

Heating and Air Conditioning: All Technical Service Bulletins

A/C - Solution to General Malfunctions

HEATING & AIR CONDITIONING

AC003-98

Title:

AIR CONDITIONER MALFUNCTIONS

Models:

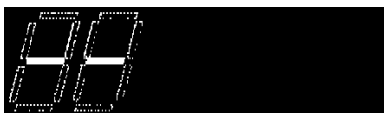
'98 GS 300/400

September 4, 1998

Introduction

Some early production 1998 model year GS 300s and 400s may display one or more of the following conditions while driving with the Air Conditioner ON:

- ^ Air Conditioner Magnetic Clutch will not engage.
- ^ Engine Coolant Temperature Gauge does not function.
- ^ Automatic Transmission Indicator Lamp in combination meter doesn't function.



- ^ Outside Temperature Display indicates two centered bars illuminated (as shown in illustration) "freezes" or goes blank.
- ^ Blower motor inoperative

NOTE:

1. Normal A/C system operation is restored after the ignition switch is cycled once.
2. Condition may be Intermittent.

Affected Vehicles

- ^ 1998 model year GS 300s produced before VIN JT8BD68S*W0020000 and
1998 model year GS 400s produced before VIN JT8BH68X*W0007400

OLD PART NUMBER	NEW PART NUMBER	PART NAME
89661-3A460 89661-3A461 89661-3A462	89661-3A464 SEE SSC WL2	Engine Control Computer for GS 400
89661-3A420	89661-3A422	Engine Control Computer for GS 300
88650-3A230	no change	AC ECU with Navigation (GS 300/400)
88650-3A251	88650-3A252	AC ECU without Navigation (GS 300/400)

Parts Information

OP CODE	COMB.	DESCRIPTION	TIME	MODEL	OPN	T1	T2
895011		R&R Engine Control Module	0.7	GS 300*	89661-3A420		
883851	D	R&R AC ECU	0.6	W/NAV	88650-3A230	87	99
				W/O NAV	88650-3A252		

Applicable Warranty:**

This repair is covered under the Lexus Powertrain Warranty. This warranty is in effect for 72 months or 70,000 miles, whichever occurs first, from the vehicle's in-service date.

* For ECU replacement warranty information on GS 400 please refer to SSC WL2.

** Warranty application is limited to correction of a problem based upon a customer's specific complaint.

Warranty Information

PART	AC ECU	Note	ECM
MODEL	VIN	SSC WL2	VIN
GS 400	JT8BH68X*W0007400	ECM information included for convenience.	JT8BH68X*W0006490
GS 300	JT8BD68S*W0020000		JT8BD68S*W0013500

Production Change Information

Repair Procedure

1. If a 1998 model GS produced prior to the VIN indicated in the Production Change Information table exhibits any of the symptoms described, replace the AC ECU with an improved one as indicated in the parts information table.
2. Additionally, check the part number of the ECM and replace if it is not a current production part as indicated in the parts information table.

NOTE:

ECM may have been replaced with current production part for SSC WL2. Always verify involvement/completion of SSC WL2 prior to proceeding with ECM replacement. If the vehicle is involved in SSC WL2, but does not show completion, follow SSC WL2 procedures for ECM replacement.