EFI SYSTEM (2AZ–FE)

HOW TO PROCEED WITH TROUBLESHOOTING

054QD–02

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

1	VEHICLE BROUGHT TO WORKSHOP

2	CUSTOMER PROBLEM ANALYSIS (See page 05–134)

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 05–135)

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

5	CLEAR DTC AND FREEZED FRAME DATA (See page 05–135)

6	VISUAL INSPECTION

7	SETTING THE CHECK (TEST) MODE DIAGNOSIS (See page 05–135)

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 05–135)

A	Malfunction code
B	No code

B → GO TO STEP 12

A

11	DTC CHART (See page 05–145)

GO TO STEP 14

12	BASIC INSPECTION (See page 05–135)

A	Not confirm wrong parts
B	Confirm wrong parts

B → GO TO STEP 17

A

13	PROBLEM SYMPTOMS TABLE (See page 05–152)

A	Confirm wrong circuit
B	Confirm wrong Parts

B → GO TO STEP 17

A

14	CHECK ECU POWER SOURCE CIRCUIT (See page 05–135)

15	CIRCUIT INSPECTION

A	Not confirm malfunction
B	Confirm malfunction

B → GO TO STEP 18

A

16	CHECK FOR INTERMITTENT PROBLEMS (See page 05–135)

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 05–134)

3	CHECK AND CLEAR DTC (See page 05–135)

4	PROBLEM SYMPTOM CONFIRMATION

A	Malfunction occurs
B	Malfunction does not occur

B → SYMPTOM SIMULATION (See page 05–152)

A

5	DTC CHECK (See page 05–135)

A	Malfunction code
B	No code

B → GO TO STEP 7

A

6	DTC CHART (See page 05–145)

GO TO STEP 9

7	BASIC INSPECTION (See page 05–135)

A	Not confirm wrong parts
B	Confirm wrong parts

B → GO TO STEP 12

A

8	PROBLEM SYMPTOMS TABLE (See page 05–152)

A	Confirm wrong circuit
B	Confirm wrong Parts

B → GO TO STEP 12

A

9	CHECK ECU POWER SOURCE CIRCUIT (See page 05–278)

10	CIRCUIT INSPECTION

A	Not confirm malfunction
B	Confirm malfunction

B → GO TO STEP 13

A

11	CHECK FOR INTERMITTENT PROBLEMS (See page 05–135)

GO TO STEP 13

12	PARTS INSPECTION

13	IDENTIFICATION OF PROBLEM

14	ADJUSTMENT, REPAIR

15	CONFIRMATION TEST

END