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|---|---|---|
| **Last Modified:** 03-12-2013 | 6.4 F | **Doc ID:** NM1000000005PTW |
| **Model Year:** 2013 | **Model:** RAV4 | **Prod Date Range:** [12/2012 - ] |
| **Title:** AXLE AND DIFFERENTIAL: DIFFERENTIAL SYSTEM: GENERAL; 2013 MY RAV4 [12/2012 - ] | | |

# GENERAL

## 1. OUTLINE

(a) A compact and lightweight FD13A differential with an integrated electromagnetic control coupling is used on AWD models.

(b) The electromagnetic control coupling is controlled by the 4WD ECU assembly. The electromagnetic control coupling controls the amount of drive torque transferred to the rear wheels.

## 2. SPECIFICATION

**Rear Differential**

| | | |
|---|---|---|
| Differential Type | | FD13A |
| Gear Type | | Hypoid Gear |
| Differential Gear Ratio | | 2.277 |
| Drive Pinion | No. of Teeth | 18 |
| Ring Gear | No. of Teeth | 41 |
| No. of Differential Pinion | | 2 |
| Oil Viscosity | | SAE 75W-85 |
| Oil Grade | | API GL-5 |
| Oil Capacity | | 0.5 Liters (0.5 US qts, 0.4 Imp. qts) |
| Weight (Reference) | | 17 kg (37.7 lb) |