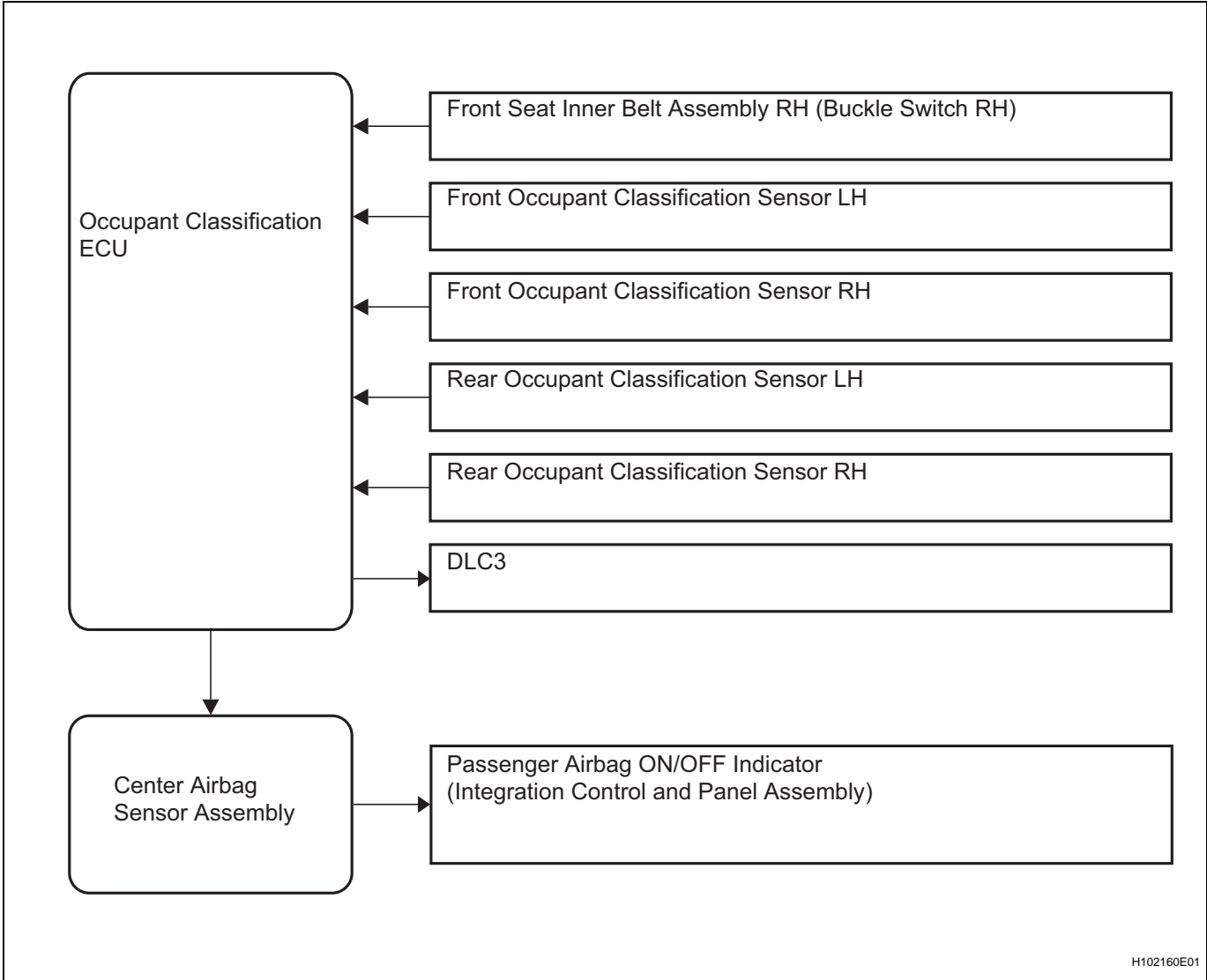


SYSTEM DIAGRAM

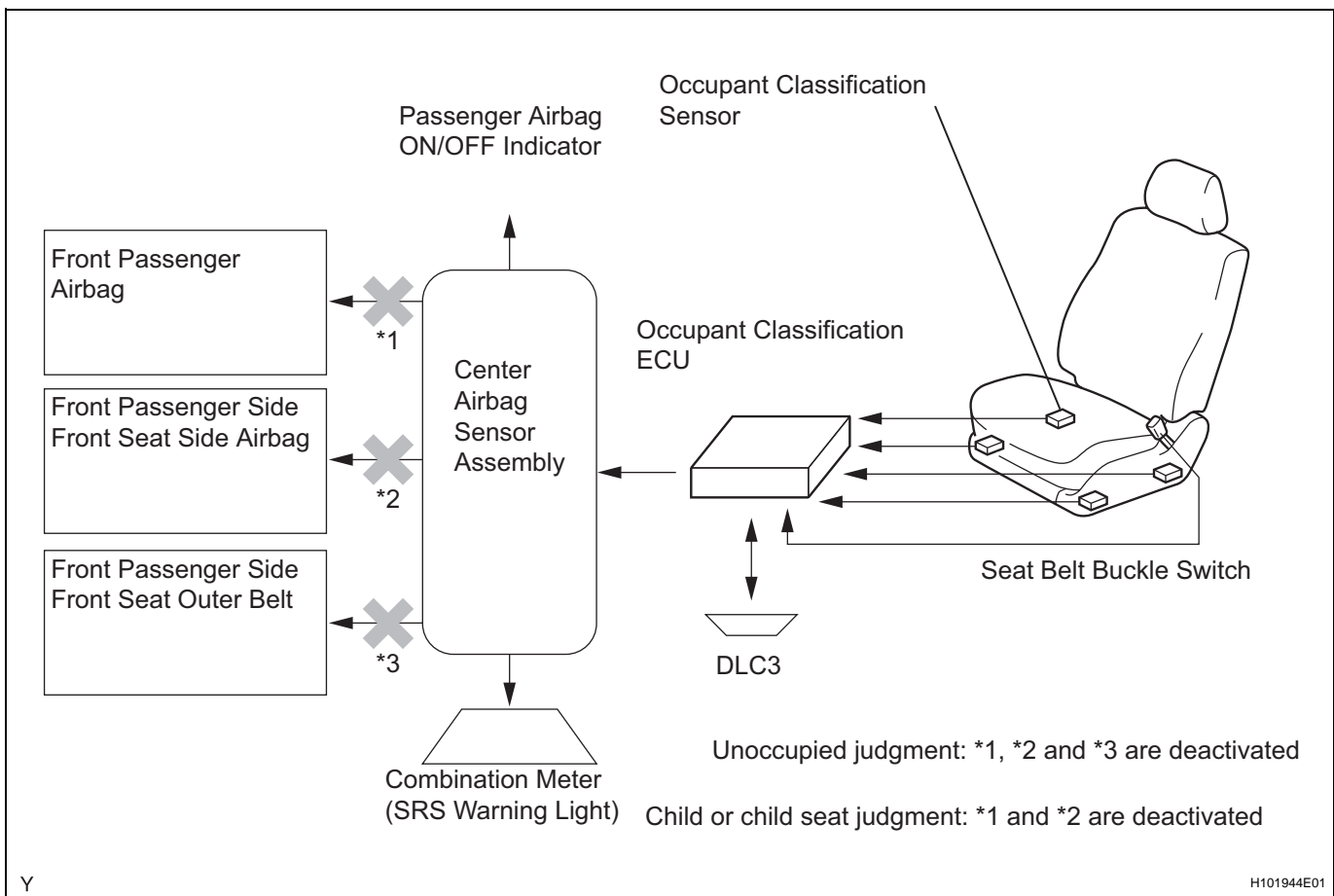
RS



SYSTEM DESCRIPTION

1. GENERAL

- (a) The front passenger occupant classification system judges whether the front passenger seat is occupied by an adult or child (with child seat) or is unoccupied, in accordance with the load that is applied to the front passenger seat and whether the seat belt is buckled. Thus, when appropriate, it restricts the deployment of the front passenger airbag, front passenger side airbag, and the front passenger seat belt pretensioner. In addition, the system informs the driver of the result of the judgment through the use of the airbag ON/ OFF indicator.



2. MAIN COMPONENTS

Component	Description
Occupant Classification Sensor	Outputs voltages to occupant classification ECU in accordance with load applied to sensor
Occupant Classification ECU	Constantly monitors weight of front passenger seat load, and judges occupancy condition in accordance with signals from occupant classification sensors and seat belt buckle switch
Airbag ON/OFF Indicator	Airbag ON indicator illuminates when front passenger and front passenger side airbags activated. Airbag OFF indicator illuminates when front passenger and front passenger side airbags deactivated.
Seat Belt Buckle Switch	Detects whether seat belt fastened and outputs appropriate signals to occupant classification ECU