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

8 CONFIRM PROBLEM SYMPTOMS

HINT:
If the engine does not start, perform steps 10 and 12 first.
RESULT

**Malfunction does not occur**

**Go to** STEP 10

**Malfunction occurs**

**Go to** STEP 10

**9** SIMULATE SYMPTOMS

**10** CHECK DTC*

**Result**

**Proceed To**

Malfunction code

A

No code

B

**Go to** STEP 12

**A**

**11** REFER TO DTC CHART

**B**

**12** CONDUCT BASIC INSPECTION

**Result**

**Proceed To**

Malfunctioning parts not confirmed

A

Malfunctioning parts confirmed

B

**Go to** STEP 17

**A**

**13** REFER TO PROBLEM SYMPTOMS TABLE

**Result**

**Proceed To**

Malfunctioning circuit confirmed

A

Malfunctioning parts confirmed

B

**Go to** STEP 17

**A**
14 CHECK ECM POWER SOURCE CIRCUIT

15 CONDUCT CIRCUIT INSPECTION

<table>
<thead>
<tr>
<th>Result</th>
<th>Proceed To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malfunction not confirmed</td>
<td>A</td>
</tr>
<tr>
<td>Malfunction confirmed</td>
<td>B</td>
</tr>
</tbody>
</table>

B GO TO STEP 18

A

16 CHECK FOR INTERMITTENT PROBLEMS

17 CONDUCT PARTS INSPECTION

18 IDENTIFY PROBLEM

19 ADJUST AND/OR REPAIR

20 CONDUCT CONFIRMATION TEST

END