HOW TO PROCEED WITH TROUBLESHOOTING

The intelligent tester can be used in steps 2, 3, 4, 6 and 9.

1	VEHICLE BROUGHT TO WORKSHOP

NEXT

2	CONNECT INTELLIGENT TESTER TO DLC3

ES

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

NEXT

3	CHECK DTC AND FREEZE FRAME DATA

(a) Check the DTC(s) and freeze frame data (See page ES-30).
HINT:
Record or print DTCs and freeze frame data, if necessary.

NEXT

4	CLEAR DTC AND FREEZE FRAME DATA

(a) Clear the DTC(s) and freeze frame data (See page ES-30).

NEXT

5	CONDUCT VISUAL INSPECTION

NEXT

6	SET CHECK MODE DIAGNOSIS

(a) Set the check mode (See page ES-31).

NEXT

7	CONFIRM PROBLEM SYMPTOMS

HINT:
If the engine does not start, perform steps 9 and 11 first.

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Result

Result	Proceed to
Malfunction does not occur	A
Malfunction occurs	B

B → **GO TO STEP 9**

A

8 SIMULATE SYMPTOMS

NEXT

9 CHECK DTC

(a) Check the DTC(s) (See page ES-30).

Result

Result	Proceed to
Malfunction code	A
No code	B

B → **GO TO STEP 11**

A

10 REFER TO DTC CHART

HINT:
Refer to "DTC CHART" (See page ES-38).

NEXT

GO TO STEP 13

11 CONDUCT BASIC INSPECTION

HINT:
Refer to "BASIC INSPECTION" (See page ES-7).

Result

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

B → **GO TO STEP 16**

A

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ES

12	REFER TO PROBLEM SYMPTOMS TABLE

HINT:
Refer to "PROBLEM SYMPTOMS TABLE" (See page ES-21).

Result

Result	Proceed to
Malfunctioning circuit confirmed	A
Malfunctioning parts confirmed	B

B → **GO TO STEP 16**

A

13	CHECK ECM POWER SOURCE CIRCUIT

HINT:
Refer to "ECM POWER SOURCE CIRCUIT" (See page ES-371).

NEXT

14	CONDUCT CIRCUIT INSPECTION

Result

Result	Proceed to
Malfunction not confirmed	A
Malfunction confirmed	B

B → **GO TO STEP 17**

A

15	CHECK FOR INTERMITTENT PROBLEMS

HINT:
(See page ES-7).

NEXT

GO TO STEP 17

16	CONDUCT PARTS INSPECTION

NEXT

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17	IDENTIFY PROBLEM

NEXT

18	ADJUST AND/OR REPAIR

NEXT

19	CONDUCT CONFIRMATION TEST

NEXT

END

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