Gamo P3 Accessory mount kit for #ATPLS laser sight

Caveat: The mount is installed and attached with 2 M2 machine screws located just under the bottom of the barrel. The front screw is capped so that threads are stopped from entering and interfering with the slide operation, but the rear screw (and alignment pin recess) is not. This means that machine screws MUST be the correct length so that slide operation is not impaired when tightened to proper torque. Screws supplied have been measured for proper fit but the user must insure that the shorter screw is used in the rear and that both screws can be firmly tightened without interference with slide operation.

The mount kit is shown with a NcStar #ATPLS Trigger Mount laser sight installed, which is not included and must be purchased separately

Kit Contents:

1ea HIPS mount (gray shown here or black)

2ea M2 Machine screws: 1ea 24.72mm (abt 0.973") long & 1ea 18.37mm (abt 0.723") long.

3ea M2 Hex Nuts. These can be used to preserve threads if screw length needs to be shortened. One can be used as a washer to adjust length of short screw.

Tools Required for Installation: 1 flat blade screwdriver. Optionally: A hacksaw, small fine file and 600 – 1200 grit sandpaper may also be helpful.

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Pre-Installation (using screws as supplied)

1) Identify the shortest screw and thread one hex nut on, running it all the way to the screw head. This shortens the supplied screw by about 2.31mm and acts as a washer. If a longer screw is needed, simply remove the nut.

2) Test fit the mount block in position on the barrel and carefully start the rear screw (shortest w/hex nut). If the block does not come very close making a tight fit to the barrel check to be sure some filing might be needed to remove “flash” or gently reduce the size of the rear screw locating pin. Don't tighten the screw until both screws have been inserted and their threads started, see step 3.

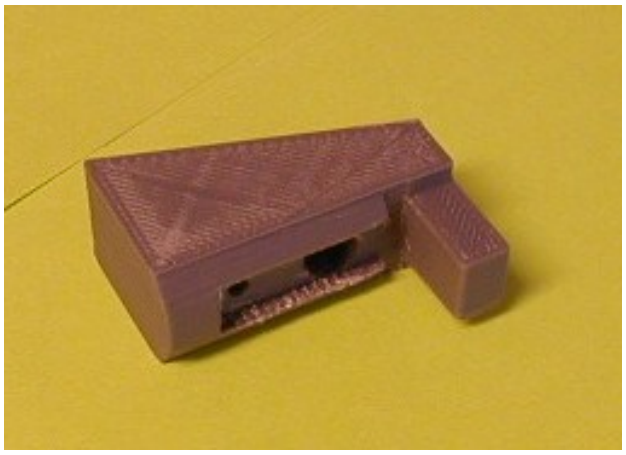
3) Insert the longer screw in the front hole of the mounting block. Carefully start the threads and tighten both front and rear screws to obtain a tight, wobble free attachment.

4) Install the ATPLS sight (curved side up) on the tab perpendicular to the barrel. Before tightening gently wiggle the module making sure it is not binding so that tightening the clamp will not force or put pressure on the laser module body. Front of sight module should lightly touch the front of the mount so that the laser module is as parallel to the barrel as possible

5) Tighten the laser module clamp until tight enough to prevent any wiggle, but do not over tighten.

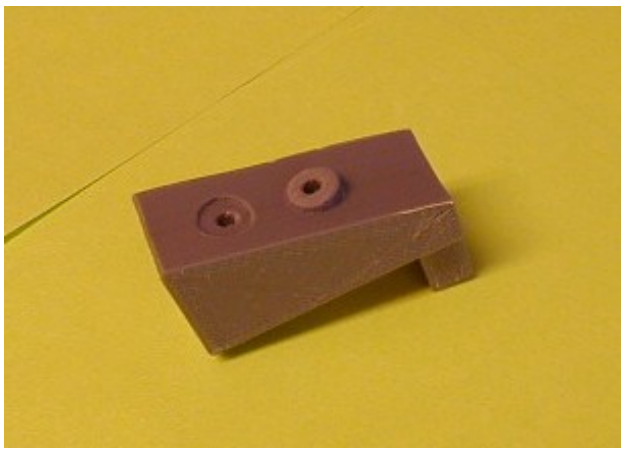
6) Use an inexpensive laser bore-sight alignment tool to adjust point of aim for best accuracy. If a bore sight is unavailable, elevation and windage adjustments can be made manually, but at the cost of considerable time.

Mount: Bottom view



Note: larger diameter hole identifies the position of the locating pin at the rear of the mount block. Short M2 screw is inserted into this hole.

Mount: Top View (below)



Note (right) the raised alignment pin at the rear of the mount. The slightly recessed hole is the front mount screw hole for the longest machine screw.

Shortening screws (if needed):

If either screw needs to be shortened, run both nuts on the screw threads first. Run them to a position inside the finished length of the adjusted screw length. Lock the “double-nut” together to lock in place and cut the excess length as needed. Then carefully file the cut end and finish with fine sandpaper until smooth. Next carefully unlock the “double-nut” lock and run the outer nut slowly to the end of the screw. If you feel resistance or roughness, re-file/sand the cut end until operation is smooth. Both nuts can be removed.

Test the adjusted screw by taking one nut and threading it on the screw. If there is any tendency for cross threading or resistance, re-file/sand the cut end threads as necessary. This step will prevent cross threading the threads in the barrel at the attachment points.