CU/ACC/MCC/ECC climate units for 740 (760-1987), 780/940. Heater, replacement

Vacuum motor in air distribution housing, replacement

Disconnect battery ground lead

The following operation (12) applies only to replacement of the heater:

12

Clamp heater hoses in engine compartment as illustrated.
Disconnect hoses.

13

Remove:
- ashtray and holder (press catch under ashtray upward)
- cigarette lighter and storage compartment (2 screws under plastic cover).

14

Remove:
- flame around gear lever and parking brake. Undo connector.
- rear ashtray, complete with panel and light
- screws under plastic cover in bottom of storage compartment
- parking brake cover.
Remove/disconnect on left-hand side:
- panel under dashboard (3 screws)
- air hose to steering column outlet.

Pull back carpet at center console and remove:
- screw at front of side panel
- screws at rear of side panel.

Remove on right-hand side:
- panel under glove box
- glove box and light.

Pull back carpet on right-hand side and remove:
- screw at front of side panel
- screws at rear of side panel.
Remove radio compartment.
Press rear wall forward and remove screw.

Remove side panels.
Remove screws in radio compartment bracket (each side).

Remove:
- control panel trim
- radio compartment bracket
- control panel.

Remove electrical distribution unit and bracket.

Remove:
- center panel vent
- screw securing air mixing box
- all air ducts to panel vents and air mixing box
- screws securing air ducts to rear seat
- air distributor to rear seat ducts.
Vacuum motor in air distribution housing, replacement

Disconnect:
- vacuum hoses to vacuum motors
- aspirator hose (ACC version only).

Remove air distribution housing.

If replacing heater:

Remove:
- heater mountings
- heater (four screws).

Install new heater.

If replacing vacuum motor:

Remove plate from air distribution housing (four screws).
Replace faulty vacuum motor.

Installation

Install:
- air distribution housing
- aspirator hose (cars with ACC only).

Check that foam rubber buffer is sealing joint between defroster duct and climate unit.
Reconnect vacuum hoses.

**CU system:**
Red to upper panel vent shutter. Light brown to lower panel vent shutter.
Yellow and blue to floor/defroster shutter, yellow to innermost (see also vacuum diagram on page 54).

**ACC systems:**
Red to upper panel vent shutter. Blue to defroster shutter.
Light brown to lower panel vent shutter (see also vacuum diagram on page 58).

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**Connect/install:**
- air distributor to rear floor
- screws securing air ducts to rear floor.

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**Reconnect/install:**
- air ducts to panel vents
- air mixing box
- center panel vent.

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**Reassemble ducts.**

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**Install:**
- electrical distribution unit bracket (see illustration)
- electrical distribution unit
- control panel
- radio compartment bracket
- center console side panels.
Install:
- glove box (reconnect light)
- panel under glove box.

Install panel under left side of dashboard.
Reconnect air hose.

Install:
- parking brake cover
- ashtray holder (reconnect light)
- ashtray
- frame around gear lever and parking brake. Reconnect connector.

Install:
- radio compartment and cover
- storage compartment with cover and cigarette lighter
- ashtray and holder.
If heater has been replaced:

- Reconnect heater hoses.
- Remove hose clamps.
- Top up with coolant as required.
- Reconnect battery ground lead