

HOW TO PROCEED WITH TROUBLESHOOTING

The intelligent tester can be used in steps 3, 6, 9 and 12.

1 VEHICLE BROUGHT TO WORKSHOP

NEXT

2 CUSTOMER PROBLEM ANALYSIS

NEXT

3 CHECK AND CLEAR DTCS AND FREEZE FRAME DATA

NEXT

4 PROBLEM SYMPTOM CONFIRMATION

NEXT

5 CHECK CAN COMMUNICATION SYSTEM

(a) Check for output DTCs.

HINT:

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

Result	Proceed to
CAN communication system DTC not output	A
CAN communication system DTC output	B

B

CAN COMMUNICATION SYSTEM

A

6 CHECK AND CLEAR DTCS

NEXT

7 PROBLEM SYMPTOM SIMULATION

Result	Proceed to
Symptom does not occur	A
Symptom occurs	B

B**GO TO STEP 9****A****8** SYMPTOM SIMULATION**NEXT****9** CHECK DTCS (OTHER THAN CAN SYSTEM DTCS)

Result	Proceed to
DTC not output	A
DTC output	B

B**GO TO STEP 11****A****10** PROBLEM SYMPTOMS TABLE**NEXT****GO TO STEP 12****11** DTC CHART**NEXT**

12	CIRCUIT INSPECTION
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NEXT

13	PROBLEM IDENTIFICATION
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NEXT

14	REPAIR OR REPLACE
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NEXT

15	CONFIRMATION TEST
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NEXT

END
