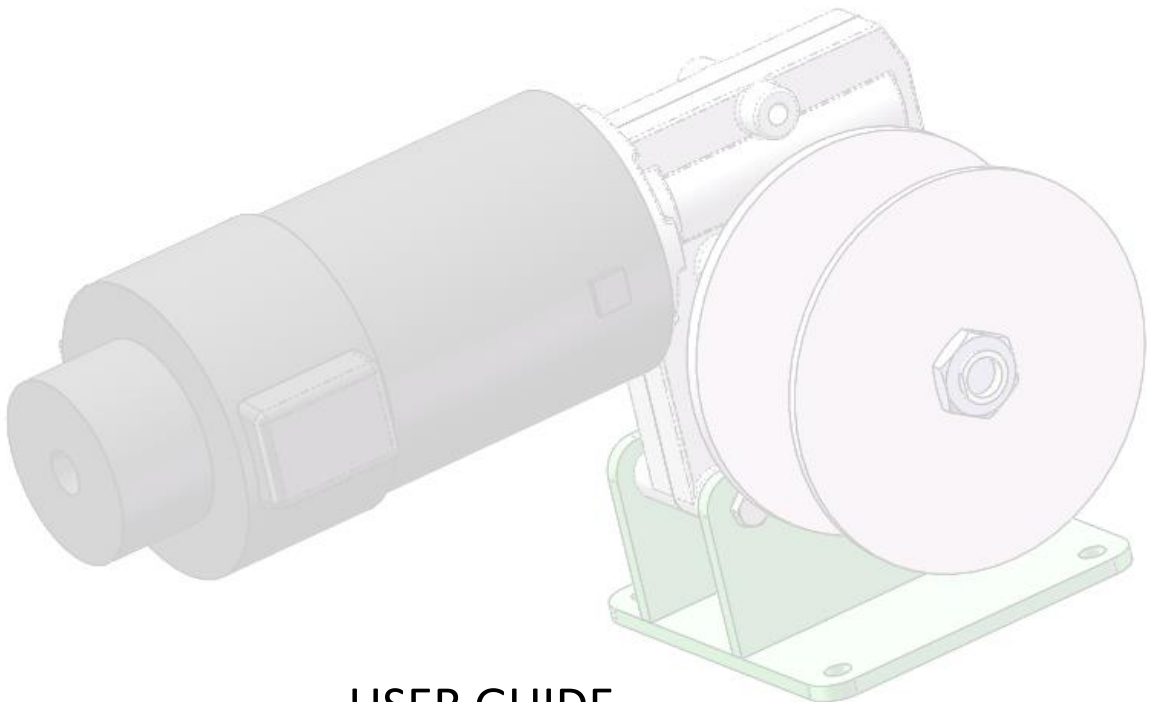


GLIDE-RITE POWER WINCH



USER GUIDE

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Introduction

Thankyou for your recent purchase of a Glide-Rite Power Winch. Before using the winch for the first time please take a few moments to read through the users guide to familiarise yourself with its operation.

This winch is of the highest quality and has been designed to give a robust and efficient service for many years.

Respect the dangers of a winch and its potential power when in operation.

Handset

3 button handset to operate the Power Winch.

The handset has a rubber surrounding and an internal magnet for convenience.

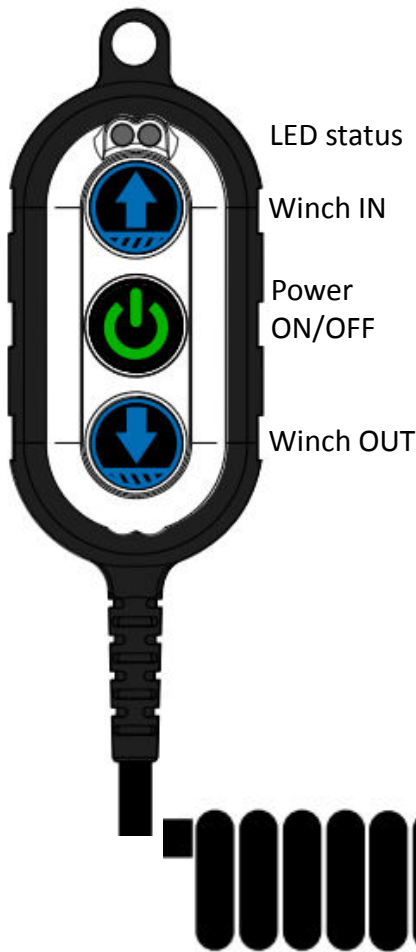
LED power indicator.

LED battery monitor feature.

Time out feature – automatically powers off after 5 minutes.

3 meter spiral cable – extended.

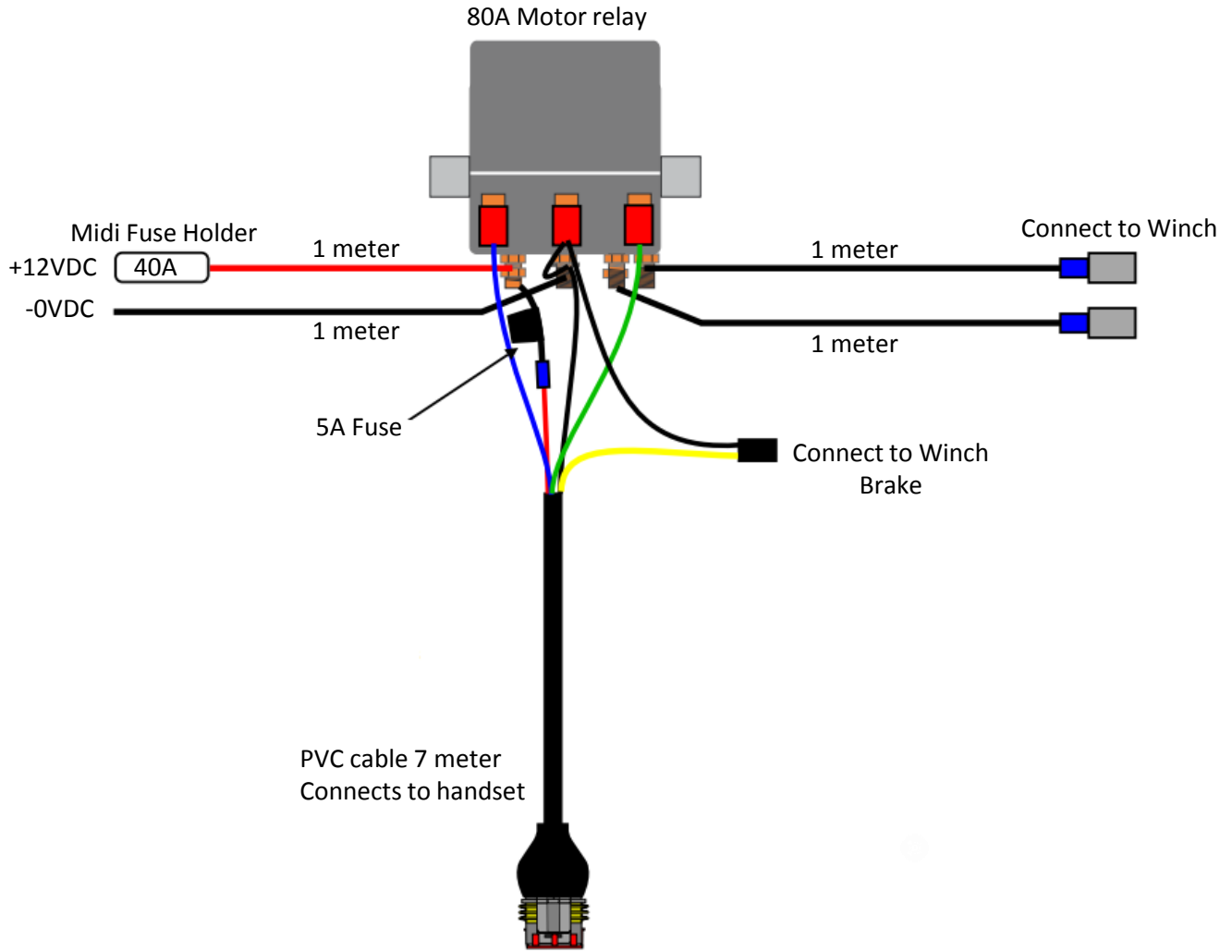
Supplied with a holster.



LED 1 (power indicator)		LED 2 (battery monitor)	
● ○		○ ●	Power must be ON
● ○	Power on	● ●	Green >13.1V
		● ●	Orange 12.5–13.0V
		● ●	Red <12.4V



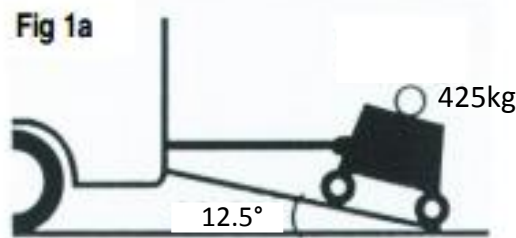
Wiring Loom



Operation



The safe maximum weight the winch will operate is 425Kg based on a ramp angle of up to 12.5° see fig 1a



Ensure the wheelchair / stretcher is positioned at the foot of the ramp and is aligned centrally.

Holding the handset press the power ON, take hold of the webbing and apply tension. Press OUT button whilst walking maintaining tension on the webbing- see fig 2a.



Failure to keep tension can result in the webbing wrapping around the spool.

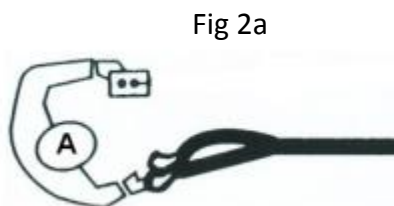
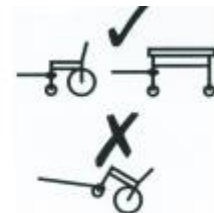


Fig 2a



Fig 2b



Secure the wheelchair / stretcher using the carabiner at the designed location – see fig 2b.

Press IN button on the handset whilst providing assistance at the rear of the wheelchair / stretcher to guide only, *do not attempt to push.*



If a docking station is being used, *do not* attempt to lock whilst using the winch, instead release the IN button just before the docking station & push manually to lock.

Remember to keep the tension on the winch webbing when unloading.

TECHNICAL SPECIFICATIONS

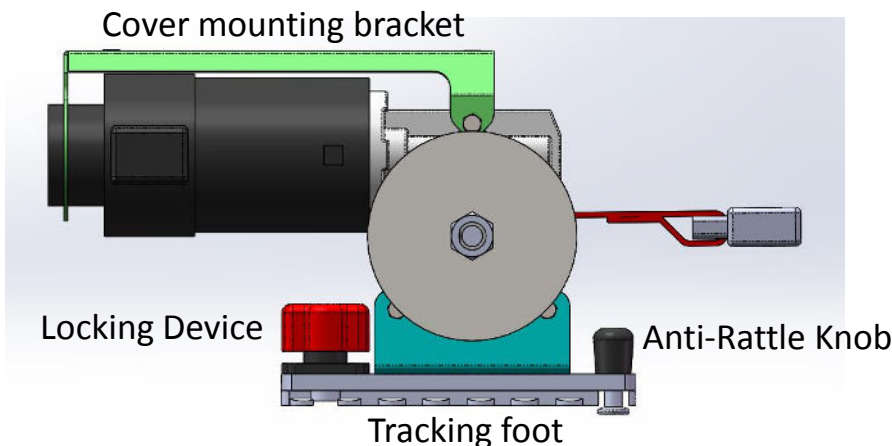
Technical Specifications	
WINCH MOTOR	12V DC
	200W OUTPUT
	50NM @ 37 RPM
	PULL A FREE WHEELED MASS OF 425KG AT 12.5°
WEBBING	LENGTH: 6.5M
	WIDTH: 45MM
	QUICK RELEASE CATCH
	HIGH VISIBILITY YELLOW STOP CHEVRONS
MOUNTING	STANDARD 4 HOLE BRACKET
	OPTIONAL REMOVABLE FOOT (FOR FLOOR MOUNTED TRACKING ONLY)
WHEELCHAIR ATTACHMENT	STANDARD 'Y' PIECE CARABINER

Optional extra's

- 1: Winch cover
- 2: Removable tracking foot & mount.



Black plastic winch cover fitted with a unique anti-rub belt guide. The cover is supplied with fixing's & a cover mounting bracket.



Instructions for the Tracking foot

- 1: Ensure the locking device is in the locked position, as shown above, this will activate a spring plunger on the underside.
- 2: Push the foot firmly into the track, you will feel the spring from the locking device & slide forward, until you feel a positive click (*this is now locked*).
- 3: Turn the anti-rattle knob to eliminate any rattle.
- 4: To remove the foot, simply half a turn of the anti-rattle knob, then a quarter turn on the locking device & the unit will lift out of the tracking.

Trouble shooting

Condition	Possible Cause	Correction
NO POWER ON THE HANDSET	LEAD UNPLUGGED	CHECK LEAD IS PLUGGED IN
	FUSE HAS BLOWN	REPLACE FUSE
	HANDSET TIMED OUT	PRESS POWER BUTTON
WINCH SPOOL TURNING THE WRONG WAY	WEBBING HAS COME ALL THE WAY OUT, THEN RE-REELS BACK IN	PRESS BUTTON TO ALLOW THE SPOOL TO UN-REEL, KEEPING THE BUTTON PRESSED TAKING THE WEBBING BACK IN
WINCH WILL NOT OPERATE	LOOSE CONNECTIONS	CHECK ALL WIRE CONNECTIONS
WINCH MOTOR RUNS HOT	RUNNING FOR LONG PERIODS	ALLOW COOLING OFF PERIODS
	DAMAGED WINCH	REPLACE WINCH
WINCH MAKES A HUMMING NOISE & DOES NOT TURN	LOOSE BRAKE WIRING	CHECK BRAKE WIRING
	FAULTY BRAKE	REPLACE BRAKE / WINCH
WINCH RUNS BUT HAS INSUFFICIENT POWER	WEAK BATTERY	CHECK HANDSET LED CONDITION
	WINCH POWER LEADS LENGTHENED, CREATNG A VOLTAGE DROP	CHECK CABLE AMPERAGE/ REDUCE LENGTH
	POOR EARTH CONNECTION	CABLE SHOULD EARTH TO BATTERY NOT CHASSIS
40A FUSE KEEPS BLOWING	SHORT CIRCUIT	CHECK WIRE LOOM / CIRCUIT
	EXCESSIVE LOAD WINCHED	REDUCE LOAD BEING PULLED
	EXCESSIVE LOAD ON BATTERY CAUSING HIGH AMPERAGE	SWITCH OFF OTHER ELECTRICAL UNITS

Warranty

Glide-Rite Automotive warrants each new winch & ancillary equipment supplied against factory defects in material & workmanship for two years from date of purchase.

Under this warranty, without charge, Glide-Rite will repair or replace parts which on inspection are deemed to be defective.

Warranty does not apply were the product has been tampered with or altered in any way, or in the view of Glide-Rite the damage or failure occurred from misuse, negligence or accident.

SERIAL NUMBER.....

DATE OF PURCHASE.....