

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:

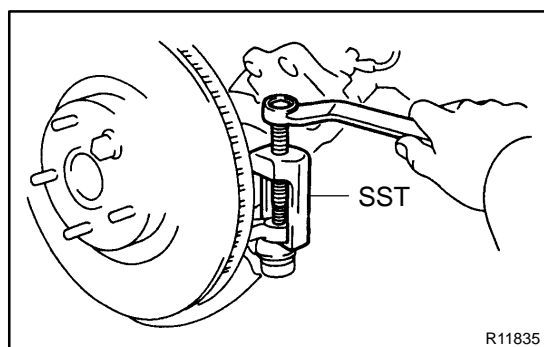
When removing them right side, do not disconnect the pad wear indicator connector.

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)



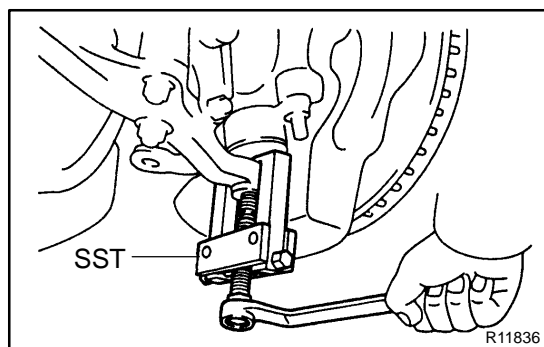
(b) Using SST, disconnect the tie rod end from the steering knuckle.

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)



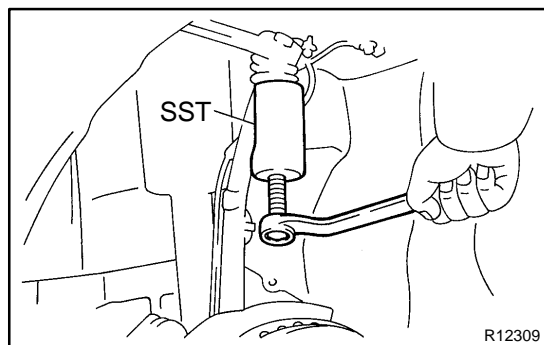
(b) Using SST, remove the lower ball joint from the lower suspension arm.

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

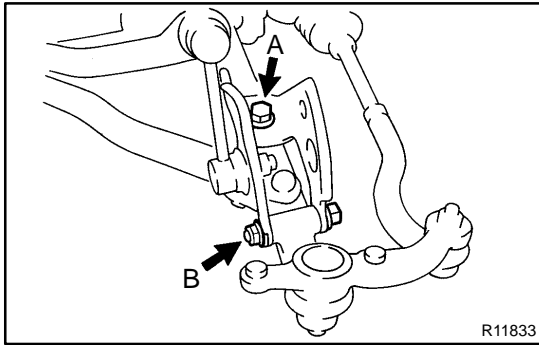
(c) Remove the steering knuckle with lower ball joint.

7. COIL SUSPENSION:

REMOVE FRONT SHOCK ABSORBER (See page [SA-20](#))

8. AIR SUSPENSION:

REMOVE FRONT PNEUMATIC CYLINDER (See page [SA-27](#))

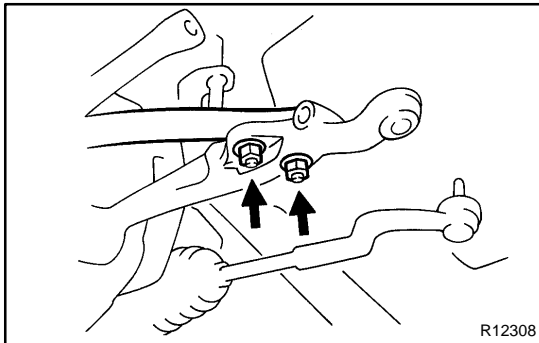


9. REMOVE FRONT SHOCK ABSORBER LOWER BRACKET

Torque:

A: 59 N·m (600 kgf·cm, 43 ft·lbf)

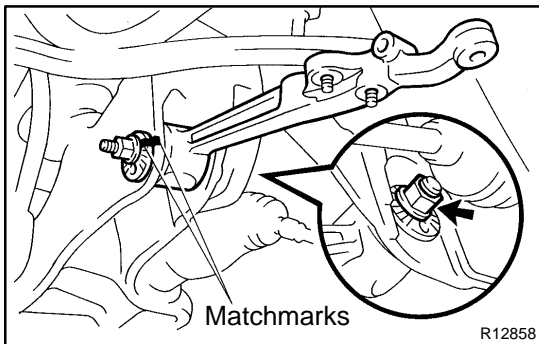
B: 113 N·m (1,150 kgf·cm, 83 ft·lbf)



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)