

REAR WHEEL ALIGNMENT

ADJUSTMENT

1. INSPECT TIRE (See page TW-1)

2. MEASURE VEHICLE HEIGHT

NOTICE:

Before inspecting wheel alignment, adjust vehicle height to the specified value.

3. INSPECT TOE-IN

(a) Inspect toe-in.

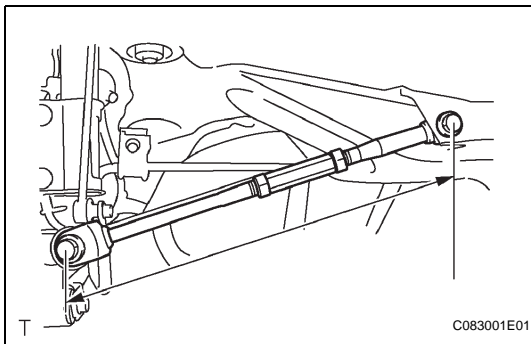
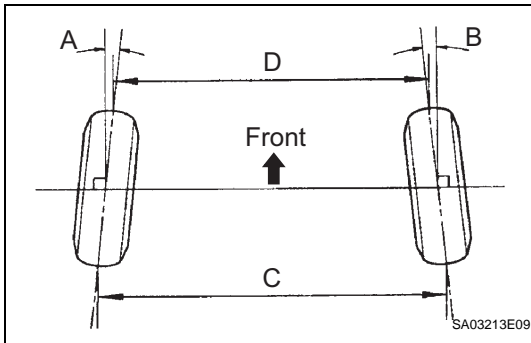
Air suspension

Toe-in (total)	-
A + B:	0°18' +- 12' (0.3° +- 0.2°)
C - D:	3 +- 2 mm (0.12 +- 0.08 in.)

Coil suspension

Toe-in (total)	-
A + B:	0°14' +- 9' (0.24° +- 0.16°)
C - D:	3 +- 2 mm (0.12 +- 0.08 in.)

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

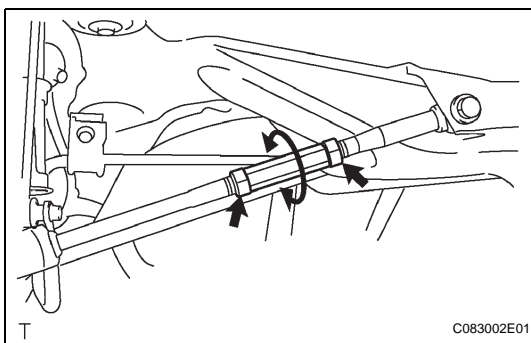


4. ADJUST TOE-IN (for 2WD)

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

**No. 2 lower suspension arm length difference:
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 tube by an equal amount to adjust toe-in.

HINT:

- Try to adjust toe-in to the center value.
- One turn of each adjusting tube will adjust toe-in by about 11.1° (1° 11, 11.1 mm, 0.437 in.).

(d) Torque the lock nut.

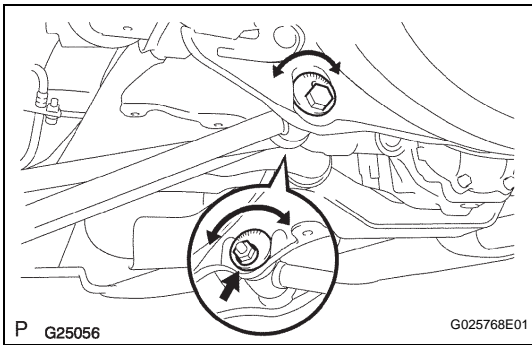
Torque: 56 N*m (570 kgf*cm, 41 ft.*lbf)

5. ADJUST TOE-IN (for 4WD)

(a) Measure the distance between each wheel disc and corner of the toe-adjusting cam, and then confirm that left and right distances are the same.

**No. 2 lower suspension arm length difference:
1.0 mm (0.04 in.) or less**

If the left-right difference is larger than 1.0 mm (0.04 in.), adjust it by following the procedures on the next page.



(b) Turn the adjust cams by an equal amount to adjust toe-in.

HINT:

- Try to adjust toe-in to the center value.
- The toe-in will change by the following specifications corresponding to each graduation of the cam.

Approx. 3.3 mm (0.13 in.)

(c) Tighten the nut.

Torque: 100 N*m (1,020 kgf*cm, 74 ft.*lbf)

6. INSPECT CAMBER

Air suspension

	2WD	4WD
Camber	-1°21' +- 45' (-1.35° +- 0.75°)	-0°55' +- 45' (-0.92° +- 0.75°)
Right-left error	45' (0.75°) or less	45' (0.75°) or less

Coil suspension

	2WD	4WD
Camber	-1°20' +- 45' (-1.33° +- 0.75°)	-0°50' +- 45' (-0.83° +- 0.75°)
Right-left error	45' (0.75°) or less	45' (0.75°) or less

HINT:

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