

2002 MY for Input/Turbine Speed Sensor Circuit No Signal Monitor (P1725)

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MONITOR STRATEGY

Required sensors/Components	Main	Input/Turbine speed sensor
	Sub	None
Frequency of operation	Continuous	
Duration	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
1MZ-FE (RX300, HIGH LAND-ER), 2AZ-FE, 1AZ-FE, 2ZZ-GE, 1ZZ-FE	Shift change is completed and before starting next shift change operation		
	Shift position	2nd or 3rd or 4th	
	Output shaft rpm	1,000 rpm or more	—
	PNP switch	OFF	
	Shift lever "R" range switch	OFF	
	Shift lever "L" range switch	OFF	
1MZ-FE (ES300, CAMRY)	Shift change is completed and before starting next shift change operation		
	Shift position	2nd or 3rd or 4th or 5th	
	Output shaft rpm	1,000 rpm or more	—
	PNP switch	OFF	
	Shift lever "R" range switch	OFF	
	Shift lever "L" range switch	OFF	
	Engine	Running	
1NZ-FE	Shift change is completed and before starting next shift change operation		
	Shift position	3rd or 4th	
	Output shaft rpm	1,000 rpm or more	—
	PNP switch	OFF	
	Shift lever "R" range switch	OFF	
	Shift lever "L" range switch	OFF	
	Engine	Running	

TYPICAL MALFUNCTION THRESHOLDS

Engine family	Detection criteria	Threshold
All models	Sensor signal rpm	Less than 300 rpm