

## REAR LIGHT SYSTEM

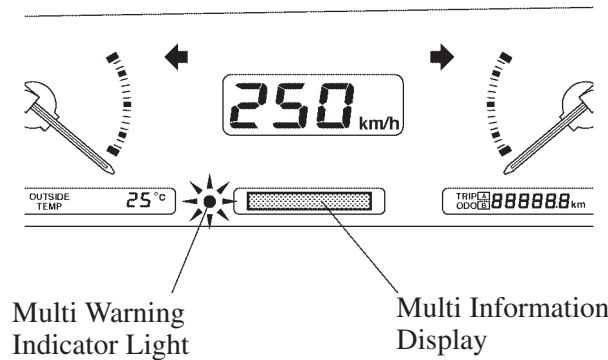
The rear light system has the following features:

- The rear light system, which consists of the taillights, stoplights, etc., is controlled by the rear light ECUs. Separate rear light ECUs are provided for the right and left rear light systems.
- By maintaining multiplex communication with the body ECU, the rear light ECUs receive the operating signals from the light control switch and the stoplight switch to control the turning ON/OFF of the rear lights. In addition, the rear light ECUs transmit the operating condition (ON/OFF) of the rear lights to the body ECU.
- When a rear light ECU detects that a rear light bulb is blown, it transmits a signal to the combination meter via the body ECU. In accordance with this signal, the meter ECU in the combination meter causes the multi warning indicator light to blink and displays on the multi information display the name of the light with the open circuit. This open circuit detection function detects an open circuit in any of the rear lights indicated below.

Rear Light: Stop Light, Taillight, Rear Fog Light, Back-Up Light

- The 2 rear light ECUs and the body ECU are connected by a multiplex communication line and a backup communication line.

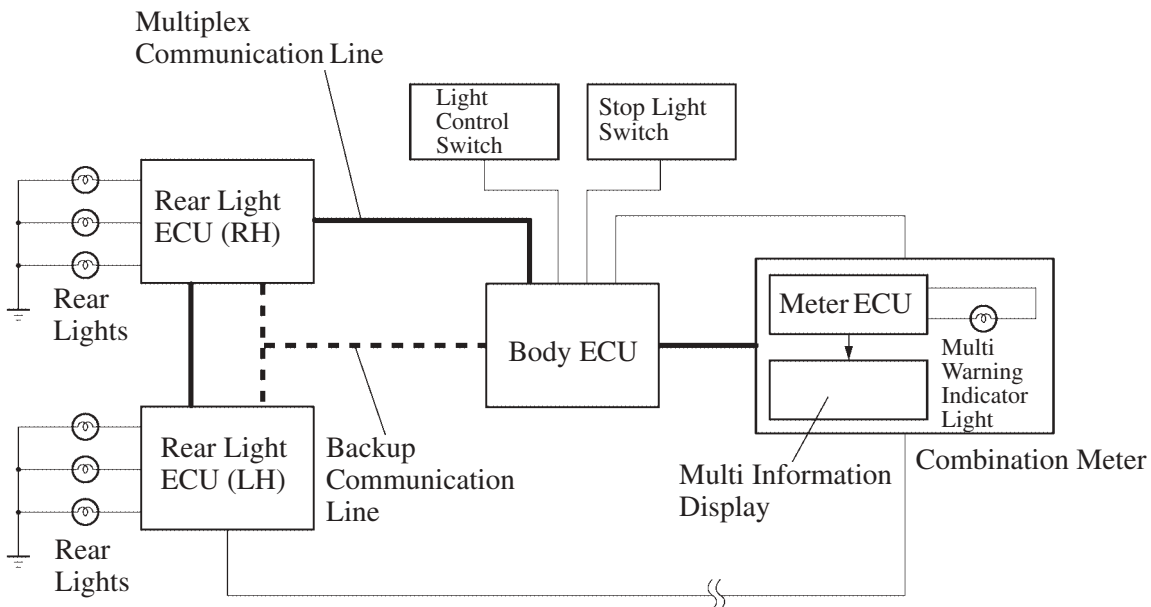
The backup communication line, which provides a fail-safe function in case of a malfunction in the multiplex communication line, ensures reliability.



LHD Model

162BE40

### System Diagram



162BE23