

HOW TO PROCEED WITH TROUBLESHOOTING

(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-128](#))
- (b) Terminals of ECU (see page [AC-123](#))

NEXT 

AC

8 ADJUST, REPAIR OR REPLACE

NEXT 

9 CONFIRMATION TEST

NEXT 

END