

C15 Industrial Engine

SEBU7902-01
May 2006

JRE1-Up (Engine)

Possible Performance Effect of Active Diagnostic Codes

Flash Code	CID-FMI Code	SPN-FMI Code	Description of Code	Engine Misfires	Low Power	Reduced Engine Speed	Engine Shutdown
0	545-05	545-05	Ether Start Relay Open/Short to +Batt				
	545-06	545-06	Ether Start Relay Short to Ground				
12	266-002	266-002	Incorrect Crank - without - Inject Inputs				
13	174-03	174-03	Fuel Temperature Open/Short to +Batt				
	174-04	174-04	Fuel Temperature Short to Ground				
34	320-02	190-02	Speed/Timing Sensor Loss of Signal	X			X(1)
	320-11	190-11	Speed/Timing Sensor Mechanical Failure	X			X(1)
	342-02	723-02	Loss of Secondary Engine Speed	X			X(1)
	342-11	723-11	Secondary Engine Speed Sensor mechanical failure	X			X(1)
37	94-03	94-03	Fuel Pressure Open/Short to +Batt				
	94-04	94-04	Fuel Pressure Short to Ground				
	175-03	175-03	Engine Oil Temperature Open/Short to +Batt				
	175-04	175-04	Engine Oil Temperature Short to Ground				
38	172-03	172-03	Intake Manifold Air Temp Open/Short to +Batt	X	X	X	
	172-04	172-04	Intake Manifold Air Temp Short to Ground	X	X	X	
42	261-13	228-13	Engine Timing Calibration Required	X	X	X	X
51	168-02	168-02	System Voltage Intermittent/Erratic	X	X		X
53	254-12		Electronic Control Module Error	X	X	X	X
56	253-02	234-02	Personality Module Mismatch				X(2)
	268-02	1111-02	Check Programmable Parameters		X	X	
58	247-09	639-09	J1939 Data Link Communications				
72	1-11	651-11	Injector Cylinder #1 Fault	X	X		
	2-11	652-11	Injector Cylinder #2 Fault	X	X		
73	3-11	653-11	Injector Cylinder #3 Fault	X	X		
	4-11	654-11	Injector Cylinder #4 Fault	X	X		
74	5-11	655-11	Injector Cylinder #5 Fault	X	X		
	6-11	656-11	Injector Cylinder #6 Fault	X	X		

(1) The engine will shut down if both speed/timing sensors are lost.

(2) Fuel injection will not occur and the engine will not start.

Cross-Reference for Event Codes

Flash Codes	EID Codes	SPN-FMI Codes	Description of Code
35	004	0190-16	Engine Overspeed Shutdown
63	005	0094-15	Fuel Filter Restriction Derate
63	006	0094-16	Fuel Filter Restriction Shutdown
61	015	0110-16	High Engine Coolant Temperature Derate
61	016	0110-00	High Engine Coolant Temperature Shutdown
61	017	0110-15	High Engine Coolant Temperature Warning
64	025	0172-16	High Inlet Air Temperature Derate
64	027	0172-15	High Inlet Air Temperature Warning
46	039	0100-18	Low Engine Oil Pressure Derate
46	040	0100-01	Low Engine Oil Pressure Shutdown
65	054	0174-16	High Fuel Temperature Derate
65	055	0174-00	High Fuel Temperature Shutdown
65	056	0174-15	High Fuel Temperature Warning
62	057	0111-18	Low Engine Coolant Level Derate
62	058	0111-01	Low Engine Coolant Level Shutdown
62	059	0111-17	Low Engine Coolant Level Warning
63	095	0094-00	Fuel Filter Restriction Warning
63	096	0094-00	High Fuel Pressure
46	100	0100-17	Low Engine Oil Pressure Warning
35	190	0190-00	Engine Overspeed Warning