

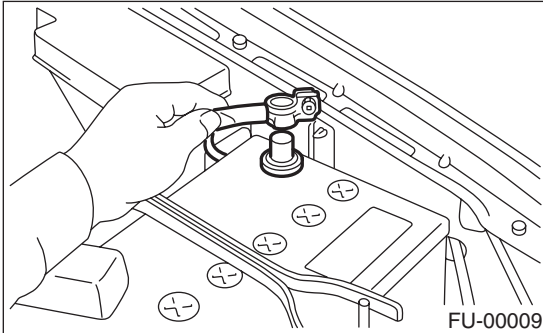
# OIL PAN AND STRAINER

## LUBRICATION

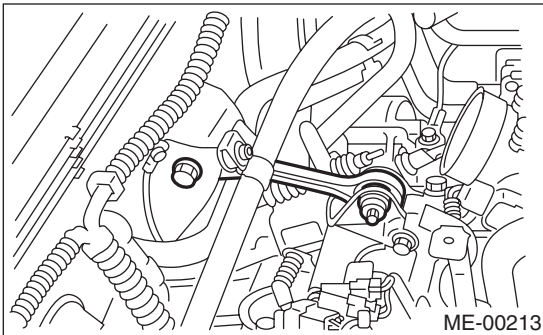
### 5. Oil Pan and Strainer

#### A: REMOVAL

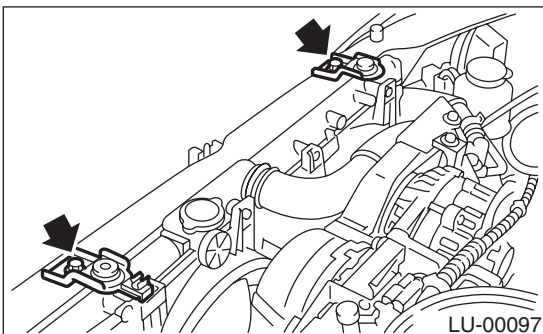
- 1) Set the vehicle on lift arms.
- 2) Remove front wheels.
- 3) Disconnect ground cable from battery.



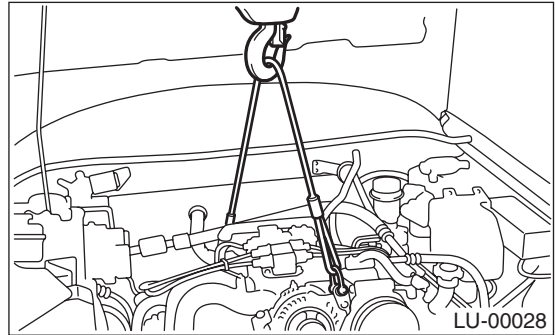
- 4) Remove air intake duct and air cleaner case.  
<Ref. to IN(H4SO)-7, REMOVAL, Air Intake Duct.>  
and <Ref. to IN(H4SO)-6, REMOVAL, Air Cleaner Case.>
- 5) Remove pitching stopper.



- 6) Remove radiator upper brackets.



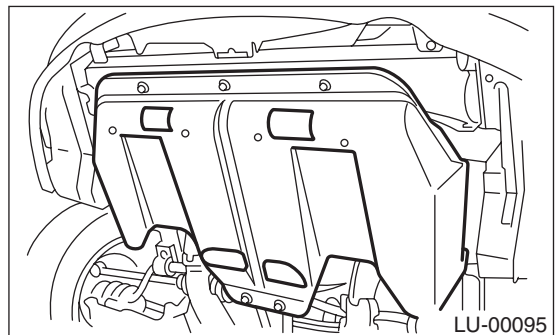
- 7) Support engine with a lifting device and wire ropes.



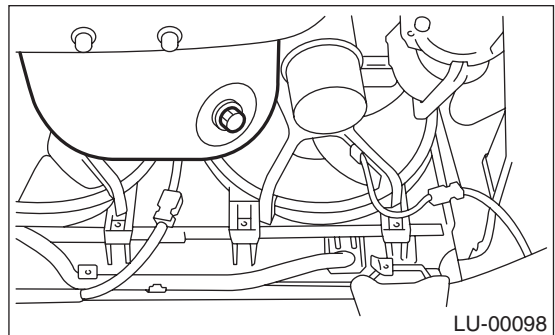
- 8) Lift-up the vehicle.

**CAUTION:**  
When lifting up the vehicle, wire rope must be raised at the same time.

- 9) Remove under cover.

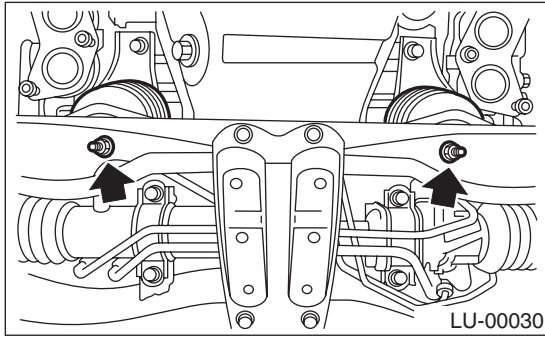


- 10) Drain engine oil.  
Set container under the vehicle, and remove drain plug from oil pan.



- 11) Remove front and center exhaust pipes. <Ref. to EX(H4SO)-5, REMOVAL, Front Exhaust Pipe.>

12) Remove nuts which secure front cushion rubber onto front crossmember.

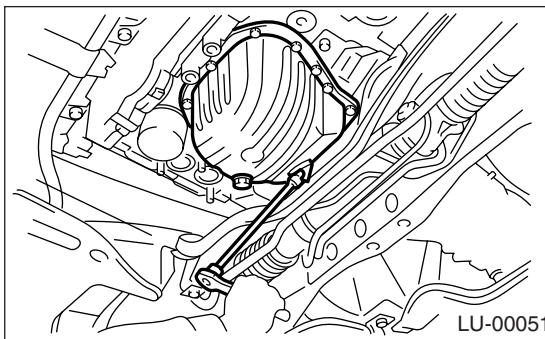


13) Remove bolts which secure oil pan on cylinder block while raising up engine.

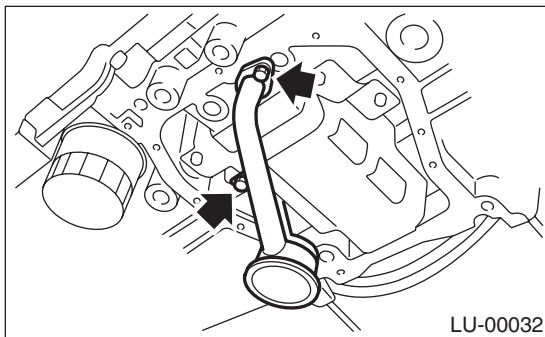
14) Insert oil pan cutter blade between cylinder block-to-oil pan clearance.

**CAUTION:**

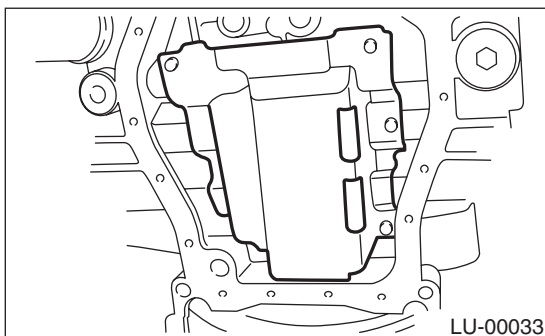
**Do not use a flat-bladed screwdriver or similar tool in place of oil pan cutter.**



15) Remove oil strainer.



16) Remove baffle plate.

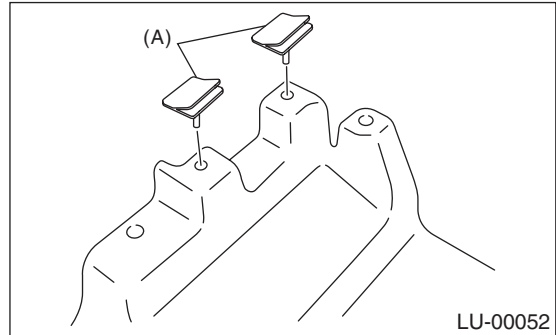


## B: INSTALLATION

**CAUTION:**

**Before installing oil pan, clean sealant from oil pan and engine block.**

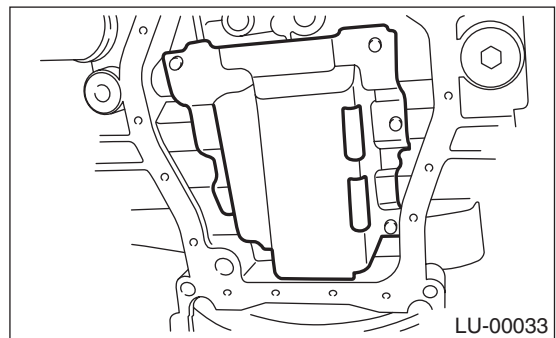
1) Make sure seal (A) is facing to the direction shown in the figure below and installed on baffle plate securely.



2) Install baffle plate.

**Tightening torque:**

**6.4 N-m (0.65 kgf-m, 4.7 ft-lb)**



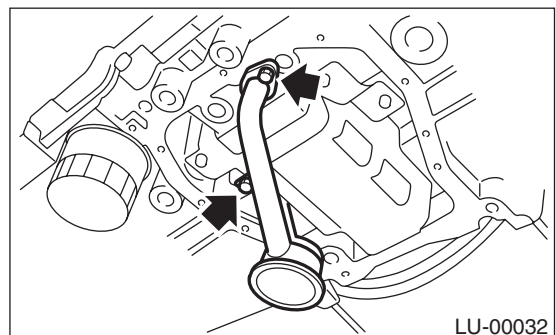
3) Install oil strainer onto baffle plate.

**CAUTION:**

**Replace O-ring with a new one.**

**Tightening torque:**

**10 N-m (1.0 kgf-m, 7 ft-lb)**



# OIL PAN AND STRAINER

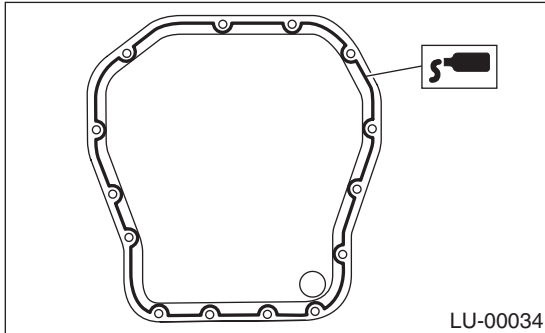
## LUBRICATION

4) Apply fluid gasket to mating surfaces and install oil pan.

**Fluid gasket:**

**Part No. 004403012**

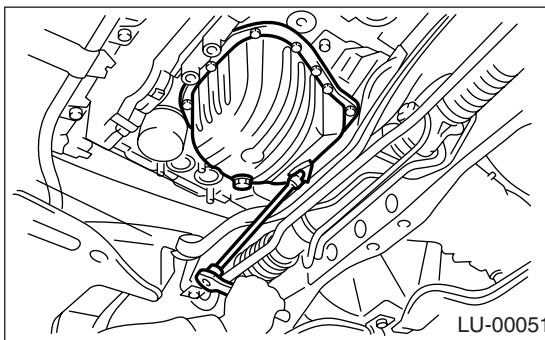
**THREE BOND 1207C or equivalent**



5) Install oil pan to cylinder block and tighten bolts.

**Tightening torque:**

**5 N·m (0.5 kgf-m, 3.6 ft-lb)**

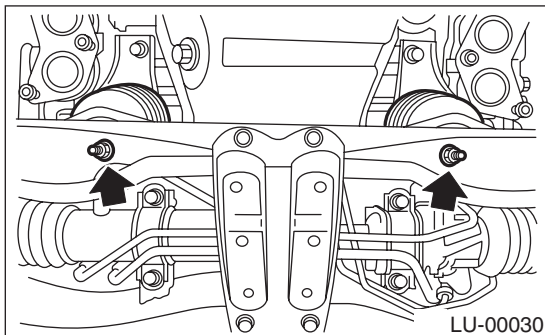


6) Lower engine onto front crossmember.

7) Tighten nuts which secure front cushion rubber onto front crossmember.

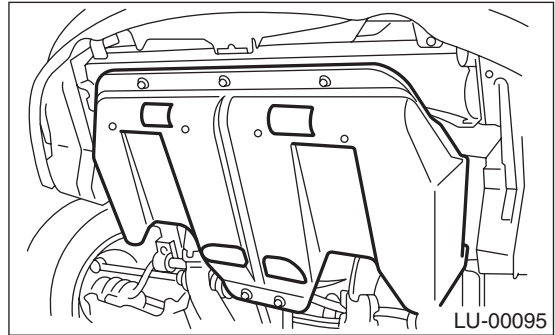
**Tightening torque:**

**69 N·m (7.0 kgf-m, 51 ft-lb)**



8) Install front and center exhaust pipes.  
<Ref. to EX(H4SO)-6, INSTALLATION, Front Exhaust Pipe.>

9) Install under cover.

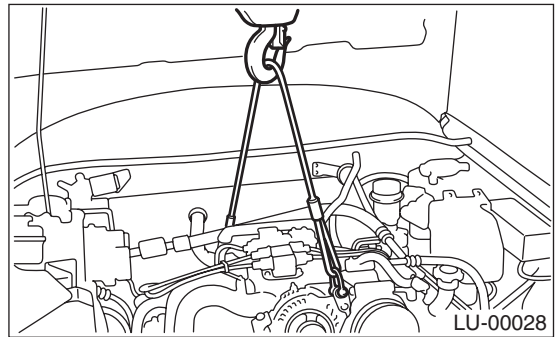


10) Lower the vehicle.

**CAUTION:**

**When lowering vehicle, wire rope must be released at the same time.**

11) Remove lifting device and wire rope.

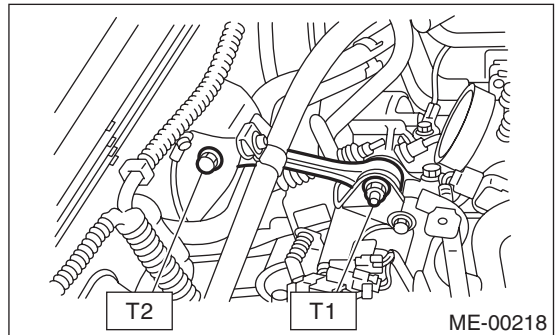


12) Install pitching stopper.

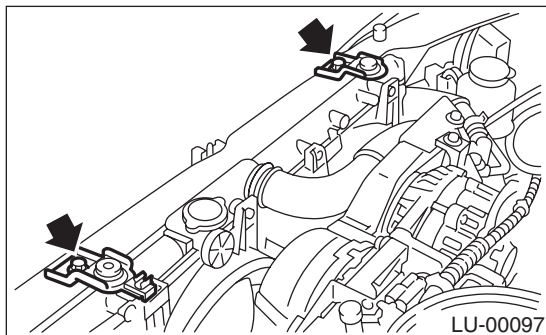
**Tightening torque:**

**T1: 50 N·m (5.1 kgf-m, 37 ft-lb)**

**T2: 58 N·m (5.9 kgf-m, 43 ft-lb)**



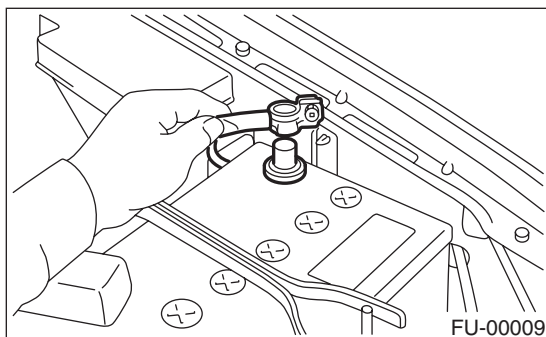
13) Install radiator upper brackets.



14) Install air intake duct and air cleaner case.  
<Ref. to IN(H4SO)-7, INSTALLATION, Air Intake Duct.> and <Ref. to IN(H4SO)-6, INSTALLATION, Air Cleaner Case.>

15) Install front wheels.

16) Connect battery ground cable.



17) Fill engine oil. <Ref. to LU(H4SO)-8, INSPECTION, Engine Oil.>

## **C: INSPECTION**

By visual check make sure oil pan, oil strainer, oil strainer stay and baffle plate are not damaged.