

Instructions (60285)

THIS UNIT FITS ONLY:

500 SEC	84 - 85	300SD	81 - 85	380SEC	82 - 83
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500 SEL	84 - 85	380SE	84 - 85	380SEL	81 - 83
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Prior to installation of the Control Unit:

- 1- Inspect and clean **fuse contacts** in the fuse box.
- 2- Verify that the **Fuse Amperage** is rated as suggested by original manufacturer to avoid overload and burning of control unit circuit board.
- 3- Check **Auxiliary Pump**, and if needed replace it **prior to installation** of new control unit.

Perform steps 1 - 4 prior to installation.

1. Turn off ignition and disconnect (L) Left and (R) Right connectors from climate control unit.
2. (+) L pin 12 → (-) L pin 10. Turn key to run position. Current draw = less than 1.3 amps. **IF NOT, REPLACE AUXILIARY PUMP OR WARRANTY IS VOID.**
3. (+) L pin 12 → (-) R pin 4 = 11 to 19 ohms, **IF NOT, STOP & REPLACE MONOVALVE.**
4. (+) R pin 6 → (-) R pin 3 = greater than 35 ohms, **IF NOT, STOP & REPLACE A.C. COMPRESSOR RELAY.**

GENERAL TROUBLESHOOTING NOTES

ORIGINAL UNIT PROBLEM

Symptoms	Test/Suspect Problems	Solution
No power, no fan, no flaps.	Check Fuse.	Replace Fuse.
	(+) L pin 12 → (-) L pin 10. Turn key to run position Isolate Pump. Current draw = less than 1.3 amps.	Replace Auxiliary pump, and Climate Control Unit.
Heat stays on.	Monovalve test. (+) L pin 12 → (-) R pin 4 = 11 - 19 ohms	Replace Monovalve, replace Climate Control Unit.
No A.C. compressor.	Check A.C. Compressor Fuse.	Replace Fuse.
	(+) R pin 6 → (-) R pin 3 = less than 35 ohms	Replace A.C. Compressor Relay.
	(+) R pin 6 → (-) R pin 3 = greater than 55 ohms	Check ETR switch.
		Check low refrigerant pressure switch / low refrigerant pressure.
	Check A.C. Compressor Relay.	

NEW UNIT PROBLEMS

Symptom	Test/Suspect Problem	Solution
Constant heat with no fresh, nozzle, or recirc flap control.	Temperature Control Unit.	Replace Temperature Control Unit.
No automatic fan speed control.	Temperature Control Unit.	Replace Temperature Control Unit.
No fan or fan speed will not change.	Check fuse.	Replace fuse.
	Check fan.	Replace fan.
		Replace Blower Control Unit.