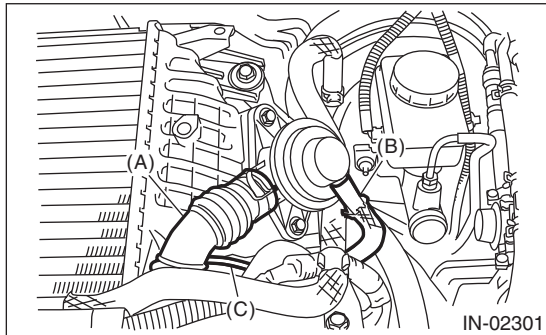


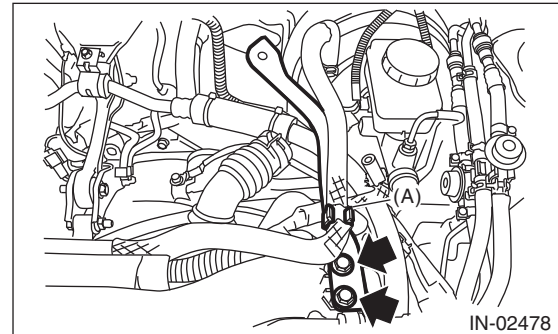
6. Intercooler

A: REMOVAL

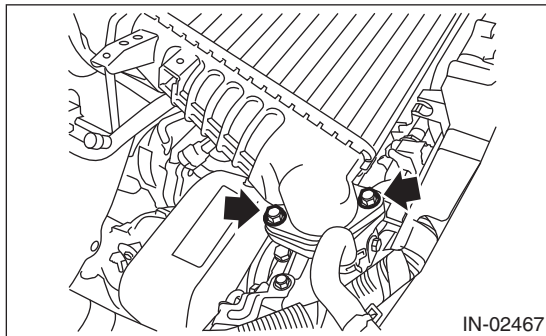
- 1) Remove the collector cover.
- 2) Disconnect the air by-pass pipe (A) and vacuum hose (B) from the air by-pass valve.
- 3) Loosen the clamp (C) which connects the air intercooler and intake duct.



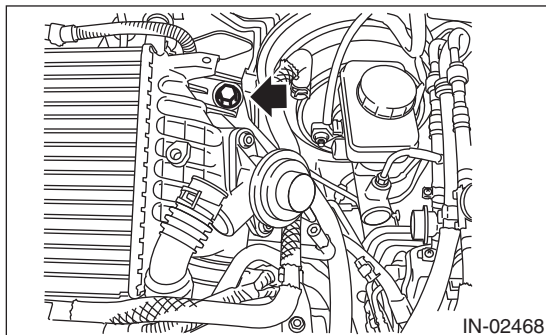
- 6) Remove the brake booster vacuum hose from the brake booster vacuum hose clip (A), and remove the intercooler stay.



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



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



Intercooler

INTAKE (INDUCTION)

B: INSTALLATION

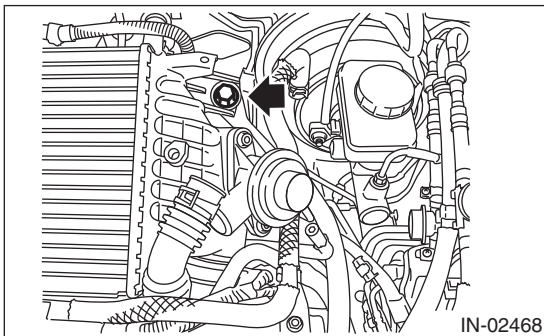
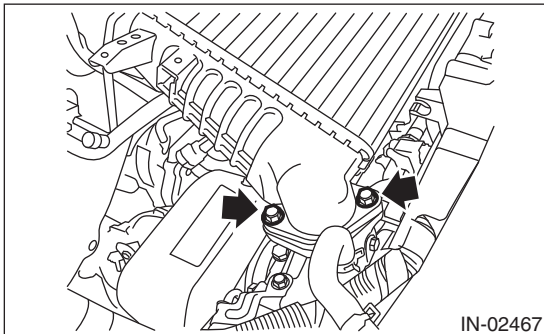
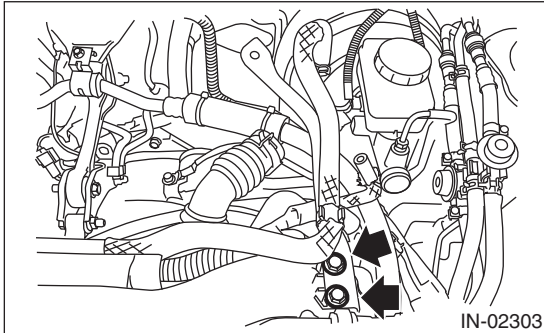
Install in the reverse order of removal.

NOTE:

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

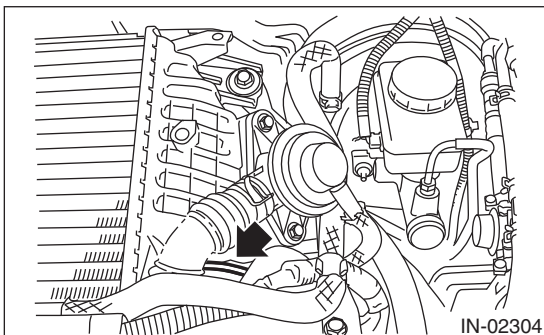
Tightening torque:

16 N·m (1.6 kgf-m, 11.8 ft-lb)



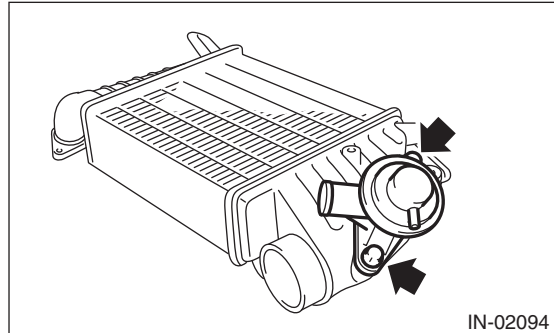
Tightening torque:

3 N·m (0.3 kgf-m, 2.2 ft-lb)



C: DISASSEMBLY

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



D: ASSEMBLY

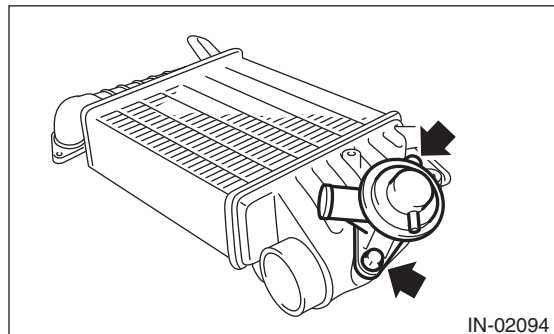
Assemble in the reverse order of disassembly.

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

Check for cracks or loose connections.