

REMOVAL

1. **REMOVE FRONT WHEEL**
Torque: 110 N·m (1,150 kgf·cm, 83 ft·lbf)
2. **w/ ABS:**
REMOVE ABS SPEED SENSOR AND WIRE HARNESS CLAMP
 - (a) Remove the bolt and ABS speed sensor from the steering knuckle.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)
 - (b) Remove the 3 bolts and ABS speed sensor wire harness clamps from the upper suspension arm and steering knuckle.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)
3. **REMOVE STABILIZER BAR LINK**

Remove the 2 nuts, stabilizer bar link, 2 retainers and 2 bushings.

HINT:

If the ball joint stud turns together with the nut, use a hexagon wrench to hold the stud.

Torque:

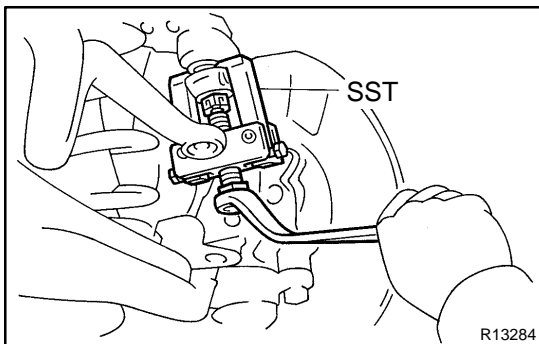
Stabilizer bar side: 29.5 N·m (300 kgf·cm, 22 ft·lbf)

Lower arm side: 90 N·m (920 kgf·cm, 66 ft·lbf)

4. **DISCONNECT UPPER BALL JOINT**
 - (a) Support the lower suspension arm with a jack.
 - (b) Remove the cotter pin and loosen the nut.
Torque: 110 N·m (1,100 kgf·cm, 80 ft·lbf)

HINT:

At the time of installation, if the holes for the cotter pin are not aligned, tighten the nut further up to 60°.



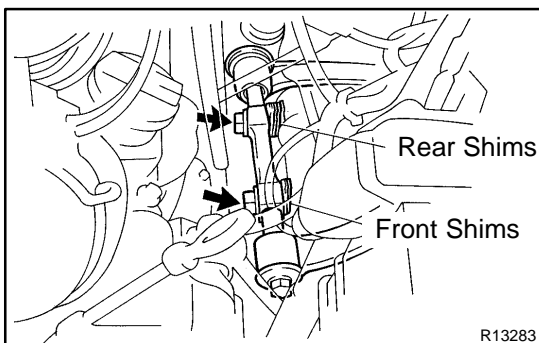
- (c) Using SST, disconnect the steering knuckle from the upper ball joint.
SST 09628-62011
- (d) Remove the nut and disconnect the steering knuckle from upper ball joint.

NOTICE:

Do not remove the jack.

HINT:

Support the steering knuckle securely.



5. **REMOVE UPPER SUSPENSION ARM**
 - (a) Loosen the 2 bolts and remove the front and rear alignment adjusting shims.
Torque: 130 N·m (1,300 kgf·cm, 94 ft·lbf)

HINT:

Make a note of the number and thickness of the front and rear shims.

- (b) Remove the 2 bolts, retainers and upper suspension arm.

6. REMOVE UPPER BALL JOINT

Remove the 4 bolts, nuts and upper ball joint from the upper suspension arm.

Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)