SENSED PARAMETER	FAULT CODE	MONITOR STRATEGY DESCRIPTION	MALFUNCTION CRITERIA AND THRESHOLD VALUE(S)	SECONDARY PARAMETERS AND ENABLE CONDITIONS	TIME REQUIRED AND FREQUENCY	MIL ILLUM. TYPE
Vehicle Speed Sensor - Low Input	P0502	0 RPM to 6000 RPM This DTC detects a low vehicle speed when the vehicle has a large engine speed in a drive gear range.	Output Speed < 250 RPM	Gear Range is not Park/Neutral No PSA sensor DTC's set No TP high or low sensor DTC's set Throttle Position > 17% No Map Sensor High or Low DTC's set 50 KPA < VAC < 80 KPA 0 ftlbs < Engine Torque < 65535 ftlbs 3000 rpm < Engine Speed < 5500 RPM	3 seconds Continuous	DTC Type B
Trans Fluid Temp Sensor Circuit - Low Input	P0712	.24V to 5.0V The DTC detects a continuous short to ground in the TTS signal circuit or the TTS sensor	Raw TTS < 0.196 volts	10V < Sys Volt < 17V Ignition "on"	10 sec Continuous	DTC Type B
Trans Fluid Temp. Sensor Circuit - High Input	P0713	.24V to 5.0V The DTC detects a continuous open or short to high in the TTS signal circuit or the TTS sensor	Raw TTS > 4.94 Volts	10V < Sys Volt < 17V Ignition "on"	50 second Continuous	DTC Type B
Brake Switch Circuit Low	P0719	.0V to 12.0V This DTC detects an open brake switch during accelerations.	Accel counts > 7 and brake is on for 900 sec without going off for 2 sec	No VSS DTC's Brake Switch Off is not passed Increment Accel counter when Brake Switch is On and Vehicle Speed < 5 MPH then 5 MPH < Vehicle Speed < 20 MPH for 4 sec then Vehicle Speed > 20 MPH for 6 sec	7 test failures within 7 test samples Continuous	DTC Type B
TCC Solenoid Electrical	P0740	0V to 12V This DTC detects a continuous open or short to ground in the TCC circuit or the TCC sensor	Fail Counter > 43 Counts out of 50 Total Counts	10V < Sys Volt < 17V Ign On	100 ms/count Continuous	DTC Type A

SENSED PARAMETER	FAULT CODE	MONITOR STRATEGY	MALFUNCTION CRITERIA AND THRESHOLD	SECONDARY PARAMETERS AND ENABLE CONDITIONS	TIME REQUIRED AND FREQUENCY	MIL ILLUM.
		DESCRIPTION	VALUE(S)			ТҮРЕ
TCC System Stuck	P0742	This DTC detects low	TCC stuck on counter is greater	40 kpa < VAC < 80.6 kpa		
ON		torque converter slip	than or equal to 3. This is	0 ftlbs < Eng Torque < 65535 ftlbs	Continuous	DTC Type
		when the TCC is	incremented if enable conditons	Commanded Gear is not 1st		В
		commanded off.	are met, only once per TCC	Gear Range is D4, D3 or D2		
			cycle	No PSA sensor DTC's set		
				No TP high or low sensor DTC's set		
				Throttle Position > 13%		
				Engine Running > 450 rpm for > 2 sec		
				Engine Speed < 5500 rpm		
				TCC is commanded off		
				No VSS Low DTC's set		
				-20 rpm < TCC Slip < 20 rpm for > 5.6 sec		
				No TCC Enable Sol. DTC's set		
				No TCC Control Sol. DTC's set		

SENSED PARAMETER	FAULT CODE	MONITOR STRATEGY DESCRIPTION	MALFUNCTION CRITERIA AND THRESHOLD VALUE(S)	SECONDARY PARAMETERS AND ENABLE CONDITIONS	TIME REQUIRED AND FREQUENCY	MIL ILLUM. TYPE
Shift Solenoid A Performance	P0751	This DTC detects 2-2- 3-3 or a 1-1-4-4 shift pattern	Fail Counter >= 3 The fail counter is incremented if fail cases (1,2,3,& 4) or (1,2,3, & 5) are true	GeneralEngine Running > 450 rpm for > 2 secNo TP high or low DTC's setNo Vss low DTC's setNo Vss low DTC's setSo PSA DTC's setGear range is D4Vehicle speed > 5 mph20C < TTS < 130C	The counter is kept in non- volatile memory, so doesn't get reset over the ignition cycles	DTC Type
Shift Solenoid A Electrical	P0753	0V to 12V This DTC detects a continuous open or short to ground in the SSA circuit or the SSA sensor	Fail Counter > 43 Counts out of 50 Total Counts	10V < Sys Volt < 17V Ign On	100 ms/count Continuous	DTC Type A

SENSED PARAMETER	FAULT CODE	MONITOR STRATEGY DESCRIPTION	MALFUNCTION CRITERIA AND THRESHOLD VALUE(S)	SECONDARY PARAMETERS AND ENABLE CONDITIONS	TIME REQUIRED AND FREQUENCY	MIL ILLUM. TYPE
Shift Solenoid B Performance	P0756	This DTC detects a non-2-3 upshift and a non - 1st gear when 1st gear is commanded or 1st gear when 4th gear is commanded	Fail Case 1 Stuck on Counter >= 3: it is incremented if fail cases 3&4 are true or Fail Case 2 Gear Stuck off Counter >= 3: it is incremented if fail cases 1&3 are true		The counter is kept in non- volatile memory, so doesn't get reset over the ignition cycles	DTC Type A
Shift Solenoid B Electrical	P0758	0V to 12V This DTC detects a continuous open or short to ground in the SSB circuit or the SSB sensor	Fail Counter > 43 Counts out of 50 Total Counts	10V < Sys Volt < 17V Ign On	100 ms/count Continuous	DTC Type A

SENSED PARAMETER	FAULT CODE	MONITOR STRATEGY DESCRIPTION	MALFUNCTION CRITERIA AND THRESHOLD VALUE(S)	SECONDARY PARAMETERS AND ENABLE CONDITIONS	TIME REQUIRED AND FREQUENCY	MIL ILLUM. TYPE
3-2 Control Solenoid Electrical	P0785	0V to 12V This DTC detects a continuous open or short to ground in the 3-2 control sol. circuit or the 3-2 control sol. sensor	Fail Counter > 43 Counts out of 50 Total Counts	10V < Sys Volt < 17V Ign On	100 ms/count Continuous	DTC Type A
Traction Control Ckt Active Too Long in P/N	P1572	Ov to 12V This DTC detects when the Traction Control Circuit is Active in P/N	Traction Control active	No PSA DTC's In P/N	6.4 Sec	DTC Type B
PSA Circuit Malfunction	P1810	0V to 12V This DTC detects an invalid state of the PSA sensor or the PSA circuit by deciphering the PSA inputs.	This DTC will fail if any of the following fail cases are true: Fail Case 1 Illegal Trans Pressure Switch State Fail Case 2 Gear range is D2, D4, Rev Fail Case 3 Gear range is P/N	Fail Case 1Enging Running $10V < Sys Volt < 17V$ Fail Case 2 $10V < Sys Volt < 17V$ No VSS DTC'sEngine Speed < 100rpm for > 0.3 sec then $100 rpm < Eng Spd < 600 rpm for > 0.3 sec$ then Eng Spd > 600 rpm for > 3 secvehicle Speed < 4 mph	Fail Case 1 25.4 seconds Fail Case 2 3 Seconds Fail Case 3 5 seconds Continuous	DTC Type B

SENSED PARAMETER	FAULT CODE	MONITOR STRATEGY DESCRIPTION	MALFUNCTION CRITERIA AND THRESHOLD VALUE(S)	SECONDARY PARAMETERS AND ENABLE CONDITIONS	TIME REQUIRED AND FREQUENCY	MIL ILLUM. TYPE
TCC PWM Solenoid Electrical	P1860	0V to 12V This DTC detects a continuous open or short to ground in the TCC PWM circuit or the TCC PWM sensor	Fail Counter > 43 Counts out of 50 Total Counts	10V < Sys Volt < 17V Ign On gear = 1st No SSA DTC's No SSB DTC's Runs only during intrusive test: TCC = 100% for > 0.1 sec TCC = 0% for > 5 sec 1 time per key cycle	100 ms/count Continuous	DTC Type A
Transmission Component Slipping	P1870	This DTC detects excessive TCC slip when the torque converter clutch should be engaged.	Trans Slip Counter > 3	Engine Running > 450 rpm > 2 sec Engine Speed < 5500 rpm Gear is not 1st No TPS sensor High or Low DTC's set 13.3% < TPS < 36% No TTS sensor DTC's set 20C < TTS < 130C No PSA DTC's set No VSS Low DTC's set No TCC Enable Sol. DTC's set No TCC Control Sol. DTC's set No TCC Control Sol. DTC's set No SSA Sol. DTC's set No SSB Sol. DTC's set 35 kpa < Eng Vac < 70.6 kpa 0 filbs < Eng Torque < 65535 filbs Gear Range is D4 TCC at Max Apply for > 0.1 sec TCC on for > 0.1 sec Shift Solenoid Perf Counters equal zero TCC Slip > 130 rpm for > 8 sec	Continuous	DTC Type B