

FUEL SYSTEM (Programmed Fuel Injection)

MIL	Function Failure	Causes	Symptoms	Refer to
12 Blinks	No.1 primary injector circuit malfunction	<ul style="list-style-type: none"> Loose or poor contact on No.1 primary injector connector Open or short circuit in No.1 primary injector wire Faulty No.1 primary injector 	<ul style="list-style-type: none"> Engine does not start 	6-24
13 Blinks	No.2 primary injector circuit malfunction	<ul style="list-style-type: none"> Loose or poor contact on No.2 primary injector connector Open or short circuit in No.2 primary injector wire Faulty No.2 primary injector 	<ul style="list-style-type: none"> Engine does not start 	6-25
14 Blinks	No.3 primary injector circuit malfunction	<ul style="list-style-type: none"> Loose or poor contact on No.3 primary injector connector Open or short circuit in No.3 primary injector wire Faulty No.3 primary injector 	<ul style="list-style-type: none"> Engine does not start 	6-25
15 Blinks	No.4 primary injector circuit malfunction	<ul style="list-style-type: none"> Loose or poor contact on No.4 primary injector connector Open or short circuit in No.4 primary injector wire Faulty No.4 primary injector 	<ul style="list-style-type: none"> Engine does not start 	6-25
16 Blinks	No.1 secondary injector circuit malfunction	<ul style="list-style-type: none"> Loose or poor contact on No.1 secondary injector connector Open or short circuit in No.1 secondary injector wire Faulty No.1 secondary injector 	<ul style="list-style-type: none"> Engine does not start 	6-25
17 Blinks	No.2 secondary injector circuit malfunction	<ul style="list-style-type: none"> Loose or poor contact on No.2 secondary injector connector Open or short circuit in No.2 secondary injector wire Faulty No.2 secondary injector 	<ul style="list-style-type: none"> Engine does not start 	6-25
18 Blinks	CMP (Camshaft position) sensor, no signal	<ul style="list-style-type: none"> Loose or poor contact on CMP sensor Open or short circuit in CMP sensor Faulty camshaft position sensor 	<ul style="list-style-type: none"> Engine does not start 	6-26
19 Blinks	CKP (Crankshaft position) sensor, no signal	<ul style="list-style-type: none"> Loose or poor contact on CKP sensor Open or short circuit in CKP sensor Faulty crankshaft position sensor 	<ul style="list-style-type: none"> Engine does not start 	6-27
33 Blinks	EEPROM in ECM malfunction	<ul style="list-style-type: none"> Faulty ECM 	<ul style="list-style-type: none"> Engine operates normally 	6-28
34 Blinks	EGCV POT (potentiometer) malfunction	<ul style="list-style-type: none"> Faulty EGCV servomotor POT 	<ul style="list-style-type: none"> Engine operates normally 	6-28
35 Blinks	EGCV servomotor malfunction	<ul style="list-style-type: none"> EGCV servomotor lock 	<ul style="list-style-type: none"> Engine operates normally 	6-30
48 Blinks	No.3 secondary injector circuit malfunction	<ul style="list-style-type: none"> Loose or poor contact on No.3 secondary injector connector Open or short circuit in No.3 secondary injector wire Faulty No.3 secondary injector 	<ul style="list-style-type: none"> Engine does not start 	6-25
49 Blinks	No.4 secondary injector circuit malfunction	<ul style="list-style-type: none"> Loose or poor contact on No.4 secondary injector connector Open or short circuit in No.4 secondary injector wire Faulty No.4 secondary injector 	<ul style="list-style-type: none"> Engine does not start 	6-25
51 Blinks	HESD linear solenoid malfunction	<ul style="list-style-type: none"> Loose or poor contact on HESD solenoid connector Open or short circuit in HESD solenoid wire Faulty HESD solenoid 	<ul style="list-style-type: none"> Engine operates normally HESD does not function 	14-7