



**WINCHES
AUSTRALIA**
Quality Winch Solutions



316 Stainless Steel Marine Winch

OWNER'S MANUAL



QUALITY
WINCH SOLUTIONS



THIS PAGE INTENTIONALLY LEFT BLANK

Proprietary Statement

© Copyright 2022 HES Winches Australia. All rights reserved. No part of this publication may be reproduced, photocopied, stored on a retrieval system, or transmitted without the express prior written consent of the publisher.

Disclaimer

While all care has been taken in the development of this product, no loss of any kind is accepted by HES Winches Australia or its agents arising from the use of this document.

HES Winches Australia makes no representations or warranties with respect to the contents of this document, and specifically disclaims any express or implied warranties or fitness for any particular purpose. Further, HES Winches Australia reserves the right to revise this publication and to make changes to its contents, at any time, without obligation to notify any person or entity of such revisions or changes.

Trademarks

HES Winches Australia and OzWinch are registered trademarks. Other trademarks may exist which are not explicitly noted here, and they remain registered to the appropriate organisations.

Warranty

HES Winches Australia provides a limited warranty for goods of our own manufacture against defective workmanship and materials which have substantially diminished or are likely to substantially diminish the life or functionality of the goods for a period of twelve months from the date of despatch.

For any warranty claims please contact OzWinch on 1300 946 242.
HES Winches Australia reserves the right to request any claimant to supply a copy of the tax invoice as part of the claim.

Table of Contents

Preface

Safety	4
Winch Overview	5
General Assembly	6
Installing the OzWinch 316 Stainless Steel Marine Winch	7
Webbing Strap Replacement	9
Maintenance	10

Preface

We thank you for choosing a HES Winches Australia product. This document is intended for the winch operator and provides the information necessary to safely operate and maintain the winch.

This 316 stainless steel marine winch has been manufactured and distributed by HES Winches Australia Pty Ltd. This equipment is also the result of extensive design and development and is acknowledged as being a superior product in its category. We congratulate you on your discerning choice and wish you many years of productive service.

Please read this manual carefully before operating the equipment or performing any maintenance on the winch. For further information please contact OzWinch customer service on 1300 946 242.

Safety



WARNING

This symbol has been used throughout this manual to highlight important safety information. Ensure you read and understand the information before embarking on any related task.

Failure to read and comply with the following warnings may result in a hazardous situation that could lead to death, serious injury or property damage. Contact OzWinch for replacement manuals and spare parts.



WARNING

- **DO NOT** use this winch for lifting applications.
- **DO NOT** use this winch to transport people or animals
- **DO NOT** exceed the hauling limitation of the winch.
- **DO NOT** lengthen the handle for additional leverage.
- **DO NOT** alter this winch in any way.
- **DO NOT** operate this winch without at least one (1) wrap of webbing strap around the winch drum.
- **DO NOT** allow hands to get close to moving parts of the winch including drum, gears and webbing strap.
- **DO NOT** operate this winch under load without ratchet pawl engaged.
- **DO NOT** operate this winch if malfunctioning or damaged.
- **DO NOT** power operate this winch. Operate winch manually only.
- **DO NOT** allow people or situations to become a distraction when operating this winch.
- **DO NOT** allow children to operate this winch or be around this winch when operating.
- **ALWAYS** follow all instructions when replacing the webbing strap.
- **ALWAYS** secure the load after operating this winch. The winch is intended for short term use only.
- **ALWAYS** use a secondary safety mechanism to secure the load after using the winch.
- **ALWAYS** inspect before every use. Do not use if damaged or if parts are loose. Examine the winch for structural cracks, bends, damage, frayed or worn webbing strap, and any other conditions that may affect the safe operation of the winch.

Winch Overview

The OzWinch 316 Stainless Steel Marine Winch has been designed for safer, easier boat loading and unloading. This winch is best suited for boat trailers and other horizontal pulling applications which require the freewheeling feature of ratchet type winches.

For specific individual model specifications please refer to Winch Model Specifications table below.

Table 1. Winch Model Specifications

Model Number	Rated Capacity	Speed	Gear Ratio	Webbing Strap	Weight
OMW-SS316-500	500kg	1 Speed	3:1	7.5m	4.2kg
OMW-SS316-700	700kg	2 Speed	5:1/1:1	7.5m	4.3kg
OMW-SS316-1000	1000kg	3 Speed	10:1/5:1/1:1	7.5m	4.9kg

General Assembly

Figure 1. General assembly parts identification diagram.

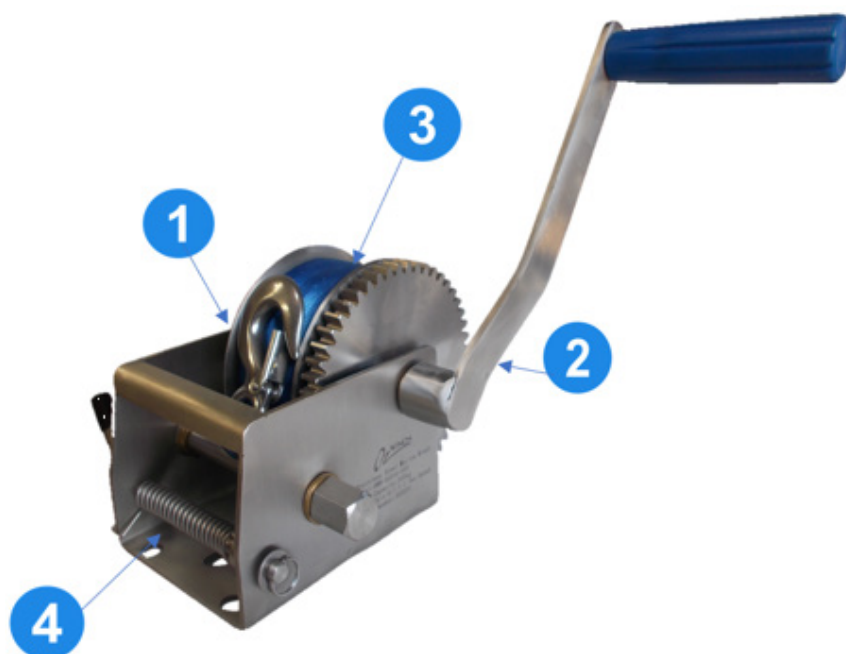


Table 2. General Assembly Parts Listing

No.	Description	Replacement Part Number
1	Grub Screw to suit OzWinch 316 Stainless Steel Marine Winch	POMW-SS316-GS
2	Winch Handle to suit OzWinch 316 Stainless Steel Marine Winch	POMW-SS316-WH
3	Webbing Strap 7.5mt to suit OzWinch 316 Stainless Steel Marine Winch	POMW-SS316-WS
4	Pawl Spring to suit OzWinch 316 Stainless Steel Marine Winch	POMW-SS316-PS

For replacement parts and all technical questions relevant to this product, please call OzWinch Customer Service on 1300 946 242.

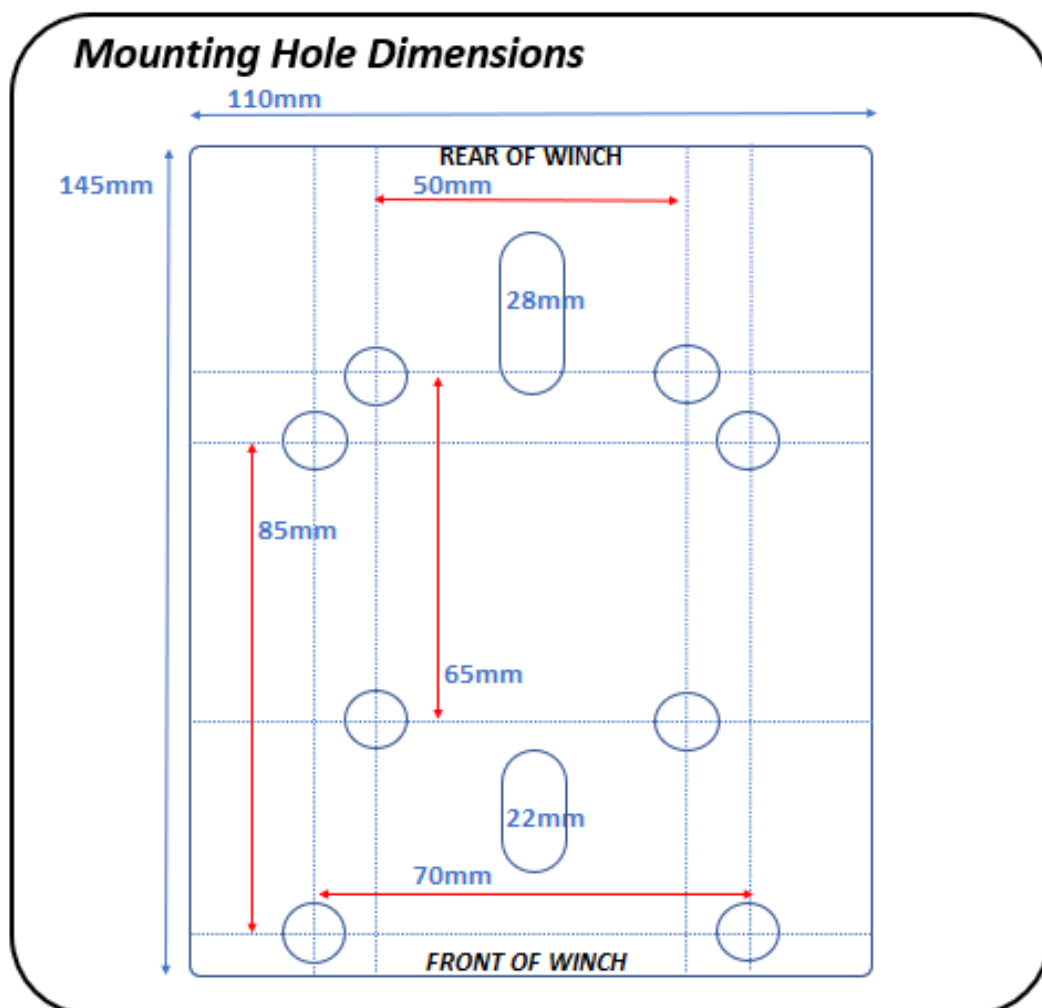
- Not all product components are available for replacement. The illustrations provided are a convenient reference to the location and position of parts in the assembly sequence.
- When ordering parts, the following information will be required: item description, item model number, item serial number and the replacement part reference number.
- The manufacturer reserves the rights to make design changes and or improvements to product lines and manuals without notice.

Installing the OzWinch 316 Stainless Steel Marine Winch

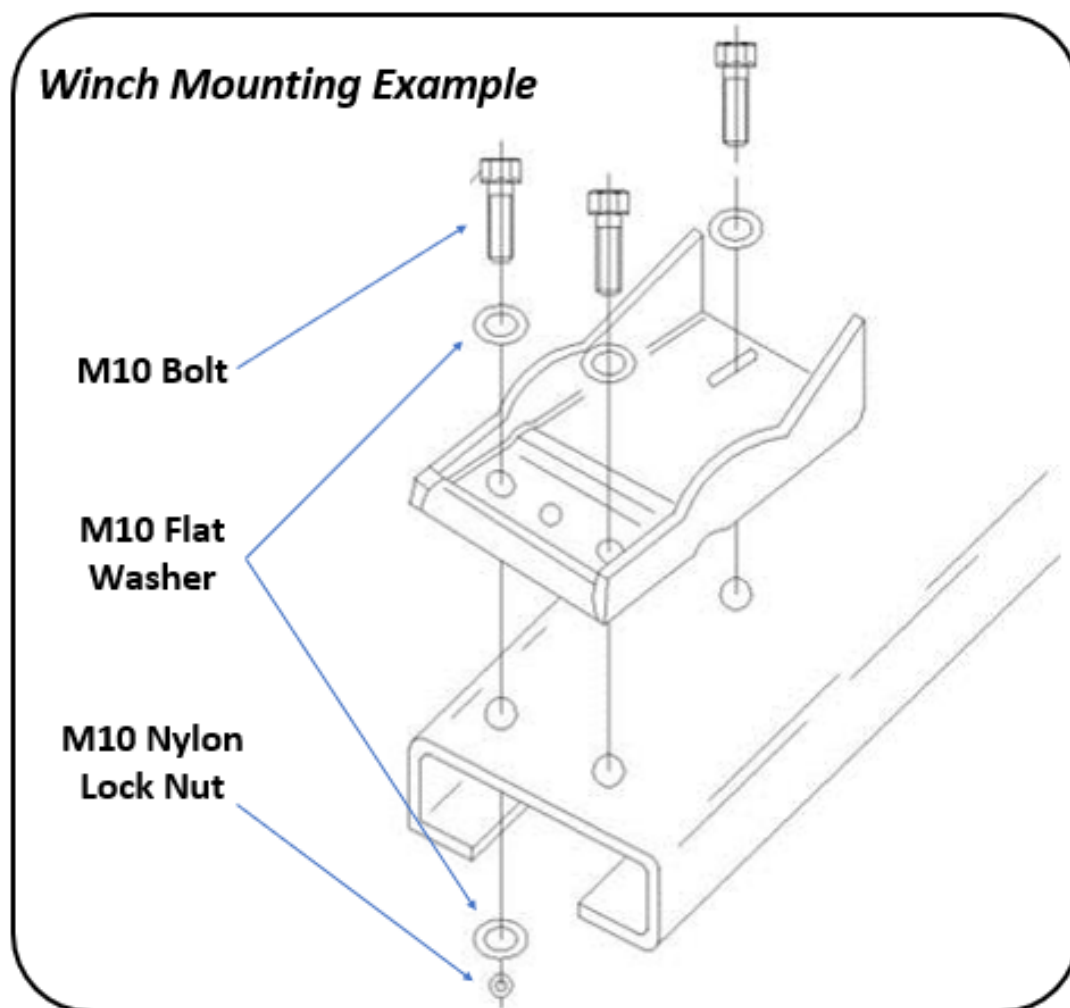
This winch is designed to be attached to a mounting plate or structure capable of supporting the load that is intended to pull its rated capacity.

Mounting location and hardware must support your winch and load. Refer to Table 1. Winch Model Specifications, for rated capacity.

The winch can be mounted to a variety of substrates and the mounting hardware should be matched accordingly.



- For maximum strength and safety, this winch should be mounted with a minimum of three (3) Grade 8 M10 bolts, washers, and nylon lock nuts (not included, sold separately). The bolt should attach the winch to the mounting structure utilising the outside rear holes or slots matched according to either existing mounting holes or new mounting holes to be drilled.
- The third bolt should be inserted through the winch frame and mounting structure in a manner to utilise the foremost remaining frame slot (hole) as indicated in the Winch Mounting Example below.

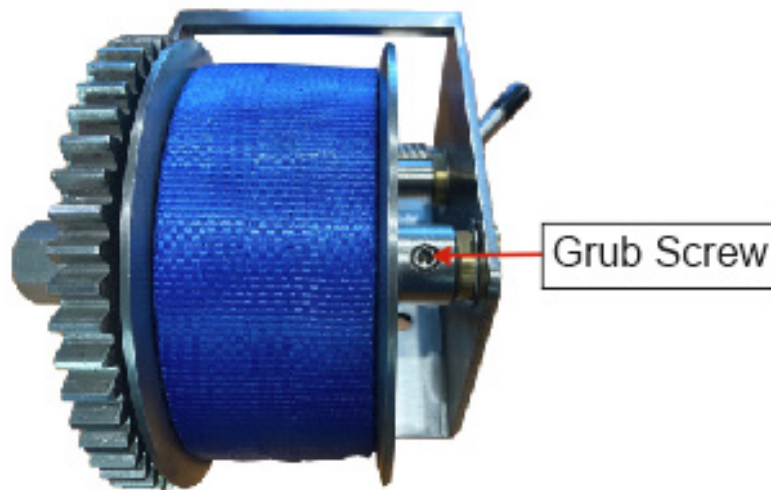


Webbing Strap Replacement

This OzWinch 316 Stainless Steel Marine Winch is already supplied with a 7.5m webbing strap and stainless steel safety hook (OzWinch part POMW-SS316-WS). The parts should be replaced if damaged or worn.

To replace the Webbing Strap

- 1) Put ratchet pawl in reel out position. Reel the old webbing strap all the way out by freewheeling the winch drum.
- 2) Using a hex key, remove the grub screw from the winch drum main shaft and slide shaft outwards to remove from winch assembly



- 3) Remove the old webbing strap from the winch drum and discard.
- 4) Carefully insert the new webbing strap into the winch drum entry ensuring the loop at the end of the webbing strap is open inside the winch drum to allow the main shaft to pass through the webbing strap loop.
- 5) Reassemble the winch drum shaft into the winch assembly ensuring that the shaft correctly aligns through the webbing strap loop and places into the shaft sleeve.



- 6) Align winch drum and shaft screw holes and re-install grub screw using a Loctite threadlocking product.
- 7) Put pawl in reel in position, then reel the new webbing strap onto drum by turning the handle clockwise, ensuring that the webbing strap does not twist.
- 8) Test winch for proper operation.

Maintenance

This winch has been fully lubricated at the factory; however, for continued smooth performance and increased life, it is recommended to occasionally perform general maintenance approximately every 3 months dependent on use.

- 1) Greasing of gears and drum shaft with a white lithium grease product
- 2) Add a drop of oil on drive shaft sleeves.

HES Winches Australia also recommend the use of a lanolin-based protective spray for prolonged longevity of your OzWinch product.

Inspect periodically all parts including webbing strap, replace them if damaged or excessively worn.



WARNING

Never perform maintenance or repairs whilst winch is under load.

THIS PAGE INTENTIONALLY LEFT BLANK

Manufactured and distributed by
HES Winches Australia Pty Ltd

Customer Service 1300 946 242

www.ozwinch.com.au



WINCHES
AUSTRALIA
Quality Winch Solutions

Ph: 1300 946 242

www.heswinches.com.au

HEAD OFFICE: PO Box 688

Helensvale

QLD 4212

Email: sales@heswinches.com.au