

HOW TO PROCEED WITH TROUBLESHOOTING

The hand-held tester is used in steps 3, 4, 5, 7 and 10.

1 VEHICLE BROUGHT TO WORKSHOP



2 CUSTOMER PROBLEM ANALYSIS (See page 05-356)



3 CONNECT THE HAND-HELD TESTER TO DLC3

HINT:

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



4 CHECK DTC AND FREEZE FRAME DATA (See page 05-379)

HINT:

Record or print DTC and freeze frame data, if needed.



5 CLEAR DTC AND FREEZE FRAME DATA (See page 05-379)



6 VISUAL INSPECTION



7 SETTING THE CHECK (TEST) MODE DIAGNOSIS (See page 05-381)



8 PROBLEM SYMPTOM CONFIRMATION

HINT:

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

A	Malfunction does not occur
B	Malfunction occurs

B

GO TO STEP 10

A

9 SYMPTOM SIMULATION**10 DTC CHECK (See page 05-379)**

A	Malfunction code
B	No code

B → **GO TO STEP 12**

A

11 DTC CHART (See page 05-390)

GO TO STEP 14

12 BASIC INSPECTION (See page 05-358)

A	Wrong parts not confirmed
B	Wrong parts confirmed

B → **GO TO STEP 17**

A

13 PROBLEM SYMPTOMS TABLE (See page 05-372)

A	Wrong circuit confirmed
B	Wrong parts confirmed

B → **GO TO STEP 17**

A

14 CHECK ECM POWER SOURCE CIRCUIT (See page 05-298)**15 CIRCUIT INSPECTION**

A	Malfunction not confirmed
B	Malfunction confirmed

B → **GO TO STEP 18**

A

16	CHECK FOR INTERMITTENT PROBLEMS (See page 05-357)
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GO TO STEP 18

17	PARTS INSPECTION
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18	IDENTIFICATION OF PROBLEM
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19	ADJUSTMENT, REPAIR
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20	CONFIRMATION TEST
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END
