

CELP FAILURE CODES LIST

Blinks	Failure Codes (diagnostic tool)	Contents	Causes	Symptoms
06	P0120	Faulty TPS	<ul style="list-style-type: none"> ● Faulty TPS voltage range (0.3~4.5 V) ● Loose or poor connection on TPS Sensor ● Open or short circuit on the TPS wire ● Faulty TPS itself. 	Engine operates normally
09	P0105	Faulty MAP	<ul style="list-style-type: none"> ● Faulty MAP voltage range (1~4.2 V) ● Loose or poor connection on MAP Sensor ● Open or short circuit on MAP wire ● Faulty MAP itself 	Engine operates normally
12	P0115	Faulty WTS (water temperature)	<ul style="list-style-type: none"> ● Faulty ECT Ω range (-20°C: 18.8 Ω/40°C: 1.136 Ω/100°C: 0.1553 Ω) ● Loose or poor connection on ECT ● Open or short circuit on ECT wire ● Faulty ECT 	Engine operates normally
15	P1630	Faulty Tilt switch (Roll)	<ul style="list-style-type: none"> ● Faulty Tilt switch voltage range (inclined angle <65°: 0.4~1.4 V/ Inclined angle >65°: 3.7~4.4 V) ● Loose or poor connection on Tilt switch ● Open or short circuit in Tilt switch wire ● Faulty tilt switch 	Engine operates normally
17	P0130	Faulty O ² sensor	<ul style="list-style-type: none"> ● Faulty O² sensor voltage range (A/F below 14.7: > 0.7V/ A/F over 14.7: < 0.18 V) ● Loose or poor connection on O² sensor ● Open or short circuit on O² sensor wire ● Faulty O² sensor 	Engine operates normally
33	P0201	Faulty injector (Nozzle)	<ul style="list-style-type: none"> ● Faulty Fuel injector Ω range (9.945~13.5 Ω) ● Loose or poor connection on injector ● Open or short circuit on injector wire ● Faulty fuel injector 	Engine fail to be operated