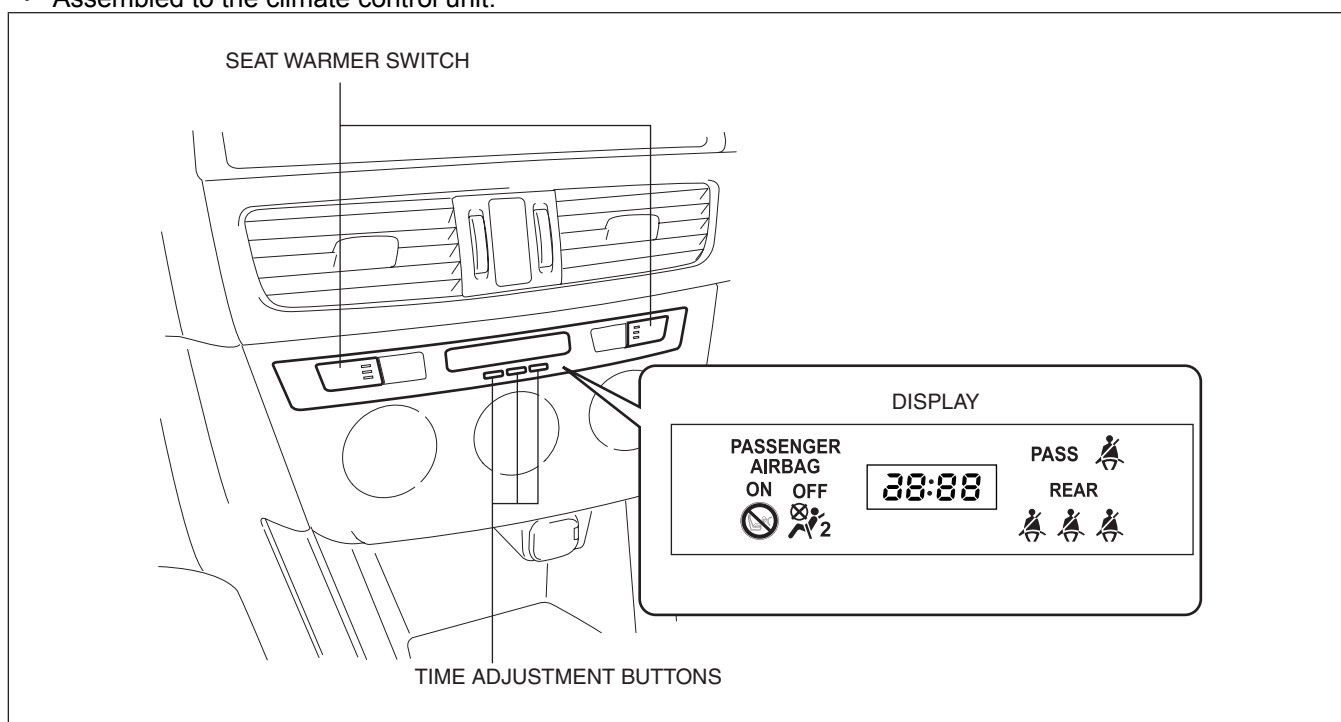
- When the clock receives a seat belt warning light request signal sent via CAN transmission from the instrument cluster, it illuminates the seat belt warning light.

Front passenger air bag deactivation indicator light function

- When the clock receives a front passenger air bag deactivation indicator light request signal sent via a CAN signal from the instrument cluster, it illuminates the front passenger air bag deactivation indicator light.

Construction

- Consists of the display which displays the current time and indicator/warning lights, the time adjustment button, and the seat warmer switch (with seat warmer).
- Assembled to the climate control unit.



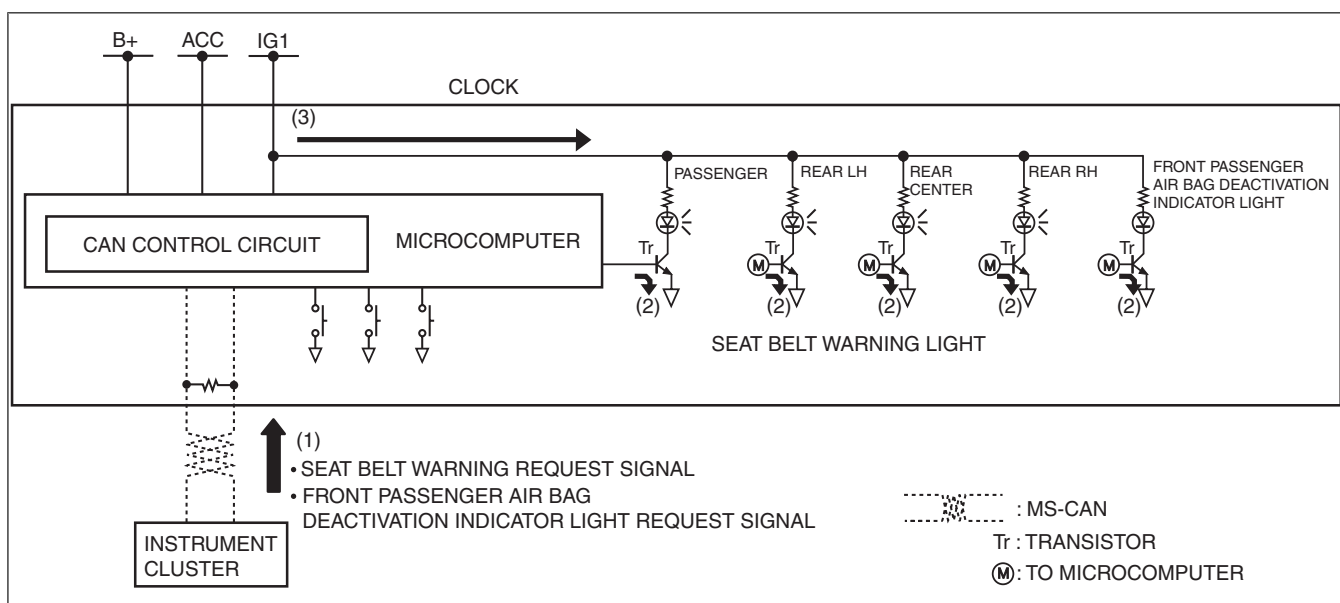
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Operation

- The clock displays the current time when the ignition is switched to ACC or ON (engine off or on).

Warning/indicator light operation

1. The clock receives (1) a seat belt warning request signal and front passenger air bag deactivation indicator light request signal from the instrument cluster.
2. The clock microcomputer turns the transistor on (2) based on each signal.
3. When the transistor turns on, a ground circuit with each warning/indicator light is established, and the warning/indicator light illuminates (3).



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Seat warmer switch

- For details on the seat warmer switch operation, refer to SEAT WARMER SYSTEM.

Fail-safe

- Function not equipped.