

2003 MY for Torque Converter Clutch Pressure Control Solenoid Circuit Electrical (Shift Solenoid Valve SLU) Monitor (P2759)

To return to monitor description, see page [Cm-493](#).

MONITOR STRATEGY

Required sensors/Components	Main	Shift solenoid valve SLU
	Sub	None
Frequency of operation	Continuous	
Duration	1 sec.	
MIL operation	1 driving cycle	
Sequence of operation	None	

TYPICAL ENABLING CONDITIONS

Item		Specification	
		Minimum	Maximum
The monitor will run whenever the following DTCs are not present.		See page In-39	
Engine family	Item	Specification	
		Minimum	Maximum
2JZ-GE, 3UZ-FE	Solenoid current shout OFF	Not shut OFF	
	Battery voltage	11 V or more	–
	CPU commanded duty ratio	19 % or more	–
	Starter	OFF	
2UZ-FE	Range check (A)		
	Battery voltage	10 V or more	Less than 12 V
	CPU commanded duty ratio	–	Less than 75 %
	Starter	OFF	
	Range check (B)		
	Battery voltage	12 V or more	–
	Starter	OFF	

TYPICAL MALFUNCTION THRESHOLDS

Engine family	Detection criteria	Threshold
2JZ-GE, 3UZ-FE	Diagnostic signal from IC	Fail
2UZ-FE	(A) & (B)	
	Output signal duty ratio	100 % or more