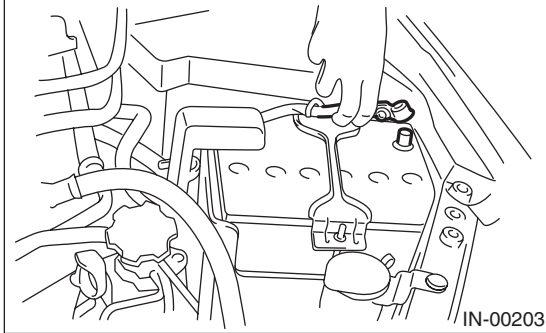


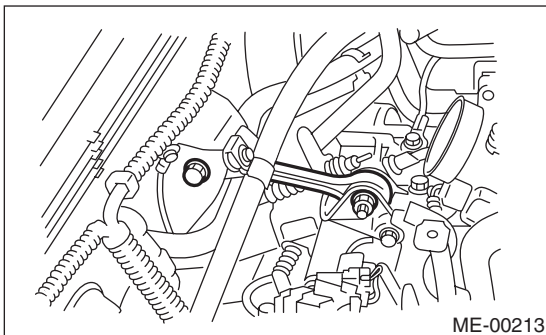
5. Oil Pan and Strainer

A: REMOVAL

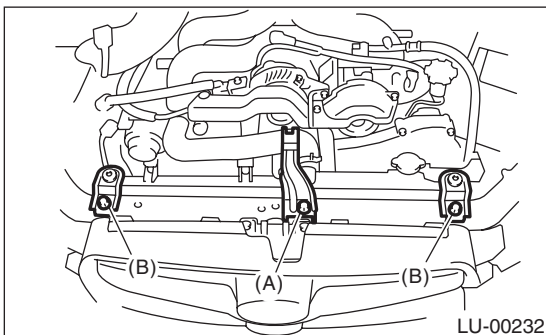
- 1) Set the vehicle on a lift.
- 2) Remove the front wheels.
- 3) Disconnect the ground cable from the battery.



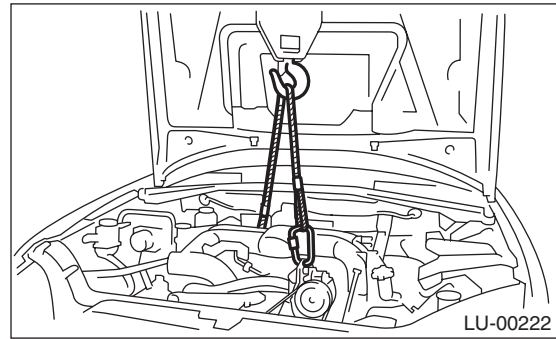
- 4) Remove the air intake duct and air cleaner case. <Ref. to IN(H4SO)-8, REMOVAL, Air Intake Duct.> <Ref. to IN(H4SO)-5, REMOVAL, Air Cleaner Case.>
- 5) Remove the air intake chamber.<Ref. to IN(H4SO)-7, REMOVAL, Air Intake Chamber.>
- 6) Remove the pitching stopper.



- 7) Remove the hood stay holder (A) and radiator upper brackets (B).



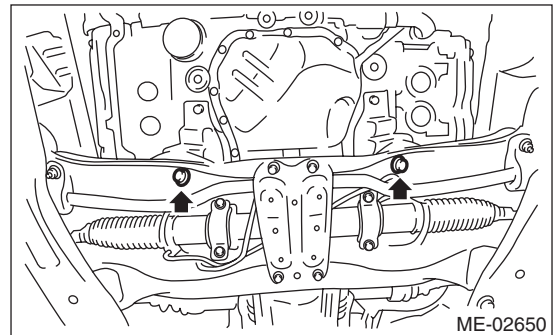
- 8) Support the engine with a lifting device and wire ropes.



- 9) Lift up the vehicle.

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

- 10) Remove the under cover.
- 11) Drain the engine oil. <Ref. to LU(H4SO)-9, REPLACEMENT, Engine Oil.>
- 12) Remove the front and center exhaust pipes. <Ref. to EX(H4SO)-4, REMOVAL, Front Exhaust Pipe.>
- 13) Remove the nuts which install front cushion rubber onto front crossmember.



- 14) Remove the bolts which install oil pan on cylinder block with the engine raised up.
- 15) Insert the oil pan cutter blade into the gap between cylinder block and oil pan.

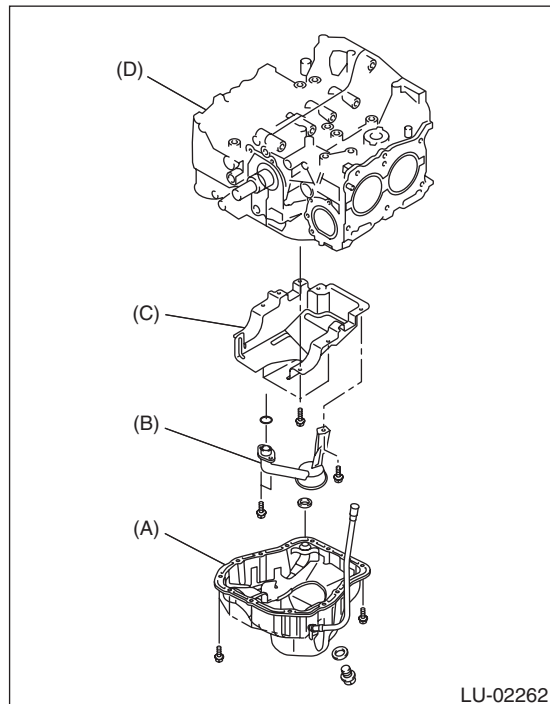
CAUTION:
Do not use a screwdriver or similar tool in place of oil pan cutter.

- 16) Remove the oil strainer.

Oil Pan and Strainer

LUBRICATION

17) Remove the baffle plate.



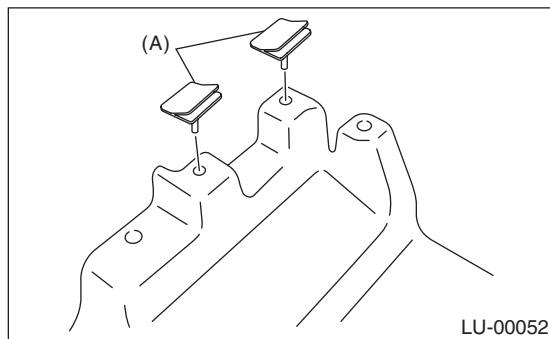
- (A) Oil pan
- (B) Oil strainer
- (C) Baffle plate
- (D) Cylinder block

B: INSTALLATION

CAUTION:

Before installing the oil pan, clean the mating surface of oil pan and engine block.

1) Make sure that the seals (A) are installed securely on the baffle plate in a direction as shown in the figure below.



2) Install the baffle plate.

Tightening torque:

6.4 N·m (0.65 kgf-m, 4.7 ft-lb)

3) Install the oil strainer to the cylinder block.

NOTE:

Use new O-rings.

Tightening torque:

10 N·m (1.0 kgf-m, 7.2 ft-lb)

4) Tighten the oil strainer stay together with the baffle plate.

Tightening torque:

6.4 N·m (0.65 kgf-m, 4.7 ft-lb)

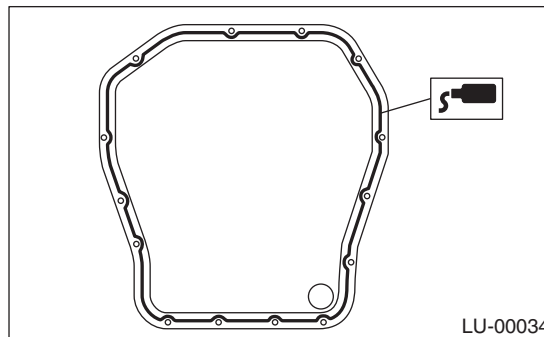
5) Apply liquid gasket to the mating surfaces, and install the oil pan.

NOTE:

Install within 5 min. after applying liquid gasket.

Liquid gasket:

THREE BOND 1207C (Part No. 004403012) or equivalent



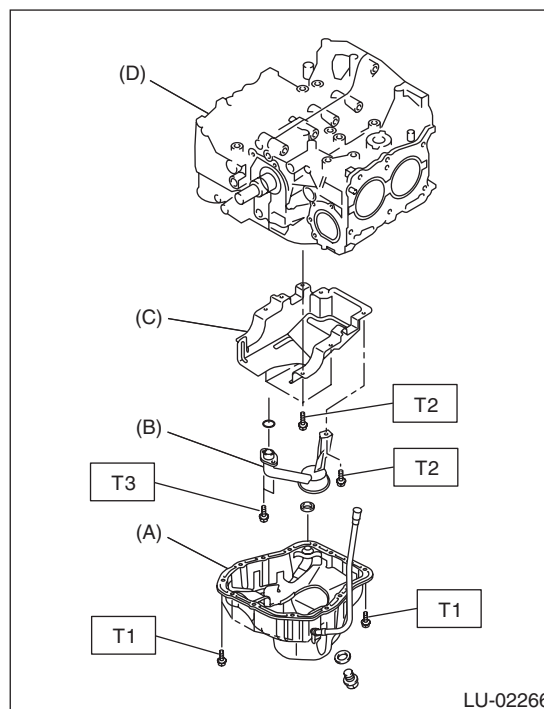
6) Tighten the bolts which install oil pan to engine block.

Tightening torque:

T1: 5 N·m (0.5 kgf-m, 3.6 ft-lb)

T2: 6.4 N·m (0.65 kgf-m, 4.7 ft-lb)

T3: 10 N·m (1.0 kgf-m, 7.2 ft-lb)



- (A) Oil pan
- (B) Oil strainer
- (C) Baffle plate
- (D) Cylinder block

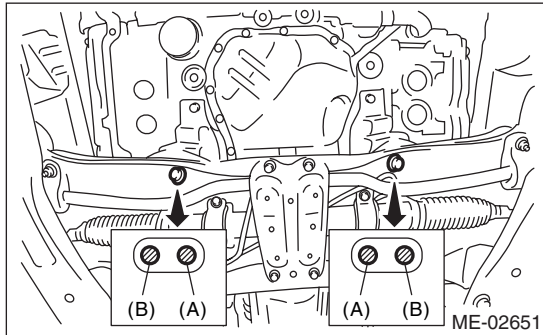
- 7) Lower the engine onto front crossmember.
- 8) Tighten the nuts which install front cushion rubber onto front crossmember.

NOTE:

Make sure the front cushion rubber mounting bolts (A) and locator (B) are securely installed.

Tightening torque:

85 N·m (8.7 kgf-m, 63 ft-lb)

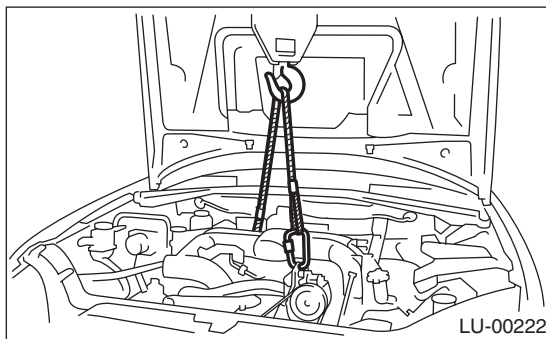


- 9) Install the front and center exhaust pipe. <Ref. to EX(H4SO)-5, INSTALLATION, Front Exhaust Pipe.>
- 10) Install the under cover.
- 11) Lower the vehicle.

CAUTION:

When lowering the vehicle, lower the lift-up device and wire ropes at the same time.

- 12) Remove the lifting device and wire ropes.

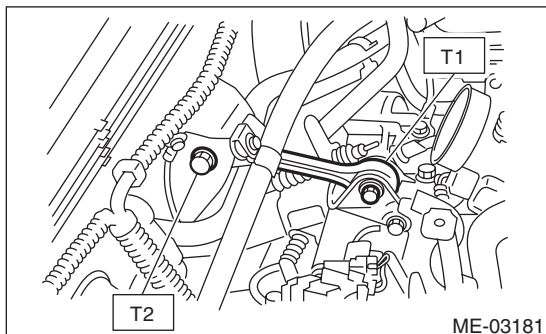


- 13) Install the pitching stopper.

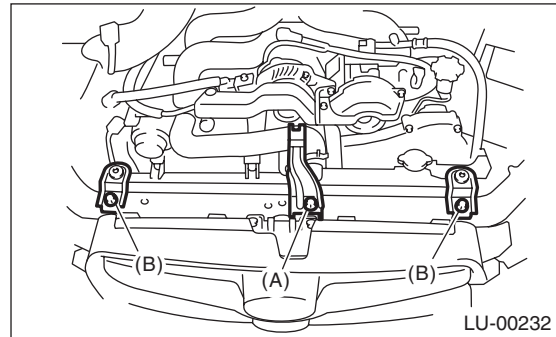
Tightening torque:

T1: 50 N·m (5.1 kgf-m, 36.9 ft-lb)

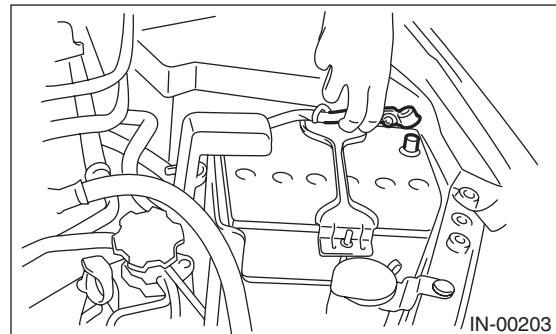
T2: 58 N·m (5.9 kgf-m, 42.8 ft-lb)



- 14) Install the hood stay holder (A) and radiator upper brackets (B).



- 15) Install the air intake chamber.<Ref. to IN(H4SO)-7, INSTALLATION, Air Intake Chamber.>
- 16) Install the air intake duct and air cleaner case.<Ref. to IN(H4SO)-8, INSTALLATION, Air Intake Duct.> <Ref. to IN(H4SO)-6, INSTALLATION, Air Cleaner Case.>
- 17) Install the front wheels.
- 18) Connect the battery ground cable to battery.



- 19) Refill the engine oil. <Ref. to LU(H4SO)-9, INSPECTION, Engine Oil.>

C: INSPECTION

Visually check that the oil pan, oil strainer, oil strainer stay and baffle plate are not damaged.