

RAS INSTALLATION INSTRUCTIONS FOR: H&K MP5/94, HK 53/93, AND G3/91

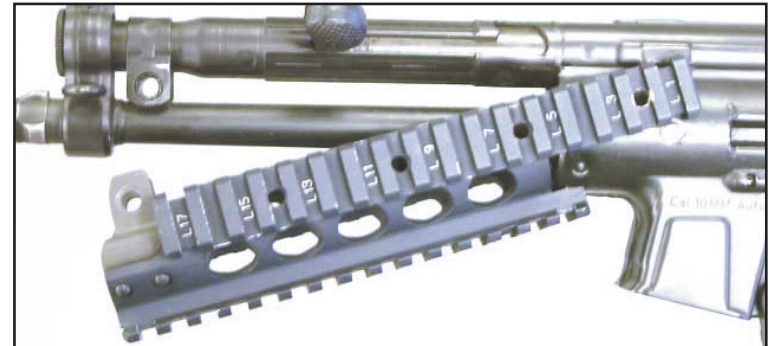
Installation

1. Be sure your weapon is unloaded and on SAFE.
2. Push out the H&K's spring lock handguard pin, and remove the standard plastic handguard from the weapon's forend.
3. Remove the RAS from its packaging and remove the Handguard Panels by pressing in on the middle of their spring lock while sliding the panel forward or back. Note that the handguard panel spring lock automatically locks into the narrower slots at the end or in the mid-section of each rail. Also remove the front 10mm Nut and 4mm Hex Head Screw from the RAS's front bracket.



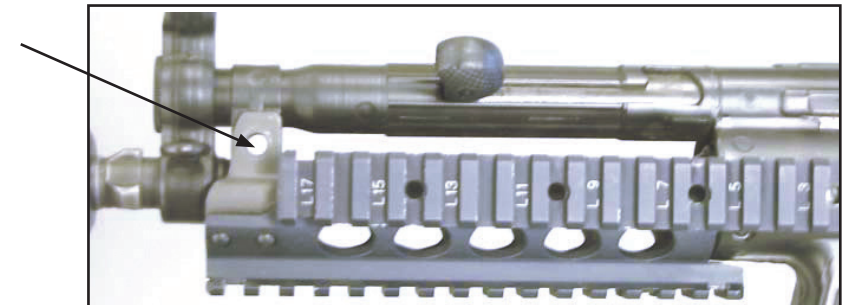
*NOTE: There is a 1/8-inch Hex Head Screw in slot B7 that it is loosely engaged with rear clamp on the underside of the RAS assembly. **It is not necessary to remove this screw.***

4. Install the RAS from under the barrel. Present the RAS initially at about a 25° angle so the lip of the rear clamp first enters the groove formed at the front of the H&K's receiver ring. When the rear of the RAS contacts the H&K's receiver, maintain rearwards pressure and swing the front of the RAS up to the barrel.



NOTE: Holes in the RAS's front bracket should now be aligned with the H&K's handguard spring lock pin hole.

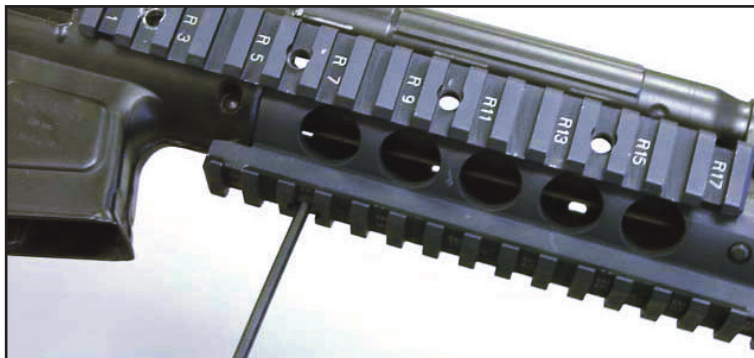
5. Re-install the RAS's front bracket 4mm Hex Head Screw and loosely install the 10mm nut with the flat side of the nut against the bracket.



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6. Tighten the 1/8-inch Hex Head Screw in slot B7 to 20-inch pounds. DO NOT OVERTIGHTEN. Be sure the lip of the rear clamp is engaged in the groove formed at the front of the H&K's receiver.

NOTE: If no torque wrench is available, tighten the screw "light to medium tight" with a small Allen wrench. Over-tightening is not necessary because there is a patch of thread locking material on the screw threads to keep the screw from loosening. Do not use the long arm of an Allen wrench as a handle to tighten the screw, use only the shorter arm to tighten the screw as shown and thus limit torque.



1/8 inch Hex Wrench. **DO NOT OVER-TIGHTEN**

7. Tighten the 10mm nut at the front of the RAS to medium tight. The nut is a self-locking "crimp" style and should be difficult to turn as it is tightened. Re-install the handguard panels. INSTALLATION IS COMPLETE.

NOTE: if the KAC Forward Pistol Grip is to be used with the RAS, a 6-Rib panel should be latched into slot B5 and the pistol grip centered over slot B17. There are also other pistol grip combinations possible using 5, 4, or 2-Rib panels. The 11-Rib panels may be reduced in length for customized installations as well.



10mm Wrench

4mm Hex Wrench



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KNIGHTS ARMAMENT

RAIL-IN-00046

ADDITIONAL ASSEMBLY DETAILS : KAC H&K RAS ACCESSORIES PG 3

Forward Pistol Grip centered over Slot B17 on H&K Rail Adapter System (RAS). Also shows 6-Rib Handguard Panel locked to Slot B5.



H&K Aimpoint COMP Mount installed on H7K RAS to Slot L2 and R2 with 1/4-20 Hex Head Screws.



H&K Aimpoint COMP Mount
PN: 99048

H&K Aimpoint Mount installed on RAS with MR3 Tactical Flashlight attached to forward left-hand rail, Slot L17. Also illustrated is a 5-Rib Handguard Panel installed behind the MR3.





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KNIGHTS ARMAMENT

phone (321) 607-9900
fax (321) 268-1498
701 Columbia Blvd., Titusville, FL 32780
www.KnightArmCo.com
CAGE Code: 1S002

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