

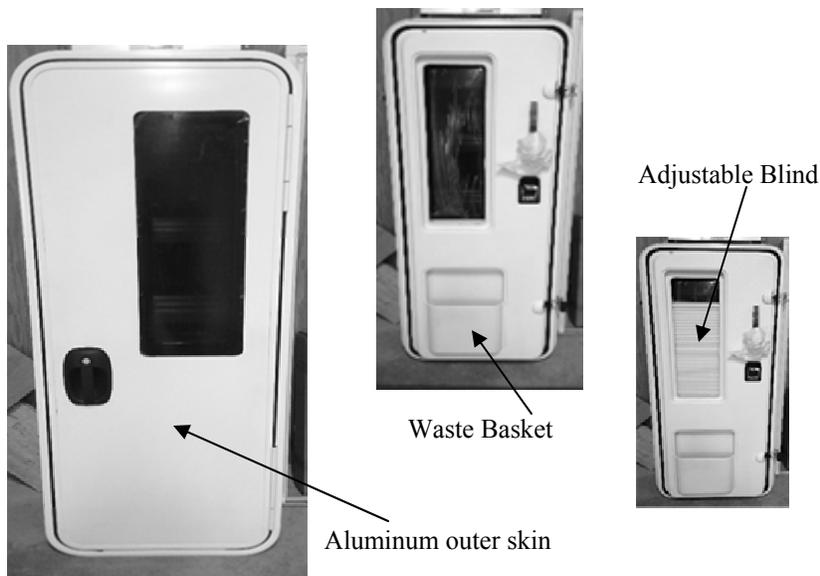


Arctic Tern Euro Door Installation Guide

Thank you for purchasing an Arctic Tern Euro Door from Tern Overland! We hope you have a great experience installing and enjoying the Euro Door for years to come. Here are some tips and guidance. Please review before installing.

Specs:

- Cut out size: 1813mm X 603mm- R90
- Fly Screen size: 1870mm X 673mm
- For wall thickness 30-36mm, 37-41mm, 42-45mm, 46-52mm
- Aluminum Frame
- Door build up: Laminated powder coated aluminum outer skin, Insulation, ABS interior panel with waste bin, fixed double pane window, blind.
- 2 point locking mechanism



General Information:

The door is held in the wall with a combination of metal clips, and high strength polyurethane adhesive such as Silaprene® SolidBond™ distributed by Tern Overland. Four different sizes of clips are available to accommodate wall thicknesses from 30mm to 52mm (2"). Be sure to order the correct clips for your installation. If the door is being installed into a wall that is thinner than 30mm, wooden spacer blocks must be cut to create the full 30mm. If the door is being installed into a wall greater than 50mm, longer clips must be fabricated, and longer screws used to make the distance. These may be special ordered through Tern Overland. The interior trim rubber supplied with the door will not work properly with

Step 1: Mark and cut the door hole. The door may be removed from the door frame to make this step easier. To remove the door, carefully pry out the plastic plugs on the top and bottom of each hinge. Use a suitable punch to drive out the hinge pins. With the door removed, the aluminum frame may be held against the wall for marking. The hole should be close to the size of the door and should not exceed the door size by more than 3mm. Cut the hole using a suitable saw for your wall material. Masking tape should be used to protect surrounding areas from the saw base. Note: for FRP composite panels, no additional framing is needed inside the wall. It is recommended to seal the cut edge of the composite with gelcoat or some suitable sealant. Other wall construction may require additional framing in the wall to support the door.

Step 2: Re-install the door into the frame and test fit. Use the clips provided and the screws to secure the door in the wall. The clips fit into the narrow section of the channel, and the screws fit into the wider section. Pre-drill pilot holes into the channel for the screws. There should be 2 clips at each corner, one just beyond the hole radius on each side. After the corners, clips should be positioned about every 300mm (12"). Snug down the clips.

Step 3: Close the door and make sure the gap around the door is even. Some doors have plastic blocks installed to hold the door evenly in the frame. If the door is not square and even in the frame, use small wooden blocks to keep the two aligned. Loosen and snug the clips until the door is properly fitted. Check the function of the door for smooth operation.

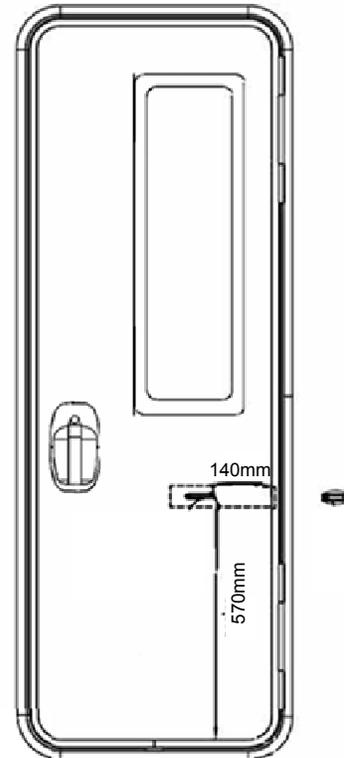


Step 4: Glue the door into place. We recommend Silaprene® SolidBond™ distributed by Tern Overland, Sikaflex 252, or equivalent adhesive & appropriate clean up solvent. Remove the clips and carefully remove the door assembly. Clean all the glue surfaces with alcohol. Apply a generous bead of adhesive to the door flange. Allow enough adhesive for a good squeeze out. Set the door into the wall and install the mounting clips. Snug the mounting clips to achieve approximately 1mm of adhesive thickness between the door flange and the wall. No less! Do not over tighten! Close the door and triple check that the spacing between the door and the frame is even. Leave the door closed. Clean up excess adhesive. Do not disturb until the adhesive has cured.

TIP: Watch the gap between the door and cut hole as you tighten the clip screws. If you over tighten the screws, the gap will very slightly widen. This is not good! This will cause the door to be hard to close since the frame will be pushed in against the door rubber. If you see the gap widening, just back the

Step 5: Screen door installation: The screen door is secured to the wall surrounding the door using the 6 aluminum angle clips provided. These clips should be installed against the door frame, 3 on each vertical side, with the leg of the clip pointing toward the door. This will provide the correct spacing for the screen door to snap onto the clips. If your entry door is mounted flush with the floor, the screen door can sit directly on the floor. If the entry door is elevated off the floor, a block must be provided to support the screen door. The blocks can be wood or aluminum tube. We have found that having the screen door ½” lower than the entry door works well. In any case, the bottom of the screen door **MUST** sit on a solid surface. Once the clips are installed, and a bottom support surface provided, the screen door simply snaps onto the clips.

Step 6: Final details. Install the interior white rubber door trim. Make any final adjustments to the door strikers to provide smooth secure latching. See our video describing this adjustment in our website Library. Install the plastic door retainer (male side) in the door at the location shown at right. Extra wooden supports are installed in the door to provide secure mounting for the retainer. The female half may be installed on the camper exterior in the appropriate location.



To lock and unlock door from inside, simply push or pull handle.