

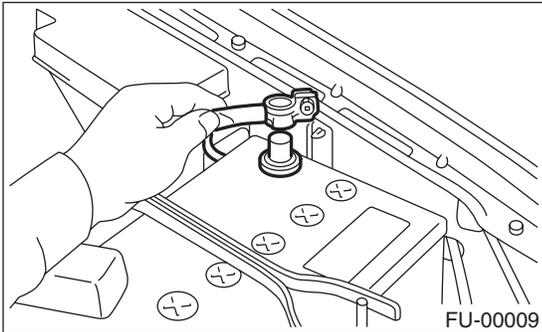
TURBOCHARGER

INTAKE (INDUCTION)

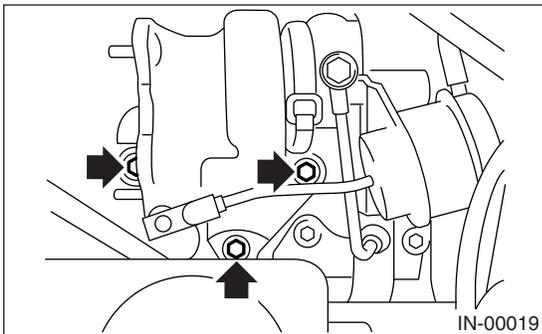
6. Turbocharger

A: REMOVAL

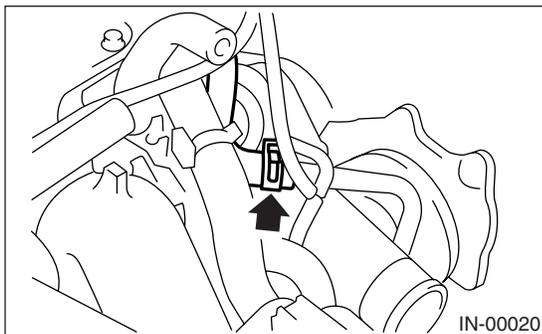
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.



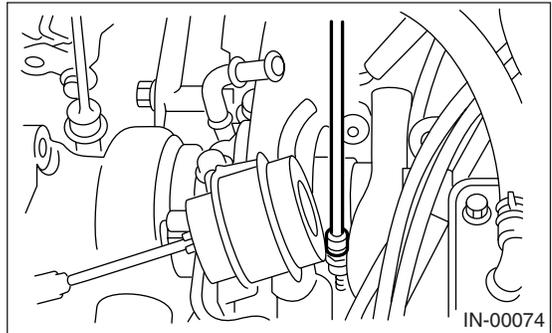
- 3) Remove the center exhaust pipe. <Ref. to EX(H4DOTC)-8, REMOVAL, Center Exhaust Pipe.>
- 4) Lower the vehicle.
- 5) Separate the turbocharger joint pipe from turbocharger.



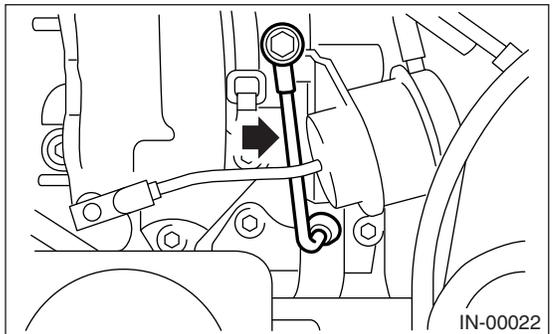
- 6) Disconnect the engine coolant hose which is connected to coolant filler tank.



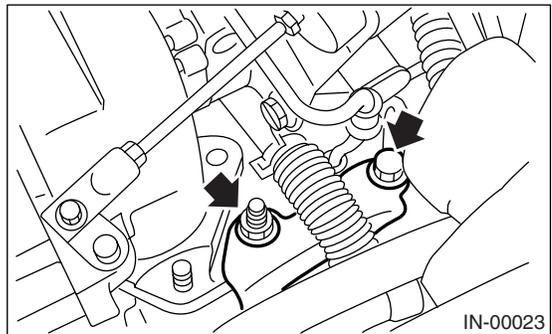
- 7) Loosen the clamp which secures turbocharger to intake duct.



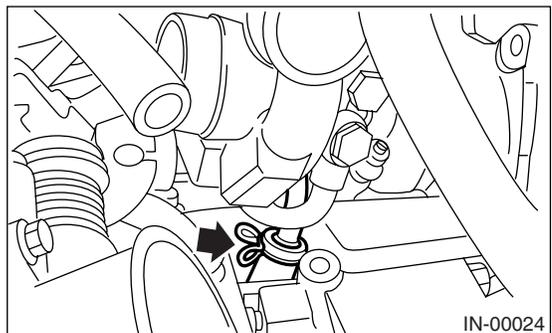
- 8) Remove the bolt which secures bracket of oil pipe to turbocharger.
- 9) Remove the oil pipe from turbocharger.



- 10) Remove the turbocharger bracket.



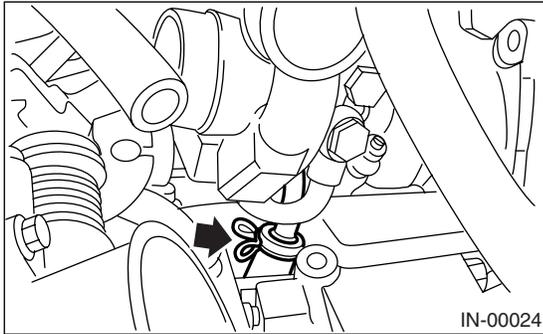
- 11) Disconnect the oil outlet hose from pipe.



- 12) Take out the turbocharger from engine compartment.

B: INSTALLATION

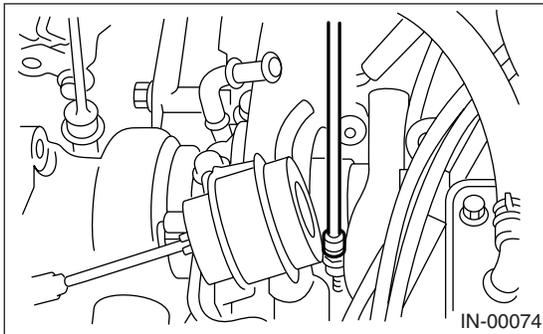
1) Connect the oil outlet hose to outlet pipe.



2) Install the turbocharger to intake duct.

Tightening torque:

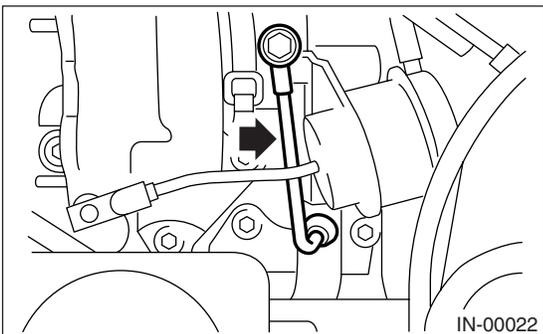
3 N·m (0.3 kgf-m, 2.2 ft-lb)



3) Install the oil pipe to turbocharger.

Tightening torque:

16 N·m (1.6 kgf-m, 11.6 ft-lb)



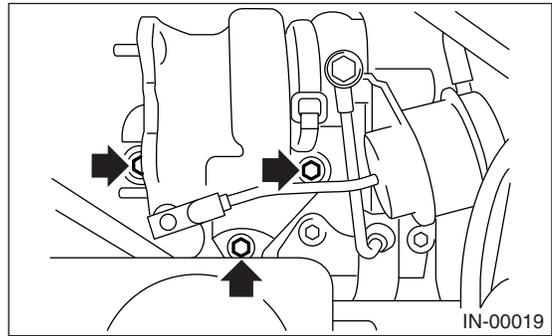
4) Install the joint pipe to turbocharger.

NOTE:

Replace the gasket with a new one.

Tightening torque:

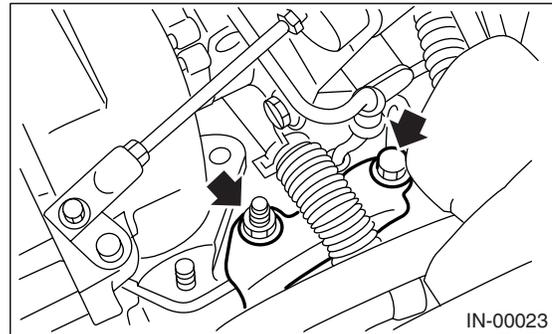
30 N·m (3.1 kgf-m, 22.4 ft-lb)



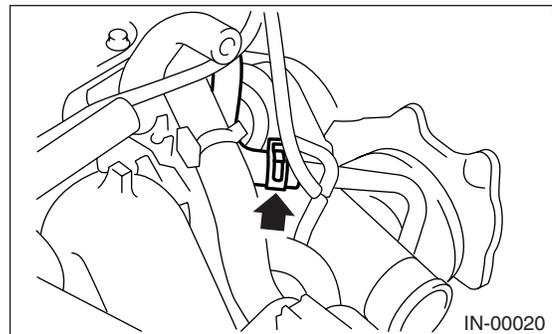
5) Install the turbocharger bracket.

Tightening torque:

33 N·m (3.4 kgf-m, 24.6 ft-lb)



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



7) Lift-up the vehicle.

8) Install the center exhaust pipe. <Ref. to EX(H4DOTC)-9, INSTALLATION, Center Exhaust Pipe.>