

HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

- The ECM of this system is connected to the CAN and multiplex communication system. Therefore, before starting troubleshooting, make sure to check that there is no trouble in the CAN and multiplex communication systems.
- 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-25](#)).

NEXT

5 Visual Inspection

NEXT

6 Setting the Check Mode Diagnosis

HINT:
(See page [AX-26](#)).

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-33](#)).

NEXT**9****DTC Check**

HINT:
(See page [AX-25](#)).

**DTC is not output: Go to step 10****DTC is output: Go to step 17****10****Basic Inspection**

HINT:
(See page [AX-71](#), [AX-74](#) and [AX-111](#)).

NG**Go to step 19****OK****AX****11****Mechanical System Test**

HINT:
(See page [AX-11](#)).

NG**Go to step 16****OK****12****Hydraulic Test**

HINT:
(See page [AX-13](#)).

NG**Go to step 16****OK****13****Manual Shifting Test**

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

NG**Go to step 15**

OK**14** Problem Symptoms Table Chapter 1

HINT:
(See page [AX-18](#)).

NG

Go to step 18

OK**15** Problem Symptoms Table Chapter 2

HINT:
(See page [AX-18](#)).

NEXT**16** Part InspectionGo to step 19**17** DTC Chart

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

NEXT**18** Circuit InspectionNEXT**19** Repair or ReplaceNEXT**20** Confirmation TestNEXTEnd