



## TA Targets GEN 5 A-DAP Top Bracket Instructions



Upon receiving your new Gen 5 A-DAP Top Bracket you will see that it is TWO HALVES that are bolted together with (4) 1/4" Carriage bolts and locking nuts. We utilize carriage bolts for ease of install and removal. For your convenience each A-DAP top bracket is PRE-ASSEMBLED prior to shipping.

**\*BEFORE YOU USE YOUR NEW TOP BRACKET:** Verify that no nuts or bolts have worked loose during transit. Even though we utilize locking nuts, it IS possible that the top bracket could "work loose" during transit. While unlikely, it's important to check prior to use. A 7/16" open wrench or socket is all you need to verify that the nuts are tightened.

The Gen 5 Top Bracket consists of the following parts:

- (ONE) ADAPTOP-G5L (left side)
- (ONE) ADAPTOP-G5R (right side)
- (FOUR) CB14-20X34 1/4" Carriage bolts already installed in top bracket sides
- (FOUR) LN14-20N 1/4" Locking nuts already installed in top bracket sides
- (TWO) CB38-16X3 3/8" Carriage bolts for bolting top bracket INTO Breakdown base for storage
- (TWO) LN38-15N 3/8" locking nuts for bolting top bracket INTO Breakdown base for storage

Please verify that all parts are included with your top bracket. Email us if anything is missing.

## **How the Gen 5 A-DAP Top Bracket Works**

We revised the A-DAP Top bracket to be able to be unbolted. This offers a **DISTINCT** advantage in the event that your top bracket is slightly damaged from side impacts, or your 2X4 has swelled from moisture outside. Our previous version was difficult to remove during these circumstances. Now users can simply unbolt the top bracket in the event that they are faced with similar situations.

On the right you can see how the A-DAP Top Bracket (Gen 5) Mounts to any of our A-DAP target systems. The front most hole is for the 1/2" Clevis pin and clip that is included with our target plates.

Users simply attach the top bracket to the target plate, then slide the top bracket over the wood post. The A-DAP Gen 5 Top Bracket is designed to work with standard 2X4's OR our custom target wood posts. Please note: Standard 2X4's will have a "looser" fit, but they are perfectly functional and acceptable.



The extra square holes at the bottom of the A-DAP Gen 5 Top Bracket can be used to screw the top bracket into the board IF more stability is desired. They are also used to bolt the top bracket into the Breakdown base for storage and transport. See photo below of a breakdown base with A-DAP top bracket bolted into place for transport:



**User note: the larger hole in the “middle” of the Gen 5 Top Bracket is currently not used for target systems. This is an assembly/powder coating hole.**

**Calibers, ratings, and maintenance:**

The Gen 5 A-DAP Top bracket is designed to be used with any of our A-DAP systems, which include:

- Mini A-DAP System (reduced C Zone)
- C Zone A-DAP System
- Mini Vital Zone System
- Vital Zone System
- Goliath Target System
- Any Future A-DAP systems UNLESS specifically noted on the individual product instructions.

Users should follow the caliber and distance ratings shown on the various A-DAP target systems we sell. The Gen 5 top bracket is rated for ALL acceptable calibers and distances shown on our target systems.

**Maintenance:**

- Users should check for bolt tightness PRIOR to each range day, and they should tighten as needed.
- IF DESIRED: Users can add blue thread locking compound to the threads for even better resistance to the nuts working loose.
- Users should always inspect their wood post and top bracket for damage.
- If damage exists, users should discard the post and/or the top bracket. We offer replacement top brackets on our sites.

**Other Accessories:**

We offer a hostage bracket and paddle assembly that works with ALL generations of our A-DAP top brackets, including the gen 5. The hostage assembly is an **OPTIONAL** product that will not be included in your order UNLESS specifically shown on your order. Installation is extremely simply, but you will need the following:

- 7/16” open end wrench
- 7/16” socket (or a second open end wrench)

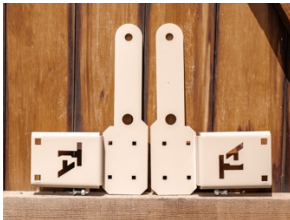


Here is the hostage assembly with a disassembled A-DAP Gen 5 Top Bracket:

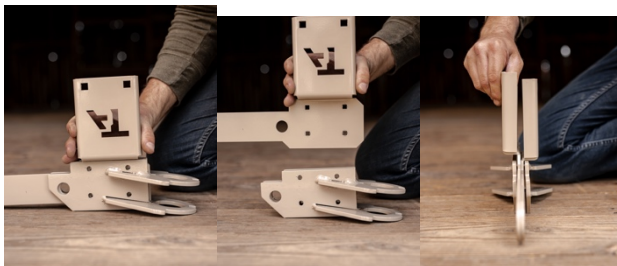


In order to install the hostage assembly, users must do the following:

- 1.) Disassemble the A-DAP top bracket by removing the FOUR  $\frac{1}{4}$ " Locking nuts



- 2.) Locate the Hostage bracket (welded assembly) insert both halves of the A-DAP top bracket into hostage bracket as shown.



- 3.) Insert  $\frac{1}{4}$ " hex bolts (included with the hostage assembly). The  $\frac{1}{4}$ " hex bolts replace the carriage bolts when in use.



- 4.) Install the (FOUR)  $\frac{1}{4}$ " locking nuts (included with the hostage assembly). These should be tightened extremely snug. Users should tighten the nuts UNTIL the slop of the Top bracket

and hostage assembly is **COMPLETELY** removed. This is critically important for the function of the hostage assembly.

- 5.) Once fully installed, the top bracket can be bolted to any of our A-DAP target plates.
- 6.) Then slide the entire assembly over your wood board as shown.
- 7.) Install the Paddle into the bracket, ensure smooth and easy side to side rotation



- 8.) Your hostage assembly is now ready to use. **NEVER** use hostage assembly **WITHOUT** a target plate present. The target plate protects the components of the hostage assembly. **ONLY** engage the hostage paddle perpendicular to the system. Shooting at angles will result in bullet impacts on the top bracket which **WILL** cause damage that **IS NOT** covered by our warranty!

Distance and caliber ratings of Hostage paddles:

- 3/16" Paddle (AR400 or AR500): 22LR calibers **ONLY**. **NEVER** USE **CENTERFIRE** CALIBERS ON **RIMFIRE** PADDLES. **EVER**. **ONLY** 22LR. 10 Yards minimum with 22LR rifles and/or pistols
- 3/8" AR550 paddle: Center fire pistols (9mm, 40, 45ACP, 10mm) at 10 yards, light carbines at 50 yards (.223/5.56NATO), 300 BLK, 7.62X39, 5.45X39. The 3/8" AR550 Paddle **IS NOT** Designed for 308 or larger calibers
- 1/2" AR550 paddle: 308, 6.5CM and similar at 100 yards. Note: the 1/2" Paddle will **NOT** work well with most pistol calibers. It is specifically sized and designed for larger bore calibers.

**\*NOTE: USERS MUST READ SAFE SHOOTING GUIDELINES PRIOR TO USING ANY OF OUR STEEL TARGET SYSTEMS OR COMPONENTS\***

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)