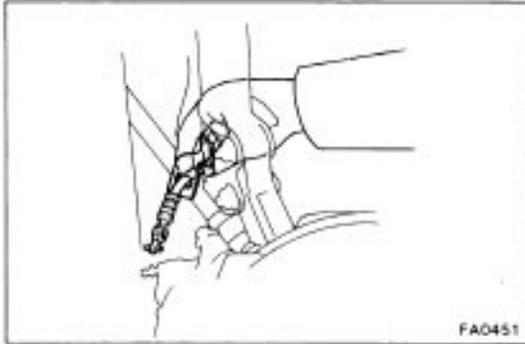


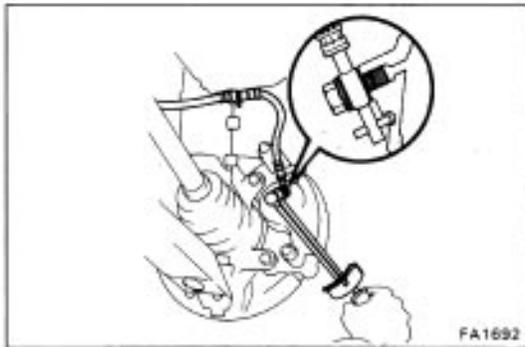
#### 4. INSTALL DUST COVER

Pack the suspension support bearing with MP grease. Install the dust cover.



#### 5. CONNECT FLEXIBLE HOSE

(a) Run the flexible hose through the brake hose bracket.



(b) Connect the flexible hose through the disc brake caliper with the union and new gaskets.

**Torque: 310 kg-cm (22 ft-lb, 30 N-m)**

HINT: When connecting the flexible hose to the caliper, connect it so that the peg aligns with the hole.

#### 6. INSTALL CLIP

#### 7. BLEED BRAKE SYSTEM

(See page [BR-7](#))

#### 8. INSPECT FRONT WHEEL ALIGNMENT

(See page [SA-3](#))

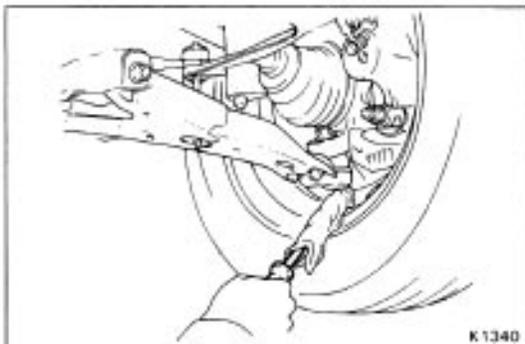
## Ball Joint

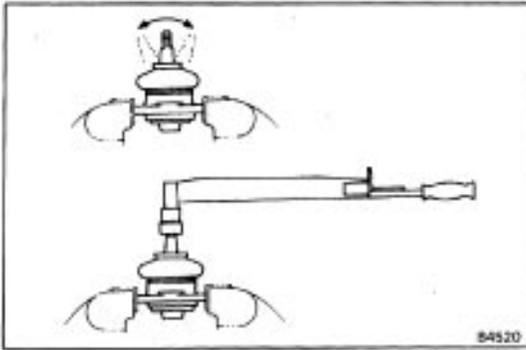
### INSPECTION OF BALL JOINT

#### 1. INSPECT BALL JOINT FOR EXCESSIVE LOOSENESS

- Jack up the front of the vehicle and place a wooden block with a height of 180–200 mm (7.09–7.87 in.) under one front tire.
- Lower the jack until there is about half a load on the front coil spring. Place stands under the vehicle for safety.
- Make sure the front wheels are in a straight forward position and block the wheel with chocks.
- Move the lower arm up and down, and check that the ball joint has no play.

**Ball joint vertical play: 0 mm (0 in.)**





## 2. INSPECT BALL JOINT FOR ROTATION CONDITION

- Remove the ball joint. (See page SA-6)
- Flip the ball joint stud back and forth 5 times as shown in the illustration, before installing the nut.
- Using a torque meter, turn the nut continuously one turn every 2-4 seconds and take the torque reading on the fifth turn.

**Torque (turning): 10 – 35 kg-cm  
(9 – 30 in.-lb, 1.0 – 3.4 N-m)**

If not within specification, replace the ball joint.

- Install the ball joint. (See page SA-9)

## Lower Arm

(See page SA-28)

## REMOVAL OF LOWER ARM [Except A/T (Left Side)]

### 1. DISCONNECT LOWER ARM FROM STEERING KNUCKLE

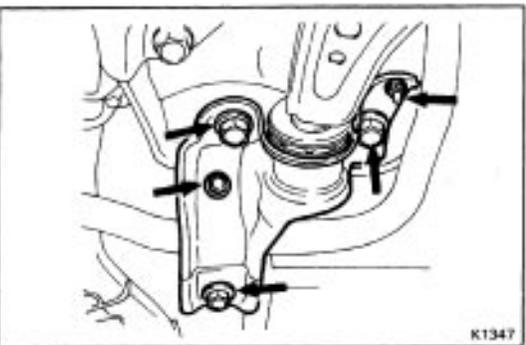
Remove the bolt and two nuts holding the ball joint to the lower arm.

### 2. DISCONNECT STABILIZER BAR FROM LOWER ARM (2WD 4A-FE Engine and 4WD)

Remove the stabilizer bar nut holding the stabilizer bar to the lower arm and disconnect the stabilizer bar.

(2WD 4A-GE Engine)

Remove the lower nut of the stabilizer bar link and disconnect the stabilizer bar link from the lower arm.



### 3. REMOVE LOWER ARM

- Loosen the lower arm front bolt.
- Remove the rear bracket bolts and nut.
- Remove the rear bracket and stabilizer bar bracket.
- Remove the lower arm front bolt.
- Remove the lower arm.

## [A/T (Left Side)]

### 1. DISCONNECT LEFT AND RIGHT LOWER ARMS FROM STEERING KNUCKLES

### 2. DISCONNECT STABILIZER BAR FROM LOWER ARMS

Remove the left and right stabilizer bar nuts holding the stabilizer bar to the lower arms and disconnect the stabilizer bar.

