



# Installation Manual

## **Patio Door Unit Typw 112-31 & 32 (Stainless Steel, Endurance type)**

<b>Issue</b>	<b>ECN</b>	<b>Date</b>	<b>Remarks</b>
A		19 Feb 2014	

INSTALL0022-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.

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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-delivery inspection of the product. Trend Marine Products Limited does not accept liability for incorrect installation, or damage caused due to poor installation.



## 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, using lifting eye locations as provided.
- **✓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 to during the installation of Trend Marine products.**



## 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, lifting through the lifting eye fixing holes where supplied. Fixing holes for the lifting eyes are towards the top of the verticals of the fixed frame. The lifting eyes must be tightly screwed to the frame, otherwise distortion of the frame can occur. A horizontal packer may be required under the door to set it to the correct height.
- 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).

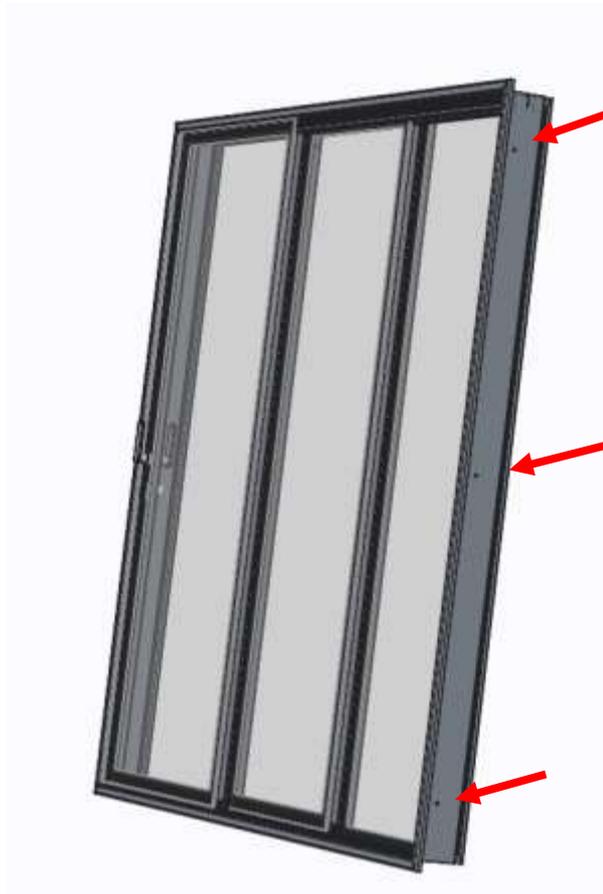


*Ensure the door is set square, in a square aperture*

- 4) Use suitable screws to fix the patio door unit to the superstructure, through the holes in the port and starboard verticals.



DO NOT over tighten the screws, causing deformation to the outer frame.



*Typical fixing holes position*

- 5) 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 6mm Allen key (allen wrench). The adjusting screws can be found at the bottom of both vertical edges on each sliding door.



*Location of height adjusting screws*

Adjust the bottom rollers to alter the height, if

- 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.

Adjust the bottom rollers separately, to tilt the doors, if

- Two sliding doors are not meeting parallel at the centre closed position.
- Sliding doors are not parallel to the fixed frame



## 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.

Do not wash the door unit with a pressure washer.

## Maintenance

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



**Trend Marine Products Limited**

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## Contacts

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