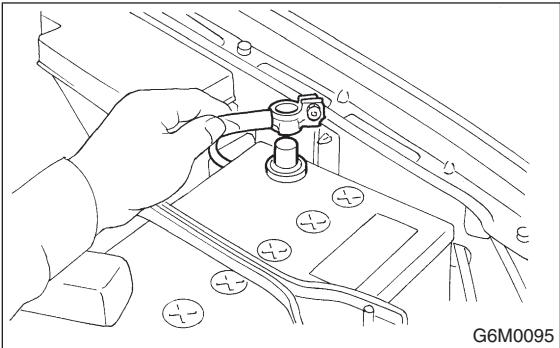


### 3. Oil Pan and Strainer S108071

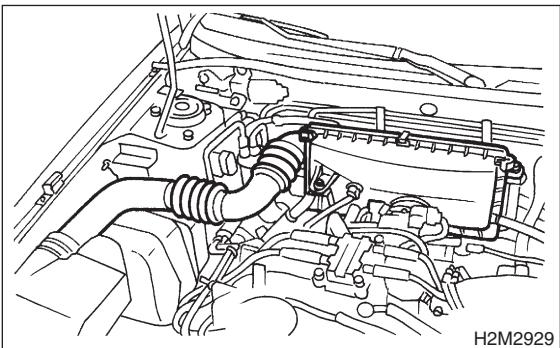
#### A: REMOVAL S108071A18

1) Disconnect battery ground cable.

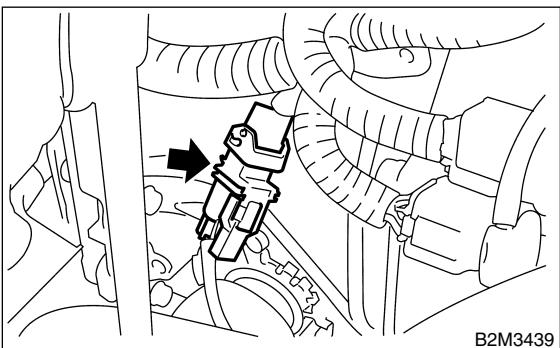


2) Remove front wheels.

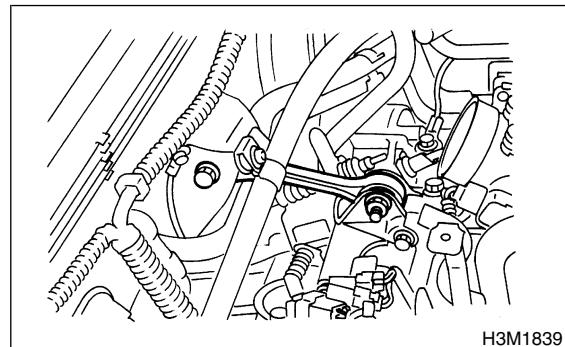
3) Remove air intake duct <Ref. to IN-5 REMOVAL, Air Intake Duct.> and air cleaner assembly. <Ref. to IN-4 REMOVAL, Air Cleaner Case.>



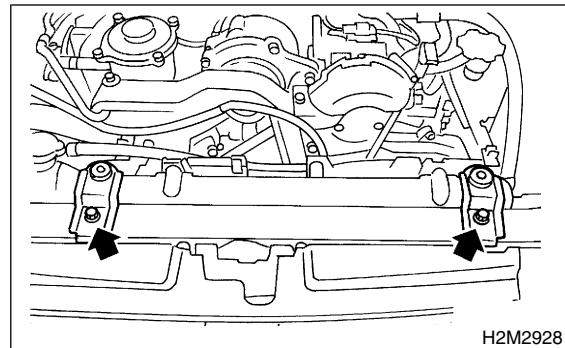
4) Disconnect front oxygen (A/F) sensor connector.



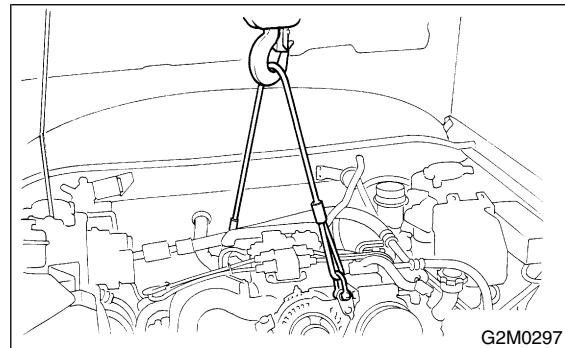
5) Remove pitching stopper.



6) Remove radiator upper bracket.



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



8) Lift-up the vehicle.

**CAUTION:**

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

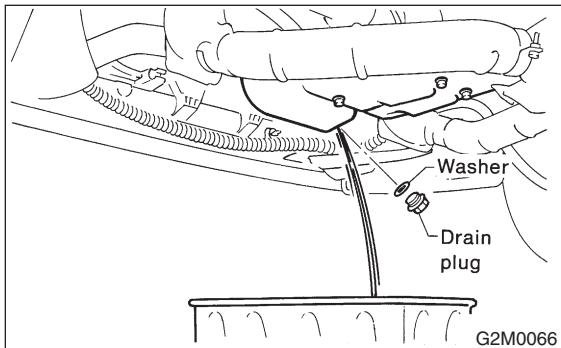
# OIL PAN AND STRAINER

Lubrication

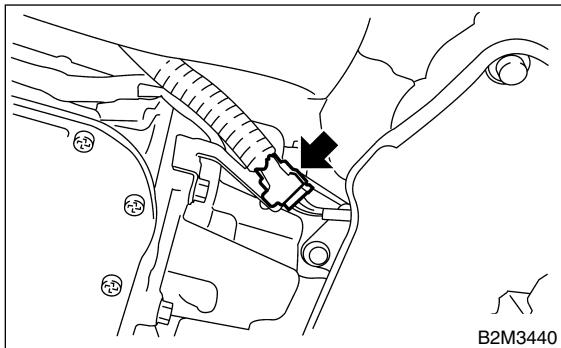
9) Remove under cover.

10) Drain engine oil.

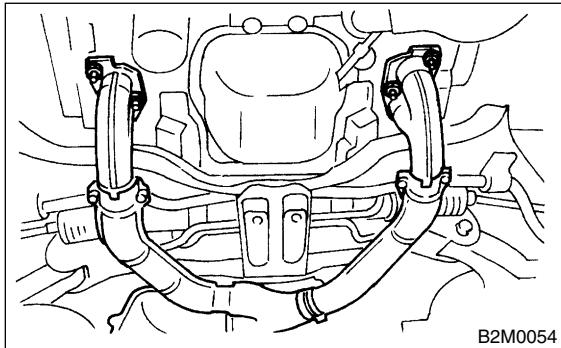
Set container under the vehicle, and remove drain plug from oil pan.



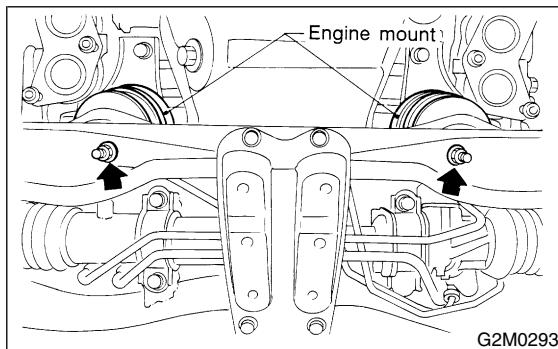
11) Disconnect connector from rear oxygen sensor.



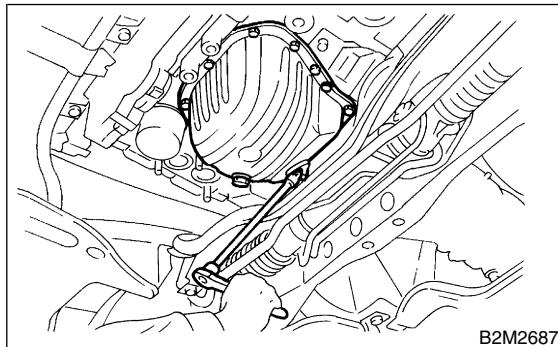
12) Remove front exhaust pipe <Ref. to EX-6 REMOVAL, Front Exhaust Pipe.> and center exhaust pipe. <Ref. to EX-9 REMOVAL, Center Exhaust Pipe.>



13) Remove nuts which install front cushion rubber onto front crossmember.



14) Remove bolts which install oil pan on cylinder block while raising up engine.

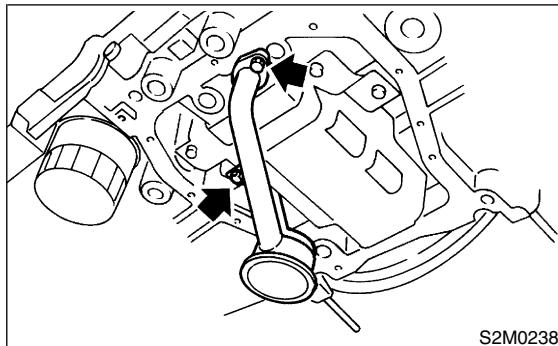


15) Insert oil pan cutter blade between cylinder block-to-oil pan clearance.

**CAUTION:**

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

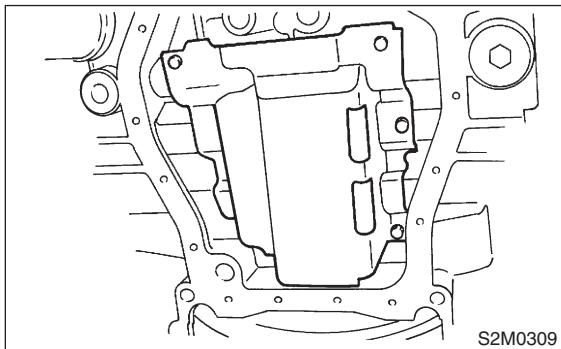
16) Remove oil strainer.



# OIL PAN AND STRAINER

## Lubrication

- 17) Remove baffle plate.



## B: INSTALLATION

S108071A11

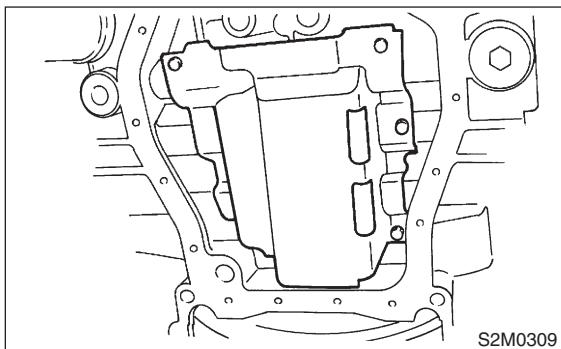
### CAUTION:

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

- 1) Install baffle plate.

### Tightening torque:

6.4 N·m (0.65 kgf·m, 4.7 ft-lb)



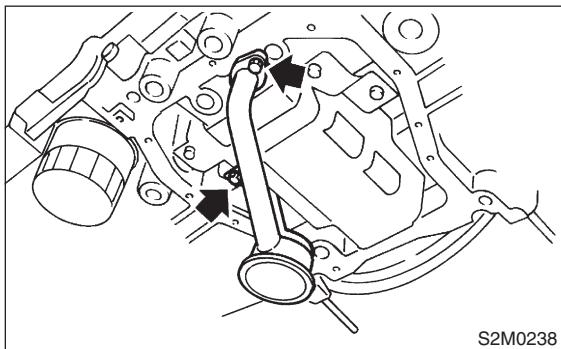
- 2) Install oil strainer onto baffle plate.

### CAUTION:

Replace O-ring with a new one.

### Tightening torque:

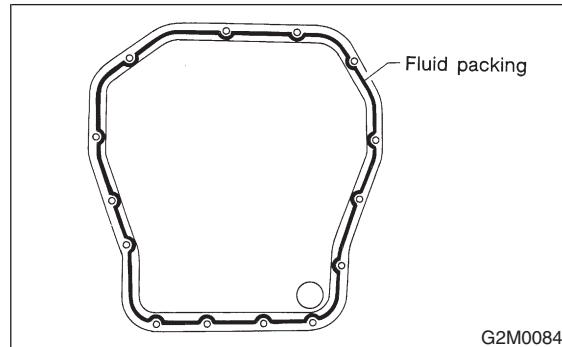
10 N·m (1.0 kgf·m, 7.2 ft-lb)



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

### Fluid packing:

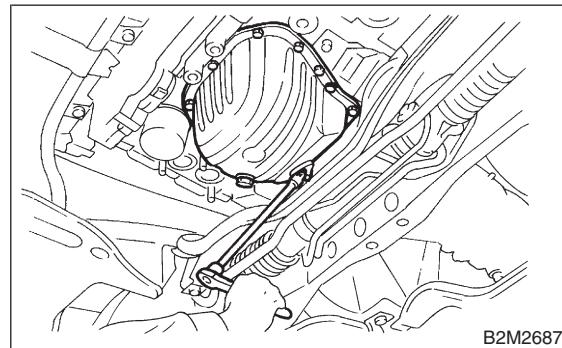
THREE BOND 1215 or equivalent



- 4) Tighten bolts which install oil pan onto engine block.

### Tightening torque:

5 N·m (0.5 kgf·m, 3.6 ft-lb)

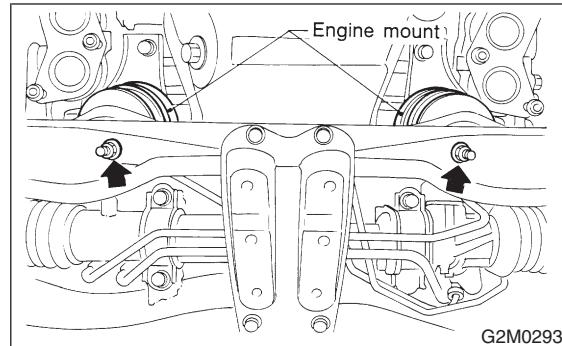


- 5) Lower engine onto front crossmember.

- 6) Tighten nuts which install front cushion rubber onto front crossmember.

### Tightening torque:

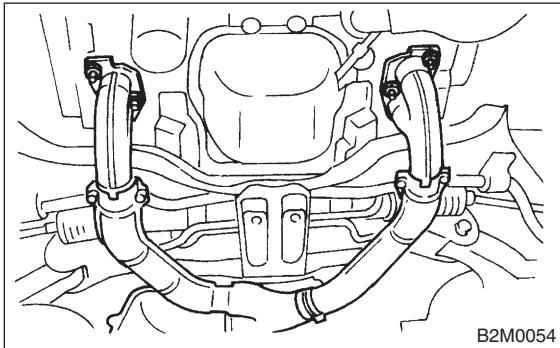
69 N·m (7.0 kgf·m, 51 ft-lb)



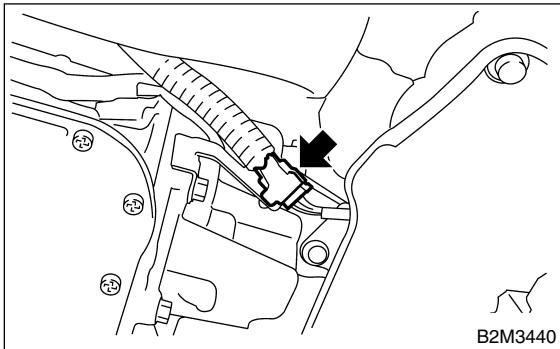
7) Install front exhaust pipe <Ref. to EX-7 INSTALLATION, Front Exhaust Pipe.> and center exhaust pipe assembly. <Ref. to EX-9 INSTALLATION, Center Exhaust Pipe.>

**CAUTION:**

Always use the new gaskets.



8) Connect connector to rear oxygen sensor.



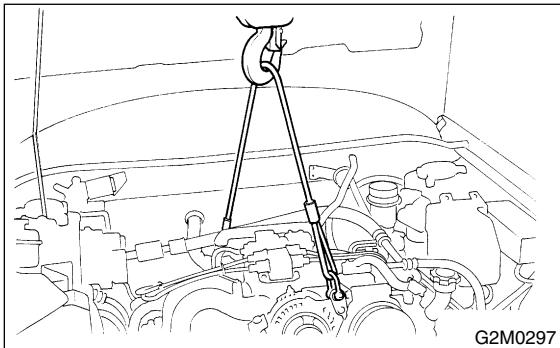
9) Install under cover.

10) Lower the vehicle.

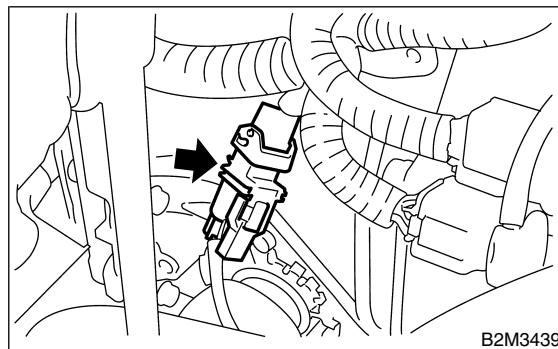
**CAUTION:**

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

11) Remove lifting device and steel cables.



12) Connect connector to front oxygen (A/F) sensor.

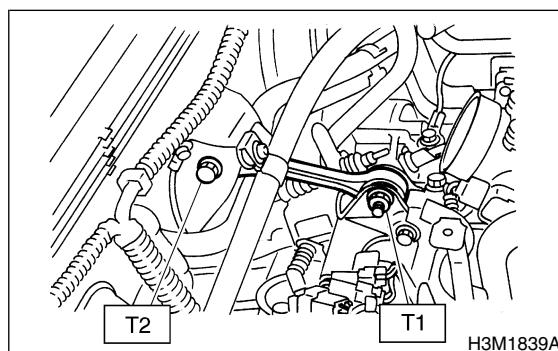


13) Install pitching stopper.

**Tightening torque:**

T1: 49 N·m (5.0 kgf-m, 36.2 ft-lb)

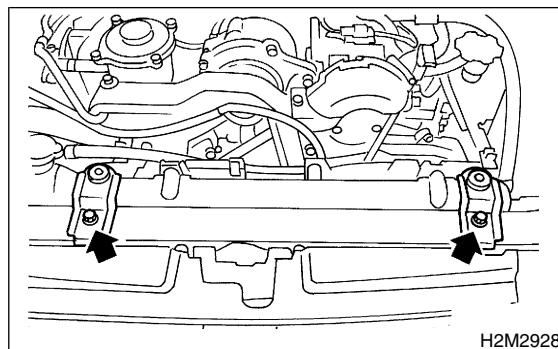
T2: 57 N·m (5.8 kgf-m, 42 ft-lb)



14) Install radiator upper brackets.

**Tightening torque:**

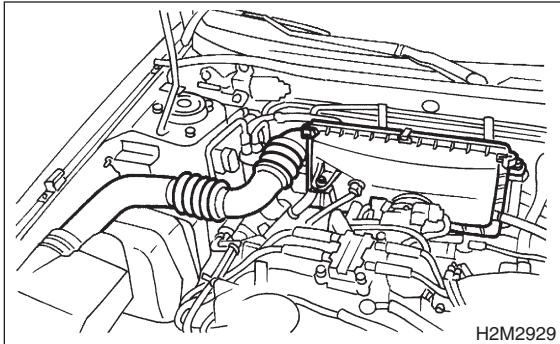
185 N·m (1.8 kgf-m, 13 ft-lb)



## OIL PAN AND STRAINER

### Lubrication

15) Install air intake duct <Ref. to IN-5 INSTALLATION, Air Intake Dust.> and air cleaner assembly. <Ref. to IN-4 INSTALLATION, Air Cleaner Case.>



16) Fill engine oil through filler pipe up to upper point of level gauge.

### C: INSPECTION S108071A10

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