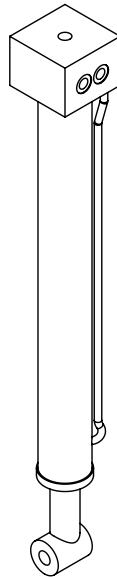




EZ Lifter Retrofit Hydraulic Jacks  
Designed for use only with 4" square outer jack tube



Models

**ZJC-1-K, ZJC-2-K**  
**ZJC-1ADS-K, ZJC-2ADS-K**

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



Premium Supply  
2038 West Interstate 30  
Greenville, Texas  
866-934-0777  
Proud members of:



May 26, 2022



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## INTRODUCTION

This manual covers proper EZ Lifter jack installation, hydraulic connections, wiring and service of the Premium Supply EZ Lifter.

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

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

**NOTE: Installation of Premium Supply 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.**

Illustrations are for instructional purposes only.

## 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:	



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## 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:



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



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.



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 SIGN LOCATIONS

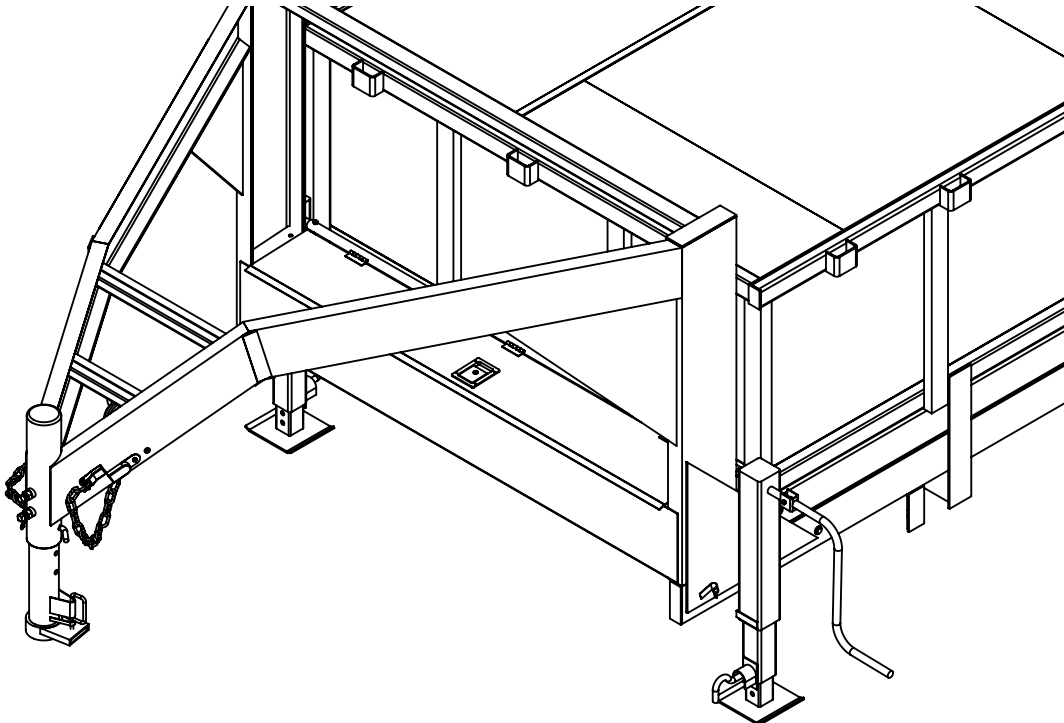
Read all safety signs on the trailer and those included with or stated in this manual. Keep these signs clean and replace any lost, damaged or destroyed signs.

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## SAFETY PRECAUTIONS

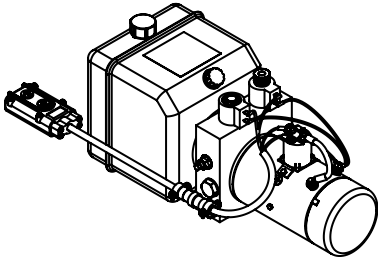
Installing or operating this equipment without first understanding proper installation and operation procedures could lead to serious property damage, personal injury or even death. Always read and fully understand all installation and operation manuals before installing or operating this equipment. Contact Premium Supply with any questions.

**⚠ DANGER** Installation of the EZ Lifter hydraulic jacks requires the trailer to be raised and supported by independent means (i.e., by means other than the mechanical jacks installed on the trailer) during jack installation or maintenance. It is the user's responsibility to ensure that the trailer is safely supported by means independent of the mechanical jacks installed on the trailer during the installation or any maintenance process(es).



**EZ LIFTER KITS**

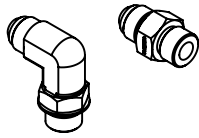
**ZJC-1-K SINGLE JACK RETROFIT KIT**



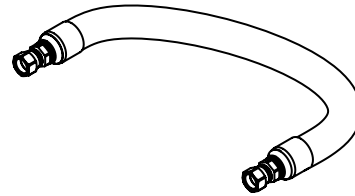
Double Acting Hydraulic Power Unit



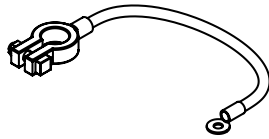
EZ Lifter Cylinder



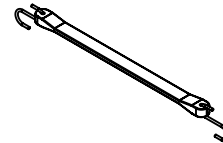
Hydraulic Fittings



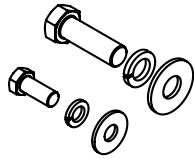
Hydraulic Hose



Battery Cables

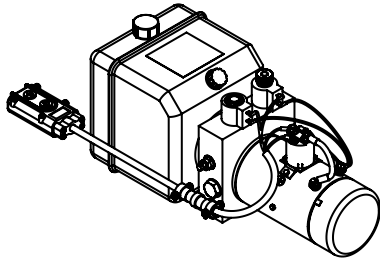


Battery Strap

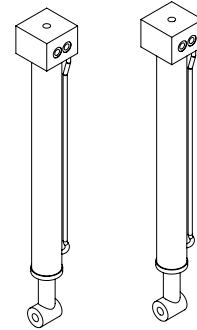


Bolts & Washers

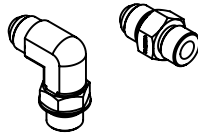
**ZJC-2-K DUAL JACK RETROFIT KIT**



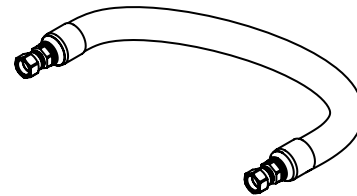
Double Acting Hydraulic Power Unit



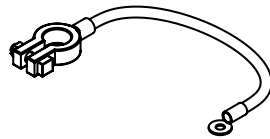
EZ Lifter Cylinders



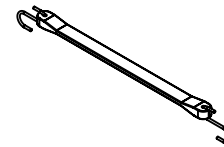
Hydraulic Fittings



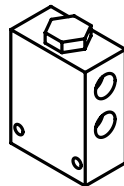
Hydraulic Hose



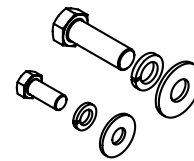
Battery Cables



Battery Strap



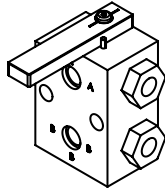

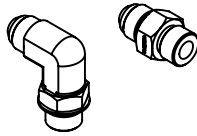
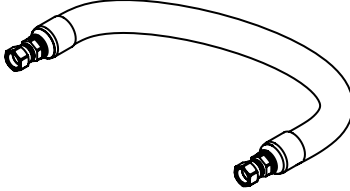
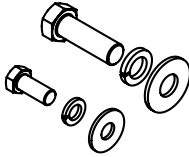
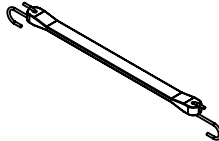
Flow Divider



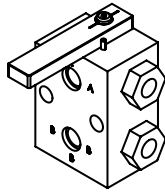
Bolts & Washers



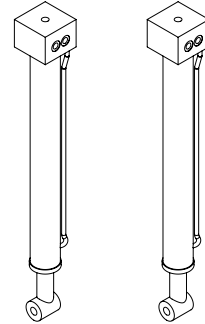
ZJC-1-ADS-K ADD-ON FOR SINGLE JACK

 <p>Selector Valve</p>	 <p>EZ Lifter Cylinder</p>
 <p>Hydraulic Fittings</p>	 <p>Hydraulic Hose</p>
 <p>Bolts and Washers</p>	 <p>Battery Strap</p>

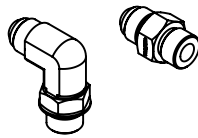
**ZJC-2-ADS-K ADD-ON FOR DUAL JACK**



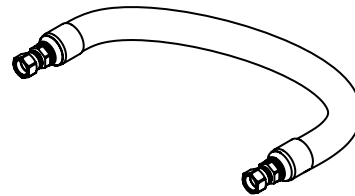
Selector Valve



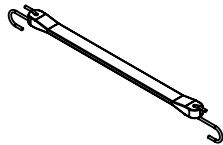
EZ Lifter Cylinder



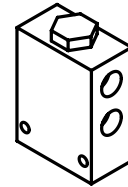
Hydraulic Fittings



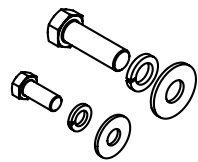
Hydraulic Hose



Battery Strap



Flow Divider



Bolts & Washers

## EZ LIFTER JACK INSTALLATION

This installation will replace the inner parts of the trailer jack with a hydraulic cylinder. All gears, shaft, springs and washers must be removed from inside the mechanical jack.

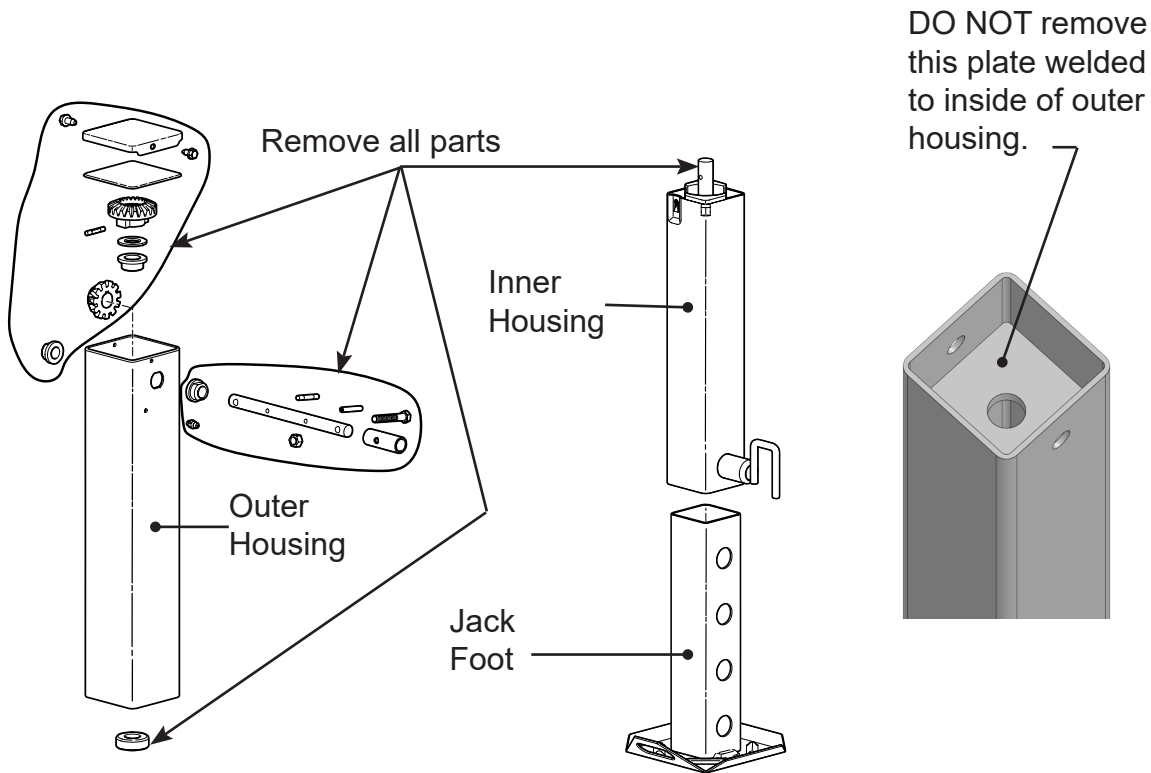
**⚠ DANGER** Installation of the EZ Lifter hydraulic jacks requires the trailer to be raised and supported by means independent of the mechanical jacks installed on the trailer during jack installation or maintenance. It is the user's responsibility to ensure that the trailer is supported properly during such processes.

### STEP 1 SUPPORT TRAILER

Support trailer so all load is removed from trailer jacks. The supporting structure must be able to raise the front of the trailer high enough to remove the mechanical jack's inner housing and jack foot.

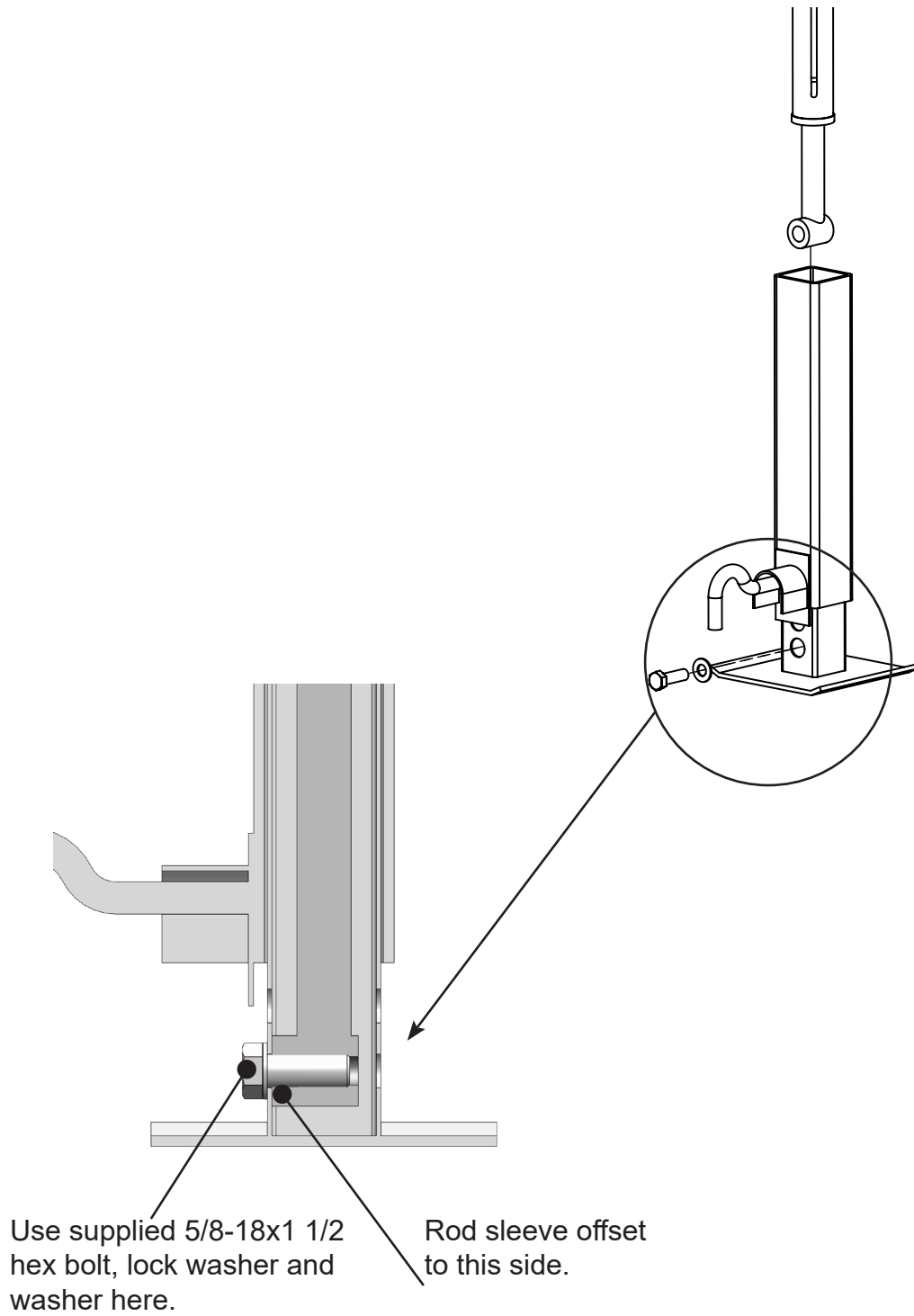
### STEP 2 REMOVE EXISTING INTERNAL JACK PARTS

Remove jack handle and all internal gears, shafts, pins, drop leg spring and pin if equipped. **As shown in the illustration below. DO NOT remove interior welded plate.**



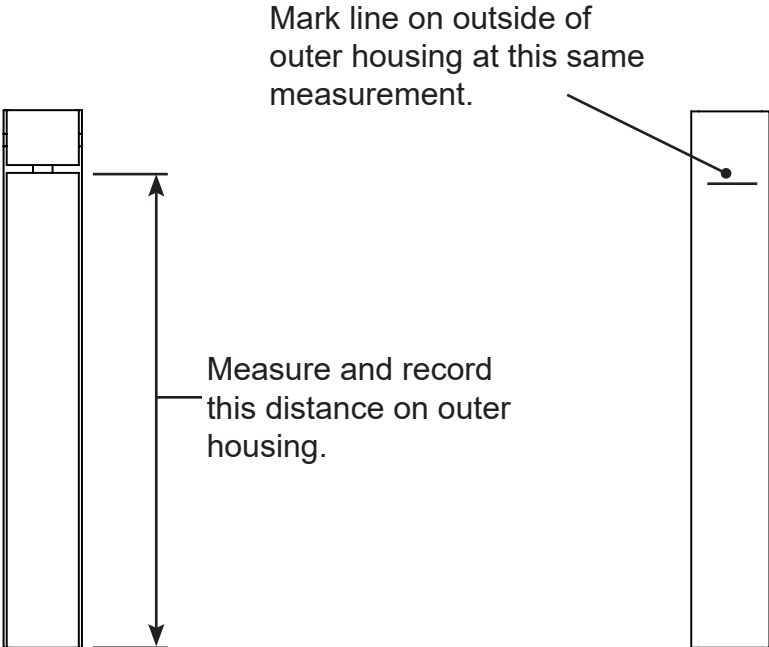
**STEP 3 INSTALL CYLINDER**

Install cylinder in inner part of jack housing.



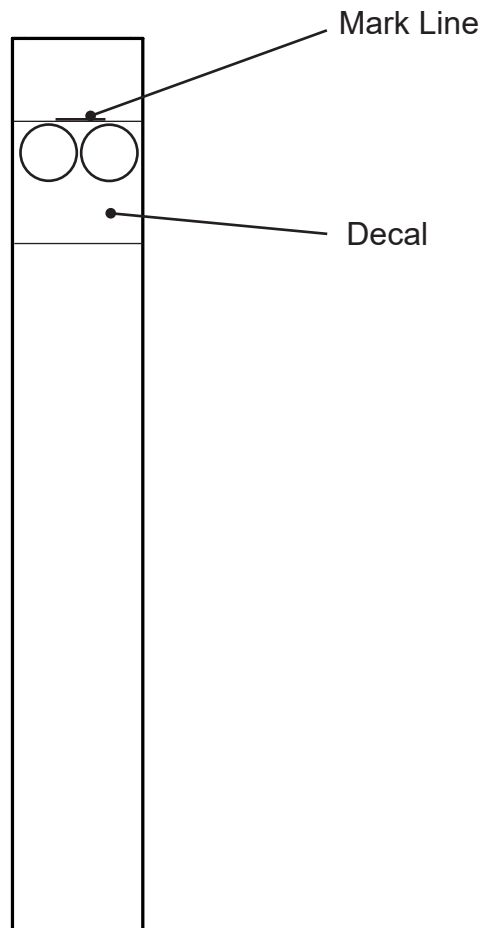
**STEP 4 MEASURE**

Measure from bottom of outer housing to bottom of plate.



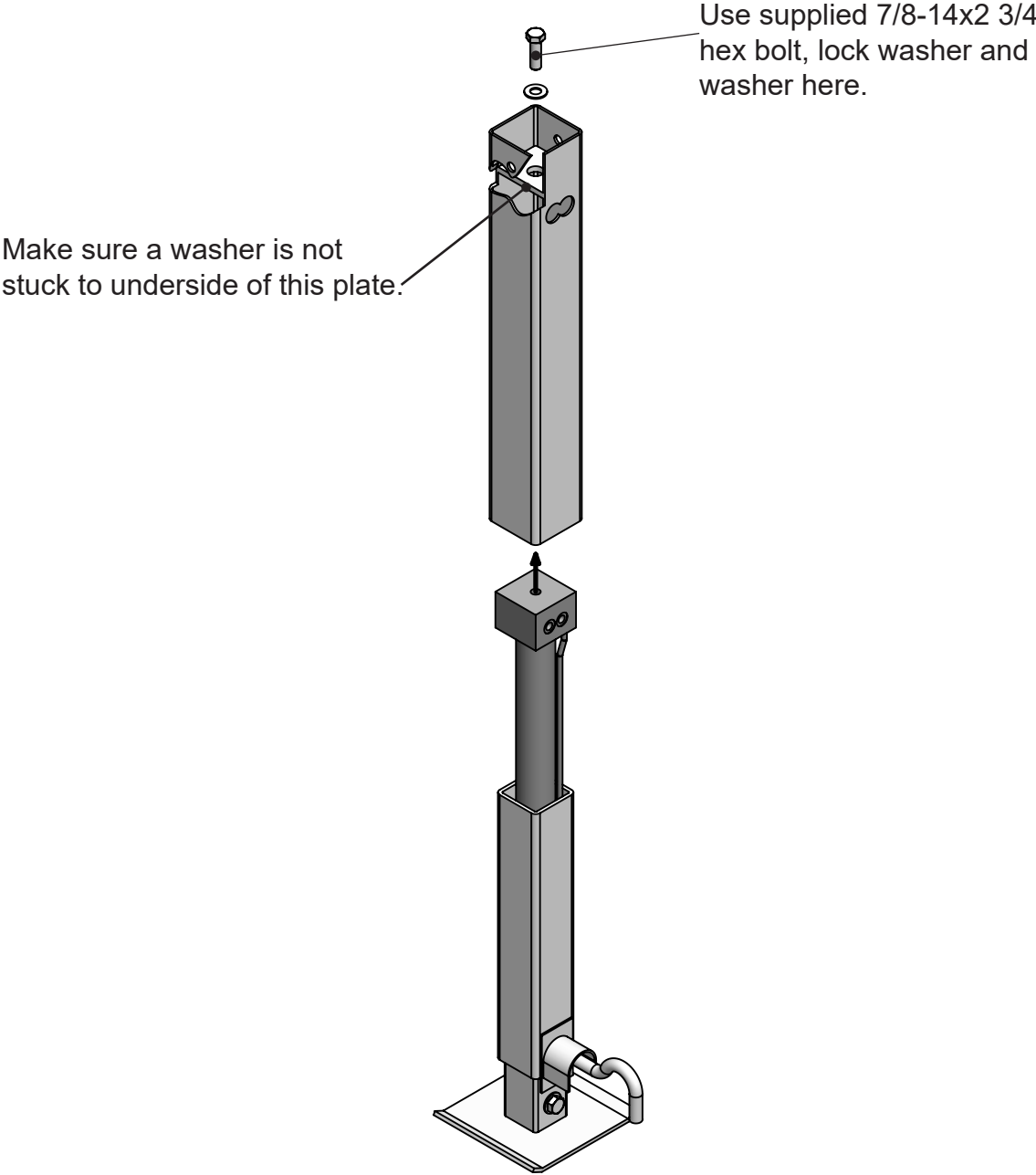
**STEP 5 USE DECAL**

Place drilling decal on outer housing and using a 1 1/4" hole saw drill side of jack housing at circles on decal. These are clearance holes for hydraulic hoses.



**STEP 6 INSERT CYLINDER**

Insert hydraulic cylinder into outer tube.  
Reinstall top cap.



## HYDRAULIC POWER AND HOSE 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 Premium Supply and are used in the hydraulic circuit that are incompatible with Premium Supply components may cause damage to, or failure or malfunction of, the direct push cylinder or other components of the Premium Supply 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 Premium Supply.

**WARNING** Connecting the jack to a hydraulic system with more pressure (PSI) or flow (GPM) than is recommended by Premium Supply 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 Premium Supply product(s)/component(s), and that there is no restriction or issue concerning flow before operation. Consult Premium Supply 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 trainer 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 Premium Supply before installation, use or maintenance.

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



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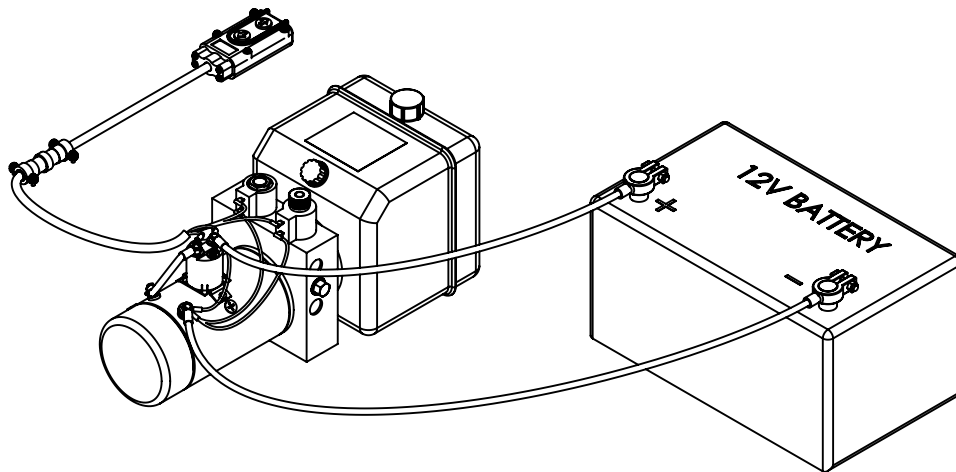
## STEP 1 BATTERY HOOKUP TO HPU



**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.

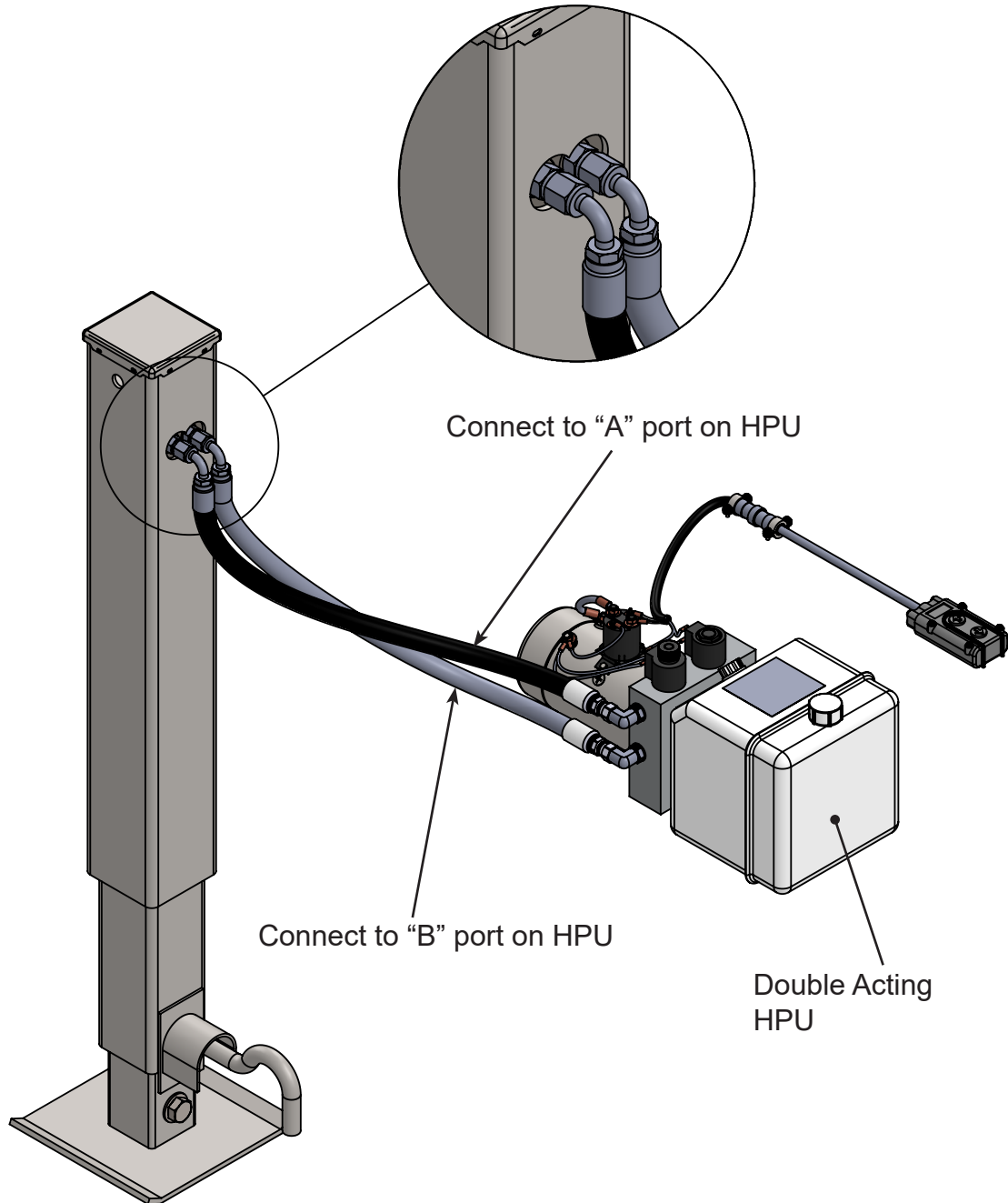
Mount battery in a weather tight enclosure on the trailer. See additional instructions supplied with the HPU for mounting, electrical and hydraulic fluid requirements.

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

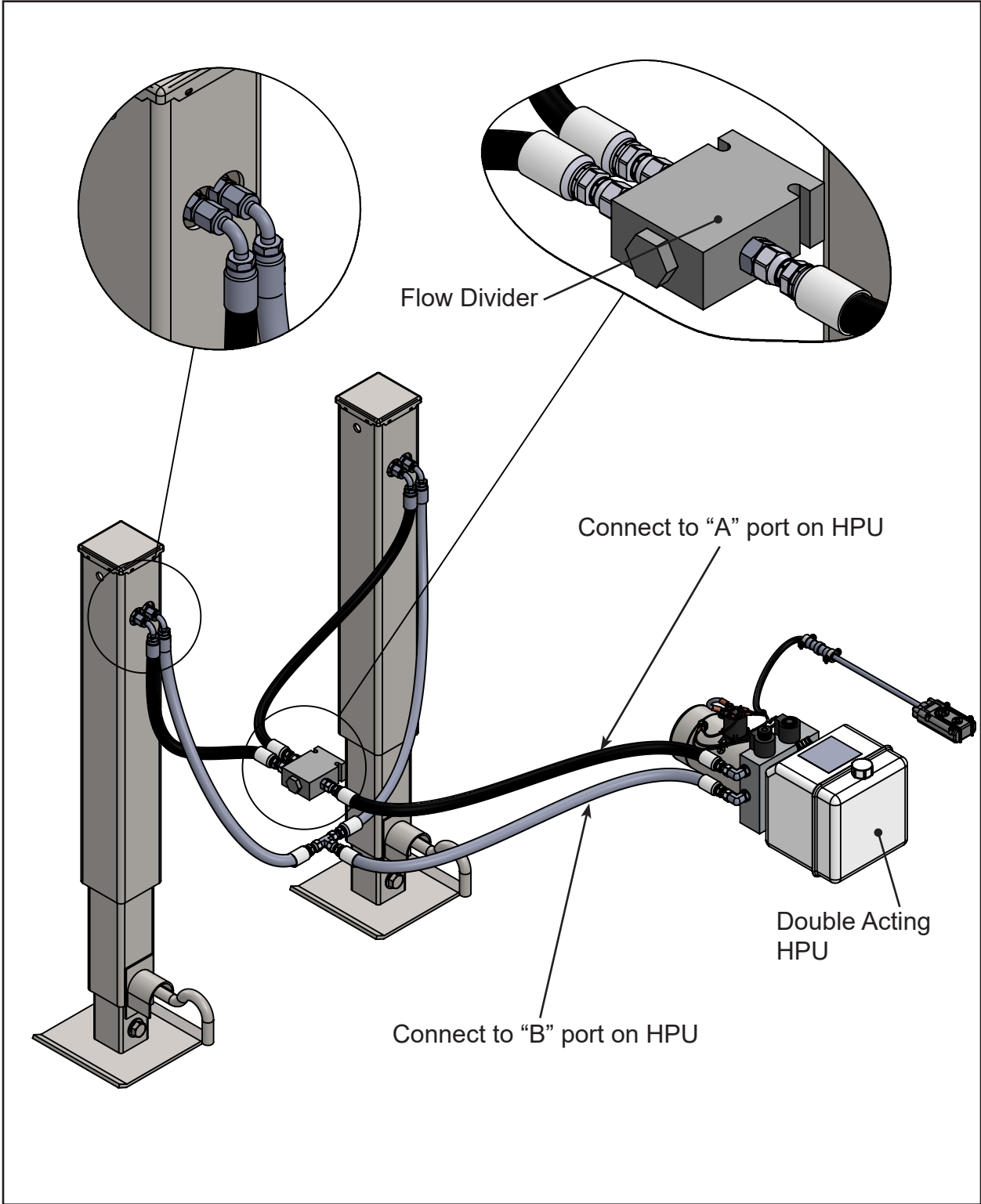


**STEP 2 HOSE CONNECTIONS**

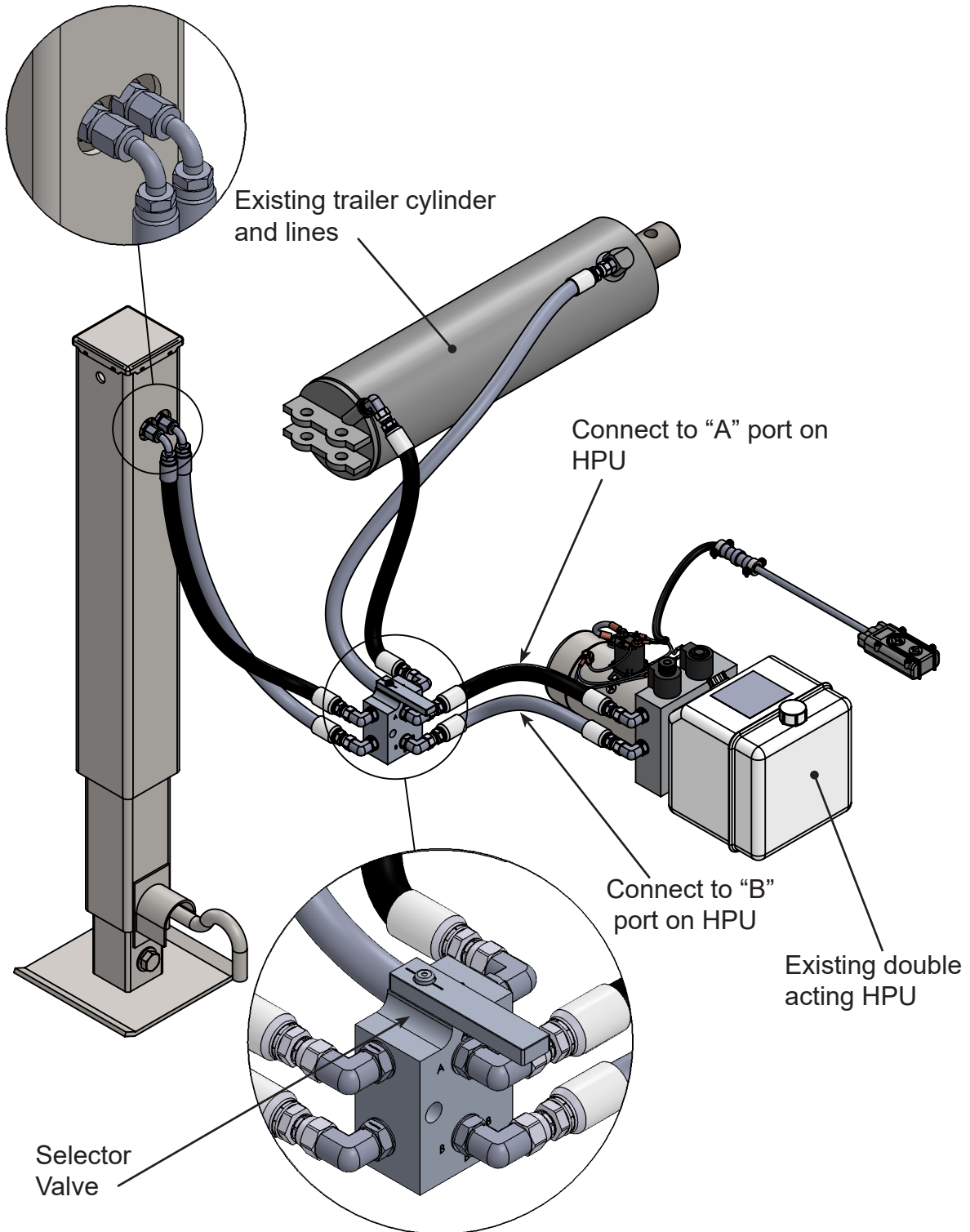
**Hose Connections for Kit ZJC-1-K**



### Hose Connections for Kit ZJC-2-K



## Hose Connections for Kit ZJC-1-ADS-K



## Hose Connections for Kit ZJC-2-ADS-K

