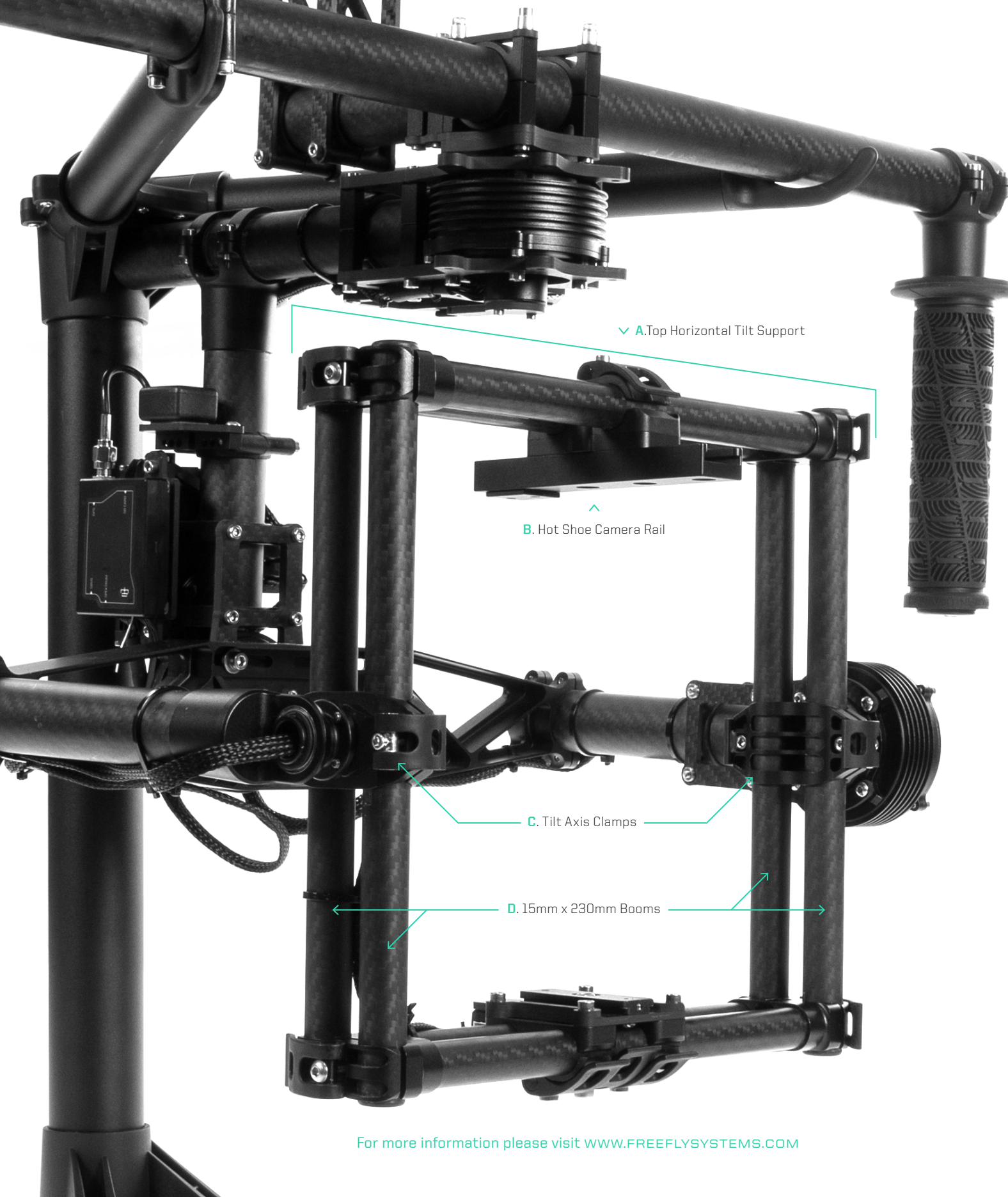




MAVIM10 FULL CAGE UPGRADE

In this box you'll find everything you need to upgrade your M10 to a full-cage MōVI. The upgrade will give you a more solid mounting platform, attain higher stiffness settings and tuning to help you get more stabilized images - especially with lighter camera setups.

Give yourself about 20-30 minutes to make the upgrade. The only tools you'll need are your 2.0mm and 2.5mm allen drivers and a pair of scissors. Carefully follow the instructions on the back of this card or watch the video found on the tutorials section of our youtube page.

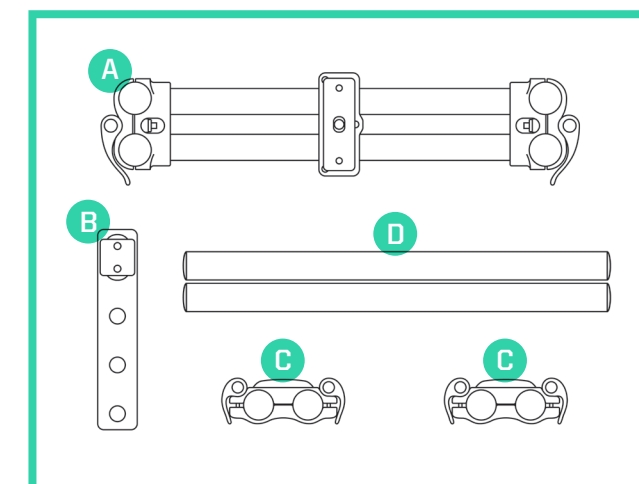


✓ A. Top Horizontal Tilt Support

^ B. Hot Shoe Camera Rail

— C. Tilt Axis Clamps

← D. 15mm x 230mm Booms



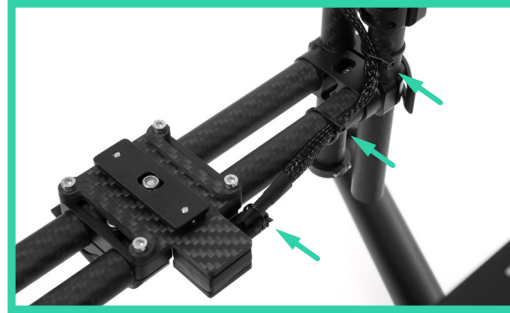
For more information please visit WWW.FREEFLYSYSTEMS.COM

MōVI M10 Full Cage Upgrade

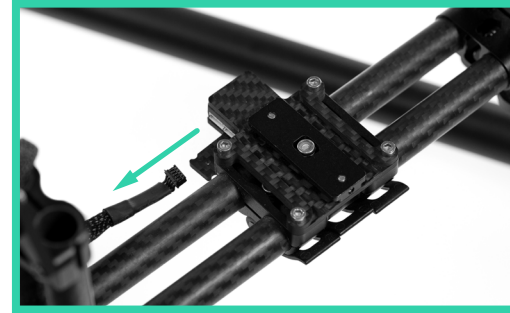
INSTALLATION INSTRUCTIONS



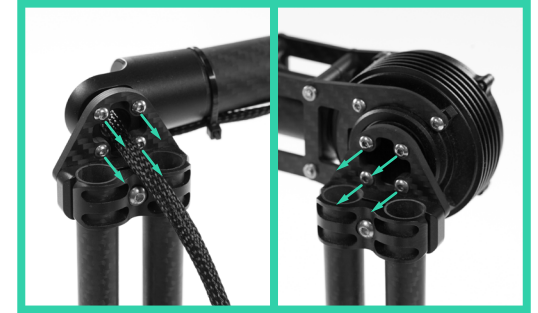
01. Place your MōVI M10 on the stand without a camera.



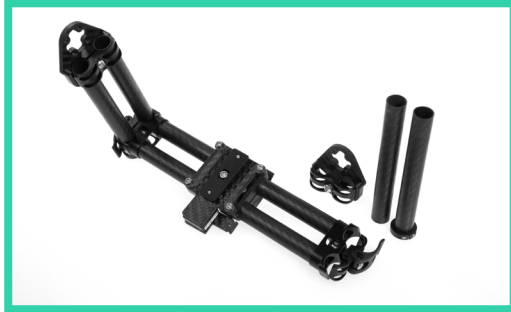
02. Cut the 3 zip ties that are around the IMU cable and the 15mm booms on the vertical and horizontal tilt adjustments.



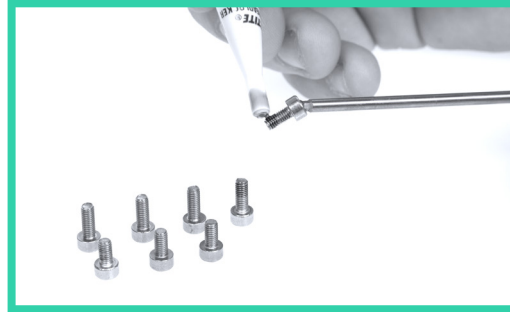
03. Remove the IMU cable from the IMU puck and unthread the IMU cable from tilt bearing.



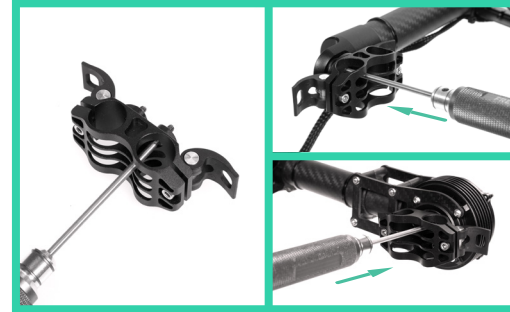
04. Remove the 4 M3x8 screws from the tilt cage to the tilt bearing as shown. Next remove the 4 M3x8 screws on the opposite side of the cage at the tilt motor. It is now safe to remove the tilt cage. Be sure not to snag the IMU cable during removal.



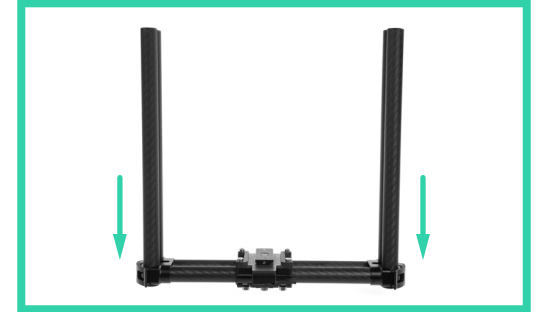
05. Release adjustment clamps and remove vertical adjustment tubes from horizontal tilt assembly.



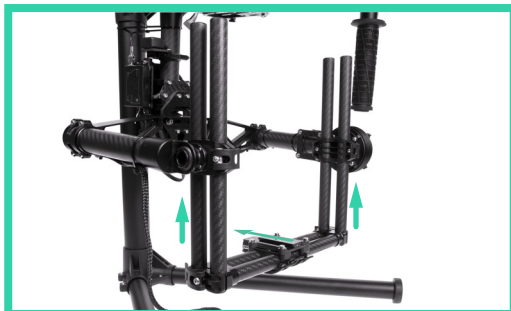
06. Lightly apply Loctite 243 onto the last 5 threads of the M3x8 screws that go into the threaded holes on the tilt motor, and the last 5 threads of the M3x6 screws that go into the threaded holes in the tilt bearing axis.



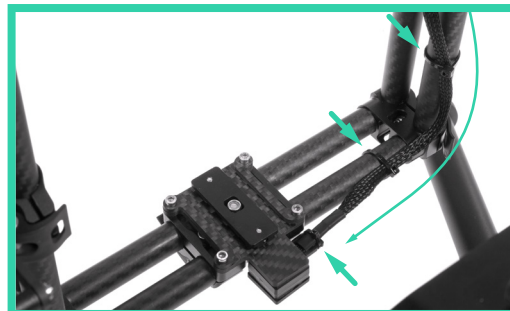
07. Attach the tilt axis clamp assemblies to both the tilt bearing and the tilt motor using the provided screws. Use the M3x6 screws at the tilt bearing and the M3x8 screws at the tilt motor.



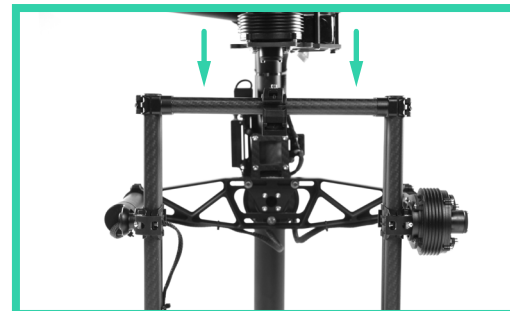
08. Attach the 15x230mm carbon tubes to the horizontal tilt support that has the IMU puck installed. The bottom of the 4 carbon tubes need to be flush with the horizontal tilt support.



09. Slide the tilt assembly, with new 15x230mm booms installed into both of the tilt axis clamp assemblies. Verify camera rail with IMU puck is pointed inward towards the roll beam. Ensure they are slid evenly into the new tilt axis clamps and then close the clamps to lock in place.



10. Route IMU cable back through the tilt bearing. Reconnect puck cable to IMU puck. Use the provided zip ties to secure puck cable to vertical and horizontal tubes and the puck cable strain relief.

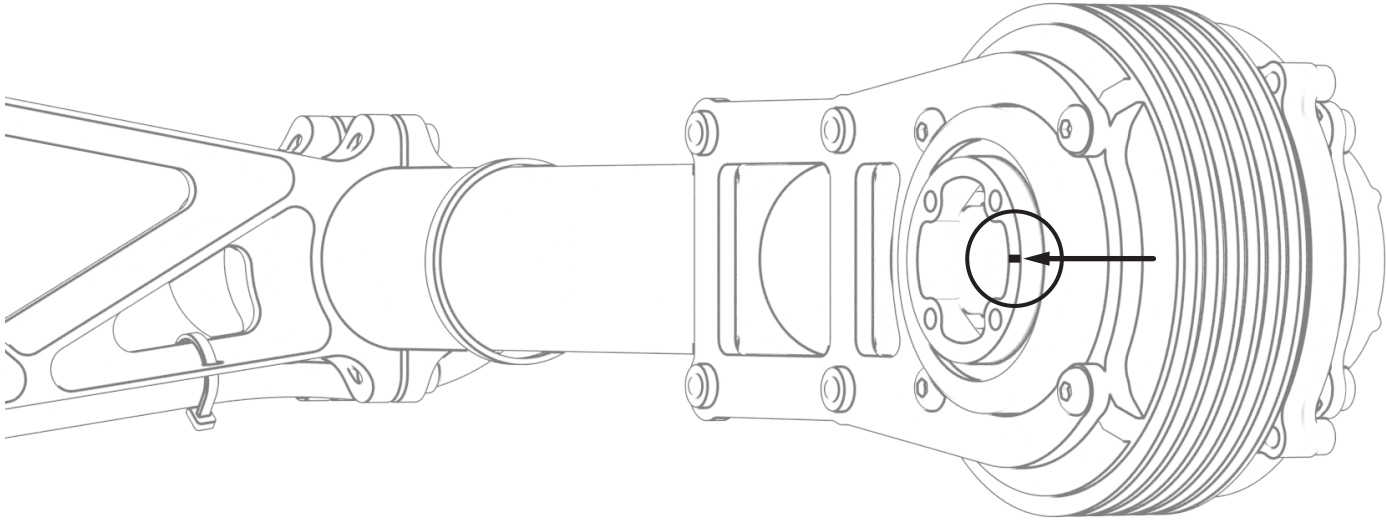


12. Attach the new top horizontal tilt support by sliding it over the 15x230mm tubes and then close the clamps to lock in place.



13. The MōVI is now ready for use.

MARK MOTOR ORIENTATION UPON DISASSEMBLY



PROPER MOTOR ORIENTATION IS CRITICAL

We recommend marking the orientation of the tilt motor when removing the original cage bracket. You can use a pencil to mark the front of the camera cage on the motor once the bracket is removed. Ensure that the position is the same when reassembling the tilt assembly.

If you have any questions, please contact customer service
at support@freeflysystems.com