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

# GENERAL

## 1. OUTLINE

(a) The following brake control functions are provided: Anti-lock Brake System (ABS), Electronic Brake force Distribution (EBD), brake assist, Auto LSD, Traction Control (TRAC) and Vehicle Stability Control (VSC).

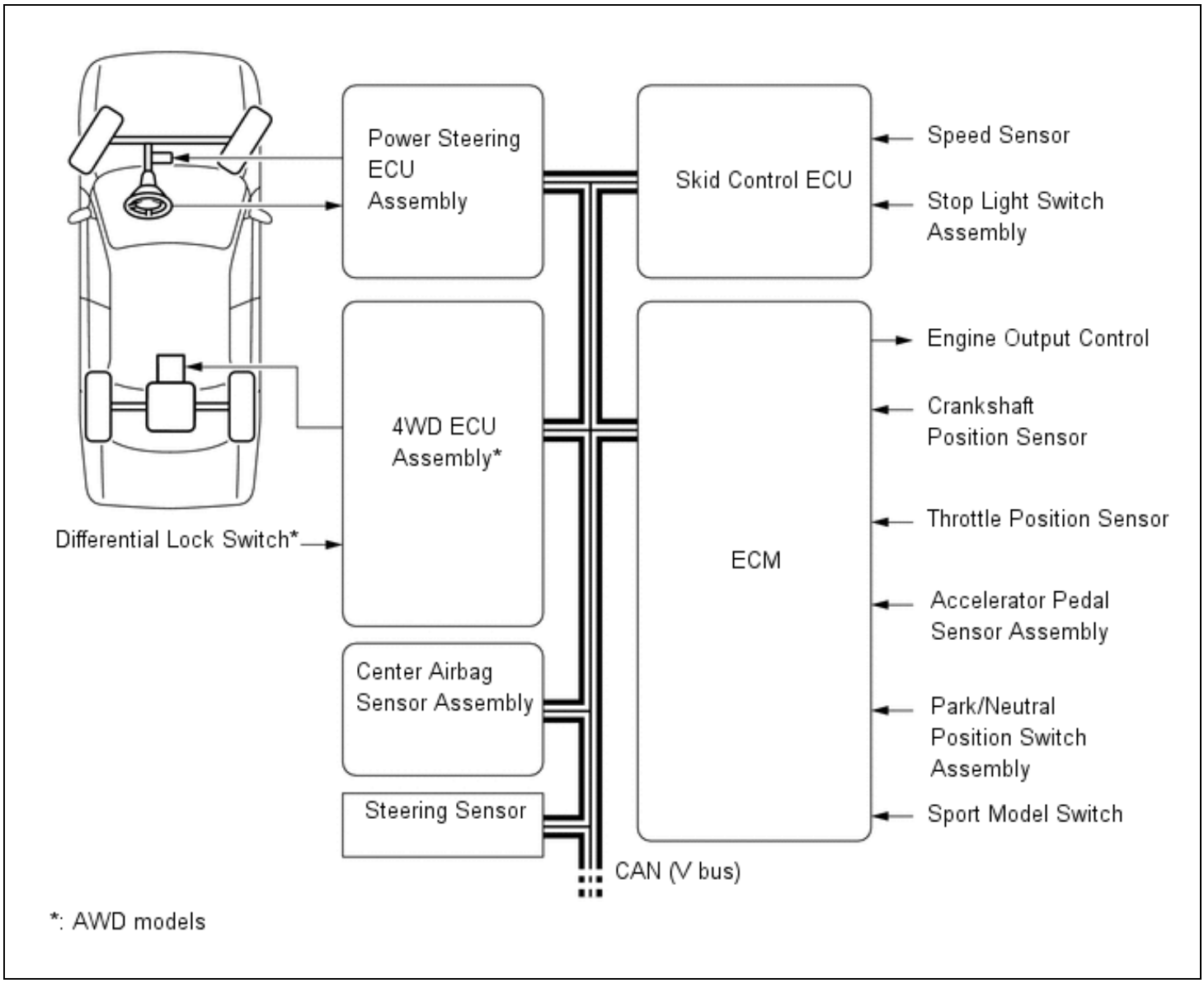
(b) The cooperative control with the EPS and AWD system is used.

## 2. MAIN FEATURES

(a) Cooperative Control with EPS and AWD System

(1) The cooperative control with the EPS and AWD system uses a cooperative control function that performs integrated control of the brake control system, Electric Power Steering (EPS) system and dynamic torque control AWD system* in accordance with driving conditions. Thus, the cooperative control with the EPS and AWD system improves the dynamic performance of the vehicle to run, turn and stop, and ensures excellent driving stability, driveability and acceleration performance during cornering.

*: AWD models




## 3. 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) When the brake control system is activated, the brake pedal could shudder. This is a normal occurrence of the system in operation and should not be considered a malfunction.

(c) The TRAC and VSC functions control brake hydraulic pressure and engine output to ensure vehicle stability.

Therefore, operate the VSC OFF switch (stop the operation of the TRAC and VSC functions) only when it is necessary.