

About XCGEAR

XCGEAR, LLC was founded in 2015 by dirt bike enthusiast and inventor, Lance Smith.

Lance started riding dirt bikes when he was 10. In his mid-20s he began racing in the Mid-South area, and won his first two races. After that, he was hooked, and has been racing ever since.

But like a lot of dirt bike racers, Lance had his share of injuries, particularly to his hands and wrists. He began a quest to reduce vibration and impacts to those areas.

In 2014, Lance developed an idea for a completely free-floating handlebar mount with no metal-to-metal contact that would absorb impact and vibrations in 360 degrees of movement. That idea evolved into our MAKO360 mount.

With thousands of rider hours in testing and refinement, our flagship product, the MAKO 360, was released in 2016. Since then, it's gotten worldwide attention for its innovative design.

Due to widespread demand Lance turned his attention to designing a product specifically engineered for the unique demands of mountain bikes. The result: the incredibly strong but also lightweight HAMMERHEAD360.

SUPPORT: info@xcgear.com

Replacement Polymers: xcgear.com

Polymers should be replaced annually;
they lose their elasticity.



Proudly produced in the USA.
022821



Stem



Shark Bite Upper



Top Clamp (2)



Shark Bite
Polymer



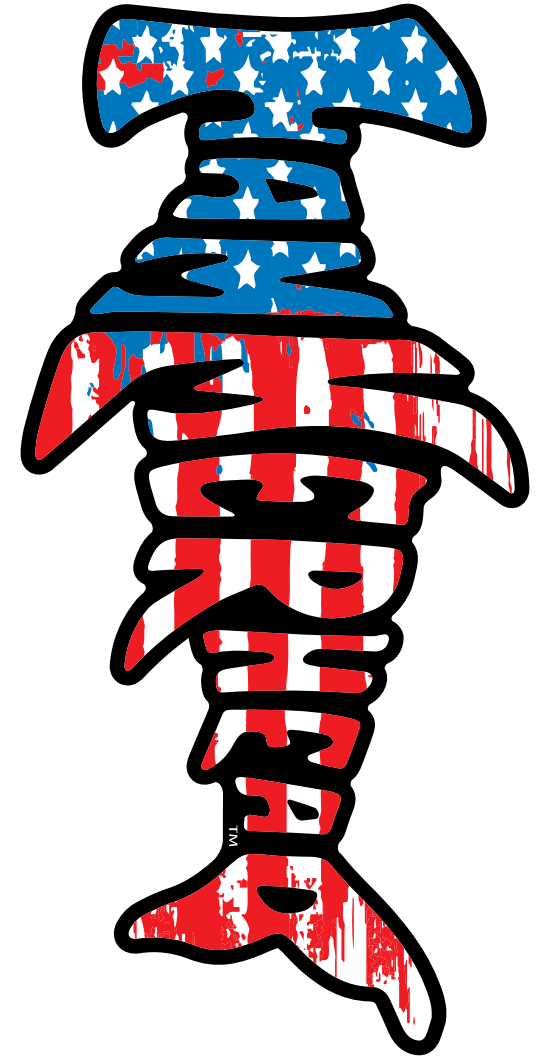
Shark Bite Lower



Handle Bar
Polymer (2)



16MM (6) 14MM (4)



Installation Guide

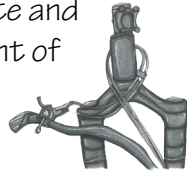
You'll need a metric torque wrench.
Go slowly and allow about 20 min.



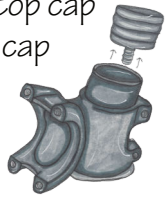
HAMMERHEAD360 Install

Position the bike so that the front tire is on the ground and the back tire is stationary.
Installation Video available at xcgear.com.

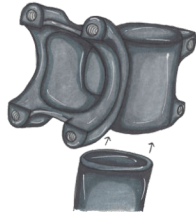
Step 1: Remove stem faceplate and rest handlebars in front of the bike.



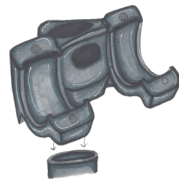
Step 2: Remove top cap bolt, top cap and any spacers above the stem.



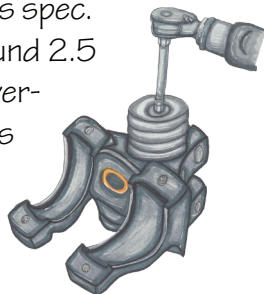
Step 3: Remove stem.



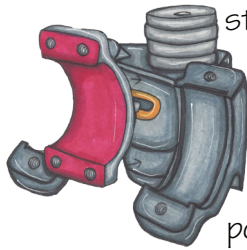
Step 4: Install **HAMMERHEAD360** stem on steerer tube, but do not install the two M5x16 bolts yet.



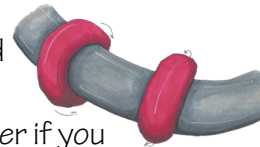
Step 5: Reinstall any spacers that were removed in Step 2. Reinstall steerer tube top cap and torque top cap bolt to manufacturer's spec. Generally its around 2.5 Nm and do not over-torque. Now press shark bite polymer into the shark bite polymer cavity in the **HAMMERHEAD360** stem.



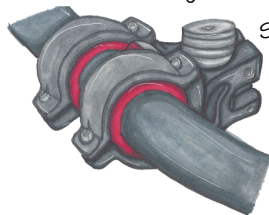
Step 6: Install bottom half of shark bite clamp into **HAMMERHEAD360** stem by pressing the protrusion into the shark bite polymer. There is a small ledge on the protrusion and it will bottom out on the shark bite polymer. Note: If you have carbon bars, you will want to apply fiber-grip to the inside diameter of the shark bite clamp.



Step 7: Wrap the bar polymers around the handlebars.
Tip: It will be easier if you orient the cuts in the bar polymers to the bottom of the handlebars.



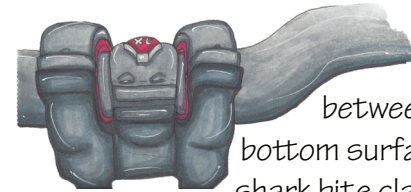
Step 8: Place the handlebars into the **HAMMERHEAD360** subassembly. Take note that the bar polymers are fully seated into the stem on both sides. Now install both top straps with the four M5x16mm bolts, but do not tighten fully yet. Leave the bolts loose enough to allow you to set your handlebar position. Set bar position and torque the bolts to 5.5Nm once you approve the bar position. *Make sure bar polymers are fully seated and not bulging. Do not overtighten.*



Step 9: Set the top half of the shark bite clamp to the subassembly, place two M5x 14mm bolts in the **top** holes and torque to 5.5Nm. Note: Check your bar position at this time. If you need to adjust, loosen the top two bolts and adjust. Retorque to 5.5Nm.



Step 10: Install the two M5x14mm bolts in the **bottom** of the shark bite clamp. You will have an engineered gap between the two bottom surfaces of the shark bite clamp.



Step 11: Ensure your handlebars are squared with the front wheel and install the two M5x16mm bolts in the **HAMMERHEAD360** stem and torque to 5.5Nm.

Step 12: Go shred! You are finished!

