

ELECTRONIC CONTROLLED AUTOMATIC TRANSAXLE [ECT]

HOW TO PROCEED WITH TROUBLESHOOTING

054QT-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 05-345)



3 Connect the hand-held tester to DLC3



4 Check and Clear DTC and Freeze Frame Data (See page 05-346)



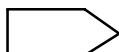
5 Visual Inspection



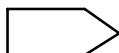
6 Setting the Check Mode Diagnosis (See page 05-346)



7 Problem Symptom Confirmation



Symptom does not occur: Go to step 8

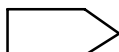


Symptom occur: Go to step 17

8 Symptom Simulation (See page 05-346)



9 DTC Check (See page 05-346)



DTC is not output: Go to step 10

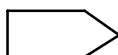


DTC is output: Go to step 17

10	Basic Inspection (See page 05-346)
<div style="display: inline-block; border: 1px solid black; padding: 2px 5px; margin-right: 10px;">NG</div> <div style="border: 1px solid black; padding: 2px 10px;">Go to step 19</div>	
<div style="border: 1px solid black; padding: 2px 10px; display: inline-block;">OK</div>	
11	Mechanical System Test (See page 05-346)
<div style="display: inline-block; border: 1px solid black; padding: 2px 5px; margin-right: 10px;">NG</div> <div style="border: 1px solid black; padding: 2px 10px;">Go to step 16</div>	
<div style="border: 1px solid black; padding: 2px 10px; display: inline-block;">OK</div>	
12	Manual Shifting Test (See page 05-346)
<div style="display: inline-block; border: 1px solid black; padding: 2px 5px; margin-right: 10px;">NG</div> <div style="border: 1px solid black; padding: 2px 10px;">Go to step 14</div>	
<div style="border: 1px solid black; padding: 2px 10px; display: inline-block;">OK</div>	
13	Problem Symptoms Table Chapter 1 (See page 05-362)
<div style="display: inline-block; border: 1px solid black; padding: 2px 5px; margin-right: 10px;">NG</div> <div style="border: 1px solid black; padding: 2px 10px;">Go to step 18</div>	
<div style="border: 1px solid black; padding: 2px 10px; display: inline-block;">OK</div>	
14	Problem Symptoms Table Chapter 2 (See page 05-362)
<div style="display: inline-block; border: 1px solid black; padding: 2px 5px; margin-right: 10px;">NG</div> <div style="border: 1px solid black; padding: 2px 10px;">Go to step 16</div>	
<div style="border: 1px solid black; padding: 2px 10px; display: inline-block;">OK</div>	
15	Problem Symptoms Table Chapter 3 (See page 05-362)
<div style="border: 1px solid black; padding: 2px 10px; display: inline-block;">NG</div>	
16	Part Inspection
<div style="display: inline-block; border: 1px solid black; padding: 2px 5px; margin-right: 10px;"></div> <div style="border: 1px solid black; padding: 2px 10px;">Go to step 19</div>	
17	DTC Chart (See page 05-356)
<div style="border: 1px solid black; padding: 2px 10px; display: inline-block;"></div>	
18	Circuit Inspection (See page 05-365)
<div style="border: 1px solid black; padding: 2px 10px; display: inline-block;"></div>	

19 Identification of Problem**20 Repair****21 Confirmation Test****End**

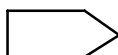
When not using hand-held tester, troubleshoot in accordance with the procedure on the following pages.

1 Vehicle Brought to Workshop**2 Customer Problem Analysis (See page 05-345)****3 Check and Clear DTCs (See page 05-346)****4 Problem Symptom Confirmation**

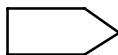
Symptom does not occur: Go to step 5



Symptom occur: Go to step 6

5 Symptom Simulation (See page 05-346)**6 DTC Check (See page 05-346)**

DTC is not output: Go to step 7



DTC is output: Go to step 14

7 Basic Inspection (See page 05-346)

NG Go to step 16

OK

8 Mechanical System Test (See page 05-346)

NG Go to step 13

OK

9 Manual Shifting Test (See page 05-346)

NG Go to step 11

OK

10 Problem Symptoms Table Chapter 1 (See page 05-362)

NG Go to step 15

OK

11 Problem Symptoms Table Chapter 2 (See page 05-362)

NG Go to step 13

OK

12 Problem Symptoms Table Chapter 3 (See page 05-362)

NG

13 Part Inspection

Go to step 16

14 DTC Chart (See page 05-356)

15 Circuit Inspection (See page 05-365)

16	Identification of Problem
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17	Repair
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18	Confirmation Test
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End
