

## PROBLEM SYMPTOMS TABLE

Symptom	Suspect Area	See page
Whole functions of the A/C system does not operate.	3. IG power source circuit 4. A/C control assembly	<a href="#">DI-622</a> <a href="#">IN-28</a>
Air Flow Control: No blower operation	1. Heater main relay circuit 2. Blower motor circuit 3. Engine coolant temperature sensor circuit 4. IG power source circuit 5. A/C control assembly	<a href="#">DI-627</a> <a href="#">DI-630</a> <a href="#">DI-597</a> <a href="#">DI-622</a> <a href="#">IN-28</a>
Air Flow Control: No blower control	1. Blower motor circuit 2. IG power source circuit 3. Heater main relay circuit	<a href="#">DI-630</a> <a href="#">DI-622</a> <a href="#">DI-627</a>
Air Flow Control: Insufficient air out	1. Blower motor circuit	<a href="#">DI-630</a>
Temperature Control: No cool air comes out	1. Volume of refrigerant 2. Drive belt tension 3. Inspect refrigeration system with manifold gauge set 4. Compressor circuit 5. Pressure switch circuit 6. Air mix control servomotor circuit 7. Air mix damper position sensor circuit 8. Room temp. sensor circuit 9. Ambient temp. sensor circuit 10. A/C control assembly	<a href="#">AC-3</a> <a href="#">AC-16</a> <a href="#">AC-3</a> <a href="#">DI-632</a> <a href="#">DI-603</a> <a href="#">DI-612</a> <a href="#">DI-606</a> <a href="#">DI-588</a> <a href="#">DI-591</a> <a href="#">IN-28</a>
Temperature Control: No warm air comes out	1. Air mix control servomotor circuit 2. Air mix damper position sensor circuit 3. Ambient temp. sensor circuit 4. Room temp. sensor circuit 5. Evaporator temp. sensor circuit 6. A/C control assembly 7. Heater radiator (in heater unit)	<a href="#">DI-612</a> <a href="#">DI-606</a> <a href="#">DI-591</a> <a href="#">DI-588</a> <a href="#">DI-594</a> <a href="#">IN-28</a> <a href="#">AC-34</a>
Temperature Control: Output air is warmer or cooler than the set temperature or response is slow.	1. Volume of refrigerant 2. Drive belt tension 3. Inspect refrigeration system with manifold gauge set 4. Ambient temp. sensor circuit 5. Evaporator temp. sensor circuit 6. Solar sensor circuit 7. Air mix damper position sensor circuit 8. Engine coolant temp. sensor circuit 9. Air mix control servomotor circuit 10. Compressor 11. Condenser 12. Receiver 13. Evaporator 14. Heater radiator (in heater unit) 15. Expansion valve 16. A/C control assembly	<a href="#">AC-3</a> <a href="#">AC-16</a> <a href="#">AC-3</a> <a href="#">DI-591</a> <a href="#">DI-594</a> <a href="#">DI-600</a> <a href="#">DI-606</a> <a href="#">DI-597</a> <a href="#">DI-612</a> <a href="#">AC-49</a> <a href="#">AC-60</a> <a href="#">AC-57</a> <a href="#">AC-29</a> <a href="#">AC-34</a> <a href="#">AC-24</a> <a href="#">IN-28</a>
Temperature Control: No temperature control (only Max. cool or Max. warm)	1. Air mix control servomotor circuit 2. Air mix damper position sensor circuit 3. A/C control assembly	<a href="#">DI-612</a> <a href="#">DI-606</a> <a href="#">IN-28</a>
No air outlet control	1. Air outlet control servomotor circuit 2. A/C control assembly	<a href="#">DI-619</a> <a href="#">IN-28</a>
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. A/C control assembly	<a href="#">DI-632</a> <a href="#">IN-28</a>

## DIAGNOSTICS - AIR CONDITIONING SYSTEM

Symptom	Suspect Area	See page
Set temperature value displayed does not match up with operation of temperature control switch.	1. A/C control assembly	<a href="#">IN-28</a>
Brightness does not change when rheostat volume or light control switch is turned.	1. Illumination light system 2. A/C control assembly	<a href="#">BE-15</a> <a href="#">IN-28</a>
Unable to access the diagnosis mode.	A/C control assembly	<a href="#">IN-28</a>
DTC not recorded. Set mode is cleared when IG switch is turned off.	1. Back-up power source circuit 2. A/C control assembly	<a href="#">DI-625</a> <a href="#">IN-28</a>