

My Short Cut

To The Onan Diagnostic Fault Codes

Recent discussions on the forum have prompted me to write about the diagnostic codes available on the Onan Diesel Generator most of us have. I will specifically write about my **HDKAJ 7.5KW** Onan generator.

THE LAST DIAGNOSTIC FAULT CODE IS ALWAYS AVAILABLE ON THE GENERATOR NO MATTER HOW LONG AGO THE FAULT CODE WAS SET.

To access the last fault code, depress the **STOP** side of the control button **THREE** times in less than five seconds. The first level fault code will blink, it can be one blink, two blinks or three blinks.

FIRST-LEVEL FAULT CODES: One blink indicates the shutdown was due to high temperature. Two blinks indicate the shutdown due to loss of engine oil pressure. Three blinks indicate some other abnormal condition. If three blinks the light will blink - - blink - - blink with a steady gap between blinks. The fault code will repeat after a pause until you stop the display by depressing the **START** side of the control button (All you need is to bump the starter and it will stop displaying the codes) or the fault codes will stop themselves after five minutes has lapsed. Now if the first level-fault code blinks one or three times then there is a second-level fault code available.

To access the **SECOND-LEVEL FAULT CODES:** depress the **STOP** side of the control switch **ONE** time. The second-level fault code will blink. The second-level fault code will have both a tens and units number. The tens number will blink first and the units number will blink second. So for a second-level fault code of **36**, the first number the tens number will blink - - blink - - blink ----- pause ---- blink - - blink - - blink - - blink - - blink - - blink, followed by a longer pause before repeating the second-level fault code. The second level fault code will repeat until you stop the display by again depressing the **START** side of the control button, just bump the starter or five minutes again times out.

To learn more, the trouble shooting section begins on page 22 of the Onan Mobile Gen-Set Operator's Manual, while the fault codes begin on page 27.