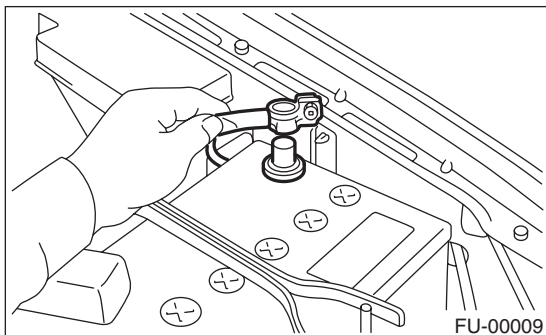


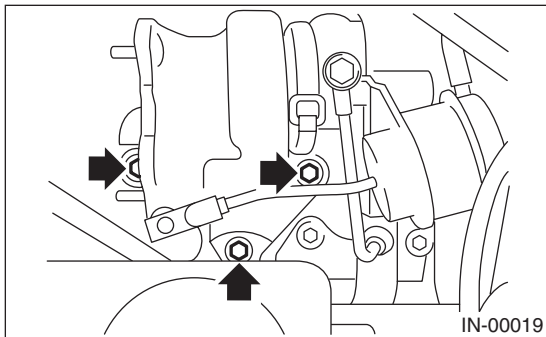
## 7. Turbocharger

### A: REMOVAL

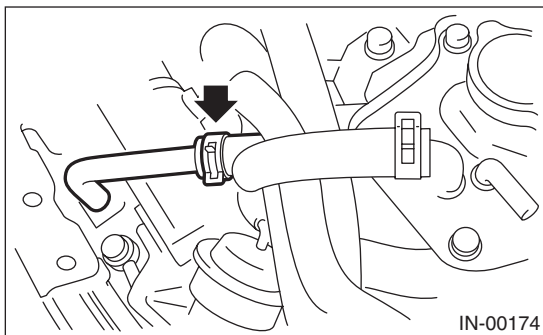
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from the battery.



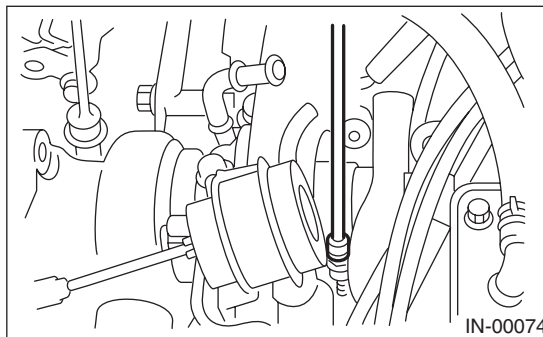
- 3) Remove the collector cover.
- 4) Remove the center exhaust pipe. <Ref. to EX(H4DOTC)-8, REMOVAL, Center Exhaust Pipe.>
- 5) Lower the vehicle.
- 6) Separate the turbocharger joint pipe from turbocharger.



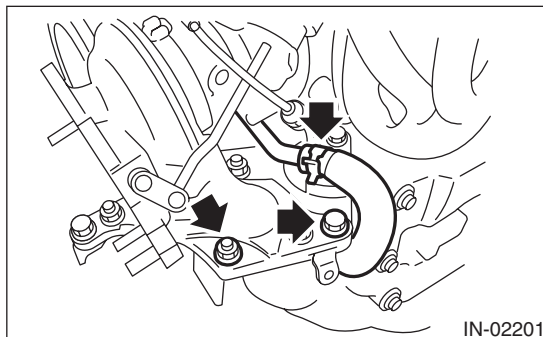
- 7) Disconnect the engine coolant hose which is connected to coolant filler tank.



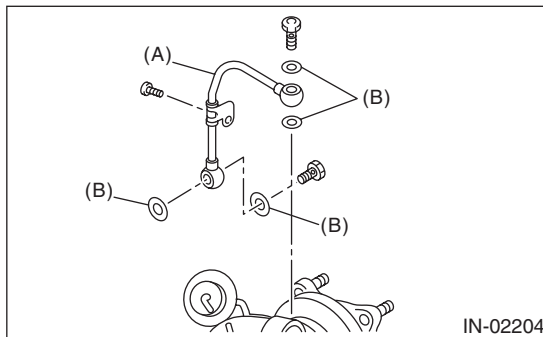
- 8) Loosen the clamp which secures turbocharger to intake duct.



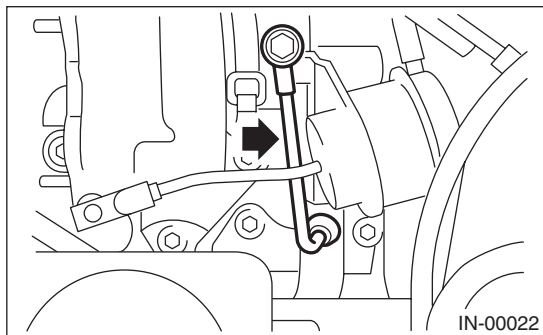
- 9) Disconnect the engine coolant hoses from pipe, and remove the turbocharger bracket RH.



- 10) Remove the oil inlet pipe from turbocharger.



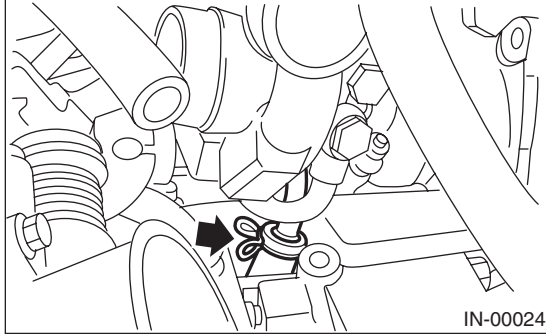
- (A) Oil inlet pipe
- (B) Metal gasket



# Turbocharger

## INTAKE (INDUCTION)

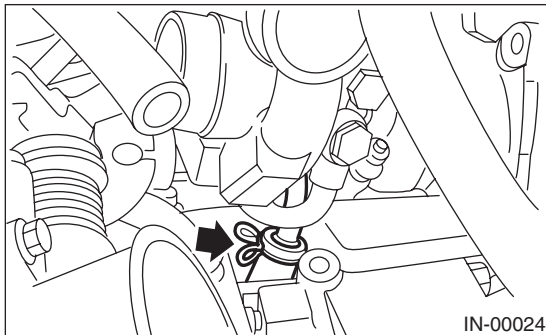
- 11) Disconnect the oil outlet hose from pipe.



- 12) Take out the turbocharger from engine compartment.

### B: INSTALLATION

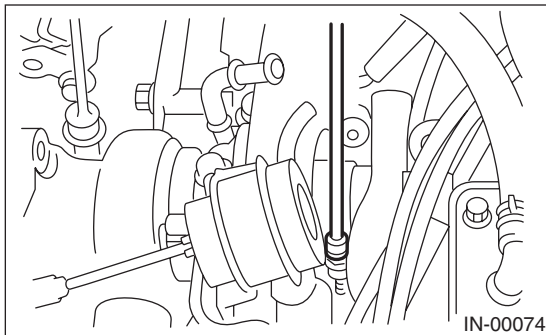
- 1) Connect the oil outlet hose to outlet pipe.



- 2) Install the turbocharger to intake duct.

**Tightening torque:**

**3 N·m (0.3 kgf-m, 2.2 ft-lb)**



- 3) Install the oil inlet pipe to turbocharger.

**NOTE:**

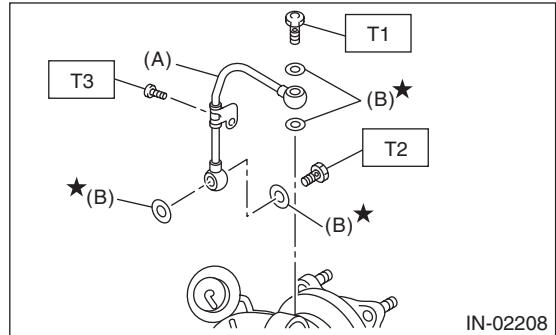
Use a new gasket.

**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)**



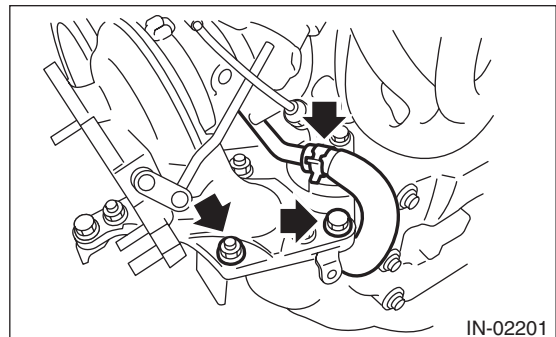
(A) Oil inlet pipe

(B) Metal gasket

- 4) Install the turbocharger bracket RH and connect the engine coolant hoses to the pipe.

**Tightening torque:**

**33 N·m (3.4 kgf-m, 24.6 ft-lb)**



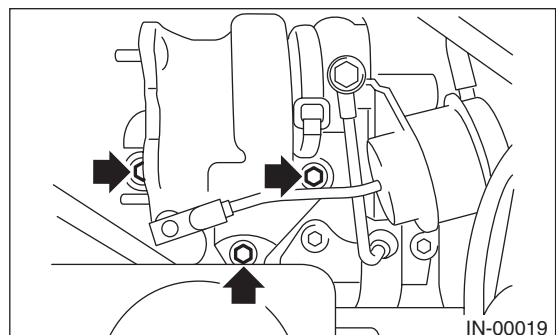
- 5) Install the joint pipe to turbocharger.

**NOTE:**

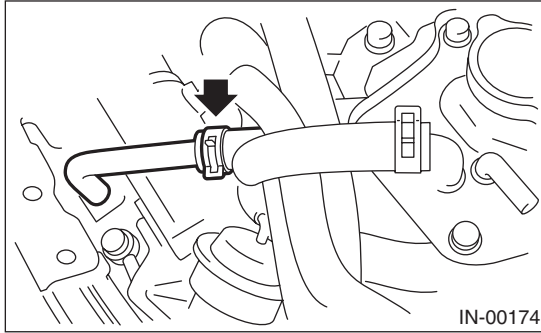
Use a new gasket.

**Tightening torque:**

**35 N·m (3.6 kgf-m, 25.8 ft-lb)**



- 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)-9, INSTALLATION, Center Exhaust Pipe.>