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Removing and Replacing a Heavy Duty Canopy

Please leave the umbrella in situ and do not lay it on the ground. Tools required: 8 foot ladder, 9/16 spanner, 1/2 Spanner, UltraShade Umbrella Handle, Pop Rivet gun to suit 5/32 rivets, Power Drill, 5/32 Drill Bit

How to Remove:

- Wind the umbrella down so the ends of the arms are about eye height.
- Undo the bolts on the arms with a 1/2 inch spanner.
- Open the umbrella again and then wind closed by about 2 turns- that is to relieve the pressure on the top straps.
- Place a 8 foot step ladder next to the post, climb up the ladder with a **9/16 spanner**.
- Pullthe canopy up from the arm ends so you can see the top of the hat and then unbolt the hat with your **9/16** spanner
- Undo the cam lock buckles, and then pull the top straps out of the buckles and arms.
- Push the canopy over the apex of the umbrella.
- Climb down from the ladder –wind the umbrella down and the canopy will slide off

How to replace:

- Open the umbrella completely and then close the umbrella approximately two turns of the axle and lock it in place with the locking pin this allows you to put the straps between the arms and through the top brackets.
- At this stage if any of the cam lock buckles at the top of the arms are broken, replace them by drilling them out with a **5/32 drill bit** and pop rivet them back on with rivets supplied. Position the ladder between two support arms, ascend the ladder with the new canopy. Unfold the canopy like a book, locate the top hole and situate the hole over the centre of the umbrella
- Unfold the canopy a little bit more and put the straps between the brackets, over the top of the arms arms and through the cam lock buckles and clip up.
- Climb down the ladder, retrieve the hate and put that back on before bolting the canopy to the arms
- Climb down remove ladder and wind the umbrella down completely
- Shake all the fabric down and line up the appropriate arm with the top strap that goes into a buckle
- Open the umbrella to about eye height and bolt the end straps to the umbrella arms
- Open the umbrella completely and get it as tight as possible
- Lock into place with locking pin
- Climb back up the ladder and open cam lock buckles
- Pull the straps through through the buckle and get them as tight as possible
- Follow the open and close instructions for correct operation.
- You can find a video on correct operation at: https://www.youtube.com/@UltrashadeUmbrellas