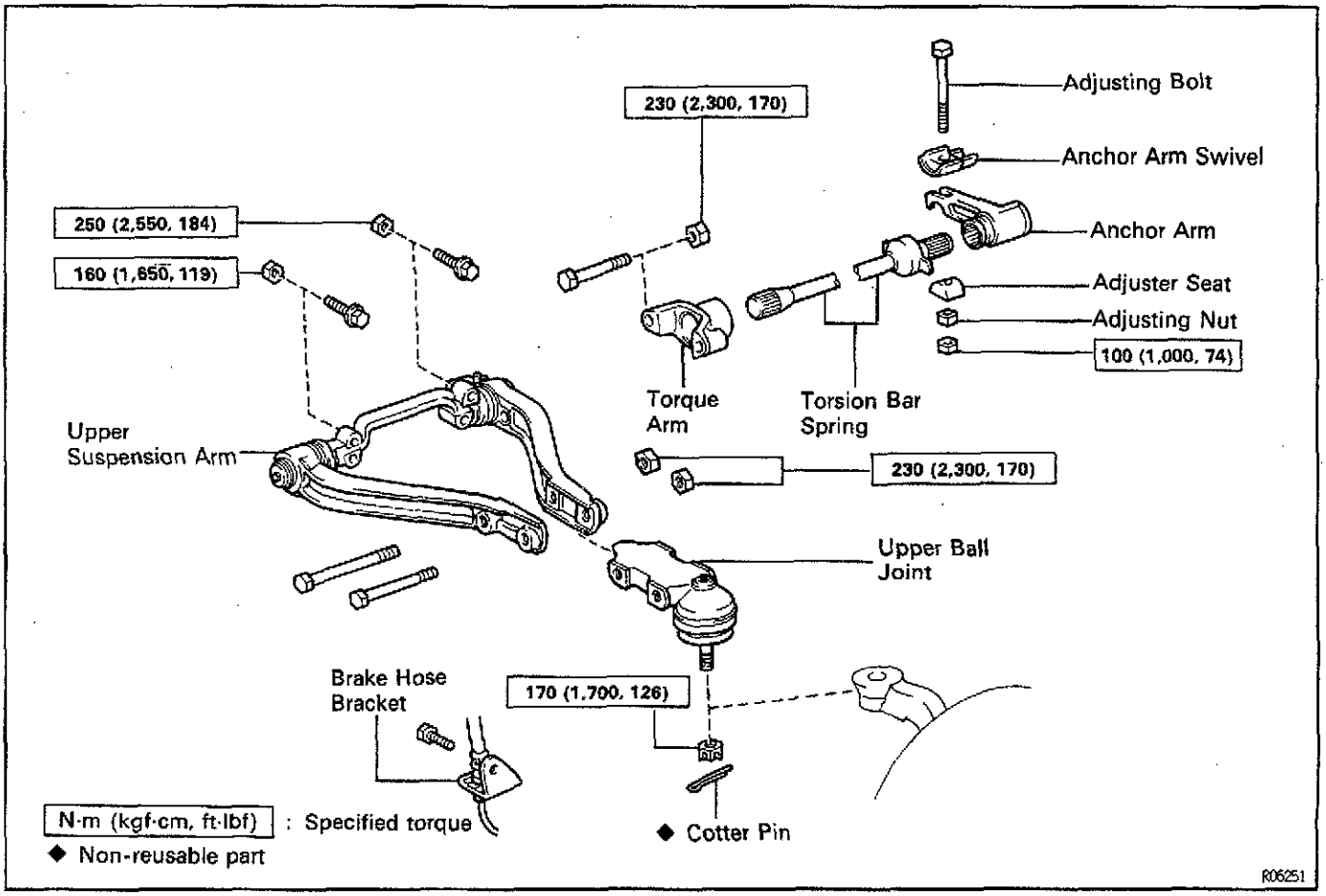
UPPER SUSPENSION ARM
COMPONENTS

SA0X8-01

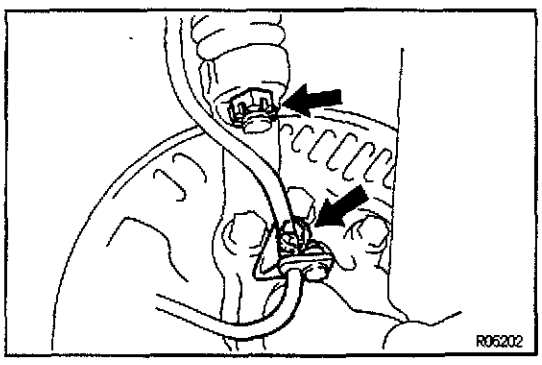


SA

SA0X9-01

UPPER SUSPENSION ARM REMOVAL

1. **JACK UP AND SUPPORT FRAME ON STANDS**
2. **REMOVE FRONT WHEEL**
3. **REMOVE TORSION BAR SPRING**
   (See page SA–24)



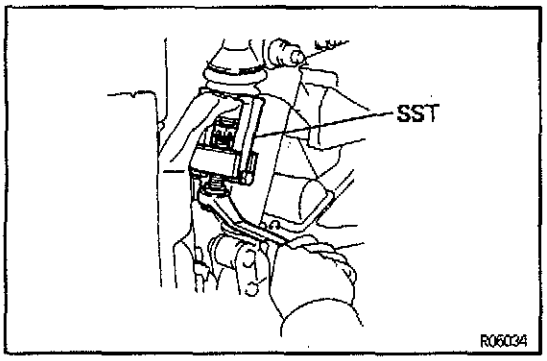
4. **DISCONNECT STEERING KNUCKLE**

(a) Remove the bolt and disconnect the brake tube bracket from the steering knuckle.

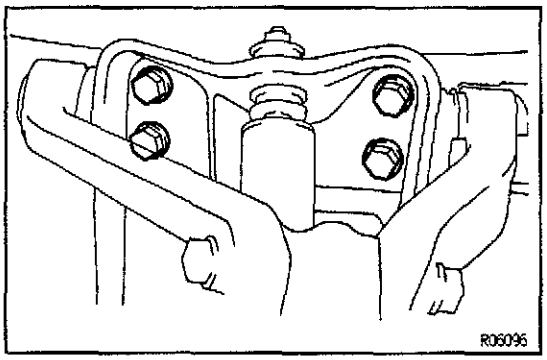
(b) Remove the cotter pin.

(c) Loosen the upper ball joint nut.

NOTICE: Only loosen the nut, do not remove it.



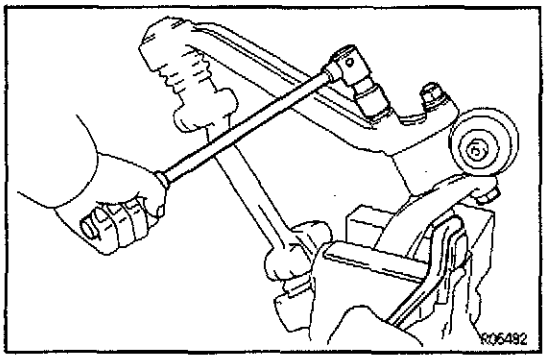
(d) Using SST, disconnect the steering knuckle from the upper ball joint.
SST 09628–62011
(e) Remove the upper ball joint nut.



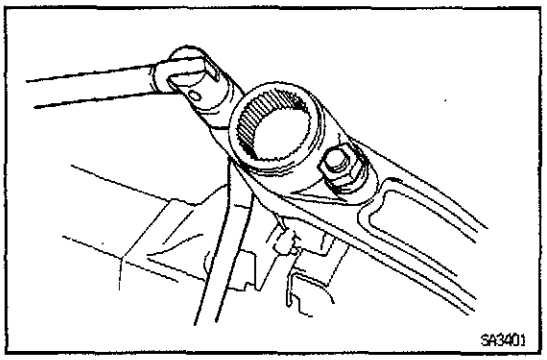
5. REMOVE UPPER SUSPENSION ARM
Remove the 4 nuts, washers, bolts and upper suspension arm.

SA

UPPER SUSPENSION ARM DISASSEMBLY SA0X7-01

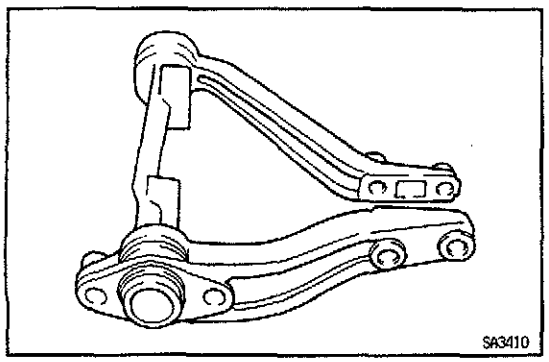


1. REMOVE UPPER BALL JOINT
Remove the 2 nuts, washers, bolts and upper ball joint.

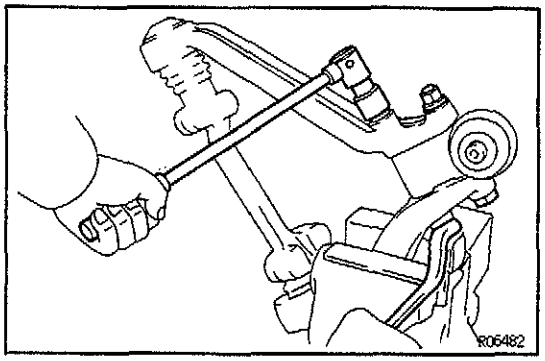


2. REMOVE TORQUE ARM
Remove the 2 nuts, washers, bolts and torque arm.

UPPER SUSPENSION ARM INSPECTION SA0X8-01

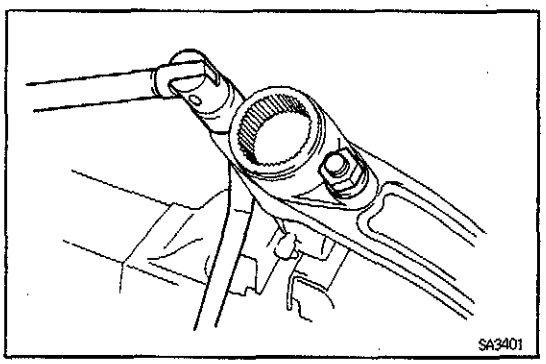


INSPECT UPPER SUSPENSION ARM BUSHING
Inspect the upper suspension arm bushing for wear or damage.
If the bushing is worn or damaged, replace the upper suspension arm.



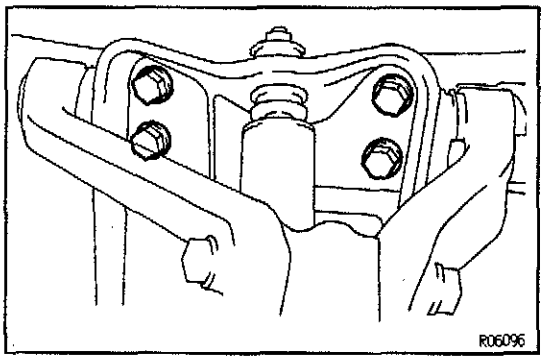
UPPER SUSPENSION ARM ASSEMBLY

1. **INSTALL TORQUE ARM**
   Install the torque arm with the 2 bolts, washers and nuts.
   Torque: 230 N·m (2,300 kgf·cm, 170 ft·lbf)



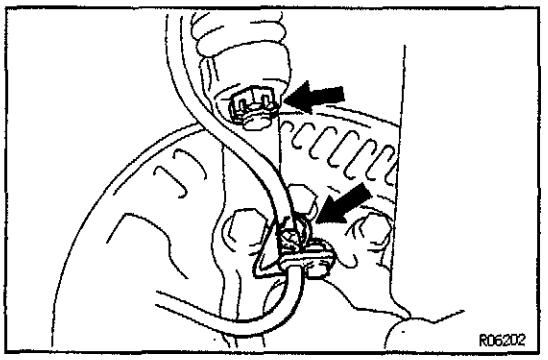
2. **INSTALL UPPER BALL JOINT**
   Install the upper ball joint with the 2 bolts, washers and nuts.
   Torque: 230 N·m (2,300 kgf·cm, 170 ft·lbf)

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UPPER SUSPENSION ARM INSTALLATION

1. **INSTALL UPPER SUSPENSION ARM TO FRAME**
   Install the upper suspension arm to the frame with the 4 bolts, washers and nuts.
   (Front side)
   Torque 160 N·m (1,650 kgf·cm, 119 ft·lbf)
   (Rear side)
   Torque 250 N·m (2,550 kgf·cm, 184 ft·lbf)



2. **CONNECT STEERING KNUCKLE**
   (a) Connect the steering knuckle to the upper suspension arm.
   Torque 170 N·m (1,700 kgf·cm, 126 ft·lbf)
   (b) Install a new cotter pin.
   (c) Connect the brake hose bracket to the steering knuckle.

3. **INSTALL TORSION BAR SPRING**
   (See page SA–25)
4. **INSTALL FRONT WHEEL AND LOWER VEHICLE**
   Torque 515 N·m (5,250 kgf·cm, 380 ft·lbf)