ECD SYSTEM (S05C–TB)

HOW TO PROCEED WITH TROUBLESHOOTING

057F8–02

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 05–103)

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 05–104)

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

5	CLEAR DTC AND FREEZE FRAME DATA (See page 05–104)

6	VISUAL INSPECTION

7	SETTING CHECK (TEST) MODE DIAGNOSIS (See page 05–104)

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 05–104)

A	Malfunction code
B	No code

B → Go to step 12

A

11	DTC CHART (See page 05–111)

Go to step 14

12	BASIC INSPECTION (See page 05–104)

A	Wrong parts not confirmed
B	Wrong parts confirmed

B → Go to step 17

A

13	PROBLEM SYMPTOMS TABLE (See page 05–118)

A	Wrong circuit confirmed
B	wrong parts confirmed

B → Go to step 17

A

14	CHECK ECM POWER SOURCE CIRCUIT (See page 05–184)

15	CIRCUIT INSPECTION

A	Malfunction not confirmed
B	Malfunction confirmed

B → Go to step 18

A

16	CHECK FOR INTERMITTENT PROBLEMS (See page 05–104)

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 05–103)

3	CHECK AND CLEAR DTC (See page 05–104)

4	PROBLEM SYMPTOM CONFIRMATION

A	Malfunction occurs
B	Malfunction does not occur

B → SYMPTOM SIMULATION (See page 05–104)

5	DTC CHECK (See page 05–104)

A	Malfunction code
B	No code

B → Go to step 7

A

6	DTC CHART (See page 05–104)

Go to step 9

7	BASIC INSPECTION (See page 05–104)

A	Wrong parts not confirmed
B	Wrong parts confirmed

B → Go to step 12

A

8	**PROBLEM SYMPTOMS TABLE (See page 05–118)**

A	Wrong circuit confirmed
B	Wrong parts confirmed

B → **Go to step 12**

A

9	**CHECK ECU POWER SOURCE CIRCUIT (See page 05–184)**

10	**CIRCUIT INSPECTION**

A	Malfunction not confirmed
B	Malfunction confirmed

B → **Go to step 13**

A

11	**CHECK FOR INTERMITTENT PROBLEMS (See page 05–104)**

Go to step 13

12	**PARTS INSPECTION**

13	**IDENTIFICATION OF PROBLEM**

14	**ADJUSTMENT, REPAIR**

15	**CONFIRMATION TEST**

END