



TATARGETS

RINGING INNOVATION

MOD 1 PORTABLE BULLET TRAP

ASSEMBLY, OPERATION, MAINTENANCE MANUAL

The image shows a tan-colored MOD 1 Portable Bullet Trap System. It consists of a large, rectangular metal frame with a central panel. The frame is mounted on a circular base with four wheels. A large, tan-colored plastic bucket is positioned in the center of the base, directly under the central panel. The background is a blurred industrial setting.

MOD 1 PORTABLE **BULLET TRAP**

ASSEMBLY, OPERATION, & MAINTENANCE MANUAL

Note: information contained within this manual is copyright of TA Targets (2023). This publication shall not be reproduced or distributed without prior written consent by TA Targets. For information on copyrights or licensing please contact us at info@tatargets.com.

TABLE OF CONTENTS

SECTION 1: GENERAL INSTRUCTIONS, PRECAUTIONS, SAFETY

SECTION 2: SAFETY AND PRECAUTIONS

- 2.1 PPE (PERSONAL PROTECTIVE EQUIPMENT)
- 2.2 OTHER SAFETY CONSIDERATIONS
- 2.3 AVOIDING ACCIDENTS AND INJURIES

SECTION 3: ASSEMBLY OF MOD 1 BULLET TRAP

- 3.1 SHIPMENT/PACKAGING
- 3.2 WHAT IS INCLUDED IN PACKAGING
- 3.3 INSTALLATION OF MOD 1 BULLET TRAP
 - 3.3.1 ASSEMBLY OF UPPER TRAP UNIT
 - 3.3.2 ASSEMBLY/INSTALL OF BASE AND SETUP
 - 3.3.3 CASTER KIT ASSEMBLY AND INSTALL

SECTION 4: USE OF BULLET TRAP & RATINGS

- 4.1 USE CONSIDERATIONS
- 4.2 PROPER CALIBER RATINGS AND DISTANCES
- 4.3 SAFETY CONSIDERATIONS
- 4.4 SAFETY EQUIPMENT REQUIRED
- 4.5 PROPER USE INSIDE BUILDINGS

SECTION 5: MAINTENANCE OF MOD 1 BULLET TRAP SYSTEM

- 5.1 DAILY CLEANING OF BULLET TRAP
- 5.2 EXTENDED INTERVAL CLEANING (HIGH VOLUME ENVIRONMENTS)
- 5.3 FULL REBUILD/CONSUMABLE REPLACEMENT PROCEDURE
- 5.4 INSPECTING CONSUMABLE COMPONENTS
- 5.5 REASSEMBLY OF UPRIGHT ASSEMBLY
- 5.6 FINAL REASSEMBLY
- 5.7 RE-SEALING MOD 1 BULLET TRAP (LEAD CONTAINMENT)

SECTION 6: OUR MISSION, WARRANTY



SECTION 1: GENERAL INSTRUCTIONS, PRECAUTIONS, SAFETY.

Our Mod 1 Bullet Trap is designed to be a premium Bullet Trap that offers longer life and overall better value versus our competitors bullet traps. This Bullet Trap has been designed for use by elite trainers who require a trap that can stand up to high volume use AND be easily serviced in the field as needed.

Getting Assistance:

It is VITALLY important that you FULLY read and understand this ENTIRE document BEFORE attempting to set up or use our MOD 1 Bullet Trap System. While the MOD 1 Bullet Trap is extremely simple to understand, it is still very important that you read and understand all aspects of this system and its design prior to attempting setup or use. Use of Bullet Traps CAN lead to injury or death and for this reason you MUST adhere to the guidance in this manual.

As you read this document: If you have questions or concerns about the system, please contact us at info@tatargets.com and await our instructions. Our team will assist you quickly and help with your questions.

Additional Safety considerations:

We will dive deep into the safety considerations within this manual. With that being said, please UNDERSTAND that this is a premium bullet trap made from premium materials. Nearly the entire trap is made from 3/8" AR550 steel. This means it is HEAVY! Total system weight is approximately 500 pounds. Understand that this system is NOT designed for one or two adults to simply pick up and set up. It WILL require MINIMUM FOUR Adults who have adequate strength and are in good health. Use of equipment (like a forklift by a CERTIFIED operator with OSHA approved training) is the preferred method. If equipment is unavailable, four healthy adults can use the grab handles to set up the bullet trap.



SECTION 2: SAFETY PRECAUTIONS

2.1 PERSONAL PROTECTIVE EQUIPMENT (PPE)



While the MOD 1 Bullet Trap is brand new and un-used, there will be no lead particulates present. With that being said, ALWAYS assume you will be exposed to lead particulates while using or maintaining the MOD 1 Bullet Trap. PPE must be used such as:

- Lead protective suits and respirators (approved suits, approved respirators, gloves)
- Steel Toe shoes while assembling or maintaining
- Gloves must be worn to reduce finger and hand injuries or pinching
- Eye Protection MUST ALWAYS be worn while assembling, maintaining or using the MOD1 Bullet Trap.
- Hearing Protection must always be worn while using or assembling/maintaining the MOD 1 Bullet Trap

SECTION 2.2 OTHER SAFETY CONSIDERATIONS

Heavy lifting is required while installing the MOD 1 Bullet Trap, especially for the first time.

PEOPLE WITH BACK INJURIES OR PHYSICAL LIMITATIONS ARE NOT TO BE PERMITTED IN ASSISTING WITH INITIAL SETUP AND INSTALLATION OF BULLET TRAP!

Component Weights:

- Assembled upper bullet trap assembly: Approximately 340 pounds with rubber (replacement rubber panel is approximately 90 Pounds)
- Round Base with Casters: Approximately 85 Pounds Assembled
- Armored Posts: Approximately 25 Pounds each

Total system weight is approximately 500 pounds!

When installing system for the first time FOUR adults should be used, one at each corner of the MOD 1 trap. We suggest a fifth person to install the bolts and pins while four others hold the upper assembly to the posts.

SECTION 2.3 AVOIDING ACCIDENTS AND INJURIES

Accidents and injuries can occur and common sense and proper procedure will reduce the risk of accidents.

- 1.) When lifting, use proper techniques
- 2.) Use multiple adults when installing MOD 1 Bullet Trap onto posts and base
- 3.) Ensure no person is EVER Under ANY Component of the MOD 1 Bullet Trap
- 4.) Keep feet out from under ANY component of the MOD 1 Bullet Trap at ALL TIMES!
- 5.) If equipment is used, PROPER strapping MUST be adhered to. IT IS YOUR RESPONSIBILITY TO ENSURE MOD 1 IS SECURE. ONLY LIFT FROM TOP GRAB HANDLES!!!
- 6.) NEVER assume the bolts are secured properly. Check and have a second person DOUBLE CHECK.
- 7.) NEVER LIFT MOD 1 TRAP WITH EQUIPMENT WHILE THE BASE IS INSTALLED. BASE WILL FALL OFF POSTS AND COULD CAUSE SERIOUS INJURY! IT IS ONLY ACCEPTABLE TO LIFT THE UPPER ASSEMBLED UNIT OF THE TRAP ALONE, NEVER WITH POSTS OR BASE INSTALLED. SERIOUS INJURY COULD OCCUR.
- 8.) ALWAYS use caution while wheeling the trap. Debris, harsh slopes, or floor hazards can cause tip overs.



SECTION 3: ASSEMBLY OF MOD 1 BULLET TRAP

3.1 SHIPMENT/PACKAGING

The MOD 1 Bullet Trap will ship via LTL Freight OR Truckload Shipping Services. Typically our team will pack ONE COMPLETE MOD 1 PER Skid. Armored posts are typically NOT installed. Base IS typically installed with casters if the wheel kit is ordered. Packaging MAY Vary based on location and customer needs.



SECTION 3.2 WHAT IS INCLUDED IN PACKAGING

For EACH MOD 1 Bullet Trap ordered, you will receive the following:

(one) - Upper Bullet Trap Assembly (Pre Assembled) (P/N: BT-38-MOD1-UA)

- Ballistic Rubber Panel (P/N: BT-MOD1-RB) PRE-INSTALLED

- AR550 Strike Plate (P/N: BT-38-MOD1-SP) PRE-INSTALLED

(If 1/2" Strike plate is selected part number BT-12-MOD1-SP will be installed)

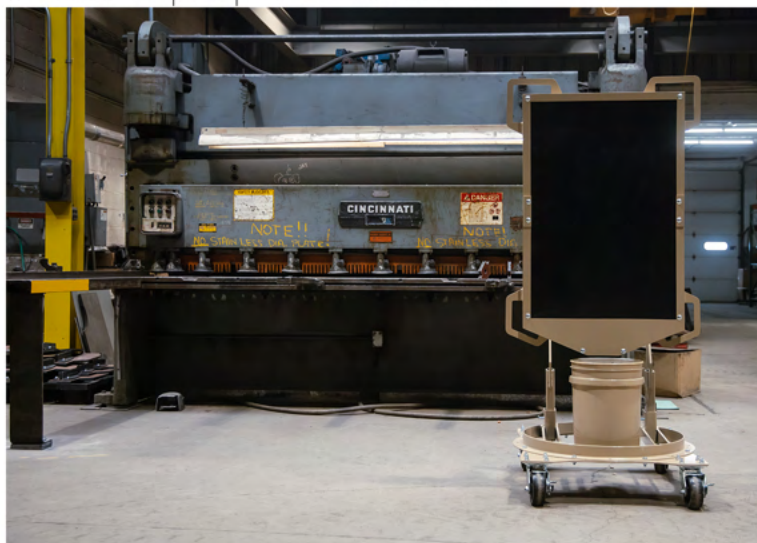
(one) - Double Base with (2) tubes for post installation

- (OPTIONAL): Caster Kit W/Mounts (P/N: BT-38-MOD1-CWK)

(2) - 3/8" AR500 Adjustable Armored Posts (shipped loose) *We recommend using The armored posts on the LOWEST setting for MAXIMUM stability.

*Armored posts will need to be bolted together prior to assembly. BE SURE BOLTS ARE FULLY TIGHTENED AND POST COMPONENTS ARE SQUARE/STRAIGHT. Refer to separate Armored Post instructions for full information.

For complete list of consumable and replacement parts see back of manual or our website or feel free to contact us.





SECTION 3: ASSEMBLY OF MOD 1 BULLET TRAP

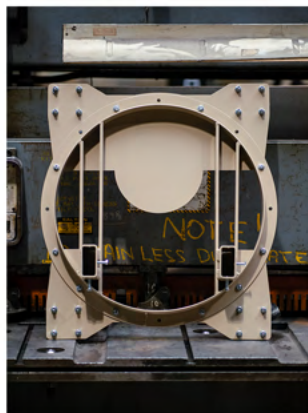
3.3 SETUP/INSTALLATION OF MOD 1 BULLET TRAP

TOOLS REQUIRED: IMPACT WRENCH, 1 1/8" SOCKET, 1 1/8" OPEN END WRENCH

HARDWARE: EACH TRAP USES (2) THUMBSCREWS IN BASE (FOR TIGHTENING POSTS IN BASE)

EACH UPRIGHT ASSEMBLY IS FASTENED WITH (2) 1/2" CLEVIS PINS AND CLIPS, (2) 3/4" NUTS AND BOLTS

Because of its simple design, setting up the MOD 1 Bullet trap is very straight forward. The first step will be setting up the bases and posts for the traps. We highly recommend placing the bases in their permanent home at this point if your traps were not ordered with the caster kit. If you ordered your trap with the Caster Kit, your caster plates are already installed in your Double 26" Base. Casters may need bolted onto plates.



CAREFULLY unpack EACH skid and assemble each bullet trap. Remove the base, then remove the boxes containing the hardware and adjustable armored posts. Inventory ALL parts prior to starting assembly. EACH skid will contain the following:

- 1.) Pre-assembled double base WITH casters installed (unless otherwise specified by customer)
- 2.) Assembled UPPER assembly (welded upper body, strike plate, and rubber all pre-assembled)
- 3.) Armored post components. Enough to assemble TWO adjustable armored posts.
*Note: Armored posts WILL need to be assembled during install process. PLEASE follow supplemental Armored post instructions.
- 4.) (2) 3/4" A325 bolts and nuts for pivot lock.
- 5.) (2) 1/2" X 2" Clevis pins WITH hairpin clips for post mounting.

Please Note: Extreme care is taken to ensure safe travel of bullet traps during transit. Some blemishes may be present depending on how the carrier handled the traps. If the traps appear to have STRUCTURAL damage, reject the entire shipment and send back to our facility.



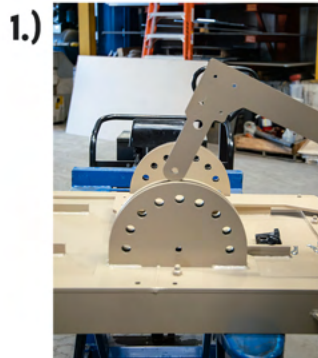
SECTION 3: ASSEMBLY OF MOD 1 BULLET TRAP

3.3.1 SETUP/INSTALLATION OF MOD 1 BULLET TRAP CONTINUED

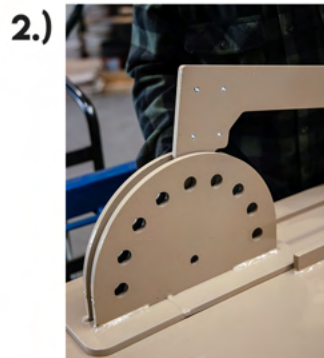
3-4 people are recommended for this step. Have 1-2 people support the bullet trap upright while another person removes the bolts holding the gussets together. At this point, all four people can lift the upright straight off the skid. The bullet trap should remain parallel to the ground like a table top. We recommend laying the Welded upper unit on a skid jack or flat on the ground.



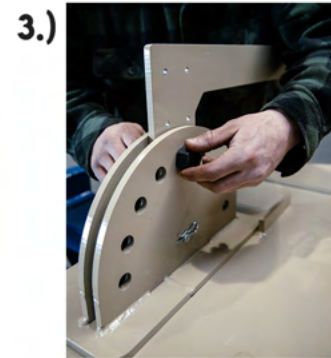
A PALLET JACK IS RECOMENDED FOR SAFETY AND EASE BUT IS NOT REQUIRED. THIS PROCESS CAN BE DONE ON FLAT GROUND AS WELL.



1.) Take both armored posts and slide into position inside both of the side gussets.



2.) Line small hole on post with smallest hole on gussets.



3.) The small hole receives one 1/2" Clevis pin and clip. Large Hole utilizes a 3/4" bolt and nut

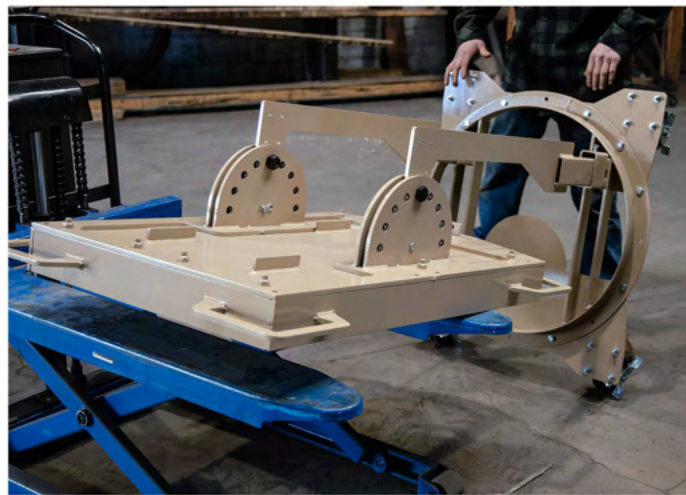


At this point the upper assembly should be laying flat on the skid jack or ground. If the upper assembly is flat on the ground, the posts should be adjusted to a steeper upward angle instead of the 90 degree setting as shown. This is to allow proper clearance for the next step of assembly.

SECTION 3: ASSEMBLY OF MOD 1 BULLET TRAP

3.3.2 SETUP/INSTALLATION OF MOD 1 BULLET TRAP CONTINUED

The last step will be installing the base onto the posts that you just installed into the welded trap upright assembly. Carefully lift the double 26" base up and line up both posts with the openings on the base. We recommend using at least two people for this task. The Double 26" base is HEAVY. Once base is in place, tighten the hex bolts in the 26" base HAND TIGHT until the tubes of the posts are pushed all the way forward against the receiving tubes. DO NOT OVER TIGHTEN or you will strip the threads. These bolts do not need excessive force. Tighten until post is all the way forward and then stop.

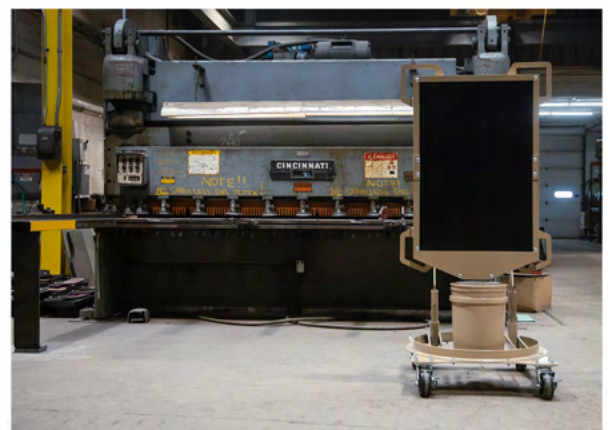


CASTERS SHOULD BE LOCKED BEFORE PERFORMING NEXT STEP!



Utilizing 2-3 people lift the assembled Bullet Trap into its upright position. Casters **MUST** be locked prior to attempting this step or the base could roll and injure someone. We recommend at least 3 people. Remember: This assembled Bullet Trap is extremely heavy. Use caution and proper lifting techniques!

NOTE THE BASE ORIENTATION. IF BASE IS INSTALLED BACKWARDS IT WILL CREATE AN UNSTABLE BULLET TRAP SYSTEM!

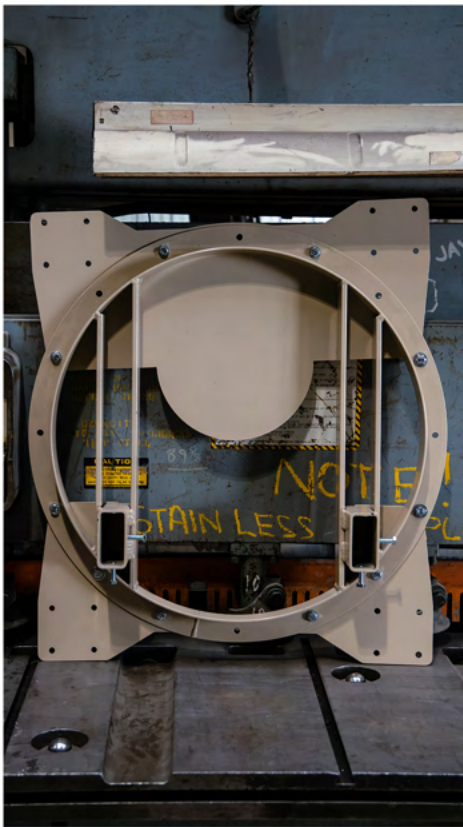




SECTION 3: ASSEMBLY OF MOD 1 BULLET TRAP

3.3.3 SETUP/INSTALLATION OF MOD 1 BULLET TRAP CONTINUED

Some customers may opt to purchase the MOD 1 Bullet Trap without casters and later decide to add casters. Further, some customer shipments may have special requirements that require us to ship the casters and wheel kit separate. In these situations, if a customer wishes to add casters, the wheel kit will need to be installed. This is a very simple process but does require some basic hand tools.



NOTE THE ORIENTATION OF THE CASTER PLATES. THE FRONT PLATE IS ALL ONE PIECE. CENTER ON BASE AND FIT FOUR 3/8" BOLTS W/NUTS AND WASHERS INTO THIS COMPONENT. THE REAR PLATES ARE INSTALLED AS SHOWN AND SHOULD RECEIVE THREE BOLTS EACH. THESE PLATES PROVIDE COVERING FOR THE POST RECEIVER TUBES. THIS IS WHAT THE ARMORED POSTS SIT AGAINST WHEN INSTALLED INTO THE TUBES.



Proper rear plate orientation covering post tube.



Do not use washers at this location for casters. They will interfere with caster operation.

All bolts should be tightened with tools to approximately 25 ft/lbs. Hand tightening is not acceptable. Note how there are no washers for the caster bolts themselves on the bottom. Washers in this location would interfere with the function of the casters. Only install washers at opposite side of casters. All other locations receive washers on both sides of bolt.

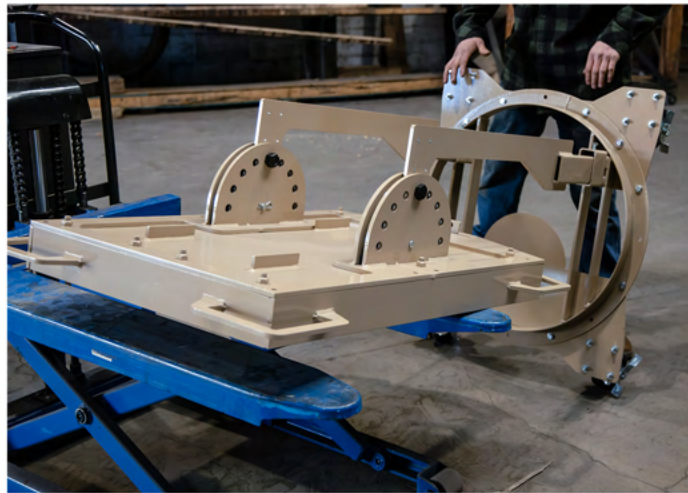




SECTION 3: ASSEMBLY OF MOD 1 BULLET TRAP

3.3.2 SETUP/INSTALLATION OF MOD 1 BULLET TRAP CONTINUED

The last step will be installing the base onto the posts that you just installed into the welded trap upright assembly. Carefully lift the double 26" base up and line up both posts with the openings on the base. We recommend using at least two people for this task. The Double 26" base is HEAVY. Once base is in place, tighten the hex bolts in the 26" base HAND TIGHT until the tubes of the posts are pushed all the way forward against the receiving tubes. DO NOT OVER TIGHTEN or you will strip the threads. These bolts do not need excessive force. Tighten until post is all the way forward and then stop.



CASTERS SHOULD BE LOCKED BEFORE PERFORMING NEXT STEP!



Utilizing 2-3 people lift the assembled Bullet Trap into its upright position. Casters **MUST** be locked prior to attempting this step or the base could roll and injure someone. We recommend at least 3 people. Remember: This assembled Bullet Trap is extremely heavy. Use caution and proper lifting techniques!

NOTE THE BASE ORIENTATION. IF BASE IS INSTALLED BACKWARDS IT WILL CREATE AN UNSTABLE BULLET TRAP SYSTEM!





SECTION 4: USE OF BULLET TRAP AND RATINGS

4.1 USE CONSIDERATIONS

The MOD 1 Bullet Trap has been designed to be a highly refined system for customers who need a portable solution for capturing bullets. Consider using our MOD 1 Bullet Traps for the following reasons:

- Mitigation of "hot spots" (weakened areas of indoor ranges or shoot houses)
- Protection of new ranges and wall baffels (extending your investment)
- Customize your indoor range with easily changed layouts
- Further increase the safety of your indoor range.
- The MOD 1 Bullet Trap is designed to be adaptable to even unconventional engagement angles.





SECTION 4: USE OF BULLET TRAP AND RATINGS

4.2 PROPER CALIBER RATINGS AND DISTANCES

The MOD 1 was designed for the following calibers and distances:

- Centerfire Handguns: 7 Yards W/FMJ Ammo
- Light Carbines (5.56 NATO, 300 BLK, 7.62x39 ETC): 10 Yards W/FMJ AMMO
- 308 Winchester: 20 Yards Minium W/FMJ AMMO (accelerated wear and tear will occur)
 - *If large calibers are used at close distances, wear and tear will occur and maintenance intervals will be substantially shorter*
- Magnum Calibers: Not recommended. (for special military or LEO circumstances, please contact us prior to using or ordering)

NOTE: WE DO NOT RECOMMEND USING AMMO OR CALIBERS WITH A VELOCITY OF OVER 3300 FPS ON THIS TRAP. WE RECOMMEND USING AMMO 3,000 FPS OR LESS FOR MAXIMUM LIFE EXPECTANCY OF WEAR PARTS. NEVER USE TRACERS OR ARMOR PIERCING OR PENETRATOR AMMUNITION. HOLLOW POINT EXPANDING AMMO WILL CAUSE MORE RUBBER WEAR.

4.3 SAFETY CONSIDERATIONS

Anytime a firearm is fired, the user is exposed to lead. While using our MOD 1 Bullet Trap users should understand lead exposure and steps to take to mitigate exposure. For maximum safety and reduction of lead exposure, bullet trap should undergo daily servicing. If Bullet Trap is used for extended periods of time without proper maintenance, higher levels of lead dust escaping the unit will occur.

4.4 SAFETY EQUIPMENT

Shooters engaging the MOD 1 Bullet Trap are required to wear eye and ear protection at all times. We HIGHLY recommend wearing an approved respirator at all times while engaging in ANY shooting activities, even if adequate ventilation is provided at indoor range.

While Servicing the unit and cleaning, users MUST wear approved respirator, lead resistant suit and/or clothing and gloves. Lead MUST be disposed of in an approved manner in accordance to your local law. TA Targets does NOT provide lead reclamation services, this is the responsibility of the customer to dispose of lead at approved recycler in a manner in accordance to local, state, and federal laws.



SECTION 4: USE OF BULLET TRAP AND RATINGS

4.5 PROPER USE INSIDE OF OR OUTSIDE OF A BUILDING

The MOD 1 Bullet Trap is ONLY to be used in proper locations. This trap is NOT designed to be protective armor and should not be used as personal armor. Proper Locations are as follows:

- Indoor Ranges with proper ventilation systems in place
 - Do not place traps in areas where a miss or pass through of the system will result in bullet leaving the facility. There should ALWAYS be a backstop to catch missed rounds or pass throughs if there is a failure of the system.
- Outdoor Ranges with proper backstops in place to catch misses or pass throughs

DO NOT:

- Place Bullet Trap in front of a window or wall that is not rated to stop missed rounds
- Use MOD 1 Bullet Trap as armor. It is NOT designed for use as life saving armor!
- Use MOD 1 Bullet Trap in areas without proper ventilation that has been designed to remove lead particulates from the air. Shooting MOD 1 Bullet traps will expose shooters to lead, shooting without ventilation is not acceptable.

LEAN ANGLE: The MOD 1 Bullet Trap is unique because of its adjustable lean design. This Effectively enables the MOD 1 to be used in a host of different scenarios where a traditional bullet trap may not be able to be used. To adjust the bullet trap, remove the two 3/4" bolts and rotate to desired setting. This will require two people to adjust angle. Ensure the trap is stable and casters are locked before engaging Bullet Trap.

A few circumstances that require angle changes:

- Engaging MOD 1 Bullet Trap in a stadium setting (high elevation shooting into field)
- Engaging MOD 1 Bullet Trap while descending stairs (high elevation, shooting down)
- Engaging MOD 1 Bullet Trap while ascending stairs (low elevation, shooting up)

***NOTE: Caution MUST be used while shooting UP staircases. Ceiling MUST be properly designed to capture missed rounds to avoid serious safety concerns.

***PRO TIP: THE ANGLE SETTING SHOULD ALWAYS PLACE BULLET IMPACT PERPENDICULAR TO MUZZLE. ON FLAT SURFACES WHERE SHOOTER ENGAGES FLAT ONTO THE TRAP, THE TRAP SHOULD BE PERPENDICULAR TO THE GROUND.**



SECTION 5: MAINTENANCE OF MOD 1 BULLET TRAP

5.1 DAILY CLEANING OF BULLET TRAP

THE MOD 1 BULLET TRAP SHOULD RECEIVE DAILY CLEANING UNDER NORMAL SHOOTING CONDITIONS. FOR ULTRA-HIGH VOLUME RANGES, CLEANING FREQUENCY MAY BE HIGHER. FOR THE HIGHEST VOLUME RANGES EXTENDED INTERVAL CLEANING MAY BE REQUIRED AS SHOWN IN SECTION 5.2.

Under normal conditions users will simply need to empty the trap via the slide gate at bottom of funnel once per day. Doing this lessens the chance of lead clogging inside the trap, so frequent emptying is required. Place bucket under bullet trap on caster base (if purchased with wheel kit) or place on the ground between the base cross members. Simply remove the clevis pin and clip from the slide gate at rear of the Bullet Trap and slide gate out as shown below:



The Slide Gate is custom fitted for each Bullet Trap. It is highly recommended that users keep the gate with the correct trap. The slide gate is a tight fit to reduce lead dust escaping the trap assembly. It may require some force to remove from the trap, especially during the first cleaning. This is because of the paint on the paddle and it will loosen over time. Extended cleaning intervals will also make gate removal more difficult. Lead and jackets will drop into the bucket below for proper disposal.

***TIP: SOME LEAD AND DEBRIS MAY BE CAPTURED IN UPPER PORTIONS OF THE TRAP. USE THE GATE PADDLE TO TAP ON THE BACK OF THE TRAP TO HELP CAPTURED LEAD FALL TO THE BOTTOM OF THE FUNNEL AND INTO THE BUCKET.**



PLEASE NOTE: FEDERAL AND STATE LAW REGULATES DISPOSAL OF LEAD. IT IS YOUR RESPONSIBILITY TO DISPOSE OF LEAD WITHIN THE LAW. CONTACT PROPER GOVERNMENT DEPARTMENT IF QUESTIONS EXIST.



SECTION 5: MAINTENANCE OF MOD 1 BULLET TRAP

5.2 EXTENDED INTERVAL CLEANING

MOD 1 BULLET TRAP WILL PERIODICALLY REQUIRE A COMPLETE UPPER ASSEMBLY TEAR DOWN FOR MAINTENANCE. INTERVAL WITH MODERATE USE SHOULD BE QUARTERLY. LARGER FACILITIES MAY NEED TO PERFORM COMPLETE MAINTENANCE MONTHLY.

The MOD 1 Bullet Trap is unique in the aspect that it is fully user serviceable without ever removing the upper assembly from the posts. In the event that there is a clog in the funnel or excess buildup, the lower portion of the front frame (HIGHLIGHTED BELOW) can be unbolted and removed. At this point the rubber can stay in its position and the clog can be removed and cleaned. Further steps are necessary if buildup has occurred further up in the trap.



PLEASE NOTE: FEDERAL AND STATE LAW REGULATES DISPOSAL OF LEAD. IT IS YOUR RESPONSIBILITY TO DISPOSE OF LEAD WITHIN THE LAW. CONTACT PROPER GOVERNMENT DEPARTMENT IF QUESTIONS EXIST.



SECTION 5: MAINTENANCE OF MOD 1 BULLET TRAP

5.3 FULL REBUILD/CONSUMABLE REPLACEMENT PROCEDURE

THE RUBBER PANEL AND STRIKE PLATE ARE CONSUMABLE ITEMS THAT WILL WEAR OUT OVER TIME. THE MOD 1 BULLET TRAP IS DESIGNED IN A WAY THAT ALLOWS FULL SERVICING WITHOUT REMOVAL FROM THE STEEL UPRIGHT POSTS.

Two people are recommended for this step. While supporting the welded upper assemble, remove the two 3/4" nuts and bolts. Leave the 1/2" pins and clips in place. ENSURE THE 1/2" PINS ARE SECURE BEFORE REMOVING THE 3/4" BOLTS!!! Rotate the entire upper assembly so it is now parallel to the ground. Re-install the 3/4" bolts, tighten the nuts hand tight for now.



REMOVE all perimeter 3/8" carriage bolts from assembly as shown in lower right image above. At this point the upper frame and lower frame covers can be removed. At this point the ballistic panel can be removed for replacement. This is when the strike plate should be inspected and replaced if necessary.



Inside strike plate shown. Inspect for wear and replace if pitting is larger than 3/16" diameter and deeper than 1/8". Replacement is also required if spacer bars show signs of substantial wear and tear. Remove perimeter bolts to replace strike plate. NOTE how the strike plate has 3M sealant on the side mating the welded upright. Replacement strike plates include new sealant tape.



SECTION 5: MAINTENANCE OF MOD 1 BULLET TRAP

5.4 INSPECTION OF CONSUMABLE COMPONENTS

THE BALLISTIC RUBBER PANEL AND STRIKE PLATE ARE CONSUMABLE. USERS SHOULD PAY CLOSE ATTENTION TO THEIR CONDITION AND MUST REPLACE IMMEDIATELY WHEN SERVICE LIFE IS MET.

Ballistic rubber panels will last thousands of rounds under normal circumstances. If Holes begin to form on the front that are 1" diameter or larger, it is time to replace the ballistic rubber panel. NOTE: Panel is sealed from factory to front frame with urethane. User may need to use razor to cut this sealant before tearing down upright unit. Follow procedure shown in 5.3. Strike plate should be replaced when curving occurs or dimples that are 3/16" in diameter and 1/8" depth are forming. Risk of pasthrough exists if strike plate is not replaced at proper intervals.

5.5 REINSTALLATION OF UPRIGHT ASSEMBLY

Re-assembly is the opposite process as shown in 5.3. Users should note that the unit has several areas of sealant tape that **MUST** be replaced when a complete service is performed. 3M tape has been applied from factory on the perimeter of the strike plate as well as between the top and bottom frames and body of the welded upright assembly. Failure to reseal the trap will result in excess lead dust escaping the unit.



3M tape should be reapplied to the upper assembly along all mating surfaces as shown. we include replacement tape with replacement rubber panels and strike plates. Contact us if more tape is needed.



SECTION 5: MAINTENANCE OF MOD 1 BULLET TRAP

5.6 FINAL RE-ASSEMBLY

Once strike plate is re-assembled and upper assembly has had new 3M sealant tape applied, it is time to install the new ballistic rubber panel.



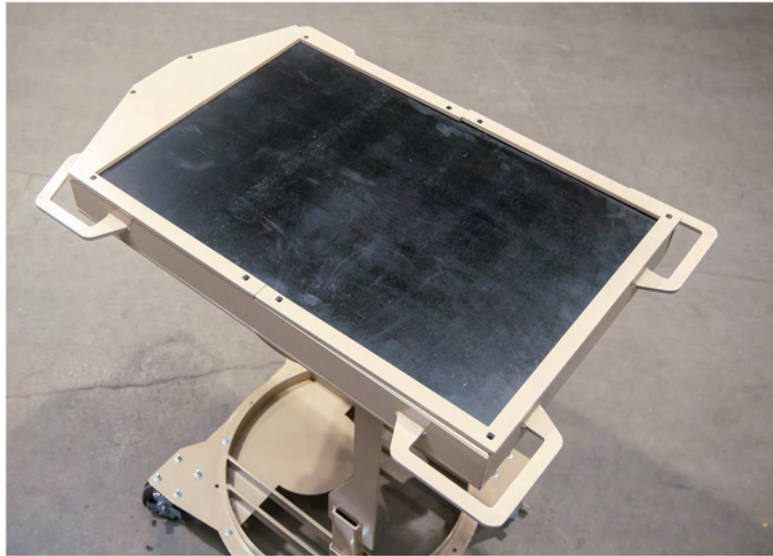
Note on right image how the ballistic panel is TIGHT against the bottom of the trap and there is EQUAL space on either side. This is the correct installation. This MUST be followed for proper performance of trap. .



SECTION 5: MAINTENANCE OF MOD 1 BULLET TRAP

5.6.1 FINAL RE-ASSEMBLY

After the panel is in place the front frames need re-installed.



Gently lay the front frames onto the trap as shown. Install all perimeter carriage bolts and loosely install nuts.



With bolts loose, ensure lower frame is properly installed. Image left shows improper positioning. Slide the lower frame so the rubber panel and top of funnel are covered. Snug the nuts up once proper alignment is achieved on bottom frame. Then move onto upper frame and hand tighten nuts.

***DO NOT OVER TIGHTEN NUTS ON FRAME PERIMETER. 10-15 FT/LBS IS ALL THAT IS NECESSARY FOR PROPER RE-ASSEMBLY. OVERTIGHTENING WILL DAMAGE FRONT FRAME PIECES AND WILL INHIBIT PROPER FITMENT AND SEAL AGAINST THE RUBBER BALLISTIC PANEL.**



SECTION 5: MAINTENANCE OF MOD 1 BULLET TRAP

5.7 RESEALING RUBBER PANEL

Included with rubber panels is one tube of Urethane for every two panels. Urethane Must be used to reseal the front of the rubber panel to the steel frame. This limits lead dust from escaping through imperfections in the rubber panel or frame.



Apply 3/16" bead of continuous urethane with a culk gun along perimeter as shown in above image.

***DO NOT PLACE URETHANE BETWEEN BOLTED STEEL PIECES. URETHANE IS ONLY REQUIRED ALONG INSIDER PERIMETER AROUND RUBBER BALLISTIC PANEL.**



SECTION 6: OUR MISSION & WARRANTY

Our mission is to equip citizens with tools and training aids that will assist them in training to become better prepared to defend life. From elite fighters to everyday citizens, this mission is equally important. Defending freedom and ensuring liberty are the responsibility of all citizens. Our mission is to empower the citizenry to train to the highest standards possible. Our equipment and systems aid in that mission.

WARRANTY:

We stand by our products. Our team will not release a product we feel will not perform to our acceptable standards. We also stand by our customers and if we mess up, we fix it. With that being said, The MOD 1 Bullet Trap does have several components that are wear items that will need to be replaced as needed during normal use of the system. Here is a quick rundown of what's covered under warranty with the MOD 1 Bullet Trap.

WHAT IS COVERED UNDER WARRANTY:

- **WELDS. IF A WELD BREAKS AND IT RESULTS IN A FAILURE OF THE SYSTEM. WE WILL REPLACE THE ITEM OR COMPONENT.**
- **HARDWARE. IF THERE IS A HARDWARE DEFECT THAT WE DID NOT CATCH BEFORE SHIPPING, WE WILL SEND NEW HARDWARE**
- **PREMATURE PASSTHROUGH. IF WITHIN 1,000 ROUNDS OF PROPER AMMO THERE IS A PASSTHROUGH ON THE STRIKE PLATE, WE WILL SEND A NEW STRIKE PLATE.**
- **FAULTY COMPONENTS UPON RECEIPT. IF SOMETHING IS WRONG AND WE DID NOT CATCH IT, WE'LL GET YOU FIXED UP. CONTACT US AT INFO@TATARGETS.COM.**

WHAT IS NOT COVERED UNDER WARRANTY:

- **NORMAL WEAR AND TEAR (PAINT CHIPPING, HARDWARE THAT HAS BEEN SHOT, WEAR ITEMS THAT WEAR OUT OVER TIME AND NEED REPLACED, ETC.)**
- **BALLISTIC RUBBER PANEL (CONSUMABLE ITEM)**
- **STRIKE PLATE (CONSUMABLE ITEM) UNLESS PREMATURE PASSTHROUGH OR FAILURE HAS OCCURRED**
- **BULLET DAMAGE TO BASE (NOT INTENDED TO BE SHOT AT)**
- **MISUSE OF BULLET TRAP, IMPROPER AMMUNITION, LACK OF MAINTENANCE, IMPROPER SETUP OR ASSEMBLY**

Full warranty details can be found on our website. For best results with your bullet trap and best chance to avoid non-warrantied damage please contact us prior to shooting and engaging traps IF you have questions about the system.

