

AUTO XS<sup>®</sup>

BOAT ACCESSORIES



# 12V BOAT WINCH USER GUIDE



**12V Boat Winch**

# Warranty Details

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The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion.

The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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#### AFTER SALES SUPPORT

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 [customercare@winplus.com.au](mailto:customercare@winplus.com.au)

MODEL: AU315001 PRODUCT CODE: 50311 08/2015



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## Welcome

Congratulations on choosing to buy an AUTO-XS® product. All products brought to you by AUTO-XS® are manufactured to the highest standards of performance and safety, and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 1 Year Warranty. We hope that you will enjoy using your purchase for many years to come.

Version Number 1.0

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# Safety Instructions



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**Read this manual thoroughly before first use, and keep it in a safe place for future reference. Follow all instructions and take notice of all warnings to reduce the risk of fire or electric shock.**

- Do not use winch to lift or move people.
- Do not exceed maximum line pull capacity.
- Keep clear of wire cable when under load.
- Keep clear of the load being towed, so that if a failure occurs the load will not harm any bystanders.
- This tool is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the tool by a person responsible for their safety.
- Don't use force when using the winch. It needs to operate at the speed to which it has been designed.
- This winch has been designed for use with boats. Do not use the winch for other than intended or specified purposes.
- Wear safe clothes when using the winch, including non-slip sturdy footwear and gloves. Do not wear loose clothing, neckties, or jewellery that can get caught in the winch's moving parts and cause personal injury. Keep long hair safely tied up when using the winch.
- Do not use the winch if the cable is frayed, kinked or damaged.
- Disconnect from the power when not in use.
- Only use recommended accessories. Using accessories not designed for this model of winch can cause injury and may void the guarantee.
- Never leave the winch running or powered while unattended. Ensure the winch has come to a complete stop, and is not supporting a load when unattended.
- Carefully inspect all cords and cables periodically. If damaged, do not use the product. Contact the manufacturer for advice.
- There are no user serviceable parts in the AUTO-XS® Boat Winch - Do not attempt to repair, open or alter any components. In the case of improper usage or if you have opened, altered or repaired the product yourself, all guarantees are void. This excludes battery replacement in the wireless remote control.
- The supplier does not accept responsibility for additional or consequential damage other than covered by legal product responsibility.
- The supplier is not responsible for the end use of this product including any improper use or when used for purposes that are not specified.

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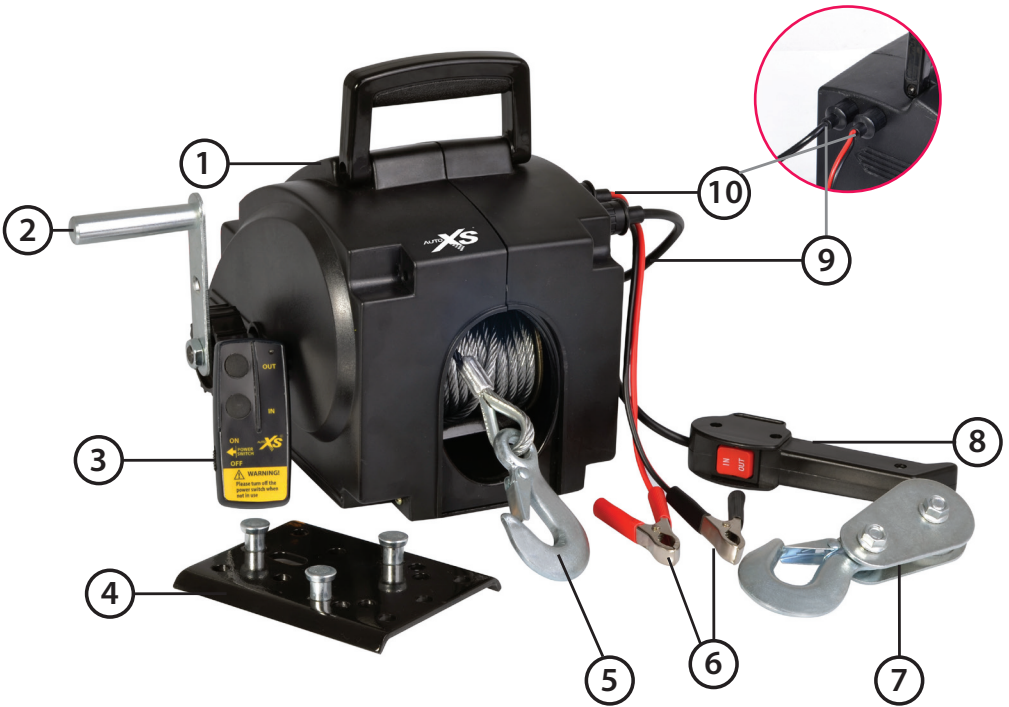
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# Assembly and Part List

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1. Boat Winch
2. Manual Hand Crank
3. Wireless Remote Control (A23 Battery included)
4. Mounting plate
5. Snap Hook with Cable
6. Power Cable & Clips
7. Pulley Block
8. Wired Remote Control
9. Wired Remote Socket
10. Power Plug Socket
11. Instruction Manual (Not Shown)
12. Getting Started Guide (Not Shown)
13. Warranty Card (Not Shown)

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# Features & Specifications

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## Features

- Powerful 3500lbs/1588kgs of pulling capacity
- 11.6m tensile cable
- Tri-point mounting plate
- Wireless remote control with 18m range
- 3m wired remote control
- 6m power cable and clips to connect directly to car battery
- Convenient handle for portability
- Manual hand crank
- Durable ABS casing

## Specifications

<b>Recommended Boat Size:</b>	21ft
<b>Maximum Boat Weight:</b>	4490kg/9900lbs
<b>Capacity:</b>	1588kg /3500 lbs Pulling 4490kg/9900lbs Marine 4989kg/11,000 lbs Rolling 2721kg/6000lbs Double Line
<b>Power Supply:</b>	12V DC
<b>Winch Weight:</b>	9.9kg
<b>Winch size:</b>	240 x 237 x 220 mm (LxWxH)
<b>Line Speed:</b>	1.51m/min with no load
<b>Power:</b>	0.6kw motor
<b>Cable Length:</b>	11.6m x 5.4mm
<b>Wireless Remote Range:</b>	18m

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# Getting Started

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## Accessories Required / Recommended Before Use:

- U-bolts, washers & nuts or connectors to fit your trailer.
- A wheel wedge (eg. Timber offcut) to keep your vehicle secure when winching.
- Gloves to protect your hands.

Ensure you read all instructions before operation of the boat winch. The following are basic steps that should be followed before proceeding to operation instructions.

1. Consult your trailer manual for best location to install the mounting plate for the boat winch.
2. The mounting plate needs to be fixed prior to use, refer to 'Mounting The Winch' on page 6 for instructions.
3. The boat winch will require power when in use. Use the included power leads from the boat winch to connect to your car's battery.
4. Before operating the winch, consult your boat manual for the approved pulling point (snare) location.
5. The boat winch can be operated using either the wired remote control or the wireless remote control. A manual hand crank is included for recoiling the cable if preferred.

**NOTE: All parts of the packaging are recyclable except for Styrofoam and plastic bags.**

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# Instructions

## Before First Use

### Pulling Capacity

This boat winch has the following maximum capacities:

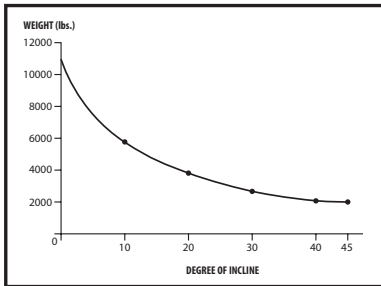
Move a load from dead stop on level ground: 1588kg/3500 lbs

Move a water borne load: 4490kg/9900lbs

Maintain movement of a wheeled vehicle: 4989kg/11000 lbs

Pulling double line: 2721kg/6000lbs

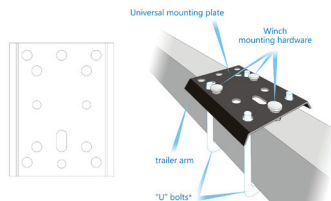
Pulling capacity is reduced as incline increases. For example, rolling capacity is reduced from 4989kg/11000lbs on flat ground to approximately 900kg/2000lbs on 45 degree incline. Refer to the following chart for estimated pulling capacity (rolling weight) on various inclines.



**NOTE: Chart for illustration purposes only, not an exact guide.**

## Mounting the Winch

1. Ensure you have located the correct position for the mounting plate according to your trailer manual.
2. The included mounting plate is designed for use with U-bolts (sold separately). Select appropriate sized U-bolts according to your trailer for application before fixing. Alternatively the mounting plate can be fixed to the mounting location by drilling holes and using appropriate bolts, washers and nuts (sold separately).



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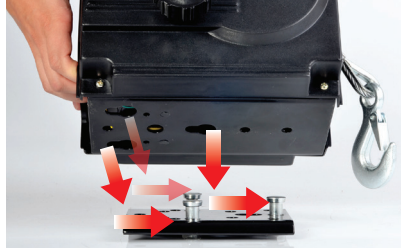
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3. With the plate securely mounted, align the base of the boat winch with the three quick release mounting bolts on the plate. Once inserted slide forward and ensure the winch is secure.



## Connecting the Winch

1. Plug the input of the power lead into the power socket located on the side of the boat winch.



2. Run the power lead from the winch to your vehicle battery.

**NOTE: Ensure the lead is not tangled or at risk of being a tripping hazard.**

3. Connect the power cables to your battery by securely clipping the black lead to the negative terminal of the battery, then the red lead to the positive terminal of the battery.



**WARNING: When connecting to terminals; ensure engine is off.**

**NOTE: Most car batteries will indicate + or red for positive terminal and – or black for negative terminal. If you are unsure, please contact your battery or car supplier.**

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4. Connect the wired remote to the remote control socket located on the side of the boat winch.



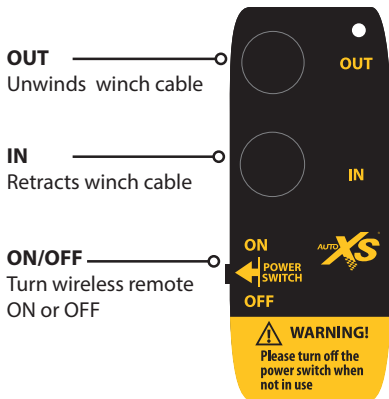
**NOTE:** If using the wireless remote, disregard step 4.

## WARNING

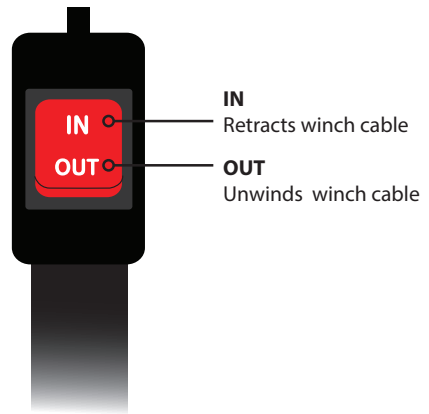
- Ensure the power lead is connected to the correct terminal of the vehicle battery.
- Do not use the boat winch for extended periods as it may drain the vehicle battery.

## Using the Winch

### WIRELESS REMOTE



### WIRED REMOTE



1. Prior to use, start your vehicle. Ensure your vehicle is in neutral and engage your hand brake. Use a wheel wedge for extra support.

**NOTE:** To maintain battery life, keep your motor running while winch is in use to charge the battery.

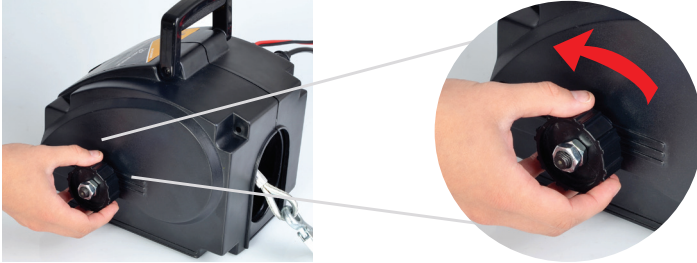
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2. Release the clutch on the winch and pull out the desired length of cable. To release the clutch, turn the clutch knob counter clockwise. You may need to loosen the locking nuts on the drive shaft so that the clutch knob can be fully loosened.



**NOTE:** When rewinding cable leave at least three turns of cable on the reel to prevent pulling the cable out of the winch. Attach the snap hook to boat using a pulling point (eg, boat snare).

**WARNING:** Do not wrap the cable around the object and hook onto the cable itself as this might cause damage to the object or fray the cable.

3. Re-tighten the clutch knob by turning it clockwise to engage the electric motor.
4. Stand at a safe distance before operating the boat winch. Be sure to remove any debris (seaweed etc) from the winch cable. When it is safe to operate, press IN on the wired or wireless remote control to retract the cable.

**WARNING:** Do not stand near the cable or in line with the cable behind the boat winch while operating it. If the cable snaps or breaks under load, it will whip back towards the boat winch and cause injury to anyone within the area.

5. Remove winch and store in a dry place when not in use.

**NOTE:** The device is equipped with an overload circuit and is activated if the winch is overloaded. The overload circuit will self-reset after several minutes, please do not stand near the cable or in line with the cable when the overload circuit is activated.

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## Using the Pulley Block

The pulley block can be used to increase the pulling capacity of the boat winch.

1. Unscrew the nut on the pulley block and remove the bolt which secures the pulley wheel.



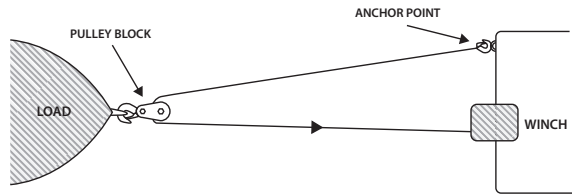
2. Remove the pulley wheel and insert the winch cable in the pulley.



3. Re-insert the pulley wheel and secure it using the nut and bolt ensuring the winch cable is on the inside of the wheel.



4. Once the pulley block has been set up on the cable, refer to the diagram below for a typical double line set up. Ensure you follow instructions for use as outlined on pages 6-9.



**2:1 Configuration**

\*Illustration purposes only

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## Using The Manual Hand Crank

A manual hand crank is included for retracting the cable.

1. To attach the crank handle, remove the first locking nut and slide the handle onto the drive shaft. Screw the first nut back onto the shaft to ensure the handle is firmly in place.



2. Turn the clutch knob counter clockwise to disengage the clutch.



3. Turn the handle clockwise to unwind the cable or counter clockwise to rewind the cable.

**NOTE: In manual mode, the winch is unbraked. Keep hands on the hand crank when winch is loaded to prevent crank from free wheeling.**

## Maintenance and Cleaning

- Wipe cable clean after use, particularly if exposed to sand, dirt or salt water.
- Lubricate the cable occasionally with lubrication oil.
- Check the wire cable before use for any signs of damage. If cable has any signs of wear, contact customer support on 1300 665 907.
- Ensure all electrical cables are in good working condition before use.
- Please retain all packaging to help prevent damage in transport. Remove unit from mounting plate. Disconnect the power cable and remote cable and storage separately in the box when transporting

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## The winch won't turn on

- Ensure that the power lead is correctly connected to your vehicle battery terminals.
- If using the wired remote control, check that it is connected to the socket at the side of the winch.
- If using the wireless remote control, check the batteries are charged and working.
- Check the battery connected to the winch is fully charged, and the vehicle is running.

## Unable to turn the manual hand crank

- Loosen the clutch knob to disengage the motor.

## How do I attach the mounting plate?

- Purchase suitable mounting hardware for your trailer and attach the mounting plate. Typical mounting hardware includes U-bolts, washers and nuts.

## What type of battery does the wireless remote use?

- The wireless remote uses one A23 12V battery
- To replace battery in remote control, remove battery cover from the rear of the remote. Remove old battery and replace with a new 23A Alkaline battery. Reinstall battery cover. Alkaline batteries can be safely disposed of with normal household waste. Never dispose of batteries in fire because they could explode.

## My winch is damaged

- If your winch shows any of the following signs, please cease use immediately:
  - Smoke is appearing from the unit
  - The cable is damaged or fraying
  - Visible damage to the hook or pulley
  - Damage to the power cable
  - Damage to the housing leading to exposure of moving mechanical partsPlease contact customer support as soon as possible to organise a replacement.

**Note: Mounting hardware is not included.**

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12V Boat Winch

# Repair and Refurbished Goods or Parts Notice

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Unfortunately, from time to time, faulty products are manufactured which need to be returned to the Supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost.

**We recommend you save this data elsewhere prior to sending the product for repair.**

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type or use refurbished parts in the repair process.

**Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.**

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on 1300 663 907 or write to us at:

Winplus Australasia  
PO BOX 537  
Bayswater Business Centre  
Bayswater, VIC 3153

Winplus Help Desk 1300 663 907  
(Operating Hours: Mon-Fri 08:30AM to 6:00PM)

customercare@winplus.com.au  
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The logo consists of the word "AUTO" in a bold, sans-serif font, followed by a large "XS". The "X" is stylized with a checkered flag pattern at its base, suggesting speed and racing. A registered trademark symbol (®) is located to the upper right of the "S".