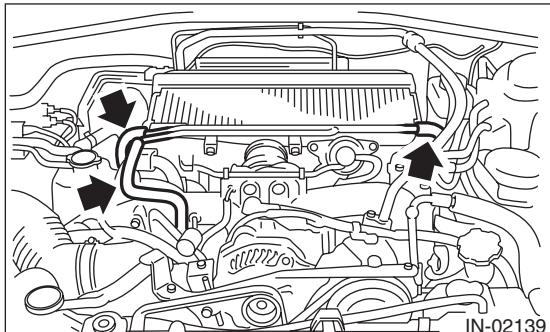


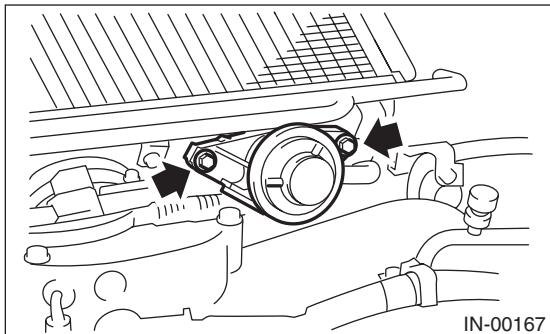
## 6. Intercooler

### A: REMOVAL

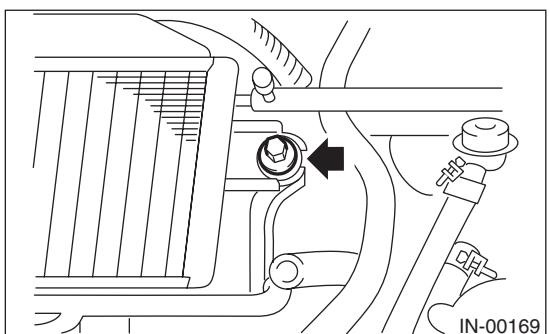
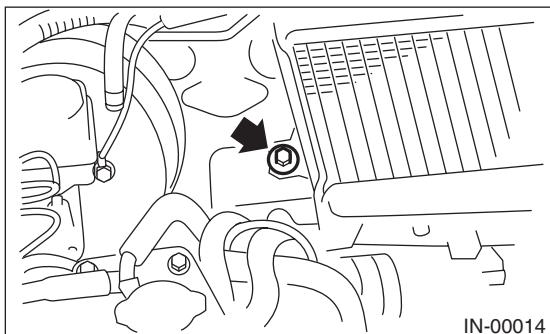
- 1) Remove the collector cover.
- 2) Disconnect the PCV hose from PCV pipe.



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

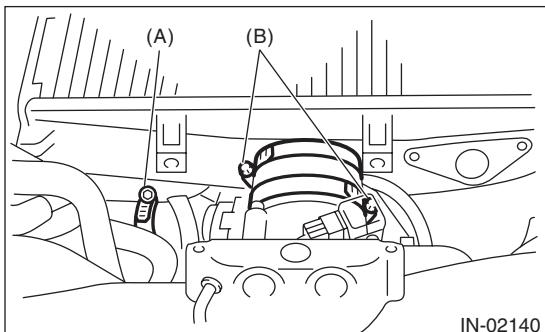


- 4) Remove the bolts which secure the intercooler to the bracket.



- 5) Loosen the clamps (A) which connect the turbocharger and intercooler duct.

- 6) Loosen the clamps (B) which connect the throttle body and intercooler.



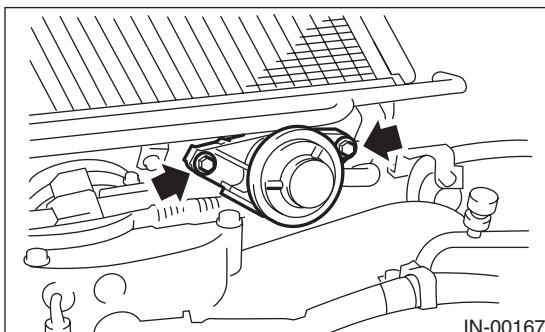
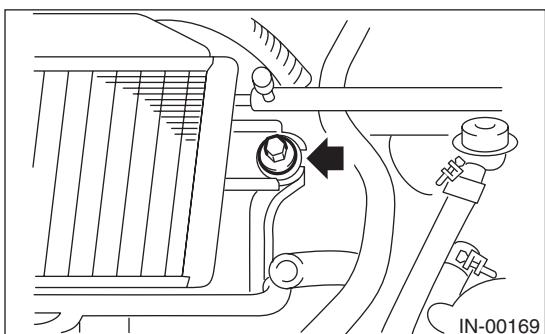
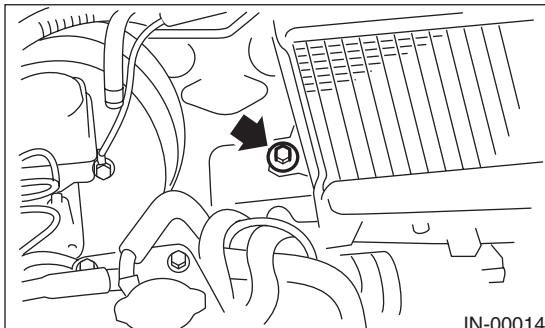
- 7) Separate the intercooler duct from turbocharger.
- 8) Remove the intercooler from throttle body.

### B: INSTALLATION

Install in the reverse order of removal.

**NOTE:**  
Use new O-rings.

**Tightening torque:**  
**16 N·m (1.6 kgf·m, 11.8 ft-lb)**

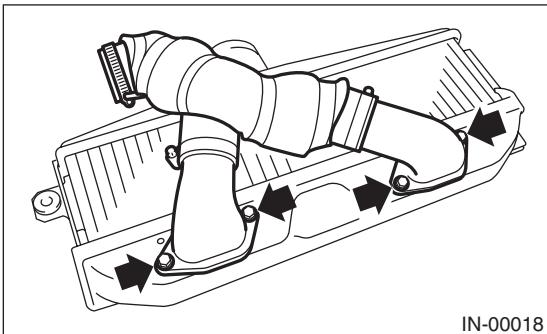


# Intercooler

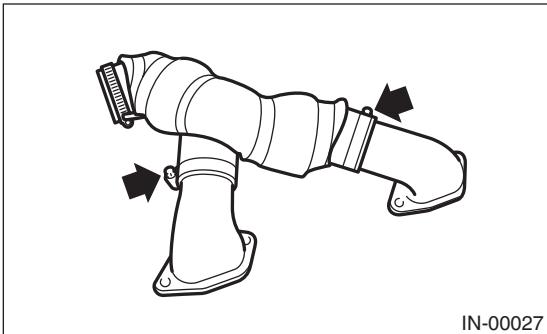
## INTAKE (INDUCTION)

### C: DISASSEMBLY

- 1) Remove the intercooler ducts from intercooler.



- 2) Separate the duct.



### D: ASSEMBLY

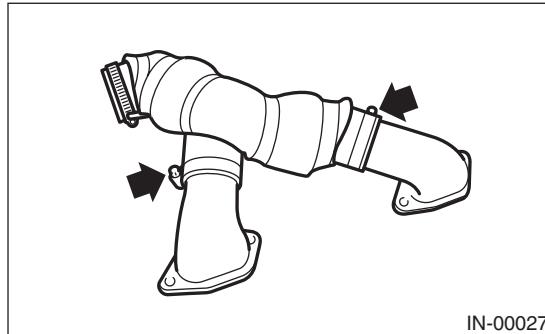
Assemble in the reverse order of disassembly.

**NOTE:**

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

**Tightening torque:**

**3 N·m (0.3 kgf·m, 2.2 ft-lb)**



**Tightening torque:**

**16 N·m (1.6 kgf·m, 11.8 ft-lb)**

