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| **Model Year:** 2013 | **Model:** RAV4 | **Prod Date Range:** [12/2012 - ] |
| **Title:** THEFT DETERRENT / KEYLESS ENTRY: SMART KEY SYSTEM: GENERAL; 2013 MY RAV4 [12/2012 - ] | | |

# GENERAL

### 1. OUTLINE

(a) The smart key system has the following main functions, making it a very user-friendly system:

| FUNCTION | OUTLINE | |
|---|---|---|
| Start Function | The start function is operated by simply pressing the engine switch while carrying the electrical key transmitter sub-assembly. When the engine switch is pressed, the certification ECU turns on/off the ACC relay, IG1 relay and IG2 relay to switch the power source pattern.<br>• The power source mode changes depending on the depression of the brake pedal and the shift lever position. | |
| | Immobiliser | The immobiliser function compares the ID code registered in the certification ECU with the ID code of the transponder chip embedded in the electrical key transmitter sub-assembly. |
| | Steering Lock | The steering lock function is operated to lock and unlock the steering wheel by using a lock/unlock motor in the steering column assembly. |
| Entry Function | Entry Unlock:<br>• All doors are unlocked by grabbing the front outside door handle assembly.<br>Entry Lock:<br>• Touching the lock sensor of the front outside door handle assembly or the lock switch of the back door will cause all doors to lock. | |
| | Entry Back Door Open | The entry back door open can be operated manually by simply pressing the back door opener switch. |
| | Wireless Door Lock Control | The wireless door lock control function is a convenient system for locking and unlocking all the doors and the back door at a distance. The basic operation is the same as that of the wireless door lock control system. |