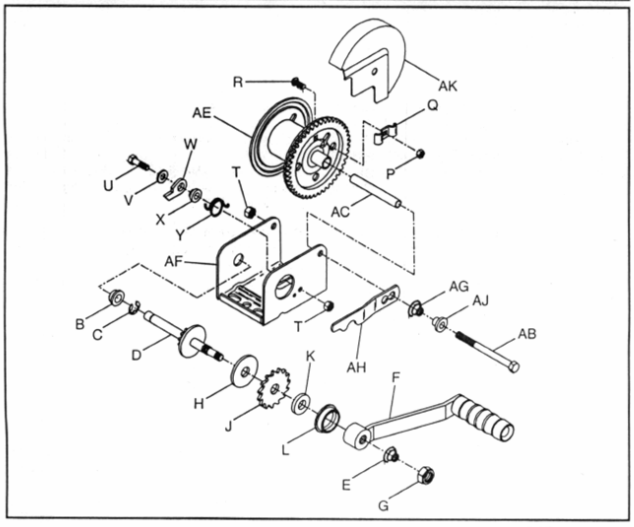
DLB800A & DLB800AG Winch



WINCH INSTRUCTION PAGE

PARTS LIST

Ref	Description	Part No.
A	Base	404900
A	Base – DLB 350AG	404945
B	Bushing	204012
C	"E" Ring	205116
D	Drive Shaft	304758
E	Spring	204364
F	Handle	304231
	Handle – DLB 1200AG	304232
G	Nut	205015
H	Pressure Plate	204362
J	Ratchet Wheel	404164
K	Pressure Washer	404163
L	Bushing	206328
M	Nut	205316
N	Bolt	205332
P	Nut	206225
Q	Rope Clamp	404043
R	Carriage Bolt	205017
R	Carriage Bolt – 3/4" Lg.	205215
S	Reel	304790
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	304753

Ref	Description	Part No.
AF	Base	404893
	Base – DLB 800AG	404895
AG	Spring (optional)	204364
AH	Lockout Lever (optional)	404579
AJ	Spacer (optional)	404166
AK	Gear Cover (optional)	404271
AL	Base	404896
	Base – DLB 1200AG	404897
AM	Bushing	204009
AN	Drive Shaft	304759
AP	Screw (optional)	205189
AQ	Gear Cover (optional)	404044
AR	Spacer Washer	204360
AS	Reel	304754
AS	Reel – 1-7/8" (optional)	304768
AT	Base	404891
	Base – DLB 1500AG	404892
AU	Drive Shaft	304760
AV	Handle	304232
	Handle – DLB 1500AG	304265
AX	Reel Spacer	204808
AY	Gear Cover (optional)	404272
AZ	Reel	304755
BA	Base	404898
	Base – DLB 2000AG	404899
BB	Spacer	404434
BC	Bolt	205006
BD	Spacer	404911
BE	Intermed. Drive Shaft	304761
BF	Nut	205014
BG	Bolt	204804
BH	Reel	304756
BJ	Drive Hub (Optional)	304562
BK	Hex Nut (Optional)	404485
BL	Handle Brk. Assy (Opt)	304795
BM	Handle (Optional)	304638
BN	Handle Hub (Optional)	304630
BP	Slotted Nut (Optional)	404970

⚠ 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.
- Secure load properly. When winching operation is complete, do not depend on winch to support load.
- Operate with hand power only. This winch should not be operated with a motor of any kind. If the winch cannot be cranked easily with one hand, it is probably over-loaded.

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 should not be altered or removed.

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 DLB2000A and DLB2000AG.

Models DLB805A, DLB1205A, & DLB1505A, are equipped with a lockout lever for the purpose of 'freewheeling' cable out when there is no load on the winch. 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 should 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. **NOTE: Do not oil or grease brake mechanism.**

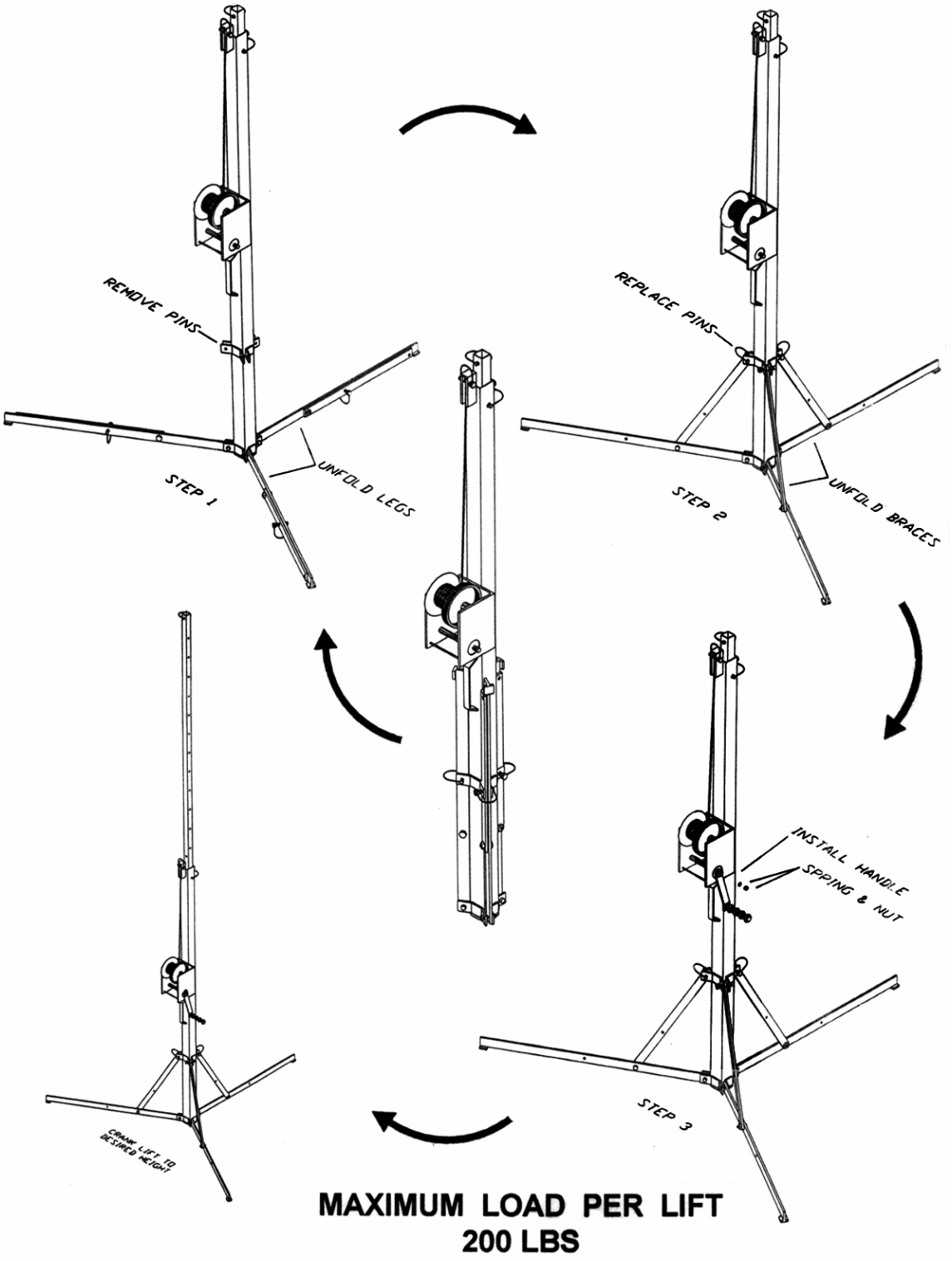
Keep winch in good working order. Damaged or severely-worn parts create unnecessary dangers and could result in personal injury or property damage.

WINCH MOUNTING AND CABLE ATTACHMENT – For maximum strength and safety, this winch should be mounted with three ⅜" bolts (M10), washers and lock washers. (See parts drawing). Using fewer bolts or alternate locations will result in damage to the winch base and the winch may malfunction.

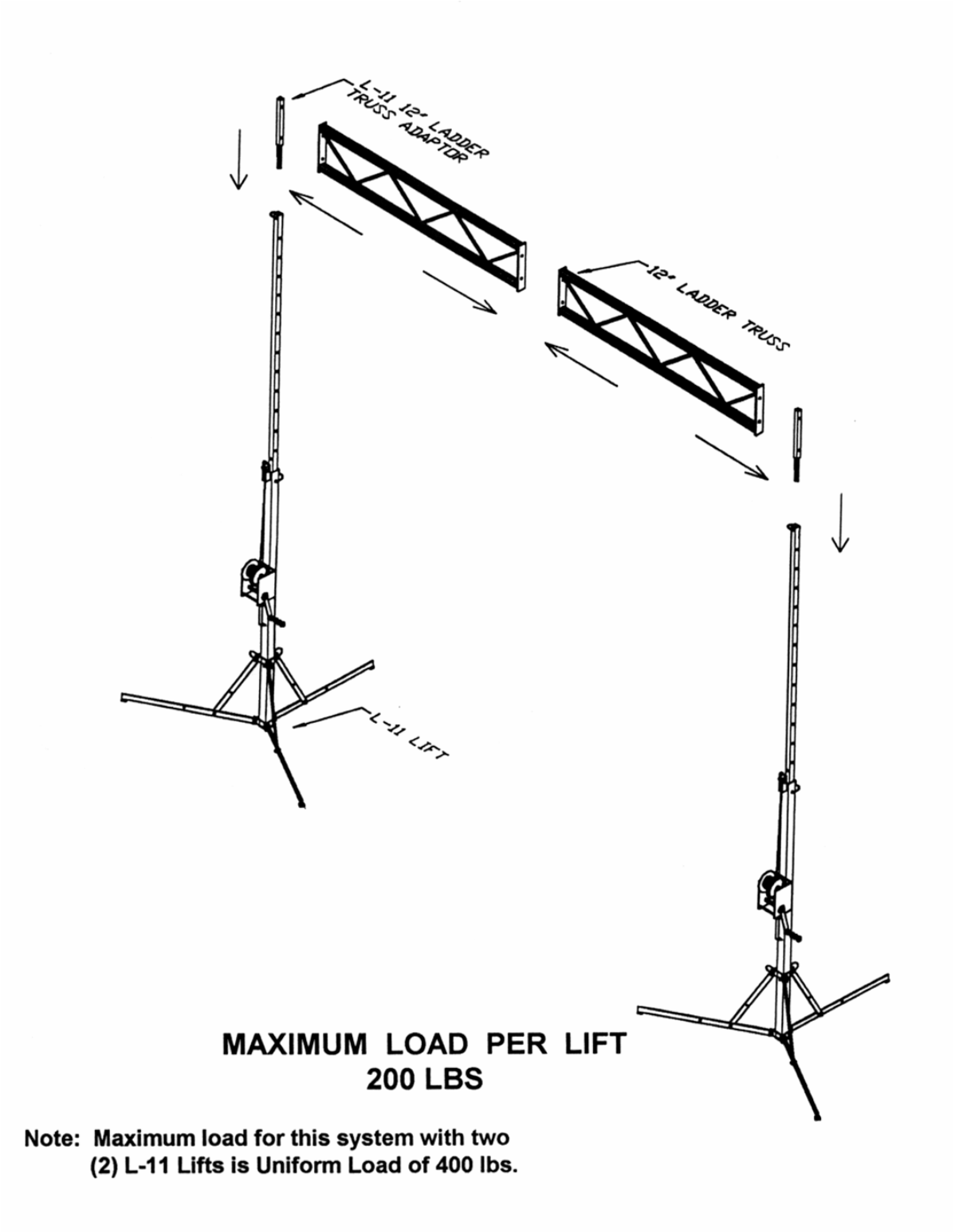
Attach cable or rope by either method shown in sketch.

NOT FOR THE MOVEMENT OF HUMAN BEINGS

APPLIED ELECTRONICS L-11 CRANK-UP LIFT



MAXIMUM LOAD PER LIFT
200 LBS



MAXIMUM LOAD PER LIFT
200 LBS

Note: Maximum load for this system with two (2) L-11 Lifts is Uniform Load of 400 lbs.

SPECIFICATIONS

- Two Section 11 ft. Crank-Up Lift
- 200 lb. Load Maximum at 6' Through 11'
- 6' Loading Height
- 11' Maximum Lift Height
- 72" Base Diameter For Stability
- 6' Collapsed Length
- 9.5" Collapsed Diameter
- 48 lbs. Total Weight
- 3/16" Steel Cable

FIELD REPLACEMENT PARTS

PART NUMBER	DESCRIPTION
91-504	Winch, DLB 800A
91-503	Cable, 3/16"
91-302	1-1/2” x 3/8” Leg Pin
91-303	2-1/2” x 3/8” Mast Pin