

Sunburst Classic Awning Installation Instructions

DANGER! THE AWNING HAS BEEN PRETENSIONED. DO NOT REMOVE THE PIN IN THE LEFT HAND ROLLER SPRING ASSEMBLY OR REMOVE THE TIE ON THE RIGHT HAND RATCHET ROLLER SPRING ASSEMBLY UNTIL THE TOP MOUNTING BRACKETS ON BOTH END ROLLER SPRING ASSEMBLIES ARE FIXED TO THE TOP OF THE FRAMESETS.

READ INSTRUCTIONS FULLY BEFORE PROCEEDING WITH INSTALLATION.

Each frameset has a right and left arm which are interchangeable. Each arm consists of a top support arm, bottom support arm, top rafter and bottom rafter. Refer to exploded parts diagram.

Step 1.

Inspect vehicle carefully for sharp edges on doors, windows and lights that may damage awning fabric. Remove sharp edges or cover them with duct tape.

Step 2.

Determine position of awning on vehicle (Figure 1)

- Locate, vehicle floor line to ensure Tek-screws used to attach bottom mounting brackets are securely installed in centre of steel chassis.
- Using a tape measure, determine mounting position of awning on side of R.V.

Measure distance between the centre of both support arm roller drive castings (is equal to awning size measured from centre on bracket to centre of bracket (See Figure 1).

Make certain position of arms at awning rail and floor line allows proper clearance from doors, windows, storage compartments and wheel wells.

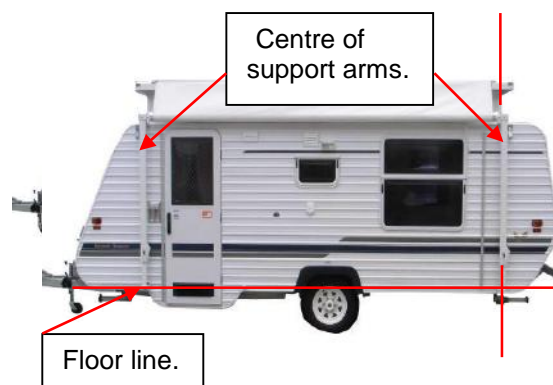


Figure 1

Step 3.

Install door roller to rise above top outside corner of door. Predrill with 3/32" drill bit and install with #6 x 1/2" screws or pop rivets. (See Figure 2)



Figure 2

Step 4.

Prepare awning rail. Open end of rail and file sharp edges that may damage fabric.

Step 5.

Remove roller/fabric assembly from shipping tube - taking care to completely remove staples or other fixings from the shipping tube prior to removing the awning. Do not drag or scrape.

Note: To prevent damage to fabric, keep roller/fabric assembly off floor by placing roller across two saw horses.

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Step 6.

- Locate and mark position of bottom mounting brackets.
- If using tek-screws supplied drill 2 x 5mm holes for each bracket.
- Attach bottom-mounting bracket to vehicle, sealing holes in vehicle with an appropriate sealant.
- In some cases it may be appropriate to reinforce outside/inside of RV wall when attaching bottom mounting bracket.

Figure 3



100mm X 6mm aluminium reinforcing plate.



Step 7a. Standard Fittings

- Locate and mark positions of top mounting brackets.
- Confirm van/vehicle wall has been reinforced internally to provide a strong mounting point (if unsure, see step (e)).
- If using tek-screws supplied drill 2 x 5mm holes for each bracket.
- Attach top mounting bracket to vehicle, seal screws with appropriate sealant.
- In some cases it may be appropriate to reinforce outside/inside of RV wall or utilise spacer tubes when attaching top mounting bracket. Each vehicle should be assessed on its merits by the installer.

Figure 4



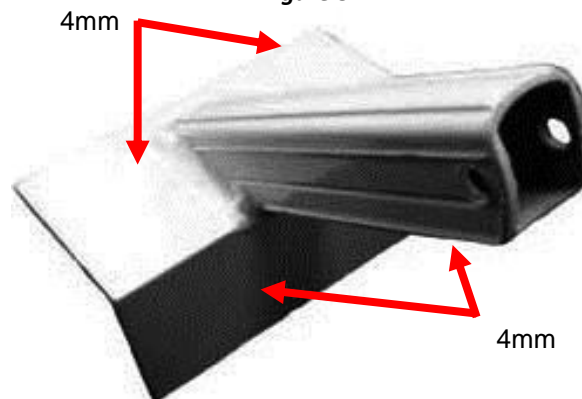
Step 7b. PopTop Caravan Fittings

Installing top mounting brackets to suit pop-top caravans.

- Locate and mark position of pop top mounting brackets
- Locate and mark the caravan frame on the shoulder of the caravan on the bracket to ensure a strong mounting. (Top and front of bracket See Figure 5)

- Drill 2 x 4mm holes through the top of the bracket and counter sink. Drill 2 x 1/8" holes into the caravan frame and fit 3 x 8 gauge x 1" counter sunk screws (supplied). (See Figure 5)
- Drill 2 x 4mm holes into the front of the bracket (See Figure 5). Drill 2 x 1/8" holes to the caravan frame and fit 2 x 8 gauge x 1" dome head screws (supplied).
- Seal under and around the edges of the bracket and over screws with an appropriate sealant.

Figure 5



Step 8.

Installation of Sail Track

- Using appropriate fasteners ie rivets or screws fix the sailtrack to the vehicle, ensuring that the awning can be slipped into the track.
- Seal the top of the track to the vehicle ensuring no water will leak down under the track.

Step 9.

Awning to be mounted when frameset is closed against the vehicle. (See Step 11)

Additional tension is added to the roller springs when awning is rolled out.

Step 10.

Installing Fabric to Sail track.

Leaving the fabric rolled up, one-person guides fabric into sailtrack, the second holds the roller.

Step 11.

- With the vinyl fabric in position slide roller drive casting onto top of framesets.
- Insert screw through front of roller drive casting and tighten (Figure 6B).
- At this point the pretensioning restraints can be removed.

NB: The restraint in the left hand roller spring (Figure 6A) assembly can be removed by rotating the roller slightly by hand to lessen the tension of the spring against the restraint.

The restraint holding the ratchet lever in position (Figure 6B) on the right hand roller spring assembly can be removed by cutting.

Figure 6A



Figure 6B



Step 12.

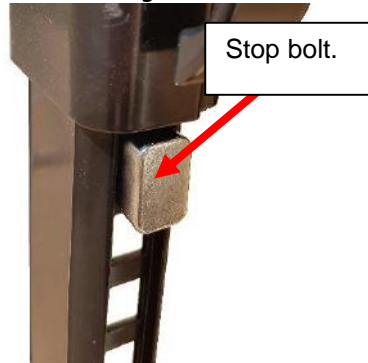
Installation of Stop Bolt

- a) Ensure travel lock is in 'lock position' (See Figure 7a) and level travel lock and bracket at top.
- b) Ensure that the top support arm will *rest* on the stop bolt. Mark position and fit stop bolt and nut (See Figure 7b).

Figure 7A



Figure 7B



Step 13.

Setting the Awning

- a) Ensure restraints are removed (see Step 11).
- b) Remove tie from ratchet (right hand side).
- c) Roll out the awning several times to locate arms and fabric on vehicle with pull strap at comfortable arms length to the centre of the roller.
- d) Close the awning ensuring that the frameset closes properly, lock the travel lock bracket.
- e) Drill a 3/32" hole through the sailtrack into fabric spline (close to the fabric). Install 2 x 6g x 1/4" screw supplied. This prevents the fabric moving in the sailtrack.

Step 14.

Test Awning

- a) Roll fabric out and retract to ensure that the frameset opens and closes smoothly.

Step 15.

Installation of Curved Roof Rafter

Follow Curved Roof Rafter Installation Instructions on next page. NB: Depending upon the size of the awning more than one curved roof rafter could be required.

Curved Roof Rafter Installation Instructions

Note: Aussie Traveller has provided a Curved Roof Rafter with the awning mounting kit to assist the customer in preventing awning damage by wind and water pooling.

We see this is a benefit that manufacturers who fit our Sunburst Classic awning can pass onto their customers.

Step 1.

Ensure that awning is set to the 9 o'clock position (Figure 13)

Step 2.

Drill a 3/8 hole 20mm down from the underside of the fabric (See Figure 13)

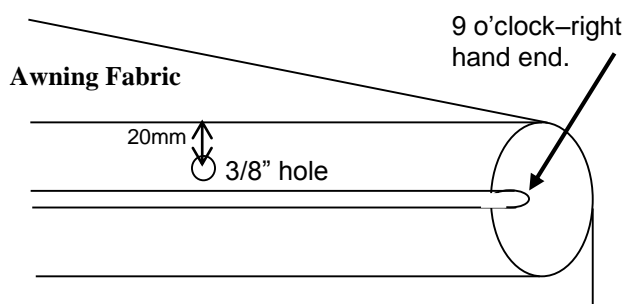


Figure 13

Step 3.

At the mounting rail under where the awning mounts to the van/vehicle, mount the stainless steel saddle bracket 20-25mm below the awning fabric. (Figure 14)

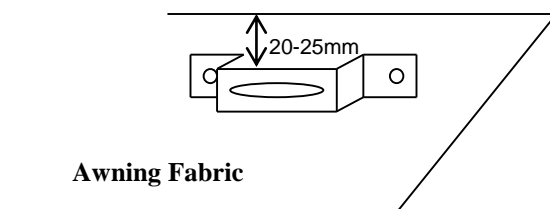


Figure 14



Sunburst Classic Trouble Shooting Guide

| SYMPTOM | POSSIBLE CAUSE | SOLUTION |
|---|--|---|
| 1. Fabric ripples or does not roll up evenly. | Fabric not aligned properly. | Pull fabric right or left at sailtrack and secure with screws. |
| 2. Arms bind - not releasing evenly or not nesting properly when rolled up. | Top mounting bracket out of alignment. | a) Realign top mounting bracket until rafter is centred in top support arm b) Lubricate rafter bumper guide c) Ensure fabric is rolling up evenly. |
| 3. Unable or difficult to release Ratchet mechanism to roll up awning. | Awning may be over extended. | Reduce spring tension on roller pulling down on pull strap or rotating roller by hand. Lever can now be moved to roll up position. Refer to 'important notes' in operation instructions. |
| 4. Ratchet mechanism jammed in travel position. | Arm has been pulled away from unit without releasing Ratchet lever. | Remove arm from bottom mounting bracket, pull outward until tension is released on ratchet, move ratchet lever to unlocked position. Replace arm in bottom mounting bracket. Roll out awning. |
| 5. Holes in fabric caused by centre rafter support cradle. (Not covered by warranty). | Centre rafter cradle top mounting bracket installed too high or protruding too far out from van wall in comparison to awning mount position. | Flex roller downward as if to simulate rough road conditions. Mount bracket accordingly. Pack out mounting points on awning frameset arms. |
| 6. Awning will not roll up completely. | a) Rafter knobs tight. b) Springs have lost tension. | Loosen knobs. Add turns to roller springs. |
| 7. Roller will not lock when rolling down or at top. | Ratchet lever not fully engaged. | Ensure ratchet lever has moved fully into position. |
| 8. Foot will not engage easily in bottom mounting bracket. | Bottom mounting bracket not aligned. | Check vertical and horizontal alignment of bottom mounting bracket. |

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