



4. EFI SYSTEM

Fault Code And The Sensors Of The Table

No.	Fault codes	Fault Description
1	XXXXX	Un define
2	B2225	Tilt switch diagnosis (Short Circuit Battery)
3	B2226	Tilt switch diagnosis (Short Circuit Ground/Open Circuit)
4	P0000	No DTC
5	P0031	Sensor heater diagnosis #0 (Short Circuit Ground/Open Circuit)
6	P0032	Sensor heater diagnosis #0 (Short Circuit Battery)
7	P0107	MAP sensor diagnosis (Short Circuit Ground/Open Circuit)
8	P0108	MAP sensor diagnosis (Short Circuit Battery)
9	P0112	Intake air temperature sensor diagnosis (Short Circuit Ground)
10	P0113	Intake air temperature sensor diagnosis (Short Circuit Battery/Open Circuit)
11	P0114	Electrical intake air temperature intermittent diagnosis (failure)
12	P0117	Coolant Temperature Sensor (Short Circuit Ground)
13	P0118	Coolant Temperature Sensor (Short Circuit Battery/Open Circuit)
14	P0119	Coolant temperature intermittent diagnosis (failure)
15	P0121	TPS position sensor adaptation diagnosis (out of range)
16	P0122	Throttle Position Sensor 1 (Short Circuit Ground/Open Circuit)
17	P0123	Throttle Position Sensor 1 (Short Circuit Battery)
18	P0131	Lambda sensor #0 diagnosis (Short Circuit Ground)
19	P0132	Lambda sensor #0 diagnosis (Short Circuit Battery)
20	P0133	Lambda sensor #0 diagnosis (Open Circuit)
21	P0171	Lambda control diagnosis #0 (too high)
22	P0172	Lambda control diagnosis #0 (too low)
23	P0217	Engine coolant over temperature protection diagnosis
24	P0219	Engine over speed detection diagnosis
25	P0231	Electric fuel pump diagnosis (Short Circuit Ground/Open Circuit)
26	P0232	Electric fuel pump diagnosis (Short Circuit Battery)
27	P0261	Injection valve diagnosis #0 (Short Circuit Ground/Open Circuit)
28	P0262	Injection valve diagnosis #0 (Short Circuit Battery)
29	P0264	Injection valve diagnosis #1 (Short Circuit Ground/Open Circuit)
30	P0265	Injection valve diagnosis #1 (Short Circuit Battery)
31	P0351	Ignition diagnosis #0 (Short Circuit Battery)
32	P0352	Ignition diagnosis #1 (Short Circuit Battery)
33	P0370	Loss of synchronization diagnosis
34	P0371	Crankshaft sensor diagnosis



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35	P0373	Crankshaft sensor diagnosis
36	P0462	FUEL sensor diagnosis (Short Circuit Ground)
37	P0463	FUEL sensor diagnosis (Short Circuit Battery/Open Circuit)
38	P0484	Cooling fan diagnosis (Short Circuit Battery)
39	P0485	Cooling fan diagnosis (Short Circuit Ground/Open Circuit)
40	P0560	Battery voltage diagnosis (too low)_VBR
41	P0561	Battery voltage diagnosis (too high)_VBR
42	P0562	Battery voltage diagnosis (too low)_VBK
43	P0563	Battery voltage diagnosis (too high)_VBK
44	P0608	Reference voltage diagnosis (Short Circuit Battery)
45	P0609	Reference voltage diagnosis (Short Circuit Ground/Open Circuit)
46	P0615	Starter 1 diagnosis (Open Circuit)
47	P0616	Starter 1 diagnosis (Short Circuit Ground)
48	P0617	Starter 1 diagnosis (Short Circuit Battery)
49	P0630	VIN coherence
50	P0651	MIL diagnosis (Short Circuit Ground/Open Circuit)
51	P0652	MIL diagnosis (Short Circuit Battery)
52	P1352	Ignition diagnosis #0 (Short Circuit Ground/Open Circuit)
53	P1353	Ignition diagnosis #1 (Short Circuit Ground/Open Circuit)
54	P1508	Stepper motor diagnosis (Short Circuit Ground/Open Circuit)
55	P1509	Stepper motor diagnosis (Short Circuit Battery)
56	P1615	Starter 2 diagnosis (Open Circuit)
57	P1616	Starter 2 diagnosis (Short Circuit Ground)
58	P1617	Starter 2 diagnosis (Short Circuit Battery)