

Check Bolt Tightness:

Maintenance of DAESSY Mount Assemblies and Components mainly involves checking the tightness of bolts, particularly those of the Swivel Clamp securing the Frame Clamp Assembly together and those securing the Inner Piece cap to body, and the IPA or track nut where applicable. Under rough conditions of use or through vibration bolts may become loose and need re-tightening. Periodically check all bolts of the mount and tighten as soon as any loosening is apparent.



Swivel Clamp notes: The Swivel Clamp secures an inner piece and outer receiver of the Frame Clamp Assembly and allows for slip when a mount is overloaded to minimize damage to mount components by an overload. It is important to regularly check and re-tighten as necessary. Alternately tighten the two bolts changing between each until both are secure; this will draw the clamp together evenly and securely.

*Swivel Clamps are available for purchase individually to replace worn parts.

Lubrication:

DAESSY Mounting Assemblies are supplied with Vaseline™ used as a lubricant. Occasional re-lubrication may be necessary for the pull pins of the quick release base and this may be done with Vaseline™ or with the 'dry' lubricants that may be purchased for use with locks. Lubrication at the hole for the stainless steel tube on the Frame Clamp Outer Piece (UFCOP) is optional. These are not lubricated when supplied but after some use the tube may slide easier if the hole is lubricated with a 'dry' lock lubricant.

Cleaning:

Surfaces of the DAESSY Mount Assemblies and Components may be cleaned by wiping down with a solution of mild dish detergent or disinfectant wipes. Components with smaller gaps and openings such as the quick release bases and the RFCR receiver should be cleaned periodically with a cotton swab (Q-Tip™) to clear any dirt or debris that may affect the fit of associated components.

Adjustments

The DAESSY Mounting System is designed to allow very good positioning for a mounted device but is not intended for frequent adjustment and all the locking and clamping systems use bolts and Allen keys. Some adjustment may occasionally be required when the mount has been accidentally pushed out of position and movement has taken place at the connections between parts and the tube that are held by Pinch Clamps or when reconfiguration is needed.

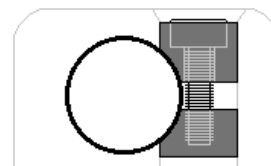


The Pinch Clamp does not normally damage the stainless steel tube unless severely over-tightened and will slip on the tube when overloaded. However, loosening the Pinch Clamp for re-adjustment is sometimes difficult as they can jam.

when strongly tightened. The pieces of the Pinch Clamp can turn in the hole such that the radiused cutouts are not aligned with the hole wall and the path for the tube through the fitting is obstructed. The Pinch Clamp is easily re-aligned by very carefully inserting a finger into the tube hole before the tube is installed; the edges where the holes intersect are sometimes sharp so caution is required.

Tightening Pinch Clamps:

Do not attempt to clamp the tube so tight that it will not move – this is simply not possible. Over-tightening the Pinch Clamps will damage and deform the tube, possibly jamming it in the tube hole.



Removing Jammed Pinch Clamps:

Pinch Clamps may jam when they have been strongly tightened. This may happen at the Index Clamp (IC1), Removable Outer Piece (ROP) and at the Folding Mechanism tube mounts (RTH2RTHM).

- For removal first slacken the bolt about 2-3 turns.
- Tap on the bolt head until the Pinch Clamp is loose or shows some movement.
- Rotate the stainless steel tube and wiggle the component. (WD40™ may be used for very tight instances)
- Completely remove Pinch Clamp and tube, clean openings and lubricate as needed (lubrication notes above).