

# ENGINE COOLING FAN

1993 Mitsubishi Montero

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Specifications & Electric Cooling Fans

Chrysler Corp.: Ram-50  
Mitsubishi: Montero & Pickup

## COMPONENT TESTING

### Motor

Disconnect electric cooling fan motor at junction. Using 2 jumper wires, ground one lead and apply battery voltage to other. Fan should rotate. If fan does not rotate, replace motor.

### Radiator Fan Switch

Using an ohmmeter, check switch continuity in hot water. Switch should be open at less than 180°F (82°C) and continuity should exist at more than 185°F (85°C). Replace radiator fan switch if it does not test as specified.

### Electric Cooling Fan Relay

Remove relay from relay box in front of right suspension tower. Connect battery between terminals No. 1 and 2. See Fig. 1. Continuity should exist between terminals No. 3 and 4. With battery disconnected, continuity should exist between terminals No. 1 and 2 and should not exist between terminals No. 3 and 4. Replace relay if it does not test as specified.

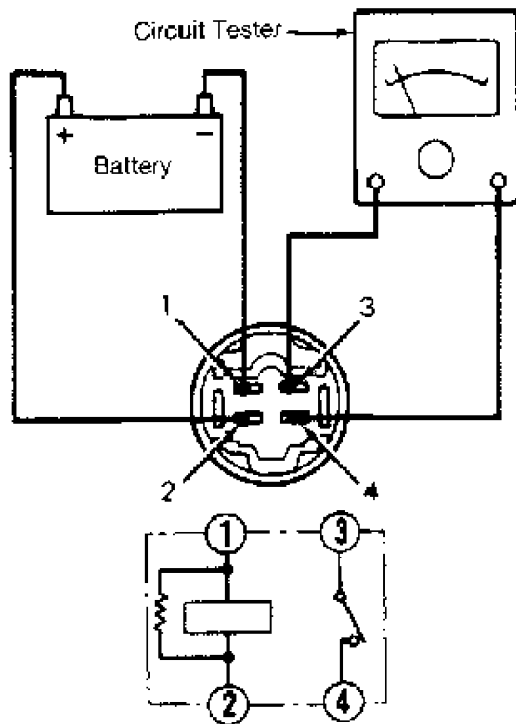


Fig. 1: Testing Electric Cooling Fan Relay  
Courtesy of Mitsubishi Motor Sales of America.

NOTE: For appropriate wiring diagram, see WIRING DIAGRAMS.

