

2002 MY for Input/Turbine Speed Sensor Circuit No Signal Monitor (P0715)

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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
2UZ-FE, 3UZ-FE, 2JZ-GE, 3UZ-FE	Output shaft rpm	1,000 rpm or more	–
	PNP switch	OFF	
	Shift range	Not "R" position	
2UZ-FE	Shift status	1st or 2nd or 3rd except 3 sec. after "4" to "3" shift	
3UZ-FE (SC430)	Shift status	1st or 2nd or 3rd or 4th except 3 sec. after "5" to "4" shift and No.4 solenoid is OFF	
2JZ-GE, 3UZ-FE (LS430, GS430)	Shift status	1st or 2nd or 3rd or 4th except 3 sec. after "5" to "4" shift and No.4 solenoid is OFF except 5 sec. after ON to OFF	

TYPICAL MALFUNCTION THRESHOLDS

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