

HMA 2 – Installation

A. System Parts:



B. General instructions

- Use an electric screw driver with 4mm Hex head for the M6 screws.

Torque recommendation: 4.5-5 Nm (Max Torque to be used: 5.2 Nm)

N₀ recommendation: 300-350 rpm (N₀ Max to be used: 380 rpm)

*HMOUNT's internal installations are done with a BOSCH GSR 120-Li electric screwdriver with Torque level of 7 or 8 max (for more power) with N₀ speed level 1

- Use Hex key 3mm for the M5 screws.
- Make sure to use matching screws and nuts with the exact specs.
- Screws and nuts supplied by HMOUNT for end user usage* are:
 - M6 DIN 7984-A2 M6 x (35/40/45/50/55/60) (304 Stainless Steel Black Oxide)
 - M6 Nuts DIN 985-A2 M6 (304 Stainless Steel Black Oxide)
 - M5 DIN 7991- A2 M5x12 (304 Stainless Steel Black Oxide)
 - M5 Nuts DIN 439- A2 M5 (304 Stainless Steel Black Oxide)

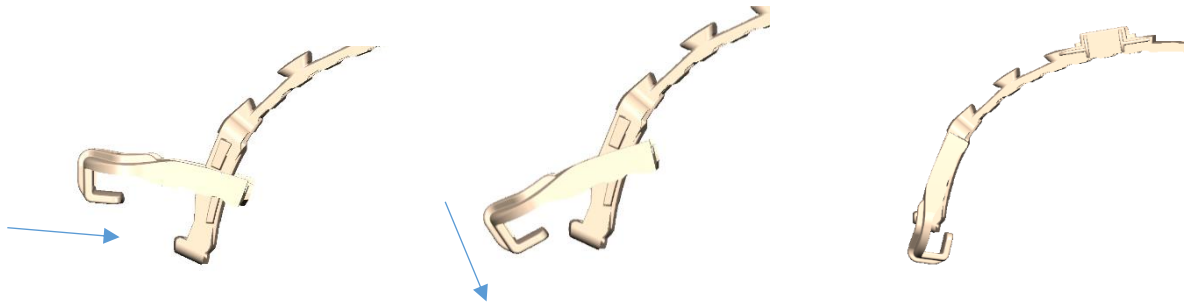
* M6 Nuts DIN 439- A2 M5 (304 Stainless Steel Black Oxide)

Use only screws and nuts provided or authorized (listed above) by HMOUNT.
Other screws and nuts might damage the product and will **void the warranty**.



C. Installation instructions:

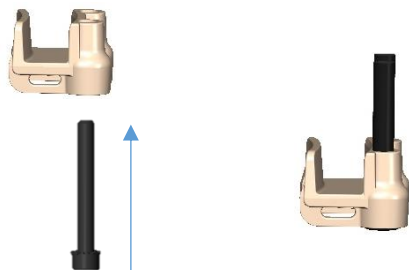
1. Place the five M5 nuts in their cavities located in the center internal area of the FB unit. Make sure they are pressed into the cavity.
2. Attach the front clamp to the FB unit.



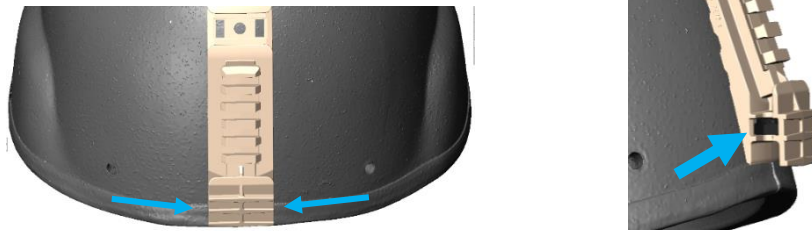
3. Install the front clamp so it grips the helmet's edge in the front and in the center.



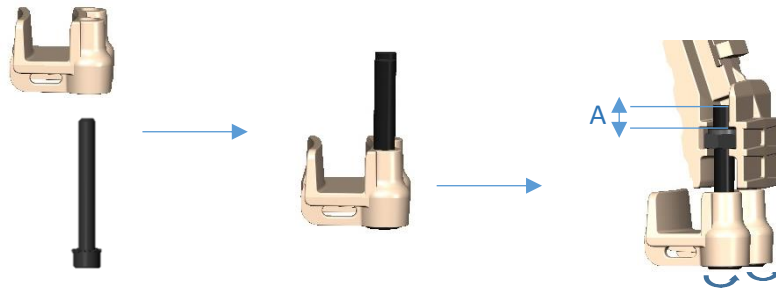
4. Make sure the FB stretches from front to back and is aligned with the Helmet's center.
5. Insert the M6 screws into their cavities in the Back Clamp and insert them in



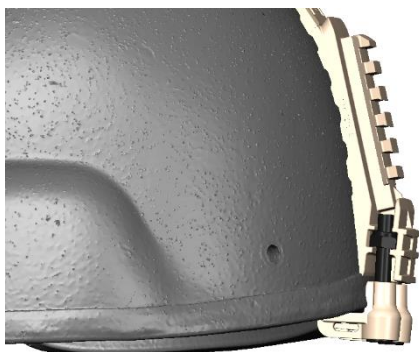
6. Our system may be supplied with a few lengths of M6 screws to match different helmet sizes.
7. Place the two M6 nuts in their chambers located in the back of the FB unit. Keep holding them secured.



8. Install the back clamp so it grips the helmet's edge in the back and in the center. Screw the two M6 screws through the back clamp until they reach and hang into their nuts. Ideally, the screw needs to pop out 4-7 mm (A) above the nut after being fully screwed.



9. Keep screwing the M6 screws in small steps, each screw at a time until the main unit is with full, even and tight contact with the helmet and the unit doesn't move.



10. The A-2P add-on unit can then be placed across the main unit and be installed by screwing the M5 screws. screw all the M5 screws.

