

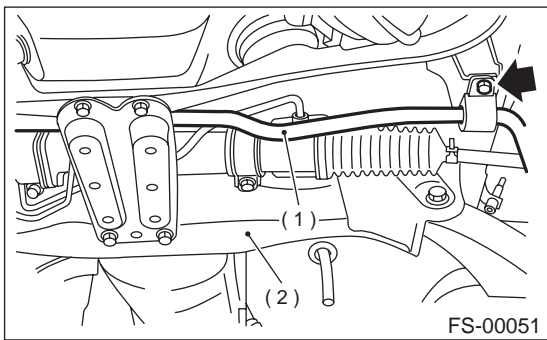
## FRONT CROSSMEMBER

### FRONT SUSPENSION

## 7. Front Crossmember

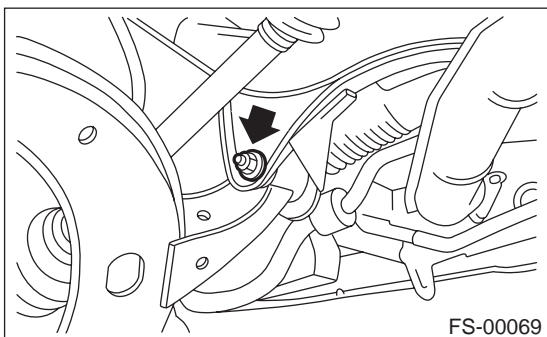
### A: REMOVAL

- 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.

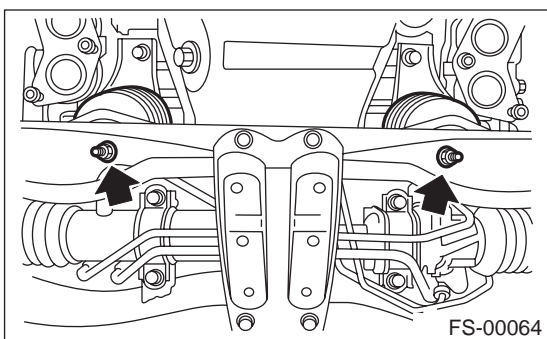


- (1) Front stabilizer  
(2) Front crossmember

- 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-19, REMOVAL, Universal Joint.>
- 10) Disconnect power steering pipe 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:**

**100 N·m (10.2 kgf·m, 74 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)**

- 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.

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