

2003 MY for Transmission Range Sensor Circuit Malfunction (PRNDL Input) Monitor (P0850)

2003 MY for Park/Neutral Switch Input Circuit Monitor (P0850)

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MONITOR STRATEGY

Required sensors/Components	Main	Park/Neutral position switch
	Sub	None
Frequency of operation	Continuous	
Duration	30 sec.	
MIL operation	2 driving cycle	
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	Vehicle speed	40 km/h (25 mph) or more	–
1GR-FE, 2AZ-FE, 5VZ-FE, 2RZ-FE, 3RZ-FE, 2AZ-FE (CAMRY SOLARA), 2UZ-FE	Vehicle speed	70 km/h (43 mph) or more	–
1MZ-FE	Engine speed	1,500 rpm or more	Less than 4,000 rpm
2RZ-FE, 3RZ-FE, 2AZ-FE, 2UZ-FE	Engine speed	1,500 rpm or more	2,500 rpm or less
5VZ-FE, 1GR-FE	Engine speed	1,200 rpm or more	2,500 rpm or less
1MZ-FE	Intake air amount per revolution	0.55 g/rev. or more	–
2AZ-FE (CAMRY Supplement, CAMRY)	Intake air amount per revolution	0.4 g/rev. or more	–
2AZ-FE, 3RZ-FE, 2AZ-FE (CAMRY SOLARA), 2UZ-FE, 1GR-FE	Intake air amount per revolution	0.6 g/rev. or more	–

TYPICAL MALFUNCTION THRESHOLDS

Engine family	Detection criteria	Threshold
All models	PNP signal	ON