

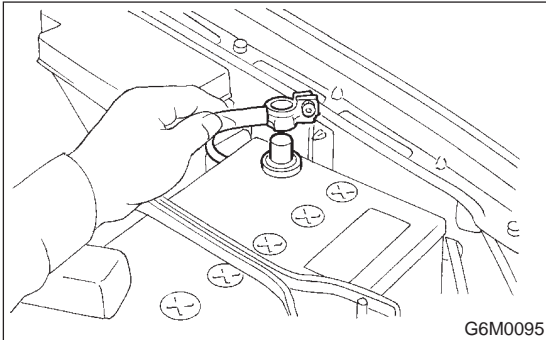
OIL PAN AND STRAINER

Lubrication

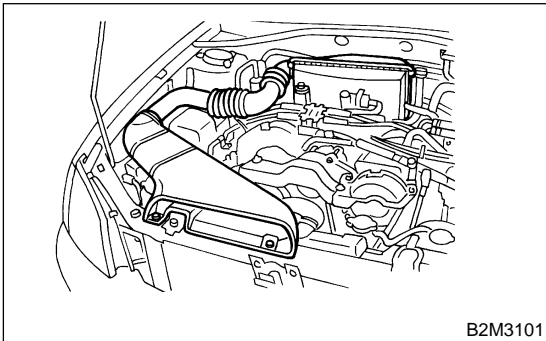
5. Oil Pan and Strainer S108071

A: REMOVAL S108071A18

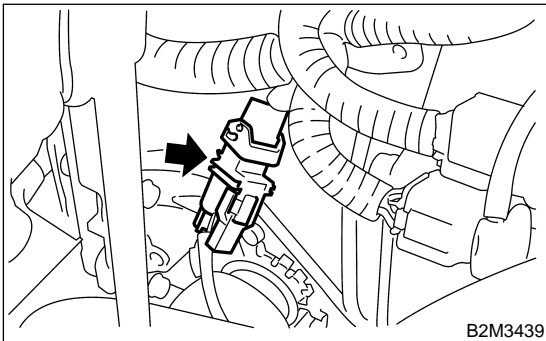
- 1) Set the vehicle on lift arms.
- 2) Remove front wheels.
- 3) Disconnect battery ground cable.



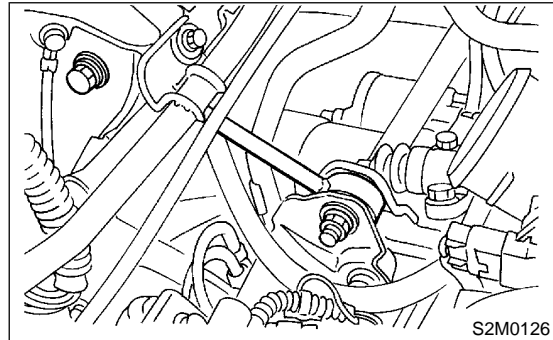
- 4) Remove air intake duct and air cleaner case.
<Ref. to IN(H4)-7 REMOVAL, Air Intake Duct.>



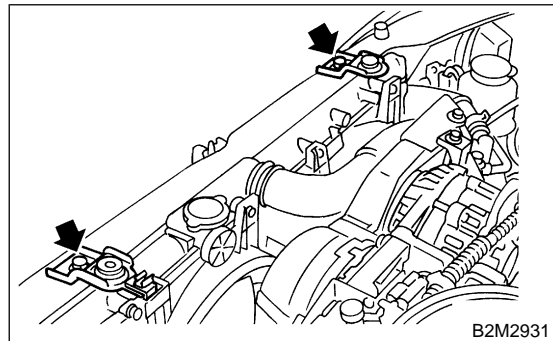
- 5) Disconnect connector from front oxygen (A/F) sensor.



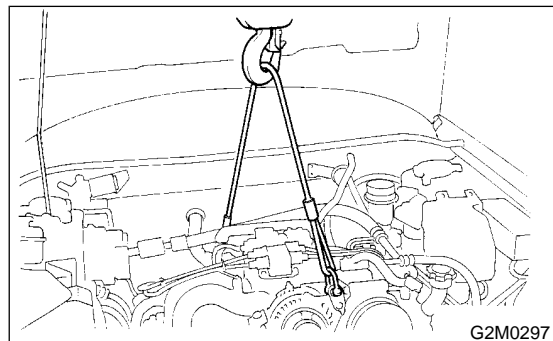
- 6) Remove pitching stopper.



- 7) Remove radiator upper brackets.



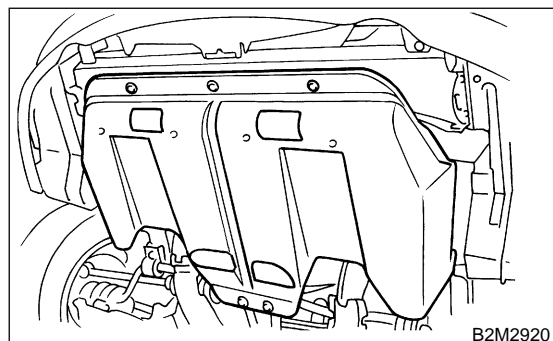
- 8) Support engine with a lifting device and wire ropes.



- 9) Lift-up the vehicle.

CAUTION:
At this time, raise up wire ropes.

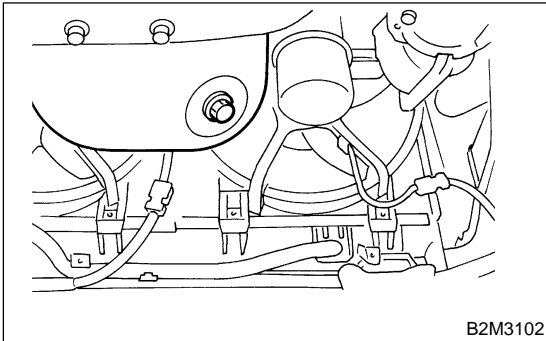
- 10) Remove under cover.



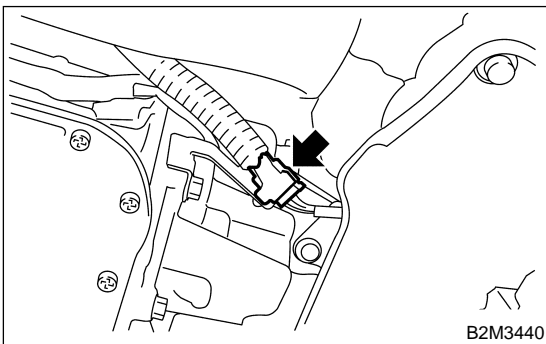
OIL PAN AND STRAINER

Lubrication

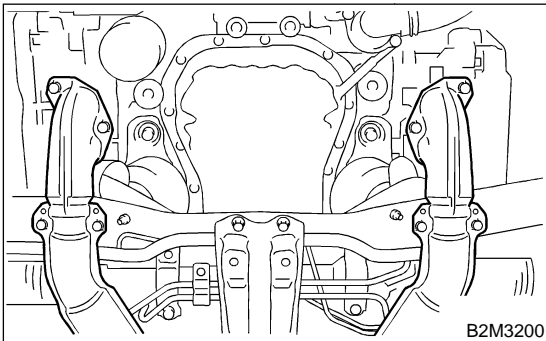
- 11) Drain engine oil.
Set container under the vehicle, and remove drain plug from oil pan.



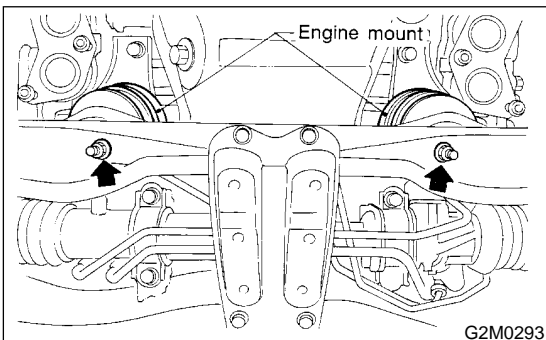
- 12) Disconnect connector from rear oxygen sensor.



- 13) Remove front and center exhaust pipes. <Ref. to EX(H4)-5 REMOVAL, Front Exhaust Pipe.>

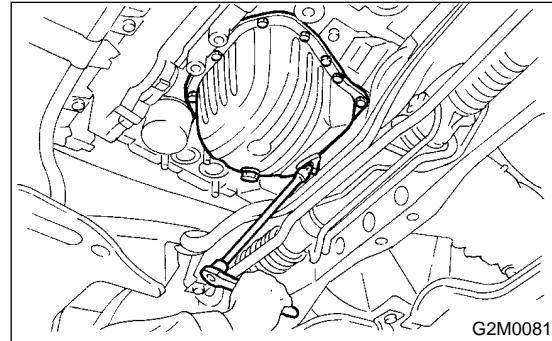


- 14) Remove nuts which install front cushion rubber onto front crossmember.

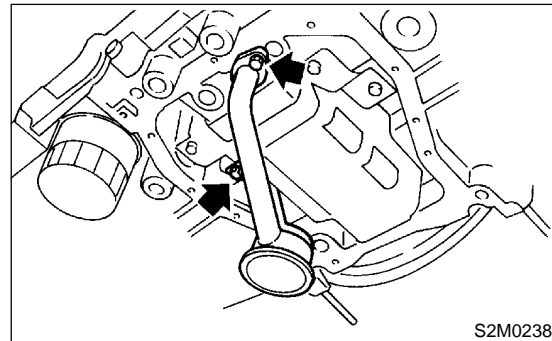


- 15) Remove bolts which install oil pan on cylinder block while raising up engine.
16) Insert oil pan cutter blade between cylinder block-to-oil pan clearance.

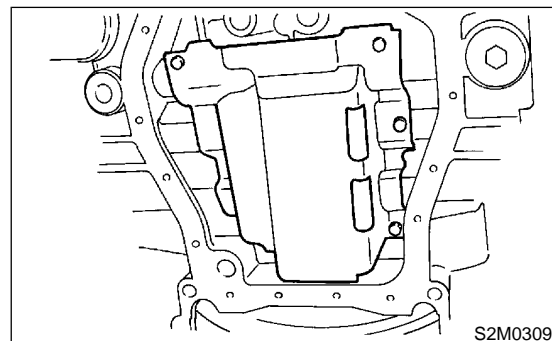
CAUTION:
Do not use a screwdriver or similar tool in place of oil pan cutter.



- 17) Remove oil strainer.



- 18) Remove baffle plate.



OIL PAN AND STRAINER

Lubrication

B: INSTALLATION S108071A11

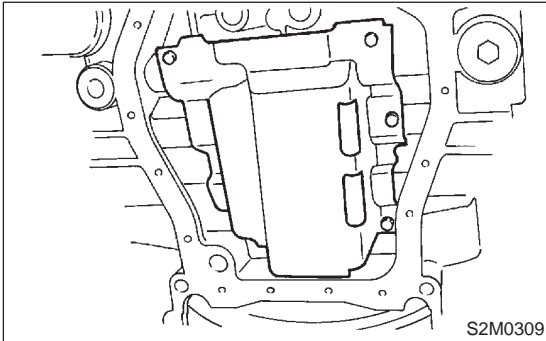
CAUTION:

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)



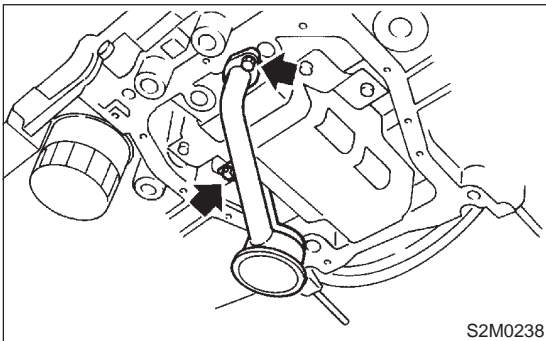
2) Install oil strainer onto baffle plate.

CAUTION:

Replace O-ring with a new one.

Tightening torque:

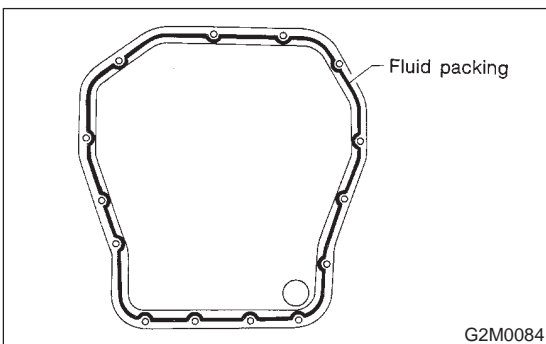
10 N·m (1.0 kgf-m, 7 ft-lb)



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

Fluid packing:

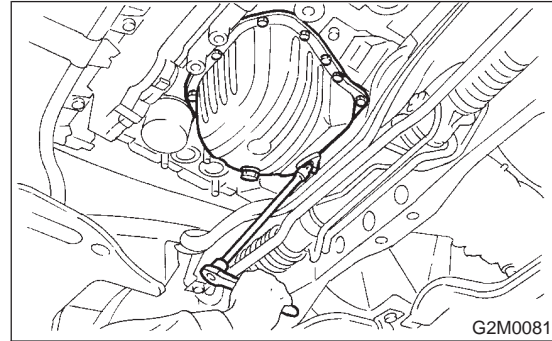
THREE BOND 1215 or equivalent



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

Tightening torque:

5 N·m (0.5 kgf-m, 3.6 ft-lb)

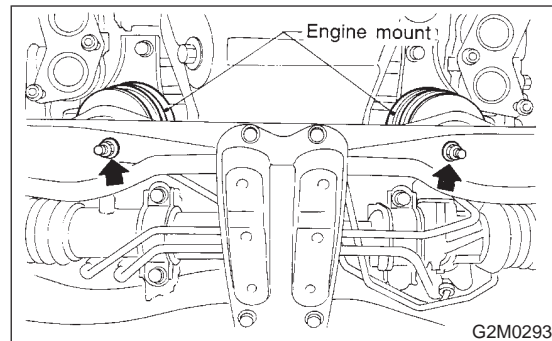


5) Lower engine onto front crossmember.

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

Tightening torque:

69 N·m (7.0 kgf-m, 51 ft-lb)

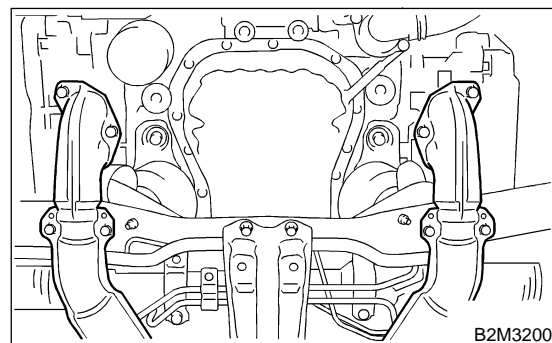


7) Install front and center exhaust pipes.

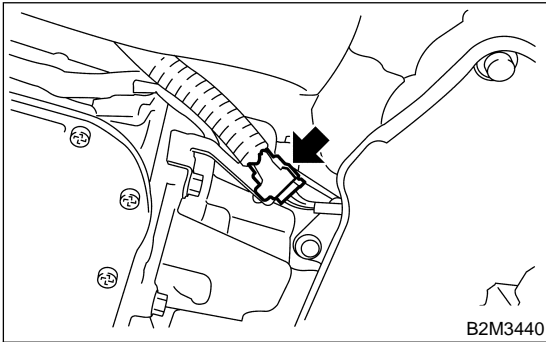
<Ref. to EX(H4)-6 INSTALLATION, Front Exhaust Pipe.>

CAUTION:

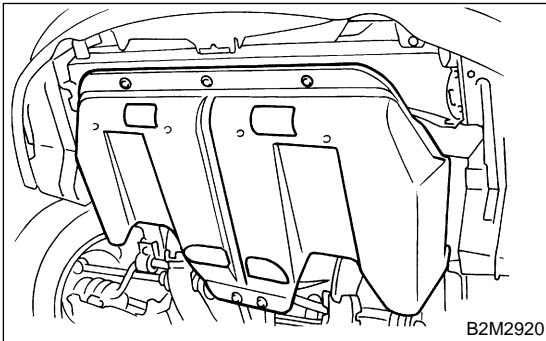
Always use the new gaskets.



8) Connect connector to rear oxygen sensor.



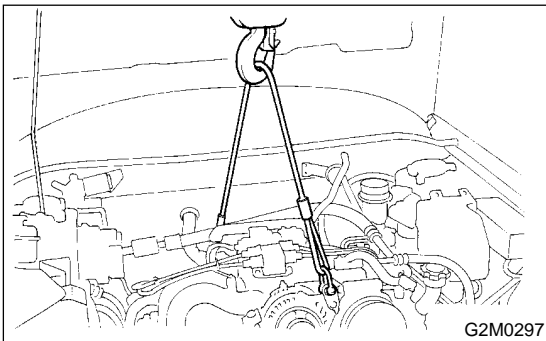
9) Install under cover.



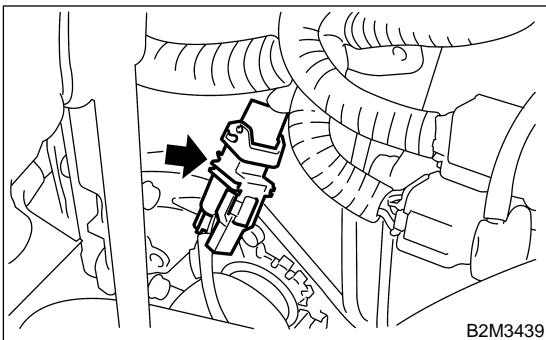
10) Lower the vehicle.

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.

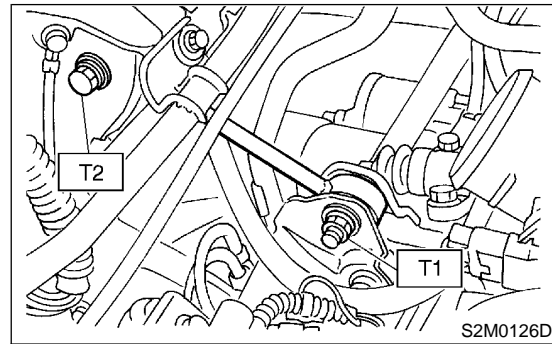


13) Install pitching stopper.

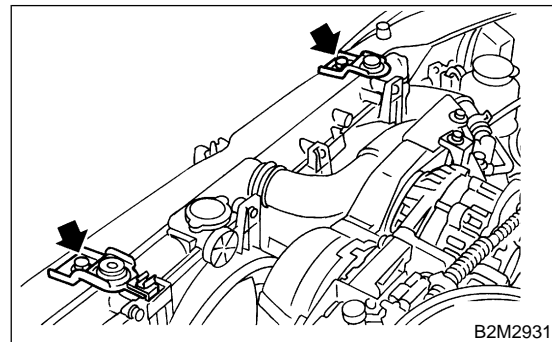
Tightening torque:

T1: 49 N·m (5.0 kgf-m, 36.2 ft-lb)

T2: 57 N·m (5.8 kgf-m, 42 ft-lb)

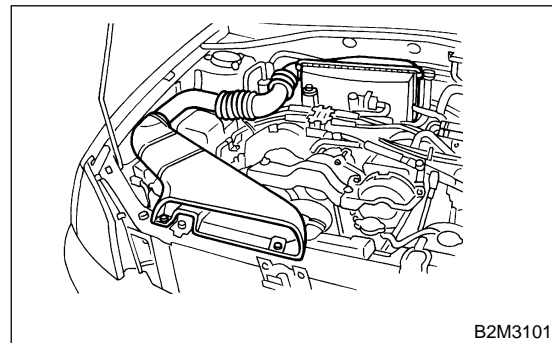


14) Install radiator upper brackets.



15) Install air intake duct.

<Ref. to IN(H4)-7 INSTALLATION, Air Intake Duct.>

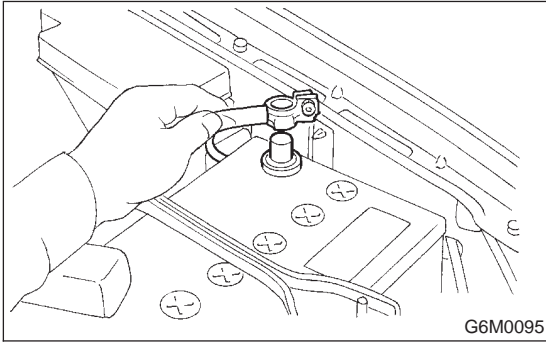


16) Install front wheels.

OIL PAN AND STRAINER

Lubrication

17) Connect battery ground cable.



18) Fill engine oil. <Ref. to LU(H4)-7 INSPECTION, Engine Oil.>

C: INSPECTION S108071A10

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

LU(H4)-18