



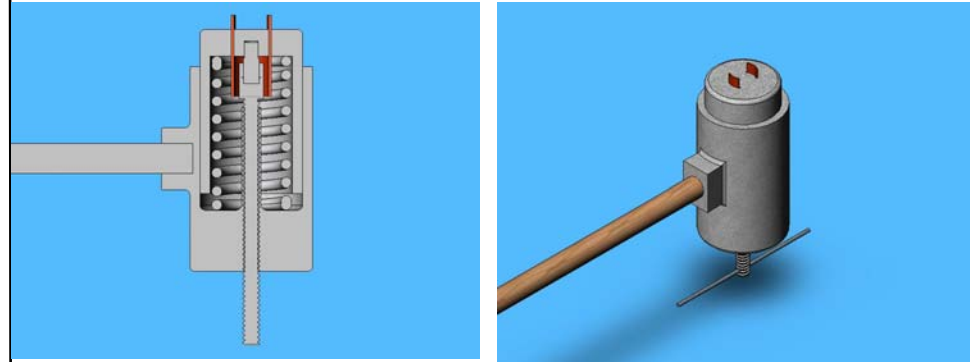
Open Saysame

Challenge 6, Breaching Tool

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DESIGN CONCEPT

- Kinetic energy device
- Stores energy in a compressed spring
- Device is swung at the door like a sledge hammer



DESIGN HIGHLIGHTS

- Reliable spring power
- Repeatable - no consumables
- Totally inert until spring is compressed
- Variable power is possible by not compressing the spring fully.

SOLDIER BENEFITS

- Weighs less than 25 lbs
- Spring power amplifies soldier's effort
- Plan B is to use as a sledge hammer
- The long handle means the operator can stand to the side of the door and be less vulnerable.