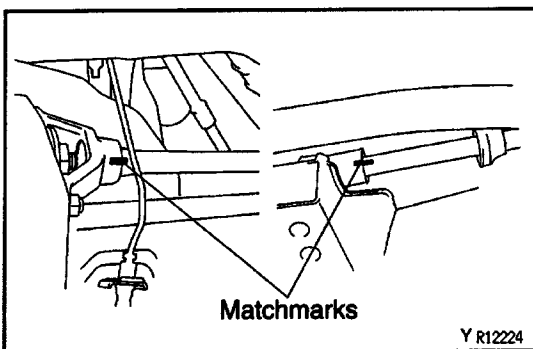
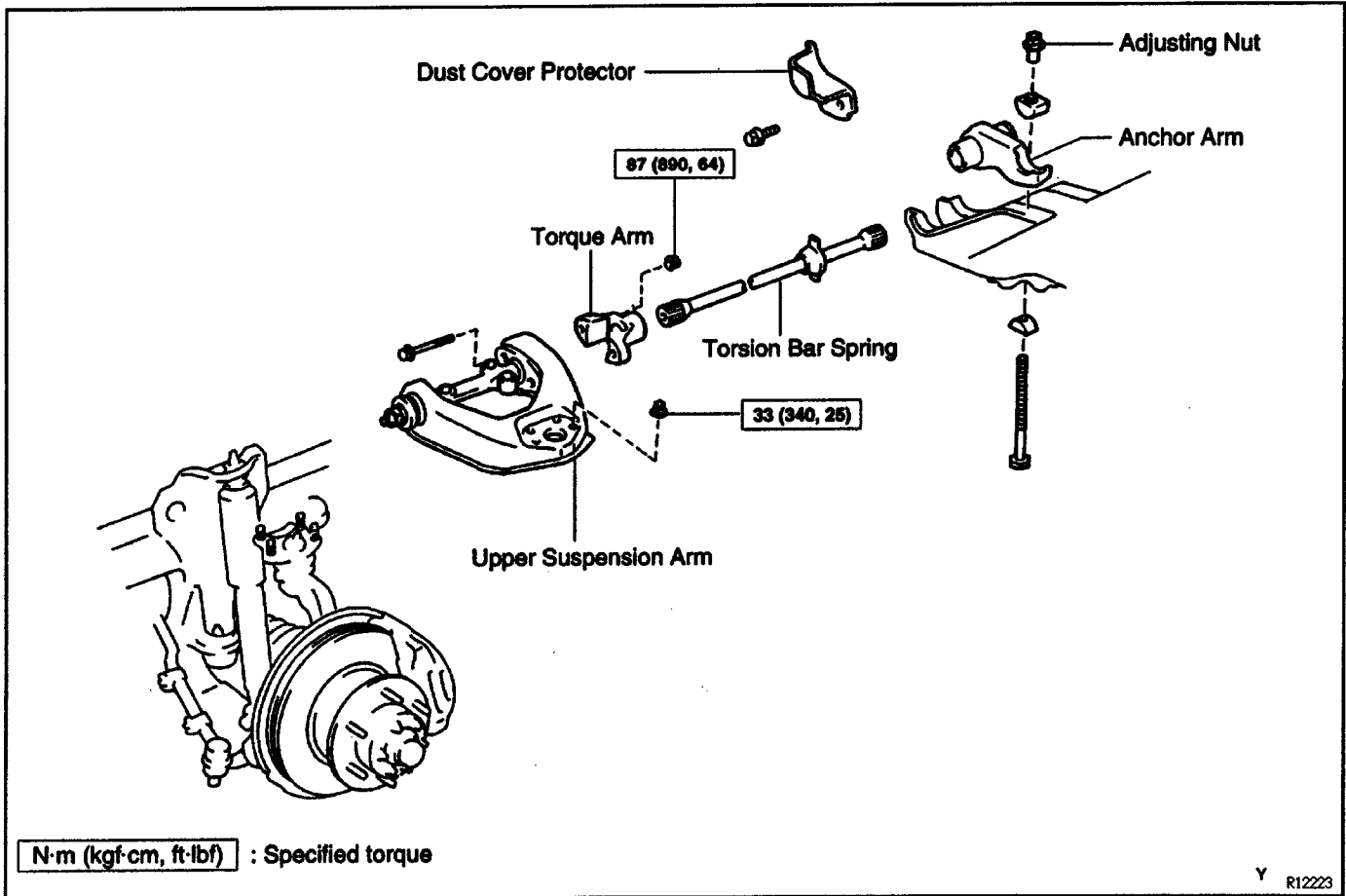


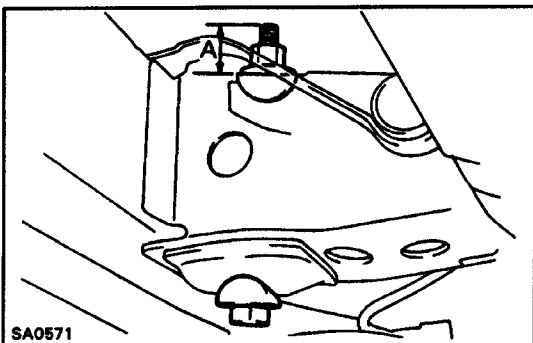
TORSION BAR SPRING COMPONENTS



TORSION BAR SPRING REMOVAL

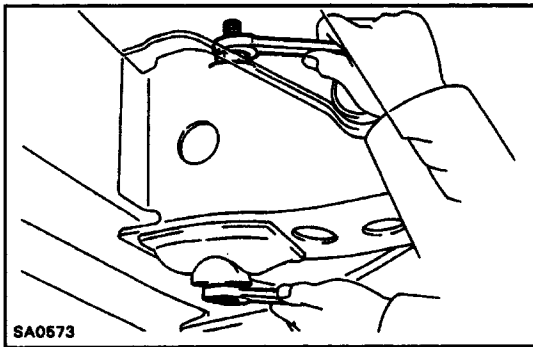
1. JACK UP VEHICLE AND REMOVE FRONT WHEEL
2. REMOVE DUST COVER PROTECTOR
3. PLACE MATCHMARKS ON TORSION BAR SPRING, ANCHOR ARM AND TORQUE ARM

Remove the boots and place matchmarks on the torsion bar spring, anchor arm and torque arm.

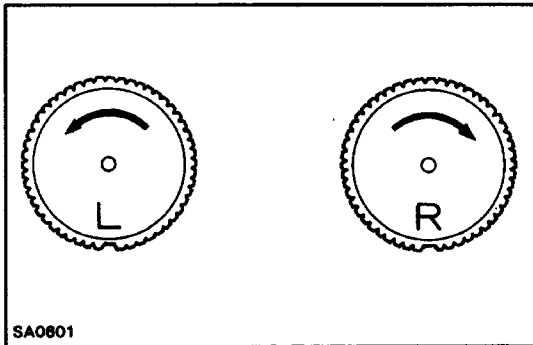


4. MEASURE PROTRUDING BOLT END "A", AS SHOWN

HINT: Use this measurement for reference when adjusting the chassis ground clearance.

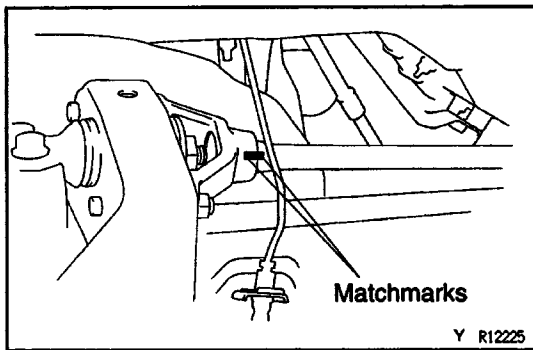


6. LOOSEN ADJUSTING NUT AND REMOVE ANCHOR ARM AND TORSION BAR SPRING



TORSION BAR SPRING INSTALLATION

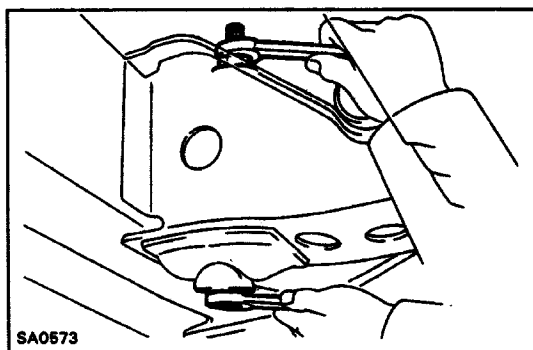
HINT: There are left and right indication marks on the rear end of the torsion bar springs. Be careful not to interchange them.



1. INSTALL TORSION BAR SPRING AND ANCHOR ARM

If Reusing Torsion Bar Spring:

- (a) Apply a light coat of molybdenum disulphide lithium base grease to the spline of the torsion bar spring.
- (b) Align the matchmarks and install the torsion bar spring to the torque arm.
- (c) Align the matchmarks and install the anchor arm to the torsion bar spring.
- (d) Tighten the adjusting nut to the bolt protrusion length is of before removal.



If Using a New Torsion Bar Spring:

- (a) Remove the wheel.
- (b) Install the 2 boots to the torsion bar spring.
- (c) Apply a light coat of molybdenum disulphide lithium base grease to the spline of the torsion bar spring.
- (d) Temporarily install the anchor arm to the small end of the torsion bar spring and place the matchmarks on the torsion bar spring and anchor arm.

HINT:

There is 1 spline on the torsion bar spring that is larger than the others. Install the torsion bar spring into the anchor arm by slowly turning the anchor arm until you feel the large spline enter the matching point in the anchor arm.

Place matchmarks on the torsion bar spring and anchor arm on the bottom of each.

- (e) Remove the anchor arm from the torsion bar spring.
- (f) Install the torsion bar spring into the torsion arm.

HINT: There is 1 spline on the torsion bar spring that is larger than the others. Install the torsion bar spring into the torque arm by slowly turning the torsion bar spring until you feel the large spline enter the matching point in the torque arm.

- (g) Align the matchmarks and install the anchor arm to the torsion bar spring.
- (h) Torque the adjusting nut.

Nut tightening limit:

A = 70 mm (2.76 in.)

- (i) Temporarily install the lock nut.
- (j) Install the wheel and remove the stands, bounce the vehicle to settle the suspension.
- (k) Adjust the chassis ground clearance by turning the adjusting nuts.

Chassis ground clearance:

(See page [SA-179](#))

2. INSTALL BOOTS**3. INSTALL DUST COVER PROTECTOR**