

Cutting Down the BR-ASM2 / BR-ASM3 Mount Bracket

1) Remove the main ceiling base plate nut and bolt. These use a thread lock, and some are easier than others to unbolt.



2) Use ½” dia. hex socket / wrench on the Hex Nut side, and a 6mm / 15/64” Hex / Allen wrench for socket head screw unbolting. Remove Nut first, then the bolt can be worked out with the Allen wrench, to release the baseplate that holds on the tubular extrusion.



3) Remove the tubular extrusion from the baseplate. A rubber / plastic head mallet may be needed to free up these tight fitting mated parts.



4) Then measure, & mark the lower / outer tube extrusion to cut. Wrapping all parts in stretch wrap (Saran wrap or similar) wrapping parts in several layers to protect parts paint finish during processing / cutting.

5) CUTTING TUBULAR EXTRUSIONS:

Depending on precision of end overall measurement, you can cut both telescoping tubes together, or apart for a more precision finished product end cutting. If more precise length is needed, cut the two telescoping round extrusions separately then reassemble later to be sure both parts assembled are preferred mated length from base plate to bottom collar of knuckle.

The Aluminum tubing can be cut with a hack saw, a reciprocating “sawzall” with a fine metal cutting blade, or chop saw / circular saw with at least 24 tpi cutting blade, to make a smooth cut. Cuts should be made as perpendicular as possible to the tubular extrusions, for best fitting & mating results.

Sand & deburr all cut edges, both on inside and out of cut surfaces edges of tubular extrusions, to create a smooth edge on cut material.

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6) There is a rib on two sides of the outer telescoping tube that must be ground down smooth & round to fit inside & mate the tube to the baseplate.

A belt sander is ideal to remove these ribs on each side of outer tube extrusion, but a small grinder, or hand file can also be used.



Mark each of two ribs 1" from edge, to be ground flush to fit back into the base plate, on each of two opposite Rib features. If not already done, wrap parts with stretch wrap to protect finish, then grind off the raised ribs to flush with round extrusion, so the baseplate flange fit over the round extrusion.

7) Reinstall baseplate onto outer round tubular extrusion, and be sure the two side ribs on the tubular extrusion are centered up & line up with the holes on each side of the mating round baseplate.



Also be sure the cut end bottom of the tube is fully inserted & bottom out with the inner limiting flange on round baseplate (above right image). The tube must be perpendicular with baseplate & inserted to its full depth to properly mate these two parts, with no significant gap at bottom of two mates.

8) Mark & re-drill the two holes in the newly cut outer telescoping tube extrusion that anchors the baseplate set bolt holes. Drill holes on both sides of tube to allow thru bolt insertion. Hole is for M8 bolt is approx. 0.31" DIA.



Reinstall Fasteners



Touch Up Paint



9) Reinstall fasteners of the base plate to tube extrusion & re-bolt together with bolt & nut removed in step 1. Retighten & reassemble all fasteners to final assembly (image; above middle)

10) If needed, touch up the paint such as white Rust-oleum Appliance Epoxy paint is a good match for our standard paint color (shown above right), can be used to touch up scratches or raw metal, if desired. Alternately, use white caulk to cover visible raw aluminum for aesthetic finishing, and allow parts to set & dry.

Mounts are completed and ready to use.