

HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

*: Use the intelligent tester.

1 VEHICLE BROUGHT TO WORKSHOP

NEXT

2 CUSTOMER PROBLEM ANALYSIS

NEXT

3 CONNECT INTELLIGENT TESTER TO DLC3*

HINT:

If the display indicates a communication fault in the tester, inspect the DLC3.

NEXT

4 CHECK DTC AND FREEZE FRAME DATA*

HINT:

Record or print DTCs and freeze frame data, if necessary.

NEXT

5 CLEAR DTC AND FREEZE FRAME DATA*

NEXT

6 CONDUCT VISUAL INSPECTION

NEXT

7 SET CHECK MODE DIAGNOSIS*

NEXT

ES

8 CONFIRM PROBLEM SYMPTOMS

HINT:

If the engine does not start, first perform the "CHECK DTC" procedures and "CONDUCT BASIC INSPECTION" procedures below.

Result	Proceed to
Malfunction does not occur	A
Malfunction occurs	B

B **GO TO STEP 10**

A

ES

9 SIMULATE SYMPTOMS

NEXT

10 CHECK DTC*

Result	Proceed to
Malfunction code	A
No code	B

B **GO TO STEP 12**

A

11 REFER TO DTC CHART

NEXT

GO TO STEP 14

12 CONDUCT BASIC INSPECTION


Result	Proceed to
Malfunctioning parts not confirmed	A
Malfunctioning parts confirmed	B

B **GO TO STEP 17**

A

13 REFER TO PROBLEM SYMPTOMS TABLE

Result	Proceed to
Malfunctioning circuit confirmed	A
Malfunctioning parts confirmed	B

B  **GO TO STEP 17**

A


14 CHECK ECM POWER SOURCE CIRCUIT

NEXT

ES

15 CONDUCT CIRCUIT INSPECTION

Result	Proceed to
Malfunction not confirmed	A
Malfunction confirmed	B

B  **GO TO STEP 18**

A

16 CHECK FOR INTERMITTENT PROBLEMS

NEXT

GO TO STEP 18

17 CONDUCT PARTS INSPECTION

NEXT

18 IDENTIFY PROBLEM

NEXT

19 ADJUST AND/OR REPAIR

NEXT

20	CONDUCT CONFIRMATION TEST
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NEXT

END
