

2003 MY for Pressure Control Solenoid "A" Electrical (Shift Solenoid Valve SL1) Monitor (P0748)

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To return to monitor description, see page [Cm-142](#).

MONITOR STRATEGY

Required sensors/Components	Main	Shift solenoid valve No.1
	Sub	None
Frequency of operation	Continuous	
Duration	1 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
2UZ-FE, 1MZ-FE (RX300, HIGH LANDER, CAMRY)	Condition (A)		
	Battery voltage	10 V or more	Less than 12 V
	Target duty ratio	–	Less than 75 %
	Starter	OFF	
	Condition (B)		
	Battery voltage	12 V or more	–
	Starter	OFF	
2AZ-FE, 1AZ-FE, 2ZZ-GE, 1MZ-FE (ES300)	Starter	OFF	
	Solenoid current cut status	Not cut	
	Battery voltage	11 V or more	–
	CPU commanded duty	19 % or more	–

TYPICAL MALFUNCTION THRESHOLDS

Engine family	Detection criteria	Threshold
2UZ-FE, 1MZ-FE (RX300, HIGH LANDER, CAMRY)	(A) & (B)	
	Output signal duty	100 % or more
2AZ-FE, 1AZ-FE, 2ZZ-GE, 1MZ-FE (ES300)	Solenoid status from Hybrid IC	Fail