

Volvo ECC (Electronic Climate Control) Fault Code List

- 111 No fault
- 121 Outside temperature sensor shorted to ground
- 122 Outside temperature sensor open circuit or shorted to 12 volts
- 123 Driver's side interior temperature sensor shorted to ground
- 124 Driver's side interior temperature sensor open circuit or shorted to 12 volts
- 125 Passenger's side interior temperature sensor shorted to ground(earth)
- 126 Passenger's side interior temperature sensor open circuit or shorted to 12 volts
- 131 Driver's side air duct temperature sensor shorted to ground(earth)
- 132 Driver's side air duct temperature sensor open circuit or shorted to 12 volts
- 133 Passenger's side air duct temperature sensor shorted to ground(earth)
- 134 Passenger's side air duct temperature sensor open circuit or shorted to 12 volts
- 135 No signal from engine coolant temperature sensor
- 141 Faulty signal from driver's side temperature selector switch
- 143 Faulty signal from passenger's side temperature selector switch
- 145 Faulty signal from function selector switch
- 151 Signal from fan speed sensor missing or too high
- 152 Signal from fan speed sensor shorted to earth
- 211 Driver's side damper motor position sensor open circuit or shorted to 12 volts
- 212 Driver's side damper motor position sensor shorted to earth
- 221 Passenger's side damper motor position sensor open circuit or shorted to 12 volts
- 222 Passenger's side damper motor position sensor shorted to earth
- 231 Ventilation damper motor position sensor open circuit or shorted to 12 volts
- 232 Ventilation damper motor position sensor shorted to earth
- 233 Floor/defrost damper motor position sensor open circuit or shorted to 12 volts
- 234 Floor/defrost damper motor position sensor shorted to earth
- 235 Recirculation damper motor position sensor open circuit or shorted to 12 volts
- 236 Recirculation damper motor position sensor shorted to earth
- 311 Driver's side damper motor shorted to earth or shorted to 12 volts
- 312 Passenger's side damper motor shorted to earth or shorted to 12 volts
- 313 Ventilation damper motor shorted to earth or shorted to 12 volts
- 314 Floor/defrost damper motor shorted to earth or shorted to 12 volts
- 315 Recirculation damper motor shorted to earth or shorted to 12 volts
- 321 Driver's side damper motor active too long
- 322 Passenger's side damper motor active too long
- 323 Ventilation damper motor active too long
- 324 Floor/defrost damper motor active too long
- 325 Recirculation damper motor active too long
- 411 Blower fan seized or drawing excessive current
- 412 Driver's side interior temperature sensor inlet fan shorted to earth
- 413 No control voltage at driver's side interior temperature sensor inlet fan

- 414 Driver's side interior temperature sensor inlet fan seized
- 415 Passenger's side interior temperature sensor inlet fan shorted to earth
- 416 No control voltage at passenger's side interior temperature sensor inlet fan
- 417 Passenger's side interior temperature inlet fan seized
- 418 No control signal to blower fan power stage
- 419 Faulty diagnostic signal from blower fan power stage
- 420 ECU fault in program memory
- 511 Damper motor limit position self-adjustment not carried out