

Instructions (43385)

THIS UNIT FITS ONLY:

300CE COUPE	88 - 89	300CE-24 COUPE	90 - 92	320CE CONVERTIBLE	1993		
300E	89 - 93	300E2.6	89 - 93	300E 2.8	1993	300D 2.5 TURBO	90 - 93
300E 3.2	93	320CE COUPE	93	300E 4MATIC	90 - 93	300TE WAGON	88 - 92
300TE WAGON	93	300TE 4MATIC WGN	90 - 93	E320	94 - 95	E320 D	95
E320 WAGON	94 - 95	E320 CONV	94 - 95	E300 3.2 Coupe	94 - 95	E420	92 - 93
E500	92 - 93	400E 4.2	92 - 93	E500	94		

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. Auxiliary water pump test. Remove connectors:
Set meter to Ohms: (+) L pin 13 - (-) L pin 10 = greater than 6 ohms
Set meter to Amps: (+) L pin 10 - (-) R pin 12
Turn key to the run position. Current draw = less than 1.5 amps, **IF NOT, REPLACE AUXILIARY WATER PUMP OR WARRANTY IS VOID.**

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.	Auxiliary water pump test. Remove connectors. Set meter to ohms. (+) L pin 13 = (-) L pin 10 = greater than 6 ohms. Set meter to Amps: (+) L pin 10 = (-) R pin 12. Turn key to the run position. Current draw = less than 1.5 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 = 9.5 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 = 2.4 ohms @ 77° Fahrenheit.	Replace sensor.
	Engine Coolant Temperature sensor. (-) R pin 10 = (+) R pin 8 = .9 - 1.08k 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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