



Installation Manual

Patio Door Unit (Aluminium)

Product Type 102

Issue	ECN	Date	Remarks
A	792	22/5/07	

INSTALL0001-A



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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 pre-installation 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 to 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** 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 customers responsibility to ensure that all relevant safety laws and guidelines are adhered 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) Use suitable screws to fix the patio door unit to the superstructure through the flange on the outer frame.
DO NOT over tighten the screws to cause deformation to the outer frame.
- 5) Cut the supplied fixing cover strips to the required lengths and push into position on the outer flange.
- 6) Use a suitable sealant 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:

There are two roller adjusting screws on each sliding door which require a large PoziDriv screwdriver. The adjusting screws can be found at the bottom of both vertical edges on each sliding door, behind rubber bungs.

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 binding and does not run smoothly.
- 1) Adjust the bottom rollers to gain the required height, and so 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 bottom rollers to allow either the left or right hand side of each sliding door to be raised or lowered.
 - 2) 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.
 - 3) Check that both sliding doors still meet parallel at the centre closed position.
 - 4) Adjust all the bottom rollers equally to gain the required height, 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. On no account should aggressive materials be used for this purpose, as they may destroy the rubber seals which are used to retain the glass into the aluminium 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 track at the bottom is wiped clean and free from any deposits.

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