

Secondary Air Combination Valve

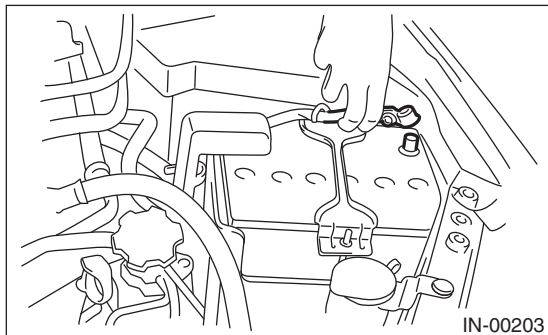
EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

16. Secondary Air Combination Valve

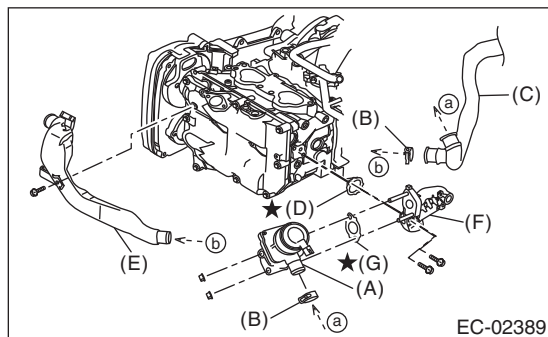
A: REMOVAL

1. SECONDARY AIR COMBINATION VALVE LH

- 1) Remove the collector cover.
- 2) Disconnect the ground cable from the battery.



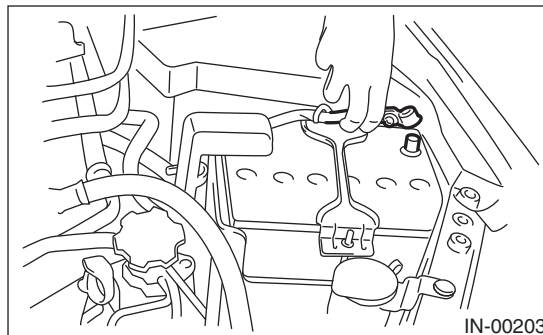
- 3) Remove the intercooler. <Ref. to IN(H4DOTC)-11, REMOVAL, Intercooler.>
- 4) Disconnect the connector from the secondary air combination valve LH.
- 5) Disconnect the air duct A.
- 6) Remove the secondary air pipe LH.
- 7) Remove the secondary air combination valve LH.



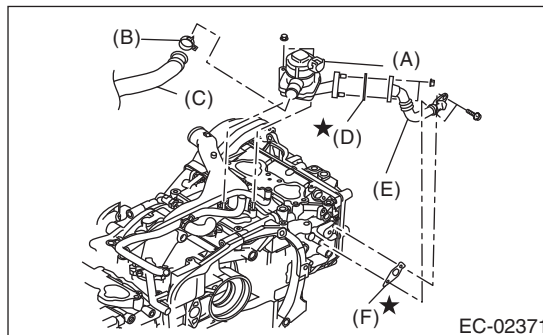
- (A) Secondary air combination valve LH
- (B) Clamp
- (C) Air duct A
- (D) Gasket
- (E) Air duct B
- (F) Secondary air pipe LH
- (G) Gasket

2. SECONDARY AIR COMBINATION VALVE RH

- 1) Remove the collector cover.
- 2) Disconnect the ground cable from the battery.



- 3) Remove the intercooler. <Ref. to IN(H4DOTC)-11, REMOVAL, Intercooler.>
- 4) Remove the intake manifold. <Ref. to FU(H4DOTC)-14, REMOVAL, Intake Manifold.>
- 5) Disconnect the air duct A.
- 6) Remove the secondary air pipe RH.
- 7) Remove the secondary air combination valve RH.



- (A) Secondary air combination valve RH
- (B) Clamp
- (C) Air duct A
- (D) Gasket
- (E) Secondary air pipe RH
- (F) Gasket

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B: INSTALLATION

1. SECONDARY AIR COMBINATION VALVE LH

Install in the reverse order of removal.

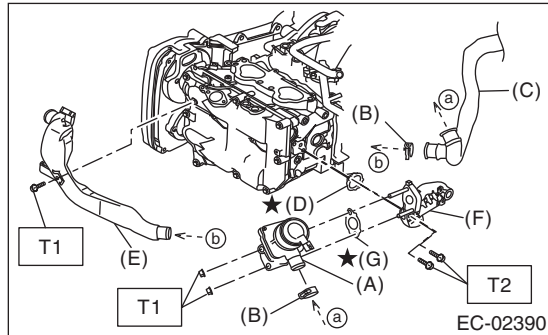
NOTE:

Use a new gasket.

Tightening torque:

T1: 9 N·m (0.9 kgf-m, 6.6 ft-lb)

T2: 19 N·m (1.9 kgf-m, 14.0 ft-lb)



- (A) Secondary air combination valve LH
- (B) Clamp
- (C) Air duct A
- (D) Gasket
- (E) Air duct B
- (F) Secondary air pipe LH
- (G) Gasket

2. SECONDARY AIR COMBINATION VALVE RH

Install in the reverse order of removal.

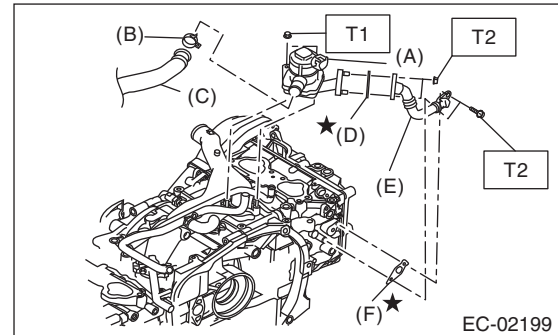
NOTE:

Use a new gasket.

Tightening torque:

T1: 6.4 N·m (0.7 kgf-m, 4.7 ft-lb)

T2: 9 N·m (0.9 kgf-m, 6.6 ft-lb)



- (A) Secondary air combination valve RH
- (B) Clamp
- (C) Air duct A
- (D) Gasket
- (E) Secondary air pipe RH
- (F) Gasket

C: INSPECTION

Check the air duct and pipe for looseness.

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INTAKE (INDUCTION)

IN(H4DOTC)

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