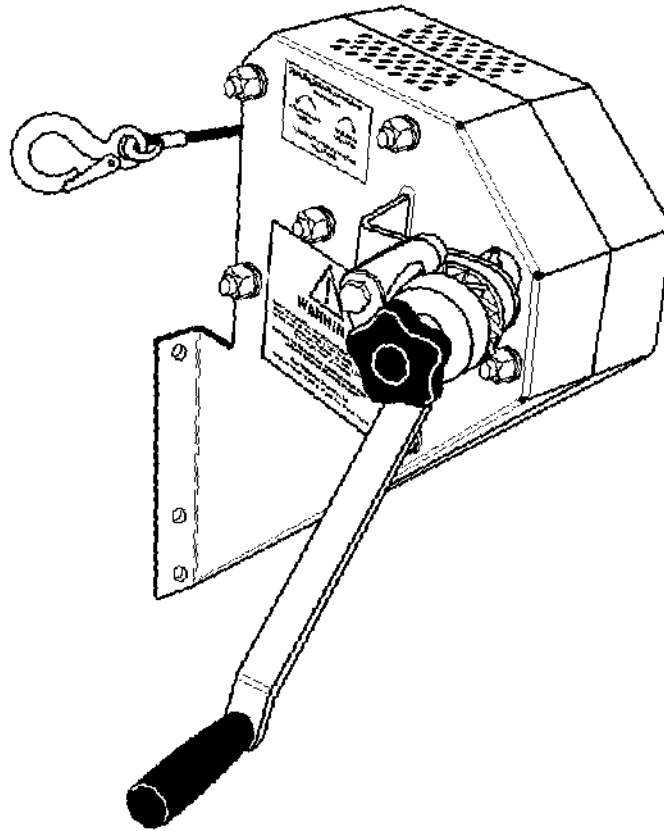


# OPERATING INSTRUCTIONS



## Manual trailer winch

**2000Kg and 3000Kg models with automatic load-restraining brake**

These instructions are provided to help you to get the best possible service from your trailer. To ensure that the trailer is used safely, we strongly recommend that the instructions are read by all users and all the recommendations followed.

***Misuse may invalidate warranty***

### IMPORTANT


If you sell your trailer, please pass on this booklet as well as the main User Handbook to the new owner



**BRITAIN'S LEADING TRAILER  
MANUFACTURER**



## Introduction to the winch

 The Lfor Williams mechanical winch is available in either 2000Kg or 3000Kg capacities. The winch capacity is defined as the maximum weight of a free rolling load which can be winched up the ramp incline of your Lfor Williams trailer when parked on level ground. Both versions are fitted with an automatic load-restraining brake designed to hold the load on the cable preventing the possibility of run away should the operator release the handle .


### Winch Application

These winches are designed for use on Lfor Williams trailer models, when attached to their towing vehicles. The mechanical advantage of the winch allows heavy objects to be moved easily. Potential safety hazards may be created by the high cable forces and the potential instability of the load as it ascends/descends the trailer ramp. When using a winch it is recommended that ALL PERSONS involved are familiar with the operational instructions for the winch and are aware of any potential hazards.


### Mounting the winch

The winch must be correctly mounted on the trailer, on LT/LM type trailers the front cross member & front rave are of adequate strength. On GD type trailers a mounting kit is available which provides a strong point on the front panel to suit the base of the winch frame. Use M12 High Tensile bolts (Grade 8.8) to mount the winch with washers under the heads and always fit self locking nuts.


### CAUTION - Winching light loads

 When winching very light free-rolling loads (typically under 150Kg), the automatic brake may fail to function, if this is suspected then the black knob should be held momentarily whilst winching to manually activate the brake, as failure to do so could result in the load running away as the winch free-spools the cable out.

### CAUTION - Holding loads on the brake

 The automatic load restraining brake is a safety feature to prevent a runaway load, It should not be relied on to hold the load for extended periods or to hold the load during the journey. When a load is being temporarily held on the brake it is however still essential to ensure that no one walks behind or interferes with the load.

### Cable/Strap Replacement

 Only use an approved cable which we can supply - DO NOT use anything else. The new cable should be engaged in the drum cable clamp, carefully tightening the grub screw to secure. Note: this clamp alone will not hold the cable at the maximum rated load.


**ALWAYS HAVE AT LEAST THREE TURNS OF THE CABLE ON THE DRUM.**

## OPERATING INSTRUCTIONS

### 2000Kg Winch (note handle rotation differs from 3000Kg model)


#### To let out cable :

Hold black knob and turn handle clockwise until it locks against black knob, then pull out cable steadily.


 **CAUTION:** The winch handle will spin as the cable spools out – ensure that no one is near the handle to avoid the risk of personal injury.

#### ALWAYS LEAVE AT LEAST THREE WRAPS OF CABLE ON THE DRUM

#### To pull cable/load in :

 Turn handle anti-clockwise. When cable becomes tensioned the handle will automatically release from the black knob and return to its original pulling position. If you stop turning or let go of the handle the brake will automatically hold the recommended load.


#### To let the load out :

 Turn handle clockwise. You can stop the load at any time whilst unloading and the brake will hold the load. (Refer to cautions in introduction)

### 3000Kg Winch (note handle rotation differs from 2000Kg model)


#### To let out cable :

Hold black knob and turn handle anti-clockwise until it locks against black knob, then pull out cable steadily.


 **CAUTION:** The winch handle will spin as the cable spools out – ensure that no one is near the handle to avoid the risk of personal injury.

#### ALWAYS LEAVE AT LEAST THREE WRAPS OF CABLE ON THE DRUM

#### To pull cable/load in :

 Turn handle clockwise. When cable becomes tensioned the handle will automatically release from the black knob and return to its original pulling position. If you stop turning or let go of the handle the brake will automatically hold the recommended load.

#### To let the load out :

 Turn handle anti-clockwise. You can stop the load at any time whilst unloading and the brake will hold the load. (Refer to cautions in introduction)

## Essential points for correct and safe winch use:

- The winch is not designed to be a human or equipment hoist and must never be used when there are persons positioned on or under the load being moved. Note; the winch must not be used to lift a load off the ground.
- The weight of the load should be within the winch rating and the maximum gross weight of the trailer
- Use only the approved steel cable which has been correctly assembled with an approved hook.
- Always check the cable and hook before each use. **DO NOT A USE WORN, FRAYED OR KINKED CABLE.** If in doubt fit a new cable assembly.
- Do not stand in or behind the load while the winch is being used.
- Do not stand near the cable as it can whip violently if it should break or become detached from the load.
- If you need more than one hand to operate the winch you may be overloading it.
- This winch **MUST** only be used by adults who have read & understood these instructions.
- Always ensure you are wearing the correct protective equipment when using the winch. Heavy duty gloves and steel-toed shoes or boots are the recommended minimum protection.
- **NEVER** place your hands inside the winch mechanism.

### Lubrication/Maintenance

Gears should always have a film of grease on them. Apply oil to each end of rotating shafts and also to the ratchet pivot. Keep the ratchet and working parts clear of dirt, paint, ice, etc. and keep clean. Replace worn parts using genuine spares only.

### Your warranty

As with all Lfor Williams products this winch (excluding it's cable) is warranted to be free of component and/or manufacturing faults for a period of one year from the date of purchase, this warranty does not cover misuse, neglect or damage to the winch or any consequential damage arising from incorrect use or overloading of this winch.

If your winch was purchased with a trailer then the guarantee card/registration card will be your proof of purchase, if you purchased this winch separately or at a later date then you may be asked for a receipt or bill of sale as a proof of purchase date.

Please fill in the following details and keep this leaflet in a safe place, we may need these details in the event of a warranty claim or if spare parts are to be ordered.

Winch serial no. \_\_\_\_\_ Cable serial No. \_\_\_\_\_

Winch rating : \_\_\_\_\_

Purchased from: \_\_\_\_\_ Date: \_\_\_\_\_