



Subject: **Interruptible DET-3050-125S (I-161 replaces E-161)**

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Owen is very pleased to offer the new I-161 detonator. This is a modified E-161 (DET-3050-125S) detonator that can now be reliably interrupted for loaded gun transport. With a few modifications to the assembly and the introduction of the new interrupter (INT-3050-125I) a gun can now be transported fully loaded. This is a high temperature HNS detonator and the interrupter is proven to be functional for all types of detonating cord except for PETN. Due to the very sensitive nature of PETN it is still not approved at this time.

As the part number has NOT changed from DET-3050-125S, please note the following differences that can help with identifying the new I-161. Figure 1 is the new interruptible I-161 and Figure 2 is the old E-161 that is NOT interruptible. The biggest difference is that the crimp sleeve is now gold colored and is noticeably longer as seen in Figure 1. The markings on the detonator can also be used to differentiate between the two detonators. The new I-161 has a large "CE" mark as seen in Figure 1. The old E-161 had the detonator part number DET-3050-125S on the shell as well as "E-161" which is not present on the new I-161. The crimp seen on the gold crimp sleeve of the new I-161 shows where the pressed powder stops. This can be helpful when crimping onto detonating cord. The crimp should not be too close to this already present crimp. It is always best to crimp as close to the end of the shell as possible.



Figure 1 - New I-161 Detonator - interruptible



Figure 2 - Old E-161 Detonator - NOT interruptible

Please be sure to identify which detonator you have in your possession. The E-161 cannot be used for loaded gun transport even if someone was to make an interrupter fit into the fluid hole. This is NOT reliable for interrupting a detonation transfer. Please become familiar with the changes and if there is ever a question about which detonator you have, please contact Owen Oil Tools for assistance.

Please refer to the lot date of the product that you have received; the first lot date of the new I-161 is **16AUG11**. Anything after this will be interruptible. Look for the gold colored shell.