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**1991 Volvo 940 L4-2320cc 2.3L DOHC VIN 89 B234F FI**

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## Manual Climate Control (MCC)

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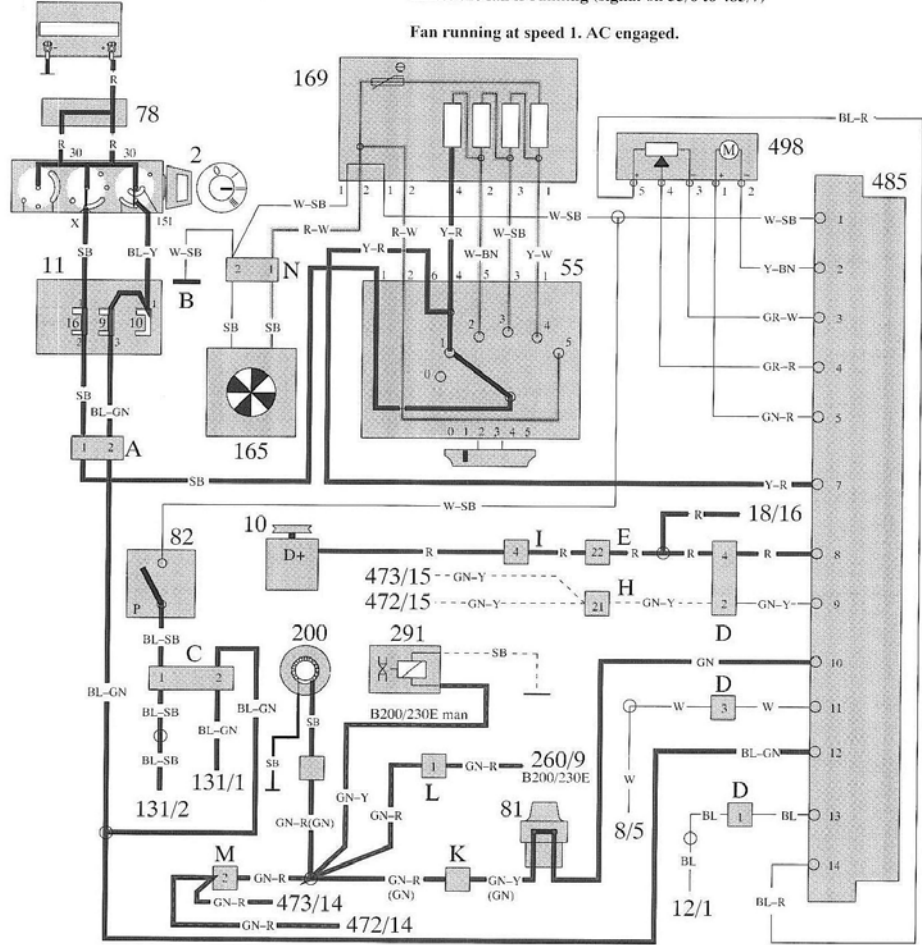
[Wiring Diagrams](#)

# Manual climate control (MCC)

- |  |   |
|--|---|
| 2 Ignition switch                                  | A 4-pole connector, combined instrument panel |
| 8 8-pole connector, electrical distribution unit   | B Ground/earth, right A-post                  |
| 10 Alternator                                      | C 2-pole connector on bulkhead                |
| 11 Fuse box  | D 4-pole connector, combined instrument panel |
| 12 12-pole connector, electrical distribution unit | E Connector, left A-post                      |
| 18 18-pole connector, electrical distribution unit | H Connector, right A-post                     |
| 55 Heater fan switch                               | I 8-pole connector, left wheel housing        |
| 78 Positive terminal                               | K 1-pole connector on bulkhead                |
| 81 Pressure sensor, AC                             | L 2-pole connector on bulkhead                |
| 82 Pressure sensor, electric cooling fan           | M 8-pole connector, right wheel housing       |
| 131 Relay, electric cooling fan                    | N 2-pole connector at heater                  |
| 165 Heater fan                                     | ○ Soldered joint                              |
| 169 Resistor, heater fan                           | Fuse No. 9                                    |
| 200 Compressor solenoid                            | Turn/direction indicator                      |
| 291 Solenoid valve, idle compensation, AC          |   |
| 472 Control unit, LH-jetronic 2.4                  |   |
| 473 Control unit Regina                            |   |
| 485 Climate controls MCC                           |   |
| 498 MCC distribution shutter, servo                |   |

The AC will not operate unless the fan is running (signal on 55/6 to 485/7)

Fan running at speed 1. AC engaged.



Zoom

Sized for Print

Component / Location Views



**78 Positive terminal**  
**81 Pressure sensor, AC**  
**82 Pressure sensor, electric cooling fan**

**131 Relay, electric cooling fan**  
**165 Heater fan**  
**169 Resistor, heater fan**

11 Fuse box  
**12** 12-pole connector, electrical distribution unit  
**18** 18-pole connector, electrical distribution unit  
 55 Heater fan switch

**498 MCC distribution shutter, servo**

**A** 4-pole connector, combined instrument panel  
**B** Ground/earth, right A-post  
**C** 2-pole connector on bulkhead

**E Connector, left A-post**

**K 1-pole connector on bulkhead**

**N 2-pole connector at heater**

200 Compressor solenoid  
 291 Solenoid valve, idle compensation, AC  
 472 Control unit, LH-jetronic 2.4  
 473 Control unit Regina  
 485 Climate controls MCC

**D** 4-pole connector, combined instrument panel

**H** Connector, right A-post

**I** 8-pole connector, left wheel housing

**L** 2-pole connector on bulkhead

**M** 8-pole connector, right wheel housing