

## 2012 - Mazda6 - HVAC

### TROUBLESHOOTING INDEX [FULL-AUTO AIR CONDITIONER]

| No. | TROUBLESHOOTING ITEM                                                       | DESCRIPTION                                                                                                                                                                                                                                      |
|-----|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Insufficient air (or no air) blown from vents                              | <ul style="list-style-type: none"><li>• Problem with each vent and/or duct</li><li>• Airflow mode does not change</li></ul>                                                                                                                      |
| 2   | Amount of air blown from vents does not change                             | <ul style="list-style-type: none"><li>• Malfunction in blower system</li></ul>                                                                                                                                                                   |
| 3   | Amount of air blown from rear vents does not change (with rear fan system) | <ul style="list-style-type: none"><li>• Problem with each rear vent.</li><li>• It does not go out of rear though it goes out of the reception desk normally.</li></ul>                                                                           |
| 4   | Air intake mode from front vent does not change                            | <ul style="list-style-type: none"><li>• Air intake mode does not change when switching REC/FRESH mode.</li></ul>                                                                                                                                 |
| 5   | No temperature control with climate control unit                           | <ul style="list-style-type: none"><li>• Malfunction in A/C unit and/or climate control unit air mix system</li><li>• Malfunction in driver and/or passenger side air mix actuator or related wiring harness</li></ul>                            |
| 6   | Windshield fogged                                                          | <ul style="list-style-type: none"><li>• A/C compressor does not operate while airflow mode is in DEFROSTER or HEAT/DEF modes.</li><li>• Air intake mode does not change to FRESH while airflow mode is in DEFROSTER or HEAT/DEF modes.</li></ul> |
| 7   | Air from vents not cold enough                                             | <ul style="list-style-type: none"><li>• Magnetic clutch operates but A/C system malfunctions.</li></ul>                                                                                                                                          |
| 8   | No cool air                                                                | <ul style="list-style-type: none"><li>• Magnetic clutch does not operate.</li></ul>                                                                                                                                                              |
| 9   | Noise while operating A/C system                                           | <ul style="list-style-type: none"><li>• Noise from magnetic clutch, A/C compressor, hose or refrigerant line</li></ul>                                                                                                                           |
| 10  | Dual A/C control function does not                                         | <ul style="list-style-type: none"><li>• Driver or passenger side temperature control</li></ul>                                                                                                                                                   |

|         |                                                                                                                                                                   |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| operate | dial does not operate individually. <ul style="list-style-type: none"><li>• Temperature control operates normally expect for dual A/C control function.</li></ul> |
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