

Custom Metal Products, LLC

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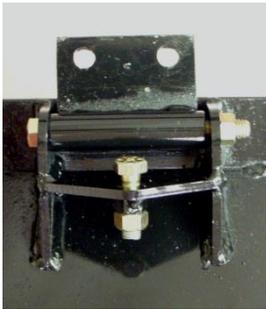
Plate Rack Assembly Instructions



1) Two people are needed for the assembly. Lay main rack assembly on the ground, and install legs on the inside of the end plates, and with the leg flanges on the front side (shooter's side) of the rack. Use the 1/2-13 X 1 1/2 grade 8 hex bolt, lock washer and nut to attach the legs. Insure you mount the leg with the 5/16 inch hole near the bottom at the left rear, when the assembly is viewed from the shooters side.



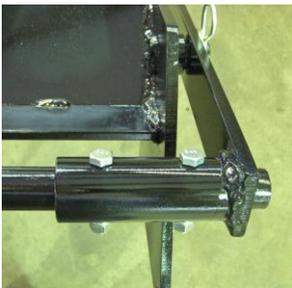
2) Note the flanges are forward, and the nuts are on the inside of the legs. Install the other two legs.



3) Roll the assembly upright onto its legs. Install a 1/2-13 X 1 3/4 bolt into each target stop position, and add a nut as shown. Install a Target Mounting Plate at each position, using a grade 8, 1/2-13 X 5 1/4 bolt, washer and self locking nut. Do not over tighten locknut so it restricts movement of the plate.



4) Place one large washer on the 1 inch stud on the right end of the assembly, then install the reset arm on the stud, while allowing the reset assembly to rest on the support bars. Do not try to install the other end of the assembly at this time.



5) Install the 1/2 inch long piece of tubing on the left hand stud, then place reset arm on the stud, while sliding the coupling on to the reset bar. Secure coupling to bar with two 5/16 X 2" Grade 8 hex head screws, lock washers and nuts.



6) Add large washer and hitch pin to each side.



7) Add target to each station, using the grade 8 Carriage bolt, washer and locknut. Targets are on the front of the plate, with bolt heads to the front of the target. Tighten nuts securely.



8) Install 5/16-18 eyebolt, loop and pulley to the left rear leg, and on the end of the reset arm. Thread rope from the bottom through the pulley, then up to the end of the reset arm, through that pulley, and then tie end of the rope to the 5/16 eyebolt in the leg.



9) After reading the Target Use and Care instructions, the plate rack is now ready to use. Pull the rope to reset the targets. Adjust the target stops for the power of the cartridges being used. Note that this target is generally used with pistol rounds. The targets are AR500 steel and will withstand many rifle rounds, but rifles will penetrate the deflector plate or other portions of the assembly. A plate rack with an AR500 armored deflector plate may be ordered.

Always wear approved safety glasses and ear protection when shooting or observing shooting at any target.

Target Use and Care

The targets produced by CMP are made from AR500 steel for long life and minimum damage due to bullet strikes. The stands, bases and mounting brackets are made from normal steel and can be damaged by repeated bullet strikes, and will not withstand rifle bullet strikes. The design of the targets protects much of the base with the AR500 target face, but occasional hits will occur. The hardware used to mount the targets is Grade 8 and will better withstand repeated bullet strikes. Never use a lower grade of bolt. Replacement hardware is available from CMP.

- Pistol shooting at our targets should be performed beyond a range of 15 yards.
- Rifle (max 3000 feet per second at impact) shooting at our targets should be performed beyond a range of 100 yards.
- Never use armor piercing or steel core bullets to shoot any target
- Always place the target in front of a backstop to capture any bullets which miss the target.
- Always inspect the targets and support structure before and after use for damage and for proper and safe operation.
- Do not use any targets or support structure if any damage or improper operation is found.
- When the first face gets pockmarked or damaged, turn target over and use other face.

Warranty

All CMP products are warranted for one year from date of purchase for defects in material or workmanship. We will repair or replace, at our option, any component found to be defective. Shipping of product back to the manufacturer is the responsibility of the customer. Contact CMP for return shipping instructions.

Limitations of warranty: This warranty does not cover normal wear items such as bolts, nuts, springs, etc. The target faces will become dented and pock marked due to repeated bullet strikes, this is normal wear and is not covered by the warranty. This warranty does not cover any item that has been modified or altered in any way, used outside its intended purpose, or damaged by acts of nature.