

## Rear Wheel Alignment

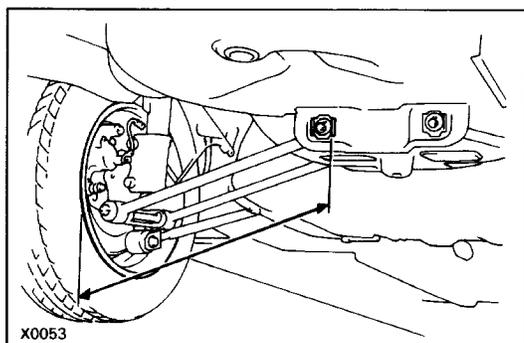
### 1. INSPECT TOE-IN

Toe-in (total):

$$A + B \quad 0.5^\circ \pm 0.2^\circ$$

$$(C - D) \quad 5 \pm 2 \text{ mm}, 0.20 \pm 0.08 \text{ in.}$$

If toe-in is not within specification, adjust by the cam.

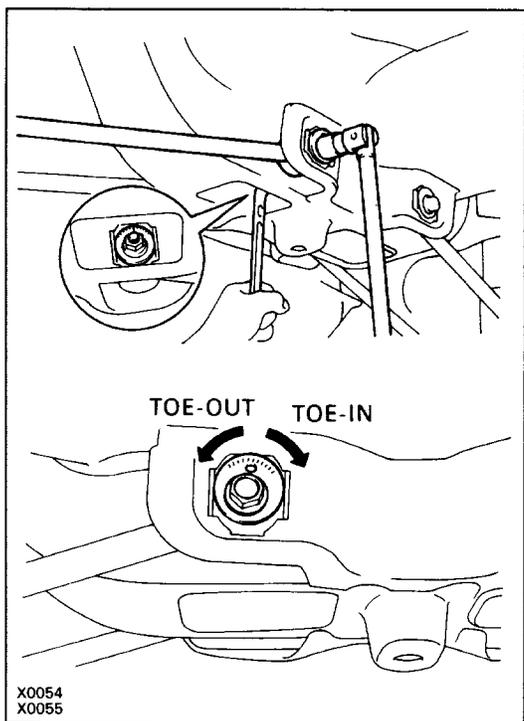


### 2. ADJUST TOE-IN (2WD)

- (a) Measure the distance between each wheel disc and corner of the cam bracket, then confirm that both are the same.

**Left-right error: Less than 3 mm (0.12 in.)**

If the left-right error is greater than 3 mm (0.12 in.), adjust following the procedures below.



- (b) Remove the cover and loosen the bolt.  
 (c) If the toe-in is out of the standard toward toe-out side, lengthen the shorter arm by the cam.  
 (d) If the toe-in is out of the standard toward toe-in side, lengthen the longer arm by the cam.  
 (e) Measure the toe-in.

Toe-in (total):

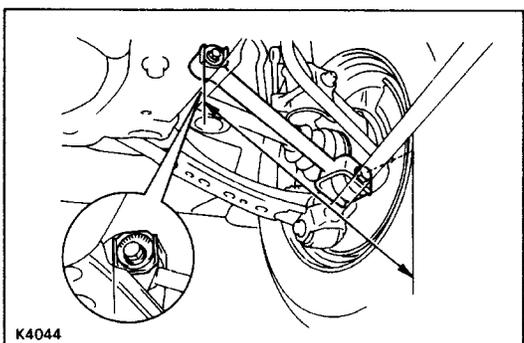
$$A + B \quad 0.5^\circ \pm 0.2^\circ$$

$$(C - D) \quad 5 \pm 2 \text{ mm}, 0.20 \pm 0.08 \text{ in.}$$

If the left-right error is within specifications but the overall toe-in is not, lengthen or shorten both arms an equal amount by turning the two cams in the opposite direction until the adjustment standard is obtained.

HINT: The toe-in will change about 1.5 mm (0.059 in.) with each graduation of the cam (one side).

- (f) Tighten the bolt.  
**Torque: 113 N-m (1,150 kgf.cm, 83 ft-lbf)**  
 (g) Install the cover.

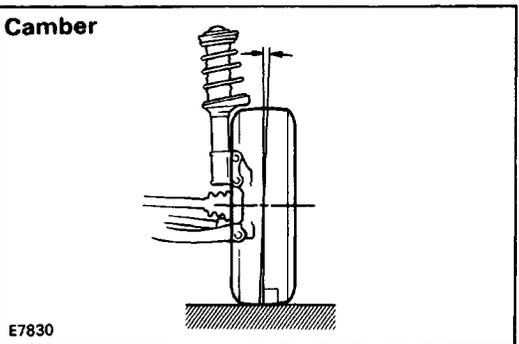
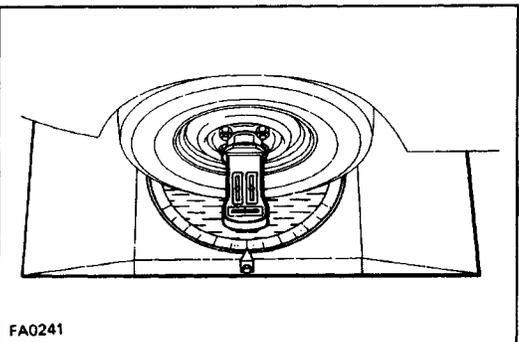
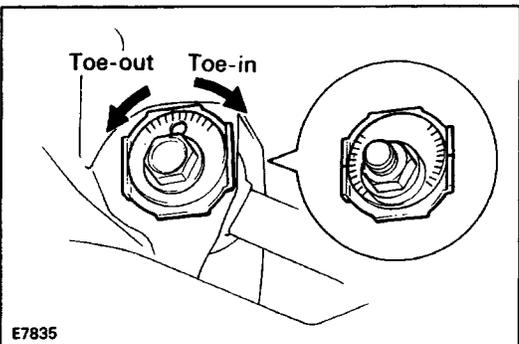
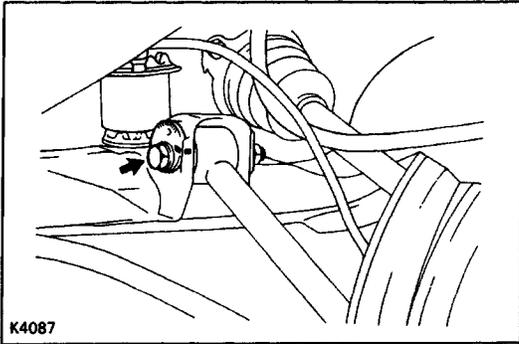


### (4WD)

- (a) Measure the distance between each wheel disc and corner of the cam bracket, then confirm that both are the same.

**Left-right error: Less than 3 mm (0.12 in.)**

If the left-right error is greater than 3 mm (0.12 in.), adjust following the procedures below.



- (b) Loosen the bolt.
- (c) If the toe-in is out of the standard toward toe-out side, lengthen the longer arm by the cam.
- (d) If the toe-in is out of the standard toward toe-in side, lengthen the shorter arm by the cam.
- (e) Measure the toe-in.

**Toe-in:  $5 \pm 2$  mm ( $0.20 \pm 0.08$  in.)**

If the left-right error is within specifications but the overall toe-in is not, lengthen or shorten both arms an equal amount by turning the two cams in the opposite direction, until the adjustment standard is obtained.

HINT: The toe-in Will change about 4.5 mm (0.177 in.) with each graduation of the cam (one side).

- (f) Tighten the bolt.

**Torque: 113 N-m (1,150 kgf-cm, 83 ft-lbf)**

### 3. INSTALL WHEEL ALIGNMENT EQUIPMENT

Follow the specific instructions of the equipment manufacturer.

### 4. CHECK CAMBER

**Camber:**

**Camber  $-1^{\circ}15' \pm 45'$**

**Cross camber 30' or less**

HINT: Camber is not adjustable, if measurement is not within specification, inspect and replace the suspension parts as necessary.