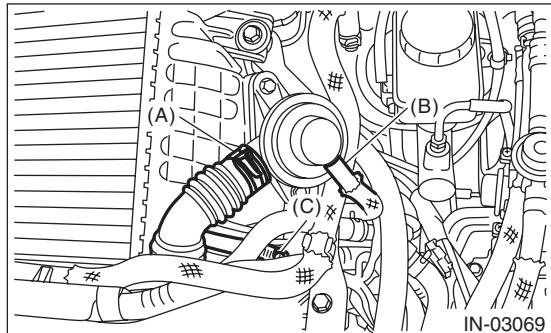


INTAKE (INDUCTION)

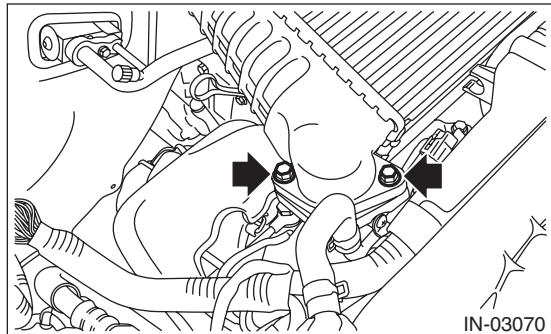
6. Intercooler

A: REMOVAL

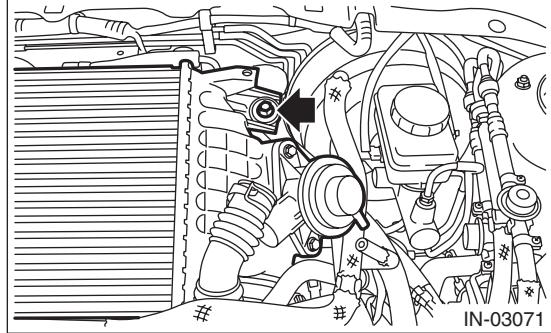
- 1) Disconnect the air by-pass pipe (A) and vacuum hose (B) from the air by-pass valve.
- 2) Loosen the clamp (C) which holds the intake duct to intercooler.



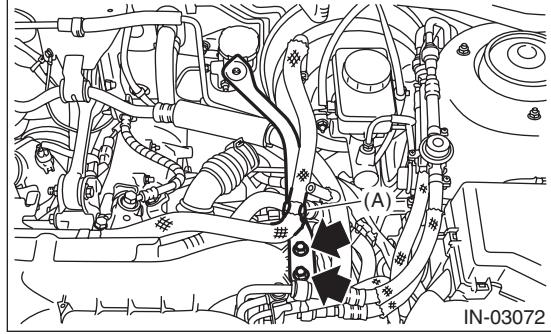
- 3) Remove the bolts which secure the intercooler to the turbocharger.



- 4) Remove the bolts which secure the intercooler to the intercooler stay, and remove the intercooler.



- 5) Remove the brake booster vacuum hose from the clip (A), and remove the intercooler stay.



B: INSTALLATION

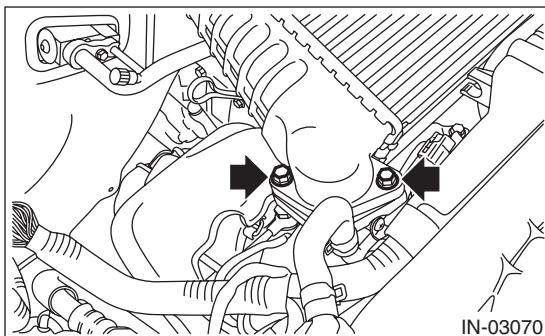
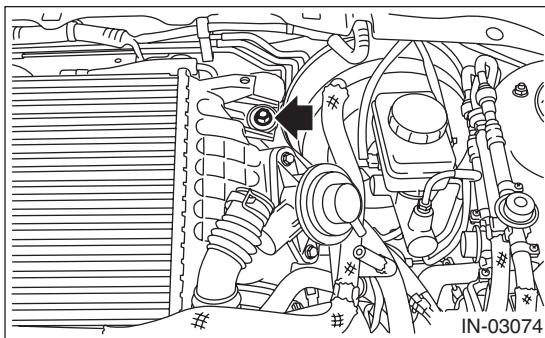
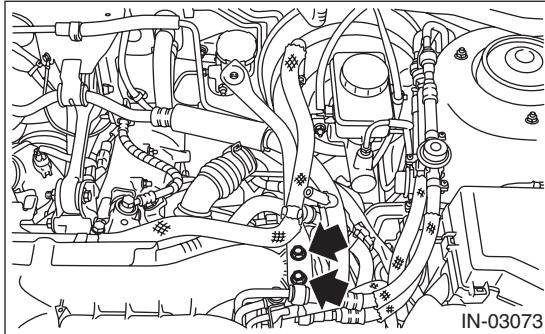
Install in the reverse order of removal.

NOTE:

- Use new O-rings.
- Be careful not to pinch the O-ring.

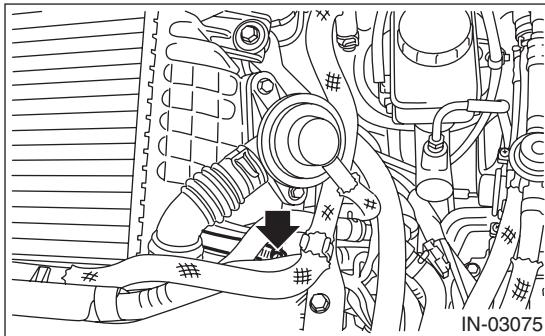
Tightening torque:

16 N·m (1.6 kgf·m, 11.8 ft-lb)



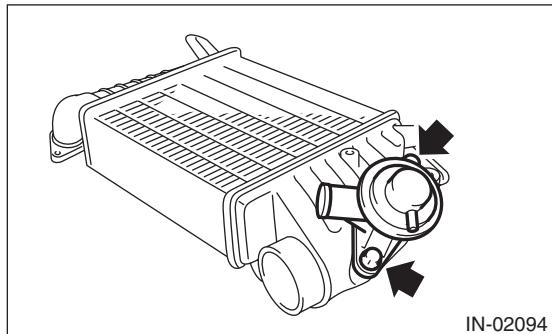
Tightening torque:

3 N·m (0.3 kgf·m, 2.2 ft-lb)



C: DISASSEMBLY

- 1) Remove the air by-pass valve from intercooler.



D: ASSEMBLY

Assemble in the reverse order of disassembly.

NOTE:

- Use new O-rings.
- Be careful not to pinch the O-ring.

Tightening torque:

6.5 N·m (0.7 kgf·m, 4.8 ft-lb)

E: INSPECTION

- 1) Check that the intercooler has no deformation, cracks or other damages.
- 2) Check that the vacuum hose, air by-pass pipe and intake duct have no cracks, damage or loose part.