

## FRONT DOOR LATCH SWITCH

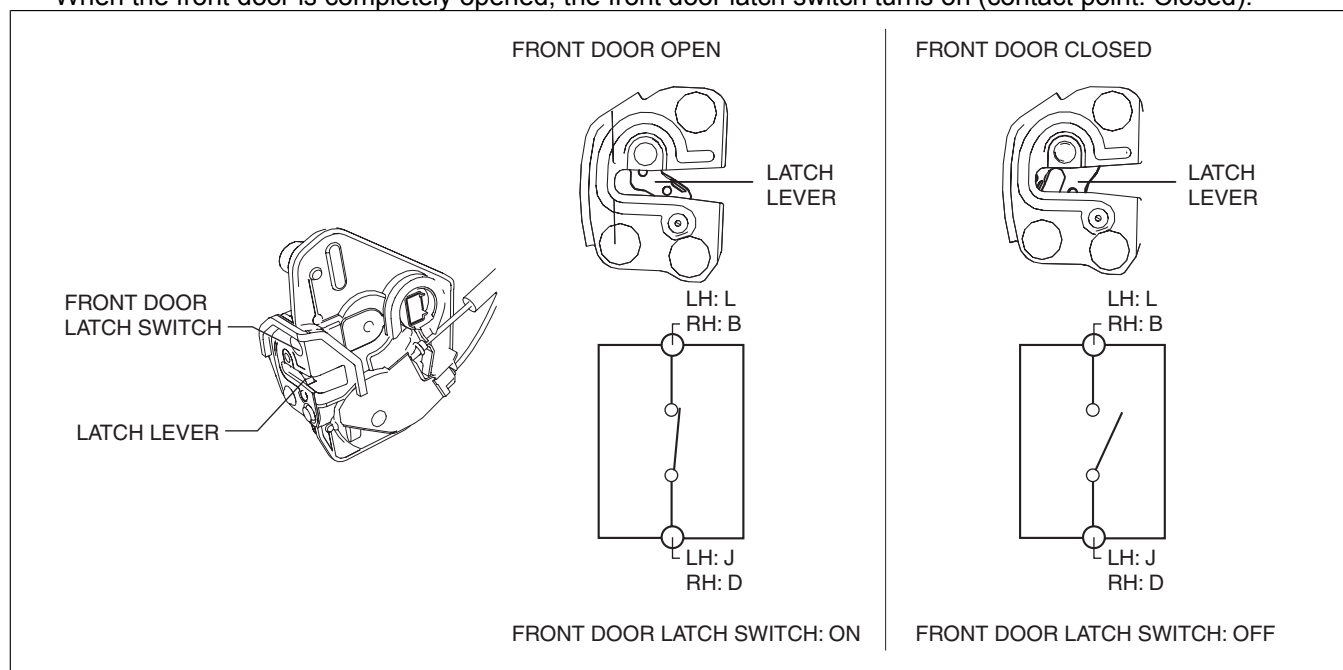
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### Purpose, Function

- Switches on/off in conjunction with the latch lever rotation, and detects the front door open/closed condition by the voltage which is changed by the rear body control module (RBCM).

### Construction

- The switch is turned on/off by the rotation of the latch lever.
- When the front door is completely opened, the front door latch switch turns on (contact point: Closed).



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### Operation

#### Door open (unlatch) operation

1. When the inner or outer handle is operated, the door opens, the latch lever is in an unlatched condition, and the front door latch switch turns on.

#### Door closed (latched) operation

1. When a door is closed, the front door lock striker enters the latch lever groove.
2. When the door is further closed, the latch lever is pressed by the front door lock striker and it rotates.
3. When the door is completely closed, the latch lever is in a latched condition, the front door latch switch turns off.

### Fail-safe

- Function not equipped.