

QUICK DIAGNOSIS CHART

B3E050319090W04

X : Applied												
1	Vehicle does not move in D, M ranges, or in R position	X		X		X						
2	Vehicle moves in N position	X										
3	Vehicle moves in P position, or parking gear does not disengage when P is disengaged	X										
4	Excessive creep		X		X	X						
5	No creep at all			X		X	X	X	X	X	X	
6	Low maximum speed and poor acceleration		X	X			X	X	X	X	X	
7	No shifting			X			X	X	X	X	X	
8	Does not shift to 4GR	X	X				X	X	X	X	X	X
9	Abnormal shifting	X	X		X	X	X	X	X	X	X	
10	Frequent shifting			X			X	X	X	X	X	
11	Shift point is high or low					X	X	X	X	X	X	
12	Torque converter clutch (TCC) non-operation					X	X	X	X	X	X	X
13	No kickdown						X	X				
14	Engine flares up or slips when upshifting or downshifting	X	X				X	X	X	X	X	
15	Engine flares up or slips when accelerating vehicle	X	X				X	X	X	X	X	
16	Judder upon torque converter clutch (TCC) operation			X			X	X	X	X	X	
17	Excessive shift shock from N to D or N to R position/range	X	X	X			X	X	X	X	X	
18	Excessive shift shock is felt when upshifting and downshifting			X			X	X	X	X	X	
19	Excessive shift shock on torque converter clutch (TCC)			X			X	X	X	X	X	
20	Noise occurs at idle when vehicle is stopped in all positions/ranges											
21	Noise occurs at idle when vehicle is stopped in D, M ranges, or in R position											
22	No engine braking in 1GR position of M range			X			X	X	X	X	X	
23	Transaxle overheats			X		X						
24	Engine stalls when shifted to D, M ranges, or in R position				X				X	X		
25	Engine stalls when driving at slow speeds or stopping				X							
26	Starter does not work											
27	Gear position indicator light does not illuminate in M range											
28	Gear position indicator light illuminates in D range or R, N, R positions											
29	Does not upshift in M range											
30	Does not downshift in M range											
No.	Item	Electrical system components										
Symptom		ATX outer parts										
		Cause of trouble										
		Selector lever mis-adjusted	Parking mechanism malfunction	Not within line pressure specification	Not within idle speed specification	Excessive amount of ATF	TP sensor	Input/turbine speed sensor	VSS	ECT sensor		
		No signal input	Abnormal signal input	No signal input	Abnormal signal input	No signal input	Abnormal signal input	No signal input	Abnormal signal input	No signal input	Abnormal signal input	

B3E0503W001

X : Applied									
1	Vehicle does not move in D, M ranges, or in R position				X			X	X
2	Vehicle moves in N position								
3	Vehicle moves in P position, or parking gear does not disengage when P is disengaged								
4	Excessive creep								
5	No creep at all			X	X			X	X X
6	Low maximum speed and poor acceleration	X	X	X	X			X	X X X
7	No shifting				X			X	X
8	Does not shift to 4GR	X	X	X	X			X	X X
9	Abnormal shifting	X	X		X			X	X
10	Frequent shifting							X	
11	Shift point is high or low							X	
12	Torque converter clutch (TCC) non-operation	X	X	X	X			X	X X X
13	No kickdown				X			X	X
14	Engine flares up or slips when upshifting or downshifting	X	X		X			X	X
15	Engine flares up or slips when accelerating vehicle	X	X	X	X			X	X X
16	Judder upon torque converter clutch (TCC) operation			X				X	X
17	Excessive shift shock from N to D or N to R position/range			X	X			X	X X
18	Excessive shift shock is felt when upshifting and downshifting		X	X	X			X	X X X
19	Excessive shift shock on torque converter clutch (TCC)							X	X
20	Noise occurs at idle when vehicle is stopped in all positions/ranges			X					
21	Noise occurs at idle when vehicle is stopped in D, M ranges, or in R position								
22	No engine braking in 1GR position of M range				X			X	X
23	Transaxle overheats		X	X				X	X
24	Engine stalls when shifted to D, M ranges, or in R position								
25	Engine stalls when driving at slow speeds or stopping								
26	Starter does not work	X	X						
27	Gear position indicator light does not illuminate in M range			X					
28	Gear position indicator light illuminates in D range or P, N, R positions			X					
29	Does not upshift in M range		X	X	X				
30	Does not downshift in M range		X			X	X		
No.	Item	Electrical system components							
Symptom		ATX outer parts					TFT sensor		
		TR switch	M range switch	Up switch	Down switch	Brake switch			
Cause of trouble		Mis-adjusted							
		Not operating properly							
		No signal input							
		Abnormal signal input							
		No signal input							
		Abnormal signal input							
		No signal input							
		Abnormal signal input							
		Always ON							
		Poor GND							
		No signal input							
		Malfunction signal input							
		Shift solenoid D malfunction							

B3E0503W002

X : Applied

1	Vehicle does not move in D, M ranges, or in R position	X	X	X		X	X				X	X	X
2	Vehicle moves in N position					X					X		
3	Vehicle moves in P position, or parking gear does not disengage when P is disengaged												
4	Excessive creep												
5	No creep at all		X	X	X	X	X				X	X	X
6	Low maximum speed and poor acceleration	X	X	X	X	X	X				X	X	X
7	No shifting	X	X	X	X	X	X				X	X	
8	Does not shift to 4GR	X	X	X		X					X	X	
9	Abnormal shifting	X	X	X	X	X	X	X			X	X	X
10	Frequent shifting										X	X	
11	Shift point is high or low										X		
12	Torque converter clutch (TCC) non-operation	X	X			X						X	X
13	No kickdown	X	X	X	X	X					X	X	
14	Engine flares up or slips when upshifting or downshifting	X	X	X	X	X	X				X	X	
15	Engine flares up or slips when accelerating vehicle	X	X		X	X	X				X	X	
16	Judder upon torque converter clutch (TCC) operation	X	X			X						X	X
17	Excessive shift shock from N to D or N to R position/range		X	X	X	X	X	X	X		X		
18	Excessive shift shock is felt when upshifting and downshifting	X	X	X	X	X	X	X	X		X	X	
19	Excessive shift shock on torque converter clutch (TCC)	X	X			X	X					X	X
20	Noise occurs at idle when vehicle is stopped in all positions/ranges												
21	Noise occurs at idle when vehicle is stopped in D, M ranges, or in R position												
22	No engine braking in 1GR position of M range	X			X	X					X	X	
23	Transaxle overheats					X				X			X
24	Engine stalls when shifted to D, M ranges, or in R position					X						X	X
25	Engine stalls when driving at slow speeds or stopping					X						X	X
26	Starter does not work												
27	Gear position indicator light does not illuminate in M range												
28	Gear position indicator light illuminates in D range or P, N, R positions												
29	Does not upshift in M range												
30	Does not downshift in M range												
No.	Item	Electrical system components						Hydraulic system components			Powertrain system		
		ATX inner parts											
		Shift solenoid E malfunction	Shift solenoid A malfunction	Shift solenoid B malfunction	Shift solenoid C malfunction	Pressure control solenoid malfunction	Control valve is not operating properly	Forward accumulator is not operating properly	Servo apply accumulator is not operating properly	Pressure switch malfunction	Oil cooler is not operating properly	Slipping (Brake, clutch)	Burnt (Brake, clutch)
													Torque converter is not operating properly
													TCC burnt inspection method

Symptom

Cause of trouble