



DRILL DRIVE™
WINCH SYSTEMS
by **Telpro Inc.**

OPERATOR'S MANUAL

Model 1065

Dual Drive Winch System

***For Installation On**
World's Best Drywall Lifts
PANELLIFT®
drywall lift model 439

*This Drill Drive™ Winch System is designed to be compatible with Genuine PANELLIFT® Brand Drywall Lift model 439 manufactured by Telpro Inc. Use in any other application or for any other purpose is not recommended and will void the warranty.



WARNING



Read and become familiar with this manual BEFORE operating unit.

Before operating this equipment, thoroughly read this set of instructions, make sure you understand them, and only then follow the step-by-step directions. Failure to do so could result in serious property damage and / or serious bodily injury.

MADE IN USA BY Telpro Inc.®
www.telproinc.com

To our valued customer:

Thank you for choosing the Drill Drive™ Winch System for your PANELLIFT® Drywall Lift. We are pleased that we are able to provide equipment to make your work easier.

Our efforts are focused on producing the finest quality equipment of which we are capable. We know that extra time and effort spent on our part to design and produce a high quality finished product will mean time and effort saved on your part when you use it. This is important to us.

Foundational to all of our work at Telpro Inc. is the fact that God is our creator. It is our desire to honor him in our work and business relationships. We are able to provide equipment to ease only your physical labor. But Jesus said, "Come to me, all you who are weary and burdened, and I will give you rest. Take my yoke upon you and learn from me, for I am gentle and humble in heart, and you will find rest for your souls. For my yoke is easy and my burden light."

Jesus also said, "I have come that they might have life, and have it to the full." The Apostle Peter said, "Salvation is to be found through him alone; in all the world there is no one else whom God has given who can save us...Leave all your worries with him because he cares for you."

Thank you again for giving us the opportunity to work with you. Any questions or comments that you may have regarding our equipment or company are always welcome.

Telpro Inc.

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⚠ Warning ⚠

Read and follow these warnings and the instructions that follow. Failure to do so could result in serious property damage and/or serious bodily injury.

• **BEFORE** operating this equipment, thoroughly read this set of instructions, make sure you understand them, and only then follow the step-by-step directions.

FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS could result in failure of the equipment. Failure of the equipment while the lift is raised can include a sudden and rapid lowering of the lift and load possibly resulting in serious property damage and/or serious bodily injury.

• **BEFORE** installing or operating this Drill Drive™ Winch System on your PANELLIFT® Drywall Lift model 439, thoroughly read and make sure you understand the Operator's Manual for the PANELLIFT® Drywall Lift, which is also included with this winch system. Follow all instructions, cautions and warnings in the PANELLIFT® Drywall Lift Operator's Manual.

• This Drill Drive™ Winch System has been designed and is intended for installation on PANELLIFT® Drywall Lift model 439 exclusively. **DO NOT** use in any other application. Any other use or application will void the warranty

• As with any lifting equipment, **ALWAYS WEAR A HARD HAT** when operating the Drill Drive™ Winch System and keep children away from the work area. Failure to do so could result in serious bodily injury.

• **DO NOT ATTEMPT TO USE YOUR** Drill Drive™ Winch System IF ANY PART IS MISSING, DAMAGED OR WORN. ORDER A REPLACEMENT PART IMMEDIATELY. Using a Drill Drive™ Winch System with missing, damaged or worn components can result in failure of the unit and possibly severe property damage and/or serious bodily injury.

• **MAKE SURE** that the lift chains and roller bearings on your PANELLIFT® Drywall Lift are in good condition before installing your Drill Drive™ Winch System.

• **DO NOT TAMPER WITH OR ADJUST** the torque setting on the load limiting clutch of the PANELLIFT® Drywall Lift model 439. This is factory preset for the load range of the intended use of the lift. Altering this factory setting can subject the drive, lift, and brake mechanisms of the lift to stresses and loads that they were not designed to carry. This can result in failure of the unit which may include a sudden and rapid lowering of the lift and the load possibly resulting in serious property damage and/or serious bodily injury.

• **CAUTION:** When the winch brake is released the winch will rotate backward and cradle will rapidly descend. If the winch is allowed to free-wheel backward, the winch handle can develop a great deal of rotational speed and potential for injury. To avoid possible serious personal injury or property damage always control the winch wheel firmly with the right hand before releasing the brake. **SEE INSTRUCTIONS ON PAGE 6**

• **DO NOT ATTEMPT** to use the Drill Drive™ Winch System to power the winch in reverse to lower the lift. **SEE INSTRUCTIONS ON PAGE 6**

• **DO NOT** use an impact driver or impact drill to power the Drill Drive™ Winch System.

• **BE AWARE** of the rotating winch wheel and handle when activating the Drill Drive™ Winch System.

• **DO NOT** pass your hand through the spokes on the winch when operating the unit as this could result in serious bodily injury.

• **DO NOT** operate the Drill Drive™ Winch System while the chain guards are removed as this could lead to serious bodily injury.

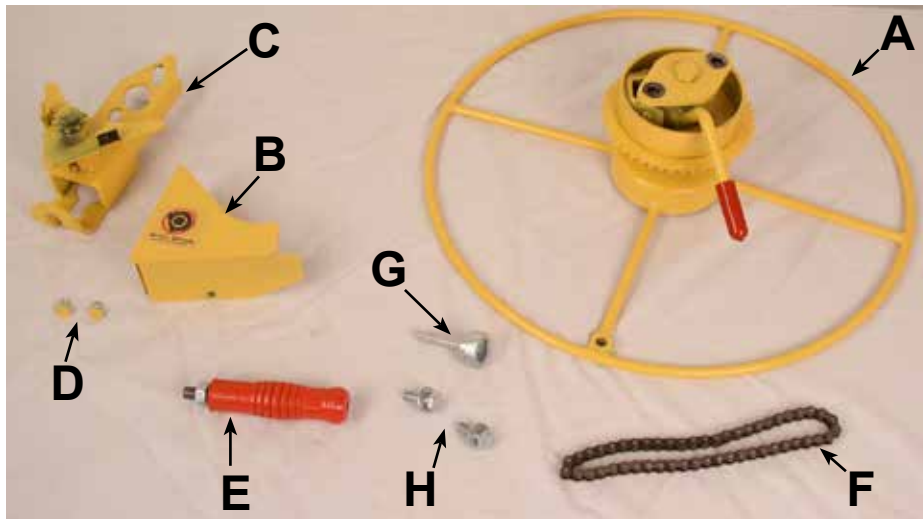
• Moving the PANELLIFT® Drywall Lift from a cold environment to a warm one may cause condensation to form on metal surfaces creating a potential for malfunction. Such malfunction could possibly result in serious property damage and/or serious bodily injury: Allow the unit to reach working room temperature and check to make sure that the winch brake drum is clean and dry before operating.

• Keep oil and grease away from the load limiting clutch. It may effect the torque setting.

• Use only factory authorized replacement parts. Installation of other parts can compromise the safe design of the Drill Drive™ Winch System and may cause failure of the unit possibly resulting in serious property damage and/or serious bodily injury.

Questions? - Call Telpro Inc. Customer Service at 1-800-448-0822 or 701-775-0551

Drill Drive™ Winch System Model 1065



- A. Winch Assembly
- B. Chain Guard
- C. Drill Drive™ Assembly
- D. 1/4" x 1/2" bolts (qty: 2)
- E. Winch Handle
- F. #35 Drill Drive Chain
- G. 3/4" Drive Adapter
- H. 3/8" x 1" bolts with washers (qty: 2)

Load Rating:

200 lbs. (90 kg) DO NOT EXCEED

NOTE: This Drill Drive™ Winch System requires a reversible drill.

RECOMMENDATIONS:

- For best results use an electric variable speed drill that produces at least 800 RPM.
- If a cordless drill is used that has multiple gear selections, operating at the lowest gearing will improve the drill's torque and prevent undue wear on the drill's motor.

CARE AND MAINTENANCE

- Use only factory authorized replacement parts. Installation of other parts can compromise the safe design of the Drill Drive™ Winch System possibly resulting in serious property damage and/or serious bodily injury.
- Occasionally lubricate the #35 Drill Drive Loop Chain (part #60-03).
- Do not allow grease or oil to contact the surface of the winch brake drum. (Powdered gypsum applied to the brake will help dry the surface.)
- Store the PANELLIFT® Drywall Lift in a dry place.

NOTE:

Special lubricant and procedure is required when lubricating the #40 Winch Drive Chain on the Model 439 PANELLIFT® Drywall Lift (Part Number 52-16; refer to the Parts Index in the PANELLIFT® model 439 Operator's Manual included with this winch system)

You must use a silicone spray lubricant that will dry properly. A lubricant that will not dry properly may drip and work its way into the overload preventing slip clutch, preventing the lift from properly functioning. For this application, Telpro Inc. uses and recommends LPS® brand Heavy -Duty Silicone Lubricant, No. 01516, Silicone Rich, Water-Based Formula, Food Grade H1. Use this lubricant or equivalent when lubricating the #40 Winch Drive Chain. **Contact Telpro Inc. if you can't find this lubricant or equivalent locally.**

For the correct procedure, refer to the *1065 Clutch and Chain Cleaning* guide included with this winch system.



Installation



1. With the lift in the completely lowered position, remove the chain guard.



2. Unbolt the winch by loosening the two winch mount bolts using a 9/16" wrench.



3. Remove the winch and #40 drive chain
-Hand tighten the two 3/8" X 3/4" winch mount bolts with washers back into the removed winch and set it aside. You will not use these bolts/washers with your Drill Drive™ Winch assembly.



4a. Slip the #40 drive chain over the brake arm of the Drill Drive™ winch.



4b. Slip the #35 loop chain over the brake arm of the Drill Drive™ winch.

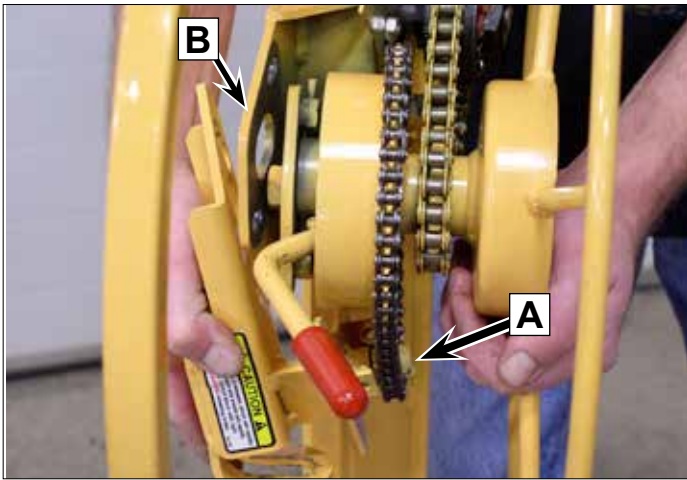


5. Mount the #40 drive chain on the slip clutch.

⚠ WARNING ⚠

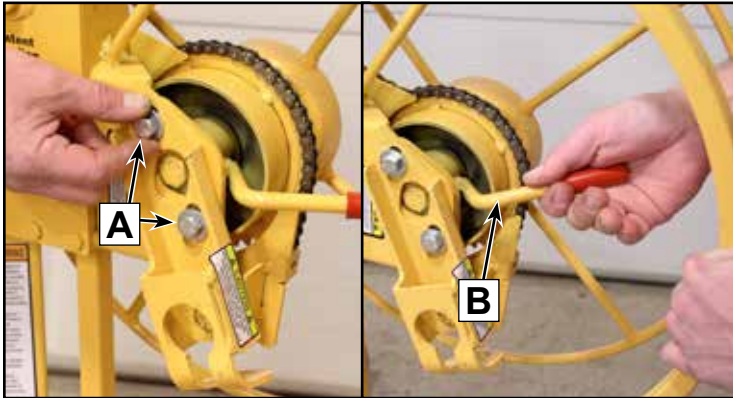
USE ONLY the 3/8" X 1" bolts with flat washers supplied with the 1065 Drill Drive Winch System to fasten it to the winch mount plate. If the washers are missing or if shorter bolts are used, the brake arm might be jammed and malfunction or the winch might come loose from the winch mount plate.

Installation continued



6a. Mount the nine tooth sprocket of the Drill Drive™ unit in the #35 drill drive chain as shown.

6b. The winch mount plate must be between the Drill Drive™ unit and the winch as shown.



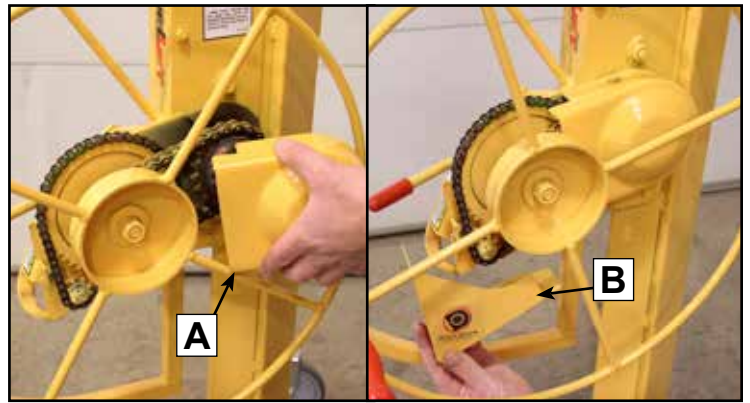
7a. Insert the winch mount bolts and finger tighten.

7b. Check the brake arm to make sure it functions properly



8. Adjust chain tension for smooth operation and tighten the winch mount bolts securely.

IMPORTANT: The process of tightening the mount bolts can cause components to shift, tensioning the loop chains and preventing the winch from functioning properly. For proper winch operation, check for some slack in the chains when the mount bolts are tight.



9a. Replace the upper chain guard.

9b. Install the lower chain guard.



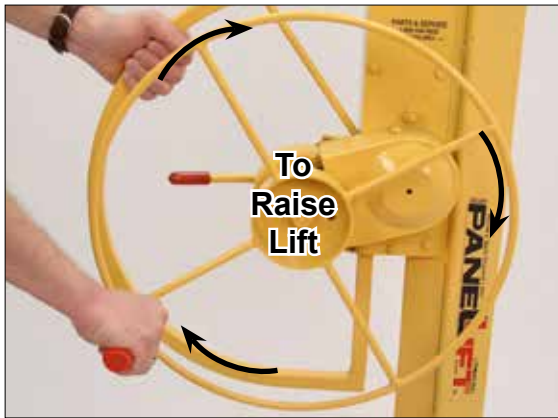
10. Test for correct assembly and smooth operation of empty lift by turning the drive bolt counter-clockwise with the 3/4" driver adapter mounted in a reversible drill. (800+ rpm variable speed is recommended). **CAUTION: Be aware** and stay clear of the rotating winch handle.



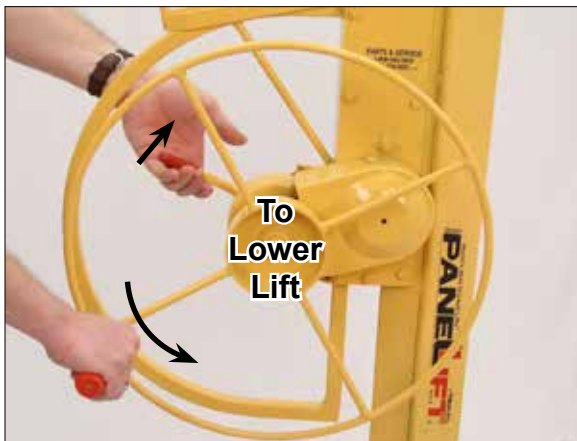
The drill hangs neatly in the storage loop when not in use.



1. To raise the PANELLIFT® Drywall Lift rapidly and easily use your drill to power the Drill Drive™ Winch System. The drill must be run in reverse to raise the load. An electric variable speed drill that runs at least 800 rpm is recommended. If a cordless drill is used, running it in the lowest gear setting, if the option is available will improve drill torque and save wear on the drill's motor.

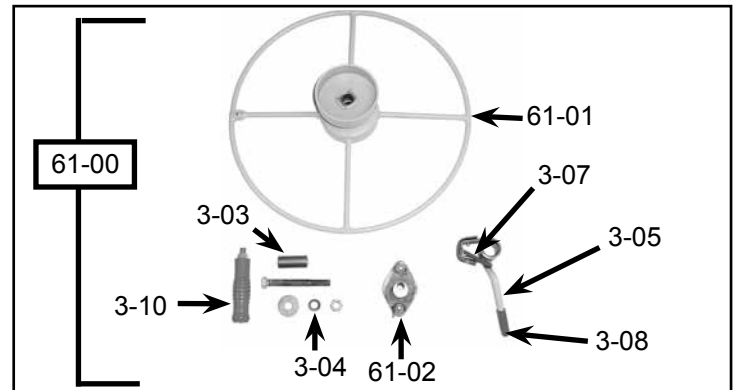
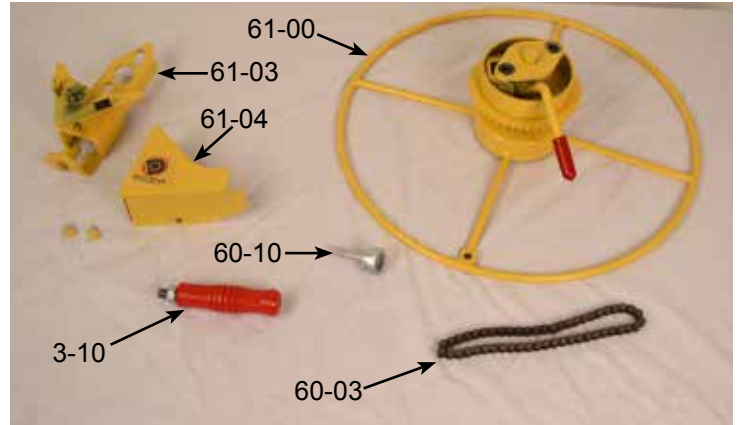


2. To raise the PANELLIFT® Drywall Lift manually for fine control in final positioning of the load, rotate the winch wheel in the direction shown. The brake arm is spring loaded to hold the winch automatically at any height.



3. To lower the PANELLIFT® Drywall Lift control the backward rotation of the winch by grasping the winch handle with your right hand BEFORE releasing the brake with your left hand. **ALWAYS** use this two hand method when lowering the PANELLIFT® Drywall Lift. (See warnings on p. 1)

IMPORTANT: Keep this manual and refer to this parts index when ordering replacement parts for your Drill Drive™ winch components. (The parts numbers for some of the 1065 Drill Drive winch™ system components are different than the parts numbers for the winch components on the standard Model 439 PANELLIFT® Drywall Lift.)



Drill Drive Winch Components

Part	Description
3-03	7/8" Bushing
3-04	1/2" Bolt w/ Washer & Nut
3-05	Complete Brake Arm Assembly
3-07	Tension Spring "B"
3-08	Brake Handle Cover
3-10	Winch Handle
60-03	#35 Drill Drive™ Loop Chain
60-10	3/4" Driver Adapter
61-00	Complete 1065 Dual Drive Winch
61-01	1065 Dual Drive Winch Wheel w/ Flange Bearings
61-02	Brake Hub w/ 1" bolts
61-03	1065 Drill Drive™ Unit
61-04	Outer Guard Plate w/ Fasteners

COPY THIS ORDER FORM TO PLACE ORDERS

PHONE 800-448-0822 FAX 701-775-0629

EMAIL telpromktg@telproinc.com

Quantity	Part #	Description	Price Each	Total Price
Sub Total				
Shipping				
Total				

- VISA
- MC
- DISCOVER
- AM EX

- CHECK
- MONEY ORDER

CARD#

EXP. DATE

*CVV2 #

SIGNATURE (required for credit card purchases)

MAIL ORDER TO:
Telpro Inc.
 ATTN: Sales Dept.
 7251 South 42nd St.
 Grand Forks, ND 58201
 www.telproinc.com

Ship to Name (Please print clearly)

Address

City State Zip Code

Phone #

Shipping address must be the same as billing address

*CVV2 is an authentication process established by credit card companies to reduce fraud for internet transactions. It consists of requiring a card holder to enter the CVV2 number in at transaction time to verify the card is on hand. For VISA, MASTERCARD, or DISCOVER, the 3 digit number is found on the back of the card. This number is printed on the signature area (last 3 digits after the card number). For AMERICAN EXPRESS cards, the 4 digit number is printed above to the right of the imprinted credit card number on the front of the card. Please call Telpro at 1.800.448.0822 if you have questions.

*The Model 195
Loader Attachment
is the ultimate accessory
for the Panellift® Drywall Lift.*



Without the loader -

loading height is about 37"



Great Back Saver!

With the Loader -

loading height is decreased
to approximately a few inches.



Best Back Saver!



Questions about assembly?

Can't find a part?

Need some other help?

Call us: **Telpro Inc.[®]**

1(800)441.0551

(701)775.0551

We'll get you set up!