KEEP FOR FUTURE REFERENCE

OPERATING INSTRUCTIONS

INTENDED FOR USE BY SKILLED PROFESSIONALS • READ AND UNDERSTAND BEFORE OPERATING

WOOD'S POWR-GRIP WPG.COM

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LADDER LIFT

Model number: LW185

Record serial number in blank space above (to locate, see serial label on the product).

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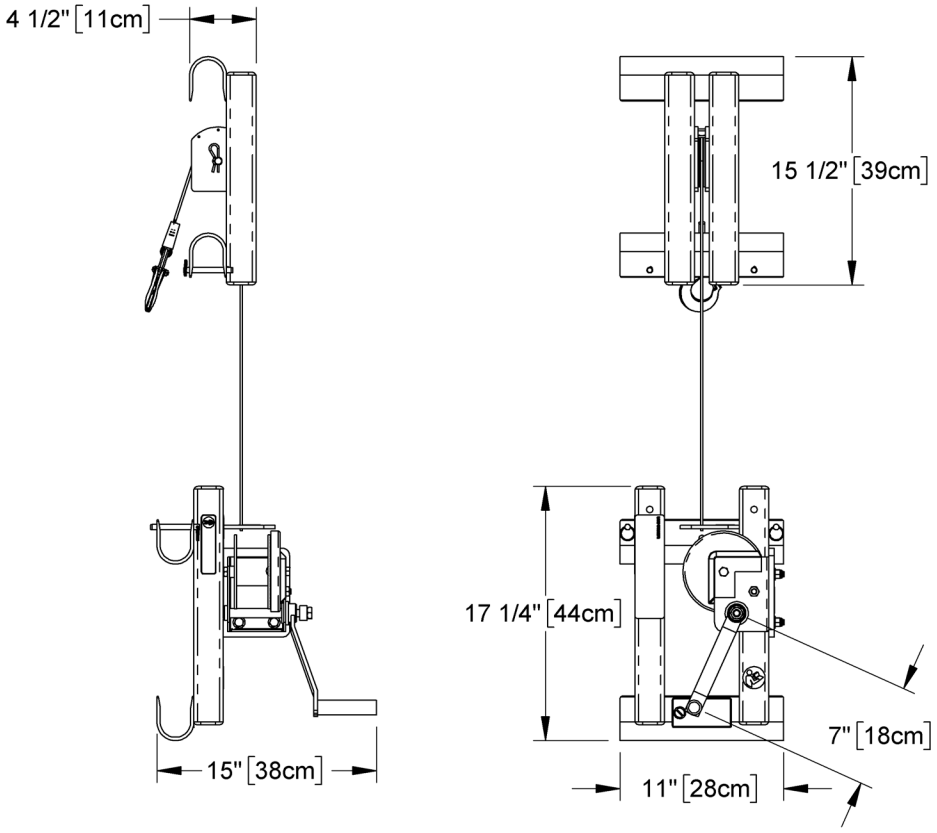
SPECIFICATIONS

Product Description	The Ladder Lift attaches to the rungs of a ladder, with the pulley assembly on top and the winch assembly near the bottom, to enable window installations above ground level.
Model Number	LW185
Maximum Load Capacity	185 lbs [85 kg]
Maximum Lift Height	30' [9.1 m]
Product Weight	35 lbs [16 kg] (not including ladder)
Winch Unit Dimensions	15" x 17¼" x 11" [38 cm x 44 cm x 28 cm]
Pulley Unit Dimensions	4½" x 15½" x 11" [11 cm x 39 cm x 28 cm]
Ladder Requirements	ANSI Type IAA, rated to 375 lbs [170 kg] capacity



SAFETY

Wear personal protective equipment that is appropriate for the load material. Follow trade association guidelines.

Do not remove or obscure safety labels.

Do not make any modifications to the Ladder Lift (see “LIMITED WARRANTY”).

Use the Ladder Lift only in an approved “OPERATING ENVIRONMENT” (see “INTENDED USE”).

Do not use a Ladder Lift that is damaged, malfunctioning, or missing parts.

Do not exceed the Maximum Load Capacity or lift loads the Ladder Lift is not designed for (see “INTENDED USE”).

Do not use a Ladder Lift to lift cracked or broken glass.

Do not use the Ladder Lift if the Maximum Load Capacity or any safety label appears to be missing or obscured.

Keep unauthorized personnel away from the Ladder Lift, to avoid injury in case of an unintended load release.

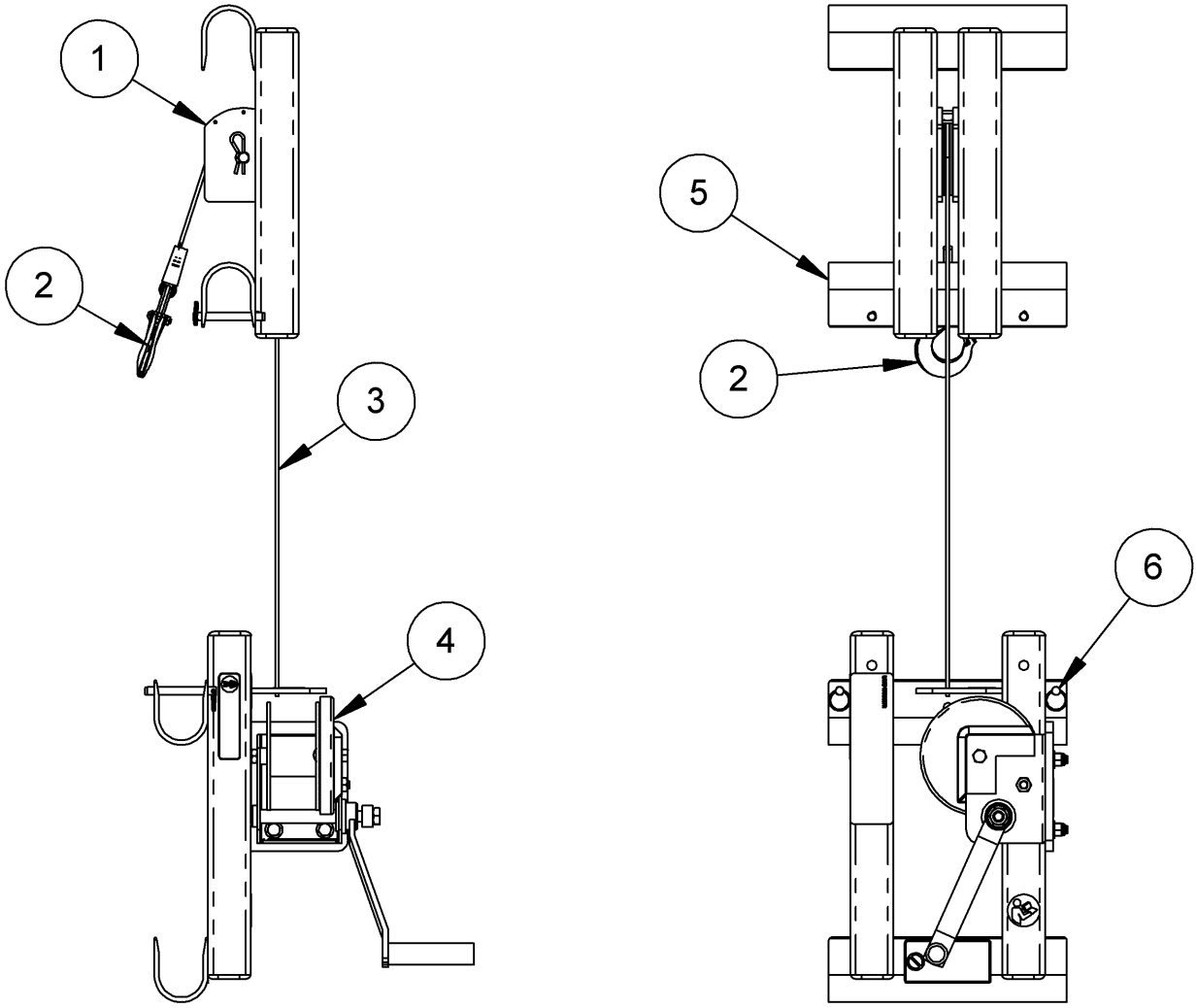
Do not lift a load higher than necessary or leave suspended loads unattended.

Do not allow anyone to sit or stand on any components of the Ladder Lift, the ladder or the load being lifted.

Do not position a loaded or unloaded lifter over people.

OPERATING FEATURES

Features shown here are underlined on their first appearance in each section following.



1	PULLEY	2	LIFTING HOOK
3	WIRE ROPE	4	HAND WINCH
5	PULLEY UNIT	6	WINCH UNIT

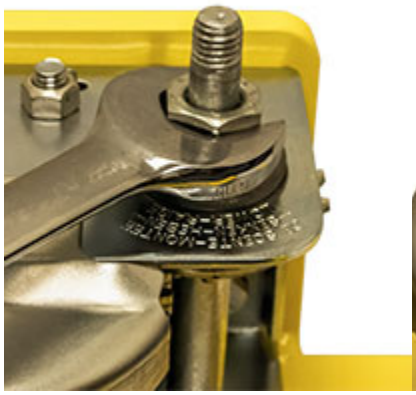
For information about specific parts, see “REPLACEMENT PARTS” or “WINCH MANUFACTURER’S INFORMATION”.

ASSEMBLY

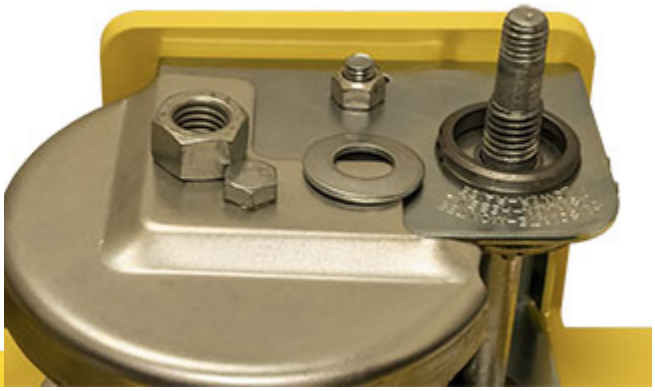
1) Remove all shipping materials and save them with the shipping container for future use.
2) Select a ladder that meets all Ladder Requirements (see “SPECIFICATIONS” on page 3) and set it on the ground.
3) Install the Ladder Lift’s handle on the hand winch:

3.1) Remove the 5/8 -11 hex nut and 5/8" flat washer that were installed in place of the handle during shipping (figs. 3A-B).

3A



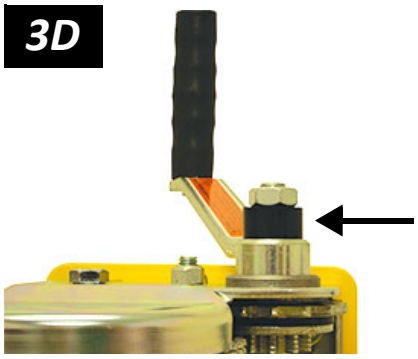
3B



3.2) Mount the winch handle on the winch and secure with the supplied hardware (fig. 3C).

3C

3D

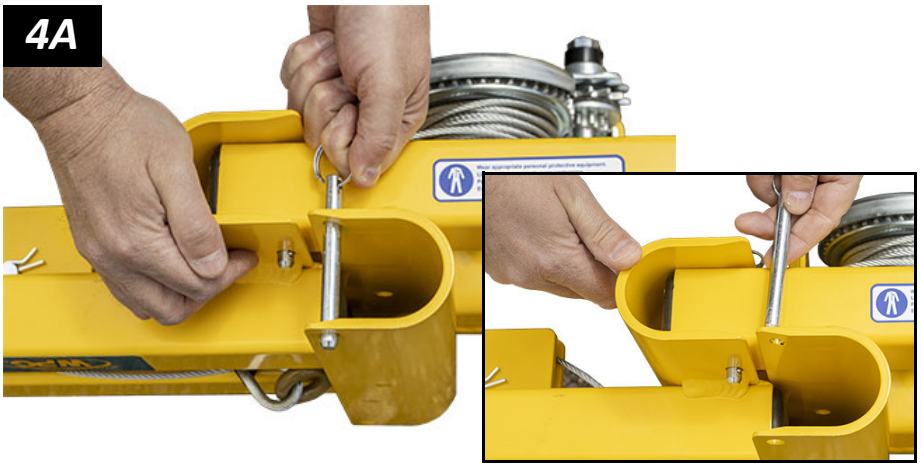


Note: The winch handle assembly includes a spacer (arrow in fig. 3D) instead of the spring designated as item E in the manufacturer’s provided illustration (see “WINCH MANUFACTURER’S INFORMATION”).

4) Attach the Ladder Lift's winch unit and pulley unit to the ladder:

4.1) Make sure the combined units are resting on a stable surface. Then remove all cotterless hitch pins from the rung supports (figs. 4A and inset, and 4B).

4A



4B

4.2) Crank the hand winch counterclockwise (fig. 4C), to slacken the wire rope until the winch unit can be positioned on the ladder.

4C

4.3) Hook the winch unit on the rungs above the base of the ladder.

Note: Position the winch unit at a height that allows comfortable use of the winch.

Then reinsert the hitch pins on its rung support, to secure (fig. 4D).

4.4) Continue to slacken the wire rope until the pulley unit can be positioned on the desired ladder rungs (see step 4.2). Then hook the pulley unit on the rungs and reinsert the hitch pins on its rung support, to secure (fig. 4E).

4.5) Remove the cotterless hitch pin that secures the lifting hook (fig. 4F), so the hook can be lowered to attach a load.

Never allow anyone to scale any ladder equipped with a Ladder Lift.

5) Lean the ladder against the building where you intend to use the Ladder Lift (fig. 5A).

5A

Never place base of ladder more than 1/4 of its length from building.

When the Ladder Lift is in position, the distance from the base of the ladder to the building should be 1/4 the length of the extended ladder.[1] For maximum stability, the operator should locate the base of the ladder out as far as possible without exceeding this relationship. If the ladder were positioned past 1/4 of its extended length from the building, this could cause the ladder to slide out, possibly resulting in injury or damage to the Ladder Lift or the load.

Note: For extension ladders, slacken the wire rope as needed to allow extension of the ladder to the desired length. Whenever the extension length is subsequently reduced, remove the wire rope's slack accordingly.

6) Perform tests as required under "TESTING".

Note: Do not attempt to lift or lower a load unless the hand winch's brake is functioning correctly (see "TO LIFT A LOAD").

Winch brake may require a short break-in period to work properly.

1..... For example, the base of a 24-foot [731-centimeter] *extended length* ladder should be 6' [182 cm] from the building.

LOAD CHARACTERISTICS

Make sure the Ladder Lift is intended to handle each load, given these restrictions:

Do NOT lift explosives, radioactive substances or other hazardous materials.

- The load weight must not exceed the Maximum Load Capacity.

- The load must not contact the ladder while being lifted.

  Note: If a load would contact the ladder by rotating while suspended from the wire rope, it should be restrained using a guide rope or other appropriate means.

OPERATING ENVIRONMENT

Make sure the Ladder Lift is intended for use in each work environment, given these restrictions:

- The Ladder Lift is not intended for any environment that is dangerous to the operator or damaging to the Ladder Lift. Avoid environments containing explosives, caustic chemicals and other dangerous substances.

Never use Ladder Lift in dangerous environments.

Never use Ladder Lift near power transmission lines; it conducts electricity.

- The Ladder Lift is not designed to be waterproof. Do not use it in rain or other unsuitable conditions.

  Note: Moisture on the ground diminishes the ladder's slip resistance and, in the absence of adequate reinforcement of the ladder's feet, constitutes an unacceptably dangerous condition. Refer to the ladder manufacturer's instructions about safe working conditions.

Moisture reduces slip resistance of ladder feet.

Before Using the Ladder Lift

Determine whether the Ladder Lift is capable of each intended task (see "SPECIFICATIONS" and "INTENDED USE"). Then complete the following preparations:

Taking Safety Precautions

- Be trained in all industry and regulatory standards for winch operation in your region.
- Follow trade association guidelines about precautions needed for each load material.

Read all directions and safety rules, including those provided by the ladder manufacturer, before using Ladder Lift.

Always wear appropriate personal protective equipment.

Performing Inspections and Tests

Follow the "Inspection Schedule" and "Testing".

To Attach the Lifting Hook to a Load

Never use Ladder Lift to pull or drag load sideways.

1) Position the lifting hook just above the load. Then center the load beneath the hook (fig. 1A).

2) Remove the locking pin from the restraining latch on the lifting hook (fig. 2A). Clip the load's rigging or lift point into the lifting hook, making sure the restraining latch flips back into place (figs. 2B-C).

Always use locking pin to secure restraining latch on lifting hook before lifting load.

Then reinsert the locking pin, to secure the restraining latch (fig. 2D).

TO LIFT A LOAD

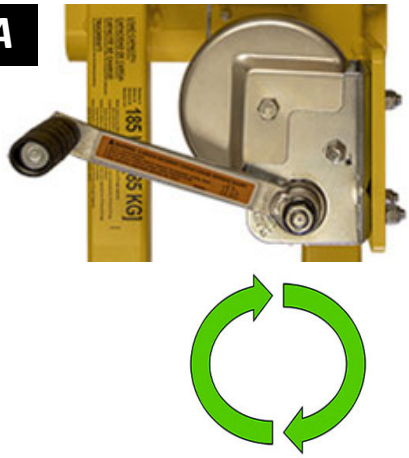
Never allow anyone to scale any ladder equipped with Ladder Lift.

Caution: *Make sure the load is ready for lifting and will not slide or swing once tension is applied to the rope. Make sure the load will not encounter any obstructions on the way up to its installation point.*

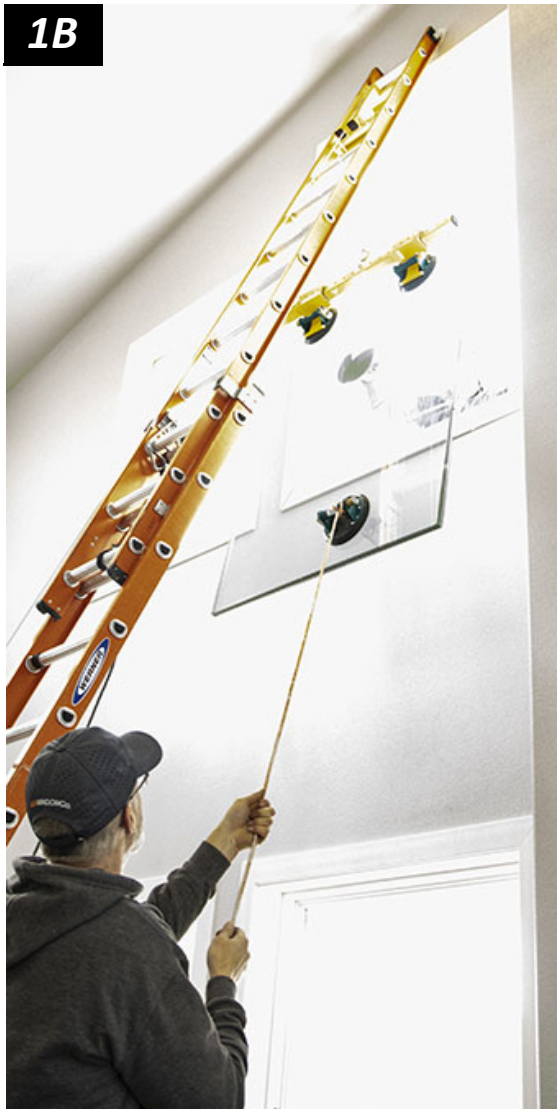
1) Crank the hand winch clockwise (fig. 1A) as needed to remove slack in the wire rope, making sure the rope does not become tangled. Then continue cranking until the winch gradually lifts the load ; you should hear "clicks" that indicate the automatic brake is properly engaged.[1]

   Caution: *If necessary, use a guide rope (fig. 1B) or other appropriate means to prevent the load from rotating.*

1A



1B



1..... The hand winch requires a minimum load of 50 lbs [23 kg] for the automatic braking feature to work correctly (see "WINCH MANUFACTURER'S INFORMATION").

2) When the load is only a few inches off the ground, stop cranking the winch and verify that the brake will hold the load in place.

Never leave suspended load unattended.

3) Resume cranking the winch until the load has reached the desired height, making sure not to exceed the Maximum Lift Height (see "SPECIFICATIONS" on page 3).

Caution: *Avoid cranking the winch too aggressively, which could result in shaking the Ladder Lift.*

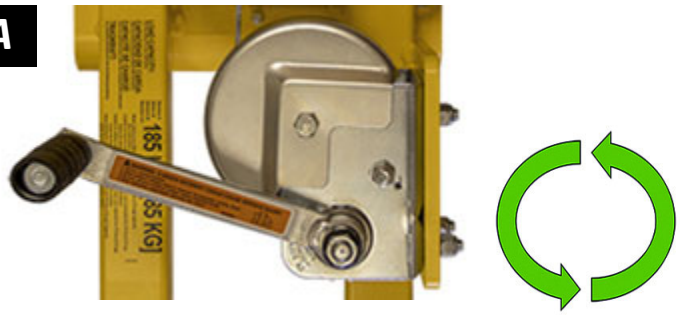
Caution: *If cranking the hand winch becomes significantly more difficult at any time during the lift, discontinue cranking. Forcing the winch could result in injury or damage to the Ladder Lift or the load. Identify the source of the resistance and resolve it before continuing.*

Never force winch to overcome obstacles or snagged rope.

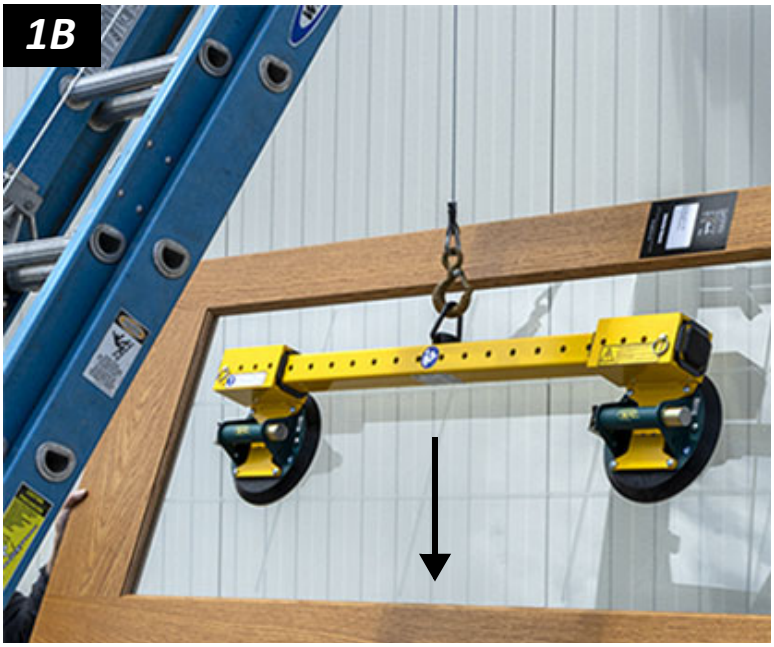
To Lower a Load

Follow the same safety guidelines as when raising a load (see "To Lift a Load"), and crank the hand winch counterclockwise (fig. 1A) until the load rests securely on the ground (fig. 1B) or a stable support. ***Make sure to lower an unloaded lifting hook the same way.***

1A



1B



AFTER USING THE LADDER LIFT

1) If there is a load attached to the Ladder Lift, remove the load.
2) Move the ladder away from the wall.[1] Then set the ladder on the ground.
   Note: Make sure the pulley unit and winch unit face upward when the ladder is set on the ground.
3) Remove the cotterless hitch pins from the rung supports.
4) Remove the units from the ladder.
5) Reinstall the pins in the rung supports.
6) Secure the lifting hook (see step 4.5 in "ASSEMBLY").
7) Retract the wire rope until the pulley and winch units contact each other, making sure the rope avoids contact with the ground.

Storing the Ladder Lift

Store the Ladder Lift in a clean, dry location. If necessary, cover it to prevent contamination, corrosion or deterioration of the wire rope.

1..... For extension ladders, it is acceptable to use the Ladder Lift's pulley system to retract the extension beforehand.

INSPECTION SCHEDULE

Perform inspections according to the following frequency schedule. If any fault is found, correct it and perform the next most frequent inspection before using the Ladder Lift.

Note: If a Ladder Lift is used less than 1 day in a 2-week period, perform the Periodic Inspection before using it.

Action	Every Lift	Daily	Frequent[1] (every 20-40 hrs)	Periodic[2] (every 250-400 hrs)
Examine wire rope, pulley and hand winch for damage, rust or debris.[3]	✓	✓	✓	✓
Examine ladder and weldments of winch unit and pulley unit for visual damage.[4]	✓	✓	✓	✓
Check for unusual vibrations, noises or winch resistance during use.	✓	✓	✓	✓
Inspect wire rope as directed in "Daily Inspection".		✓	✓	✓
Examine hand winch for conditions requiring service (see "WINCH MANUFACTURER'S INFORMATION").			✓	✓
Examine entire Ladder Lift for evidence of: • looseness, excessive wear or excessive corrosion • deformation, cracks, dents to structural or functional components • any other hazardous conditions				✓

1..... The Frequent Inspection is also required whenever the Ladder Lift has been out of service for 1 month or more.

2..... The Periodic Inspection is also required whenever the Ladder Lift has been out of service for 1 year or more. Keep a written record of all Periodic Inspections. If necessary, return the Ladder Lift to WPG or an authorized dealer for repair (see "LIMITED WARRANTY").

3..... See "WIRE ROPE MAINTENANCE" for more information.

4..... Additionally, see the ladder manufacturer's instructions about inspecting the ladder and evaluating possible damage.

TESTING

Perform the following tests before placing the Ladder Lift in service *initially, following any repair,* when directed in the *"INSPECTION SCHEDULE",* or *whenever necessary*:

Operational Tests

Test all features and functions of the Ladder Lift (see "OPERATING FEATURES" and "OPERATION").

Load Test[1]

Confirm that the Ladder Lift can lift at least 100% of its Maximum Load Capacity:[2]

1) Place a test load with appropriate "LOAD CHARACTERISTICS" on a stable support.
2) Attach the load to the Ladder Lift as previously directed.
3) Raise the load to a minimal distance as previously directed.

Take precautions in case load should fall during test.

4) Release the handle of the hand winch, to make sure the load is supported by the Ladder Lift.
5) Lower the load a minimal distance. Then repeat step 4.
6) Allow the Ladder Lift to hold the load for 5 minutes. The load must not slip or fall during this time period. If it does, perform a Periodic Inspection of the Ladder Lift. Make sure to inspect the winch as indicated under "WINCH MANUFACTURER'S INFORMATION". Correct any deficiency that is found and retest the Ladder Lift.

Never use Ladder Lift that has failed test.

7) Prepare a written report of the test and keep it on file.

1..... An equivalent simulation may also be used. Contact WPG for more information.

2..... ASME Standard B30.6 requires the Ladder Lift to be tested to not less than 100% and not more than 110% of its Maximum Load Capacity.

WIRE ROPE MAINTENANCE

Correct Use and Care

Lubricate the wire rope on a regular basis, to reduce internal friction and prevent corrosion.

When the rope is in use, prevent the ground or other objects from scraping, nicking, crushing or inducing sharp bends in the rope. The rope should never be dragged, especially through dirt, mud or water.

Daily Inspection

Examine the *portion of wire rope used in daily service* and replace the rope immediately upon finding any of the following forms of obvious visual damage:

- Kinking, crushing, unstranding, birdcaging, or core protrusion
- Rust or other corrosion
- Displacement of the main strand, or cuts or breaks in any strand

If there is concern that the rope could be too worn or unsafe for any reason, a more thorough Periodic Inspection should be performed.

Periodic Inspection

The *entire length of wire rope* (including lifting hook, thimble and wire clamp) must be inspected by a qualified person.[1] This person must note any wear indicating a loss in strength, and judge whether further use of the rope constitutes a hazard. Such wear may include, but is not limited to. ...

- Damage outlined in the Daily Inspection.
- Reduction of rope diameter below nominal (5/32" [4 mm]) from loss of core support, internal or external corrosion, or wear of the outside wires.
- Severely corroded or broken wires at the end connections.
- Severely corroded, cracked, bent, worn or improperly applied end connections.

1..... A "qualified person" has successfully demonstrated the ability to solve problems relating to the subject matter and work, either by possessing a recognized degree in an applicable field or a certificate of professional standing, or by possessing extensive knowledge, training and experience. The qualified person must keep a written of the Periodic Inspection.

If a wire rope exhibits any of the following criteria, it should be removed from service and replaced with another suitably rated rope:

- Broken or cut strands/wires
- Wear of 1/3 the original diameter of the outside individual wires
- Kinking, crushing, birdcaging, main strand displacement or core protrusion
- Evidence of heat damage from any cause
- Reduction from nominal diameter 5/32" [4 mm] of more than 1/64" [0.4 mm]

Winch Maintenance

See "WINCH MANUFACTURER'S INFORMATION" about hand winch maintenance.

Pulley Maintenance

Keep the pulley lubricated. If at any time the pulley becomes cracked, chipped, dented or otherwise damaged, replace it immediately. Operating with a damaged pulley puts it at risk of failing, causing a jam that cannot be cleared or damaging the wire rope.

Ladder Maintenance

Refer to the ladder manufacturer's instructions about ladder maintenance.

REPLACEMENT PARTS

Stock No.	Description	Qty.
66472MM	Hand Winch w/Automatic Brake – 800 lbs [362 kg] Capacity	1
66413	Nylon Sheave w/Hub for 5/32" Wire Rope – 800 lbs [362 kg] Capacity	1
59660AM	5/32" Wire Rope Assembly	1
49110	End Plug – 2" x 2" x 3/16" Tubing Size	8
13520	Cotterless Hitch Pin – 3/8" x 3"	4
13220	Hairpin Cotter Pin	1

See "WINCH MANUFACTURER'S INFORMATION" for specific hand winch parts.

SERVICE ONLY WITH IDENTICAL REPLACEMENT PARTS
AVAILABLE AT WPG.COM OR THROUGH AN AUTHORIZED WPG DEALER

LIMITED WARRANTY

Wood's Powr-Grip® (WPG) products are carefully constructed, thoroughly inspected at various stages of production, and individually tested. They are warranted to be free from defects in workmanship and materials for a period of one year from the date of purchase.

If a problem develops during the warranty period, follow the instructions below to obtain warranty service. If inspection shows that the problem is due to defective workmanship or materials, WPG will repair the product without charge.

Warranty does not apply when ...

- modifications have been made to the product after leaving the factory
- rubber portions have been cut or scratched during use;
- repairs are required due to abnormal wear and tear, and/or;
- the product has been damaged, misused or neglected.

If a problem is not covered under warranty, WPG will notify the customer of costs prior to repair. If the customer agrees to pay all repair costs and to receive the repaired product on a C.O.D. basis, then WPG will proceed with repairs.

To Obtain Repairs or Warranty Service

For purchases in *North America*:

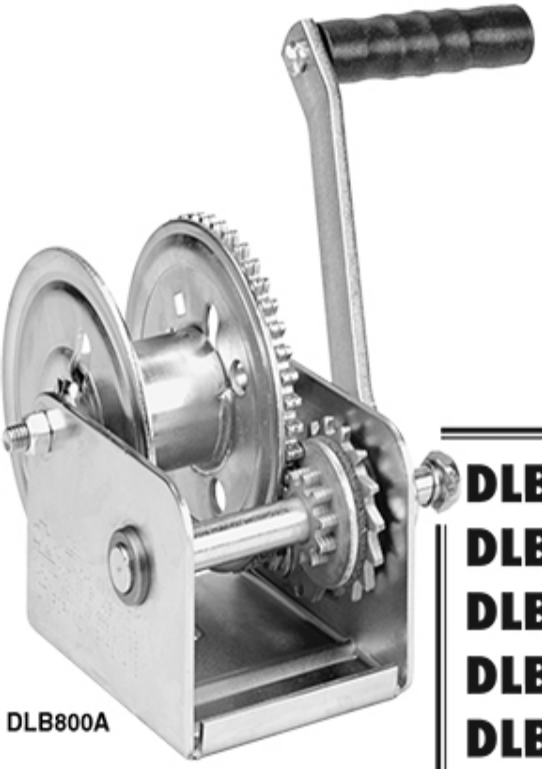
Contact the WPG Technical Service Department. When factory service is required, ship the complete product – prepaid – along with your name, address and phone number to the street address listed at the bottom of this page. WPG may be reached by phone or fax numbers listed below.

For purchases in all *other localities*:

Contact your dealer or the WPG Technical Service Department for assistance. WPG may be reached by phone or fax numbers listed below.

Wood's Powr-Grip Co., Inc.	406-628-8231 (phone)
908 West Main St.	800-548-7341 (phone)
Laurel, MT 59044 USA	406-628-8354 (fax)

BRAKE WINCHES



DLB800A

DLB350A
DLB350AG
DLB800A
DLB800AG
DLB1200A
DLB1200AG
DLB1500A
DLB1500AG
DLB2000AG
DLB2500A

MANUFACTURED BY

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Dwg. No. 206306EE 6/20

Original Instructions ENGLISH

⚠ WARNING READ INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL, OPERATE OR SERVICE THIS WINCH. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN SERIOUS OR FATAL INJURY. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

⚠ IMPORTANT SAFETY INFORMATION

- This brake winch is built for multi-purpose hauling and lifting operations. It is not to be used as a hoist for lifting, supporting or transporting people, or for loads over areas where people could be present.
- Respect this winch. High forces are created when using a winch, creating potential safety hazards. It should be operated and maintained in accordance with instructions. Never allow children or anyone who is not familiar with the operation of the winch to use it. A winch accident could result in personal injury.
- Check winch for proper operation on each use. Do not use if damaged. Seek immediate repairs.
- Never exceed rated capacity. Excess load may cause premature failure and could result in serious personal injury. This winch is rated on first layer of cable on the hub. Using more layers of cable increases the load on the winch.
- Never apply load on winch with cable fully extended. Keep at least three full turns of cable on the reel. Check cable on every use. Replace at the first sign of kinks, broken wires, deformation or any other damage.
- Secure load properly. When winching operation is complete, do not depend on winch to support load.
- Operate with hand power only. This winch must not be operated with a motor of any kind. If the winch cannot be cranked easily with one hand, it is probably over-loaded.
- If winch will be used in freezing, icy conditions, apply silicone spray to ratchet pawl and spacer items, V, W, X, or Y. Do not spray other brake mechanism parts.

ASSEMBLY – Thread the handle onto the winch drive shaft and be certain that a clicking noise is produced when the handle is turned clockwise. Install the spring and locknut (Items E and G) on the end of the drive shaft as shown on parts drawing. These parts may appear to serve no function, but they provide several important fail-safe features, and must not be altered or removed.

WINCH MOUNTING AND CABLE ATTACHMENT – For maximum strength and safety, this winch must be mounted with three 3/8" bolts (M10), washers and lock washers. Use Grade 8 for 1500 lb/680 kg or greater capacity. (See parts drawing). Using fewer bolts or alternate locations will result in damage to the winch base and the winch may malfunction.

Attach cable or rope by method shown in sketch.

OPERATING INSTRUCTIONS – Wind cable on winch reel by turning winch handle in clockwise direction. This should produce a loud, sharp, clicking noise. The load will remain in position when the handle is released. Wind cable off the winch reel by turning winch handle counterclockwise (no noise will be produced). The load will remain in position when the handle is released, but for extra security it is recommended that the handle be turned clockwise until at least two clicks are heard. This will add extra tightness to the brake mechanism. Always satisfy yourself that the winch is holding the load before releasing the winch handle.

⚠ IMPORTANT: Sufficient load must be applied to the cable to overcome internal resistance and operate the brake properly, otherwise turning the crank handle counterclockwise will only remove the handle from the shaft – the reel will not turn. The minimum operating load requirement is 50 lb (23 kg) for Models DLB350A, DLB350AG, DLB800A, DLB800AG, DLB1200A and DLB1200AG, 75 lb (34 kg) for DLB1500A and DLB1500AG, 175 lb (80 kg) for DLB2000AG and DLB2500A.

A lockout lever for the purpose of 'freewheeling' cable out when there is no load on the winch can be added to all DLB winches except the 350 lb (160 kg) models. To 'freewheel' cable out, simply turn the handle counterclockwise until lockout lever can be engaged behind handle hub. In this condition cable can be easily pulled from the winch drum.

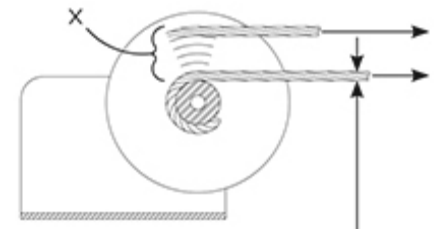
⚠ WARNING: Never put winch in freewheel mode if any potential for a load on the cable exists. Engaging the lockout lever keeps the winch from stopping in the event that a load is accidentally applied.

WINCH MAINTENANCE – In order to insure maximum performance, a periodic inspection for any necessary preventive maintenance must be made. Check at least once annually and more frequently when the winch is exposed to an environment which is particularly dirty or wet. For continued smooth performance and increased life, occasionally grease gears, reel shaft and handle threads. An occasional drop of oil on the drive shaft bearings is also recommended. If winch will be used in freezing, icy conditions, apply silicone spray to ratchet pawl and spacer items V, W, X or Y. **Note: Do not oil or grease brake mechanism items H and J.**

Keep winch in good working order. Damaged or severely-worn parts create unnecessary dangers and could result in personal injury or property damage.

NOT FOR THE MOVEMENT OF HUMAN BEINGS

WINCH MANUFACTURER'S INFORMATION



	X	
DLB350A, DLB350AG	10 1	110 lb/50kg 350 lb/159kg
DLB800A, DLB800AG	9 1	330 lb/150kg 800 lb/363kg
DLB1200A, DLB1200AG	8 1	551 lb/250kg 1200 lb/544kg
DLB1500A, DLB1500AG	6 1	728 lb/330kg 1500 lb/680kg
DLB2000AG	5 1	959 lb/435kg 2000 lb/905kg
DLB2500A	5 1	1308 lb/593kg 2500 lb/1134kg

DLB350A DLB350AG	3.2:1
DLB800A DLB800AG	4.4:1
DLB1200A DLB1200AG	5.4:1
DLB1500A DLB1500AG	5.4:1
DLB2000AG DLB2500A	17.3:1

CE

DLB350A	1/8" (2000 lb) x 84'
DLB350AG	3mm (480kg) x 24.9m
DLB800A	3/16" (4200 lb) x 68'
DLB800AG	4mm (1080kg) x 23.0m
DLB1200A	7/32" (5600 lb) x 69'
DLB1200AG	5mm (1640kg) x 19.7m
DLB1500A	1/4" (7000 lb) x 60'
DLB1500AG	6mm (2040kg) x 15.1m
DLB2000AG	7mm (2720kg) x 8.9m
DLB2500A	5/16" (9800 lb) x 34'

ENGLISH – DECLARATION OF CONFORMITY - Dutton-Lainson Company, Hastings, NE 68902-0729 U.S.A. manufactures and declares that the winch identified above fulfills all relevant provisions of the Directive 2006/42/EC. 'G' models also conform to harmonized standards EN 13157 and EN ISO 12100. The technical file may be obtained from the persons listed below.

DEUTSCH – KONFORMITÄTSERKLÄRUNG - Dutton-Lainson Company, Hastings, NE 68902-0729, USA, der Hersteller der Winde, erklärt, dass die oben angegebene Winde alle relevanten Bestimmungen der Richtlinie 2006/42/EG erfüllt. Die „G"-Modelle entsprechen außerdem den harmonisierten Normen EN 13157 und EN ISO 12100. Die technischen Unterlagen sind bei den nachfolgend aufgeführten Personen erhältlich.

ITALIANO – DICHIARAZIONE DI CONFORMITÀ - Il fabbricante, Dutton-Lainson Company, Hastings, NE 68902-0729 USA, dichiara che il verricello di cui sopra è conforme alle disposizioni della direttiva 2006/42/CE e che i modelli 'G' sono inoltre conformi alle norme armonizzate EN 13157 e EN ISO 12100. Il fascicolo tecnico può essere richiesto agli individui indicati qui di seguito.

NORSK – SAMSVARSERKLÆRING - Dutton-Lainson Company, Hastings, NE 68902-0729 U.S.A. produserer og erklærer at vinsjen angitt ovenfor oppfyller alle relevante krav i direktivet 2006/42/EC. "G"-modellene samsvarer også med de harmoniserte standardene EN 13157 og EN ISO 12100. Den tekniske filen kan skaffes fra personene som er opplistet nedenfor.

PORTUGUÊS – DECLARAÇÃO DE CONFORMIDADE - A empresa Dutton-Lainson Company, Hastings, NE 68902-0729, nos E.U.A., fabrica o guincho acima identificado e declara que este cumpre todas as provisões relevantes da Directiva 2006/42/CE. Os modelos "G" cumprem também as normas harmonizadas EN 13157 e EN ISO 12100. Poderá obter o processo técnico junto das pessoas indicadas abaixo.

ESPAÑOL – DECLARACION DE HOMOLOGACION - Dutton-Lainson Company, de Hastings, NE 68902-0729 EE.UU., fabrica y declara que el cabrestante arriba identificado satisface todas las provisiones pertinentes de la directriz 2006/42/EC. Los modelos 'G' también satisfacen las normas armonizadas EN 13157 y EN ISO 12100. El archivo técnico puede obtenerse de las personas mencionadas a continuación.

SVENSKA – FÖRSÄKRAN OM ÖVERENSSTÄMMELSE - Dutton-Lainson Company, Hastings, Nebraska 68902-0729 U.S.A, tillverkar och försäkrar att denna vinsch överensstämmer med alla tillämpliga bestämmelser i Direktiv 2006/42/EC. 'G'-modeller är också förenliga med samordnade normer EN 13157 och EN ISO 12100. Den tekniska filen kan erhållas från de personer, som upptas nedan.

ΕΛΛΗΝΙΚΑ – ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ - Η Dutton-Lainson Company, Hastings, NE 68902-0729 U.S.A. κατασκευάζει και δηλώνει ότι το βαρούλκο που καθορίζεται παραπάνω πληροί όλες τις σχετικές διατάξεις της Οδηγίας 2006/42/ΕΚ. Τα μοντέλα 'G' επίσης συμμορφώνονται με τα εναρμονισμένα πρότυπα EN 13157 και EN ISO 12100. Ο τεχνικός φάκελος είναι διαθέσιμος από τα άτομα τα οποία αναγράφονται παρακάτω.

DANSK – OVERENSSTEMMELSESERKLÆRING - Dutton-Lainson Company, Hastings, NE 68902-0729 USA fremstiller og erklærer, at skraldespillet identificeret ovenfor er i overensstemmelse med alle relevante krav i direktiv 2006/42/EU. "G" modeller er ligeledes i overensstemmelse med de harmoniserede standarder EN 13157 og EN ISO 12100. Den tekniske fil kan rekvireres gennem de nedennævnte personer.

SUOMI – VAATIMUSTENMUKAISUUSVAKUUTUS - Dutton-Lainson Company, osoite Hastings, NE 68902-0729 U.S.A, vakuuttaa tämän vintturin valmistajana, että tämä vintturi noudattaa direktiivin 2006/42/EY olennaisia määräyksiä. G-mallit ovat myös harmonisoitujen standardien EN 13157:n ja EN ISO 12100 mukaisia. Tekniset tiedot on saatavissa alla ilmoitetuilta henkilöiltä.

NEDERLANDS – VERKLARING VAN OVEREENSTEMMING - Dutton-Lainson Company, Hastings, NE 68902-0729 VS, fabrikant, verklaart dat de bovengenoemde lier voldoet aan alle betreffende bepalingen van richtlijn 2006/42/EC. 'G' modellen voldoen ook aan de geharmoniseerde normen EN 13157 en EN ISO 12100. Het technische bestand kan bij de hierna vermelde personen worden aangevraagd.

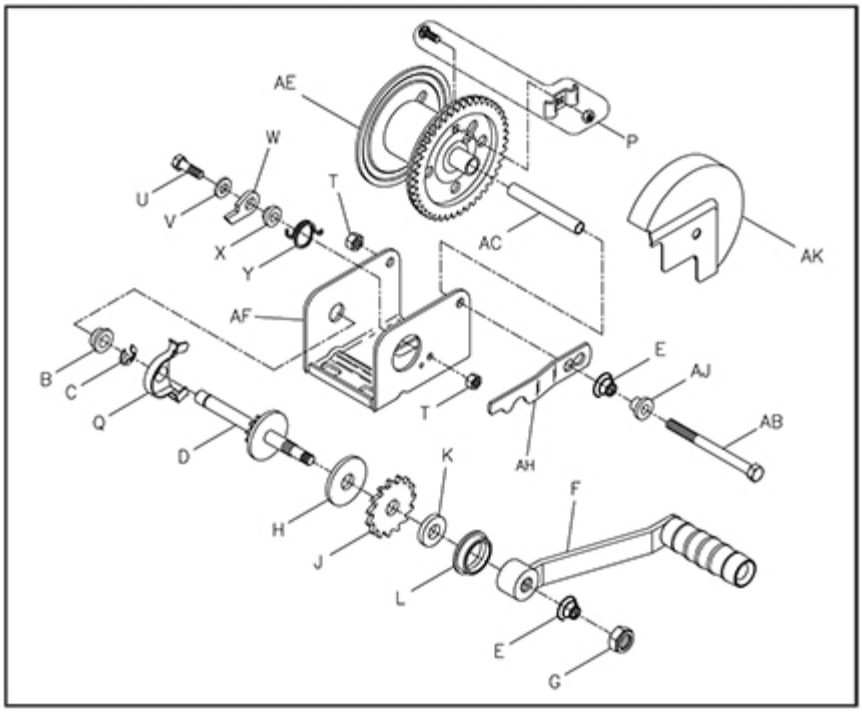
FRANÇAIS – DÉCLARATION DE CONFORMITÉ - Dutton-Lainson Company, Hastings, NE 68902-0729 U.S.A. construit le treuil mentionné ci-dessus et déclare qu'il répond à toutes les dispositions applicables de la Directive 2006/42/CE. Les modèles 'G' sont également conformes aux normes harmonisées EN 13157 et EN ISO 12100. Le dossier technique peut être obtenu auprès des personnes indiquées ci-dessous.

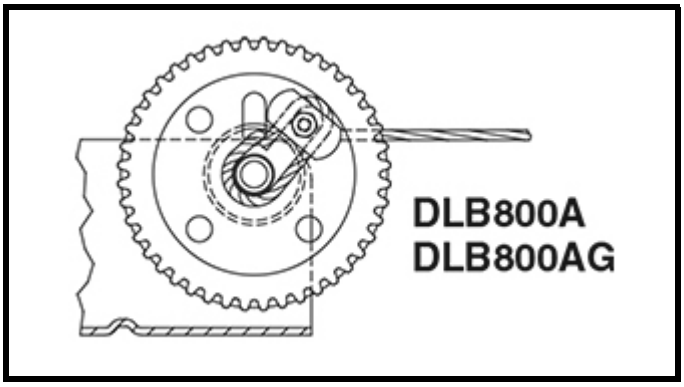
Hastings, NE USA
June 16, 2020

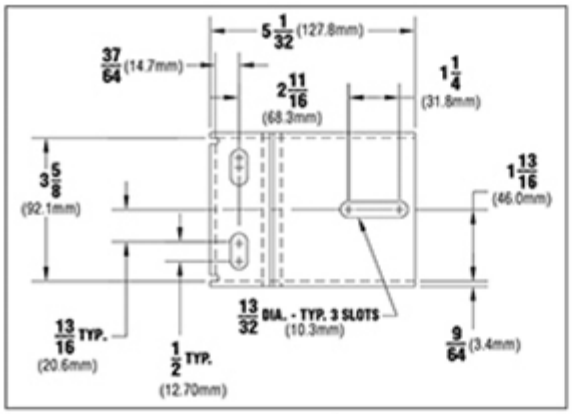
Director of Engineering
Dutton-Lainson Company

Jack Singleton
Eurowarehouse BV
De Amstel 11
8253PC Dronten
The Netherlands

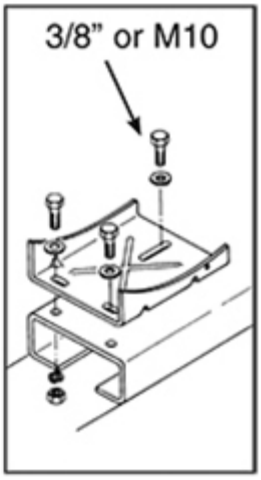
DLB800A & DLB800AG Winch







DLB800A, DLB800AG



PARTS LIST

Ref	Description	Part No.
A	Base	404900*
A	Base – DLB 350AG	404945*
B	Bushing	204012
C	"E" Ring	205116
D	Drive Shaft	306061
E	Spring	204364
F	Handle – 7" (DLB350AG) (DLB800AG)	5703061
	Handle – 9-3/8" (DLB1200AG)	5703103
G	Nut	205033
H	Pressure Plate	204362
H	Pressure Plate "G" Series	206620
J	Ratchet Wheel	404164
K	Pressure Washer	404163
L	Bushing	206328
M	Nut	205316
N	Bolt	205332
P	Rope Clamp Kit	5243506
Q	Gear Cover – "G" Series	406114
S	Reel	306075*
	Reel - DLB350AG	306167
T	Locknut	204803
U	Bolt	205167
V	Flat Washer	205055
W	Pawl	404409
	Pawl – "G" Series	404190
X	Spacer	404166
	Spacer – "G" Series	404191
Y	Spring	204363
	Spring – "G" Series	204460
Z	Reel Spacer	207183
AB	Bolt	203161
AC	Reel Spacer	204807
AE	Reel	306062*
AF	Base	404893*
	Base – DLB 800AG	404895*

Ref	Description	Part No.
AH	Lockout Lever (optional)	404579
AJ	Spacer (optional)	406160
AK	Gear Cover (optional)	
	Painted Bronze	5240346
	Plated	5240361
AL	Base	404896*
	Base – DLB 1200AG	404897*
AM	Bushing	204009
AN	Gear Cover – "G" Series	406115
AQ	Gear Cover (optional)	
	Painted Bronze	5240122
	Plated	5240221
AR	Spacer Washer	205120
AS	Reel (DLB1200AG)	304754*
AS	Reel – 1-7/8" (optional)	304768*
AT	Base	404891*
	Base – DLB 1500AG	404892*
AU	Drive Shaft	304760
AV	Handle – 9-3/8" (DLB2000AG)	5703103
	Handle – 12" (DLB1500AG)	5703111
AW	Bolt	204804
AX	Reel Spacer	204808
AY	Gear Cover (optional)	
	Painted Bronze	5240387
	Plated	5240403
AZ	Reel	304755*
BA	Base – DLB2500A	406047*
	Base – DLB 2000AG	404899*
BB	Spacer	404434
BC	Bolt	205006
BD	Flat Washer	205139
BE	Intermed. Drive Shaft	306035
BF	Nut	205014
BH	Reel	304756*
BJ	Drive Hub (Optional)	304562
BM	Handle w/Lock Pin (Opt)	5703426
BN	Handle Hub (Optional)	304630
BP	Special Nut (Optional)	404970
BQ	"E" Ring	206162
BR	Bushing	206163
BS	Bolt	205335

*Specify Color When Ordering

To order replacement parts contact:

Dutton-Lainson Company
www.dlco.com
Tel: 800-569-6577
Fax: 402-460-4612
e-mail: DLsales@dutton-lainson.com

In Europe Contact
Eurowarehouse BV
De Amstel 11
8253PC Dronten
The Netherlands
Tel: +31(0) 321-337349
Email:
info@eurowarehouse.nl

WINCH MANUFACTURER'S INFORMATION

WARNING Component parts should not be interchanged with the component parts of any other Dutton-Lainson model or other manufacturer's winches.

ACHTUNG: Die Komponenten dürfen nicht gegen andere Komponenten anderer Modelle der Dutton-Lainson Company oder der Winden anderer Hersteller ausgetauscht werden.

ATTENZIONE: Questi componenti non devono essere utilizzati in modo intercambiabile con i componenti di qualsiasi altro modello della Dutton-Lainson Company o con i verricelli di un altro fabbricante.

ADVARSEL: Disse komponentdelene skal ikke byttes om med komponentdeler for noen annen vinsj verken fra Dutton-Lainson Company eller noen annen produsent.

ADVERTENCIA: No se debe intercambiar estas piezas con las de algún otro modelo de cabrestante de la Dutton-Lainson Company o de otro fabricante.

VARNING: Byt inte ut komponentdelarna mot komponentdelar från andra vinschar tillverkade av Dutton-Lainson Company eller från andra tillverkares vinschar (eller tvärtom).

ΠΡΟΕΙΔΟΠΟΙΗΣΗ Αυτά τα συνθετικά μέρη να μην αντικατασταθούν με συνθετικά μέρη άλλου μοντέλου της εταιρίας Δυττον-Λαινσον ή βαρούλκα άλλου εργοστασίου.

ADVARSEL: Disse komponentdele må ikke blive udskiftet med komponentdele, der hører til andre modeller fra Dutton-Lainson Company eller til spil af andre fabrikater.

VAROITUS: Tämän mallin ja muiden Dutton-Lainson Companyn tai muiden valmistajien vintturien osia ei saa vaihtaa keskenään.

WAARSCHUWING: Deze onderdelen mogen niet verwisseld worden met de onderdelen van andere liermodellen van Dutton-Lainson Company of van lieren van andere fabrikanten.

MISE EN GARDE: Ces composants ne doivent pas être utilisés de manière interchangeable avec les composants d'aucun autre modèle de Dutton-Lainson Company ou avec les treuils d'un autre fabricant.

ADVERTÊNCIA: Esses componentes não devem ser intercambiados com componentes de nenhum outro modelo da Dutton-Lainson Company nem de guinchos de outros fabricantes.

ENGLISH-To obtain a copy of the warranty in English, send a self-addressed envelope to: Dutton-Lainson Company; P.O. Box 729; Hastings NE 68902-0729; U.S.A.

DEUTSCH-Wenn Sie eine deutsche Kopie der Garantibestimmungen erhalten möchten, senden Sie bitte einen adressierten Rückumschlag an: Dutton-Lainson Company; P.O.Box 729; Hastings NE 68902-0729; USA

ITALIANO-Per ricevere una copia della garanzia in italiano, inviare una busta riportante il proprio indirizzo a: Dutton-Lainson Company, P.O. Box 729, Hastings NE 68902-0729 USA.

NORSK-En kopi av denne garantien på norsk fås ved å sende en konvolutt med eget navn og adresse, til Dutton-Lainson Company, P.O. Box 729, Hastings NE 68902-0729, USA

PORTUGUÊS-Para obter uma cópia da garantia em português, envie um envelope com a sua morada para: Dutton-Lainson; P. O. Box 729; Hastings NE 68902-0729; E.U.A.

ESPAÑOL-Para obtener una copia de la garantía en español, envíe un sobre con su dirección impresa a: Dutton-Lainson Company, P.O. Box 729; Hastings NE 68902-0729 EE.UU.

SVENSKA-För att erhålla ett exemplar av garantin på svenska skicka ett adresserat kuvert till: Dutton-Lainson Company, P.O.Box 729, Hastings NE 68902-0729 U.S.A.

ΕΛΛΗΝΙΚΑ-Για να λάβετε ένα αντίγραφο της εγγύησης στα Ελληνικά, στείλτε ένα φάκελο εσωκλείοντας τα ταχυδρομικά τέλη αποστολής στην εξής διεύθυνση: Dutton-Lainson Company, P.O.Box 729, Hastings NE 68902-0729 U.S.A..

DANSK-Man kan få garantibeviset på dansk ved at sende en svarkuvert til: Dutton-Lainson Company, P.O. Box 729, Hastings NE 68902-0729, USA.

SUOMI-Takuutodistuksesta saa suomenkielisen kopion lähettämällä riittävällä postimaksulla ja vastaanottajan osoitteella varustetun kirjekuoren osoitteeseen Dutton-Lainson Company, P.O. Box 729, Hastings NE 68902-0729, USA.

NEDERLANDS-Voor een exemplaar van de garantie in het Nederlands dient u een aan u zelf geadresseerde enveloppe te zenden naar: Dutton-Lainson Company; P.O. Box 729; Hastings NE 68902-0729; U.S.A.

FRANÇAIS-Pour obtenir une copie de la garantie en français, envoyer une enveloppe à votre nom et adresse à : Dutton-Lainson Company; P.O. Box 729; Hastings NE 68902-0729; U.S.A.