

## 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	Proceed To
Malfunction does not occur	A
Malfunction occurs	B

**B**  **GO TO STEP 10**


**A** 

**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** 

**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** 

**ES**

**14** CHECK ECM POWER SOURCE CIRCUIT

NEXT

**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

**17** CONDUCT PARTS INSPECTION

NEXT

**18** IDENTIFY PROBLEM

NEXT

**19** ADJUST AND/OR REPAIR

NEXT

**20** CONDUCT CONFIRMATION TEST

NEXT

END

ES