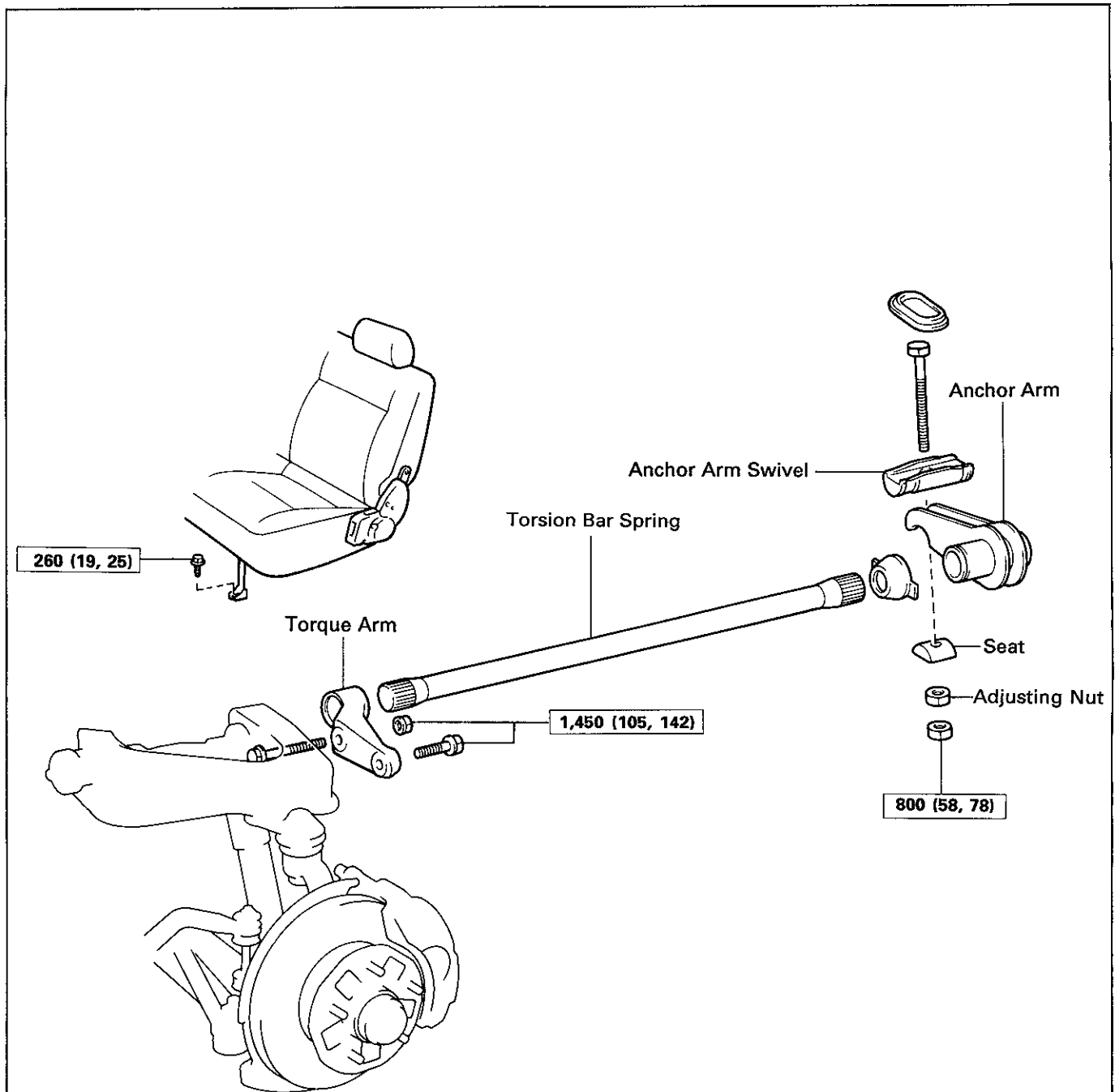
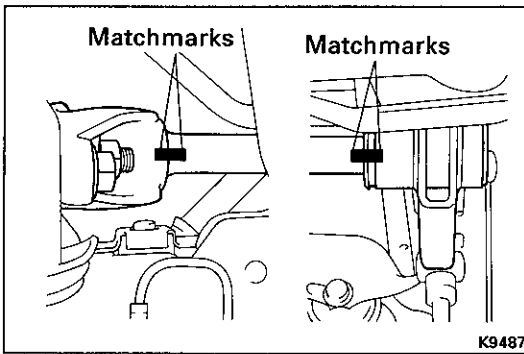


Torsion Bar Spring COMPONENTS



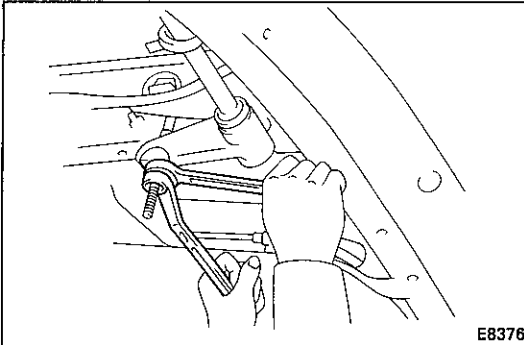


REMOVAL OF TORSION BAR SPRING

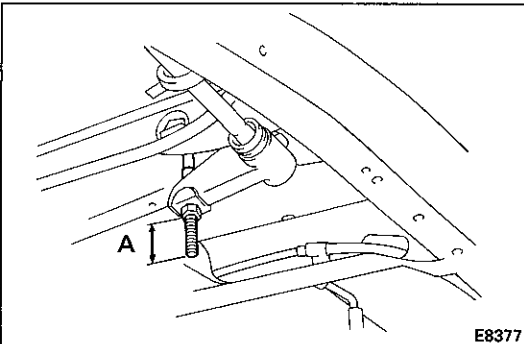
1. REMOVE FRONT WHEEL

2. PLACE MATCHMARKS

- (a) Remove the dust cover from the anchor arm.
- (b) Place matchmarks on the torsion bar spring, torque arm and anchor arm.



3. REMOVE ANCHOR ARM LOCK NUT

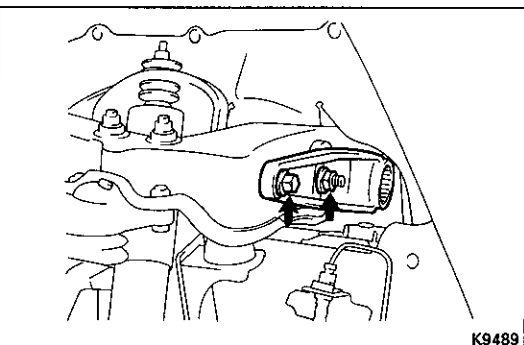


4. REMOVE TORSION BAR SPRING

- (a) Measure protruding bolt end "A" as shown in the illustration.

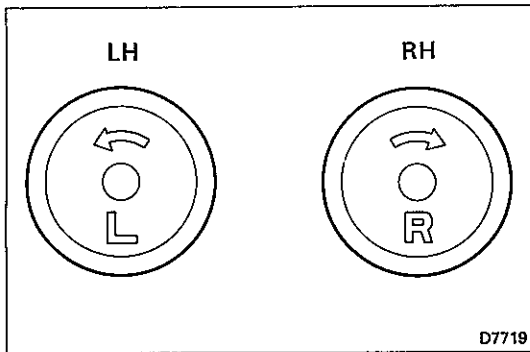
HINT: Use this measurement for reference when adjusting the vehicle height.

- (b) Loosen the adjusting nut and remove the anchor arm and torsion bar spring.



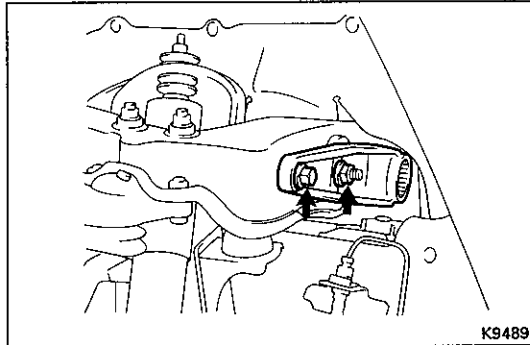
5. REMOVE TORQUE ARM

- (a) Remove the nut and bolt.
- (b) Remove the torque arm.



INSTALLATION OF TORSION BAR SPRING

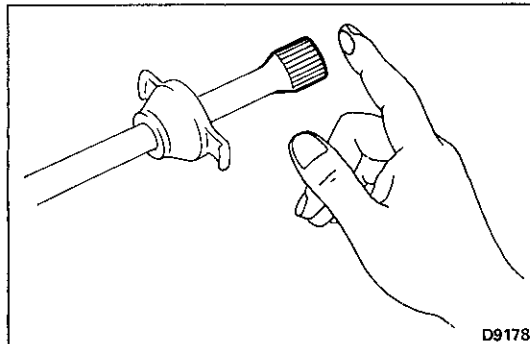
HINT: There are left and right indication marks on the rear end of the torsion bar spring. Be careful not to interchange them.



1. INSTALL TORQUE ARM

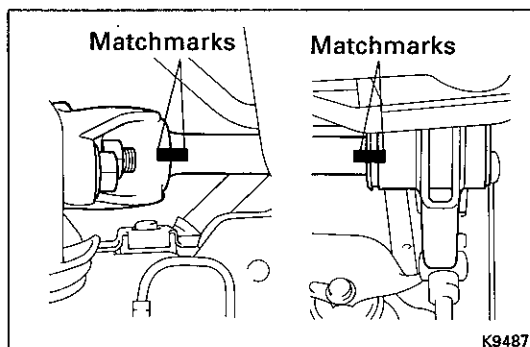
Install the torque arm with bolt and nut.

Torque: 1,450 kg-cm (105 ft-lb, 142 N-m)



2. APPLY GREASE TO SPLINE OF TORSION BAR SPRING

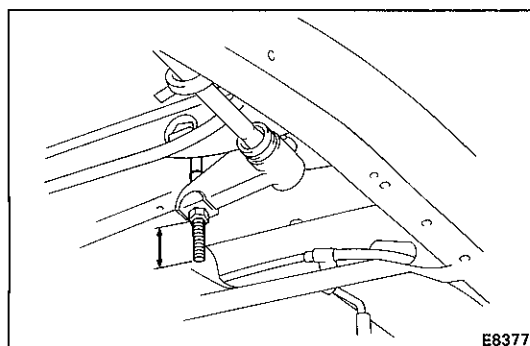
- Install the dust cover.
- Apply MP grease to the spline of the torsion bar spring.



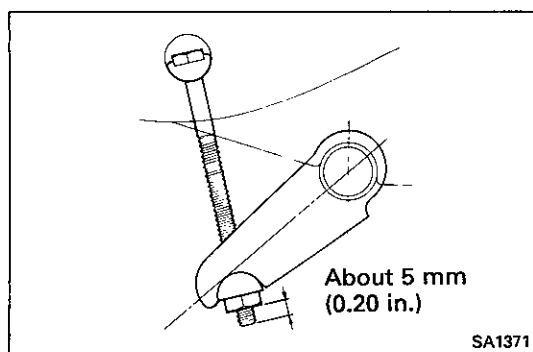
3. INSTALL TORSION BAR SPRING

If Reusing Torsion Bar Spring

- Align the matchmarks and install the torsion bar spring to the torque arm.
- Align the matchmarks and install the anchor arm to the torsion bar spring.



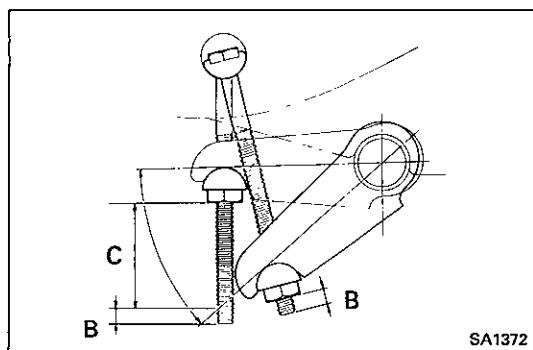
- Tighten the adjusting nut so that the bolt protrusion is equal to that before removal.



If using a New Torsion Bar Spring

- (a) Install the torsion bar spring to the torque arm.
- (b) Install the anchor arm, adjusting nut seat and adjusting nut.

HINT: Install the anchor arm to the torsion bar spring so that when the adjusting nut is tightened by hand, the bolt protrudes about 5 mm (0.20 in.).

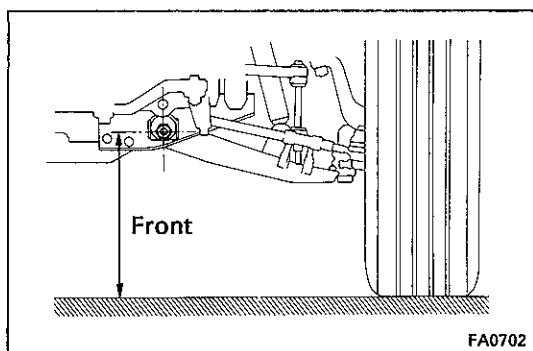


- (c) With the adjusting nut tightened by hand (B), further tighten the nut the specified amount (C).

For tightening of adjusting nut (C):

See page A-16

4. **INSTALL DUST COVER TO ANCHOR ARM**
5. **INSTALL FRONT WHEEL**

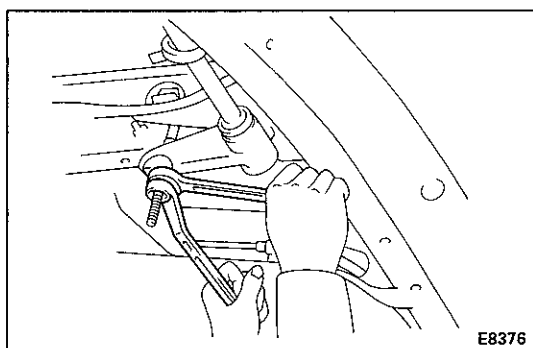


6. **INSPECT VEHICLE HEIGHT**

- (a) Bounce the vehicle up and down several times to stabilize the suspension.
- (b) Measure the vehicle height.

Vehicle height: See page A-13

If the measurement is not within the specification adjust the vehicle height with turning the adjusting nut.



7. **INSTALL LOCK NUT**

Torque: 800 kg-cm (58 ft-lb, 78 N-m)