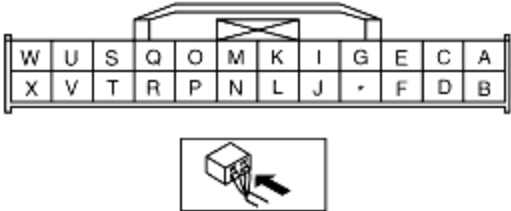
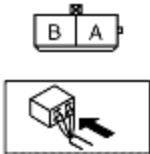


DTC B1947, B2014

B3E070201038W08

| DTC B1947, B2014 | Evaporator temperature sensor system |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| POSSIBLE CAUSE | <ul style="list-style-type: none"> Evaporator temperature sensor malfunction Open or short circuit in wiring harness between climate control unit and evaporator temperature sensor |

Diagnostic Procedure

| STEP | INSPECTION | ACTION | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | • Inspect the evaporator temperature sensor. (See EVAPORATOR TEMPERATURE SENSOR INSPECTION .) • Is it normal? | Yes | Go to the next step. |
| | | No | Replace the evaporator temperature sensor. (See EVAPORATOR TEMPERATURE SENSOR REMOVAL/INSTALLATION .) |
| 2 | • Disconnect the climate control unit connector and the evaporator temperature sensor connector. • Is there an open circuit in the wiring harness between the following terminals of the climate control unit and the evaporator temperature sensor? - T-B - U-A | Yes | Repair the wiring harness. |
| | | No | Go to the next step. |
| 3 | • Is there a short circuit to ground in the wiring harness between climate control unit terminal T and evaporator temperature sensor terminal B? | Yes | Repair the wiring harness. |
| | | No | Connect the climate control unit connector, then go to the next step. |
| 4 | • Turn the ignition switch to the ON position. • Inspect the voltage at the following climate control unit terminal (wiring harness-side). - Terminal T (evaporator temperature sensor input signal) • Is the voltage normal? (Approx. 5 V) | Yes | The system is normal at present. (Clear the past malfunction from the memory.) |
| | | No | Inspect the connection of the climate control unit connector. (See CLIMATE CONTROL UNIT INSPECTION [FULL-AUTO AIR CONDITIONER] .) |
| <div><div><p>CLIMATE CONTROL UNIT CONNECTOR</p></div><div><p>EVAPORATOR TEMPERATURE SENSOR CONNECTOR</p></div></div> | | | |