

### SolarGo2 ABS Panel Mount Kit 7PCS ABSSET

**Thank you for purchasing the SolarGo2 ABS fitting kit. Please follow the below instructions to get the very best from your solar panel install.**

It is worth taking time to decide on the position of the solar panel. Make sure you have enough room/space for the solar panel and fixing brackets, avoiding shade where possible.

Secure the four ABS corner brackets to the frame of the solar panel using the supplied stainless-steel self-tapping screws. (Roof kits only)

To do this offer up the ABS corner profile to the frame, drill a 3mm pilot hole through the centre of the two indented locations on the profile and drill through the profile and frame. Take care not to drill into the glass of the solar panel, keep the drill bit level and as centred to the frame as possible) See Fig 1 & 2



Fig 1



Fig 2

Securing the corner brackets to the frame using the supplied self-tapping screws. See fig 3 & 4

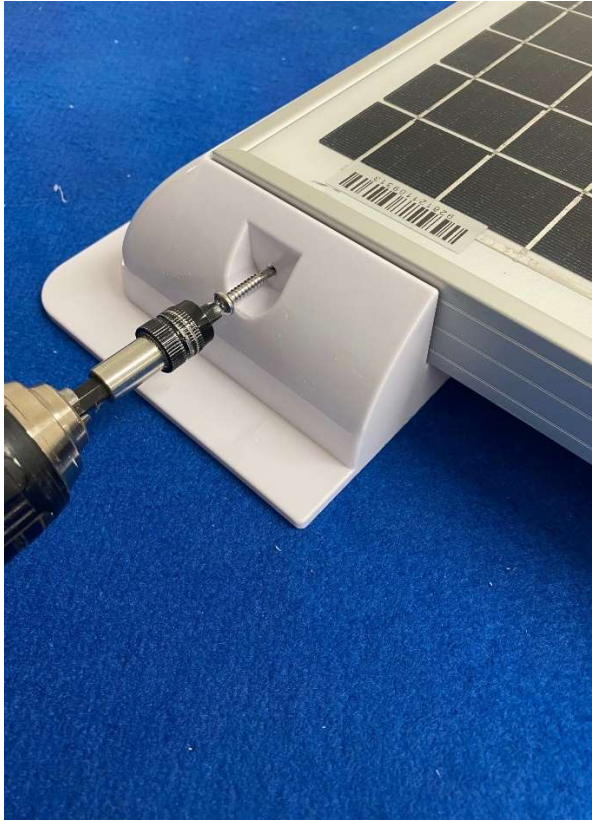


Fig 3



Fig 4

The ABS short straights can be used to support the longest length of the solar panel in the centre if needed.

Decide on the position of the ABS short straights. Offer up the ABS straight profile to the frame and drill a 3mm pilot hole through the centre of the two indented locations on the profile and frame. Take care not to drill into the glass of the solar panel, keep the drill bit level and as centred to the frame as possible)

When all brackets are secure, place the solar panel on the roof position where it is to be fixed and draw a pencil line around the footprint of the ABS brackets.

We strongly recommend bonding to the roof of leisure vehicles. Water ingress will be the main consideration and the type of construction of the roof may not allow for roof penetration. If in doubt

consult manufacturer for advice. Screws may be used on installations where the roof construction is suitable and robust, and protection against water ingress can be achieved.

**The ABS Panel Mount Kit 2 PCS-ABSSET is a longer ABS profile (680MM long and is compatible with all SolarGo2 rigid solar panels).**

The method of installation is the same as described for SolarGo2 ABS Panel Mount Kit 7PCS ABSSET. Align the profile carefully to the 680mm dimension of the solar panel, ideally the profile should face the direction of travel but don't worry too much if that can't be achieved on your install.

When all brackets are secure, place the solar panel on the roof, position where it is to be fixed, and draw a pencil line around the footprint of the ABS brackets.

### **Bonding the Brackets**

We recommend that all areas to be bonded should be scored with an abrasive material. This will increase the surface area and improve the strength of the bond. This can be achieved by using something like an abrasive Scotch pad

(Make sure all components and surfaces to be bonded are clean, dry, and free from all traces of grease, oil, and dust)

Apply a 5-6mm bead of the bonding agent to each foot of the ABS profile, face the solar panel so that the solar cells are facing upwards and place the solar panel on to the roof, positioning the brackets in the pencil lines previously marked.

Alternately, the bonding agent can be applied to the roof material and the solar panel placed on the bonding agent.

Bed the panel down firmly but do not press down so much that all the bonding agent is expelled, leave 2mm of bonding agent between surfaces for the best results.

Please also see instructions for bonding agent.

**NOTE** – bonding agent requires 24 hours to properly cure. We would therefore seriously recommend that the vehicle is not moved for this period!

### **Maintenance**

We recommend that the brackets are checked every 6 months to ensure that they are still bonded securely to the vehicle.