

## HOW TO PROCEED WITH TROUBLESHOOTING

(2005/11-2006/01)

HINT:

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

**1** VEHICLE BROUGHT TO WORKSHOP

NEXT

**2** CUSTOMER PROBLEM ANALYSIS AND SYMPTOM CHECK

NEXT

**3** INSPECT BATTERY VOLTAGE

**Standard voltage:**

**11 to 14 V**

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

NEXT

**4** CHECK CAN COMMUNICATION SYSTEM\*

**AC**

- (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

**B**

**Go to CAN COMMUNICATION SYSTEM**

**A**

**5** CHECK DTC\*

- (a) Check for DTCs and write down any DTCs that are output.
- (b) Clear the DTCs.
- (c) Recheck for DTCs. Based on the DTCs output above, try to cause output of the air conditioning system DTC by simulating the operation indicated by the DTC.

**Result**

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

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

**A** 

**6** REFER TO PROBLEM SYMPTOMS TABLE

**Result**

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-127](#))
- (b) Terminals of ECU (see page [AC-122](#))

**NEXT** 

**AC**

**8** ADJUST, REPAIR OR REPLACE

**NEXT** 

**9** CONFIRMATION TEST

**NEXT** 

**END**