

PROBLEM SYMPTOMS TABLE

Symptom	Suspect Area	See page
Whole functions of the A/C system does not operate	<ol style="list-style-type: none"> A/C amplifier ACC power source circuit 	IN-34 DI-656
Air Flow Control: No blower operation	<ol style="list-style-type: none"> ACC power source circuit Heater main relay circuit Blower motor circuit A/C amplifier 	DI-656 DI-659 DI-663 IN-34
Air Flow Control: No blower control	<ol style="list-style-type: none"> Heater main relay circuit Blower motor circuit A/C amplifier Solar sensor circuit 	DI-659 DI-663 IN-34 DI-623
Air Flow Control: Insufficient air flow	Blower motor circuit	DI-663
Temperature Control: No cool air comes out	<ol style="list-style-type: none"> Refrigerant volume Drive belt tension Refrigeration system inspection with manifold gauge set Compressor circuit Pressure switch circuit Air mix damper position sensor circuit Air mix damper control servomotor circuit Room temp. sensor circuit Ambient temp. sensor circuit A/C amplifier 	AC-23 * AC-16 * AC-3 * DI-666 DI-629 DI-632 DI-641 DI-614 DI-617 IN-34
Temperature Control: No warm air comes out	<ol style="list-style-type: none"> Air mix damper position sensor circuit Air mix damper control servomotor circuit Room temp. sensor circuit Ambient temp. sensor circuit Evaporator temp. sensor circuit A/C amplifier 	DI-632 DI-641 DI-614 DI-617 DI-620 IN-34
Temperature Control: Output air is warmer or cooler than the set temperature or response is slow	<ol style="list-style-type: none"> Refrigerant volume Drive belt tension Refrigeration system inspection with manifold gauge set Cooling fan system Solar sensor circuit Room temp. sensor circuit Ambient temp. sensor circuit Evaporator temp. sensor circuit Air mix damper position sensor circuit Air mix damper control servomotor circuit Air inlet damper position sensor circuit Air inlet damper control servomotor circuit Condenser Evaporator Heater radiator Expansion valve A/C amplifier 	AC-23 * AC-16 * AC-3 * CO-21 DI-623 DI-614 DI-617 DI-620 DI-632 DI-641 DI-635 DI-644 AC-48 * - - - IN-34

DIAGNOSTICS - AIR CONDITIONING SYSTEM

Symptom	Suspect Area	See Page
Temperature Control: No temperature control (only Max. cool or Max. warm)	<ol style="list-style-type: none"> Room temp. sensor circuit Ambient temp. sensor circuit Air mix damper position sensor circuit Air mix damper control servomotor circuit A/C amplifier 	DI-614 DI-617 DI-632 DI-641 IN-34
No air inlet control	<ol style="list-style-type: none"> Air inlet damper position sensor circuit Air inlet damper control servomotor circuit A/C amplifier 	DI-635 DI-644 IN-34
No air flow mode	<ol style="list-style-type: none"> Air outlet damper position sensor circuit Air outlet damper control servomotor circuit A/C amplifier 	DI-638 DI-647 IN-34
Engine idle up does not occur, or is continuous	<ol style="list-style-type: none"> Compressor circuit A/C amplifier 	DI-666 IN-34
Set temp. value displayed does not change with operation of temp. control switch.	A/C amplifier	IN-34
DTC not recorded. Set mode is cleared when IG switch is turned off.	<ol style="list-style-type: none"> Back-up power source circuit A/C amplifier 	DI-650 IN-34

*: LEXUS IS200 Repair Manual Pub. No. RM684E