

Cruise:	Stalls/Quits	6
	Misses	12
	Bucks/Jerks	14
	Backfires	13
	Lack/Loss of power	16
	Surge	17
	Spark knock	18
	Cooling system temperature	19
	Poor fuel economy	20
	Emissions compliance	21
Deceleration:	Stalls/Quits	6
	Backfires	13

REFERENCE VALUE PARAMETER IDENTIFICATION (PID)/MEASURED SIGNAL CHART

The following listing reflects PIDS and/or measured values which may reveal a possible concern within each system illustrated. Match the category number with the related PID/measured signal and go to the TYPICAL DIAGNOSTIC REFERENCE VALUE CHARTS .

PID/MEASURED SIGNAL CHART

Category Number	Related PIDS/Measured Signals
5-10-17	ACP
1-23	APP1
1-23	APP2
23	BOO1/BOO2
18-19	CHT
1-2-3-5-6-7-11-12-13-14-15-16-17-20-21	CKP
1-2-3-5-6-7-11-12-13-14-15-16-17-20-21	CMP
10	CPP/PNP
3-5-6-7-9-11-15-16-20-21	DPFEGR
4-18-19-21-22	ECT
3-5-6-7-9-11-15-16-20-21	EGRMC1-4
3-5-6-7-9-11-15-16-20-21	EGRMDSD
3-5-6-7-9-11-15-16-20-21	EGRVR
5-18-19-20-21	EOT
3-5-6-11-21	EVAPCV

3-5-6-11-21	EVMV
20	FLI
1 thru 21	FP
1 thru 21	FPM
1 thru 21	FRP
1 thru 21	FRT
5	FTP
1 thru 21	FUELPW1/2
1 thru 21	FUELSYS (OL/CLSD-LP)
19	HFC
1 thru 21	HTR11/12/21/22
2-3-5-7-8-10-22	IAT
2-3-5-7-8-10-22	IAT2
5-14-15-16-17-20	IMTV
4-5-16-18-19-20-21	KS
19	LFC
1 thru 21	LONGFT1/2
1 thru 23	MAF
1 thru 23	MAP
1 thru 22	MISF
1 thru 21	O2S11/12/21/22
22	OSS
10	PSP
5	PTO
1 thru 23	RPM
5-14-16-17	SCICP
1 thru 21	SHRTFT1/2/11/12/21/22
15-16-18-19-20-21	SPARKADV ^a
1-23	TP
2-4-5-9-10-11-16-17-18-19-20-21	VCT
2-4-5-9-10-11-16-17-18-19-20-21	VCTDC/VCTDC2
1-2-3-5-6-11-12-13-14	VPWR
22-23	VSS

Some signals can only be measured and require the use of a digital multimeter (DMM).