

REAR WHEEL ALIGNMENT INSPECTION

SA20G-01

1. MEASURE VEHICLE HEIGHT (See page SA-3)
2. INSTALL CAMBER-CASTER-KINGPIN GAUGE OR POSITION VEHICLE ON WHEEL ALIGNMENT TESTER

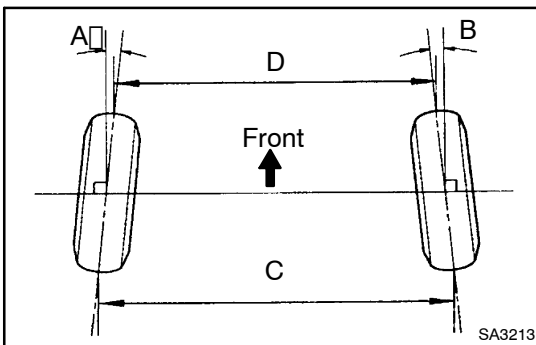
Follow the specific instructions of the equipment manufacturer.

3. INSPECT CAMBER

Camber (Great Britain sports package):

Camber	$-0^{\circ}55' \pm 30'$ ($-0.92^{\circ} \pm 0.5^{\circ}$)
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.

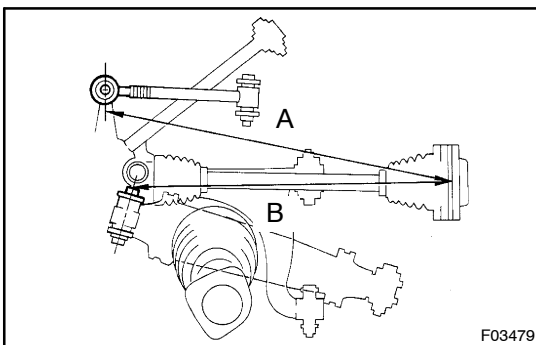


4. INSPECT TOE-IN

Toe-in (Great Britain sports package):

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.



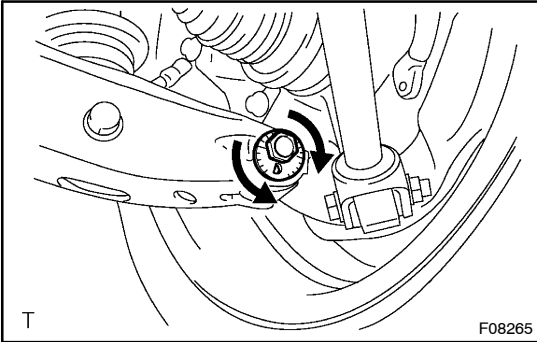
5. ADJUST CAMBER AND TOE-IN

- (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.



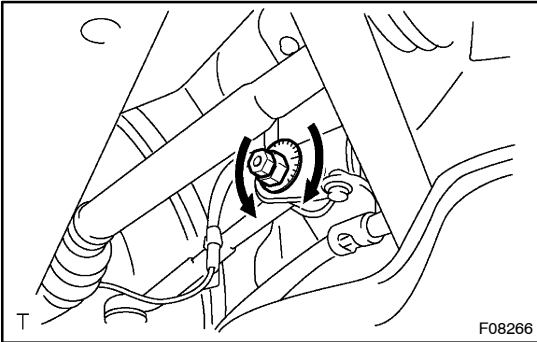
- (f) Adjust the camber.
- (1) Loosen the camber adjusting cam nut of the No. 2 lower suspension arm.
 - (2) Turn the camber adjusting cam of the No. 2 lower suspension arm and adjust the camber.

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)