



PLATFORM HOIST INSTRUCTIONS

(Applies to P/N's 0403225, 0403226, 0403227, 0403228, 0401400, 0401403, 0410164)



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1. Pre-Hoisting Checklist

This checklist must be checked prior to each use of the power drive. This checklist is to be used as a guideline in conjunction with the maintenance and inspection procedures outlined in this manual. The power drive and related equipment must be thoroughly inspected prior to each use by a trained person. A trained person is one who has read and thoroughly understands this instruction manual and related equipment manuals and, through training and experience, has shown knowledge regarding the safe operational procedures. If you do not have such a person in your organization, please contact Reimann & Georger Corporation or its distributors and they will assist you in providing such a “trained person.” Do not permit any person who is not fully trained to operate this power drive. It is recommended that this checklist be maintained as a permanent record.

- ☐ Discuss work plan, personal protective equipment, and each crew member’s responsibility before starting to set-up.
- ☐ Ensure OSHA compliant fall protection is in place.
- ☐ Ensure hoisting operation will clear all power lines and obstructions.
- ☐ Ensure hoisting area is secured from all unauthorized personnel.
- ☐ Ensure the track is securely tied to the roof to prevent track from slipping.
- ☐ Ensure that both track shoes are resting on a firm level surface to prevent track slippage or uneven loading.
- ☐ Ensure the load does not exceed the rated load capacity of the hoist model being used.
- ☐ Ensure all structural members of the power drive are free of defects and damage that may affect the integrity of the power drive.
- ☐ Inspect wire rope for signs of wear and damage. Replace defective wire rope immediately.
- ☐ Ensure that at least three wraps of wire rope are on the power drive winch drum at maximum travel.
- ☐ Ensure that the brakes are in good condition.
- ☐ Ensure wire rope is reeved properly for either one (1) part of line for the 200lb/250lb capacity hoists or two (2) parts of line for the 400lb capacity hoist.
- ☐ Ensure that track support has been properly installed for track lengths over 28 feet.
- ☐ Ensure that the bottom of the track is away from the building 1/4 of the supported height plus the building overhang.
- ☐ Ensure that all bolts and nuts are tightened securely.
- ☐ Ensure all sheaves can rotate freely.
- ☐ Ensure safety latch on the hook does not support any load.
- ☐ Ensure power drive has been properly maintained.
- ☐ Operate hoist with no load to test hoisting operation, controls, and power drive.
- ☐ Check oil level in both the crankcase and reducer of all gas engine powered units. See chapter 4.2.1 & chapter 6.

INSPECTOR: _____ DATE: _____

2. SAFETY

2.1. INTRODUCTION

Your Reimann & Georger Corporation Platform Hoist Drive has been engineered to provide lifting performance, long term economics and safety advantages that no other type can match. However, even well-designed and well-built equipment can malfunction or become hazardous in the hands of an inexperienced and/or untrained user. Therefore, read this manual and related equipment manuals thoroughly before operating your lift to provide maximum safety for all operating personnel, and to get the maximum benefit from your equipment.

2.2. SAFETY DEFINITIONS

A safety message alerts you to potential hazards that could hurt you or others or cause property damage. The safety messages or signal words for product safety signs are **DANGER**, **WARNING**, and **CAUTION**. Each safety message is preceded by a safety alert symbol and is defined as follows:

DANGER: Indicates an imminently hazardous situation that, if not avoided, **will** cause death or serious injury. This safety message is limited to the most extreme situations.

WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in death or serious injury.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in minor or moderate injury. It may also be used to alert against unsafe practices and property-damage-only accidents.

2.3. EQUIPMENT SAFETY LABELS

These labels warn you of potential hazards that could cause injury. Read them carefully. If a label comes off or becomes illegible, contact Reimann & Georger Corporation for a free replacement.

2.4. EQUIPMENT AND PERSONNEL SAFETY

1. Operators must be trained before operating this power drive. A trained person is one who has read and thoroughly understands this instruction manual and related equipment manuals and, through training and experience, has shown knowledge regarding the safe operational procedures.
2. Prior to setting up the power drive there must be a plan of action outlining the work to be accomplished, individual responsibilities, personal protective equipment, and method of communication.
3. All personnel shall be protected by OSHA compliant fall protection where applicable.
4. Never use the power drive or hoist structure to anchor lifelines, worker harnesses, or other attachments.
5. **Always** use safety footwear, safety glasses, and head protection devices.
6. A good line of communication must be maintained between the power drive operator and the roof crew.
7. Hoisting area is to be kept clear of unauthorized personnel at all times. Place barricades or secure the area in such a manner that if there were an equipment failure, no personnel would be injured.
8. Hoisting area is to be clear of power lines. Consult power company before you work near power lines.
9. Follow the Pre-Hoisting Checklist before operating.
10. Wear heavy leather gloves when handling wire rope. Inspect wire rope for damage, wear, or unraveling. Replace as necessary.
11. Check all hooks and sheaves. Replace as necessary.
12. Ensure all structural members of the power drive are free of defects and damage that may affect unit integrity.
13. Secure load before lifting.
14. Do not remove material from the platform until it has stopped completely.
15. Keep out from under a raised load.
16. Never stand in-line with the raising or lowering of the platform at either the top or bottom of the hoist track.
17. Never hoist over an open doorway.
18. Never exceed the Rated Load Capacity for the platform hoists. The Rated Load Capacity as posted on the platform is the maximum load that should ever be applied to the hoist.
19. Before lifting, ensure the safety latch on the hook is not supporting any load. Never hoist over an open doorway.
20. Avoid sudden stops and shock loads.

21. No person shall be allowed to ride on the hoist.
22. NEVER climb the track; use a ladder.
23. Check the hoist periodically during operation. Know how to stop the power drive quickly in case of emergency.
24. If the engine fails during operation, release control levers to prevent load from falling.
25. Do not attempt to make adjustments while the hoist is being operated.
26. Keep all body parts clear of moving parts.
27. Do not operate power drive when under the influence of drugs, alcohol, or medication.
28. At end of operation, the power drive and hoist should be secured to prevent unauthorized use. Never assume you will find the hoist in the same condition in which you left it.
29. Do not weld or otherwise modify the power drive. Such alterations may weaken the structural integrity of the power drive and invalidate your warranty.
30. Only trained personnel are authorized to do repairs.
31. Only trained personnel shall operate this equipment. A trained person is one who has read and thoroughly understands this instruction manual and related equipment manuals and, through training and experience, has shown knowledge regarding the safe operational procedures.
32. Obey all safety labels provided on your power drive. These labels warn you of potential hazards that can cause serious injury. If a label comes off or becomes hard to read, contact Reimann & Georger Corporation for a replacement.
33. Follow the Pre-hoisting Checklist in the front of this manual before operating.

3. SPECIFICATIONS

3.1. Complete System Specifications

16 foot: includes drive unit, 8' base track section with shoes, additional 8' track section with splice plates, platform, and top bracket.

28 foot: includes drive unit, 8' base track section with shoes, (2) additional 8' track sections with splice plates, additional 4' track section with splice plates, platform, and top bracket.

44 foot: includes drive unit, 8' base track section with shoes, (4) additional 8' track sections with splice plates, telescoping support, additional 4' track section with splice plates, platform, and top bracket.

44 foot Pivoting Platform Hoist: includes drive unit, 8' base track section with shoes, (4) additional 8' track sections with splice plates, telescoping support, additional 4' track section with splice plates, curved track section, pivoting platform, and top bracket.

3.2. Drive Unit Specifications

Refer to drive unit manual.

3.3. Platform Specifications

Part Number	0403226	0403228	0401400	0410164
Description	200lb Platform Assembly	250lb Platform Assembly	400lb Platform Assembly	400lb Pivoting Platform Assembly
Weight Capacity (lb)	200	250	400	400
Approx. Platform Dimensions	17"x18"		24"x28"	28"x29"
Track width	17"	17"	24"	24"
Max lowering speed	60 ft/min			
Wire rope	Ø5/32 7x19 galvanized aircraft cable			

3.4. NAMEPLATE AND SERIAL NUMBER TAG

It is important to identify your platform hoist completely and accurately when ordering spare parts or requesting service. There is a product nameplate on the platform, which shows the following information. Record it here for future reference.

MODEL _____

SERIAL NUMBER _____

CAPACITY RATING _____



3.5. OPTIONAL EQUIPMENT

The following platform options are available.

1. **Solar Panel Carrier** – securely hold up to 5" thick of solar panels
2. **Plywood/Truss Carrier** – ideal for 4'x8' sheets
3. **Gravel Hopper (for 400 lb track only)**
4. **Roller Angle Guide (400 lb track only)** – moves roofing material away from the edge of the roof; especially useful on flat and shallow sloped roofs

4. INSTALLATION AND SETUP

4.1. SAFETY



WARNING:

ENSURE THAT OSHA COMPLIANT FALL PROTECTION IS IN PLACE.



WARNING:

PRIOR TO SETTING UP THE HOIST THERE MUST BE A PLAN OF ACTION OUTLINING THE WORK TO BE ACCOMPLISHED, INDIVIDUAL RESPONSIBILITIES, PERSONAL PROTECTIVE EQUIPMENT, AND THE METHOD OF COMMUNICATION. FAILURE TO DO THIS CAN RESULT IN DEATH, SERIOUS PERSONAL INJURY OR EQUIPMENT FAILURE.



WARNING:

A GOOD LINE OF COMMUNICATION MUST BE MAINTAINED BETWEEN THE HOIST OPERATOR AND THE ROOF CREW.



WARNING:

NEVER CLIMB ON THE TRACK. THIS CAN CAUSE SERIOUS PERSONAL INJURY OR DEATH. USE A LADDER.



WARNING:

THE HOISTING OPERATION MUST BE CLEAR OF ALL ELECTRICAL LINES AND OBSTRUCTIONS TO PREVENT EQUIPMENT DAMAGE AND/OR SERIOUS PERSONAL INJURY. CONSULT POWER COMPANY BEFORE WORKING NEAR POWER LINES.



WARNING:

WEAR HEAVY LEATHER GLOVES WHEN HANDLING WIRE ROPE. INSUFFICIENT HAND PROTECTION WHEN HANDLING WIRE ROPE CAN CAUSE SERIOUS PERSONAL INJURY.



WARNING:

ENSURE THAT ALL BOLTS AND NUTS ARE TIGHTENED SECURELY TO PREVENT EQUIPMENT DAMAGE AND/OR SERIOUS INJURY.



WARNING:

USING DEFECTIVE WIRE ROPE CAN CAUSE EQUIPMENT DAMAGE, SERIOUS PERSONAL INJURY, OR DEATH.

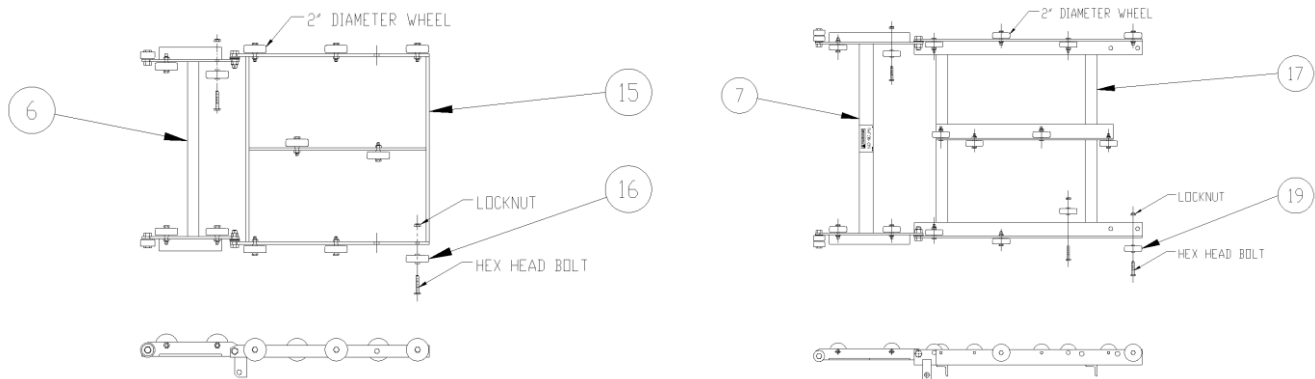


WARNING:

MAKE SURE THAT BOTH TRACK SHOES ARE RESTING ON A FIRM, LEVEL SURFACE. THIS PREVENTS TRACK SLIPPAGE OR UNEVEN LOADING OF TRACK WHICH CAN CAUSE EQUIPMENT DAMAGE OR PERSONAL INJURY.

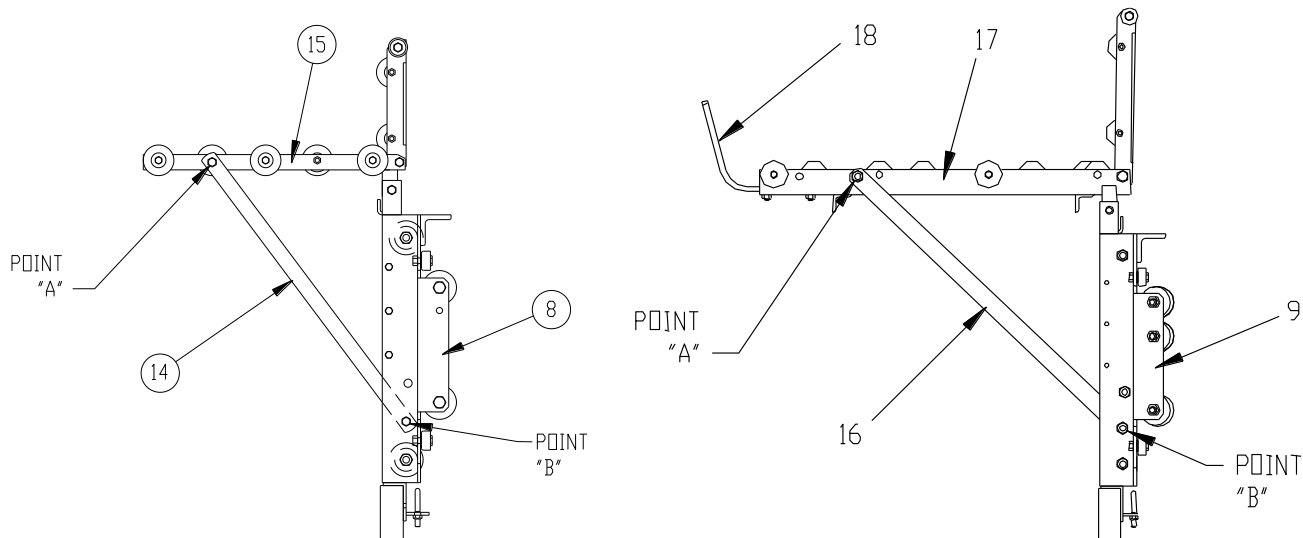
4.2. Completing the Platform Assembly

The 200lb, 250lb, and 400lb platform assemblies have an optional unload feature that can be easily added by following the wheel placement guide below. Use the included hardware to bolt the 2" diameter wheels to the platform using 1/4x1-1/2" hex head bolts and locknuts. Make sure all locknuts are facing the inside of frame members where applicable. Failure to follow these instructions may cause damage to the material being unloaded.



200/250 lb platform wheel placement (left) / 400 lb platform wheel placement (right)

Fasten the two support braces onto the platform at Point A with 3/8x1" bolts and nuts. Attach to the main frame at Point B. Attach the platform stops (18) if required. Tighten all bolts securely.

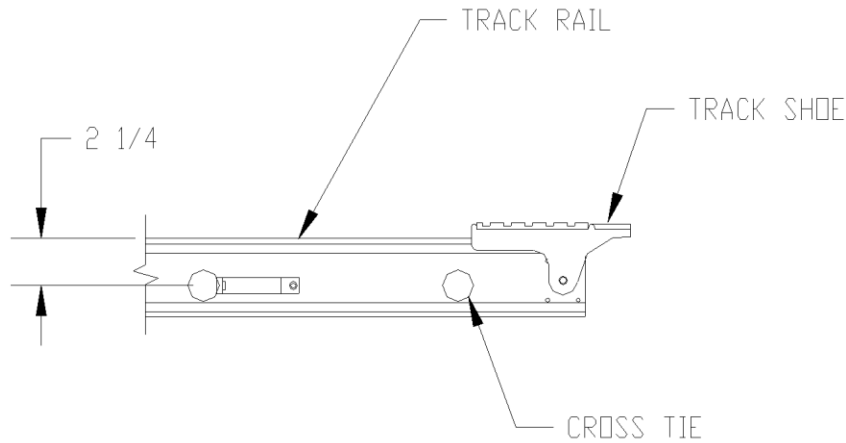


200/250 lb platform brace (left) / 400 lb platform brace and end stop (right)

4.3. Customize the Platform

If using the plywood/truss carrier, gravel hopper, or solar panel carrier, affix it to the platform at this time.

4.4. Mounting Platform to Track



1. Locate the track base section, which has track shoes. Lay this on the ground as shown above. Note the offset cross ties, which leave room for the platform on the top rail of the track.
2. Slide the assembled platform onto the track base section, from the end that does not have track shoes. The bumper is oriented toward the track shoes.
3. Check that the platform's bumper is in good condition, and that the wheels are making proper contact with the track:
 - a. On 200/250 lb models, all four wheels should contact the top of the rails with application of light pressure.
 - b. On the 400 lb model, the upper and middle wheels should contact the rails without application of light pressure. With light pressure, the middle and lower wheels should contact the rails.
4. Ensure the platform rides smoothly on the track. Secure the platform near the track shoes, e.g. by tying with a length of rope, during installation.

4.5. Assembling the Track Sections

First, determine what length of track is required for the lifting operation.

Height to roof or parapet (ft)	Length of Track (ft)	Base of Track to Building (ft)	Track Support Location —Cross Tie Number From Base of Track
40	44	10' 0"	20 th
36	40	9' 0"	18 th
32	36	8' 0"	15 th
28	32	7' 0"	13 th
24	28	6' 0"	Not Required
20	24	5' 0"	Not Required
16	20	4' 0"	Not Required
12	16	3' 0"	Not Required

Track lengths over 28 feet require the use of the track support. The base of track to building distance must be increased by the amount of any overhang on the building on which the hoist is being used.

Select the track sections that will make the required track length. Bolt these together with splice plates. Ensure all connections are tight. Additional track sections and track supports are available.

Slide the top bracket into the end of the top track section, aligning the mounting holes on the top bracket with those on the track. Bolt securely to the track using the four 3/8 x 3/4" carriage bolts and four 3/8" wing nuts provided. The track is now ready to be raised to its operating position.

4.6. Reeving the Hoist (routing the wire rope)

1. With the drive unit not yet connected to the track, lower the drive unit's handle and play out wire rope. Run the wire rope to the top bracket, over the sheave, and back down to the platform. For 200#/250# units, the wire rope connects to the platform. For 400# units, run the wire rope over the platform sheave and back up to the top bracket.
2. While reeving, inspect the wire rope for signs of damage. Ensure all sheaves rotate freely. The winch drum must have at least three full wraps of wire rope.

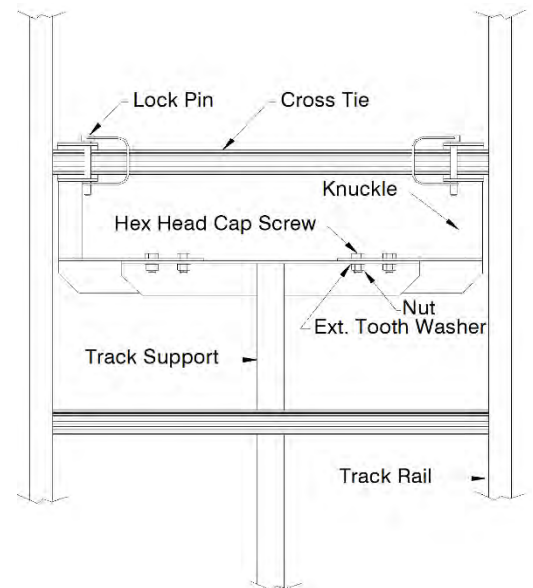
Note: for Pivoting Platform Hoist, see section 4.11.

4.7. Raising the Track

1. Double check for electrical lines! The hoist conducts electricity.
2. Lay the assembled track on the ground parallel to the building wall that will support the track.
3. A person on the roof lowers a tether rope from the roof. Attach the rope to the top bracket to pull the track, while a person on the ground braces the track shoes. This person assists by pulling up on the track near the base. Depending on building geometry, it may be helpful to brace the track shoes against the base of the building as well.
4. An additional person on the ground may walk the track up, hand over hand.
5. When the track reaches vertical, turn the track 90° to position the platform away from the building. Move the bottom of the track to the correct position away from the building, 1/4 of the height of the track after accounting for overhangs.
6. Secure the track to the roof with a rope connected to the top bracket or cross ties.
7. Remove the rope that was used to secure the platform to the track.

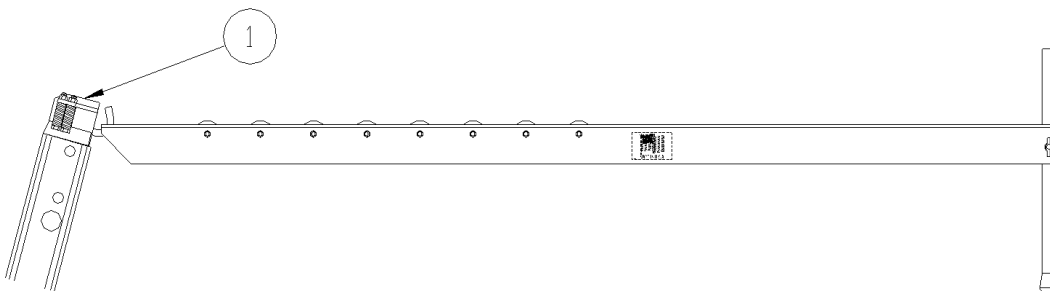
4.8. Track Supports (for 32' and longer tracks)

1. Refer to the table above to determine on which rung the telescoping track support is to be installed.
2. Securely fasten the track support's knuckles and flanges using four 3/8"x3/4" bolts, nuts and external tooth lock washers. Align the outermost pairs of mounting holes to make the knuckles flush with the end of the corresponding flange.
3. Use a ladder (not the track!) to raise the track support and knuckle assembly to the selected track cross tie. Fasten the track support knuckles to the cross tie using the provided lock pins.
4. Loosen the front and side lock screws at the top and/or bottom of the track support column to telescope the support to the ground, depending on how much support length you need. Retighten the lock screws.



4.9. Roller Angle Guide Accessory

The roller angle guide fits onto hooks provided on the #1 top bracket. It is equipped with conveyor wheels to carry and store material away from the platform discharge on shallow inclines. If using the roller angle guide, install it at this time.



4.10. Mounting the Power Drive

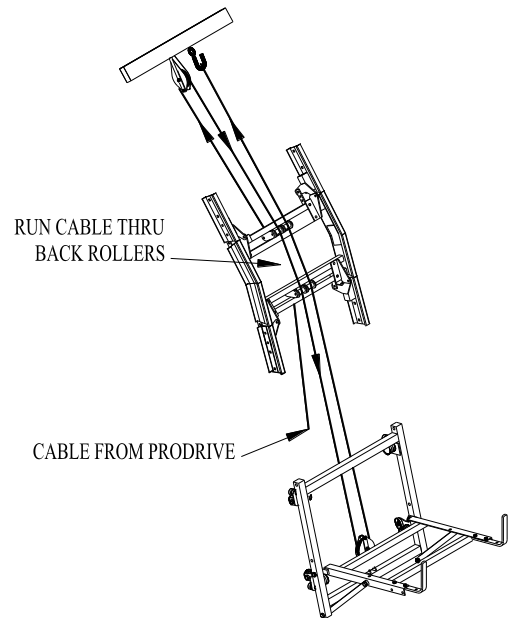
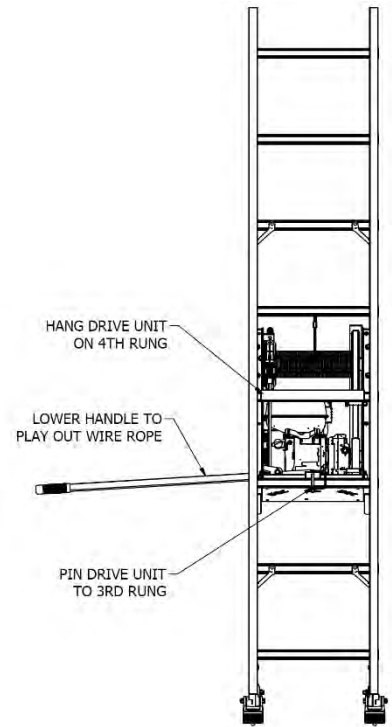
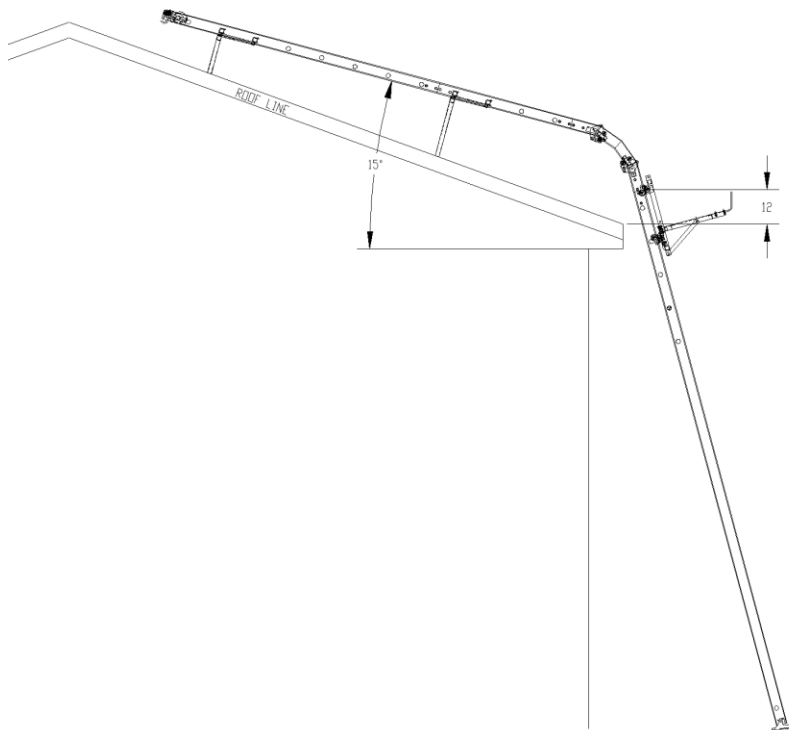
1. With the platform already installed on the base section of the track and the track upright, refer to the drive unit manual for detailed information on hanging the power drive. The Classic Drive Unit hangs from the 5th rung. The PHD drive unit hangs from the 4th rung on the track as shown at the right.
2. Center the drive between the track rails. Secure the drive to the 3rd rung with the provided retaining pin.

4.11. Pivoting Platform Hoist

The Pivoting Platform Hoist allows the platform to travel along the roof line. The pivoting track section has a fixed 20° joint and two joints adjustable for 0°, 10°, or 20°. The upper track section(s) along the roof must be at a minimum 15° angle from horizontal to allow the platform to roll freely in the downward direction. The track sections along the roof line must be supported every 8 feet, preferably at every track splice.

After raising the vertical section of track as above and installing all required track supports, run the wire rope up from the drive unit, across the rollers on the pivoting track section as shown below right, through the top bracket sheave, back down through the pivoting track rollers, through the sheave on the platform, back up through the pivoting track rollers, and affix it to the top bracket.

Ensure all sheaves rotate freely, wire rope is not damaged, that there are at least three full wraps of wire rope left on the winch drum, and the wire rope is contacting all six rollers of the pivoting track section.



WARNING:

ENSURE THAT WIRE ROPE REMAINS ON TOP OF PIVOTING TRACK GUIDE ROLLERS AT ALL TIMES DURING OPERATION. FAILURE TO DO SO CAN CAUSE EQUIPMENT DAMAGE, SERIOUS PERSONAL INJURY, OR DEATH.

5. Operation

Refer to the pre-hoisting checklist in the front of this manual before operating. Discuss the lifting plan before beginning.

1. Secure the load to the platform.
2. Refer to the drive unit manual for specific instructions. To raise the load, lift the control lever. Always keep out from under a load.
3. As the platform reaches the top of the track, release the control lever. This applies the brake, holding the load and platform in place. Do not allow the platform to jam against the top bracket. This may cause the drive belt to jam in the drum sheave, preventing lowering of the platform.
4. To lower the platform, use the control lever as discussed in the drive unit manual. Do not exceed 50 ft/min. Do not allow the platform to strike the track shoes at the bottom of the track.
5. If the drive unit should fail during a lift, release the control lever to engage the brakes. Then proceed to gently lower the load, correct the issue with the drive unit, and resume lifting.

Secure the equipment to prevent unauthorized use. Remove tension from the wire rope. Never assume that you will find the equipment in the condition you left it. If lifting is complete, disassemble the lift:

6. Dissassembly

1. Ensure the platform is not supporting any load. Attach a tie rope to secure the platform to the base track section.
2. Ensure the vertical track section is still securely tied to the roof.
3. Remove the wire rope from the platform. Un-reeve the wire rope and wind it back up on the power unit's drum. Tie a length of wire rope to the wire rope's thimble, and use this to secure the wire rope to the winch drum for storage.
4. Remove the drive unit from the track.
5. If using the pivoting platform hoist, remove the track sections along the roof deck, working from the end of the track to the angled section. Carefully lower components to the ground.
6. Remove any telescoping track supports, using a ladder for access.
7. Lower the track to the ground:
 - a. A person on the roof must lift up on the top cross tie with the tether rope
 - b. A person on the ground moves the bottom of the track towards the building. When the track reaches a vertical position, the person on the ground may either:
 - Turn the track 90° and have the roof person lower the track with the ground person bracing their feet against the track shoes, or
 - Turn the track 180°, move the bottom of the track against the building and have the roof person lower the track with the track shoes braced against the building.
 - c. Turn the track so the platform faces up when the lowering operation is completed.
8. Remove the tether rope. Disconnect the splice plates to separate the track for transport and storage.
9. Roll the platform off the base section for storage. Platform accessories such as the plywood carrier can remain in place.
10. Store the equipment in a secure, dry place. Do not allow unauthorized or untrained people to access the equipment.

7. INSPECTION AND MAINTENANCE

7.1. GENERAL MAINTENANCE RULES

1. Proper maintenance of the hoist and related equipment consists of adhering to all the guidelines given in this chapter and in the Pre-Hoisting Checklist in the front of this manual. Proper maintenance is required to maintain the system in good condition, which is defined as each part being free of rust or other corrosion, bends, breaks, or other defects.
2. Review and follow all the safety rules before attempting any maintenance.
3. Only authorized personnel should be allowed in the maintenance area. Authorized personnel are the trained people as defined below and their supervision.
4. Repairs must be made only by trained personnel. A trained person is one who has read and thoroughly understands this instruction manual and related equipment manuals and, through training and experience, has shown knowledge regarding the safe operational procedures.

5. Do not weld or otherwise modify the hoist. Such alterations may weaken the structural integrity of the equipment and invalidate your warranty.
6. Do not attempt any hoisting during maintenance, erection, or repair procedures. This can cause equipment damage and/or serious personal injury.
7. Except for maintenance and repairs that can not be done otherwise, shut down and lock out the drive unit to prevent accidental startup.
8. Never climb the track! This can lead to serious personal injury.

7.2. INITIAL INSPECTION

Power drive assembly and disassembly, must be done by trained personnel only. Each time after setting up the hoist and before placing it in service, all parts of the hoist structure, power drive, and other equipment must be thoroughly inspected by trained personnel as described in the remainder of this chapter and related equipment manuals.

7.3. DAILY INSPECTION

It is important that all the maintenance procedures outlined in the Pre-Hoisting Checklist in the front of this manual be done daily. All broken, worn or defective parts must be repaired or replaced before startup.

7.4. BRAKE/CLUTCH ADJUSTMENT

Refer to the drive unit manual for information on maintaining the drive unit brake and clutch.

7.5. SAFETY HOOKS

The hook to which the power drive wire rope is attached will be either the platform safety hook on the 200lb/250lb. model or the top bracket hook on the 400lb. model. If these hooks should become broken, bent, or disassembled, they should be replaced immediately.

7.6. OILING MECHANICAL PARTS

The drum bearings are lubricated for life and need no attention. Oil all pivots and linkage joints occasionally.

7.7. ENGINE MAINTENANCE

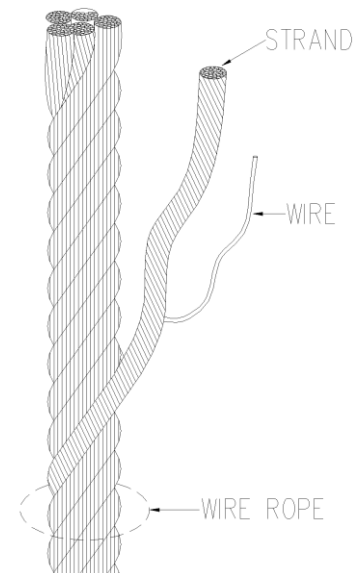
Refer to the drive unit manual for engine maintenance information.

7.8. WIRE ROPE INSPECTION

Inspect the wire rope prior to each use and at least daily for signs of wear, damage, or pinching. Inspect the entire wire rope working length. Thoroughly inspect the rope sections that pass over sheaves or drums, or that make opposing turns. Inspect wire rope and end attachments carefully. While inspecting, examine sheaves, guards, guides, drums, flanges, and other surfaces contacting wire rope during operation. Correct any condition harming the rope in use or other damage or worn surfaces at this time.

Remove or replace immediately wire rope with one or more of the following defects:

1. Corrosion
2. Broken wires:
 - (a) One or more valley breaks. A valley break is a wire break occurring in the valley between two adjacent strands.
 - (b) Six randomly distributed broken wires in one rope lay. A rope lay is the length of rope along which one strand makes a complete revolution around the rope. See Figure 6-2. Keeping the rope clean and wound evenly on the drum will increase its life and efficiency.
3. Abrasion: Scrubbing, flattening or peening causing loss of more than one-third of the original diameter of the outside wires.
4. Kinking: Severe kinking, crushing, bird caging or other damage causing distortion of the rope structure. Bird caging is a bulging in the wire rope caused by the individual wires becoming untwisted. This untwisting of individual wires is usually caused by impact loading on the wire rope (such as a sudden stop).
5. Heat damage: Evidence of any heat damage caused by a torch or by contact with electrical wires.
6. Reduction of more than 1/64 inch from a nominal 5/16-inch or less diameter wire rope.



8. TROUBLESHOOTING

The following chart is intended to assist with troubleshooting the power drive. While not all inclusive, the chart outlines the most common causes of a problem and the recommended course of action.

The troubleshooting guide for the associated platform hoist is in the instruction manual specifically for that unit.

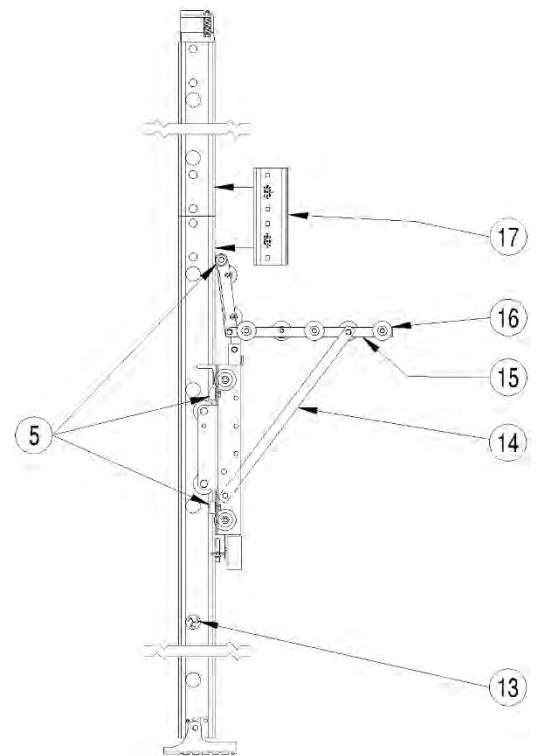
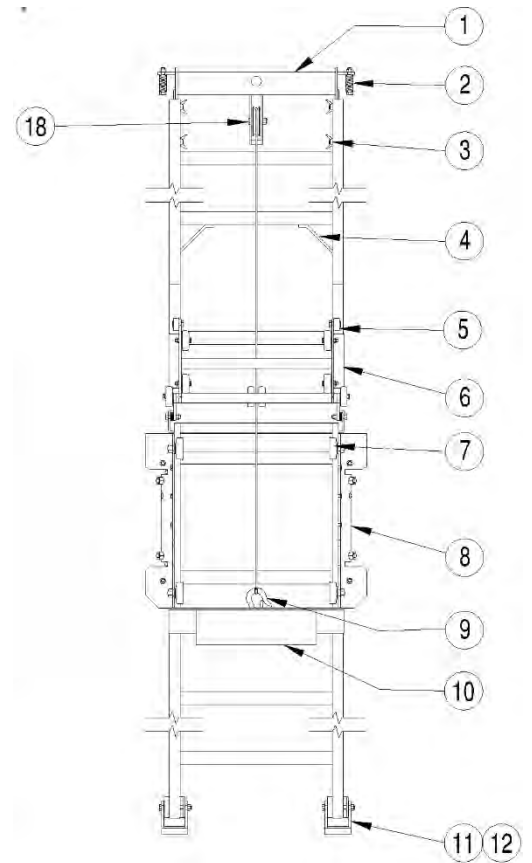
SYMPTOM	CAUSE AND CORRECTIVE ACTION
Gas engine will not start	Fuel shut off in OFF position—turn ON Engine switch in OFF position—turn ON Air filter clogged—replace filter 1. Too much oil in crankcase—pistons can't come back down which can saturate air filter with oil. 2. Tipping the engine, allowing oil to run up the relief tube. 3. Air filter dirty after normal use. Clogged fuel line—replace fuel filter.
Drive unit won't lift load or is lifting it very slowly.	No oil in engine to build compression—must add oil. Check piston rings for compression. Hoist attempting to lift more than stated capacity of unit—check capacity rating and reduce load weight as needed Brake is dragging—adjust brake Platform not moving freely—check for track obstructions or issues with wire rope and block Engine related problems—refer to engine manufacturer's manual Engine speed too slow—increase throttle position (rabbit/turtle lever) Too much wire rope on drum—hoisting capacity decreases as wire rope diameter increases.
Engine stalls when handle is lifted	Brake is releasing after drive belt is tightened—adjust brake.
Power Drive will not lower platform.	Platform has been allowed to jam against the spring stops on the top bracket causing the drive belt to jam in the drum sheave—shut off the gas engine. Then release the jammed belt by inserting a screw driver between the belt and the sheave groove.
Load drifts down.	Remove the load, then adjust brake. Brake is worn – replace brake band.

9. PARTS LISTS

9.1. 200 lb / 250 lb Platform

ITEM	PART NUMBER	DESCRIPTION	QTY
1	0401110	TOP SHEAVE BRACKET	1
2	0400575	SPRING,BOLT, & NUT – TOP SHEAVE	2
3	0401424	TOP SHEAVE BRACKET MTG HDWR KIT	1
	0420405	consisting of: 4ea carriage bolt & wing nut	
4	0404804	CROSS TIE BRACE*	
5	0404302	GUIDE ROLLER WHEEL KIT*	6
6	0401214	PIVOT BRACKET	1
7	0401260	TROLLEY WHEEL KIT*	8
8	7300653	MAIN FRAME	1
9	5805910	SNAP SAFETY HOOK	1
	5806367	U-BOLT	1
	5806401	LOCKNUT	2
	7806008	WASHER	2
10	0420401	BUMPER	1
11	0420402	TRACK SWIVEL SHOE MTG BRKT*	2
12	0420404	TRACK SWIVEL SHOE*	2
13	0403205	CROSS TIE STIFFENER	2
14	0403210	PLATFORM SUPPORT BRACE	2
	0404303	SUPPORT BRACE Bag of Bolts	1
15	0404811	PLATFORM FRAME	1
16	0403215	2" DIAMETER WHEEL KIT*	12
	0400828	2" DIAMETER WHEEL BAG (12PC SET)*	1
17	7303600	TRACK SPLICE PLATE	
18	5806326	SHEAVE	1
	5806370	CARRIAGE BOLT	1
	5800831	LOCKNUT	1
	0482800	TRACK SPLICE PLATE NUT & BOLT 8ea.	
	0401498	TRACK SPLICE PLATE KIT consisting of: 2 splice plates, 8 ea. nut & bolt	
		TRACK SWIVEL SHOE CONVERSION KIT*	
		consisting of: 2 shoes & 2 mounting brackets	

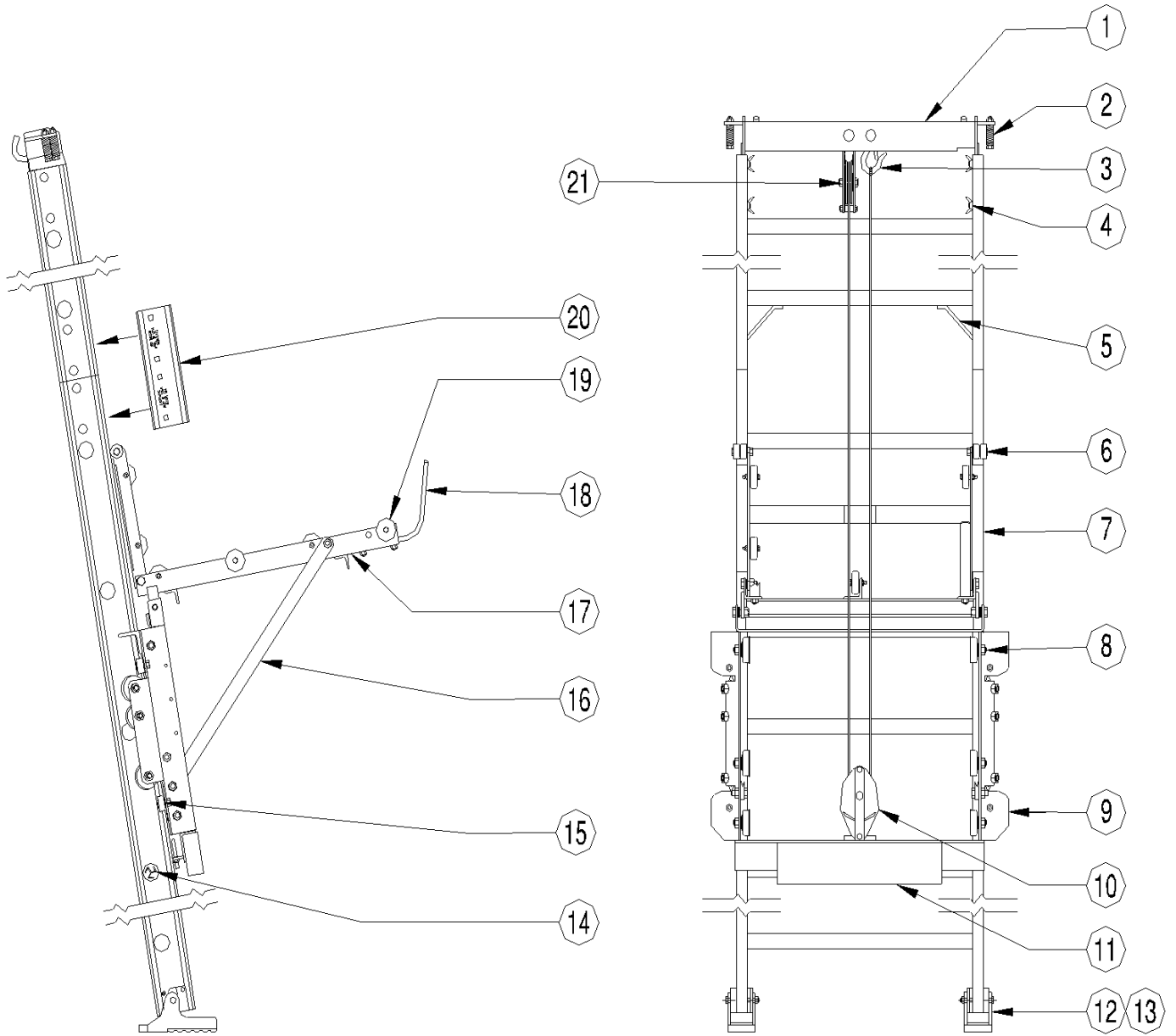
*hardware included



9.2. 400 lb Platform

Item Number	Part Number	Quantity	Description
1	0400574	1	TOP SHEAVE BRACKET
2	0400575	4	SPRING,BOLT, & NUT – TOP SHEAVE
3	7300653	1	SNAP SAFETY HOOK
	5803519	1	CARRIAGE BOLT
	5806370	1	LOCKNUT
4	0401424	1	TOP SHEAVE BRACKET MTG HDWR KIT consisting of: 4ea carriage bolt & wing nut
5	0420405		CROSS TIE BRACE*
6	0401499	2	PIVOT BRACKET GUIDE ROLLER ASSY
7	0401430	1	PIVOT BRACKET
8	0401214	12	TROLLEY WHEEL KIT*
9	0401410	1	MAIN FRAME
10	7303600	1	SHEAVE
	5805910	1	U-BOLT
	5806367	2	LOCKNUT
11	7806009	1	BUMPER
12	0420401	2	TRACK SWIVEL SHOE MTG BRKT*
13	0420402	2	TRACK SWIVEL SHOE*
14	0420403	2	CROSS TIE STIFFENER
15	0404804	4	GUIDE ROLLER WHEEL KIT*
16	0404208	2	PLATFORM SUPPORT BRACE
	5806280	4	HEX HEAD CAP SCREW
	5806379	4	HEX NUT
17	0401420	1	PLATFORM FRAME
18	0404218	2	PLATFORM STOP
	5806247	4	HEX HEAD CAP SCREW
	5806377	4	HEX NUT
19	0404811	16	2” DIAMETER WHEEL KIT*
	0401450	1	2” DIAMETER WHEEL BAG (16PC SET)*
20	0400828		TRACK SPLICE PLATE
21	7303600	1	SHEAVE
	5806326	1	CARRIAGE BOLT
	5806370	1	LOCKNUT
	5800831		TRACK SPLICE PLATE NUT & BOLT 8ea.
	0482800		TRACK SPLICE PLATE KIT consisting of: 2 splice plates, 8 ea. nut & bolt
	0401498		TRACK SWIVEL SHOE CONVERSION KIT* consisting of: 2 shoes & 2 mounting brackets

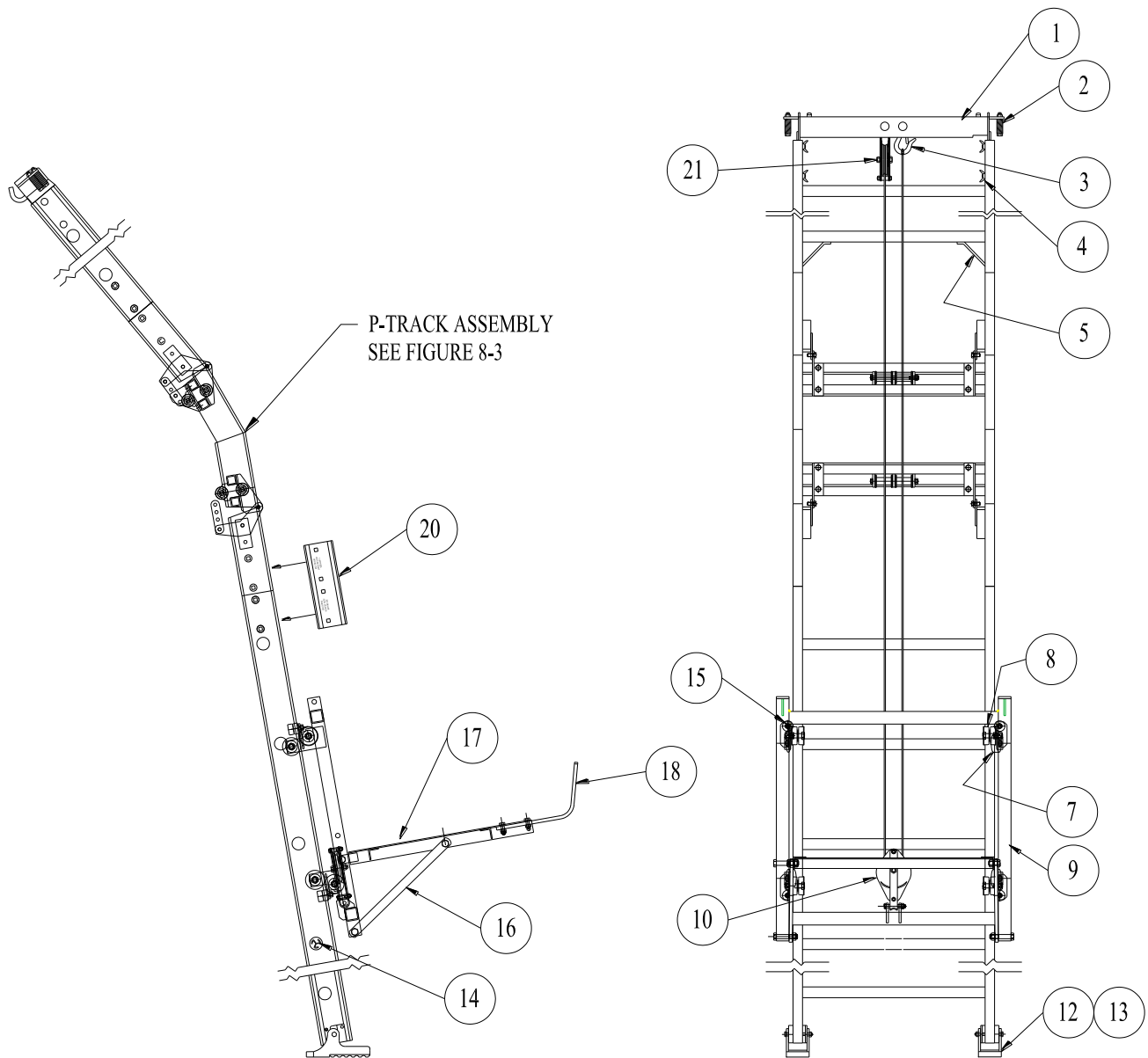
*** HARDWARE INCLUDED**



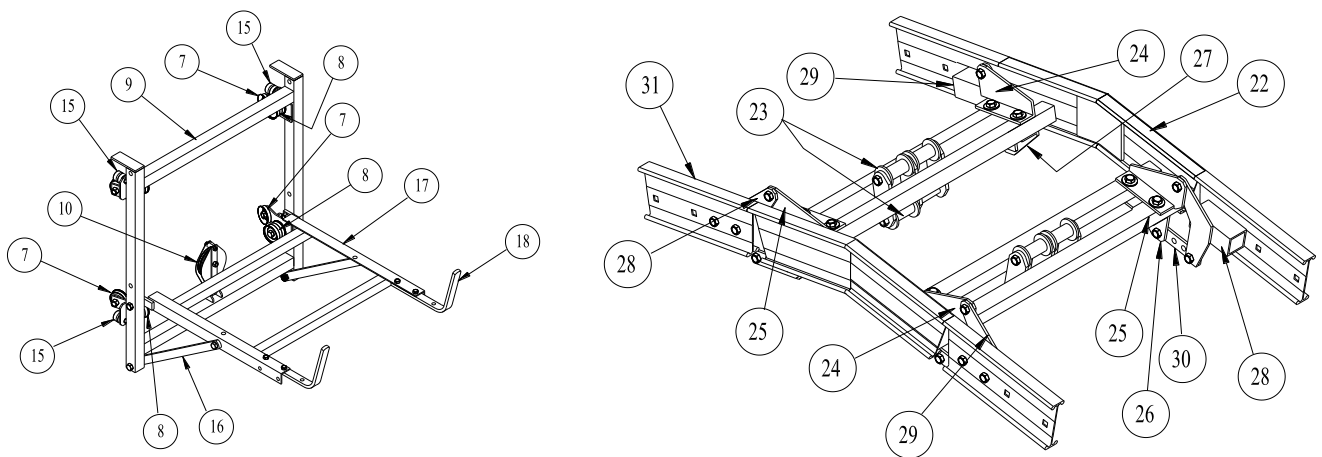
9.3. Pivoting Platform Hoist Parts List

Item Number	Part Number	Quantity	Description
1	0400574	1	TOP SHEAVE BRACKET WELDMENT
2	0400575	4	SPRING,BOLT, & NUT – TOP SHEAVE
3	7300653	1	SNAP SAFETY HOOK
	5803519	1	CARRIAGE BOLT
	5806370	1	LOCKNUT
	5806410	3	FLAT WASHER
4	0401424	1	TOP SHEAVE BRACKET MTG HDWR KIT consisting of: 4ea carriage bolt & wing nut
5	0420405		CROSS TIE BRACE*
	0401499	4	PIVOT BRACKET GUIDE ROLLER ASSY
7	0410218	4	PIVOTING HOIST PLATFORM TROLLEY WHEEL ASSY HD
	5806282	4	HEX HEAD CAP SCREW
	5806370	4	HEX NUT TOPLOCK
	5806454	4	FLAT WASHER SPACER
8	0400619	8	TROLLEY WHEEL
	5806454	4	FLAT WASHER SPACER
	5806285	4	HEX HEAD CAP SCREW
	5806370	4	HEX NUT TOPLOCK
	0410709	4	PIVOTING TRACK TROLLEY WHEEL SPACER
9	0410303	1	PIVOTING PLATFORM MAIN FRAME
10	7303600	1	SHEAVE
	5806251	1	HEX HEAD CAP SCREW
	0402170	1	SHEAVE SPACER
	5803517	1	HEX NUT CENTERLOCK
12	0420401	2	TRACK SWIVEL SHOE MTG BRKT*
13	0420402	2	TRACK SWIVEL SHOE*
14	0420403	2	CROSS TIE STIFFENER
15	0400826	8	GUIDE ROLLER WHEEL
	5806250	4	HEX HEAD CAP SCREW
	5806406	4	FLAT WASHER SAE
	5896406	16	FLAT SHIM WASHER
	5806368	4	HEX NUT TOPLOCK
16	0410533	2	PLATFORM DIAGONAL BRACE
	5806286	2	HEX HEAD CAP SCREW
	5806280	2	HEX HEAD CAP SCREW
	5806379	4	HEX NUT
17	0410306	1	PLATFORM FRAME
	5806286	2	HEX HEAD CAP SCREW
	5806370	2	HEX NUT TOPLOCK
	5806411	2	SHIM WASHER

18	0404218	2	PLATFORM STOP
	5806247	4	HEX HEAD CAP SCREW
	5806377	4	HEX NUT
20	0400828		TRACK SPLICE PLATE
	5800831		TRACK SPLICE PLATE NUT & BOLT 1ea.
	0482800		TRACK SPLICE PLATE KIT consisting of: 2 splice plates, 8 EA. Nut & bolt.
21	7303600	1	SHEAVE
	5806326	1	CARRIAGE BOLT
	5806370	1	HEX NUT TOPLOCK
	0401498		TRACK SWIVEL SHOE CONVERSION KIT* consisting of: 2 shoes & 2 mounting brackets.
22	0410330	1	PIVOTING TRACK 400 MID-SECTION WELDMENT
23	7304104	6	CABLE GUIDE ROLLER
	5806267	4	HEX HEAD CAP SCREW 6"
	5806368	4	HEX NUT TOPLOCK
24	0410548	2	PIVOT HINGE ANGLE LH
	5806245	2	HEX HEAD CAP SCREW 3/4"
	5806368	2	HEX NUT TOPLOCK
25	0410551	2	PIVOT HINGE ANGLE RH
	5806245	2	HEX HEAD CAP SCREW 3/4"
	5806368	2	HEX NUT TOPLOCK
26	0410542	2	PIVOT ADJUST ANGLE LH
	5806251	4	HEX HEAD CAP SCREW 2"
	5806368	4	HEX NUT TOPLOCK
27	0410545	2	PIVOT ADJUST ANGLE RH
	5806251	4	HEX HEAD CAP SCREW 2"
	5806368	4	HEX NUT TOPLOCK
28	0410309	2	PIVOTING TRACK PIVOT HINGE WELDMENT LH
	5806368	4	HEX NUT TOPLOCK
	5806245	4	HEX HEAD CAP SCREW 3/4"
29	0410312	2	PIVOTING TRACK PIVOT HINGE WELDMENT RH
	5806245	4	HEX HEAD CAP SCREW 3/4"
	5806368	4	HEX NUT TOPLOCK
30	0410554	4	PIVOTING TRACK HINGE CONNECTING LINK
	5806245	8	HEX HEAD CAP SCREW 3/4"
	5806368	8	NEX NUT TOPLOCK
31	0410563	4	PIVOTING TRACK END SECTION RAIL



Pivoting Platform Hoist Assembly (above); Platform (below left); Pivot track (below right)



LIMITED PRODUCT WARRANTY

Reimann & Georger Corporation

LIMITED WARRANTY

Reimann & Georger Corporation (the "Manufacturer") warrants to the original purchaser (the "Buyer") that all Reimann & Georger Hoisting and Construction products shall be free of defects in material and workmanship for a period of one (1) year from date of original purchase.

MANUFACTURER'S OBLIGATIONS

The Manufacturer's sole obligation under this Limited Warranty is the repair or, at the Manufacturer's discretion, the replacement of parts found to be defective. Parts and equipment must have authorization from the Manufacturer prior to return to the Manufacturer or repair by an authorized service person. Costs of transportation and other expenses connected with replacing or repairing parts are not covered under this Limited Warranty.

PARTS MANUFACTURED BY OTHERS

This Limited Warranty does not cover any parts manufactured by others. Such parts are subject to the warranty, if any, of their respective manufacturers, and are to be repaired only by a respective authorized service person for such parts. The Manufacturer shall have no obligation to undertake repairs of parts manufactured by others.

NO SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES

IN NO EVENT SHALL THE MANUFACTURER BE LIABLE TO THE BUYER OR ANY OTHER PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL LOSSES OR DAMAGES CONNECTED WITH THE USE OF THE PRODUCT UNDER THIS LIMITED WARRANTY. SUCH DAMAGES FOR WHICH THE MANUFACTURER SHALL NOT BE RESPONSIBLE INCLUDE, BUT ARE NOT LIMITED TO, LOST TIME AND CONVENIENCE, LOSS OF USE OF THE PRODUCT, THE COST OF A PRODUCT RENTAL, COSTS OF GASOLINE, TELEPHONE, TRAVEL, OR LODGING, THE LOSS OF PERSONAL OR COMMERCIAL PROPERTY, AND THE LOSS OF REVENUE.

NO LIABILITY IN EXCESS OF PURCHASE PRICE

IN NO EVENT SHALL THE MANUFACTURER'S OBLIGATIONS UNDER THIS LIMITED WARRANTY EXCEED THE PURCHASE PRICE OF THE PRODUCT.

NO EXTENSION OF STATUTE OF LIMITATIONS

ANY REPAIRS PERFORMED UNDER THIS WARRANTY SHALL NOT IN ANY WAY EXTEND THE STATUTES OF LIMITATIONS FOR CLAIMS UNDER THIS LIMITED WARRANTY.

WAIVER OF OTHER WARRANTIES

THE EXPRESS WARRANTIES SET FORTH IN THIS LIMITED WARRANTY ARE IN LIEU OF AND EXCLUDE ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

PROCEDURE FOR WARRANTY PERFORMANCE

If the product fails to perform to the Manufacturer's specifications, the Buyer must provide the Manufacturer with the applicable model and serial numbers, the date of purchase, and the nature of the problem.

ADDITIONAL EXCLUSIONS FROM THIS LIMITED WARRANTY. THIS LIMITED WARRANTY DOES NOT COVER ANY OF THE FOLLOWING:

1. Equipment which has been abused, damaged, used beyond rated capacity, or repaired by persons other than authorized service personnel.
2. Damage caused by acts of God which include, but are not limited to, hailstorms, windstorms, tornadoes, sandstorms, lightning, floods, and earthquakes.
3. Damage under conditions caused by fire or accident, by abuse or by negligence of the user or any other person other than the Manufacturer, by improper installation, by misuse, by incorrect operation, by "normal wear and tear", by improper adjustment or alteration, by alterations not completed by authorized service personnel, or by failure of product parts from such alterations.
4. Costs of repairing damage caused by poor or improper maintenance, costs of normally scheduled maintenance, or the cost of replacing any parts unless done as the result of an authorized repair covered by the one (1) year Limited Warranty.
5. Costs of modifying the product in any way once delivered to the Buyer, even if such modifications were added as a production change on other products made after the Buyer's product was built.

NO AUTHORITY TO ALTER THIS LIMITED WARRANTY

No agent, representative, or distributor of the Manufacturer has any authority to alter the terms of this Limited Warranty in any way.