ELECTRONIC CONTROLLED AUTOMATIC TRANSMISSION [ECT] (1KD–FTV/1KZ–TE)

HOW TO PROCEED WITH TROUBLESHOOTING

05A9D–01

When using hand–held tester, troubleshoot in accordance with the procedure on the following pages.

1	Vehicle Brought to Workshop

2	Customer Problem Analysis (See page 05–967)

3	Connect the hand–held tester to DLC3

4	Check and Clear DTC and Freeze Frame Data (See page 05–968)

5	Visual Inspection

6	Setting the Check Mode Diagnosis (See page 05–968)

7	Problem Symptom Confirmation

→ Symptom does not occur: Go to step 8

→ Symptom occur: Go to step 9

8	Symptom Simulation (See page 01–26)

9	DTC Check (See page 05–968)

→ DTC is not output: Go to step 10

→ DTC is output: Go to step 17

10	Basic Inspection (See page 40–2, 40–4 and 40–68)

NG → Go to step 19

OK

11	Mechanical System Test (See page 05–968)

NG → Go to step 16

OK

12	Manual Shifting Test (See page 05–968)

NG → Go to step 14

OK

13	Problem Symptoms Table Chapter 1 (See page 05–984)

NG → Go to step 18

OK

14	Problem Symptoms Table Chapter 2 (See page 05–984)

NG → Go to step 16

OK

15	Problem Symptoms Table Chapter 3 (See page 05–984)

NG

16	Part Inspection

→ Go to step 19

17	DTC Chart (See page 05–979)

18	Circuit Inspection (See page 05–989)

19	Identification of Problem

20	Repair

21	Confirmation Test

End

When not using hand–held tester, troubleshoot in accordance with the procedure on the following pages.

1	Vehicle Brought to Workshop

2	Customer Problem Analysis (See page 05–967)

3	Check and Clear DTCs (See page 05–968)

4	Problem Symptom Confirmation

→ Symptom does not occur: Go to step 5

→ Symptom occur: Go to step 6

5	Symptom Simulation (See page 01–26)

6	DTC Check (See page 05–968)

→ DTC is not output: Go to step 7

→ DTC is output: Go to step 14

7	Basic Inspection (See page 40–2, 40–4 and 40–68)

NG → Go to step 16

OK

8	Mechanical System Test (See page 05–968)

NG → Go to step 13

OK

9	Manual Shifting Test (See page 05–968)

NG → Go to step 11

OK

10	Problem Symptoms Table Chapter 1 (See page 05–984)

NG → Go to step 15

OK

11	Problem Symptoms Table Chapter 2 (See page 05–984)

NG → Go to step 13

OK

12	Problem Symptoms Table Chapter 3 (See page 05–984)

NG

13	Part Inspection

→ Go to step 16

14	DTC Chart (See page 05–979)

15	Circuit Inspection (See page 05–989)

16	**Identification of Problem**

17	**Repair**

18	**Confirmation Test**

End