

Roof Prop Assembly Guide

Thank you for purchasing a Straitline Roof Prop! You will need a Bottom Assembly, Main Pole and Top Section. No matter which top section you have, the preparation steps are exactly the same (available top sections are: Single Pin, Double Pin, Metro Box, Box Tab).



Tools Required

- Tape Measure
- Marker
- Drill with 10mm drill bit
- 10mm spanner
- 6mm allen key
- Threadlock

Step 1

Measure between the underside of the roof beam and top of coaming rail. Make sure this measurement is taken next to the front wall and the rear wall, not the centre of the body.

Step 2

Check the height of the unit at the location where you want the Roof Prop to be installed. This measurement is to ensure the roof is sagging (as it should be without Roof Props) and not bent in an unexpected way.

Step 3

Take the largest height measurement from step 1 and subtract 815mm. For example, height at rear wall is 3035mm, height at front wall is 3040mm.

$$3040 - 815 = 2225$$



Step 4

Using the calculated measurement from step 3, measure, mark and cut the Support Pole Main Pole to length. Measure the Main Pole from the bottom (use the 16mm gudgeon pin hole to identify the bottom - it is located 1020mm from the bottom of the pole).



Step 5

Place the Roof Prop Main Pole into the Roof Prop Lower Assembly. Insert the gudgeon pin and bolt in place using the washers, spring washers and bolts provided (flat washers against the pole, spring washers against the bolt). As the pole will be in a high vibration situation threadlock is also required.



Step 6

Insert the top section of the roof prop into the main pole. This is a tight fit, we recommend holding the pole upside down and tapping on the ground to fully seat it. Top tip: if you get the orientation wrong between the top section and bottom assembly, the top section can easily be removed by inserting a smaller piece of steel inside the main pole and tapping it against the bottom of the top section.



Step 7

Install the top section retaining bolt. Measure and mark 100mm down from the join line between the top section and the main pole on either side of the main pole. Drill with a 10mm drill bit and install provided M10 bolt.



Step 8

Roof props work best when paired with a hanging strap. If you also have a Roof Prop Strap Kit from Straitline Canvas, it can be installed like this: Following the dual hole configuration at the top of the Support Pole Top Assembly, drill the same holes (6.5mm) into the bottom of a Roof Prop Hangar Strap webbing (leaving at least 15mm from the bottom of the strap to the lower hole). Sandwiching the Hangar Strap between the Roof Prop and the supplied Load Plate, install with the supplied 8-10 rivets.

