

LIFTGATE LATCH SWITCH

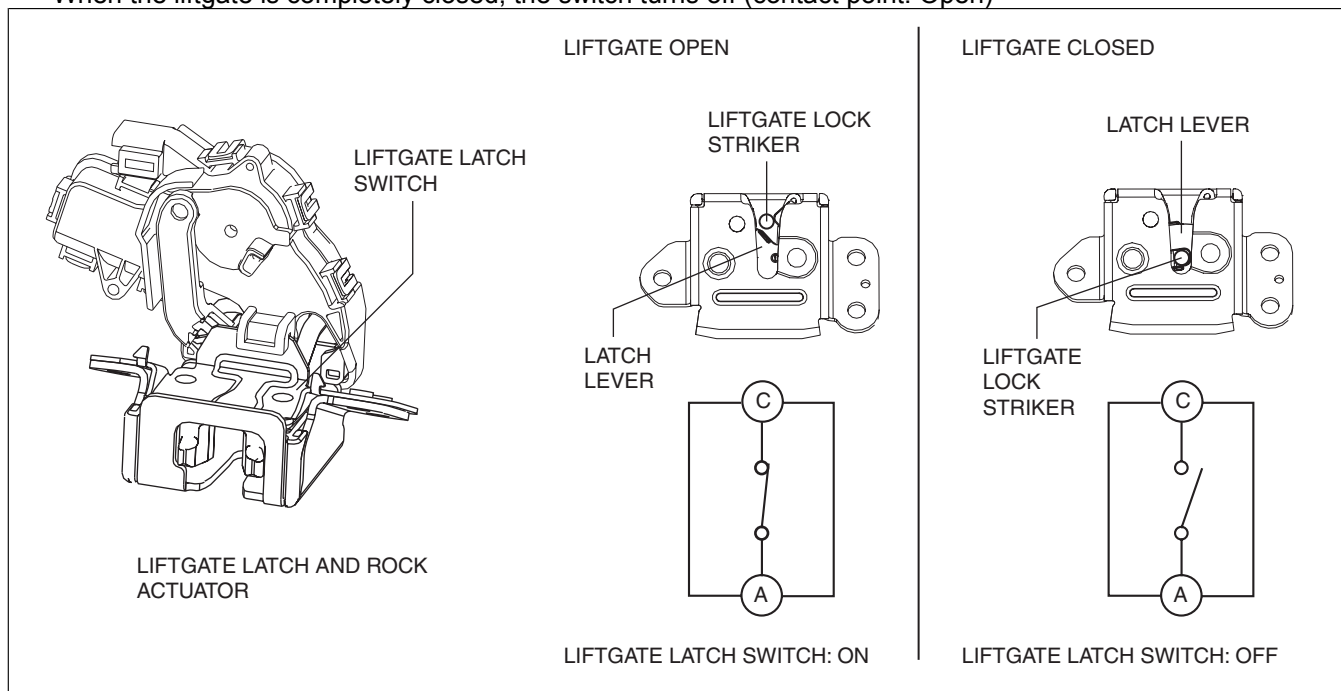
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Purpose, Function

- The switch turns on/off in conjunction with the rotation of the latch lever, and it detects the open/closed condition of the liftgate by the voltage value 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 liftgate is completely closed, the switch turns off (contact point: Open)



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Operation

Liftgate closed (latched) operation

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

Liftgate open (unlatch) operation

1. When the liftgate lock actuator operates to open the liftgate, the latch lever is in an unlatched condition, and the liftgate latch switch turns on.

Fail-safe

- Function not equipped.