

1999 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	Less than 10 sec.	
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
All models (Except 3S-FE, 2UZ-FE)	Condition (A)		
	PNP switch	OFF	
	Vehicle speed	9 km/h (6 mph) or more	–
	No-pulse counter	500 times or more	–
3S-FE	Condition (A)		
	PNP switch	OFF	
	Vehicle speed	9 km/h (6 mph) or more	–
	No-pulse counter	500 times or more	–
	Condition (B)		
	PNP switch	OFF	
	Vehicle speed	18 km/h (11 mph) or more	–
	No-pulse counter	5,400 counts or more	–
2UZ-FE	Condition (A)		
	PNP switch	OFF	
	Vehicle speed	9 km/h (6 mph) or more	–
	No-pulse counter	500 times or more	–
	Condition (B)		
	PNP switch	OFF	
	Vehicle speed	18 km/h (11 mph) or more	–
	No-pulse counter	500 counts or more	–

TYPICAL MALFUNCTION THRESHOLDS

Engine family	Detection criteria	Threshold
All models	Condition (A), Condition (B)	
	Sensor signal	No pulse input