



Diesel engine air compressor fault code 679

What is a compressor fault code?

Following, are the descriptions of the COMPRESSOR fault codes. These are indicated by the SECU Display Digit. S3 is located in the discharge pipe from the airend. The SECU has detected an open S2, compressor separator tank temperature Switch. Machine could be overheated or have a faulty switch or wiring.

What does a code 641/9 mean on a diesel engine?

If warning lamps illuminate, troubleshoot the codes. If assistance is required, call the Detroit Diesel Customer Support Center at 313-592-5800. This code typically means a turbo actuator internal error code, problem unknown. Check for multiple codes. [a]If 641/9, 641/11, 641/14 or 2795/9 are present, service those faults first.

What does a fault code mean on a pressure limiting valve?

When a fault code is generated for a Pressure Limiting Valve (PLV), it typically indicates that the valve is staying open. The pressure limiting valve opens when rail pressure exceeds 1150 bar. The MCM commands a lower rail pressure to try and close the pressure limiting valve. If the valve does not close, a fault code is generated.

What does a fault code mean on a diesel engine?

If assistance is required, call the Detroit Diesel Customer Support Center at 313-592-5800. This fault code indicates that there is a short to power. Turn the ignition OFF. Disconnect the fan control solenoid connector. Turn the ignition ON (key On, engine OFF). Measure the voltage between pin 1 of the fan control solenoid connector and ground.

What should I do if 679/7 is not working?

If only the 679/7 fault code is present in DDDL, go to the next step. Using DDDL, monitor rail pressure at idle. If rail pressure is above 900 bar, check for a damaged needle return line and a damaged line (fuel rail to injector). Repair as necessary.

How do I troubleshoot a diesel engine fault code 168/1?

If warning lamps illuminate, troubleshoot the codes. If assistance is required, call the Detroit Diesel Customer Support Center at 313-592-5800. This diagnosis is typically an open circuit, short to ground or short to power. Check for multiple codes. [a]If fault code 168/1 is active in addition to 3662/5, service 168/1 first. Refer to section

The fault condition is typically related to a Pressure Limiting Valve (PLV) staying open. The pressure limiting valve will open when rail pressure is above 1150 bar.

The following are descriptions of Compressor and Engine diagnostic codes. When a Compressor diagnostic



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code is displayed the "Compressor Malfunction" diagnostic light will be illuminated.

Diesel Engine Fault Symptoms Troubleshoot Chart Diesel Mechanic : Servicing & specialist repairs: Mobile technician : Vehicle Breakdown callout * available to ...

Cummins ISX Engine Fault Codes for the CM871 ECM (2007-2010 engines) Here are all the Cummins ISX engine fault codes available for the Cummins CM871 ECM. These codes pertain ...

The B4 Start Compressor provides air to close the Airend Unloader Valve for ease of engine starting. The Titan controls the start compressor by energizing and de-energizing the Start ...

Troubleshoot your Detroit Diesel DD15 (2010-2013) engine with our comprehensive fault code list and repair tips to keep your truck running ...

An open return can cause multiple fault codes to be active. Before troubleshooting Fault Code 691, check for multiple fault codes. An extension harness between the main engine ...

The Fuel Pressure Relief Valve (PRV) regulates fuel pressure in the fuel rail. Our diesel tech shows you what to test for and how to reset the code.

The Detroit Diesel DD13, introduced in 2008, marked a shift toward electronically controlled, emissions-compliant engines for medium- and ...

In this article, we'll break down some of the most common diesel fault codes, what they mean, and how DPF Guys can help you address them before they turn into bigger problems.

When a compressor breaks down, it rarely does so without warning. Modern air compressors come equipped with fault codes designed to relay critical information about the ...

Explanation: The SECU has detected an open S2, compressor separator tank temperature Switch. Machine could be overheated or have a faulty switch or wiring. S2 is located in the ...

These packages include a heavy duty rotary screw air compressor, a diesel engine, fuel tank, compressor inlet system, compressor cooling and lubri-cation system, compressor discharge ...

Portable air compressors (also called diesel-driven air compressors or tow-behind air compressors) are the work horse of building and construction sites, but are often "abused" and ...

Specifically covered in this manual are troubleshooting and repair steps that apply to the DDEC VI. All information subject to change without notice. To reduce the chance of personal injury ...



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Detroit Diesel DD13 (2014-2016) Fault Codes Below is a full list of fault codes for the Detroit Diesel DD13 covering model years 2014-2016. For ...

Detroit Diesel DD16 (2017-2020) Fault Codes Below is a complete list of fault codes for the Detroit Diesel DD16, covering model years ...

The turbocharger compressor inlet air temperature sensor shares return wires in the engine harness with other sensors. An open return can cause multiple fault codes to be ...

Reasons Ingersoll Rand Compressor Shows Fault Codes In the event of a system fault of some sort, the Ingersoll Rand air compressor should ...

Up to \$7 cash back! I'll check the ABS fault now. The 520210-9 indicates a communication problem involving the ESC module (yaw rate sensor), the SAS (steering angle sensor), and ...

Understanding ECM fault codes is essential for maintaining diesel engine performance and preventing costly repairs. These codes provide valuable ...

Engine power and compressor air output will be reduced at high altitude or hot ambient temperatures. Machine review and maintenance check schedules should be more frequent ...

Get information about Suspect Parameter Number (SPN) and Failure Mode Identifier (FMI) fault code list and read descriptions before engine ...

Troubleshooting air compressors? Here are some common problems that can develop in a compressed air system and probable causes and suggested actions.

The complete operating unit consists of a diesel engine for power, compressor assembly, air/oil separator system, cooling system for the engine and compressor oil, instrumentation, ...



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