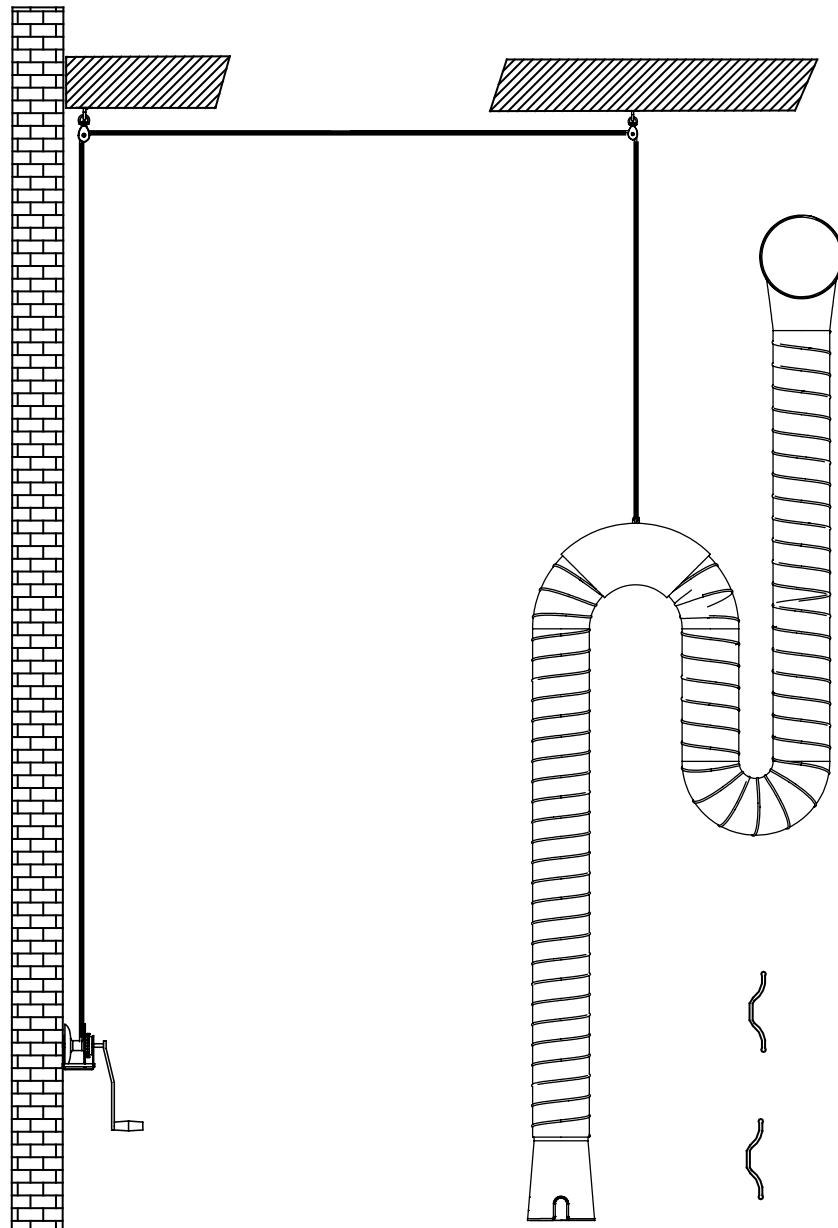


# MONOXIVENT<sup>®</sup>

Source Capture Systems

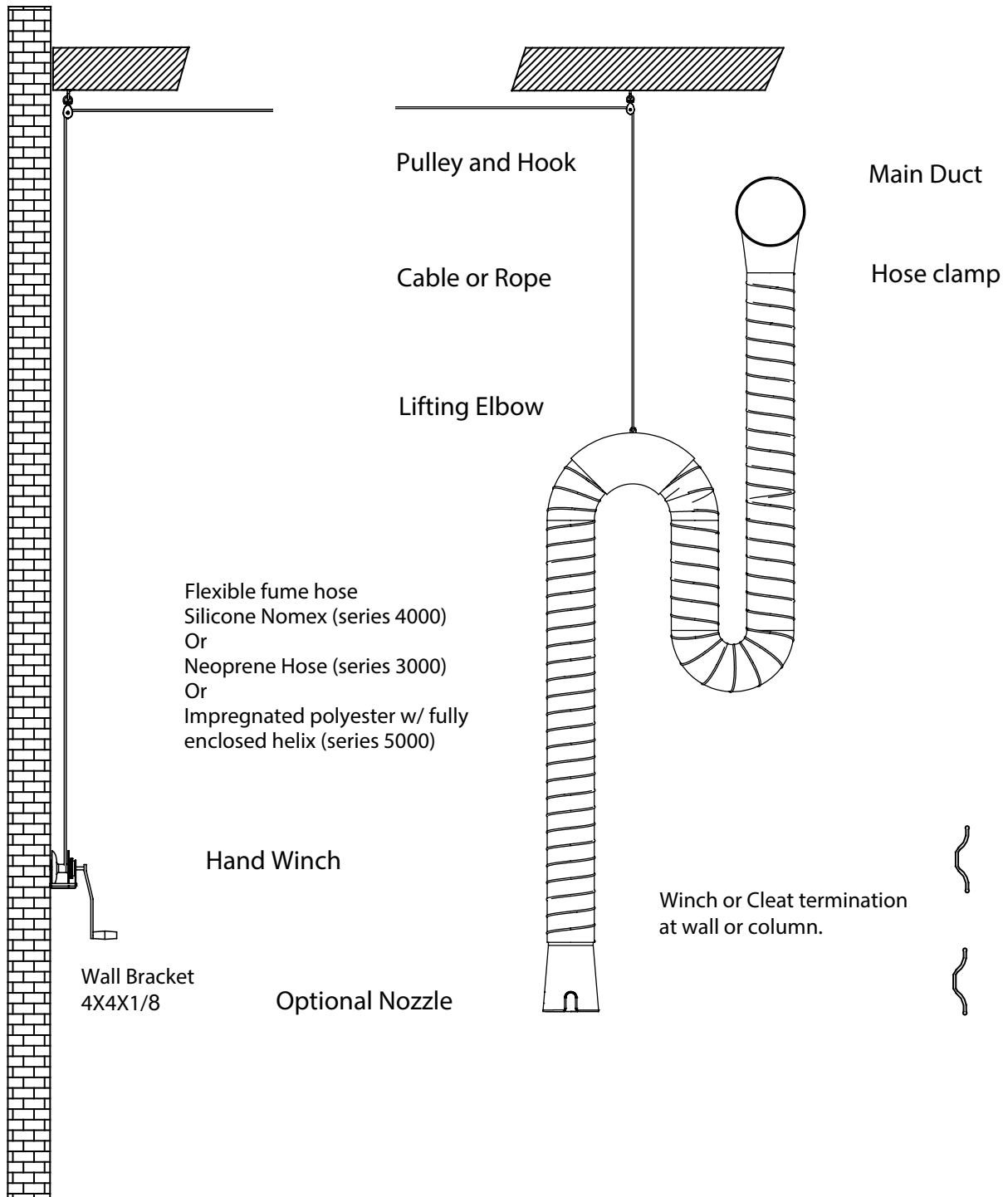
## Operation and Maintenance Manual

### Winch Pull Up Kit



**MONOXIVENT - SOURCE CAPTURE SYSTEMS**

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877-608-4383 - [info@monoxivent.com](mailto:info@monoxivent.com)  
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# Work Winches

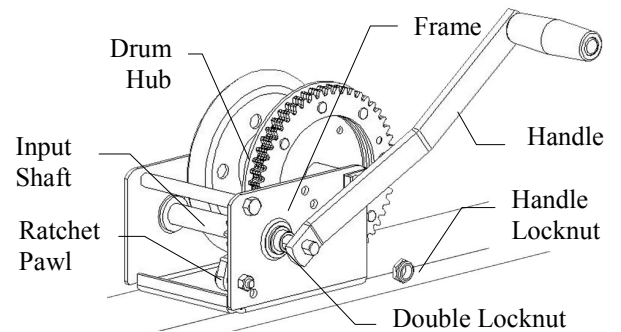
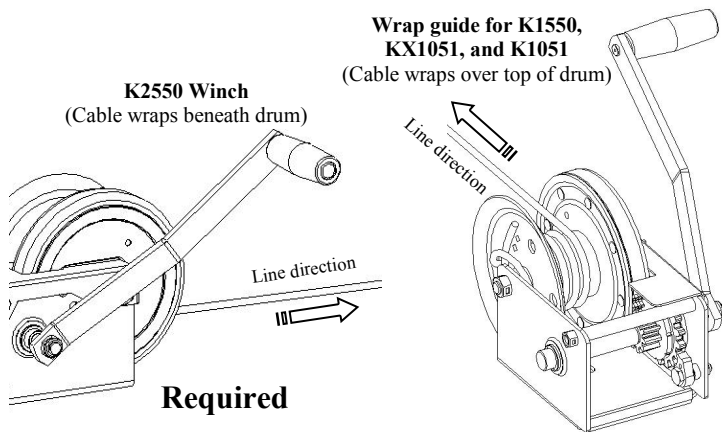
## **Read, Understand, Follow and Save These Instructions**

Read, understand and follow all of these instructions and warnings (Instructions) before installing and using this product. Install and use this product only as specified in these instructions. Improper installation or use of this product may result in property damage, serious injury, and/or death. Never allow installation or use of this product by anyone without providing them with these instructions. You must read, understand and follow all instructions and warnings for any product(s) to which this product is used in conjunction with or installed. Save these instructions with the product for use as a reference for any future installation and use of the product.

### **Installation Instructions**

**Warning: Failure to follow these warnings and instructions may result in property damage, serious bodily injury, and/or death.**

(Mounting hardware not supplied.) The winch stand must be capable of supporting at least five times the rated capacity of the winch. The mounting surface must be equal to or greater than the footprint of the winch frame. When attaching the winch, use 3/8" dia. grade-5 hardware and torque to 28-30 ft-lbs. Mounting bolts will vary in length for each application. Check the final installation and make sure it winch is secure to mounting structure.



#### **Attaching a Handle:**

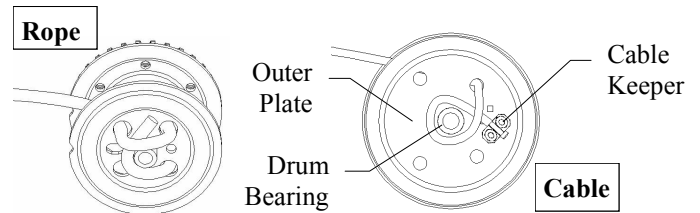
Assemble the handle onto the flattened input shaft end. Tighten the 1/2"-13 locknut against the handle and torque to 22-25 ft-lbs. Do not over torque. Do not adjust the double locknuts on the long end of the input shaft.

#### **Attaching a Rope:**

Attaching a rope to the winch drum requires no bolts, nuts, or clamp. The rope must weave through the drum outer wall and be secured beneath itself as shown in the illustration.

#### **Attaching a Steel Cable to a Drum:**

Pass the cable from the inside of the drum through one of the dimpled holes in the outer plate. Loop the cable around the drum bearing, under itself, and leave 1" of cable extending past the clamp location. Torque the clamp nuts to approximately 2 ft-lbs.



**Illustration only. Do not remove drum to install cable or rope.**

***Prior to Use***

- 1) Inspect rope or cable and replace if damaged.
- 2) Check mounting hardware for proper torque and re-torque if necessary.
- 3) Gears, ratchet pivot point and shaft bushings must be kept lubricated with a thin oil or grease.

***Operation***

**Take Line/Load In:**

- 1) The cable must be securely fastened to the object being lifted and to the winch drum.
- 2) Always be sure that the cable and cable attachments are not damaged and are strong enough for the load. Assure there is adequate safety factor, of at least three times the maximum load for all components used.
- 3) Referring to the “Cable In/Cable Out” decal on the winch, turn handle according to the specified direction to lift. The ratchet **MUST** make a loud clicking sound while pulling line in.

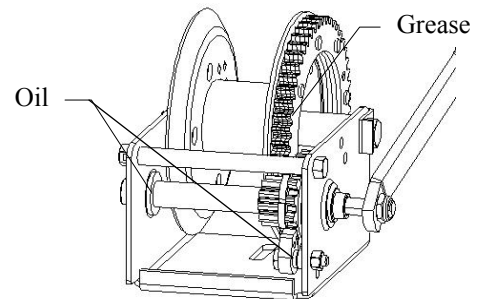
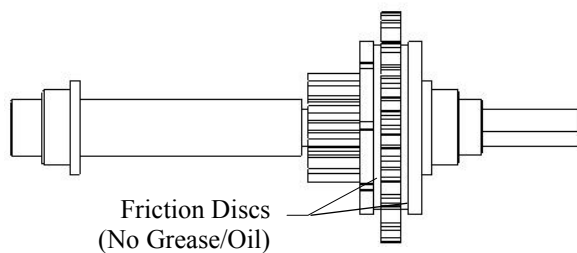
**Let Line/Load Out:**

- 1) The cable must be securely fastened to the object being lifted and to the winch drum.
- 2) Always be sure that the cable and cable attachments are not damaged and are strong enough for the load. Assure there is adequate safety factor, of at least three times the maximum load for all components used.
- 3) Referring to the “Cable In/Cable Out” decal on the winch, turn handle according to the specified direction to lower. No clicking will be heard because the brake system is activated.

***Maintenance***

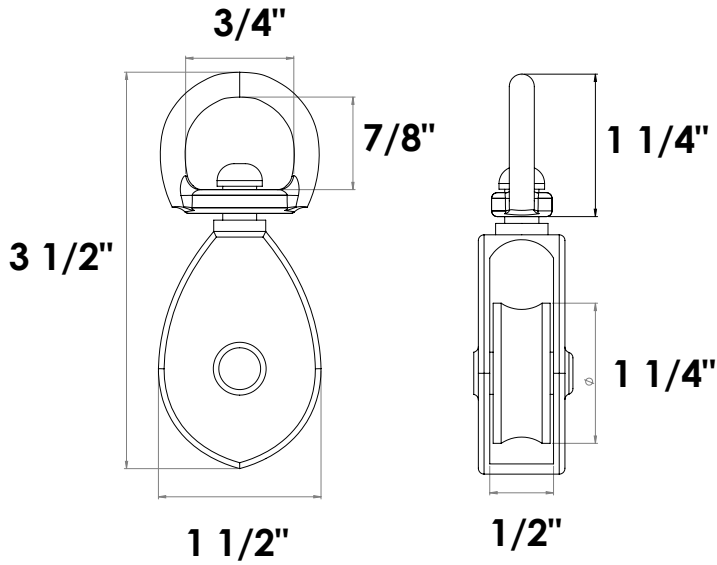
The following procedures should be performed at least annually:

- 1) **Do not get oil or grease on the friction discs.**
- 2) Apply a drop or two of #30 weight engine oil to each bushing I.D. and to the ratchet pawl pivot points. Maintain a thin layer of chassis grease on the gear teeth.

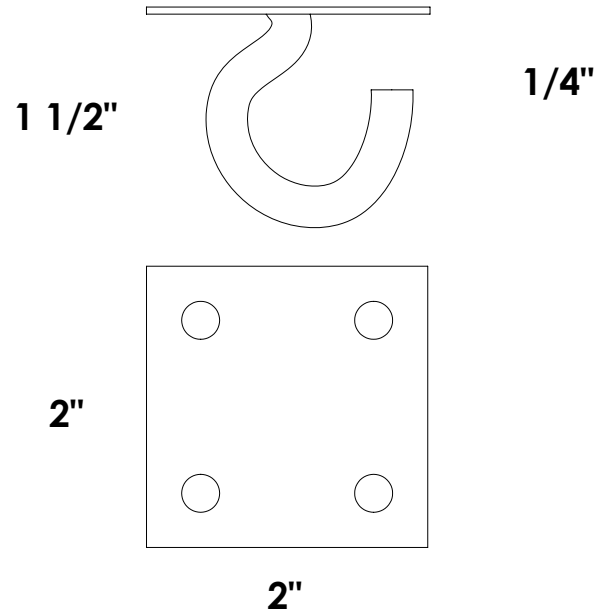


**PU-KIT-R**

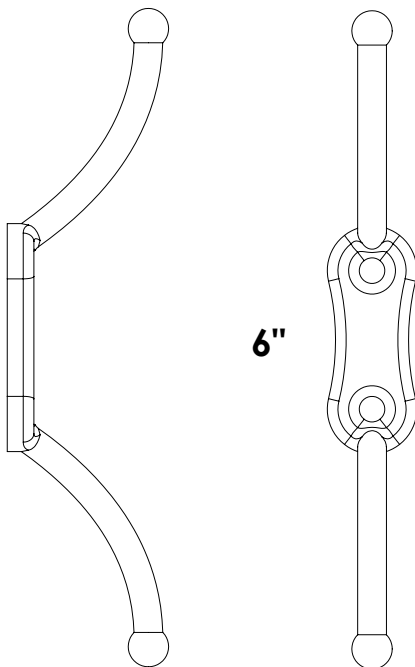
**23857 Pulley**



**23861 Pulley Mounting Hook**



**23858 Wall Cleat**



**23859 Multi-Filament  
 Polypropylene Cord - 750 lbs.  
 Breaking Strength**

