



# Manfrotto Ranker Stand APoS mondified Leg & strut Replacement

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

Written By: nickjvturner



## 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