

THE DRYWALL LIFTER
PANELLIFT®

Covered by one or more of the following patents: 3,828,942 5,368,429 5,586,619 5,984,605 7,556,464 7,726,901 Other patents pending.

Service Procedure Manual

Replacement of part 52-11-02-00
PANELLIFT® Drywall Lift Model 439



⚠ WARNING ⚠

Read and become familiar with this manual **BEFORE** performing the service procedure described within.

Before this service procedure, 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.

Telpro Inc.®

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IMPORTANT SAFETY NOTICE

Dear Telpro Inc. Customer:

Telpro Inc. is recalling a component part on certain serial numbers of Model 439 and 439D PANELLIFT® Drywall Lift. Our records indicate that you purchased a unit or units with a serial number that is within the included group.

PROBLEM: The material used to weld the sprocket shaft component of the drive assembly on certain Model 439 and 439D PANELLIFT® Drywall Lifts may have been hardened making it susceptible to breaking after being welded. If this component breaks while the lift is raised, the lift and the load it is raising will rapidly descend, possibly resulting in serious property damage and/or bodily injury.

PRODUCT/COMPONENT:

PANELLIFT® Drywall Lift Model 439 and 439D with the following model and serial number ranges:

| Model | Serial Numbers |
|-------|-------------------|
| 439 | T000001 - T000359 |
| 439D | X000001 - X000033 |

Component: Part 52-11-02-00 Sprocket Shaft

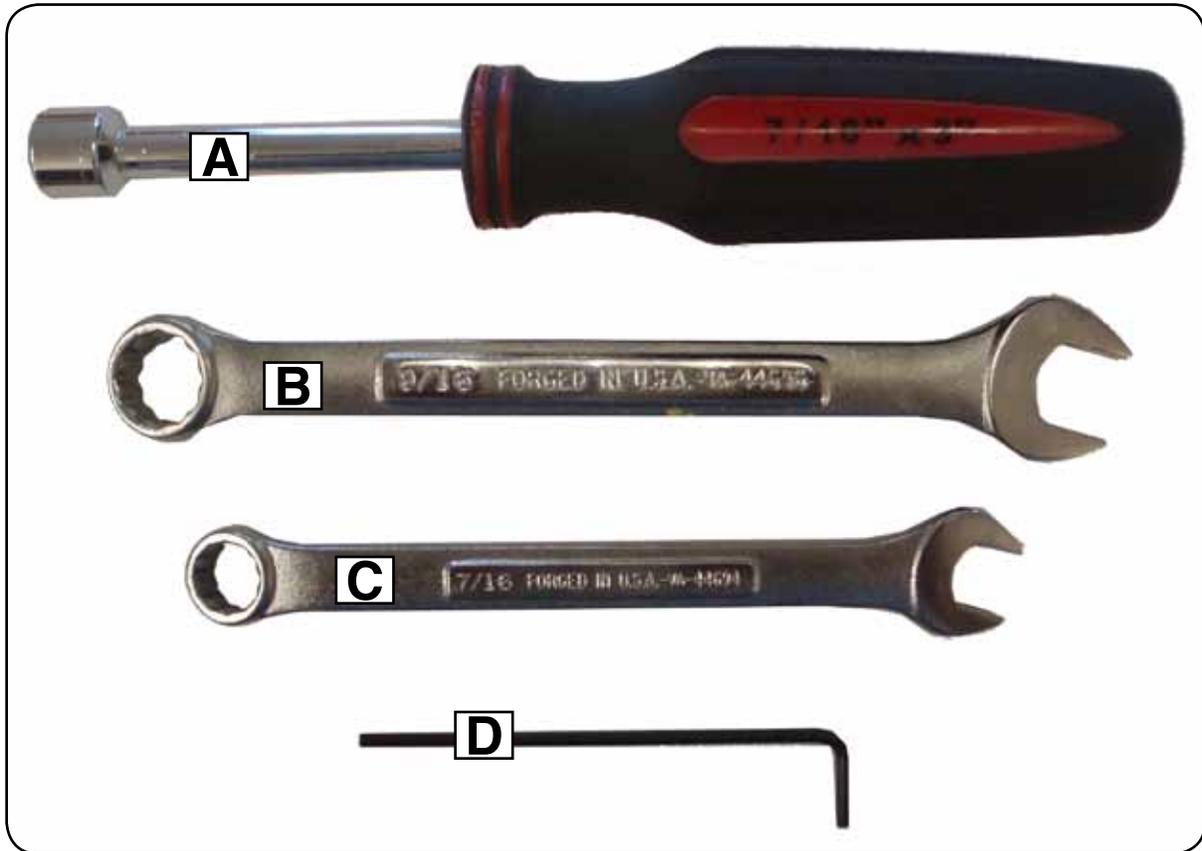
WHAT TO DO:

1. Do not use the drywall lift until a replacement 52-11-02-00 Sprocket Shaft component has been installed.
2. Please call Telpro Inc. immediately at **1-800-448-0822** to make arrangements for a replacement 52-11-02-00 Sprocket Shaft. Please have your serial number ready when you call.

Our efforts are intended to ensure your continued satisfaction with your Telpro Inc. products and the safe operation of your PANELLIFT® Drywall lift. If you have any questions, please call Telpro Inc. Customer Service at **1-800-448-0822**.

Sincerely,

Telpro Inc.



- A. 7/16" Nut Driver
- B. 9/16" Wrench
- C. 7/16" Wrench
- D. 3/32" Hex Key Wrench

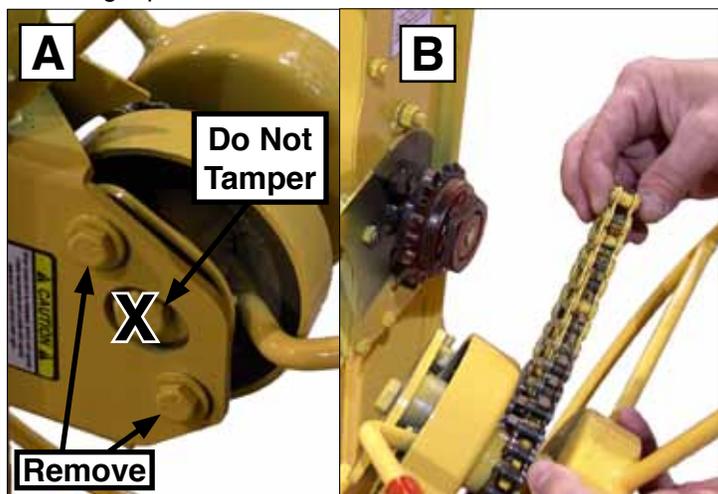
See a video of the procedure and download a color version of this manual by going to the following address and clicking on Equipment Service and Maintenance Video. The procedure should take about 12 to 15 minutes.

<http://telproinc.wordpress.com/>

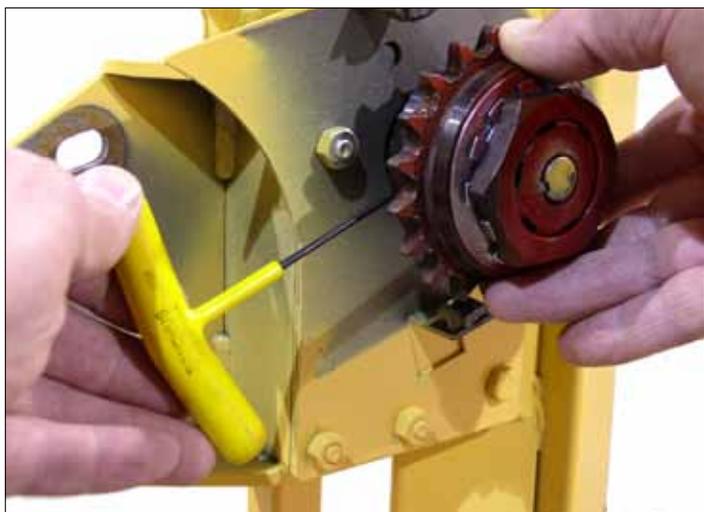
REPLACEMENT OF PART 52-11-02-00



1. Remove the drive chain guard by loosening and removing top and bottom bolts.



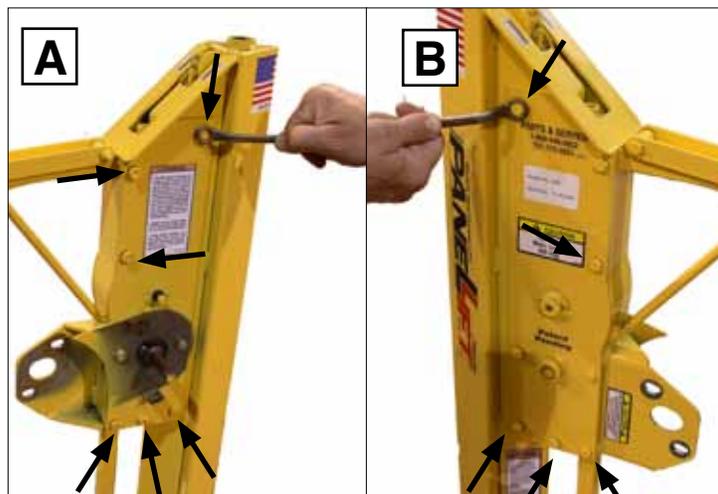
2. (A) Remove the two winch mount bolts **Do not tamper with the center Winch Assembly Bolt.** (B) Remove the winch and drive chain



3. Loosen the set screw on the clutch assembly 52-15 using a 3/32" hex key and remove the clutch assembly. Take care to not lose the key stock.



4. Remove the 3/8" nut

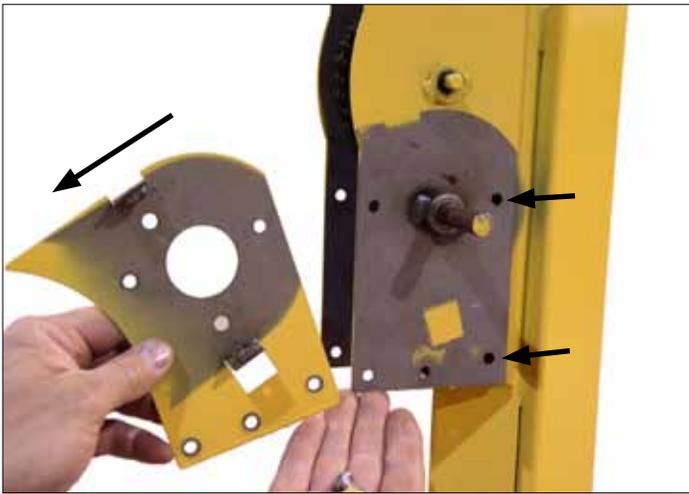


5. Loosen but do not yet remove all 1/4" nuts and bolts on the outer plates 52-10, both sides.



6. Remove nuts and bolts (five sets) and remove winch mount 52-13.

REPLACEMENT OF PART 52-11-02-00 CONT.



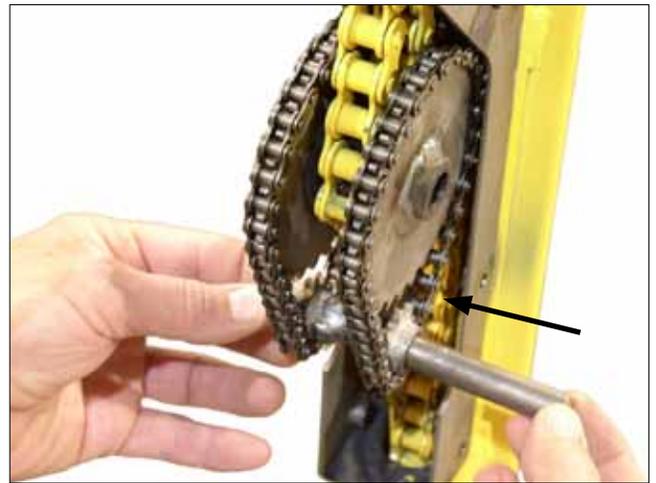
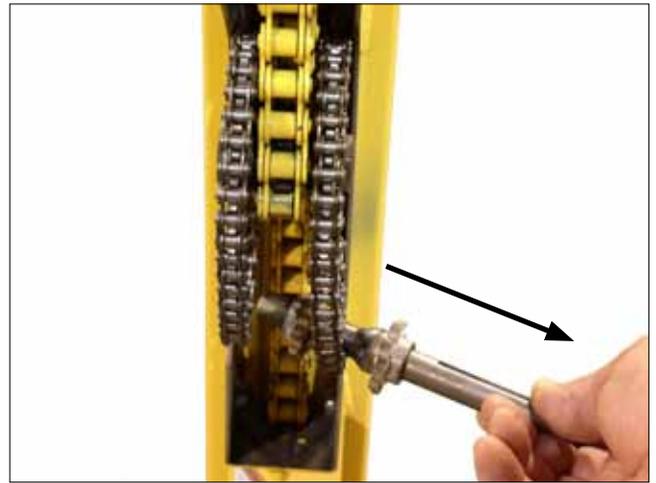
7. Remove guard mount plate.



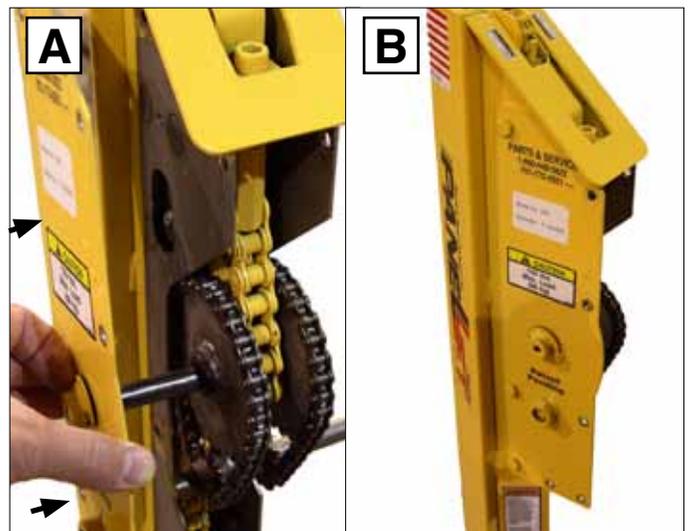
8. Remove right side outer plate 52-10



9. Remove left side outer plate with shoulder bolt. 52-10.



10. (A) Remove original sprocket shaft and (B) replace with new sprocket shaft.



11. Reinstall left side outer plate 52-10 and shoulder bolt 52-12. Check alignment of split washers under the shoulder bolt head for proper alignment. Lightly attach this outer plate with three 1/4" x 1/2" bolts - finger tight only.

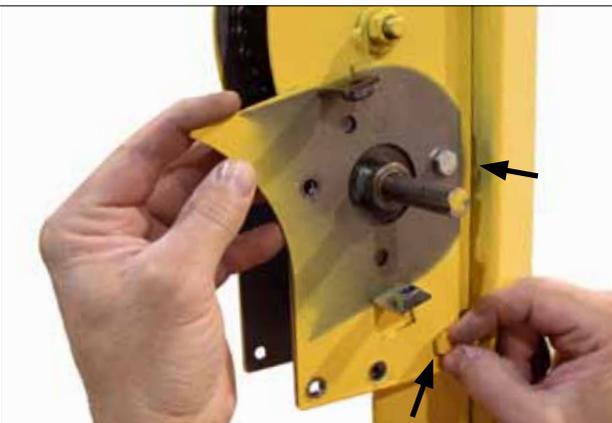
REPLACEMENT OF PART 52-11-02-00 CONT.



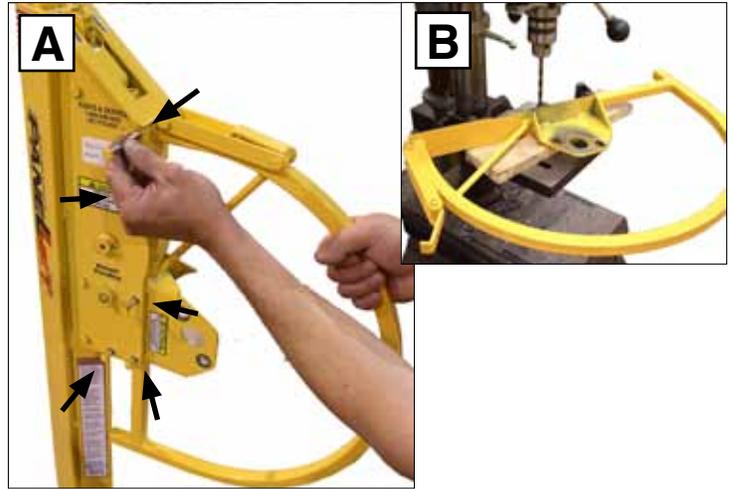
12. Reinstall right side outer plate 52-10 and lightly attach it to the frame using a single 1/4" x 1/2" bolt through the top hole -finger tight only.



13. Jog and push the shoulder bolt through the assembly and tighten the 3/8" nut after the bolt has fully emerged from the right side outer plate. It is important that the bolt is carefully aligned with the bolt hole before you tighten this nut.



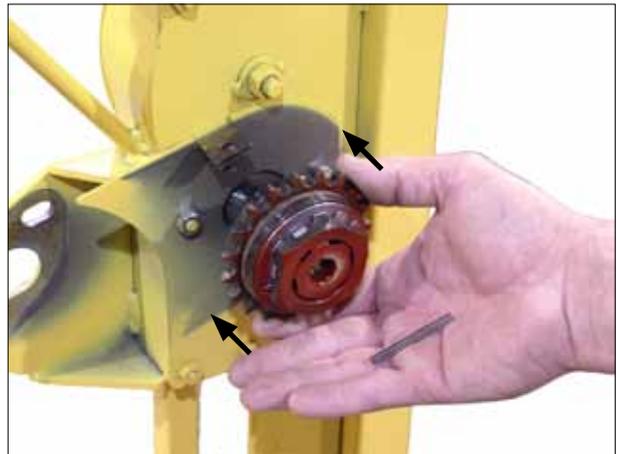
14. Reinstall guard mount plate and lightly attach it to the frame and outer plate with two 1/4" x 1/2" bolts - finger tight only.



15. (A) Install winch mount 52-13 and insert five 1/4 x 2 1/2" bolts with nuts. (B) You may wish to drill out the bushings on the winch mount to 9/32" to help with alignment and assembly.

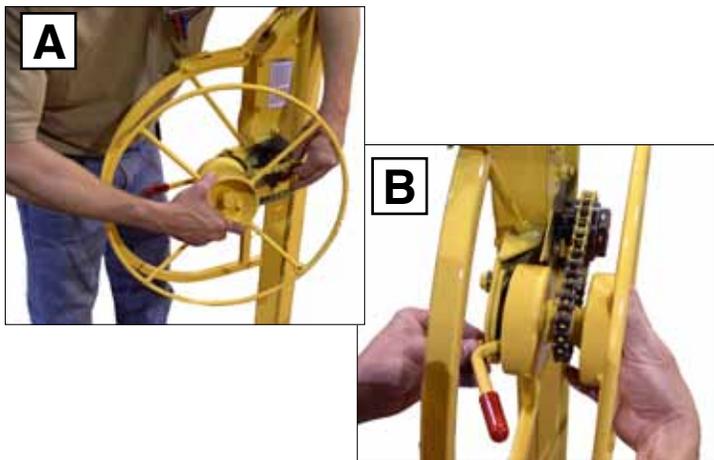


16. Tighten all of the 1/4" nuts and bolts as well as the 3/8" nut on the outer plates.

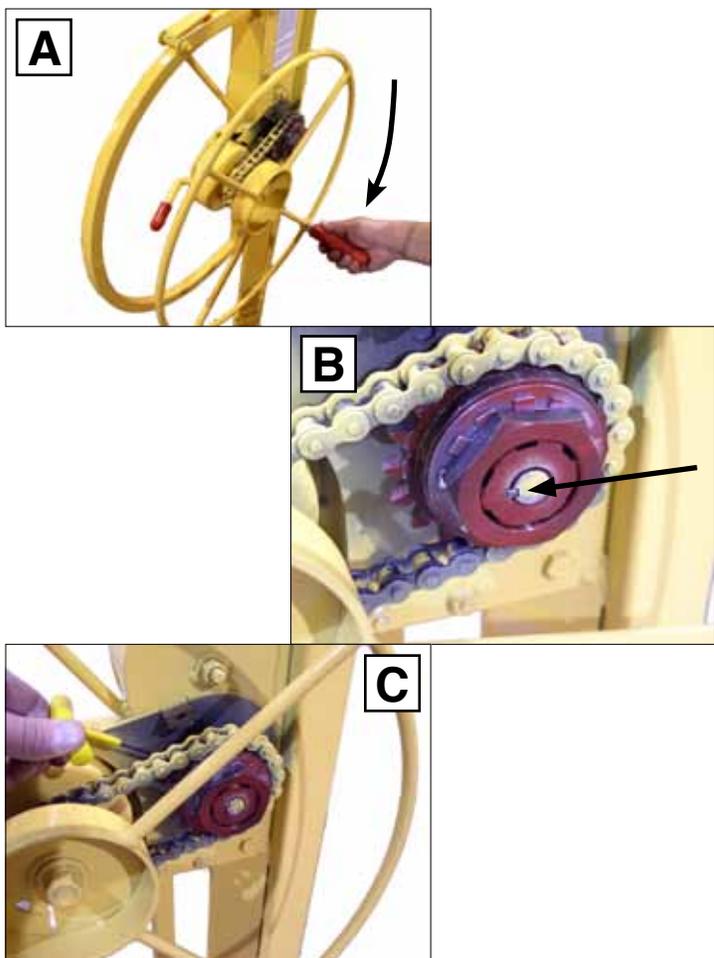


17. Slip the clutch assembly onto the sprocket shaft with the large hex nut facing outward. Do not insert the shaft key stock yet.

REPLACEMENT OF PART 52-11-02-00 CONT.



18. (A) Reinstall the winch and drive chain. (B) Tighten the winch mount bolts just enough to hold the winch firmly against the mount plate surface.



19. (A) Turn the winch wheel slowly to align the key shaft with the clutch assembly and (B) insert the key stock. (C) Tighten the setscrew using a 3/32" hex key.

20. Adjust the drive chain tension correctly, secure the winch mount bolts and reinstall the drive chain guard and secure with bolts.

The #40 winch drive chain should be taut but not overly tightened as this will exert excess side load on bearings and drive components. To achieve correct tension proceed as follows. **Do not make this adjustment with the cradle on the lift.**

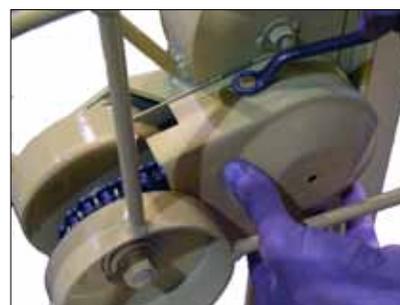


A. Lift the brake handle with right hand to allow the drive chain to find a neutral, tensionless position.

B. Pull the winch back to remove excess slack from the drive chain and hold while retightening the two mount bolts. Do not apply too much tension on the chain. Apply hand pressure only. Do not use a lever of any kind to increase chain tension.



C. To check for proper tension, rotate the winch 1/2 turn to tension the lower portion of the chain. Move the upper portion of the chain up and down and measure the vertical movement of the upper portion of the chain midway between the sprockets. The correct distance of this movement should be approximately 3/8" to 1/2". If necessary repeat the previous steps until the correct tension is achieved. Replace the winch drive chain guard when the adjustment is complete.



D. Replace the chain guard and tighten the top and bottom bolts.



Questions about assembly?

Can't find a part?

Need some other help?

Call us: **Telpro Inc.[®]**

1(800)448.0822

(701)775.0551

We'll get you set up!