056IH–24

HOW TO PROCEED WITH TROUBLESHOOTING

When using intelligent tester II, troubleshoot in accordance with the procedure on the following pages.

HINT:

The intelligent tester II can be used at steps 3, 4, 6, and 9.

1	Vehicle Brought to Workshop

NEXT

2	Customer Problem Analysis (SEE PAGE 05–927)

NEXT

3	Connect the intelligent tester II to DLC3

NEXT

4	Check and Clear DTC and Freeze Frame Data (SEE PAGE 05–947)

NEXT

5	Visual Inspection

NEXT

6	Setting the Check Mode Diagnosis (SEE PAGE 05–950)

NEXT

7	Problem Symptom Confirmation (SEE PAGE 05–928)

- Symptom does not occur: Go to step 8
- Symptom occur: Go to step 9

8	Symptom Simulation (SEE PAGE 01–26)

NEXT

9	DTC Check (SEE PAGE 05–947)

- DTC is not output: Go to step 10
- DTC is output: Go to step 18

10	Basic Inspection (SEE PAGE 40–13, and See Pub. No. RM990E, page 40–2 and 40–68)

NG → Go to step 20

OK

11	Mechanical System Test (SEE PAGE 05–930)

NG → Go to step 17

OK

12	Hydraulic Test (SEE PAGE 05–932)

NG → Go to step 17

OK

13	Manual Shifting Test (SEE PAGE 05–934)

NG → Go to step 15

OK

14	Problem Symptoms Table Chapter 1 (SEE PAGE 05–937)

NG → Go to step 19

OK

15	Problem Symptoms Table Chapter 2 (SEE PAGE 05–937)

NG → Go to step 17

OK

16	Problem Symptoms Table Chapter 3 (SEE PAGE 05–937)

NEXT

17	Part Inspection

Go to step 20

18	DTC Chart (SEE PAGE 05–955)

NEXT

19	Circuit Inspection

NEXT

20	Repair or Replace

NEXT

21	Confirmation Test

NEXT

End

When not using intelligent tester II, troubleshoot in accordance with the procedure on the following pages.

HINT:
Leaded gasoline type vehicles only

1	Vehicle Brought to Workshop

NEXT

2	Customer Problem Analysis (SEE PAGE 05–927)

NEXT

3	Check and Clear DTCs (SEE PAGE 05–947)

NEXT

4	Problem Symptom Confirmation (SEE PAGE 05–928)

→ Symptom does not occur: Go to step 5

→ Symptom occur: Go to step 6

5	Symptom Simulation (SEE PAGE 01–26)

NEXT

6	DTC Check (SEE PAGE 05–947)

→ DTC is not output: Go to step 7

→ DTC is output: Go to step 15

7	Basic Inspection (SEE PAGE 40–13, and See Pub. No. RM990E, page 40–2 and 40–68)

→ NG: Go to step 17

OK

8	Mechanical System Test (SEE PAGE 05–930)

→ NG: Go to step 14

OK

9	Hydraulic Test (SEE PAGE 05–932)

→ NG: Go to step 14

OK

10	Manual Shifting (SEE PAGE 05–934)

→ NG: Go to step 12

OK

11	Problem Symptoms Table Chapter 1 (SEE PAGE 05–937)

→ NG: Go to step 16

OK

12	Problem Symptoms Table Chapter 2 (SEE PAGE 05–937)

NG → Go to step 14

OK

13	Problem Symptoms Table Chapter 3 (SEE PAGE 05–937)

NEXT

14	Part Inspection

→ Go to step 17

15	DTC Chart (SEE PAGE 05–955)

NEXT

16	Circuit Inspection

NEXT

17	Repair or Replace

NEXT

18	Confirmation Test

NEXT

End