

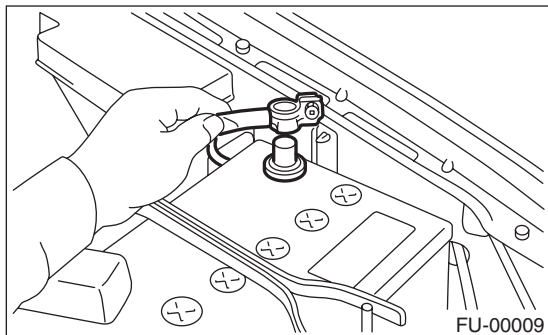
Turbocharger

INTAKE (INDUCTION)

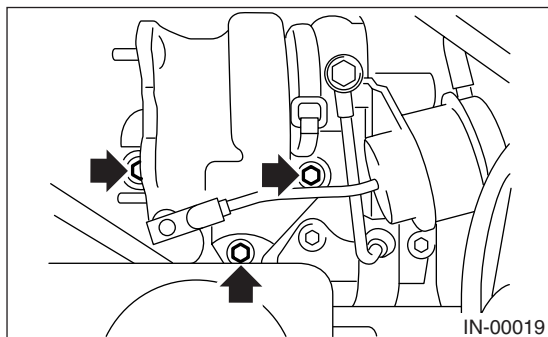
6. Turbocharger

A: REMOVAL

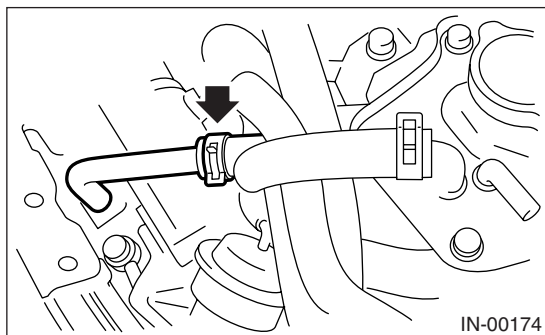
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.



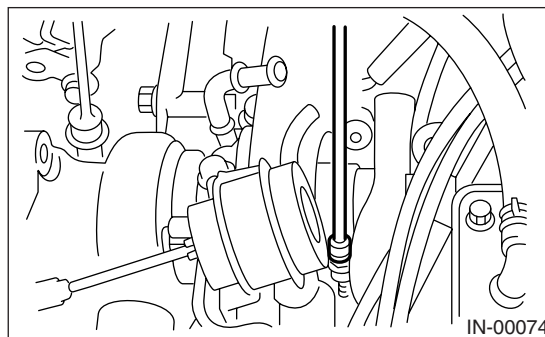
- 3) Remove the collector cover.
- 4) Remove the center exhaust pipe. <Ref. to EX(H4DOTC)-7, REMOVAL, Center Exhaust Pipe.>
- 5) Lower the vehicle.
- 6) Separate the turbocharger joint pipe from turbocharger.



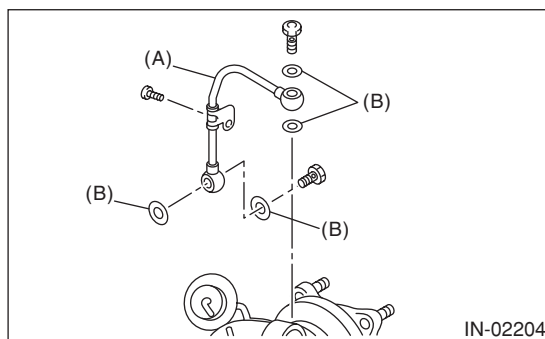
- 7) Disconnect the engine coolant hose which is connected to coolant filler tank.



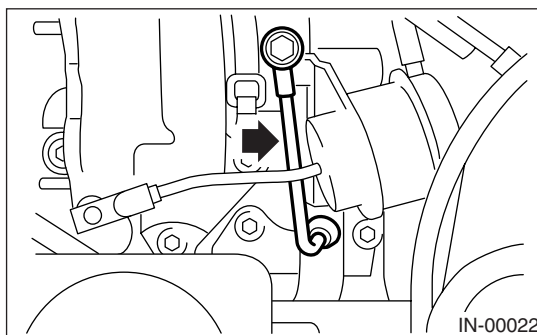
- 8) Loosen the clamp which secures turbocharger to intake duct.



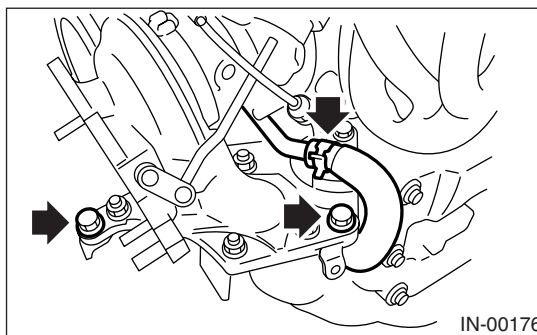
- 9) Remove the bolts which secure oil pipe bracket to turbocharger.
- 10) Remove the oil inlet pipe from turbocharger.



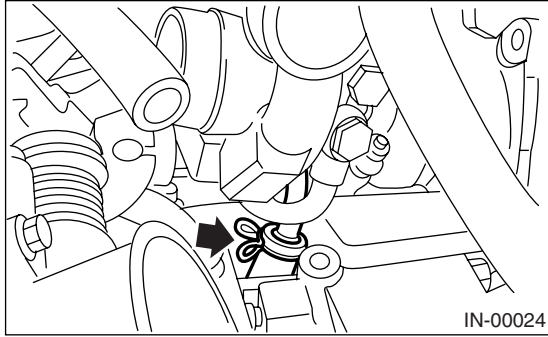
- (A) Oil inlet pipe
(B) Metal gasket



- 11) Remove the turbocharger bracket.



- 12) Disconnect the oil outlet hose from pipe.



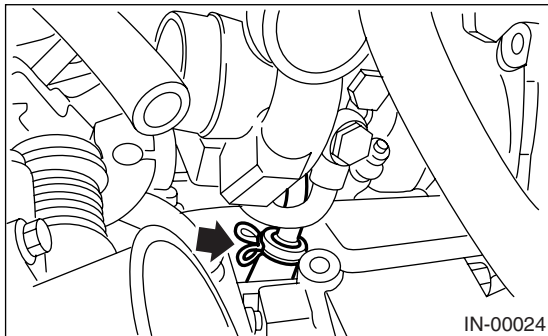
- 13) Take out the turbocharger from engine compartment.

B: INSTALLATION

CAUTION:

When replacing the turbocharger, check the filter part of union screw for clogging. <Ref. to LU(H4SO)-24, INSPECTING UNION SCREW WITH FILTER, INSPECTION, Oil Pipe.>

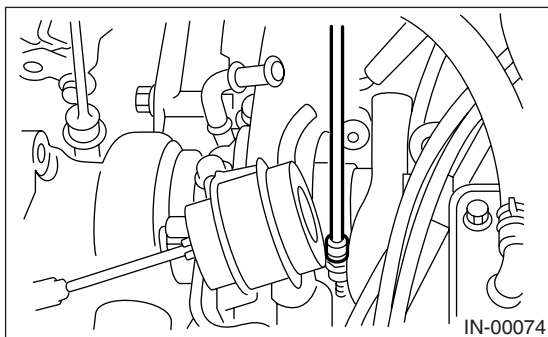
- 1) Connect the oil outlet hose to outlet pipe.



- 2) Install the turbocharger to intake duct.

Tightening torque:

3 N·m (0.3 kgf-m, 2.2 ft-lb)



- 3) Install the oil inlet pipe to turbocharger.

NOTE:

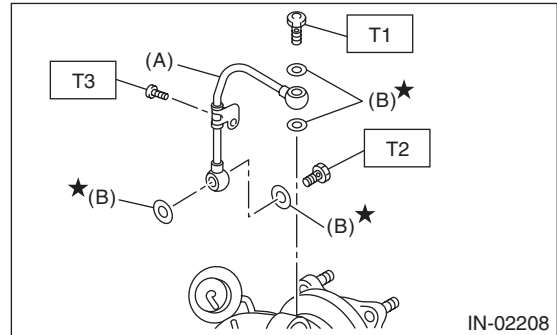
Use a new gasket.

Tightening torque:

T1: 16 N·m (1.6 kgf-m, 11.6 ft-lb)

T2: 29 N·m (3.0 kgf-m, 21.7 ft-lb)

T3: 4.9 N·m (0.50 kgf-m, 3.6 ft-lb)



(A) Oil inlet pipe

(B) Metal gasket

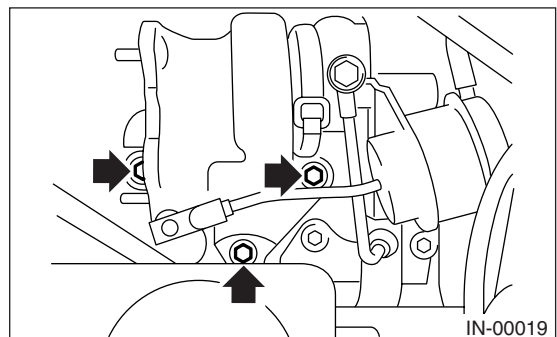
- 4) Install the joint pipe to turbocharger.

NOTE:

Use a new gasket.

Tightening torque:

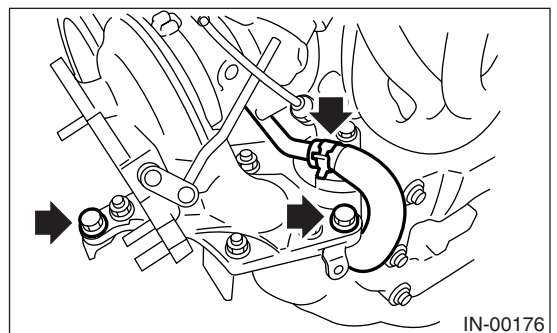
35 N·m (3.6 kgf-m, 25.8 ft-lb)



- 5) Install the turbocharger bracket.

Tightening torque:

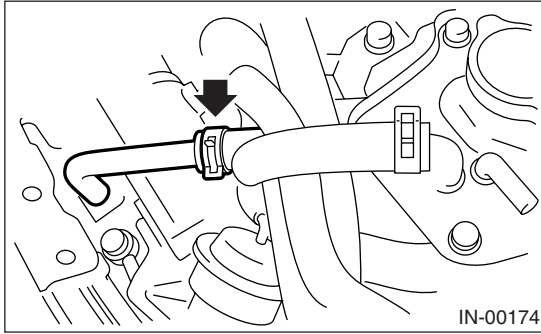
33 N·m (3.4 kgf-m, 24.6 ft-lb)



Turbocharger

INTAKE (INDUCTION)

6) Connect the engine coolant hose which is connected to the coolant filler tank.



7) Lift-up the vehicle.

8) Install the center exhaust pipe. <Ref. to EX(H4DOTC)-8, INSTALLATION, Center Exhaust Pipe.>