

Last Modified: 7-13-2007		1.6 N
Service Category: Suspension	Section: Alignment/Handling Diagnoses	
Model Year: 2008	Model: ES350	Doc ID: RM0000011DQ00SX
Title: SUSPENSION: REAR WHEEL ALIGNMENT: ADJUSTMENT (2008 ES350)		

ADJUSTMENT

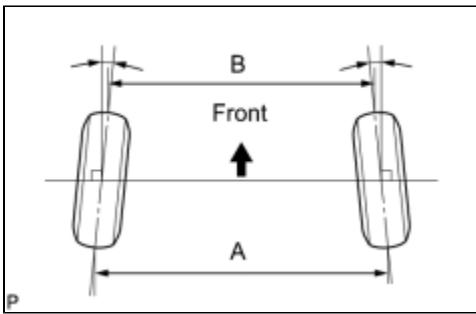
1. INSPECT TIRES

INFO

2. MEASURE VEHICLE HEIGHT

INFO

3. INSPECT TOE-IN



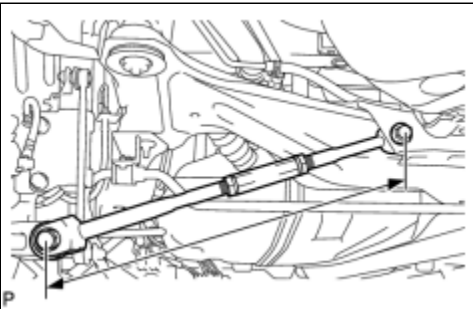
(a) Bounce the vehicle up and down at the corners to stabilize the suspension. Inspect the toe-in.

Toe-in:

TOE-IN (TOTAL)	-
A - B:	4 +- 2 mm (0.16 +- 0.08 in.)

If the toe-in is not within the specified range, inspect the suspension parts and replace them if necessary.

4. ADJUST TOE-IN

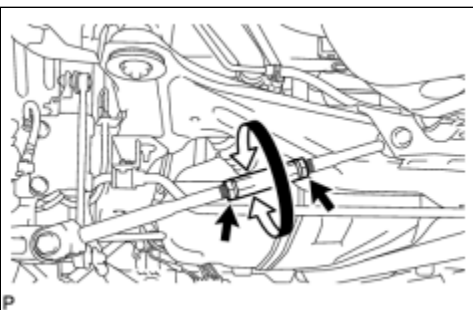


(a) Measure the lengths of the right and left rear No. 2 suspension arms.

Difference in the length between the right and left rear No. 2 suspension arms:

1.5 mm (0.06 in.) or less

If the left-right difference is larger than 1.5 mm (0.06 in.), adjust it by following the procedures below.



(b) Loosen the lock nuts.

(c) Turn the right and left adjusting tubes by an equal amount to adjust toe-in.

HINT:

- Try to adjust toe-in to the center of the specified range.
- One turn of each adjusting tube will adjust toe-in by approximately 10.8 mm (0.425 in.).

(d) Tighten the lock nuts.

Torque: 56 N·m (571 kgf·cm, 41 ft·lbf)

5. INSPECT CAMBER

Camber:

CAMBER	RIGHT-LEFT DIFFERENCE
-1°21' +-45' (-1.35° +-0.75°)	45' (0.75°) or less

HINT:

Camber is not adjustable. If the measurement is not within the specification range, inspect the suspension parts for damage and/or wear, and replace them if necessary.

