

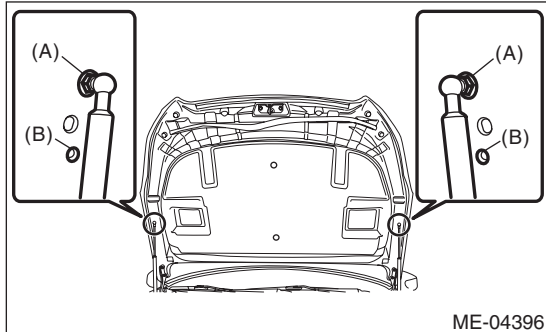
## 10.Engine Mounting

### A: REMOVAL

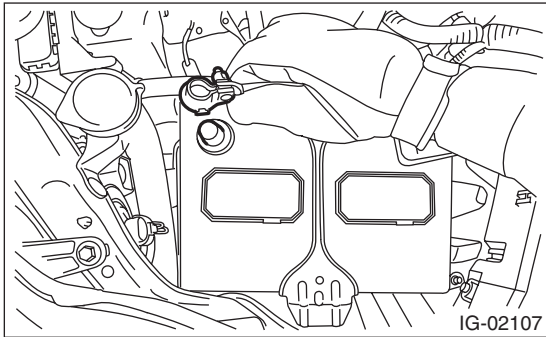
1) Change the front hood damper mounting position from (A) to (B), and completely open the front hood.

**Tightening torque:**

**20 N·m (2.0 kgf-m, 14.8 ft-lb)**



2) Disconnect the ground cable from battery.



3) Remove the radiator main fan motor assembly and radiator sub fan motor assembly. <Ref. to CO(H4SO)-23, REMOVAL, Radiator Main Fan and Fan Motor.> <Ref. to CO(H4SO)-24, REMOVAL, Radiator Sub Fan and Fan Motor.>

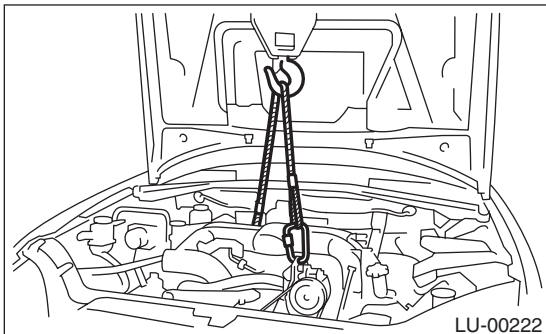
4) Lift up the vehicle.

5) Remove the under cover. <Ref. to EI-35, REMOVAL, Front Under Cover.>

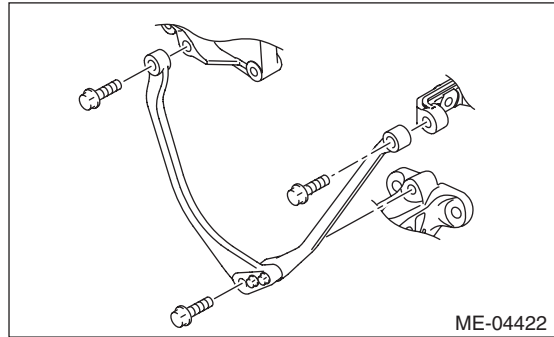
6) Remove the front exhaust pipe. <Ref. to EX(H4SO)-4, REMOVAL, Front Exhaust Pipe.>

7) Lower the vehicle.

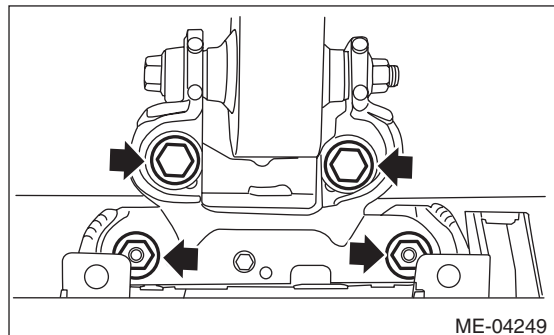
8) Support the engine with a lifting device and wire ropes.



9) Remove the stopper rod.



10) Remove the bolt and nut which secure engine mounting to the cradle.

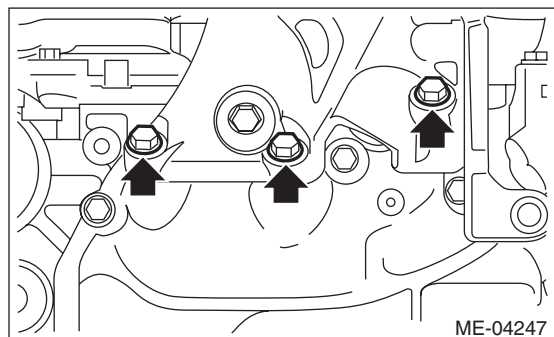


11) Lift up the vehicle.

### CAUTION:

**When lifting up the vehicle, raise up wire ropes at the same time.**

12) Remove the bolts which secure the engine mounting onto the engine, and remove the engine mounting.

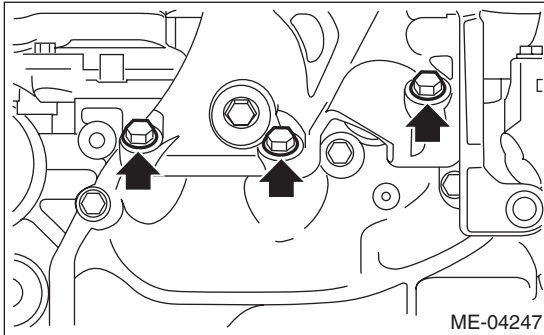


## B: INSTALLATION

1) Set the engine mounting, and tighten the bolts which hold engine mounting to the engine.

**Tightening torque:**

**58 N·m (5.9 kgf-m, 42.8 ft-lb)**



2) Lower the vehicle.

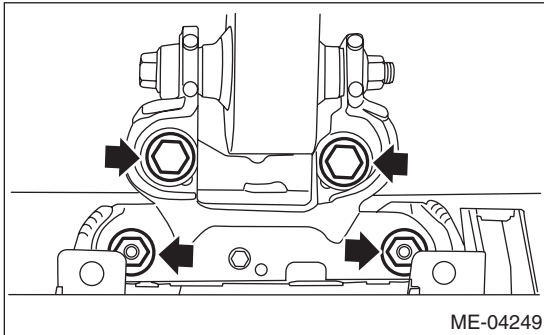
### CAUTION:

**When lifting down the vehicle, lower wire ropes at the same time.**

3) Attach the bolts and nuts which secure engine mounting to the cradle.

**Tightening torque:**

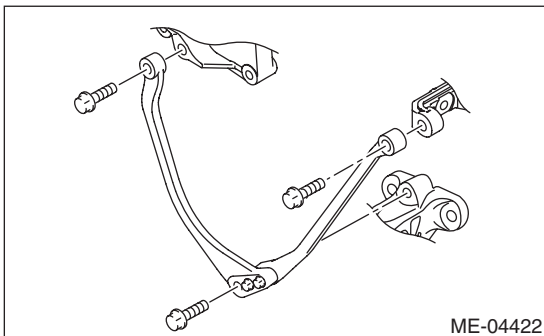
**60 N·m (6.1 kgf-m, 44.3 ft-lb)**



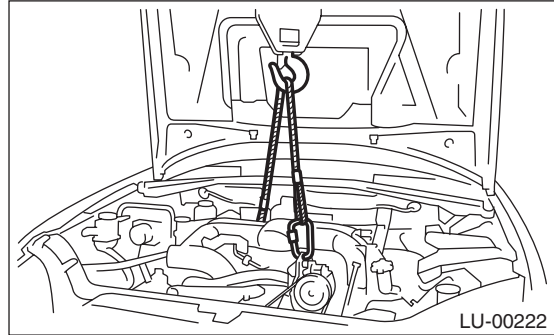
4) Install the stopper rod.

**Tightening torque:**

**36 N·m (3.7 kgf-m, 26.6 ft-lb)**



5) Remove the lifting device and wire ropes.



6) Lift up the vehicle.

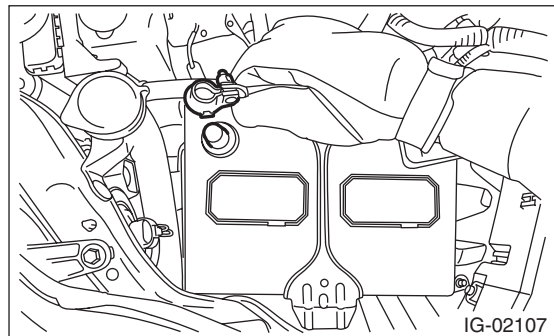
7) Install the front exhaust pipe. <Ref. to EX(H4SO)-5, INSTALLATION, Front Exhaust Pipe.>

8) Install the under cover. <Ref. to EI-35, INSTALLATION, Front Under Cover.>

9) Lower the vehicle.

10) Install the radiator main fan motor assembly and radiator sub fan motor assembly. <Ref. to CO(H4SO)-23, INSTALLATION, Radiator Main Fan and Fan Motor.> <Ref. to CO(H4SO)-24, INSTALLATION, Radiator Sub Fan and Fan Motor.>

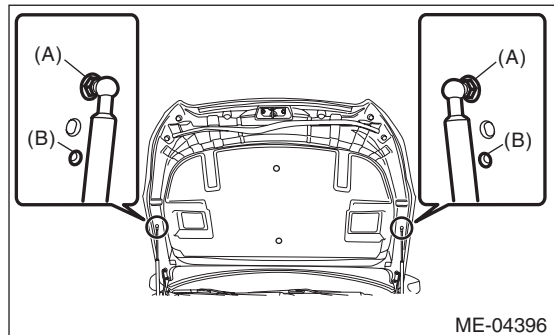
11) Connect the ground cable to battery.



12) Change the front hood damper mounting position from (B) to (A), and close the front hood.

**Tightening torque:**

**20 N·m (2.0 kgf-m, 14.8 ft-lb)**

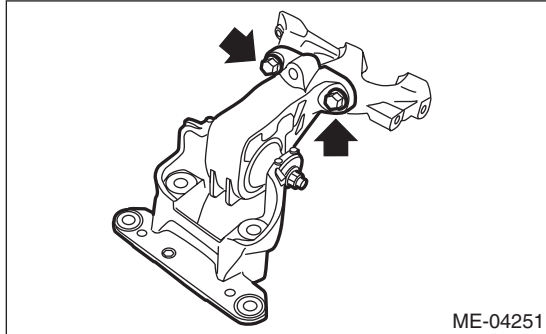


# Engine Mounting

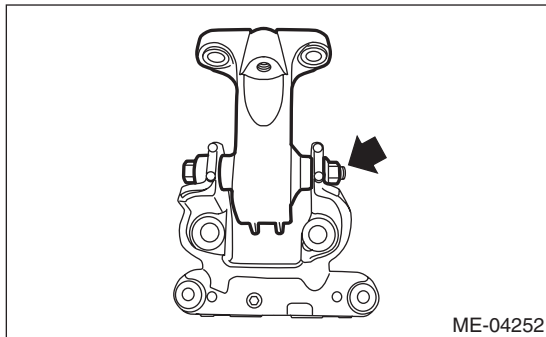
## MECHANICAL

### C: DISASSEMBLY

- 1) Remove the front cushion rubber from the engine mounting bracket.



- 2) Remove the front cushion rubber from the front mounting bracket.

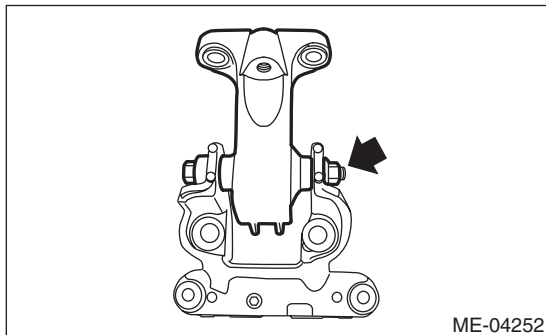


### D: ASSEMBLY

- 1) Install the front cushion rubber to the front mounting bracket.

**Tightening torque:**

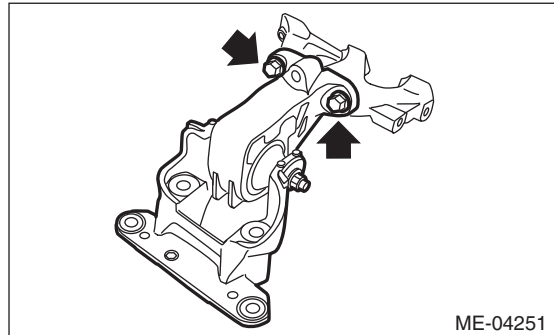
**45 N·m (4.6 kgf-m, 33.2 ft-lb)**



- 2) Install the front cushion rubber to the engine mounting bracket.

**Tightening torque:**

**25 N·m (2.5 kgf-m, 18.4 ft-lb)**



### E: INSPECTION

Check that the engine mounting does not have deformation, cracks and any other damage.