

# Guide to Fitting Campsmart Anti Flap Kit for Fiamma F45S Awnings



DETAILS	
<b>Version:</b>	18 <sup>th</sup> October 2022
<b>Background:</b>	The Campsmart Anti Flap Kit (AFK) is designed for the Fiamma F45S (Sized 3.0m and above). The pair of aluminum AFK bars slot together and clamp down along the edge of the awning fabric, eliminating flapping & increasing the structural strength of the awning. A built-in sail track allows for the attachment of privacy screens or annexe walls with a standard 6mm rope spline.
<b>Parts Included:</b>	<ul style="list-style-type: none"> <li>• Anti Flap Kit Bars (4 sections – 2 per side)</li> <li>• 2x Insert Bars (joins each section together)</li> <li>• 2x Mounting Brackets (to be installed inside the casing)</li> <li>• 2x Black End Inserts (used with the current Fiamma F45S)</li> <li>• Instructions</li> </ul>
<b>Figure 1: Supplied Parts</b> (Insert Bars, Mounting Brackets & Black End Inserts)	
<b>Figure 2: Supplied Parts</b> (AFK Bars with Black Inserts installed)	
<b>Compatibility</b>	<ul style="list-style-type: none"> <li>• This product is designed to fit the Fiamma F45S awnings from 3.0m and above in size with awning projections of 2.5m (Note at least 2.4m is required).</li> </ul> <p>The projection is measured from where the awning fabric attaches to the RV along the underside of the awning to the inside edge of the outrigger (where the AFK will join onto the leg fittings).</p> <ul style="list-style-type: none"> <li>• Note smaller sized awnings (such as the 2.6m 260) have smaller projections which are not suitable for this Anti Flap Kit.</li> <li>• <b>Important:</b> While it may be possible to cut the product down to suit smaller projections please note this will void the warranty and returns policy.</li> </ul>

## INSTALLATION GUIDE

### Video

A short video available through the Camp Smart website. If you are viewing this installation guide online you can [view it here](#)

Alternatively, it can be found on our website in the Buying Guides section. Contact our customer service team if you have any problems [admin@campsmart.net.au](mailto:admin@campsmart.net.au)

### Step 1

#### Wind Out the Awning

Set up the awning as per the manufacturer's instructions.

Do not set taught, make sure you leave a little bit of looseness or give in the fabric when preparing to attach the AFK. You can do this by winding the awning fully out and then winding back a fraction from the tight position.

### Step 2

#### Bracket Installation

The brackets supplied should be fitted alongside the shock absorber. Insert the top section under the bottom of the internal ridge & then "snap" the bracket in place by applying a degree of force to the bottom section. See the troubleshooting guide at the back of this booklet if difficulty arises.

#### Securing the Bracket

Once in place the bracket can be secured by tightening the screws. Note these are designed to tighten / secure the bracket and aren't required to penetrate the aluminum casing of the awning.

#### Position of Bracket

Ideally the fabric edge on the awning should be in line with the inside edge of the hole in the bracket.

**Figure 2:**  
Installing  
Mounting  
Brackets



**Note:** The bracket is positioned so the hole in the bracket aligns with the awning fabric. This will ensure the AFK can grip firmly to the awning fabric when installed.

### Step 3

#### Assemble the Anti Flap Kit

Assemble both the right & left side of the AFK as follows:

- Each side of the AFK joins together with the joiner / insert bars. Insert the bars and tighten on one side where the threaded hole is present to hold it in place. Slot the AFK together (note a small section of the joiner bars may still be showing).
- Open all cam handles so both sides of the AFK are in the open position.
- Insert the black plastic ends for the current Fiamma F45S models. Note some earlier model don't use the insert.

**Step 4**

**Install the Anti Flap Kit**

- Fit bracket side of the AFK end the bracket fixed to caravan / RV, ensuring the top clamp section of the AFK is open. Then lift the AFK until it rests under the awning fabric.
- Extend the AFK out until the black plastic insert section is placed over the grey plastic leg fitting in the outrigger of the awning. This fit the molded groove over the top of the inside grey plastic ridge as shown in Figure 3 below.
- Note there will be a gap in between the 2 sections, and this is normal.
- Using the awning winder handle, tighten up the awning fabric and place the awning fabric in between the clamps.
- While holding the awning fabric in position with one hand, close the cam handles with the other. Then tighten the cam handles by rotating. The fabric should now be firmly secured between the AFK. Be sure not to overtighten the cam handles as this can cause the mechanism to break.
- To pack away the AFK, follow the same process in reverse order.



**Popular AFK Accessories**

**6 Pocket AFK & Rafter Storage**  
Keep your AFK and rafter in tip top condition and protected while in transit with the Campsmart 6 Pocket AFK & Rafter storage bag. Ideal for storing an AFK with up to 2 rafters or poles.

**Privacy Screen Caravan End Walls**  
The Campsmart range of XD Caravan End Wall Privacy Screens, Waterproof End Walls and Awning Porch Extensions are popular accessories designed to fit into the sail track on this AFK.

**Center Awning Rafter**  
A center curved rafter is often used in conjunction with AFKs to help reduce flapping, improve runoff and provide added stability to the awning. Campsmart stocks a curved and straight rafter designed for the Fiamma F45S awnings. The awnings normally come with the centre brackets pre-installed for a rafter

**Tie Down Kits**  
Tie Down Kits help protect your awning structure from being blow upwards & damaged by strong gusts of wind and work well with AFKs. Campsmart stocks tie down kits designed to clip into the sail tracks built into the outer face of the outrigger on the Fiamma F45S Awnings. These are available with either yellow or black straps.

**Parts**  
Contact Campsmart for parts where required. Most components are available if a replacement is needed including the cam handles, tightening knobs & the central joining insert.

Part	Problem	Trouble Shooting - Causes & Solutions
<b>Awning Fabric</b>	AFK does not grip fabric	<ul style="list-style-type: none"> <li>The brackets on the van side have not been positioned correctly – see Step 2. Make sure the bracket is positioned so the rafter hole is directly below fabric</li> <li>The rafter insert has been positioned on the outer plastic ridge not the inner plastic ridge. See Figure 3 for correct attachment location</li> <li>The AFK has not been tightened correctly. See notes on cam handles below.</li> <li>The awning fabric has not been tightened after the AFK is in position</li> <li>The awning fabric is in poor condition. Sometimes fine dust, dew or mold can accumulate on the awning fabric which can cause reduced friction for the clamp to grip onto. Cleaning and drying the awning surface will assist resolving this issue.</li> <li>In insufficient amount of awning fabric is in the clamp. Ensuring the maximum amount of fabric is held within the clamp section of the AFK will provide better grip. <b>Tip:</b> Pull the fabric outwards in the central gap section with one hand while clamping down one of the middle cam handles with the other.</li> </ul>
<b>Bracket</b>	Does not fit onto awning easily	<ul style="list-style-type: none"> <li>The plastic brackets usually need to be “snapped” in place past a bottom ridge in the awning. This sometimes takes considerable force and the use of a large screwdriver or similar may assist if it can’t be done by hand.</li> <li>In rare cases a small amount of plastic may need to be filed off the bottom of the bracket.</li> </ul>
<b>Bracket</b>	Bracket does not fit in correct position	<ul style="list-style-type: none"> <li>Ideally the fabric edge on the awning should be in line with the inside edge of the hole in the bracket. If the brackets have been installed a little too far away from the edge of the fabric this will reduce the grip on the fabric.</li> <li>In rare cases (reported with some F45 Ti &amp; 3.0m models), there is not enough space to install the brackets between the shock absorber and end of the awning. In this case another part is required to fit to the end of the AFK, enabling use without a bracket. This is referred to as a “Paddle Adapter” (Fiamma Part 98655-900).</li> </ul>
<b>Insert</b>	Insert does not fit	<ul style="list-style-type: none"> <li>Insert the black plastic ends for the current Fiamma F45S models. Note some earlier models don’t use the insert.</li> <li>Also check you have positioned the insert on the correct ridge of the awning – see image on – See image in Figure 3</li> </ul>
<b>Cam Handles</b>	Awning Fabric not tight or gripped by AKF	<p><b>Improving Grip on Fabric by Adjusting Cam Handles</b></p> <ul style="list-style-type: none"> <li>Cam Handles should be tested &amp; adjusted to be tighter or looser, so the clamping action is most effective. If too loose, the fabric may easily slip out of the clamp.</li> <li>To adjust the tightness, rotate either clockwise or anti-clockwise to loosen or tighten the clamp in he closed position once set up.</li> <li>A little bit of experimenting with this should help obtain the optimal tightness position &amp; stop instances of the fabric slipping out of the clamp.</li> <li>Note the Cam Handles should be closed parallel to the AFK to work properly.</li> </ul> <p><b>Important Notes:</b></p> <ul style="list-style-type: none"> <li>When dismantling, the cam handles should be loosened a little to ensure the mechanism can be easily opened.</li> <li>It’s important not to over tighten the Cam Handles as forcing shut or opening when overtightened can cause the internal mechanism to break.</li> </ul>
<b>Rafter Installation</b>		When installing a rafter in combination with the AFK, ensure the AFK is fitted first. Fitting the rafters first will cause the fabric in the centre section to be pulled back a little with less to grip onto.