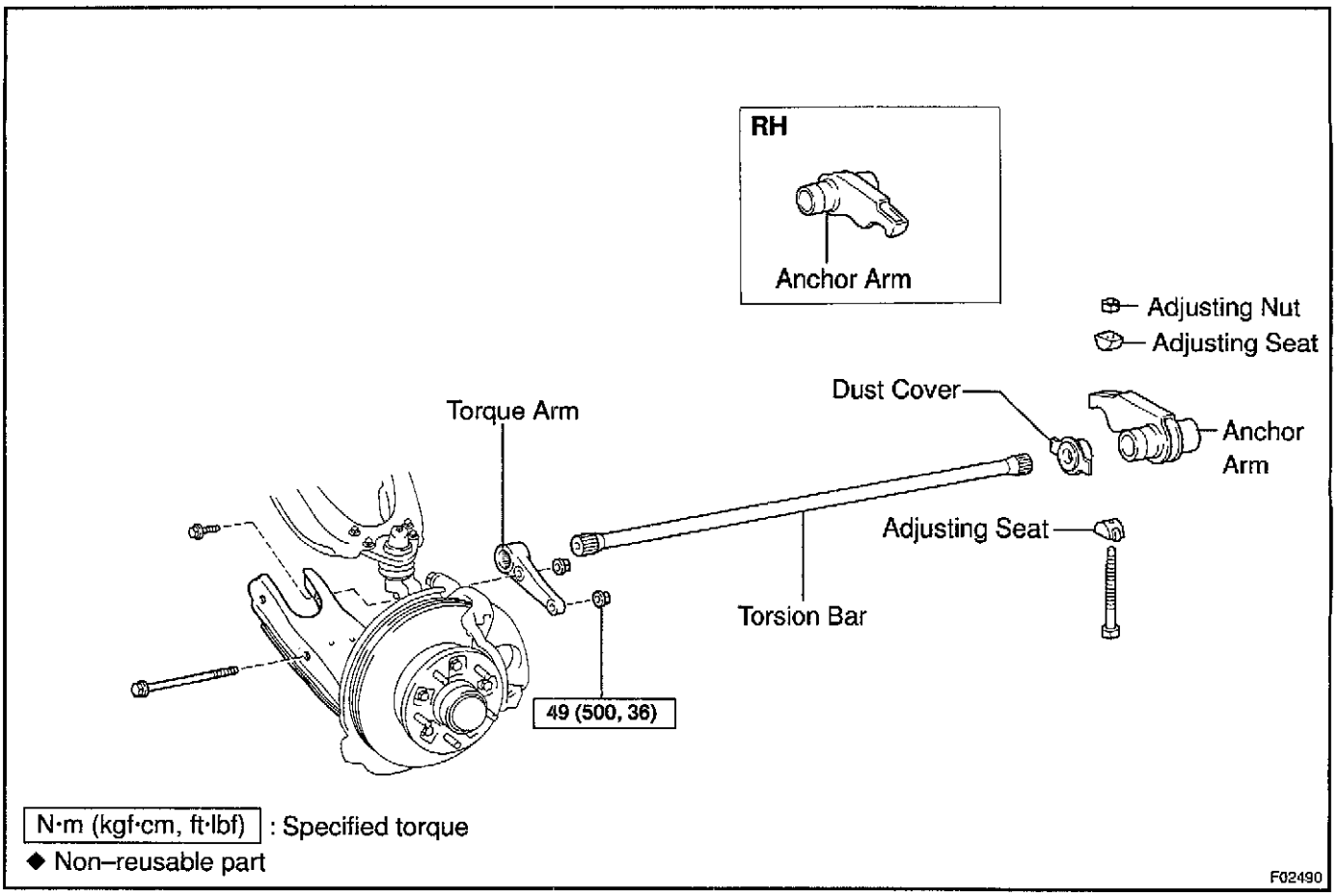
FRONT TORSION BAR SPRING (2WD)

COMPONENTS

SADMR–01



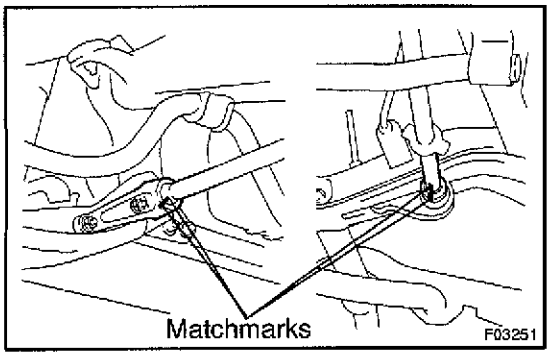
N·m (kgf·cm, ft·lbf) : Specified torque
◆ Non–reusable part

F02490

SADMS–01

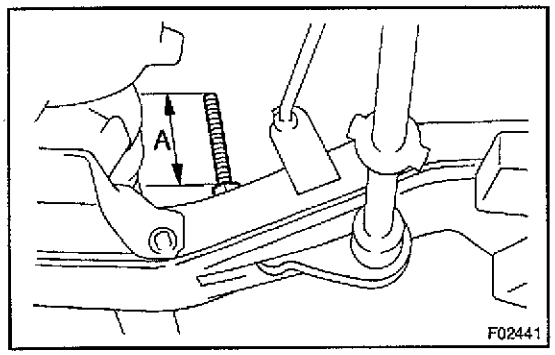
REMOVAL

1. **REMOVE FRONT WHEEL**
   Torque:
   Australia Gasoline Engine:
   150 N·m (1,500 kgf·cm, 108 ft·lbf)
   Others:
   140 N·m (1,400 kgf·cm, 101 ft·lbf)
2. **REMOVE FRONT FENDER APRON SEAL**



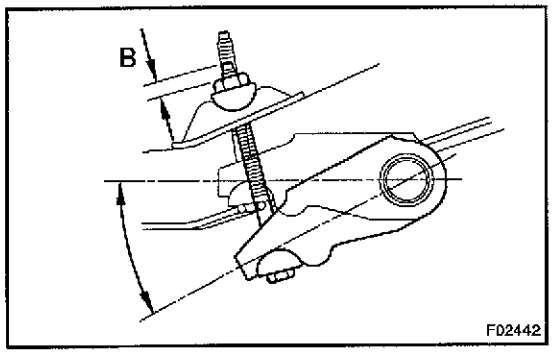
3. **PLACE MATCHMARKS ON TORQUE ARM, ANCHOR ARM AND TORSION BAR SPRING**

(a) Slide the torsion bar dust cover toward the torque arm.
(b) Place matchmarks on the torque arm, anchor arm and torsion bar spring.



4. **MEASURE PROTRUDING BOLT END "A"**

HINT:
At the time of installation, refer to the following items.
- Tighten the adjusting nut to the bolt protruding length is of before removal.
- After stabilizing the suspension, adjust the vehicle height by turning the adjusting nut (See page SA–8).
- Ensure that the exposed part of the adjusting bolt should be within 25 mm (0.98 in.) to 55 mm (2.17 in.).

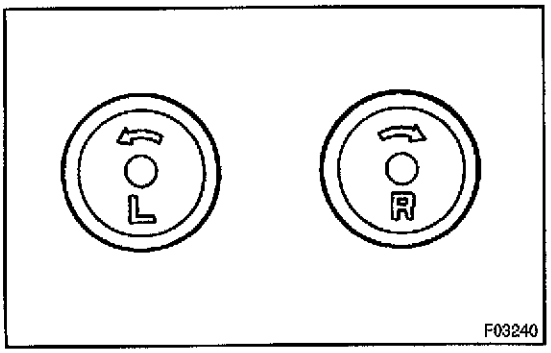


5. **LOOSEN ADJUSTING NUT AND MEASURE PROTRUDING BOLT END "B"**

(a) Loosen the adjusting nut until the spring tension is free, and measure the protruding "B".

HINT:
At the time of installation, use the measurement for a reference, when installing the anchor arm.

(b) Remove the adjusting nut, 2 adjusting seats and bolt.
(c) Remove the anchor arm and torsion bar spring.



HINT:
At the time of installation, refer to the following items.
- There are distinguishable marks on the rear end of the torsion bar springs, as shown in the illustration. Be careful not to interchange them.
- Apply a light coat of MP grease to the spline of the torsion bar spring.

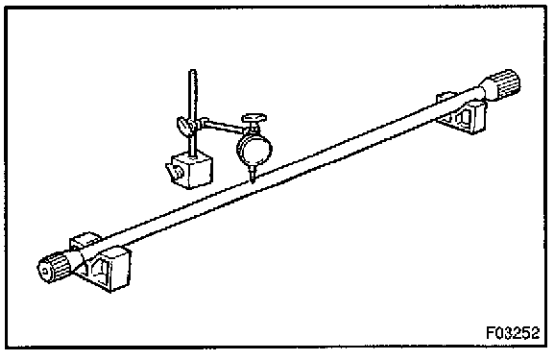
(d) Remove the 2 nuts, bolts and torque arm from the lower suspension arm.
Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)

(e) Remove the dust cover from the torsion bar spring.

NOTICE:

Be careful not to damage the dust cover.

SADMT–01



INSPECTION

INSPECT TORSION BAR SPRING RUNOUT

Using a dial indicator, check the runout of the torsion bar spring.

Maximum runout: 2.0 mm (0.079 In.)

SA0MU-01

INSTALLATION

Installation is in the reverse order of removal (See page SA–112).