



## TA Targets Single Breakdown Base Setup/Assembly



Upon un-boxing your newly acquired target system, you'll notice some initial set up is required. Inside this box, you'll find all the hardware to finish setting up your new Breakdown Base. Please note: This instruction manual is specifically to cover the SINGLE Breakdown Base. This base is used for ALL A-DAP Systems including the Mini A-DAP, C Zone, Mini Vital Zone, and Vital Zone Systems. Some special instructions are required for the Falling Tree, Goliath Target System, Phoenix Plate Rack, and Rifle Dueling Tree. For SPECIFIC installation instructions for these systems, PLEASE see the manual specific to each system. 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](mailto:info@tatargets.com).

**\*BEFORE YOU BEGIN:** The Breakdown base is very different from our Gen 1 and Gen 2 welded bases. The entire base breaks down into a more compact and portable system. During setup it is extremely important to make sure ALL hardware is adequately tightened. Loose hardware can result in an unstable target system. ALWAYS verify hardware is properly tightened. You do not need to torque the hardware, tighten until the nuts are tight. Make sure they are not loose.

\*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.

**Tools needed to finish assembly:**

1. 3/8" Ratchet with 14mm socket OR a 14mm open end wrench OR use the included Breakdown Base Tool

The Breakdown Base tool is included with each base for your convenience. This tool is adequate for assembly. It features a 14MM hex fitting, a slot for thumbscrews, and a 3/8" square driver hole. This hole can be used with a 3/8" Ratchet. Additionally, a bottle opener is included for hydration purposes AFTER your range day. Don't drink and mix guns/shoot.

**Here is the breakdown base tool:**



Components included with each single breakdown base:

- Hardware Kit:
  - o (2) 3/8" Carriage Bolts (attaching base legs to 2X4 base tube)
  - o (2) Lock nuts for carriage bolts
  - o (4) 3/8"x 3/4" Carriage Bolts to attach paper holders
  - o (4) 3/8" Flat Washers for paper holders
  - o (4) 3/8" Wing Nuts to attach paper holders
  - o (ONE) 3/8" X 1" Thumb Screw
  - o (ONE) 3/8"X1.5" Thumb Screw
  - o (ONE) Breakdown Base Tool



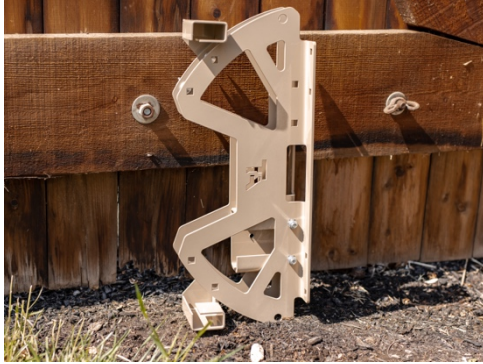
- Breakdown Base Legs:
  - o (2) Breakdown Base Legs. Note: There are NOT left and right legs. They are interchangeable.
- 2X4 Tube (Bent with 3 tapped Holes):
  - o (ONE) BENT 2X4 Tube with tapped holes. This tube accepts standard 2X4 boards, our custom wood target posts, and our adjustable armored posts.
- Bent Paper holders.
  - o (ONE) Right Side paper Holder
  - o (ONE) Left Side Paper Holder



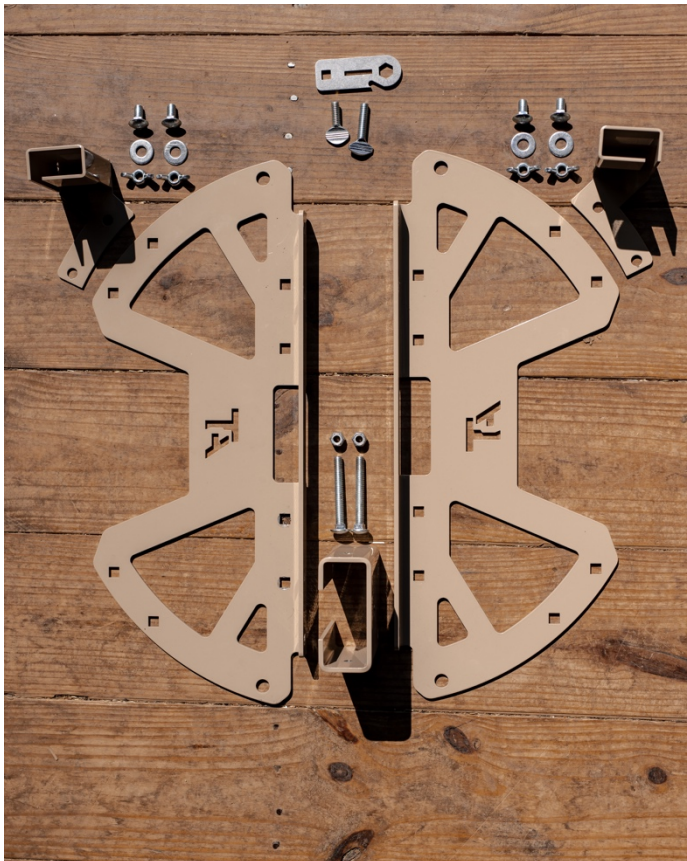
\*NOTE: Single Falling Tree, Double Falling Tree, Rifle Dueling Tree, Goliath Target System, Phoenix Plate Rack and MOD 1 Bullet Trap require additional components and instructions. Each of these systems come with their own set of instructions. Please refer to the full instructions for these systems for setup and use.

How to set up the breakdown base:

Step One: Grab the entire breakdown base assembly. The assembly ships in the “compact” assembly.



Step Two: Unbolt ALL components. Lay hardware out and VERIFY everything is present. Take a minute to look over your base and COMPARE to the picture here. Read the above hardware list. If ANYTHING is missing, contact us before assembling and using.



Because our team ships each base in the packed down assembly, there is very little chance that anything is missing. It is still critical to double check and make sure that everything is present. Each component is important for the proper assembly and use of our Breakdown Base.

**Step Three:** Bolt the Breakdown Base Legs to the 2X4 base tube with included carriage bolts. Use either the Breakdown Base tool OR a 14mm open end wrench OR ratchet with 14mm deep socket. Do NOT over torque the lock nuts. 20-25ft/lbs is more than adequate. If you plan on leaving your bases permanently assembled, a little blue Loctite thread locker is a good idea at this point. Otherwise, move onto the paper holder assembly/installation. NOTE: Orientation of the 2X4 base tube DOES NOT MATTER LEFT TO RIGHT. THIS IS WHY THERE ARE TAPPED HOLES ON BOTH SKINNY SIDES OF THE TUBE.



**Step Four:** If you desire to use cardboard targets with your base, install the paper holders. A left and right paper holder are included with each base. Use the included carriage bolts and install the bolts from the BOTTOM of the base. Then place each paper holder over the bolts. Then install the washers, last install the wing nuts hand tight. Thread locker is not required on this part and is not recommended UNLESS you permanently desire your paper holders to be mounted to your base.



Note: The paper holders only go one way. The center picture above shows the proper orientation. The paper receiver tube should be in front of the base as shown to properly position your furring strips for cardboard mounting.

**Step Five:** The last step is to install the included thumb screws. Even if you are not using this base for steel targets at this time, it is RECOMMENDED that you install the thumbscrews to avoid losing them. Each BDB comes with ONE 1" thumb screw and ONE 1.5" thumb screw. Where you place this thumb screw is important! If you are using a 2X4 board, the 1" screw goes in the SIDE of the 2X4 Base tube and the 1.5" Thumb screw goes in the REAR. IF YOU ARE USING OUR ADJUSTABLE ARMORED POSTS: You will need to install the thumb screws OPPOSITE. The 1.5" thumb screw will be used on the SIDE and the 1" will be used on the REAR for our armored posts.

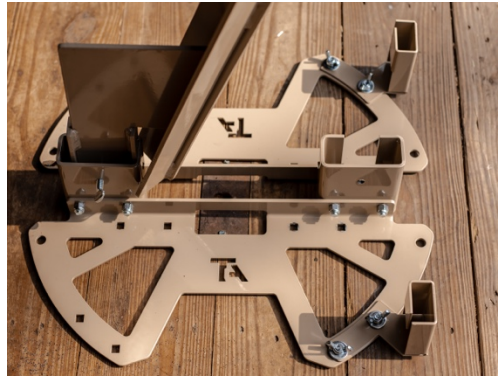


The 2X4 base tube has a tapped hole on the front and back. This is so the tube can be installed in any left/right orientation. It is NOT recommended to put the thumb screw on the FRONT of the tube.

**\*NOTE:** When tightening thumb screws, BE CAREFUL to never over torque. It IS possible to strip the threads in the base tube IF TORQUED TOO MUCH. This is ESPECIALLY true when tightening the thumb screws with the included BDB tool. Photo above shows how to use the BDB tool to tighten OR loosen stubborn thumb screws.

**Step Six:** The last step is to install either your store bought 2X4, our custom target board, OR our adjustable armored post into the 2X4 base tube. ALWAYS be sure that you tighten the post properly. Once tightened there should be VERY little movement in your post. Often, you will need to "wiggle" the post front to back WHILE tightening your thumb screws. This ensures that the post is pushed all the way forward for stability.

Step Seven: Optionally for further base stability, a SECOND 2X4 base tube can be purchased separately and installed in the FRONT of the base. This is REQUIRED for our Falling Tree target and is OPTIONAL for A-DAP target systems. This second 2X4 tube eliminates any side-to-side flexing of the base and system. While not required, this second 2X4 tube can be purchased separately on our site.



Congratulations! At this point you have now completed your single breakdown base setup! Your base is now ready for use on your range! By following these set-up steps, your base will perform as intended.

#### Stowing your Breakdown Base:

\*NOTE: DURING USE YOUR BASE WILL EXPERIENCE BULLET JACKET FRAGMENTATION. WHILE THIS WILL NOT WEAR OUT YOUR BASE, IT CAN CREATE SURFACE IMPERFECTIONS, POWDER COAT CHIPPING, AND SHARP EDGES. ALWAYS HANDLE USED BASES WITH EXTREME CARE. ALWAYS ASSUME SHARP EDGES WILL BE PRESENT AFTER USE FOR SAFETY. WE HIGHLY RECOMMEND USING GLOVES. ALWAYS REMEMBER THAT LEAD IS PRESENT WHEN SHOOTING. ALWAYS WASH HANDS AFTER RANGE TRAINING. BE SURE TO WEAR APPROVED PPE ON THE RANGE.

The Breakdown base can be packed into a portable base system. FULLY disassemble the base, then assembly the components as shown:



Your breakdown base CAN be transported in a fully assembled state; however we recommend REMOVING your paper holders. Paper holders can bend if abused during transport.

A side benefit of the breakdown base is the fact that you can store your GEN 5 A-DAP Top Bracket INSIDE the base. The Gen 5 A-DAP top Bracket is shipped with extra carriage bolts to achieve this task. Here is a photo showing the A-DAP Top Bracket stowed inside the Breakdown Base. This keeps your components together AND creates a fantastic carry handle. NEVER OVERTIGHTEN BOLTS THROUGH THE BASE AND THE TOP BRACKET. THIS WILL BEND THE A-DAP TOP BRACKET.



#### Basic Breakdown Base Guidelines:

**\*PLEASE REFER TO OUR SAFE SHOOTING INSTRUCTION MANUAL PRIOR TO USING THIS PRODUCT. HANDLING FIREARMS, AMMUNITION, STEEL TARGETS AND OTHER RANGE EQUIPMENT CAN BE DANGEROUS. IF YOU HAVE ANY QUESTIONS ABOUT THE SAFETY OR USE OF THE PRODUCT, EMAIL OR CALL US PRIOR TO USING. DO NOT USE THIS PRODUCT IN AN UNSAFE OR CARELESS MANNER. SERIOUS INJURY OR DEATH OR PROPERTY DAMAGE CAN RESULT FROM MISUSE OF THIS PRODUCT\***

#### Basic Target Guidelines:

- The Breakdown base is NOT armored. It is NOT designed to be directly impacted with bullets EVER. Impacting your breakdown base OR its components WILL result in damage. You will need to purchase replacement components at YOUR cost if you damage your breakdown base. Our warranty ONLY covers proper fitment of final product and a guarantee against defects prior to use. It is the end user's responsibility to ensure the breakdown base is ALWAYS used carefully and properly.

- **Please note: Depending on terrain and target systems/calibers used, users may need to stake the target to the ground. Never place rocks, tires, or debris under targets for stability. The ONLY acceptable method is purchasing our stakes on our website. Under most normal conditions, staking is NOT required. If your target system seems unstable, find flatter ground, OR consider staking. Unstable target systems are not safe. It is your responsibility to ensure your targets are set up properly. Refer to each instruction manual for each system. For further details.**

**-ALWAYS WEAR APPROVED EYE AND EAR PROTECTION WHILE SHOOTING!**



**- ALWAYS HANDLE USED TARGETS WITH GLOVES AND OTHER PPE. NEVER EAT WHILE ON THE RANGE. ALWAYS WASH HANDS AND CLOTHES AFTER RANGE TIME OR TARGET HANDLING.**

**-Please read our separate safe shooting pamphlet included with this packaging. It outlines basic range safety and safe shooting practices. Please consult with trained professionals BEFORE partaking in ANY range shooting**

### **Maintenance Considerations:**

The Breakdown base 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 base. If you desire to touch up your base, you can purchase spray paint on our website.

### **Other Accessories:**

We offer other accessories for the Breakdown Base. For FULL Line of products surrounding the Breakdown Base, see our website and social media pages.

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](mailto:info@tatargets.com)