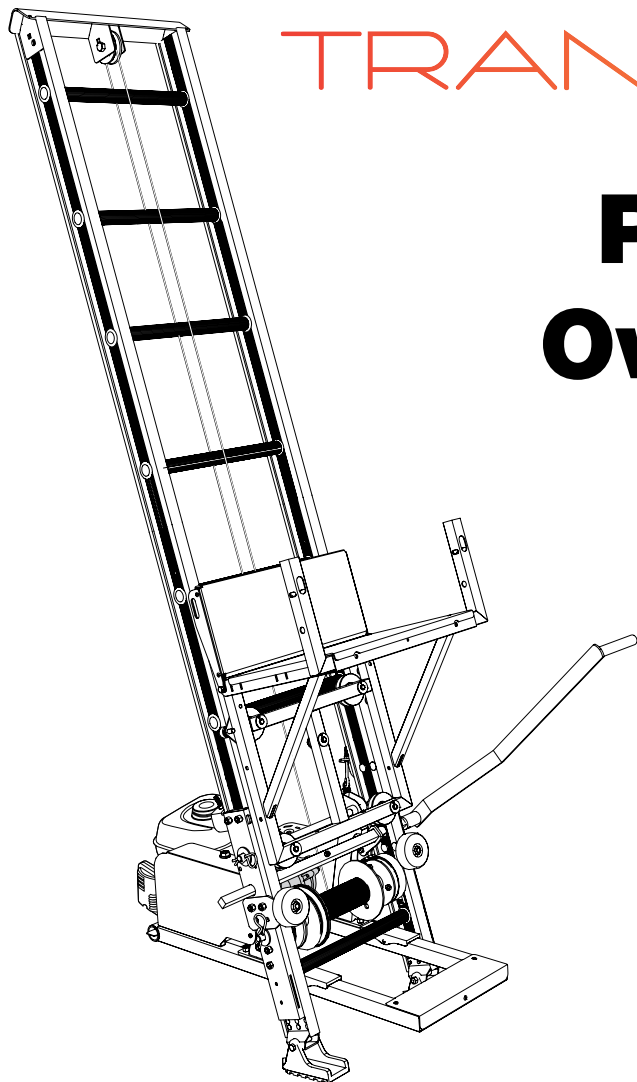




TRANZPORTER

Platform Hoist Owners Manual

Updated: 5/16/24

TP250

250 lb. Capacity

TP400

400 lb. Capacity

For the Most Up to Date Information and
Instructions, Visit www.tiedown.com



WARNING: This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer. For more information go to: www.P65Warnings.ca.gov



Hoist
Manual



TP250
Carriage



TP400
Carriage

CRITICAL SAFETY INFORMATION: The greatest exposure to serious bodily injury and or death may occur when the Tranzporter track sections are located within 10 ft. (left or right or underneath) overhead electric power lines. If a minimum safe distance (10 ft.) from electrical wires cannot be maintained, contact the local utility company and have the electric wire unenergized and grounded or guarded effectively by insulating or other means.

A COMPETENT PERSON must be present during any set up, during any repositioning, and during any tear down operations of the Transporter track sections when the Transporter is to be located near electric power lines. A COMPETENT PERSON must read and understand the Owners Manual for set up, operating instructions, and tear down instructions in order to insure that all personnel authorized to set up, operate, and tear down the Transporter are made aware of ALL SAFETY WARNINGS as well as the operating instructions. ALWAYS USE APPROVED ROOF TOP fall protection when setting up, operating, and taking down the Tranzporter Hoist.

Instructions #08238 (e1399, Rev. 5/16/24)

TIE DOWN
MANUFACTURING INGENUITY

404-344-0000 • www.tiedown.com
605 Stonehill Drive SW, Atlanta, GA 30336
sales@tiedown.com

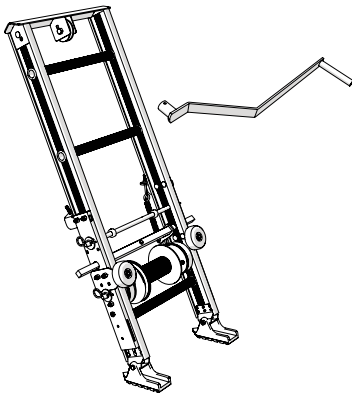
Congratulations on your Purchase of the Tranzporter Lift Hoist.

The Tranzporter Lift Hoist was designed to provide safe and continuous operation.

Features Include...

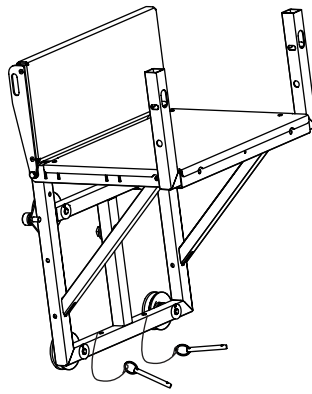
- Collapsible carriage comes with track cam followers for better tracking and handling.
- Aluminum deck and flap for lighter weight and longer life.
- Rolled goods/plywood brackets comes with unit and pins into carriage.
- Two safety nylon tie down straps for use with plywood/sheet panels.
- Motor base is manufactured using laser cut steel tubing for extra strength and durability.
- Belt guard and foot pedal are detailed with aluminum diamond plate.
- Dual versatile brake may be operated from either side of platform hoist.
- An additional handle may be used to engage the carriage instead of using the foot pedal (#48468 handle kit sold separately).
- A 4 ft. heavy duty aluminum base track utilizes laser cut steel tube support plates for job site toughness.
- Base track features large cast aluminum feet for added stability.
- Dual band brake system for smoother stops.
- Amber colored carriage bumpers to protect against damage and wear from repeated lowering (can be rotated).
- Oversized clip pins for fast and simple removal of quick change cable drum and belt replacement.

Your new Tranzporter Lift Hoist is shipped in 3 boxes and one track section bundle



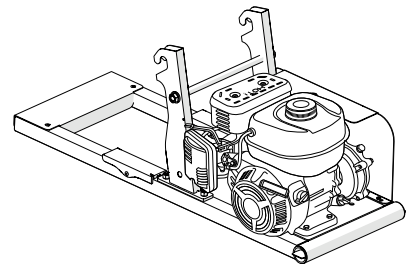
Base Section

Includes: 4ft. Track Base, Cable Drum, Top Cap and Brake Handle.



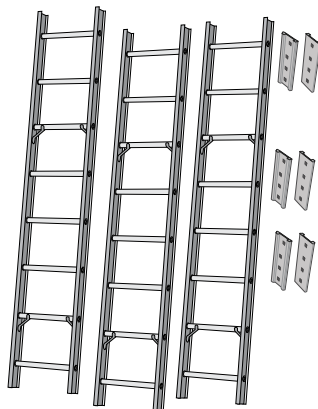
Carriage Base

Includes: Collapsible Carriage and Plywood Attachments.



Engine/Motor Base

Includes: Lifan, Honda engine or Electric motor, engine instructions, warranties and operation manual (in steel tube).



Track Sections

Includes: 3 - 8ft. track sections, 6 splice plates and mounting hardware (installed).

General Safety Instructions:

In order to set up and operate the Tranzporter ladder hoist safely in and around ELECTRIC POWER LINES and be compliant with OSHA Regulations 1926.416(a) , the following must be ascertained prior to setting up the Tranzporter each time for the Protection of Employees .

1926.416 (a)(1): No employer shall permit an employee to work in such proximity to any part of an electric power circuit that the employee could contact the electric power circuit in the course of work, unless the employee is protected against electric shock by unenergized the circuit and grounding it or by guarding it efficiently by insulation or other means.

1926.416 (a)(3): Before work is begun the employer shall ascertain by inquiry or direct observation, or by instruments, whether any part of an energized electric power circuit, exposed or concealed, is so located that the performance of the work may bring any person, tool, or machine into physical or electrical contact with the electric power circuit. The employer shall post and maintain proper warning signs where such a circuit exists. The employer shall advise employees of the location of such lines, the hazards involved, and the protection to be taken.

1926.502 (a) (2): Employers shall provide and install all fall protection systems required by this subpart for an employee, and shall comply with all other pertinent requirements of this subpart before the employee begins the work that necessitates the fall protection.

THE FOLLOWING VIDEO LINKS SHOULD BE THOROUGHLY REVIEWED AND UNDERSTOOD PRIOR TO SETTING UP AND OPERATING, DISMANTLING THE TRANZPORTER LADDER HOIST

Tranzporter Collapsible Carriage Platform Hoist:

<https://www.youtube.com/watch?v=-jF4uT0YcB4>

OSHA Hazards: Fall Protection:

WxTV will set its sights on the number one cause of fatalities on the job site, falls, and what OSHA requires you need to know to protect yourself. Tune in to get the goods on the gear to stay safe and alive.

<https://www.youtube.com/watch?v=z62qFhfT3a4>

OSHA: Fall Protection Training:

<https://www.youtube.com/watch?v=I4XW926vpkA>

OSHA Stairway and Ladder Safety Quiz 2 (15 Questions With Fully Answers):

<https://www.youtube.com/watch?v=Pj4t7QpQXqs>

Standing on the Edge

This video graphically shows how workplace injuries and fatalities can be shocking and life-changing.

<https://www.youtube.com/watch?v=C4S0rAZypzY>

WARNING:

- DO NOT OPERATE THIS EQUIPMENT IF ANY UNSAFE CONDITIONS EXIST OR OCCUR DURING OPERATION.
- KEEP TRACK SECTIONS MINIMUM 10 FT. CLEAR OF ALL ELECTRICAL WIRES AND EQUIPMENT.
- BE AWARE OF OVERHEAD OBJECTS.
- NEVER USE TRACK SECTIONS AS A LADDER.
- NEVER OPERATE HOIST WITH A HUMAN ON PLATFORM.
- NEVER STAND UNDER PLATFORM WHEN LOWERING.
- NEVER USE INDOORS OR IN AN AREA WITH POOR VENTILATION (ELECTRIC MODEL IS EXCLUDED).
- NEVER USE HOIST TO LOWER MATERIAL.
- ALWAYS USE APPROVED ROOF TOP FALL PROTECTION WHEN SETTING UP, OPERATING, AND TAKING DOWN THE TRANZPORTER HOIST.

User Responsibilities

PERFORM THE FOLLOWING AT THE START AND END OF THE WORK DAY AND AFTER 4 HOURS OF OPERATION DURING THE DAY:

- Check oil level in engine and fill according to manufacturer's specifications.
- Check cable for smooth operation and for signs of wear.
- Check for loose bolts and tighten according to specifications.
- Check track sections and all other moving parts for excessive wear or fatigue.
- Check general condition of equipment.
- Check and confirm operator's understanding of the proper operation for this equipment.
- When using the electric motor; check extension cords and connections for wear or damage.
- Check brake parts regularly for wear or damage.
- Check cable drum bearings, they should run smoothly when the brake is released. If there is any noise or if the cable drum does not spin freely, replace drum bearings immediately.
- Check for minimal clearance between outer track cam followers.

General Safety Instructions:

1. Transport and handle your Tranzporter Hoist with care.
2. Unpack the Tranzporter carefully and inspect for any damage that may occur during transportation.
DO NOT USE THE HOIST IF ANY PART IS DAMAGED.
3. Please observe all safety and warning labels attached to the hoist.
4. Use only replacement parts furnished by the manufacturer.
5. Always keep the area around the base section of the Tranzporter Hoist clear to help prevent slipping, tripping or falling against the hoist.
6. **DO NOT ALLOW ANYONE TO OPERATE THE TRANZPORTER HOIST WHO HAS NOT BEEN THOROUGHLY AND PROPERLY TRAINED IN THE CORRECT OPERATION AND USE OF THIS HOIST.**
7. This hoist is manufactured to lift materials only. Do not use the Tranzporter Hoist for the purpose of transporting personnel from one level to another.
8. Do not climb the TP-Series hoist or use as a personnel ladder.
9. **DO NOT OVERLOAD:**
 - Maximum lifting capacity for the TP250 is 250 lbs. with a load capacity of 230 lbs.
 - Maximum lifting capacity for the TP400 is 400 lbs. with a load capacity of 380 lbs.
10. Keep hands, feet and other body parts as well as clothing away from the track sections and moving or rotating parts of the Tranzporter Hoist when starting the engine or when operating the hoist.
11. Do not allow any persons to walk or work under or near the Tranzporter Hoist while in operation.
12. Do not use this hoist to transport hot asphalt or any other hot molten substance from one elevation to another.

General Safety Instructions (Continued):

13. Store all parts of the Tranzporter Hoist in such a fashion as not to damage any of the components.
14. Do not operate indoors or in an area with poor ventilation. Electric motor model is excluded.
15. Never lift sheet or panel goods without the use of the plywood brackets and the tie down straps provided (See page 17).

CAUTION: Please read the safety warnings and Instructions contained in this manual before operating the lift hoist. Failure to obey the warnings contained herein could result in damage to the equipment, personal injury, or death, this information should not be a substitute for routine accident prevention, but rather an addition to routine accident prevention.

Warning labels are attached to the TP250/400 and are weather resistant. If you notice any of these decal's missing from your hoist, please contact TIE DOWN for a replacement label.

Instructions Inside Tube
(Remove Red End Cap to Read)

⚠ WARNING ⚠ WARNING ⚠ WARNING ⚠

FAILURE TO READ AND UNDERSTAND THE OPERATING INSTRUCTIONS CAN RESULT IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH TO USER OR OTHERS

⚠ WARNING ⚠

Electrical Overhead Wires Kill!

Always look left and right for all overhead electrical wires during set up and take down.

Set Up

Take Down

⚠ WARNING ⚠

Electrical Overhead Wires Kill!

Look for overhead electrical wires during set up and take down of the track sections. Always maintain minimum 10 ft. safe distance, front to back, left to right, and underneath electric wires.

Set Up

Take Down

⚠ IMPORTANT SAFETY INFORMATION ⚠

- TOP OF HOIST MUST BE SECURED TO ROOF USING "S" HOOKS (PROVIDED) AND TWO LENGTHS OF ROPE (NOT PROVIDED)
- BRAKE TENSION SPRINGS MUST BE CHECKED FOR CORRECT TENSIONING DAILY (BEFORE USE) IN ORDER TO PREVENT LOAD SLIPPAGE
- KEEP BRAKE DRUMS AND BRAKE SHOES FREE OF OIL, LUBRICANTS, AND EXCESSIVE MOISTURE, CHECK FOR DAILY WEAR AND REPLACE WHEN NECESSARY
- DO NOT OPERATE THIS UNIT IF ANY COMPONENT PARTS EXHIBIT DAMAGE OR WEAR. THIS INCLUDES ALL TRACK SECTIONS

DO NOT REMOVE THIS TAG!

⚠ WARNING ⚠

Electrical Overhead Wires Kill!

Look for and locate all overhead electrical wires before handling or moving track sections during assembly and tear down.

ALWAYS WORK AWARE

Always maintain minimum 10 ft. safe distance, front to back, left to right, and underneath electric wires.

If a minimum safe distance (10 ft.) from electrical wires cannot be maintained, contact the local utility company and have the electric wires deenergized and grounded or guarded effectively by insulation or other means.

⚠ WARNING ⚠

SHOCK HAZARD

KEEP ENTIRE LIFT HOIST CLEAR OF ALL UTILITY AND ELECTRICAL WIRING!

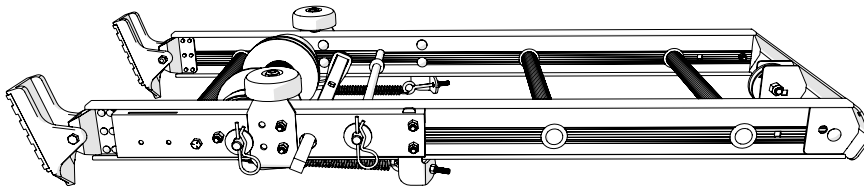
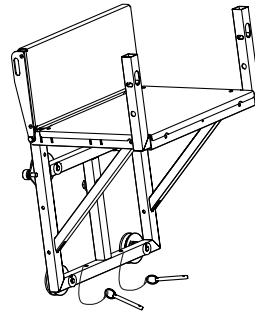
DO NOT REMOVE THIS TAG!

Assembly Instructions for the TP250 Hoist

Instructions for the TP400 Hoist skip to page 9

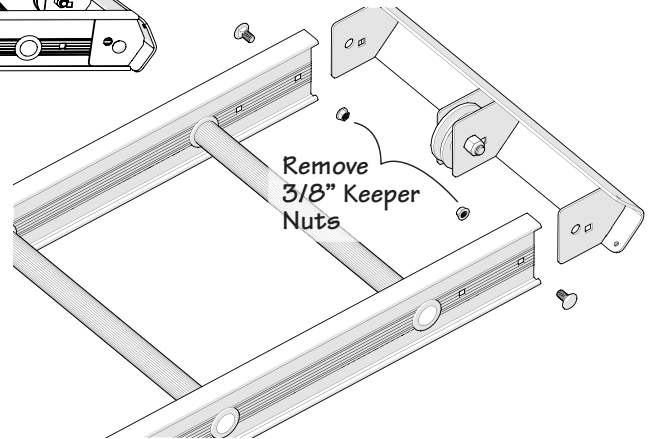
Step 1

If you have not already assembled the carriage assembly, **Stop Now. You must first assemble the carriage,** follow the assembly instructions included in the #2 Box - "Collapsible Carriage & Plywood Attachments".



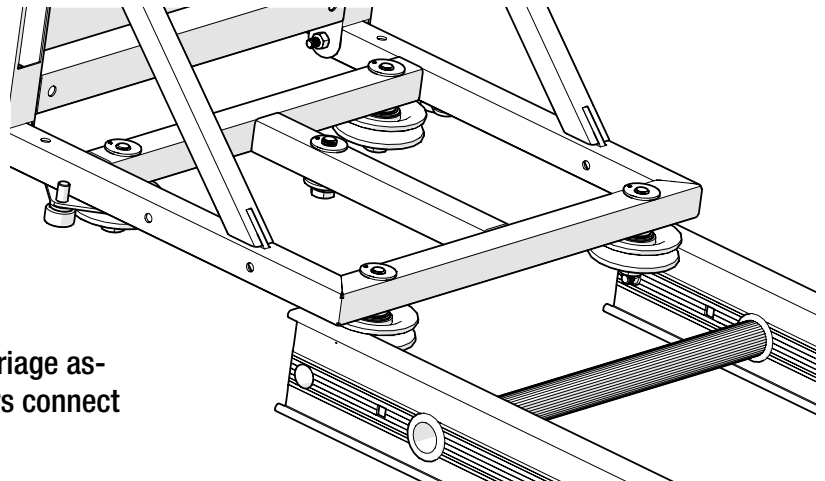
Step 2

Remove base section from its box and place on a clean floor or assembly area. Remove the top cap with a 7/16\" wrench (one bolt/nut on each side).



Step 3

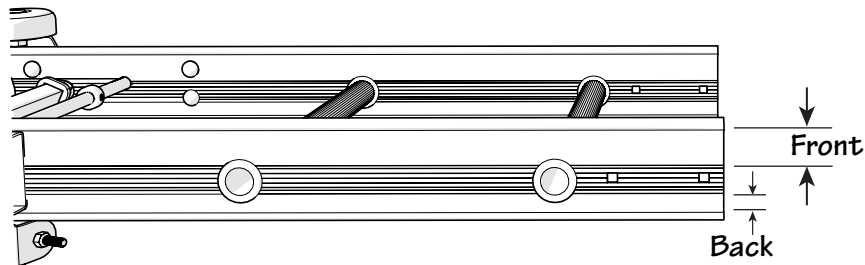
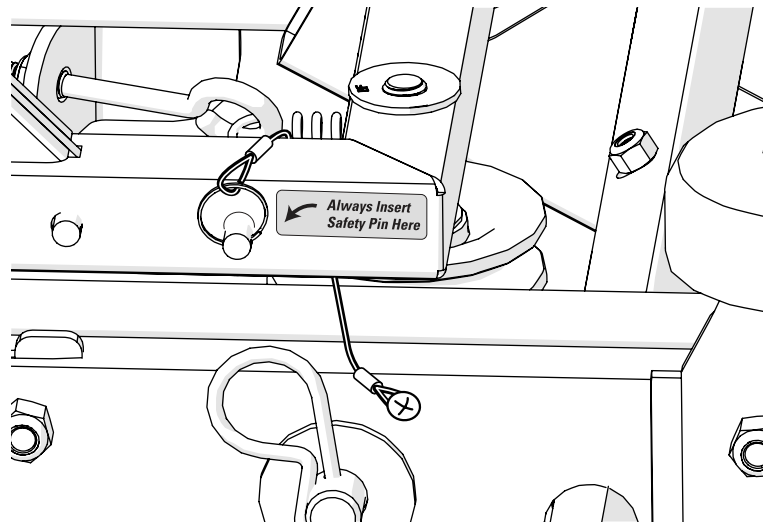
Starting at the top of the track section slide carriage assembly onto track section so that the four rollers connect to the top rail of the track section.



Step 4

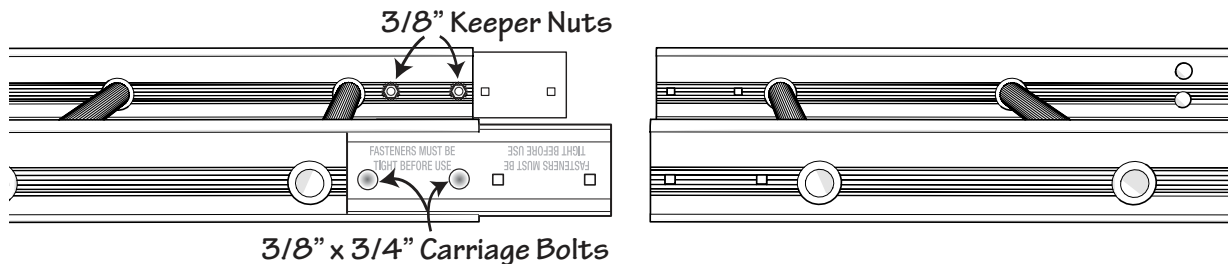
“Roll” carriage assembly onto the base. At this time lock the base in place using the Safety Pin as shown. Be sure to loop the lanyard over the carriage base as shown.

Important: Always check for wear or damage to the safety pin cable/pull ring assembly. Failure to replace damaged safety pin cable assembly may cause damage or personal injury.



Step 5

Lay one track section on a flat floor with the “front” side up. This is determined by the space between the track cross bar and the track section edge as shown above.



Step 6

Attach splice plates to the bottom section of the track. Splice plates are mounted on the outside track section. Slide the top section track into the grooves on the inside track section, attach with 2 nuts and bolts per side (See above). Ensure bolts and nuts are torqued to 30 ft.-lbs.

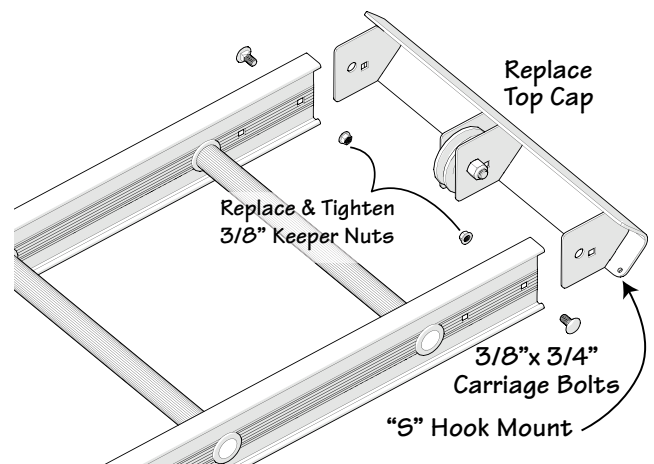
NOTE: DO NOT SUBSTITUTE NUTS AND BOLTS

Use 3/8"x 3/4" carriage bolts and 3/8" keeper nuts (lock washer and nut combined).

Step 7

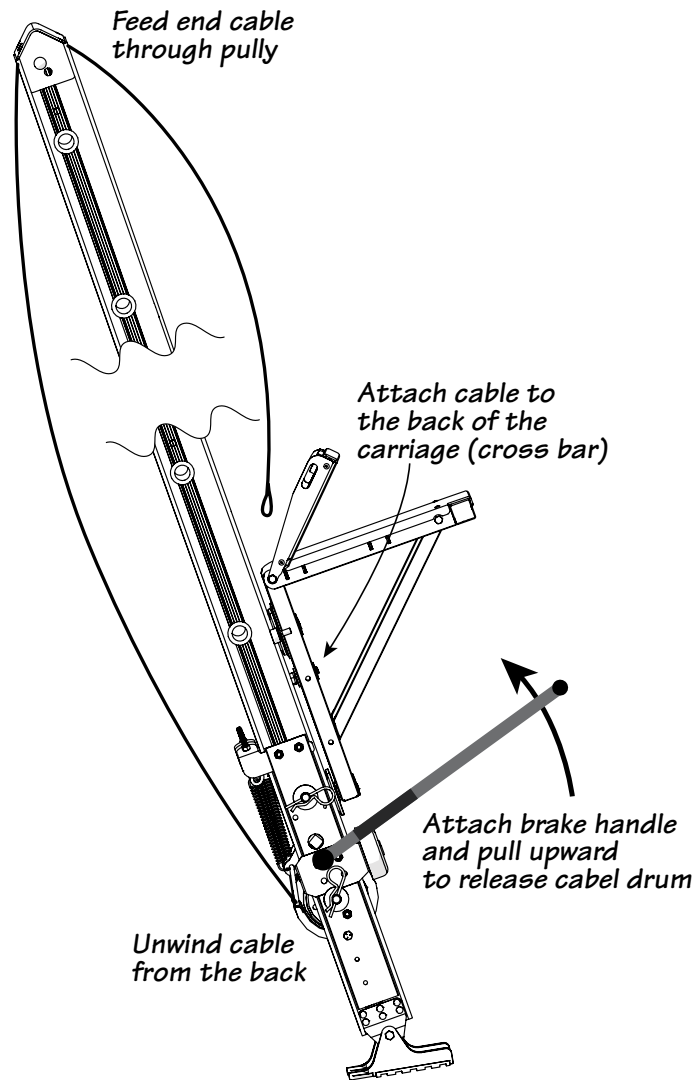
Reattach the top cap to the end of the last section of track section you intend to use. Assemble with two 3/8"x 3/4" carriage bolts with keeper nuts provided. Make sure that the top cap end slides into the outside of the track section (shown right). Ensure bolts and nuts are torqued to 30 ft.-lbs.

Important: Make sure the mounting hole for the “S” hook is located on the back of the hoist assembly.



Step 8

Turn the hoist on its side, and working from the back, remove the end of the cable from the drum (shown right). ***It helps to attach the brake handle, use the brake handle to release the brake drum.*** The cable will then easily un-spool. Staying on the outside (back) of the base section and track section, take the cable to the top of the last track section where the top cap pulley is attached.

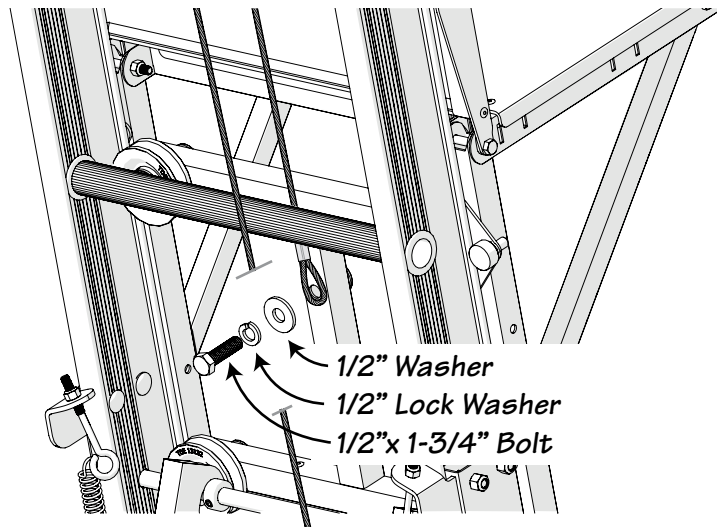


Step 9

Feed the cable end through the pulley as shown above, and down the front side of the track section to the back of the carriage assembly.

Step 10

Attach cable to the carriage assembly, pass bolt through lock washer, washer and cable end/eye. Tighten bolt as shown right.



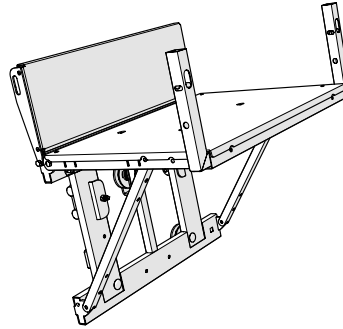
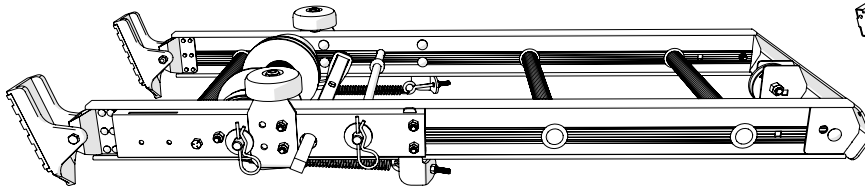
You have completed the assembly of the TP250 Hoist
Skip to page 12 for Operation and Placement Instructions.

Assembly Instructions for the TP400 Hoist

Congratulations on purchasing the Tranzporter TP400 Hoist. Please read the following instructions completely before starting assembly.

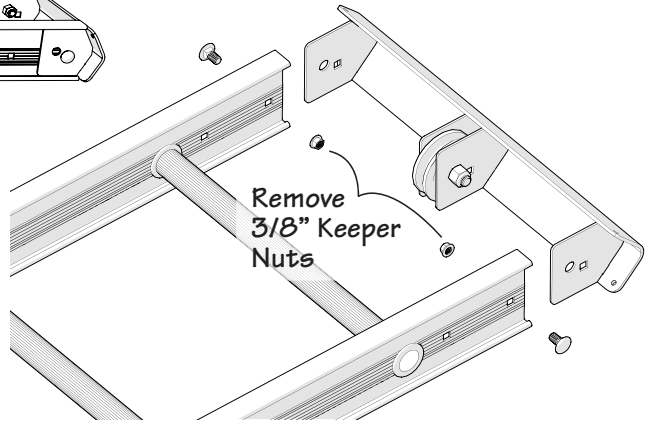
Step 1

If you have not already assembled the carriage assembly, **Stop Now. You must first assemble the carriage,** follow the assembly instructions included in the #2 Box - "Collapsible Carriage & Plywood Attachments".



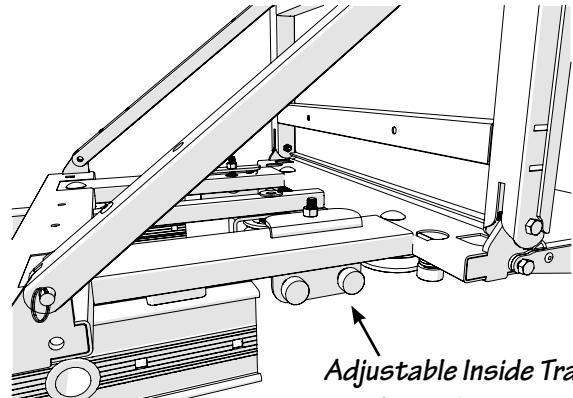
Step 2

Remove base section from its box and place on a clean floor or assembly area. Remove the top cap with a 7/16" wrench (one bolt/nut on each side).



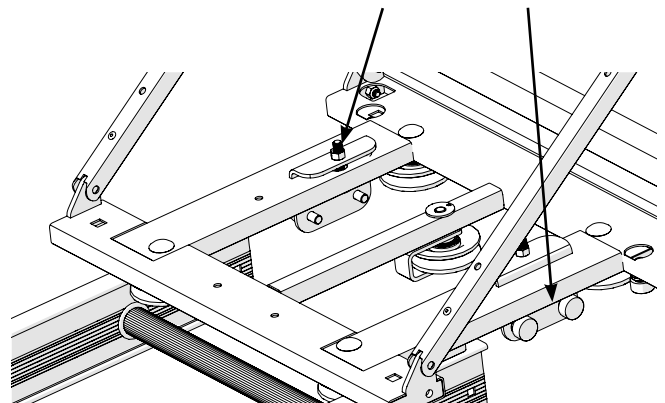
Step 3

Starting at the top of the track section slide carriage assembly onto track section so that the four rollers connect to the top rail of the track section.



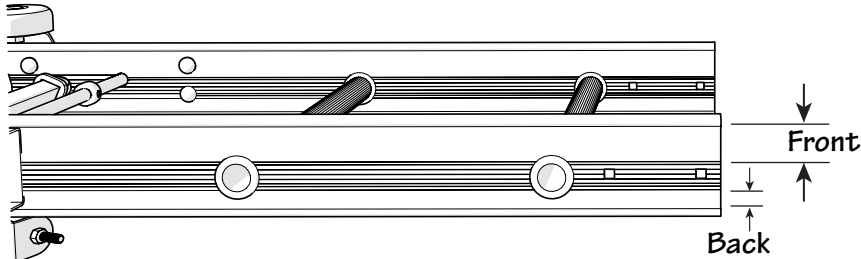
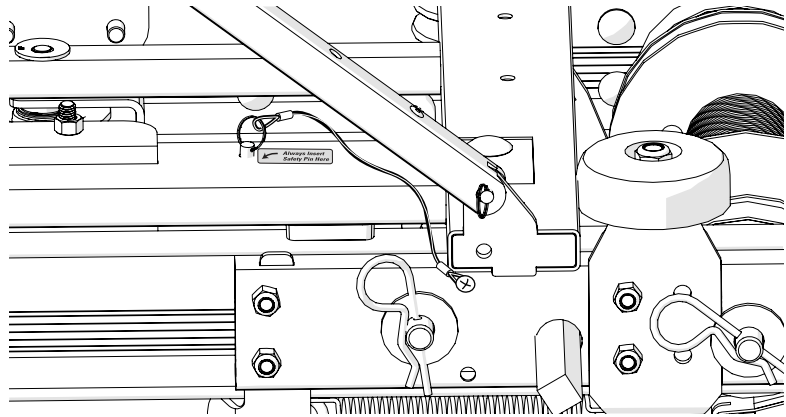
Step 4

Adjust Tension Bracket - Make sure the TP400 carriage rollers are on track, and the carriage rolls easily. There are two adjustable track roller guides on the inside carriage assembly (see right). Turn the nut clockwise/counter clockwise the adjust the tension (free play) between the carriage and the tracks. If the carriage moves too much in and out, tighten the adjustable tension bracket nut. Correct adjustment should a low for minimal contact between the carriage and the tracks



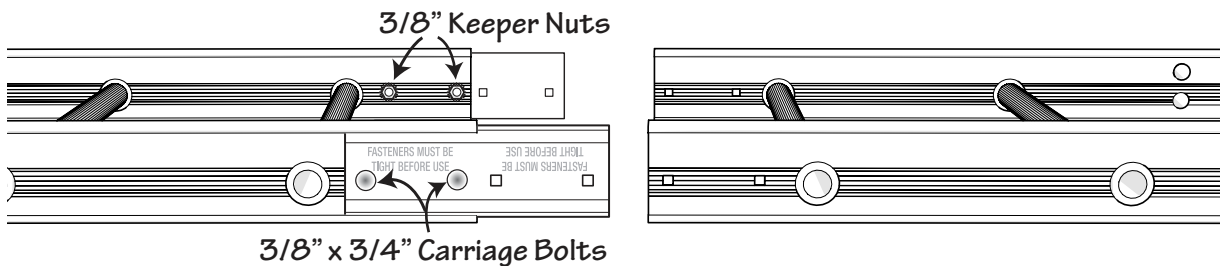
Step 5

“Roll” carriage assembly onto the base. At this time lock the base in place using the Safety Pin as shown. Important: Always check for wear or damage to the safety pin cable/pull ring assembly. Failure to replace damaged safety pin cable assembly may cause damage or personal injury.



Step 6

Lay one track section on a flat floor with the “front” side up. This is determined by the space between the track cross bar and the track section edge as shown above.



Step 7

Attach splice plates to the bottom section of the track. Splice plates are mounted on the outside track section. Slide the top section track into the grooves on the inside track section, attach with 2 nuts and bolts per side (shown above). Ensure bolts and nuts are torqued to 30 ft.-lbs.

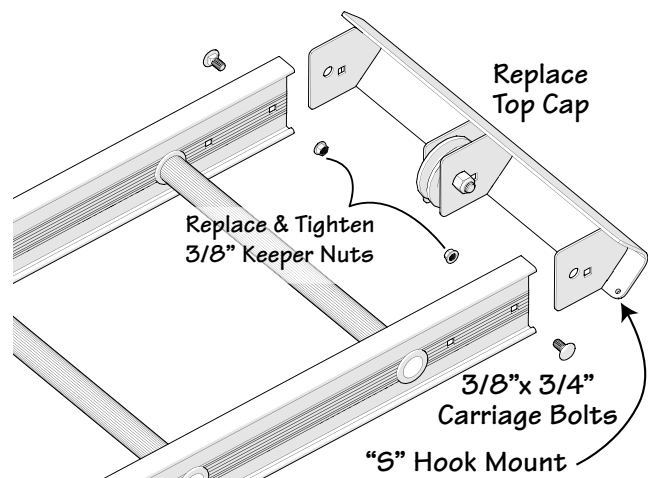
NOTE: DO NOT SUBSTITUTE NUTS AND BOLTS

Use 3/8"x 3/4" carriage bolts and 3/8" keeper nuts (lock washer and nut combined).

Step 8

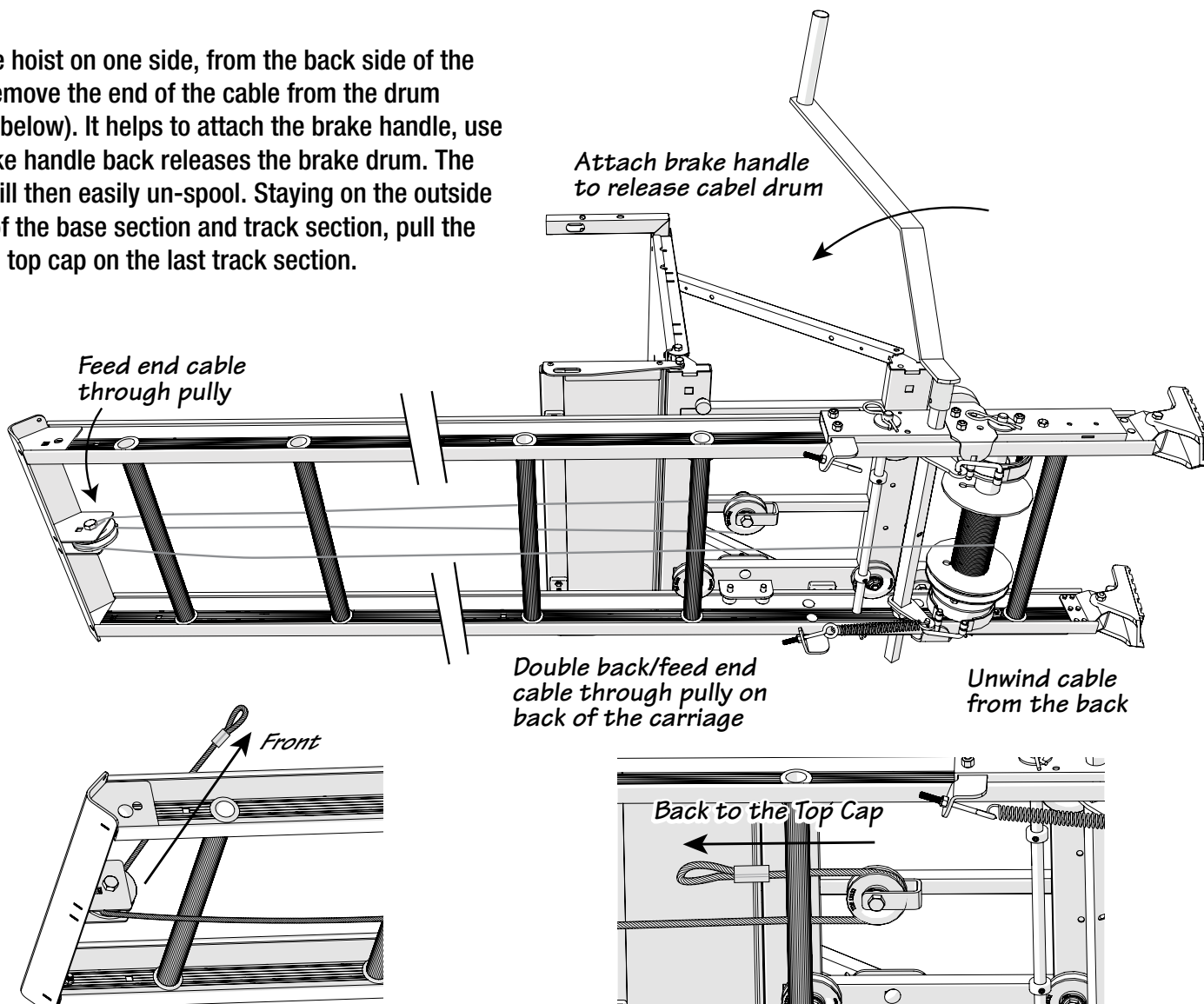
Reattach the top cap to the end of the last section of track section you intend to use. Assemble with two 3/8"x 3/4" carriage bolts with keeper nuts provided. Make sure that the top cap end slides into the outside of the track section (shown right). Ensure bolts and nuts are torqued to 30 ft.-lbs.

Important: Make sure the mounting hole for the “S” hook is located on the back of the hoist assembly.



Step 9

Turn the hoist on one side, from the back side of the hoist, remove the end of the cable from the drum (shown below). It helps to attach the brake handle, use the brake handle back releases the brake drum. The cable will then easily un-spool. Staying on the outside (back) of the base section and track section, pull the cable to top cap on the last track section.

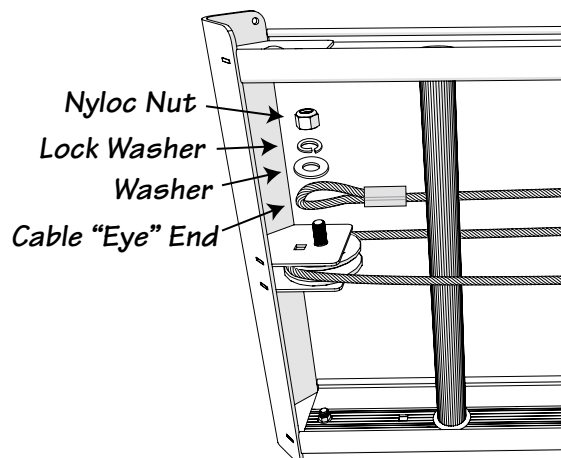


Step 10

Feed the cable end through the pulley from the back as shown above, return the cable to the back side of the carriage.

Step 11

Feed the cable end through the pulley on back of TP400 carriage. Return the cable end to the top cap.



Step 12

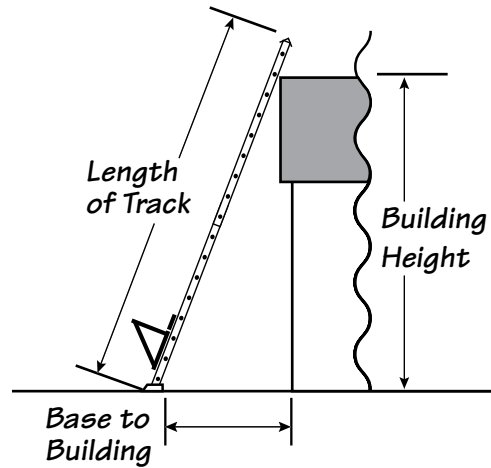
Remove the nyloc nut/washer/lock washer, from the top cap assembly, place the eye end over the bolt, replace the washer/lock washer and tighten the nyloc nut as shown right.

You Have Completed the TP 400 Carriage Assembly

Hoist Placement and Operational Instructions

Track Section Chart: Brace Support and Proper Set Up Distance at Job Site

This table provides the suggested information for the distance of the bottom track from the building and the location of the track support for various conditions. Track lengths in excess of 28 feet require the use of the telescoping brace (#60005).



Building Height	Length of Track	Base To Building	Track Brace Location Cross Tie from Bottom
12'	16'	4'-6"	Not Required
16'	20'	5'-0"	Not Required
20'	24'	6'-6"	Not Required
24'	28'	6'-6"	Not Required
28'	32'	7'-6"	11th and 13th
32'	36'	8'-0"	14th and 16th
36'	40'	9'-0"	19th and 21st
40'	44'	10'-0"	26th and 25th
42'	44'(max)	10'-6"	25th and 27th

⚠ WARNING ⚠

Electrical Overhead Wires Kill!

Look for and locate all overhead electrical wires before handling or moving track sections during assembly and tear down.

Always maintain minimum 10 ft. safe distance, front to back, left to right, and underneath electric wires.

ALWAYS WORK AWAY

If a minimum safe distance (10 ft.) from electrical wires cannot be maintained, contact the local utility company and have the electric wires deenergized and grounded or guarded effectively by insulation or other means.

⚠ WARNING ⚠

SHOCK HAZARD

KEEP ENTIRE LIFT HOIST CLEAR OF ALL UTILITY AND ELECTRICAL WIRING!

DO NOT REMOVE THIS TAG!

⚠ IMPORTANT SAFETY INFORMATION ⚠

- TOP OF HOIST MUST BE SECURED TO ROOF USING "S" HOOKS (PROVIDED) AND TWO LENGTHS OF ROPE (NOT PROVIDED)
- BRAKE TENSION SPRINGS MUST BE CHECKED FOR CORRECT TENSIONING DAILY (BEFORE USE) IN ORDER TO PREVENT LOAD SLIPPAGE
- KEEP BRAKE DRUMS AND BRAKE SHOES FREE OF OIL, LUBRICANTS, AND EXCESSIVE MOISTURE, CHECK FOR DAILY WEAR AND REPLACE WHEN NECESSARY
- DO NOT OPERATE THIS UNIT IF ANY COMPONENT PARTS EXHIBIT DAMAGE OR WEAR. THIS INCLUDES ALL TRACK SECTIONS

DO NOT REMOVE THIS TAG!