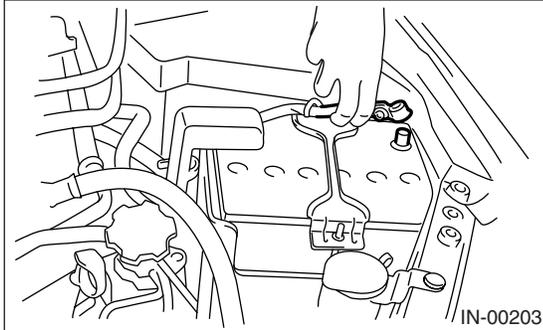


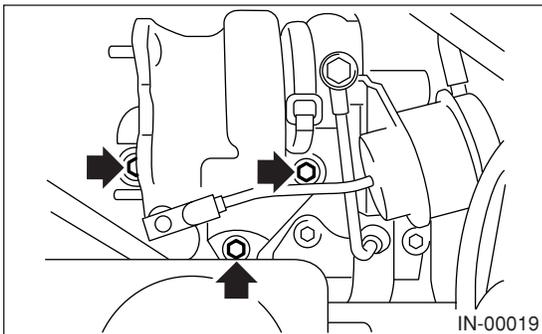
8. Turbocharger

A: REMOVAL

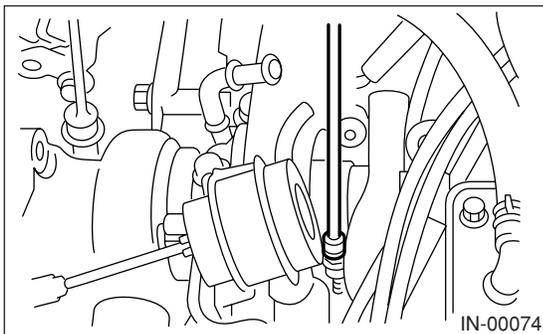
- 1) Set the vehicle on a lift.
- 2) Remove the collector cover.
- 3) Disconnect the ground cable from battery.



- 4) Remove the intercooler. <Ref. to IN(H4DOTC)-12, REMOVAL, Intercooler.>
- 5) Remove the intercooler bracket RH.
- 6) Remove the center exhaust pipe. <Ref. to EX(H4DOTC)-8, REMOVAL, Center Exhaust Pipe.>
- 7) Lower the vehicle.
- 8) Separate the turbocharger joint pipe from turbocharger.

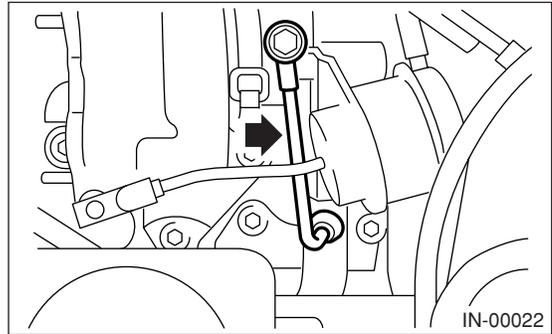


- 9) Disconnect the engine coolant hose which is connected to coolant filler tank.
- 10) Loosen the clamp which secures turbocharger to intake duct.

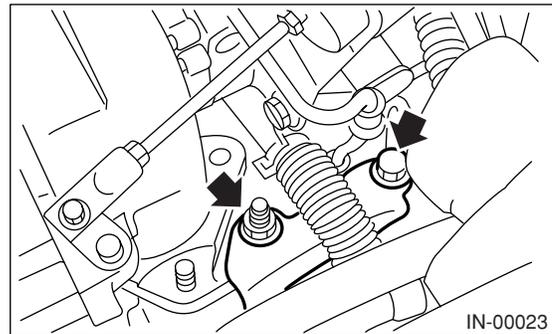


- 11) Remove the bolt which secures bracket of oil pipe to turbocharger.

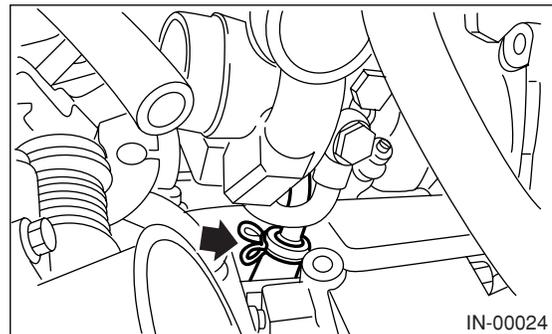
- 12) Remove the oil pipe from turbocharger.



- 13) Remove the turbocharger bracket.



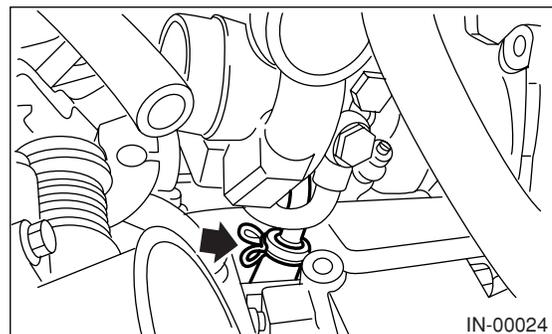
- 14) Disconnect the oil outlet hose from pipe.



- 15) Take out the turbocharger from engine compartment.

B: INSTALLATION

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

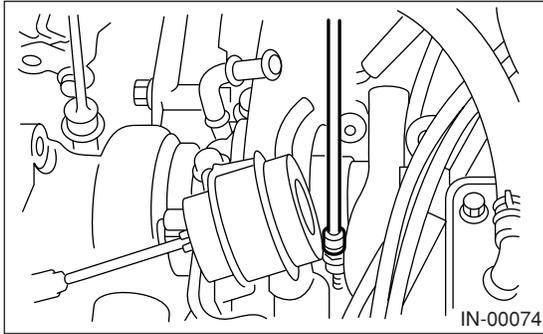


- 2) Install the turbocharger to intake duct.

Turbocharger

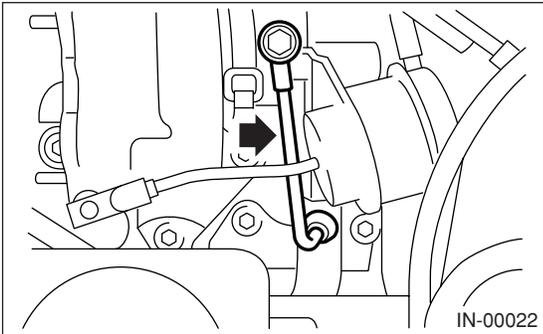
INTAKE (INDUCTION)

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)

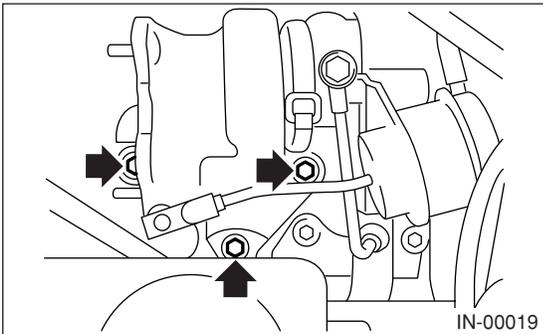


4) Install the joint pipe to turbocharger.

NOTE:

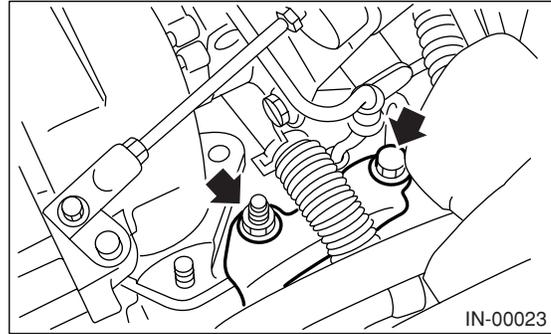
Replace the gasket with a new one.

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.>

9) Install the intercooler bracket RH.

10) Install the intercooler. <Ref. to IN(H4DOTC)-12, INSTALLATION, Intercooler.>

11) Install the collector cover.