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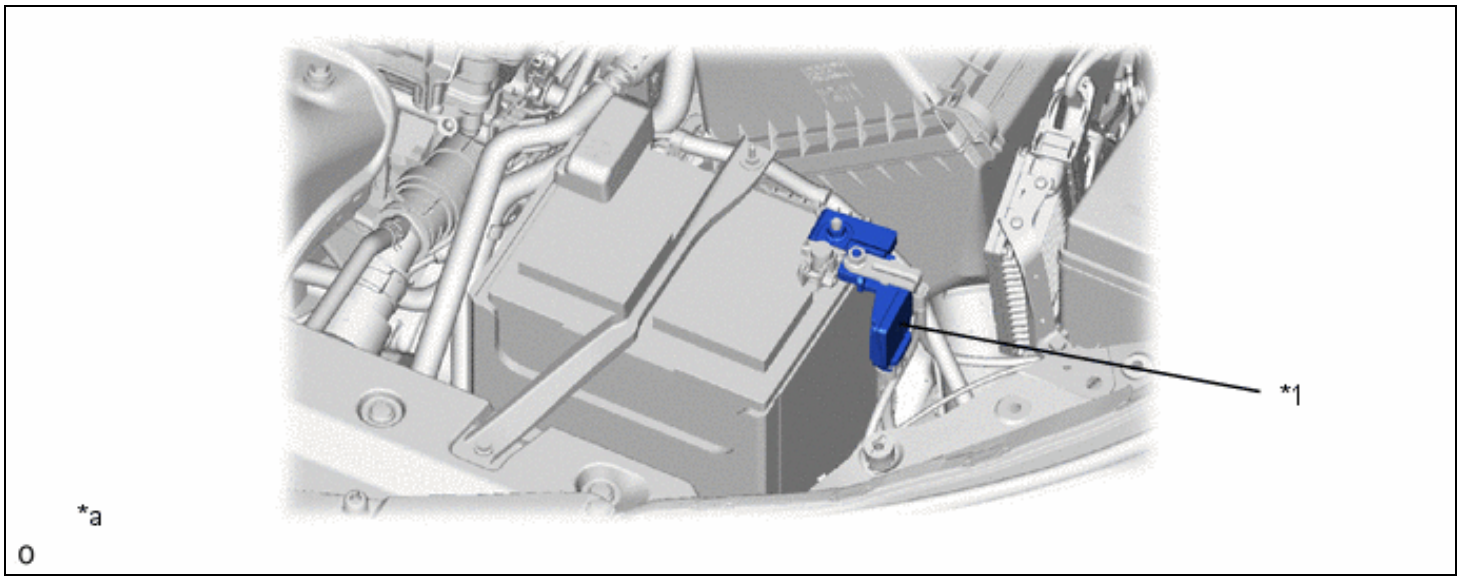
| **Title:** 2AR-FE BATTERY / CHARGING: CHARGING SYSTEM: BATTERY CURRENT SENSOR; 2013 MY RAV4 [12/2012 - ] | | |

# BATTERY CURRENT SENSOR

## 1. CONSTRUCTION

(a) The generator control ECU assembly installed on the negative (-) terminal of the battery detects the battery charge and discharge current and calculates the battery capacity.

(b) A shunt resistor is used for detection of the charge and discharge current. The battery charge and discharge current is converted and calculated by measuring the voltage drop across the shunt resistor.

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| *1 | Generator Control ECU Assembly | - | - |
| *a | This illustration is shown as an example. | - | - |