

QuickJack™ Portable Car Jack Setup and Operation Manual

Manual P/N 5900959 — Manual Revision J3 — Released Oct. 2019

Models:

- BL-3500SLX BL-6000XLT
- BL-5000SLX BL-5000EXT
- BL-7000SLX BL-7000EXT



Visit <http://www.quickjack.com/setup.html> for a video demonstration of QuickJack setup.

QuickJack is designed and engineered by BendPak Inc. in Southern California, USA. Made in China.



IMPORTANT SAFETY INSTRUCTIONS, SAVE THESE INSTRUCTIONS!

Read the *entire contents* of this manual *before* installing, operating, servicing, or maintaining this lift. Failure to follow the instructions and safety precautions in this manual can result in serious injury or death. Make sure all other operators also read this manual. Keep the manual near the product for future reference. By proceeding with setup and operation, you agree you fully understand the contents of this manual.

Manual. QuickJack™ Portable Car Jack, *Setup and Operation Manual*, P/N 5900959, Manual Revision J3, Released October 2019.

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Limitations. Every effort has been made to ensure complete and accurate instructions are included in this manual. However, product updates, revisions, and/or changes may have occurred since this manual was published. BendPak reserves the right to change any information in this manual without incurring any obligation for equipment previously or subsequently sold. BendPak is not responsible for typographical errors in this manual.

Warranty. The QuickJack warranty is more than a commitment to you: it is also a commitment to the value of your new product. For full warranty details and to register your new QuickJack product, contact your nearest QuickJack dealer or visit quickjack.com/warranty.

Safety. Your new product was designed and manufactured with safety in mind. Your safety also depends on proper training and thoughtful operation. Do not set up, operate, maintain, or repair the unit without reading and understanding this manual and the labels on the unit.

Owner Responsibility. In order to maintain your product properly and to ensure operator safety, it is the responsibility of the product owner to read and follow these instructions:

- Follow all setup, operation, and maintenance instructions.
- Make sure product setup conforms to all applicable local, state, and federal codes, rules, and regulations, such as state and federal OSHA regulations and electrical codes.
- Consult a qualified person or organization to address any special regional structural and/or seismic requirements specified by any other agencies and/or codes such as the Uniform Building Code (UBC) and/or International Building Code (IBC).
- Read and follow all safety instructions. Keep them readily available for operators.
- Make sure all operators are properly trained, know how to safely operate the unit, and are properly supervised.
- Do not operate the product until you are certain that all parts are in place and operating correctly.
- Carefully inspect the product on a regular basis and perform all maintenance as required.
- Service and maintain the unit only with approved replacement parts.
- Keep all instructions permanently with the product and make sure all labels are clean and visible.
- **Only use this product if it can be used safely!**

Unit Information. Enter the Model Number, Serial Number, and the Date of Manufacture from the label on your unit. This information is required for part or warranty issues.

Model: _____

Serial: _____

Date of Manufacture: _____

QUICKJACK™		Santa Paula, CA USA www.quickjack.com
MODEL NUMBER		
DESCRIPTION		
LIFT CAPACITY / PAIR		
DATE OF MFG.	SERIAL NUMBER	
DANGER! Disconnect Power Before Servicing		UPC
CE EAC		
WARRANTY VOID IF DATA PLATE IS REMOVED PN 5930801		

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Introduction

This manual covers all models of the QuickJack portable car jack, which makes Vehicle maintenance in your garage or at the track fast and easy.

QuickJack models include:

- **BL-3500SLX**: Raises Vehicles up to 3,500 lbs. on a frame of 62.5"
- **BL-5000SLX**: Raises Vehicles up to 5,000 lbs. on a frame of 69"
- **BL-7000SLX**: Raises Vehicles up to 7,000 lbs. on a frame of 69"
- **BL-5000EXT**: Raises Vehicles up to 5,000 lbs. on an extended frame of 75"
- **BL-7000EXT**: Raises Vehicles up to 7,000 lbs. on an extended frame of 76.25"
- **BL-6000XLT**: Raises Vehicles up to 6,000 lbs. on an extremely long frame of 86.5"

All models are CE certified. This manual is mandatory reading for all QuickJack users, including anyone who sets it up, operates it, maintains it, or repairs it.

 **DANGER** Be very careful when setting up, operating, maintaining, or repairing your unit; failure to do so could result in property damage, product damage, injury, or (in very rare cases) death. Make sure only authorized personnel operate the unit. All repairs must be performed by an authorized technician. Do not make modifications to the unit; this voids the warranty and increases the chances of injury or property damage. Make sure to read and follow the instructions on the labels on the unit.

Keep this manual on or near your QuickJack so that anyone who uses or services it can read it.

For technical support, visit quickjack.com/support or email QuickJack Technical Support at support@quickjack.com. You can also request parts (be sure to have the serial and model numbers of your unit available).



IMPORTANT! PLEASE READ

Only raise your QuickJack Frames with a Vehicle on them!

The QuickJack is designed and engineered to be used with the weight of a Vehicle on it. You should only raise the QuickJack Frames with the weight of a Vehicle on them, *even the very first time you use them (with the exception of bleeding the Hydraulic Cylinders)*. There is simply no reason to raise your QuickJack Frames unless there's a Vehicle on them.

Why are we telling you to do it this way? Because your QuickJack Frames may occasionally become stuck up in the air if you raise them without the weight of a Vehicle. There is nothing wrong with them if this happens, and the issue can be quickly and easily fixed, it's just that they are designed and engineered to work with the weight of a Vehicle. ***Only raise your QuickJack Frames with a Vehicle on them.***

And since we have your attention...

Do *not* remove your Vehicle's tires then lower the QuickJack to the ground.

The QuickJack requires space between the ground and your Vehicle to build up enough force to raise a Vehicle. It cannot raise a full load from a completely flat starting position.



**Do
Not
Do
This!**

This is not a problem in normal operation, as the Vehicles you want to raise are being held well above the ground by their tires. The problem generally happens when people lower the QuickJack to a completely flat position with the Vehicle's tires removed.

What do you do if either of these problems happens to you? Refer to [Troubleshooting](#).

Shipping

Your QuickJack was carefully checked before shipping. Nevertheless, you should thoroughly inspect the shipment **before** you sign to acknowledge that you received it.

When you sign the bill of lading, it tells the carrier that the items on the invoice were received in good condition. **To protect yourself, do not sign the bill of lading until after you have inspected the shipment.** If any of the items listed on the bill of lading are missing or are damaged, do not accept the shipment until the carrier makes a notation on the bill of lading that lists the missing and/or damaged goods.

If you discover missing or damaged goods **after** you receive the shipment and have signed the bill of lading, notify the carrier at once and request the carrier to make an inspection. If the carrier will not make an inspection, prepare a signed statement to the effect that you have notified the carrier (on a specific date) and that the carrier has failed to comply with your request.

It is difficult to collect for loss or damage after you have given the carrier a signed bill of lading. If this happens to you, file a claim with the carrier promptly. Support your claim with copies of the bill of lading, freight bill, invoice, and photographs, if available. Our willingness to assist in helping you process your claim does not make us responsible for collection of claims or replacement of lost or damaged materials.

Safety

Refer to ANSI/ALI ALIS Standard (R2015) *Safety Requirements for Installation and Service of Automotive Lifts* for more information about safely installing your QuickJack.

Important Safety Instructions

When using your garage equipment, basic safety precautions should always be followed, including:

1. Read all instructions.
2. Do not touch hot parts; you could be burned. Always use care with the equipment.
3. Do not operate equipment with a damaged cord or if the equipment has been dropped or damaged — until it has been examined by a qualified service person.
4. Do not let a cord hang over the edge of a table, bench, or counter or come in contact with hot manifolds or moving fan blades.
5. If an extension cord is necessary, a cord with a current rating equal to or greater than that of the equipment should be used. Cords rated for less current than the equipment may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
6. Always unplug equipment from electrical outlet when not in use. Never use the cord to pull the plug from the outlet. Grasp plug and pull to disconnect.
7. Let equipment cool completely before putting away. Loop cord loosely around equipment when storing.
8. To reduce the risk of fire, do not operate equipment in the vicinity of open containers of flammable liquids (gasoline).
9. Adequate ventilation should be provided when working on operating internal combustion engines.

-
10. Keep hair, loose clothing, fingers, and all parts of your body away from moving parts.
 11. To reduce the risk of electric shock, do not use on wet surfaces or expose to rain.
 12. Use only as described in this manual. Use only manufacturer's recommended attachments.
 13. Always wear safety glasses. Everyday glasses only have impact resistant lenses, they are not safety glasses.
 14. To reduce the risk of injury, close supervision is necessary when this product will be used around children.
 15. To reduce the risk of injury, never overload the drawers or shelves. Refer to loading instructions.
 16. To reduce the risk of electric shock or fire, never overload receptacles. Refer to markings for the proper load on receptacles.

Save these instructions!

QuickJack Safety Information

Please note the following:

- The product is a portable car jack. Use it only for its intended purpose.
- Read this manual thoroughly before installing, operating, servicing, or maintaining your QuickJack.
- The product should only be operated by authorized personnel.
- Do not make any modifications to the product.
- Never exceed the rated capacity of the jack.
- Make sure all operators read and understand this *Setup and Operation Manual*. Keep the manual near the device at all times.
- Do not use the product while tired or under the influence of drugs, alcohol, or medication.
- Make a visual inspection of the product before using it ***each time***. Check for damage or missing parts. Do not use the product if you find any of these issues. Instead, stop using it, then contact QuickJack at quickjack.com/support or support@quickjack.com.
- Make a ***thorough*** inspection of the product at least once a year. Replace any damaged or severely worn electrical cables, Hydraulic Hoses, decals, or warning labels. Do not use the product until damaged or worn items have been replaced.
- You ***must*** wear OSHA-approved (publication 3151) personal protective equipment at all times when installing, using, maintaining, or repairing the QuickJack: leather gloves, steel-toed work boots, eye protection, back belts, and hearing protection.
- Remove all jewelry while working with the product. Dangling jewelry can get caught in moving parts; metal jewelry can conduct electricity. Avoid wearing loose-fitting clothing.
- While handling a Hydraulic Cylinder or a Hydraulic Hose, also wear gloves. In rare cases, a needle-like stream of hydraulic fluid (even at low pressure) can penetrate fingers, hands, or arms; such a puncture can feel like a bite, electric shock, or a prick. While it may seem like a minor issue, any amount of Hydraulic Fluid injected into the human body is a serious issue. Anyone suffering such a puncture wound should be ***immediately*** taken to a hospital emergency room to determine the extent of the injury. Explain the circumstances of the injury to the attending physician, including what kind of Hydraulic Fluid was involved. Do not assume a puncture wound that could have been caused by Hydraulic Fluid is a minor issue; it could be life threatening.

-
- Floor surface must be dry, flat, and have a minimum compressive strength of 500 PSI.
 - Avoid using an extension cord; they can overheat. If you must use an extension cord, make sure it is No. 14 AWG minimum.
 - Take care locating the electrical cable and Hydraulic Hoses; you do not want them driven over or stepped on.
 - Clear the area if a Vehicle is in danger of falling off the jack.
 - ***Make sure both Lock Bars are engaged before nearing an elevated Vehicle.***
 - *Do not work under an elevated Vehicle unless properly rated Vehicle Jack Stands are used and placed under the factory-approved Lifting Points.*

Symbols

Following are the symbols used in this manual:



DANGER

Calls attention to an immediate hazard that **will** result in death or severe injury.



WARNING

Calls attention to a hazard or unsafe practice that **could** result in death or severe personal injury.



CAUTION

Calls attention to a hazard or unsafe practice that could result in minor personal injury, product, or property damage.



Tip

Calls attention to information that can help you use your QuickJack better.

Liability Information

BendPak assumes **no** liability for damages resulting from:

- Use of the equipment for purposes other than those described in this manual.
- Modifications to the equipment without prior, written permission from BendPak.
- Damage to the equipment from external influences.
- Incorrect operation of the equipment.

Components

QuickJack components include:

- **Two QuickJack Frames.** The Frames, working together, raise and lower Vehicles.

The two Frames are **not** interchangeable. The Lock Bars, described below, must be on the **outside** when you orient the Frames.

Your QuickJack has a left Frame and a right Frame. If you put your QuickJack Frames next to each other with both Lock Bars on the outside and the end with the sticker away from you, then the Frame on the left is the “left” Frame and the Frame on the right is the “right” Frame.

These are the orientations noted on the boxes the QuickJack Frames are shipped in and they are also shown in the drawing in **Unpacking**.

- **Eight rubber Lift Blocks.** Four are medium height (2 inches) and four are tall (3 inches high). The Lift Blocks can be placed in different locations in the Receiver Trays, allowing you to hit the factory-recommended Lifting Points on a wide variety of Vehicles. *Always use Lift Blocks; do not raise a Vehicle on just the QuickJack Frames.*

Note: You can stack one medium and one tall block together, but not more than that.

If you have a Vehicle with a unibody/pinch-weld frame, QuickJack recommends ordering optional Pinch-Weld Blocks, **available on the QuickJack website**. If you have an SUV or truck, there is an SUV and Light Truck Adapter available for these Vehicles, also on the QuickJack website.

- **One Power Unit** (includes Pendant Control). Provides power to the QuickJack Frames. There are four Power Units available: 110 VAC, 220/240 VAC, 12 VDC, and CE-approved 12 VDC. Note that the Hydraulic Fluid reservoir of your Power Unit is shipped **without** Hydraulic Fluid; you **must** fill it with approved fluid **before** using your QuickJack.
- **Two Short Hydraulic Hoses.** Connect on one end to the Hydraulic Cylinder on each Frame and on the other end to one of the Long Hydraulic Hoses. Note that the Short Hydraulic Hoses **must** be routed **under** the bottom of the Frame, *never over the Frame*.
- **Two Long Hydraulic Hoses.** Connect on one end to the Power Unit and on the other end to one of the Short Hydraulic Hoses.



Tip

To move your QuickJack components: disconnect the Long Hydraulic Hoses either at the Power Unit or at the Short Hydraulic Hoses. This is easier than trying to move the QuickJack with all components connected.

- **Assembly Kit.** Holds components used during setup. Refer to **QuickJack Assembly Kit** for a list of all components in the Assembly Kit.
- **Two Frame Positioning Handles.** Used to easily move the QuickJack Frames, usually to position the Frames under the Vehicle’s factory-recommended Lifting Points.
- **Lock Bars.** The two Lock Bars, one on each QuickJack Frame, hold the Frames in position when they are raised—at either the First Locking Position or the Top Locking Position.

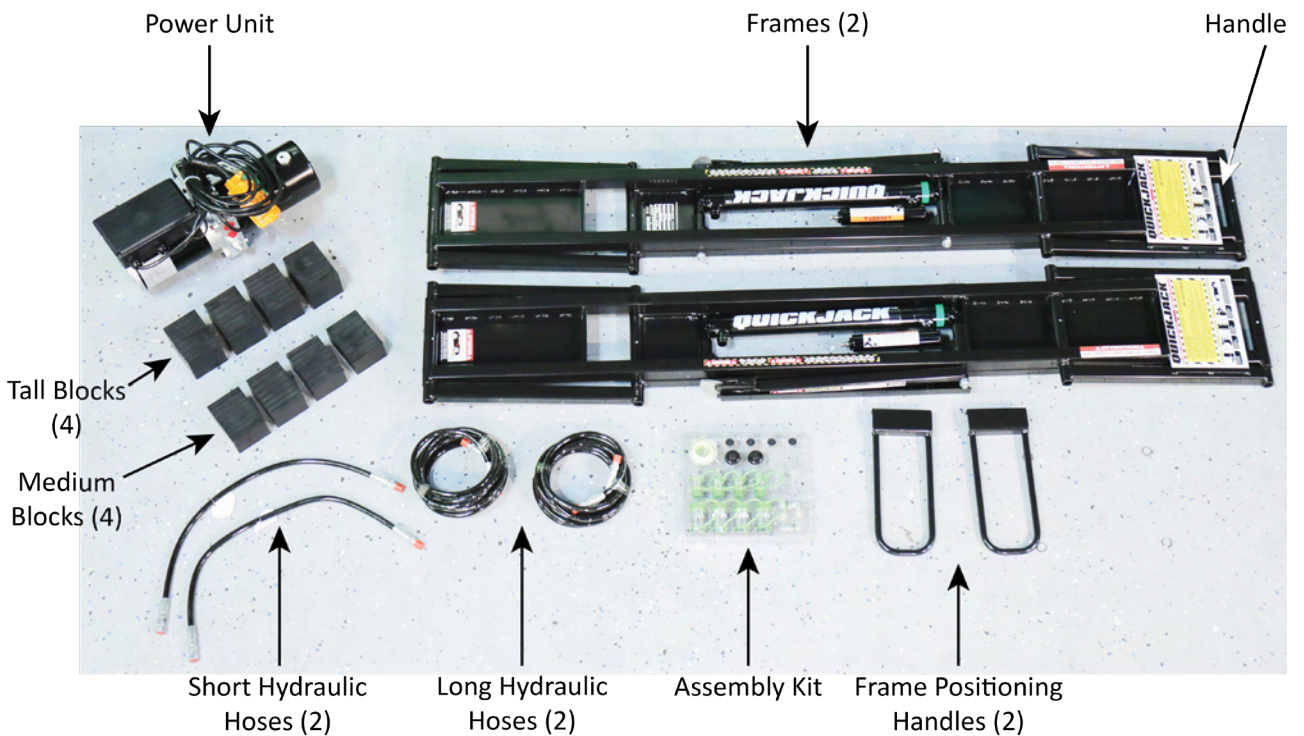
Only leave the QuickJack either fully lowered or engaged on one of the two locking positions.

Before using the QuickJack, check to make sure both Lock Bars are moving freely and are in their tracks. If the Lock Bars get stuck in an up position or they come out of their tracks, the QuickJack will not work correctly, which is a safety hazard.

- **Hydraulic Cylinder and Air Cylinder.** Each QuickJack Frame has one Hydraulic Cylinder and one Air Cylinder. The Hydraulic Cylinder is welded to the Frame and the Air Cylinder is welded to the Hydraulic Cylinder. The Hydraulic Cylinder receives Hydraulic Fluid from the Power Unit, which is used to move the Frames up and down. The Air Cylinder acts like an air spring, which means they assist in lowering the Frames. The Hydraulic Cylinders need Hydraulic Fluid to operate, the Air Cylinders need to be pressurized from 40 to 50 PSI (2.75 to 3.4 BAR); **do not exceed 50 PSI.**
- **Wheels.** The two Wheels on the non-sticker end of each QuickJack Frame allow you to easily move the Frame to a different location. Note that the Wheels and the weight of the Frame can leave marks on some floors, so be careful using them.
- **Handles.** On the sticker end of each QuickJack Frame is an opening that can be used as a Handle when you are moving the Frame. To pick up a Frame by its Handle, with one hand raise the Frame just off the ground under the large yellow sticker, then put the other hand in the Handle and continue to raise the Frame.

⚠ WARNING Be very careful when putting down the Frame; you do not want to crush your fingers.

The following image shows the main components of a QuickJack.



Not all components shown. The Power Unit that came with your QuickJack may look slightly different, but it will work the same.

Accessories

SUV and Light Truck Adapter Kit

The optional SUV and Light Truck Adapter Kit increases the service capability of your QuickJack by providing stackable Lift Blocks that mount inside the Receiver Trays.

The Adapter Kit is available for Models BL-5000SLX/EXT and BL-7000SLX/EXT.

The Adapter Kit includes:

- Four low-profile, round Contact Pads
- Four Bases that accommodate the Contact Pads and the Extenders
- Four 3-inch Extenders that raise the Contact Pads

Visit the [Accessories page of the QuickJack website](#) for more information.

SLX Frame Extension Kit

The SLX Frame Extension Kit is a pair of QuickJack frame extenders that increase the lift-point spread for **BL-5000SLX** and **BL-7000SLX** models by 6 inches, for a total lift point spread of 66 inches. They fit snugly into your QuickJack with no setup required and can be easily taken off and put back on, depending on what Vehicle you are raising.

Visit the [Accessories page of the QuickJack website](#) for more information.

Motorcycle Lift Adapter Kit

The Motorcycle Lift Adapter Kit lets you add a platform on top of your QuickJack Frames, converting it into a motorcycle lift. This product is not CE certified.

The Adapter Kit includes a tread plate, heavy-duty tie-down rings, a support axle, a large clamp with treaded-rubber padding, and an easy-to-use crank for wheel security.

Visit the [Accessories page of the QuickJack website](#) for more information.

Ranger RML-1100 Motorcycle Jack

The Ranger RML-1100 Motorcycle Jack is ideal for servicing motorcycles and ATVs up to 1,100 pounds / 499 kg. It is the perfect accessory for the QuickJack Motorcycle Lift Adapter Kit. This product is not CE certified.

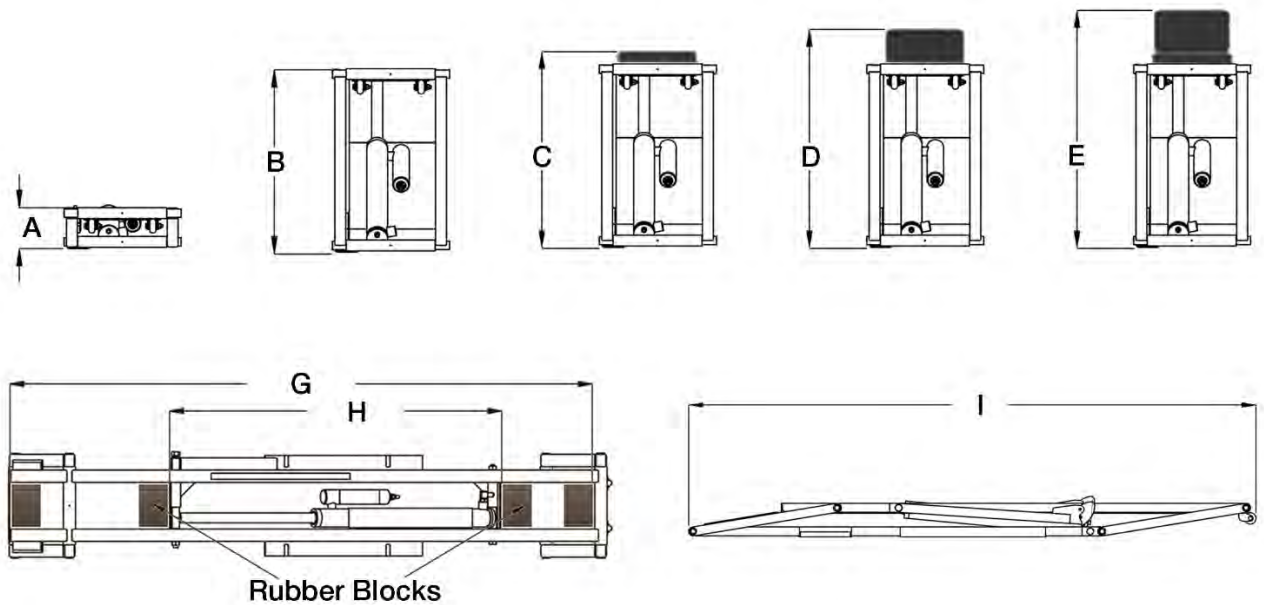
Visit the [Accessories page of the QuickJack website](#) for more information.

JackPak

The portable JackPak lets you add air to the Air Cylinders on each QuickJack Frame. It also includes additional features for roadside assistance and emergencies.

Refer to jackpak.com for more information.

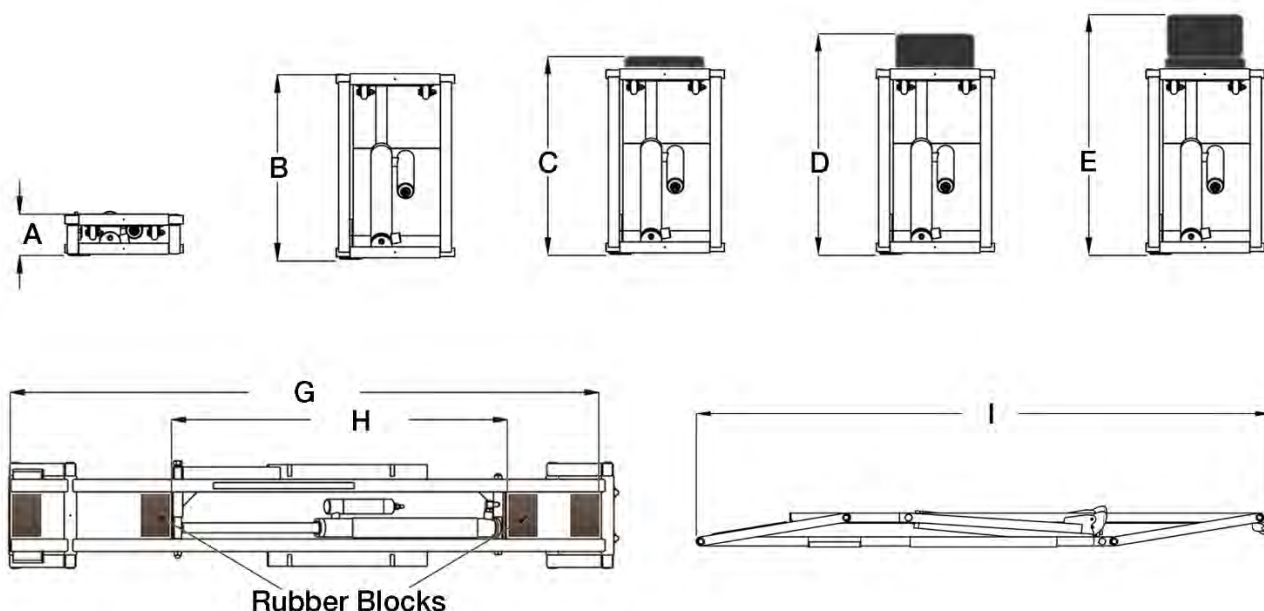
Specifications



Model	BL-3500SLX	BL-5000SLX	BL-7000SLX
Lifting capacity	3,500 lbs / 1,588 kg	5,000 lbs / 2,268 kg	7,000 lbs / 3,175
A Lowered height (frame only)	3" / 76 mm	3" / 76 mm	3.6" / 91 mm
B Height, frame only *	16.5" / 419 mm	17.6" / 447 mm	18.2" / 462 mm
C Height, 2" blocks	17" / 432 mm	18.4" / 467 mm	18.6" / 471 mm
D Height, 3" blocks	18.5" / 470 mm	19.2" / 487 mm	19.4" / 493 mm
E Height, stacked blocks	20" / 508 mm	21.3" / 542 mm	21.6" / 548 mm
F Frame width	10.6" / 268 mm	11" / 278 mm	12.5" / 318 mm
G Max lifting point spread	50.5" / 1,283 mm	60" / 1,524 mm	60" / 1,524 mm
H Min lifting point spread	26.7" / 678 mm	29.5" / 749 mm	29.5" / 749 mm
I Frame length	62" / 1,575 mm	70" / 1,778 mm	71" / 1,803 mm
Individual frame weight	60 lbs / 27 kg	76 lbs / 35 kg	96 lbs / 44 kg
Power unit weight (no fluid)	35 lbs / 16 kg	35 lbs / 16 kg	35 lbs / 16 kg
Power Unit PRV setting	1,980 PSI	1,980 PSI	1,980 PSI
Sound (when raising/lowering)	<70 dBA	<70 dBA	<70 dBA
Maximum allowed wind speed	<60 mph / <96.5 kph	<60 mph / <96.5 kph	<60 mph / <96.5 kph

*For reference purposes only; **do not** raise a Vehicle without Lift Blocks.

Specifications are subject to change without notice.



Model	BL-6000XLT	BL-5000EXT	BL-7000EXT
Lifting capacity per pair	6,000 lbs / 2,722 kg	5,000 lbs / 2,268 kg	7,000 lbs / 3,175 kg
A Collapsed height	3.6" / 91 mm	3" / 76 mm	3.6" / 91 mm
B Height, no blocks *	18.2" / 462 mm	17.6" / 447 mm	18.2" / 462 mm
C Height, small blocks	18.6" / 471 mm	18.4" / 467 mm	18.6" / 471 mm
D Height, tall blocks	19.4" / 493 mm	19.2" / 487 mm	19.4" / 493 mm
E Height, stacked blocks	21.6" / 548 mm	21.3" / 542 mm	21.6" / 548 mm
F Frame width	12.5" / 318 mm	11" / 278 mm	12.5" / 318 mm
G Block position, max spread	75.8" / 1,926 mm	66" / 1,676 mm	66" / 1,676 mm
H Block position, min spread	47.4" / 1,205 mm	37.4" / 951 mm	37.4" / 951 mm
I Frame length	86" / 2,185 mm	75" / 1,905 mm	76" / 1,930 mm
Individual frame weight	110 lbs / 50 kg	80 lbs / 36 kg	101 lbs / 46 kg
Power unit weight	35 lbs / 16 kg	35 lbs / 16 kg	35 lbs / 16 kg
Power Unit PRV setting	1,980 PSI	1,980 PSI	1,980 PSI
Sound (when raising/lowering)	<70 dBA	<70 dBA	<70 dBA
Maximum allowed wind speed	<60 mph / <96.5 kph	<60 mph / <96.5 kph	<60 mph / <96.5 kph

*For reference purposes only; **do not** raise a Vehicle without Lift Blocks.

Specifications are subject to change without notice.

Frequently Asked Questions

Question: What kinds of Vehicles can I raise using my QuickJack?

Answer: A wide variety. The two main criteria are: is the Vehicle under the weight capacity of your QuickJack and do the QuickJack's Lift Blocks hit the Vehicle's factory-recommended Lifting Points? If the answers are yes, and for most Vehicles the answers are yes, then you can raise the Vehicle.

Q: What if I want to raise a Vehicle that is slightly over the weight capacity of my QuickJack?

A: This is not an intended use of the product. We strongly recommend against trying to raise a Vehicle that is heavier than the rated capacity of your QuickJack.

Q: How many locking positions does my QuickJack have?

A: Two. We call them the First Locking Position and the Top Locking Position.

Q: Do the QuickJack Frames have a "left" and "right" orientation?

A: Yes. If you put your QuickJack Frames next to each other with both Lock Bars on the outside and the *end with the sticker away from you*, then the Frame on the left is the "left" Frame and the Frame on the right is the "right" Frame. These are the orientations noted on the boxes the QuickJack Frames come in and is shown in **Unpacking**.

Q: Can I use my QuickJack outdoors?

A: No. The QuickJack is approved for indoor installation and use only. **Outdoor installation is prohibited.** Your QuickJack is portable, however, so if you end up taking it outdoors, remember to protect it from the weather (for example, from falling dirt, rain, sleet, and snow).

Q: If I am going to move my QuickJack, do I have to take it apart?

A: Only a little: disconnect the Long Hydraulic Hoses at the Power Unit or at the Short Hydraulic Hoses, then move the sections separately. This is easier than trying to move the QuickJack with all of the components connected.

Q: Can I drive on the QuickJack Frames?

A: A Vehicle can be **above** your QuickJack Frames (this is normal operation, in fact), but **do not** drive a Vehicle **on** the QuickJack Frames or the Hydraulic Hoses; this damages them.

Q: What happens if I raise a Vehicle on my QuickJack but **do not** leave it in a locked position?

A: First, do not do this; it is a safety hazard. Second, because the QuickJack is not in a locked position, the weight of the Vehicle will eventually lower it to the ground. Always follow this rule: **if you raise a Vehicle, engage it on a locking position or lower it back to the ground.**

Q: How long can I leave a Vehicle raised on my QuickJack?

A: As long as you want, **if it is engaged on a locking position.** Once your QuickJack is engaged on one of its two locking positions, gravity holds it in place; a loss of power or leaking Hydraulic Fluid would **not** cause the QuickJack to lower.

Q: Anything else I should know about my QuickJack?

A: Two things. First, **do not raise your QuickJack Frames to full height with no Vehicle on it.** QuickJack Frames are built to hold the weight of a Vehicle; they may get stuck at full rise if there is no weight on them. *Always raise your QuickJack Frames with a Vehicle on them.* Second, do not try to raise a Vehicle from no net rise (meaning, if you lower the QuickJack Frames to the ground while the Vehicle's tires are removed). QuickJack needs some space to build up enough force to raise a Vehicle.

Setup Checklist

Following are the steps needed to install a QuickJack. Perform them in the order shown.

- ☐ 1. Review the setup Safety Rules.
- ☐ 2. Make sure you have the necessary Tools.
- ☐ 3. Select the setup Site.
- ☐ 4. Unpack the Components that came with the QuickJack.
- ☐ 5. Make sure there is adequate Clearance on all sides and above.
- ☐ 6. Locate the QuickJack Assembly Kit.
- ☐ 7. Locate and examine the Air and Hydraulic Cylinders.
- ☐ 8. Install the Hydraulic Elbow Fittings.
- ☐ 9. Prepare the Short Hydraulic Hoses.
- ☐ 10. Understand Quick-Connect Fittings
- ☐ 11. Route the Short Hydraulic Hoses.
- ☐ 12. Prepare and connect the Long Hydraulic Hoses.
- ☐ 13. Pressurize the Air Cylinders.
- ☐ 14. Find a location for the Power Unit.
- ☐ 15. Install fittings on the Power Unit.
- ☐ 16. Connect the Power Unit to a Power Source.
- ☐ 17. Fill the Hydraulic Fluid Reservoir.
- ☐ 18. Check the Breather Valve.
- ☐ 19. Connect the Hydraulic Hoses.
- ☐ 20. Bleed the Hydraulic Cylinders.
- ☐ 21. Review the Final Checklist.
- ☐ 22. Test the QuickJack.
- ☐ 23. Leave the Manual for the owner/operator.

Setup

This section describes how to set up your QuickJack.

 **WARNING** *Use only the factory-supplied parts that came with your QuickJack.* If you use parts from a different source, you void your warranty and compromise the safety of everyone who sets up or uses the QuickJack. If you are missing parts, visit quickjack.com/support or contact QuickJack Technical Support at support@quickjack.com, (888) 262-3880, or (805) 933-9970.

Your QuickJack is supplied with setup instructions that meet the criteria set by the American National Standard “Automotive Lifts – Safety Requirements for Construction, Testing, and Validation” ANSI/ALI ALCTV-2011.

Setup Safety Rules

When setting up a QuickJack, your safety depends on proper training and thoughtful operation.

 **WARNING** Always use proper tools, such as a forklift or shop crane, to move heavy components. Do not install this equipment without reading and understanding this manual and the labels on the unit.

BendPak recommends referring to the ANSI/ALI ALIS Standard (R2015) *Safety Requirements for Installation and Service* for more information about safely setting up, using, and servicing your QuickJack.

Pay attention at all times during setup. Use appropriate tools and equipment. Stay clear of moving parts. Keep hands and fingers away from pinch points.

 **WARNING** You must wear protective equipment at all times during setup: leather gloves, steel-toed work boots, eye protection, back belts, and hearing protection.

Tools

You need the following tools to set up your QuickJack:

- SAE / metric hex key set
- SAE / metric socket and ratchet set
- SAE / metric wrench set or an adjustable wrench
- Screwdriver set



Tip

Keep a rag handy during setup; Hydraulic Fluid sometimes leaks.

At some point during setup, you will need to provide some air pressure (to 50 PSI, for the Air Cylinder) and 2.1 quarts / 2 liters of Hydraulic Fluid.

Selecting a Site

Keep the following in mind when selecting a site for your QuickJack:

- **Enough space.** Make sure there is adequate space for the QuickJack and the Vehicles you will be raising.
- **Radial Shift.** When you raise your QuickJack with a Vehicle on it, the geometry of the Frames moves the Vehicle up at a slight angle, towards the sticker end of the QuickJack; refer to the graphic in **Unpacking**. Radial shift is always towards the sticker end of the QuickJack, no matter which way the Vehicle is facing.

Radial shift can be anywhere from 11 to 15 inches, depending on QuickJack model.

Make sure to account for radial shift when choosing where to set up and use your QuickJack.

- **No overhead obstructions.** Make sure your site is free of overhead obstructions such as heaters, building supports, electrical lines, low-hanging lights, and so on. We recommend leaving at least three feet above the top of the Vehicle when raised on the QuickJack.
- **Level floor.** Inspect the floor and check for defective concrete or asphalt. Make sure the floor is dry, level, and has a minimum compressive strength of 500 psi.
- **Power in the right place.** You will need to have a power source for your Power Unit. If you are using 110 or 220/240 VAC power, the Power Unit must be close enough to the power source for the cord to reach.

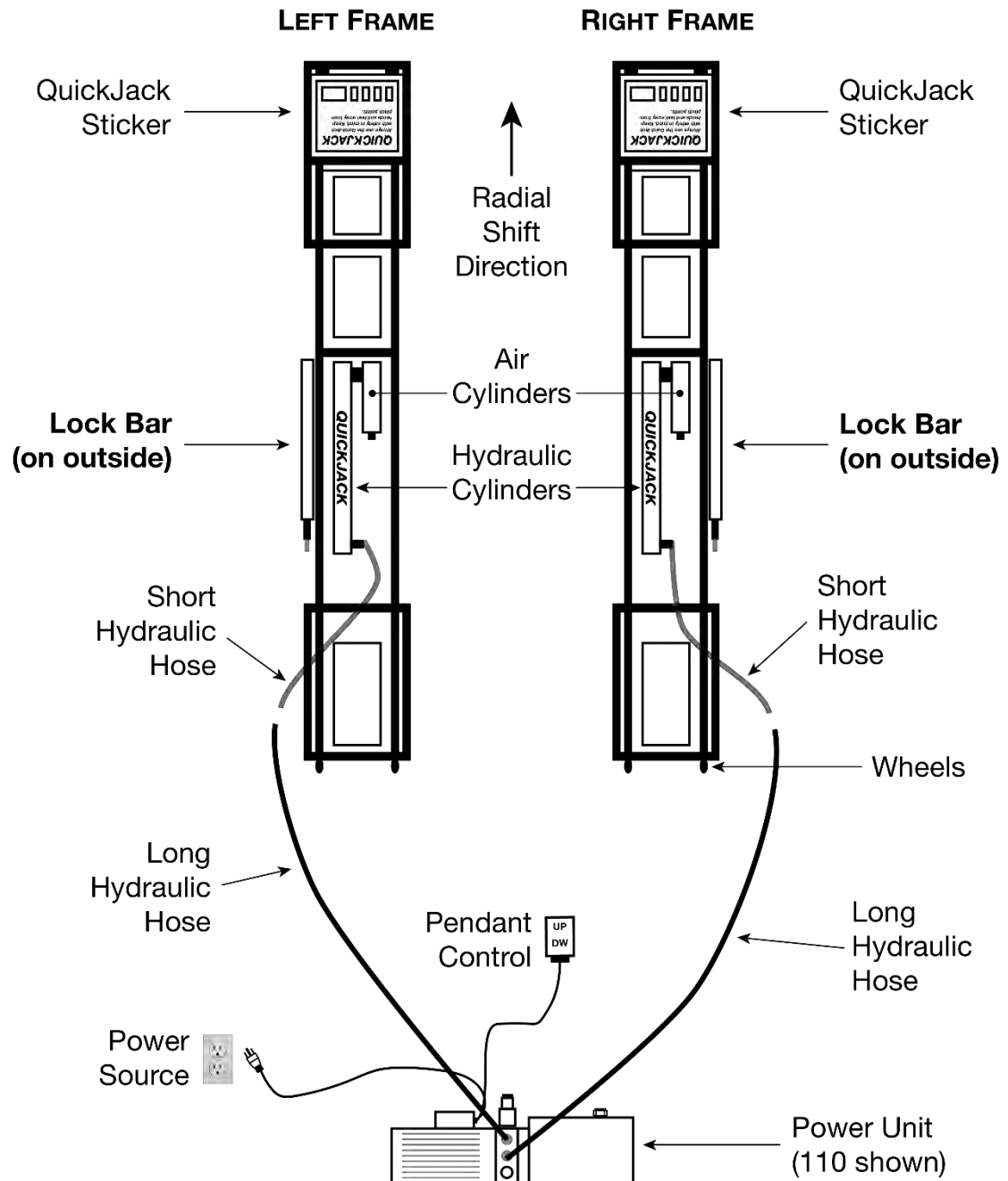
If you are using a 12 VDC power source, the Power Unit must be close enough to the power source for your connection method to reach. For example, if you are powering your 12 VDC Power Unit with a Vehicle Battery, the Power Unit must be within reach of the Jumper Cables attached to the Vehicle's Battery.

 **WARNING** Do not set up or use a QuickJack on a surface with 3° of slope or more, as this could lead to personal injury or death if a raised Vehicle were to fall off the QuickJack. The greater the slope, the more likely the Vehicle will become unbalanced and fall off the QuickJack, which could damage the Vehicle and injure anyone in the area.

Unpacking

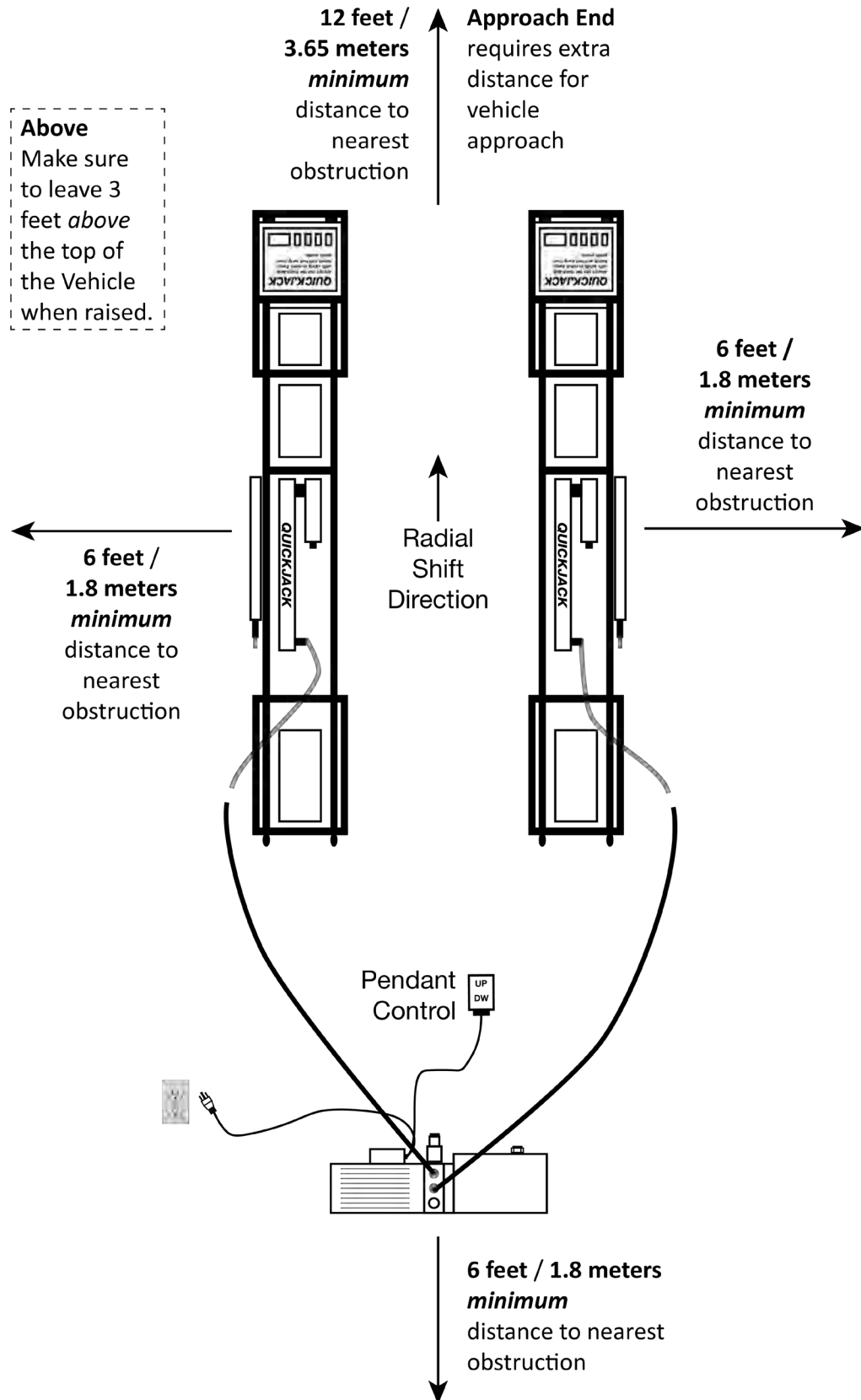
Open the boxes and arrange the QuickJack components where you will be setting them up.

⚠ WARNING Your two QuickJack Frames are similar, but they are **not** interchangeable. Always line up your Frames as parallel to each other as the Lifting Points will allow, with the **Lock Bars on the outside**, as shown below.



⚠ CAUTION Be sure to route the Short Hydraulic Hoses **under** the QuickJack Frames. If they are routed over the QuickJack Frames, the QuickJack will not work correctly and the Hoses could be damaged.

Clearances



Not necessarily to scale. Not all components shown. Vehicle approach must be opposite Power Unit. Do not drive Vehicle on Hydraulic Hoses, Power Unit, or QuickJack Frames.

QuickJack Assembly Kit

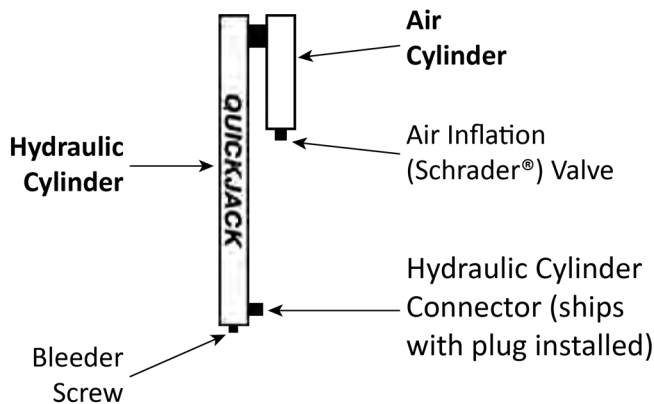
Many of the items you will be using during initial setup come in the QuickJack Assembly Kit, which is a clear plastic container included in your QuickJack packaging.

The QuickJack Assembly Kit includes:

- Four female Quick-Connect Fittings (for Long Hydraulic Hoses, both ends of each hose)
- Two male Quick-Connect Fittings (one for each Short Hydraulic Hose)
- Two Power Unit Quick-Connect Fittings (both connect to the Hydraulic Ports on the front of the Power Unit, one above the other; put on the bottom one first)
- Two Hydraulic Elbow Fittings (one for each Hydraulic Cylinder)
- Thread Seal Tape
- Four plastic feet (for Power Units with carriers)
- Two **replacement** wheels

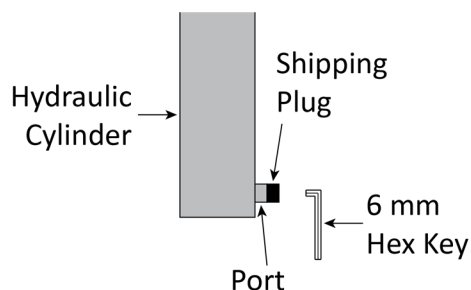
Air and Hydraulic Cylinders

Each QuickJack Frame has one Air Cylinder and one Hydraulic Cylinder.



The components of the Air and Hydraulic Cylinders are:

- **Air Inflation Valve.** Used to add air pressure to the Air Cylinder. Comes with the appropriate valve (also called a Schrader® valve) installed.
- **Hydraulic Cylinder Connector.** Hydraulic Elbow Fitting attaches here. Use a 6 mm hex key to remove the shipping plug before installing the Hydraulic Elbow Fitting.



- **Bleeder Screw.** Used to “bleed” the air from the Hydraulic System, if necessary. Refer to **Troubleshooting** for more information.

Installing the Hydraulic Elbow Fittings

You need to install one Hydraulic Elbow Fitting on each Hydraulic Cylinder.

To install a Hydraulic Elbow Fitting:

1. Remove the shipping plug from the Hydraulic Cylinder Port using a 6 mm hex key.

Hydraulic Elbow Fitting

O-Ring end.
Connects to Port
on Hydraulic
Cylinder.



Threaded end.
Connects to Female
end of Short
Hydraulic Hose.

2. Get an Hydraulic Elbow Fitting from the QuickJack Assembly Kit; screw the O-ring fitting end into the Hydraulic Cylinder Port.



Tip

Raising the QuickJack Frame and putting a Lift Block under it or manually raising the Platform to a locking position can provide a little bit of extra room, making it easier to secure the Hydraulic Elbow Fitting.

Important: Do **not** use Thread Seal Tape on either end of the Hydraulic Elbow Fitting.



3. Position the threaded fitting end as shown above; accessible but not pointed up.
You want the threaded fitting end accessible but **not** pointed **up**, as the Short Hydraulic Hose would then angle up and could possibly impact the underside of a Vehicle.
4. Tighten the fitting nut to 11 to 12 lbf-ft / 14 to 16 N-m.
5. Perform the same process for the Hydraulic Cylinder on the other QuickJack Frame.

Preparing the Short Hydraulic Hoses

Your QuickJack comes with two Short Hydraulic Hoses:

- **Female end.** Attach directly to the Hydraulic Elbow Fitting on the Hydraulic Cylinder. *You do not need to add a fitting to this end of the Short Hydraulic Hose.*
- **Male end.** Install a male Quick-Connect Fitting to the male end.

Short Hydraulic Hose



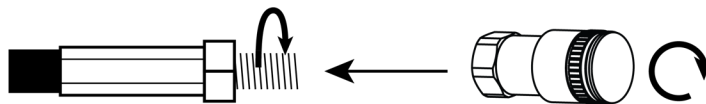
To set up and connect the Short Hydraulic Hoses:

1. Locate both Short Hydraulic Hoses and remove their protective caps.
2. Wrap the threaded fitting on the male end of each Short Hydraulic Hose with Thread Seal Tape.

Only one end of a Short Hydraulic Hose has a male threaded fitting; the other end has a female fitting that attaches directly to the Hydraulic Elbow Fitting on the Hydraulic Cylinder.

To use Thread Seal Tape: determine what direction you will be turning the Fitting, wrap the threads with Thread Seal Tape two or three times in the *same direction*, then attach the Fitting.

The following drawing shows how to apply Thread Seal Tape.



Threads

Wrap Thread Seal Tape in same direction as you are going to turn the Fitting.
In this case, clockwise.

Fitting

Determine direction you will turn Fitting to attach to Threads.
In this case, clockwise

The drawing above show the Fitting being turned clockwise to attach it, so you would also attach the Thread Seal Tape clockwise.

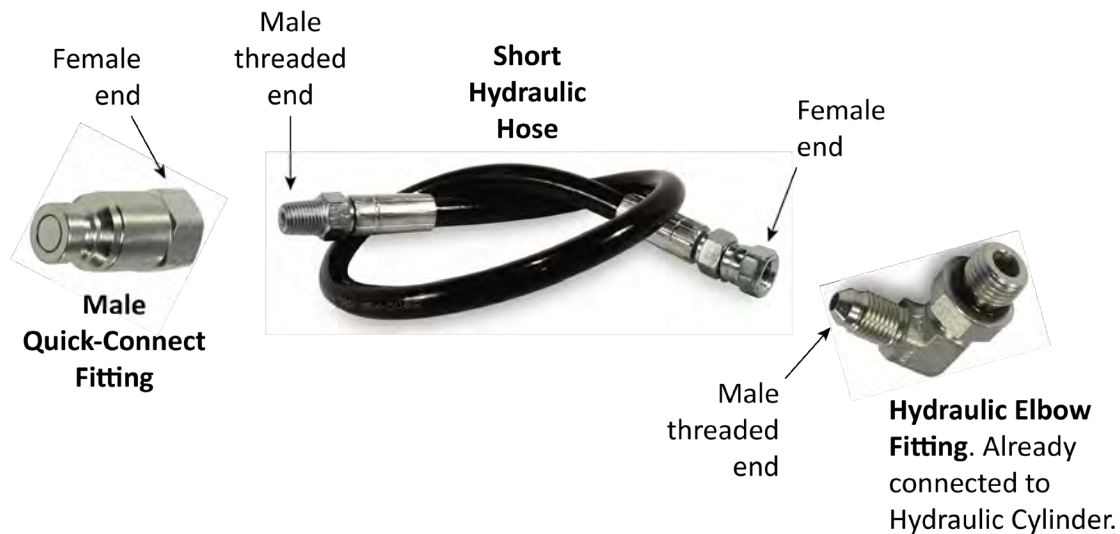
Important: Always wrap Thread Seal Tape in the same direction as you will be attaching the Fitting.

If you apply Thread Seal Tape in the wrong direction, it is much more likely to come off as you attach the Fitting, possibly getting into the Hydraulic Fluid and blocking fluid flow.

3. Attach one male Quick-Connect Fitting from the QuickJack Assembly Kit to the male threaded fitting end of the Short Hydraulic Hose; tighten to 23 to 25 lbf-ft / 31 to 34 N-m.

To tighten, use one wrench to hold the Male threaded end in place and a second wrench on the Male Quick-Connect Fitting.

Do the same for the other Short Hydraulic Hose.



4. Connect the female end of the Short Hydraulic Hose to the male connector on the Hydraulic Elbow Fitting; tighten to 23 to 25 lbf-ft / 31 to 34 N-m.

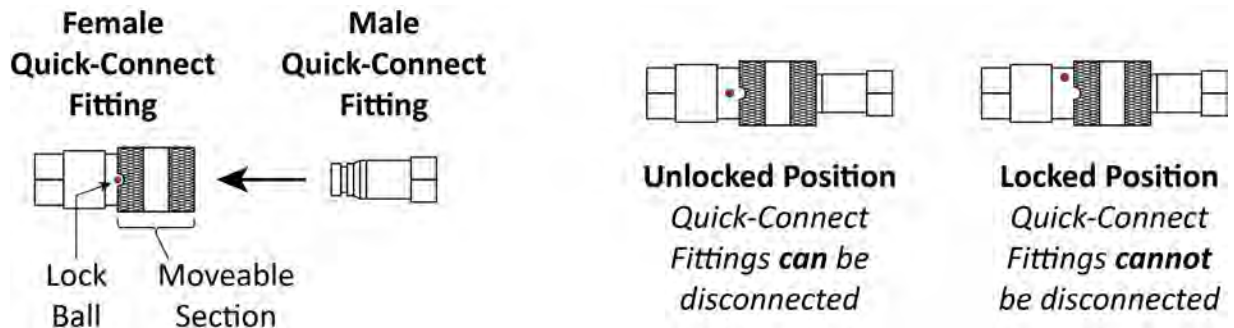
The Hydraulic Elbow Fitting should already be installed on the Hydraulic Cylinder.

5. Route both Short Hydraulic Hoses **under** the Frame ends; keep them clear of pinch points.

About Quick-Connect Fittings

Quick-Connect Fittings let you quickly connect and disconnect the QuickJack's Hydraulic Hoses. This makes it easier to separate the Hydraulic Hoses from the Power Unit for storage or to get the Power Unit out of the way if the QuickJack Frames are engaged on a Locking Position.

Quick-Connect Fittings have a lock ball that lets you lock a connection.



To lock a connection: Push the Male Quick-Connect Fitting into the Female Quick-Connect Fitting, then turn the Moveable Section so that the Lock Ball is not opposite the Notch.

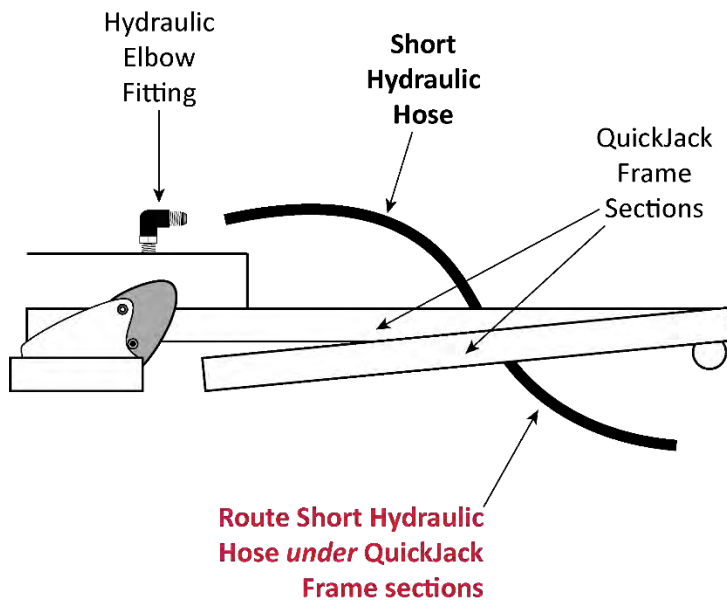
To unlock and disconnect a connection: Turn the Moveable Section so the Lock Ball is opposite the Notch, then pull back on the Moveable Section and pull out the Male Quick-Connect Fitting.

Routing the Short Hydraulic Hoses

After connecting the Short Hydraulic Hoses to the Hydraulic Elbow Fitting on the Hydraulic Cylinder, make sure to route them ***under the side of the QuickJack Frame***.

⚠ CAUTION If you mistakenly route a Short Hydraulic Hose over the QuickJack Frame, the QuickJack will not work correctly and you could damage the hose and/or cause the Vehicle on the QuickJack to become unstable.

The following drawing is a side view of a QuickJack with the Short Hydraulic Hose being routed under the QuickJack Frame sections.



Drawing not necessarily to scale. Not all components shown, some exaggerated for clarity. Hydraulic Elbow Fitting is shown pointed up for clarity; it is not actually installed this way.

Preparing and Connecting the Long Hydraulic Hoses

Your QuickJack comes with two Long Hydraulic Hoses:

- One end attaches to the Short Hydraulic Hose
- The other end attaches to the Power Unit

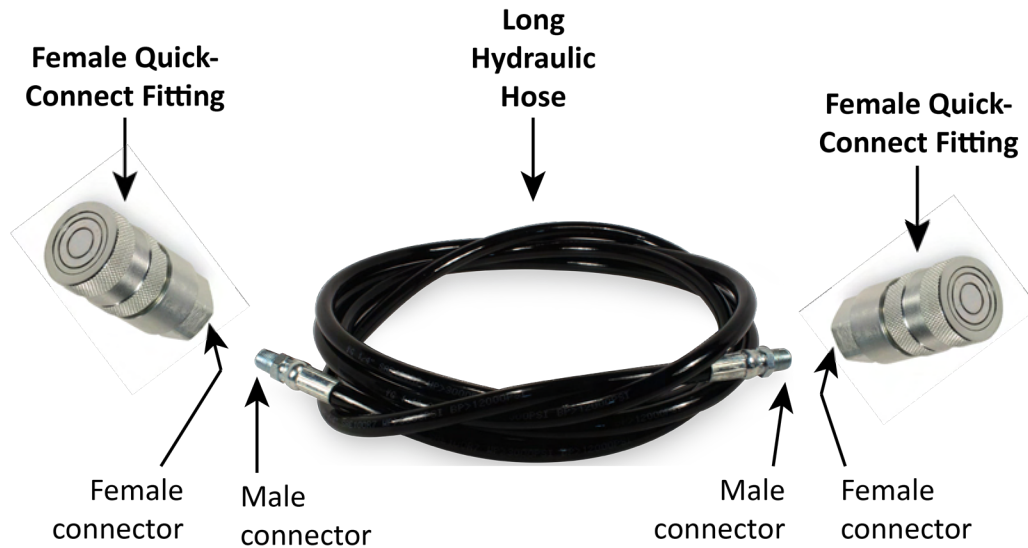
Both ends require the installation of a female Quick-Connect Fitting.

To prepare and connect your Long Hydraulic Hoses:

1. Locate both Long Hydraulic Hoses and remove their protective caps.
2. Wrap all four threaded ends with Thread Seal Tape.

Wrap the Thread Seal Tape in the same direction you will be turning the fittings.

3. Take all four female Quick-Connect Fittings from the QuickJack Assembly Kit.



4. Connect the female Quick-Connect Fittings to the male threaded connectors on both ends of both Long Hydraulic Hoses; four connections in total.

To tighten, use one wrench to hold the Male connector in place and a second wrench on the Female Quick-Connect Fitting to tighten it; tighten to 10 to 11 lbf-ft / 13 to 15 N-m.

Pressurizing the Air Cylinders

The Air Cylinders (one on each QuickJack Frame) need to be pressurized before you can use your QuickJack.

Air Cylinders help push the QuickJack Frames down.

Note that the valve stems on the Air Cylinders are installed at the factory.

Make sure the QuickJack Frames are fully lowered when you pressurize the Air Cylinders.

To pressurize the Air Cylinders:

1. Use a valve tool to release a short hiss of air to check the air inflation valve for proper operation and to drain any accumulated oil.

Holding the valve open releases the air currently in the Air Cylinder.

2. Using a pump or air compressor, inflate the Air Cylinder to from 40 to 50 PSI / 2.75 to 3.4 BAR; **do not exceed 50 PSI / 3.4 BAR.**

The **JackPak accessory** can also be used to pressurize the Air Cylinders.



3. When the pressure is between 40 and 50 PSI / 2.75 to 3.4 BAR, remove the pump or air compressor.

⚠ WARNING Do not exceed 50 PSI / 3.4 BAR with the QuickJack Frames in the fully lowered position, as there is a chance of explosion. Make sure to remove power and bleed off air pressure before servicing.

4. Repeat Steps 1 through 3 for the other Air Cylinder.

Find a Location for the Power Unit

Your Power Unit must be located near the QuickJack Frames.

Note: Some Power Units come with a carrier and handle, some with just a handle. They work the same.

Based on the combined length of the Short and Long Hydraulic Hoses, your Power Unit should be about 10 to 12 feet away from your QuickJack Frames and out of the way of the Vehicles you will be driving on to and off of the QuickJack.

Important: Do not drive vehicles **on** the Hydraulic Hoses; this damages the hoses, making it more likely that they will leak.

⚠ WARNING Risk of explosion. The QuickJack Power Unit has arcing or sparking parts that should not be exposed to flammable vapors. The Power Unit should be located at least 460 mm (18 inches) above the floor.

Installing the Hydraulic Fittings on the Power Unit

Before you can connect your Power Unit to the Long Hydraulic Hose, you first need to install Quick-Connect Fittings to the hydraulic ports on the front of the Power Unit.



Tip

QuickJack recommends installing the bottom Power Unit Quick-Connect Fitting first, then the top one. It is difficult to access the bottom fitting if you install the top fitting first.

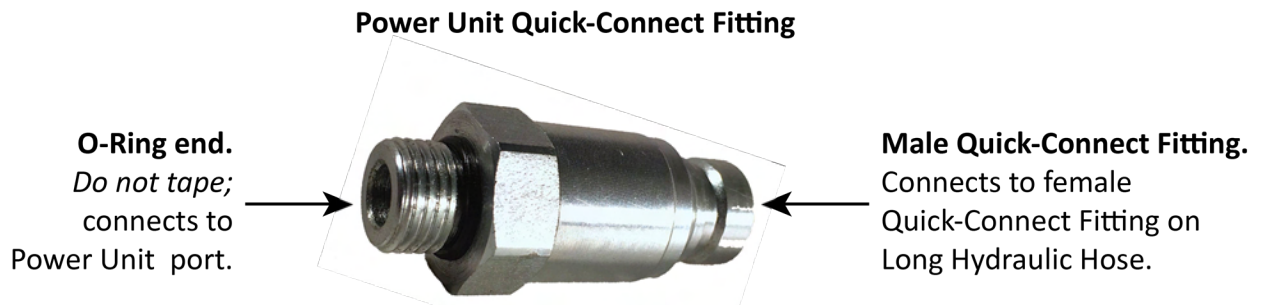
You usually only have to install these fittings once. To move your QuickJack later, just disconnect the Power Unit from the Long Hydraulic Hoses using the Quick-Connect Fittings.

To connect Power Unit Quick-Connect Fittings to Power Unit hydraulic ports:

1. On the Power Unit, remove the plastic shipping plugs from the two hydraulic ports on the front.
2. Get a Power Unit Quick-Connect Fitting from the QuickJack Assembly Kit, insert the O-ring side into one of the two hydraulic ports on the front of the Power Unit, then tighten to 11 to 12 lbf-ft / 14 to 16 N-m.

QuickJack recommends connecting the bottom hydraulic port first, then the top one.

Do not use Thread Seal Tape on the O-ring threads.



3. Repeat Step 2 for the second Quick-Connect Fitting on the Power Unit.

Connect the Power Unit to a Power Source

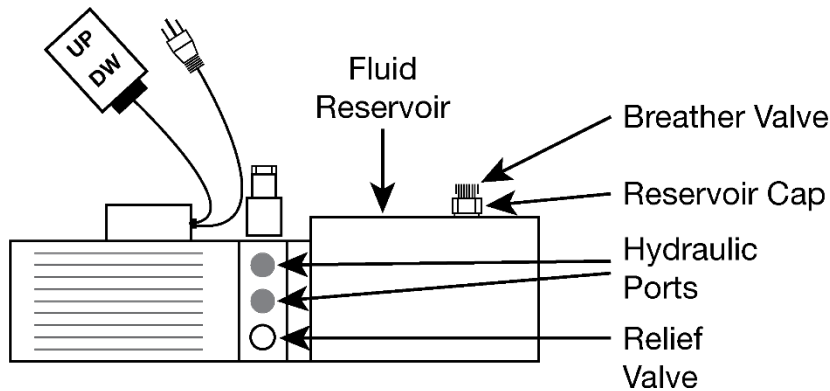
Your Power Unit must also be located near an appropriate power source.

Refer to the manufacturer's information tag on your Power Unit for current and wattage information for your specific unit.

Power Sources for VAC Power Units

If you are using a 110 or 220/240 VAC Power Unit with your QuickJack, connect it to an appropriate power source.

110 VAC Power Unit

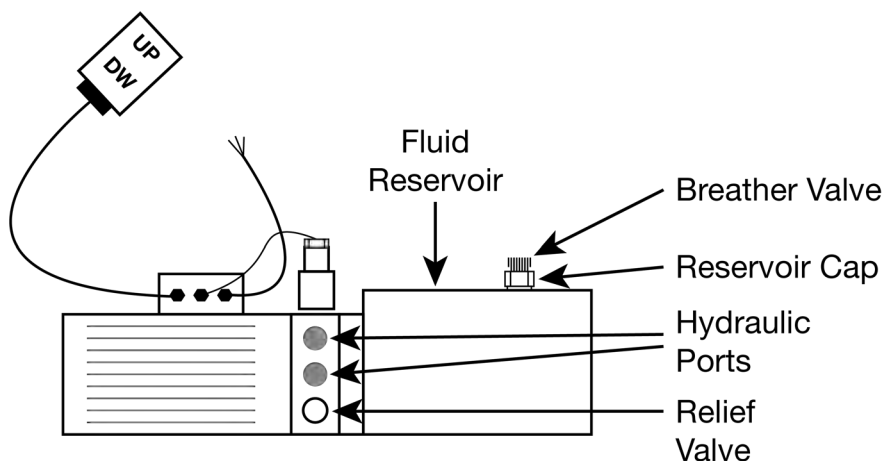


Drawing not necessarily to scale. Some Power Units may be slightly different.

220/240 VAC Power Unit

220 and 240 Power Units come with wiring for connection to a power source, but **without a plug**. You will need to have a certified Electrician connect the wiring to a plug appropriate for your location.

⚠ DANGER All wiring **must** be performed by a licensed, certified Electrician. If wiring the plug is done incorrectly, you could damage the QuickJack and/or cause serious injury.



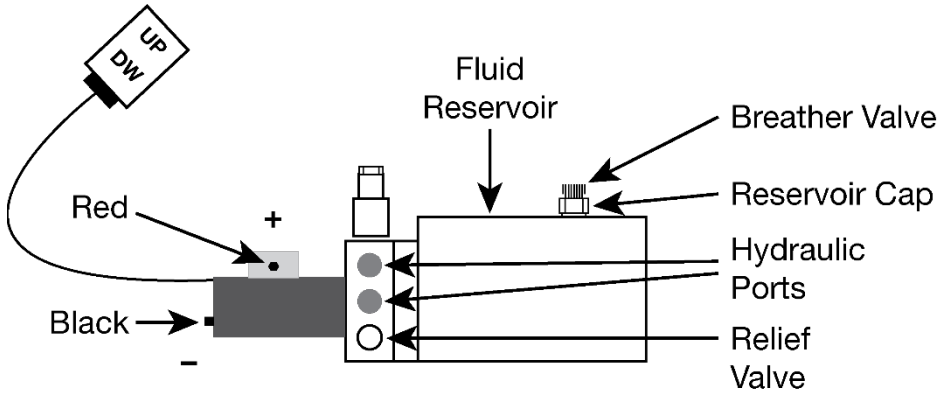
Drawing not necessarily to scale. Some Power Units may be slightly different.

The wiring on the 220/240 VAC units uses the international wiring standard of Brown (hot), Blue (neutral), and Green/Yellow (ground). In the United States, the corresponding wiring is Black (L1 hot), Red (L2 hot), and Green or Green/Yellow (ground).

Power Sources for 12 VDC Power Units

If you are using a 12 VDC Power Unit with your QuickJack, you can connect it to a Vehicle battery. Refer to [Using the 12 VDC Power Unit](#) for usage information.

12 VDC Power Unit



Drawing not necessarily to scale. Some Power Units may be slightly different.

Keep the following in mind:

- Connect your 12 VDC Power Unit directly to a 12-volt power source. The minimum requirement for Jumper Cables is 7 gauge / 10 mm.
- Make sure to connect the 12 VDC **negative** (black, **-**) source to the **negative** (black, **-**) terminal and the 12 VDC **positive** (red, **+**) power source to the **positive** (red, **+**) terminal.
- Remove all jewelry while working with the 12 VDC Power Unit.

Filling the Hydraulic Fluid Reservoir on the Power Unit

The Hydraulic Fluid Reservoir must be filled with Hydraulic Fluid or Automatic Transmission Fluid **before** you begin operation of the QuickJack.

When you receive it, the Fluid Reservoir is empty. The Power Unit will not work correctly until it is filled with approved fluids.

⚠ CAUTION If you use the QuickJack **without** fluid in the reservoir, you could damage the Power Unit.

Approved fluids are any general purpose ISO-32, ISO-46, or ISO-68 Hydraulic Fluid, approved Automatic Transmission Fluids such as Dexron III, Dexron VI, Mercon V, Mercon LV, or any synthetic multi-vehicle Automatic Transmission Fluid.

The fluid level should be approximately .5 inch (12 mm) below the Fill Hole when the QuickJack is fully lowered. Note that the fluid level drops some after you start using the QuickJack; this is because some fluid stays in the Hydraulic Hoses. If you notice that the fluid level has dropped more than a little, you should fill it back up to half an inch below the Fill Hole (with the Frames on the ground).

Important: Do not completely fill the Fluid Reservoir while there is fluid in the hoses. If you do, the reservoir could overflow when the fluid in the hoses returns (when you lower the QuickJack Frames).

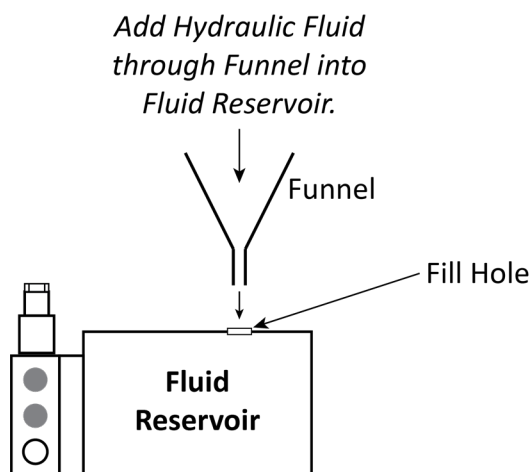
QuickJack recommends having a couple of rags nearby in case any fluid leaks.

To fill the Fluid Reservoir:

1. Remove the Reservoir Cap (if it has a Breather Valve they both come off together) from the Fill Hole and put it down in a non-contaminated area.
2. Fill the Fluid Reservoir with approximately 2.1 quarts / 2 liters of approved fluids (see above).

You want the fluid level about .5 inch (12 mm) below the Fill Hole with the QuickJack Frames lowered.

Make sure the Funnel is clean; if there are contaminants on it, they could get into the Fluid Reservoir.



3. Replace the Reservoir Cap in the Fill Hole and hand tighten it firmly.

Check the Breather Valve

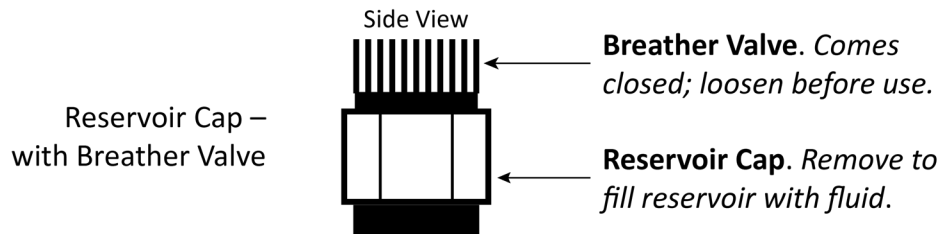
If your Power Unit has a Reservoir Cap with a Breather Valve, you need to loosen the Breather Valve *before* using the Power Unit. It ships tightened, so that no contaminants will get inside.

If your Power Unit has a Self-Venting Reservoir Cap (see drawing below), you do **not** need to loosen it.

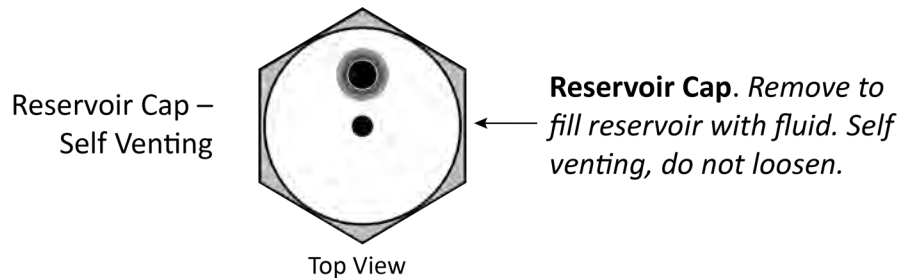
To check the Breather Valve:

1. Determine what Breather Valve is on your Power Unit:

- **Reservoir Cap, with Breather Valve.** The Breather Valve comes from the factory tightened. You must loosen it before you start using the Power Unit.



- **Reservoir Cap, Self-Venting.** There's nothing to loosen; proceed to the next section.



CAUTION If you have a Reservoir Cap with a Breather Valve, you **must** loosen it about half a turn counterclockwise before using the Power Unit. If you do not, the excess pressure could damage the pump or cause the Fluid Reservoir to overflow.

2. To loosen a Breather Valve, turn it from one quarter to one half turn **counterclockwise**.

This moves it to the open position, allowing air to move into and out of the Fluid Reservoir.

3. If you are going to move the Power Unit to a different location, tighten the Breather Valve before you move it. This helps prevent fluid from leaking and contaminants from getting into the Fluid Reservoir during transport.

Make sure to loosen the Breather Valve again **before** using the Power Unit at the new location.

Connect the Hydraulic Hoses

If you have not done so already, connect all of the Hydraulic Hoses:

- **Short Hydraulic Hoses.** Connect to the Hydraulic Cylinders on the QuickJack Frames on one end and to the Long Hydraulic Hoses on the other end.
- **Long Hydraulic Hoses.** Connect to the Short Hydraulic Hoses on one end and to the Quick-Connect Fittings on the front of the Power Unit on the other end.

The drawing in **Unpacking** shows the locations of the Hydraulic Hoses in relation to the QuickJack Frames and the Power Unit.

Bleeding the Hydraulic Cylinders

Bleeding the Hydraulic Cylinders removes air from the Hydraulic System.

If you have air in the Hydraulic System, you can experience shaking, jerking, one frame rising faster than the other, and so on during raising and lowering. This does not damage the QuickJack or the Hydraulic Cylinder, but it is not the normal *smooth* experience you should be getting.

To bleed the Hydraulic Cylinders, you are going to need:

- multiple **rags** to wipe up fluid
- a **5 mm hex key** (also called an Allen® key) to loosen and tighten the Bleeder Screws
- **six of the Lift Blocks** that came with the QuickJack: four Tall and two Medium

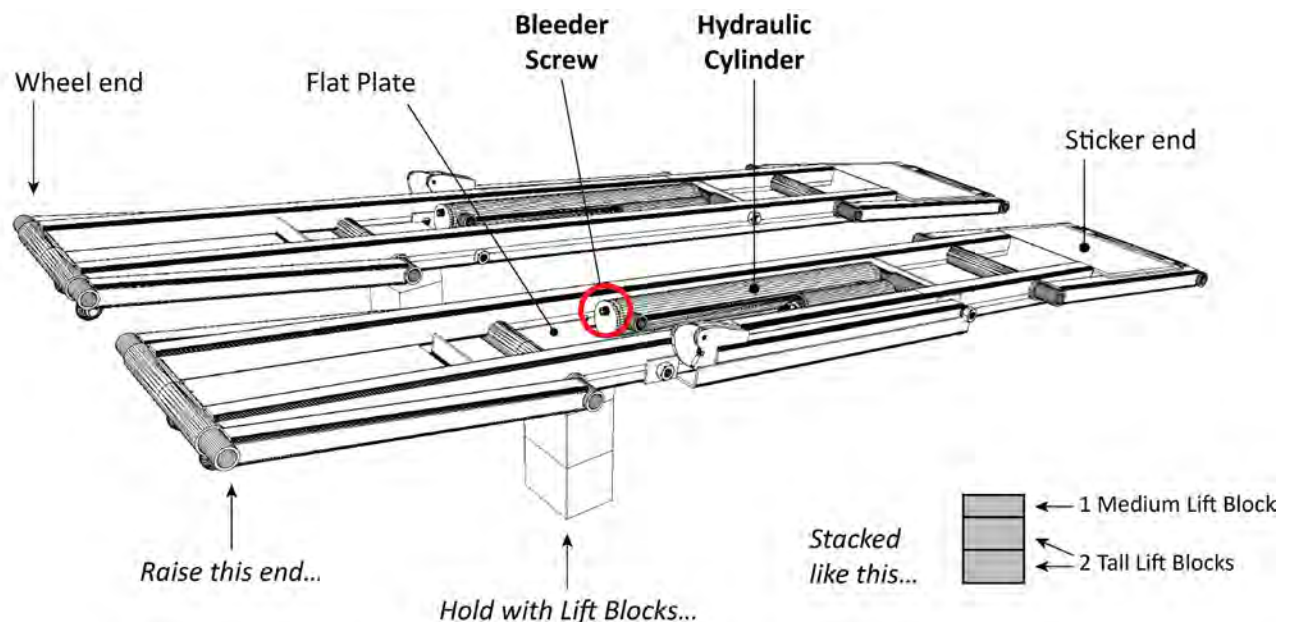
Do **not** put a Vehicle on the QuickJack Frames when bleeding the Hydraulic Cylinders.

To bleed a QuickJack's Hydraulic Cylinders:

1. Lay the two QuickJack Frames next to each other on the ground.

⚠ CAUTION Keep hands clear of pinch points at all times; you could be injured.

2. Stack two of the Tall Lift Blocks on each other, and then put one of the Medium Lift Blocks on top of them. Do this twice, so you have 2 sets of three stacked Lift Blocks.
3. Raise the Wheels end of the QuickJack Frames, one Frame at a time, and put one set of stacked Lift Blocks under the Flat Plate that is under the Bleeder Screw.



⚠ CAUTION Do **not** put the stacked Lift Blocks under the Wheel end of the Frame. The Wheel end of the Frame moves when the QuickJack is being raised or lowered, which could lead to the stacked Lift Blocks falling over.

4. Gently rock each QuickJack Frame to make sure it is stable on the stacked Lift Blocks.
5. If a Frame is **not** stable, adjust the Lift Blocks and/or the QuickJack Frame until it is stable.

Do not proceed until both QuickJack Frames are stable on the stacked Lift Blocks.

-
6. Using the Pendant Control, raise and then lower both Frames about 8 in / 203 mm or so off the ground (do not pass the First Locking Position) **three times**.
Raising and lowering the Frames moves Hydraulic Fluid into the Hydraulic System and pushes air towards the Bleeder Screws.
Note: Without the weight of a Vehicle on them, the QuickJack Frames may lower unevenly and slower than normal.
 7. Put a clean rag under the Bleeder Screw on the Hydraulic Cylinder you are going to bleed first.
There is definitely going to be Hydraulic Fluid coming out, so it is better to be ready for it.
 8. Loosen the Bleeder Screw using the hex key.
 9. When you hear air escaping, stop loosening the Bleeder Screw—air and some Hydraulic Fluid come out.
 10. When no more **air** is coming out, tighten the Bleeder Screw and wipe up the Hydraulic Fluid.
 11. Put another rag under the Bleeder Screw.
 12. Press **Up** on the Pendant Control for a couple of seconds, then stop.
This helps to move any remaining air towards the Bleeder Screw.
 13. Open the Bleeder Screw a small amount.
 14. Press **Up** on the Pendant Control for a couple of seconds *only*, then stop.
A combination of air and Hydraulic Fluid comes out.
 15. Tighten the Bleeder Screw.
The Bleeder Screw must be tightened before you press Down on the Pendant Control. If it is not tightened, air will be pulled **in** as the QuickJack Frames lower.
 16. Press **Down** on the Pendant Control; return the QuickJack Frames to flat.
Note: Without the weight of a Vehicle on them, the QuickJack Frames may lower unevenly and slower than normal.
 17. Repeat Steps 13 through 16 until no more air comes out.
 18. Clean up any remaining Hydraulic Fluid.
 19. Tighten the Bleeder Screw with the hex key: **do not overtighten**.
 20. Lift one of the QuickJack Frames, remove the stacked Lift Blocks, lower the frame back down to the ground, and then repeat for the other QuickJack Frame.

Final Checklist Before Operation

Make sure these things have been done **before** using your QuickJack:

- Review the **Setup Checklist** to make sure all steps have been performed.
- Make sure the Power Unit is getting power from the power source.
- Check the Hydraulic Fluid Reservoir; it must be full of approved Hydraulic Fluid or automatic transmission fluid. **You can harm the motor by running it without enough fluid.**
- Check the Hydraulic System for leaks.
- Make sure both Lock Bars are moving freely and in their tracks; make sure there are no obstructions in the tracks.

Test the QuickJack

Make a visual check of all components to make sure they are in good working order **prior** to raising a Vehicle; do this **every time** you use your QuickJack. Check the Quick-Connect Fittings for wear, damage, or leakage; do not raise a Vehicle if the Quick-Connect Fittings are damaged or worn—you must replace them.

Important: **Only raise the QuickJack Frames with a Vehicle on them.** The QuickJack Frames are engineered and designed to support the weight of a Vehicle; they can occasionally get stuck at full height if there is no Vehicle on them.

 **WARNING** **When raising or lowering a QuickJack, pay attention!** A common safety issue is lack of Operator attention; for example, **do not** be looking at a smartphone while raising or lowering the QuickJack. It is your responsibility to pay attention; if you do not, you could damage the QuickJack or the Vehicle on it and/or injure people near it.

Refer to **Raising the QuickJack Frames** for detailed information about raising the QuickJack Frames and engaging the QuickJack on a locking position.

To test your QuickJack:

1. Place the QuickJack Frames in the desired location with **both Lock Bars on the outside**.
2. Check both Lock Bars and all of the Hydraulic Hoses.

The Lock Bars must be able to move freely along the bottom of their Channels; they must not stay up in the air when you raise the Frames (if they do, the most likely problem is that the Lock Bar Bolt is over-tightened). The Hydraulic Hoses must all be connected.

3. Make sure the Power Unit has been set up correctly and is connected to a power source.

The Power Unit fluid reservoir must have 2.1 quarts/2 liters of approved fluid. Use Dexron III, Dexron VI, Mercon V, Mercon LV or comparable.

The fluid level should be approximately .5 inch (12 mm) below the fill hole.

Important: If you do not put enough Hydraulic Fluid in the reservoir, the QuickJack may start to rise but will slow and then stop when the reservoir is out of fluid. To fix this, lower the QuickJack Frames back down to the ground and then add additional fluid to the reservoir. Fill it to approximately .5 inch (12 mm) below the Fill Hole.

4. Check the pressure in the Air Cylinders; they should register from 40 to 50 PSI (2.75 to 3.4 BAR).

Do **not** exceed 50 PSI / 3.4 BAR.

-
5. Put a Vehicle into place. ***Do not raise your QuickJack without the weight of a Vehicle.***
 6. Position the Lift Blocks in the Receiver Trays for the Vehicle you are going to raise.
Be sure to use the factory-recommended Lifting Points for the Vehicle.
 7. Press **Up** on the Pendant Control for a couple of seconds.

After a few seconds, the QuickJack Frames will start moving up. As this is the first use, it takes a couple of seconds for the Hydraulic Hoses to fill with fluid.

If the QuickJack Frames do not move, make sure the Power Unit is connected to an appropriate power source, make sure the Hydraulic Hoses are connected to the Power Unit, and make sure there is sufficient Hydraulic Fluid in the reservoir. If you find any of these issues, fix them and then try again. If the Frames still do not move, refer to **Troubleshooting**.

8. Just **before** the Frames make contact with the Lifting Points on the Vehicle, release **Up**.
The Frames stop moving.

Check the locations where the Lift Blocks will hit the Lifting Points. If necessary, adjust the Lift Blocks so they are properly positioned (you may need to lower the Vehicle to adjust them).

9. Press **Up** to raise the Frames to just past the First Locking Position, then press **Down** for a second or two.

 **WARNING** If one Frame goes up faster than the other with the weight of a Vehicle on it, this is a safety hazard. Release **Up** immediately and then press **Down** to lower the Vehicle back down to the ground. Wait a minute and then try again. If the issue continues, refer to **Troubleshooting**.

The Lock Bar will lock at the First Locking Position and the Frames will stop moving.

10. With the QuickJack engaged on the First Locking Position, check all Hydraulic Hose connections for leaks. If you find any, tighten the leaking connection and wipe up the fluid.

If the motor gets hot or sounds irregular, check the Power Unit and all electrical connections.

11. Carefully rock the Vehicle to test its stability.

If the Vehicle seems stable, the QuickJack is ready for normal operation.

If the Vehicle does **not** seem stable, lower it back to the ground and check the positioning of the Lift Blocks in the Receiver Trays.

12. If everything appears to be working normally, lower the QuickJack Frames back down to the ground. To do this: press **Up** for a second or two so that the Lock Bars go past the Lock Blocks, then press **Down** until the Lock Bars lower past the Lock Blocks.

When the Frames get to the ground, hold **Down** for another ~5 seconds so that the Hydraulic Fluid returns to the reservoir.

If there are issues you cannot resolve, stop using the QuickJack, then refer to **Troubleshooting**, or call QuickJack at **(888) 262-3880** or **(805) 933-9970**.

Leave the Manual with the Owner/Operator

Make sure to leave the *Setup and Operation Manual* with the owner/operator so that it is available to everyone who is going to use the QuickJack.

Operation

This section describes how to operate your QuickJack.

This manual must be delivered to the owner/user/employer and be kept near the QuickJack.

QuickJack recommends using *Vehicle Lifting Points for Frame-Engaging Lifts* for proper positioning of Vehicles on your QuickJack. It shows the factory-recommended Lifting Points for a wide variety of Vehicles. It is available on the [ALI website](#).

QuickJack also recommends SAE Standard J2184, *Vehicle Lift Points for Service Garage Lifting*, as a resource to assist you in the proper positioning of a Vehicle for raising.

 **WARNING** Make sure to properly position each Vehicle on its Lifting Points. Improper positioning of a Vehicle could lead to it being unstable and potentially falling off the QuickJack. This could damage the Vehicle, damage the QuickJack, and potentially injure anyone nearby.

Safety

Before you raise or lower a Vehicle using your QuickJack:

- **Check the QuickJack.** Check the QuickJack Frames for any missing, heavily worn, or damaged parts. Make sure the Lift Blocks are in their Receiver Trays. Do not operate the QuickJack if you find any issues; instead, stop using it, then visit quickjack.com/support, email support@quickjack.com, or call **(888) 262-3880**.
- **Check the area.** Check the area around the QuickJack for obstructions; anything that might impact the raising or lowering of the Vehicle. Do not forget to check **above** the QuickJack. If you find an obstruction, move it out of the way. Do not allow unauthorized people, children, or animals near the QuickJack while it is being used.
- **Check the operators.** Make sure everyone who is going to operate the QuickJack has been trained in its use, has read the labels on the unit, is not under the influence of drugs or alcohol, and has read the manual.

 **WARNING** ***When raising or lowering a QuickJack, the Operator must pay attention!*** A common safety issue is lack of attention; for example, Operators must **not** be looking at a smartphone.

- **Check for safety.** Make sure everyone who is going to be walking near the QuickJack is aware of its presence and takes appropriate safety measures. ***When raising a Vehicle, always leave the QuickJack engaged on a locking position.*** When lowering the QuickJack, do not leave it until it is on the ground.

Do not work under an elevated Vehicle unless properly rated Vehicle Jack Stands are in place under the factory-recommended Lifting Points.

 **WARNING** ***Risk of explosion.*** The QuickJack Power Unit has arcing or sparking parts that should not be exposed to flammable vapors. The Power Unit should be located at least 460 mm (18 inches) above the floor.

- **Check the Vehicle.** Never exceed the QuickJack's weight rating. Do not allow people inside a Vehicle you are raising. Make sure the Vehicle is not overbalanced on either end. You must use the factory-recommended Lifting Points for the Vehicle. Never raise just one side, one corner, or one end of a Vehicle.

About Lift Blocks

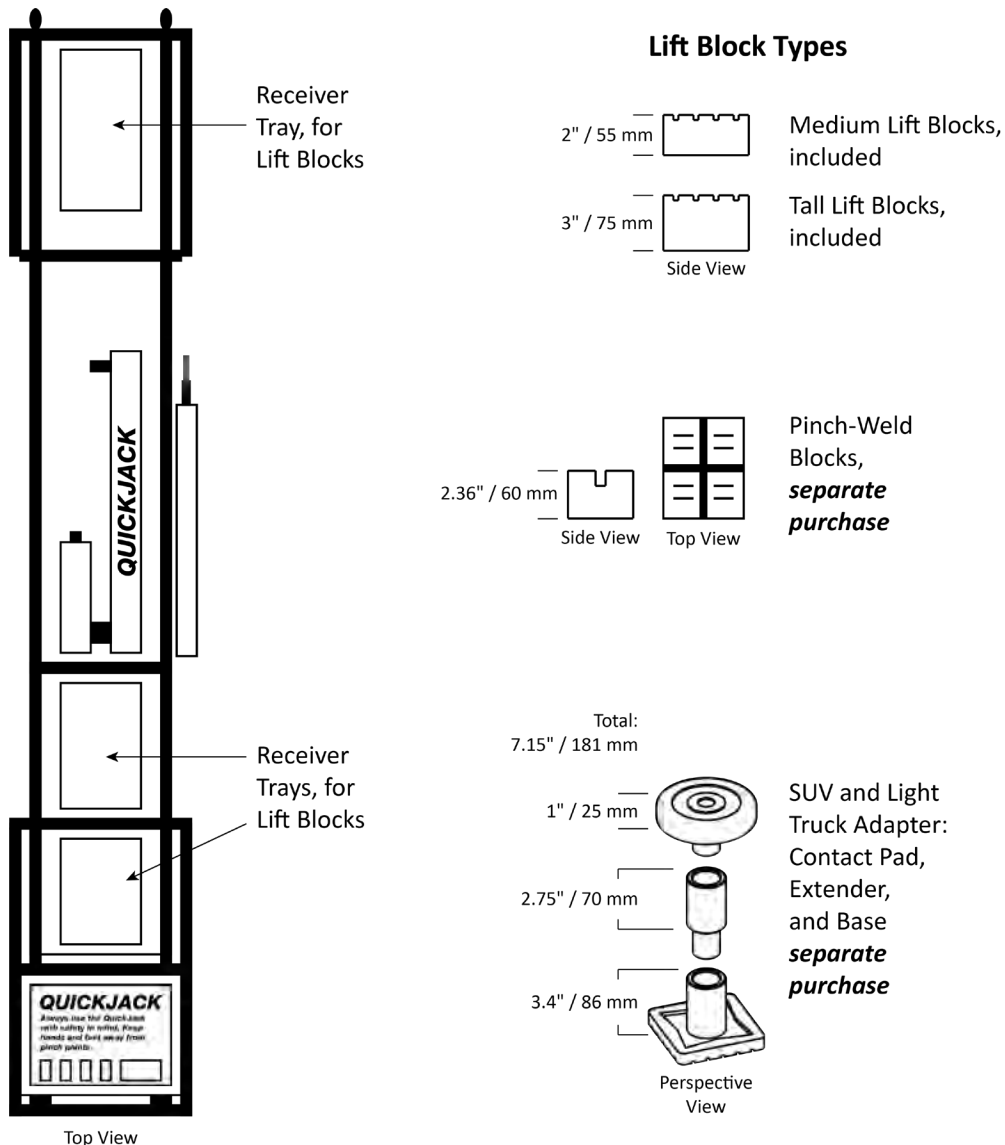
When raising a Vehicle with your QuickJack, the Vehicle should not touch the QuickJack Frames. Instead, they should touch the Lift Blocks that are sitting in the QuickJack's Receiver Trays.

There are three types of Lift Blocks available:

- **Medium/Tall.** Four Medium and four Tall Lift Blocks are *included with each QuickJack*. You can stack one Medium on one Tall, but no more than that; make sure they are centered under the Lifting Points.
- **Pinch Weld.** Ideal for raising Vehicles by their pinch welds. *Separate purchase.*
- **SUV and Light Truck Adapter.** Each set includes four round Contact Pads, four Extenders, and four Bases. Perfect for Vehicles with high ground clearance or non-standard Lifting Points. *Separate purchase.*

⚠ CAUTION

Do not raise a Vehicle on the QuickJack Frames; always use Lift Blocks, Pinch-Weld Blocks, or SUV and Light Truck Adapters in the Receiver Trays. Raising a Vehicle on the Frames could damage the Vehicle and/or damage the QuickJack.



Drawing not necessarily to scale. Not all components shown.

Special QuickJack Warnings

There are two special cases with QuickJack of which you need to be aware:

- **Do not raise QuickJack Frames without a Vehicle on them.** QuickJack Frames are designed and engineered to be used with the weight of a Vehicle on them. You should only raise the QuickJack Frames with the weight of a Vehicle on them, ***even the very first time you use them.*** The only exception to this rule is if you are bleeding the Hydraulic Cylinders.

QuickJack Frames can occasionally get stuck in a raised position if you raise them without the weight of a Vehicle. There is nothing wrong with them if this happens, and the issue can be quickly and easily fixed, it's just that they are designed and engineered to work with the weight of a Vehicle. ***Only raise your QuickJack Frames with a Vehicle on them.***

- **Do not try to raise a load at no net rise.** Your QuickJack requires some space between the ground and your Vehicle to build up enough pressure to raise a load. It cannot raise a full load from a completely flat starting position, as shown below.

This is not a problem in normal operation, as the Vehicles you want to raise are being held well above the ground by their tires. The problem happens if you lower the QuickJack to a completely flat position when the Vehicle's tires are removed.



WARNING

This image shows the QuickJack Frames at a completely flat position holding a Vehicle with no tires. **Do not do this**; the QuickJack will not be able to raise the weight of the Vehicle under these circumstances. If this happens to you, refer to **Troubleshooting**, visit quickjack.com/support, or send email to support@quickjack.com for instructions.

Positioning the Lift Blocks and Frames

 **WARNING** Always position the two QuickJack Frames as close to parallel as the Lifting Points of the Vehicle allow; load stability can be compromised if they are too far off from parallel.

There are two methods for positioning your QuickJack Frames:

- **Outside in:** Drive the Vehicle to the desired location, position the QuickJack Frames **outside** the Vehicle on different sides and between the wheels. If the distance between the wheels is not long enough to accommodate the length of the QuickJack Frames, turn the Frames and push one end under the Vehicle first, then the other end. Quick Frame Handles are typically not required. Make sure **not** to drive on the QuickJack's Hydraulic Hoses. Slide each Frame to the desired location under the Vehicle when ready. **Make sure each Lock Bar is on the outside.**
- **Inside out:** Position the QuickJack Frames next to each other, drive the Vehicle above the Frames, then use your Quick Frame Handles to pull each Frame out to the desired location under the Vehicle based on the factory-recommended Lifting Points. Make sure **not** to drive on the QuickJack's Hydraulic Hoses. **Make sure each Lock Bar is on the outside.**

 **CAUTION** Before positioning QuickJack Frames, make sure they are both fully lowered and that your working area is clear of obstructions. Also, make sure the Vehicle you will be raising is neither rear or front heavy, which throws off its balance.

To position the QuickJack Frames:

1. Determine the desired method for positioning your QuickJack Frames.
2. Position the Lift Blocks, Pinch-Weld Blocks, or SUV and Light Truck Adapters in the Receiver Trays.

Note: You can stack one Medium and one Tall Lift Block together, but not more than that.

 **CAUTION** Do not raise any load on the Frames alone; **always** use Lift Blocks, Pinch-Weld Blocks, or the SUV and Light Truck Adapters in the Receiver Trays.

3. Move the QuickJack Frames to the appropriate locations, based on positioning method.
4. If you are using the Inside out method, drive the Vehicle above the Frames.
5. Move the QuickJack Frames to the correct locations under the Vehicle based on the factory-recommended Lifting Points.

 **WARNING** If you do not know the factory-recommended Lifting Points for the Vehicle you are raising, consult *Vehicle Lifting Points for Frame-Engaging Lifts*, and SAE Standard J2184, *Vehicle Lift Points for Service Garage Lifting*, as a resource to assist you in the proper positioning of a Vehicle for raising (these documents are available on the [ALI website](#)). If the Vehicle has an additional or uniquely positioned payload, have a qualified person calculate the Vehicle center of gravity or have the Vehicle center of gravity determined at a Vehicle scale.

6. Adjust the Lift Blocks in the Receiver Trays so that they are directly underneath the factory-recommended Lifting Points for the Vehicle you are raising.

The QuickJack Frames and Lift Blocks are now positioned correctly for raising a Vehicle.

Raising the QuickJack Frames

QuickJack Frames have two locking positions, called First Locking Position and Top Locking Position. When you raise the QuickJack Frames, always engage (lock) the Frames on either the First Locking Position or the Top Locking Position, or lower them back down to the ground.

⚠ WARNING Do not raise a Vehicle unless the QuickJack Frames are properly positioned under the Vehicle, the Frames are as close to parallel as possible, all personnel are a sufficient distance away from the Vehicle, both Lock Bars are on the outside, there is open space on all sides and above the Vehicle, and the operator is paying attention (the operator must maintain visual contact with the Vehicle and the surrounding area while raising or lowering the QuickJack Frames).

To raise a Vehicle:

1. Position the Lift Blocks, Pinch-Weld Blocks, or SUV and Light Truck Adapters in the Receiver Trays.

Note: You can stack one Medium Lift Block on one Tall Lift Block, but **not more than that**. Do not stack Lift Blocks on Pinch-Weld Blocks or SUV and Light Truck Adapters.

⚠ CAUTION Do not raise any load on the Frames alone; **always** use Lift Blocks, Pinch-Weld Blocks, or the SUV and Light Truck Adapters in the Receiver Trays.

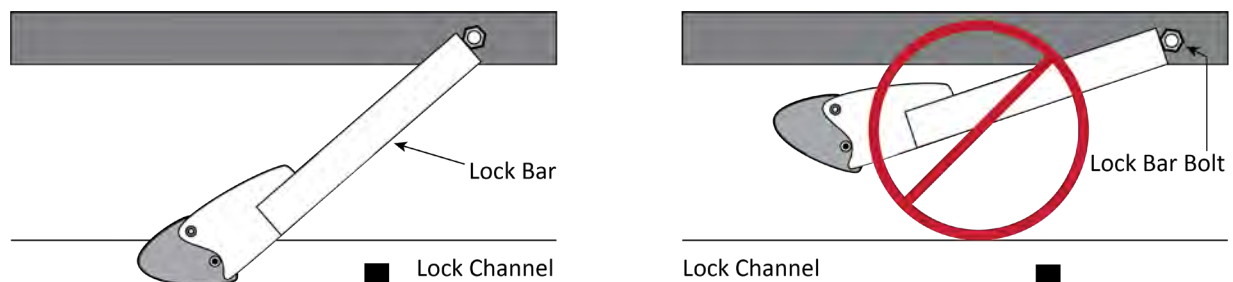
2. Move the QuickJack Frames to the appropriate locations, based on positioning method.
3. Drive the Vehicle over the Frames if you are using the Inside out method.

Only raise your QuickJack with a Vehicle on it.

4. Move the QuickJack Frames to the correct locations under the Vehicle based on the factory-recommended Lifting Points.

⚠ WARNING If you do not know the factory-recommended Lifting Points for the Vehicle you are raising, consult *Vehicle Lifting Points for Frame-Engaging Lift* and SAE Standard J2184, *Vehicle Lift Points for Service Garage Lifting*, as a resource to assist you in the proper positioning of a Vehicle for raising (these documents are available on the [ALI website](#)). If the Vehicle has an additional or uniquely positioned payload, have a qualified person calculate the Vehicle center of gravity or have the Vehicle center of gravity determined at a Vehicle scale.

5. Adjust the Lift Blocks in the Receiver Trays so that they are directly underneath the factory-recommended Lifting Points for the Vehicle you are raising.
6. Check both Lock Bars; raise them up and let them drop.



*Not necessarily to scale. Not all components shown. Left side shows Lock Bar moving freely in Lock Channel, right side shows Lock Bar stuck up in air, which **must** be corrected.*

If the Lock Bar *Bolt* is too tight, it does not allow the Lock Bar to move freely in the Lock Channel. ***This is a safety issue***; the QuickJack locks cannot be engaged unless each Lock Bar is moving freely in its Lock Channel. If the Lock Bar moves up with the Vehicle as it is raised (as shown above on the right), it cannot lock.

 **WARNING** The Lock Bar ***must*** be moving freely in the Lock Channel. If it is not, the QuickJack cannot be put into a safe, locked position.

To fix an overtight Lock Bar Bolt, loosen the Lock Bar Bolt until the Lock Bar moves freely and stays in the Lock Channel (as shown above, on the left).

7. Walk around the Vehicle and the QuickJack Frames; make sure everything is set up correctly.
8. Press and hold **Up** on the Pendant Control.

The QuickJack Frames start going up.

9. Just ***before*** the Frames make contact with the Vehicle, release **Up**. The Frames stop moving.

Check the locations where the Lift Blocks will hit the factory-recommended Lifting Points on the Vehicle. If necessary, adjust the Lift Blocks so that they are properly positioned (you may need to lower the Vehicle some to adjust the Lift Blocks).

10. After confirming the Lift Blocks are properly positioned, press **Up** on the Pendant Control.

The QuickJack Frames start going up and the Lift Blocks hit the Vehicle's Lifting Points.

 **WARNING** Do not stop raising the Frames until you have passed the First Locking Position.

11. Stop raising the QuickJack Frames just past the First Locking Position (even if you eventually want them on the Top Locking Position).
12. Make sure both Lock Bars are moving freely in their respective Lock Channels.
13. Make sure all Lift Blocks are still in contact with the factory-recommended Lifting Points.

If the Lift Blocks ***are*** in the right positions, continue with raising the QuickJack Frames.

If the Lift Blocks are ***not*** in the right positions, press **Down** on the Pendant Control and ***carefully*** return the Vehicle to the ground, then make the necessary adjustments.

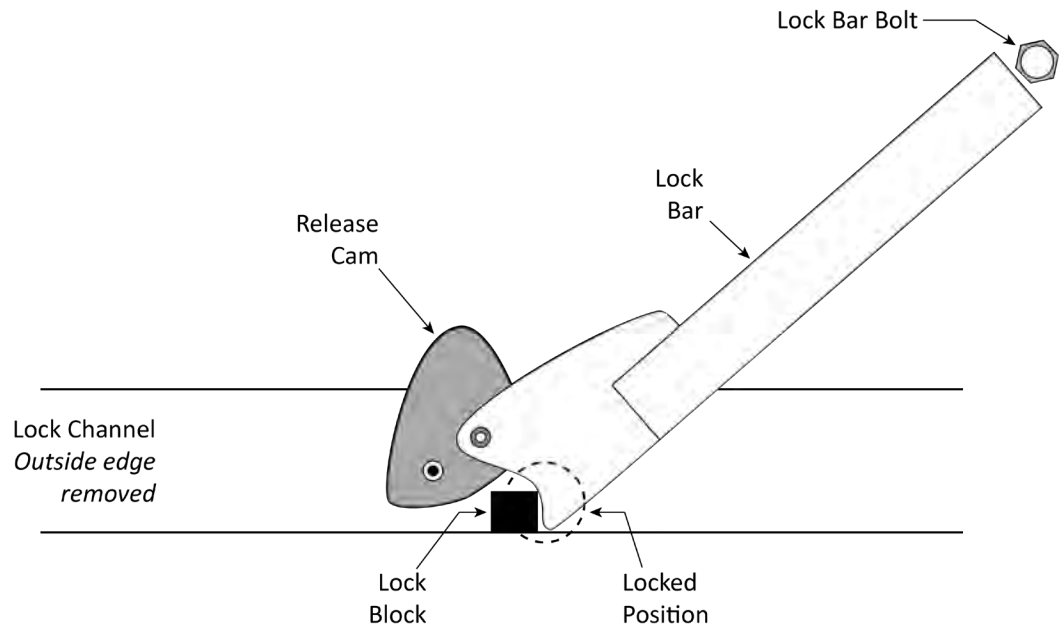
14. Rock the Vehicle gently to test for stability.

If the Vehicle is stable, press **Up** to continue raising the QuickJack Frames.

If the Vehicle is ***not*** stable, press **Down** to ***carefully*** return the Vehicle to the ground, then make the necessary adjustments.

15. To engage the QuickJack on the First Locking Position, press **Down** to lower the Frames until they lock.
16. To engage the QuickJack on the Top Locking Position, press **Up** until you go just past the Top Locking Position.
17. When you have gone just past the desired locking position, press **Down** on the Pendant Control to lower the Frames onto the locking position. The Frames will stop moving down when they lock.
18. Release **Down**.

19. Visually check to make sure both QuickJack Frames are engaged on the same locking position.



Not necessarily to scale. Not all components shown. Shows Release Cam and Lock Bar in Locked Position.

⚠ WARNING Before doing anything else (like starting work on the Vehicle or leaving the area), **visually confirm** that **both** QuickJack Frames are on the same locking positions and that all Lift Blocks are in contact with the factory-recommended Lifting Points of the Vehicle.

You can work on your Vehicle once you have visually confirmed that both Frames are engaged on the same locking position and that all Lift Blocks are in contact with the Vehicle at the factory-recommended Lifting Points.

⚠ WARNING Do not work under an elevated Vehicle unless properly rated Vehicle Jack Stands in place at the factory-recommended Lifting Points.

Lowering the Frames from the First Locking Position

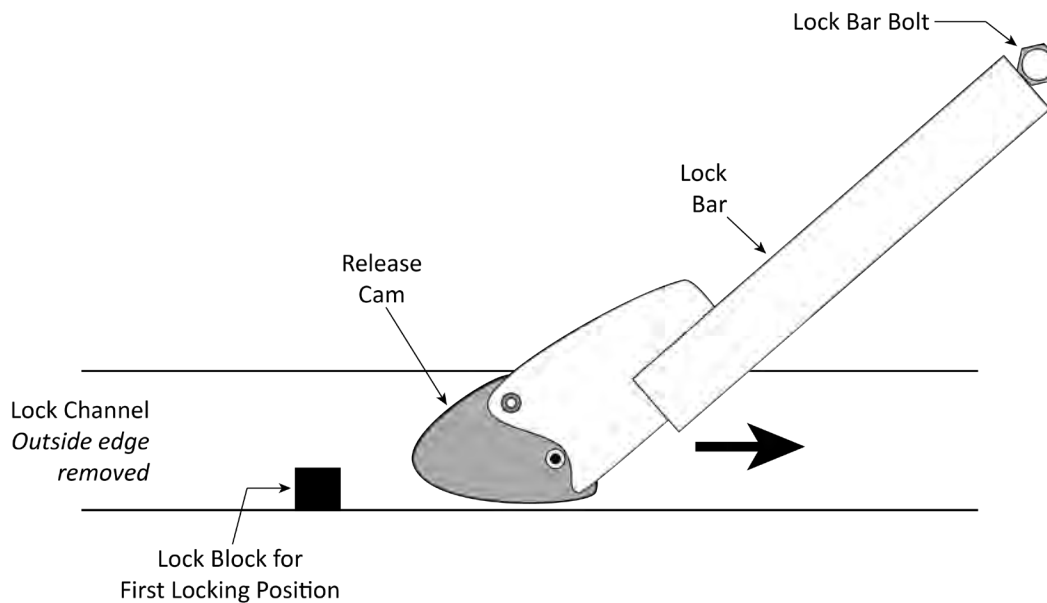
Lowering the QuickJack's Frames from the First Locking Position is different from lowering them from the Top Locking Position, so it is described separately.

⚠ WARNING When lowering QuickJack Frames, make sure the Lock Bar and the Release Cam stay in their Lock Channel. If they get knocked sideways they can get stuck on the rail of the Lock Channel, which results in the QuickJack not lowering correctly.

To lower QuickJack Frames from the First Locking Position:

1. Press and hold **Up** on the Pendant Control just until the Release Cam clears the Lock Block, then release **Up**.

The Release Cam / Lock Bar moves away from the Lock Block towards the Top Locking Position.



Not necessarily to scale. Not all components shown. Release Cam and the Lock Bar shown moving off of the First Locking Position towards the Top Locking Position.

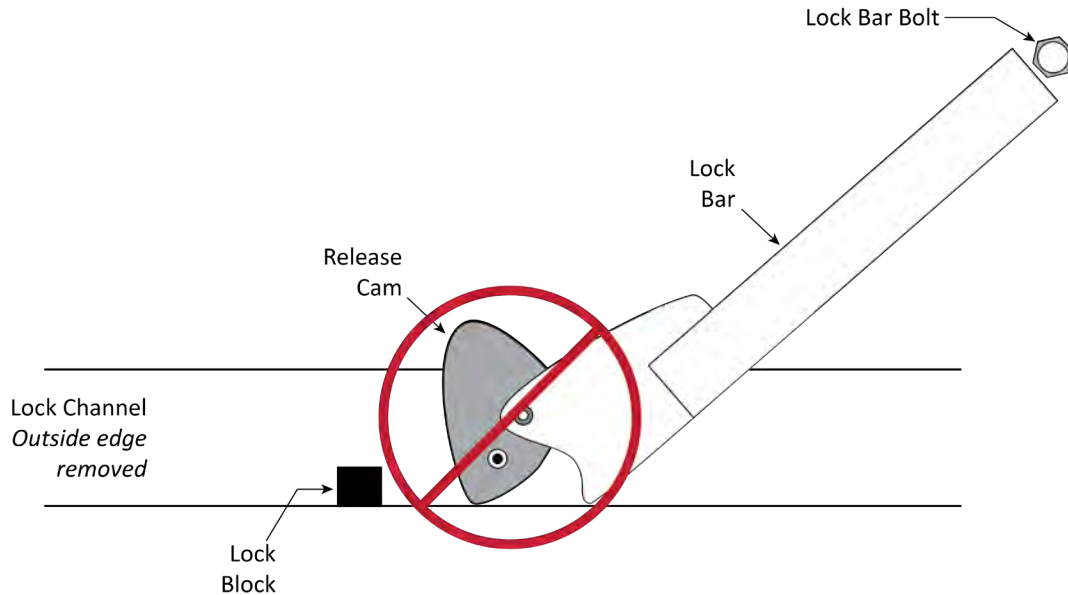
2. When the Release Cam and Lock Bar are clear of the Lock Block, press and hold **Down** until both QuickJack Frames lower to the ground.

The Release Cam moves the Lock Bar over the Lock Block.

Note: If the Lock Bar locks again on the Lock Block, try again, going up a little bit further this time. What you want is for the Release Cam to be in the Down position, as shown in the drawing above.

Do not lower the Release Cam / Lock Bar if the Release Cam is in the Up position, as shown below. The Release Cam needs to be in the Down position, as shown in the drawing on the previous page.

If the Release Cam is in the Up position, *carefully* use your hand to move it to the Down position.



Not necessarily to scale. Not all components shown. Release Cam shown in the Up position, which must be changed to the Down position before lowering.

If one side re-engages on the Lock Block but the other does not, immediately release **Down**, press and hold **Up**, go further past the Lock Block, release **Up**, and then press and hold **Down**. If this issue continues, refer to **Troubleshooting**.

Note: QuickJack recommends pressing **Down** for ~5 seconds **after** the Frames are on the ground; this ensures that as much Hydraulic Fluid as possible returns to the Fluid Reservoir.

3. Remove the QuickJack Frames from underneath the Vehicle; you may want to use the Quick Frame Handles.
4. Move the Vehicle, if desired. Do not drive on the QuickJack Frames or the Hydraulic Hoses.

Lowering the Frames from the Top Locking Position

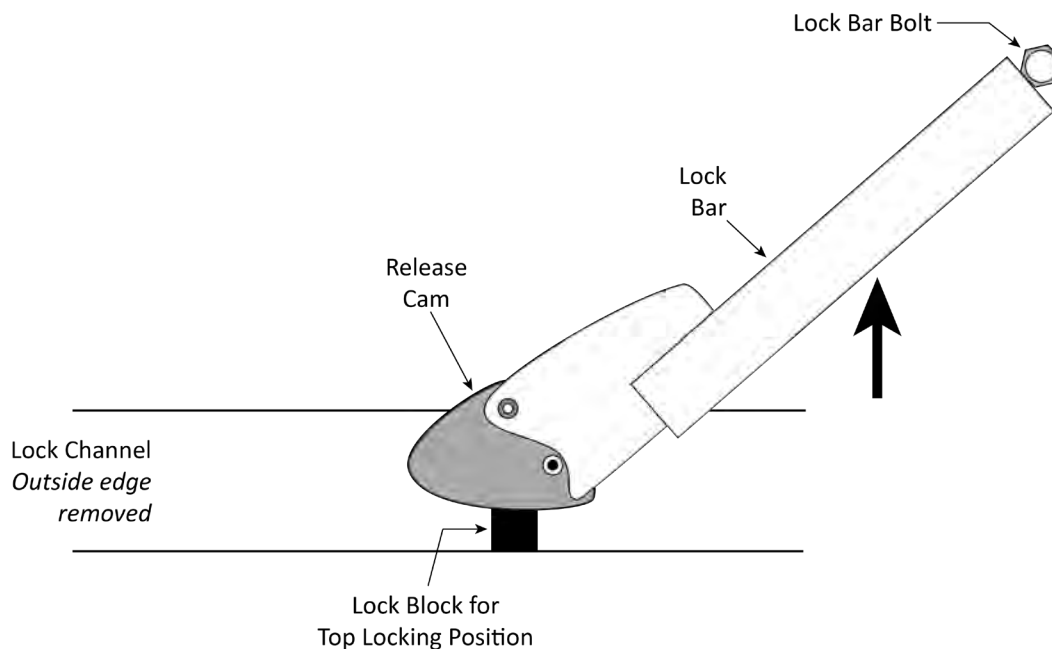
Lowering the QuickJack's Frames from the Top Locking Position is different from lowering them from the First Locking Position, so it is described separately.

⚠ WARNING When lowering QuickJack Frames, make sure the Lock Bar and the Release Cam stay in their Lock Channel. If they get knocked sideways they can get stuck on the rail of the Lock Channel, which results in the QuickJack not lowering correctly.

To lower the QuickJack Frames from the Top Locking Position:

1. Press and hold **Up** until the Lock Bar is off the Lock Block, then release **Up**.
2. Raise the Lock Bar **on both QuickJack Frames** so that the Release Cam is on top of the Lock Block on both Frames, as shown below.

You can use your hand or your foot to raise the Lock Bar.



Not necessarily to scale. Not all components shown. Release Cam shown on top of the Lock Block for the Top Locking Position.

3. When the Release Cam is on top of the Lock Block on both Frames, press and hold **Down** until both QuickJack Frames lower to the ground.

If the Lock Bars engage on the Lock Block as the Frames go back down, start the process over again.

If one side re-engages on the Lock Block but the other does not, immediately release **Down** and then start the process again. If this issue continues, refer to [Troubleshooting](#).

Note: QuickJack recommends pressing **Down** for ~5 seconds **after** the Frames are on the ground; this ensures that as much Hydraulic Fluid as possible returns to the Fluid Reservoir.

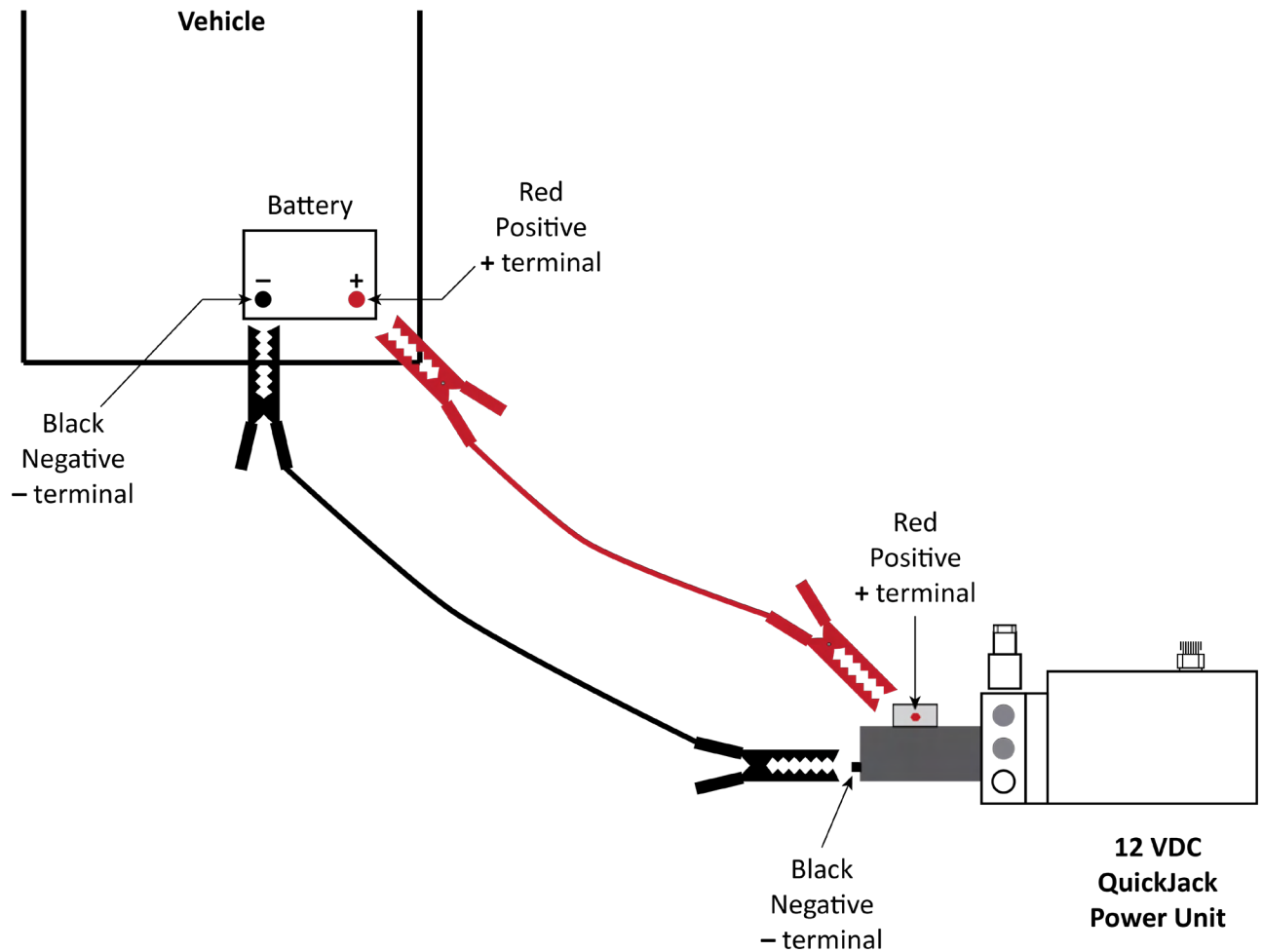
4. Remove the QuickJack Frames from underneath the Vehicle; you may want to use the Quick Frame Handles.
5. Move the Vehicle, if desired.

Do not drive the Vehicle on the QuickJack Frames or the Hydraulic Hoses.

Using the 12 VDC Power Unit

The 12 VDC Power Unit lets you power your QuickJack using a Vehicle Battery and a pair of Jumper Cables, giving you the flexibility to use your QuickJack in a wide variety of locations.

The following drawing shows how to connect the 12 VDC Power Unit to a Vehicle Battery.



Not to scale. Not all components shown. The Jumper Cables and the Vehicle Battery are not supplied with the 12 VDC QuickJack Power Unit.

Important: If your 12 VDC QuickJack Power Unit has a Reservoir Cap with a Breather Valve, close the Breather Valve before transporting the Power Unit. Then make sure to open the Breather Valve before using the Power Unit.

The following procedure applies only to the 12 VDC QuickJack Power Unit; none of the other QuickJack Power Units can be used with a Vehicle Battery.

 **WARNING** QuickJack recommends wearing safety glasses and removing all jewelry before connecting the 12 VDC QuickJack Power Unit to a Vehicle Battery. If metal touches in the wrong place, it could cause a short circuit that results in an exploded battery, ruined Vehicle computer, burned fingers, and/or battery acid burns.

The following procedure assumes one of the Jumper Cable cables is red, the other black.

To connect the 12 VDC QuickJack Power Unit to a Vehicle Battery:

1. Move the QuickJack Frames to the desired location, find an appropriate location for the 12 VDC QuickJack Power Unit, and then connect the two using the Hydraulic Hoses.
2. Drive the Vehicle whose Battery you want to use to a suitable location near the 12 VDC QuickJack Power Unit.

The Jumper Cables need to be able to reach from the Vehicle Battery to the 12 VDC QuickJack Power Unit.

3. Attach one end of the **red** Jumper Cable to the **Positive** terminal on the Vehicle Battery, the other end to the Positive terminal on the 12 VDC QuickJack Power Unit.

See the drawing on the previous page.

 **WARNING** Make sure to connect **Positive to Positive** and **Negative to Negative**. If you connect Positive to Negative, you will almost certainly cause damage to the electrical system of the Vehicle, including the battery. You could also damage the 12 VDC QuickJack Power Unit, cause an electrical fire, or cause an explosion.

4. Attach one end of the **black** Jumper Cable to the **Negative** terminal on the Vehicle Battery, the other end to the Negative terminal on the 12 VDC QuickJack Power Unit.
5. Turn on the Vehicle's engine.

BendPak recommends running the Vehicle's engine while you use the QuickJack, so you do not drain the Battery.

6. Use the QuickJack.
7. When you are done using the QuickJack, reverse the process: turn off the Vehicle's engine, remove the Jumper Cables from the Vehicle Battery and the 12 VDC QuickJack Power Unit, and finally pack up the QuickJack Frames.

Additional Operating Information

Keep the following in mind when operating your QuickJack:

- Use it only on a hard, flat surface. Your QuickJack is portable; if you move it to a new location, make sure the new location has a hard, flat surface.
- Check the weight of a Vehicle before attempting to raise it. Do not guess. Never exceed the rated load capacity of your QuickJack.
- Always use Lift Blocks. Do not raise a load on the QuickJack Frames alone.
- Lift Blocks must be used in the Receiver Trays only. The provided Lift Blocks are **not** designed for use with pinch-weld frames. If you have a Vehicle with a pinch-weld frame, QuickJack recommends ordering optional Pinch-Weld Blocks, [available on the QuickJack website](#).

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- If you purchased the SUV and Light Truck Adapter Kit, the square pieces go rubber-down in the Receiver Trays on the QuickJack Frames. You can then put the round stackable adapter in the hole on the top of the square piece either by itself or combined with the extension.
 - ***Visually inspect your QuickJack before each use.*** Do not use it if you find any damage or severe wear.
 - Do not rock the Vehicle while it is raised or remove heavy items that could cause excessive weight shift.
 - The QuickJack uses a parallelogram lifting system. As the Frames rise, both the mechanical forces of the jack and pressure of the hydraulic system are reduced significantly as the parallel arms elevate through the rise motion.
 - When the parallel lifting arms are elevated (the angles increase), hydraulic system pressure is reduced and mechanical load on the structure is minimized.
 - Raising the QuickJack to the Top Locking Position and engaging it there is the most secure method of support.
 - When the parallel lifting arms are almost horizontal with the floor, both mechanical loading and hydraulic system pressures reach maximum loading.
 - Stopping the QuickJack prior to reaching the First Locking Position makes it difficult for the hydraulic system to maintain equal pressure and properly support the load, as the parallel lifting arms are almost horizontal with the ground.
 - Do not stop raising the QuickJack Frames until you have passed the First Locking Position.
 - Never leave a raised load unless your QuickJack Frames are engaged on a locking position. If you do not want to engage them on a locking position, lower the raised load back down to the ground.

Hydraulic System Warnings

 **WARNING** Failure to observe these precautions can result in serious personal injury, including, in rare cases, death.

- All Hydraulic Hose connections must be correctly fastened together before using your QuickJack or applying pressure.
- Do not attempt to connect or disconnect Hydraulic Hoses while equipment is loaded or while the Hydraulic System is under pressure.
- Keep the Quick-Connect Fittings clean and free from debris.
- Use every precaution to guard against dirt entering the Hydraulic System.
- Use caution when using Thread Seal Tape while installing hydraulic fittings.

If using Thread Seal Tape, trim loose ends to prevent tape from entering the Hydraulic System. *Make sure no Thread Seal Tape or thread sealant enters the Hydraulic System.* Thread Seal Tape or thread sealant in the Hydraulic Fluid will impair fluid flow, possibly causing a system malfunction.

- Keep bare hands away from Hydraulic Fluid; always wear gloves when handling Hydraulic Cylinders and Hydraulic Hoses.
- When dealing with Hydraulic Fluid, observe the safety instructions from the manufacturer.
- Use protective equipment (safety goggles, protective gloves, suitable working clothes, safety boots, and so on) when dealing with the Hydraulic System.
- If Hydraulic Fluid comes into contact with the eyes, gets into the bloodstream, or is swallowed, seek immediate medical attention.

Maintenance

Refer to ANSI/ALI ALIS Standard (R2015) *Safety Requirements for Installation and Service of Automotive Lifts* for more information about safely servicing your QuickJack.

⚠ WARNING: Remove power from your QuickJack before performing **any** maintenance! The QuickJack must be de-energized and you must take steps to make sure that it cannot be re-energized until all maintenance is complete.

Reorder labels and worn, damaged, or broken parts from quickjack.com/replacement-parts.html. Only use factory-supplied parts as replacement parts.

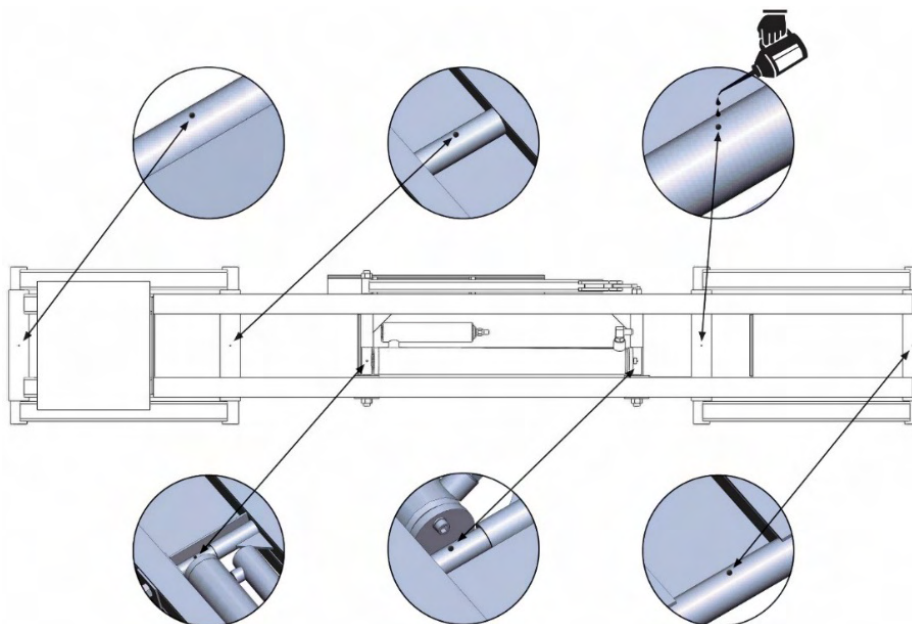
All maintenance tasks can be performed by the owner/operator of the QuickJack.

To maintain your QuickJack:

- **Daily.** Make a visual inspection of all moving parts and check for damage or excessive wear. Replace any damaged or worn parts before equipment is put back into operation.
- **Daily.** Keep all QuickJack components clean.
- **Daily.** Make sure the Safety Locks are in good operating condition. *Do not use your QuickJack if the Safety Locks are damaged or excessively worn.*
- **Daily.** Inspect Lift Blocks for damage or excessive wear. Replace as required.
- **Weekly.** Check all hose and fitting connections to make sure they are tight.
- **Monthly.** Lubricate all hinge points and check for excessive wear.
- **Monthly.** Check Air Cylinders to make sure they have the correct amount of pressure.
- **Every other month.** Check Hydraulic Fluid levels and refill if required.
- **When noticed.** Replace all caution, warning, and safety-related labels if illegible or missing.

Lubrication Points

QuickJack recommends using white lithium grease (or equivalent) and a grease gun with an appropriate tip (a Lube-Link™, for example) for lubrication. Lubrication points are shown below.



About Outdoor Operation

Your QuickJack is approved for indoor installation and use only. ***Outdoor installation is prohibited.***

Your QuickJack is portable, however, so if you end up taking it outdoors, remember to protect it from the weather (for example, from falling dirt, rain, sleet, and snow).

Here are some additional things to consider if you end up taking your QuickJack outside:

- **Extreme environmental conditions must be avoided.** The QuickJack warranty does not cover damage from rain, snow, sleet, excessive humidity, corrosive agents, hazardous and/or combustible fibers and flyings, or other contaminants. Keep your QuickJack protected from these environmental conditions at all times.
- **The QuickJack lifetime may be reduced.** Taking a QuickJack outside means it is subject to a harsher environment: a QuickJack ages more quickly the more it is outside.
- **Maintenance and replacement parts costs may increase.** The longer you keep your QuickJack outside, even when protected from the weather, the more often it will need maintenance: metal parts rust, plastic parts break down and dry out, hydraulic fluid gets dirty faster, and so on. Keeping your QuickJack outside for long periods is usually going to require extra maintenance and more frequent replacement parts.

Here are some things customers have told us they did with QuickJacks they took outside:

- **Move it back inside when done.** It may seem obvious, but here it is: when you are done with your QuickJack outside, even if it was protected from the weather, bring it back inside and thoroughly clean it.
- **Cover the Power Unit. *This one is really important.*** The Power Unit includes an electric motor. If that motor gets wet, people could get electrocuted, a fire could start, and almost certainly the motor will short circuit and stop functioning. ***These things are not covered by the QuickJack warranty.*** This advice applies your QuickJack at all times; *keep the Power Unit protected from all sources of moisture.*
- **Put up a carport canopy, party tent, or other structure.** And then put the QuickJack under the structure. It blocks the sun and the rain, reducing the impact the outside environment has on the QuickJack.
- **Use Ground Fault Circuit Interrupter (GFCI) protection.** If available, use a GFCI circuit breaker in the service panel (breaker box) to protect the entire circuit.
- **Increase the maintenance.** If the maintenance instructions say to do something every day, check it twice a day; if they say to do something once a week, check it two times a week; and so on. This will help minimize the impact the outside environment has on your QuickJack.
- **Increase the replacement parts.** Parts on a QuickJack you take outside are not going to last as long as normal. Be prepared to start ordering replacement parts sooner.

Troubleshooting

This section describes how to troubleshoot your QuickJack.

 **WARNING** *Only use factory-supplied parts as replacement parts.* If you use parts from a different source, you void your warranty and compromise the safety of everyone who uses the QuickJack.

Note: If your QuickJack is not functioning correctly, you **must** stop using it until it is fixed.

Important: All repair work **must** be done by qualified personnel.

Issue	Action to Take
Frames do not go up or down.	Make sure the Power Unit is getting appropriate power; if not, check the circuit breaker. Make sure none of the Hydraulic Hoses are pinched or leaking. Make sure there is sufficient Hydraulic Fluid in the Fluid Reservoir. Bleed the cylinders.
Frames do not come down.	Make sure there is a Vehicle on the Frames; if not, add one (the QuickJack is designed to work with weight). Check the pressure in the Air Cylinders; inflate to 40 to 50 PSI, but do not exceed 50 PSI.
Frames are stuck at full height with no weight.	QuickJack Frames require weight to come down from a fully raised position. Refer to Frames at Full Height with No Load .
Frames do not rise from a zero net rise position.	QuickJack Frames cannot raise a full load from a completely flat position. Refer to Vehicle with No Tires Fully Lowered .
Hydraulic Fluid is dirty.	Replace the dirty Hydraulic Fluid with clean fluids.
Jack makes odd noises	Lubricate hinge points using white lithium grease.
Frames lower without using the Pendant Control.	Make sure the QuickJack is engaged on a locking position (if it is not, the Frames will slowly lower).
Air Cylinder is not holding pressure.	Make sure the valve core inside the valve stem is tightly in place; that is, it is not letting air escape. You can use a standard valve tool to check. Do not overtighten the valve core.
Quick-Connect Fittings becoming increasingly difficult to connect.	Pressure is building up in the hydraulic system. To release it, hold Down on the Pendant Control for ~5 seconds after the Frames reach the ground, allowing as much Hydraulic Fluid as possible to return to the Fluid Reservoir.
Frames stop raising before reaching the Top Locking Position	There is not enough Hydraulic Fluid in the reservoir. Return the QuickJack Frames to the ground, then add fluid to the reservoir to .5 inch below the fill hole.
No pressure from pump.	Prime the pump.

If you continue to have an issue, visit quickjack.com/support or contact QuickJack Support at support@quickjack.com, (888) 262-3880, or (805) 933-9970.

Frames at Full Height with No Load

The issue is that the QuickJack is designed and engineered to work with the weight of a Vehicle on it. If there is no Vehicle on the Frames at full height, the QuickJack can occasionally get stuck.

Do not raise the QuickJack Frames unless there is the weight of a Vehicle on them.

Methods that have fixed this issue include:

- Use lifting equipment to get weight onto the QuickJack Frames.
- Reduce the hydraulic force that is holding the QuickJack Frames. If you do this, keep a rag handy in case there is some Hydraulic Fluid leakage.

If you are still unable to lower the frames, contact QuickJack Technical Support for assistance.

Vehicle with No Tires Fully Lowered

The issue is that there is too much weight on the QuickJack Frames with no room to get upward force started. You need to reduce the weight by at least half or raise the Vehicle off the QuickJack Frames some different way.

Methods that have fixed this issue include:

- Use a floor jack to raise the Vehicle from four to six inches.
- Using lifting equipment to raise the Vehicle.

If you are still unable to raise your Vehicle, contact QuickJack Technical Support for assistance.

Priming the Pump

Priming the pump pushes Hydraulic Fluid into the system. On rare occasions, there may not be enough Hydraulic Fluid in the system for the pump to produce force. Priming the pump usually resolves this issue.

Note: If your Power Unit does not have a relief valve, you cannot prime it.

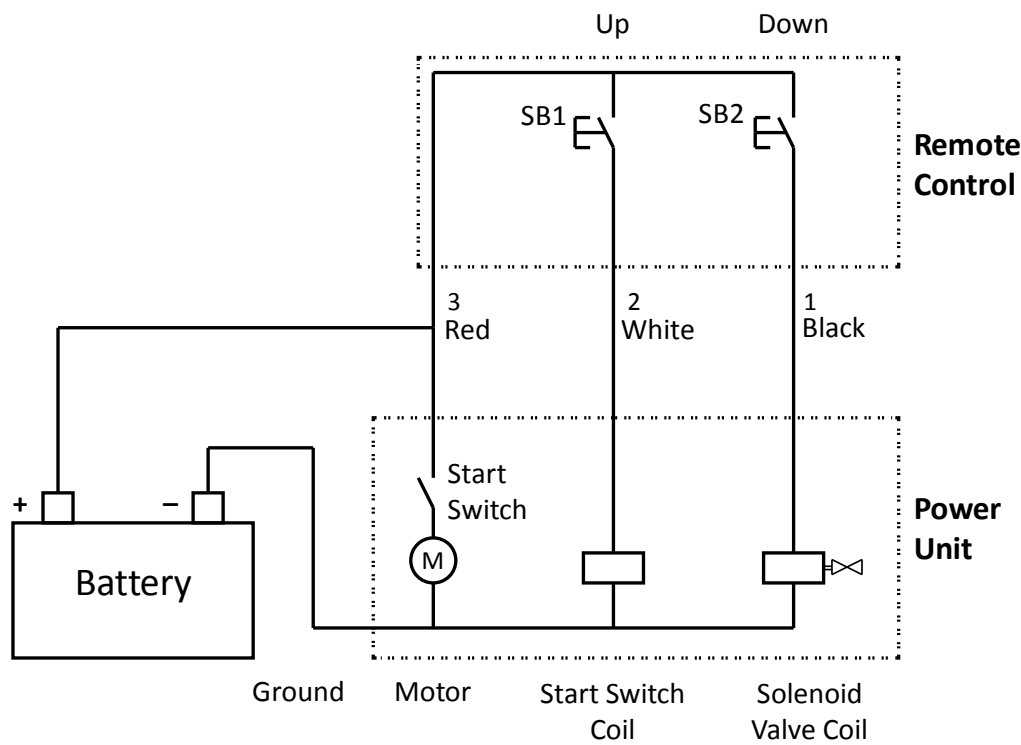
To prime the pump:

1. On the Power Unit, remove the relief valve, then place a rag over the cavity and hold it there.
2. Press **Up** on the Pendant Control for a few seconds (until you feel pressure on the rag).
3. Reinstall the relief valve.

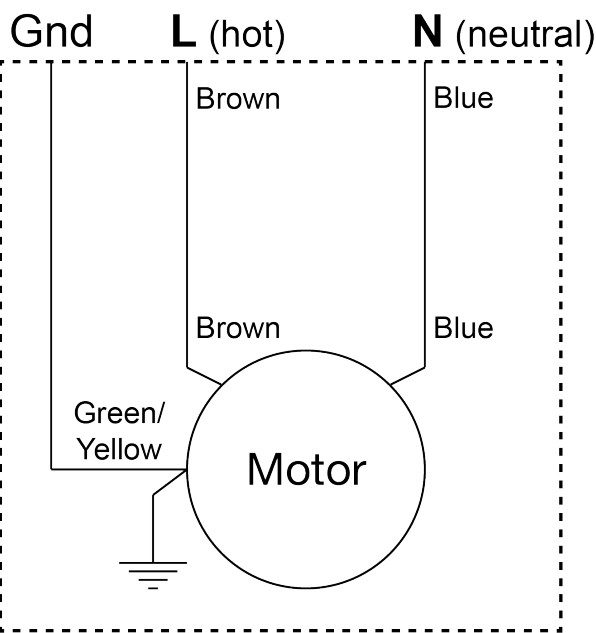
The pump should now have enough Hydraulic Fluid to operate normally.

Wiring Diagrams

12 VDC Wiring Diagram



208-230 VAC Wiring Diagram



Make sure to follow the 208-230 VAC electrical rules for the country in which you are using the unit.

G



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K



L



M



N



P

QUICKJACK™ 1645 Lemonwood Dr.
Santa Paula, CA USA

MODEL NUMBER / NUMÉRO DE MODÈLE	
DESCRIPTION	
LIFT CAPACITY (PAIR) / CAPACITÉ DE LEVAGE (PAIRE)	
DATE OF MFG. / FABRICATION	UPC / CUP
SERIAL NUMBER NUMÉRO DE SÉRIE	DANGER! Disconnect Power Before Servicing Couper l'alimentation avant toute intervention.
CE EAC WARRANTY VOID IF DATA PLATE IS REMOVED GARANTIE NULLE SI LA PLAQUE DE DONNÉES A ÉTÉ ENLEVÉE	

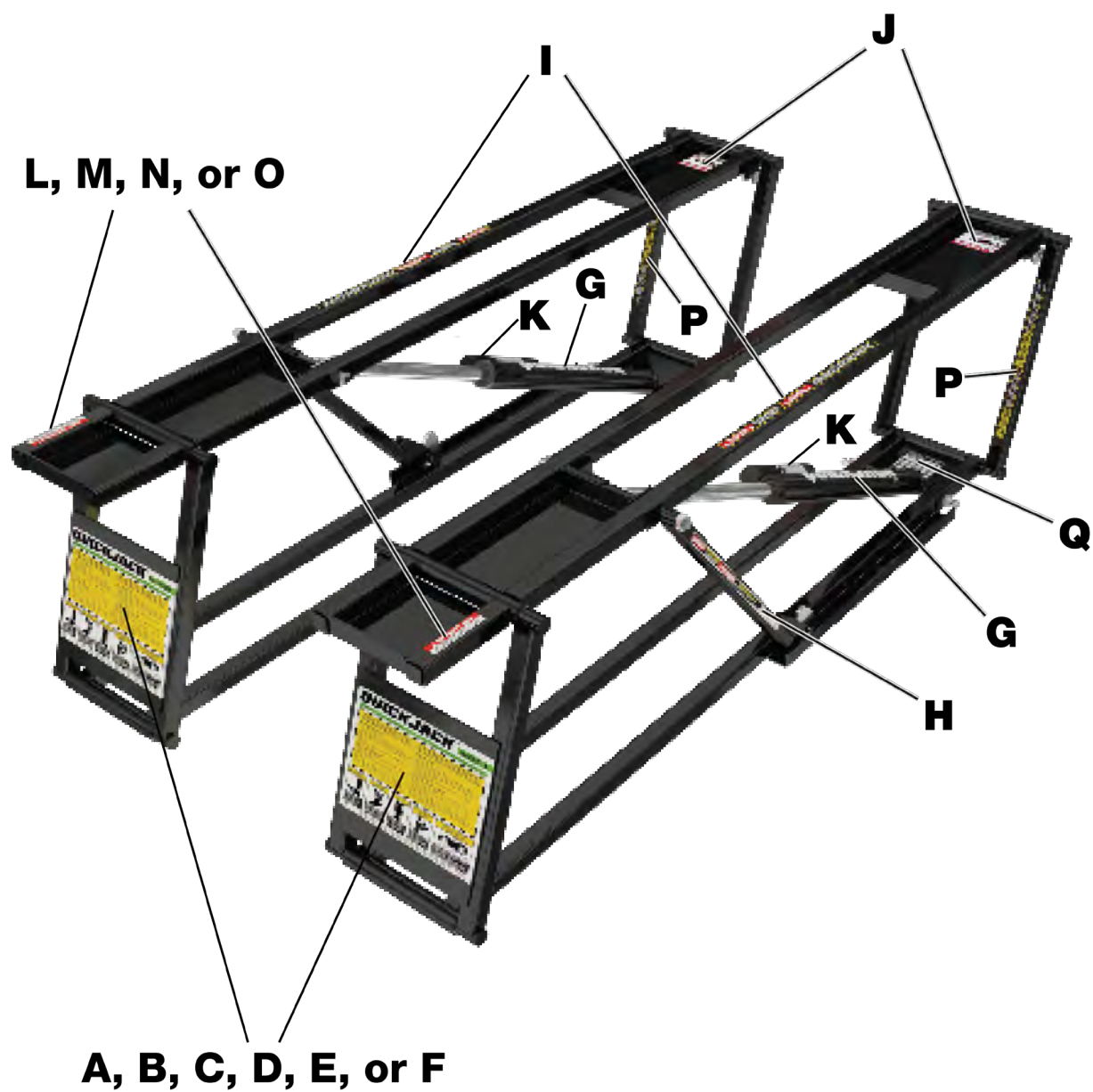
MADE IN CHINA / FABRIQUÉ EN CHINE P/N 5900433

O



Q





Parts Sheets

REV

DESCRIPTION

REVISION

DATE

EDITED BY/ECO#

A

PRODUCTION RELEASE, DERIVED FROM 5260112

12/08/2016

TM 00786

B

UPDATED BOM REVISIONS

12/29/2016

TM 00801

IN HOUSE ONLY -
NOT FOR
PRODUCTION

*POWER UNIT

110V AC

220V AC

240V AC

DC

NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

2. ASSEMBLE ITEMS AS SHOWN

3. *BY REQUEST

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5215415	BL-3500SLX FRAME ASSEMBLY, R.H.	1	H
2	5215416	BL-3500SLX FRAME ASSEMBLY, L.H.	2	B
3	5215416	BL-3500SLX FRAME ASSEMBLY, L.H.	2	B
4	5900796	BL SERIES PUMP CARTRIDGE W/ O-RING	1	H
5	800	MINI POWER UNIT WITH PENDANT CONTROL	1	A
6	5174016	BL SERIES RUBBER PAD KIT	2	B
7	5570202	BL SERIES HOSE ASSEMBLY 0.64 x 603mm	2	A
8	5570216	HOSE ASSEMBLY 0.64 x 3810mm DS MALE	2	A
9	5550103	FIG NPL-04 NPT X 1/4 QUICK CONNECTOR	2	A
10	5550093	FIG NPL-04 NPT X 1/4 QUICK CONNECTOR	2	A
11	5550031	FIG NPL-04 NPT X 1/4 QUICK CONNECTOR	4	-
12	5550032	FIG NPL-04 NPT X 1/4 QUICK CONNECTOR	4	-
13	5715369	BL SERIES POWER UNIT SAFETY LOCK	4	-
14	5716192	BL SERIES PLASTIC WHEEL	4	A
15	5550310	BL SERIES PLASTIC WHEEL	4	A
16	5905947	BL SERIES PLASTIC WHEEL	4	-
17	5905381	BL SERIES PLASTIC WHEEL	2	-
18	5905750	BL SERIES PLASTIC WHEEL	2	-
19	5905750	BL SERIES PLASTIC WHEEL	2	-
20	5905750	BL SERIES PLASTIC WHEEL	2	-
21	5905750	BL SERIES PLASTIC WHEEL	2	-
22	5905750	BL SERIES PLASTIC WHEEL	2	-
23	5905750	BL SERIES PLASTIC WHEEL	2	-
24	5905750	BL SERIES PLASTIC WHEEL	2	-

DRAWN

TM

DATE

CHECKED

DB

DATE

THIRD ANGLE PROJECTION

BL-3500SLX

PRODUCTION LIFT VER D

SIZE DWG. NO.

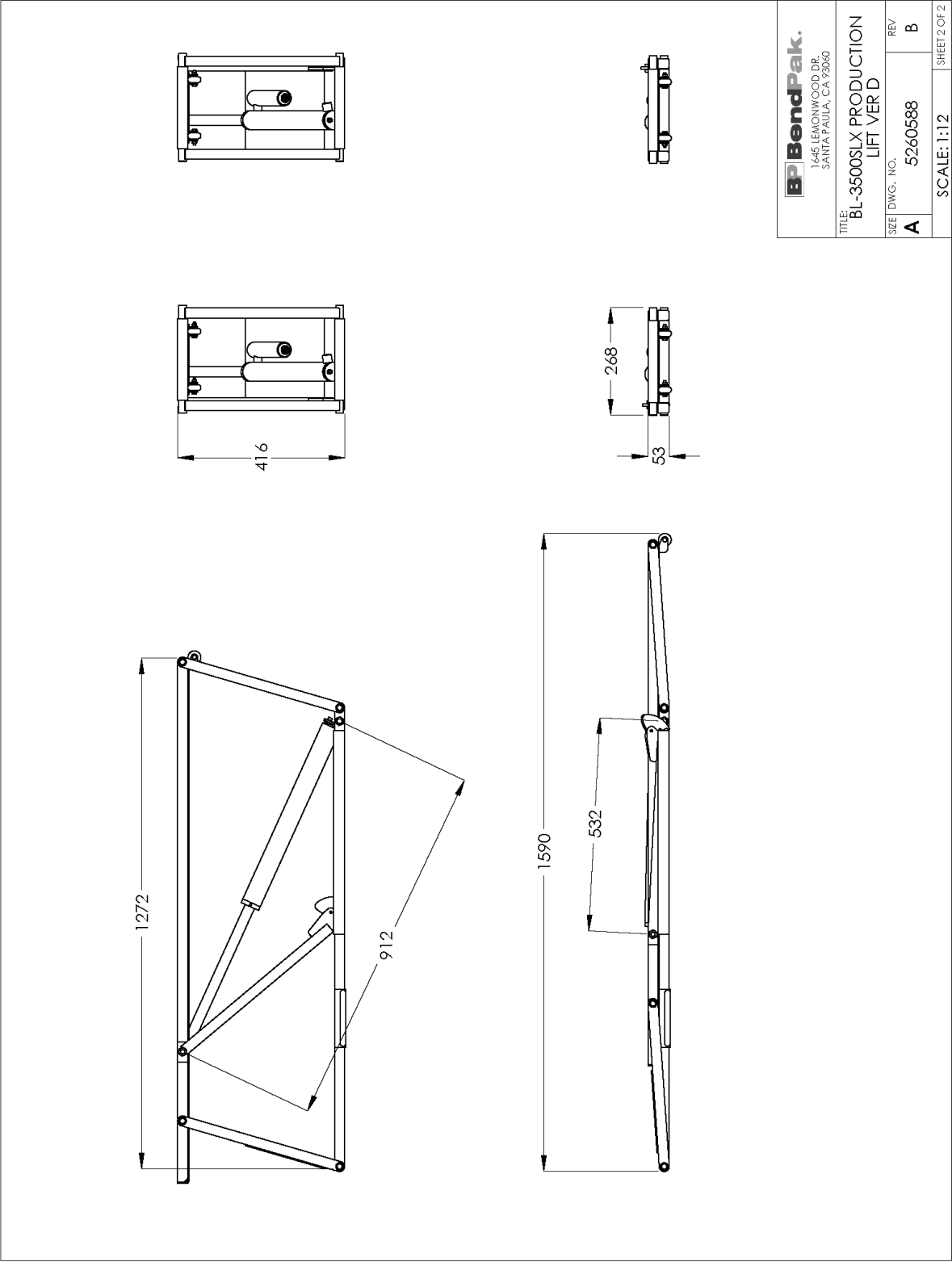
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5260112

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SHEET 1 OF 2

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BP BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93580

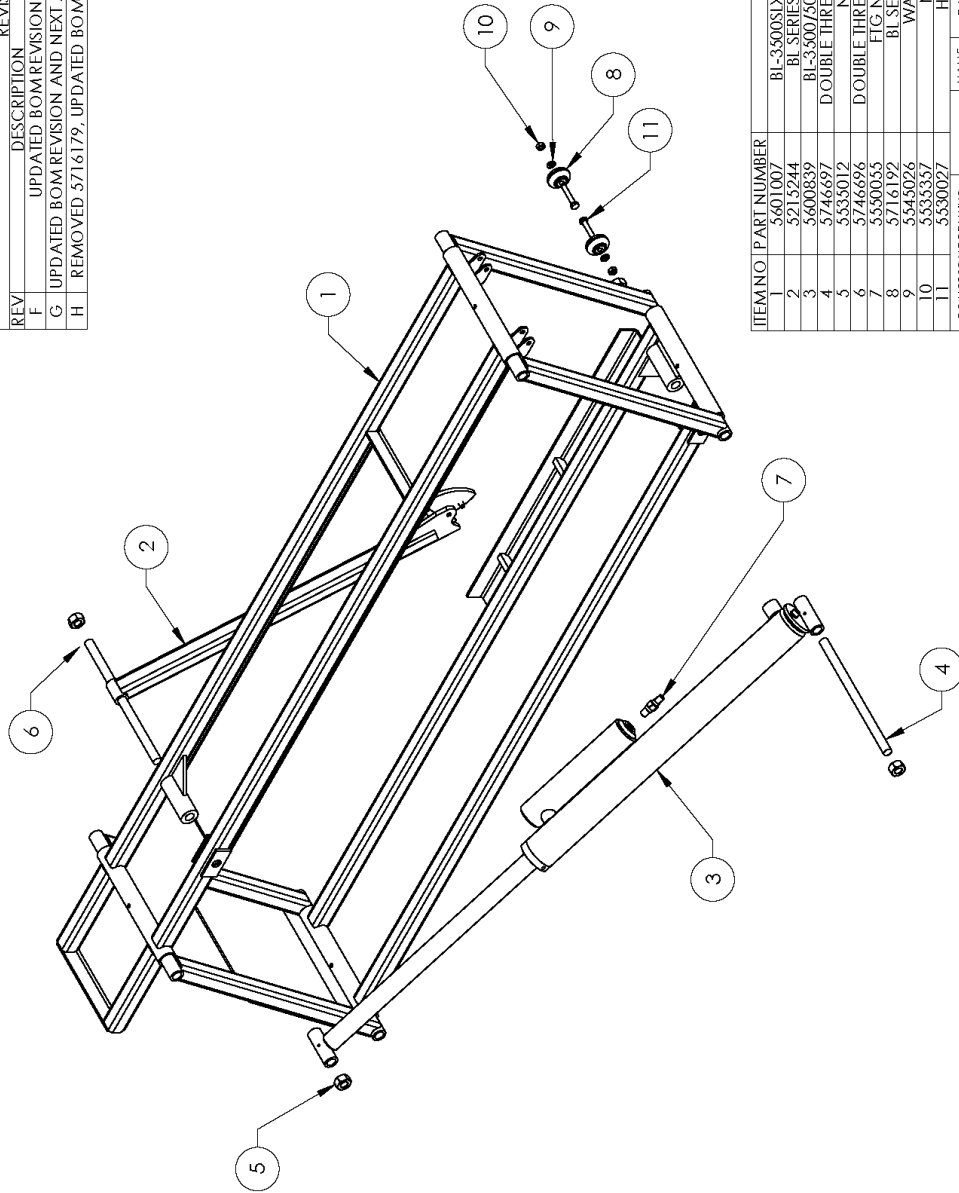
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**BL-3500SLX PRODUCTION
LIFT VER D**

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A	5260588	B

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SHEET 2 OF 2

REV	DESCRIPTION	REVISION	DATE	EDITED BY	ECO #
F	UPDATED BOM REVISION		09/15/2016	TM	00776
G	UPDATED BOM REVISION AND NEXT ASSEMBLIES		11/07/2016	TM	00786
H	REMOVED 5/16179; UPDATED BOM REVISION		12/29/2016	TM	00801



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601007	BL-3500SLX FRAME WELDMENT R.H.	1	G
2	5215244	BL SERIES SAFETY BAR ASSEMBLY	1	B
3	5600839	BL-3500/5000 CYLINDER WELDMENT	1	F
4	5746697	DOUBLE THREADED ROD M12 x 1.75 x 212	1	B
5	5335012	NUT M12x1.75 NL	4	-
6	5746696	DOUBLE THREADED ROD M12 x 1.75 x 227	1	C
7	5530035	FIG NPL -02 STMX-02 NPT	1	-
8	5716192	BL SERIES PLASTIC WHEEL	2	C
9	5545026	WASHER M6 x Ø12 SL	2	-
10	5535357	NUT M6 x 1.0 NL	2	-
11	5530027	HHB M6 x 1.0 x 35	2	-

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1445 LEMONWOOD DR.
SANTA PAULA, CA 93060

DRAWN TM 06/12/2015
CHECKED DB 1/17/2017

THIRD ANGLE PROJECTION

TITLE: BL-3500SLX FRAME
ASSEMBLY, R.H.

SIZE DWG. NO.

A 5215415

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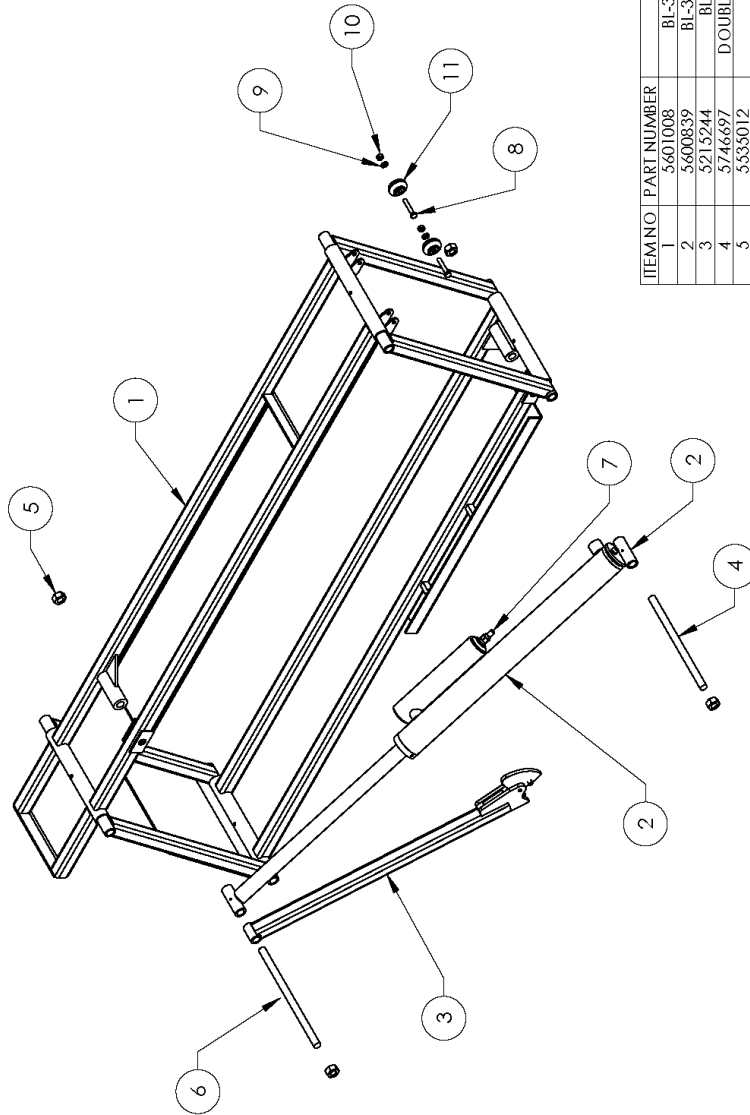


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NEXT ASSEMBLY
5215709
5260588

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2. ASSEMBLE ITEMS AS SHOWN

REV	DESCRIPTION	REVISION	DATE	EDITED BY/ECO#
F	UPDATED BOM REVISIONS		09/14/2016	TM 00776
G	UPDATED BOM REVISION AND NEXT ASSEMBLIES		11/07/2016	TM 00786
H	REMOVED 5716179, UPDATED BOM REVISIONS		12/29/2016	TM 00801



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601008	BL-3500SLX FRAME WELDMENT, L.H.	1	H
2	5600839	BL-3500/5000 CYLINDER WELDMENT	1	F
3	5215244	BL SERIES SAFETY BAR ASSEMBLY	1	B
4	5746697	DOUBLE THREADED ROD M12 x 1.75 x 212	1	B
5	5535012	NUT M12x1.75 NL	4	-
6	5746696	DOUBLE THREADED ROD M12 x 1.75 x 227	1	C
7	5530035	FIG NPL -02 STM x -02 NPI	1	-
8	5530027	HHB M6 x 1.0 x 35	2	-
9	5545026	WASHER M6 x Ø12 SL	2	-
10	5535357	NUT M6 x 1.0 NL	2	-
11	5716192	BL SERIES PLASTIC WHEEL	2	C

BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 92060

TITLE: BL-3500SLX FRAME
ASSEMBLY, L.H.

SIZE DWG. NO.

A 5215416



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5215708
5240588

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 - ASSEMBLE ITEMS AS SHOWN

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY	REV
1	5215480	BL-5000S X FRAME ASSEMBLY R.H.	1	B
2	5215478	BL-5000S X FRAME ASSEMBLY L.H.	1	B
3	5215476	BL SERIES HANDLE WELDMENT	2	B
4	5215476	BL SERIES HANDLE WELDMENT	2	B
5	5215476	BL SERIES HANDLE WELDMENT	2	B
6	5215476	BL SERIES HANDLE WELDMENT	2	B
7	5215476	BL SERIES HANDLE WELDMENT	2	B
8	5215476	BL SERIES HANDLE WELDMENT	2	B
9	5215476	BL SERIES HANDLE WELDMENT	2	B
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11	5215476	BL SERIES HANDLE WELDMENT	2	B
12	5215476	BL SERIES HANDLE WELDMENT	2	B
13	5215476	BL SERIES HANDLE WELDMENT	2	B
14	5215476	BL SERIES HANDLE WELDMENT	2	B
15	5215476	BL SERIES HANDLE WELDMENT	2	B
16	5215476	BL SERIES HANDLE WELDMENT	2	B
17	5215476	BL SERIES HANDLE WELDMENT	2	B
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21	5215476	BL SERIES HANDLE WELDMENT	2	B
22	5215476	BL SERIES HANDLE WELDMENT	2	B
23	5215476	BL SERIES HANDLE WELDMENT	2	B
24	5215476	BL SERIES HANDLE WELDMENT	2	B

***POWER UNIT**

110V AC
220V AC
240V AC
DC

NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

2. ASSEMBLE ITEMS AS SHOWN

3. * BY REQUEST

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DRAWN: TM 1/18/2016

CHECKED: DB 1/17/2017

THIRD ANGLE PROJECTION

SMILEY FACE

BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

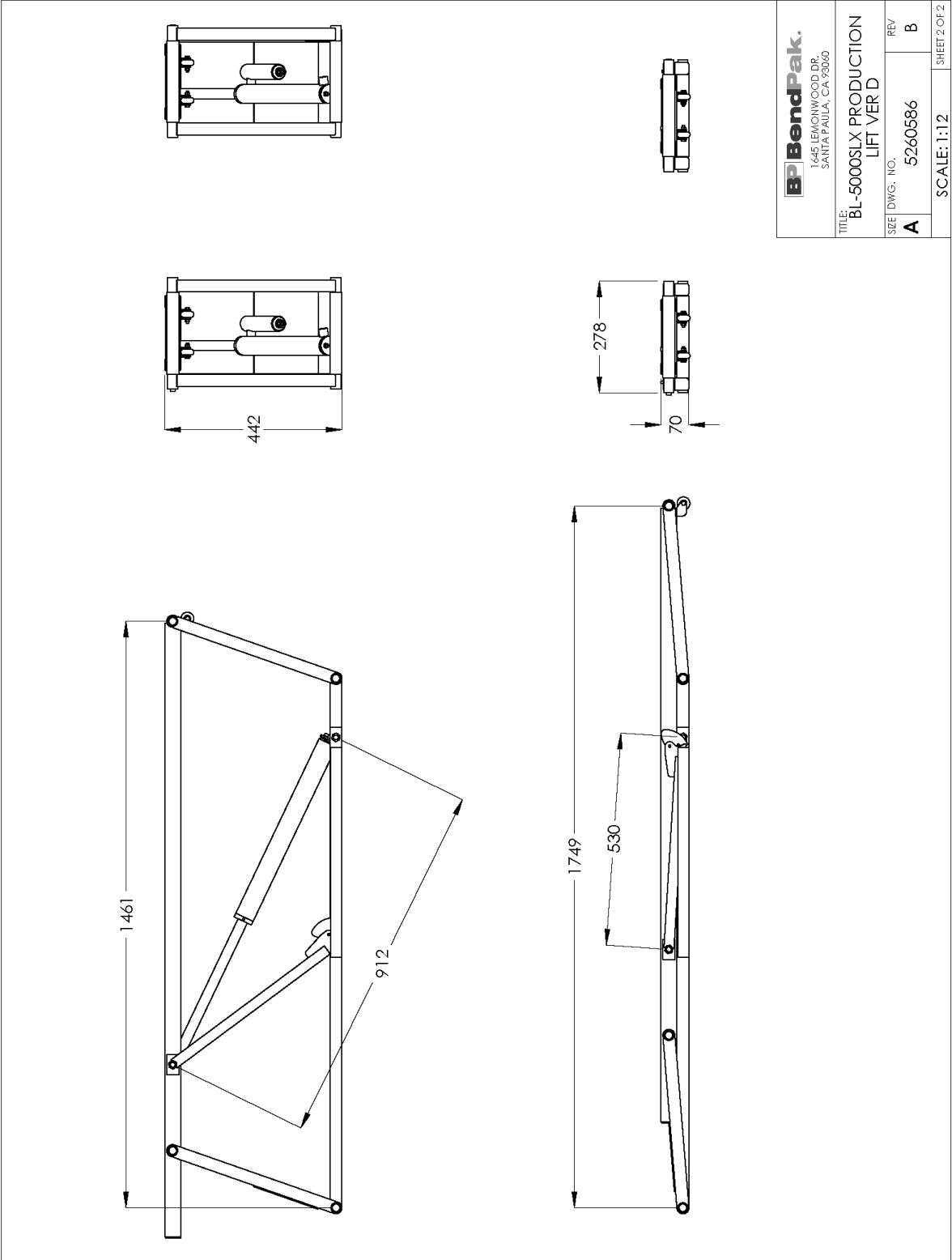
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PRODUCTION LIFT VER D

SIZE DWG. NO. A 5260586

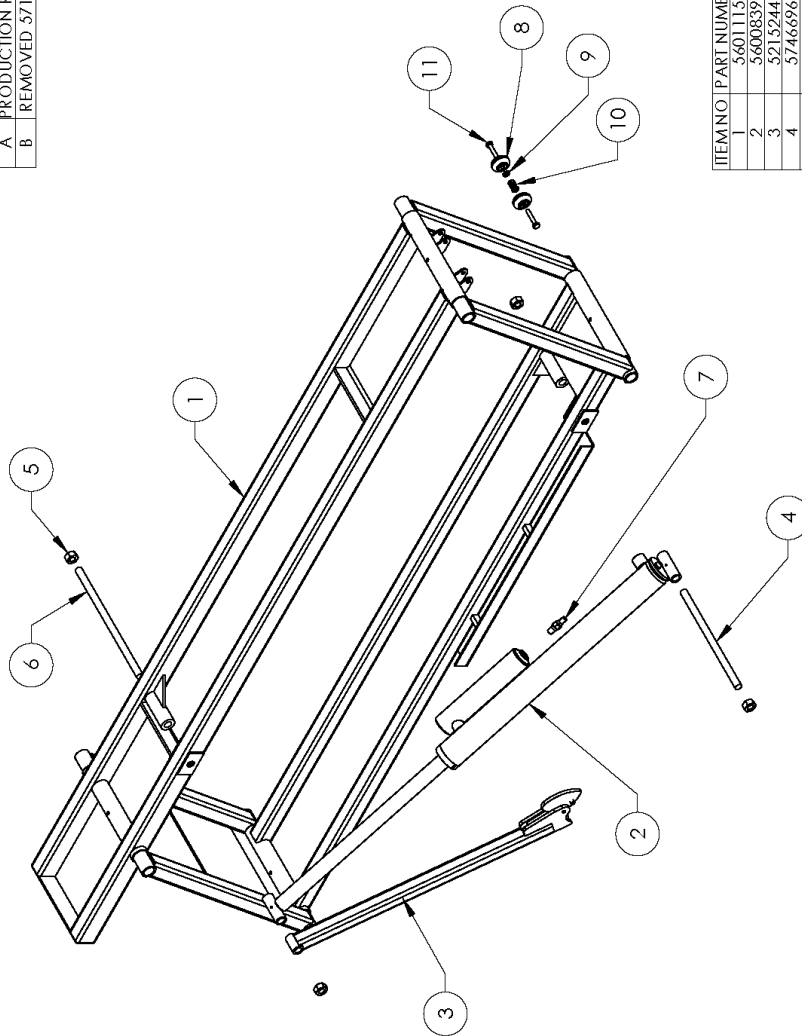
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SHEET 1 OF 2



REV	DESCRIPTION	REVISION	DATE	EDITED BY/ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5215419		10/13/2016	TM 00786
B	REMOVED 5716198, UPDATED BOM REVISIONS		12/28/2016	TM 00801



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601115	BL-5000SLX FRAME WELDMENT, L.H.	1	B
2	5600839	BL-3500/5000 CYLINDER WELDMENT	1	F
3	5215244	BL SERIES SAFETY BAR ASSEMBLY	1	B
4	5746696	DOUBLE THREADED ROD M12 x 1.75 x 227	1	C
5	5535012	NUT M12x1.75 NL	4	-
6	5746670	DOUBLE THREADED ROD M12 x 1.75 x 254	1	-
7	5500555	FTG NPL-02 STMX-02 NPT	1	-
8	5716192	BL SERIES PLASTIC WHEEL	2	C
9	5545026	WASHER M6 x Ø12 SL	2	-
10	5535357	NUT M6 x 1.0 NL	2	-
11	5530027	HHB M6 x 1.0 x 35	2	-

BendPak.

1445 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: BL-5000SLX FRAME
ASSEMBLY, L.H.

SIZE DWG. NO.

A 5215478

REV

B

SCALE: 1:10

SHEET 1 OF 1



THIRD ANGLE PROJECTION

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CHECKED DB 1/17/2017

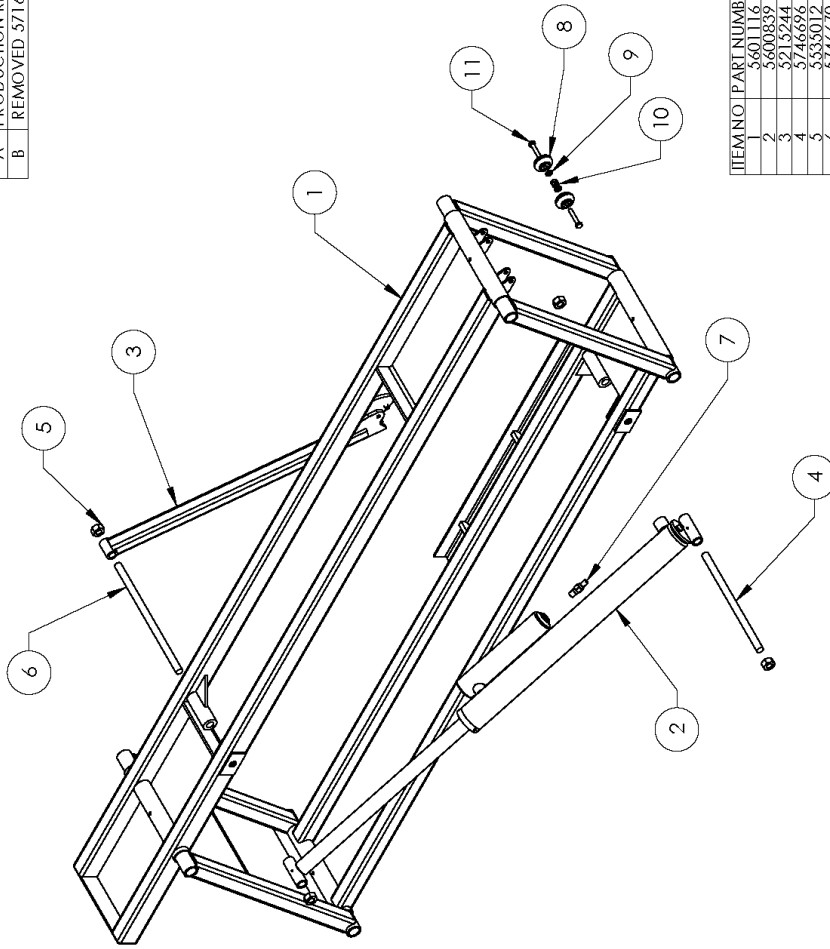
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NEXT ASSEMBLY	5215482
	5240586

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REV	DESCRIPTION	REVISION	DATE	EDITED BY/ECO#
A	PRODUCTION RELEASE. DERIVED FROM 5215417		10/17/2016	TM 000786
B	REMOVED 5716198, UPDATED BOM REVISIONS		12/28/2016	TM 00801



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601116	BL-5000SLX FRAME WELDMENT, R.H.	1	B
2	5600839	BL-3500/5000 CYLINDER WELDMENT	1	B
3	5215244	BL SERIES SAFETY BAR ASSEMBLY	1	B
4	5746696	DOUBLE THREADED ROD M12 x 1.75 x 227	1	C
5	5535012	NUT M12x1.75 NL	4	-
6	5746670	DOUBLE THREADED ROD M12 x 1.75 x 254	1	E
7	5550055	FIG NPL-02 SIMX-02 NPT	1	-
8	5716192	BL SERIES PLASTIC WHEEL	2	C
9	5545026	WASHER M6 x Ø12 SL	2	-
10	5535357	NUT M6 x 1.0 NL	2	-
11	5530027	HHB M6 x 1.0 x 35	2	-

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1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

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CHECKED DB

DATE 10/17/2016
1/17/2017

THIRD ANGLE PROJECTION

BL-5000SLX FRAME ASSEMBLY, R.H.

SIZE DWG. NO. A 5215480

REV B

SCALE: 1:10

SHEET 1 OF 1



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NEXT ASSEMBLY
5215481
5240586

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REV	DESCRIPTION	REVISION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5260114		11/22/2016	TM	00786
B	UPDATED BOM REVISIONS		12/29/2016	TM	00801

ITEM NO.	PART NUMBER	DESCRIPTION	QTY	REV
1	5215476	BL-7000SLX FRAME ASSEMBLY, R.H.	1	B
2	5215477	BL-7000SLX FRAME ASSEMBLY, L.H.	1	B
3	5215477	BL-7000SLX FRAME ASSEMBLY, L.H.	1	B
4	5601108	BL-5000ALX/7000ALX PUMP CARRIER WELDMENT	2	A
5	5601108	BL-5000ALX/7000ALX PUMP CARRIER WELDMENT	2	A
6	5140116	BL SERIES RUBBER PAD KIT	1	A
7	5140116	BL SERIES QUICK JACK SUV AND LIGHT TRUCK ADAPTER KIT	1	A
8	5150561	BL SERIES HOSE ASSEMBLY 26.4 x 603mm	2	C
9	5370216	HOSE ASSEMBLY 26.4 x 3810mm DS MALE	2	A
10	5370216	MINI POWER UNIT WITH PENDANT CONTROL	1*	A
11	5370216	FTG NPT-04 NPT 1/4 QUICK CONNECTOR COUPLER	2	-
12	5370216	FTG NPT-04 NPT 1/4 QUICK CONNECTOR COUPLER	2	-
13	5550031	FTG NPT-04 NPT 1/4 QUICK CONNECTOR COUPLER	4	-
14	5550032	FTG NPT-04 NPT 1/4 QUICK CONNECTOR COUPLER	4	-
15	5715369	BL SERIES POWER UNIT CARRIER RUBBER FOOT	4	A
16	5715369	BL SERIES POWER UNIT CARRIER RUBBER FOOT	4	A
17	5715369	BL SERIES PLASTIC WHEEL	2	A
18	5905949	TELON TAPE 12mm	1	C
19	5905949	LABEL: QUICK JACK MAX LIFT CAPACITY/PAIR: 7000 LBS / 3175 KG	2	-
20	5905949	DECAL: WARNING SAFETY LOCK DEVICE/QUICK JACK	2	-
21	5905949	BL SERIES CAUTION, KEEP HANDS CLEAR	2	-
22	5905949	BL SERIES DANGER AIR LABEL	2	-
23	5905949	BL SERIES DO NOT DRIVE ON LABEL	2	-
24	5905949	BL SERIES WARNING INSTRUCTION: SIX ALX	2	-
25	5905949	BL-7000SLX CAUTION LABEL	1	-
26	5905949	BL-7000SLX CAUTION LABEL	1	-
27	5905949	BL-7000SLX CAUTION LABEL	1	-

NAME	DATE
DRAWN	11/22/2016
CHECKED	1/17/2017

THIRD ANGLE PROJECTION

BL-7000SLX

PRODUCTION LIFT VER D

SEE DWG. NO. **A** 5260587

SCALE: 1:20

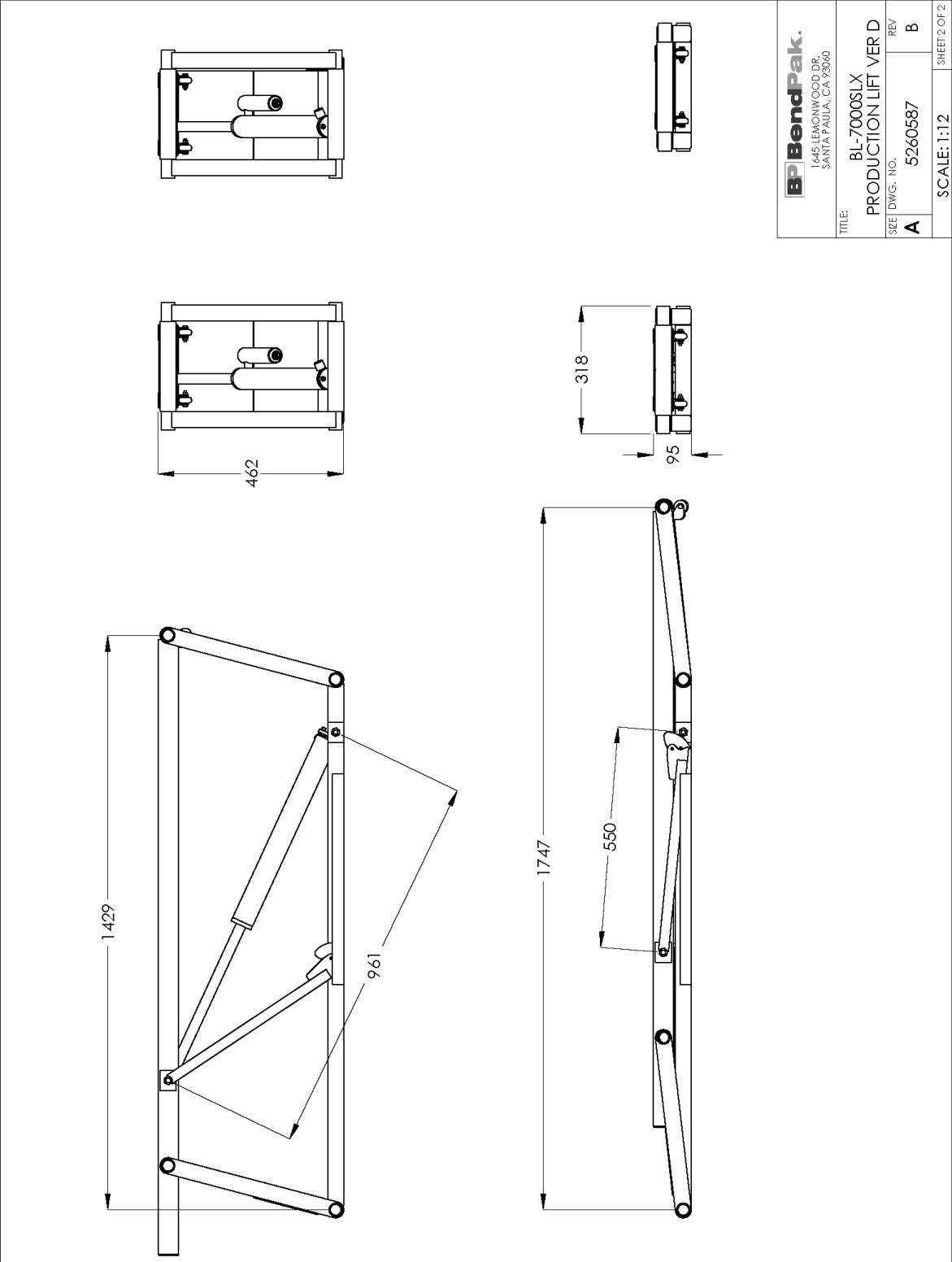
SHEET 1 OF 2

***POWER UNIT**

110V AC
220V AC
240V AC
DC

NOTE: UNLESS OTHERWISE SPECIFIED,

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
3. * BY REQUEST

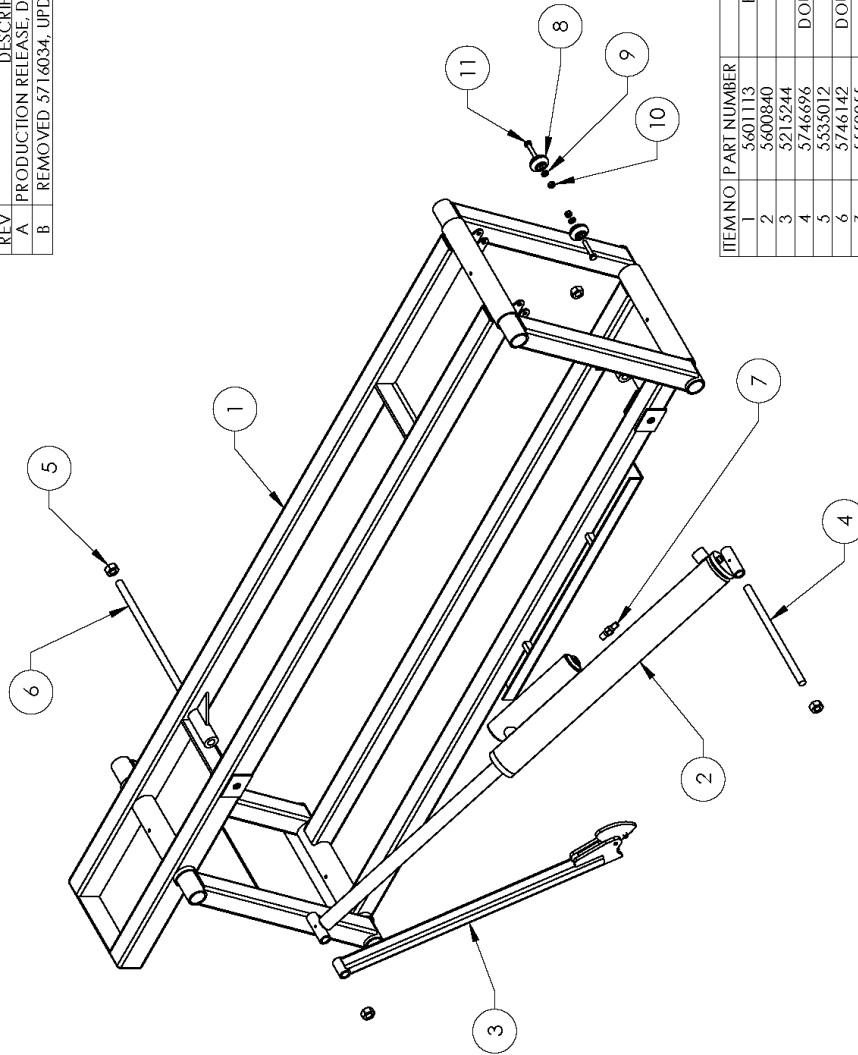


BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE:		BL-7000SLX	
PRODUCTION LIFT VER D		REV	
SIZE	DWG. NO.	REV	
A	5260587	B	
SCALE: 1:12		SHEET 2 OF 2	

REV	DESCRIPTION	REVISION	DATE	EDITED BY/ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5215422		10/27/2016	TM 00786
B	REMOVED 5716034, UPDATED BOM REVISION		12/29/2016	TM 00801



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601113	BL-7000SLX FRAME WELDMENT, L.H.	1	B
2	5600840	BL-7000 CYLINDER WELDMENT	1	D
3	5215244	BL SERIES SAFETY BAR ASSEMBLY	1	B
4	5746696	DOUBLE THREADED ROD M12 x 1.75 x 227	1	C
5	5335012	NUT M12x1.75 NL	4	-
6	5746142	DOUBLE THREADED ROD M12 x 1.75 x 274	1	C
7	5550055	FIG NPL-02 SHIMX-02 NPT	1	-
8	5716192	BL SERIES PLASTIC WHEEL	2	C
9	5345026	WASHER M6 x Ø12 SL	2	-
10	5335357	NUT M6 x 1.0 NL	2	-
11	5330027	HHB M6 x 1.0 x 35	2	-

BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93560

TITLE: BL-7000SLX FRAME
ASSEMBLY, L.H.

SIZE DWG. NO. A 5215477 REV B

SCALE: 1:10 SHEET 1 OF 1

DO NOT SCALE DRAWING
DRAWN TM 10/27/2016
CHECKED DB 1/17/2017
THIRD ANGLE PROJECTION

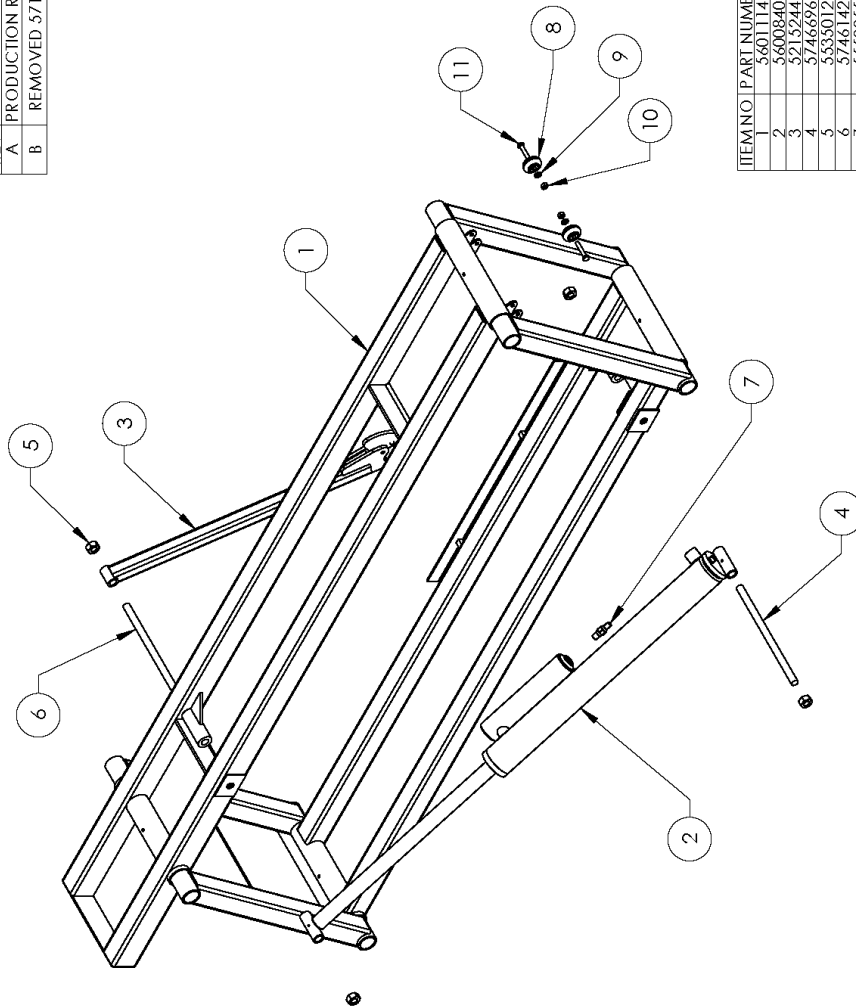


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NEXT ASSEMBLY	5215484
5260587	

NOTE: UNLESS OTHERWISE SPECIFIED,
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN

REV	DESCRIPTION	REVISION	DATE	EDITED BY/ECO#
A	PRODUCTION RELEASE. DERIVED FROM 5215418		11/02/2016	TM 000786
B	REMOVED 5716034, UPDATED BOM/REVISION		12/29/2016	TM 00801



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601114	BL-7000SLX FRAME WELDMENT, R.H.	1	B
2	5600840	BL-7000 CYLINDER WELDMENT	1	D
3	5215244	BL SERIES SAFETY BAR ASSEMBLY	1	B
4	5746696	DOUBLE THREADED ROD M12 x 1.75 x 227	1	C
5	5535012	NUT M12x1.75 NL	4	-
6	5746142	DOUBLE THREADED ROD M12 x 1.75 x 274	1	C
7	5550055	FIG NPL-02 STMX-02 NPT	1	-
8	5716192	BL SERIES PLASTIC WHEEL	2	C
9	5545026	WASHER M6 x Ø12 SL	2	-
10	5535357	NUT M6 x 1.0 NL	2	-
11	5530027	HHB M6 x 1.0 x 35	2	-

BendPak.

1645 LEMMONWOOD DR.
SANTA ANA, CA 92706

TITLE: BL-7000SLX FRAME
ASSEMBLY, R.H.

SEE DWG. NO.

A 5215479

SCALE: 1:10

SHEET 1 OF 1

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DIMENSIONS ARE IN MM

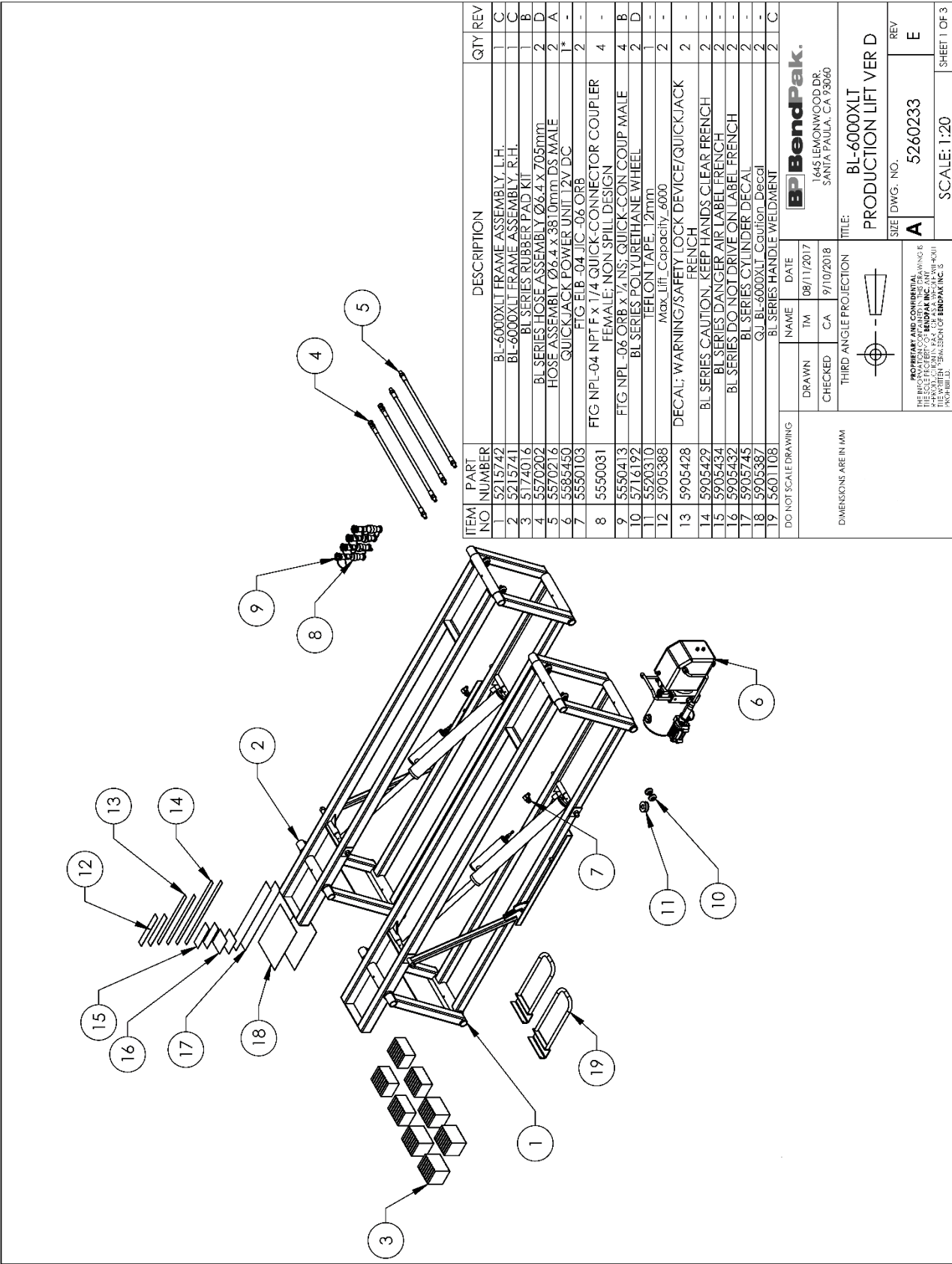


THIRD ANGLE PROJECTION

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NEXT ASSEMBLY
5215483
5260587

NOTE: UNLESS OTHERWISE SPECIFIED.
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN



ITEM NO.	PART NUMBER	DESCRIPTION	QTY	REV
1	5215742	BL-6000XLT FRAME ASSEMBLY, L.H.	1	C
2	5215741	BL-6000XLT FRAME ASSEMBLY, R.H.	1	C
3	5174016	BL SERIES RUBBER PAD KIT	1	B
4	5570202	BL SERIES HOSE ASSEMBLY Ø6.4 x 705mm	2	D
5	5570216	HOSE ASSEMBLY Ø6.4 x 3810mm DS MALE	2	A
6	5585450	QUICK JACK POWER UNIT 12V DC	1*	-
7	5550103	FTG E18-04 JIC-06 ORB	2	-
8	5550031	FTG NPL-04 NPT F x 1/4 QUICK-CONNECTOR COUPLER FEMALE; NON SPILL DESIGN	4	-
9	5550413	FTG NPL-06 ORB x 1/4 NS; QUICK-CON COUP MALE	4	B
10	5716192	BL SERIES POLYURETHANE WHEEL	2	D
11	5520310	TEFLON TAPE, 12mm	1	-
12	5905388	Max Lift Capacity 6000	2	-
13	5905428	DECAL: WARNING/SAFETY LOCK DEVICE/QUICK JACK FRENCH	2	-
14	5905429	BL SERIES CAUTION, KEEP HANDS CLEAR FRENCH	2	-
15	5905434	BL SERIES DANGER AIR LABEL FRENCH	2	-
16	5905432	BL SERIES DO NOT DRIVE ON LABEL FRENCH	2	-
17	5905745	BL SERIES CYLINDER DECAL	2	-
18	5905387	QJ BL-6000XLT Caution Decal	2	-
19	5601108	BL SERIES HANDLE WELDMENT	2	C

BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

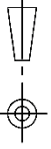
TITLE: BL-6000XLT
PRODUCTION LIFT VER D

SIZE DWG. NO. 5260233
REV E

SCALE: 1:20

SHEET 1 OF 3

THIRD ANGLE PROJECTION



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PROHIBITED. BENDPAK INC. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060

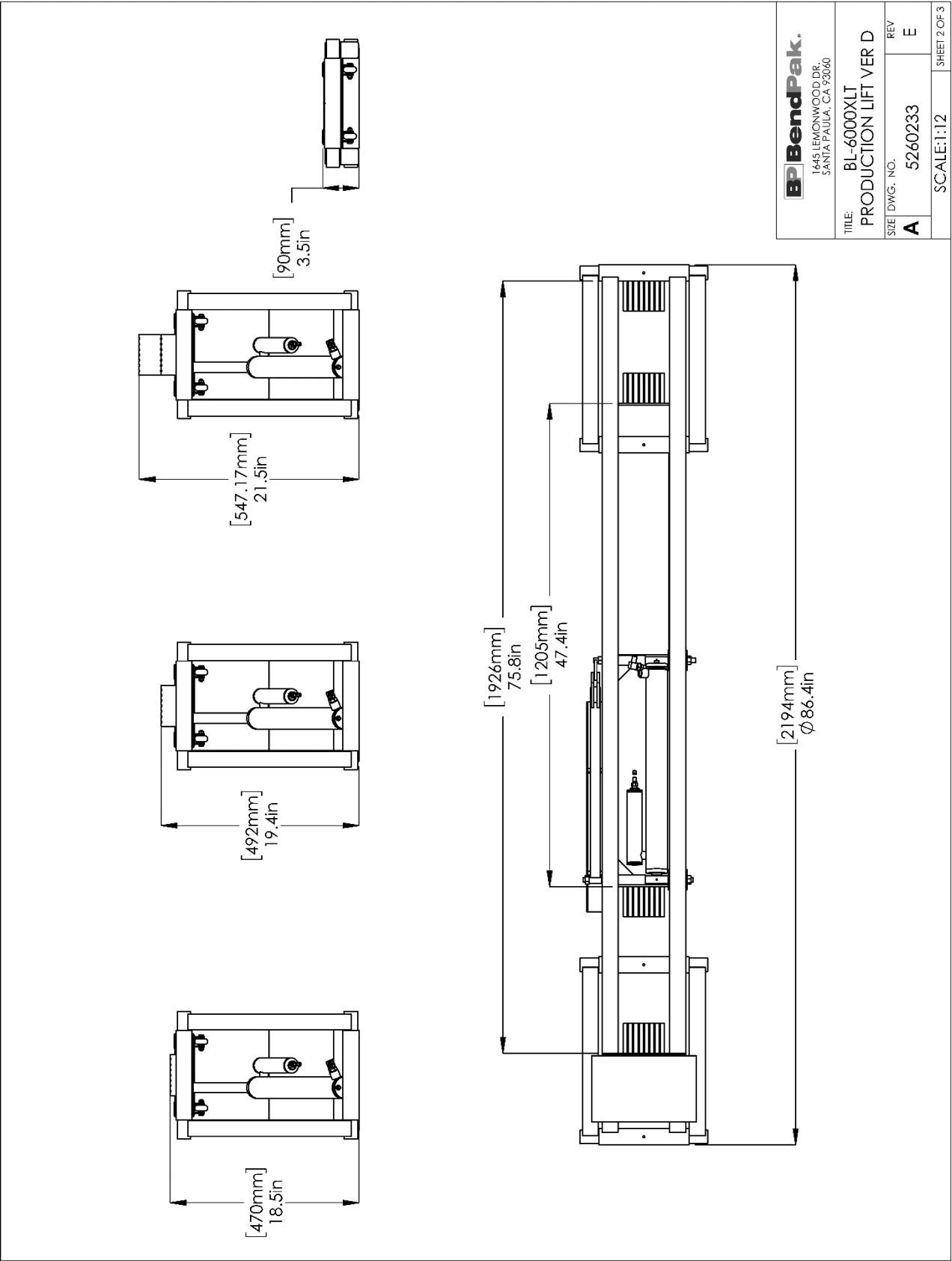
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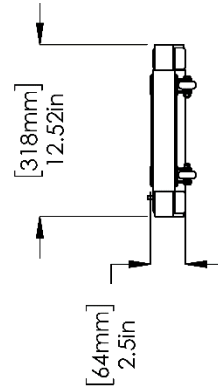
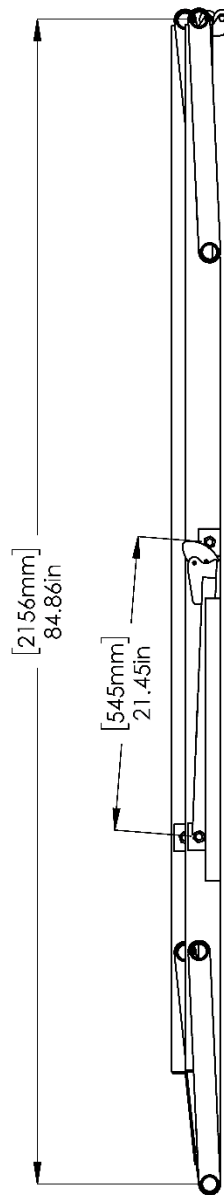
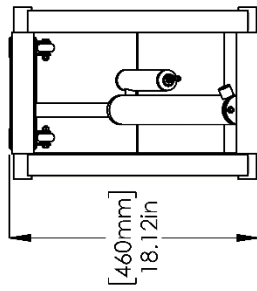
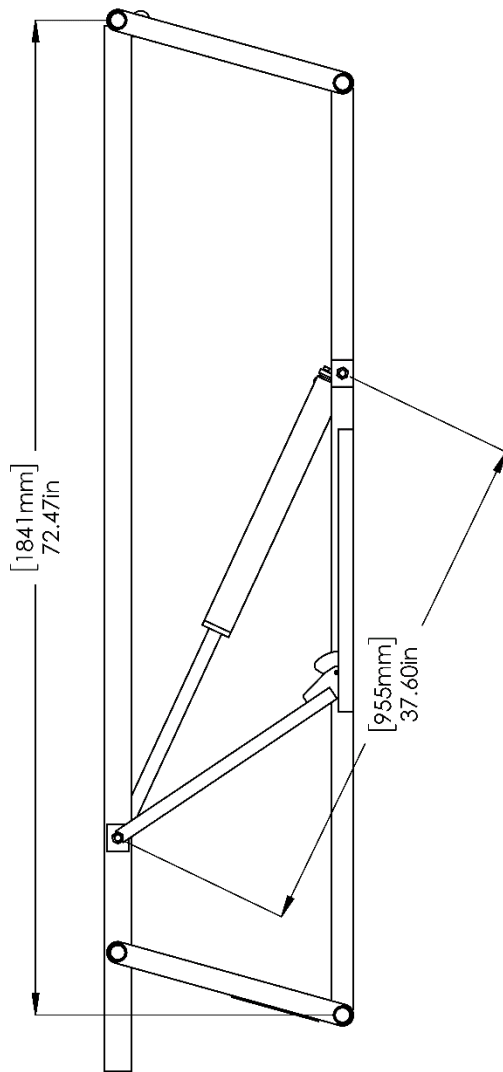
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NAME DATE

DRAWN TM 08/11/2017

CHECKED CA 9/10/2018

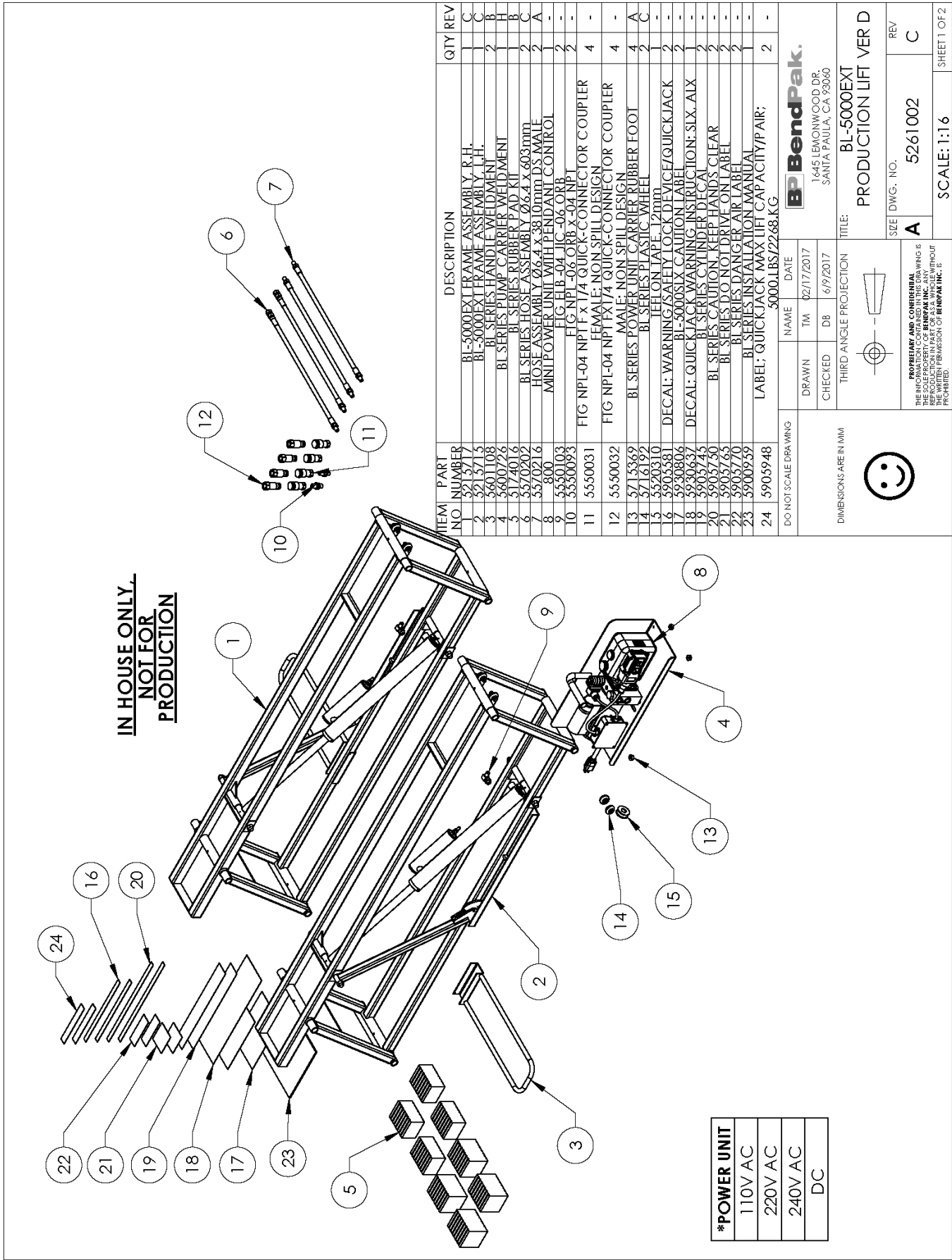




BendPak

1445 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE:		BL-6000XLT	
PRODUCTION LIFT VER D		REV	
SIZE	DWG. NO.	REV	
A	5260233	E	
SCALE: 1:12		SHEET 3 OF 3	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY	REV
1	5215717	BL-5000EXT FRAME ASSEMBLY, R.H.	1	C
2	5215715	BL-5000EXT FRAME ASSEMBLY, L.H.	1	C
3	5601108	BL SERIES HANDLE WELDMENT	2	B
4	5600726	BL SERIES PUMP CARRIER WELDMENT	1	H
5	5174016	BL SERIES RUBBER PAD KIT	1	B
6	5570202	BL SERIES HOSE ASSEMBLY Ø6.4 x 3810mm DS 603mm	2	C
7	5570216	HOSE ASSEMBLY Ø6.4 x 3810mm DS MALE	2	A
8	800	MINI POWER UNIT WITH PENDANT CONTROL	1	-
9	5530103	FIG ELB-04 JIC -06 ORB	2	-
10	5530093	FIG NPT-06 ORB X-04 NPT	2	-
11	5550031	FIG NPT-04 NPT F X 1/4 QUICK-CONNECTOR COUPLER	4	-
12	5550032	FIG NPT-04 NPT F X 1/4 QUICK-CONNECTOR COUPLER	4	-
13	5715369	MALE: NON SPILL DESIGN	4	-
14	5716192	BL SERIES POWER UNIT CARRIER RUBBER FOOT	4	A
15	5520310	BL SERIES PLASTIC WHEEL	2	-
16	5905581	TEEL ON TAPE 12mm	1	-
17	5905581	DECAL: WARNING/SAFETY LOCK DEVICE/QUICKJACK	1	-
18	5905581	BL-5000SIX CAUTION LABEL	2	-
19	5905581	DECAL: QUICKJACK WARNING INSTRUCTION: SIX ALX	1	-
20	5905581	BL SERIES CYLINDER DECAL	2	-
21	5905581	BL SERIES CAUTION, KEEP HANDS CLEAR	2	-
22	5905581	BL SERIES DO NOT DRIVE ON LABEL	2	-
23	5905581	BL SERIES DANGER AIR LABEL	2	-
24	5905581	BL SERIES INSTALLATION MANUAL	1	-
		LABEL: QUICKJACK MAX LIFT CAPACITY/PAIR: 5000.LBS/2268.KG	2	-

BP BendPak.
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

DATE: 02/17/2017
DRAWN: TM
CHECKED: DB
THIRD ANGLE PROJECTION

TITLE: **BL-5000EXT PRODUCTION LIFT VER D**

SIZE: DWG. NO. **A** 5261002
REV: **C**

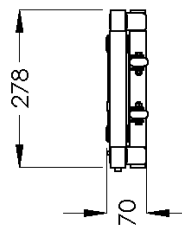
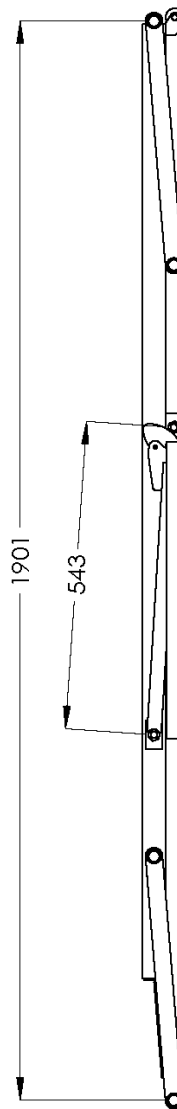
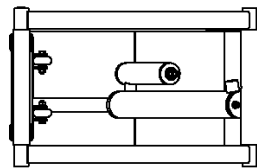
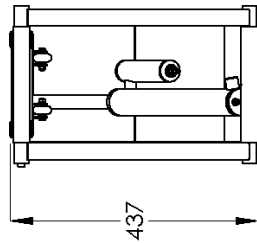
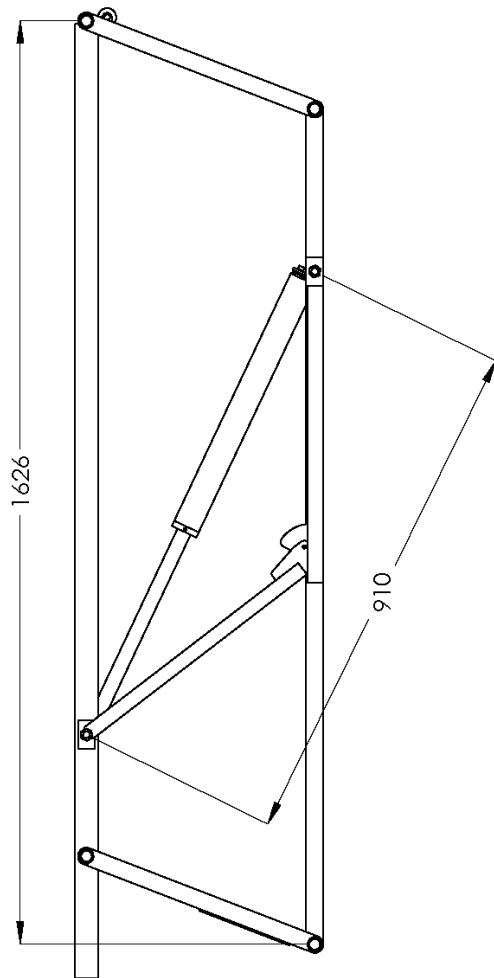
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SHEET 1 OF 2

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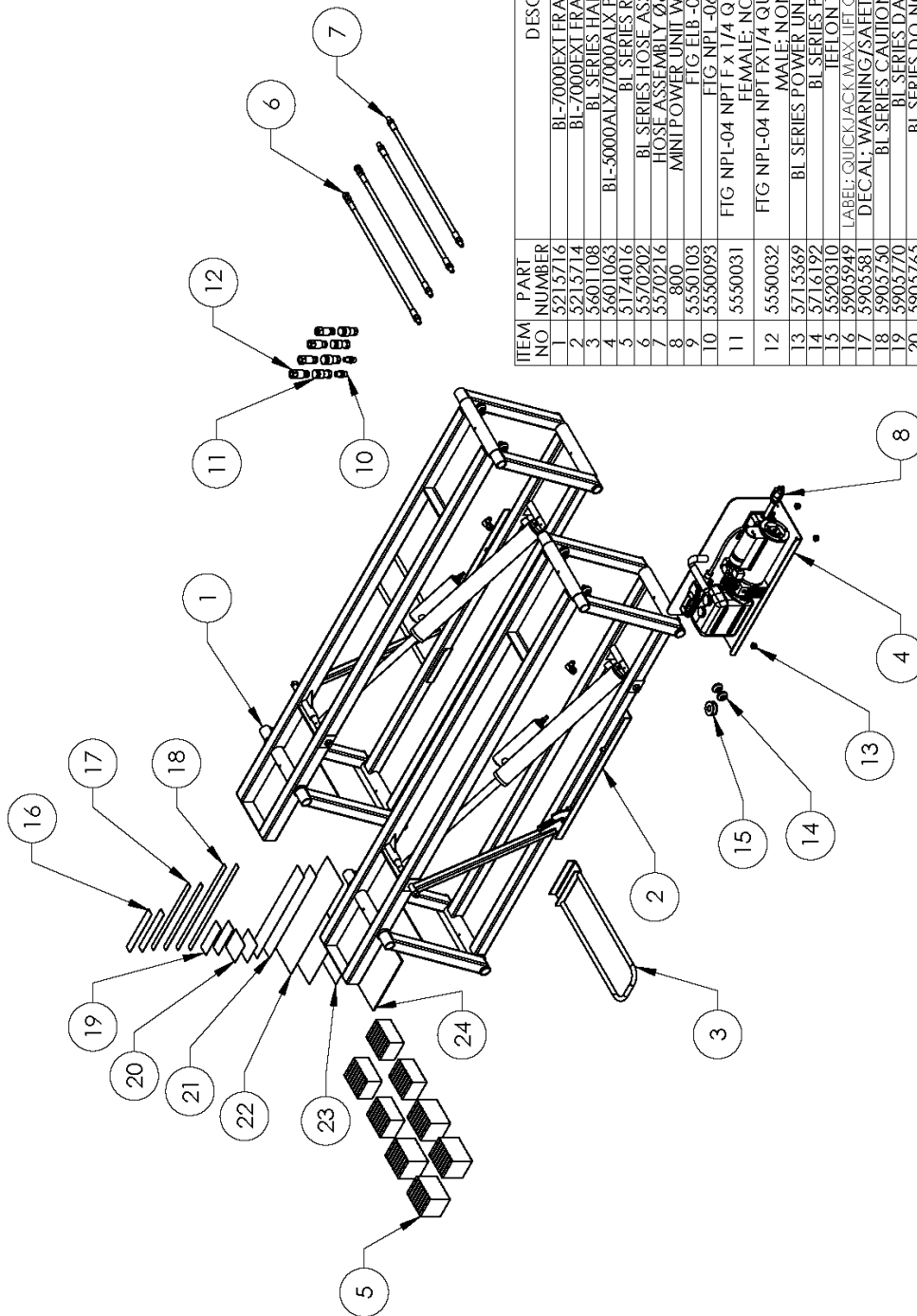


1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: BL-5000EXT PRODUCTION
LIFT VER D

SIZE	DWG. NO.	REV
A	5261002	C

SCALE: 1:12 SHEET 2 OF 2



*POWER UNIT
110V AC
220V AC
240V AC
DC

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5215716	BL-7000EXT FRAME ASSEMBLY, R.H.	1	A
2	5215714	BL-7000EXT FRAME ASSEMBLY, L.H.	1	A
3	5601108	BL SERIES HANDLE WELDMENT	2	A
4	5601063	BL-5000ALX/7000ALX PUMP CARRIER WELDMENT	1	A
5	5174016	BL SERIES RUBBER PAD KIT	1	A
6	5570202	BL SERIES HOSE ASSEMBLY Ø6.4 x 603mm	2	C
7	5570216	HOSE ASSEMBLY Ø6.4 x 3810mm DS MALE	2	A
8	800	MINI POWER UNIT WITH PENDANT CONTROL	1*	-
9	5550103	FIG ELB-04 JIC-06 ORB	2	-
10	5550093	FIG NPI-06 ORB X-04 NPT	2	-
11	5550031	FIG NPI-04 NPT FX 1/4 QUICK-CONNECTOR COUPLER FEMALE: NON SPILL DESIGN	4	-
12	5550032	FIG NPI-04 NPT FX 1/4 QUICK-CONNECTOR COUPLER MALE: NON SPILL DESIGN	4	-
13	5715369	BL SERIES POWER UNIT CARRIER RUBBER FOOT	4	A
14	5716192	BL SERIES PLASTIC WHEEL	2	C
15	5520310	TEFLON TAPE, 1/2mm	1	-
16	5905249	LABEL: QUICK JACK MAX LIFT CAPACITY PAIR: 7000 LBS/ 3175 KG	2	-
17	5905381	DECAL: WARNING/SAFETY LOCK DEVICE/QUICK JACK	2	-
18	5905750	BL SERIES CAUTION, KEEP HANDS CLEAR	2	-
19	5905770	BL SERIES DANGER AIR LABEL	2	-
20	5905765	BL SERIES DO NOT DRIVE ON LABEL	2	-
21	5905745	BL SERIES CYLINDER DECAL	2	-
22	5930637	DECAL: QUICK JACK WARNING INSTRUCTION: SIX - ALX	1	-
23	5905288	BL-7000EXT CAUTION LABEL	2	-
24	5900959	BL SERIES INSTALLATION MANUAL	1	-

BendPak

1645 LEWISWOOD DR.
SANTA PAULA, CA 93060

TITLE:

BL-7000EXT
PRODUCTION LIFT VER D

SIZE DWG. NO.

A 5261003

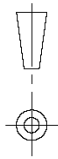
REV

A

SCALE: 1:20

SHEET 1 OF 3

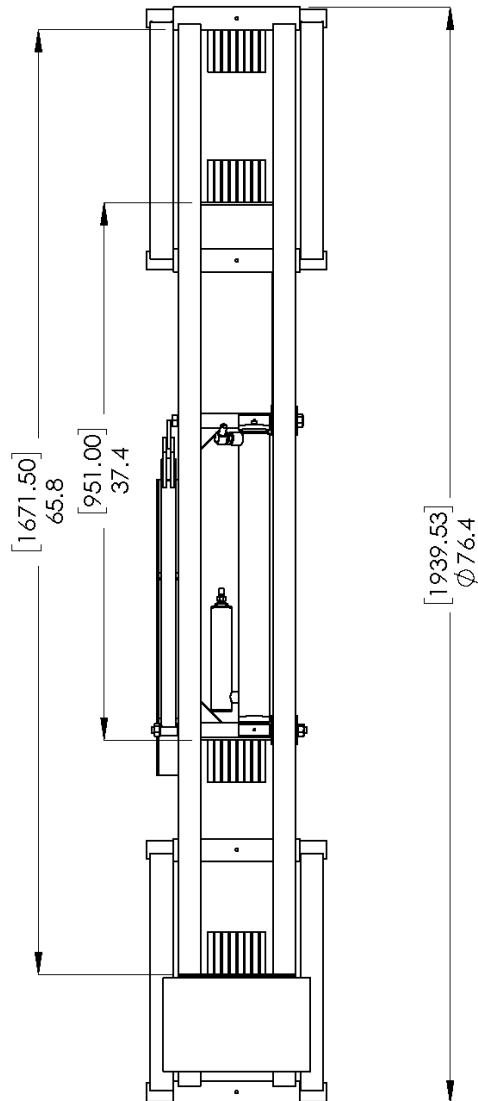
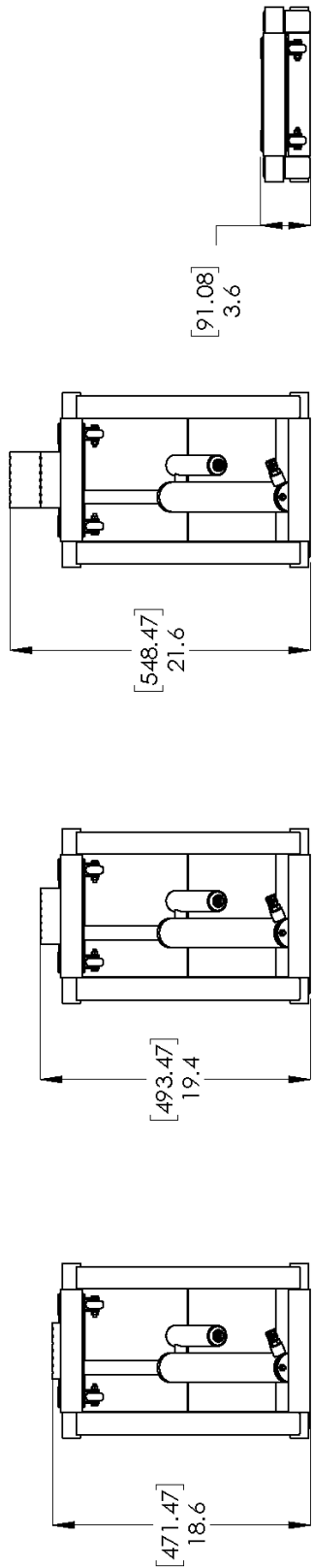
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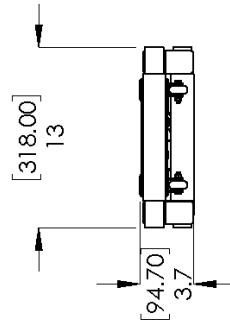
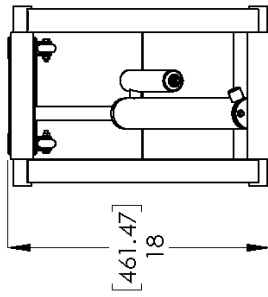
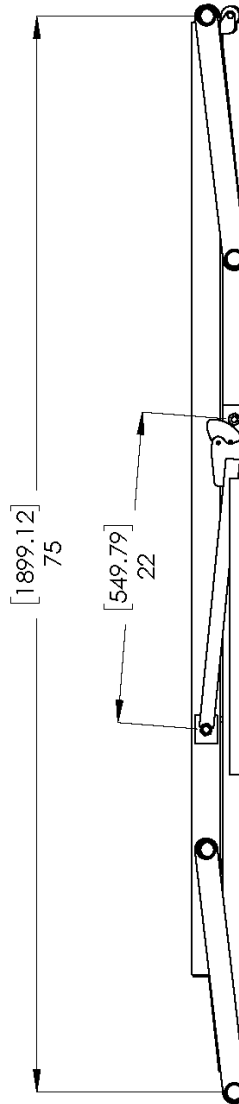
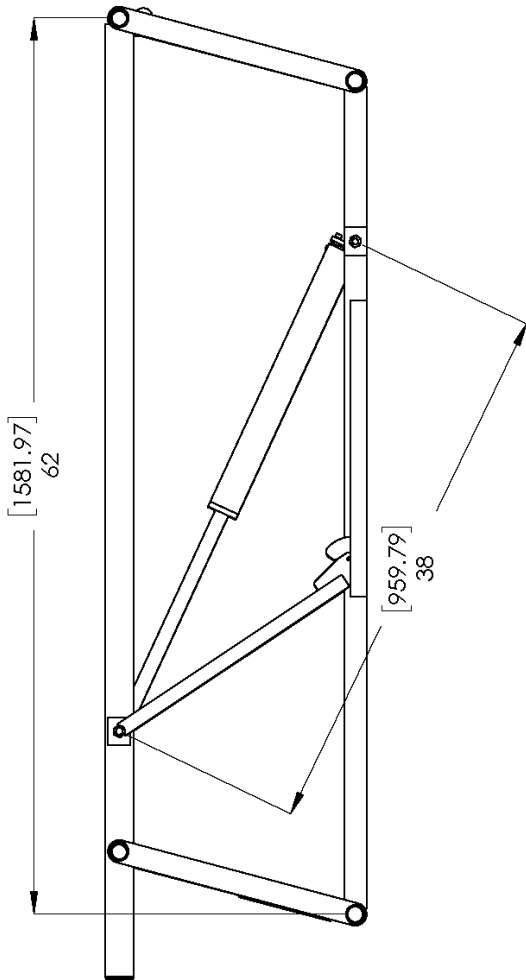


1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: BL-7000EXT
PRODUCTION LIFT VER D

SIZE DWG. NO. A 5261003 REV A

SCALE: 1:12 SHEET 2 OF 3



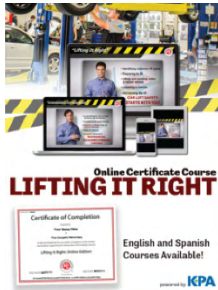
BendPak
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE:		BL-7000EXT PRODUCTION LIFT VER D	
SIZE	DWG. NO.	REV	
A	5261003	A	
SCALE: 1:12		SHEET 3 OF 3	

Automotive Lift Institute (ALI) Store

You probably checked the **ALI's Directory of Certified Lifts** (www.autolift.org/ali-directory-of-certified-lifts/) before making your most recent Lift purchase, but did you know the **ALI Store** (www.autolift.org/ali-store/) offers a wide variety of professional, easy-to-use, and reasonably priced training and safety materials that will make your garage a safer place to work?

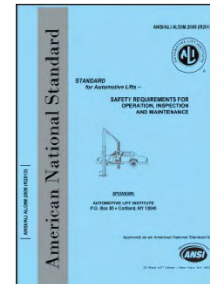
The ALI Store is your trusted source for workplace safety!



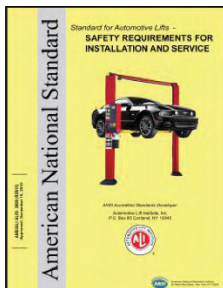
Lifting It Right Online Certificate Course. Make *sure* you and your people are lifting vehicles the right way.



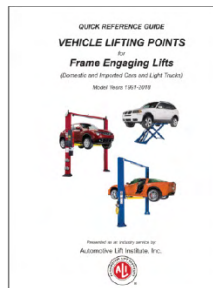
KPA Online Training Subscription. Get all of your people up to speed on automotive industry topics.



ANSI/ALI ALOIM Standard for Automotive Lifts. Safety Requirements for Operation, Inspection, and Maintenance.



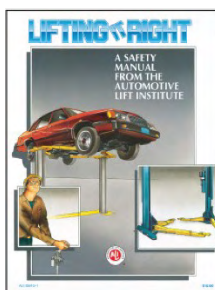
ANSI/ALI ALIS Standard. Safety Requirements for Installation and Service.



Guide to Hitting Vehicle Lifting Points for Frame-Engaging Lifts. Don't eyeball your lifting points, **know** where they are.



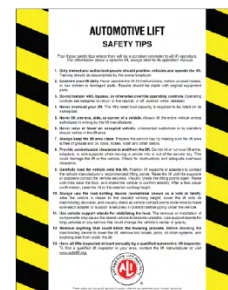
Lift Operator Safety Materials. Five safety documents in a single package.



Lifting It Right. A hardcopy version of the *Lifting It Right* safety manual from the Automotive Lift Institute.



Uniform Warning Labels and Placards for 2-Posts. Labels in Mandarin, French Canadian, and Spanish are also available.



Safety Tips Card. Reminds your people of 13 key safety tips to follow daily.

Visit today and get the training and materials you need to work safely:
<http://www.autolift.org/ali-store/>.

Maintenance Log

[illegible]

CE Documentation



No. 6038

EC Type-Examination Certificate

(Fm 210-017, Rev9)



For the requirements of the Machinery Directive 2006/42/EC

For Annex IV machinery

Certificate No.: CE-GB-20150427-01-5C
Date of first issue: 2015.12.10
Date of last review: 2017.09.12
Date of next review: 2020.12.09

NAME AND ADDRESS OF THE MANUFACTURER: Bendpak Inc.
1645 E. Lemonwood Drive,
Santa Paula, CA,
United States of America

PRODUCT DESCRIPTION/ TYPE AND MODEL: Quickjack dual platform portable scissor vehicle lift
Quickjack BL-3500SLX 3500lbs/1588kg capacity
Quickjack BL-5000SLX 5000lbs/2268kg capacity
Quickjack BL-5000EXT 5000lbs/2268kg capacity
Quickjack BL-7000SLX 7000lbs/3175kg capacity
Quickjack BL-7000EXT 7000lbs/3175kg capacity
SLX models standard frame, EXT models extended frame

APPLICABLE STANDARDS: EN 1493:2010 Vehicle Lifts
TECHNICAL FILE REF. NO. : TF-GB-20150427-01-5A plus details of EXT models
A COPY IS AVAILABLE FROM: CCQS UK Ltd., Level 2, 5 Harbour Exchange Square
London, E14 9GE, UK

SUBJECT TO THESE CONDITIONS:

RE-ISSUE HISTORY
2015.12.10 CE-GB-20150427-01-5A First issue
2016.12.08 CE-GB-20150427-01-5B Reissued with revised certificate template
2017.09.12 CE-GB-20150427-01-5C Reissued to include EXT models

The technical file, accompanying documentation and the equipment which they describe have been found to be in compliance with the requirements of the Machinery Directive 2006/42/EC.

The responsible person defined above has responsibility for ensuring that all future serial manufacture of the machinery conforms to the sample submitted for EC type-examination referenced above.

Any changes to the design of the machinery certified here must be advised to CCQS UK Ltd. for re-assessment.

A CE marking should not be fixed to the equipment until the requirements of all relevant directives have been met.

Approved by: **Owen Bian – Quality Manager**

Date: **20.09.2017**

Appointed by UK Government
as a Notified Body
for CE Marking No. 1105

CCQS UK Ltd.,
Level 2, 5 Harbour Exchange Square
London, E14 9GE, UK
Tel: +44 (0) 20 7868 1509
Email: info@ccqs.co.uk
Website: <http://www.ccqs.co.uk>
Registered in England as a Limited Company
No.3912521

If in any doubt about the integrity of this certificate,
please verify it on our website at
<http://www.ccqs.co.uk>



Declaration of Conformity

The equipment that accompanies this declaration is in conformity with EU Directive:
2006/42/EC Machinery Directive

Manufacturer

BendPak Inc.
1645 Lemonwood Dr. Santa Paula,
CA 93060 USA

A copy of the Technical file for this equipment is available from:

CCQS UK Ltd., Level 7, Westgate House, Westgate Rd., London W5 1YY UK

Description of Equipment

Quickjack dual platform portable scissor vehicle lift

BL-3500SLX 1588 kg (3500 lb) capacity serial numbers 06581-00001-00000 to 99999-99999-99999
BL-5000SLX 2268 kg (5000 lb) capacity serial numbers 06581-00001-00000 to 99999-99999-99999
BL-7000SLX 3175 kg (7000 lb) capacity serial numbers 06581-00001-00000 to 99999-99999-99999
BL-5000EXT 2268 kg (5000 lb) capacity serial numbers 06581-00001-00000 to 99999-99999-99999
BL-7000EXT 3175 kg (7000 lb) capacity serial numbers 06581-00001-00000 to 99999-99999-99999

A sample of this machinery has been presented to Notified Body number 1105. CCQS UK Ltd.,
Level 7, Westgate House, Westgate Rd., London W5 1YY UK

Who have issued an EC type-examination certificate number CE-GB-20150427-01-5C dated 2017.09.15. The
equipment in respect of which this declaration is made conforms to the example to which that certificate relates, and
that certificate remains valid.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The following harmonised standards have been used:-

EN1493:2010 Vehicle Lifts

Authorised signatory of manufacturer



Signature:

Name of signatory: Jeffrey S. Kritzer

Position in company: Senior Vice President of Marketing and Sales Place signed:

Santa Paula, CA, USA

Date signed: September 16, 2017



1645 Lemonwood Drive
Santa Paula, CA, 93060 USA