



POWERTRAIN CONTROL SYSTEM
ELECTRONICS DIAGNOSTIC GUIDE
2002 F650-F750

Fault Code	Circuit Index	Condition Description	Probable Causes
0107	BARO	Barometric press sensor circuit low input	Internal BARO failed (PCM)
0108	BARO	Barometric press sensor circuit high input	Internal BARO failed (PCM)
0112	IAT	Intake air temp sensor circuit low input	Grounded circuit, IAT sensor, PCM
0113	IAT	Intake air temp sensor circuit high input	Open/short to power circuit, IAT sensor, PCM
0122	AP/ETC	Accelerator pedal sensor circuit low input	Grounded circuit, AP/ETC sensor, PCM
0123	AP/ETC	Accelerator pedal sensor circuit high input	Open/short to power circuit, AP/ETC sensor, PCM
0197	EOT	Engine oil temp sensor circuit low input	Grounded circuit, EOT sensor, PCM
0198	EOT	Engine oil temp sensor circuit high input	Open/short to power circuit, EOT sensor, PCM
0220	TEST	Throttle switch B circuit malfunction	IVS Switch not detected during self-test, circuit, switch
0221	AP/IVS	Throttle switch B circuit performance	Failed pedal assembly
0236	MAP	Turbo boost sensor A circuit performance	MAP sensor, BP sensor or circuit failure
0237	MAP	Turbo boost sensor A circuit low input	Circuit open, short to ground, MAP sensor
0238	MAP	Turbo boost sensor A circuit high input	Circuit short to power, MAP sensor
0261	INJ	Injector circuit low - Cylinder 1	Harness short to ground
0262	INJ	Injector circuit high - Cylinder 1	Miswired connector or harness
0263	INJ	Cylinder 1 contribution/balance fault	Power cylinder, valve train or injector problem, circuit
0264	INJ	Injector circuit low - Cylinder 2	Harness short to ground
0265	INJ	Injector circuit high - Cylinder 2	Miswired connector or harness
0266	INJ	Cylinder 2 contribution/balance fault	Power cylinder, valve train or injector problem, circuit
0267	INJ	Injector circuit low - Cylinder 3	Harness short to ground
0268	INJ	Injector circuit high - Cylinder 3	Miswired connector or harness
0269	INJ	Cylinder 3 contribution/balance fault	Power cylinder, valve train or injector problem, circuit
0270	INJ	Injector circuit low - Cylinder 4	Harness short to ground
0271	INJ	Injector circuit high - Cylinder 4	Miswired connector or harness
0272	INJ	Cylinder 4 contribution/balance fault	Power cylinder, valve train or injector problem, circuit
0273	INJ	Injector circuit low - Cylinder 5	Harness short to ground
0274	INJ	Injector circuit high - Cylinder 5	Miswired connector or harness
0275	INJ	Cylinder 5 contribution/balance fault	Power cylinder, valve train or injector problem, circuit
0276	INJ	Injector circuit low - Cylinder 6	Harness short to ground
0277	INJ	Injector circuit high - Cylinder 6	Miswired connector or harness
0278	INJ	Cylinder 6 contribution/balance fault	Power cylinder, valve train or injector problem, circuit
0279	INJ	Injector circuit low - Cylinder 7	Harness short to ground
0280	INJ	Injector circuit high - Cylinder 7	Miswired connector or harness
0281	INJ	Cylinder 7 contribution/balance fault	Power cylinder, valve train or injector problem, circuit
0282	INJ	Injector circuit low - Cylinder 8	Harness short to ground
0283	INJ	Injector circuit high - Cylinder 8	Miswired connector or harness
0284	INJ	Cylinder 8 contribution/balance fault	Power cylinder, valve train or injector problem, circuit
0340	CMP	Camshaft position sensor ckt malfunction	Open/short circuit, CAMP sensor
0341	CMP	Camshaft position sensor ckt performance	Harness routing, charging circuit, sensor
0344	CMP	Camshaft position sensor ckt intermittent	Open/short ckt, sensor/gap, low fuel pressure/no start
0380	GPC	Glow plug circuit malfunction	Open/short ckt, GP relay, PCM
0381	GPL	Glow plug indicator circuit malfunction	Open/short circuit, lamp, fuse, PCM
0460	FLI	Fuel Level Sensor Circuit Malfunction	Open/short circuit, cluster, tank unit, open case GND
0560	N/A	System voltage malfunction	Charging system problem/load, glow plugs still enabled
0562	VPWR	System voltage low	Low sys voltage, charging sys, internal PCM failure
0563	VPWR	System voltage high	High sys voltage, charging sys, internal PCM failure
0565	TEST	Cruise "On" signal malfunction	Switch not detected during self-test, circuit, switch
0566	TEST	Cruise "Off" signal malfunction	Switch not detected during self-test, circuit, switch
0567	TEST	Cruise "Resume" signal malfunction	Switch not detected during self-test, circuit, switch
0568	TEST	Cruise "Set" signal malfunction	Switch not detected during self-test, circuit, switch
0569	TEST	Cruise "Coast" signal malfunction	Switch not detected during self-test, circuit, switch
0571	TEST	Brake switch A (BPA) circuit malfunction	Switch not detected during self-test, circuit, switch