

40885 Instructions

THIS UNIT FITS ONLY:

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|-------------|---------|----------|---------|
| 300CE Coupe | 88 Only | 300E 2.6 | 87 - 88 |
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|------|---------|-------------|---------|
| 300E | 86 - 88 | 300TE Wagon | 88 Only |
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It is strongly recommended the Auxiliary Pump is changed prior to installing Push Button Control Unit.

Perform steps 1 - 2 prior to installation.

1. Turn ignition off and disconnect (L) Left and (R) Right connectors from Climate Control Unit.
2. Isolate Auxiliary Pump. Current draw = less than 1.3 amps. **IF NOT, REPLACE AUXILIARY PUMP OR WARRANTY IS VOID.**

NOTE: TIME DELAY'S ON CERTAIN FUNCTIONS MAY VARY DUE TO RE-ENGINEERING.

THREE YEAR WARRANTY

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 pump test. Isolate Pump. Current draw = less than 1.3 amps. Left – Pin # 10 | Replace Auxiliary Water pump. |

NEW UNIT PROBLEMS

| Symptom | Test/Suspect Problem | Solution |
|---|--|-----------------------------------|
| Low or no A.C. output. | NOTE: TIME DELAY'S ON CERTAIN FUNCTIONS MAY VARY DUE TO RE-ENGINEERING | |
| | 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 10 → (+) 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. |