

7. EGR Pipe

A: REMOVAL

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For the 12 volt engine restart battery, disconnect the ground terminal from 12V engine restart battery sensor.

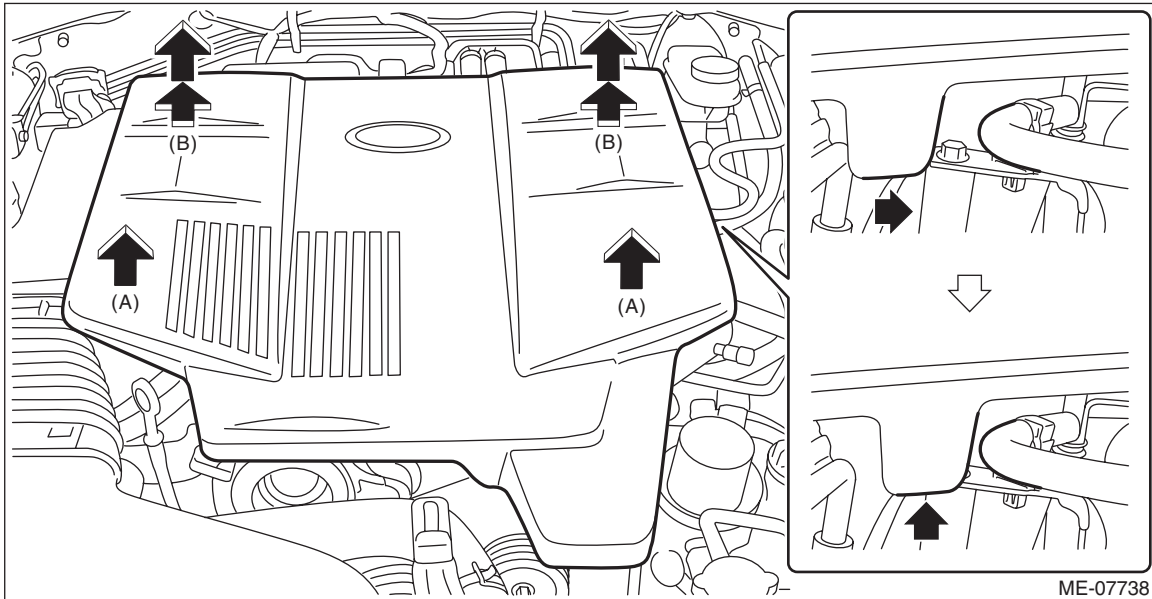
2) Remove the collector cover.

(1) Carefully pull up the front of collector cover at two positions (A).

(2) Carefully pull up the rear of collector cover at two positions (B) while moving it backward.

NOTE:

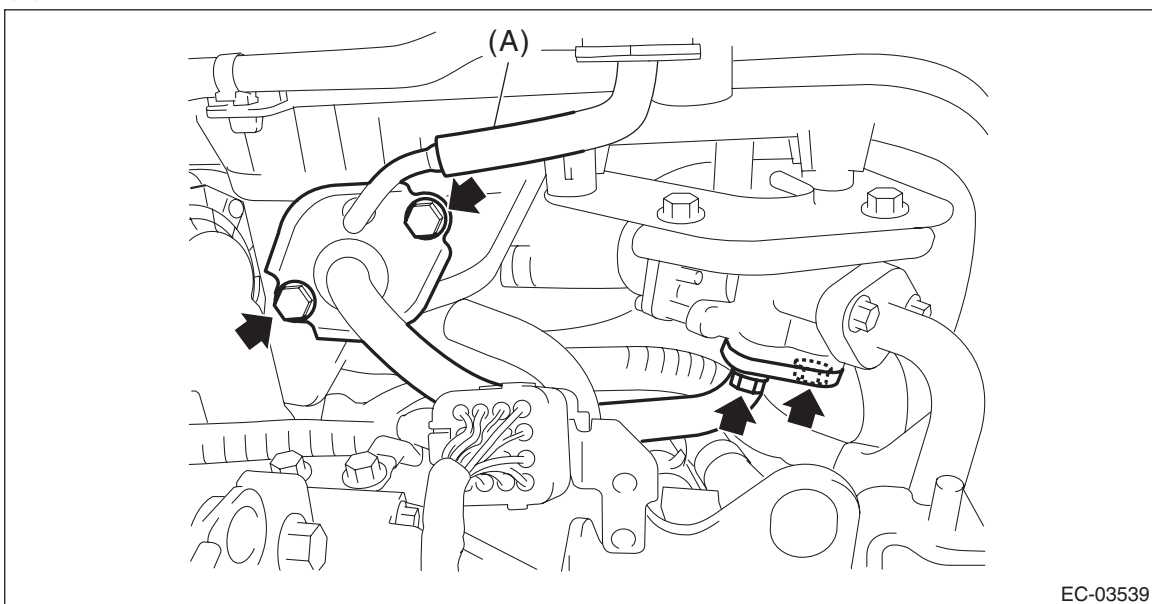
Be careful not to contact the fuel delivery tube when moving the collector cover rearward.



3) Remove the air cleaner case. <Ref. to IN(H4DO(HEV))-6, REMOVAL, Air Cleaner Case.>

4) Disconnect the vacuum hose (A) from EGR pipe.

5) Remove the bolts which secure the EGR pipe to the intake manifold and EGR control valve, and remove the EGR pipe.



EGR Pipe

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

B: INSTALLATION

1) Set the EGR pipe to the intake manifold and EGR control valve, and temporarily tighten the bolts which secure the EGR pipe.

NOTE:

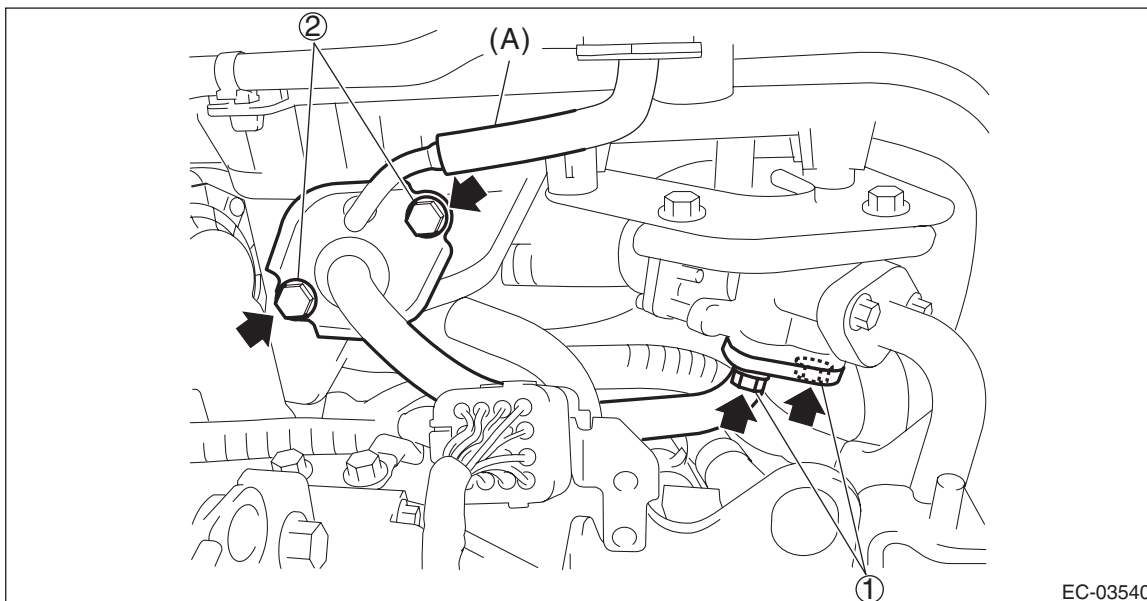
Use a new gasket.

2) Tighten the bolts which secure the EGR pipe to the intake manifold and EGR control valve in numerical order as shown in the figure.

Tightening torque:

19 N·m (1.9 kgf-m, 14.0 ft-lb)

3) Connect the vacuum hose (A) to EGR pipe.



4) Install the air cleaner case. <Ref. to IN(H4DO(HEV))-8, INSTALLATION, Air Cleaner Case.>

5) Install the collector cover.

6) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

C: INSPECTION

Check that the EGR pipe has no deformation, cracks or other damages.