SYSTEM DESCRIPTION

1. SYSTEM DESCRIPTION

 (a) The Electronic Controlled Automatic Transaxle (ECT) is an automatic transaxle that electronically controls shift timing using the Engine Control Module (ECM). The ECM detects electrical signals that indicate engine and driving conditions, and controls the shift point based on driver habits and road conditions. As a result, fuel efficiency and power transaxle performance are improved. Shift shock is reduced by controlling the engine and transaxle simultaneously.

In addition, the ECT has the following features:

- Diagnostic function.
- Fail-safe function when a malfunction occurs.



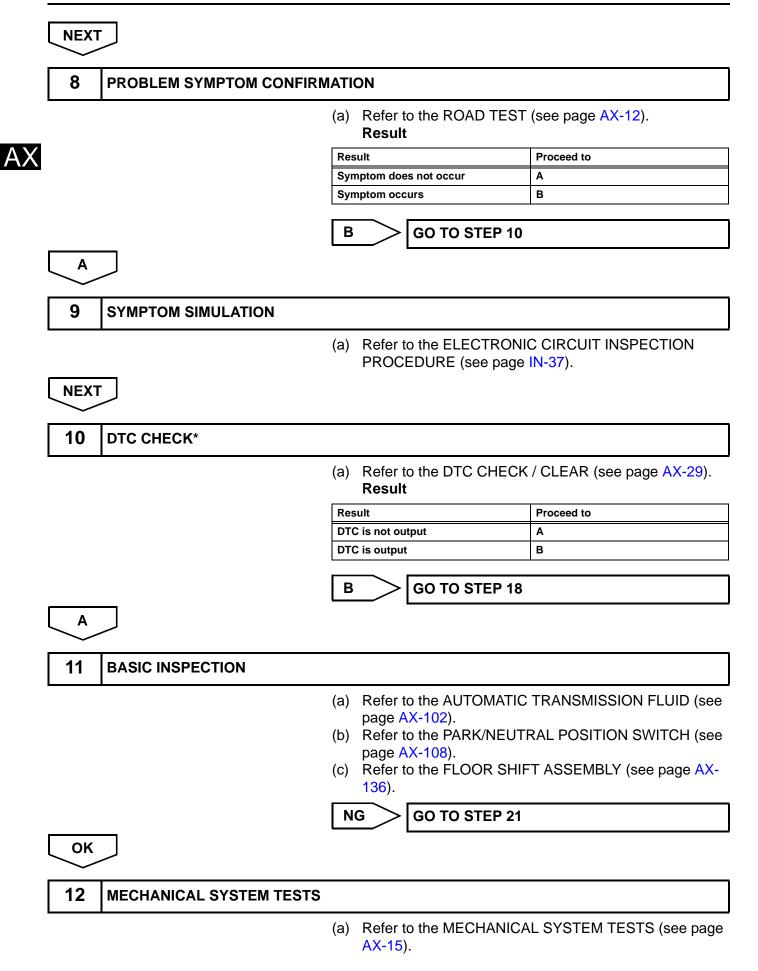
HOW TO PROCEED WITH TROUBLESHOOTING

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.
- *: Use the intelligent tester.

1	VEHICLE BROUGHT TO WORKSHOP					
	Ţ					
2	CUSTOMER PROBLEM ANALYSIS	CUSTOMER PROBLEM ANALYSIS				
NEXT	Ţ					
3	INSPECT BATTERY VOLTAGE					
	11 If the	dard voltage: to 14 V voltage is below 11 V, recharge or replace the battery re proceeding.				
NEXT	T					
4	CONNECT INTELLIGENT TESTER TO DLC3*					
	Ţ					
5	CHECK AND CLEAR DTCS AND FREEZE FRAME DATA*					
		Refer to the DTC CHECK / CLEAR (see page AX-29).				
6	VISUAL INSPECTION					
NEXT						
7	SETTING CHECK MODE DIAGNOSIS	*				
		Refer to the CHECK MODE PROCEDURE (see page AX-30).				





		NG	GO TO STEP 17			
ОК	7			-		
13	HYDRAULIC TEST					
		(a) Refer t	o the HYDRAULIC TEST (see page AX-16).	AX		
		NG	GO TO STEP 17			
ОК				-		
14	MANUAL SHIFTING TEST					
		(a) Refer t 17).	o the MANUAL SHIFTING TEST (see page AX-	-		
		NG	GO TO STEP 16			
ОК						
15	5 PROBLEM SYMPTOMS TABLE CHAPTER 1					
		(a) Refer t AX-21)	o the PROBLEM SYMPTOMS TABLE (see page .	-		
		NG	GO TO STEP 19			
ОК				-		
16	6 PROBLEM SYMPTOMS TABLE CHAPTER 2					
		(a) Refer t AX-21)	o the PROBLEM SYMPTOMS TABLE (see page .	-		
NEXT						
17	PART INSPECTION					
		NG	GO TO STEP 21			
ОК				1		
18	DTC CHART					
		· · /	o the DIAGNOSTIC TROUBLE CODE CHART age AX-35).	-		
NEXT	7					

AX–14

