

HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

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

1 Vehicle Brought to Workshop

NEXT

2 Customer Problem Analysis

NEXT

3 Connect the OBD II scan tool or intelligent tester to DLC3

NEXT

4 Check and Clear DTCs and Freeze Frame Data

HINT:

(See page [AX-31](#)).

NEXT

5 Visual Inspection

NEXT

6 Setting the Check Mode Diagnosis

HINT:

(See page [AX-33](#)).

NEXT

7 Problem Symptom Confirmation

HINT:

(See page [AX-9](#)).



Symptom does not occur: Go to step 8



Symptom occurs: Go to step 9

8 Symptom Simulation

HINT:
(See page [IN-36](#)).

NEXT

9 DTC Check

HINT:
(See page [AX-31](#)).

 DTC is not output: Go to step 10

 DTC is output: Go to step 17

10 Basic Inspection

HINT:
(See page [AX-130](#), [AX-137](#) and [AX-182](#)).

 NG Go to step 19

OK

11 Mechanical System Test

HINT:
(See page [AX-14](#)).

 NG Go to step 16

OK

12 Hydraulic Test

HINT:
(See page [AX-16](#)).

 NG Go to step 16

OK

13 Manual Shifting Test

HINT:
(See page [AX-17](#)).

 NG Go to step 15

OK

AX

14 Problem Symptoms Table Chapter 1

HINT:
(See page [AX-21](#)).

NG

Go to step 18

OK

15 Problem Symptoms Table Chapter 2

HINT:
(See page [AX-21](#)).

NEXT

16 Part Inspection

Go to step 19

17 DTC Chart

HINT:
(See page [AX-38](#)).

NEXT

18 Circuit Inspection

NEXT

19 Repair or Replace

NEXT

20 Confirmation Test

NEXT

End