

FASTENING SYSTEM ALLOWING COMPONENT REMOVAL AFTER FASTENER SYSTEM FAILURE

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ABSTRACT

A fastening system for attaching a cover to an underground vault having a bolt with threads and a composite fiber reinforced polymer nut having a thread engagement portion extending through the nut which will fail in shear after the bolt is inserted before
10 the nut and bolt seize. The fastening system can also include a nut retainer sized to allow the nut to float within the retainer.

Figure 2