

# Troubleshooting

## Flowchart — Max Cool Motor

Problem in the max cool motor circuit.

Remove the glove box lower panel (see page 21-54).

Disconnect the 4P connector from the max cool motor.

Turn the ignition switch ON.

Measure voltage between the BLK/YEL wire terminal (+) and body ground (-).

Is the battery voltage?

NO

Repair open in the BLK/YEL wire between the No. 19 (7.5 A) fuse in the under-dash fuse/relay box and the max cool motor.

YES

Turn the ignition switch OFF.

Test the max cool motor (see page 22-60).

Is the max cool motor OK?

NO

Remove the max cool motor (see page 22-60).

YES

Remove the climate control unit (see page 22-6).

Disconnect the 30P connector from the climate control unit.

To page 22-27

AIR MIX  
CONTROL MOTOR

MAX COOL  
MOTOR

4P CONNECTOR

BLK

YEL/BLU

RED/BLU

View from wire side

Check the max cool linkage and door for smooth movement.

Do the max cool linkage and door move smoothly?

NO

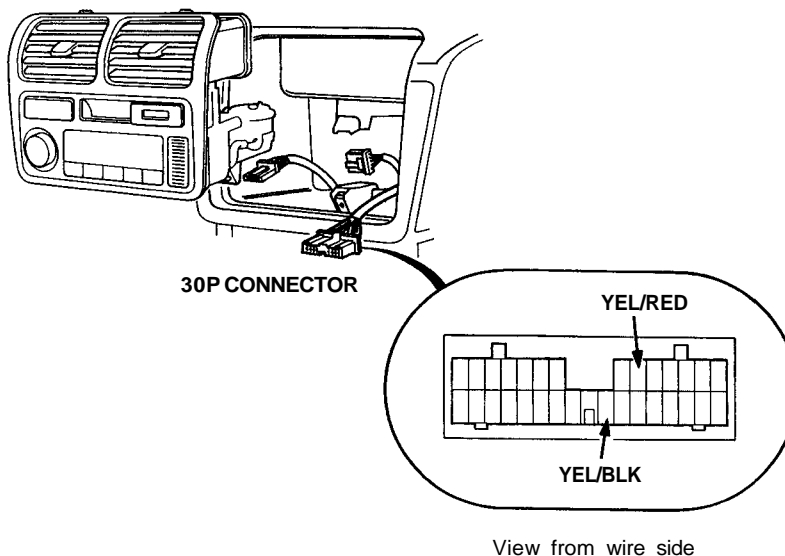
Repair the max cool linkage or door.

YES

Replace the max cool motor.



From page 22-26



Check each wire for continuity between the max cool motor and the climate control unit:

- YEL/BLK wire
- YEL/RED wire

Is there continuity?

NO

Repair any open in the wire(s) between the max cool motor and the climate control unit..

YES

Check each wire for continuity at either connector to body ground:

- YEL/BLK wire
- YEL/RED wire

Is there continuity?

YES

Repair any short in the wire(s) between the max cool motor and the climate control unit.

NO

Substitute a known-good climate control unit and recheck. If symptom/indication goes away, replace the original climate control unit.