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| **Model Year:** 2013 | **Model:** RAV4 | **Prod Date Range:** [12/2012 - ] |
| **Title:** CRUISE CONTROL: CRUISE CONTROL SYSTEM: GENERAL; 2013 MY RAV4 [12/2012 - ] | | |

# GENERAL

## 1. OUTLINE

(a) The cruise control system is available depending on the model.

(b) The cruise control system is controlled by the ECM.

(c) The cruise control system effects control through the Electronic Throttle Control System-intelligent (ETCS-i). Once the cruise control system is set to the desired vehicle speed, the throttle valve position is adjusted automatically to maintain the vehicle speed without depressing the accelerator pedal. The ECM compares the actual vehicle speed and the set speed. If the vehicle speed is higher than the set speed, the ECM activates the throttle control motor in the throttle closing direction. If the vehicle speed is lower than the set speed, the ECM activates the throttle motor in the throttle opening direction.

## 2. PRECAUTION

(a) Ignition Switch Expressions

(1) The type of ignition switch used on this model differs depending on the specifications of the vehicle. The expressions listed in the table below are used in this section.

| EXPRESSION | IGNITION SWITCH (POSITION) | ENGINE SWITCH (CONDITION) |
|---|---|---|
| Ignition Switch off | LOCK | Off (Lock) |
| Ignition Switch ACC | ACC | On (ACC) |
| Ignition Switch ON | ON | On (IG) |
| Engine Start | START | On (Start) |

(b) Cruise Control System

(1) Observe the following precautions when using the cruise control system:

1. Turn the ON/OFF button off when the cruise control system is not being used.
2. Beware of a possible increase in vehicle speed when driving downhill (if the vehicle speed increases excessively, cancel the cruise control system and shift down to decelerate with the engine brake).
3. If the cruise main indicator light illuminates in yellow while the cruise control system is on, first turn the cruise control system off. Then, turn the cruise control system back on. If the cruise main indicator light continues to illuminate in yellow after performing the above, there may be a malfunction in the system.

(2) Do not use the cruise control system under the following road and vehicle conditions:

- Road with heavy traffic
- Steep downhill
- Road with sharp bends
- Winding road
- Frozen or snowy road

- Slippery road surface
- Towing trailer