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| **Model Year:** 2013 | **Model:** RAV4 | **Prod Date Range:** [12/2012 - ] |
| **Title:** SUPPLEMENTAL RESTRAINT SYSTEMS: OCCUPANT CLASSIFICATION SYSTEM: GENERAL; 2013 MY RAV4 [12/2012 - ] | | |

# GENERAL

## 1. OUTLINE

(a) The occupant classification system judges whether the front passenger seat is occupied by an adult or child (with a child seat) or is unoccupied in accordance with the load that is applied to the front passenger seat and whether the seat belt is fastened.

(b) This system restricts the deployment of the front passenger airbag assembly and front seat outer belt assembly RH.

(c) The system informs the driver of the result of the judgment through the use of the AIRBAG ON/OFF indicator lights.

(d) This system consists of an occupant detection ECU, 2 occupant detection sensors, AIRBAG ON/OFF indicator lights, front seat inner belt assembly RH and center airbag sensor assembly.

## 2. PRECAUTION

(a) To avoid potential death or serious injury caused by the occupant classification system not detecting the conditions correctly, observe the following:

(1) Wear the seat belt properly.

(2) Make sure that the front passenger seat belt tab has not been left inserted into the buckle before someone sits in the front passenger seat.

(3) Make sure that the AIRBAG ON indicator light is illuminated when using a seat belt extender for the front passenger seat. If the AIRBAG OFF indicator light is illuminated, disconnect the extender tongue from the seat belt buckle, then reconnect the seat belt. Reconnect the seat belt extender after making sure the AIRBAG ON indicator light is illuminated. If a seat belt extender is in use while the AIRBAG OFF indicator light is illuminated, the instrument panel passenger without door airbag assembly, lower No. 2 instrument panel airbag assembly and front seat outer belt assembly RH may not activate correctly, which could cause death or serious injury in the event of a collision.

(4) Do not put a heavy load in the front passenger seat back pocket or attach a seat back table to the front passenger seat back.

(5) Do not put weight on the front passenger seat by putting hands or feet on the front passenger seat back from the rear seat.

(6) Do not let a rear passenger lift the front passenger seat with feet or press on the seat back with legs.

(7) Do not put objects under the front passenger seat.

(8) Do not recline the front passenger seat back so far that it touches the rear seat. This may cause the AIRBAG OFF indicator light to illuminate, which indicates that the passenger airbags will not deploy in the event of a severe accident. If the seat back touches the rear seat, return the seat back to a position where it does not touch the rear seat.

(b) Keep the front passenger seat back as upright as possible when the vehicle is moving. Reclining the seat back excessively may lessen the effectiveness of the seat belt.

(1) Make sure that the AIRBAG ON indicator light is illuminated when an adult sits in the front passenger

seat. If the AIRBAG OFF indicator light is illuminated, ask the passenger to sit properly with their back upright and against the seat, with legs comfortably extended and to wear the seat belt correctly. If the AIRBAG OFF indicator light remains illuminated nonetheless, ask the passenger to sit in the rear seat. When it is unavoidable to sit in the front passenger seat, ask the passenger to move the seat as far back as possible and remain properly seated.

(2) When it is unavoidable to install a forward-facing child restraint system on the front passenger seat, install the child restraint system on the front passenger seat in the proper manner.

(3) Do not kick the front passenger seat or subject it to severe impacts. Otherwise, the SRS warning light may come on to indicate a malfunction of the detection system.

(4) Do not install child restraint systems on the rear seat so that they come into contact with the front seat backs.