

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 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 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*

AC

- (a) DATA LIST / ACTIVE TEST (see page AC-37)
- (b) Panel diagnosis (indicator check) (see page AC-31)
- (c) Panel diagnosis (sensor check) (see page AC-31)
- (d) Panel diagnosis (actuator check) (see page AC-31)
- (e) Terminals of ECU (see page AC-27)

NEXT

8

ADJUST, REPAIR OR REPLACE

NEXT

9

CONFIRMATION TEST

NEXT

END