

# EFI SYSTEM (1AZ-FE)

## HOW TO PROCEED WITH TROUBLESHOOTING

054QD-03

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

1 VEHICLE BROUGHT TO WORKSHOP



2 CUSTOMER PROBLEM ANALYSIS (See page 05-6)



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 05-7)

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



5 CLEAR DTC AND FREEZED FRAME DATA (See page 05-7)



6 VISUAL INSPECTION



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



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



9

SYMPTOM SIMULATION



10

DTC CHECK (See page 05-7)

A	Malfunction code
B	No code

B

GO TO STEP 12



11

DTC CHART (See page 05-17)



GO TO STEP 14

12

BASIC INSPECTION (See page 05-7)

A	Not confirm wrong parts
B	Confirm wrong parts

B

GO TO STEP 17



13

PROBLEM SYMPTOMS TABLE (See page 05-23)

A	Confirm wrong circuit
B	Confirm wrong Parts

B

GO TO STEP 17



14

CHECK ECU POWER SOURCE CIRCUIT (See page 05-123)



15

CIRCUIT INSPECTION

A	Not confirm malfunction
B	Confirm malfunction

B

GO TO STEP 18



16

CHECK FOR INTERMITTENT PROBLEMS (See page 05-7)



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

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 05-6)



3 CHECK AND CLEAR DTC (See page 05-7)



4 PROBLEM SYMPTOM CONFIRMATION

A	Malfunction occurs
B	Malfunction does not occur
B	SYMPTOM SIMULATION (See page 05-23)



5 DTC CHECK (See page 05-7)

A	Malfunction code
B	No code
B	GO TO STEP 7



6 DTC CHART (See page 05-17)



GO TO STEP 9

7 BASIC INSPECTION (See page 05-7)

A	Not confirm wrong parts
B	Confirm wrong parts
B	GO TO STEP 12



**8 PROBLEM SYMPTOMS TABLE (See page 05-23)**

A

Confirm wrong circuit

B

Confirm wrong Parts

**B****GO TO STEP 12****A****9 CHECK ECU POWER SOURCE CIRCUIT (See page 05-123)****10 CIRCUIT INSPECTION**

A

Not confirm malfunction

B

Confirm malfunction

**B****GO TO STEP 13****A****11 CHECK FOR INTERMITTENT PROBLEMS (See page 05-7)****GO TO STEP 13****12 PARTS INSPECTION****13 IDENTIFICATION OF PROBLEM****14 ADJUSTMENT, REPAIR****15 CONFIRMATION TEST****END**