

C18 Industrial Engine

SEBU7899-05
January 2012

JDA1-Up (Engine)
GJE1-Up (Engine)
EJG1-Up (Engine)
WJH1-Up (Engine)
WRH1-Up (Engine)

Cross Reference for Diagnostic Codes			
Flash Code	SPN-FMI Code	Diagnostic Code or Event Code	Description of Code
N/A	1387-15	E443(2)	High Auxiliary Pressure Warning
	1387-16		High Auxiliary Pressure Derate
	1387-00		High Auxiliary Pressure Shutdown
	0441-15	E445(2)	High Auxiliary Temperature Warning
	0441-16		High Auxiliary Temperature Derate
	0441-00		High Auxiliary Temperature Shutdown
	626-05	545-05	Ether Start Relay Open/Short to +Batt
		2417-05	Ether Injection Control Solenoid Open/Short to +Batt
	626-06	545-06	Ether Start Relay Short to Ground
		2417-06	Ether Injection Control Solenoid Short to Ground
	1835-03	1835-03	Auxiliary Pressure Sensor Open/Short to +Batt
	1835-04	1835-04	Auxiliary Pressure Sensor Short to Ground
	1836-03	1836-03	Auxiliary Temperature Sensor Open/Short to +Batt
	1836-04	1836-04	Auxiliary Temperature Sensor Short to Ground
111-02	111-02	Engine Coolant Level Sensor Loss of Signal	
13	174-03	174-03	Fuel Temperature Open/Short to +Batt
	174-04	174-04	Fuel Temperature Short to Ground
21	678-03	41-03	8 Volt DC Supply Short to +Batt
	678-04	41-04	8 Volt DC Supply Short to Ground
	620-03	262-03	5 Volt DC Supply Short to +Batt
	1079-03		
	620-04	262-04	5 Volt DC Supply Short to Ground
	1079-04		
24	100-03	100-03	Engine Oil Pressure Open/Short to +Batt
	100-04	100-04	Engine Oil Pressure Short to Ground
	100-10	100-10	Engine Oil Pressure Abnormal Rate of Change
25	102-03	102-03	Boost Pressure Open/Short to +Batt
	102-04	102-04	Boost Pressure Short to Ground
	102-10	102-10	Boost Pressure Abnormal Rate of Change
26	108-03	108-03	Atmospheric Pressure Open/Short to +Batt
	108-04	108-04	Atmospheric Pressure Short to Ground
27	110-03	110-03	Engine Coolant Temperature Open/Short to +Batt
	110-04	110-04	Engine Coolant Temperature Short to Ground
28	91-13	91-13	Throttle Position Calibration Required
32	91-08	91-08	Throttle Position Signal Abnormal
34	190-08	190-08	Engine Speed Signal Abnormal
	723-08	342-08	Secondary Engine Speed Signal Abnormal
35	190-15	E362(2)	Engine Overspeed Warning
	190-00		Engine Overspeed Shutdown
37	94-03	94-03	Fuel Pressure Open/Short to +Batt
	94-04	94-04	Fuel Pressure Short to Ground
38	105-03	172-03	Intake Manifold Air Temp Open/Short to +Batt
	105-04	172-04	Intake Manifold Air Temp Short to Ground
42	637-13	261-13	Engine Timing Calibration Required

46	100-17	E360(2)	Low Engine Oil Pressure Warning
	100-18		Low Engine Oil Pressure Derate
	100-01		Low Engine Oil Pressure Shutdown
51	168-00	168-00	System Voltage High
	168-01	138-01	System Voltage Low
	168-02	168-02	System Voltage Intermittent/Erratic
56	630-02	268-02	Check Programmable Parameters
58	639-09	247-09	J1939 Data Link Communications
61	110-15	E361(2)	High Engine Coolant Temperature Warning
	110-16		High Engine Coolant Temperature Derate
	110-00		High Engine Coolant Temperature Shutdown
62	111-17	E2143(2)	Low Engine Coolant Level Warning
	111-18		Low Engine Coolant Level Derate
	111-01		Low Engine Coolant Level Shutdown
63	94-15	E096	High Fuel Pressure Warning
64	1636-15	E539(2)	High Inlet Air Temperature Warning
	1636-00		High Inlet Air Temperature Shutdown
65	174-15	E363(2)	High Fuel Temperature Warning
	174-16		High Fuel Temperature Derate
	174-00		High Fuel Temperature Shutdown
71	651-05	001-05	Injector Cylinder 1 Open Circuit
	651-06	001-06	Injector Cylinder 1 Short
	651-11	001-11	Injector Cylinder #1 Fault
72	652-05	002-05	Injector Cylinder 2 Open Circuit
	652-06	002-06	Injector Cylinder 2 Short
	652-11	002-11	Injector Cylinder #2 Fault
73	653-05	003-05	Injector Cylinder 3 Open Circuit
	653-06	003-06	Injector Cylinder 3 Short
	653-11	003-11	Injector Cylinder #3 Fault
74	654-05	004-05	Injector Cylinder 4 Open Circuit
	654-06	004-06	Injector Cylinder 4 Short
	654-11	004-11	Injector Cylinder #4 Fault
75	655-05	005-05	Injector Cylinder 5 Open Circuit
	655-06	005-06	Injector Cylinder 5 Short
	655-11	005-11	Injector Cylinder #5 Fault
76	656-05	006-05	Injector Cylinder 6 Open Circuit
	656-06	006-06	Injector Cylinder 6 Short
	656-11	006-11	Injector Cylinder #6 Fault

(1) Suspect Parameter Number

(2) Caterpillar Electronic Technician (ET) will display 1, 2, or 3 after the event code in order to designate a warning, a derate, or a shutdown.