

# Instructions (41885)

## THIS UNIT FITS ONLY:

300D Turbo Diesel	1987
300TD Turbo Diesel Wagon	1987

**It is strongly recommended the Auxiliary Pump is changed prior to installing Push Button Control Unit.**

Perform steps 1 - 3 prior to installation.

1. Turn ignition off and disconnect (L) Left and (R) Right connectors from Climate Control Unit.
2. (+) L pin 13  $\Rightarrow$  (-) L pin 9 = 11-19 ohms. **IF NOT STOP AND REPLACE MONOVALVE.**
3. Isolate Auxiliary Pump. Current draw = less than 1.3 amps. **IF NOT, REPLACE AUXILIARY PUMP OR WARRANTY IS VOID.**

ProgRama needs your experience and inputs to make a better product. Call or email tech support today 8:30 am to 5:00 pm EST, with your idea, question or problem.

1 800 668-8843



## THREE YEAR WARRANTY

- 1- Call your Wholesale Distributor for a replacement part.
- 2- If you have difficulties to obtain a replacement, call ProgRama, Inc. We offer up to 48 hrs. turn-around time for bench testing service.
- 3- Visit our web site [www.programainc.com](http://www.programainc.com) and become familiar with our products and services.

**Warning ! Return Core In ProgRama Box for Proper Core-Deposit Refund**

# 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 pump test. Isolate Pump. Current draw = less than 1.3 amps	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 12 = 2.4k ohms @ 77° Fahrenheit.	Replace sensor.
	Engine Coolant Temperature sensor. (-) R pin 10 – (+) L 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.



Thank you for buying a quality part from ProgRama, Inc. of Boca Raton, Florida !