BootBanger™

The BootBanger™ is an innovative IED extractor / disruptor used primarily against Vehicle-Borne Improvised Explosive Devices (VBIED). Intended for extracting IED main charges from the load carrying area of a car.

It consists of two containers; a tamper and a projectile, which are fitted together sandwiching the explosive charge. Renowned for it's highly successful performance with the military during operations in Baghdad.

The BootBanger™ has been continually refined to deliver effective results using a minimal explosive load.

The size of a briefcase, BootBanger™ uses a patented technology for producing a shaped-charge effect using sheet explosive or detonating cord for the explosive load to drive a water projectile. All plastic construction produces minimum fragmentation upon firing.

The explosive effect is contained by water on all sides this acts to lower the over-pressure, reduce risk of causing fire, and imparts a higher proportion of explosive energy to the jet.

Features include:

> Highly efficient explosive to water ratio

> Superior engineering to enhance product accuracy

> Easy to load & deploy

> Operationally proven

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WHEN YOU CAN'T AFFORD TO FAIL

Deployment to Target

With a depth of only 110mm, the BootBanger™ can easily be placed under a car even if the car has deflated tyres. Two lugs on each end of the BootBanger™ allow a pa ir of prongs attached to a remotely-operated vehicle (ROV) to carry the product to the target, deposit it and withdraw leaving the charge in place. A carrying handle on the top edge of the product can be used for manual deployment or can be used as an additional deployment mechanism for the ROV.

Placing the charge

Explosive Load & Performance

Explosive used with the BootBanger™ is normally sheet explosive or detonating cord. Using 10g/metre detonating cord, a typical loading might be 250g of explosive. Such a load can been used to remove up to 5 artillery projectiles from the closed boot of a car.
The charge may be stored for extended periods pre-loaded and pre-filled for rapid deployment.

Filling with water

Explosive Effect

When the charge is fired, projected water penetrates the floor or sides of the vehicle ejecting and disrupting any devices or components which may have been located in the load carrying area. Water tamping reduces the overpressure and the explosive charge container itself delivers next to zero fragmentation. The geometry of the charge container is such that it focuses the jet effect directly to the target. The water tamping also suppresses the flash of the explosion , enormously reducing the probability of igniting the vehicle fuel tank.

Loading with sheet explosive

For further information

Contact sales@explosives.net, telephone +44(0)1249 65 1111 or speak to your authorised Alford representative.

Specifications

Size	460 x 340 x 110mm (18 x 13 x 4in)
Weight Full	16kg (35lb) 13.8 L (3.6 gal.) water
NEQ	250g (8.8 oz) single layer of 10g/m detcord 225g (8 oz)/mm of sheet explosive (C1) 450g (16 oz) C2 700g (24 oz) SX4

Note: Multiple layers of sheet explosive can be used to give much heavier loads if required.

Other products to consider:

MiniMod™ DemiMod™ & MajorMod™

- disruption of small and medium IEDs

MLVD™ - large disruptor

Bottler™ - IED disruption tool

Van Trepan™ - EOD access tool

Window Breaker™ - EOD access tool

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