



Pacific Hoists

WIRE ROPE PULLING HOIST

Operation Instructions



Pacific Pull Lift Winches are a lever operated hand winch offering light weight, strong performance, and substantial operating life with the added advantages of lower operator effort and less rope wear.

They are designed to be operated by one person to perform tasks such as lifting, pulling and general movement of loads. With the addition of load sheaves the load can be multiplied accordingly.

Small, compact and light weight, Pacific Pull Lift Winches can be easily transported and used for many applications including construction sites, pipe laying, movement and positioning of machinery, large switchboards and storage tanks, laying of tracks and sleepers, installation of masts and towers, loading and unloading of heavy and bulky goods for transportation, cable tensioning, demolition, many rural applications and of course as a necessary part of all 4WD recovery kits.



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Safety Precautions

1. Always select a Pacific Pull Lift Winch which is suitable for the required load.
2. Before use, carefully visually inspect the Winch to ensure it is in a safe condition for use with no missing screws or parts. Operate all of the handles to ensure they are in order with no unusual noise or restrictions.
3. Ensure the correct rope is selected for the Winch and check this to ensure it is clean and undamaged before reeving into the Winch.
4. The factory supplied Anchor Pin fitted into the Fixed Axis must not be substituted for any other pin. Failure to follow this directive may cause a misalignment of the winch with possible damage and failure of the unit which may cause personal injury to the operator.
5. Only the Fixed Axis point with the Anchor Pin fitted must be used to fix the Winch and the fixed point of the Rope end must support the other end. Never try to operate the Winch in any other configuration as personal injury may be the result.
6. Always ensure the Wire Rope being used is the correct assembly for the specific Winch. During operation the Rope should be kept clean ensure mud and/or dirt does not enter inside the Winch. Failure to follow this precaution will increase wear on the Rope and the Grip Jaws and may shorten the serviceable life of both.
7. During normal operation it is not necessary to grease the rope.
8. Always ensure the correct Telescopic Handle for the specific Winch is being used. Do Not utilise extended handles or leverage bars to save effort. If the load is too much for the Winch operation, either use a larger capacity Winch or apply the use of pulley blocks with the rope to decrease the effort required on the operating handle.
9. Always ensure the Rope inlet and outlet on the Winch is not obstructed during operation. Also check the Rope is free to move through the inlet and outlet without jamming due to being curled or wrapped around an obstacle. Be aware of any Rope twisting trend during operation as tension release of this may damage the Rope or worse, cause injury to any personnel in the vicinity.
10. Always ensure only one Handle is in use at any time and that the others are not obstructed during use. Failure to do so may cause injury to personnel.
11. Never use the Rope itself as a loop around the load as this may damage the rope strands which may cause an accident. Never use damaged Rope in any Winch as this will reduce and even negate effective operation.

Maintenance

1. When the operation has been completed, remove any mud and/or dirt from the free end of the Rope before Opening the Grip Jaws, as described above. Pull the Rope from the Winch and wind it orderly onto the Rope Collecting Ring ensuring all dirt etc is removed during this process. Always store the Pacific Pull Lift Winch and Wire Ropes in a dry storage area.
2. If the above precautions have not been taken and/or if mud, concrete, dirt or other damaging particles have penetrated the Winch it is suggested that both the unit and its rope be returned to a suitable repair centre for dismantle and cleaning prior to re-assembly and re-testing before it is placed back into service. Failure to follow this point may prove the product to be defective and possibly dangerous when next required for use.
3. Do not attempt to strip and repair this unit unless qualified to do so.



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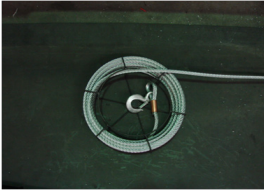
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Operating Instructions



Unroll the wire rope avoiding kinks and twists



Fit the operating handle then lock into position by rotating through 90 degrees



With the operating handle (1) fitted to the reverse lever (4) push both reverse lever and latch lever (3) downwards until latch has engaged in the open position



Insert the rope until it emerges from (a) if any difficulties are encountered, withdraw approx 30mm, rotate and re insert.



Once rope has been fed through inlet, to operate; move operating handle (1) so that latch lever (3) returns back to original position to engage grip jaws.



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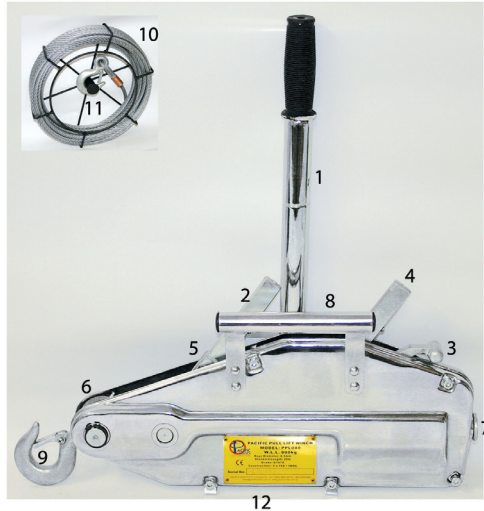
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1. Telescopic Operating Handle
2. Feed Control lever
3. Latch Lever
4. Reverse Lever
5. Safety pin
6. Rope Outlet
7. Rope Inlet
8. Carry Handle
9. Suspension Hook
10. Wire Rope with hook
11. Reel
12. Base Stand



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