



TA Targets Genesis System



The Genesis Family of targets are American manufactured AR500 target systems that serves as the gateway to get into steel target shooting. The Genesis line is available with a multitude of different target plate shapes and sizes. Installation of each plate is identical, and recommended calibers and distances are the same, regardless of the shape of the plate. **BEFORE SHOOTING: FULLY READ THIS MANUAL AND THE INCLUDED SAFE SHOOTING PAMPHLET WE INCLUDE WITH EACH SHIPMENT. ADDITIONALLY, READ THE STICKER ON THE BACK OF YOUR TARGET PLATE PRIOR TO SHOOTING. ALWAYS OBEY OUR SAFETY REQUIREMENTS. UNDER NO CIRCUMSTANCES SHOULD YOU ALTER OR MISUSE YOUR SYSTEMS. ALWAYS WEAR APPROVED HEARING AND SAFETY GEAR WHENEVER HANDLING A FIREARM.** As always, if you have ANY questions, please contact us via email **PRIOR** to using our products. The Customer Service email is info@tatargets.com. You may also call 1-833-746-4785 M-F during business hours. If questions **EVER** exist, cease use of your target until we can address your questions and/or concerns.

***BEFORE YOU BEGIN:** The Genesis line of targets features **DIFFERENT** caliber and distance ratings than our Exodus Line of Targets (A-DAP Systems, Vital Zones, VTAR Poppers,

Phoenix, Falling Tree, Dueling Trees, Etc.). It is **CRITICALLY** important to follow our requirements. **NEVER ENGAGE WITH IMPROPER AMMUNITION OR AT CLOSER DISTANCES THAN SHOWN ON OUR SAFETY DOCUMENTATION FOR THE GENESIS SYSTEMS.**

****Lost Components:** During setup, tear-down and transport it is extremely important to make sure you do not lose any of your hardware or components. Always be mindful of how and where you tear down your base to reduce the risk of losing hardware or components.

A complete Genesis system will consist of the following components:

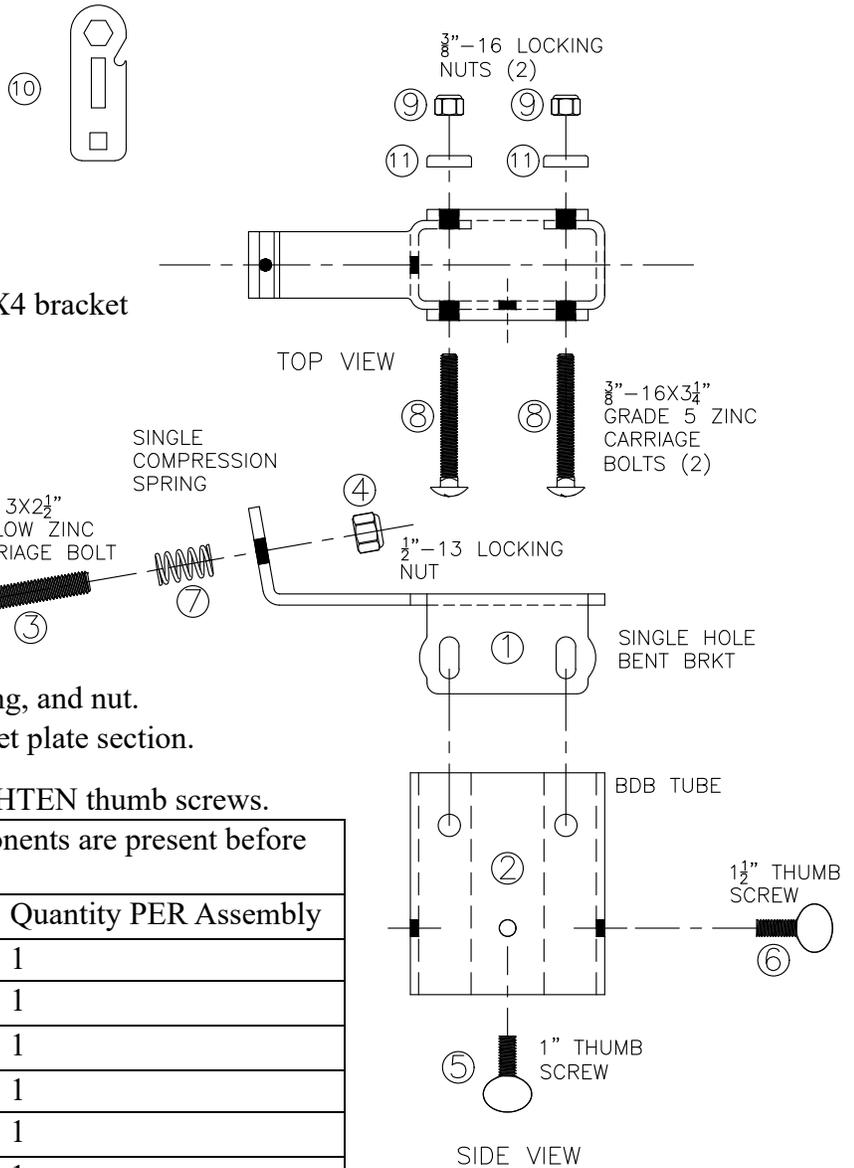
- Single Hole Top Bracket (With all necessary hardware, powder coated Grey Beige)
- ARK Base (With all necessary hardware, powder coated Grey Beige)
- Gong (Shape and size depends on YOUR order) (Powder Coated Mineral Bronze)

Please read each individual section of this instruction manual to understand assembly, use and maintenance of each component

I.) Single Hole Top Bracket:

Note: The Single Hole Top Bracket (SKU: 2X4-SH-BRKT) Ships bolted together.

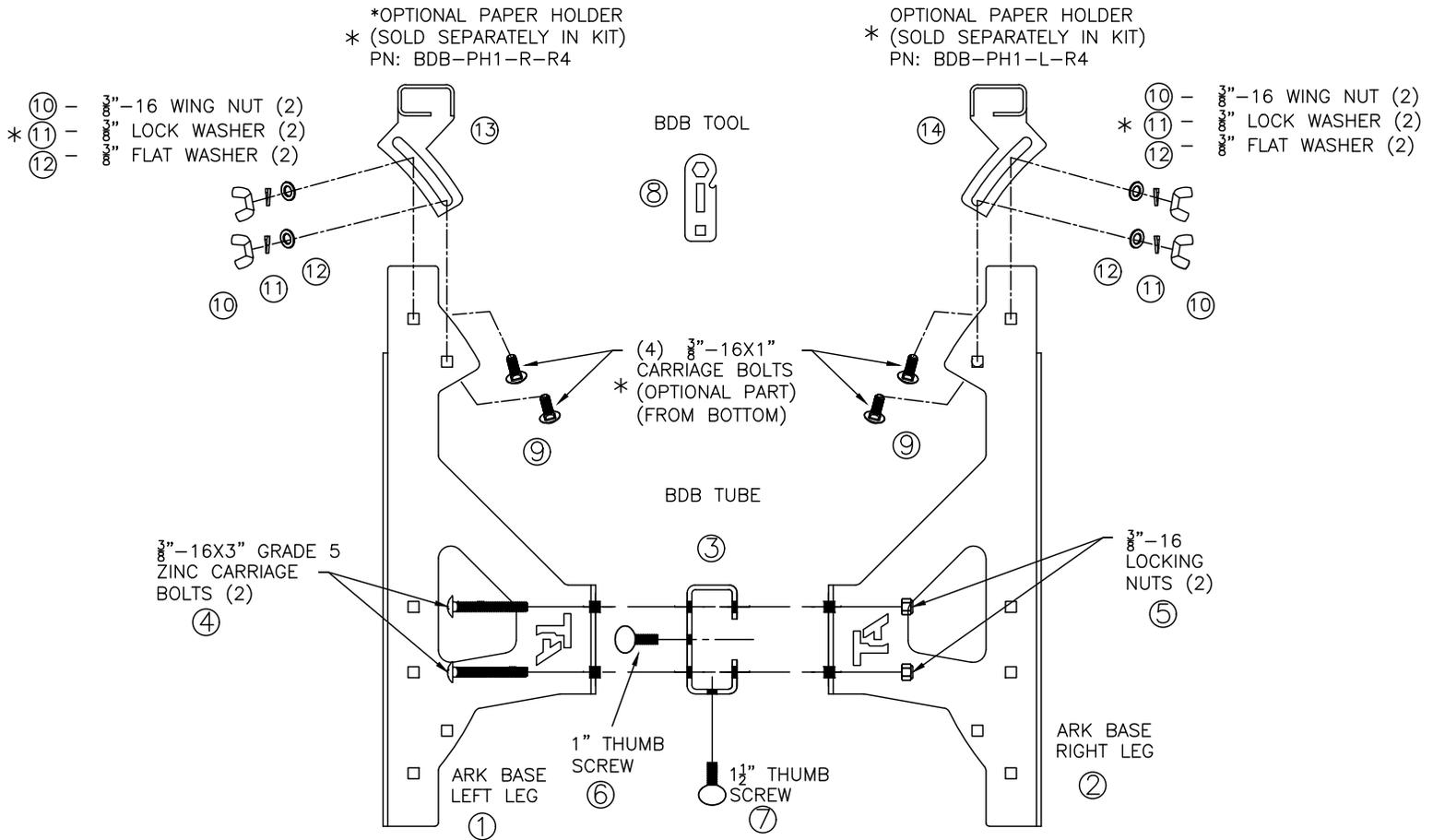
- 1.) Verify all components are present.
- 2.) Slip Single Hole Bracket OVER 2X4 bracket as shown in diagram (#1 & #2)
- 3.) Insert 3/8" Carriage bolts (#8).
- 4.) Place washers, then locking nuts
- 5.) Torque to approximately 12 ft/lbs
 - a. Use blue loctite if a more permanent fastening is desired.
- 6.) Back out thumb screws to allow room for 2X4 board.
- 7.) Remove Longer carriage bolt, spring, and nut.
- 8.) Install target plate as shown in target plate section.
- 9.) Slide over 2X4 board, HAND TIGHTEN thumb screws.



Hardware and Component Table. Verify ALL components are present before use!

Diagram #	Description of Component	Quantity PER Assembly
1	Single Hole Bracket	1
2	2X4 Tube	1
3	1/2"-13 X 2 1/2" G8 Yellow Zinc Bolt	1
4	1/2"-13 Locking Nut	1
5	3/8"-16 X 1" Thumb Screw	1
6	3/8"-16 X 1 1/2" Thumb Screw	1
7	Coil Compression Spring	1
8	3/8"-16 X 3/4" Carriage Bolt	2
9	3/8"-16 Locking Nut	2
10	Breakdown Base Multi-Tool	1
11	3/8" Standard Flat Washers	2

II.) ARK Base Assembly: Note that SKU ARK-BASE ships UNASSEMBLED. Assembly prior to use is required. A Breakdown base tool is included to aid in assembly of this component. See diagram below.



TOP VIEW OF ARK BASE ASSEMBLY PARTS

* = NON-STANDARD OPTIONAL PART (NOT INCLUDED UNLESS ORDERED SEPARATELY)

(*) = Optional items that ARE NOT standard unless ordered separately

Hardware and Component Table. Verify ALL components are present before use!

Diagram	Description of Component	QTY
1	ARK Base Left Leg	1
2	ARK Base Right Leg	1
3	2X4 Tube For Post Insertion	1
4	3/8"-16 X 3" Carriage Bolts	2
5	3/8"-16 Locking Nut	2
6	3/8"-16 X 1" Thumb Screw	1

7	3/8"-16 X 1 1/2" Thumb Screw	1
8	Breakdown Base Tool	1
9	3/8"-16 X 1" Carriage Bolts (*)	4
10	3/8" Wing Nuts (*)	4
11	3/8" Locking Washers (*)	4
12	3/8" Standard Flat Washers (*)	4
13	Right BDB Paper Holder (*)	1
14	Left BDB Paper Holder (*)	1

- 1.) VERIFY that all necessary ARK base components are included. If ANYTHING is missing or misplaced, email us at info@tatargets.com Prior to finishing setup and/or using the base.
- 2.) Find a flat place on your range. RANGE MUST BE LEVEL!
- 3.) Lay left leg, right leg, and 2X4 tube in the correct orientations as shown in diagram
 - a. Note orientation of the 2X4 base tube
- 4.) Slide 3/8" X 3" carriage bolts through left leg, 2X4 tube, and Left leg.
- 5.) Install 3/8" Locking nuts
- 6.) Torque to 15 ft/lbs.
 - a. For more permanent/robust installations, consider using a small amount of blue Loctite on both the nut and bolt. We do NOT recommend red Loctite.
- 7.) Install thumb screws into holes
 - a. 1" Thumb screw goes into side of 2X4 tube
 - b. 1 1/2" Thumb Screw into rear of 2X4 tube
 - c. Ensure the bolts are only STARTED to ensure a 2X4 can slide past
- 8.) Install 2X4 into base.
- 9.) Fully tighten rear thumb screw, ensuring post is FULLY pushed to the FRONT of the tube.
- 10.) Fully tighten side thumb screw. Ensure 2X4 is FULLY pushed to the SIDE of the tube.
- 11.) Install Top Bracket onto 2X4 with desired Target Plates.
 - a. Note: The ARK base will work with the Single Hole Bracket, Gen 5 A-DAP Bracket, AND the Mini Popper Bracket.
- 12.) Follow separate top bracket and target plate mounting instructions.
- 13.) Optional: Stake the target base down using the extra holes (Stakes can be purchased separately on our website).
- 14.) Optional: If you purchased paper holders separately with your base, you can install them onto the ARK base. Follow the Diagram for proper hardware orientation and necessary fasteners. Note: THE PAPER HOLDERS AND NECESSARY HARDWARE ARE NOT INCLUDED STANDARD WITH THE ARK BASE. IF YOU DESIRE THE PAPER HOLDERS YOU MUST ORDER SEPARATELY.

III.) Genesis Target Plates:

The genesis line features many different shape and size gong target plates. All gong shapes and sizes (single hole, two-hole, and three hole) will interface properly with the Single Hole and Tee Post Top Brackets.

Note:

- When using 2-hole square gongs, the gong can be mounted as a square or a diamond (from the corner)
- When using 2-hole round gongs, use the hold that best centers the plate on the bracket

- When using 3-hole gongs of any size, use the center most hole for mounting to your top bracket.

Materials Used: The Genesis gongs are an economical domestic AR500 steel. This steel is subject to the caliber, velocity, and distance restrictions listed below. **UNDER NO CIRCUMSTANCES SHOULD YOU ENGAGE THIS TARGET AGAINST THESE REQUIREMENTS. DOING SO WILL LIKELY RESULT IN DAMAGE TO THE TARGET SYSTEM, PROPERTY, AND MAY RESULT IN SERIOUS INJURY OR EVEN DEATH. ALWAYS FOLLOW OUR POSTED SAFETY REQUIREMENTS.**

Genesis Target Plate Distance Ratings (When Used With OUR Single Hole Gong Mount):

Weapon Type	Caliber	Velocity	Bullet Make	Distance
Pistol	22LR	All Velocities	FMJ, HP, Lead	10 Yards
Rifle	22LR	All Velocities	FMJ, HP, Lead	10 Yards
Centerfire Pistol	.380, 9mm, 40, 45ACP, 10mm, 357 Sig	Up to 1500 FPS	FMJ, HP, TMJ, LEAD, Soft Point	10 Yards
Magnum Pistol Calibers	44 Mag, 454 Casull, etc	Up to 1800 FPS	FMJ, HP, TMJ, Lead, Soft Point	25 Yards
Pistol Caliber Carbines	9mm, 40, 45, 10mm, 44 mag, 357 mag, etc.	Up to 2,400 FPS	FMJ, HP, TMJ, Lead, Soft Point	75 Yards
Light Rifles	5.45X39, 5.56/.223, 7.62X39, 6.8SPC, 6.5 Grendel ETC	3,000 FPS OR LESS	FMJ, HP, TMJ, Lead, Soft Point, Ballistic Tip, Copper Expanding	100 yards
Larger Bore Rifles	.243, .308, 7mm-08, etc	3,000 FPS OR LESS	FMJ, HP, TMJ, Lead, Soft Point, Ballistic Tip, Copper Expanding	100 Yards
Magnum Rifles	.300 Win mag, 7mm mag, etc.	3,000 FPS OR LESS	FMJ, HP, TMJ, Lead, Soft Point, Ballistic Tip, Copper Expanding	200 Yards
Shotgun Slugs	.410, 20GA, 12 GA	ALL RIFLED SLUG VELOCITIES	Rifled Slugs	100 yards
Shotgun Buck Shot	.410, 16 GA, 20 GA, 28 GA, 12 GA	All Lead Buck Shot Variants	Buck Shot	30 Yards
Shotgun Bird Shot	.410, 16GA, 20 GA, 28 GA, 12 GA	All Lead Bird Shot Variants	Bird Shot	10 Yards
50BMG & Wildcat	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED

Additional notes:

- RIFLE CALIBERS MUST BE 3,000 FPS OR LESS MUZZLE VELOCITY
- IF OVER 3,000 FPS, INCREASE DISTANCE BY 25 YARDS OVER ADVERTISED DISTANCE FOR EACH ADDITIONAL 100 FPS VELOCITY INCREASE

- Genesis Gongs are only guaranteed when used WITH our Single Hole Gong Mount AND one of OUR bases or Gong Systems. We cannot guarantee performance of the plates when used with another companies products, mounts, or bases.

Distance Considerations:

Velocity kills. Small, fast bullets will cause more damage than larger, slower bullets. When using ANY rifle, ALWAYS ensure the muzzle velocity is 3,000 FPS OR LESS. Damage will occur if you disobey the distance ratings above. The Genesis Line of Gong Targets is meant to equip citizens at reasonable prices. If you desire to engage in extreme high-volume shooting, consider adding some of our Exodus Line of steel targets. These ½” AR550 gongs are better suited for faster, high-volume calibers.

Bullet Construction:

The following bullet types are approved for use on the Genesis target plates

- Full Metal Jacket (FMJ)
- Ballistic / Plastic tip hunting ammunition
- Match Grade ammo (Boat Tail Hollow Points)
- Hollow Point Ammunition
- Soft Point Ammunition
- Bi-Metal Ammunition provided the velocity is 3,000 FPS OR LESS muzzle!
 - See special note below

The Following bullet/ammo types are incompatible with the Genesis Systems AND SHOULD NEVER UNDER ANY CIRCUMSTANCE BE FIRED AT A GENESIS PLATE!!!

- M855 Steel Core Projectiles
- Solid Copper Machined Bullets (non-expanding solid copper)
- Expanding solid copper bullets over posted velocity limits
- SS109
- Russian Steel Core Ammunition
- Incendiary projectiles
- Tungsten core projectiles
- M855A1
- Any Armor Piercing or penetrating bullet construction not listed.
- Stainless Steel shotgun shot (Never acceptable on steel targets)

Special Notes and Considerations:

Hollow point ammunition, especially larger bore calibers, can leave slight impressions on the steel target faces. This is normal and will not create an unsafe condition. If heavy impressions are occurring (i.e. greater than 1/32” depth), increase distance until impressions cease. Shotgun slugs may also exhibit the same tendencies.

Expected wear and tear during use:

Over time it is normal to experience wear and tear on your system. This is expected. During normal use you may see:

- Chipped Powder coat or paint
- Worn out hardware/nuts/and bolts
- Edge chips from close edge impacts
- Chips around UNUSED holes (extra square holes) on target plates
- Worn out 2X4 posts
- Surface deformations on strike plate (OK to use unless craters with a depth of 1/8" or more exist)

Please note: Each Genesis system is guaranteed to arrive and be in working condition/working order. Normal wear and tear / expected wear and tear is always excepted from ANY warranty claims. The Genesis system when purchased as a complete system features a 1 year limited warranty.

Gongs purchased separately (without one of our complete Genesis systems) have a 30 day manufacturer's warranty. For full information on our warranties, please see our website at:

<https://tatargets.com/warranty/>

Maintenance Considerations:

The Genesis System is fully serviceable. If you are missing components or have damaged components, please reach out to our customer service team for replacement parts OR check our website for replacement parts and components. During use with steel targets it is NORMAL to see chipping of the powder coat on the bases and top brackets. If you desire to touch up your base, you can purchase spray paint on our website.

Other Accessories:

Please consider checking out all our other products in the Genesis Line of steel targets. We offer a full line of targets and accessories to add to your range. Train with purpose!

If you have any other questions, please feel free to email our team and we'll be able to further assist you with setting up your new target system.

Customer Service Email: info@tatargets.com

TA Targets

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