



Subject: Radiator Fan Malfunctions

Application: 1992 9000 Models

CATEGORY		Electrical	
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On some 1992 9000 models, the radiator fan may fail to start due to corrosion of a crimped connection in the wiring harness. This could lead to a customer complaint of intermittent high temperature reading. This problem can be remedied by replacing the wiring harness as stated below.

Cars Affected:

All 1992 9000 models

Parts:

Wiring Harness P/N 45 82 441

This wiring harness is designed solely to remedy this problem and is available as a spare part.

Action:

Refer to the Cooling system in Service Manual 3:2 (P/N 03 45 033) pages 106 and 107 for fault tracing procedures. If faulty, proceed as follows.

Check crimped connection in the event of a radiator fan malfunction where an open circuit or large voltage drop in the blue lead (881 BU 0.5) can be established.

The crimped connection is in the front wiring harness.

Do not repair the crimped connection, replace this part of the wiring harness as follows:

1. Unplug the 24-pin connector (H24-2) behind the LH headlamp and disconnect the blue lead (881 BU 0.5) from position 7. Refer to Figure 1.

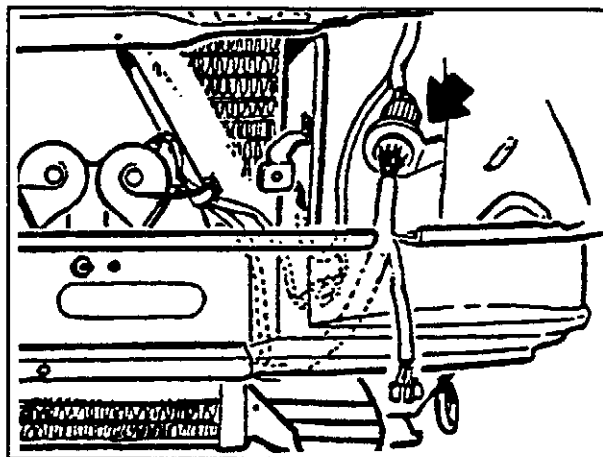


Figure 1. 24-pole connector near the left headlamp.

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2. Unplug the 4-pin connector (H4-14) for the temperature switch and disconnect the blue lead (881 BU 0.5) from position 1. Refer to Figure 2.

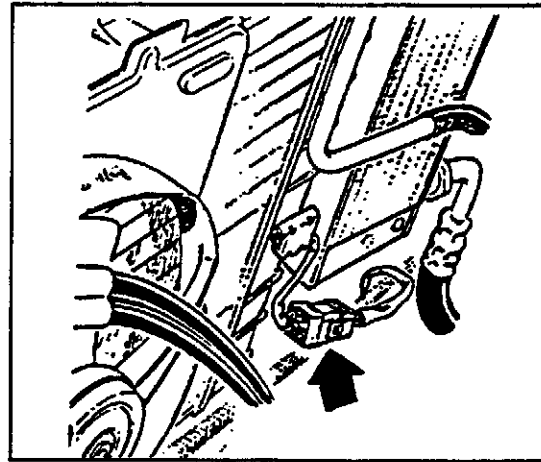


Figure 2. 4-pin connector (H4-14).

3. Unplug the 4-pin connector (H4-12) for the radiator fan pressure switch, AC and ACC, and disconnect the blue lead (881B BU 0.5) from position 3. Refer to Figure 3.

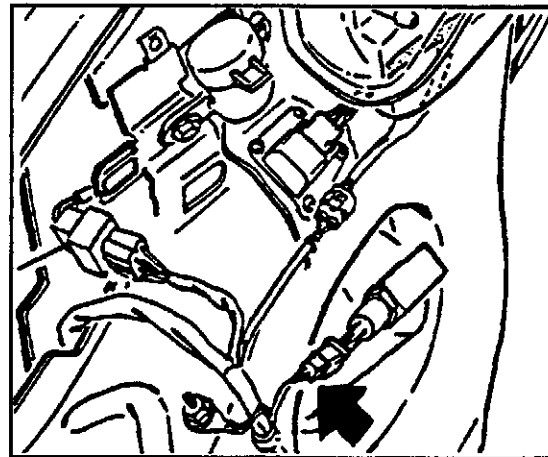


Figure 3. 4-pin connector (H4-12).

4. Install the new wiring harness. Secure the new harness using cable ties alongside the old wiring harness, making sure that it is routed correctly.
5. Warm up the engine and check that the radiator fan is operating properly.

Warranty Information:

For warranty claims, use failure coding 37110-66-9-01-03. Straight time allowance is 0.4 hours.