

Instructions (90585)

THIS UNIT FITS ONLY:

300SL	90 - 93	SL500	94 - current
SL320	94 - 96	600SL	93
500SL	90 - 92	SL600	94 - 96

Please verify this is the correct unit for your application.

GENERAL TROUBLESHOOTING NOTES

ORIGINAL UNIT PROBLEM

Symptoms Test/Suspect Problems Solution

No Power	Blown Fuse	Check fuse
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NEW UNIT PROBLEMS

For all other failures, perform self diagnostic test below.

1. Temperature wheel to "white" field.

2. Turn ignition on and press "F", "Recirculate", and "Rest" simultaneously for 2 - 4 seconds.

3. The display will show each permanent "Diagnostic Test Code" stored in memory.

4. Record each of these "DTC'S" and compare them to the fault code list to troubleshoot the problem.

5. Press recirculate again, until the display reads "END".

6. Press recirculate once again to display intermittent "DTC'S".

7. Record fault code and compare to chart to find problem circuit.

8. Press recirculate again until all fault codes have been displayed and display reads "EN[]D".

9. Continue pressing recirculate button until all temperature sensors "02 - 12" and all potentiometer and feedback potentiometer "16 - 26" have been displayed and "END" is displayed.

10. To erase the "DTC'S", turn ignition off and then on, and within 10 seconds press recirculate, rest, top air outlet until "- - -" is displayed.

11. Verify this by turning ignition off and then on and performing step 2, the display should read "01".



Self Diagnostic Fault Codes

Fault Code	Problem/
01	No stored DTC's in memory.
02	In-Car temperature sensor, short circuit.
03	In-Car temperature sensor, open circuit.
04	Outside temperature sensor, short circuit.
05	Outside temperature sensor, open circuit.
06	Evaporator temperature sensor, short circuit.
07	Evaporator temperature sensor, open circuit.
08	Heater core temperature sensor, short circuit.
09	Heater core temperature sensor, open circuit.
12	ECT sensor, short circuit.
13	ECT sensor, open circuit.
16	Center air outlet adjuster short circuit.
17	Center air outlet adjuster open circuit.
18	Center air outlet adjuster feedback potentiometer short circuit.
19	Center air outlet adjuster feedback potentiometer short circuit.
20	Left air outlet adjuster short circuit.
21	Left air outlet adjuster open circuit.

Code

Fault Code	Problem/
22	Left air outlet adjuster feedback potentiometer short circuit.
23	Left air outlet adjuster feedback potentiometer open circuit.
24	Right air outlet adjuster short circuit.
25	Right air outlet adjuster open circuit.
26	Right air outlet adjuster feedback potentiometer short circuit.
27	Right air outlet adjuster feedback potentiometer open circuit.
30	Auxiliary coolant pump short circuit.
31	Automatic A/C monovalve short circuit.
33	A/C compressor signal short circuit.
34	Auxiliary fan signal, 2 nd stage, short circuit.
35	Auxiliary fan signal, 1 st stage, short circuit.
36	Not Used
50	Switchover valve block short circuit.
70	Auxiliary coolant pump open circuit.
71	Automatic A/C monovalve open circuit.
73	A/C compressor signal open circuit.
74	Auxiliary fan signal, 2 nd stage, open circuit.
75	Auxiliary fan signal, 1 st stage, open circuit.