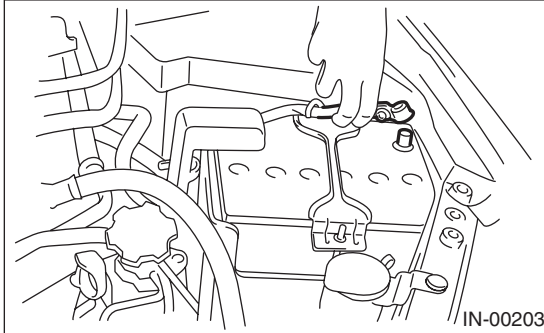


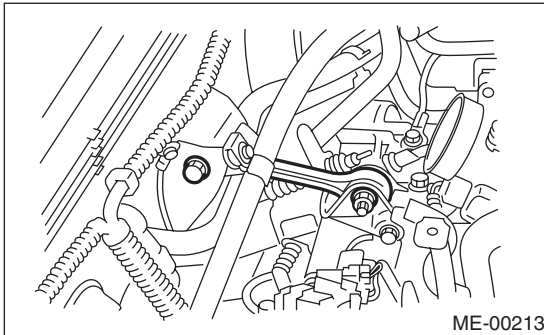
5. Oil Pan and Strainer

A: REMOVAL

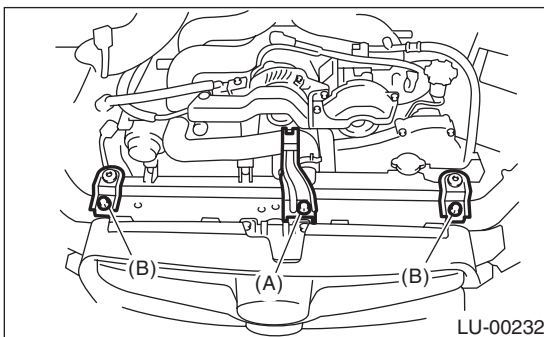
- 1) Set the vehicle on a lift.
- 2) Remove the front wheels.
- 3) Disconnect the ground cable from battery.



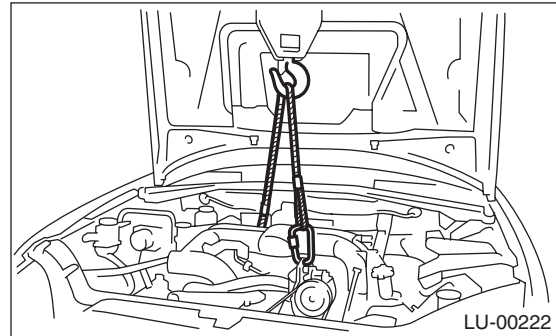
- 4) Remove the air intake duct and air cleaner case. <Ref. to IN(H4SO)-8, REMOVAL, Air Intake Duct.> <Ref. to IN(H4SO)-5, REMOVAL, Air Cleaner Case.>
- 5) Remove the air intake chamber. <Ref. to IN(H4SO)-7, REMOVAL, Air Intake Chamber.>
- 6) Remove the pitching stopper.



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



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

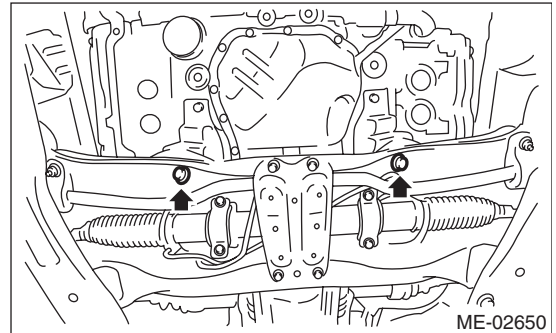


- 9) Lift-up the vehicle.

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)-8, 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:

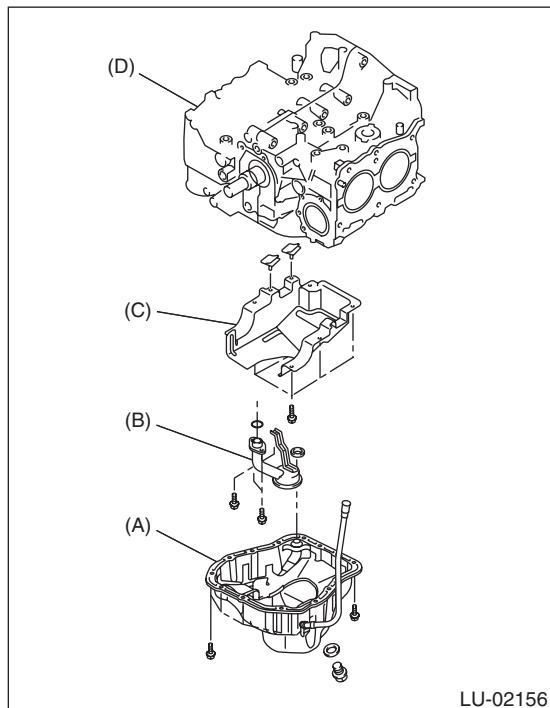
Do not use a screwdriver or similar tool in place of oil pan cutter.

- 16) Remove the oil strainer.

Oil Pan and Strainer

LUBRICATION

17) Remove the baffle plate.



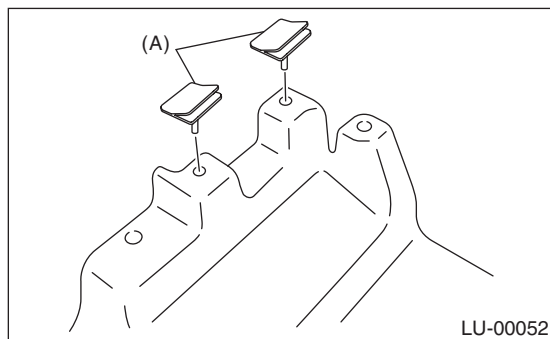
- (A) Oil pan
- (B) Oil strainer
- (C) Baffle plate
- (D) Cylinder block

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. (Non-turbo model)



2) Install the baffle plate.

Tightening torque:

6.4 N·m (0.65 kgf-m, 4.7 ft-lb)

3) Install the oil strainer onto baffle plate.

NOTE:

Replace the O-ring with a new part.

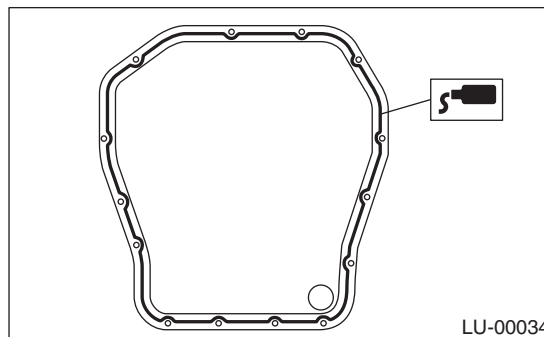
Tightening torque:

10 N·m (1.0 kgf-m, 7.2 ft-lb)

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

Liquid gasket:

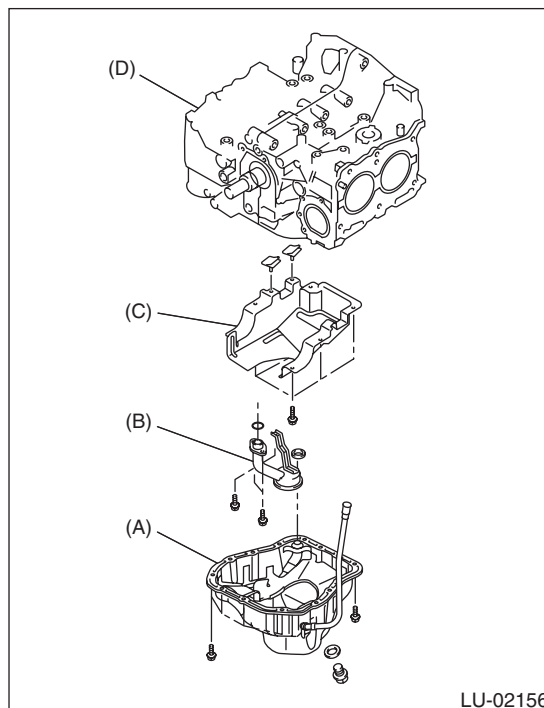
Three bond 1207C (Part No.004403012) or equivalent



5) Tighten the bolt which installs oil pan to engine block.

Tightening torque:

5 N·m (0.5 kgf-m, 3.6 ft-lb)



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

6) Lower the engine onto front crossmember.

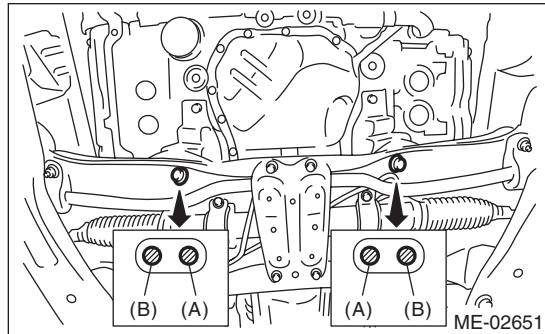
7) Tighten the nuts which install front cushion rubber onto front crossmember.

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)



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

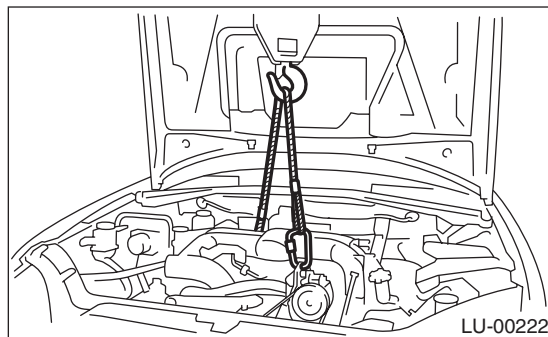
9) Install the under cover.

10) Lower the vehicle.

CAUTION:

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

11) Remove the lifting device and wire ropes.

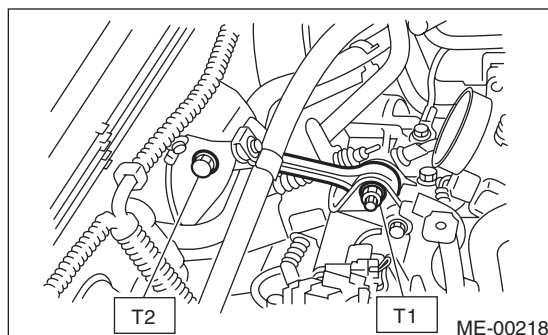


12) Attach the pitching stopper.

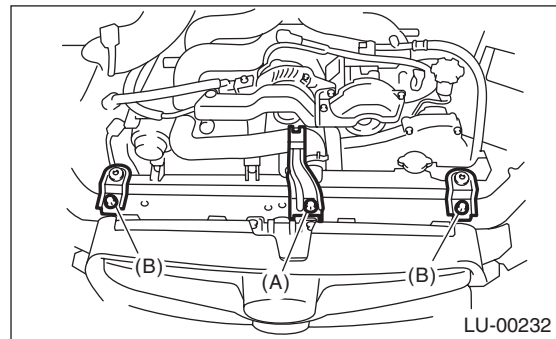
Tightening torque:

T1: 50 N·m (5.1 kgf-m, 36.9 ft-lb)

T2: 58 N·m (5.9 kgf-m, 42.8 ft-lb)



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



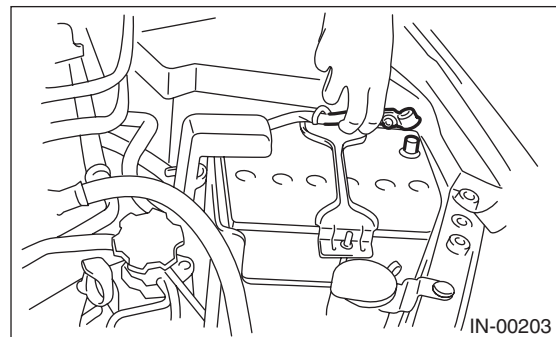
14) Install the air intake chamber.

<Ref. to IN(H4SO)-7, INSTALLATION, Air Intake Chamber.>

15) 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.>

16) Install the front wheels.

17) Connect the battery ground cable to the battery.



18) Refill the engine oil. <Ref. to LU(H4SO)-8, INSPECTION, Engine Oil.>

C: INSPECTION

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