

Instructions (60585)

THIS UNIT FITS ONLY:

420SEL 86 - 87 560SEC 86 - 87

560SEL 86 - 87 300SDL 86 - 87

Perform steps 1 - 4 prior to installation.

1. Turn ignition off and disconnect (L) Left and (R) Right connectors from Climate Control Unit.
2. (+) L pin 13 ÷ (-) L pin 9 = 11-19 ohms. **IF NOT, STOP AND REPLACE MONO-VALVE.**
3. (+) L pin 13 ÷ (-) L pin 10 = greater than 5 ohms. **IF NOT STOP AND REPLACE AUXILIARY WATER PUMP**
4. Insure Auxiliary Pump is not seized, **IF SEIZED, STOP AND REPLACE AUXILIARY PUMP.**

GENERAL TROUBLESHOOTING NOTES

ORIGINAL UNIT PROBLEM

Symptoms Test/Suspect Problems Solution

No control, flaps, heat, A.C.	Check fuse.	Replace fuse.
Air outlet temperature too low when heat is at max.	Monovalve defective . (+) L pin 13 ÷ (-) L pin 9 = 11-19 ohms	Replace monovalve
Footwell flaps function incorrectly. Heated air at center outlets then cools.	Auxiliary water pump defective. (+) L pin 13 ÷ (-) L pin 10 = greater than 5 ohms	Replace Auxiliary Water pump.

NEW UNIT PROBLEMS

Symptom Test/Suspect Problem Solution

Low or no A.C. output.	Evaporator Temperature sensor (-) R pin 10 → (+) R pin 4 = 9.5k ohms @ 77° Fahrenheit.	Replace sensor.
	In Car Temperature sensor. (-) R pin 10 → (+) R pin 2 = 9.5k ohms @ 77° Fahrenheit.	Replace sensor.
	Outside Temperature sensor. (-) R pin 10 → (+) R pin 9 = 2.4k ohms @ 77° Fahrenheit.	Replace sensor.
	Engine Coolant Temperature sensor. (-) R pin 12 → (+) R pin 8 = .9 - 1.8k ohms @ 140° Fahrenheit.	Replace sensor.
	A.C. Cutout Control Unit defective.	Replace A.C. Cutout Control Unit.
	A.C. Compressor low pressure switch/low refrigerant pressure.	Repair as needed.
Temperature Control inaccurate.	Heater Core temperature sensor. (-) R pin 10 → (+) R pin 7 = 9.5k ohms @ 77° Fahrenheit.	Replace sensor.
	Faulty sensors test as listed above.	Replace sensor(s).
	A.C. Cutout Control unit defective.	Replace as needed.
Blower cannot be switched off.	Blower Regulator defective.	Replace as needed.
Blower fluctuates up and down, or runs at half speed.	Blower Regulator defective.	Replace as needed.
	Interior Temperature sensor ventilation not working.	Replace Aspirator Blower.

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