

## Caterpillar Spn Fmi Codes

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### Caterpillar Spn Fmi Codes

CAT CID Code List: A failure mode Identifier (FMI) is a diagnostic code that informs the service personnel of the type of problem that has been detected within a circuit or system. CAT FMI Code List. A module Identifier (MID) is a diagnostic code that identifies the electronic control module that has diagnosed a fault. CAT MID Code List

### Cat Fault Codes | Caterpillar Fault Codes | CatFaultCodes.com

FMI-3287, FMI-3288. Don't forget ! When a fault code pops up, CAT's Uptime Center is automatically notified via an cellular link, and it alerts the truck's owner by prearranged methods, usually email or phone calls.

### FMI Cat Fault Codes | CATFaultCodes.com

Suspect Parameter Numbers (SPN) on J1939 data link. The Suspect Parameter Number (SPN) is diagnostic fault code terminology found on some Caterpillar ® products using a J1939 CAN data link. The Society of Automotive Engineers (SAE) developed the J1939 standards and SPN code terms have been assigned for specific parameters (component or system circuits) that diagnostic trouble codes (DTC) are associated with.

### Suspect Parameter Numbers (SPN) on J1939 data link | # ...

The FMI code 06 is similar to the FMI code 05. However, the FMI code 06 indicates that the current values are higher than the permissible values. The appearance of the FMI 06 code is most often associated with a malfunction of the output circuits in the electronic control units.

### Caterpillar engines FMI diagnostic codes | Truckmanualshub.com

611 System Diagnostic Code #1 612 System Diagnostic Code #2 613 System Diagnostic Code #3 614 System Diagnostic Code #4 615 System Diagnostic Code #5 616 Auxiliary Analog Input #1 617 Parking Brake On Actuator 618 Parking Brake Off Actuator 619 Parking Brake Actuator 620 5 Volts DC Supply 621 Antenna Electronics 622 J1922 623 Red Stop Lamp

### CAT Tractor Fault Codes SPN

CATERPILLAR REGENERATION SYSTEM PID/SID-FMI J1939 SPN-FMI Diagnostic Code Description 320-3 3246-3 Particulate Trap # 1 Outlet Temperature Voltage High 320-4 3246-4 Particulate Trap # 1 Outlet Temperature Voltage Low 320-11 3246-16 Very High Particulate Trap # 1 Outlet Temperature

### 33. ATA/J1939 Diagnostic Code Quick Reference

CATERPILLAR Fault Codes (DTCs) list See also: Caterpillar PDF Service Manuals Title File Size Download Link Caterpillar 320C/330C Fault Codes.pdf 209.4kb Download Caterpillar CID MID FMI Fault Codes.pdf 771.6kb Download Diagnostic Flash Codes For CAT C15 & C18 Engines.pdf 582.8kb Download IT938G Caterpillar 38G II Fault Codes.pdf 124.4kb Download 12 The sensor of the level of the cooling ...

### CATERPILLAR Fault Codes (DTCs) list | Truckmanualshub.com

Title: CAT Fault codes Author: tu4196 Created Date: 8/16/2010 12:49:57 PM

### CAT Fault codes

CATERPILLAR ENGINE FAULT CODE DIAGNOSTICS SCROLL' DIAGNOSTIC XX ENGAGE AND DISENGAGE WARNING ONLY'' oo Troubleshooting with a Diagnostic Code 01443052 Flash Codes SMCS Code: 1000; 1900 Flash codes are used to represent diagnostic codes in the electronic system in order to alert the operator that a problem exists.

### CATERPILLAR ENGINE FAULT CODE DIAGNOSIS

Diagnostic Code Information for Caterpillar Electronic Control. (1901, 1927, 1948, 3168, 4348, 4802, 4808, 4810, 5511, 5701. ... (FMI) is a diagnostic code that informs the service personnel of the type of problem that has been detected within a circuit or system. A module Identifier (MID) is a diagnostic code that identifies the electronic ...

### Diagnostic Code Information for Caterpillar Electronic ...

For a specific engine manufacturer's explanation for codes, please consult the engine's technical manual. SPN FMI Description. 110 16 ENG COOL TEMP HIGH 111 1 LOW COOLANT LEVEL 120 15 RETARDER OIL TEMPERATURE ABOVE NORMAL 158 2 KEYSWITCH INTERMITTENT 158 17 KEYSWITCH CIRCUIT PROBLEM 171 12 INTERNAL TEMPERATURE 174 0 FUEL TEMP HIGH 174 2 FUEL TEMPERATURE SENSOR DEFECTIVE 174 3 FUEL TEMP VOLT ABOVE NORM OR SHORT HIGH SOURCE 174 4 FUEL TEMP VOLT BELOW NORM OR SHORT LOW SOURCE 174 15 FUEL ...

### SPN FMI Description

Failure Mode Identifier (FMI) Codes on J1939 data link The FMI is used along with the SPN to provide specific information that relates to a diagnostic trouble code (DTC). The FMI may indicate that a problem with an electronic circuit or an electronic component has been detected.

### Failure Mode Identifier (FMI) Codes on J1939 data link | # ...

Caterpillar C4.4, C6.6 & C7.1 Tier 4 Interim Series ELECTRICAL & ELECTRONIC A&I GUIDE Four & Six cylinder diesel engines for agricultural, industrial, construction applications Developed to meet EEC off-road mobile machinery Stage IIIB and EPA off-road Tier 4 Interim

### Caterpillar C4.4, C6.6 & C7.1 Tier 4 Interim Series

Flash Code 42 63 69 Cross Reference for Diagnostic Codes Diagnostic Code Description of Code Code 190-08 723-08 190-15 190-00 94-03 94-04 105-03

### Diagnostic Flash Codes For CAT C13 Engines

The SPN identifies the origin of the problem. Failure Mode Identifier (FMI) - The FMI is used with the SPN in order to provide more information that relates to the problem. The FMI may indicate that a problem with an electronic circuit or an electronic component has been detected.

### 3512C and 3516C Marine Propulsion Engines Caterpillar

2008 PETERBILT ACTIVE CODES SPN1761 FMI 2 AND SPN 5245 FMI. 2008 PETERBILT ACTIVE CODES SPN1761 FMI 2 AND SPN 5245 FMI 2 WILL NOT ALLOWE REGEN BOTHCODES ARE FOR CAB CONTROLLER ok so the truck cam in with check engine light, warning light and dpf light on. truck ... read more. Cat Man. Cat Engine Expert.

### Cat man, I have following codes 2008 c13 cat SPN 111. FMI ...

also produce several malfunction codes. For this malfunction (SPN# 110, FMI# 3), the ECM harness Supply and Return lines are shared by the engine coolant temperature sensor, the engine oil pressure switch, and the barometric pressure sensor.

### SPN#110, FMI#3 7 ENGINE COOLANT TEMPERATURE SENSOR VOLTAGE ...

CAT Electronic Technician: Allison Transmission: Home » Fault Codes CUMMINS ISB ISC ISBe ISDe and QS83.3 CM2150 » SPN 639 - FMI 9 (Fault Code 285) Blog.Teknisi. Friday, October 23, 2015 Fault Codes CUMMINS ISB ISC ISL ISBe ISDe and QS83.3 CM2150.

### SPN 639 - FMI 9 (Fault Code 285) - Blog.Teknisi

yea i tried an ignition test and it failed now it has locked me out cause it has an active event for failed to ignite. im using et. i have replaced the ard head because sometimes the tang for ignitor is worn out and replaced the nozzle screens this is a 2008 and i need to diagnose why i have the code 3830-3 aftertratment #1 secondary air differential pressure voltage above normal.