

M Series Stacking Frame Flange Bearing Replacement Instruction Sheet

INTRODUCTION:

This procedure applies to all M Series Models. The instructions explain how to remove and replace the feet of yaw, roll/pitch adjusters of the stacking frame PN 000-101108-01.

⚠ WARNING SAFETY CRITICAL ASSEMBLY! These work instructions must only be performed by an accredited service technician.

KIT REQUIRED

Flange Bearing Kit; Christie PN 003-002850-XX (Refer to [Figure 1](#) & [Figure 2](#))

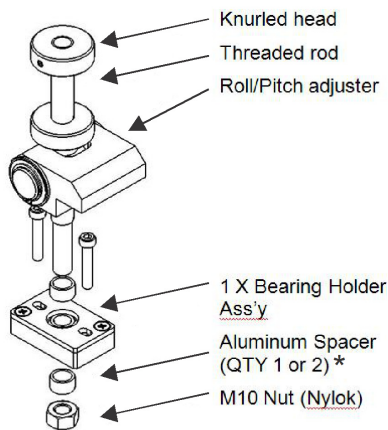


Figure 1 Roll / Pitch Assembly

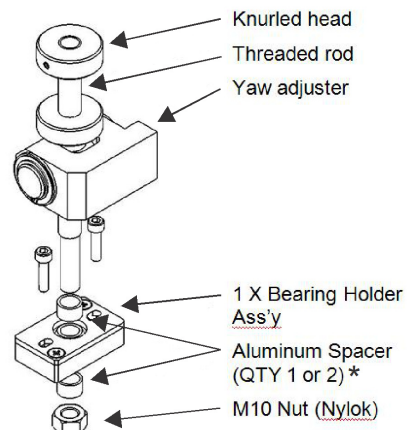


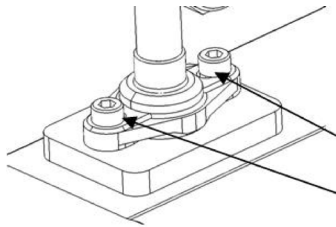
Figure 2 Yaw Adjust Assembly

*Top spacer may not be present on some models. In this case replace bottom spacer only.

TOOLS REQUIRED

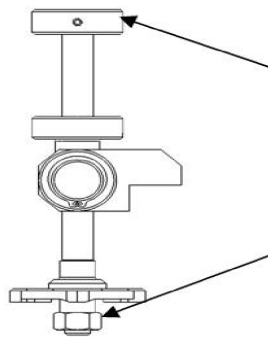
- Allen Keys (4mm & 5mm)
- Torque Wrench with M4 & M5 Allen heads
- 242 Loctite®
- Wrench (17mm)

INSTRUCTIONS



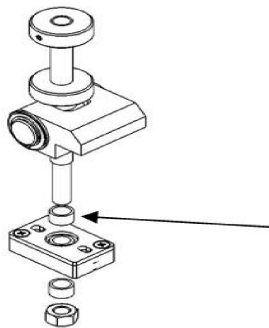
Step 1

Remove and retain the 2 X M5x25mm LG Socket Head Cap Screws.



Step 2

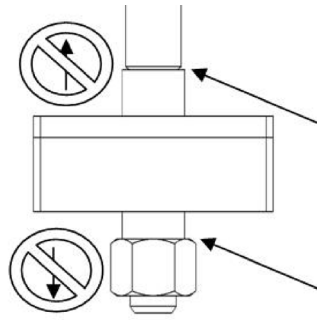
Remove and retain the M10 Nut (Nylok) by holding the knurled head in one hand and using a 17mm wrench to remove the nut.



Step 3

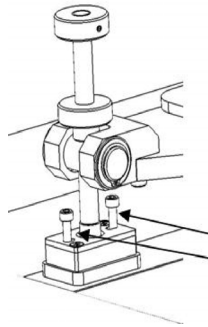
Re-assemble as shown and add the new Bearing Holder Assembly in between the two new aluminum spacers provided.

NOTE: *Top spacer may not be present on some models. In this case replace the bottom spacer only.*



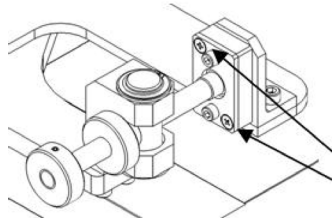
Step 4

Secure the Nylok nut; avoid over tightening, as it may damage the spacers. **NOTE:** *Ensure there is no axial play in the assembly. Ensure there are no gaps between the aluminum spacers, the shoulder of the threaded rod and the nut.*



Step 5

Apply 242 Loctite® to 2 X M5x25mm LG fasteners and turn them into the slotted holes in the Bearing Holder Assembly to mate with the Stacking Frame. Torque the fasteners to 2.4 N*m (21.2 lb*in).



Step 6

The yaw adjuster is assembled similarly, but the existing M5 Socket Head Cap Screws are replaced with M5x25mm LG Socket Head Cap Screws. Apply 2.4 N*m (21.2 lb*in) of torque and 242 Loctite®.