Winch Extension Strap

A winch extension strap can be connected to the hook end of the winch cable or rope to extend its length if a suitable anchor point can't be reached.

Snatch Block

A snatch block is a valuable addition to your vehicle recovery winch. It allows you to maximise the pulling power of your winch and allows the winching angle to be changed if a suitable anchor point can't be found in a straight line in front of the vehicle.

Recovery Hook

This is a universal heavy duty recovery hook can be mounted to a suitable point on a vehicles chassis for vehicle recovery. It can also be used for anchoring the hook end of the cable to the vehicle when using a snatch block.

Roller Fairlead

The use of a roller fairlead assists in guiding the steel cable onto the cable drum, minimising damage to the cable itself.

Alloy Hawse Fairlead

An alloy hawse fairlead is essential if using a synthetic rope. It prevents the rope being caught between the rollers and sustaining damage if used with a conventional roller fairlead.

Recovery Hitch & Bow Shackle

This is a removable recovery point that fits into the hitch receiver of most heavy duty tow bars and allows the vehicle to be recovered from behind.

Bow Shackle 4.75T

These shackles are designed and rated for the heavy loads that can exerted on them during vehicle recovery.

Small Recovery Bag

This heavy duty bag is an ideal way to store your recovery gear.

Recovery Traction Tracks

Works with 2WD and 4WD Vehicles
Prevent your vehicle's tires from spinning when stuck
Snow, Mud, Sand, or Ice!

- With an incredible 10 Tonne load capacity
- Get your 4WD out of any Situation
- Multi-Functions of Traction Mat
- Easy to Carry

PROBLEM	POSSIBLE CAUSE	SOLUTION
Winch won't work	Flat battery in vehicle	Replace or recharge battery NOTE: Winch should always be connected to the main battery not auxiliary
	Flat battery in wireless remote controller	Replace battery or use plug-in controller
	Winch has been wired incorrectly	Check all wiring as per diagram in installation pages of this manual
	Poor motor earth	Make sure earth cable for motor is connected to main battery
	Poor control box earth	Mare sure small earth wire for control box is securely connected to a good earth (eg. Earth stud on winch motor)
	Wireless activator or plug-in hand controller are not connected to control box	Connect wireless activator or plug in hand controller to control box and make sure that hand controller is switched to correct mode.
Hand controller will not operate	Incorrect mode selected on hand controller	Select wireless or plug in mode on hand controller
Winch works in wrong direction	Cable spooled in the wrong direction on the drum	Make sure that cable is spooled on in the direction indicated on winch housing
	Winch has been wired incorrectly	Check all connections on motor as per wiring diagram in installation pages of this manual

PROBLEM	POSSIBLE CAUSE	SOLUTION
Winch will only work in one direction	Winch has been wired incorrectly	Check all connections on motor as per wiring diagram in installation pages of this manual
Brake will not hold on hills	Cable spooled on in the wrong direction on drum	Make sure that cable is spooled on in the direction indicated on winch housing
Clutch handle is difficult to rotate	Load has not been released from cable	Using hand controller, spool cable out slightly to release the load from the cable
Winch motor gets hot during winching	This is quite normal	Winch needs to be checked regularly during winching. With bare hand, if it is uncomfortably warm to touch, cease winching until it has cooled down
Winch will not free-spool	Clutch handle is in the 'Engage' position	Rotate handle to the 'Disengage' position
	Uneven winch mounting surface	Make sure that winch mounting surface is flat and not distorted and that winch mounting bolts are tight
Winch motor operates but cable drum does not turn	Clutch handle is in the 'Disengaged' position	Rotate handle to the 'Engage' position

Further Enquiries
For further assistance please contact your place of purchase.

FCC Caution.

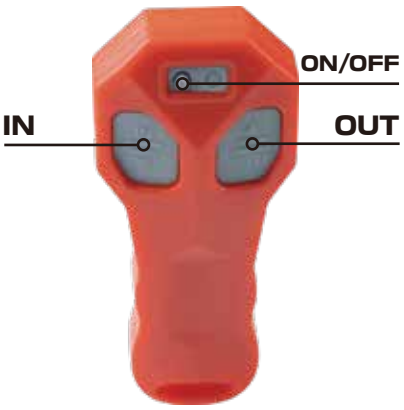
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

***RF warning for Mobile device:**
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Wireless remote control use method



You can turn the wireless remote ON and OFF by clicking the ON/OFF button, and the indicator light will light up when the remote is turned on

Press the IN button and winch will retract the rope, press the OUT button and winch will release the rope.
Release the IN/OUT button and winch brakes automatically

The remote control will turn off automatically if it is not operated for three minutes

Precautions for Winch operation (very important):

- Winch is a high current product, do not quickly change the double key of the switch to change the direction of the motor during operation, because the motor has inertia, rapid change of direction will produce instantaneous current, instantaneous current greater than 800A will seriously damage the winch relay.

- It is normal for the winch to heat up when working. After 30 seconds of heavy load or a period of time of light load, the winch should be properly stopped for cooling

- When the winch is in use, the terminal connecting the winch rope cannot bear too much load. Therefore, ensure that the winch has six coils of rope on it at all times.

- When using the winch, ensure that the vehicle engine is always running, otherwise the winch can consume the dry battery power and cause the vehicle cannot start normally.

- When using the winch, please ensure that the clutch is completely in the biting position. If the clutch is in the semi-clutch state, it may lead to uneven force and fracture of the gear. When the winch is not used for a long time, please disconnect the power supply to prevent power consumption and misoperation.

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-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.