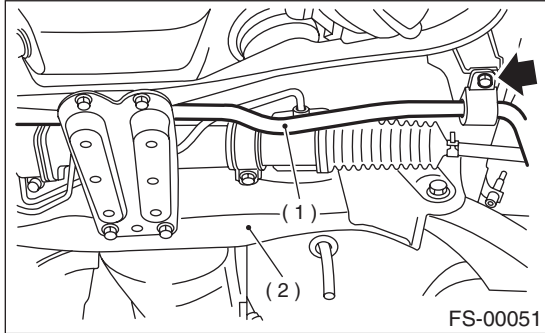


## 7. Front Crossmember

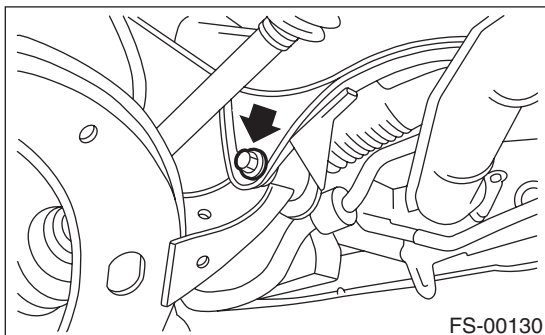
### A: REMOVAL

- 1) Set vehicle on a lift.
- 2) Disconnect ground cable from battery.
- 3) Lift-up vehicle and remove front tires and wheels.
- 4) Remove both stabilizer and jack-up plate.

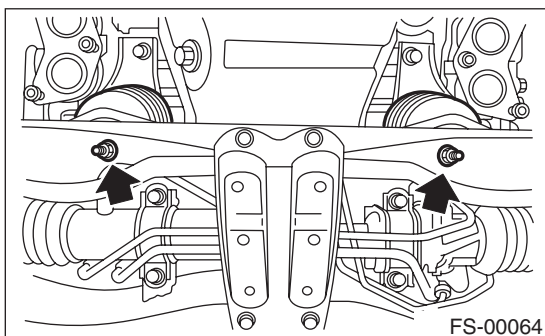


- (1) Front stabilizer  
(2) Front crossmember

- 5) Disconnect tie-rod end from housing.
- 6) Remove front exhaust pipe.
- 7) Remove front transverse link from front crossmember and body.



- 8) Remove nuts attaching engine mount cushion rubber to crossmember.



- 9) Remove steering universal joint. <Ref. to PS-18, REMOVAL, Universal Joint.>
- 10) Disconnect power steering hose from steering gear box.

11) Lift engine by approx. 10 mm (0.39 in) by using chain block.

12) Support crossmember with a jack, remove nuts securing crossmember to body and gradually lower crossmember along with steering gearbox.

### CAUTION:

When removing crossmember downward, be careful that tie-rod end does not interfere with SFJ boot.

### B: INSTALLATION

- 1) Install in the reverse order of removal.

### CAUTION:

Always tighten rubber bushing when wheels are in full contact with the ground and vehicle is at curb weight.

### Tightening torque:

*Transverse link bushing to crossmember:*  
95 N·m (9.7 kgf·m, 71 ft·lb)

*Stabilizer to bushing:*  
25 N·m (2.5 kgf·m, 18.1 ft·lb)

*Tie-rod end to housing:*  
27.0 N·m (2.75 kgf·m, 19.9 ft·lb)

*Front cushion rubber to crossmember:*  
75 N·m (7.6 kgf·m, 55 ft·lb)

*Universal joint to pinion shaft:*  
24 N·m (2.4 kgf·m, 17.4 ft·lb)

*Crossmember to body:*  
100 N·m (10.2 kgf·m, 74 ft·lb)

*Gearbox to steering hose:*  
15 N·m (1.5 kgf·m, 10.8 ft·lb)

- 2) Purge air from power steering system.

### NOTE:

Check wheel alignment and adjust if necessary.

### C: INSPECTION

Check crossmember for wear, damage and cracks, and correct or replace if defective.