

## NO.2 AMOUNT OF AIR BLOWN FROM VENTS DOES NOT CHANGE [MANUAL AIR CONDITIONER]

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|-----------------------|--|
| <b>2</b>              | <b>Amount of air blown from vents does not change.</b>   |
| <b>DESCRIPTION</b>    | <ul style="list-style-type: none"> <li>• Malfunction in blower system</li> </ul>   |
| <b>POSSIBLE CAUSE</b> | <ul style="list-style-type: none"> <li>• Blower unit malfunction</li> <li>• Blower motor malfunction</li> <li>• Clogged in A/C unit passage</li> </ul> |

### Diagnostic procedure

| STEP | INSPECTION   |     | ACTION  |
|------|--|-----|---|
| 1    | <b>INSPECT BLOWER SYSTEM</b> <ul style="list-style-type: none"> <li>• Inspect the following systems and electrical parts. <ul style="list-style-type: none"> <li>— Blower relay</li> <li>— Blower motor</li> <li>— Resistor</li> <li>— Fan switch</li> <li>— Related wiring harnesses</li> </ul> </li> <li>• Are they normal?</li> </ul> | Yes | Go to the next step.  |
|      |  | No  | Repair or replace the malfunctioning part, then go to Step 5.                                   |
| 2    | <b>INSPECT TO SEE WHETHER MALFUNCTION IS IN A/C UNIT OR ELSEWHERE</b> <ul style="list-style-type: none"> <li>• Switch the ignition ON (engine off or on).</li> <li>• Turn the fan switch to ON position.</li> <li>• Recirculate air inside the vehicle.</li> <li>• Does the blower motor rotate smoothly?</li> </ul>                     | Yes | Go to Step 4.   |
|      |  | No  | Go to the next step.  |
| 3    | <b>INSPECT BLOWER UNIT INTAKE VENT</b> <ul style="list-style-type: none"> <li>• Inspect blower motor. <ul style="list-style-type: none"> <li>— Is the fan free of interference from the A/C unit case?</li> <li>— Is the fan free of foreign material and obstructions?</li> </ul> </li> <li>• Is the fan normal?</li> </ul>             | Yes | Go to the next step.  |
|      |  | No  | Remove obstruction, repair or replace the fan and A/C unit case, then go to Step 5.             |
| 4    | <b>INSPECT BLOWER UNIT INTAKE VENT</b> <ul style="list-style-type: none"> <li>• Is the blower unit intake vent clogged?</li> </ul>   | Yes | Remove obstruction, then go to the next step.   |
|      |  | No  | Inspect it there are not any obstructions in the blower unit passage, then go to the next step. |
| 5    | <b>VERIFY THAT MALFUNCTION SYMPTOM OCCURS AFTER REPAIR</b> <ul style="list-style-type: none"> <li>• Does air blow out?</li> </ul>  | Yes | Troubleshooting completed.<br>Explain repairs to customer.                                      |
|      |  | No  | Recheck malfunction symptoms, then repeat from Step 1 if the malfunction recurs.                |