

MOONSHADE

Using the MoonShade Strut Pole

Purpose: Steps for using the strut pole for mounting MoonShade to narrow vehicles or structures

MoonShade includes a ~7ft strut pole with posts at each end. This strut pole attaches to MoonShade's 7ft (shorter) sides and enables you to anchor the awning to vehicles or other structures that don't have enough space to place the anchors 7ft apart..

On larger vehicles, anchors are typically spaced 7ft or 9ft apart (MoonShade's long side is 9ft) so the awning's corner carabiners can clip to the anchors for quick deployment. The strut pole eliminates this restriction and makes setup on smaller vehicles and campers a breeze.

Best Uses for the Strut Pole:

- Vehicles with short roofs
- Short roof racks on any size vehicle
- Rear of larger vehicles
- Anchoring to non-vehicle structures like trees or posts

Estimated Time to Complete (one person): ~5-10 minutes

Supplies Needed:

- Complete MoonShade awning
- Two MoonAnchors or existing vehicle hardware
 - Examples of vehicle hardware
 - Roof racks, platforms, and baskets
 - Roof side rails
 - Eye bolts or cleats
- Hook-and-loop straps (included with MoonShade), Nite Ize Gear Ties (sold separately), or your own cordage
- Guylines and stakes

Steps:

1. Assemble the strut pole ensuring all sections are fully joined.
2. Pass the strut pole through the midpoint loop on one of the awning's short sides.
3. Insert the end posts of the strut pole into the corner grommets on the awning. If the fabric is too loose to secure the pole, use a length of guyline to tie these two corners together and increase tension. The fabric should be taut, not excessively tight. A slipknot is convenient for this purpose.

IF CANOPY IS TOO TIGHT TO EASILY ATTACH/DETACH STRUT POLE:

It happens, but not to worry! You can pull the end posts out of the pole tube to insert and remove the posts from the canopy grommets. Check out these quick videos for a demo:

- [Attach Strut Pole - Troubleshooting](#)
- [Detaching the Strut Pole - Troubleshooting](#)

Additional Support: If this technique for attaching/detaching does not work, please email us at support@moonfab.com for more help.

4. Three Ways to Mount the Strut Pole
 - a. *Attach Strut Pole to MoonAnchors on Vehicle*
 - i. Place your anchors on the mounting surface in the desired location for the awning. Anchors should be placed as far apart as possible and a minimum of ~2ft apart for the most secure mounting.
 - ii. Once anchors are secured, place the strut pole on or near the anchors in the desired position. Centering the strut pole on the anchors is best. Use good judgment to ensure the shade does not rock side-to-side excessively.
 - iii. Using MoonShade's included hook-and-loop straps, Nite Ize Gear Ties (sold separately), or your own cordage, snugly strap the strut pole to the anchors.
 - b. *Attach Strut Pole to Existing Vehicle Hardware*
 - i. Place the strut pole on or near the existing hardware in the desired position. Centering the strut pole on the hardware is best. Attachment points should be a minimum of ~2ft apart for the most secure mounting.
 - ii. Using MoonShade's included hook-and-loop straps, Nite Ize Gear Ties (sold separately), or your own cordage, snugly strap the strut pole to the hardware at a minimum of two points.
 - c. *Attach Strut Pole to Tree or Post (may require two people)*
 - i. Place the strut pole against the structure at the desired height. Centering the strut pole on the structure is best.
 - ii. Use Nite Ize Gear Ties (sold separately), or your own cordage or webbing, to wrap around both the strut pole and the tree or post. Secure tightly, using caution not to bend or warp the strut pole.
5. Once the strut pole and awning canopy are securely mounted to the mounting points, insert the tension poles into Moonshade's corner pockets. Starting at the center of the shade, attach the clips to the tension poles.
6. Add the upright support poles to the corners opposite of the strut pole. Secure the corner carabiners to the support pole loops. Adjust poles to the desired height.
7. Secure the awning with the included guylines and ground stakes.
8. Enjoy!

Examples

Strut Pole attached to roof rack tower using Nite Ize Gear Ties (sold separately)



Strut Pole attached to Large Suction Cup Anchor using hook-and-loop straps (included)



Questions? Contact us at support@moonfab.com.