HOW TO PROCEED WITH TROUBLESHOOTING

HINT:
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

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

NEXT

3	CHECK DTC AND FREEZE FRAME DATA

(a) Check for DTC(s) and freeze frame data (See page ES-40).
HINT:
Record or print the 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-40).

NEXT

5	CONDUCT VISUAL INSPECTION

NEXT

6	SET CHECK MODE DIAGNOSIS

(a) Set the check mode (See page ES-43).

NEXT

7	CONFIRM PROBLEM SYMPTOMS

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

Result

Result	Proceed to
Malfunction does not occur	A
Malfunction occurs	B

B → GO TO STEP 9

A

8 SIMULATE SYMPTOMS

NEXT

ES

9 CHECK FOR DTCS

(a) Check for DTCs (See page ES-39).

Result

Result	Proceed to
Trouble code	A
No code	B

B → GO TO STEP 11

A

10 REFER TO DTC CHART

HINT:
Refer to the DTC chart (See page ES-56).

NEXT

GO TO STEP 13

11 CONDUCT BASIC INSPECTION

HINT:
Refer to "BASIC INSPECTION" (See page ES-13).

Result

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

B → GO TO STEP 16

A

12	REFER TO PROBLEM SYMPTOMS TABLE

HINT:
Refer to "PROBLEM SYMPTOMS TABLE" (See page ES-27).

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-437).

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:
Refer to "CHECK FOR INTERMITTENT PROBLEMS" (See page ES-13).

NEXT

GO TO STEP 17

16	CONDUCT PARTS INSPECTION

NEXT

17	IDENTIFY PROBLEM

NEXT

18	ADJUST AND/OR REPAIR

NEXT

19	CONDUCT CONFIRMATION TEST

NEXT

END