

## 1999 Mercury Mystique GS

1999 ENGINE PERFORMANCE Self-Diagnostics - EEC-V

### DIAGNOSTIC TROUBLE CODE (DTC) DEFINITIONS

**NOTE:** Use the following table to identify the DTC and find the correct test step for the type of DTC retrieved.

#### DIAGNOSTIC TROUBLE CODE (DTC) DEFINITION

Diagnostic Trouble Code (DTC)	Definition	(1)KOEO	(1)KOER	(1)Continuous
P0102	Mass Air Flow (MAF) Circuit Low Input	--	DC2	DC2
P0103	Mass Air Flow (MAF) Circuit High Input	DC20	DC20	DC20
P0106	Barometric (BARO) Pressure Sensor Circuit Performance	--	--	DQ1
P0107	BARO Sensor Low Voltage Detected	--	--	DQ1
P0108	BARO Sensor High Voltage Detected	--	--	DQ1
P0109	BARO Sensor Circuit Intermittent	--	--	DQ1
P0112	Intake Air Temperature (IAT) Circuit Low Input	DA20	DA20	DA90
P0113	Intake Air Temperature (IAT) Circuit High Input	DA10	DA10	DA90
P0117 (W/O ECT Sensor)	Engine Coolant Temperature (ECT) Circuit Low Input	DL20	DL20	DL90
P0117 (All Others)	Engine Coolant Temperature (ECT) Circuit Low Input	DA20	DA20	DA90
P0118 (W/O ECT Sensor)	Engine Coolant Temperature (ECT) Circuit High Input	DL10	DL10	DL90
P0118 (All Others)	Engine Coolant Temperature (ECT) Circuit High Input	DA10	DA10	DA90
P0121	Throttle Position (TP) Circuit Performance Problem	--	DH22	DH22
P0122	Throttle Position (TP) Circuit Low Input	DH11	DH11	DH11
P0123	Throttle Position (TP) Circuit High Input	DH8	DH8	DH8

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P0125	Insufficient Coolant Temperature For Closed Loop Fuel Control	--	--	DA100
P0127 (5.4L Lightning)	Intake Air Temperature Too High	--	--	DU30
P0131	HO2S Sensor Circuit Out of Range Low Voltage (HO2S-11)	--	--	H27
P0133	HO2S Sensor Circuit Slow Response (HO2S-11)	--	--	H20
P0135 (Natural Gas)	HO2S Sensor Circuit Malfunction (HO2S-11)	HA30	HA30	HA30
P0135 (All Others)	HO2S Sensor Circuit Malfunction (HO2S-11)	H30	H30	H30
P0136	HO2S Sensor Circuit Malfunction (HO2S-12)	--	--	H80
P0141 (Natural Gas)	HO2S Sensor Circuit Malfunction (HO2S-125)	HA30	HA30	HA30
P0141 (All Others)	HO2S Sensor Circuit Malfunction (HO2S-125)	H30	H30	H30
P0151	HO2S Sensor Circuit Out of Range Low Voltage (HO2S-21)	--	--	H27
P0153	HO2S Sensor Circuit Slow Response (HO2S-21)	--	--	H20
P0155 (Natural Gas)	HO2S Sensor Circuit Malfunction (HO2S-21)	HA30	HA30	HA30
P0155 (All Others)	HO2S Sensor Circuit Malfunction (HO2S-21)	H30	H30	H30
P0156	HO2S Sensor Circuit Malfunction (HO2S-22)	--	--	H80
P0161 (Natural Gas)	HO2S Sensor Circuit Malfunction (HO2S-22)	HA30	HA30	HA30
P0161 (All Others)	HO2S Sensor Circuit Malfunction (HO2S-22)	H30	H30	H30
P0171 (Natural Gas)	System too Lean (Bank 1)	--	--	HA41
P0171 (All Others)	System too Lean (Bank 1)	--	--	H41
P0172 (Natural Gas)	System too Rich (Bank 1)	--	--	HA41
P0172 (All Others)	System too Rich (Bank 1)	--	--	H41
P0174 (Natural Gas)	System too Lean (Bank 2)	--	--	HA41
P0174 (All Others)	System too Lean (Bank 2)	--	--	H41
P0175 (Natural Gas)	System too Rich (Bank 2)	--	--	HA41
P0175 (All Others)	System too Rich (Bank 2)	--	--	H41

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P0176	Flex Fuel (FF) Sensor	--	DE1	DE20
P0180	Engine Fuel Temperature (EFT) Sensor	DB2	DB2	DB8
P0181	Engine Fuel Temperature (EFT) Sensor	DB1	DB1	--
P0182 (Natural Gas)	Engine Fuel Temperature (EFT) Sensor	DB2	DB2	DB8
P0183	Engine Fuel Temperature (EFT) Sensor	DB2	DB2	DB7
P0190	Fuel Rail Pressure Sensor Circuit Malfunction (FRP)	DD11	DD11	DD15
P0191	Fuel Rail Pressure Sensor Circuit Performance (FRP)	DD16	DD16	DD16
P0192	Fuel Rail Pressure Sensor Circuit Low Input (FRP)	DD1	DD1	DD15
P0193	Fuel Rail Pressure Sensor Circuit High Input (FRP)	DD7	DD7	DD15
P0217 (5.4L Lightning)	Engine Coolant Over-Temperature Condition	--	--	DL100
P0230 (Natural Gas)	Fuel Pump Primary Circuit Malfunction	KC1	KC1	KC40
P0230 (All Others)	Fuel Pump Primary Circuit Malfunction	KA1	KA1	KA40
P0231 (Natural Gas)	Fuel Pump Secondary Circuit Low	KC20	KC20	KC35
P0231 (All Others)	Fuel Pump Secondary Circuit Low	KA20	KA20	KA35
P0232 (Natural Gas)	Fuel Pump Secondary Circuit High	KC10	KC10	KC30
P0232 (All Others)	Fuel Pump Secondary Circuit High	KA10	KA10	KA30
P0234 (5.4L Lightning)	Fuel Pump Secondary Circuit High	--	--	KJ1
P0243 (5.4L Lightning)	Fuel Pump Secondary Circuit High	KJ6	KJ6	KJ6
P0298 (LS6/LS8)	Engine Oil Over Temperature Condition	--	--	DA130
P0300	Random Misfire	--	HD1	HD1
P0301	Misfire Detection Monitor	--	HD1	HD1
P0302	Misfire Detection Monitor	--	HD1	HD1
P0303	Misfire Detection Monitor	--	HD1	HD1
P0304	Misfire Detection Monitor	--	HD1	HD1
P0305	Misfire Detection Monitor	--	HD1	HD1

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P0306	Misfire Detection Monitor	--	HD1	HD1
P0307	Misfire Detection Monitor	--	HD1	HD1
P0308	Misfire Detection Monitor	--	HD1	HD1
P0309	Misfire Detection Monitor	--	HD1	HD1
P0310	Misfire Detection Monitor	--	HD1	HD1
P0320	Ignition Diagnostic Monitor (IDM)	<u>NC1</u>	--	<u>NC1</u>
P0325 <sup>(2)</sup>	Knock Sensor 1 Circuit Malfunction (Bank 1)	--	DG15	DG15
P0325 (All Others)	Knock Sensor 1 Circuit Malfunction (Bank 1)	--	DG1	DG1
P0326 <sup>(2)</sup>	Knock Sensor 1 Circuit Malfunction (Bank 1)	--	DG15	DG15
P0326 (All Others)	Knock Sensor 1 Circuit Malfunction (Bank 1)	--	DG1	DG1
P0330 <sup>(2)</sup>	Knock Sensor 2 Circuit Malfunction (Bank 2)	--	DG15	DG15
P0330 (All Others)	Knock Sensor 2 Circuit Malfunction (Bank 2)	--	DG1	DG1
P0331 <sup>(2)</sup>	Knock Sensor 2 Circuit Range/performance (Bank 2)	--	DG15	DG15
P0331 (All Others)	Knock Sensor 2 Circuit Range/performance (Bank 2)	--	DG1	DG1
P0340	Camshaft Position (CMP) Sensor Circuit Malfunction	--	DR1	DR1
P0350	Ignition Coil (Undetermined) Primary/ Secondary Circuit Malfunction	--	JB1	JB1
P0351 (With Coil Pack)	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JE1	JE1
P0351 (With Coil-On-Plug)	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0352 (With Coil Pack)	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JE1	JE1
P0352 (With Coil-On-Plug)	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0353 (With Coil Pack)	Ignition Coil A through J	--	JE1	JE1

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	Primary/ Secondary Circuit Malfunction			
P0353 (With Coil-On-Plug)	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0354 (With Coil Pack)	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JE1	JE1
P0354 (With Coil-On-Plug)	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0355	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0356	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0357	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0358	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0359	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0360	Ignition Coil A through J Primary/ Secondary Circuit Malfunction	--	JF1	JF1
P0401	EGR Flow Insufficient Detected	--	--	HE70
P0402	EGR Flow Excessive Detected	--	HE20	HE20
P0411	Secondary Air Injection (AIR) system upstream flow	HM7	HM7	HM7
P0412	Secondary Air Injection System (AIR) circuit malfunction	HM1	HM1	HM1
P0420	Catalyst System Efficiency Below Threshold (Bank 1)	--	--	HF1
P0430	Catalyst System Efficiency Below Threshold (Bank 2)	--	--	HF1
P0442	EVAP Control System Leak Detected (Small Leak)	--	--	HX1

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P0443	EVAP Control System Canister Purge Valve Circuit Malfunction	HX11	HX11	HX10
P0451 <sup>(3)</sup>	FTP Sensor Circuit Noisy	--	--	Z1
P0452	FTP Sensor Circuit Low Voltage Detected	HX26	HX26	HX26
P0453	FTP Sensor Circuit High Voltage Detected	HX33	HX33	HX33
P0455	EVAP Control System Leak Detected (No Purge Flow or Large Leak)	--	--	HX44
P0457 <sup>(3)</sup>	EVAP Control System Leak Detected (Fuel Filter Cap Loose/Off)	--	--	HX43
P0460	Fuel Level Sensor Circuit Malfunction	--	HX76	HX76
P0500 <sup>(4)</sup>	Vehicle Speed Sensor (VSS) Malfunction	--	--	DP5
P0500 <sup>(5)</sup>	Vehicle Speed Sensor (VSS) Malfunction	(14)	(14)	(14)
P0500 <sup>(6)</sup>	Vehicle Speed Sensor (VSS) Malfunction	--	--	DF1
P0500 <sup>(7)</sup>	Vehicle Speed Sensor (VSS) Malfunction	--	--	DP30
P0500 (All Others)	Vehicle Speed Sensor (VSS) Malfunction	--	--	DP1
P0501 <sup>(4)</sup>	Vehicle Speed Sensor (VSS) Range/ Performance	--	--	DP5
P0501 <sup>(5)</sup>	Vehicle Speed Sensor (VSS) Range/ Performance	--	--	(14)
P0501 <sup>(6)</sup>	Vehicle Speed Sensor (VSS) Range/ Performance	--	--	DF1
P0501 <sup>(7)</sup>	Vehicle Speed Sensor (VSS) Range/ Performance	--	--	DP30
P0501 (All Others)	Vehicle Speed Sensor (VSS) Range/ Performance	--	--	DF1
P0503 <sup>(5)</sup>	Vehicle Speed Sensor (VSS) Intermittent	(14)	(14)	(14)
P0503 (All Others)	Vehicle Speed Sensor (VSS) Intermittent	--	--	DP20
P0505	Idle Air Control System Malfunction	--	KE2	--
P0552	Power Steering Pressure (PSP) Sensor Circuit	--	DT1	DT1

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	Malfunction			
P0553	Power Steering Pressure (PSP) Sensor Circuit Malfunction	--	DT1	DT1
P0602	Control Module Programming Error	(8)	(8)	(8)
P0603	Powertrain Control Module KAM Test Error	QB1	--	--
P0605	PCM Read Only Memory (ROM) error	Replace PCM <sup>(8)</sup>	Replace PCM <sup>(8)</sup>	Replace PCM <sup>(8)</sup>
P0703 <sup>(9)</sup>	Brake Switch Circuit Input Malfunction	FD2	FD1	--
P0703 (All Others)	Brake Switch Circuit Input Malfunction	FD2	FD1	FD3
P0704 <sup>(10)</sup>	Clutch Pedal Position Switch Malfunction	TA1	--	TA1
P0704 (All Others)	Clutch Pedal Position Switch Malfunction	TA5	--	TA5
P0705	--	(11)	--	(11)
P0707	--	--	--	(11)
P0708	--	--	--	(11)
P0712	--	(11)	(11)	(11)
P0713	--	(11)	(11)	(11)
P0715	--	--	(11)	(11)
P0717	--	--	(11)	(11)
P0720 (Auto Trans.)	Insufficient input from Output Shaft Speed sensor	--	--	(11)
P0720 (Manural Trans.)	Insufficient input from Output Shaft Speed sensor	--	--	TJ1
P0721 (Auto Trans.)	Noise interference on Output Shaft Speed sensor signal	--	--	(11)
P0721 (Manural Trans.)	Noise interference on Output Shaft Speed sensor signal	--	--	TJ1
P0722 (Auto Trans.)	Noise interference on Output Shaft Speed sensor signal	--	--	(11)
P0722 (Manural Trans.)	Noise interference on Output Shaft Speed sensor signal	--	--	TJ1
P0723 (Auto Trans.)	Noise interference on	--	--	(11)

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	Output Shaft Speed sensor signal			
P0723 (Manural Trans.)	Noise interference on Output Shaft Speed sensor signal	--	--	TJ1
P0731	--	--	--	(11)
P0732	--	--	--	(11)
P0733	--	--	--	(11)
P0734	--	--	--	(11)
P0735	--	--	--	(11)
P0736	--	--	--	(11)
P0741	--	--	--	(11)
P0743	--	(11)	(11)	(11)
P0746	--	--	--	(11)
P0750	--	(11)	(11)	(11)
P0751	--	--	--	(11)
P0755	--	(11)	(11)	(11)
P0756	--	--	--	(11)
P0760	--	(11)	(11)	(11)
P0761	--	--	--	(11)
P0765	--	--	--	(11)
P0779	--	--	--	(11)
P0781	--	--	--	(11)
P0782	--	--	--	(11)
P0783	--	--	--	(11)
P0784	--	--	--	(11)
P0796	--	(11)	--	(11)
P0797	--	(11)	--	(11)
P0799	--	--	--	(11)
P0812	--	--	--	TH1
P0813	--	--	--	(11)
P0815	--	--	--	(11)
P1000	Monitor Testing Not Complete	(12)	(12)	QC1
P1001	KOER Not Able To Complete, KOER Aborted	--	QA1	--
P1100	Mass Air Flow (MAF)	--	--	DC3



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	Sensor Intermittent			
P1101	Mass Air Flow (MAF) Sensor Out of Self-Test Range	DC2	DC1	--
P1112	Intake Air Temperature (IAT) Sensor Intermittent	--	--	DA90
P1114	Intake Air Temperature (IAT) Sensor Intermittent	DA20	DA20	DA20
P1115	Intake Air Temperature (IAT) Sensor Intermittent	DA10	DA10	DA10
P1116 (W/O ECT Sensor)	Engine Coolant Temperature (ECT) Sensor Out of Self-Test Range	DL1	DL1	--
P1116 (All Others)	Engine Coolant Temperature (ECT) Sensor Out of Self-Test Range	DA1	DA1	--
P1117 (W/O ECT Sensor)	Engine Coolant Temperature (ECT) Sensor Intermittent	--	--	DL90
P1117 (All Others)	Engine Coolant Temperature (ECT) Sensor Intermittent	--	--	DA90
P1120	Throttle Position (TP) Sensor Out of Range Low (RATCH too Low)	DH3	DH3	DH3
P1121	Throttle Position (TP) Sensor Inconsistent with MAF Sensor	--	DH15	DH15
P1124	Throttle Position (TP) Sensor Out of Self-Test Range	DH1	DH1	--
P1125	Throttle Position (TP) Sensor Intermittent	--	--	DH20
P1127 (Natural Gas)	Exhaust Not Warm Enough, Downstream Sensor Not Tested	--	HA90	--
P1127 (All Others)	Exhaust Not Warm Enough, Downstream Sensor Not Tested	--	H100	--
P1128 (Natural Gas)	Upstream Oxygen Sensors Swapped from Bank to Bank (HO2S-11-21)	--	HA100	--
P1128 (All Others)	Upstream Oxygen Sensors Swapped from Bank to Bank (HO2S-11-21)	--	H110	--

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P1129 (Natural Gas)	Downstream Oxygen Sensors Swapped from Bank to Bank (HO2S-12-22)	--	HA100	--
P1129 (All Others)	Downstream Oxygen Sensors Swapped from Bank to Bank (HO2S-12-22)	--	H110	--
P1130 (Natural Gas)	Lack of HO2S-11 Switch, Fuel Trim at Limit	--	--	HA40
P1130 (All Others)	Lack of HO2S-11 Switch, Fuel Trim at Limit	--	--	HA40
P1131 (Natural Gas)	Lack of HO2S-11 Switch, Sensor Indicates Lean	--	HA40	HA40
P1131 (All Others)	Lack of HO2S-11 Switch, Sensor Indicates Lean	--	H40	H40
P1132 (Natural Gas)	Lack of HO2S-11 Switch, Sensor Indicates Rich	--	HA40	HA40
P1132 (All Others)	Lack of HO2S-11 Switch, Sensor Indicates Rich	--	H40	H40
P1137	Lack of HO2S-12 Switch, Sensor Indicates Lean	--	H80	--
P1138	Lack of HO2S-12 Switch, Sensor Indicates Rich	--	H80	--
P1150 (Natural Gas)	Lack of HO2S-21 Switch, Fuel Trim at Limit	--	--	HA40
P1150 (All Others)	Lack of HO2S-21 Switch, Fuel Trim at Limit	--	--	H40
P1151 (Natural Gas)	Lack of HO2S-21 Switch, Sensor Indicates Lean	--	HA40	HA40
P1151 (All Others)	Lack of HO2S-21 Switch, Sensor Indicates Lean	H40	H40	H40
P1152 (Natural Gas)	Lack of HO2S-21 Switch, Sensor Indicates Rich	--	HA40	HA40
P1152 (All Others)	Lack of HO2S-21 Switch, Sensor Indicates Rich	--	H40	H40
P1157	Lack of HO2S-22 Switch, Sensor Indicates Lean	--	H80	--
P1158	Lack of HO2S-22 Switch, Sensor Indicates Rich	--	H80	--
P1168 (Natural Gas)	Fuel Rail Pressure (FRP) Sensor	--	--	DD16
P1169 (Natural Gas)	Fuel Rail Pressure (FRP) Sensor	--	--	DD16

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P1180 (Natural Gas)	Natural Gas Fuel Delivery System	--	--	HB17
P1181 (Natural Gas)	Natural Gas Fuel Delivery System	--	--	HB17
P1183	Engine Oil Temperature (EOT) Sensor Circuit Malfunction	--	--	DA111
P1184	Engine Oil Temperature (EOT) Sensor Out of Self-Test Range	DA110	DA110	DA110
P1229 (5.4L SC Lightning)	Charge Air Cooler Pump (CAC)	KP1	KP1	KP1
P1232	Low Speed Fuel Pump Primary Circuit Malfunction	KA45	KA45	KA60
P1233	Fuel Pump Driver Module (FPDM)	KB1	KB1	KB1
P1233 (LS6/LS8)	Fuel Pump Driver Module (FPDM)	(13)	(13)	(13)
P1234	Fuel Pump Driver Module (FPDM)	KB1	KB1	KB1
P1234 (LS6/LS8)	Fuel Pump Driver Module (FPDM)	(13)	(13)	(13)
P1235	Fuel Pump Driver Module (FPDM)	KB30	KB30	KB30
P1236	Fuel Pump Driver Module (FPDM)	KB30	KB30	KB30
P1237	Fuel Pump Driver Module (FPDM)	KB47	KB47	KB47
P1238	Fuel Pump Driver Module (FPDM)	KB47	KB47	KB47
P1244	Generator Load Input (GLI)	--	FH1	FH1
P1245	Generator Load Input (GLI)	--	FH1	FH1
P1246 <sup>(4)</sup>	Generator Load Input (GLI)	--	FH1	FH1
P1246 (All Others)	Generator/Regulator System	--	HY1	HY1
P1260	Theft Detected - Vehicle Immobilized	--	--	QD1
P1270	Engine RPM/Vehicle Speed Limiter	--	--	<b>ND1</b>
P1285	Cylinder Head Over Temperature Sensed	DL30	DL30	DL30
P1288	Cylinder Head Temperature (CHT) Sensor Circuit Out	DL1	DL1	--

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	of Self-Test Range			
P1289	Cylinder Head Temperature (CHT) Sensor Circuit High Input (PCM STRATEGIES UP TO AND INCLUDING 1998)	DL5	DL5	DL90
P1290	Cylinder Head Temperature (CHT) Sensor Circuit Low Input (PCM STRATEGIES UP TO AND INCLUDING 1998)	DL5	DL5	DL90
P1299	Cylinder Head Over Temperature Protection Active	--	--	DL100
P1309 CMP (Hall Effect)	Misfire Monitor Disabled	--	--	HD40
P1309 CMP (VR)	Misfire Monitor Disabled	--	--	HD41
P1380	Variable Cam Timing Solenoid A Circuit Malfunction	HK1	HK1	HK15
P1381	Variable Cam Timing Over-advanced (Bank 1)	HK11	HK11	HK16
P1383	Variable Cam Timing Over-retarded (Bank 1)	HK11	HK11	HK17
P1400	DPF EGR Sensor Circuit Low Voltage Detected	HE1	HE1	HE1
P1401	DPF EGR Sensor Circuit High Voltage Detected	HE10	HE10	HE10
P1405	DPF EGR Sensor Upstream Hose Off or Plugged	--	--	HE50
P1406	DPF EGR Sensor Downstream Hose Off or Plugged	--	--	HE60
P1408	EGR Flow Out of Self-Test Range	--	HE71	--
P1409	EGR Vacuum Regulator Solenoid Circuit Malfunction	HE110	HE110	HE120
P1413	Secondary Air Injection system monitor circuit low	HM17	HM17	HM17
P1414	Secondary Air Injection system monitor circuit high	HM25	HM25	HM25
P1443 (Flex Fuel)	Secondary Air Injection system monitor circuit high	--	--	HX91
P1443 <sup>(3)</sup>	Check For Evaporative	--	--	HX45

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	Emission System Leaks			
P1450	Unable to Bleed Up Fuel Tank Vacuum	--	--	HX18
P1451	EVAP Control System Canister Vent Solenoid Circuit Malfunction	HX65	HX65	HX65
P1460 (CCRM)	Wide Open Throttle A/C Cutout Primary Circuit Malfunction	X105	X105	X120
P1460 (All Others)	Wide Open Throttle A/C Cutout Primary Circuit Malfunction	KM1	KM1	KM30
P1461	Air Conditioning Pressure Sensor (ACP) Sensor High Voltage Detected	DS1	DS1	DS1
P1462	Air Conditioning Pressure Sensor (ACP) Sensor Low Voltage Detected	DS10	DS10	DS10
P1463	Air Conditioning Pressure Sensor (ACP) Insufficient Pressure Change	--	--	DS20
P1464 (CCRM)	A/C Demand Out Of Self-Test Range	X124	X124	--
P1464 (All Others)	A/C Demand Out Of Self-Test Range	KM19	KM19	--
P1469	A/C Demand Out Of Self-Test Range	--	--	X115
P1474 (LS6/LS8)	Low Fan Control Primary Circuit Failure	KH1	KH1	KH1
P1474 (CCRM)	Low Fan Control Primary Circuit Failure	X20	X20	X30
P1474 (All Others)	Low Fan Control Primary Circuit Failure	KF1	KF1	KF10
P1479 (CCRM)	High Fan Control Primary Circuit Failure	X15	X15	X35
P1479 (All Others)	High Fan Control Primary Circuit Failure	KF1	KF1	KF20
P1500	Vehicle Speed Sensor (VSS) Intermittent	--	--	DP25
P1501	Vehicle Speed Sensor (VSS) Out of Self Test Range	--	DP15	--
P1502 <sup>(4)</sup>	Vehicle Speed Sensor (VSS)/Transfer Case Speed	--	--	DP5

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	Sensor (TCSS)			
P1502 <sup>(5)</sup>	--	--	--	(14)
P1502 <sup>(6)</sup>	Vehicle Speed Circuit (VSC) Check	--	--	DF1
P1502 <sup>(7)</sup>	Vehicle Speed Circuit (VSC) Check	--	--	DP30
P1502 (All Others)	Vehicle Speed Sensor (VSS)/Transfer Case Speed Sensor (TCSS)	--	--	DP1
P1504	Idle Air Control (IAC) Circuit Malfunction	KE2	KE2	KE2
P1506	Idle Air Control (IAC) Overspeed Error	--	KE20	KE20
P1507	Idle Air Control (IAC) Underspeed Error	--	KE2	KE2
P1512	Idle Air Control (IAC) Underspeed Error	--	--	HU15
P1513	Idle Air Control (IAC) Underspeed Error	--	--	HU15
P1516	Intake Manifold Runner Control Input Error (Bank 1)	HU15	--	HU15
P1517	Intake Manifold Runner Control Input Error (Bank 2)	HU15	--	HU15
P1518	Intake Manifold Runner Control Malfunction (Stuck Open)	HU15	HU15	HU15
P1519	Inlet Manifold Runner Control Malfunction (Stuck Closed)	HU15	HU15	HU15
P1520	Inlet Manifold Runner Control Malfunction (Stuck Closed)	HU15	HU15	HU15
P1537	Inlet Manifold Runner Control Malfunction (Stuck Closed)	HU15	HU15	HU15
P1538	Inlet Manifold Runner Control Malfunction (Stuck Closed)	HU15	HU15	HU15
P1549	Intake Manifold Communication Control Circuit Malfunction	HU65	--	HU65
P1550	Power Steering Pressure	--	DT1	DT1

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	(PSP) Sensor Malfunction			
P1605	Keep Alive Memory Test Failure	QB1	--	--
P1633	Keep Alive Memory Test Failure	QB1	QB1	QB1
P1635	Keep Alive Memory Test Failure	--	--	(8)
P1636 (A/T)	Keep Alive Memory Test Failure	Replace PCM <sup>(8)</sup>	Replace PCM <sup>(8)</sup>	Replace PCM <sup>(8)</sup>
P1640	Powertrain DTC	--	--	(19)
P1641	Not Available	KB47	KB47	KB47
P1650	Power Steering Pressure (PSP) Switch Malfunction	FF1	FF1	--
P1651	Power Steering Pressure (PSP) Switch Signal Malfunction	--	FF1	FF1
P1700	--	--	--	(11)
P1701	--	--	--	(11)
P1702	--	(11)	(11)	(11)
P1703	Brake Switch Out of Self-Test Range	FD2	FD1	--
P1704	--	(11)	--	(11)
P1705 (M/T)	Transmission Range Sensor Out of Self-Test Range	TA5	TA5	--
P1705 (A/T)	--	(11)	(11)	--
P1709 (M/T Contour/Mystique)	Park/Neutral Position Switch Out of Self-Test Range	TA1	--	TA1
P1709 (M/T All Others)	Park/Neutral Position Switch Out of Self-Test Range	TA5	--	TA5
P1709 (A/T)	--	(11)	--	(11)
P1710	--	--	--	(11)
P1711	--	(11)	(11)	--
P1713	--	--	--	(11)
P1714	--	--	--	(11)
P1715	--	--	--	(11)
P1716	--	--	--	(11)
P1717	--	--	--	(11)
P1718	--	--	--	(11)

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P1719	--	--	--	(11)
P1728	--	--	--	(11)
P1729	4x4 L Switch	--	--	TG1
P1740	--	--	--	(11)
P1741	--	--	--	(11)
P1742	--	--	--	(11)
P1743	--	--	--	(11)
P1744	--	--	--	(11)
P1745	--	(11)	--	(11)
P1746	--	(11)	--	(11)
P1747	--	(11)	--	(11)
P1749	--	--	--	(11)
P1751	--	--	--	(11)
P1754	--	(11)	--	(11)
P1756	--	--	--	(11)
P1760	--	(11)	(11)	(11)
P1761	--	--	--	(11)
P1762	--	--	--	(11)
P1767	--	(11)	--	(11)
P1780	Transmission Control Switch Out of Self-Test Range	--	TB1	--
P1781	--	TG1	--	--
P1783	--	--	--	(11)
P1784	--	--	--	(11)
P1785	--	--	--	(11)
P1786	--	--	--	(11)
P1787	--	--	--	(11)
P1788	--	(11)	--	(11)
P1789	--	(11)	--	(11)
P1900	Output Shaft Speed sensor circuit intermittent failure	--	--	(11)