

# AKZ RIB REPLACEMENT INSTRUCTIONS (using rivets)

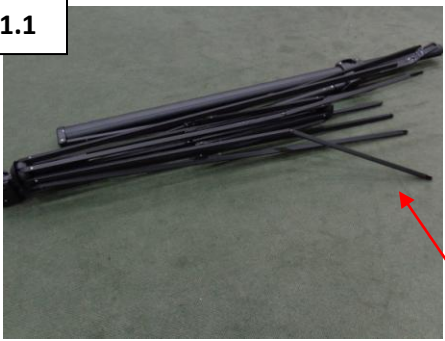
REQUIRED ITEMS: rivet gun, rivets, hex wrench, drill

NOTE: Follow these instructions if only the rib is damaged. If the notch, runner, or rib ends are damaged, those parts need to be replaced as well.

Remove the canopy from the cantilever prior to repair. Read these instructions completely before attempting replacement.

## STEP 1 – Identify the broken rib

1.1

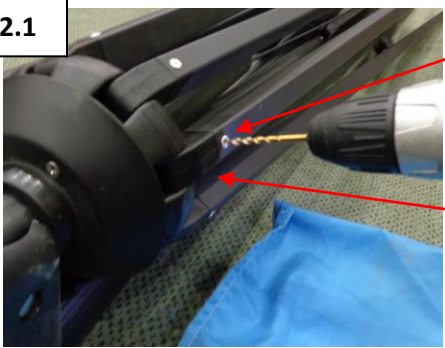


Remove the AKZ from the rotating hub by using the hex wrench to remove the main frame bolts at the bottom of the main frame stand. Lift the AKZ frame off the rotating hub and place on a soft, flat surface.

Identify the broken rib.

## STEP 2 – Remove the broken rib


2.1



Use a drill to remove the rivet at the notch. Make sure the drill bit is no larger than the rivet. Drill carefully, so as not to damage the rib end.


Rib end

2.2



Remove the rib from the rib end.

2.3



Identify the broken rib's rivet at the runner.

Repeat steps 2.1 & 2.2 for the same damaged rib.

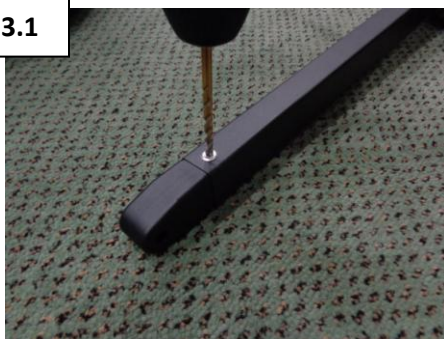
2.4

Now the broken rib should be removed.

Dispose of the broken rib.

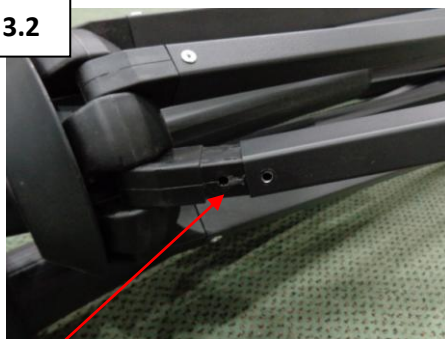
### STEP 3 – Rivet new rib to rib ends

3.1



Take the new rib and remove both rib ends. Use the drill to remove the rivet, then pull the rib end out.

3.2



Insert the new rib onto the rib end hanging from the notch.

3.3



Insert the short, thick end of the rivet through the rib and rib end.

3.4



Use a rivet gun to insert the rivet.

3.5



Squeeze the handles of the rivet gun until the rivet is applied.

3.6



Insert the other half of the new rib into the rib end hanging from the runner.

3.7

Insert the rivet into rib end at the runner. Use the rivet gun to apply (Reference steps 3.3-3.5).  
Lift the AKZ frame back onto the rotating hub and use the two main frame bolts to tighten the main frame stand into place.

**REPLACEMENT COMPLETE – TEST TO ENSURE CORRECT FUNCTION**