

Troubleshooting

Symptom-to-Components Chart

Use this chart if the self-diagnosis checks don't identify any cause for the symptom.

Across each row in the chart, the potential sources of a symptom are ranked in the order they should be inspected, starting with ①. Find the symptom in the left column, read across to the most likely source, then refer to the page listed at the top of that column. If inspection shows the component is OK, try component ②, etc.

| PAGE | SYSTEM | POWER CIRCUITS TO CLIMATE CONTROL UNIT | IN-CAR TEMPERA- TURE SENSOR | OUTSIDE AIR TEMPERA- TURE SENSOR | SUNLIGHT SENSOR | HEATER CORE TEMPERA- TURE SENSOR | EVAPORA- TOR TEM- PERATURE SENSOR | AIR MIX CONTROL MOTOR | MODE CONTROL MOTOR | RECIRCUL- ATION CONTROL MOTOR | VENT DOOR CONTROL MOTOR | BLOWER MOTOR | BLOWER SPEED CONTROLS | A/C SYSTEM | CON- DENSER FAN | COM- PRESSOR CLUTCH |
|---|---|---|--------------------------------------|--|--------------------|--|--|-----------------------------|--------------------------|--|----------------------------------|-----------------|-----------------------------|---------------|-----------------------|---------------------------|
| SYMPTOM | | 22-34 | 22-16 | 22-18 | 22-20 | 22-22 | 22-24 | 22-26 | 22-28 | 22-30 | 22-32 | 22-36 | 22-40 | 22-42 | 22-44 | 22-48 |
| Climate control system does not work at all. | | ① | | | | | | | | | | | | | | |
| No air from blower. | | ① | | | | ② | | | | | | ③ | | | | |
| No cool air from blower. | | | ① | ② | | | ③ | | | | | | | | | |
| No hot air from blower. | | | ② | | | | | ① | | | | | | | | |
| Actual temperature is different from set temperature. | | ② | ③ | ① | | | | | | | | | | | | |
| Blower motor does not run. | | | | | | | | | | | | ① | | | | |
| Blower motor speed does not change. | | | | | | ② | ③ | | | | | | ① | | | |
| Compressor clutch does not engage, and the condenser fan does not run. | *If engine coolant temperature is above 266°F (130°C) | | | | | | | | | | | | | | | |
| | If engine coolant temperature below 266°F (130°C) | | | | | | | | | | | | | ① | | |
| Condenser fan does not run, but the compressor runs normally. | | | | | | | | | | | | | | | ① | |
| Compressor clutch does not engage, but the condenser fan runs normally. | | | | ② | | | ③ | | | | | | | | | ① |

*Cool down engine coolant, and recheck. Because the fan control unit turns off the compressor and condenser fan at temperature above 266°F (130°C).