

2000 / 2001 for Shift/ Timing Solenoid (Shift Solenoid Valve ST) Monitor (P1790)

To return to monitor description, see page [Cm-354](#).

MONITOR STRATEGY

Required sensors/Components	Main	Shift solenoid valve ST
	Sub	None
Frequency of operation	Continuous	
Duration	0.5 sec.	
MIL operation	Immediate	
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
All models	Solenoid	ON (2 times)
	Solenoid	OFF (2 times)

TYPICAL MALFUNCTION THRESHOLDS

Engine family	Detection criteria	Threshold
All models	Range check (Low resistance)	
	Solenoid resistance	8 Ω or less
	Range check (High resistance)	
	Solenoid resistance	100 k Ω or more