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| **Title:** FRONT SUSPENSION: FRONT SUSPENSION SYSTEM: COIL SPRING; 2013 MY RAV4 [12/2012 - ] | | |

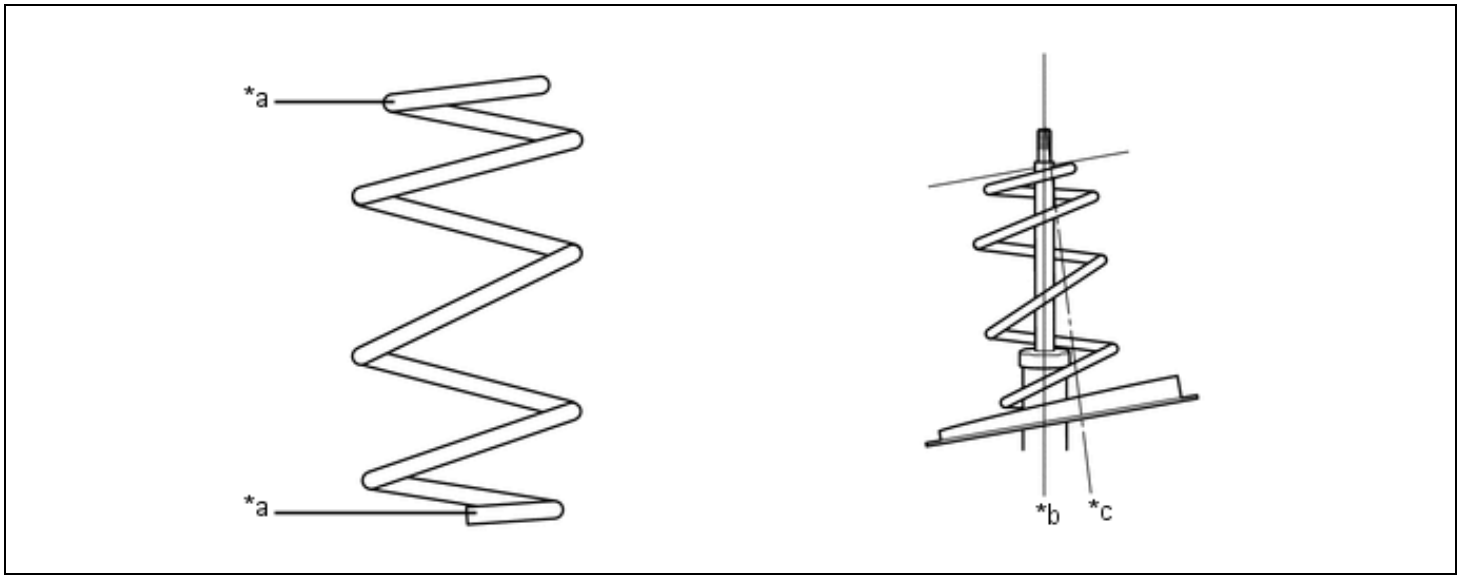
# COIL SPRING

## 1. CONSTRUCTION

(a) By optimizing the spring constant of the coil spring, an excellent operational stability is ensured.

(b) A pigtail type front coil spring with differing top and bottom diameters is used, creating a compact and lightweight construction.

(c) The center axis of the front coil spring is slanted toward the outside of the vehicle compared to the center axis of the front shock absorber assembly. As a result, friction and lateral force applied to the front shock absorber assembly are reduced.

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|---|---|---|---|
| *a | Pigtail Shape | *b | Shock Absorber Axis |
| *c | Coil Spring Axis | - | - |