



**WHITE HORSE®**

# **The Boss Box Weapons Clearing Systems**

By  
**White Horse Research & Development**

## **Owner's Manual**

Boss Box 50 (.50 CAL)  
Boss Box SR (Sport Rifle)  
Boss Box HG (Hand Gun)  
Boss Box HGII (Hand Gun)

**READ BEFORE USING**

**White Horse Research & Development  
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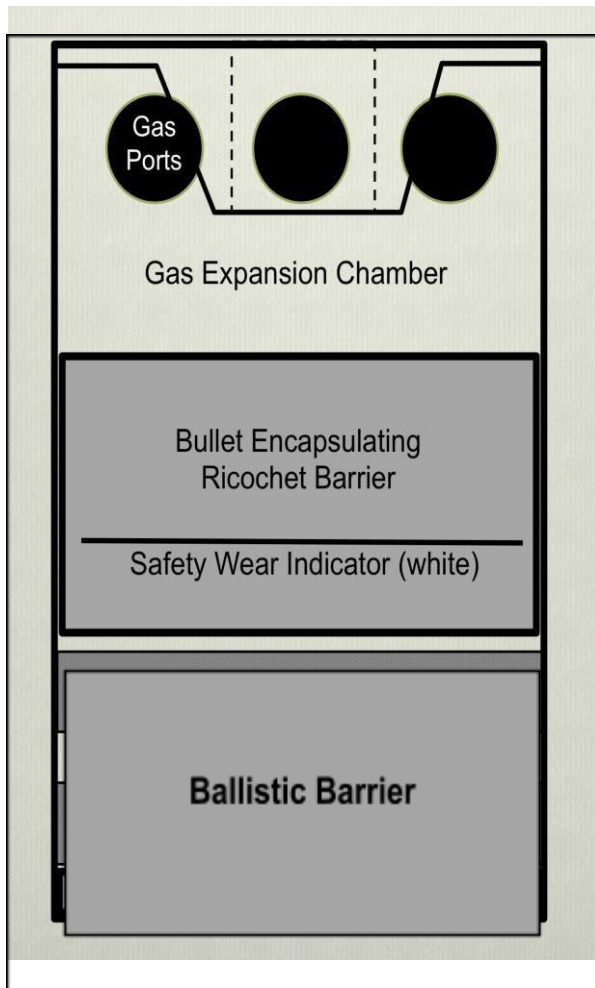
**"Proudly Manufactured in the USA"**

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## Inspections and Warnings:

The following inspections must be accomplished prior to each use of the Boss Box.



- Inspect the Boss Box through the circular opening for debris or protruding captured bullets as these can cause ricochet.
- Inspect for visibility of the **Safety Wear Indicator** through the circular opening. The Safety Wear Indicator is revealed when the material has been reduced by excessive rounds captured. You must discontinue use of the Boss Box if revealed.
- Inspect for signs of *Back Plate* separation or outward dents on the back plate excessive use indicator. You must discontinue use of the Boss Box.
- **DO NOT BLOCK or COVER** the gas exhaust ports. Serious injury could result.
- **DO NOT DISASSEMBLE** the containment chamber. Disassembly will void any warranty and render the system unsafe for use.

- Clean Boss Box externally only with a water dampened cloth. Avoid using any solvents.
- If using the Boss Box as a bench test bullet trap, **minimize the use of hollow point bullets and slower caliber rounds such as .22 caliber.** Hollow point bullets will increase the rate of degradation of the Bullet Encapsulating Ricochet Barrier, as well as, slower caliber rounds such as .22 caliber will not deeply penetrate the Bullet Encapsulating Ricochet Barrier and can cause a ricochet. **Use of these rounds will remove the White Horse claim of stopping hundreds of rounds and thus, not be warrantied for replacement!**
- The Boss Box Weapons Clearing Systems are designed to be used only while **mounted in a White Horse R&D (WHRD) Boss Box Mount** (Wall, Table or Floor Stand). The Boss Box II HG is designed with the mount incorporated. Should WHRD mounts not be utilized, all warranties are void and WHRD is not liable for any damages to property and/or person(s).

## **Introduction**

The use of the Boss Box Weapons Clearing System is to prevent bodily harm to the weapon's handler and/or bystanders due to negligent discharges. The Boss Box is designed to protect and withstand bullet impacts from pistol and rifle ammunition. There are (4) Boss Box models available to support all levels of rounds from handgun and large rifles. These Models are:

### **The Boss Box 50:**

Military Grade, Weapons Clearing System. Guaranteed to stop two .50 caliber armor-piercing rounds. Boss Box

Exceeds UL 752 Level 10

50s can be used as Gun Smith's "Bench Test" bullet stop, successfully stopping hundreds of rounds of varying 7.62, 5.56, 308, 9mm 45, and "00" shotgun rounds.  
Weight 28 pounds. Dimensions: 6" x 6" x 9".

White Horse Research and Development expressly states that the Boss Box 50 must be removed from service after two .50 caliber Armor Piercing impacts.

### **The Boss Box SR:**

The Sport Rifle (SR) Weapons Clearing system. Guaranteed to stop two .30 caliber armor-piercing

Exceeds NIJ Level IV

rounds. Boss Box SRs can be used as Gun Smith's "Bench Test" bullet stop, successfully stopping hundreds of rounds of varying 7.62, 5.56, 308, 9mm 45, and "00" shotgun rounds. Weight 27 pounds. Dimensions: 6" x 6" x 9".

White Horse Research and Development expressly states that the Boss Box SR must be removed from service after two .30 caliber Armor Piercing impacts.

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### **The Boss Box HG:**

The Hand Gun (HG) Weapons Clearing System.

This system was designed for Hand Gun use only.

Exceeds NIJ Level III

Guaranteed to stop two, 308 rounds and all rounds lesser. Boss Box HGs can be used as a Gun Smith's "Bench Test" bullet stop. BBHG successfully stops hundreds of rounds of .380, 9mm, .40, .357sig, 45 acp, 45LC, 44mag, and "00" shotgun rounds. Weight: 22 pounds. Dimensions: 6" x 6" x 9".

White Horse Research and Development expressly states that the Boss Box HG must be removed from service after two .308 caliber impacts.

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### **The Boss Box HG II:**

The Hand Gun II (HGII) Weapons Clearing System.

This system was designed for Hand Gun use only.

Exceeds NIJ Level III

Guaranteed to stop 6 rounds of 5.56 or 7.62x39 or less.

Boss Box HGII's can be used as a Gun Smith's "Bench Test" bullet stop. BBHGII successfully stops hundreds of rounds of .380, 9mm, .40, .357sig, 45 acp, 45LC, 44 mag, and "00" shotgun rounds. Weight 22 pounds. Dimensions: 6" x 6" x 8.26"

## Components

The Boss Box weapons clearing systems components are:

- The Boss Box
- The Mount (Table, Wall, or Floor Stand)

### Table Mount



### Wall Mount



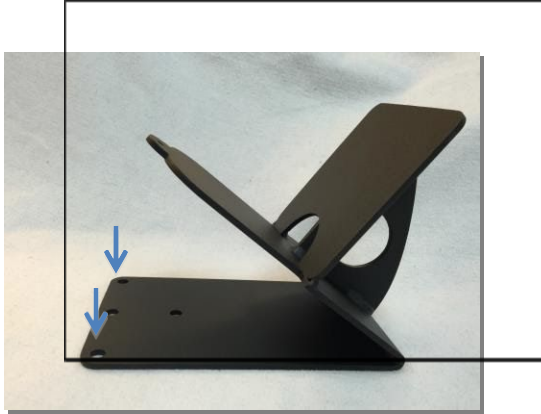
HGI with built-in Table Mount

Floor Stand with Wheels (+ Table Mount included)

## Boss Box Setup and Mounting Instructions

Mount and or assemble the Boss Box Mount to the appropriate surface.

### Table Mount:

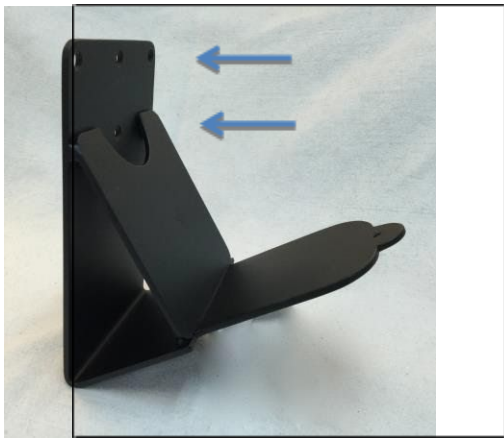


Mount using two 5/16" bolts or screws into the front holes and the mounting surface.



Slide the Boss Box sleeve (on the bottom of the Box) over the mount tongue. **Ensure that the Boss Box is pushed all the way back making contact with the stop plate.**

### Wall Mount:



Mount using two 5/16" Lag Bolts into the 2 center holes and the mounting surface. Must be mounted into material such as a wood wall stud or equally stable material.

## Boss Box Setup and Mounting Instructions cont'd



Slide the Boss Box sleeve (on the bottom of the Box) over the mount tongue. **Ensure that the Boss Box is pushed back all the way, making contact with the stop plate.**

### Floor Stand:



1. Attach wheels to baseplate with (4 ea) of items 1, 2, 3 & 4 on page 8
2. Attach pedestal to baseplate with (3 ea) of items 1, 2, 3 & 5 on page 8
3. Attach Table mount to pedestal with (3 ea) of items 1, 2, 3 & 5 on page 8. (If HGII model - Mount to pedestal with the same hardware.)
4. Slide the Boss Box sleeve onto the Table mount tongue. Then slide down to the mount's stop plate.

## **Wheel Attachment**



Using needle-nose pliers and a wrench, tighten the wheel assembly as shown above

## **Hardware Parts List (Floor Stand Only)**

- 1) **20** - 5/16" Washer
- 2) **10** - 5/16" Lock washer
- 3) **6** - 5/16" Nut, TC 16
- 4) **4** - 2" wheels w/brakes
- 5) **6** - 5/16" Bolts
- 6) **4** - Rubber Pads (Optional for stationary use)



## Usage

- The purpose of the Boss Box Weapons Clearing System is weapons safety. Proper eye protection such as safety glasses should be worn when in use.
- Place the muzzle of the weapon 1" deep into the 2.5" Boss Box opening.
- When utilizing the Boss Box's multiple shot containment capability, perform the following to optimize performance:
- Create a shot log to register shot data for all shots contained in the Boss Box. Collect data for the date, caliber and muzzle placement position in the front 2-1/2" Boss Box opening. Record the placement as a clock position such as; 12, 1, 3, or 6 o'clock. Do this to remember where your last shot was so you can move the next shot to the next position. This will help minimize the wear of the bullet encapsulating ricochet layer.
  - **NOTE:** The shot log will be required to be submitted along with the Boss Box for disposition of any warranty claim.



### **For safety and the best results:**

- **Wear safety glasses.**
- **Avoid hollow point bullets.**
- **Change multiple shot muzzle placement to a different position to minimize the wear of the bullet encapsulating ricochet layer.**

## **Sales and Contact Information:**

Orders for all White Horse Research and Development products can be made via email at: [sales@whitehorserd.com](mailto:sales@whitehorserd.com) or via phone at **(888) 431-9473**.

Custom orders and design-build products can be developed and fabricated for delivery. White Horse Research & Development, Inc. offers products for Ballistic Protection, Blast Mitigation and Ricochet Resistant Targets. Our full line of products can be viewed at [www.whitehorserd.com](http://www.whitehorserd.com)