ECD SYSTEM (15B–FTE)

05BAI–01

HOW TO PROCEED WITH TROUBLESHOOTING

HINT:
Troubleshoot in accordance with the procedures on the following pages.

When using hand–held tester:

1	VEHICLE BROUGHT TO WORKSHOP

2	CUSTOMER PROBLEM ANALYSIS (See page 05–6)

3	CONNECT 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 05–7)

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

5	CLEAR DTC AND FREEZE FRAME DATA (See page 05–7)

6	VISUAL INSPECTION

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

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 05–7)

A	Malfunction code
B	No code

B → Go to step 12

A

11	DTC CHART (See page 05–15)

Go to step 14

12	BASIC INSPECTION (See page 05–7)

A	Wrong parts not confirmed
B	Wrong parts confirmed

B → Go to step 17

A

13	PROBLEM SYMPTOMS TABLE (See page 05–22)

A	Wrong circuit confirmed
B	wrong parts confirmed

B → Go to step 17

A

14	CHECK ECM POWER SOURCE CIRCUIT (See page 05–94)

15	CIRCUIT INSPECTION

A	Malfunction not confirmed
B	Malfunction confirmed

B → Go to step 18

A

16	CHECK FOR INTERMITTENT PROBLEMS (See page 05–7)

Go to step 18

17	PARTS INSPECTION

18	IDENTIFICATION OF PROBLEM

19	ADJUST, REPAIR

20	CONFIRMATION TEST

END

When not using hand–held tester:

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 05–7)

A

5	DTC CHECK (See page 05–7)

A	Malfunction code
B	No code

B → Go to step 7

A

6	DTC CHART (See page 05–15)

Go to step 9

7	BASIC INSPECTION (See page 05–7)

A	Wrong parts not confirmed
B	Wrong parts confirmed

B → Go to step 12

A

8	PROBLEM SYMPTOMS TABLE (See page 05–22)

A	Wrong circuit confirmed
B	Wrong parts confirmed

B → Go to step 12

A

9	CHECK ECU POWER SOURCE CIRCUIT (See page 05–94)

10	CIRCUIT INSPECTION

A	Malfunction not confirmed
B	Malfunction confirmed

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