

12/22/2016

Deutz 2.9L Trouble Codes

The new Deutz 2.9L Tier 4 diesel engines are capable of providing the technician with a flash code for engine diagnostics to assist the technician when a computer is not available. The platform and base control panels are equipped with a warning light display to alert the operator of problems. Consult the correct operating or service manual for the model and serial number of the machine you are working on for the location and identification of the lights.

When looking at the warning lamp, it will display either a continuous light or a flashing light.

A continuous light refers to a system error; likely an engine sensor, for example the coolant temperature sensor or oil pressure sensor signal to the ECU is out of range. This is considered a non-critical fault and the ECU allows continued operation but may reduce engine power.

A flashing warning indicates a serious error. The operator should shut the engine off. The ECU will reduce engine power and shut down the engine after a certain time and in some cases may let the engine run at reduced power for a short time to cool the engine - then shut it down.

To retrieve a flash code, find the diagnostic switch located on the base control console. Turn on the power for the unit, (do not start) and hold the switch until the warning light begins to flash. Immediately start counting the flashes. The codes are a 3-digit code and are shown as a series of flashes. The first digit will be short/quick flashes followed by a 2 second pause. The second digit will be longer/slower flashes followed by a 2 second pause. The third digit will be shown as the short/quick flashes followed by a 5 second pause. Any more codes stored will be shown in order of occurrence and it will repeat the first code once all have been displayed.

Once you have the codes recorded, contact your local Deutz dealer or call Skyjack Product Support at 1-800-275-9522 or email service@skyjack.com for assistance.

After the problem is corrected, the code should clear from the list and the light should go off. If it does not contact your local Deutz dealer.