

PowerLift Truck Leveler Surface Mount

Owner's / User's Manual



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Recognize Safety Information

Safety - Alert Symbol



The <u>Safety-Alert Symbol</u> This is the safety alert symbol. It is used to alert you to the potential physical injury hazard. Obey all safety messages that follow this symbol to avoid possible death or injury.

ADANGER

The use of the word <u>DANGER</u> signifies the presence of an extreme hazard or unsafe practice which will most likely result in death or severe injury.

!WARNING

The use of the word <u>WARNING</u> signifies the presence of a serious hazard or unsafe practice which could result in death or serious injury.

ACAUTION

The use of the word <u>CAUTION</u> signifies possible hazard or unsafe practice which could result in minor or moderate injury.

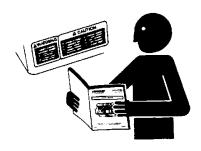
NOTICE

The use of the word <u>NOTICE</u> indicates information considered important, but not hazard-related, to prevent machine or property damage.

SAFETY INSTRUCTIONS

Indicates a type of safety sign, or separate panel on a safety sign, where safety-related instructions or procedures as described.

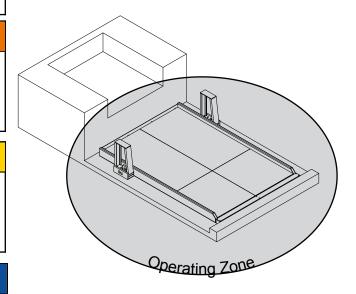
General Operational Safety Precautions



Read and understand the Owner's/User's manual and become thoroughly familiar with the equipment and its controls before operating the truck leveler.

Never operate a truck leveler while a safety device or guard is removed or disconnected.

Never remove DANGER, WARNING, or CAUTION signs or decal's on the equipment unless replacing them.



Do not start the equipment until all unauthorized personnel in the area have been warned and have moved outside the operating zone.

Remove any tools or foreign objects from the operating zone before starting.

Keep the operating zone free of obstacles that could cause a person to trip or fall.

Operational Safety Precautions



Learn the safe way to operate this equipment. Read and understand the manufacturer's instructions. If you have any questions, ask your supervisor.

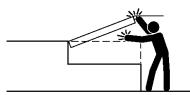
ADANGER



Stay clear of truck leveling device when transport vehicle is entering or leaving area.

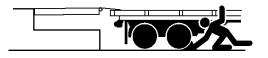


Do not move or use the truck leveling device if anyone is under, on or in front of it.

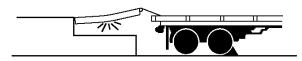


Keep hands and feet clear of pinch points. Avoid putting any part of your body near moving parts.

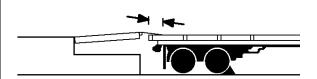
MARNING



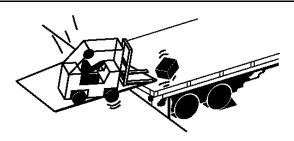
Chock/restrain all transport vehicles, Never remove the wheel chocks until loading or unloading is finished and transport driver has been given permission to drive away.



Do not use a broken or damage truck leveling device. Make sure proper service and maintenance procedures have been performed before using.

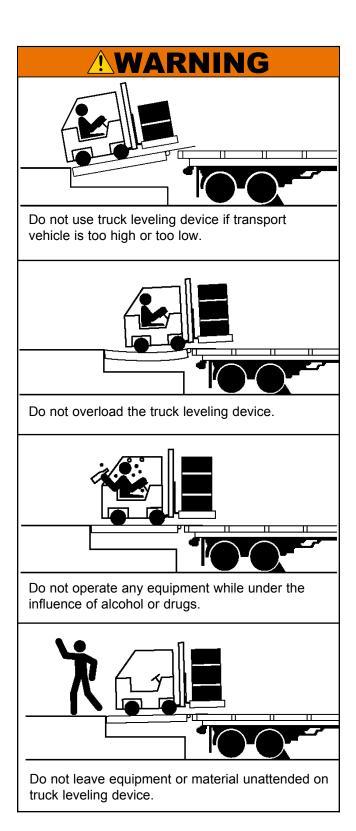


Make sure lip overlaps onto transport vehicle bed at least 4 in. (102 mm).



Keep a safe distance from both side edges.

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Maintenance Safety Precautions

ADANGER



Hydraulic and electrical power must be OFF when servicing the equipment. For maximum protection, use an OSHA approved locking device to lock out all power sources. Only the person servicing the equipment should have the key to unlock the device.

!WARNING



Always post safety warnings and barricade the work area at truck level and dock level to prevent unauthorized use of the unit before maintenance is complete.

!WARNING

ALWAYS disconnect electrical power source and ground wire before welding on truck leveler.

DO NOT ground welding equipment to any hydraulic or electrical components of the truck leveler. Always ground to the truck leveler frame.

MARNING

DO NOT grind or weld if hydraulic fluid or other flammable liquid is present on the surface to be ground or welded

DO NOT grind or weld if uncontained hydraulic fluid or other flammable liquid is present. Stray sparks can ignite spills or leaks near the work area. Always clean up the oil leaks and spills before proceeding with grinding or welding.

Always keep a fire extinguisher of the proper type nearby when grinding or welding.

MARNING

ALWAYS stand clear of truck leveler when working in front of or behind the truck leveler.



ADANGER

CRUSH HAZARD

DO NOT extend hydraulic cylinder by a means other than hydraulic power.

DO NOT REMOVE hydraulic cylinder until you refer to owner's/user's manual for proper maintenance procedures.

Failure to comply will result in death or serious injury.

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OWNER'S/USER'S RESPONSIBILITIES

- The manufacturer shall provide to the initial purchaser and make the following information readily available to the owners/users and their agents, all necessary information regarding Safety Information, Operation, Installation and Safety Precautions, Recommended Initial and Periodic Inspections Procedures, Planned Maintenance Schedule, Product Specifications, Troubleshooting Guide, Parts Break Down, Warranty Information, and Manufacturers Contact Information, as well as tables to identify the grade(slope) for all variations of length or configuration of the truck leveling device and information identifying the maximum uncontrolled drop encountered when sudden removal of support while in the working range of the equipment.
- 2) When selecting loading truck safety equipment, it is important to consider not only present requirements but also future plans and any possible adverse conditions, environmental factors or usage. The owners/users shall provide application information to the manufacturer to receive recommendations on appropriate equipment specifications and capacity.
- 3) The Owner/User must see all nameplates, placards, decals, instructions and posted warnings are in place and legible and shall not be obscured from the view of the operator or maintenance personnel for whom such warnings are intended for. Contact manufacturer for any replacements.
- 4) Truck leveling devices may become hazardous if the manufacturer's instructions regarding modifications or adjustments are not followed. Modifications or alterations of truck leveling devices shall only be made with prior written approval from the original manufacturer. These changes shall be in conformance with all applicable provisions of the MH30.1 standard and shall also satisfy all safety recommendations of the original equipment manufacturer of the particular application.
- 5) The owner/user should recognize the inherent dangers of the interface between the loading truck and the transport vehicle. The owner/ user should, therefore, train and instruct all operators in the safe operation and use of the loading truck equipment in accordance with manufacturer's recommendations and industry standards. Effective operator training should also focus on the owner's/user's company policies, operating conditions and the manufacturer's specific instructions provided with the truck leveling device. Maintaining, updating and retraining all operators on safe working habits and operation of the equipment, regardless of previous experience, should be done on a regular basis and

- should include an understanding and familiarity with all functions of the equipment. Owners/users shall actively maintain, update and retrain all operators on safe working habits and operations of the equipment.
- 6) An operator training program should consist of, but not necessarily be limited to, the following:
 - Select the operator carefully. Consider the physical qualifications, job attitude and aptitude
 - Assure that the operator reads and fully understands the complete manufacturer's owners/users manual.
 - c) Emphasize the impact of proper operation upon the operator, other personnel, material being handled, and equipment. Cite all rules and why they are formulated.
 - Describe the basic fundamentals of the truck leveling device and components design as related to safety, e.g., mechanical limitation, stability, functionality, ect.
 - e) Introduce the equipment. Show the control locations and demonstrate its functions.
 Explain how they work when used properly and maintained as well as problems when they are used improperly.
 - f) Assure that the operator understands the capacity rating, nameplate data, placards and all precautionary information appearing on the truck leveling device.
 - g) Supervise operator practice of equipment.
 - Develop and administer written and practical performance tests. Evaluate progress during and at completion of the course.
 - Administer periodic refresher courses. These may be condensed versions of the primary course and include on-the-job operator evaluation.
- 7) Loading truck safety equipment should never be used outside of its vertical working range, or outside the manufacturer's rated capacity. It shall also be compatible with the loading equipment and other conditions related to truck activity. Please consult the manufacturer if you have any questions as to the use, vertical working range or capacity of the equipment. Only properly trained and authorized personnel should operate the equipment.
- 8) It is recommended that when the transportation vehicle is positioned as close as practical to the truck leveling device and in contact with both bumpers, there shall be a minimum of 4.00 inches (100mm) overlap between the front edge of the lip and the edge of the floor or sill of the transport

- vehicle at all times during the loading and unloading process.
- 9) When goods are transferred between the loading truck and the transport vehicle, this vehicle shall have the brakes and wheel chocks or positive restraints that provide the equivalent protection of wheel chocks shall be engaged. It is recommended that transport vehicles with air-ride suspension systems shall have its air exhausted prior to performing loading and unloading operation to minimize transport vehicle bed drop.
- 10) Manufacturer's recommended maintenance and inspection of all truck leveling devices shall be performed in conformance with the following practices: A planned Maintenance schedule program must be followed, only trained and authorized personnel shall be permitted to
- maintain, repair, adjust and inspect truck leveling devices, and only the use of original equipment manufacturer parts, manuals, maintenance instructions, labels, decals and placards or their equivalent. Written documentation of maintenance, replacement parts or damage should be kept. In the event of damage, notification to the manufacturer is required.
- 11) Loading truck devices that are structurally damaged or has experienced a sudden loss of support while under load, such as might occur when a transport vehicle is pulled out from under the truck leveling device, shall be removed from service, inspected by a manufacturer's authorized representative, and repaired or replaced as needed or recommended by the manufacturer before being placed back in service.

General Information

Congratulations on your choice of a Poweramp Truck Leveler. This manual covers the PowerLift Truck Leveler Surface Mount

Designed by Poweramp to be a marvel of simplicity and efficiency, your truck leveler, when properly installed, will provide many years of trouble-free performance with an absolute minimum of maintenance. To obtain maximum performance and longest possible use, a simple program of preventive maintenance is recommended.

The PowerLift truck has an electrical controls, which allows operation of the truck leveler functions. Each PowerLift leveler unit and control panel have been factory assembled and tested to ensure satisfactory operation.

To illustrate which connections are to be made in the field at installation, electrical drawings and hose drawings are included with each order or by contacting Technical Services.

Once again, thank you and congratulations on your purchase of a Poweramp PowerLift Truck Leveler.

Truck Leveler Stock Specifications

PowerLift Series Truck Levelers are available in the following sizes, weight capacities, and options:

Width:

up to12'6"(3810mm)

Length

Consult Factory

Capacity (CIR*)

50,000 lb (22 680 kg)

55,000 lb (24 948 kg)

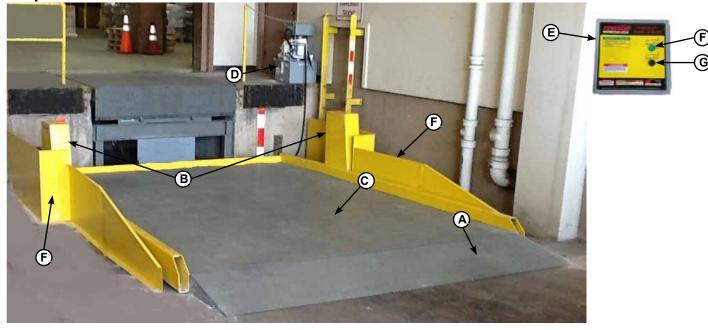
60,000 lb (27 216kg)

65,000 lb (22 484 kg)

^{*} CIR (Comparative Industry Rating)

INTRODUCTION

Component Identification



A — Lip Approach (Optional) B — Cylinder Towers C — Truck Leveler D — Power Pack E — Control Box A — Trunnion Hinge Weldment F — Toe Guards

THEORY

The PowerLift truck leveler uses a dual push button operation for ease of use.

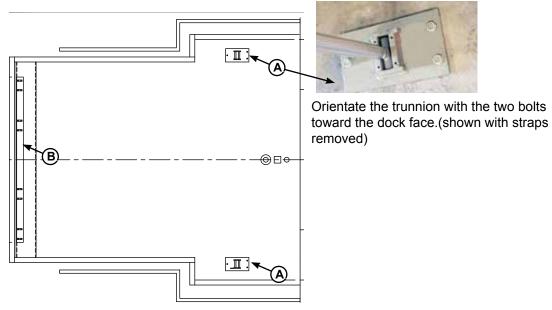
The truck leveler is operated by:

- 1.) Depress RAISE button (F) on the control panel to activate an electric motor which drives the hydraulic pump. The hydraulic pump forces oil in the truck levelers main platform cylinders(B), causing the unit to raise to the desired height of the transport vehicle.
- 2) Depress the LOWER button(G) on the control panel which activates a control solenoid that allows the hydraulic oil to return to the reservoir and lower the unit.



A — Trunnion Hinge Weldment

Prepare Surface



A-Cylinder Trunnion Base B-Trunnion Hinge Weldment

MARNING

Post safety warnings and barricade the work area at truck level and ground level to prevent unauthorized use of the truck leveler before installation has been completed.

ACAUTION

Only trained installation professionals with the proper equipment should install this product.

NOTICE

Truck leveler must be set on 8 inch block when unloading to protect components under the leveler.

MARNING

The truck leveler is heavy. Use chains and a lifting device with the appropriate lifting capacity and reach.

Before installing the truck leveler on the surface, the following must be performed:

- Remove all debris from the surface and sweep it clean.
- Check the entire truck leveler surface for proper construction according to approved/certified drawings.
- 3. Confirm all components are accounted for.
- 4. Have 4 blocks at least 8 inches tall and able to hold 1 ton of weight to set the truck leveler on once it is unloaded from the transport vehicle.

^{*} Refer to OSHA regulation 1910.146. Confine Space

^{*} Refer to OSHA regulation 1910.147. Lockout/Tagout

INSTALLATION

Prepare Truck Leveler



FIGURE #1



FIGURE #2

- 1. Remove any control panel, parts and bumpers that may be banded to the truck leveler.
- 2. Install the truck bumpers as required.
- Make sure the mounting hardware or lifting hooks have the appropriate lifting capacity for the truck leveler, check the Bill Of Landing(BOL) for actual shipping weight.
- 4. Attach lifting chains to the four corners of the truck leveler, (Fig 1.) and to a lifting device (i.e., hoist or fork truck) having the appropriate lifting capacity and reach.
- (Optional) Place the truck leveler on minimum 8 inch tall wood blocks, if readjustments are needed to insert the truck leveler into the door opening (Fig. 2).
- 6. Once truck leveler is inside the building, or close

NOTICE

Level the unit front to rear and left to right, shim as required to obtain a level platform. Weld the shim and touch up with paint as needed

to the install position, set the unit on the 8 inch blocks to prep the hydraulic installation.

- 7. Locate and anchor the hydraulic trunnions with 5/8 x 5 anchor bolts, job specific drawings Torque all the bolts to the vendor specifications.
- 8. Remove and position the trunnion hinge weldment. Anchor to the approach with 5/8 x 5 anchors. Torque to the vendor specifications(FIG #3)
- 9. Install the "T" bar from the parts box and partially install into both main cylinders(FIG #4).
- 10. Install the long hose(A) from the power pack and connect to the "T" fitting under the truck leveler.
- 11. Using an appropriate lifting device, lower truck



FIGURE #3

!WARNING

The truck leveler is heavy. Use chains and a lifting device with the appropriate lifting capacity and reach.

WARNING

DO NOT grind or weld if hydraulic fluid or other flammable liquid is present on the surface to be ground or welded.

DO NOT grind or weld if uncontained hydraulic fluid or other flammable liquid is present. Stray sparks can ignite spills or leaks near the work area. Always clean up the oil leaks and spills before proceeding with grinding or welding.

Always keep a fire extinguisher of the proper type nearby when grinding or welding.

ADANGER

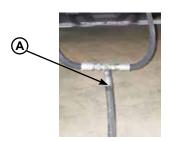
Following start-up or if the platform is raised using an external lifting device or the hydraulic system is opened to atmosphere, air will enter into the hydraulic system.

Whenever this happens, purge air from hydraulic system fully.





FIGURE #4



INSTALLATION

Install Truck Leveler

leveler on to the hydraulic trunnions and the rear hinge trunnion weldment.(FIG# 5)



FIGURE #5

- 12. Using the pins provided connect the platform to the hinge trunnions weldment (Fig #6).
- 13. Level the platform using the "T" bars. Turn "T" bars clockwise all the way in then turn counter clock wise to level the platform left to right.
- 14. Install the straps on the cylinder trunnions.
- 15. Disconnect the lifting devices.
- 16. Locate the power unit and mount the power unit per the drawing supplied with the unit.



FIGURE #6

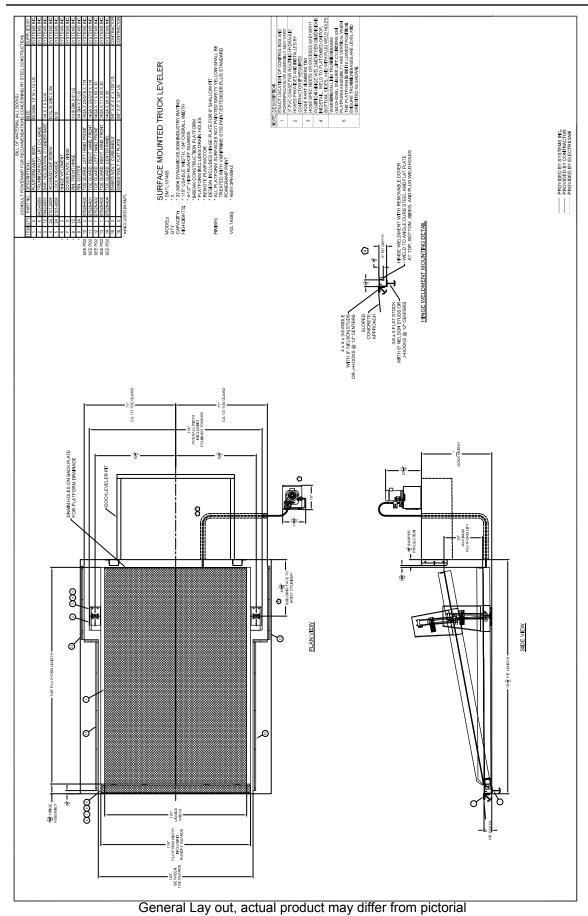
- 17. Anchor the power unit in place, using 3/8 x 3 anchor bolts, torque the bolts to the vendor specifications.
- 18. Mount the control box .
- Complete the wiring of the motor and field connections as per drawings supplied.
- 20. Verify that the reservoir is full.



NOTE: To ensure normal operation of the truck leveler, use only Aircraft Hydraulic Fluid designed to meet or exceed military specification MIL-H-5606-G. It is recommended that the following hydraulic fluids be used:

- Ultra Vis Hvi 15
- · Aero Shell Fluid 4 or Fluid 41
- · Mobile Aero HFA Mil-H5606 G or Aero HF
- · Texaco Aircraft Hydraulic Oil 15 or 5606
- Exxon Univis J13
- 21. These fluid brands can be mixed together. Mixing with fluids that do not meet or exceed MIL-H-5606-G may damage the equipment and WILL void warranty. Use of hydraulic fluids with equivalent specifications to those listed here are acceptable.
- 22. Check all hose routing are secured. Inspect for leaks on all hose connections.
- 23. When all welding has been completed, paint all the welds and shims.

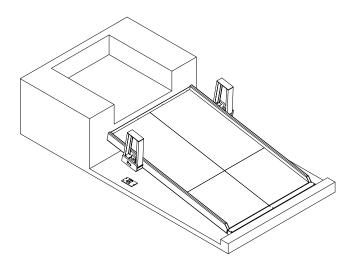
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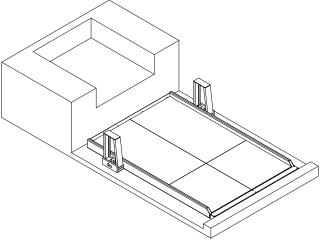
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Put New Truck Leveler Into Service

- 1. Check that the leveler is flush with the surface and that the platform lip/ front hinge trunnion weldment contacts approach evenly.
- If an excessive transition exists between the truck leveler and lip/ front hinge trunnion weldment to the approach, contact Technical Services for further instructions.
- 3. Turn the main electrical power ON.
- 4. Depress the RAISE button and hold until leveler platform is fully raised.
- 5. Release RAISE button, the platform will stop and stay at that position.



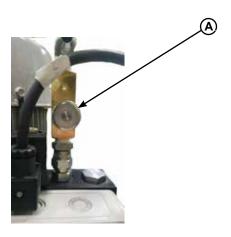
- To lower the platform depress and hold the LOWER button, the platform will lower to the stored position.
- 7. Perform steps 4-6 at least four times make sure the leveler functions properly, purging any air in the systems and that there is no binding.



NOTE: The truck leveler will lower very slowly with out the transport vehicle on it.

- 8. To adjust the down speed, turn the flow control (A) clock wise to slow the unit down and counter clock wise to increase the speed.
- 9. The unit has safety velocity fuses on both main cylinders incase of a hose break.

NOTE: If the flow control is turned out too far the unit will lock up under its own weight. Adjust the flow control clock wise and run the unit again.



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INSTALLATION

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Operating Instructions

ADANGER

Stay clear of truck leveler when transport vehicle carrier is entering or leaving truck area.

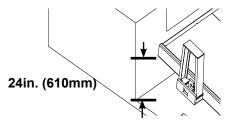
DO NOT move or use the truck leveler if anyone is under, on or in front of leveler.

Keep hands and feet clear of pinch points. Avoid putting any part of your body near moving parts.

- 1. Check to make sure transport vehicle is positioned squarely against both dock bumpers.
- 2. Instruct driver to remain at the dock until the loading or unloading process has been completed.
- Chock the transport vehicle wheels or use the vehicle restraint if available.
- 4. Depress RAISE button (F) on the control panel to raise to the desired height of the transport vehicle.
- 5. Depress the LOWER button(G) on the control panel which lower the unit to the desired height of the transport vehicle.
- 6. When loading or unloading is finished, lower the platform by depressing and holding LOWER button (G) until the unit is completely stored.
- Remove chocks from transport vehicle wheels or release the vehicle restraint if used.
- 8. Indicate to driver that transport vehicle may leave the dock.



!WARNING



The PowerLift Truck Leveler is designed to compensate for a maximum + 24 in.(610mm)* of height difference between the loading dock floor and the approach.

*Service height may vary with design specifications

DO NOT overload the truck leveler.

DO NOT operate any equipment while under the influence of alcohol or drugs.

DO NOT leave equipment or material unattended on the truck leveler.

MARNING

Only trained personnel should operate the truck leveler.

DO NOT use a broken or damaged truck leveler. Make sure proper service and maintenance procedures have been performed on leveler before using.

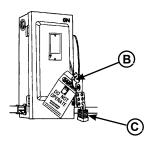
Transport vehicle wheels must be chocked unless the vehicle restraint is used. Never remove the wheel chocks until loading/unloading is finished and transport vehicle driver has been given permission to leave.

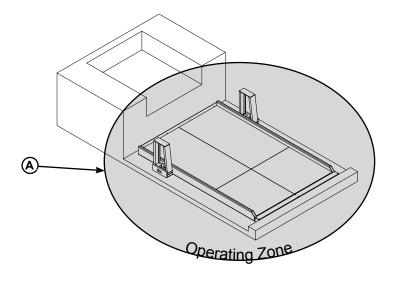
Make sure platform lip rests on the transport vehicle bed with at least 4 in. (102 mm) of overlap.

Maintain a safe distance from side edges of leveler during the loading/unloading process.

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Service Truck Leveler Safely





A— Operating Zone

B —Tag Out Device

C —Lock Out Device

!WARNING

When service under the truck leveler is required, always lock all electrical disconnects in the OFF position after raising the platform and support by alternate means This alternate means may include, but not limited to a boom truck, fork truck, stabilizing bar or equivalent.

!WARNING

Always stand clear of the truck leveler when in motion.

∴WARNING

Always post safety warnings and barricade the work area at truck level and dock level to prevent unauthorized use of the truck leveler before maintenance is complete.

Whenever performing maintenance under the truck leveler platform, support the platform with the alternate means. Lock Out/Tag Out the power supply with OSHA approved lockout/tag out device* (B&C).

Only the person servicing the equipment should have the capability to remove the lockout/tag out devices. The Tag out devices* must inform that repairs are in process and clearly state who is responsible for the lockout condition.

- * Refer to OSHA regulation 1910.146. Confine Space
- * Refer to OSHA regulation 1910.147. Lockout/Tagout

MAINTENANCE

Periodic Maintenance

Regular maintenance must be performed on a weekly and quarterly schedule. Follow all safety precautions.

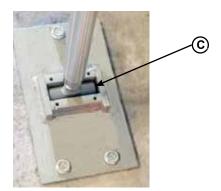
Weekly Maintenance

- Clean from around and on top of truck leveler, dirt and debris that would cause abnormal operation
- Check the hydraulic fluid level on the site glass(A). Fill with only recommended fluids P.12.
- Check hose connection for leaking fluids, replace or repair as needed.
- Check fluid filter gage replace when indicated on dial (B).
- Operate the truck leveler through the complete operating cycle to maintain lubrication.

Quarterly Maintenance

- Perform Weekly Maintenance Items
 Lubricate the following areas with white lithium grease:
- Trunnion Hinge Weldment and pins(C).
- Platform main cylinder pivots(D).
- Verify main systems pressure is set at 2100 psi(E) See Adjustments.
- Check all anchors are torqued to vendor specifications.
- Inspect the platform hinge and the lip hinge areas.
 Look for cracks in the welds or damage. The hinge areas must be kept free of dirt and debris.
 Build-up of foreign material in the hinge areas will cause abnormal operation.
- Inspect the area under the platform, look for cracks in the welds or damage. Build-up of foreign material in this area may damage components, causing abnormal operation.





Straps removed for clarity





NOTICE

Failure to properly lubricate the truck leveler will cause abnormal operation of the leveler.

WARNING

When service under the truck leveler is required, always lock all electrical disconnects in the OFF position after raising the platform and support by alternate means This alternate means may include, but not limited to a boom truck, fork truck, stabilizing bar or equivalent.

MARNING

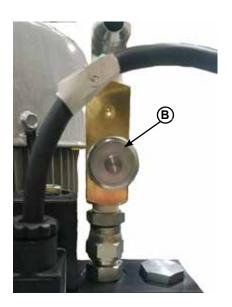
Always post safety warnings and barricade the work area at truck level and dock level to prevent unauthorized use of the truck leveler before maintenance is complete.

MARNING

Always stand clear of the truck leveler when in motion.



Main system pressure relief (A), factory setting is 2100psi MAX. Loosen jamb nut and turn clock wise to increase the pressure or counter clock wise to reduce the pressure.



Flow control valve(B), controls the down speed of the truck leveler. Loosen the set screw and turn the knob clock wise to slow the unit down, or counter clock wise to increase the speed down.

NOTE: If unit comes down too fast is may lock up the velocity fuses. Adjust the flow control clock wise and depress the RAISE button to run the unit again.

ADJUSTMENTS

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TROUBLESHOOTING

∴WARNING

When service under the truck leveler is required, always lock all electrical disconnects in the OFF position after raising the platform and support by alternate means This alternate means may include, but not limited to a boom truck, fork truck, stabilizing bar or equivalent.

MARNING

Always post safety warnings and barricade the work area at truck level and dock level to prevent unauthorized use of the truck leveler before maintenance is complete.

MARNING

Always stand clear of the truck leveler when in motion.

Before performing the detailed troubleshooting procedures, check the following items first:

- Check all fuses and circuit breakers. Replace any blown fuse(s) with a fuse of equal specification and reset circuit. If applicable.
- Make sure the correct voltages are present at the proper locations inside the control panel(s). If applicable.

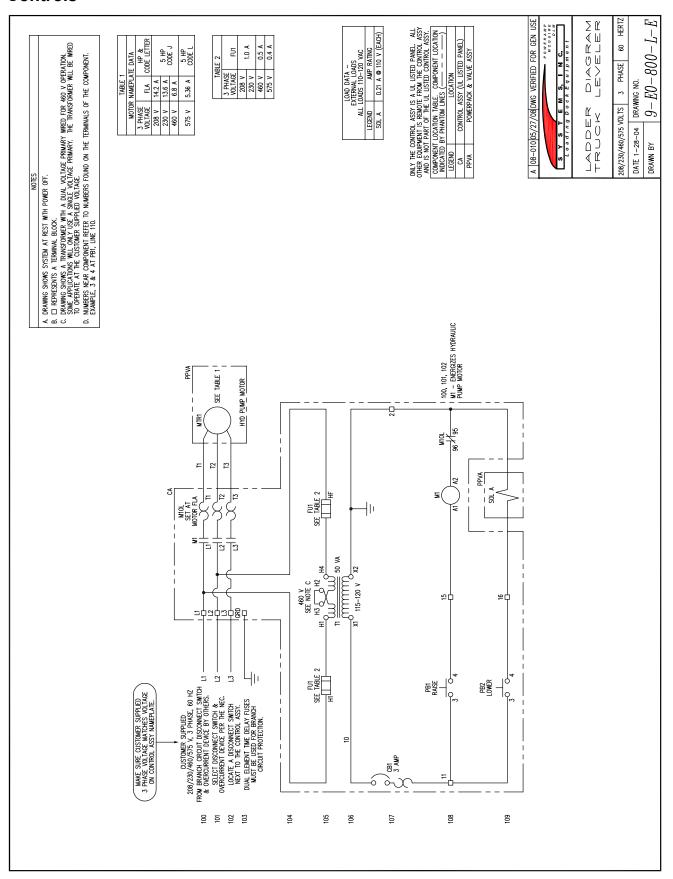
TROUBLESHOOTING

Symptom	Possible Cause	Solution
	Low Oil	Look at site glass on the power unit
Platform does not raise	No voltage	Check breakers if okay check voltage at control box. Check fuses.
	Low pressure relief	Check pressure setting adjust to 2100 psi
	Motor wired incorrectly	Verify wiring at the motor, J Box and Control box.
Platform rises slowly	Low oil	Look at site glass on the power unit
i lationii rises siowiy	Low pressure relief	Check pressure setting adjust to 2100 psi
Platform does not lower	Solenoid coil not getting power	Check voltage to coil,on power pack, if power then replace coil
	Velocity fuse locked up	Adjust flow control clock wise, depress RAISE button

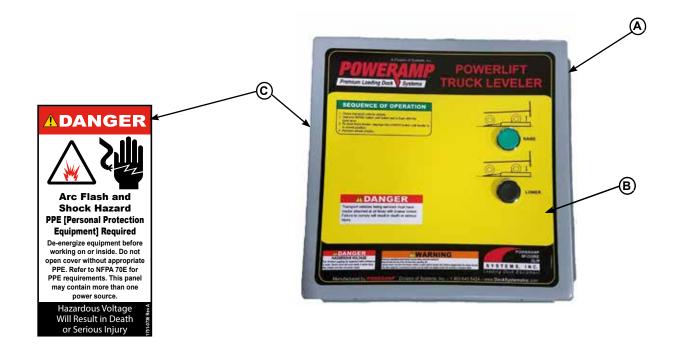
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Electrical

Controls



Electrical Control



Item	Quantity	Part Number	Description
Α	1	9-E0-800-L-B	Push Button Controller, Poweramp Label
В	1	1751-0500	Decal (English)
С	1	1751-0736	Decal, Arc Flash

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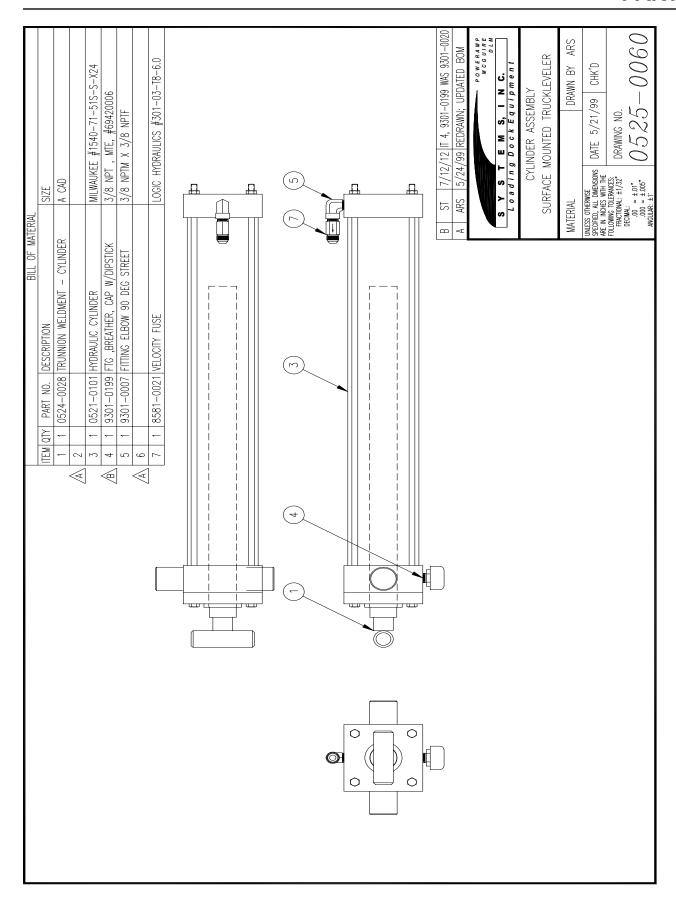
PARTS



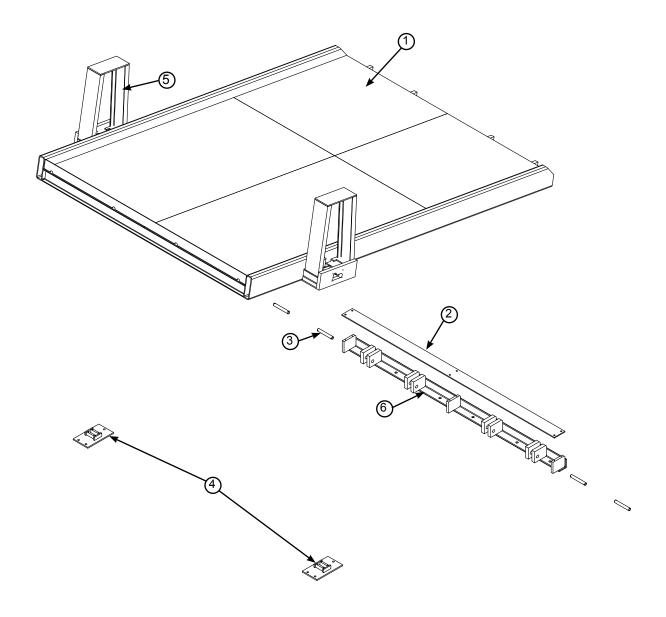
Item	Quantity	Part Number	Description
1	1	0521-0077	FTG, Tee, Union #8JIC
2	2	9904-0057	Hyd, Hose 1/2" x 108 Lg #8 JICF both ends
3	1	9904-0120	Hyd, Hose 1/2" x 300 Lg #8 JICF both ends



Power Pack - Consult Factory



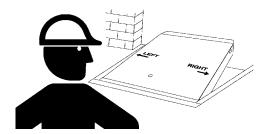
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Item	Quantity	Part Number	Description
1	1	Custom*	Platform Assembly
2	1	Custom*	Trunnion Cover
3	4	Custom*	Front Trunnion Pin
4	2	Custom*	Main Cylinder Trunnions
5	4	0011-0018	Cover, Cylinder Tower
6	1	Custom*	Front Trunnion Weldment

^{*}Provide truck leveler serial number and size of platform when calling or placing an order.

Customer Information





NOTE: Refer to illustration for left/right orientation of truck leveler.

The model/serial number decal (A) is located on the front of the power pack assembly.

When you receive your PowerLift-Series truck leveler, write down the truck leveler model and serial number in the form provided. This will help ensure safe keeping of the numbers in the event the model/serial number decal (A) becomes lost or damaged.

Also, write down Systems, Inc.'s job number, the company that installed the truck leveler, and the original owner's name. This will all help to identify the specific truck leveler if more information is required.

When ordering, use part numbers and description to help identify the item ordered. Do not use "item" numbers. These are only for locating the position of the parts. Always give truck leveler MODEL NUMBER and/or SERIAL NUMBER.

For service, call or contact:

Systems, Inc. P.O. Box 309 Germantown, WI 53022

Phone: (800) 643-5424 Fax: (262) 255-5917

E-mail: techservices@docksystemsinc.com

<u>Truck Leveler Information</u>
Model
Serial No.
Systems, Inc., Job No
Original Owner Information
Name
Address
Installer Information
Name
Address
Date of Installation

STANDARD PRODUCT WARRANTY

SYSTEMS, INC. warrants that its products will be free from defects in design, materials and workmanship for a period of one (1) year from the date of shipment. All claims for breach of this warranty must be made within 30 days after the defect is or can with reasonable care, be detected. In no event shall any claim be made more than 30 days after this warranty has expired. In order to be entitled to the benefits of this warranty, the product must have been properly installed, maintained and operated in accordance with all manufacturer's recommendations and/or specified design parameters and not otherwise have been subject to abuse, misuse, misapplication, acts of nature, overloading, unauthorized repair or modification, application in a corrosive environment or lack of maintenance. Periodic lubrication, adjustment and inspection in accordance with all manufacturers' recommendations are the sole responsibility of the Owner/User.

In the event of a defect, as determined by SYSTEMS INC., covered by this warranty, SYSTEMS INC. shall remedy such defect by repairing or replacing any defective equipment or parts, bearing the cost for the parts, labor and transportation. This shall be exclusive remedy for all claims whether based on contract, negligence or strict liability.

WARRANTY LIMITATIONS

THE ABOVE WARRANTIES ARE IN LIEU OF ANY OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SYSTEMS INC. AND ITS SUBSIDIARIES SHALL NOT IN ANY EVENT BE LIABLE TO ANYONE, INCLUDING THIRD PARTIES, FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY KIND INCLUDING BUT NOT LIMITED TO, BREACH OF WARRANTY, LOSS OF USE, LOSS OF PROFIT, INTERRUPTION OF BUSINESS OR LOSS OF GOODWILL.