

# REAR WHEEL ALIGNMENT INSPECTION

SA0R4-07

1. MEASURE VEHICLE HEIGHT (See page SA-4)
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)

(Great Britain sports package):

Camber	$-0^{\circ}55' \pm 30'$ [ $-0.92^{\circ} \pm 0.5^{\circ}$ ]
Right-left error	$30'$ [ $0.5^{\circ}$ ] or less

(Except Great Britain sports package):

Camber	$-0^{\circ}23' \pm 30'$ [ $-0.38^{\circ} \pm 0.5^{\circ}$ ]
Right-left error	$30'$ [ $0.5^{\circ}$ ] or less

### Camber (WAGON)

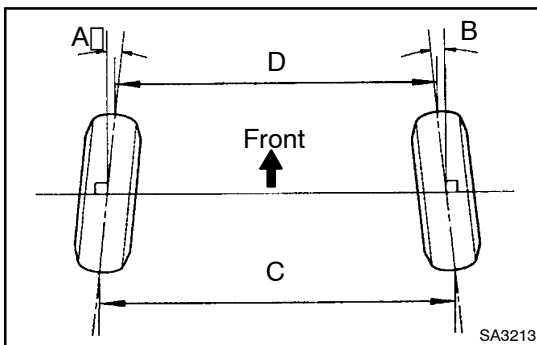
(Great Britain sports package):

Camber	$-0^{\circ}55' \pm 30'$ [ $-0.92^{\circ} \pm 0.5^{\circ}$ ]
Right-left error	$30'$ [ $0.5^{\circ}$ ] or less

(Except Great Britain sports package):

Camber	$-0^{\circ}23' \pm 30'$ [ $-0.38^{\circ} \pm 0.5^{\circ}$ ]
Right-left error	$30'$ [ $0.5^{\circ}$ ] or less

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



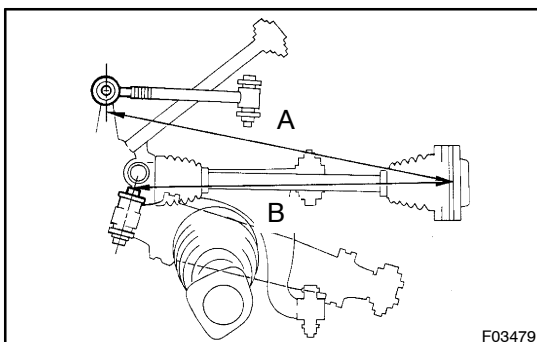
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## 4. INSPECT TOE-IN

Toe-in:

Toe-in (total)	A - B: $0^{\circ}12' \pm 12'$ [ $0.2^{\circ} \pm 0.2^{\circ}$ ] C - D: $2 \pm 2$ mm [ $0.08 \pm 0.08$ in.]
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If the toe-in is not within the specified value, after the camber is inspected, see step 5. to adjust.



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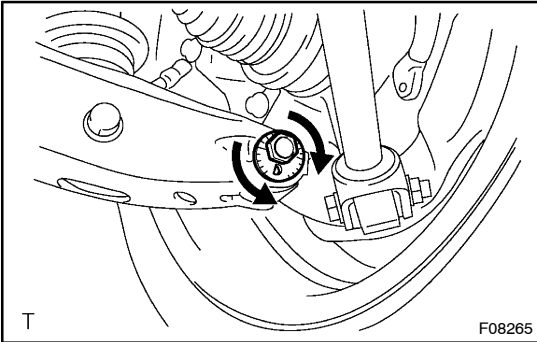
## 5. ADJUST CAMBER AND TOE-IN

- (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.

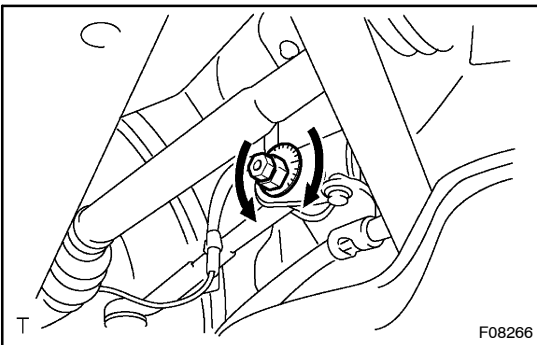
- (1) Loosen the camber adjusting cam nut of the No. 2 lower suspension arm.
- (2) Turn the camber adjusting cam of the No. 2 lower suspension arm and adjust the camber.

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)**