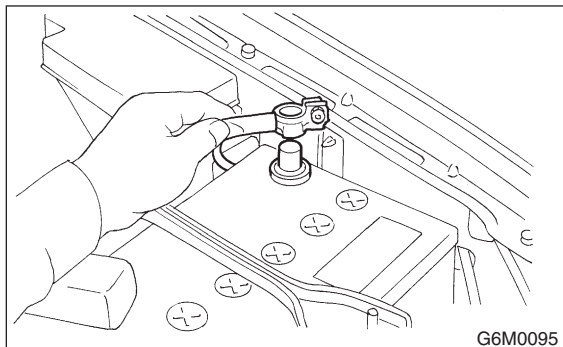


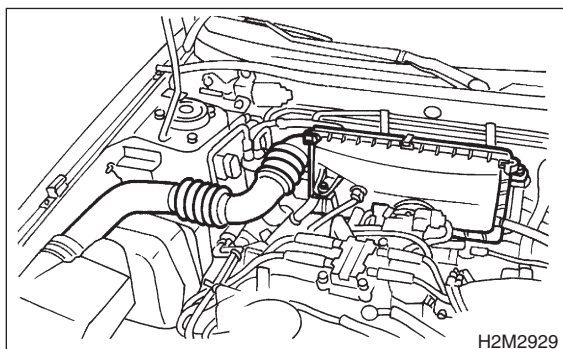
3. Oil Pan and Strainer S108071**A: REMOVAL** S108071A18

- 1) Disconnect battery ground cable.

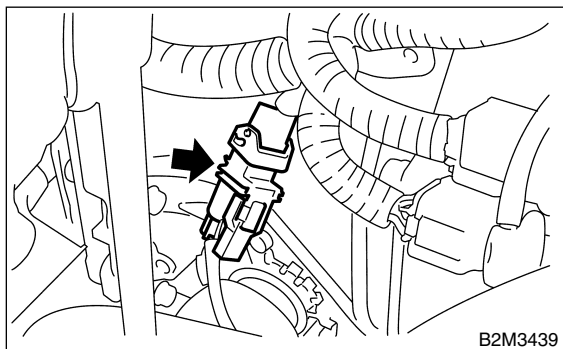


- 2) Remove front wheels.

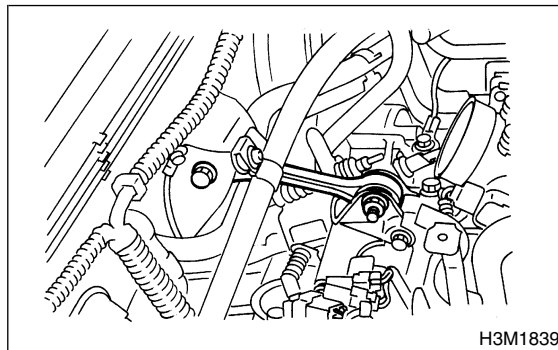
- 3) Remove air intake duct <Ref. to IN-5 REMOVAL, Air Intake Duct.> and air cleaner assembly. <Ref. to IN-4 REMOVAL, Air Cleaner Case.>



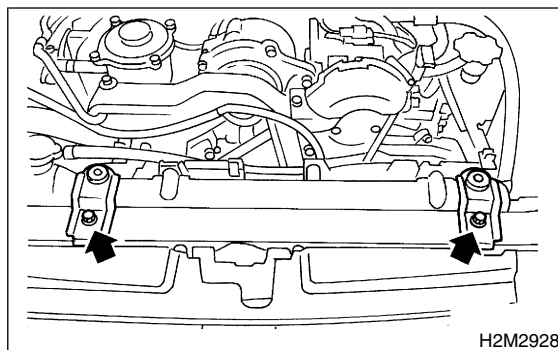
- 4) Disconnect front oxygen (A/F) sensor connector.



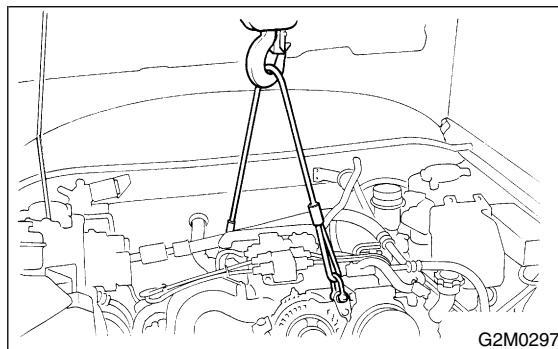
- 5) Remove pitching stopper.



- 6) Remove radiator upper bracket.



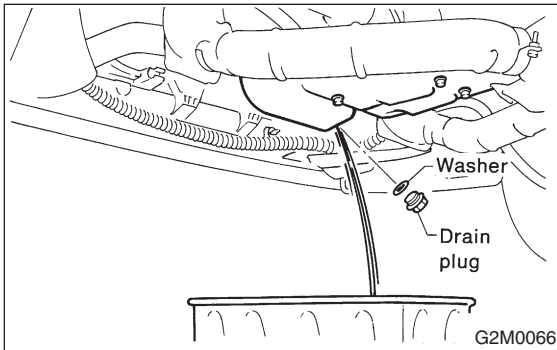
- 7) Support engine with a lifting device and wire ropes.



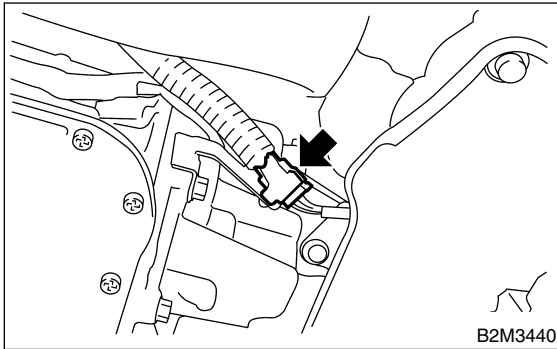
- 8) Lift-up the vehicle.

CAUTION:
At this time, raise up wire ropes.

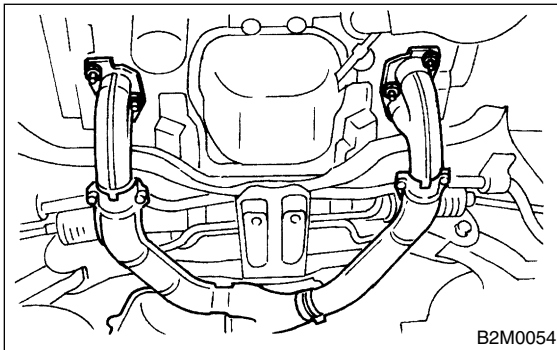
- 9) Remove under cover.
- 10) Drain engine oil.
Set container under the vehicle, and remove drain plug from oil pan.



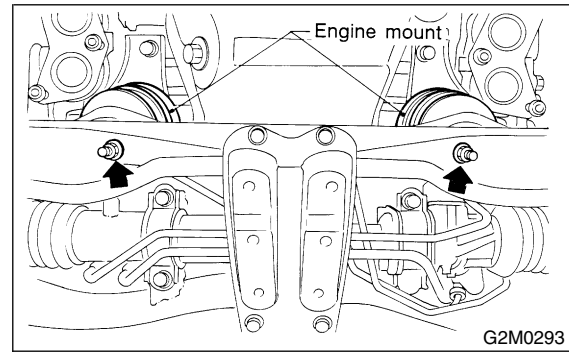
- 11) Disconnect connector from rear oxygen sensor.



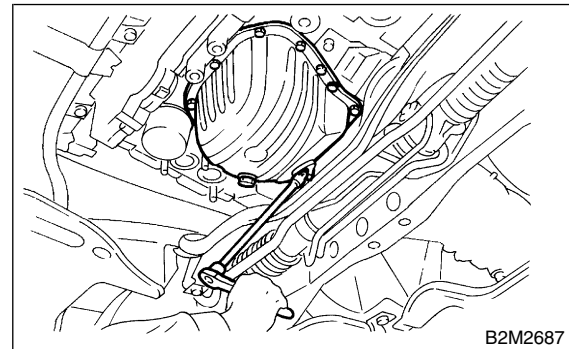
- 12) Remove front exhaust pipe <Ref. to EX-6 REMOVAL, Front Exhaust Pipe.> and center exhaust pipe. <Ref. to EX-9 REMOVAL, Center Exhaust Pipe.>



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



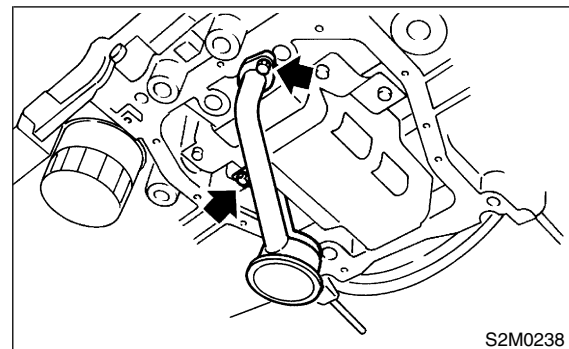
- 14) Remove bolts which install oil pan on cylinder block while raising up engine.



- 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.

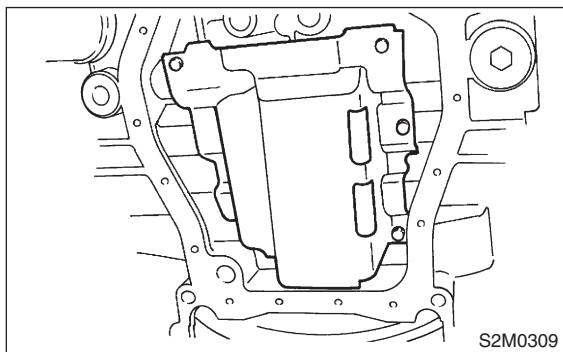
- 16) Remove oil strainer.



OIL PAN AND STRAINER

Lubrication

- 17) Remove baffle plate.



B: INSTALLATION

S108071A11

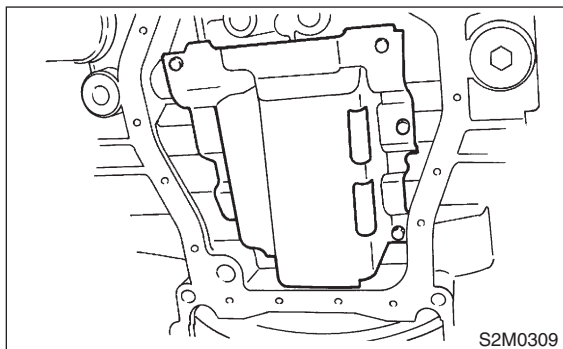
CAUTION:

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)



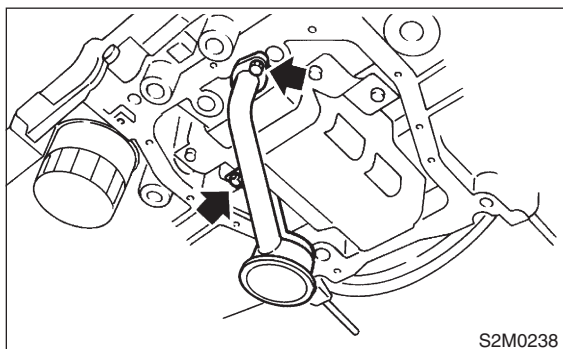
- 2) Install oil strainer onto baffle plate.

CAUTION:

Replace O-ring with a new one.

Tightening torque:

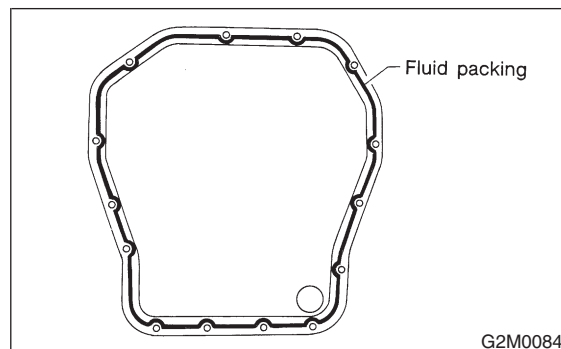
10 N·m (1.0 kgf-m, 7.2 ft-lb)



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

Fluid packing:

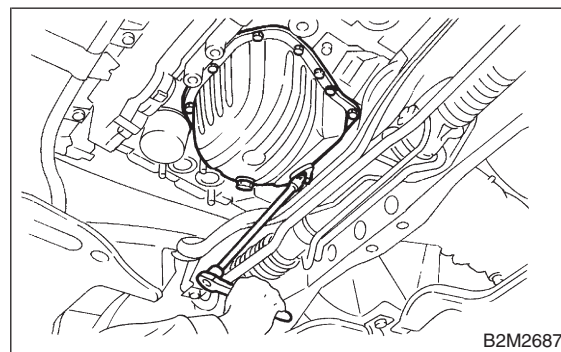
THREE BOND 1215 or equivalent



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

Tightening torque:

5 N·m (0.5 kgf-m, 3.6 ft-lb)

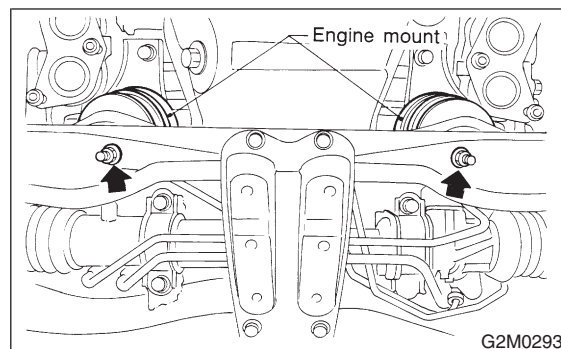


- 5) Lower engine onto front crossmember.

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

Tightening torque:

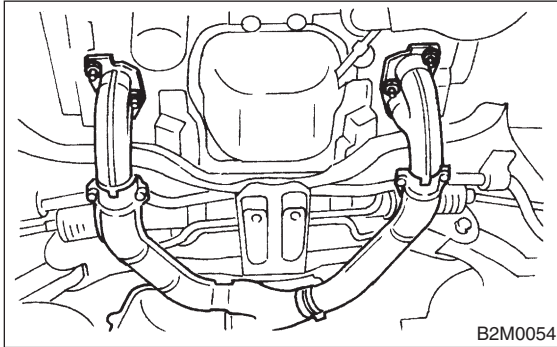
69 N·m (7.0 kgf-m, 51 ft-lb)



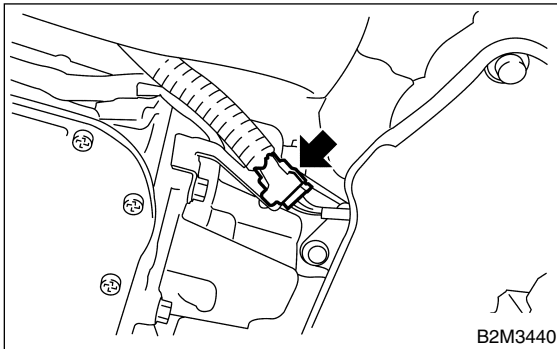
7) Install front exhaust pipe <Ref. to EX-7 INSTALLATION, Front Exhaust Pipe.> and center exhaust pipe assembly. <Ref. to EX-9 INSTALLATION, Center Exhaust Pipe.>

CAUTION:

Always use the new gaskets.



8) Connect connector to rear oxygen sensor.



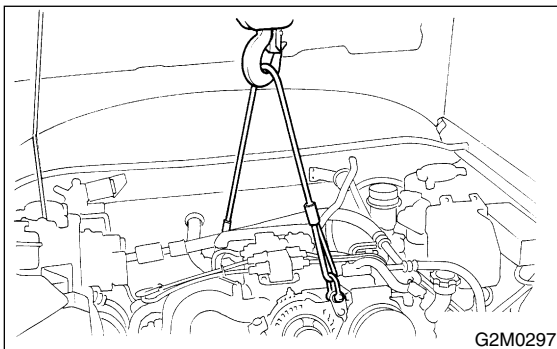
9) Install under cover.

10) Lower the vehicle.

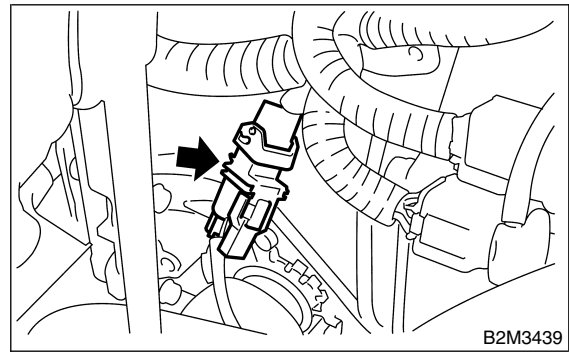
CAUTION:

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.

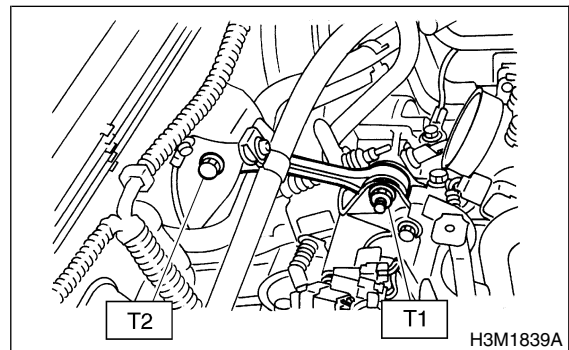


13) Install pitching stopper.

Tightening torque:

T1: 49 N·m (5.0 kgf-m, 36.2 ft-lb)

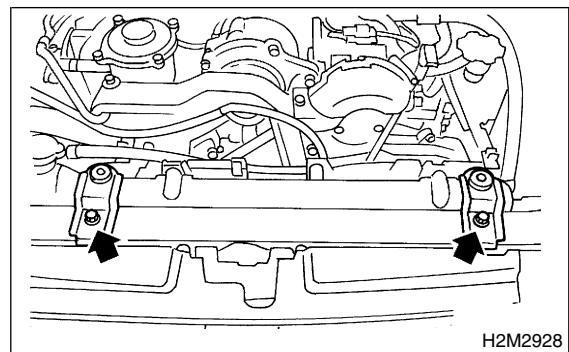
T2: 57 N·m (5.8 kgf-m, 42 ft-lb)



14) Install radiator upper brackets.

Tightening torque:

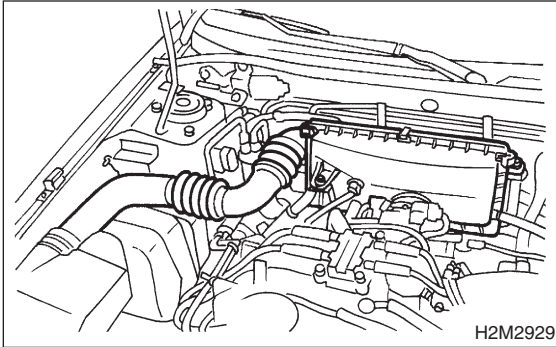
185 N·m (1.8 kgf-m, 13 ft-lb)



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.