



# Manfrotto Ranker Stand APoS modified Leg & strut Replacement

Modifying the Manfrotto Ranker Stand BAC1005 for WiFi AP on a Stick (APoS) survey work.

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# INTRODUCTION

Remove the legs and struts, shorten them, replace them



## TOOLS:

- [junior hack saw](#) (1)
- [Metal File](#) (1)
- [Pin Punch](#) (1)
- [Drill Press](#) (1)
- [xmm drill bits](#) (1)



## PARTS:

- [Manfrotto Ranker Stand BAC1005](#) (1)
- [M5 dome bolts 50mm](#) (6)
- [plastic M5 washer\](#) (12)
- [M5 captive dome nuts](#) (6)

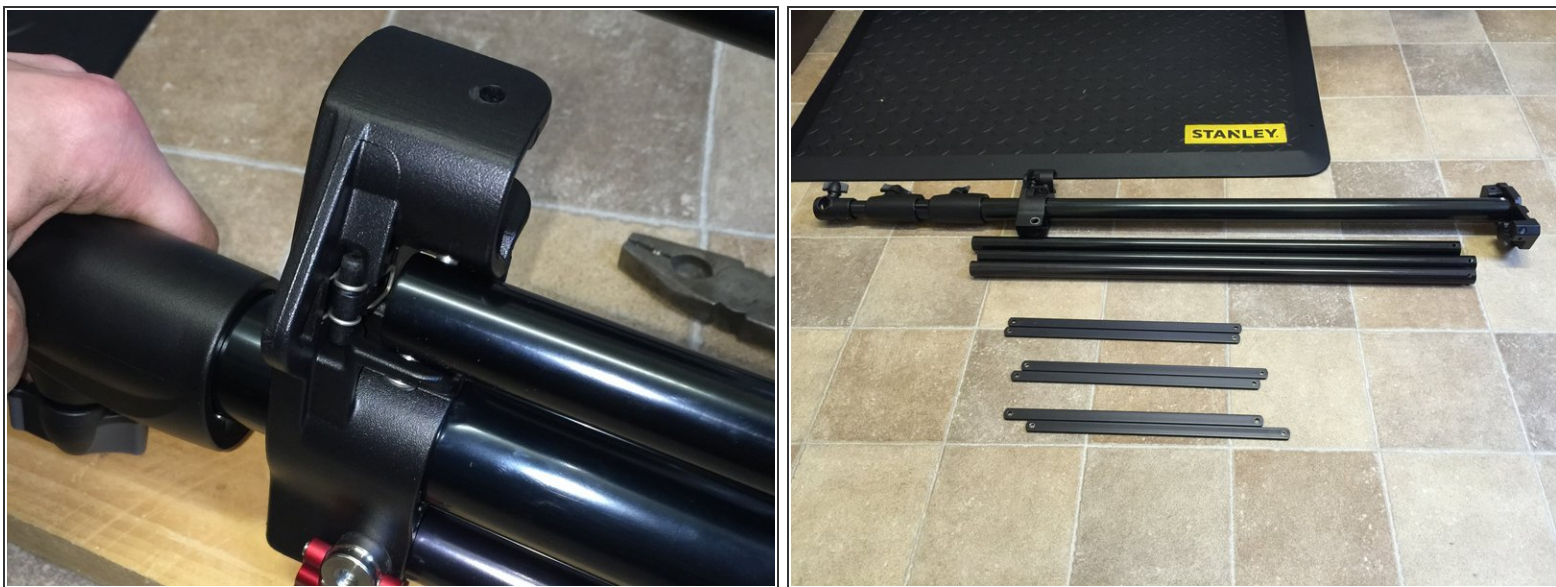


## Step 1 — Rivet Removal



- Using a drill, drill out enough of the rivet head so that the rivet may be removed.
- If the rivet spins, use pliers or a flat head screw driver to hold the rivet in place

## Step 2 — Rivet Removal



- Once you have disassembled the legs and spreader struts

### Step 3 — Cut down the spreader strut



- Cut spreader strut to 200mm
- use a punch to mark the centre of the spreader strut
- drill 6mm hole through spreader strut
- round end off to replicate the original end, with a file

### Step 4 — Cut legs down



- Legs should be cut down to 400 mm