050TM–09

PROBLEM SYMPTOMS TABLE

Front A/C

Symptom	Suspect Area	See page
Whole functions of the A/C system does not operate.	1. IG power source circuit	05–1091
	2. A/C amplifier assy	05–1034
	3. Heater control panel communication circuit	05–1117
Air Flow Control : No blower operation	1. Blower motor circuit	05–1097
	2. A/C amplifier assy	05–1034
Air Flow Control : No blower control	1. Blower motor circuit	05–1097
Air Flow Control : Insufficient air out	1. Blower motor circuit	05–1097
	2. A/C amplifier assy	05–1034
Temperature Control : Cool air does not come out	1. Volume of refrigerant	55–20
	2. Drive belt tension 3RZ–FE	55–40
	1KZ–TE	55–44
	5L–E	55–42
	1KD–FTV	14–189
	3. Refrigerant pressure	55–20
	4. Compressor lock sensor circuit	05–1060
	5. Compressor circuit	05–1101
	6. Igniter circuit	05–1106
	7. Pressure switch circuit	05–1062
	8. Air mix control servomotor circuit	05–1079
	9. Air mix damper position sensor circuit	05–1067
	10.Room temp. sensor circuit	05–1041
	11.Ambient temp. sensor circuit	05–1044
	12.Vehicle speed signal circuit	05–1104
	13.A/C amplifier assy	05–1034
Temperature Control : Warm air does not come out	1. Air mix control servomotor circuit	05–1079
	2. Air mix damper position sensor circuit	05–1067
	3. Ambient temp. sensor circuit	05–1044
	4. Vehicle speed signal circuit	05–1104
	5. Room temp. sensor circuit	05–1041
	6. Evaporator temp. sensor circuit	05–1048
	7. A/C amplifier assy	05–1034
	8. Heater radiator	–
Temperature Control : Output air is warmer or cooler than the set temperature or response is slow.	1. Room temp. sensor circuit	05–1041
	2. Ambient temp. sensor circuit	05–1044
	3. Vehicle speed signal circuit	05–1104
	4. Solar sensor circuit	05–1058
	5. Air mix damper position sensor circuit	05–1067
	6. Air mix control servomotor circuit	05–1079
	7. Water temp. sensor circuit	05–1051
	8. A/C amplifier assy	05–1034
Temperature Control : No temperature control (only Max. cool or Max. warm)	1. Air mix control servomotor circuit	05–1079
	2. Air mix damper position sensor circuit	05–1067
	3. A/C amplifier assy	05–1034
No air inlet control	1. Air inlet damper control servomotor circuit	05–1082
	2. Air inlet damper position circuit	05–1070
	3. A/C amplifier assy	05–1034
No air outlet control	1. Air outlet damper position sensor circuit	05–1073
	2. Air outlet control servomotor circuit	05–1085
	3. A/C amplifier assy	05–1034
Engine idle up does not occur, or is continuous	1. Compressor circuit	05–1101
	2. A/C amplifier assy	05–1034

Set temperature value displayed does not much up with operation of temperature control switch.	1. A/C amplifier assy	05–1034
Brightness does not change when rheostat volume or light control switch it turned.	1. A/C amplifier assy	05–1034
Unable to access the diagnosis mode.	1. Heater control panel communication circuit 2. A/C amplifier assy	05–1117 05–1034
DTC is not recorded. Set mode is cleared when IG switch is turned off.	1. Back–up power source circuit 2. A/C amplifier assy	05–1093 05–1034

Rear cooler

Symptom	Suspect Area	See page
Whole functions of the A/C system does not operate.	1. A/C amplifier assy 2. Rear cooler control panel circuit	05–1034 05–1110
Air Flow Control : No blower operation	1. Rear blower motor circuit 2. A/C amplifier assy	05–1114 05–1034
Air Flow Control : No blower control	1. Rear blower motor circuit 2. A/C amplifier assy	05–1114 05–1034
Air Flow Control : Insufficient air out	1. Rear blower motor circuit 2. A/C amplifier assy	05–1114 05–1034
Temperature Control : Cool air does not come out	1. Volume of refrigerant 2. Drive belt tension 3RZ–FE 1KZ–TE 5L–E 1KD–FTV 3. Refrigerant pressure 4. Compressor lock sensor circuit 5. Compressor circuit 6. Ignitor circuit 7. Pressure switch circuit 8. Ambient temp. sensor circuit 9. Vehicle speed signal circuit 10.Rear evaporator temperature sensor circuit 11.A/C amplifier assy	55–20 55–40 55–44 55–42 14–189 55–20 05–1060 05–1101 05–1106 05–1062 05–1044 05–1104 05–1055 05–1034