

MaxJax™
5240 Willis Road
Theodore, AL 36582
844-629-5291

MAXJAX®

M6K USER MANUAL

MODEL: M6K

**PORTABLE MID-RISE LIFT
6,000 POUND CAPACITY**

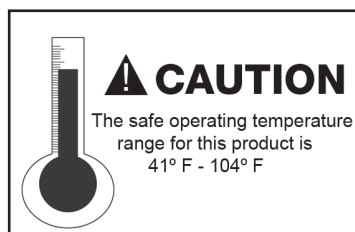


Patent No. US 8.256.577 B2
Patent No. US 9.150.395.B2

Rev B - February 2021
P/N# 5900228



Reference ANSI/ALI ALIOM safety requirements for installation and service of automotive lifts before installing lift.



PLEASE READ THE ENTIRE CONTENTS OF THIS MANUAL PRIOR TO INSTALLATION AND OPERATION. BY PROCEEDING WITH LIFT INSTALLATION AND OPERATION YOU AGREE THAT YOU FULLY UNDERSTAND AND COMPREHEND THE FULL CONTENTS OF THIS MANUAL. FORWARD THIS MANUAL TO ALL OPERATORS. FAILURE TO OPERATE THIS EQUIPMENT AS DIRECTED MAY CAUSE INJURY OR DEATH.

IMPORTANT NOTICE

1. Read this manual thoroughly before installing, operating, or maintaining this Lift.
2. This Lift is designed for indoor use only, and should not be installed in a pit or depression.
3. The floor on which the Lift is to be installed **must be 4" (101mm) minimum thickness concrete, with a minimum compressive strength of 3,000 psi (20 MPa) and reinforced with steel bar.**
4. The Lifts have specific electrical requirements as described in the Installation Instructions section of this manual.
5. This Lift has a minimum ceiling height requirement as described in the Installation Instructions section of this manual.
6. Failure by the owner to provide the recommended shelter, mounting surface, electrical supply, and ceiling height could result in unsatisfactory lift performance, property damage, or personal injury.
7. Do not attempt to install this Lift if you have never been trained on basic automotive lift installation procedures. Reference ANSI/ALI ALIOM requirements for installation and service of Automotive Lifts.
8. Never attempt to lift components without proper lifting tools such as Forklift or Shop Cranes. Stay clear of any moving parts that can fall and cause injury. These instructions must be followed to insure proper installation and operation of your Lift.
9. Dannmar Equipment will assume no liability for loss or damage of any kind, expressed or implied resulting from improper installation or use of this product.
10. This lift is rated to 6,000-lbs lifting capacity. **NEVER EXCEED** rated lifting capacity of Lift.
11. Qualified person must be consulted for seismic loads and other local or state requirements.

DEFINITIONS OF HAZARD LEVELS

Identify the hazard levels used in this manual with the following definitions and signal words.



Hazards or unsafe practices which could result in severe personal injury or death.



Hazards or unsafe practices which may result in minor personal injury, product or property damage.



Hazards or unsafe practices which may result in minor personal injury, product or property damage.

Lubricate all plastic guide blocks, bearings, and shafts with grease prior to operating the lift. Lubricate all on a weekly basis. Motors and all electrical components are not sealed against the weather and moisture. Install this lift in a protected indoor location. Failure by the owner to provide the recommended shelter could result in unsatisfactory lift performance, property damage, personal injury, and may void the warranty.

BE SAFE: YOUR NEW LIFT WAS DESIGNED AND BUILT WITH SAFETY IN MIND. HOWEVER, YOUR OVER-ALL SAFETY CAN BE INCREASED WITH PROPER TRAINING AND THOUGHTFUL OPERATION ON THE PART OF THE OPERATOR. **DO NOT** OPERATE OR REPAIR THIS EQUIPMENT WITHOUT READING THIS MANUAL AND THE IMPORTANT SAFETY INSTRUCTIONS SHOWN INSIDE. KEEP THIS OPERATION MANUAL NEAR THE LIFT AT ALL TIMES. MAKE SURE THAT **ALL USERS** READ AND UNDERSTAND THIS MANUAL.

IMPORTANT SAFETY INSTRUCTIONS

READ THESE SAFETY INSTRUCTIONS ENTIRELY

Do not attempt to install this lift if you have never been trained on basic automotive lift installation procedures. Never attempt to lift components without proper lifting tools such as a forklift or crane. Stay clear of any moving parts that can fall and cause injury.



1. **READ ALL INSTRUCTIONS.**
2. **READ AND UNDERSTAND** all safety warning procedures before operating lift.
3. **KEEP AREA WELL LIGHTED.**
4. **WARNING! RISK OF EXPLOSION.** This equipment has internal arcing or sparking parts which should not be exposed to flammable vapors. This machine should not be located in a recessed area or below floor level.
5. **KEEP CONTROL HANDLES AND / OR BUTTONS** dry, clean and free from grease and oil.
6. **CARE MUST BE TAKEN** as burns can occur from touching hot parts on the hydraulic unit's electric motor.
7. **DO NOT** operate equipment with a damaged power cord or if the equipment has been dropped or damaged until it has been examined by a qualified service person.
8. **DO NOT** let the power cord come in contact with hot manifolds or moving fan blades.
9. **IF AN EXTENSION CORD IS NECESSARY**, a cord with a current rating equal to or more 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.
10. **ALWAYS UNPLUG EQUIPMENT FROM ELECTRICAL OUTLET WHEN NOT IN USE.** Never use the power cord to pull the power plug from the outlet. Grasp the plug and pull to disconnect.
11. **LET EQUIPMENT COOL COMPLETELY BEFORE PUTTING AWAY.** Loop power cord loosely around equipment when storing.
12. **TO REDUCE THE RISK OF FIRE**, do not operate equipment in the vicinity of open containers of flammable liquids (i.e., gasoline).
13. **ADEQUATE VENTILATION SHOULD BE PROVIDED** when working on operating internal combustion engines.
14. **KEEP HAIR, LOOSE CLOTHING, FINGERS, AND ALL PARTS OF THE BODY AWAY FROM MOVING PARTS.**
15. **TO REDUCE THE RISK OF ELECTRIC SHOCK**, do not use on wet surfaces or expose to rain.
16. **USE ONLY AS DESCRIBED IN THIS MANUAL.** Use only manufacturer's recommended attachments.
17. **DO NOT** raise vehicle on the lift until installation is completed as instructed in this manual.
18. **KEEP HANDS AND FEET CLEAR.** Remove hands and feet from any moving parts. Keep feet clear of lift when lowering. Avoid pinch points.
19. **KEEP WORK AREA CLEAN.** Cluttered work areas invite injuries.
20. **CONSIDER WORK AREA ENVIRONMENT.** Do not expose equipment to rain. DO NOT use in damp or wet locations. Keep area well lighted.

21. **ONLY TRAINED OPERATORS** should operate this lift. All non trained personnel should be kept away from work area. Never let untrained personnel come in contact with, or operate lift.
22. **USE LIFT CORRECTLY.** Use lift in the proper manner. Never use lifting adapters other than what is approved by the manufacturer.
23. **DO NOT** override self closing lift controls.
24. **REMAIN CLEAR** of lift when raising or lowering vehicle.
25. **CLEAR AREA** if vehicle is in danger of falling.
26. **ALWAYS ENSURE** that the safety locks are engaged before any attempt is made to work on or near vehicle.
27. **DRESS PROPERLY.** Non skid steel toe footwear is recommended when operating lift.
28. **GUARD AGAINST ELECTRIC SHOCK.** This lift must be grounded while in use to protect the operator from electric shock. Never connect the green power cord wire to a live terminal. This is for ground only.
29. **DANGER!** The power unit used on this lift contains high voltage. Disconnect power at the receptacle before performing any electrical repairs. Secure plug so that it cannot be accidentally plugged in during service.
30. **ALWAYS WEAR SAFETY GLASSES.** Everyday eyeglasses only have impact resistant lenses. They are not safety glasses.
31. **MAINTAIN WITH CARE.** Keep lift clean for better and safe performance. Follow manual for proper lubrication and maintenance instructions. Keep control handles and / or buttons dry, clean and free from grease and oil.
32. **STAY ALERT.** Watch what you are doing. Use common sense. Be aware!
33. **CHECK FOR DAMAGED PARTS.** Check for alignment of moving parts, breakage of parts or any condition that may affect its operation. Do not use lift if any component is broken or damaged.
34. **NEVER** remove safety related components from the lift. Do not use lift if safety related components are damaged or missing.

NOTE: If attachments, accessories, or configuration modifying components that are located in the load path, affect operation of the lift, affect the lift electrical listing or affect intended vehicle accommodation are used on this lift and, if they are not certified for use on this lift, then the certification of this lift shall become null and void. Contact Dannmar Equipment for information pertaining to certified attachments, accessories, or configuration modifying components.



When removing the lift from the shipping angles pay close attention as the posts can slide and can cause injury. Prior to removing the bolts make sure the posts are held securely by a Forklift, Shop Crane, or some other heavy lifting device.

SHIPPING DAMAGE CLAIMS: WHEN THIS EQUIPMENT IS SHIPPED, TITLE PASSES TO THE PURCHASER UPON RECEIPT FROM THE CARRIER. CONSEQUENTLY, CLAIMS FOR THE MATERIAL DAMAGED IN SHIPMENT MUST BE MADE BY THE PURCHASER AGAINST THE TRANSPORTATION COMPANY AT THE TIME SHIPMENT IS RECEIVED.

SAVE THESE INSTRUCTIONS

OWNER / EMPLOYER RESPONSIBILITIES

- Shall ensure that lift operators are qualified and that they are trained in the safe use and operation of the lift using the manufacturer's operating instructions and regional requirements.
- Shall establish procedures to periodically inspect the lift in accordance with the lift manufacturer's instructions and regional requirements. The Employer Shall ensure that lift inspectors are qualified and that they are adequately trained in the inspection of the lift.
- Shall establish procedures to periodically maintain the lift in accordance with the lift manufacturer's instructions and regional requirements, Inspection and Maintenance and The Employer Shall ensure that lift maintenance personnel are qualified and that they are adequately trained in the maintenance of the lift.
- Shall maintain the periodic inspection and maintenance records recommended by the manufacturer and regional requirements.
- Shall display the lift manufacturer's operating instructions; ALI/SM 93-1, ALI Lifting it Right safety manual; ALI/ST-10 ALI Safety Tips card; in a conspicuous location in the lift area convenient to the operator.
- Shall not modify the lift in any manner without the prior written consent of the manufacturer or regional requirements.
- Shall provide necessary lockout/ tagout means for energy sources per ANSI Z244.1-1982 (R1993), safety requirements for the lockout / tagout of energy sources, before beginning any lift repairs.

INSTALLER/OPERATOR: PLEASE READ THE ENTIRE CONTENTS OF THIS MANUAL PRIOR TO INSTALLATION AND OPERATION. BY PROCEEDING WITH LIFT INSTALLATION AND OPERATION YOU AGREE THAT YOU FULLY UNDERSTAND AND COMPREHEND THE FULL CONTENTS OF THIS MANUAL. FORWARD THIS MANUAL TO ALL OPERATORS. FAILURE TO OPERATE THIS EQUIPMENT AS DIRECTED MAY CAUSE INJURY OR DEATH.

- I have visually inspected the site where the lift is to be installed and verified the concrete to be in good condition and free of cracks or other defects. I understand that installing a lift on cracked or defective concrete could cause lift failure resulting in personal injury or death.
- I understand that a level floor is required for proper installation and level lifting.
- I understand that I am responsible if my floor is of questionable slope and that I will be responsible for all charges related to pouring a new level concrete slab if required and any charges.
- I understand that MaxJax Lifts are supplied with concrete fasteners meeting the criteria of the latest version of the American National Standard "Automotive Lifts Safety Requirements for Construction, Testing, and Validation" ANSI/ALI ALCTV and that I will be responsible for all charges related to any special regional structural and/or seismic anchoring requirements specified by any other agencies and / or codes such as the Uniform Building Code (UBC) and / or International Building Code (IBC).
- I will assume full responsibility for the concrete floor and condition thereof, now or later, where the above equipment model(s) are to be installed. Failure to follow danger, warning, and caution instructions may lead to serious personal injury or death to operator or bystander or damage to property.
- I understand that MaxJax is designed to be installed in indoor locations only. Failure to follow instructions may lead to serious personal injury or death to operator or bystander or damage to property or Lift.



Failure to follow danger, warning, and caution instructions may lead to serious personal injury or death to operator or bystander or damage to property.



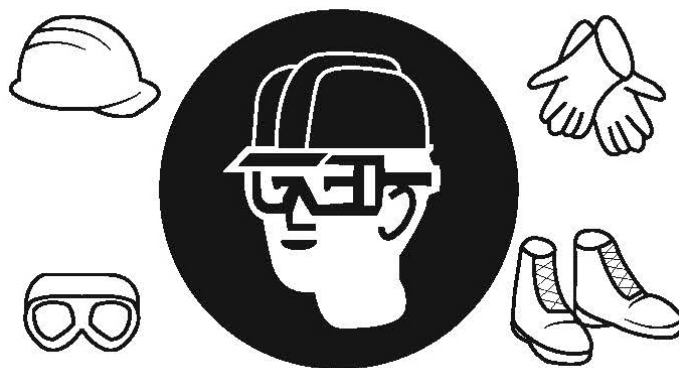
Please read entire manual **prior** to installation. Do not operate this machine until you read and understand all the dangers, warnings and cautions in this manual. For additional copies or further information, contact:

MaxJax™
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Theodore, AL 36582
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INSTALLER / OPERATOR PROTECTIVE EQUIPMENT

Personal protective equipment helps makes installation and operation safer, however, it does not take the place of safe operating practices. Always wear durable work clothing during any installation and/or service activity. Shop aprons or shop coats may also be worn, however loose fitting clothing should be avoided. Tight fitting leather gloves are recommended to protect technician hands when handling parts. Sturdy leather work shoes with steel toes and oil resistant soles should be used by all service personnel to help prevent injury during typical installation and operation activities.

Eye protection is essential during installation and operation activities. Safety glasses with side shields, goggles, or face shields are acceptable. Back belts provide support during lifting activities and are also helpful in providing worker protection. Consideration should also be given to the use of hearing protection if service activity is performed in an enclosed area or if noise levels are high.



INSTALLATION INSTRUCTIONS

TOOLS REQUIRED

- Rotary Hammer Drill or Similar
- 7/8" (22mm) Masonry Bit
- Hammer
- 4 Foot Level (1.5 M)
- Open End Wrench Set: Metric
- Socket and Ratchet Set: Metric
- Hex Key / Metric Allen Wrench Set
- Large Crescent Wrench
- Large Phillips Screwdriver
- Chalk Line
- Medium Phillips Screwdriver
- Tape Measure: 25 Foot (7.5 M) Minimum

IMPORTANT NOTICE

These instructions must be followed to ensure proper installation and operation of your lift. Failure to comply with these instructions can result in serious bodily harm and void product warranty. Manufacturer will assume no liability for loss or damage of any kind, expressed or implied resulting from improper installation or use of this product.

STEP 1 SELECTING SITE

BEFORE INSTALLING YOUR NEW LIFT, CHECK THE FOLLOWING:

1. **LIFT LOCATION:** Always use architects plans when available. Check layout dimension against floor plan requirements making sure that adequate space is available.
2. **OVERHEAD OBSTRUCTIONS:** The area where the lift will be located should be free of overhead obstructions such as heaters, building supports, electrical lines etc.
3. **DEFECTIVE FLOOR:** Visually inspect the site where the lift is to be installed and check for cracked or defective concrete. Do not drill or cut into post tension slab floors. Consult your building architect for more information.



4. **OPERATING TEMPERATURE.** Operate lift only between temperatures of 41° - 104° F (5° - 40 ° C).
5. Lift is designed for **INDOOR INSTALLATION ONLY**.

STEP 2 FLOOR REQUIREMENTS

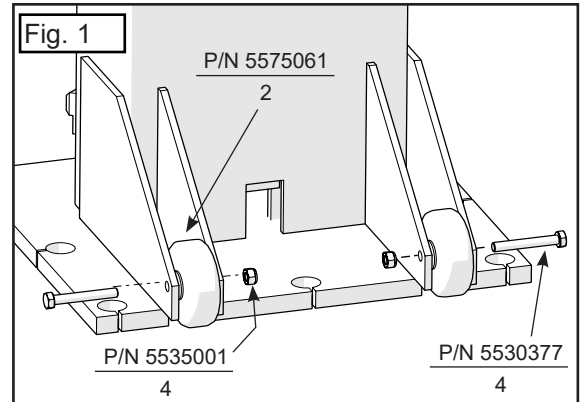
This lift must be installed on a solid level concrete floor **minimum 4" (101mm) thick, compressive strength 3,000 psi (20 MPa) with no more than 3° of slope. FAILURE TO DO SO COULD CAUSE PERSONAL INJURY OR DEATH.**



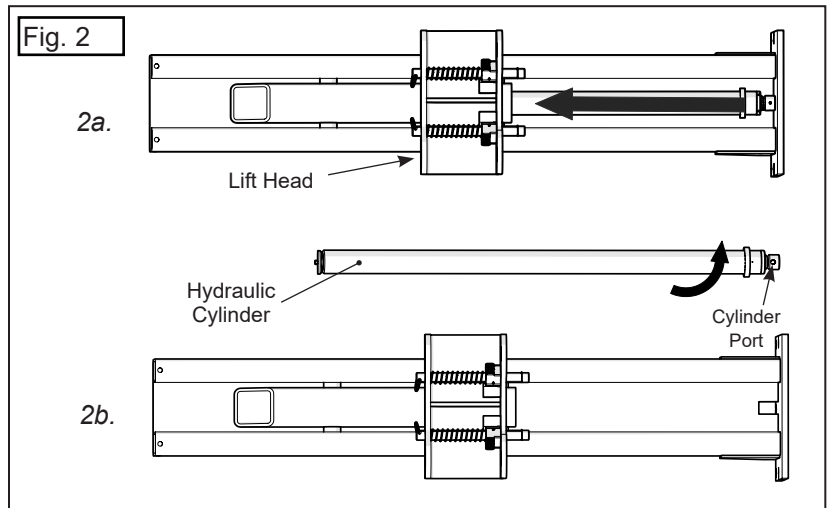
DO NOT install this lift on any asphalt surface or any surface other than concrete.
DO NOT install this lift on expansion seams or on cracked or defective concrete.
DO NOT install this lift on a second / elevated floor without first consulting building architect.
DO NOT install this lift outdoors.

STEP 3 INSTALLING THE HYDRAULIC CYLINDERS

1. Install the Post Wheels (P/N 5575061) using M8x55 Hex Head Bolts (P/N 5530377) and M8 Nylon Nuts (P/N 5535001) onto each Post.
(See Figure 1)



2. Turn the Posts over and lay them down with the open side up. Slide the Lift Head to the top of the Post. Remove the Hydraulic Cylinder from the Post. Rotate Hydraulic Cylinder to access the Hydraulic Cylinder Port. (See Figure 2)
3. Remove the 6mm Allen Bolt and install the Cylinder Fittings. Assemble all Fittings together, including the Quick Disconnect, preferably in a vice. Then, install the Fitting Assembly into the Hydraulic Cylinder. (See Figure 3)

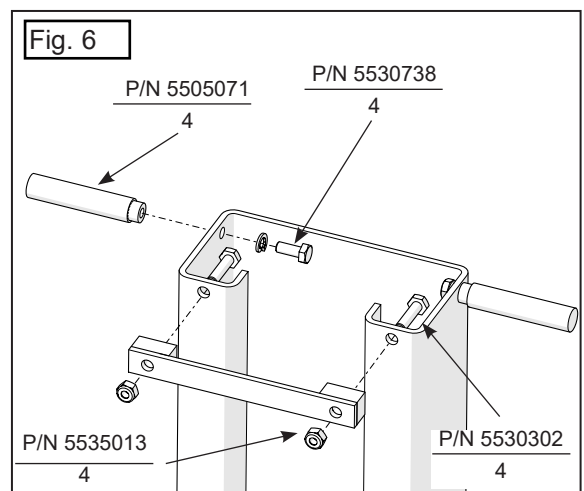
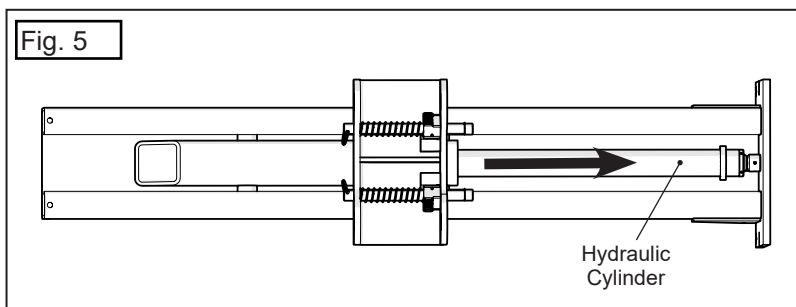
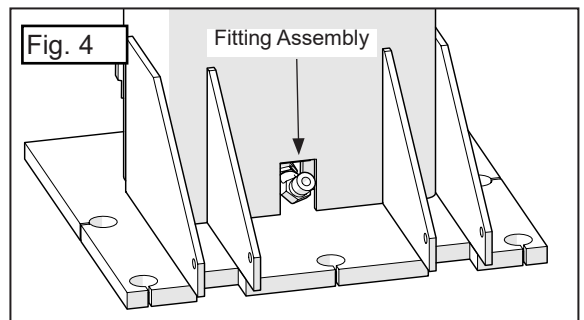
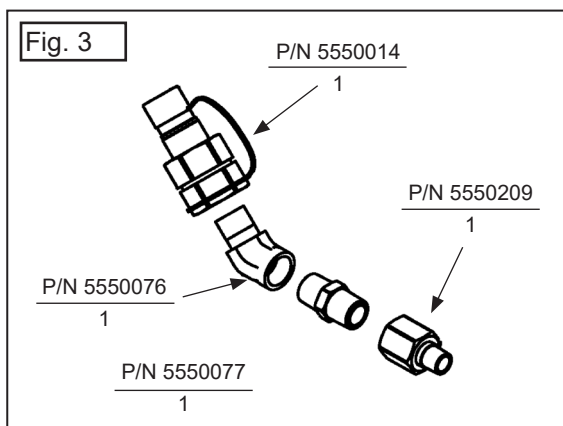


4. Slide the Fitting Assembly through the access hole located on the backside of the Posts. (See figure 4)

5. Slide the Hydraulic Cylinders through the Lift Head tube. (See figure 5)

6. Slide the Lift Head until it rests firmly on the Base Plate, then **carefully** stand up each post.

7. Install the Post Handles (P/N 5505071) with M10 x 25 Hex Head Bolts (P/N 5530738) with M10 Washers (P/N 5545200) and install the Post Straps Assemblies (P/N 5601487) with M10 x 40mm Hex Bolts and M10 Nylon Lock Nuts. (See Figure 6)



STEP 4 MOUNTING THE HYDRAULIC POWER UNIT

1. Assemble the Cart as shown. (See Figure 7)
2. Attach the Power Unit and Hydraulic Flow Divider to the Power Unit Cart using 8 Hex Head Bolts (P/N 5530304) and Nylon Nuts (P/N 5535001). (See figure 8)

NOTE:

Install the Hydraulic Flow Divider so that when facing it from the front, the **OUT** Ports are on the top, and the lower ports are **IN**.

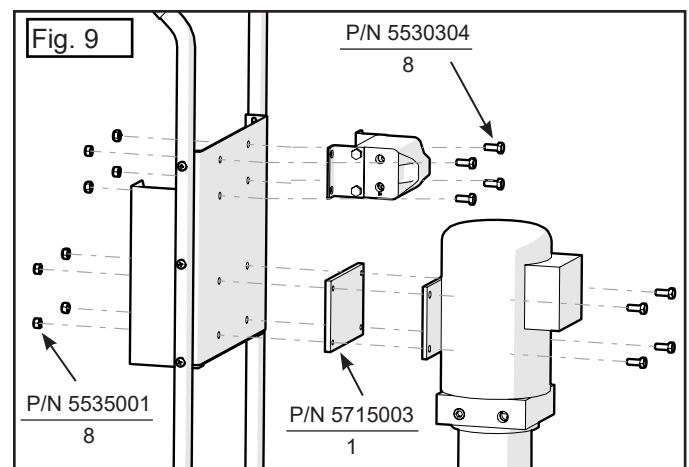
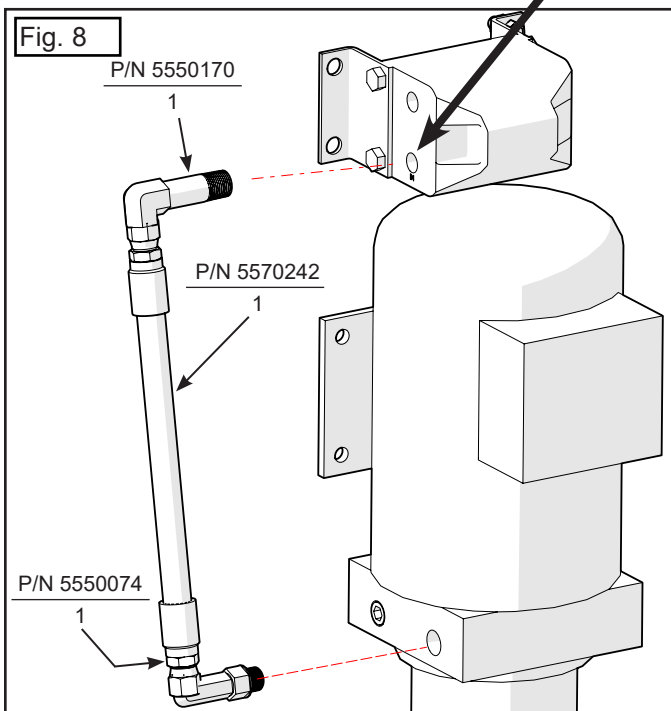
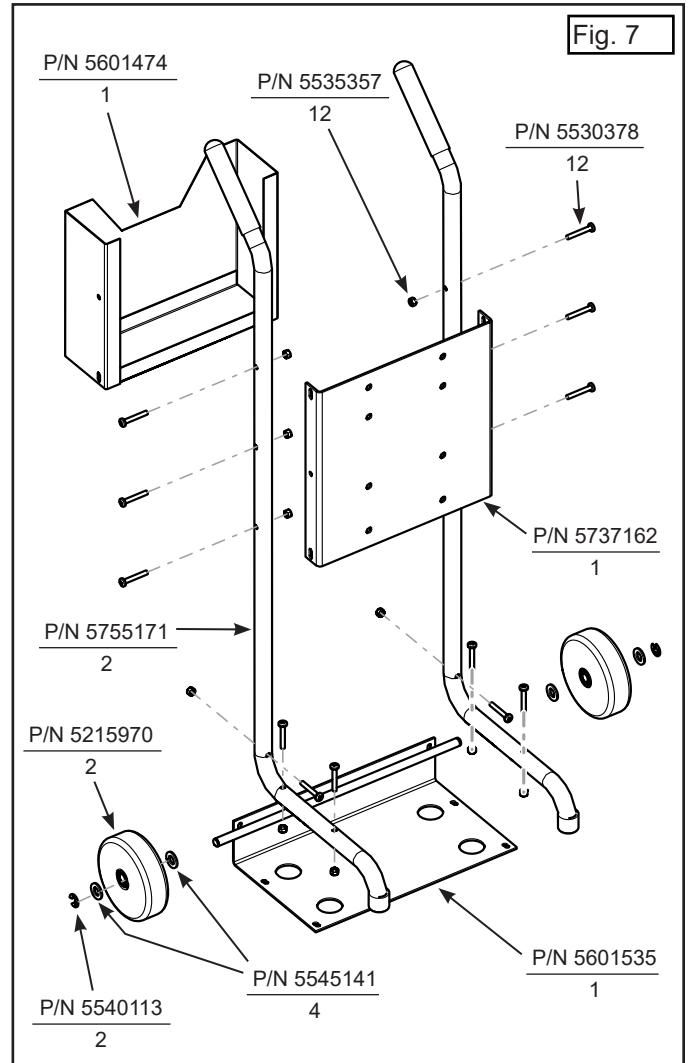
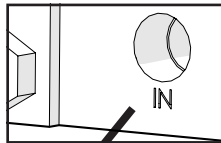
*** SEE FOLLOWING PAGE ***

3. Remove the Shipping Plug from the Lower Left Port stamped "IN" on the Flow Divider. Install the Long 90° Elbow Fitting (P/N 5550170). When tightening the Fitting, hand tighten first and then using a wrench turn approx. 3 turns past tight. (See figure 9)

NOTE:

Use the include Liquid Thread Sealant to seal the connections made to the Hydraulic Flow Divider.
Use Liquid Thread Sealant on NPT threads only.

4. Remove the plastic plug from the **Hydraulic Pressure Port** (usually labeled as **P1 / P2**) on the Power Unit and attach the Long 90° Elbow Fitting (P/N 5550074).
5. Attach the Short Power Unit Hose (P/N 5570242) as shown. DO NOT use Teflon Tape on the JIC Fittings. (See Figure 9)

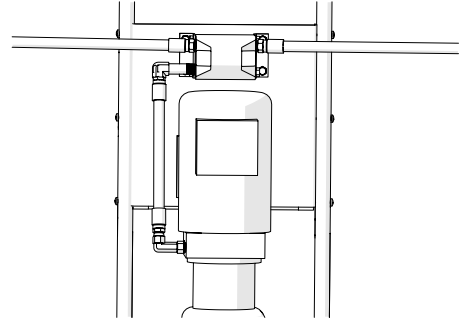
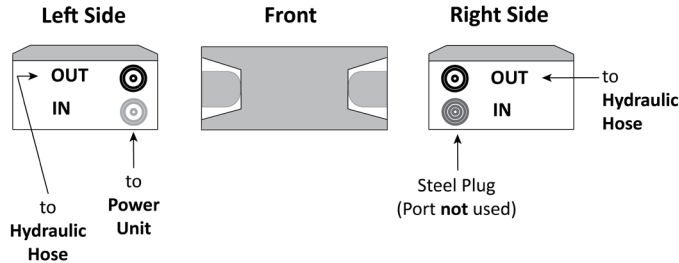


IMPORTANT FLOW DIVIDER INFORMATION

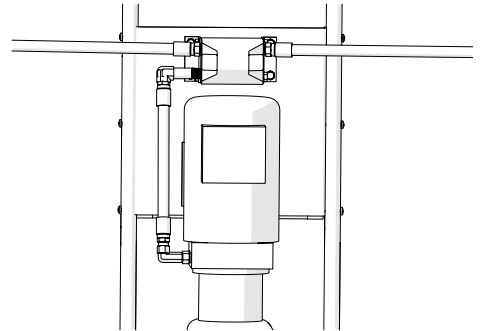
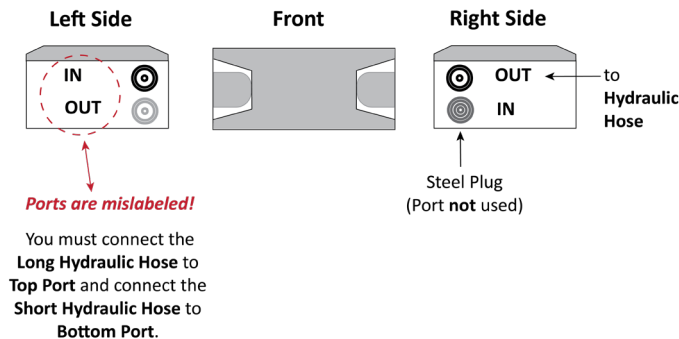
There is a Hydraulic **OUT** Port on either side of the Flow Divider, and a Hydraulic **IN** Port on the lower Ports. Depending on the Flow Divider that came with your Lift, the Ports may be configured differently.

Your Lift will not work right if the Flow Divider is installed incorrectly!

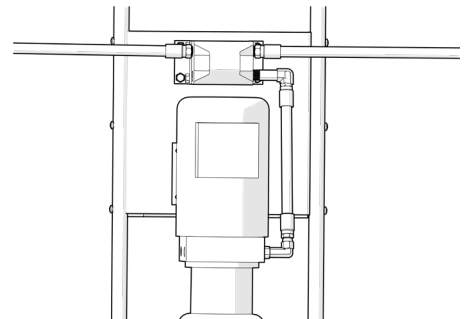
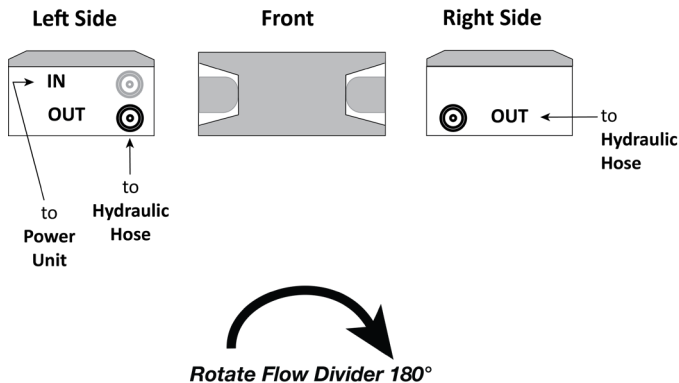
If your Flow Divider looks like the graphic below, connect the two Long Hydraulic Hoses to the top **OUT** Ports, and the Short Hydraulic Hose connects to the **Bottom Left IN** Port.



If your Flow Divider looks like the graphic below, the Left side Ports are **mislabeled**. **Do not connect the Short Hydraulic Hoses to the Top Left Port**. Connect the Short Hydraulic Hose connects to the Bottom Left Port, and two Long Hydraulic Hoses connect to the Top Ports on either side of the Flow Divider.



If your Flow Divider looks like the graphic below, **rotate the Flow Divider 180°** so that the side with an **IN** and **OUT** Port is on the **right** side, and then connect the Short Hydraulic Hose to the Lower **IN** Port; the other end of the Short Hose connects to the Pressure Port on the right side of the Power Unit..



STEP 5 SITE LAYOUT

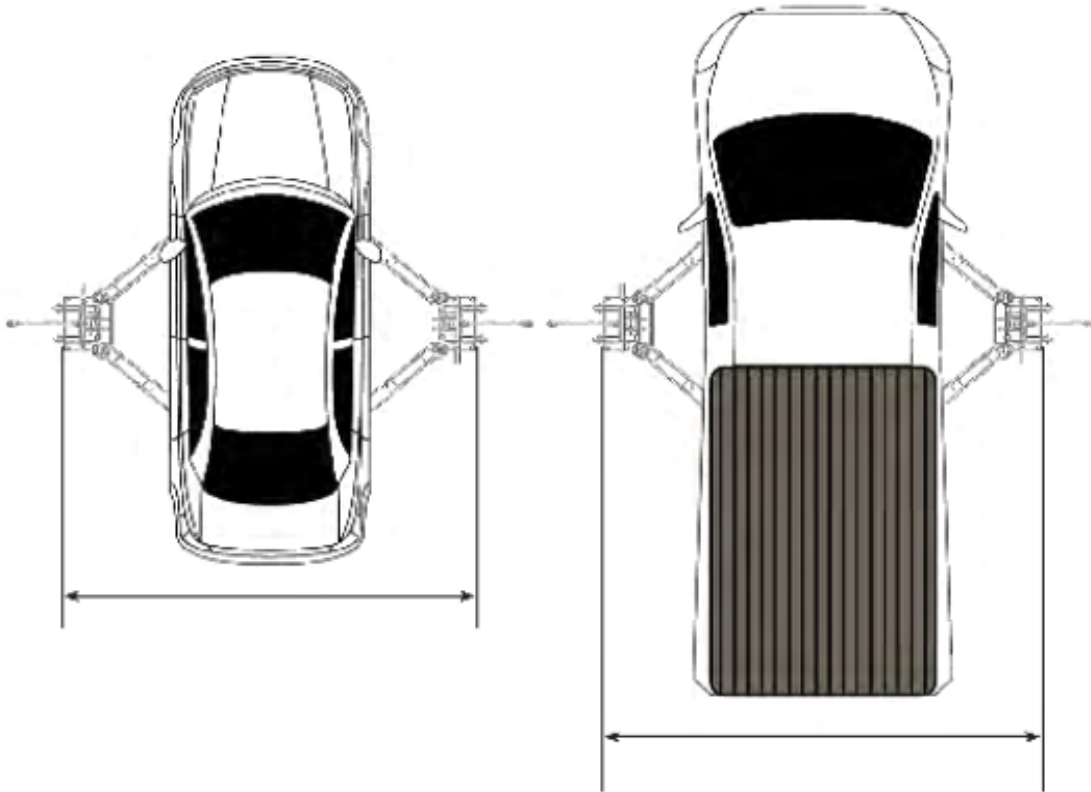
1. Determine the location of where the lift will be installed based on the size of vehicles servicing. The dimensions shown below are rough guidelines. "Dry-fit" the vehicles intended to be serviced in the bay by referring to the ALI Lifting Point Guide for appropriate lift points before finalizing the column spacing.

Typical Width (outside edge of Base Plate): 105" (2,667 mm) - 135" (3,429 mm)

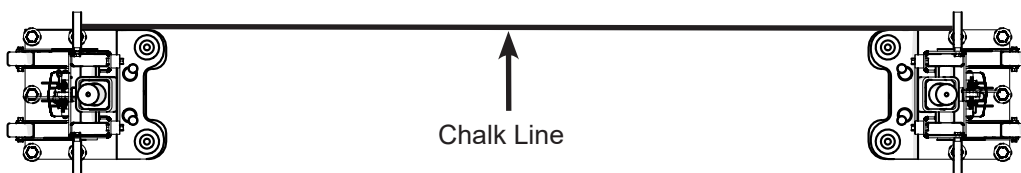
2. Once a location is determined, use a carpenters chalk line to layout a grid for the post locations. Keep all dimensions and squareness within 1/8" or malfunctioning of the lift can occur.
3. After the Post locations are properly marked, use a chalk or crayon to make an outline of the Columns on the floor at each location using the post base plates as a template.
4. Double check all dimensions and make sure that the layout is perfectly square.

NOTE: Wide or narrow installation is possible. The Lift can be installed at a width that suits the vehicles you will be raising. You may even choose to install additional anchors at varied Column positions for adaptability to multiple Vehicle configurations.

5. Recommended bay dimensions 20' deep and 14' wide.
6. Clearance around Lift should be 3". Clearance above lift must exceed height of top of raised Vehicle.



Use the edge of the Base Plate to line up the Posts along the chalk line.



STEP 6 INSTALLING THE ANCHORS

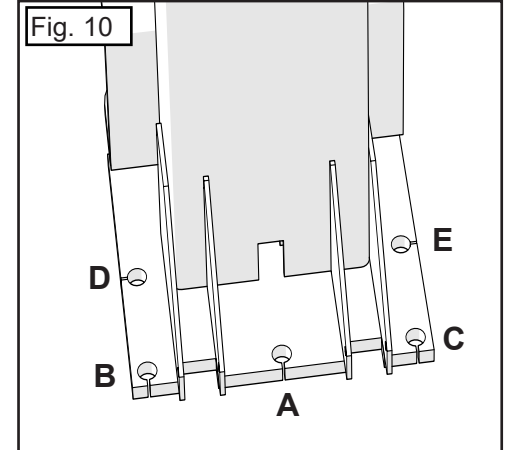
Before proceeding, verify location, measurements, and that the Base Plates are aligned with the Chalk Lines (**Figure 10**).

The concrete must be minimum of 4" (101mm) thick with a minimum compressive strength of 3000 psi (20 MPa).

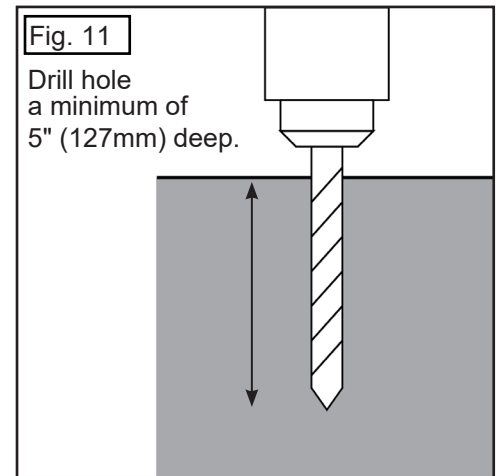
Follow the procedure **exactly** for proper fitting and alignment of Anchors.

1. Use the Base Plate as a guide. Using a rotary hammer drill with a 7/8" concrete bit, drill the concrete for each anchor to a **minimum depth of 5"**. (See figure 11)

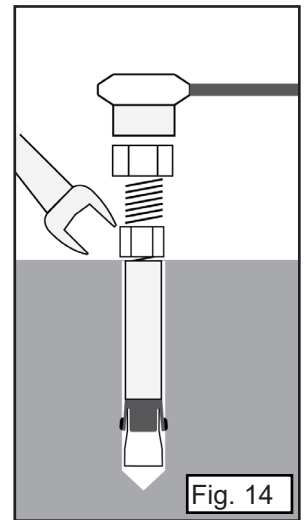
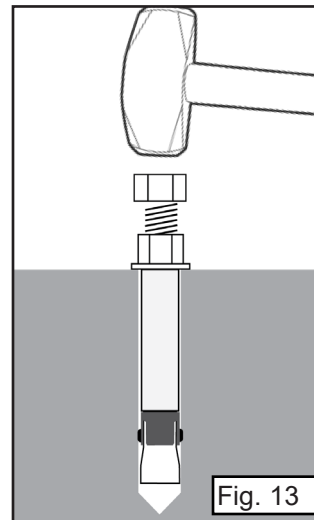
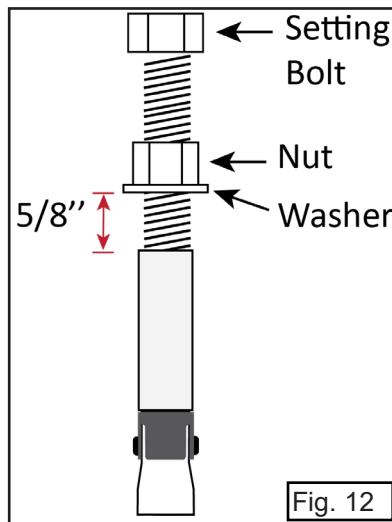
Do **not** ream the hole or allow the drill to wobble. Use caution to not move the Posts when drilling through the Posts. We recommend having someone secure or stand on the Post. Repeat for all holes on both Posts and then move the Posts out of the way. After drilling, thoroughly clean hole using a vacuum cleaner or compressed air and a nylon brush.



- NOTE:** The drill will break through the bottom when drilling 5" in a 4" concrete slab. This is an approved practice with these Anchors.
2. Set the Anchor Embedment Depth: Fully thread the 5/8" Setting Tool (P/N 5530405) with Nut (P/N 5535100) and Washer into the Anchor. Set the distance between the top of the Anchor and the bottom of the Washer to 5/8". (See figure 12)
 3. After setting the Nut and Washer, place the Anchor into the hole and hammer downward on the Setting Tool until the Washer is flush with the surface of the concrete. (See figure 13)
 4. To set the Anchor, tighten the Nut while holding the Bolt head (to ensure the anchor does not spin in place). Do **not** use an impact wrench for this step. Tighten to reach an installation torque of 90 ft-lbs. (See figure 14)
 5. Once the Anchor is set, remove the Setting Tool and clear the Anchor with compressed air to remove any concrete dust from the threads.



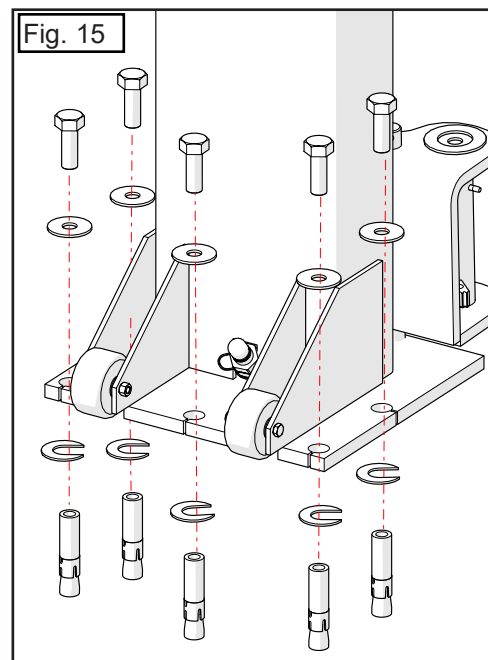
NOTE: Always wear safety glasses. Follow drill manufacturer's instructions. Use only solid carbide-tipped drill bits meeting ANSI B212.15 diameter standards.



7. Install both Posts with Bolts and Washers to Anchors, check plumb and measurements as shown below.
8. If shimming is required, insert the shims as necessary under the base plate so that when the provided 5/8 x 2" Anchor Bolts are tightened, the Posts will be plumb both side to side and front to rear. **(See figure 15)**
9. With the Shims and Anchor Bolts in place, tighten all 5/8 x 2" Anchor Bolts tight to the Base Plate. **DO NOT USE AN IMPACT WRENCH** or the Anchors could become compromised.

NOTE:

It will be helpful to mark on or otherwise note the location of shims used at each drop anchor to assist at time of re-installation.



⚠ WARNING

Inspect all Drop-in Anchors for proper setting and or damage each time the Lift is re-installed. Inspect the concrete for cracks defects and/or damage. Do not re-install the Lift if any of the drop-in anchors are defective or the concrete is cracked or defective.

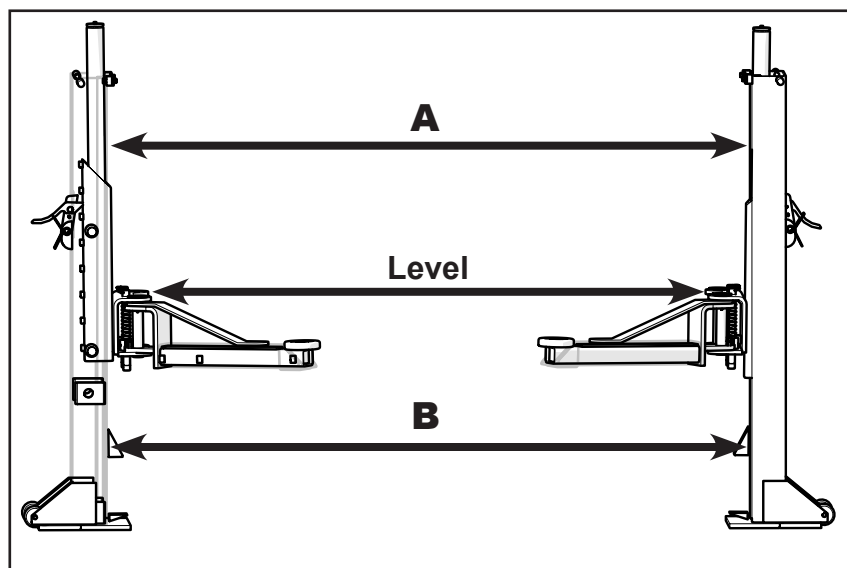
⚠ WARNING

It may be necessary to shim the Posts to ensure that the Posts are plumb. The Posts must be plumb and square or damage or injury may occur when using the lift. Do not exceed 1/8" total shim thickness.

⚠ WARNING

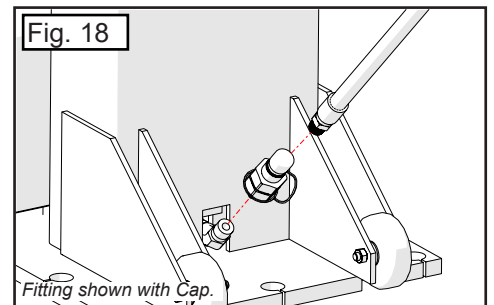
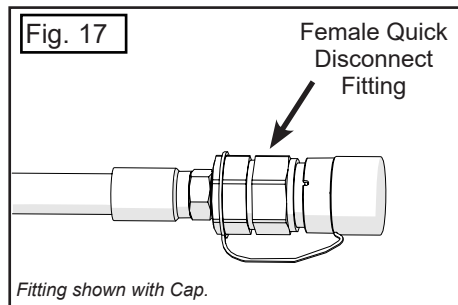
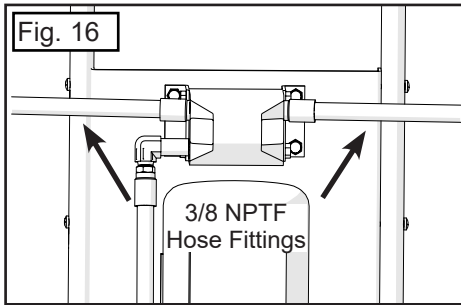
IMPORTANT LEVELING INSTRUCTIONS

Before operating your lift, check to make sure both "A" and "B" measurements are equal. The lift arms must be level before operation. If your lift arms are not level, shim the Posts as required.



STEP 7 CONNECTING THE HYDRAULIC HOSES

1. Thread one end of the 3/8 NPT Hose Fittings into one of the Top **Out** Ports on the Flow Divider. Do this with both Hoses. Apply Liquid Thread Sealant to the NPT threaded ends only. **(See figure 16).**
2. Install the Female Quick Disconnect fittings to the opposite end of each Hose. Recheck all fitting connections to make sure they are properly tightened before proceeding. **(See Figure 17)**
3. Position the Power Unit Stand at the front or rear of the Vehicle.
4. Connect the Female Quick Disconnect fitting to the Male Quick Disconnect located at the bottom of each Post. **(See figure 18)**



STEP 8 HYDRAULIC POWER UNIT SET UP

1. Fill the Power Unit Reservoir with 7 quarts (6.6 L) of AW-32 hydraulic oil or Dexron III or VI automatic transmission fluid. Make sure the funnel used to fill the power unit is clean. After bleeding the cylinders, check the oil level to see if additional oil is needed to ensure the reservoir is full.
2. The Lift should be plugged into a dedicated circuit with a 20 amp circuit breaker. The standard Power Unit for this Lift is:
 - **US: 110V, 60Hz, single phase**
 - **CE: 230V, 50Hz, single phase**



ALL WIRING MUST BE PERFORMED BY A CERTIFIED ELECTRICIAN ONLY.



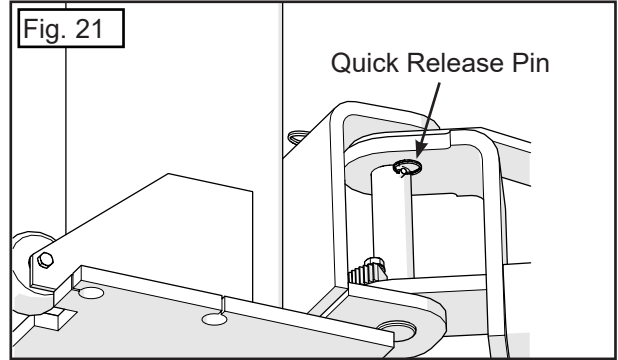
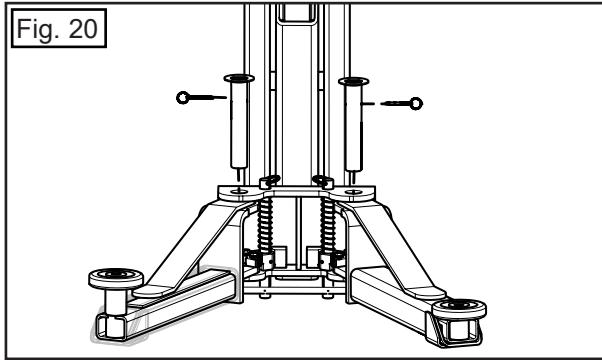
RISK OF EXPLOSION

This equipment has internal arcing or parts that may spark and should not be exposed to flammable vapors. The motor should not be located in a recessed area or below floor level.

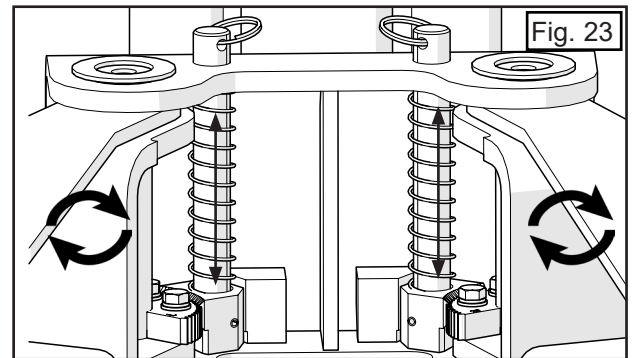
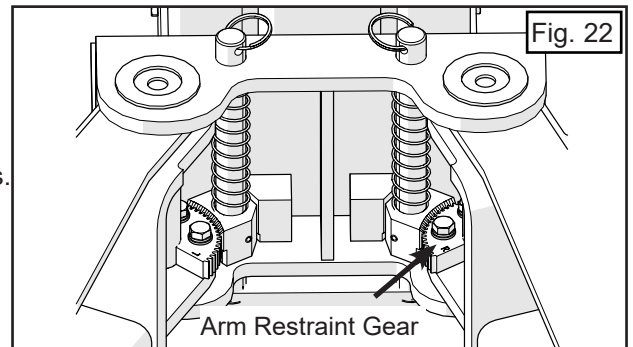
- Do **not** run Power Unit without oil. Damage to pump can occur.
- The Power Unit **must** be kept dry. Damage to Power Unit caused by water or other liquids such as detergents, acid etc., is not covered under warranty.
- Improper electrical hookup can damage the motor and will not be covered under warranty.
- Motor can not run on 50hz without a physical change in the motor. (US - only)
- Use a separate breaker for each power unit.
- Protect each circuit with a time delay fuse or circuit breaker. (US-only)

STEP 9 INSTALLING THE LIFT ARMS

1. Place the Lift Arm Assembly on the Lift Heads. Install the Lift Head Pins into the Lift Head and through the holes in the Arm Assembly. Install the Quick Release Pin into place on the Arm Pin. (See figure 20 and 21)



2. Raise the Lift high enough so that the Arm Gear stops. Attempt to automatically engage the Restraint Gears on the Arms.
3. Loosen the Arm Restraint Gear Ring Bolts and adjust the Arm Restraint Gears so that the teeth on the gear ring mesh smoothly with the teeth on the gears of the Arm Gear stop. (See figure 22)
4. Tighten the Gear Ring Bolts.
5. Verify the operation of the arm gear stops by pulling up on the key ring of the arm gear stops. Pivot the arms back and forth and test the operation of the arm gear stops in various positions. When releasing the arm gear stop, the pin should drop and the gears should engage. (See figure 23)
6. Ensure that the arms do not move when a force of at least 100 pounds is applied laterally to the fully extended arms. If they move, readjust the arm restraint gear ring and/or tighten the arm restraint gear ring bolts.
7. Adjust the gear ring on the arm as necessary to ensure smooth operation and solid engagement of all four arm restraint pins.

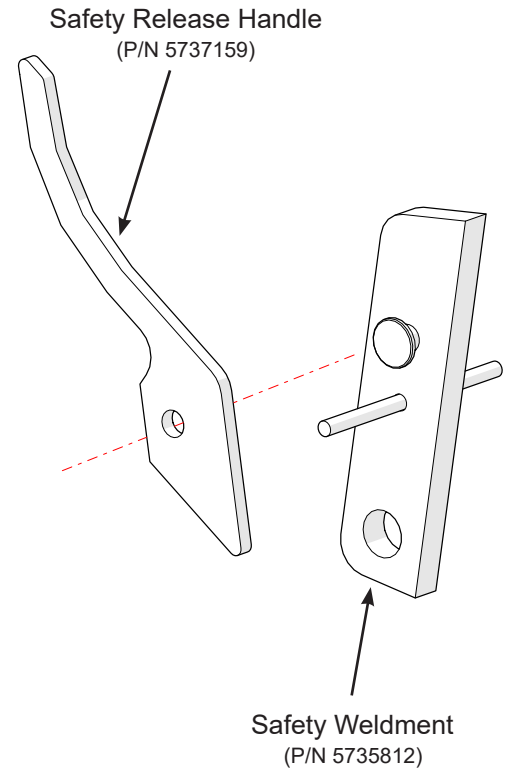
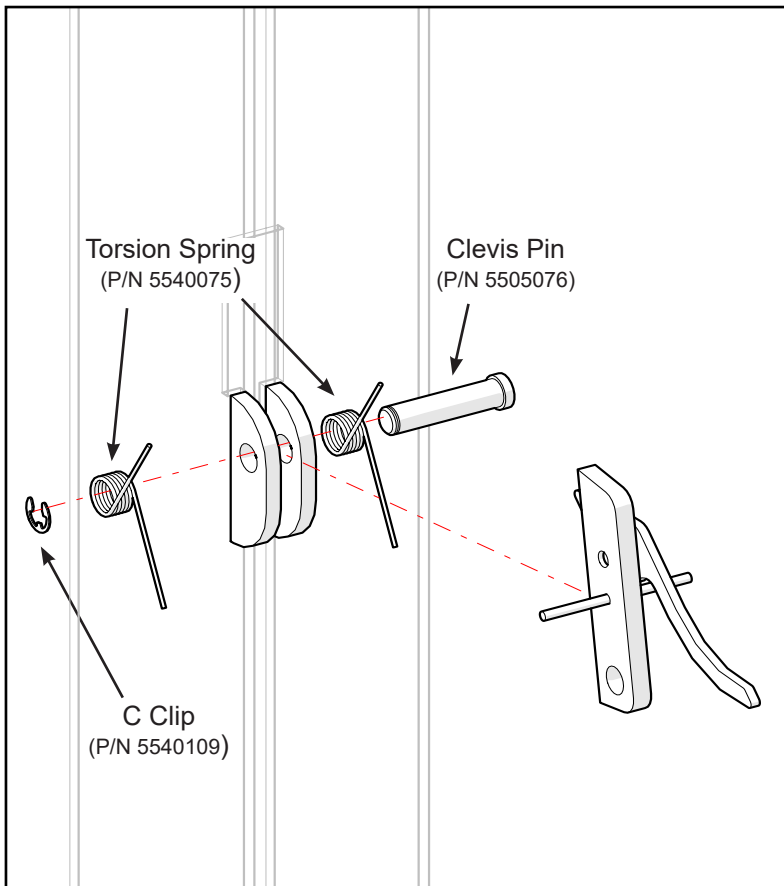


Each arm restraint assembly must be inspected and adjusted as needed before each and every time the Lift is operated. Do not operate the Lift if any of the four arm restraint systems are not functioning properly. Replace any broken components or components with broken teeth only with authorized or approved replacement parts.

STEP 10

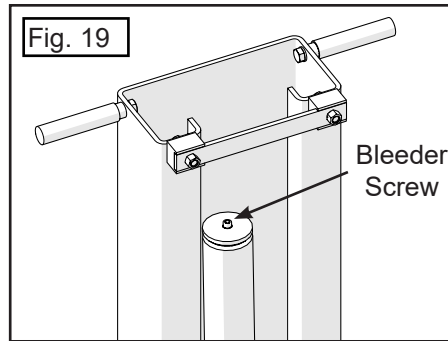
INSTALLING THE SAFETY RELEASE ASSEMBLIES

1. Install the Safety Release Handle on the Safety Weldment Pin.
2. Slide the Safety Release Assembly onto the Safety Release Plate on the Post.
3. Insert the Clevis Pin through the Torsion Spring.
4. Insert the Clevis Pin through the Safety Weldment and the Release Plate.
5. Insert the second Torsion Spring on to the Clevis Pin.
6. Attach the C Ring to the Clevis Pin.
7. Repeat Steps 1 through 6 for the other Post.



STEP 11 BLEEDING THE CYLINDERS

1. Perform the following procedure with no weight on the Lift.
2. The Lift should be fully lowered before proceeding.
3. Carefully check around and under the Lift for any obstructions. Clear any obstructions before proceeding.
4. Connect the Hydraulic Hoses and make sure the Hydraulic Fluid Reservoir is full.
5. Loosen, **but do not remove**, the bleeder screws on the top of each Hydraulic Cylinder using a hex wrench.



6. With no weight on the Lift, raise the Lift to its maximum height and check the Bleeder Screws for air bubbles or oil escaping as the Lift is rising. Air will continue to exist from the loosened bleeder screws.
7. After the Lift reaches its maximum height, keep pressing the **UP** button for another 3 seconds.
8. Immediately return to the Hydraulic Cylinders and re-tighten both Bleeder Screws.
9. Lower the Lift back down to the ground.
10. Repeat the procedure until you have purged the air out and the Lift maintains level lifting and lowering.

STEP 12 LIFT START UP / FINAL ADJUSTMENTS

DURING THE START-UP PROCEDURE, OBSERVE ALL OPERATING COMPONENTS AND CHECK FOR PROPER INSTALLATION AND ADJUSTMENT. DO NOT ATTEMPT TO RAISE VEHICLE UNTIL A THOROUGH OPERATIONAL CHECK HAS BEEN COMPLETED.

1. Apply white lithium grease or equivalent to the inside of the Posts where the Slide Blocks glide.
2. Test the Power Unit by pressing the **UP** Button. Raise the Lift a few inches and check all Hose connections for leaks. If the motor gets hot or sounds peculiar, stop and check all electrical connections. Check the Hydraulic Fluid Reservoir for sufficient fluid.
3. Raise the Lift to its maximum height off the floor until the Lift Head stops.
4. Lower the Lift down below the first safety stop.

POST INSTALLATION CHECK OFF

- | | |
|---|--|
| ☐ Columns are properly leveled | ☐ Check for overhead obstructions |
| ☐ Anchor bolts are tightened | ☐ Lift arms are level |
| ☐ Electric power supply confirmed | ☐ Arm restraints properly adjusted |
| ☐ Check for hydraulic leaks | ☐ All screws, bolts, and pins are secured |
| ☐ Check oil level | ☐ Surrounding area is clear |
| ☐ Lubrication of critical components | ☐ Operation, maintenance and safety manuals on site |

LIFT OPERATION SAFETY

- **NEVER** exceed rated capacity of 6,000-lbs.
- Tighten all Anchor Bolts prior to operation. If Anchor Bolts are loose, or any component of the Lift is defective, ***do not use the Lift.***
- **DO NOT** remove or disable arm restraints.
- **DO NOT** block, open or override self-closing Lift controls; they are designed to return to the "Off" or Neutral position when released.
- **ALWAYS** inspect all Quick-Connect/Disconnect Hose ends before any attempt is made to raise vehicle.
- **ALWAYS** be sure to have proper overhead clearance.
- **ALWAYS** load vehicle on Lift carefully. Position the contact pads according to the vehicle manufacturer's recommended lift points. Raise Lift until lift pads contact vehicle. Check pads for secure contact with the vehicle.

NOTE: Refer to ALI Quick Reference Guide for all point recommendations, dangers, and safety data.

- **ALWAYS** remain clear of Lift when raising or lowering vehicles.
- **DO NOT** use Lift if an unlevel lifting condition occurs that is greater 3.5" (89 mm).
- **DO NOT** rock the Vehicle or remove heavy components while on the Lift that may alter weight distribution
- **ALWAYS** ensure Safety Locks are engaged before any attempt is made to work on or near Vehicle.
- **NEVER** go under raised vehicle if Safety Locks are not engaged.
- **ALWAYS** remove tool trays, stands, etc. before lowering Lift.
- **ALWAYS** release Safety Locks before attempting to lower Lift.
- **ALWAYS** move the Lift Arms to provide an unobstructed exit before removing Vehicle from Lift area.
- **NEVER** drive over the Lift Arms.



VISUALLY CONFIRM THAT ALL SAFETY LOCKS ARE ENGAGED BEFORE ENTERING WORK AREA. SUSPENSION COMPONENTS USED ON THIS LIFT ARE INTENDED TO RAISE AND LOWER LIFT ONLY AND ARE NOT MEANT TO BE LOAD HOLDING DEVICES. REMAIN CLEAR OF ELEVATED LIFT UNLESS VISUAL CONFIRMATION IS MADE THAT SAFETY LOCKS ARE FULLY ENGAGED AND THE LIFT IS LOWERED ONTO THE SAFETY LOCKS, REFER TO OPERATION MANUAL FOR PROPER SAFETY LOCK PROCEDURES AND/OR FURTHER INSTRUCTIONS.

WHEN LOWERING THE LIFT PAY CAREFUL ATTENTION THAT ALL PERSONNEL AND OBJECTS ARE KEPT CLEAR. ALWAYS KEEP A VISUAL LINE OF SITE ON THE LIFT AT ALL TIMES. ALWAYS MAKE SURE THAT ALL LOCKS ARE DISENGAGED. IF ONE OF THE LOCKS INADVERTENTLY LOCKS UPON DESCENT THE VEHICLE MAY DISMOUNT CAUSING PERSONAL INJURY OR DEATH.

STEP 13 LIFT OPERATION

BE SURE TO READ ALL SAFETY TIPS PRIOR TO OPERATING LIFT. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH.

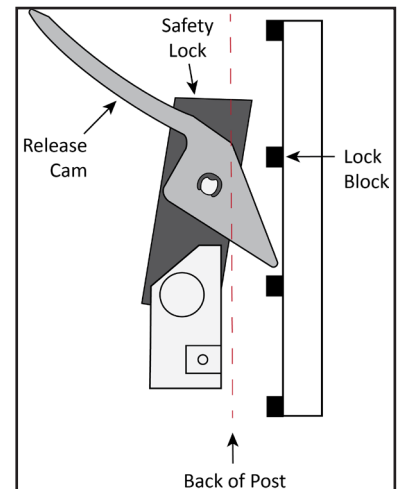
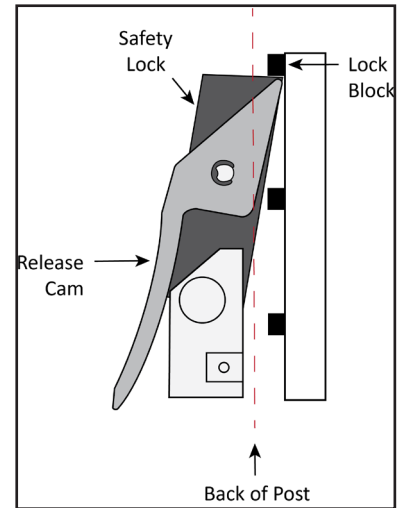
TO RAISE A VEHICLE:

1. Center the Vehicle between Posts. Adjust Vehicle front-to-back so the center of gravity falls in the middle of the Posts.
2. Position lift contact pads at manufacturers recommended lifting points.
3. Before raising a Vehicle, make sure all personnel are clear of the Lift and surrounding area. Pay careful attention to overhead clearances.
4. Raise the Lift by pressing the Raise button on Power Unit until contact pads make contact with the underside of Vehicle.
5. Verify the Vehicle is secure and Arm Restraint Locks are engaged on all four Arms.
6. After the Vehicle is raised to the desired height, press the Lowering Handle until the Lift stops evenly on the Safety Locks. **(See figure 25)**
7. When raising the Lift, always keep a visual line of site on the Lift.

***NOTE:** Refer to ALI Reference Guide for all lift point recommendations and safety data.

TO LOWER A VEHICLE:

1. Before lowering a Vehicle, be sure all personnel are clear of the Lift and surrounding area. Make sure all tools and equipment have been cleared from under the Lift.
2. Raise the Lift off of the Safety Lock by pressing the Raise button on the Power Unit. Make sure you raise the Lift by **at least one inch** from the Safety Lock to allow adequate clearance.
3. Disengage the Safety Lock on each Post by pulling up the Release Handle. **(See figure 26)**
4. Press and hold the Lowering Handle on the Power Unit until the Lift has descended completely and all four Arm Restraint Gears are completely released.
5. When lowering the Lift, pay careful attention that all personnel and objects are kept clear. Always keep a visual line of site on the Lift at all times.



WEEKLY MAINTENANCE

- Lubricate all moving parts with a white lithium grease.
- Check all connections, bolts and pins to insure proper mounting.

MONTHLY MAINTENANCE

- Make a visual inspection of all moving parts and check for excessive signs of wear.
- Check condition of lift pads and adapters.
- Check condition of arm restraints. Adjust as necessary.
- Inspect all bolts, pins and anchor bolts.
- Replace all faulty parts before lift is put back into operation.

STEP 14

LIFT REMOVAL

1. Press and hold the Lowering Handle on the Power Unit.
2. Ensure that the Lift is lowered all the way to the ground and hydraulic pressure is relieved.
3. Disconnect the Power Unit from the power source and / or ensure that the power to the circuit is shut off to prevent accidental powering on of the Lift while disassembling.
4. With a cloth in hand to collect weeping fluid, disconnect the Cylinder Hoses from the Cylinder. Hoses can be coiled and stored on the Power Unit Cart.

WARNING

Before removing cylinder hoses, always ensure that the hydraulic pressure has been relieved from the system by depressing the lowering valve until the Lift is fully lowered or the raised load is fully settled onto the safety lock blocks. Never connect or disconnect hoses with the lift in an elevated position.

DANGER

Do not perform any maintenance or installation of any components without first ensuring that electrical power has been disconnected at the source or panel and cannot be re-energized until all maintenance and/or installation procedures are completed.

5. Be careful to clean up any spilled hydraulic fluid that may drip from the Hose assemblies.
6. Remove the Lift Arm Assemblies.
7. Loosen the Anchor Bolts. Be careful not to disturb the Post until ready to move the Post.
8. Move the Post to your storage area. Secure with straps or other device to prevent any accidental tipping or movement of the Posts during storage.
9. Insert an Anchor Plug (P/N 5530412) in each Anchor Sleeve in the ground, to prevent the Anchor Sleeves from filling with debris while the Posts are in storage.

STEP 15

RE-INSTALLATION

1. Clear installation area of debris, tools and equipment.
2. Remove the Anchor Plugs and blow out the mounting holes with compressed air or clean with a nylon brush.
3. Inspect the drop in anchors for proper setting and the concrete for defects and / or damage.
4. Line up the holes of the Base Plates with the Anchors. Re-shim the lift as required to ensure the Lift is installed level.
5. With the Shims and Anchor Bolts in place, tighten all Anchor Bolts tight to the base plate. **DO NOT USE AN IMPACT WRENCH FOR THIS PROCEDURE.**
6. Follow all procedures as outlined in STEPS 8 - 12 (Hydraulic Power Unit Set Up - Lift Start Up/Final Adjustments).

WARNING

You **must** inspect all Drop in Anchors for proper setting and or damage each time the Lift is re-installed. Inspect the concrete for cracks defects and/or damage. Do not reinstall the Lift if any of the drop in anchors are defective or the concrete is cracked or defective.

DANGER

The Lift must be re-leveled, shimmed and bled each time the lift is reinstalled. Failure to do so may result in injury or death.

TROUBLESHOOTING GUIDE



BE SAFE: DO NOT OPERATE OR REPAIR EQUIPMENT WITHOUT READING THIS MANUAL AND THE IMPORTANT SAFETY INSTRUCTIONS. KEEP THIS OPERATION MANUAL NEAR THE LIFT AT ALL TIMES. MAKE SURE THAT **ALL USERS READ AND UNDERSTAND THIS MANUAL.**

NOTE: If your Lift is not functioning correctly, you must take it out of service.

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

⚠ WARNING

The Lift uses electrical energy; if your organization has Lockout/Tagout policies, make sure to implement them before performing any troubleshooting.

Issue	Action to Take
Lift does not go up or down.	Make sure there is sufficient Hydraulic Fluid in the Reservoir. Make sure the Power Unit is connected to an appropriate power source. Make sure there is no air in the Hydraulic System. Make sure none of the Hydraulic Hoses are pinched or leaking. If the Hydraulic Fluid is dirty, replace it with clean fluid.
Arms move erratically or squeaks when in use.	Move the Arms up and down a few times, with a break between each; there could be residual air in the Hydraulic System.
Lift does not stay up.	Make sure to leave the Lift engaged on both Safety Locks. Check for Hydraulic Fluid leaks.
Vehicle on the Lift is not level.	Make sure Lift is engaged on Safety Locks at the same height. Make sure the Safety Locks in both Posts are engaged. If the Lift is not on a Safety Lock, carefully lower the Vehicle back down to the ground and raise it again.
Motor is not running.	Check connection to power source; make sure it is plugged in to the appropriate voltage. Verify circuit breaker or fuse is not tripped. Check wiring diagram.
Lift is making odd noises when in use.	Lubricate hinge points using white lithium grease.

If you continue to have problems with your Lift, take it out of service, then contact your dealer, visit **maxjax.com/support**, via email **support@maxjax.com**, or call **(844) 629-5291**.

GENERAL DISCLAIMER

In addition to all claims listed on each of the individual WARRANTY pages, the following GENERAL DISCLAIMERS apply.

1. The purchaser of any MaxJax product (Buyer) assumes the risk of verifying all materials or resources used or relied on. In no event will MaxJax be liable to the Buyer or to anyone else for any decision made or action taken in reliance on information obtained from any MaxJax website or from any MaxJax dealer, or third-party website, or any online or published catalog.
2. MaxJax has exclusive title and ownership rights including all intellectual property right throughout the world for all material and content contained on any MaxJax website or from any MaxJax online or published catalog.
3. MaxJax warrants that all products shown on any MaxJax website or in any online or published catalog conform to MaxJax published specifications only and are free from defects in material or workmanship as more fully set forth in the Warranty for the specific product.
4. MaxJax websites may contain hypertext or other links to websites not owned or controlled by MaxJax. Links to other computer systems or websites are not supervised nor regularly reviewed by MaxJax. MaxJax specifically disavows legal responsibility for any information, personal opinions, guidance, advice or instruction that a Buyer receives from others or other websites.
5. Materials, design, specifications, images and other content from any MaxJax website, or any other MaxJax affiliate or dealer website, or any MaxJax online or published catalog are subject to change. MaxJax takes no responsibility for improper use or any results thereof. MaxJax reserves the right to make changes to all published warranties, website content, or published content without incurring any obligation to notify the Buyer or public that changes were made.
6. MaxJax products are provided and sold as is without any express or implied warranties including warranties of merchantability or fitness for particular purpose, other than the published written limited Warranty for the specific product or as required by law.
7. MaxJax makes no promises, guarantees or assurances that our products meet any state, county, federal or international mandated permit, license, code, standard, certification, or any other mandate other than what is listed or shown on MaxJax website(s), or any MaxJax online or published catalog. Not all MaxJax lift products meet the standards as prescribed by ANSI/ALI ALCTV-(current edition) or ANSI/UL 201. Consult www.autolift.org for a complete list of lift models that meet ANSI/ALI ALCTV-(current edition) or ANSI/UL 201, or contact MaxJax via contact@maxjaxusa.com. Buyer assumes full responsibility for any state, county, federal or international mandated permit, license, code, standard, certification, or any other mandate required related to the installation and/or operation at any MaxJax product. MaxJax will not be responsible for any charges, fines, liens, or other levies imposed on the Buyer related to any special or regional structural, seismic or any other building code and/or codes such as the Uniform Building Code (UBC), International Building Code (IBC) or any other state, county, federal or international mandated permit, license, code, standard, certification, or other mandate, law, rule, regulation or directive by any other agency, government, administrations, or corporations whether state, county, federal, or international mandated.
8. In no event will MaxJax be liable for any special, incidental, or consequential damages based on breach of warranty, breach of contract, negligence, strict tort, or any other legal theory. Damages that MaxJax will not be responsible for include, but are not limited to: loss of profits; loss of savings or revenue; loss of use of the product or any associated equipment; cost of capital; cost of any substitute equipment, facilities, or services; downtime; the claims of third parties, including customers; and injury to property. This limitation does not apply to damages caused by breach of the warranty of title and against infringements or to claims for personal injury.

9. Unless modified in a writing signed by both parties, it is understood that MaxJax published Warranties and MaxJax Terms and conditions of Sale are to be the complete and exclusive agreement (Agreement) between the parties superseding all oral or written prior agreements and all other communications between the parties relating to the subject matter of said Agreement, including statements made by sales persons. No employee of MaxJax or any other party is authorized to make any warranty in addition to those made in the Agreement. The buyer is warned, therefore, to check all Warranties and review in full detail the Terms and Conditions of Sale carefully to see that it correctly reflects those terms that are important to the Buyer.

10. The Agreement allocates the risks of product failure between MaxJax and the buyer. This allocation is recognized by both parties and is reflected in the price of the goods. Buyer acknowledges that they have read and fully understand the Agreement, and are bound by its terms. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to some Buyers. This warranty gives the Buyer specific legal rights. The Buyer may have other rights also which vary from State to State.

11. ANY ACTION FOR BREACH OF WARRANTY MUST BE COMMENCED WITHIN 60-DAYS FOLLOWING EXPIRATION DATE OF ANY WARRANTY PROVISION OR TERM.

Standard Warranty

Duration: From the date of purchase by the original Purchaser or 12 months from the date of shipment or whichever comes first.

- Three-Years (36-Months) Warranty on equipment structure*
- One-Year (12-Month) Warranty on operating components
- One-Year (12-Month) Free Shipping** on ground-freight charges related to warranty performance

Limited Warranty

1. Who gives this warranty (Warrantor): MaxJax, 1645 Lemonwood Dr., Santa Paula, CA 93060
2. Who receives this warranty (Purchaser): The original Purchaser (other than for purpose of resale)
3. What products are covered by this warranty: MaxJax portable lift system
4. What is covered under this warranty: manufacturer defects due to material and/or workmanship with the exceptions noted below.
5. What is not covered under this warranty:
 - a. The cost of labor to make repairs or replacements
 - b. Any failure that results from Purchaser's abuse, neglect or failure to operate, maintain or service product in accordance with instructions provided in the owner's manual(s) supplied
 - c. Any damage caused by using equipment beyond rated capacity and/or capability
 - d. Items or service normally required to maintain the product, i.e. lubricants, oil, etc.
 - e. Items considered general wear parts such as rubber or plastic pads/protectors, worn casters/wheels, etc. unless wear or failure is a direct result of manufacturer defect due to material and/or workmanship
 - f. Any component damaged in shipment or any failure caused by installing or operating equipment under conditions not in accordance with installation and operation guidelines or damaged by contact with tools or surroundings
 - g. Any component failure caused by rain, excessive humidity, corrosive environments or other contaminants
 - h. Rusted components due to improper maintenance or corrosive environments
 - i. Cosmetic defects that do not interfere with product functionality
 - j. Damage due to incorrect voltage or improper wiring
 - k. Any incidental, indirect, or consequential loss, damage, or expense that may result from any defect, failure, or malfunction of a MaxJax product
 - l. All electrical components are guaranteed for one year (12 months) against defects in workmanship and/or materials when the lift is installed and used according to specifications
6. Responsibilities of Warrantor under this warranty: Repair or replace with either new or reconditioned unit at Warrantor's option, component and/or unit which is defective, has malfunctioned and/or failed to conform within duration of the warranty period.
7. Responsibilities of Purchaser under this warranty:
 - a. Provide dated proof of purchase and maintenance records
 - b. In some cases, components may be required to be shipped to the nearest MaxJax Authorized Service Center. Freight costs, after 12 months, must be borne by the Purchaser.
 - c. Use reasonable care in the operation and maintenance of the products as described in the owner's manual(s).
8. When Warrantor will perform repair or replacement under this warranty: Repair or replacement will be scheduled and serviced according to the normal work flow at the servicing location, and depending on the availability of replacement parts.

*Equipment structure is defined as any non-moving permanently affixed frame or main body, or sub-structures that are non-moving and permanently affixed or attached to any main equipment structure or frame.

**Free-shipping applies to direct shipping points within the 48 continental United States. Rural area shipping surcharge may apply for remote addresses.

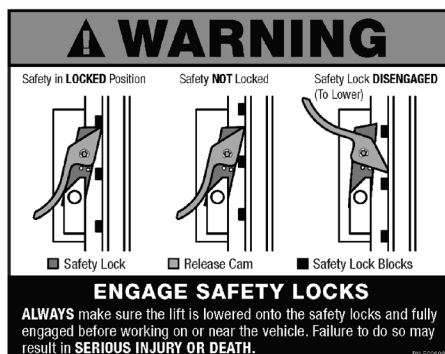
Limitation of Liability

MaxJax shall have no obligation pursuant to this Warranty with respect to products which in our sole judgment have been altered damaged, misused, abused, badly worn, lost or improperly maintained. This Warranty is null and void if the customer or any other person other than an authorized representative of MaxJax has made any attempt to service or modify the tool prior to its return to MaxJax under this Warranty. In no event will either party be liable for any damage caused by the other party's failure to fulfill its responsibilities under these terms and conditions. In no event will either party be liable for any lost profits, lost savings, incidental damage, or other economic consequential damages MaxJax products are provided and sold as is without any express or implied warranties including warranties of merchantability or fitness for particular purpose. No warranties, expressed or implied, will apply after this period. MaxJax may modify these terms and conditions at any time by either providing the customer with written notice or posting such revised terms on www.MaxJax.com. Such revised terms shall be effective thirty days from the date of such written notice or posting.

A



C



B

⚠ IMPORTANT

OPERATION / MAINTENANCE - PLEASE READ

⚠ DANGER

DO NOT use the lift if the arm pads are more than 3 degrees or 1.5 inches out of level from side to side. If the lift is not raising or lowering evenly, STOP USE IMMEDIATELY. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN LEAD TO SERIOUS INJURY OR DEATH.

CYLINDER BLEEDING INSTRUCTIONS

ALWAYS follow the bleeding procedure below before using your lift for the first time and every time afterwards.

1. Perform the following bleeding procedure with no weight on the lift.
2. The lift should be fully lowered before proceeding.
3. Carefully check around and under the lift for any obstructions. Clear obstructions before beginning the bleeding procedure.
4. Connect the hydraulic hoses and make sure fluid reservoir is full. Refer to the manual for complete instructions, if necessary.
5. Loosen, but do not remove the bleeder screws on the top of each hydraulic cylinder using a hex wrench.
6. With no weight on the lift, raise the lift to maximum height and observe the bleeder screws looking for air bubbles or oil escaping as the lift is rising. Air will continue to exit from the loosened bleeder screws.
7. After the lift reaches maximum height, keep pressing the UP BUTTON for three-seconds only.
8. Immediately return to the cylinders and re-tighten both bleeder screws.
9. Lower the lift back down to the ground.
10. Repeat this procedure until you have purged the air out and the lift maintains level lifting and lowering.
11. If you require further assistance please contact the MaxJax service team at 1-866-963-5655.

LIFT OPERATION

TO RAISE LIFT

- ✓ Read Operating and Safety manuals before using lift.
- ✓ Always lift vehicles according to manufacturer's recommended lifting points.
- ✓ Position vehicle between columns. Adjust swing arms so that vehicle is positioned with the center of gravity midway between pads.
- ✓ Position lift contact pads at manufacturer's recommended lifting points.
- ✓ Use truck adapters as needed. Never exceed 9" pad/adaptor height.
- ✓ Raise lift by pressing RAISE BUTTON on power unit until contact pads make contact with the underside of the vehicle.
- ✓ Recheck to make sure vehicle is secure.
- ✓ Raise vehicle to desired working height, then press power unit LOWERING HANDLE until lift carriages rest onto nearest safety lock position.
- ✓ Maintain visual contact with vehicle and surrounding area at all times while raising lift.
- ✓ STOP IMMEDIATELY if load shifts or becomes unlevel.
- ✓ Always ensure safety locks are engaged before any attempt is made to work on or near vehicle.
- ✓ Always ensure lift contact pads are making full contact with vehicle before any attempt is made to work on or near vehicle.

TO LOWER LIFT

- ✓ Raise lift by pressing RAISE BUTTON on power unit. Elevate lift at least two inches to allow adequate clearance for the locks to clear.
- ✓ Clear safety locks on both columns by lifting both SAFETY LOCK RELEASE HANDLES upward.
- ✓ Be sure tool trays, stands or personnel are removed from under vehicle.
- ✓ Lower vehicle by pressing power unit LOWERING HANDLE until lift has descended completely.
- ✓ Maintain visual contact with vehicle and surrounding area at all times while lowering lift.
- ✓ STOP IMMEDIATELY if load shifts or becomes unlevel.
- ✓ Before removing vehicle from lift area, position lift arms to provide unobstructed exit.
- ✓ NEVER drive over lift arms.

REQUIRED MONTHLY MAINTENANCE

- ✓ ALWAYS consult operation manual for factory-recommended maintenance.
- ✓ Check arm restraints for proper operation.
- ✓ Visually inspect all moving parts, bolts, pins, hoses and fittings, and anchors.
- ✓ Visually inspect safety locks for proper operation.
- ✓ Visually inspect concrete floor. DO NOT USE LIFT if concrete foundation shows signs of deterioration.
- ✓ Inspect all anchor bolts and retighten if necessary.
- ✓ Check columns for square, plumb positioning.
- ✓ Inspect all arm pivot pins, making sure they are properly secured.
- ✓ Inspect all lift pads, replace if necessary.
- ✓ If lift is equipped with overhead cut-off switch, check for proper operation.

- WARNING!** If cement anchor bolts are loose or any component of the lift is found to be defective, **DO NOT USE LIFT!**
1. Never operate the lift with any person or equipment below.
 2. Never exceed rated capacity.
 3. Never lift any vehicle in any manner with FEWER than (4) arms. Rated capacity of each lift arm is no greater than 1/4 of the overall lifting capacity.
 4. Always ensure safety locks are engaged before any attempt is made to work on or near vehicle.
 5. Never leave lift in an elevated position unless the safety locks are engaged.
 6. Do not permit electric motor to get wet! Motor damage caused by dampness is not covered under warranty.

⚠ WARNING

USE PROPER ADAPTERS

Do not attempt to lift trucks or other frame type vehicles with standard rubber contact pads. NEVER use lift with missing or damaged rubber contact pads. ALWAYS REPAIR ACE rubber contact pads when worn or damaged. Contact BendPak or your BendPak dealer for product information.

FRAME CRADLE ADAPTERS

SKU# 5215154 (Set of 4)

Required for use when lifting trucks, vans or other frame vehicles that require additional stability.



SUV & VAN ADAPTERS



Recommended for trucks, SUVs and vans that require additional lifting height.

TO PLACE ORDER

Visit www.maxjaxusa.com or dial 1-866-963-5655

PN 5206324

D



E



F

MAXJAX		5240 Willis Rd. Mobile, AL 36582	
Description			
Model No.		Lifting Capacity	
Date Code		Serial No.	
Voltage		UPC	
☐ 110-120V, 50-60 Hz, 1 Ph ☐ 208-240V, 50-60 Hz, 1 Ph		Warranty void if this label is removed CE EAC PN 5906036	
MADE IN CHINA		www.MaxJax.com	

G



www.autolift.org

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ALI / WLSIA01

H

NOTICE Read operating and safety manuals before using lift.	NOTICE Proper maintenance and inspection is necessary for safe operation.
NOTICE Do not operate a damaged lift.	

The messages and pictographs shown are generic in nature and are meant to generally represent hazards common to all automotive lifts regardless of specific style.

Funding for the development and validation of these labels was provided by the Automotive Lift Institute, PO Box 33116 Indianapolis, IN 46233.

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CAUTION Lift to be used by trained operator only.	CAUTION Authorized personnel only in lift area.
CAUTION Use vehicle manufacturer's lift points.	CAUTION Always use safety stands when removing or installing heavy components.
CAUTION Use height extenders when necessary to ensure good contact.	CAUTION Auxiliary adapters may reduce load capacity.

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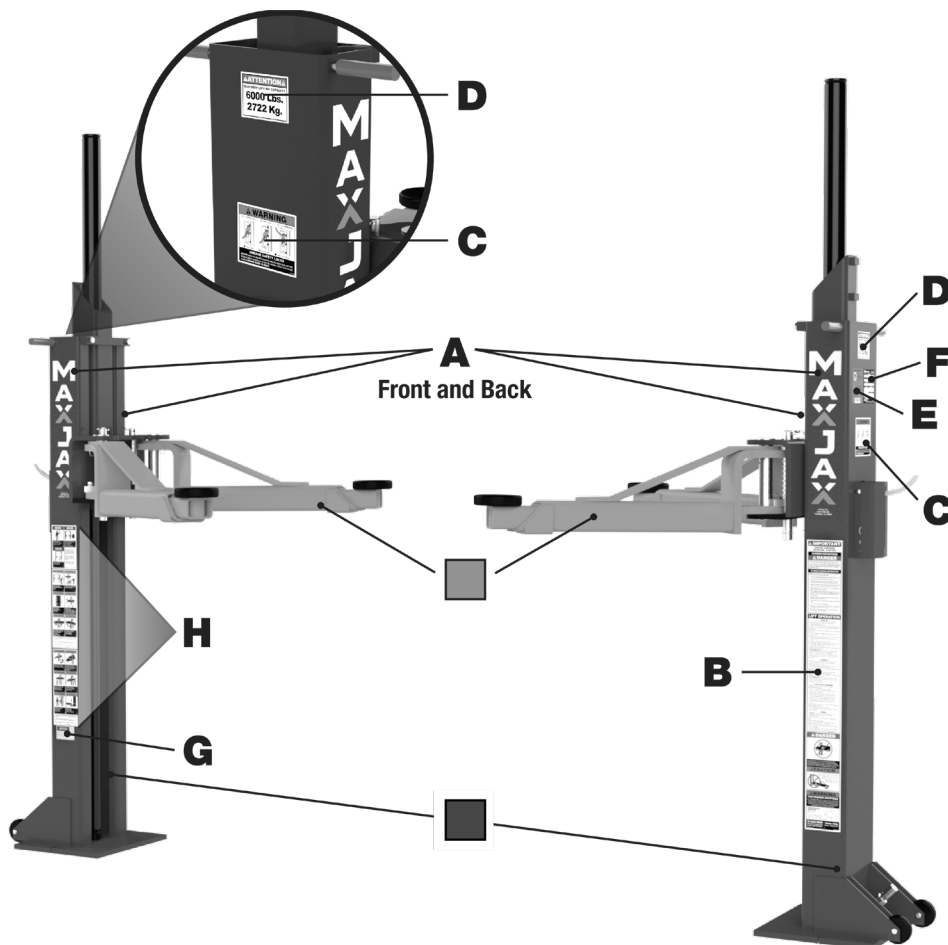
WARNING Clear area if vehicle is in danger of falling.	WARNING Position vehicle with center of gravity midway between adapters.
WARNING Remain clear of lift when raising or lowering vehicle.	WARNING Avoid excessive rocking of vehicle while on lift.
WARNING Do not override self-closing lift controls.	WARNING Keep feet clear of lift while lowering.

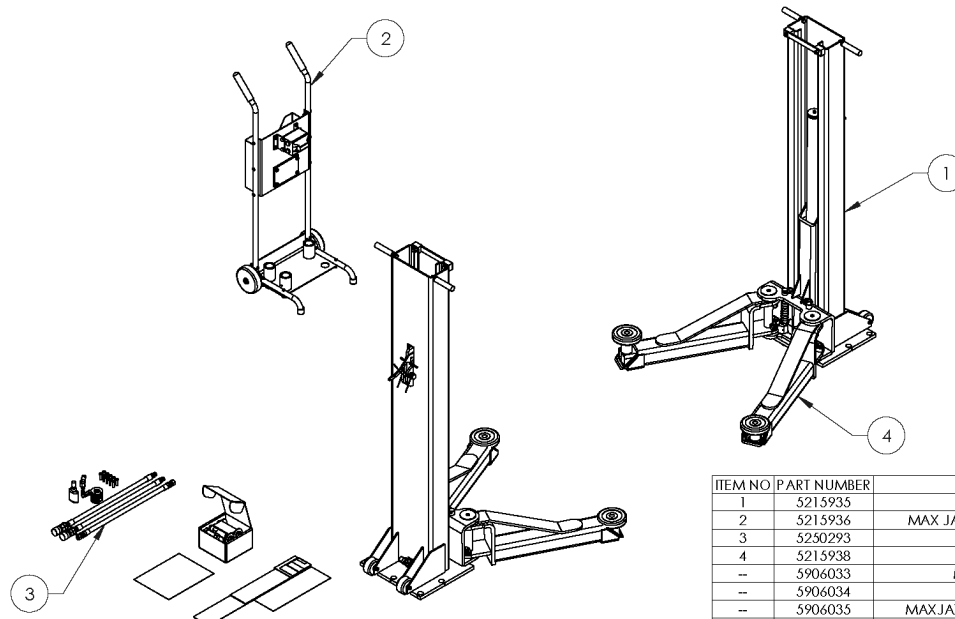
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ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5215935	M6K POST ASSEMBLY	2	D
2	5215936	MAX JAX POWER UNIT STAND ASSEMBLY	1	B
3	5250293	M6K PARTS BOX	1	E
4	5215938	MAX JAX ARM ASSEMBLY	4	A
-	5906033	MAXJAX BRANDING LABEL	4	-
-	5906034	MAXJAX SAFETY LABEL	1	-
-	5906035	MAXJAX SAFETY LOCKS WARNING LABEL	2	-
-	5906005	MAX CAPACITY NTRL 6K LABEL, ENGLISH-FRENCH	1	-
-	5906036	SERIAL TAG F, MAX JAX	1	-
-	5905377	NOTICE LABEL, ALI/WLSIA01	1	-
-	5905109	WARNING ALI/WL 101	1	-
-	5905654	LABEL: ALI/ALCTV-2017 GOLD LABEL, CAN-US: MET LABS	1	-

DO NOT SCALE DRAWING

DRAWN OR 05/29/2020

CHECKED OR 02/15/2021

THIRD ANGLE PROJECTION



NAME DATE

05/29/2020

02/15/2021

THIRD ANGLE PROJECTION

TITLE:

M6K PRODUCTION LIFT

SIZE DWG. NO.

A 5260614

REV

H

SCALE: 1:22

SHEET 1 OF 3

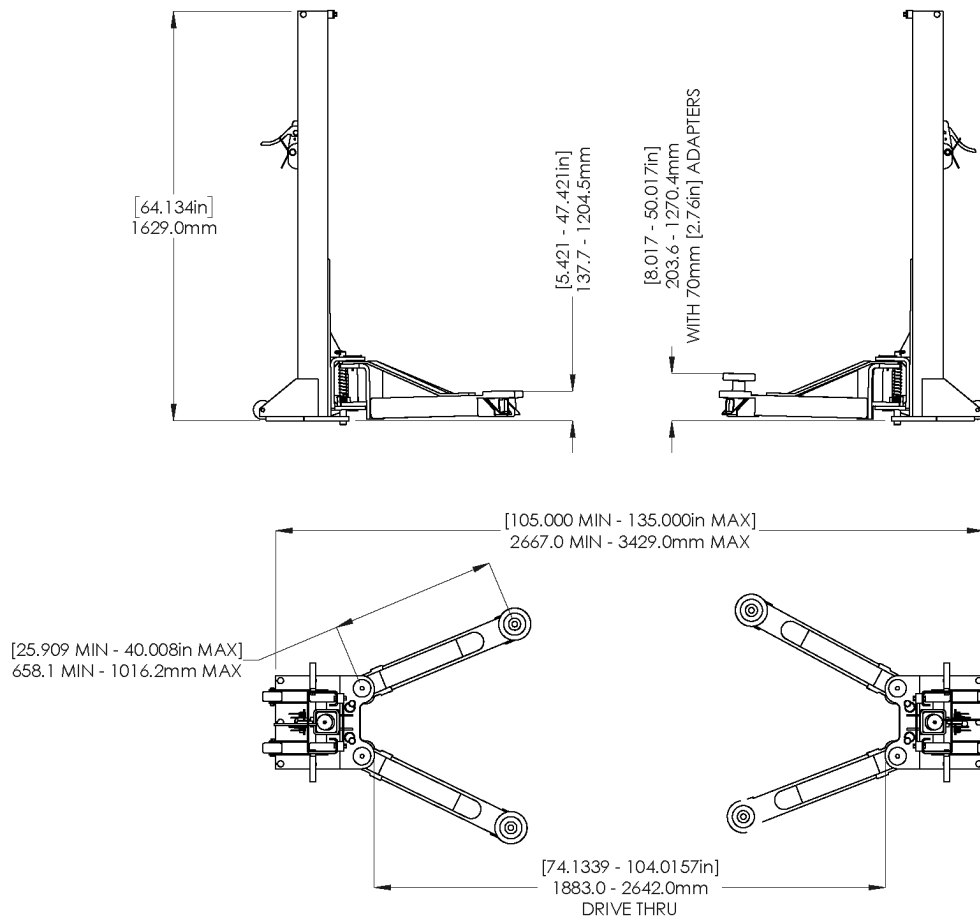
BP BendPak®
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE:
M6K PRODUCTION LIFT

SIZE DWG. NO.
A 5260614

REV
H

SCALE: 1:22 **SHEET 1 OF 3**



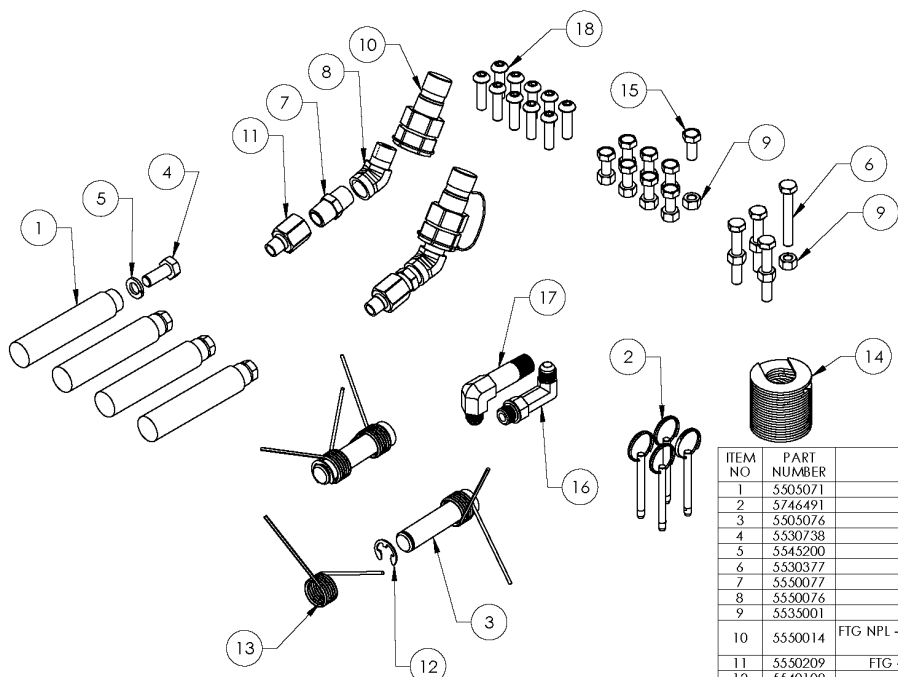
BP BendPak®
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE:
M6K PRODUCTION LIFT

SIZE DWG. NO.
A 5260614

REV
H

SCALE: 1:20 **SHEET 2 OF 3**



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5505071	M&K SAFETY PIN ASSEMBLY	4	B
2	5746491	MAXJAX LIFT HEAD RELEASE PIN	4	A
3	5505076	MAXJAX SAFETY CLEVIS PIN	2	A
4	5530738	HHB M10 x 1.5 x 25	4	-
5	5545200	WASHER M10 x Ø18 SL	4	-
6	5530377	HHB M8 x 1.25 x 55	4	-
7	5550077	FIG -06 NPTF x -06 NPTF, HEX NIPPLE	2	-
8	5550076	FIG 45° ELB -06 NPTF x -06 NPTF	2	-
9	5535001	NUT M8 x 1.25 NL	12	-
10	5550014	FIG NPL -06 NPTF x 3/8 QUICK-CONNECTOR COUPLER MALE; NON SPILL DESIGN	2	-
11	5550209	FIG -04 NPTF x -06 NPTF, STRAIGHT EXPANDER	2	-
12	5540109	E RING Ø16mm OD DIN 6799 0160	2	-
13	5540075	R.H., 2.5 WIRE DIA., Ø20.5 x 75 LG	4	-
14	5545535	C WASHER SHIM FOR LIFTS	21	-
15	5530304	HHB M8 x 1.25 x 20	8	-
16	5550074	FIG 90° ELB 3/8" JIC MALE x 3/8" ORB MALE, LONG	1	-
17	5550170	FIG 90° ELB 3/8" JIC MALE x 3/8" NPTF MALE, LONG	1	-
18	5530412	BHSK M8 x 1.25 x 30 CL10.9	10	-

DO NOT SCALE DRAWING

DRAWN OR 06/19/2020
CHECKED OR 02/15/2021

NAME
DATE

THIRD ANGLE PROJECTION

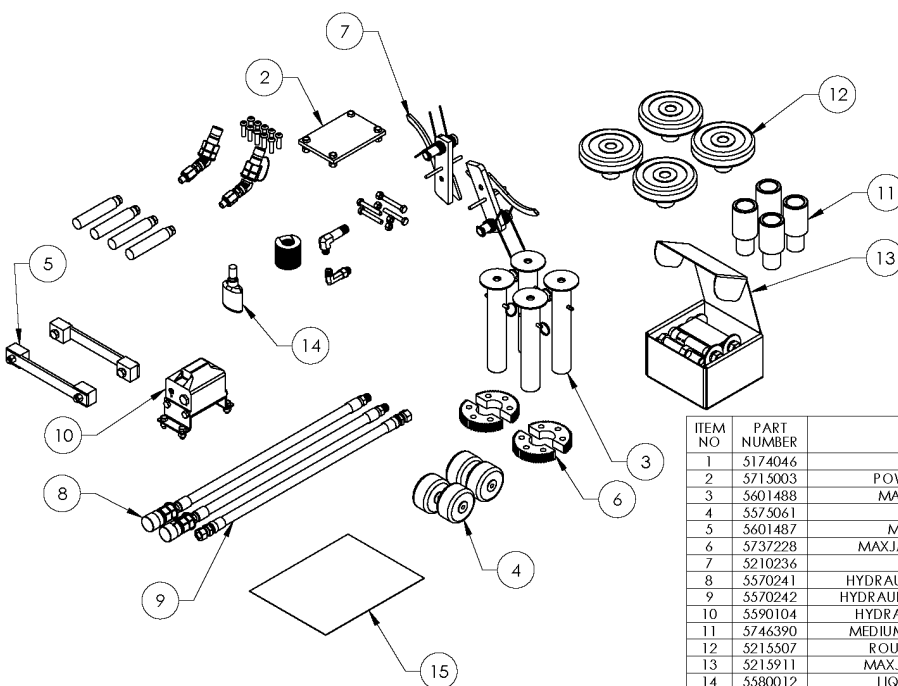
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: M6K PARTS BAG

SIZE DWG. NO. 5174046
REV D

SCALE: 1:4

SHEET 1 OF 1



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5174046	M&K PARTS BAG	1	D
2	5715003	POWER UNIT VIBRATION DAMPENER	1	B
3	5601488	MAXJAX LIFT HEAD PIN WELDMENT	4	B
4	5575061	M&K POST WHEEL	4	-
5	5601487	MAXJAX POST STRAP ASSEMBLY	2	A
6	5737228	MAXJAX BOLT ON ARM RESTRAINT GEAR	4	A
7	5210236	MAXJAX SAFETY WELDMENT	2	B
8	5570241	HYDRAULIC HOSE ASSEMBLY Ø10 x 4520mm	2	A
9	5570242	HYDRAULIC HOSE ASSEMBLY Ø10 x 295mm DS	1	C
10	5590104	HYDRAULIC FLOW DIVIDER CAST IRON; ST	1	-
11	5746390	MEDIUM LIFT PAD EXTENSION Ø35 x 113mm	4	E
12	5215507	ROUND LIFT PAD ADAPTER ASSEMBLY	4	G
13	5215911	MAXJAX STANDARD ANCHOR BOLT KIT	1	-
14	5580012	LIQUID PTFE THREAD SEALANT 50ml	1	-
15	5900228	MAXJAX INSTALLATION MANUAL	1	-

DO NOT SCALE DRAWING

DRAWN OR 06/01/2020
CHECKED OR 02/15/2021

NAME
DATE

THIRD ANGLE PROJECTION

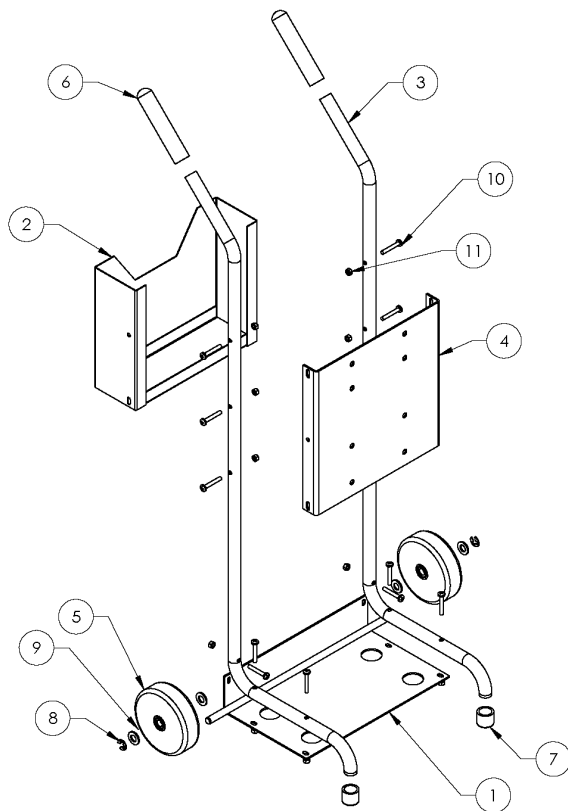
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: M6K PARTS BOX

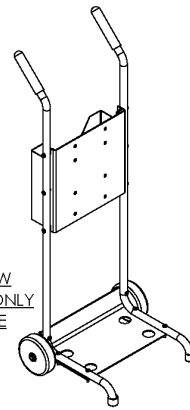
SIZE DWG. NO. 5250293
REV E

SCALE: 1:25

SHEET 1 OF 1

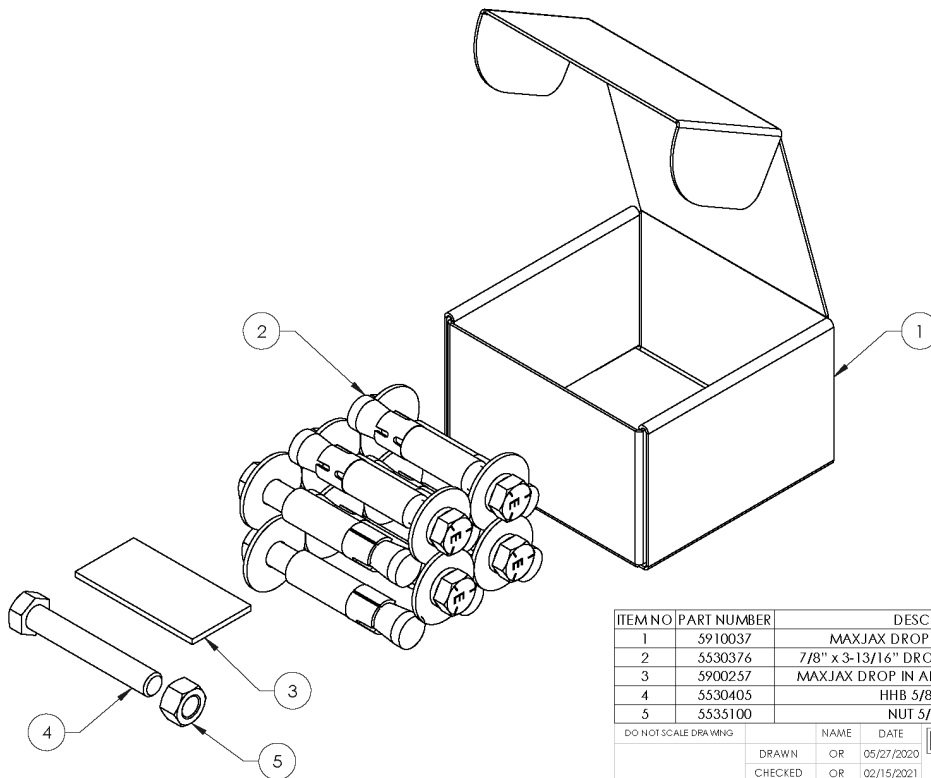


ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



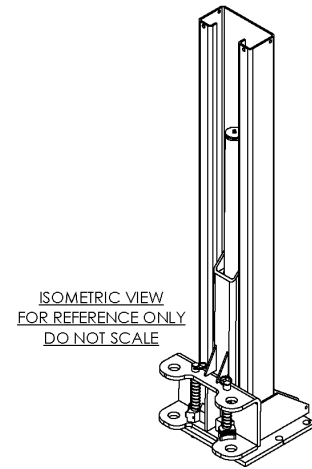
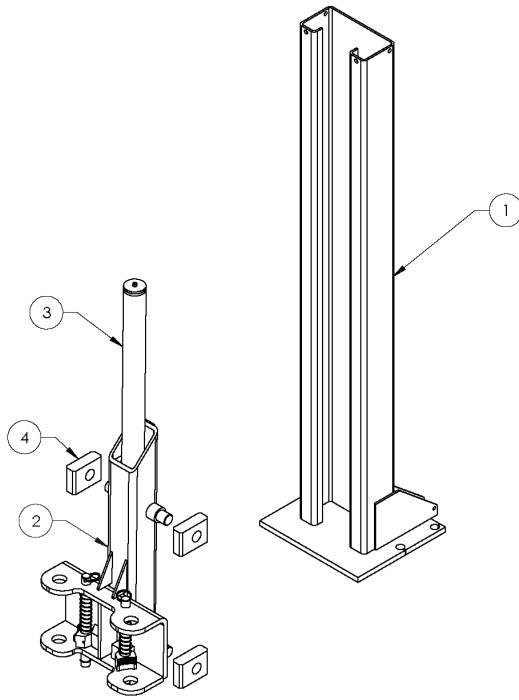
ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601535	MAX JAX BOTTOM PLATE WELDMENT, STAND	1	A
2	5601474	M6K HOSE STORAGE BOX WELDMENT	1	B
3	5755171	MAX JAX STAND HANDLE	2	B
4	5737162	MAX JAX STAND SUPPORT PLATE	1	A
5	5215970	MAX JAX HAND CART WHEEL ASSEMBLY	2	-
6	5715041	MAX JAX VINYL GRIP, Ø22 I.D.	2	A
7	5716056	MAX JAX VINYL CAP, Ø22 I.D.	2	B
8	5540113	E RING Ø1/2" OD TRUARC 5133-50	2	-
9	5545141	WASHER M12 x 24 FLAT CL 10.9	4	-
10	5530378	PHPS M6 x 1.0 x 40mm	12	-
11	5535357	NUT M6 x 1.0 NL	12	-

DO NOT SCALE DRAWING	NAME	DATE	BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
	DRAWN OR	05/27/2020	
DIMENSIONS ARE IN MM 	CHECKED		TITLE: MAX JAX POWER UNIT STAND ASSEMBLY
	THIRD ANGLE PROJECTION		SIZE DWG. NO. REV A 5215936 B
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ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5910037	MAXJAX DROP IN ANCHOR BOX	1	A
2	5530376	7/8" x 3-13/16" DROP IN SLEEVE ANCHOR	10	-
3	5900257	MAXJAX DROP IN ANCHOR INSTRUCTIONS	1	-
4	5530405	HHB 5/8"-11 x 4.0"	1	-
5	5535100	NUT 5/8"-11 HN	1	-

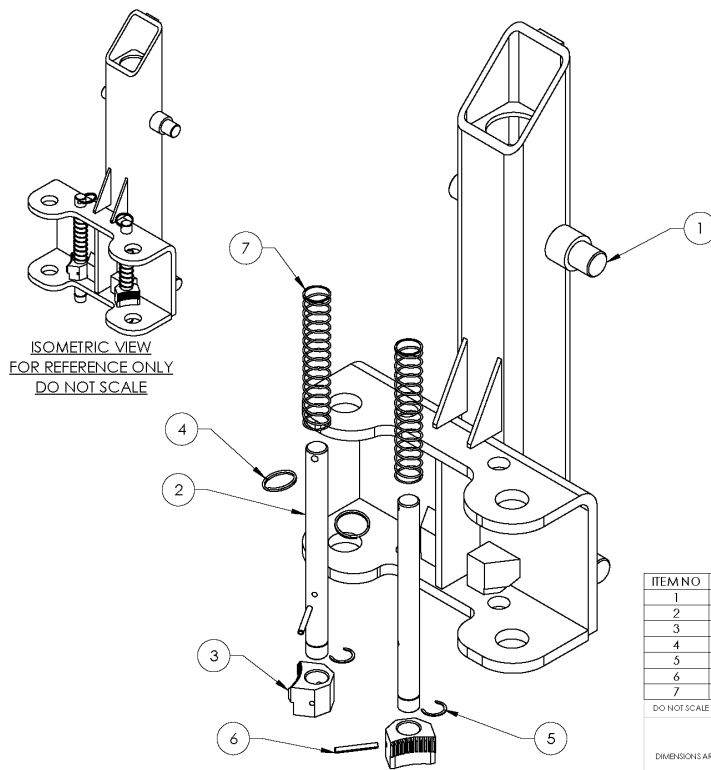
DO NOT SCALE DRAWING	NAME	DATE	BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
	DRAWN OR	05/27/2020	
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5	CHECKED	02/15/2021	TITLE: MAXJAX STANDARD ANCHOR BOLT KIT
	THIRD ANGLE PROJECTION		SIZE DWG. NO. REV A 5215911 C
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ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601485	M6K POST WELDMENT	1	A
2	5215939	M6K LIFT HEAD ASSEMBLY	1	A
3	5502043	CYLINDER ASSEMBLY Ø2.0 x 42	1	B
4	5716055	M6K SLIDE BLOCK	4	A

DO NOT SCALE DRAWING		NAME	DATE	BendPak. 1445 LEMONWOOD DR. SANTA PAULA, CA 93060
DRAWN	OR	05/29/2020		
CHECKED	OR	11/04/2020		
THIRD ANGLE PROJECTION		TITLE: M6K POST ASSEMBLY		
SIZE DWG. NO.		A 5215935		REV B
SCALE: 1:12		SHEET 1 OF 2		



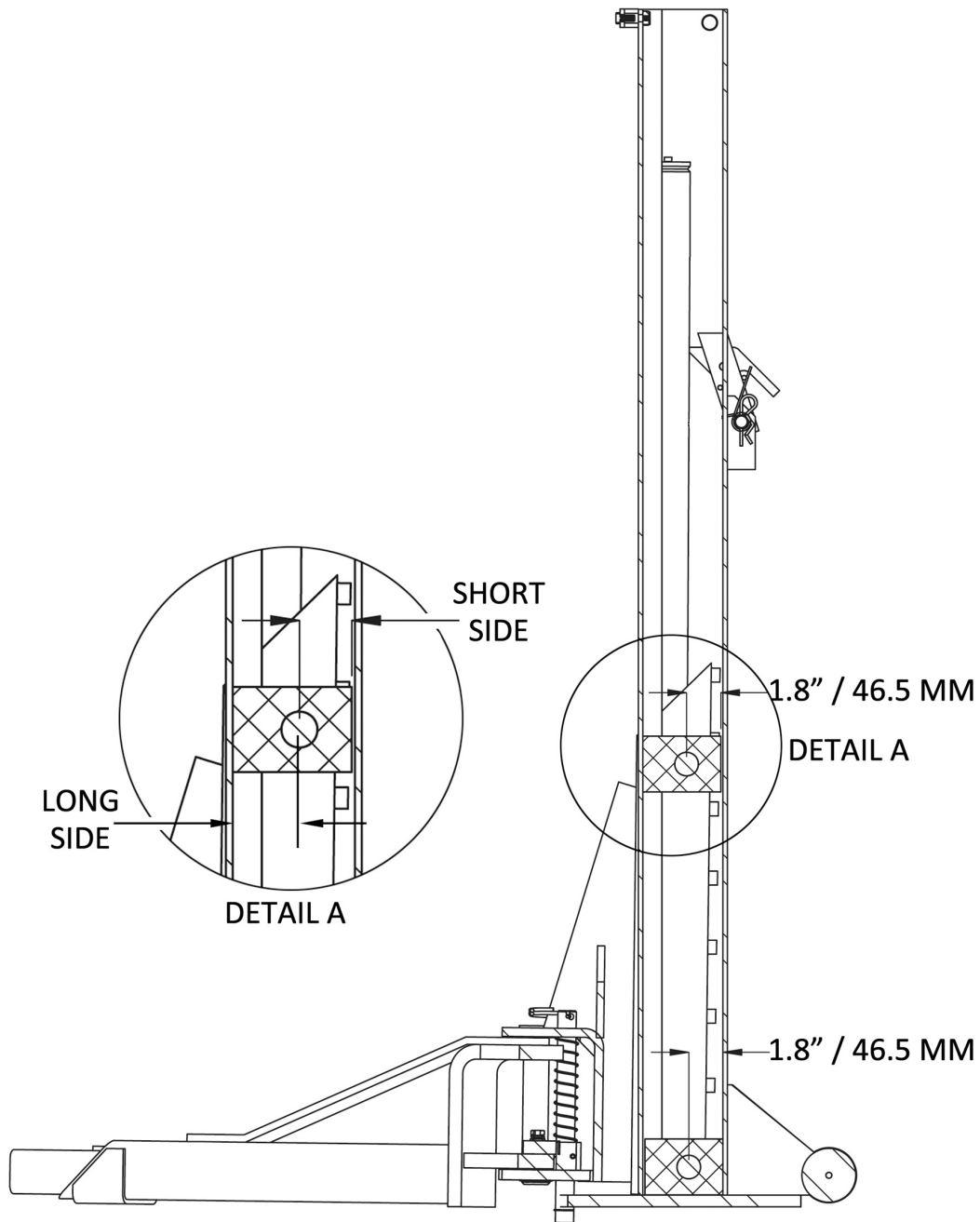
ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601486	M6K LIFT HEAD WELDMENT	1	A
2	5746490	Ø25mm GEAR SHAFT	2	A
3	5701052	GP/XPR ARM INTERNAL GEAR STOP	2	F
4	5580015	KEYRING 40mm x 2.3mm	2	-
5	5540006	SNAP RING TRUARC 5103-100	2	-
6	5505106	SPRING PIN M6 x 50	2	-
7	5540133	GP-7, XPR-9/10 LIFT HEAD SPRING	2	D

DO NOT SCALE DRAWING		NAME	DATE	BendPak. 1445 LEMONWOOD DR. SANTA PAULA, CA 93060
DRAWN	OR	05/22/2020		
CHECKED	OR			
THIRD ANGLE PROJECTION		TITLE: M6K LIFT HEAD ASSEMBLY		
SIZE DWG. NO.		A 5215939		REV A
SCALE: 1:5		SHEET 1 OF 1		

IMPORTANT WARNING

ALWAYS BE SURE THAT THE UHMW SLIDE BLOCKS ARE
INSTALLED AS ILLUSTRATED BELOW.



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