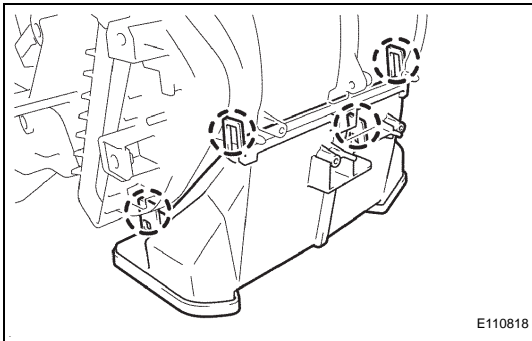
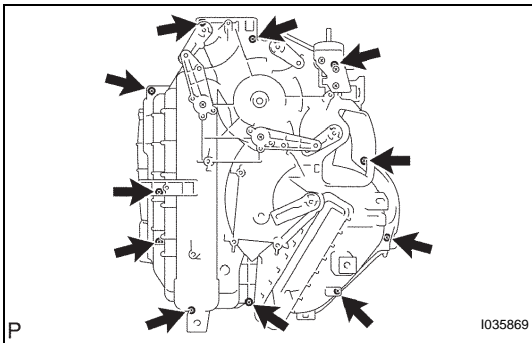


8. REMOVE COOLER EVAPORATOR NO.1 SUB-ASSEMBLY

(a) Remove the 3 screws and air duct sub-assembly.

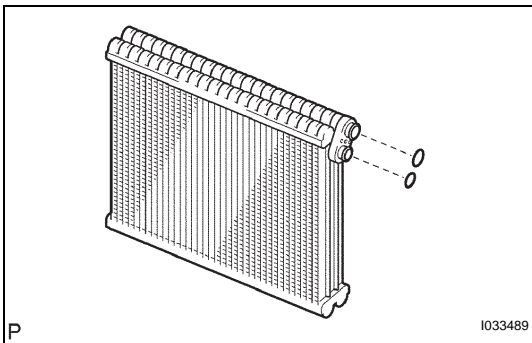


(b) Release the 4 claws and remove the air duct sub-assembly.

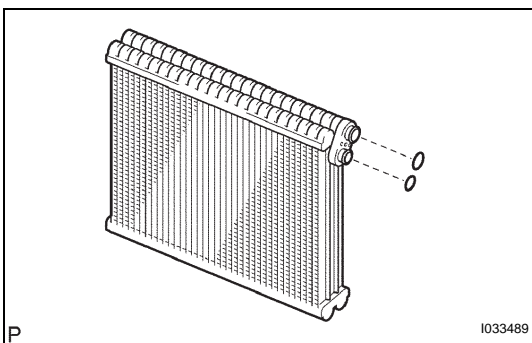


(c) Remove the 11 screws and separate the heater case.

(d) Remove the cooler evaporator No. 1 sub-assembly.



(e) Remove the 2 O-rings from the cooler evaporator No. 1 sub-assembly.



REASSEMBLY

1. INSTALL COOLER EVAPORATOR NO.1 SUB-ASSEMBLY

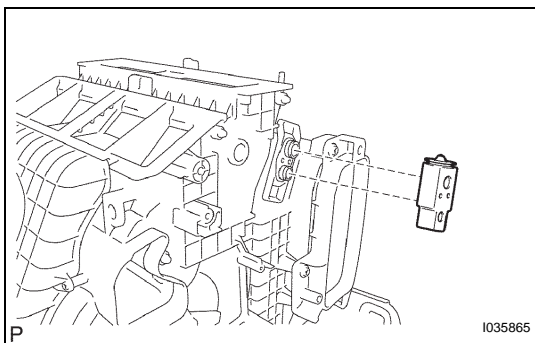
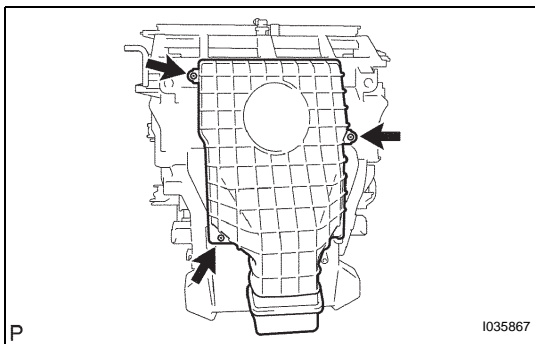
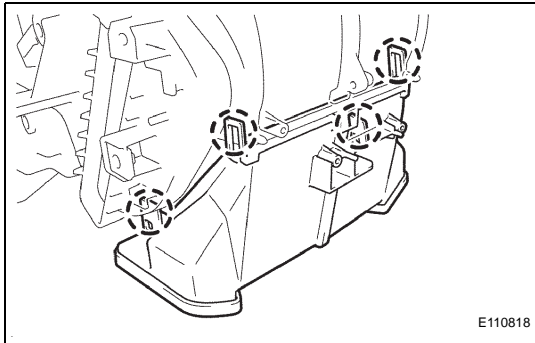
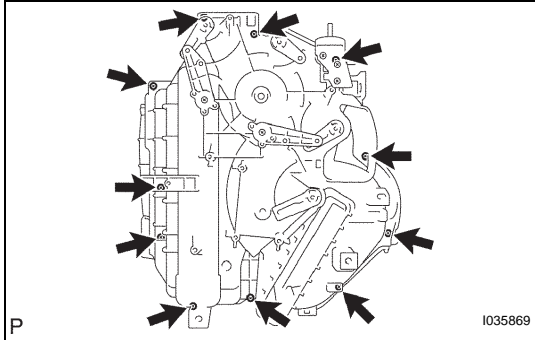
(a) Sufficiently apply compressor oil to 2 new O-rings and fitting surface of the cooler expansion valve.

Compressor oil:

ND-OIL 11 or equivalent

NOTICE:

- Do not use any compressor oil other than ND-OIL 11 or equivalent.



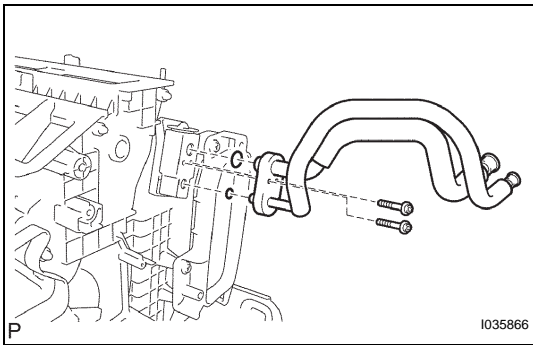
- If any compressor oil other than ND-OIL 11 or equivalent is used, compressor motor insulation performance may decrease, resulting in leakage of electric power.
- (b) Install the 2 O-rings on the cooler evaporator No. 1 sub-assembly.
- (c) Install the cooler evaporator No. 1 sub-assembly to the heater case.
- (d) Install the heater case with the 11 screws.

- (e) Install the air duct sub-assembly with the 4 claws.

- (f) Install the air duct sub-assembly with the 3 screws.

2. INSTALL COOLER EXPANSION VALVE

- (a) Install the cooler expansion valve to the cooler evaporator No. 1 sub-assembly.



3. INSTALL AIR CONDITIONING TUBE ASSEMBLY

- (a) Sufficiently apply compressor oil to 2 new O-rings and fitting surface of the air conditioning tube assembly.

Compressor oil:

ND-OIL 11 or equivalent

NOTICE:

- Do not use any compressor oil other than ND-OIL 11 or equivalent.
- If any compressor oil other than ND-OIL 11 or equivalent is used, compressor motor insulation performance may decrease, resulting in leakage of electric power.

- (b) Install the 2 O-rings on the air conditioning tube assembly.

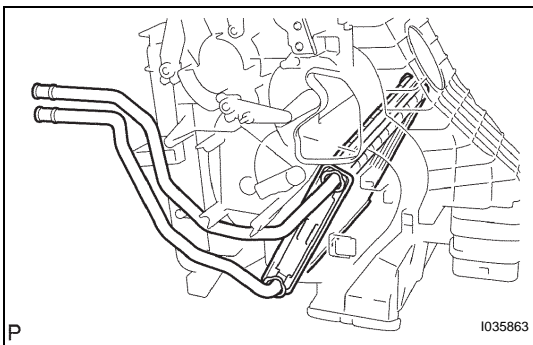
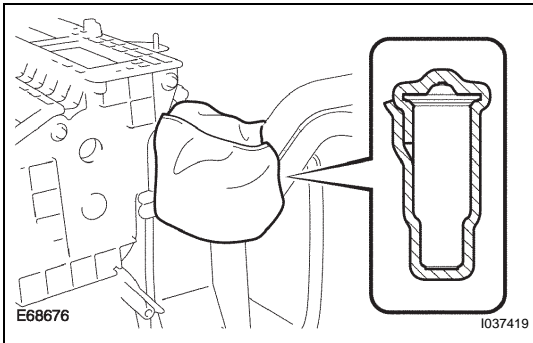
- (c) Using a hexagon wrench 4.0 mm, install the air conditioning tube assembly with the 2 hexagon bolts.

Torque: 3.5 N*m (35 kgf*cm, 30 in.*lbf)

- (d) Install a new packing.

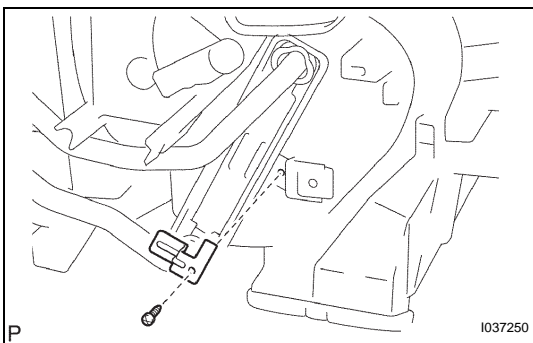
NOTICE:

- Be sure to install the packing securely so that there is no clearance.
- Wrap the packing with a shop rag or a piece of cloth as shown in the illustration to prevent moisture from entering.

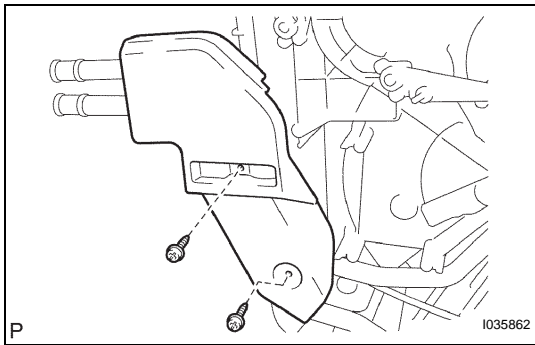


4. INSTALL HEATER RADIATOR UNIT SUB-ASSEMBLY

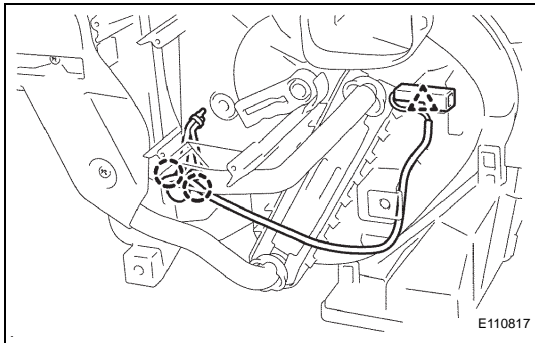
- (a) Install the heater radiator unit sub-assembly.



- (b) Install the bracket with the screw.

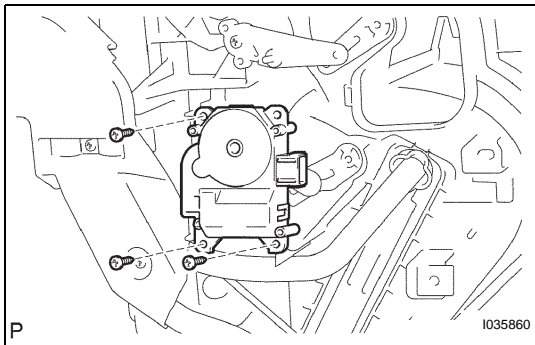


(c) Install the piping cover with the 2 screws.



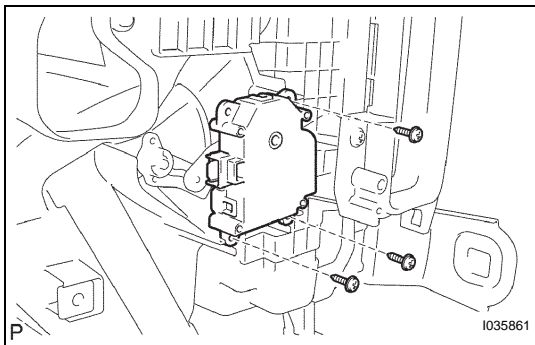
5. INSTALL EVAPORATOR TEMPERATURE SENSOR

- (a) Engage the 2 claws to install the evaporator temperature sensor.
- (b) Engage the clamp to install the connector.

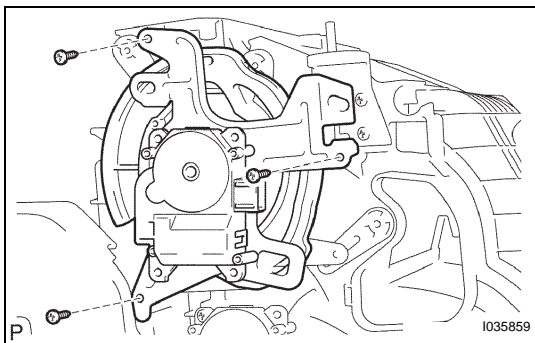


6. INSTALL AIR MIX CONTROL SERVO MOTOR

- (a) LH side:
Install the air mix control servomotor with the 3 screws.

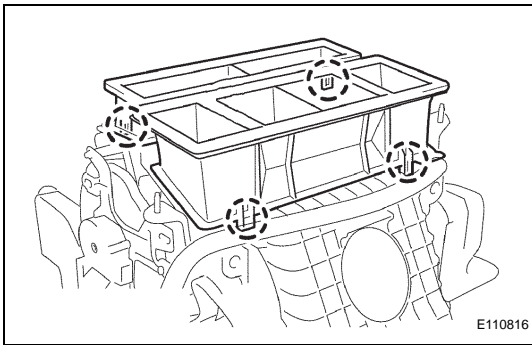


- (b) RH side:
Install the air mix control servomotor with the 3 screws.



7. INSTALL AIR OUTLET CONTROL SERVO MOTOR

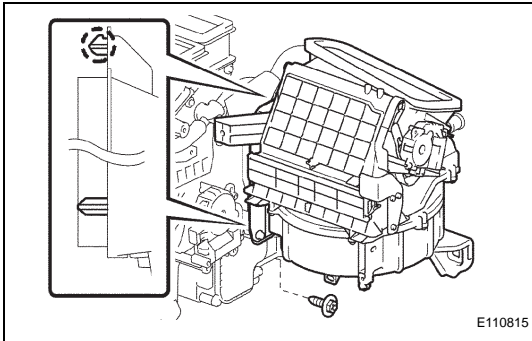
- (a) Install the air outlet control servomotor with the 3 screws .



8. INSTALL HEATER TO REGISTER DUCT CENTER

- (a) Engage the 4 clamps to install the heater to register duct center.

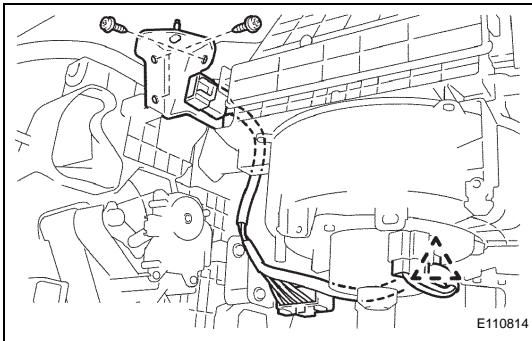
AC



INSTALLATION

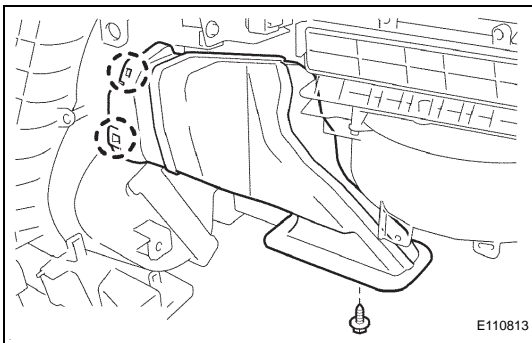
1. INSTALL BLOWER ASSEMBLY

- (a) Engage the claw to install the blower assembly.



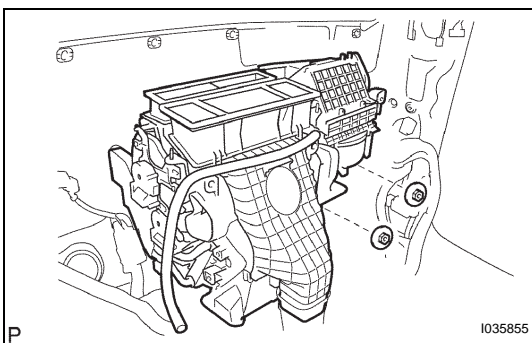
2. INSTALL WIRING AIR INDICATOR HARNESS NO.2 SUB-ASSEMBLY

- (a) Install the wiring air indicator harness No. 2 sub-assembly with the 3 screws.
 (b) Connect the connectors and clamp.



3. INSTALL AIR DUCT NO.2

- (a) Install the air duct No. 2 with the screw.
Torque: 2.5 N*m (25 kgf*cm, 22 in.*lbf)



4. TEMPORARILY TIGHTEN AIR CONDITIONER UNIT ASSEMBLY

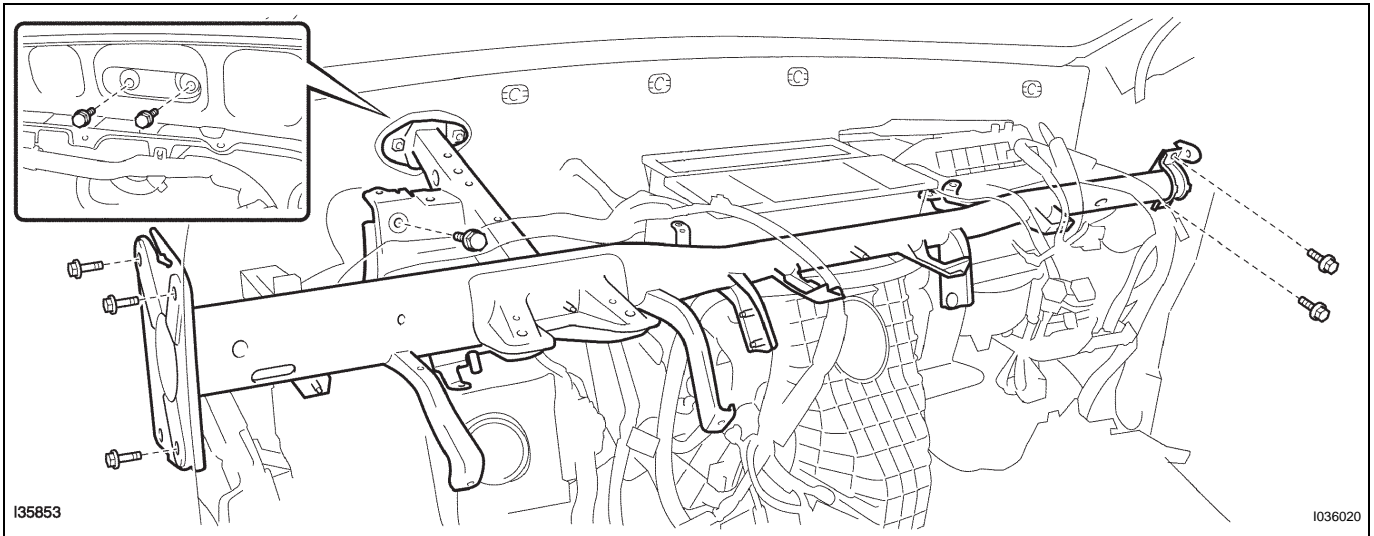
- (a) Temporarily tighten the air conditioner unit assembly with the 2 nuts.

HINT:

Make sure to hold the air conditioner unit assembly securely as its bracket installation parts may be damaged.

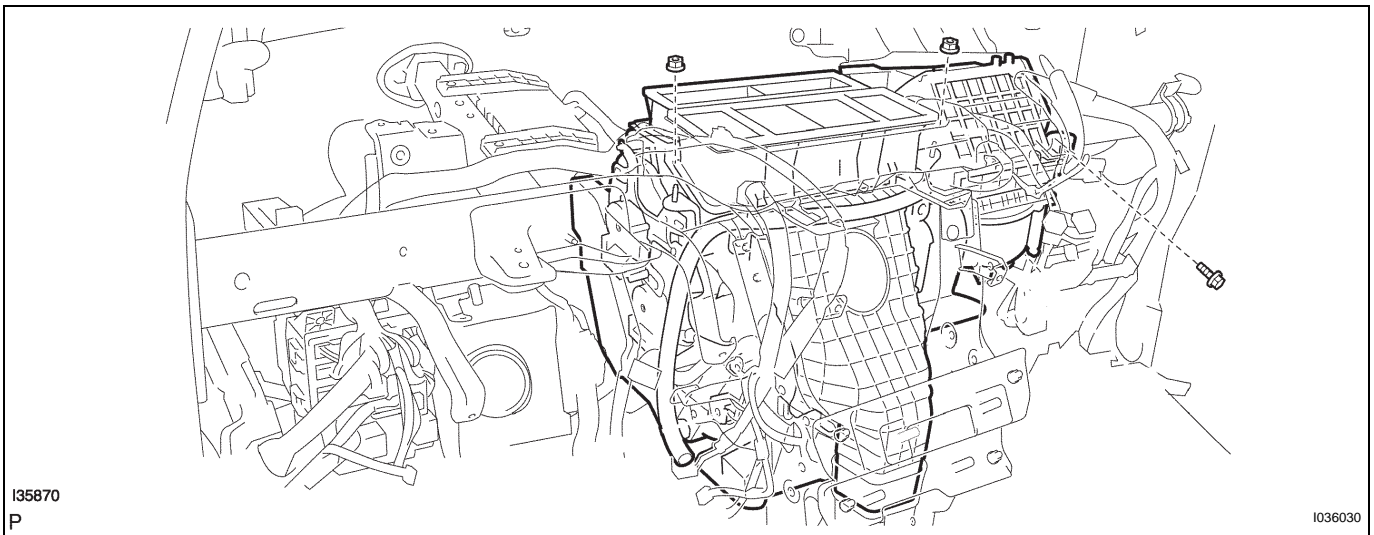
5. INSTALL INSTRUMENT PANEL REINFORCEMENT ASSEMBLY

- (a) Install the instrument panel reinforcement with the 8 bolts.



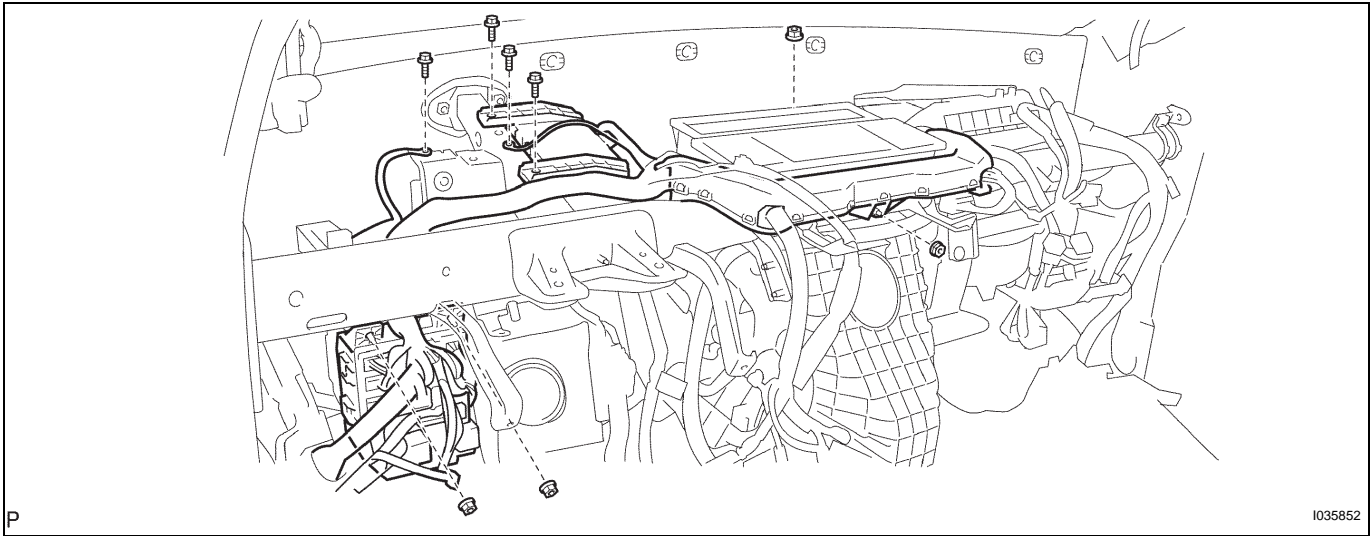
Torque: 20 N*m (204 kgf*cm, 15 ft.*lbf)

- (b) Temporarily tighten the air conditioner unit assembly with the 2 nuts and bolt.

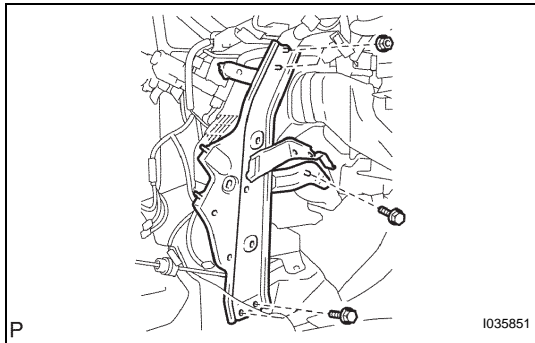


- (c) Install the 4 bolts and 4 nuts.
(d) Install the clamps.

(e) Connect the connectors.

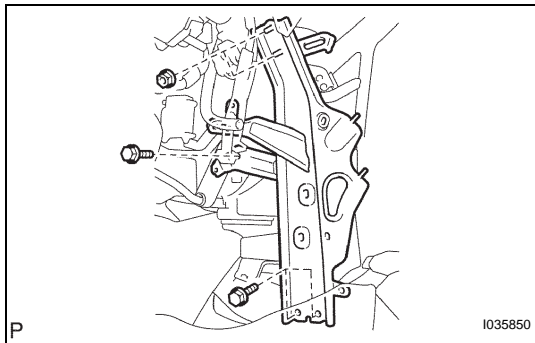


AC



6. INSTALL INSTRUMENT PANEL BRACE NO.2 SUB-ASSEMBLY

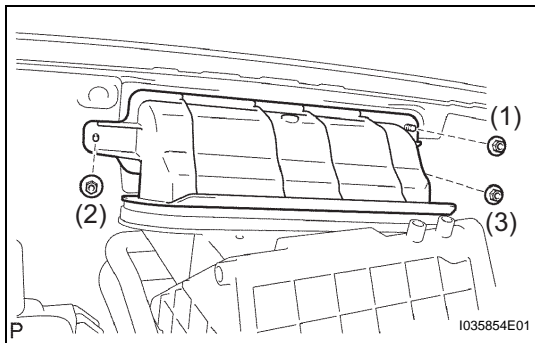
- (a) Install the instrument panel brace No. 2 sub-assembly with the 3 bolts and 2 nuts.
- (b) Install the clamps and connect the connectors.



7. INSTALL INSTRUMENT PANEL BRACE NO.1 SUB-ASSEMBLY

- (a) Install the instrument panel brace No. 1 sub-assembly with the 3 bolts and 2 nuts.
- (b) Install the clamps and connect the connectors.

8. INSTALL INSTRUMENT PANEL BRACKET NO.4



9. INSTALL AIR DUCT NO.1 SUB-ASSEMBLY

- (a) Install the air duct No. 1 sub-assembly with the 3 nuts.

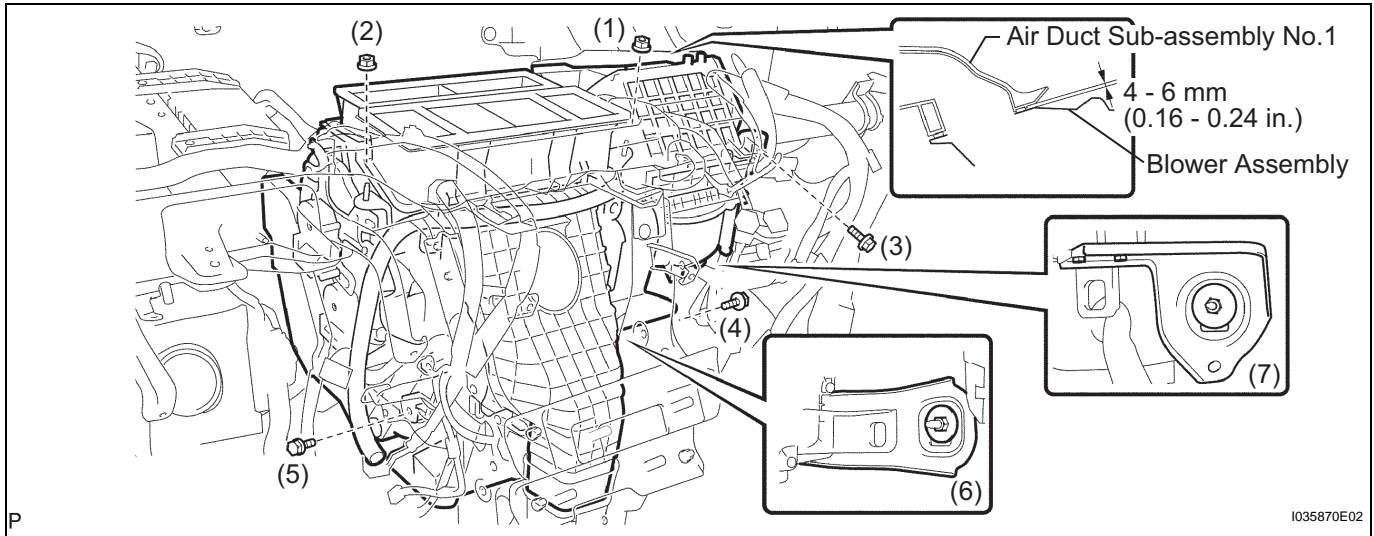
Torque: 9.8 N*m (100 kgf*cm, 87 in.*lbf)

NOTICE:

Tighten the bolts in numerical order shown in the illustration to install the air duct No. 1 sub-assembly.

10. FULLY TIGHTEN AIR CONDITIONER UNIT ASSEMBLY

- (a) Fully tighten the air conditioner unit assembly with the 3 bolts and 4 nuts.



Torque: 9.8 N*m (100 kgf*cm, 87 in.*lbf)

NOTICE:

- Tighten the bolts in numerical order shown in the illustration to install the air conditioner unit assembly.
- Install the air conditioner unit assembly so that there is no clearance between the duct and blower assemblies.

11. INSTALL STEERING COLUMN ASSEMBLY (Manual Tilt Type) (See page [SR-44](#))

12. INSTALL STEERING COLUMN ASSEMBLY (Power Tilt and Power Type) (See page [SR-56](#))

13. CONNECT STEERING INTERMEDIATE SHAFT SUB-ASSEMBLY (Manual Tilt Type) (See page [SR-45](#))

14. INSTALL STEERING INTERMEDIATE SHAFT SUB-ASSEMBLY (Power Tilt and Power Type) (See page [SR-56](#))

15. INSTALL AIR DUCT NO.1

- (a) Install the air duct No. 1 with the bolt.

Torque: 9.8 N*m (100 kgf*cm, 87 in.*lbf)

16. INSTALL AIR CONDITIONER AMPLIFIER ASSEMBLY

17. INSTALL SHIFT LEVER

HINT:

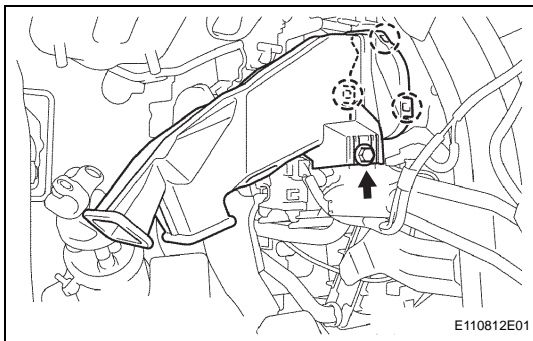
See page [AX-186](#) for U151E, [AX-189](#) for U151F.

18. CONNECT TRANSMISSION CONTROL CABLE ASSEMBLY

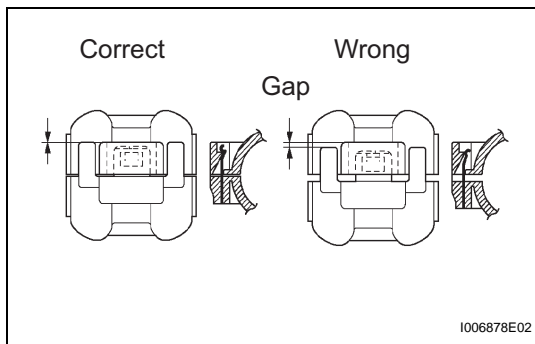
HINT:

See page [AX-163](#) for U151E, [AX-163](#) for U151F.

19. INSPECT SHIFT LEVER POSITION



AC

**20. ADJUST SHIFT LEVER POSITION**

HINT:

See page [AX-182](#) for U151E, [AX-185](#) for U151F.**21. INSTALL AIR DUCT REAR NO.1****22. INSTALL AIR DUCT REAR NO.2****23. INSTALL INSTRUMENT PANEL ASSEMBLY**

HINT:

Refer to the installation procedures for the instrument panel assembly (See page [IP-24](#)).**24. INSTALL HEATER WATER INLET HOSE****25. INSTALL HEATER WATER OUTLET HOSE****26. INSTALL COOLER REFRIGERANT SUCTION PIPE NO.1**

(a) Remove the attached vinyl tape from the hose.

(b) Coat a new O-ring with compressor oil and install it to the hose.

Compressor oil:**ND-OIL 11 or equivalent****NOTICE:**

- Do not use any compressor oil other than ND-OIL 11 or equivalent.
- If any compressor oil other than ND-OIL 11 or equivalent is used, compressor motor insulation performance may decrease, resulting in leakage of electric power.

(c) Install the cooler refrigerant suction pipe No. 1 and piping clamp.

HINT:

- Be sure to connect the hose securely.
- After connection, check the fitting for the claw of the piping clamp.

27. INSTALL AIR CONDITIONING TUBE AND ACCESSORY ASSEMBLY

(a) Remove the attached vinyl tape from the hose.

(b) Coat a new O-ring with compressor oil and install it to the pipe.

Compressor oil:**ND-OIL 11 or equivalent****NOTICE:**

- Do not use any compressor oil other than ND-OIL 11 or equivalent.
- If any compressor oil other than ND-OIL 11 or equivalent is used, compressor motor insulation performance may decrease, resulting in leakage of electric power.

(c) Install the air conditioning tube and accessory assembly and piping clamp.

HINT:

- Be sure to connect the hose securely.
- After connection, check the fitting for the claw of the piping clamp.

28. **INSTALL COWL TOP PANEL OUTER SUB-ASSEMBLY** (See page [EM-127](#))
29. **INSTALL WINDSHIELD WIPER LINK ASSEMBLY** (See page [WW-39](#))
30. **INSTALL COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY**
31. **INSTALL FRONT WIPER ARM AND BLADE ASSEMBLY LH** (See page [WW-39](#))
32. **INSTALL FRONT WIPER ARM AND BLADE ASSEMBLY RH** (See page [WW-40](#))
33. **ADD ENGINE COOLANT**
HINT:
See page [CO-1](#).
34. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
35. **CHARGE REFRIGERANT**
HINT:
See page [AC-128](#).
36. **WARM UP COMPRESSOR**
HINT:
See page [AC-128](#).
37. **CHECK FOR ENGINE COOLANT LEAKS**
HINT:
See page [CO-1](#).
38. **CHECK FOR LEAKAGE OF REFRIGERANT**
HINT:
See page [AC-128](#).
39. **REMOVE PERFORM INITIALIZATION**
NOTICE:
Some systems need initialization when disconnecting the cable from the negative battery terminal.