

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 OR CHECK SENSOR CHECK CODE THROUGH PANEL DIAGNOSIS*

- (a) Check DTCs or sensor check codes.
- (1) Write down the DTCs or sensor check codes.
- (b) Clear the DTCs or sensor check codes.
- (c) Check whether the DTCs or sensor check codes recur.
- (1) Reproduce the problem symptoms in accordance with the DTCs or sensor check codes that were written down, and check whether the DTCs or sensor check codes recur.

HINT:
Refer to the DTC chart when any DTCs or sensor check codes are output.

Result

Result	Proceed to
DTC or sensor check code is not output	A
DTC or sensor check code is output	B

B

Go to step 8

A

6

REFER TO PROBLEM SYMPTOMS TABLE

Result

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

B

Go to step 8

A

7

OVERALL ANALYSIS AND TROUBLESHOOTING*

AC

- (a) DATA LIST / ACTIVE TEST (see page AC-34)
- (b) Panel diagnosis (indicator check) (see page AC-31)
- (c) Panel diagnosis (actuator check) (see page AC-31)
- (d) Panel diagnosis (sensor check) (see page AC-31)
- (e) Terminals of ECU (see page AC-24)

NEXT

8

ADJUST, REPAIR OR REPLACE

NEXT

9

CONFIRMATION TEST

NEXT

END