

## HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

- Use these procedures to troubleshoot the air conditioning system.
- \*: Use the intelligent tester.

### 1 VEHICLE BROUGHT TO WORKSHOP

NEXT

### 2 INSPECT BATTERY VOLTAGE

**Standard voltage:**

**11 to 14 V**

If the voltage is below 11 V, recharge or replace the battery before proceeding.

NEXT

### 3 CHECK CAN COMMUNICATION SYSTEM\*

- (a) Use the intelligent tester to check if the CAN Communication system is functioning.

**Result**

Result	Proceed to
CAN DTC is not output	A
CAN DTC is output	B

HINT:

The amplifier of this system is connected to the CAN communication system. Therefore, before starting troubleshooting, make sure to check that there is no trouble in the CAN communication system.

**B**

**Go to CAN COMMUNICATION SYSTEM**

**A**

### 4 CHECK DTC

- (a) Check for DTCs and note any codes that are output.  
 (b) Delete the DTC.  
 (c) Recheck for DTCs. Based on the DTCs output above, try to force output of the A/C system DTC by simulating the operation indicated by the DTC.

**Result**

Result	Proceed to
DTC is output	A
DTC is not output	B

**B** **Go to step 6**

**A**

**5 DTC CHART**

Refer to the diagnostic trouble code chart (see page [AC-20](#)).

**NEXT**

**6 PROBLEM SYMPTOMS TABLE**

Refer to the Problem symptoms table (see page [AC-13](#)).

Result	Proceed to
Fault is not listed in problem symptoms table	A
Fault is listed in problem symptoms table	B

**B** **Go to step 8**

**A**

**7 OVERALL ANALYSIS AND TROUBLESHOOTING\***

- (a) DATA LIST / ACTIVE TEST (see page [AC-19](#)).
- (b) Terminals of ECU (see page [AC-15](#)).
- (c) Inspection

**NEXT**

**8 ADJUST, REPAIR OR REPLACE**

**NEXT**

**9 CONFIRMATION TEST**

**NEXT**

**END**