



Installation Manual

Patio Door Unit (Stainless Steel) Type 109

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Introduction

Please read this installation manual thoroughly prior to installation.

If there are any queries arising from the installation process, please contact Trend Marine Products Limited.

This manual contains information for safe and complete installation of the product. Incorrect installation may result in a non operable product, not working to design parameters or being unsafe for use.

It is solely the responsibility of the customer to ensure correct fitment and predelivery inspection of the product. Trend Marine Products Limited does not accept liability for incorrect installation, or damage caused due to poor installation.

Any defects in the product must be notified to Trend Marine Products Limited within 14 days of delivery (unless other supply agreements prevail). An agreed process of repair or replacement will then be undertaken.

Please keep this installation manual for future reference.



Warranty

Trend Marine products are covered by a 12 month warranty from the date of installation or 12 months to the end user, provided hand over to the end user is within 12 months of the product being installed (unless other warranty agreements prevail).

The warranty does not cover the product for the following:

- Normal wear and tear of all products.
- Repairs made without written authorisation of Trend Marine Products Limited.
- Failure due to non compliance of maintenance schedules.
- Incorrect use of the product.
- Use of the product under conditions for which its design was not intended.
- The use of unauthorised spare parts.

Trend Marine Products Limited accepts no loss or liability for damage, defects, malfunctions or injury caused by incorrect installation of the product.



Handling

Care should be taken when handling the patio door unit. Due to the nature of the design of the patio door unit, it is in its most vulnerable state when being installed. When handling the patio door unit, great care should be taken to avoid altering the factory settings. Under no circumstances should the patio door unit be handled with the sliding door open or unlocked. This will significantly disturb the factory settings.

- Do not lift the patio door unit by the external framework.
- Do, where possible, transport the patio door unit with the outside of the unit facing up.
- Do ensure the base of the frame is on a firm, flat and level surface when lifting the patio door unit to the vertical position.
- Do not allow the weight of the patio door unit to sit on any one corner of the frame.
- Do not attempt to lift or move the patio door unit by any part of the sliding door itself.
- Do not unlock or open the sliding door until the patio door unit has been offered into the aperture, and the unit is held tight with any relevant packers.

It is the customer's responsibility to ensure that all relevant safety laws and guidelines are adhered to during the installation of Trend Marine products. All electrical installation and maintenance must be carried out by suitably qualified persons.



Installation

- 1) The cut out (aperture) in the boat superstructure must be square, with all edges being straight.
- 2) Offer the patio door unit into the aperture.
- 3) **IMPORTANT**:- Check the patio door unit is square and all the outer frame edges are straight, and the patio door unit is held tight with any relevant packers (this is to stop the outer frame from being deformed in any way when fixing through to the superstructure).
- 4) Remove every other screw from the bottom roller tracks (except the end screws).
- 5) Use suitable screws to fix the patio door unit to the superstructure through the holes in the bottom roller track. Repeat with the top roller track, only if this can be done so that this does not distort the top track. Use spacers between the top rail and the structure to avoid distortion of the top track.

DO NOT over tighten the screws to cause deformation to the outer frame.
- 6) If relevant, use stainless steel screws M5 or larger, (or equivalent woodscrews) to fix the patio door unit to the superstructure through both vertical outer frame sections.
DO NOT over tighten the screws to cause deformation to the outer frame.
- 7) Use a UV-resistant silicone sealant, such as Arbosil 1081 or Sikasil IG16, to bead around the outer frame where the flange meets the superstructure.



Troubleshooting

If the patio door unit has been installed correctly, there should be no problems with the operation of the sliding doors. If however there are any problems with the operation of the sliding doors, please carefully read the following.

Before attempting to adjust any of the bottom rollers, it is essential that the top rollers are adjusted to release them from the top track.

There are four roller adjusting screws on each sliding door which require a 6mm Allen key (allen wrench), or a posidrive screwdriver, depending on model. The adjusting screws can be found at the top and the bottom of both vertical edges on each sliding door.

Please follow the procedure below if any of the following problems occur:

- The lock does not line up with the keep.
 - The sliding door is loose on the top track.
 - The sliding door is binding and does not run smoothly.
- 1) Adjust the top rollers to release them from the top track.
 - 2) Adjust the bottom rollers to gain the required height.
 - 3) Adjust the top rollers to remove any slack until the sliding door runs smoothly and cannot be lifted up.

Please follow the procedure below if the following problem occurs:

- Two sliding doors are not meeting parallel at the centre closed position.
- 1) Adjust the top rollers to release them from the top track.
 - 2) Adjust the bottom rollers to allow either the left or right hand side of each sliding door to be raised or lowered.
 - 3) Once both sliding doors meet parallel at the centre closed position, if the lock does not line up with the keep, adjust the bottom rollers of each sliding door equally until alignment is achieved.
 - 4) Check that both sliding doors still meet parallel at the centre closed position.
 - 5) Adjust all the top rollers to remove any slack until both sliding doors run smoothly and cannot be lifted up.



Cleaning

The only substance that is recommended for cleaning the patio door unit is a mild solution of soap and water, which should be liberally used to remove any salt deposits etc., that may have accumulated whilst at sea. The patio door unit can then be dried off using a suitable absorbent leather cloth, and when dry, the polished stainless steel can be buffed up with a dry clean soft cloth. On no account should aggressive materials be used for this purpose, as they may destroy the adhesive which is used to retain the glass into the stainless steel frames.

Maintenance

Once every 6 months (depending on the usage of the boat), the sliding doors must be checked for their ease of running etc. Also make sure the roller tracks at the top and the bottom are wiped clean and free from any deposits.

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