

# TROUBLESHOOTING

## PROBLEM SYMPTOMS TABLE

AC22H-05

Use the table below to help find the cause of the problem. The numbers indicate the priority of the likely cause of the problem. Check each part in order. If necessary, replace these parts.

Symptom	Suspected Area	See page
No blower operation	1. HTR Fuse 2. Heater main relay 3. Blower motor 4. Blower resistor 5. Blower speed control switch 6. Wire harness	– <a href="#">AC-82</a> <a href="#">AC-77</a> <a href="#">AC-78</a> <a href="#">AC-103</a> –
No air temperature control	1. Engine coolant volume 2. Heater control assembly 3. Water valve	– <a href="#">AC-99</a> <a href="#">AC-74</a>
No compressor operation	1. Refrigerant volume 2. A.C Fuse 3. Magnetic clutch 4. Compressor 5. Pressure switch 6. Heater main relay 7. Blower speed control switch 8. A/C switch 9. Integration control and panel 10. Thermistor 11. Wire harness	<a href="#">AC-3</a> – 1GR-FE: <a href="#">AC-52</a> 2UZ-FE: <a href="#">AC-59</a> 1GR-FE: <a href="#">AC-52</a> 2UZ-FE: <a href="#">AC-59</a> <a href="#">AC-79</a> <a href="#">AC-82</a> <a href="#">AC-103</a> <a href="#">AC-92</a> <a href="#">AC-83</a> <a href="#">AC-28</a> –
Compressor operates intermittently	1. Refrigerant volume 2. Pressure switch 3. A/C switch 4. Thermistor 5. Wire harness	<a href="#">AC-3</a> <a href="#">AC-79</a> <a href="#">AC-92</a> <a href="#">AC-28</a> –
No cool air comes out	1. Refrigerant volume 2. Refrigerant pressure 3. Drive belt 4. Magnetic clutch 5. Compressor 6. Pressure switch 7. Thermistor 8. A/C switch 9. Integration control and panel 10. Heater control assembly 11. Wire harness	<a href="#">AC-3</a> <a href="#">AC-3</a> <a href="#">AC-17</a> 1GR-FE: <a href="#">AC-52</a> 2UZ-FE: <a href="#">AC-59</a> 1GR-FE: <a href="#">AC-52</a> 2UZ-FE: <a href="#">AC-59</a> <a href="#">AC-79</a> <a href="#">AC-28</a> <a href="#">AC-92</a> <a href="#">AC-83</a> <a href="#">AC-99</a> –

Cool air comes out only at high engine rpm	1. Refrigerant volume 2. Drive belt 3. Magnetic clutch 4. Compressor 5. Condenser 6. Receiver 7. Expansion valve 8. Evaporator 9. Thermistor 10. A/C switch 11. Wire harness	1GR-FE: AC-52 2UZ-FE: AC-59 1GR-FE: AC-52 2UZ-FE: AC-59	<a href="#">AC-3</a> <a href="#">AC-17</a> <a href="#">AC-52</a> <a href="#">AC-59</a> <a href="#">AC-52</a> <a href="#">AC-59</a> <a href="#">AC-70</a> <a href="#">AC-67</a> <a href="#">AC-28</a> <a href="#">AC-34</a> <a href="#">AC-28</a> <a href="#">AC-92</a> –
Insufficient cooling	1. Refrigerant volume 2. Drive belt 3. Magnetic clutch 4. Compressor 5. Condenser 6. Receiver 7. Expansion valve 8. Evaporator 9. Refrigerant lines 10. Pressure switch 11. Integration control and panel 12. Heater control assembly	1GR-FE: AC-52 2UZ-FE: AC-59 1GR-FE: AC-52 2UZ-FE: AC-59	<a href="#">AC-3</a> <a href="#">AC-17</a> <a href="#">AC-52</a> <a href="#">AC-59</a> <a href="#">AC-52</a> <a href="#">AC-59</a> <a href="#">AC-70</a> <a href="#">AC-67</a> <a href="#">AC-28</a> <a href="#">AC-34</a> <a href="#">AC-23</a> <a href="#">AC-79</a> <a href="#">AC-83</a> <a href="#">AC-99</a>
No engine idle-up with A/C switch ON	1. Integration control and panel 2. Idle control system 3. Wire harness	1GR-FE: DI-266 2UZ-FE: DI-712	<a href="#">AC-83</a> <a href="#">DI-266</a> <a href="#">DI-712</a> –
*2A/C indicator blinks	1. Compressor 2. Drive belt 3. Compressor lock sensor 4. A/C amplifier	1GR-FE: AC-52 2UZ-FE: AC-59 1GR-FE: AC-17 2UZ-FE: AC-52 2UZ-FE: AC-59	<a href="#">AC-52</a> <a href="#">AC-59</a> <a href="#">AC-17</a> <a href="#">AC-52</a> <a href="#">AC-59</a> <a href="#">AC-83</a>
No warm air comes out	1. Engine coolant volume 2. Heater control assembly 3. Water valve 4. Heater radiator		– <a href="#">AC-99</a> <a href="#">AC-74</a> <a href="#">AC-42</a>