

ECD SYSTEM (1CD-FTV)

054S2-01

HOW TO PROCEED WITH TROUBLESHOOTING

When using hand-held tester, troubleshoot in accordance with the procedure shown below.

1 VEHICLE BROUGHT TO WORKSHOP

2 CUSTOMER PROBLEM ANALYSIS (See page 05-155)

3 CONNECT THE HAND-HELD TESTER TO DLC3

HINT:

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

4 CHECK DTC AND FREEZED FRAME DATA (See page 05-156)

HINT:

Record or print DTC and Freezed Frame Data, if needed.

5 CLEAR DTC AND FREEZED FRAME DATA (See page 05-156)

6 VISUAL INSPECTION

7 SETTING THE CHECK (TEST) MODE DIAGNOSIS (See page 05-156)

8 PROBLEM SYMPTOM CONFIRMATION

HINT:

If the engine does not start, perform step 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 05-156)**

A	Malfunction code
B	No code

B → GO TO STEP 12**A****11 DTC CHART (See page 05-164)****GO TO STEP 14****12 BASIC INSPECTION (See page 05-156)**

A	Not confirm wrong parts
B	Confirm wrong parts

B → GO TO STEP 17**A****13 PROBLEM SYMPTOMS TABLE (See page 05-170)**

A	Confirm wrong circuit
B	Confirm wrong Parts

B → GO TO STEP 17**A****14 CHECK ECU POWER SOURCE CIRCUIT (See page 05-263)****15 CIRCUIT INSPECTION**

A	Not confirm malfunction
B	Confirm malfunction

B → GO TO STEP 18**A****16 CHECK FOR INTERMITTENT PROBLEMS (See page 05-156)**



GO TO STEP 18

17 PARTS INSPECTION



18 IDENTIFICATION OF PROBLEM



19 ADJUSTMENT, REPAIR



20 CONFIRMATION TEST



END

When not using hand-held tester, troubleshoot in accordance with the procedure shown below.

1 VEHICLE BROUGHT TO WORKSHOP

2 CUSTOMER PROBLEM ANALYSIS (See page 05-155)

3 CHECK AND CLEAR DTC (See page 05-156)

4 PROBLEM SYMPTOM CONFIRMATION

A	Malfunction occurs
B	Malfunction does not occur

B SYMPTOM SIMULATION (See page 05-170)

5 DTC CHECK (See page 05-156)

A	Malfunction code
B	No code

B GO TO STEP 7

A

6 DTC CHART (See page 05-154)

GO TO STEP 9

7 BASIC INSPECTION (See page 05-156)

A	Not confirm wrong parts
B	Confirm wrong parts

B GO TO STEP 12

A

8 PROBLEM SYMPTOMS TABLE (See page 05-170)

A

Confirm wrong circuit

B

Confirm wrong Parts

B**GO TO STEP 12****A****9 CHECK ECU POWER SOURCE CIRCUIT (See page 05-263)****10 CIRCUIT INSPECTION**

A

Not confirm malfunction

B

Confirm malfunction

B**GO TO STEP 13****A****11 CHECK FOR INTERMITTENT PROBLEMS (See page 05-156)****GO TO STEP 13****12 PARTS INSPECTION****13 IDENTIFICATION OF PROBLEM****14 ADJUSTMENT, REPAIR****15 CONFIRMATION TEST****END**