



Modular Scope Mount Kit, 1.5" with 30 or 34mm Rings

Installation and care instructions.

WARNING

Use torque limiting sockets or wrenches to achieve recommended torque on screws through all steps of Installation. Do **NOT** exceed torque recommendations. The use of any thread locking materials is **NOT** recommended for this application. Do **NOT** use solvents or abrasive materials to clean scope, lenses or mount. Failure to follow these instructions may cause damage to the assembly and may void any warranty.

Parts and Recommended Tools for installation



Install rear Ring Base (has two base screw holes), to the Horizontal Rail in the desired location based on type and size of scope used and eye relief desired. Secure with two 10-32 x 3/8 Screws PN ASCR-12100. Hand tighten screws until the screw cap contacts the sight base, do not torque yet. With the mount upright, the single index mark should face to the right and double index mark to the left. Figure 2.

Install front ring base (three base screw holes), to the Horizontal Rail in the desired location. Hand tighten screws until the screw caps contact the sight base, do not torque yet. The single index mark should face to the right and double index mark to the left. Figure 2.



Figure 2

Place assembly upside down on a smooth firm surface. Use a torque limiting device to first torque all screws in the sequence depicted in Fig 3. to 25 inch lbs. Repeat the tightening sequence to a torque of 55 inch lbs.



Figure 3

Assembling Ring Bases to the Mounting Rail.

Assemble the Sight Mount Clamp to the horizontal (bottom) Rail using four (4) 10/32 x 1.25" cap screws PN ASCR-12200. Start but do not tighten clamp screws. Figure 4.



Figure 4.

IMPORTANT: Ensure that there are no lubricants, paint, coatings not applied by Troy Ind. , debris, corrosion or foreign material present on the inside surfaces of the Scope Rings, mounting surfaces between the Ring Caps and Bases or on the Scope Tube before proceeding.

Place scope onto Ring Bases and adjust it to desired location on the mount. Ensure that the Ring Bases Contact the scope only on the Main Tube and not at the Objective Bell, Turret Housing or Power ring. This should be done with the mount on the weapon it will be used with to ensure proper eye relief is achieved. Fig 5.



Figure 5

With the weapon secured vertically in a gun vice, gun maintenance fixture or on a level surface, place the scope assembly onto the Picatinny Rail of the rifle. Put forward pressure on the scope mount to seat the lugs Against the Pic Rail Lugs and using a torque limiting socket or wrench, tighten the four clamp screws to 25 inch lbs following the pattern indicated below. Once done, tighten the four clamp screws to 55 inch lbs following the same sequence. Fig 6.



Place forward
pressure on
scope base
while tightening

Figure 6

Install rear scope ring cap with index marks matching the base using four (4) 6-32 3/8 cap screws PN ASCR-12400. Do not tighten screws. Install front scope ring cap with index marks matching the base using six (6) 6-32 3/8 cap screws PN ASCR-12400. Do not tighten screws. Fig 6.

Adjust scope position (forward and back) in rings to desired location. Check for proper eye relief (scope should be focused and parallax knob set to infinity). Once the scope is properly located, level the scope laterally to ensure vertical orientation of the reticle. It is recommended that a scope levelling tool or device be used for this operation.



Figure 6

Tighten the scope ring screws following the sequence indicated in Fig 7 to 15inch lbs.
Tighten the Scope Ring screws following the sequence indicated in Fig 7 to 25 inch lbs.



Figure 7

Accessories and Cleaning

Accessory mounting rail sections should be attached using the same torque specs (15 and 25 inch lbs) and alternating method (1,2 1,2)

It is recommended to check torques on clamp and ring screws frequently.

Clean mount with a soft brush and clean soapy water then dry thoroughly .

WARNING

Use torque limiting sockets or wrenches to achieve recommended torque on screws through all steps of Installation. Do **NOT** exceed torque recommendations. Torque values are indicated on the bottom of the modular rail. The use of any thread locking materials is **NOT** recommended for this application. Do **NOT** use solvents or abrasive materials to clean scope, lenses or mount. Failure to follow these instructions may cause damage to the assembly and may void any warranty.