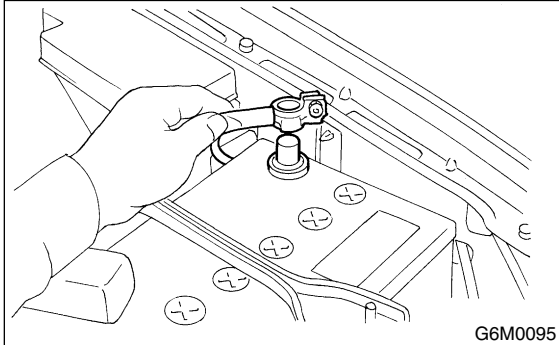


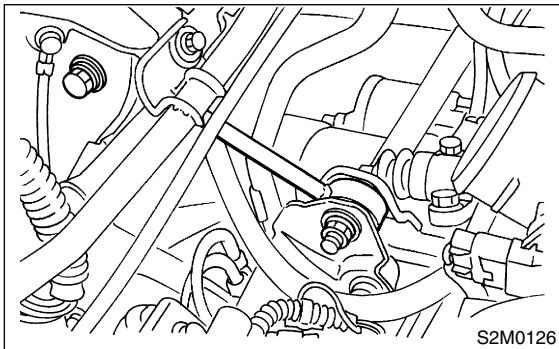
## 5. Oil Pan and Strainer S178071

### A: REMOVAL S178071A18

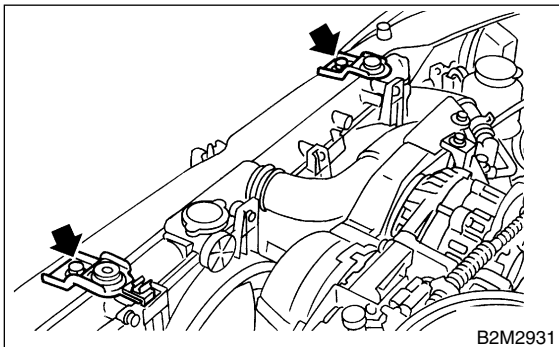
- 1) Set the vehicle on lift arms.
- 2) Remove front wheels.
- 3) Disconnect battery ground cable.



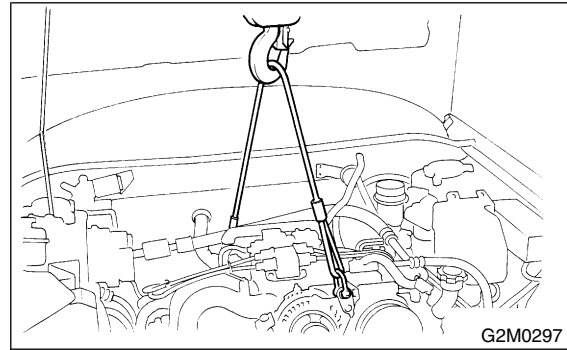
- 4) Remove air intake duct and air cleaner case.  
<Ref. to IN-7, REMOVAL, Air Intake Duct.> and  
<Ref. to IN-6, REMOVAL, Air Cleaner Case.>
- 5) Remove pitching stopper.



- 6) Remove radiator upper brackets.



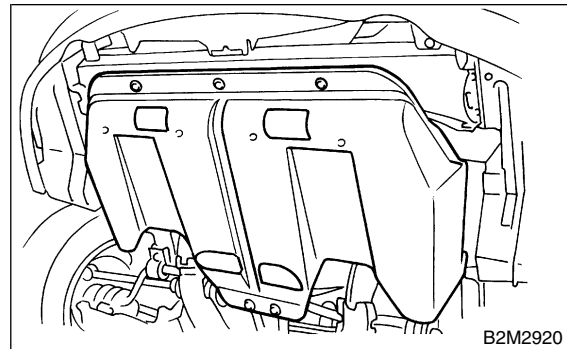
- 7) Support engine with a lifting device and wire ropes.



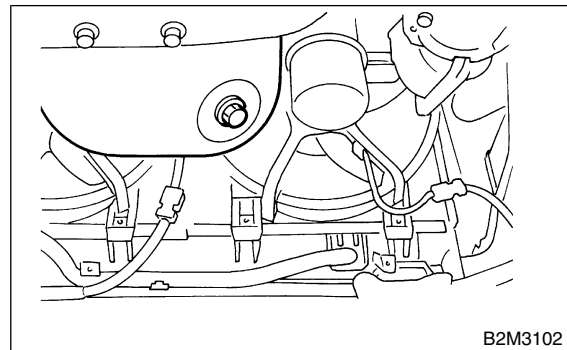
- 8) Lift-up the vehicle.

**CAUTION:**  
At this time, raise up wire ropes.

- 9) Remove under cover.



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

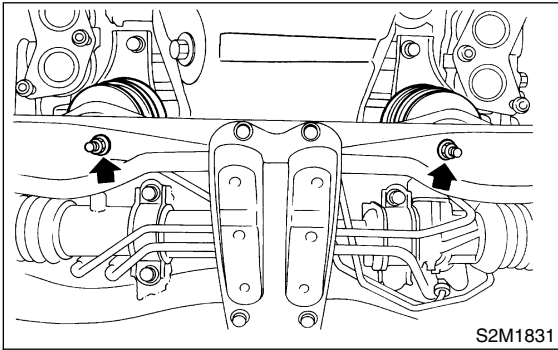


- 11) Remove front and center exhaust pipes. <Ref. to EX-5, REMOVAL, Front Exhaust Pipe.>

# OIL PAN AND STRAINER

## Lubrication

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

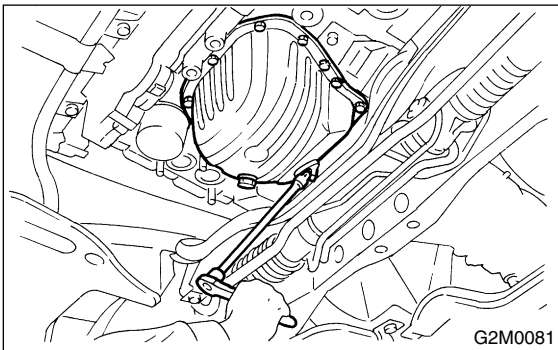


13) Remove bolts which secure oil pan on cylinder block while raising up engine.

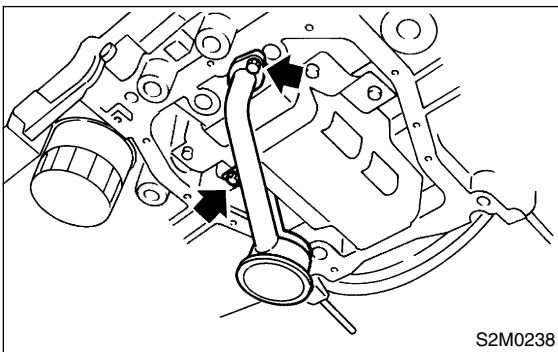
14) Insert oil pan cutter blade between cylinder block-to-oil pan clearance.

### CAUTION:

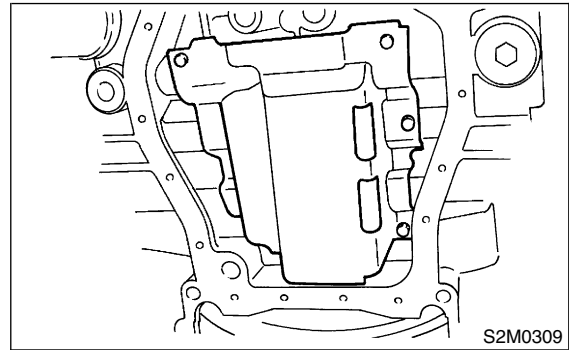
Do not use a screwdriver or similar tool in place of oil pan cutter.



15) Remove oil strainer.



16) Remove baffle plate.

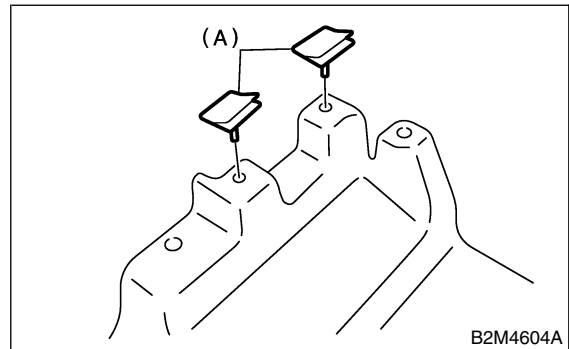


## B: INSTALLATION S178071A11

### CAUTION:

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

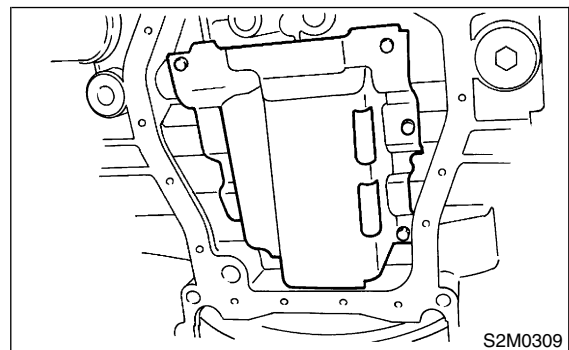
1) Make sure seal (A) is installed on baffle plate.



2) Install baffle plate.

### Tightening torque:

**6.4 N·m (0.65 kgf·m, 4.7 ft·lb)**



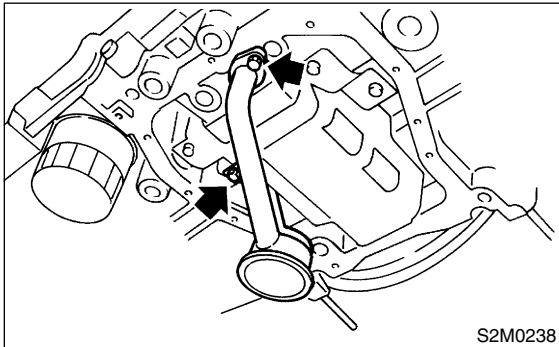
3) Install oil strainer onto baffle plate.

**CAUTION:**

Replace O-ring with a new one.

**Tightening torque:**

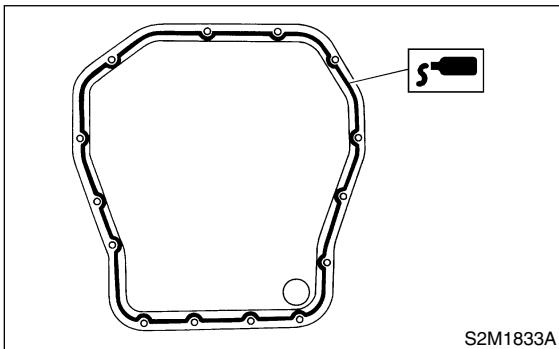
**10 N·m (1.0 kgf·m, 7 ft·lb)**



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

**Fluid packing:**

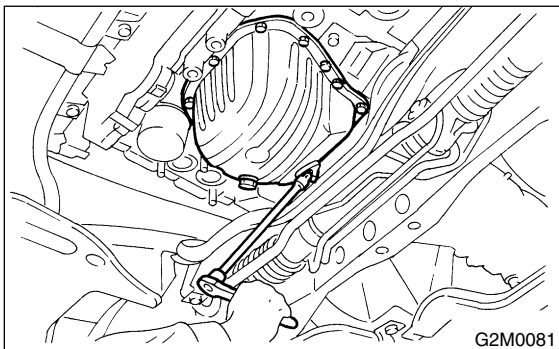
**THREE BOND 1215 or equivalent**



5) Tighten bolts which install oil pan onto engine block.

**Tightening torque:**

**5 N·m (0.5 kgf·m, 3.6 ft·lb)**

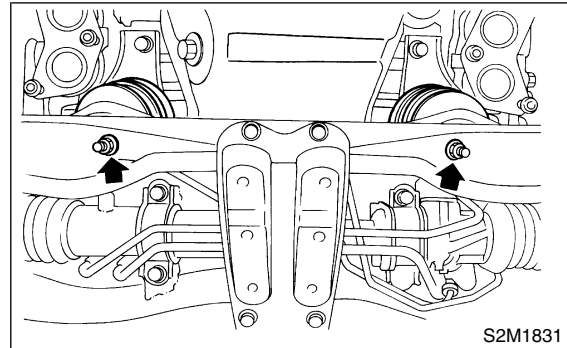


6) Lower engine onto front crossmember.

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

**Tightening torque:**

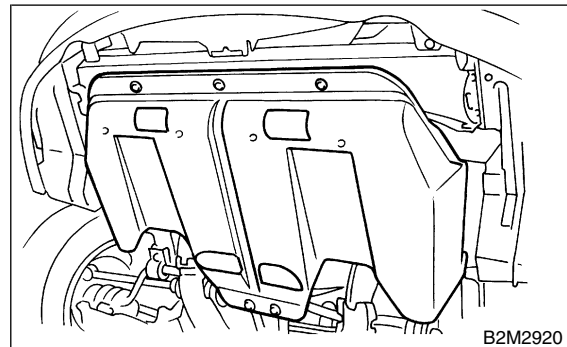
**69 N·m (7.0 kgf·m, 51 ft·lb)**



8) Install front and center exhaust pipes.

<Ref. to EX-6, INSTALLATION, Front Exhaust Pipe.>

9) Install under cover.

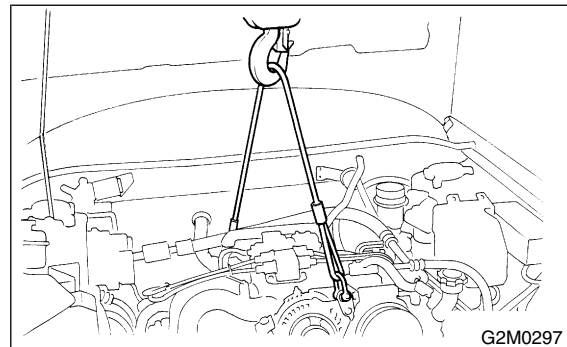


10) Lower the vehicle.

**CAUTION:**

At this time, lower lifting device and release steel cables.

11) Remove lifting device and steel cables.



# OIL PAN AND STRAINER

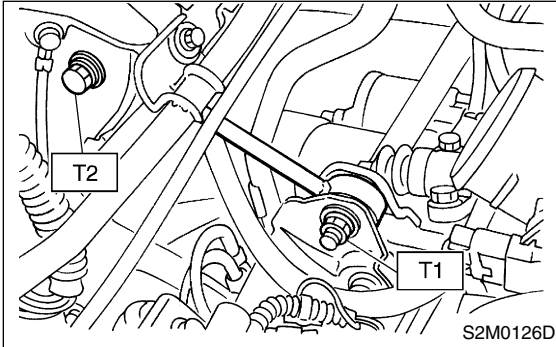
## Lubrication

12) Install pitching stopper.

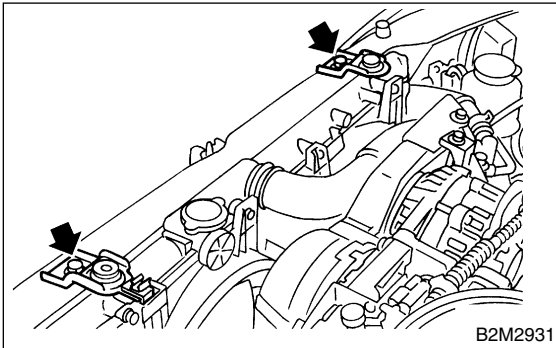
### Tightening torque:

**T1: 50 N·m (5.1 kgf-m, 37 ft-lb)**

**T2: 58 N·m (5.9 kgf-m, 43 ft-lb)**



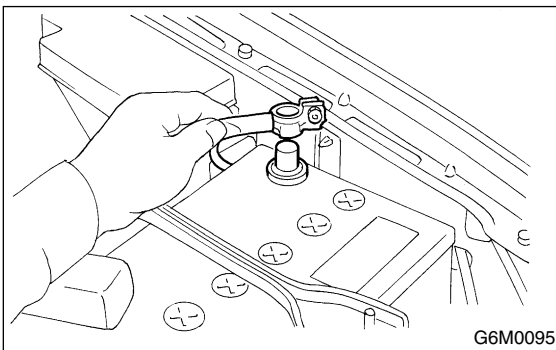
13) Install radiator upper brackets.



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

15) Install front wheels.

16) Connect battery ground cable.



17) Fill engine oil. <Ref. to LU-7, INSPECTION, Engine Oil.>

## C: INSPECTION S178071A10

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