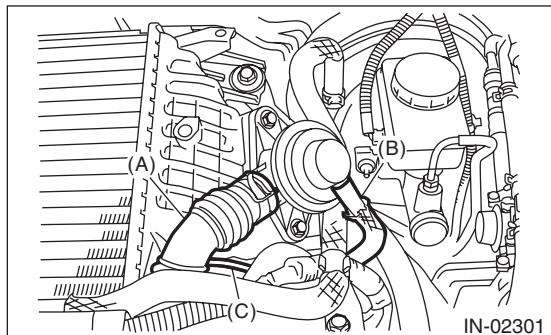


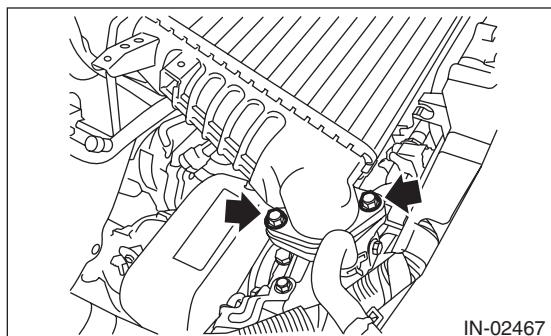
## 6. Intercooler

### A: REMOVAL

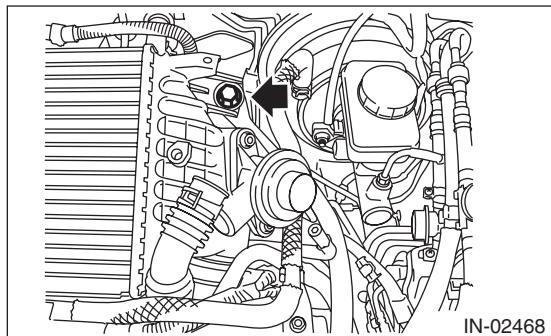
- 1) Disconnect the air by-pass pipe (A) and vacuum hose (B) from the air by-pass valve.
- 2) Loosen the clamp (C) which connects the intercooler and intake duct.



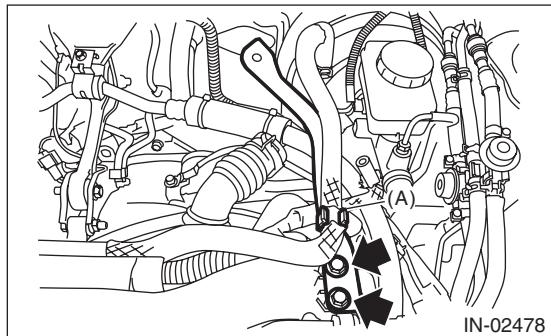
- 3) Remove the bolts which secure the intercooler to the turbocharger.



- 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

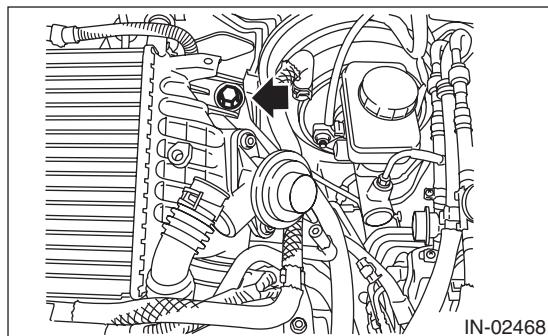
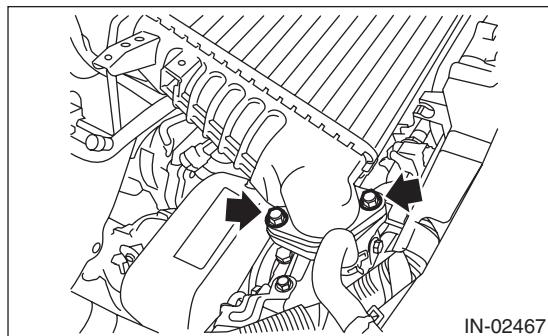
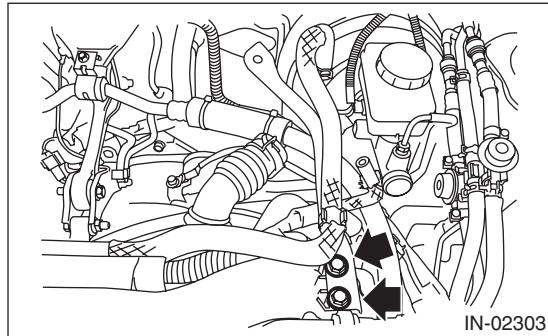
Install in the reverse order of removal.

**NOTE:**

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

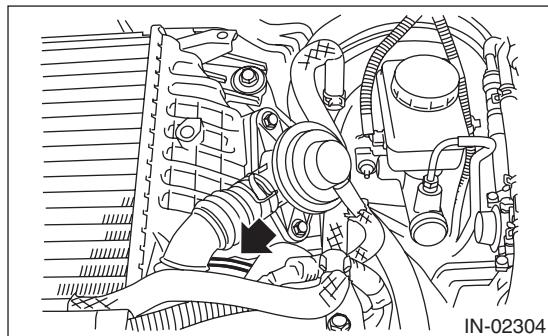
**Tightening torque:**

**16 N·m (1.6 kgf·m, 11.8 ft-lb)**



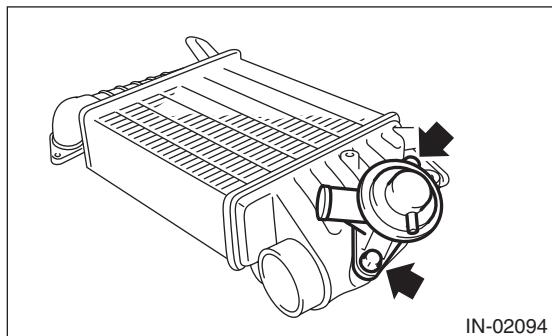
**Tightening torque:**

**3 N·m (0.3 kgf·m, 2.2 ft-lb)**



### C: DISASSEMBLY

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



### D: ASSEMBLY

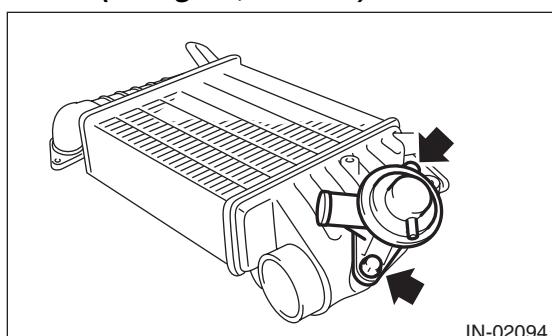
Assemble in the reverse order of disassembly.

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

Check for cracks or loose connections.