

## ***Direct Push***

Models

PCK-3530-DP

PCK-3530-2DP

PCK-530-DP

PCK-530-2DP

***Operator's Manual and Installation Instructions***

## **Primary Mover**

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April 20, 2021

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## INTRODUCTION

This manual covers proper hoist installation, hydraulic connections, wiring and service of the Primary Mover hoists..

**NOTICE: READ THIS ENTIRE MANUAL BEFORE ATTEMPTING TO INSTALL ANY COMPONENT CONTAINED IN THE HOIST KIT.**

**This manual should be kept at all times with the trailer, jack, hoist or other equipment or device(s) with which this Primary Mover product is used or installed.**

**NOTE: Installation of Primary Mover products on your truck or trailer or other equipment may void or affect the truck or trailer or equipment warranty – contact the manufacturer to ensure continued warranty coverage or conditions or exceptions to warranty that may be affected.**

## IMPORTANT INFORMATION

Jack Model Number:	
Jack Serial Number:	
Pump Installation and Operation Manual Number:	
In Service Date:	
Dealer:	
Address:	
City, State, Zip:	
Dealer Phone Number:	



## STANDARD WARRANTY AND WARRANTY EXTENSIONS

### → STANDARD WARRANTY

Premium Supply makes no express warranty for this product except those specifically set forth herein. Premium Supply warrants its products to be free from defect in design, material and workmanship for a period of 36 months from original date of purchase, and to be suitable for and to perform in accordance with the use(s) and specifications stated in product materials. This warranty supersedes all other warranties. Except for warranties herein stated, there are no other warranties.

**EXCLUSION OF IMPLIED WARRANTIES: PREMIUM SUPPLY MAKES NO WARRANTY OF MERCHANTABILITY OF THE GOODS SOLD UNDER THIS AGREEMENT. PREMIUM SUPPLY MAKES NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OF THE GOODS SOLD.**

This warranty applies only to parts manufactured by Premium Supply. Components not manufactured by Premium Supply shall be covered under the original manufacturer's warranty. Premium Supply will assist in administering all such warranties. If a defect in a product is discovered and is covered by this warranty, Premium Supply will have the option to repair, refurbish or replace any warranted item(s), such option to be exercised in Premium Supply's sole discretion. This warranty inures to the benefit of the original purchaser only, is non-transferable, and has no cash value

### → WARRANTY EXTENSIONS

If the following conditions are met, the standard warranty will be extended as stated below if (1) the hydraulic oil is purchased from Premium Supply and (2) all single acting circuits are plumbed with a hydraulic hose installed on both sides of the cylinder.

**4 years** for battery optimizer kit that include:

20 amp. road charger with 7 way

5 amp battery charger

SP-3 – 3watt SolarPulse panel

**5 years** for battery optimizer heavy duty kit that includes:

20 amp. road charger with 7 way

8 amp, battery charger

SP-7-7 watt SolarPulse panel

**6 years** for battery optimizer extreme heavy duty kit that includes:

20 amp. road charger

18 amp. battery charger

SP-12-12 watt SolarPulse panel

### → EXCLUSIONS

This warranty covers only defects in design, manufacturing and/or materials discovered while using the product as recommended by the manufacturer. The warranty does not cover: (1) loss or theft; (2) product failure or damage caused by user abuse or neglect, improper use, improper installation, improper maintenance, improper storage, or improper or unauthorized modification(s); (3) parts that are subject to normal wear and tear; (4) paint, finishes or paint preparation performed by anyone other than Premium Supply; (5) deterioration of paint and/or appearance caused by normal wear and tear and/or exposure to natural elements; (6) modifications not authorized by Premium Supply; and/or (7) loss brought about by natural disaster or acts of God. This warranty becomes VOID and of no force or effect upon modifications to product component performed by anyone other than Premium Supply if such modifications are not authorized by Premium Supply.

→ LIMITS OF LIABILITY

Should the product fail, the sole recourse is repair or replacement, as described in the preceding paragraphs. Premium Supply is not liable to any party for direct, indirect or consequential damage(s) resulting from failure of the product. Under no circumstances will Premium Supply be responsible for lost profit, lost savings, damage to other equipment, rental or replacement costs, or other incidental or consequential damages arising from use or inability to use the product. Damages, if any, recoverable against Premium Supply shall under no circumstances exceed the current list price of the product excluding tax, shipping and handling charges

**By using the product, user accepts all terms stated herein. Premium Supply reserves the right to make improvements to any model or product without notice.**

### SAFETY FIRST

IT IS YOUR DUTY AND RESPONSIBILITY TO COMPLETELY READ THROUGH AND UNDERSTAND THIS MANUAL AND ALL OTHER MATERIALS PROVIDED WITH PREMIUM SUPPLY PRODUCT(S)(INCLUDING MATERIALS PROVIDED BY THIRD PARTY MANUFACTURERS) BEFORE ATTEMPTING ANY INSTALLATION OR OPERATION OF PREMIUM SUPPLY OR THIRD PARTY PRODUCT(S) SUPPLIED BY PREMIUM SUPPLY. IF AT ANY TIME YOU HAVE QUESTIONS ABOUT THE INSTALLATION OR OPERATION OF PREMIUM SUPPLY OR PREMIUM SUPPLY SUPPLIED PRODUCT(S) OR ABOUT THE CONTENTS OF THIS MANUAL, CONTACT PREMIUM SUPPLY BEFORE PROCEEDING WITH THE CONTEMPLATED INSTALLATION OR OPERATION. PREMIUM SUPPLY IS NOT RESPONSIBLE FOR PROPERTY DAMAGE OR PERSONAL INJURY OR DEATH THAT MAY OCCUR FOR YOUR FAILURE TO COMPLY WITH THESE REQUIREMENTS.



This symbol is used to call attention to instructions concerning personal safety. Be sure to observe and follow these instructions. Take time to read thoroughly and to be careful!

A brief description of signal words that are used in this manual follows:



**DANGER**

Indicates an imminently hazardous situation which, if not avoided, WILL result in property damage, death or serious injury.



**WARNING**

Indicates a potentially hazardous situation which, if not avoided, COULD result in property damage, death or serious injury and includes hazards that are exposed when guards are removed.





**CAUTION**


Indicates a potentially hazardous situation which, if not avoided, MAY result in property damage or minor or moderate person injury including death. It is also used to alert against unsafe practices.


## SAFETY PRECAUTIONS


Installing or operating this hoist without first understanding proper installation and operation procedures could lead to serious injury or death. Always read and fully understand all installation and operation manuals before installing or operating this equipment. Contact Primary Mover with any questions.

 **WARNING** Overloading a trailer could cause vehicle or trailer component damage resulting in injury or death. NEVER exceed the gross vehicle weight (GVW) or gross axle weight (GAW) rating of the trailer or your vehicle.

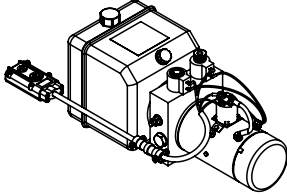
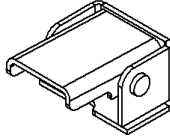
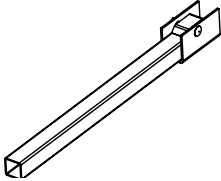
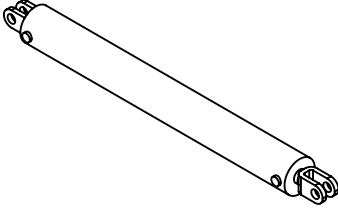
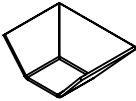

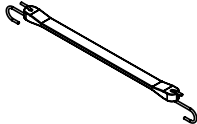
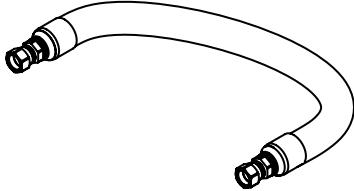
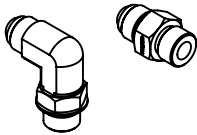
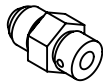
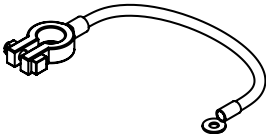
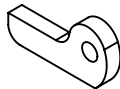
 **WARNING** Damage to brake lines during manufacturing and installation of the hoist, as well as installing any hardware (bolts, nuts, brackets) in a way that they may rub and damage the brake system, could lead to brake failure. This can cause an accident that could cause injury or death. ALWAYS take adequate steps to prevent brake system damage during installation of the hoist, and take precaution to ensure that installed equipment does not interfere with brake system.

 **WARNING** Malfunctioning equipment could cause property damage, injury or death. ALWAYS have faulty equipment repaired before continuing use. Consult the trailer manufacturer if required.

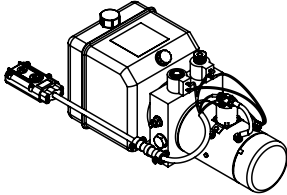
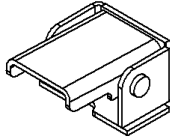
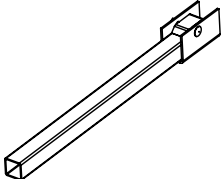
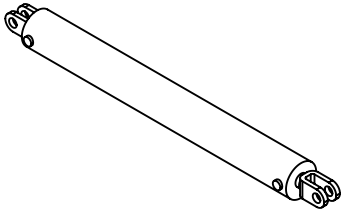
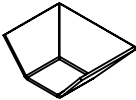

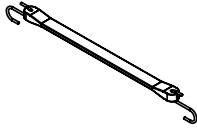
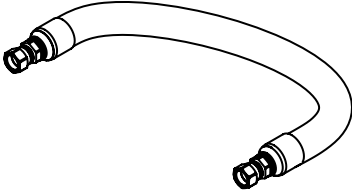
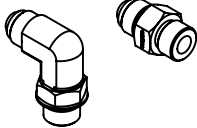
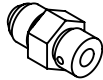
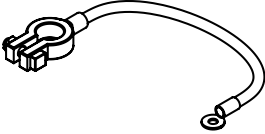
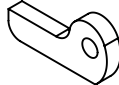
 **WARNING** Welding, oxy-fuel cutting, or grinding could cause fuel to ignite. This could lead to injury or death. ALWAYS take adequate steps to avoid the ignition of fuel from fuel tanks when welding, oxy-fuel cutting, and/or grinding during installation. Heat from the vehicles exhaust system could cause hydraulic component failure. This could lead to a fire that can lead to injury or death. ALWAYS install equipment in locations where the exhaust system heat will not damage any components critical to operation.

 **WARNING** Never attempt to jerk or shock the trailer body with the body raised to remove a stuck load. Jerking or shocking the trailer in this position can cause damage that could result in injury or even death. NEVER drive forward or reward and stop quickly to “un-stick” the load. If load is stuck, lower trailer body and free load.

**PARTS INCLUDED IN PCK-3530-DP KIT**

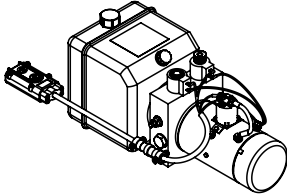
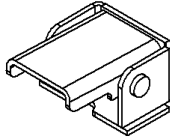
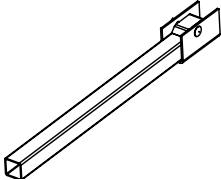
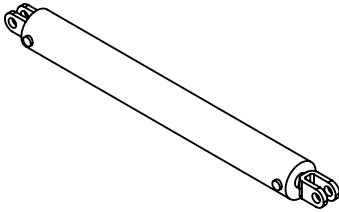
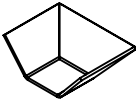

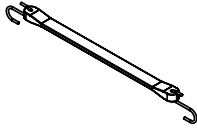
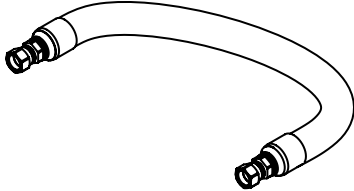
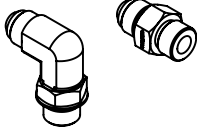

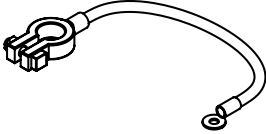
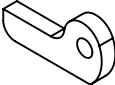
 <p>Hydraulic Power Unit (HPU) Double Acting</p>	 <p>Two Hinges (Styles Vary)</p>
 <p>Safety Arm</p>	 <p>3.5 x 30 cylinder</p>
 <p>Safety Arm Cup</p>	 <p>Safety Arm Storage Bracket</p>
 <p>Rubber Battery Strap</p>	 <p>Hydraulic Hose Between HPU and Cylinder</p>
 <p>Hydraulic Fittings</p>	 <p>Bridon Load Control</p>
 <p>Battery Cables</p>	 <p>Two Cylinder Supports</p>

**PARTS INCLUDED IN PCK-530-DP KIT**

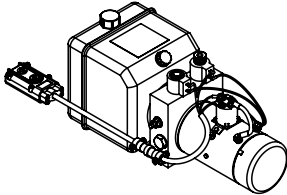
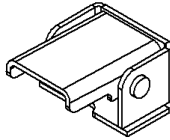
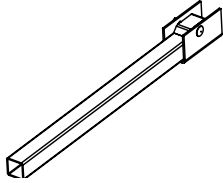
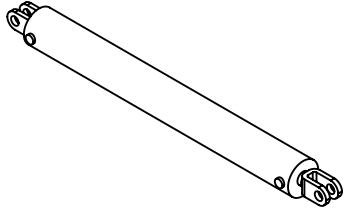
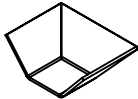

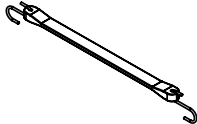
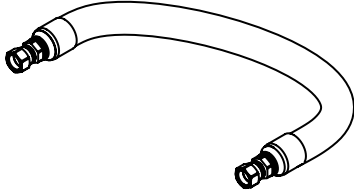
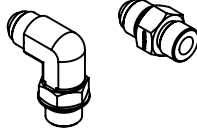
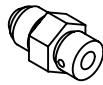
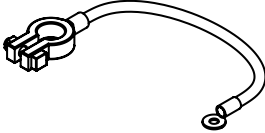
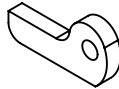
 <p>Hydraulic Power Unit (HPU) Double Acting</p>	 <p>Four Hinges (Styles Vary)</p>
 <p>Safety Arm</p>	 <p>5 x 30 cylinder</p>
 <p>Safety Arm Cup</p>	 <p>Safety Arm Storage Bracket</p>
 <p>Rubber Battery Strap</p>	 <p>Hydraulic Hose Between HPU and Cylinder</p>
 <p>Hydraulic Fittings</p>	 <p>Bridon Load Control</p>
 <p>Battery Cables</p>	 <p>Two Cylinder Supports</p>



**PARTS INCLUDED IN PCK-3530-2DP KIT**

 <p>Hydraulic Power Unit (HPU) Double Acting</p>	 <p>Four Hinges (Styles Vary)</p>
 <p>Safety Arm</p>	 <p>Two 3.5 x 30 cylinder</p>
 <p>Safety Arm Cup</p>	 <p>Safety Arm Storage Bracket</p>
 <p>Rubber Battery Strap</p>	 <p>Hydraulic Hose Between HPU and Cylinder</p>
 <p>Hydraulic Fittings</p>	 <p>Bridon Load Control</p>
 <p>Battery Cables</p>	 <p>Four Cylinder Supports</p>

**PARTS INCLUDED IN PCK-530-2DP KIT**

 <p>Hydraulic Power Unit (HPU) Double Acting</p>	 <p>Four Hinges (Styles Vary)</p>
 <p>Safety Arm</p>	 <p>Two 5 x 30 cylinder</p>
 <p>Safety Arm Cup</p>	 <p>Safety Arm Storage Bracket</p>
 <p>Rubber Battery Strap</p>	 <p>Hydraulic Hose Between HPU and Cylinder</p>
 <p>Hydraulic Fittings</p>	 <p>Bridon Load Control</p>
 <p>Battery Cables</p>	 <p>Four Cylinder Supports</p>



## SAFETY ARM INSTALLATION AND USE

**WARNING** Always support an unloaded body with the safety arm. The safety arm is meant to support the weight of an unloaded body only.

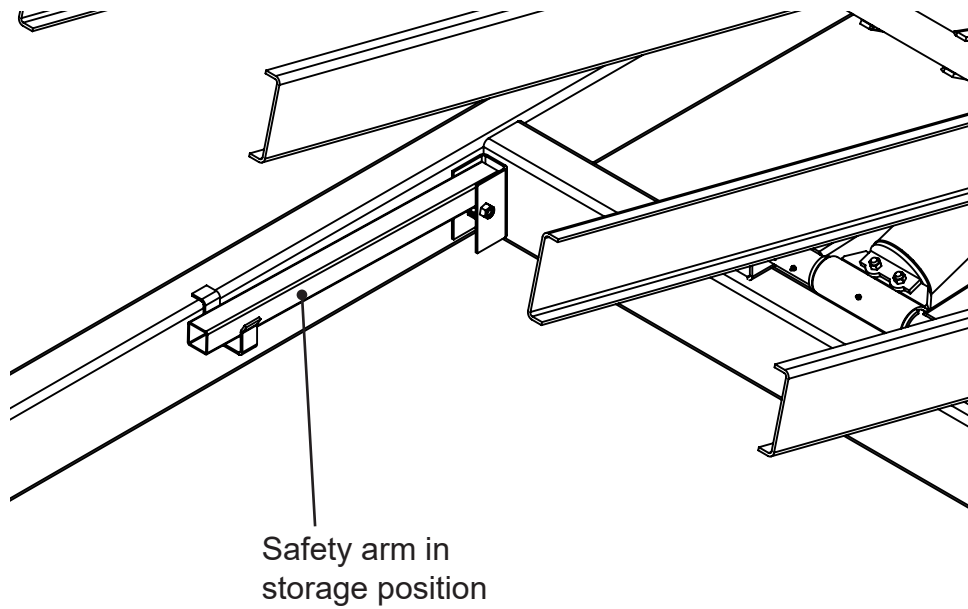
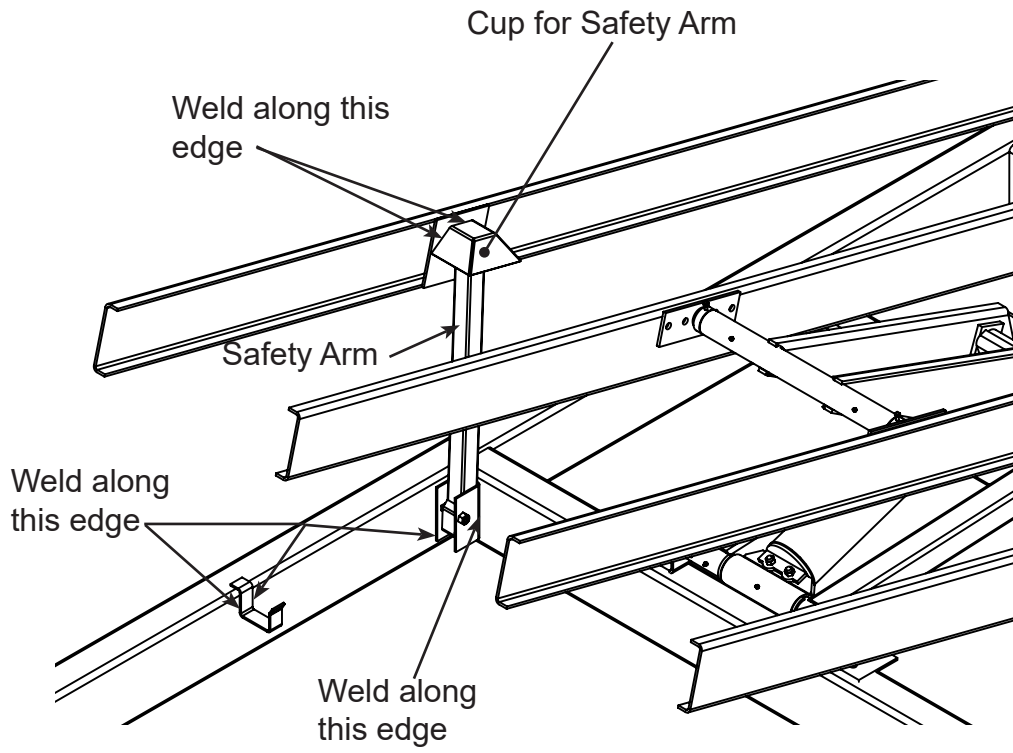
**DANGER** Being under a raised body could result in serious injury or death should the body unexpectedly descend. Never position yourself or allow others to position themselves under a loaded body. Always support an unloaded body with the supplied safety arm. NEVER use the safety arm on a loaded body.

Safety Arm Use:

1. Raise trailer body to sufficient height and shut off hydraulic power to hoist.
2. Grasp safety arm and rotate into the up/vertical position.
3. Once vertical position is accomplished, push arm down into the support bracket at base of arm.
4. **SLOWLY** lower the hoist and body until the cup contacts the vertical facing arm.
5. Reverse the above procedure to place arm back in its hanger for transport (be sure to lower hoist to full down position upon placing arm back in hanger).

### Maximum Unloaded Tilt Body Weight in Pounds Using One Safety Arm

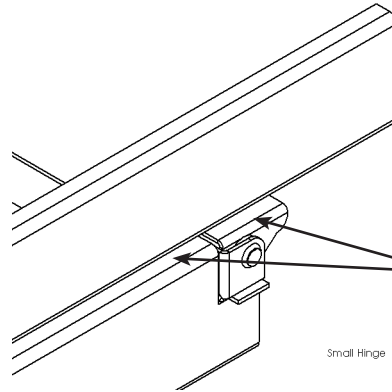
		Trailer tilt body length in feet						
		8	10	12	14	16	18	20
Distance between rear hinge and safety arm in inches	50	3854	3083	2569	2202	1927	1713	1542
	60	4625	3700	3083	2643	2313	2056	1850
	70	5396	4317	3597	3083	2698	2398	2158
	80	6167	4933	4111	3524	3083	2741	2467
	90	6938	5550	4625	3964	3469	3083	2775
	100		6167	5139	4405	3854	3426	3083
	110		6783	5653	4845	4240	3769	3392
	120		7400	6167	5286	4625	4111	3700
	130			6681	5726	5010	4454	4008
	140			7194	6167	5396	4796	4317
	150				6607	5781	5139	4625
	160				7048	6167	5481	4933
	170					6552	5824	5242
	180					6938	6167	5550
	190					7323	6509	5858
	200						6852	6167
	210						7194	6475
220							6783	
230							7092	



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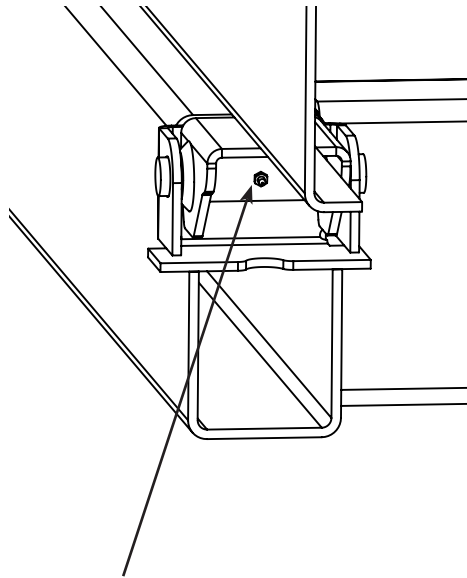
## SINGLE HINGE INSTALLATION AND LUBRICATION

NOTE: Style of hinge could vary from that shown.



Mount hinge so pad of hinge is level with trailer frame.

Center hinge on support and weld hinge to support at all contact surfaces.

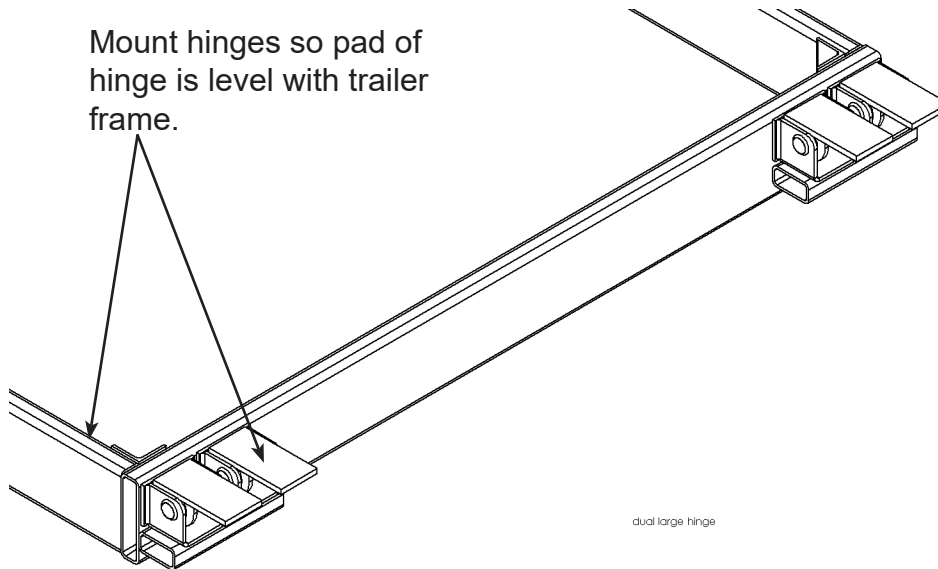


Lubricate the joint with EP3 grease every 6 months

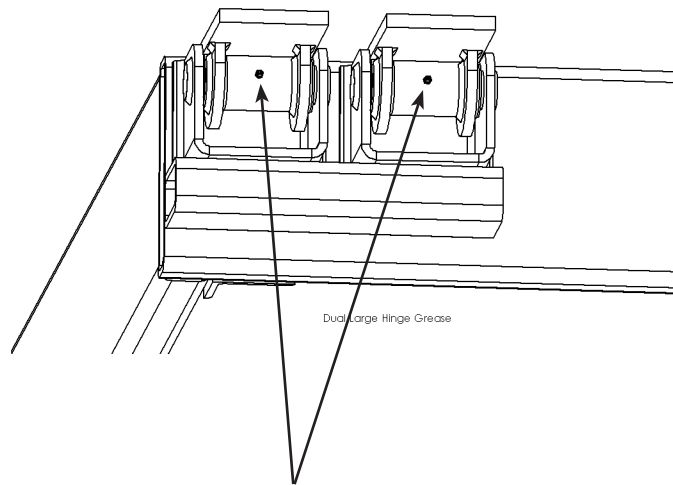
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## DUAL HINGE INSTALLATION AND LUBRICATION

Mount hinges so pad of hinge is level with trailer frame.



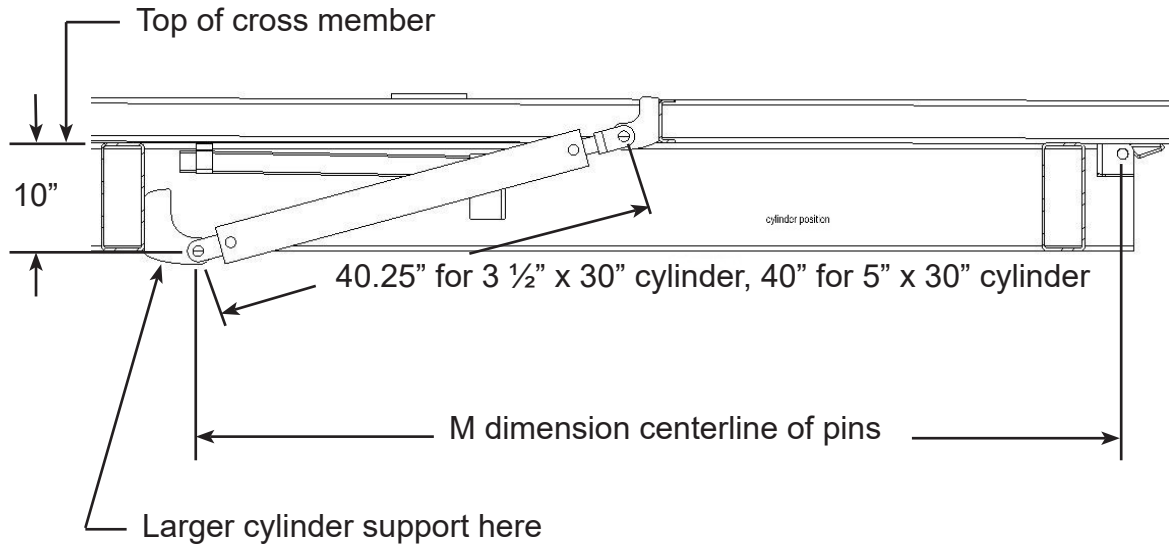
dual large hinge



Dual Large Hinge Grease

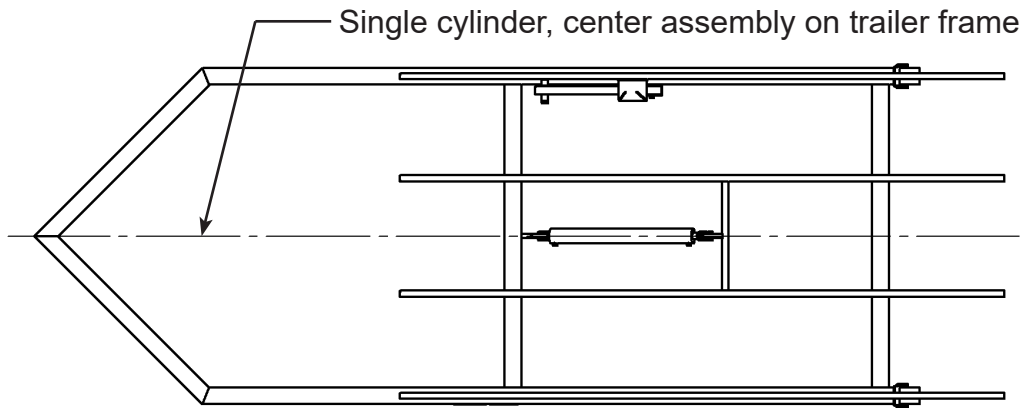
Lubricate the joint with EP3  
grease every 6 months

## CYLINDER LOCATION ON TRAILER

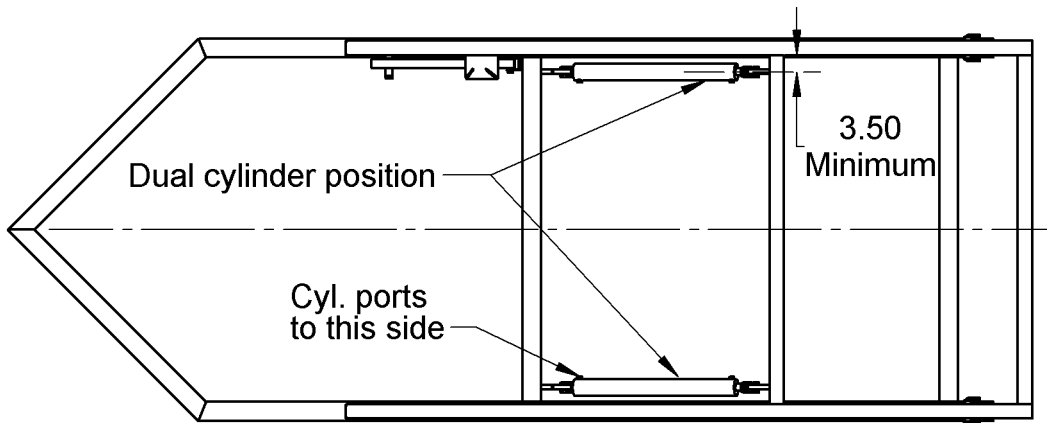


Maximum Dump Angle $\pm 2^\circ$	"M" Dimension
25	125
30	110
35	99
40	91
45	86
50	79

**WARNING** The PCK-3530 DP cylinder is capable of 31,000 lbs of push and the PCK-530-DP cylinder is capable of 63,000 lbs of push. Improper sizing, mounting and welding of the cylinder and hinge supports could result in support failure.



complete trailer assembly DP top view



Complete Trailer Assy, Dual DP



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## SINGLE AND DUAL ACTING HYD. POWER UNIT INSTALLATION

If included with the kit, mount HPU (hydraulic power unit) in a weather tight enclosure on the trailer. See additional instructions supplied with the HPU for mounting, electrical, wireless remote and hydraulic fluid requirements.

**CAUTION** Hydraulic components that are not provided by Primary Mover and are used in the hydraulic circuit that are incompatible with Primary Mover components may cause damage to, or failure or malfunction of, the direct push cylinder or other components of the Primary Mover product(s). Such damage, failure or malfunction may cause property damage, personal injury or even death. It is the purchaser's responsibility to verify the compatibility of components not provided by Primary Mover.

**WARNING** Connecting the jack to a hydraulic system with more pressure (PSI) or flow (GPM) than is recommended by Primary Mover could cause the jack to fail during operation. Such failure could cause property damage, personal injury, or even death. Ensure that you have pressure that does not exceed tolerances and limits stated for your Primary Mover product(s)/component(s), and that there is no restriction or issue concerning flow before operation. Consult Primary Mover if you are unsure about the limits, capacities and/or tolerances of your hydraulic system.

**WARNING** Adjusting the hydraulic pressure to exceed the recommended limits or setting could cause the jack to fail during operation. Such failure could cause property damage, personal injury, or death. Pressure should ONLY be adjusted by a trained and qualified technician or mechanic, and should never exceed stated limits or settings of components used.

### Hydraulic System Pre-Operation

The hydraulic system supplied by Premium Supply consists of components (pump, valves, reservoir, hoses, cylinder, etc.) that are designed to be compatible with each other.

All Premium Supply's liability and warranty will be voided if determined by Premium Supply that substituted hydraulic components (i.e., hydraulic components not provided by Premium Supply as part of the kit) were used and such components were incompatible with components of the kit provided by Premium Supply. Hydraulic parameters are shown below. These are listed as a general guide to ensure proper compatibility (when using other hydraulic components). If you have any questions about component compatibility, please contact Primary Mover before installation, use or maintenance.

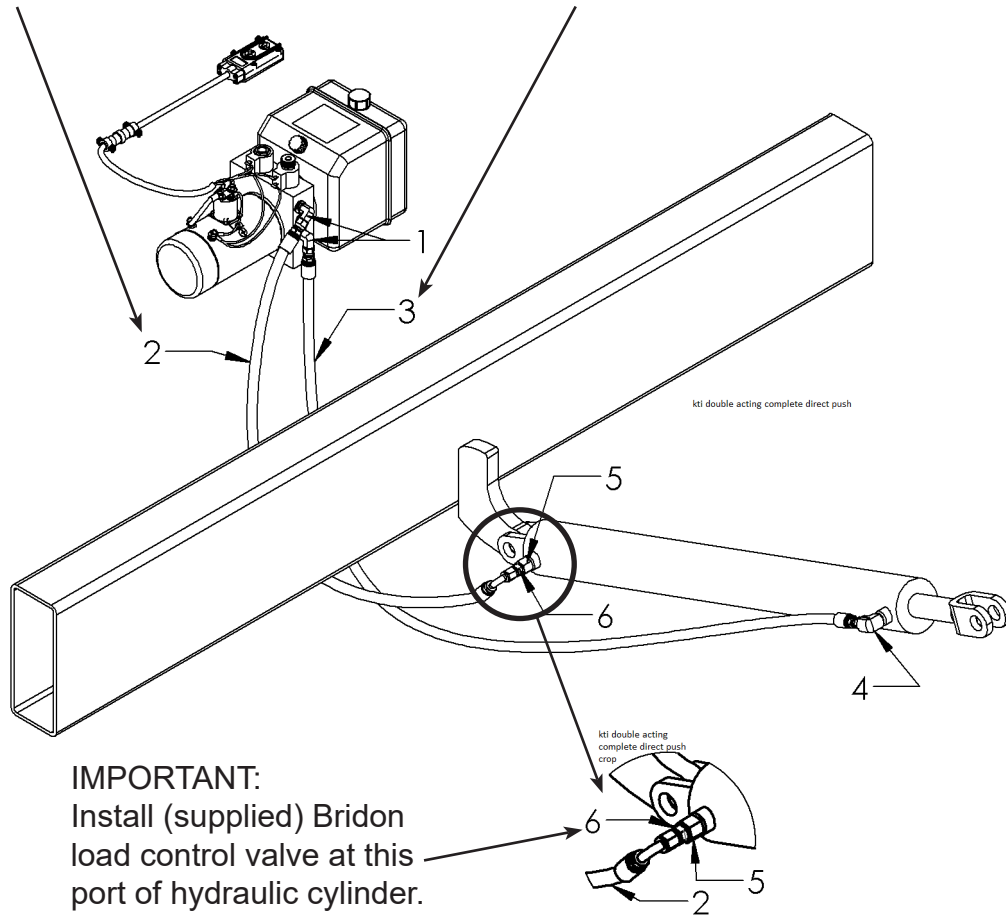
Maximum Working Pressure---3200 PSI  
Hydraulic Port Type--#6 JIC



Primary Mover  
Mandeville, LA

Body Up Hose Assy. (Supplied)  
Port "A" On hydraulic power  
unit 3200 PSI

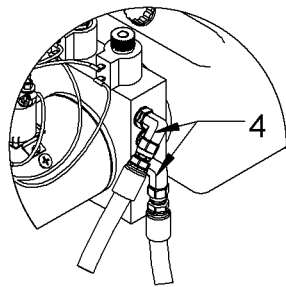
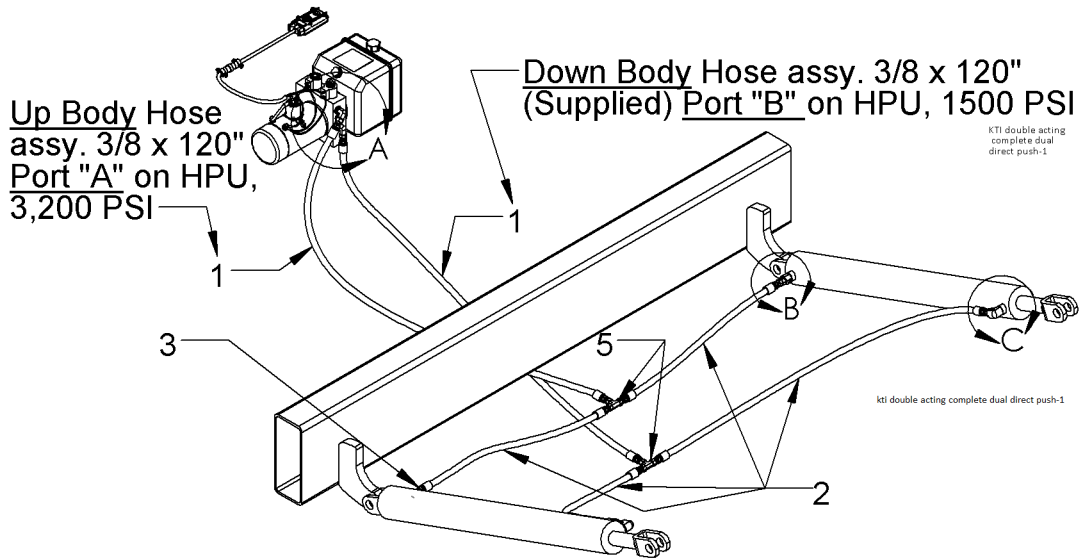
Body Down Hose Assy.(Supplied)  
Port "B" On hydraulic  
Power unit 1500 PSI



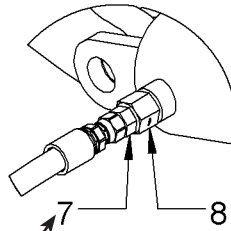
**IMPORTANT:**  
Install (supplied) Bridon  
load control valve at this  
port of hydraulic cylinder.

Maximum Hydraulic Flow Rate	2 GPM	Port
Maximum Pressure For "Raising" Portion of Cycle	3200 PSI	A
Maximum Pressure For "Lowering" portion of Cycle	1500 PSI	B

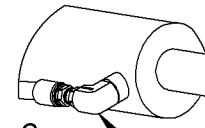
Item	Qty.	Part Number	Description
1	2	6801-06-06-FG	Fitting, #6 SAE Male x #6 JIC Male 90 Degree
2	1	6FJ-9017-6FJ90T-110"	Hose Assy, 110" x 3/8" Hyd. 4000PSI
3	1	6FJ-9017-6FJ-120"	Hose Assy, 120" x 3/8" Hyd. 4000PSI
4	1	2501-06-08-FG	Fitting, 1/2 NPT Male x #6 SAE Male 90 Degree
5	1	6404-06-08	Fitting, 1/2 NPT Male x #6 SAE Female Reducer
6	1	06-250-12-3.5	Bridon Load Control



DETAIL A



DETAIL B



Typical Other Cylinder  
DETAIL C

**IMPORTANT:**  
Install (supplied) Bridon load control valve at this port of hydraulic cylinder.

Maximum Hydraulic Flow Rate	2 GPM	Port
Maximum Pressure For "Raising" Portion of Cycle	3200 PSI	A
Maximum Pressure For "Lowering" Portion of Cycle	1500 PSI	B

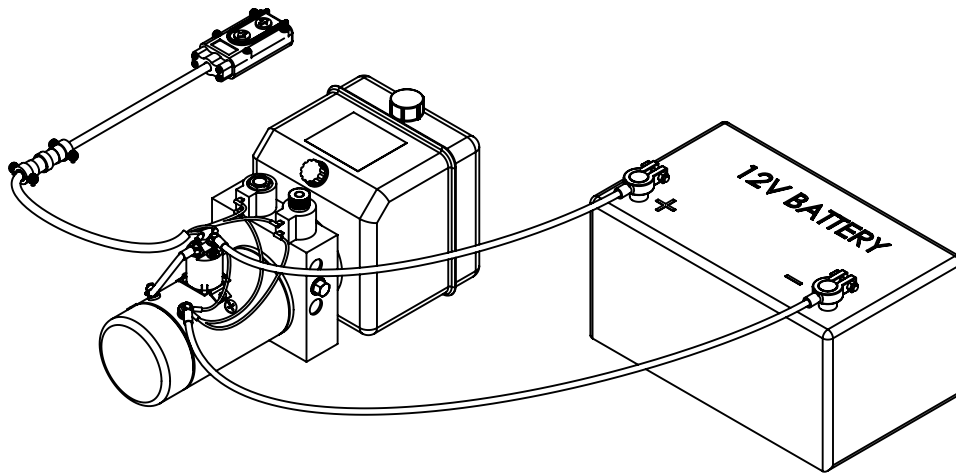
Item	Qty.	Part Number	Description
1	2	6FJ-9017-6FJ-120"	Hose Assy., 120" x 3/8 Hyd. 4000 Psi.
2	4	6FJ-9017-6FJ-48"	Hose Assy., 48" x 3/8 Hyd. 4000 Psi.
3	1	2404-06-08	Fitting, 1/2 NPT Male x #6 JIC Male Straight
4	2	6801-06-06-FG	Fitting, #6 SAE Male x #6 JIC Male 90 Degree
5	2	2603-06-06-06-FG	Fitting, #6 JIC Tee
6	2	2501-06-08-FG	Fitting, 1/2 NPT Male x #6 SAE Male 90 Degree
7	1	06-250-12-3-5	Bridon Load Control
8	1	6404-06-08	Fitting, 1/2 NPT Male x #6 SAE Female Reducer

## TYPICAL BATTERY HOOKUP



**WARNING** Shorting of the electrical system brought about by installation, servicing or repairing battery related connection and electrical components can cause sparks, ignition of combustible material and/or fire which in turn can lead to property damage, personal injury or death. ALWAYS disconnect the battery prior to installing, servicing, or repairing power unit.

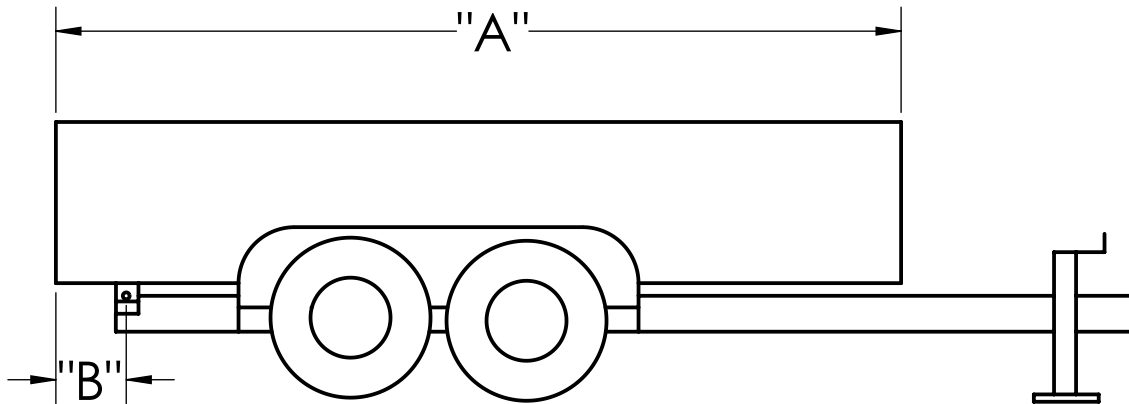
Mount battery in a weather tight enclosure on the trailer. See additional instructions supplied with the HPU for mounting, electrical and hydraulic fluid requirements.



It is highly recommended that the trailer battery be kept charged using one of the Pulse-tech products shown on Primary Mover website at <http://www.premium-supply.com/>

**PCK-3530-DP TRAILER APPLICATION DATA**

Capacity in Tons			
Trailer Length "A"	Overhang "B"	Dump Angle 45 Deg	Dump Angle 50 Deg
8'	12"	5.8	5.0
9'	12"	4.9	4.3
9'	18"	5.8	5.0
10'	12"	4.3	3.8
10'	18"	4.9	4.3
10'	24"	5.8	5.0
12'	12"	3.5	3.0
12'	18"	3.8	3.3
12'	24"	4.4	3.8
14'	12"	2.9	2.5
14'	18"	3.1	2.7
14'	24"	3.5	3.0
16'	12"	2.5	2.1
16'	18"	2.7	2.3
16'	24"	2.9	2.5



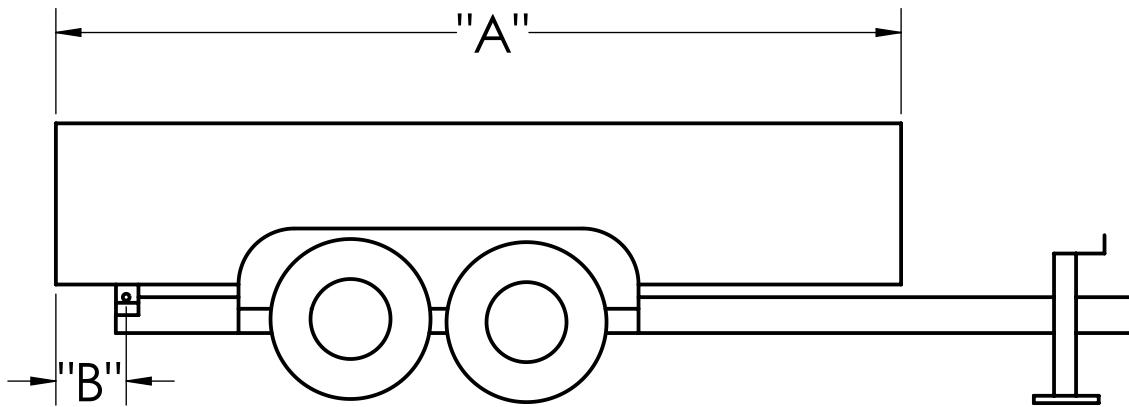
Capacities are based on the following:

1. Water level non-diminishing load.
2. The vertical height between the rear hinge pivot and the floor is no less than 3 inches.
3. The hydraulic relief pressure set at 3,200 psi.



### PCK-3530-2DP TRAILER APPLICATION DATA

Capacity in Tons			
Trailer Length "A"	Overhang "B"	Dump Angle 45 Deg	Dump Angle 50 Deg
8'	12"	11.6	10.0
9'	12"	9.8	8.6
9'	18"	11.6	10.0
10'	12"	8.6	7.6
10'	18"	9.8	8.6
10'	24"	11.6	10.0
12'	12"	7.0	6.0
12'	18"	7.6	6.6
12'	24"	8.8	7.6
14'	12"	5.8	5.0
14'	18"	6.2	5.4
14'	24"	7.0	6.0
16'	12"	5.0	4.2
16'	18"	5.4	4.6
16'	24"	5.8	5.0

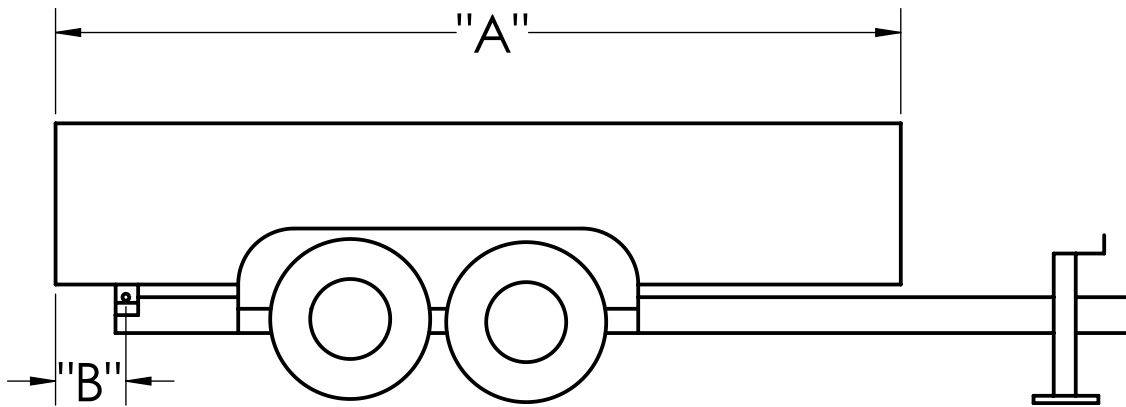


Capacities are based on the following:

1. Water level non-diminishing load.
2. The vertical height between the rear hinge pivot and the floor is no less than 3 inches.
3. The hydraulic relief pressure set at 3,200 psi.

### PCK-530-DP TRAILER APPLICATION DATA

Capacity in Tons			
Trailer Length "A"	Overhang "B"	Dump Angle 45 Deg	Dump Angle 50 Deg
10'	12"	8.9	7.7
10'	18"	10.2	8.8
10'	24"	11.8	10.2
12'	12"	7.1	6.1
12'	18"	7.9	6.8
12'	24"	8.8	7.7
14'	12"	5.9	5.1
14'	18"	6.4	5.6
14'	24"	7.1	6.1
16'	12"	5.0	4.3
16'	18"	5.4	4.7
16'	24"	5.9	5.1



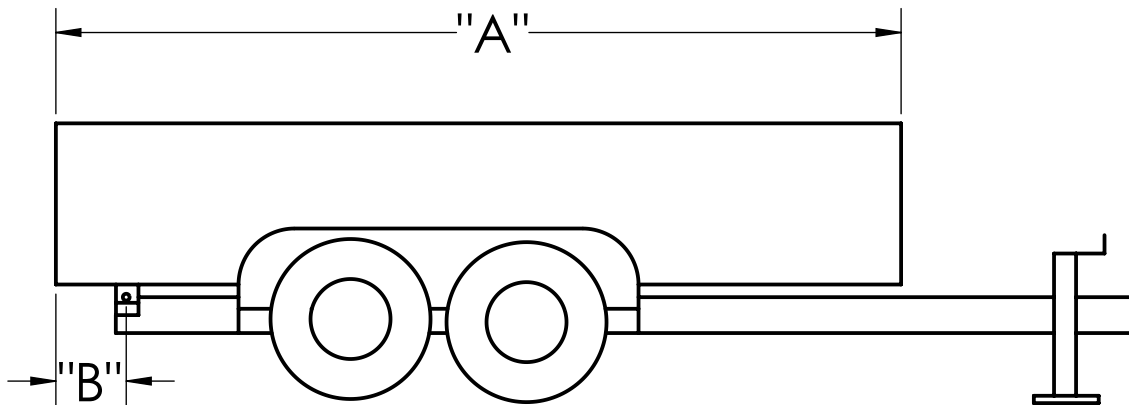
Capacities are based on the following:

1. Water level non-diminishing load.
2. The vertical height between the rear hinge pivot and the floor is no less than 3 inches.
3. The hydraulic relief pressure set at 3,200 psi.



### PCK-530-2DP TRAILER APPLICATION DATA

Capacity in Tons			
Trailer Length "A"	Overhang "B"	Dump Angle 45 Deg	Dump Angle 50 Deg
10'	12"	17.9	15.4
10'	18"	20.4	17.6
10'	24"	23.6	20.4
12'	12"	14.2	12.2
12'	18"	15.8	13.6
12'	24"	17.6	14.4
14'	12"	11.8	10.2
14'	18"	12.8	11.2
14'	24"	14.2	12.2
16'	12"	10.0	8.6
16'	18"	10.8	9.4
16'	24"	11.8	10.2



Capacities are based on the following:

1. Water level non-diminishing load.
2. The vertical height between the rear hinge pivot and the floor is no less than 3 inches.
3. The hydraulic relief pressure set at 3,200 psi.





## TROUBLE SHOOTING

POSSIBLE CAUSE	PROBLEM														
	Not Building Pressure	Motor Not Running	Cylinder Won't Extend	Cylinder Won't Retract	Won't Hold Load	Excessive Heat From Unit	Aeration of Hyd. Fluid	Reservoir Overflows	Struggles to Lift Load	Load Bounces When Cylinder Retracts	Start Solenoid Just Click-Motor Not Engaging	Won't Lift Load (DC Motor Under Load)	Won't Lower	Start Solenoid Stays On	Cylinder Won't Retract ( Motor Under Load)
Low Battery Voltage		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>				
Poor Ground Condition		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>				
Check Hand Control										<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Debris in Load Holding Valve					<input type="checkbox"/>										
Coil Not Energizing			<input type="checkbox"/>	<input type="checkbox"/>							<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
Bad Seals in Cylinder	<input type="checkbox"/>								<input type="checkbox"/>						<input type="checkbox"/>
Loose Inlet				<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>						<input type="checkbox"/>
Hoses Connected Backwards									<input type="checkbox"/>						
Pump Not Priming	<input type="checkbox"/>		<input type="checkbox"/>												
Clogged Orifice				<input type="checkbox"/>								<input type="checkbox"/>			<input type="checkbox"/>
Rust in Motor		<input type="checkbox"/>													
Check for Additional Valving On or Connected to Cylinder					<input type="checkbox"/>										<input type="checkbox"/>
Directional Valve Not Shifting Properly			<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>				<input type="checkbox"/>		<input type="checkbox"/>
Bad Start Solenoid										<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Dirty Contacts in Hand Control				<input type="checkbox"/>						<input type="checkbox"/>	<input type="checkbox"/>				
Reservoir More Than ½ Full with Cylinder Fully Extended							<input type="checkbox"/>								