



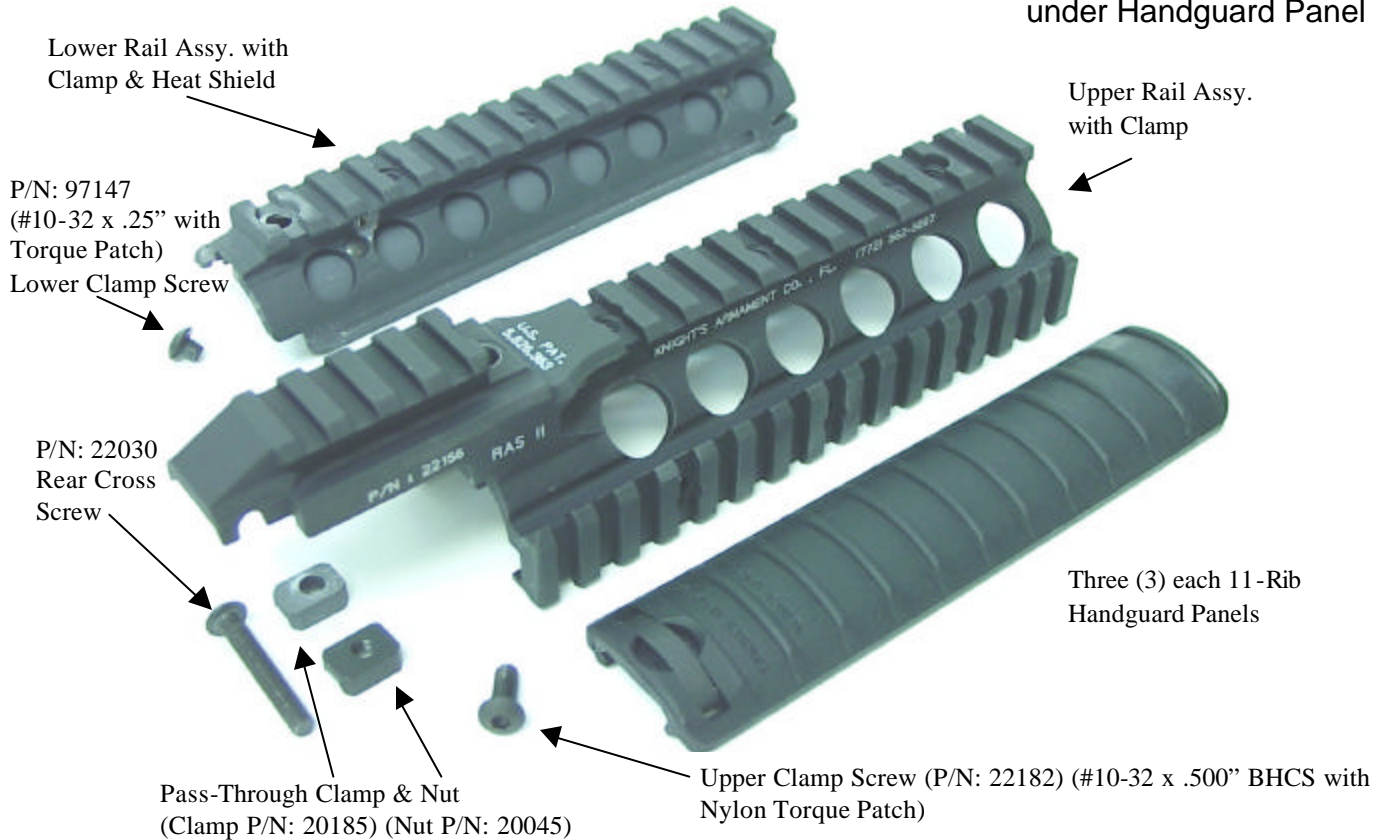
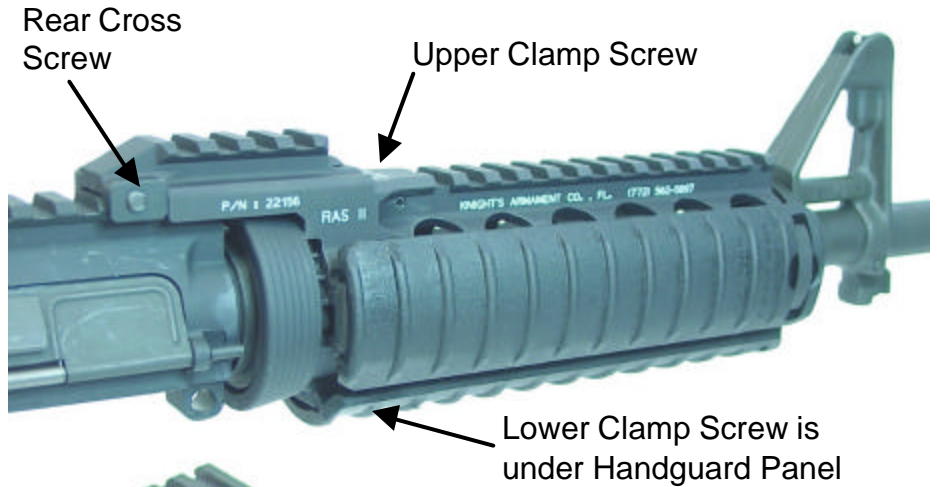
Knight's Armament Company

7750 9th Street SW
 Vero Beach, FL 32968
 Phone (561) 562-5697 * Fax (561) 569-2955

RAS II (P/N: 22243) Installation Instructions

Remove the Rear Cross Screw, Pass-Through Clamp and Nut, and the Upper and Lower Handguard Clamp Screws from **RAS II** assembly with a 1/8-inch Allen Wrench.

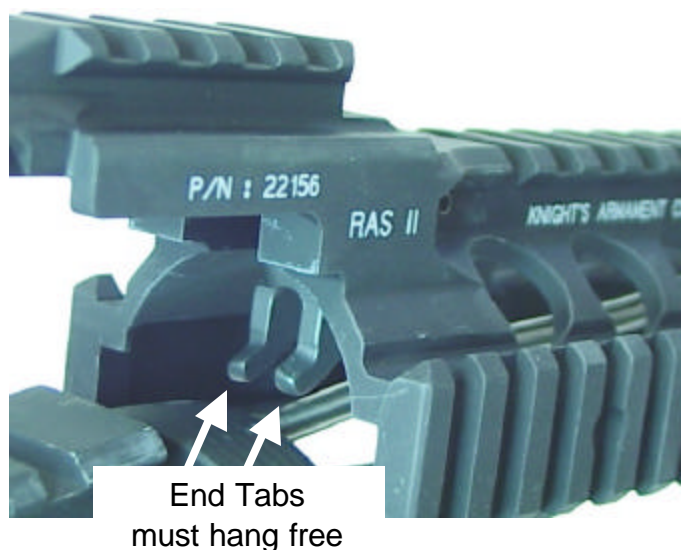
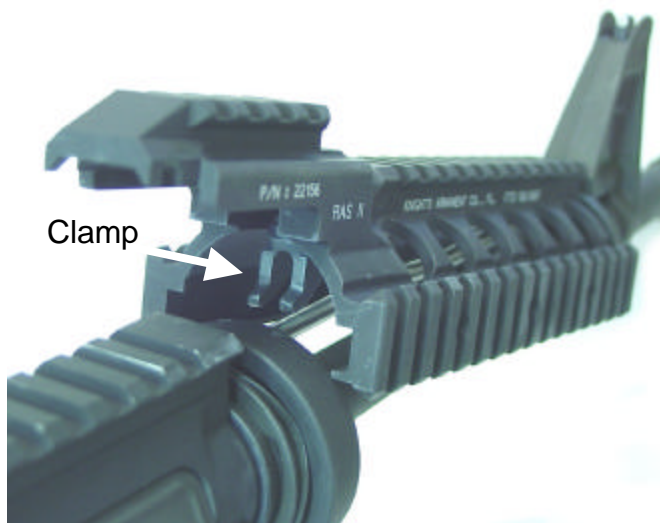
Note: Clamp Screws have a "self locking" nyloc patch good for one or two installation applications.



Remove standard handguards from the host weapon and position the **RAS II** Upper Rail Assembly as shown in the following two pictures:

Note: Upper Handguard Clamp Screw must be removed before installation of Upper Rail Assy.

1. Position **RAS II** Upper Rail Assembly on host weapon barrel as illustrated below. It is very important that the Clamp is hanging down and straddles the host weapon's gas tube. Also, as the assembly is lowered and pulled rearwards against the delta ring's spring tension, the End Tabs of the Clamp must slip under the front lip of the barrel nut as the assembly is lowered onto the barrel.



Note: Host weapon's Delta Handguard Slip Ring must be held rearwards during all installation steps.



2. Partially install Upper Clamp Screw with 1/8" Allen Wrench—Do Not Tighten.



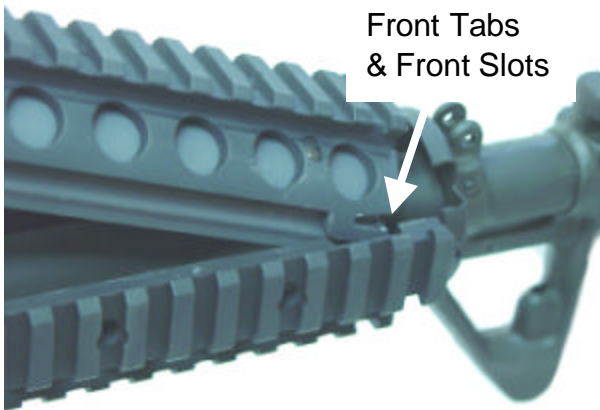
3. Hold rear of Upper Rail Assembly down and rearwards to align with groove T-12 of upper receiver. Install Pass-Through Clamp, Screw & Nut; and then tighten.

Note: the Pass-Through Clamp & Nut have off-center holes. Their rear edges are flush with the rear of the Upper Rail Assembly when orientated properly. Also note, that it is a bit easier to have a second person "turn the wrench", once you have the parts aligned.

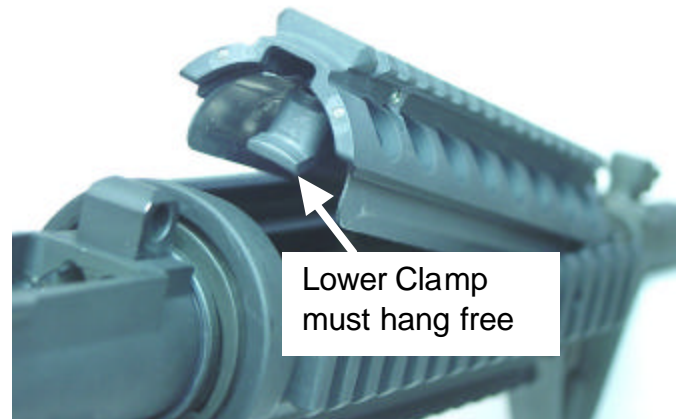
4. Go back to Step 2 and tighten the Upper Screw to 20-inch pounds.

Caution—Do Not Over Tighten Screws

5. Present the **RAS II** Lower Rail Assembly to the host weapon's barrel at an angle as shown below in the pictures. Insert the two Front Tabs of the **RAS II** Lower Rail Assembly into their corresponding Front Slots formed in the underside of the upper rail assembly on both sides.



Front Tabs
& Front Slots



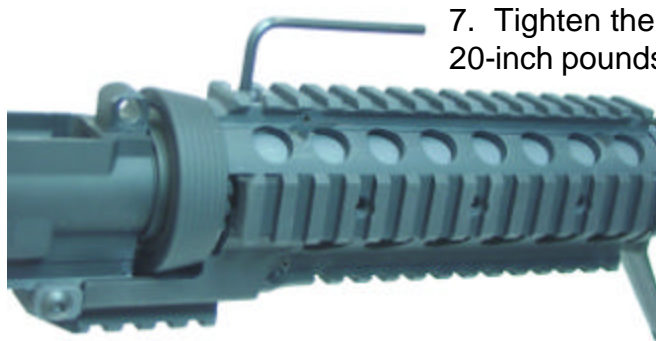
Lower Clamp
must hang free

6. Pull backwards on the delta ring as the rear of the assembly is lowered into place. The Lower Assembly Clamp must be hanging down as the assembly is lowered as shown above. This is only possible if its screw has been removed first. The Clamp's Tab must slip under the front lip of the barrel nut as the assembly is lowered onto the barrel. If the assembly is properly positioned, the delta ring should spring forward slightly and slip over the Lower's rear edge, thereby retaining it in place.

Note: Installing the Lower Clamp Screw is optional.

If use of KAC's M203 "QD" or 12 Gauge "Masterkey" is planned, do not install the Lower's Screw, because a 1/8" Allen Wrench will be required to remove it.

However, it is highly recommended that the screw be installed on all other applications.



7. Tighten the Upper Screw to 20-inch pounds.



8. Install Handguard Panels and other accessories.

Installation complete.



RAS II allows normal 4x ACOG scope and simultaneous 300 Meter or 600 Meter Flip-Up Rear Sight mounting.



KAC Low Profile Aimpoint Mount (P/N: 99430) is recommended the RAS II's higher "Midsection Rail" section.