

You'll Need These Tools:

Torque wrench and 10mm socket (12pt works best)	
8mm Allen wrench T45 Torx wrench	
Rubber Mallet	
17mm wrench (on some kits)	
Blue Loctite®	

SPURZ™

If you love what we're doing for your hands and arms, just think what our impact reduction does for your feet & legs!



The foot platform of the SPURZ is completely isolated from any metal-to-metal contact with the other parts of the motorcycle.

The engineered polymers that the foot platform is riding on compress upon impact and they allow slight "fore" and "aft" movement of the feet, as well as, additional flexing. [Available from your local dealer or www.xcgear.com/spurz.](#)

Maintenance

We recommend that you apply a spray-on lubricant (WD40 or similar) to the fasteners before the first use and after washing your bike. This will keep them shiny and help make them easier to clean the next time you wash your bike.

Do not use cleaners on the MAKO360 as some can be damaging to the finish!

Polymers

The polymers are easily replaceable and can be ordered from your dealer or [xcgear.com](#).

Bar Polymer Color	Usage/Skill Level	Riding Hours (approx)
Green	Race/Trails Pro/AA/A	150
Red	Race/Trails/Dual Sport A/B/C	100
Orange	Trails/Dual Sport/Hard Enduro	100
Shark Bite Polymer Color	Usage/Skill Level	Riding Hours (approx)
Blue	Pro/AA/A	100+
Yellow	AA/A/B	60+
Green	A/B/C	40+

Need help?

We're available! First, check out our website for installation videos and tips: [xcgear.com/support](#).

You can also reach us at info@xcgear.com or call us at 901-351-8699.

Please follow us to keep up with the latest information about our products:

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MAKO360™

Installation Guide

XCMUBCK690K2



WARNING: Use at your own risk. Do not ride if there is missing or damaged hardware. XCGEAR, LLC makes no guarantees or representations, express or implied, regarding the fitness of its products for any particular purpose. XCGEAR, LLC makes no guarantees or representations, expressed or implied, regarding the extent to which its product protects individuals or property from injury, death or damage.

Some cleaning solutions contain agents that can be damaging to the finish on your MAKO360.
Avoid the use of cleaners on the MAKO360 as this will not be considered a warrantable claim.

Thank you for purchasing the best vibration and impact damping system on the market!

Please read *all* the instructions *before* you get started.

What's In The Box:

1	Upper MAKO360™ clamp	
2	Stabilizer Mount Perches (Left & Right)	
1	Upper and lower Shark Bite™ clamp	
12	20mm bolts (4) and 25mm bolts (8)	
1	Stabilizer Straight Arm	
2	Perch bolts	
3	Shark Bite™ polymer (1) and bar polymers (2)	
4	Lower Cones (w/threaded holes)	
1	Steering Stem Bolt	

Step By Step (please read through all the directions first!)

1. **Remove top half of handlebar perches.** Rest handlebars in front of the triple clamp.
2. **Using a T45 Torx, remove the stock perch bolts and pull the stock perches off.** Now thread the stock perch bolts a couple turns back in the threads of the lower assembly and carefully strike the bolts with a mallet to remove the factory lower perch nuts and all four rubber cones.
3. **Install the stabilizer tower per the manufacturer's directions for it.**
4. **Loosen the pinch bolt that locks the steering stem nut and remove the factory stem nut.** Install the supplied flat steering stem nut and tighten the pinch bolt.
5. **You have two aluminum cones marked UB690. Place one each up into the lower bar perches.** These two cones do not have threads, they have pass-through holes. **Set the bottom perches into the triple clamp.** Apply blue Loctite™ to your perch bolts and place the remaining two cones up into the bottom of the triple clamp and thread the perch bolts into them. **Do Not Tighten Yet!**
6. Install the flat arm on your stabilizer and install the stabilizer **but do not fully tighten yet!** Make sure to check your pin height on the tower.
7. You will now use your top clamp as a alignment tool for your bottom perches. **Take the top clamp and set it on your perches so that you only use the front set of holes on the bottom perches.** You will need access to the perch bolts, that's the reason to only use the front four holes. Place four of the M8 x 20 bolts in the holes and snug them.
8. **Now tighten the two stabilizer mounting bolts and torque the perch bolts to 35 ft lbs.**
9. **Remove the MAKO360 top clamp, turn upside down and install the shark bite polymer in the top clamp.** Top half of shark bit clamp has a + (positive) sign on the front of the shark bite clamp. Push the shark bite clamp into the top clamp/shark bite polymer. **The plus sign must face the front of the motorcycle.**
10. **Wrap the large bar polymers around the handlebars and set handlebars in the bottom perches.** It does not matter where the slice in the polymers set in the clamp.
11. **Place the MAKO360 top clamp/shark bite assembly down on the bars and install the supplied 8 (eight) 25mm bolts.** Tighten the bolts in a criss cross pattern while simultaneously adjusting the handlebars to your desired position. Torque the top clamp bolts to 12 ft lbs.
12. **Place the bottom half of the shark bite clamp under the handlebars and install 2 of the 20mm bolts in the front of the shark bite clamp where the + (positive) sign is located and torque to 12 ft lbs.**
13. **Install the last 2-20mm bolts in the rear of the shark bite clamp and torque to 12 ft lbs.**
14. You are finished! **Enjoy your more comfortable ride!**

Pro Tip:
Never tie your bike down from the handlebars. You place unneeded stress on the polymers.