

1996 to 2004 MY Vehicle Speed Sensor Monitor (P0500)

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MONITOR STRATEGY

Required sensors/Components	Main	Vehicle speed sensor (or NC sensor), Skid control ECU and Combination meter
	Sub	Crankshaft position sensor, MAF sensor (or MAP sensor), PNP switch and Hybrid ECM (for 1NZ-FXE)
Frequency of operation	Continuous	
Duration	Within 10 sec.	
MIL operation	2 driving cycles	
Sequence of operation	None	

TYPICAL ENABLING CONDITIONS

Item	Specification
The monitor will run whenever the following DTCs are not present	See page In-39
Vehicle running	• M/T models: Determined by the volume of intake air and engine RPM after the engine warmed up • A/T models: Determined by the throttle angle, PNP switch, engine RPM • 1NZ-FXE Prius: Determined when a signal for vehicle speed 10 km/h (6 mph) or more is output from the Hybrid ECM

TYPICAL MALFUNCTION THRESHOLDS

Detection Criteria	Threshold
Vehicle speed sensor signal while vehicle is underway:	No signal