

REMOVAL

1. **REMOVE FRONT WHEEL**
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
2. **REMOVE FRONT BRAKE CALIPER**
 - (a) Remove the 2 bolts and brake caliper.
Torque: 118 N·m (1,200 kgf·cm, 87 ft·lbf)
 - (b) Support the brake caliper securely.
3. **DISCONNECT ABS SPEED SENSOR AND WIRE HARNESS**

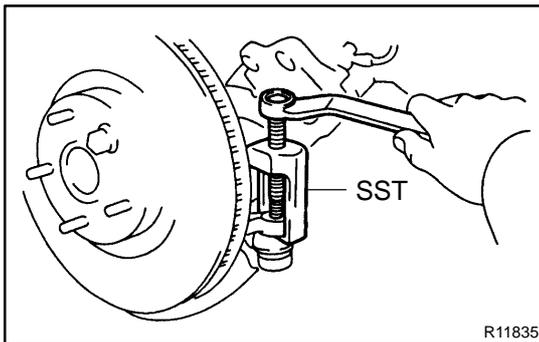
Remove the 2 bolts, ABS speed sensor and wire harness.

NOTICE:

When removing them right side, do not disconnect the pad wear indicator connector.

Torque: 7.8 N·m (80 kgf·cm, 69 in.-lbf)

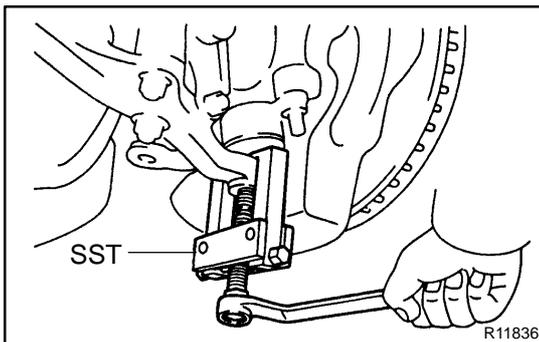
4. **DISCONNECT TIE ROD END FROM LOWER BALL JOINT**
 - (a) Remove the clip and nut from the tie rod end.
Torque: 59 N·m (600 kgf·cm, 43 ft·lbf)



- (b) Using SST, disconnect the tie rod end from the steering knuckle.

SST 09610-20012

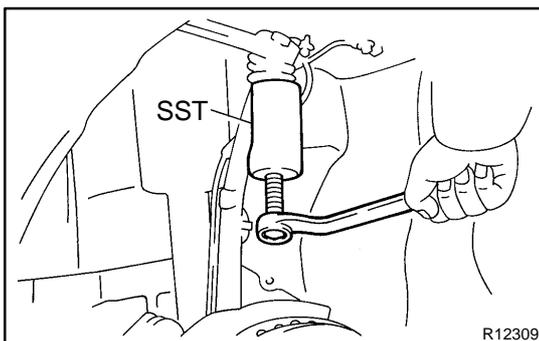
5. **DISCONNECT LOWER BALL JOINT FROM LOWER SUSPENSION ARM**
 - (a) Remove the cotter pin and nut from the lower ball joint.
Torque: 152 N·m (1,550 kgf·cm, 112 ft·lbf)



- (b) Using SST, remove the lower ball joint from the lower suspension arm.

SST 09628-62011

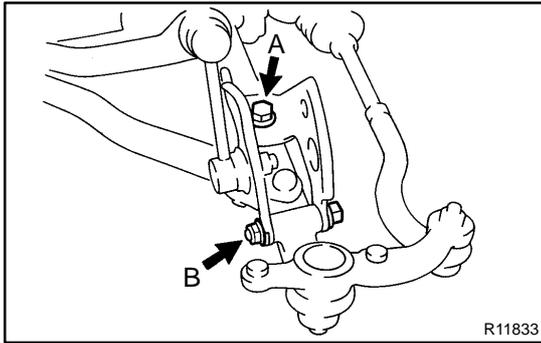
6. **REMOVE STEERING KNUCKLE WITH LOWER BALL JOINT**
 - (a) Remove the clip and nut.
Torque: 65 N·m (660 kgf·cm, 48 ft·lbf)



- (b) Using SST, disconnect the steering knuckle from the upper ball joint.

SST 09610-20012

- (c) Remove the steering knuckle with lower ball joint.
7. **COIL SUSPENSION:**
REMOVE FRONT SHOCK ABSORBER (See page SA-20)
8. **AIR SUSPENSION:**
REMOVE FRONT PNEUMATIC CYLINDER (See page SA-27)

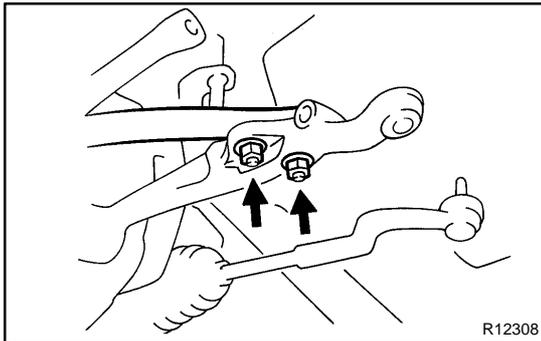


9. REMOVE FRONT SHOCK ABSORBER LOWER BRACKET

Torque:

A: 59 N·m (600 kgf-cm, 43 ft-lbf)

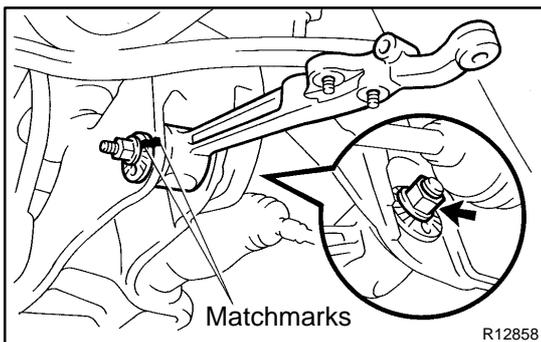
B: 113 N·m (1,150 kgf-cm, 83 ft-lbf)



10. DISCONNECT STRUT BAR FROM LOWER SUSPENSION ARM

Remove the 2 nuts and disconnect the strut bar from the lower suspension arm.

Torque: 164 N·m (1,670 kgf-cm, 121 ft-lbf)



11. REMOVE LOWER SUSPENSION ARM

(a) Remove the 2 nuts and suspension member brace.

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

(b) Place matchmarks on the camber adjusting cam.

(c) Remove the nut, adjusting cam and lower suspension arm.

Torque: 251 N·m (2,560 kgf-cm, 185 ft-lbf)