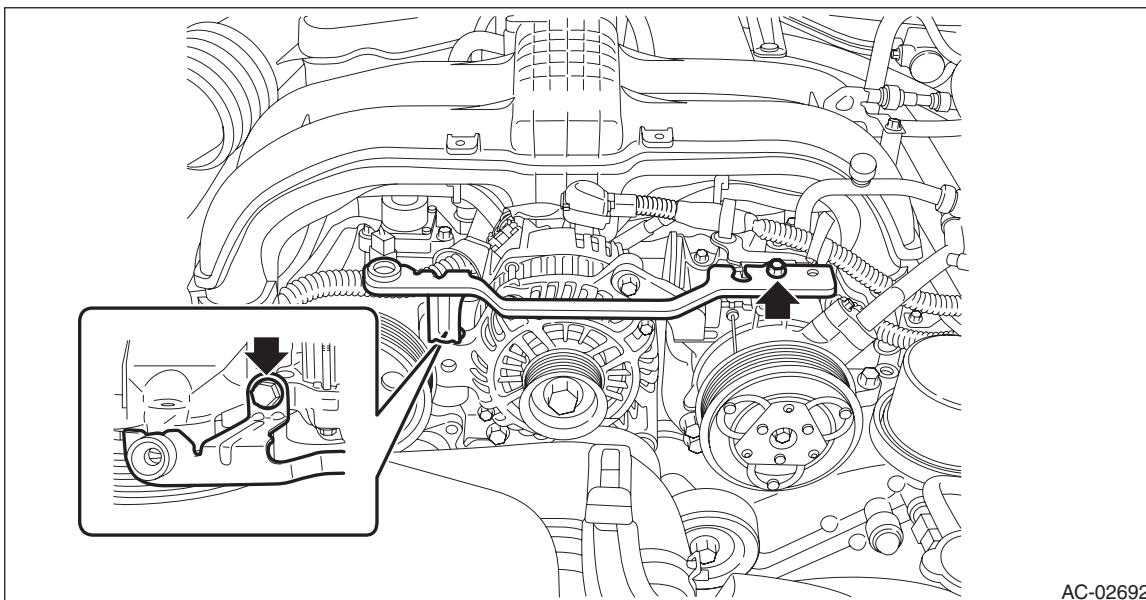


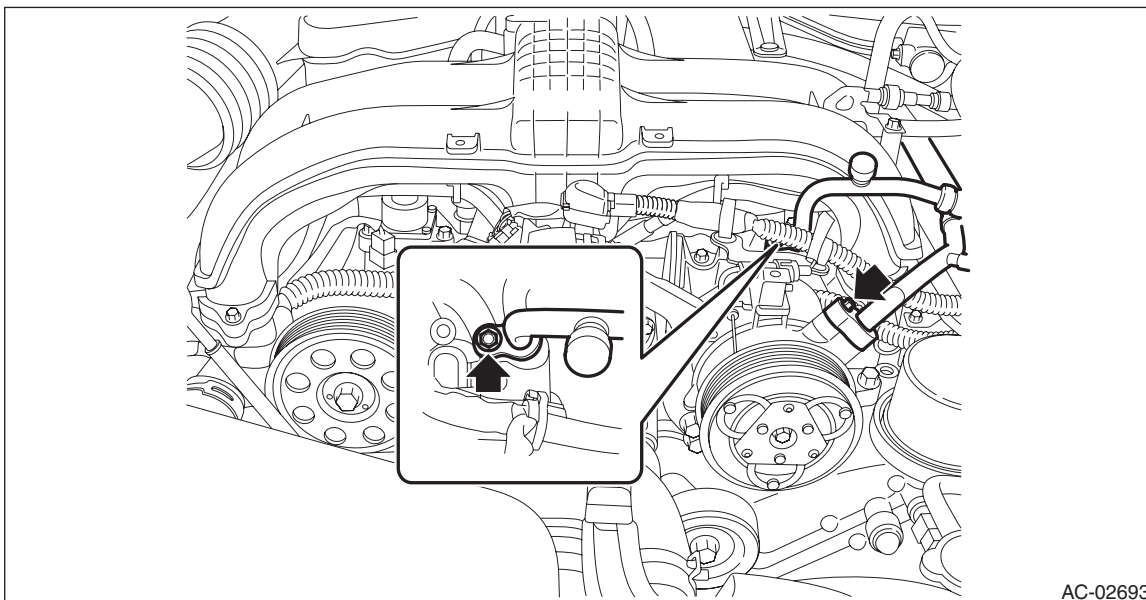
15.Compressor

A: REMOVAL

- 1) Perform compressor oil return operation. <Ref. to AC-34, PROCEDURE, Compressor Oil.>
- 2) Turn the A/C switch to OFF and stop the engine.
- 3) Using the refrigerant recovery system, discharge refrigerant. <Ref. to AC-26, PROCEDURE, Refrigerant Recovery Procedure.>
- 4) Disconnect the ground cable from battery.
- 5) Remove the V-belts. <Ref. to ME(H4DO)-77, REMOVAL, V-belt.>
- 6) Remove the bolts and remove the V-belt cover bracket.



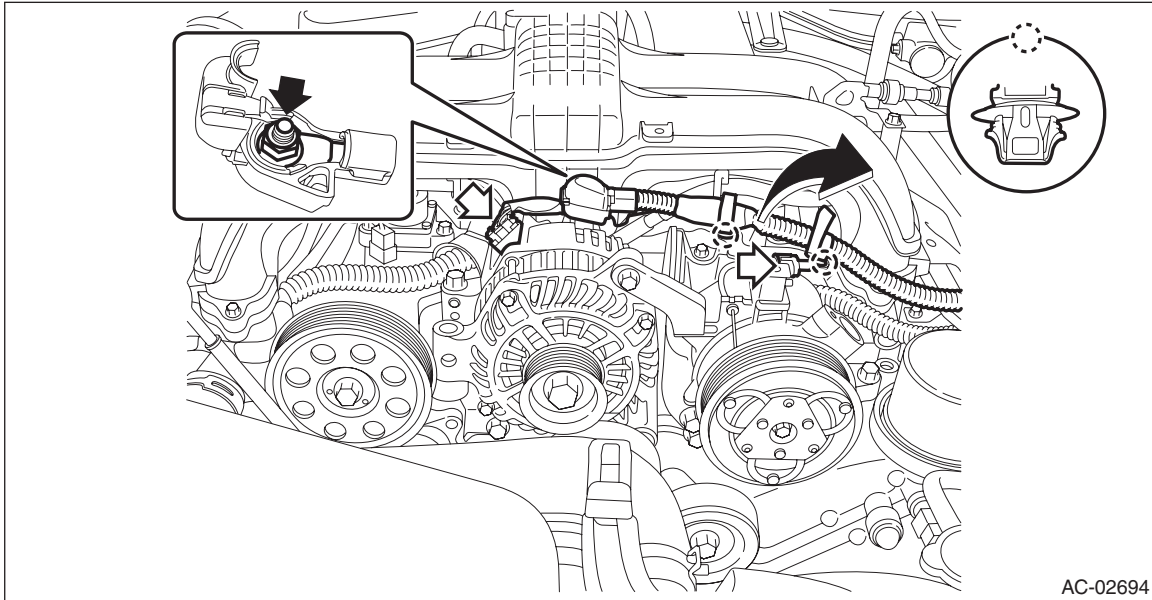
- 7) Remove the bolt, and detach the hose - pressure suction and the hose - pressure discharge.



Compressor

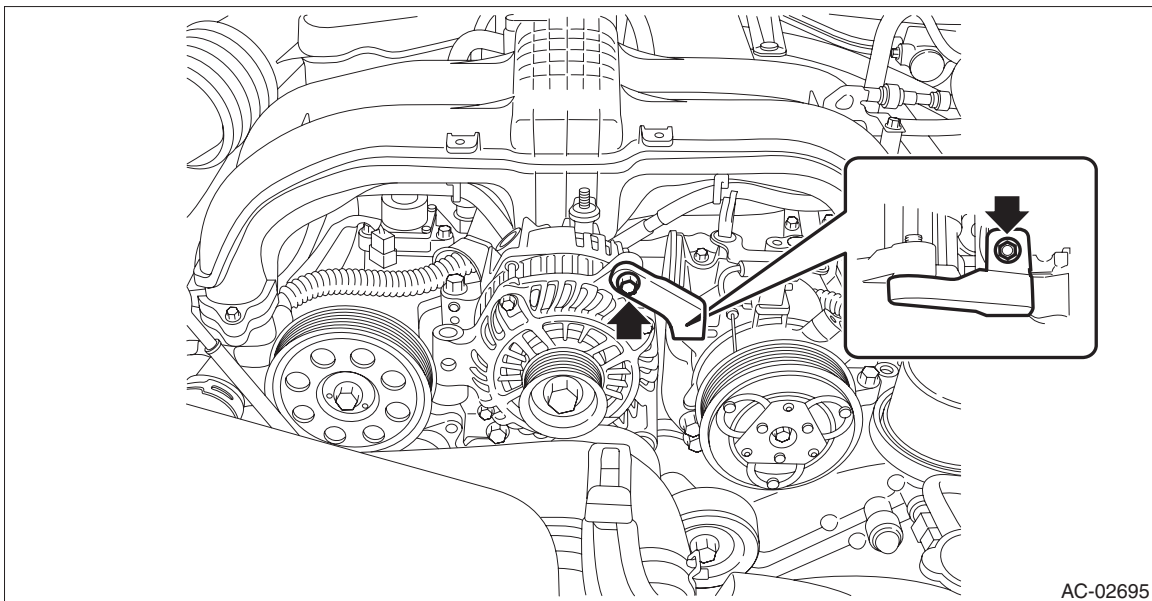
HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

- 8) Disconnect the nut and each connector, and move the generator harness to the right.



- 9) Remove the compressor assembly.

- (1) Remove the bolts, and then remove the generator bracket.



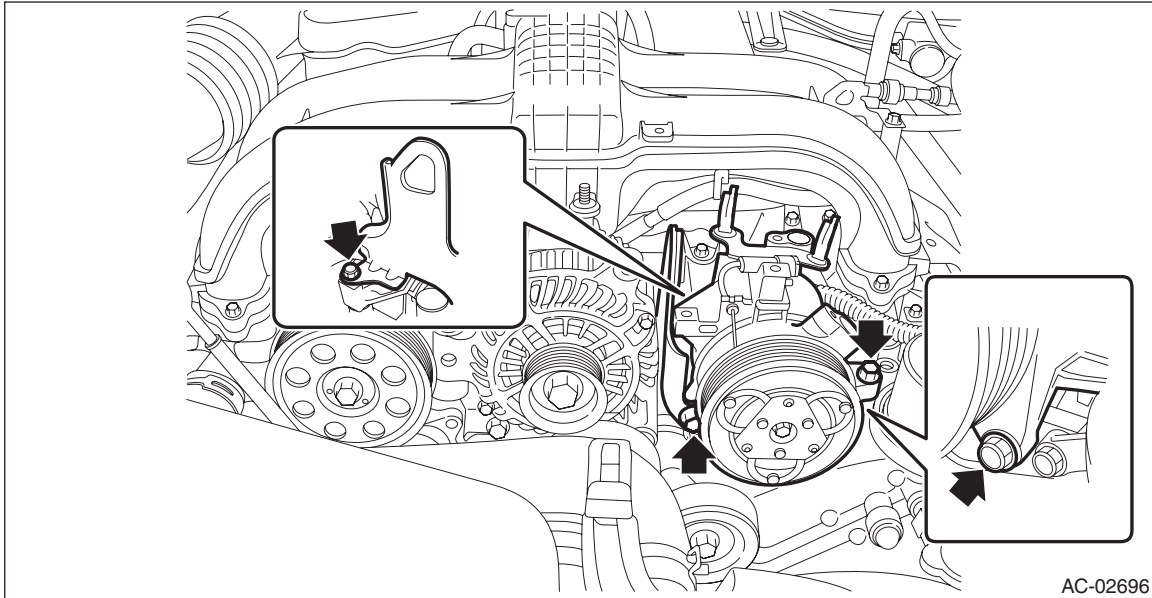
Compressor

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

- (2) Remove the bolts and remove the compressor assembly.

NOTE:

Tighten the engine hanger together with the compressor assembly.



B: INSTALLATION

CAUTION:

- Replace the O-rings on the hose - pressure suction and discharge with new parts, and then apply compressor oil.
- After replacing the compressor assembly, adjust the amount of the compressor oil. <Ref. to AC-34, PROCEDURE, Compressor Oil.>

- 1) Install each part in the reverse order of removal.

Tightening torque:

Air conditioning unit: <Ref. to AC-12, AIR CONDITIONING UNIT, COMPONENT, General Description.>

Compressor: <Ref. to AC-13, COMPRESSOR, COMPONENT, General Description.>

V-belt cover bracket and generator bracket: <Ref. to SC(H4DO)-5, GENERATOR BRACKET, COMPONENT, General Description.>

- 2) Charge refrigerant. <Ref. to AC-27, PROCEDURE, Refrigerant Charging Procedure.>

C: INSPECTION

1. MAGNET CLUTCH CLEARANCE INSPECTION

- 1) Check the clearance of entire circumference around the drive plate and pulley.

Specification:

0.3 — 0.6 mm (0.0118 — 0.0236 in)

- 2) Replace the compressor assembly if the inspection result is not within the standard.

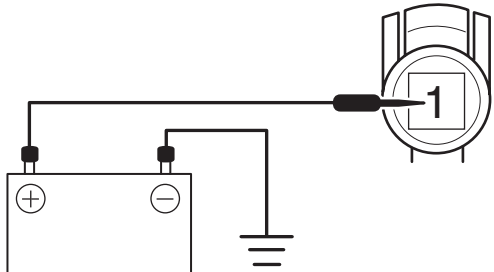
Compressor

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

2. MAGNET CLUTCH OPERATION INSPECTION

UNIT INSPECTION

1) Check the magnet clutch operation when battery voltage is applied to the compressor terminal.

Terminal No.	Inspection conditions	Specification	Connection diagram
1 (+) — chassis ground (—)	Battery connection between compressor terminal and chassis ground	Engagement of magnet clutch	 AC-02772

2) If it does not operate normally, replace the compressor assembly.