

2002 MY for Output Speed Sensor Monitor (P1700)

To return to monitor description, see page [Ct-76](#).

MONITOR STRATEGY

Required sensors/Components	Main	Output speed sensor
	Sub	None
Frequency of operation	Continuous	
Duration	500 output shaft revolution	
MIL operation	2 driving cycles	
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
3RZ-FE, 2UZ-FE, 5VZ-FE	Vehicle speed range	9 km/h (6 mph) or more	–
3RZ-FE, 2UZ-FE (LX470, LAND CRUISER, SEQUOIA), 5VZ-FE	Transfer neutral switch	OFF	
3RZ-FE, 2UZ-FE, 5VZ-FE	Time with the following condition	More than 4 pulse	–
5VZ-FE, 2UZ-FE (TUNDRA)	PNP switch	OFF	

TYPICAL MALFUNCTION THRESHOLDS

Engine family	Detection criteria	Threshold
All models	No pulse input during 4 vehicle speed sensor pulse input	More than 500 times