

Computers and Control Systems: Diagnostic Trouble Code Tests and Associated Procedures

Diagnostic Trouble Code (DTC) Charts

NOTE:

Notes 1 through 17 are in the second to last image

"x" = any number 0 thru 9

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
Bxxx	All	See Note 12	See Note 12	See Note 12
Cxxx	All	See Note 4	See Note 4	See Note 4
P0010	All	GO to HK2	GO to HK2	GO to HK1
P0011	All	—	GO to HK11	GO to HK11
P0012	All	—	GO to HK11	GO to HK11
P0020	All	GO to HK2	GO to HK2	GO to HK1
P0021	All	—	GO to HK11	GO to HK11
P0022	All	—	GO to HK11	GO to HK11
P0040	NGV	—	GO to HA100	—
	All Others	—	GO to H110	—
P0041	NGV	—	GO to HA100	—
	All Others	—	GO to H110	—
P0053	NGV	GO to HA30	GO to HA30	GO to HA30
	All Others	GO to H30	GO to H30	GO to H30
P0054	NGV	GO to HA30	GO to HA30	GO to HA30
	All Others	GO to H30	GO to H30	GO to H30
P0059	NGV	GO to HA30	GO to HA30	GO to HA30
	All Others	GO to H30	GO to H30	GO to H30
P0060	NGV	GO to HA30	GO to HA30	GO to HA30
	All Others	GO to H30	GO to H30	GO to H30
P0068	LS6/LS8, Thunderbird	GO to DV14	GO to DV14	GO to DV14
	All Others	—	GO to DH15	GO to DH15
P0102	All	—	GO to DC2	GO to DC2
P0103	All	GO to DC20	GO to DC20	GO to DC20
P0106	Vehicles with ESM EGR	GO to DM15	GO to DM15	GO to DM15
	Vehicles with MAP or TMAP sensor	GO to DM22	GO to DM22	GO to DM22
	Vehicles with BARO sensor	GO to DQ1	GO to DQ1	GO to DQ1
P0107	Vehicles with ESM EGR	GO to DM2	GO to DM2	GO to DM14
	Vehicles with MAP or TMAP sensor	GO to DM17	GO to DM17	GO to DM21
	Vehicles with BARO sensor	GO to DQ1	GO to DQ1	GO to DQ1
P0108	Vehicles with ESM EGR	GO to DM2	GO to DM2	GO to DM14
	Vehicles with MAP or TMAP sensor	GO to DM17	GO to DM17	GO to DM21
	Vehicles with BARO sensor	GO to DQ1	GO to DQ1	GO to DQ1
P0109	Vehicles with ESM EGR	GO to DM14	—	—
	Vehicles with MAP or TMAP sensor	GO to DM21	—	—
	Vehicles with BARO sensor	GO to DQ1	—	—
P0112	All	GO to DA20	GO to DA20	GO to DA90
P0113	All	GO to DA10	GO to DA10	GO to DA90

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P0116	Vehicles with CHT sensor only	—	—	<u>GO to DL80</u>
	Vehicles with ECT sensor only	—	—	<u>GO to DA80</u>
	Vehicles with both ECT and CHT sensor	—	—	<u>GO to DA80</u>
P0117	Vehicles with CHT sensor only	<u>GO to DL20</u>	<u>GO to DL20</u>	<u>GO to DL90</u>
	Vehicles with ECT sensor only	<u>GO to DA20</u>	<u>GO to DA20</u>	<u>GO to DA90</u>
	Vehicles with both ECT and CHT sensor	<u>GO to DA20</u>	<u>GO to DA20</u>	<u>GO to DA90</u>
P0118	Vehicles with CHT sensor only	<u>GO to DL10</u>	<u>GO to DL10</u>	<u>GO to DL90</u>
	Vehicles with ECT sensor only	<u>GO to DA10</u>	<u>GO to DA10</u>	<u>GO to DA90</u>
	Vehicles with both ECT and CHT sensor	<u>GO to DA10</u>	<u>GO to DA10</u>	<u>GO to DA90</u>
P0121	LS6/LS8, Thunderbird	<u>GO to DV1</u>	<u>GO to DV1</u>	<u>GO to DV1</u>
	All Others	—	<u>GO to DH22</u>	<u>GO to DH22</u>
P0122	LS6/LS8, Thunderbird	<u>GO to DV2</u>	<u>GO to DV2</u>	<u>GO to DV2</u>
	All Others	<u>GO to DH11</u>	<u>GO to DH11</u>	<u>GO to DH11</u>
P0123	LS6/LS8, Thunderbird	<u>GO to DV7</u>	<u>GO to DV7</u>	<u>GO to DV7</u>
	All Others	<u>GO to DH8</u>	<u>GO to DH8</u>	<u>GO to DH8</u>
P0125	Vehicles with CHT sensor only	—	—	<u>GO to DL110</u>
	Vehicles with ECT sensor only	—	—	<u>GO to DA100</u>
	Vehicles with both ECT and CHT sensor	—	—	<u>GO to DA100</u>
P0127	4.6L SC, 5.4L SC	<u>GO to DU30</u>	<u>GO to DU30</u>	<u>GO to DU30</u>
P0128	Vehicles with CHT sensor only	—	—	<u>GO to DL110</u>
	Vehicles with ECT sensor only	—	—	<u>GO to DA100</u>
	Vehicles with both ECT and CHT sensor	—	—	<u>GO to DA100</u>
P0131	All	—	—	<u>GO to H27</u>
P0132	All	<u>GO to H115</u>	<u>GO to H115</u>	<u>GO to H115</u>
P0133	All	—	—	<u>GO to H20</u>
P0135	NGV	<u>GO to HA30</u>	<u>GO to HA30</u>	<u>GO to HA30</u>
	All Others	<u>GO to H30</u>	<u>GO to H30</u>	<u>GO to H30</u>
P0136	All	—	—	<u>GO to H80</u>
P0138	All	<u>GO to H115</u>	<u>GO to H115</u>	<u>GO to H115</u>
P0141	NGV	<u>GO to HA30</u>	<u>GO to HA30</u>	<u>GO to HA30</u>
	All Others	<u>GO to H30</u>	<u>GO to H30</u>	<u>GO to H30</u>
P0148	All	—	—	<u>GO to HC1</u>
P0151	All	—	—	<u>GO to H27</u>
P0152	All	<u>GO to H115</u>	<u>GO to H115</u>	<u>GO to H115</u>

P0116 - P0152

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P0153	All	—	—	GO to H20
P0155	NGV	GO to HA30	GO to HA30	GO to HA30
	All Others	GO to H30	GO to H30	GO to H30
P0156	All	—	—	GO to H80
P0158	All	GO to H115	GO to H115	GO to H115
P0161	NGV	GO to HA30	GO to HA30	GO to HA30
	All Others	GO to H30	GO to H30	GO to H30
P0171	NGV	—	—	GO to HA41
	All Others	—	—	GO to H40
P0172	NGV	—	—	GO to HA41
	All Others	—	—	GO to H46
P0174	NGV	—	—	GO to HA41
	All Others	—	—	GO to H40
P0175	NGV	—	—	GO to HA41
	All Others	—	—	GO to H46
P0180	All	GO to DB2	GO to DB2	GO to DB8
P0181	All	GO to DB1	GO to DB1	—
P0182	NGV	GO to DB2	GO to DB2	GO to DB8
P0183	All	GO to DB2	GO to DB2	GO to DB7
P0190	All	GO to DD11	GO to DD11	GO to DD16
P0191	All	GO to DD17	GO to DD17	GO to DD17
P0192	All	GO to DD1	GO to DD1	GO to DD16
P0193	All	GO to DD7	GO to DD7	GO to DD16
P0196	All	GO to DA110	GO to DA110	GO to DA110
P0197	All	GO to DA111	GO to DA111	GO to DA111
P0198	All	GO to DA111	GO to DA111	GO to DA111
P0201	All	GO to H61	GO to H61	GO to H61
P0202	All	GO to H61	GO to H61	GO to H61
P0203	All	GO to H61	GO to H61	GO to H61
P0204	All	GO to H61	GO to H61	GO to H61
P0205	All	GO to H61	GO to H61	GO to H61
P0206	All	GO to H61	GO to H61	GO to H61
P0207	All	GO to H61	GO to H61	GO to H61
P0208	All	GO to H61	GO to H61	GO to H61
P0209	All	GO to H61	GO to H61	GO to H61
P0210	All	GO to H61	GO to H61	GO to H61
P0211	All	GO to H61	GO to H61	GO to H61
P0212	All	GO to H61	GO to H61	GO to H61
P0217	4.6L SC	GO to DA105	GO to DA105	GO to DA105
	5.4L SC	GO to DL100	GO to DL100	GO to DL100
P0218	All	See Note 3	See Note 3	See Note 3
	All	—	—	GO to ND1
P0221	LS6, LS8, Thunderbird	GO to DV1	GO to DV1	GO to DV1
P0222	LS6, LS8, Thunderbird	GO to DV5	GO to DV5	GO to DV5
P0223	LS6, LS8, Thunderbird	GO to DV4	GO to DV4	GO to DV4
P0230	F250 - 550, Expedition, Excursion, Navigator	GO to KA75	GO to KA75	GO to KA110
	NGV	GO to KC1	GO to KC1	GO to KC40
	All Others	GO to KA1	GO to KA1	GO to KA40

P0153 - P0230

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P0231	F250 - 550, Expedition, Excursion, Navigator NGV	GO to KA105	GO to KA105	GO to KA115
		GO to KC20	GO to KC20	GO to KC35
		All Others	GO to KA20	GO to KA35
P0232	F250 - 550, Expedition, Excursion, Navigator NGV	GO to KA85	GO to KA85	GO to KA120
		GO to KC10	GO to KC10	GO to KC30
		All Others	GO to KA10	GO to KA30
P0234	4.6L SC, 5.4L SC	GO to KJ1	GO to KJ1	GO to KJ1
P0243	4.6L SC, 5.4L SC	GO to KJ6	GO to KJ6	GO to KJ6
P0297	All	—	—	GO to ND1
P0298	All	—	—	GO to DA130
P0300	All	—	GO to HD1	GO to HD1
P0301	All	—	GO to HD1	GO to HD1
P0302	All	—	GO to HD1	GO to HD1
P0303	All	—	GO to HD1	GO to HD1
P0304	All	—	GO to HD1	GO to HD1
P0305	All	—	GO to HD1	GO to HD1
P0306	All	—	GO to HD1	GO to HD1
P0307	All	—	GO to HD1	GO to HD1
P0308	All	—	GO to HD1	GO to HD1
P0309	All	—	GO to HD1	GO to HD1
P0310	All	—	GO to HD1	GO to HD1
P0315	All	—	—	GO to HD42
P0316	All	—	—	GO to HD1
P0320	All	GO to NC1	—	GO to NC1
P0325	All	—	GO to DG1	GO to DG1
P0326	All	—	GO to DG1	GO to DG1
P0330	All	—	GO to DG1	GO to DG1
P0331	All	—	GO to DG1	GO to DG1
P0340	All	—	GO to DR1	GO to DR1
P0345	All	—	GO to DR1	GO to DR1
P0350	All	—	GO to JB1	GO to JB1
P0351	w/Coil Pack	—	GO to JE1	GO to JE1
	w/Coil-On-Plug	—	GO to JF1	GO to JF1
P0352	w/Coil Pack	—	GO to JE1	GO to JE1
	w/Coil-On-Plug	—	GO to JF1	GO to JF1
P0353	w/Coil Pack	—	GO to JE1	GO to JE1
	w/Coil-On-Plug	—	GO to JF1	GO to JF1
P0354	w/Coil Pack	—	GO to JE1	GO to JE1
	w/Coil-On-Plug	—	GO to JF1	GO to JF1
P0355	All	—	GO to JF1	GO to JF1
P0356	All	—	GO to JF1	GO to JF1
P0357	All	—	GO to JF1	GO to JF1
P0358	All	—	GO to JF1	GO to JF1
P0359	All	—	GO to JF1	GO to JF1
P0360	All	—	GO to JF1	GO to JF1
P0400	All	GO to KD9	GO to KD9	GO to KD9

P0231 - P0400

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P0401	Vehicles with ESM (EGR System Module)	—	—	<u>GO to HH16</u>
	All Others	—	—	<u>GO to HE70</u>
P0402	Vehicles with ESM (EGR System Module)	—	<u>GO to HH11</u>	<u>GO to HH11</u>
	All Others	—	<u>GO to HE22</u>	<u>GO to HE22</u>
P0403	Vehicles with EEGR (Electric EGR)	<u>GO to KD1</u>	<u>GO to KD1</u>	<u>GO to KD1</u>
	Vehicles with ESM (EGR System Module)	<u>GO to HH23</u>	<u>GO to HH23</u>	<u>GO to HH23</u>
	All Others	<u>GO to HE110</u>	<u>GO to HE110</u>	<u>GO to HE120</u>
P0405	Vehicles with ESM (EGR System Module)	<u>GO to HH1</u>	<u>GO to HH1</u>	<u>GO to HH1</u>
	All Others	<u>GO to HE1</u>	<u>GO to HE1</u>	<u>GO to HE1</u>
P0406	Vehicles with ESM (EGR System Module)	<u>GO to HH4</u>	<u>GO to HH4</u>	<u>GO to HH4</u>
	All Others	<u>GO to HE10</u>	<u>GO to HE10</u>	<u>GO to HE10</u>
P0411	All	<u>GO to HM7</u>	<u>GO to HM7</u>	<u>GO to HM7</u>
P0412	All	<u>GO to HM1</u>	<u>GO to HM1</u>	<u>GO to HM1</u>
P0420	All	—	—	<u>GO to HF1</u>
P0430	All	—	—	<u>GO to HF1</u>
P0442	All	—	—	See Note 11
P0443	All	<u>GO to HX2</u>	<u>GO to HX2</u>	<u>GO to HX1</u>
P0446	All	<u>GO to HX65</u>	<u>GO to HX65</u>	<u>GO to HX65</u>
P0451	All	—	—	<u>GO to Z1</u>
P0452	All	<u>GO to HX26</u>	<u>GO to HX26</u>	<u>GO to HX26</u>
P0453	All	<u>GO to HX33</u>	<u>GO to HX33</u>	<u>GO to HX33</u>
P0455	All	—	—	See Note 11
P0456	All	—	—	See Note 11
P0457	All	—	—	<u>GO to HX43</u>
P0460	All	<u>GO to HX76</u>	<u>GO to HX76</u>	<u>GO to HX76</u>
P0461	All	—	—	<u>GO to Z1</u>
P0462	All	<u>GO to HX76</u>	<u>GO to HX76</u>	<u>GO to HX76</u>
P0463	All	<u>GO to HX76</u>	<u>GO to HX76</u>	<u>GO to HX76</u>
P0480	Escort, Mustang	<u>GO to X20</u>	<u>GO to X20</u>	<u>GO to X30</u>
	Crown Victoria/Grand Marquis, Town Car	<u>GO to KN1</u>	<u>GO to KN1</u>	<u>GO to KN10</u>
	LS6/LS8, Thunderbird	<u>GO to KN20</u>	<u>GO to KN20</u>	<u>GO to KN30</u>
	F-Series, Expedition/Navigator	<u>GO to KG1</u>	<u>GO to KG1</u>	<u>GO to KG1</u>
	All Others	<u>GO to KF1</u>	<u>GO to KF1</u>	<u>GO to KF10</u>
P0481	Escort, Mustang	<u>GO to X15</u>	<u>GO to X15</u>	<u>GO to X35</u>
	2.0L Focus, Taurus/Sable, 3.0L Escape	<u>GO to KF6</u>	<u>GO to KF6</u>	<u>GO to KF23</u>
	All Others	<u>GO to KF1</u>	<u>GO to KF1</u>	<u>GO to KF20</u>
P0482	All	<u>GO to KF1</u>	<u>GO to KF1</u>	<u>GO to KF15</u>

P0401 - P0482

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P0500	LS6/LS8, Thunderbird, Town Car, Windstar	See Note 8	See Note 8	See Note 8
	5.4L, 6.8L F-Series O/8500	—	—	GO to DF1
	5.4L, 6.8L Excursion	—	—	GO to DF1
	F-Series U/8500 4x4 MSOF	—	—	GO to DP30
	All Others	—	—	GO to DP1
P0501	LS6/LS8, Thunderbird, Town Car, Windstar	See Note 8	See Note 8	See Note 8
	5.4L, 6.8L F-Series O/8500	—	—	GO to DF1
	5.4L, 6.8L Excursion	—	—	GO to DF1
	All Others	—	—	GO to DP1
P0503	All	—	—	GO to DP20
P0505	Electronic Throttle Control (ETC) Vehicles	—	See note 16	—
	All Others	—	GO to KE2	—
P0506	Electronic Throttle Control (ETC) Vehicles	—	See note 16	—
	All Others	GO to KE2	GO to KE2	—
P0507	Electronic Throttle Control (ETC) Vehicles	—	See note 16	—
	All Others	GO to KE2	GO to KE2	—
P0511	All with Air By-Pass Valve (IAC)	GO to KE2	GO to KE2	—
P0528	All	GO to KG10	GO to KG10	GO to KG10
P0534	All	—	—	GO to X115
P0537	All	GO to DJ5	GO to DJ5	GO to DJ10
P0538	All	GO to DJ1	GO to DJ1	GO to DJ10
P0552	All	GO to DT2	GO to DT2	GO to DT10
P0553	All	GO to DT2	GO to DT2	GO to DT10
P0597	2.3L Ranger	GO to KQ10	GO to KQ10	GO to KQ10
P0602	All	See Note 7	See Note 7	See Note 7
P0603	All	GO to QB1	—	—
P0605	All	See Note 10	See Note 10	See Note 10
P0606	All	See Note 10	See Note 10	See Note 10
P0620	All	GO to HY1	GO to HY1	GO to HY1
P0622	All	—	GO to HY1	GO to HY1
P0645	Escort, Mustang	GO to X105	GO to X105	GO to X120
	All Others	GO to KM1	GO to KM1	GO to KM30
P0660	All	GO to HU65	GO to HU65	GO to HU65
P0703	All	GO to FD2	GO to FD1	GO to FD3
P0704	All	GO to TA1	—	GO to TA1
P0705	All	See Note 3	See Note 3	See Note 3
P0707	All	See Note 3	See Note 3	See Note 3
P0708	All	See Note 3	See Note 3	See Note 3
P071x	All	See Note 3	See Note 3	See Note 3

P0500 - P071x

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P072x	All w/Auto. Trans.	—	—	See Note 3
	All w/Man. Trans.	—	—	GO to TJ1
P073x	All	—	—	See Note 3
P074x	All	See Note 3	See Note 3	See Note 3
P075x	All	See Note 3	See Note 3	See Note 3
P076x	All	See Note 3	See Note 3	See Note 3
P077x	All	See Note 3	See Note 3	See Note 3
P078x	All	—	—	See Note 3
P079x	All	See Note 3	See Note 3	See Note 3
P0812	All	—	—	GO to TH1
P0813	All	—	—	See Note 3
P0815	All	—	—	See Note 3
P0840	All	See Note 3	See Note 3	See Note 3
P09XX	All	See Note 3	See Note 3	See Note 3
P1000	All	See Note 1	See Note 1	GO to QC1
P1001	All	—	GO to QA1	—
P1100	All	—	—	GO to DC16
P1101	All	GO to DC3	GO to DC1	—
P1112	All	—	—	GO to DA90
P1114	4.6L SC, 5.4L SC	GO to DU20	GO to DU20	GO to DU20
P1115	4.6L SC, 5.4L SC	GO to DU10	GO to DU10	GO to DU10
P1116	Vehicles with CHT sensor only	GO to DL1	GO to DL1	—
	Vehicles with ECT sensor only	GO to DA1	GO to DA1	—
	Vehicles with both ECT and CHT sensor	GO to DA1	GO to DA1	—
P1117	Vehicles with CHT sensor only	—	—	GO to DL90
	Vehicles with ECT sensor only	—	—	GO to DA90
	Vehicles with both ECT and CHT sensor	—	—	GO to DA90
P1120	All	GO to DH3	GO to DH3	GO to DH3
P1121	All	—	GO to DH15	GO to DH15
P1124	All	GO to DH1	GO to DH1	—
P1125	All	—	—	GO to DH20
P1127	NGV	—	GO to HA90	—
	All Others	—	GO to H100	—
P1128	NGV	—	GO to HA100	—
	All Others	—	GO to H110	—
P1129	NGV	—	GO to HA100	—
	All Others	—	GO to H110	—
P1130	NGV	—	—	GO to HA40
	All Others	—	—	GO to H40
P1131	NGV	—	GO to HA40	GO to HA40
	All Others	—	GO to H40	GO to H40
P1132	NGV	—	GO to HA40	GO to HA40
	All Others	—	GO to H45	GO to H45

P072x - P1132

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P1137	All	—	<u>GO to H80</u>	—
P1138	All	—	<u>GO to H80</u>	—
P1150	NGV	—	—	GO to HA40
	All Others	—	—	GO to H40
P1151	NGV	—	GO to HA40	GO to HA40
	All Others	<u>GO to H40</u>	<u>GO to H40</u>	<u>GO to H40</u>
P1152	NGV	—	GO to HA40	GO to HA40
	All Others	—	GO to H45	GO to H45
P1157	All	—	GO to H80	—
P1158	All	—	GO to H80	—
P1168	NGV	—	—	GO to DD17
P1169	NGV	—	—	GO to DD17
P1180	NGV	—	—	GO to HB17
P1181	NGV	—	—	GO to HB17
P1184	All	<u>GO to DA110</u>	<u>GO to DA110</u>	<u>GO to DA110</u>
P1229	4.6L SC, 5.4L SC	<u>GO to KP1</u>	<u>GO to KP1</u>	<u>GO to KP1</u>
P1232	All	<u>GO to KA45</u>	<u>GO to KA45</u>	<u>GO to KA60</u>
P1233	LS6/LS8, Thunderbird	See Note 6	See Note 6	See Note 6
	All Others	<u>GO to KB1</u>	<u>GO to KB1</u>	<u>GO to KB1</u>
P1234	LS6/LS8, Thunderbird	See Note 6	See Note 6	See Note 6
	All Others	<u>GO to KB1</u>	<u>GO to KB1</u>	<u>GO to KB1</u>
P1235	All	<u>GO to KB30</u>	<u>GO to KB30</u>	<u>GO to KB30</u>
P1236	All	<u>GO to KB30</u>	<u>GO to KB30</u>	<u>GO to KB30</u>
P1237	All	<u>GO to KB47</u>	<u>GO to KB47</u>	<u>GO to KB47</u>
P1238	All	<u>GO to KB47</u>	<u>GO to KB47</u>	<u>GO to KB47</u>
P1244	All	—	<u>GO to HY1</u>	<u>GO to HY1</u>
P1245	All	—	<u>GO to HY1</u>	<u>GO to HY1</u>
P1246	All	—	<u>GO to HY1</u>	<u>GO to HY1</u>
P1260	All	—	—	GO to QD1
P1270	All	—	—	GO to ND1
P1285	All	<u>GO to DL30</u>	<u>GO to DL30</u>	<u>GO to DL30</u>
P1288	All	<u>GO to DL1</u>	<u>GO to DL1</u>	<u>GO to DL1</u>
P1289	All	<u>GO to DL5</u>	<u>GO to DL5</u>	<u>GO to DL90</u>
P1290	All	<u>GO to DL5</u>	<u>GO to DL5</u>	<u>GO to DL90</u>
P1299	All	—	<u>GO to DL100</u>	<u>GO to DL100</u>
P1309	All	—	—	<u>GO to HD41</u>
P1336	CMP (Hall Effect)	—	—	<u>GO to HD40</u>
	All Others	—	—	<u>GO to DR4</u>
P1380	All	<u>GO to HK2</u>	<u>GO to HK2</u>	<u>GO to HK1</u>
P1381	All	—	<u>GO to HK11</u>	<u>GO to HK11</u>
P1383	All	—	<u>GO to HK11</u>	<u>GO to HK11</u>
P1386	All	—	<u>GO to HK11</u>	<u>GO to HK11</u>
P1388	All	—	<u>GO to HK11</u>	<u>GO to HK11</u>
P1397	All	See Note 17	See Note 17	—
P1400	Vehicles with ESM (EGR System Module)	<u>GO to HH1</u>	<u>GO to HH1</u>	<u>GO to HH1</u>
	All Others	<u>GO to HE1</u>	<u>GO to HE1</u>	<u>GO to HE1</u>

P1137 - P1400

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P1401	Vehicles with ESM (EGR System Module)	<u>GO to HH4</u>	<u>GO to HH4</u>	<u>GO to HH4</u>
	All Others	<u>GO to HE10</u>	<u>GO to HE10</u>	<u>GO to HE10</u>
P1405	Vehicles with ESM (EGR System Module)	—	<u>GO to HH29</u>	<u>GO to HH29</u>
	All Others	—	—	<u>GO to HE50</u>
P1406	Vehicles with ESM (EGR System Module)	—	<u>GO to HH31</u>	<u>GO to HH31</u>
	All Others	—	—	<u>GO to HE60</u>
P1408	Vehicles with EEGR (Electric EGR)	—	<u>GO to KD9</u>	—
	Vehicles with ESM (EGR System Module)	—	<u>GO to HH17</u>	—
	All Others	—	<u>GO to HE71</u>	—
P1409	Vehicles with ESM (EGR System Module)	<u>GO to HH23</u>	<u>GO to HH23</u>	<u>GO to HH23</u>
	All Others	<u>GO to HE110</u>	<u>GO to HE110</u>	<u>GO to HE120</u>
P1432	2.3L Ranger	<u>GO to KQ10</u>	<u>GO to KQ10</u>	<u>GO to KQ10</u>
P1436	All	<u>GO to DJ5</u>	<u>GO to DJ5</u>	<u>GO to DJ10</u>
P1437	All	<u>GO to DJ1</u>	<u>GO to DJ1</u>	<u>GO to DJ10</u>
P1443	All	—	—	See Note 11
P1450	All	—	—	<u>GO to HX18</u>
P1451	All	<u>GO to HX65</u>	<u>GO to HX65</u>	<u>GO to HX65</u>
P1460	Escort, Mustang	<u>GO to X105</u>	<u>GO to X105</u>	<u>GO to X120</u>
	All Others	<u>GO to KM1</u>	<u>GO to KM1</u>	<u>GO to KM30</u>
P1461	All	<u>GO to DS1</u>	<u>GO to DS1</u>	<u>GO to DS1</u>
P1462	All	<u>GO to DS10</u>	<u>GO to DS10</u>	<u>GO to DS10</u>
P1463	All	—	—	<u>GO to DS20</u>
P1464	Escort, Mustang	<u>GO to X124</u>	<u>GO to X124</u>	—
	All Others	<u>GO to KM19</u>	<u>GO to KM19</u>	—
P1469	All	—	—	<u>GO to X115</u>
P1474	Escort, Mustang	<u>GO to X20</u>	<u>GO to X20</u>	<u>GO to X30</u>
	Crown Victoria/Grand Marquis, Town Car	<u>GO to KN1</u>	<u>GO to KN1</u>	<u>GO to KN10</u>
	LS6/LS8, Thunderbird	<u>GO to KN20</u>	<u>GO to KN20</u>	<u>GO to KN30</u>
	All Others	<u>GO to KF1</u>	<u>GO to KF1</u>	<u>GO to KF10</u>
P1477	All	<u>GO to KF1</u>	<u>GO to KF1</u>	<u>GO to KF15</u>
P1479	Escort, Mustang	<u>GO to X15</u>	<u>GO to X15</u>	<u>GO to X35</u>
	2.0L Focus, Taurus/Sable, 3.0L Escape	<u>GO to KF6</u>	<u>GO to KF6</u>	<u>GO to KF23</u>
	All Others	<u>GO to KF1</u>	<u>GO to KF1</u>	<u>GO to KF20</u>
P1500	All	—	—	<u>GO to DP20</u>
P1501	All	—	<u>GO to DP15</u>	—

P1401 - P1501

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P1502	LS6/LS8, Thunderbird, Town Car, Windstar	—	—	See Note 8
	5.4L, 6.8L F-Series O/8500	—	—	GO to DF1
	5.4L, 6.8L Excursion	—	—	GO to DF1
	F-Series U/8500 4x4 MSOF	—	—	GO to DP30
	All Others	—	—	GO to DP1
P1504	All	GO to KE2	GO to KE2	GO to KE2
P1506	All	—	—	GO to KE20
P1507	All	—	GO to KE2	GO to KE2
P1516	All	GO to HU15	—	GO to HU15
P1517	All	GO to HU15	—	GO to HU15
P1518	All	GO to HU15	GO to HU15	GO to HU15
P1519	All	GO to HU15	GO to HU15	GO to HU15
P1520	All	GO to HU15	GO to HU15	GO to HU15
P1537	All	GO to HU15	GO to HU15	GO to HU15
P1538	All	GO to HU15	GO to HU15	GO to HU15
P1549	All	GO to HU65	—	GO to HU65
P1550	All	GO to DT2	GO to DT1	—
P1565	All	See Note 5	See Note 5	See Note 5
P1566	All	See Note 5	See Note 5	See Note 5
P1567	All	See Note 5	See Note 5	See Note 5
P1568	All	See Note 5	See Note 5	See Note 5
P1572	All	—	GO to FD3	GO to FD3
P1582	LS6, LS8, Thunderbird	—	—	See Note 15
P1633	All	GO to QB1	GO to QB1	GO to QB1
P1635	All	—	—	See Note 11
P1636	All w/Auto. Trans.	See Note 14	See Note 14	See Note 14
P1639	All	See Note 7	See Note 7	See Note 7
P1640	BI-Fuel Vehicles	—	—	See Note 9
P1641	All	GO to KB47	GO to KB47	GO to KB47
P1650	All	GO to FF1	GO to FF1	—
P1651	All	—	—	GO to FF10
P1700	All	—	—	See Note 3
P1701	All	—	—	See Note 3
P1702	All	See Note 3	See Note 3	See Note 3
P1703	All	GO to FD2	GO to FD1	—
P1704	All	See Note 3	—	See Note 3
P1705	Escort	GO to TA1	GO to TA1	—
	All others	See Note 3	See Note 3	—
P1709	Blackwood	See Note 3	See Note 3	—
	All Others	GO to TA1	GO to TA1	—
P171x	All	See Note 3	See Note 3	See Note 3
P1728	All	—	—	See Note 3
P173x	All	See Note 3	See Note 3	See Note 3
P174x	All	See Note 3	See Note 3	See Note 3
P175x	All	See Note 3	See Note 3	See Note 3
P176x	All	See Note 3	See Note 3	See Note 3

P1502 - P176x

Diagnostic Trouble Code (DTC)	Application	Key On Engine Off	Key On Engine Running	Continuous Memory
P177x	All	See Note 3	See Note 3	See Note 3
P1780	All	—	GO to TB1	—
P1781	Expedition/Navigator	See Note 13	See Note 13	See Note 13
	All Others	GO to TG1	—	—
P1783	All	—	—	See Note 3
P1784	All	—	—	See Note 3
P1785	All	—	—	See Note 3
P1786	All	—	—	See Note 3
P1787	All	—	—	See Note 3
P1788	All	See Note 3	—	See Note 3
P1789	All	See Note 3	—	See Note 3
P179x	All	See Note 3	See Note 3	See Note 3
P18xx	All	See Note 13	See Note 13	See Note 13
P1789	All	See Note 3	—	See Note 3
P1900	All w/Auto. Trans.	—	—	See Note 3
	All w/Man. Trans.	—	—	GO to TJ1
P1901	All	—	See Note 3	See Note 3
P2004	All	GO to HU15	GO to HU15	GO to HU15
P2005	All	GO to HU15	GO to HU15	GO to HU15
P2006	All	GO to HU15	GO to HU15	GO to HU15
P2008	All	GO to HU15	GO to HU15	GO to HU15
P2014	All	GO to HU15	—	GO to HU15
P2019	All	GO to HU15	—	GO to HU15
P2070	All	GO to HU65	GO to HU65	GO to HU65
P2071	All	GO to HU65	GO to HU65	GO to HU65
P2075	All	GO to HU65	GO to HU65	GO to HU65
P2100	LS6, LS8, Thunderbird	GO to DV20	GO to DV20	GO to DV20
P2101	LS6, LS8, Thunderbird	GO to DV25	GO to DV25	GO to DV25
P2104	LS6, LS8, Thunderbird	GO to DV1	GO to DV1	GO to DV1
P2105	LS6, LS8, Thunderbird	GO to DV1	GO to DV1	GO to DV1
P2106	LS6, LS8, Thunderbird	GO to DV1	GO to DV1	GO to DV1
P2107	LS6, LS8, Thunderbird	GO to DV23	GO to DV23	GO to DV23
P2110	LS6, LS8, Thunderbird	GO to DV1	GO to DV1	GO to DV1
P2111	LS6, LS8, Thunderbird	GO to DV1	GO to DV1	GO to DV1
P2112	LS6, LS8, Thunderbird	GO to DV1	GO to DV1	GO to DV1
P2121	LS6, LS8, Thunderbird	GO to DK2	GO to DK2	GO to DK2
P2122	LS6, LS8, Thunderbird	GO to DK2	GO to DK2	GO to DK2
P2123	LS6, LS8, Thunderbird	GO to DK2	GO to DK2	GO to DK2
P2126	LS6, LS8, Thunderbird	GO to DK2	GO to DK2	GO to DK2
P2127	LS6, LS8, Thunderbird	GO to DK2	GO to DK2	GO to DK2
P2128	LS6, LS8, Thunderbird	GO to DK2	GO to DK2	GO to DK2
P2131	LS6, LS8, Thunderbird	GO to DK2	GO to DK2	GO to DK2
P2132	LS6, LS8, Thunderbird	GO to DK2	GO to DK2	GO to DK2
P2133	LS6, LS8, Thunderbird	GO to DK2	GO to DK2	GO to DK2
P2135	LS6, LS8, Thunderbird	GO to DV2	GO to DV2	GO to DV2
P2195	NGV	—	GO to HA40	GO to HA40
	All Others	—	GO to H40	GO to H40
P2196	NGV	—	GO to HA40	GO to HA40
	All Others	—	GO to H45	GO to H45

P177x - P2196

P2197	NGV	—	GO to HA40	GO to HA40
	All Others	GO to H40	GO to H40	GO to H40
P2198	NGV	—	GO to HA40	GO to HA40
	All Others	—	GO to H45	GO to H45
P2257	All	GO to HM19	GO to HM19	GO to HM19
P2258	All	GO to HM27	GO to HM27	GO to HM27
P2270	All	—	—	GO to H80
P2271	All	—	—	GO to H80
P2272	All	—	—	GO to H80
P2273	All	—	—	GO to H80
Pxxxx	All	See Note 2	See Note 2	See Note 2
Uxxxx	All	—	—	See Network DTC Chart

P2197 - Uxxx

Note: "x" = any number 0 thru 9

Note 1: DTC P1000 is ignored in KOEO AND KOER Self-Test. Disregard DTC P1000 and continue as directed.

Note 2: For "P" DTCs not listed in this chart, refer to the customer's symptom to determine the applicable system for diagnosis.

Note 3: Go to Transmission Control Systems.

Note 4: Go to the applicable vehicle system to diagnose the chassis DTC.

Note 5: Go to Cruise Control.

Note 6: Go to General Module for REM (Rear Electronics Module) self-test diagnostics.

Note 7: The Vehicle ID (VID) Block must be reprogrammed. For instructions refer to Flash Electrically Erasable Programmable Read Only Memory for Flash VID Block Procedure.

Note 8: Vehicle speed information is provided by the anti-lock brake system. Go to Antilock Brakes / Traction Control Systems to perform complete diagnosis.

Note 9: See BI-Fuel Models for instructions on how to retrieve DTCs from secondary module. See P1640 Diagnostic Trouble Code (DTC) Descriptions for additional information.

Note 10: Be sure to check for aftermarket performance products before replacing PCM. For Electronic Throttle Control vehicles, P0606 may be set with other DTCS indicating a specific failure in that system, and repairing those DTCS will fix the P0606. For diagnosing P0606 alone, an internal fault in the PCM is indicated, and the PCM should be replaced. For replacement, refer to Flash Electrically Erasable Programmable Read Only Memory (EEPROM).

Note 11: Go to the Evaporative Emissions System.

Note 12: Go to the applicable Vehicle System to diagnose the Body DTC. For LS6/LS8 and Thunderbird with B2172, begin diagnosis in Symptom Charts.

Note 13: Go to the Transfer Case System.

Note 14: DTC P1636 indicates the PCM has lost communication with the Inductive Signature Chip. Replace PCM. If replacement is necessary refer to Flash Electrically Erasable Programmable Read Only Memory (EEPROM).

Note 15: P1582 indicates the PCM has data concerning the passive restraint system, do not replace PCM.

Note 16: Refer to the Diagnostic Trouble Code (DTC) Descriptions chart for Descriptions, Possible Causes and Diagnostic Aids for the DTC in question.

Note 17: Refer to the Charging System and diagnose the charging system concern.

Note 1 Through Note 17

Network DTC Chart

DTC	Description	Action
U0300	If DTC U0300 is set in combination with P2105, incompatible software between the Power PC and Equizzer chip is indicated.	Check and confirm that correct versions of software are present, and reflash Power PC and Equizzer to proper level if required.*
U1020	SCP Invalid or Missing Data for Air Conditioning Clutch	Go to Heating and Air Conditioning.*
U1039	SCP Invalid or Missing Data for Vehicle Speed	Go to Antilock Brakes / Traction Control Systems.*
U1041	SCP Invalid or Missing Data for Vehicle Speed	Go to Antilock Brakes / Traction Control Systems.*
U1051	SCP Invalid or Missing Data for Brakes	Go to Lighting and Horns.*
U1089	SCP Invalid or Missing Data for Suspension	Go to Suspension Control (Automatic - Electronic Level)*
U1098	SCP Invalid or Missing Data for Vehicle Speed Control	Go to Cruise Control.*
U1130	SCP Invalid or Missing Data for Fuel System	Go to Instrument Panel, Gauges and Warning Indicators.*
U1131	SCP Invalid or Missing Data for Fuel System	Go to Instrument Panel, Gauges and Warning Indicators.*
U1137	SCP Invalid or Missing Data for Telltales	Go to Instrument Panel, Gauges and Warning Indicators.*
U1147	SCP Invalid or Missing Data for Vehicle Security	Go to Antitheft and Alarm Systems.*
U1243	SCP Invalid or Missing Data for Exterior Environment	Go to Heating and Air Conditioning.*
U1262	SCP Communication Bus Fault - Perform Network Communications Test	Go to Module Communications Network (Information Bus)
U1451	SCP Invalid or Missing Data for Anti-Theft module	Go to Antitheft and Alarm Systems.*
U2195	SCP Invalid or Missing Data for SCLM status	Go to Steering Column*
Uxxxx	"U" DTCs received during Self-test of another module.	GO to Displaying & Reading Trouble Codes (Quick Test/Subroutines) - QT1 PCM Quick Test

* PERFORM On-Board Diagnostics for the associated SCP module. For additional information concerning description and operation of the vehicle communication network, refer to Information Bus.

Note: Network DTC(s) occur during module to module communication failures. Network faults can be categorized into two types:

1) Invalid data network faults - Data transferred within normal inter-module message but contains known invalid data. Transmitting module shall log a DTC related to the invalid data fault.

2) Missing message network faults - Missing message fault logged by a module upon failure to receive a message from another module within a defined retry period.

Network DTC Chart