

## HOW TO PROCEED WITH TROUBLESHOOTING

The hand-held tester can be used at step 3, 4, 5, 7 and 10.

### 1 VEHICLE BROUGHT TO WORKSHOP



### 2 CUSTOMER PROBLEM ANALYSIS (See page 05-16 )



### 3 CONNECT HAND-HELD TESTER TO DLC3

HINT:

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



### 4 CHECK DTC AND FREEZE FRAME DATA (See page 05-41 )

HINT:

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



### 5 CLEAR DTC AND FREEZE FRAME DATA (See page 05-41 )



### 6 VISUAL INSPECTION



### 7 SETTING CHECK MODE DIAGNOSIS (See page 05-45 )



### 8 PROBLEM SYMPTOM CONFIRMATION

HINT:

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

Malfunction does not occur	A
Malfunction occurs	B

**B** ➤

**GO TO STEP 10**

**A**

**9 SYMPTOM SIMULATION**

A

**10 DTC CHECK (See page 05-41 )**

Malfunction code

A

No code

B

B

**GO TO STEP 12****11 DTC CHART (See page 05-55 )****GO TO STEP 14****12 BASIC INSPECTION (See page 05-18 )**

Wrong parts not confirmed

A

Wrong parts confirmed

B

B

**GO TO STEP 17**

A

**13 PROBLEM SYMPTOMS TABLE (See page 05-33 )**

Wrong circuit confirmed

A

Wrong parts confirmed

B

B

**GO TO STEP 17**

A

**14 CHECK ECM POWER SOURCE CIRCUIT (See page 05-366 )****15 CIRCUIT INSPECTION**

Malfunction not confirmed

A

Malfunction confirmed

B

B

**GO TO STEP 18**

A

16	CHECK FOR INTERMITTENT PROBLEMS (See page 05-17 )
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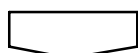


GO TO STEP 18
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17	PARTS INSPECTION
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18	IDENTIFICATION OF PROBLEM
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19	ADJUSTMENT AND/OR REPAIR
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20	CONFIRMATION TEST
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END
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