

REAR WHEEL ALIGNMENT INSPECTION

SA0R4-08

1. MEASURE VEHICLE HEIGHT (See page [SA-5](#))
2. INSTALL CAMBER-CASTER-KINGPIN GAUGE OR POSITION VEHICLE ON WHEEL ALIGNMENT TESTER

Follow the specific instructions of the equipment manufacturer.

3. INSPECT CAMBER

Camber (SEDAN):

(Canada):

| | |
|------------------|---|
| Camber | $-0^{\circ}23' \pm 30'$ ($-0.38^{\circ} \pm 0.5^{\circ}$) |
| Right-left error | 30' (0.5°) or less |

(Except Canada):

| | |
|------------------|---|
| Camber | $-0^{\circ}55' \pm 30'$ ($-0.92^{\circ} \pm 0.5^{\circ}$) |
| Right-left error | 30' (0.5°) or less |

Camber (WAGON):

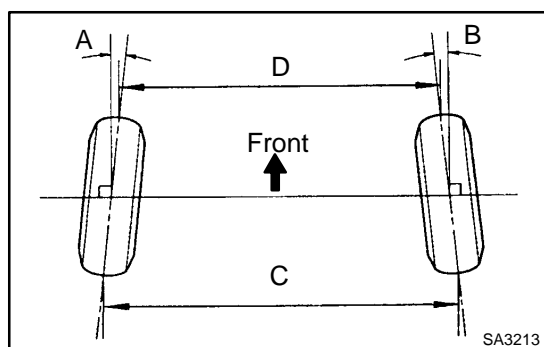
(Canada):

| | |
|------------------|---|
| Camber | $-0^{\circ}04' \pm 30'$ ($-0.07^{\circ} \pm 0.5^{\circ}$) |
| Right-left error | 30' (0.5°) or less |

(Except Canada):

| | |
|------------------|---|
| Camber | $-0^{\circ}23' \pm 30'$ ($-0.38^{\circ} \pm 0.5^{\circ}$) |
| Right-left error | 30' (0.5°) or less |

If the camber is not within the specified value, after the toe-in is inspected, see step 5. to adjust.

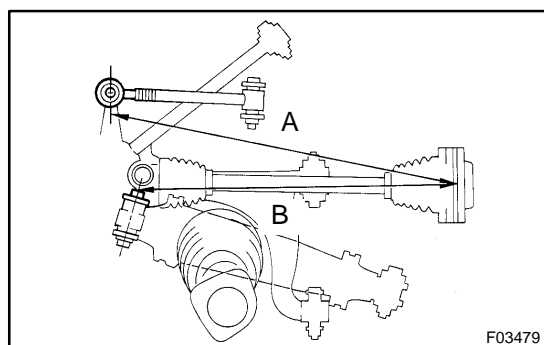


4. INSPECT TOE-IN

Toe-in:

| | |
|----------------|---|
| Toe-in (total) | A + B: $0^{\circ}12' \pm 12'$ ($0.2^{\circ} \pm 0.2^{\circ}$) |
| | C - D: 2 ± 2 mm (0.08 ± 0.08 in.) |

If the toe-in is not within the specified value, after the camber is inspected, see step 5. to adjust.



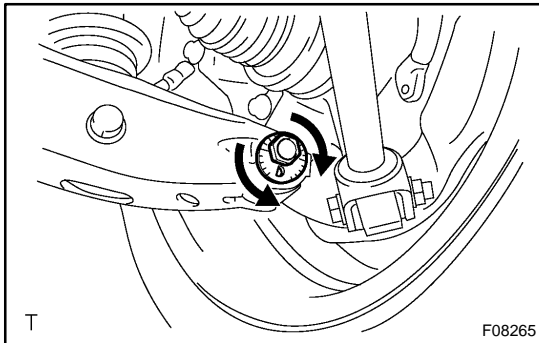
5. ADJUST CAMBER AND TOE-IN

- (a) Measure the lengths of the toe control link "A" and No. 2 lower suspension arm "B", as shown in the illustration.
- (b) Obtain the difference between "A" and "B".
- (c) Employ the same manner described above to the other side.
- (d) Obtain the difference between right and left from the values obtained above.

Right and left difference: 4.0 mm (0.157 in.) or less

If they are not within the specified value, adjust the lengths of them by turning the adjusting cam.

(e) Inspect the camber and toe-in.



(f) Adjust the camber.

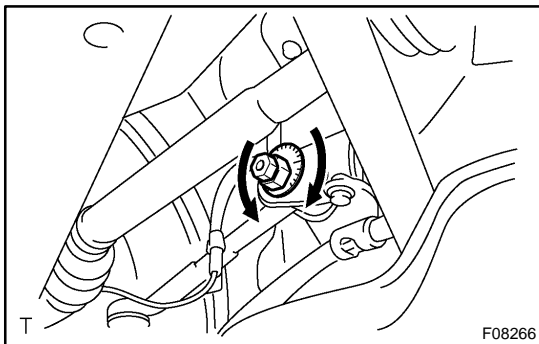
- (1) Loosen the camber adjusting cam nut of the No. 2 lower suspension arm.
- (2) Turn the camber adjusting cam of the No. 2 lower suspension arm and adjust the camber.

HINT:

Camber will change about 5.0' (0.08°) with each graduation of the adjusting cam.

- (3) Torque the camber adjusting cam nut.

Torque: 110 N·m (1,120 kgf-cm, 81 ft-lbf)



(g) Adjust the toe-in.

- (1) Loosen the camber adjusting cam nut of the toe control link.
- (2) Turn the camber adjusting cam of the toe control link and adjust the toe-in.

HINT:

Toe-in will change about 4.0 mm (0.157 in.) with each graduation of the adjusting cam.

- (3) Torque the camber adjusting cam nut.

Torque: 49 N·m (500 kgf-cm, 36 ft-lbf)