

MaxJax[™] Portable Mid-Rise Lift

Assembly and Operation Manual

Manual P/N 5900909 — Revision B — August 2026

Model:

- MAX7



Original Instructions
in the English
Language

 **DANGER**

IMPORTANT SAFETY INSTRUCTIONS, SAVE THESE INSTRUCTIONS! Read this entire manual thoroughly 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 that you fully understand the contents of this manual and assume full responsibility for product use.**

Manual. MaxJax™ Portable Mid-Rise Lift, *Assembly and Operation Manual*, part number 5900909, revision B, released August 2026.

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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. You can always find the latest version of the **manual for your product on the MaxJax website**.

Warranty. The MaxJax warranty is more than a commitment to you: it is also a commitment to the value of your new product. Contact your nearest BendPak dealer or visit **www.maxjax.com/warranty** for full warranty details.

Safety. Your product was designed and manufactured with safety in mind. However, your safety also depends on proper training and thoughtful operation. Do not install, operate, maintain, or repair the unit without reading and understanding this manual and the labels on the unit; **do not use your Lift unless you can do so safely!**

Owner Responsibility. In order to ensure operator safety and maintain your product properly, 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 and use conforms to all applicable local, state, and federal codes, rules, and regulations, such as state and federal OSHA regulations and electrical codes.
- 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 all parts are in place and operating correctly.
- Carefully inspect the product on a regular basis and perform all maintenance as specified.
- 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.
- 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 or BendPak online or published catalog. Not all MaxJax lift models 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 **maxjax.com/support**. 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 of any MaxJax, or BendPak product. MaxJax, Ranger and BENDPAK 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.
- **Only use the Lift 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: _____

Designed and engineered by BendPak Inc. in Southern California, USA. Made in China.

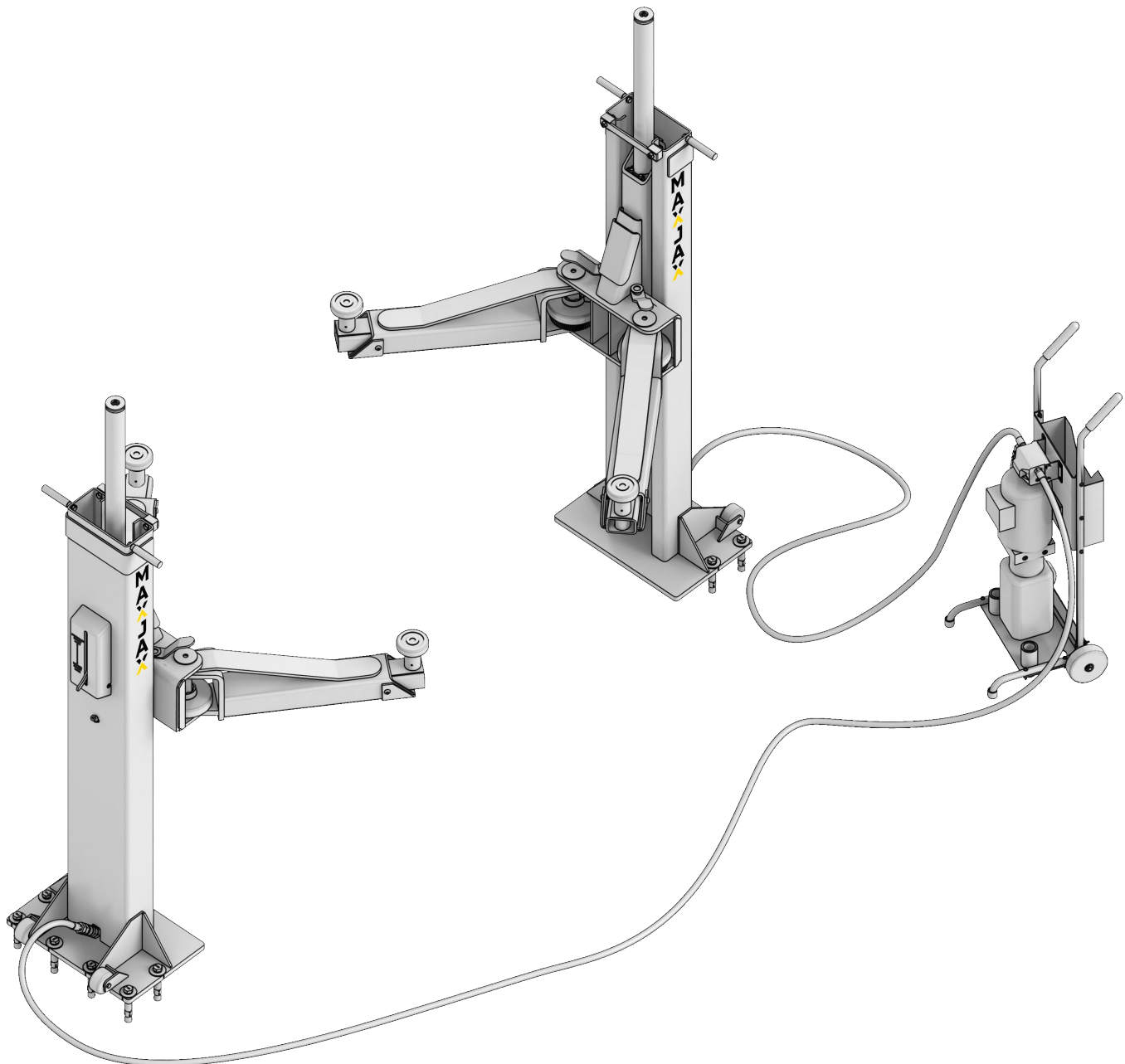


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Introduction

The MaxJax MAX7 is a portable Mid-Rise Lift with a small footprint designed for low-ceiling garages. It can raise Vehicles up to 7,000 lbs. (3,175 kg).

This manual is mandatory reading for all MaxJax users, including anyone who sets up, operates, maintains, or repairs them. Keep this manual on or near the device so that anyone who uses or services it can read it.

 **DANGER** Be very careful when setting up, operating, maintaining, or repairing this equipment; failure to do so could result in property damage, product damage, injury, or (in very rare cases) death. Make sure only authorized personnel operate this equipment. 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.

If you are having issues with this lift, refer to the **Troubleshooting** section of this manual for assistance.

Technical support and service is available from your dealer, on the Web at maxjax.com/support, by email at support@maxjax.com, or by phone at **(844) 629-5291**; follow the prompts.

Shipping Information

Your equipment 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. *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 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. 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 Considerations

Read this entire manual thoroughly before installing, operating, servicing or maintaining this Lift. Do not install or operate the product until you are familiar with all operating instructions and warnings. Do not allow anyone else to operate it until they are familiar with all operating instructions and warnings.

 **WARNING** **California Proposition 65.** This product can expose you to chemicals including styrene and vinyl chloride which are on the list of over 900 chemicals identified by the State of California to cause cancer, birth defects, or other reproductive harm. Always use this product in accordance with BendPak / MaxJax's instructions. For more information, visit www.p65warnings.ca.gov.

IMPORTANT SAFETY INSTRUCTIONS!

SAVE THESE INSTRUCTIONS!

1. Read all instructions.
2. Care must be taken as burns can occur from touching hot parts.
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 more than that of the equipment should be used. Cords with a current rating less 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 the equipment from the electrical outlet when not in use. Never use the cord to pull the plug from the outlet. Grasp the plug and pull to disconnect.
7. Let the equipment cool completely before putting away. Loop cord loosely around equipment when storing.
8. To reduce the risk of fire, do not operate 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 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 BendPak recommended attachments.
13. ALWAYS WEAR SAFETY GLASSES. Everyday eyeglasses 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** attempt to lift more than the rated capacity. Refer to loading instructions.
16. The Lift uses electrical energy; if your organization has Lockout/Tagout policies, make sure to implement them after connecting the Lift to a power source.
17. Refer to markings for proper load on electrical receptacles.
18. Only operate your Lift between temperatures of +41°F to +104°F (+5°C to +40°C).

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19. The Lift should **only** be operated by authorized personnel. Keep children and untrained personnel away from the Lift.
 20. Do not make any modifications to the Lift; this voids the warranty and increases the chances of injury or property damage. Do not modify any safety-related features in any way.
 21. Do not use the Lift while tired or under the influence of drugs, alcohol, or medication.
 22. Consider the work environment. Keep the work area clean. Cluttered work areas invite injuries. Keep areas well lit.
 23. **Always** make sure the Lift is secured on Safety Locks before attempting to work on or near a Vehicle.
 24. Make a thorough inspection of the product at least once a year. Replace any damaged or severely worn parts, decals, or warning labels. Replace worn or damaged parts with BendPak or BendPak approved parts and assemblies only.
 25. BendPak recommends referring to the ANSI/ALI ALIS Standard *Safety Requirements for Installation and Service* for more information about safely installing, using, and servicing your Lift.
 26. The MaxJax MAX7 Lift is a Mid-Rise Service Lift. **Use it only for its intended purpose.**
 27. You **must** wear OSHA-approved (publication 3151) personal protective equipment at all times when installing, using, maintaining, or repairing the Lift. Leather gloves, steel-toed work boots, eye protection, back belts, and hearing protection are **mandatory**.
 28. Keep loads balanced on the Lift Arms at all times. Clear the area immediately if a Vehicle is in danger of falling off the Lift.
 29. Make sure all operators read and understand this Installation and Operation Manual. Keep the manual near the Lift at all times.
 30. While handling a Hydraulic Cylinder or a Hydraulic Hose, **always** 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 needle 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.
 31. MaxJax is portable, so you may move it to different mounting locations around your workspace; however, when the Lift is in use, it **must** be anchored in place.
 32. Make sure the Lift Controls are dry, clean, and free from grease and oil.
 33. Make a visual inspection of the product before using it. Check for damage, worn or missing parts. Do not use the product if you find any issues. Instead, take it out of service, then contact your dealer, email support@maxjax.com, visit maxjax.com/support, or call **(844) 629-5291**; follow the prompts.

Symbols

Following are the symbols used in this manual:

- | | |
|--|---|
|  DANGER | Calls attention to an immediate hazard that will result in injury or death. |
|  DANGER | Calls attention to an electrical hazard that will result in death or severe injury. |
|  WARNING | Calls attention to a hazard or unsafe practice that could result in injury or death. |
|  CAUTION | Calls attention to a hazard or unsafe practice that could result in minor personal injury, product, or property damage. |
| NOTICE | Calls attention to a situation that, if not avoided, could result in product or property damage. |
|  Tip | Calls attention to information that can help you use your product better. |

Liability Information

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

- Use of the product for purposes other than those described in this manual.
- Modifications to the equipment without prior, written permission from BendPak Inc.
- Injury or death caused by modifying, disabling, overriding, or removing safety features.
- Damage to the equipment from external influences.
- Incorrect operation of the equipment.

Specifications

All specifications subject to change without notice.

All dimensions rounded to nearest ¼ in. (6.35 mm)

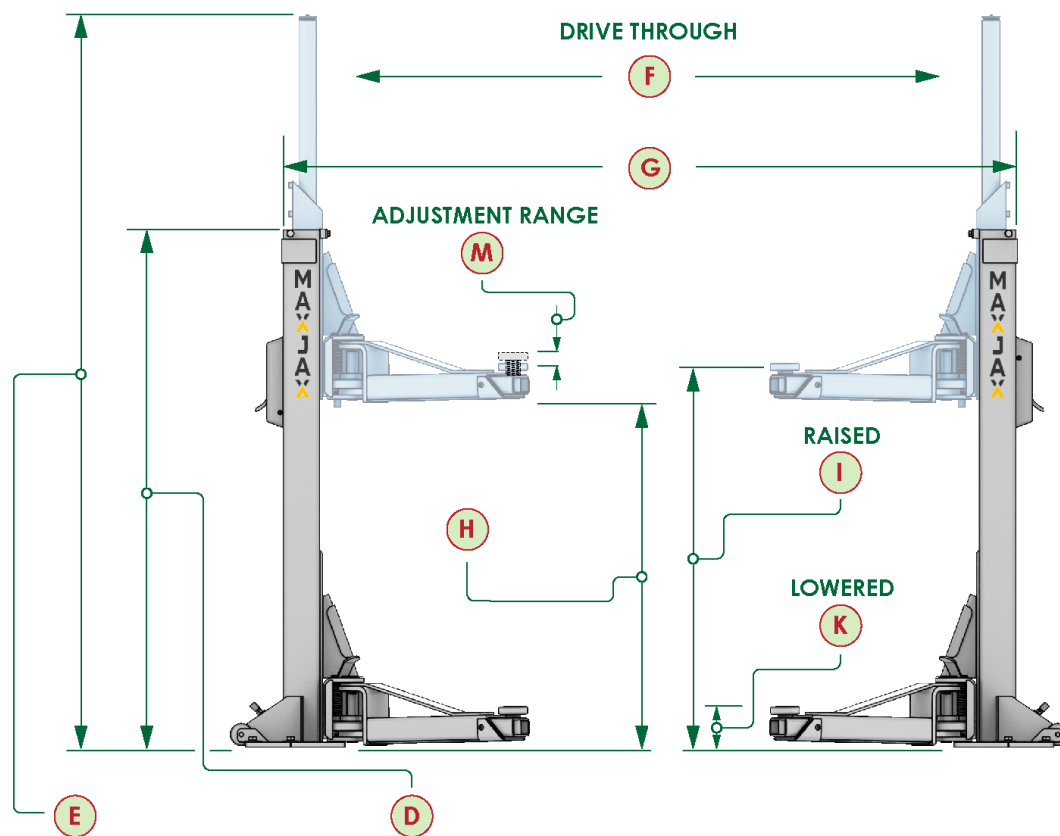
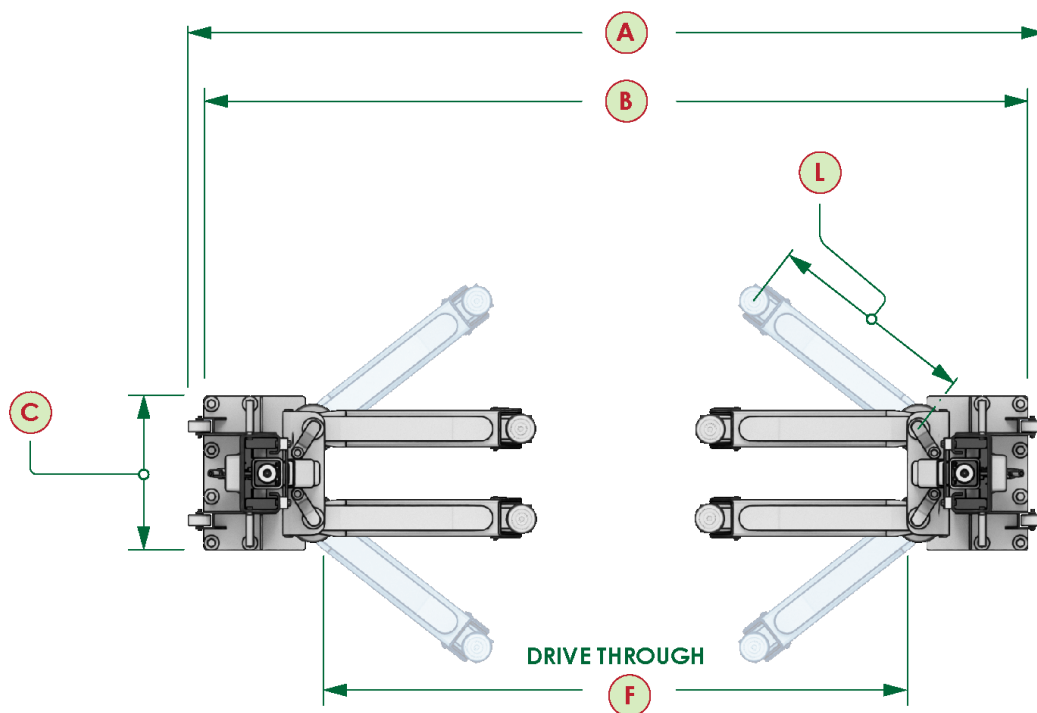
	Specifications	MAX7
Lift Overall	Lifting capacity	7,000 lbs. (3,175 kg)
	Maximum capacity front axle	3,500 lbs. (1,587 kg)
	Maximum capacity rear axle	3,500 lbs. (1,587 kg)
	Max Load per Arm	1,750 lbs. (794 kg)
	Safety Locks	7
	Post Weight	300 lbs. (136 kg)
	Hydraulic Pressure at Max. Load	2,250 psi (15.51 MPa)
	Time to Full Rise ⁴	≈ 45 seconds
	Voltage ²	115/230 V, 50/60 Hz., 1 Phase
	Motor FLA	11.7 Amps / 7.4 Amps
	Sound	<70 dB
	A – Width, overall	109 in. Min / 139 in. Max (2,768.0 mm / 3,530.0 mm)
	B – Width, base plate to base plate	105 in. Min / 135 in. Max (2,667.0 mm / 3,429.0 mm)
	C – Width, Base Plate	19.7 in. (500 mm)
	D – Height, overall	67.25 in. (1,708.0 mm)
	E – Height, floor to cylinder head top rise	95.7 in. (2,432 mm)
	F – Drive thru	70.8 in. Min / 100.8 in. Max (1,779 mm / 2,561 mm)
	G – Post-to-post	95.6 in. Min / 125.6 in. Max (2,429 mm / 3,190 mm)
	H – Top Lock	49.2 in. (1,250.7mm)
Lift Arms	I – Max. Lifting Height ¹	54.75 in. (1,391 mm)
	J – Bottom Lock	27 in. (687 mm)
	K – Min. Height w/ Lift Pad	5.2 in. (132 mm)
	L – Arm Length (min. / max.) ³	26.6 Min / 41.3 in Max (674.8 mm / 1,050.4 mm)
	M – Lift Pad Adjustment Range	1.6 in. (40 mm)

¹Max. Lifting Height is the maximum lifting height measured with a Lift Pad.

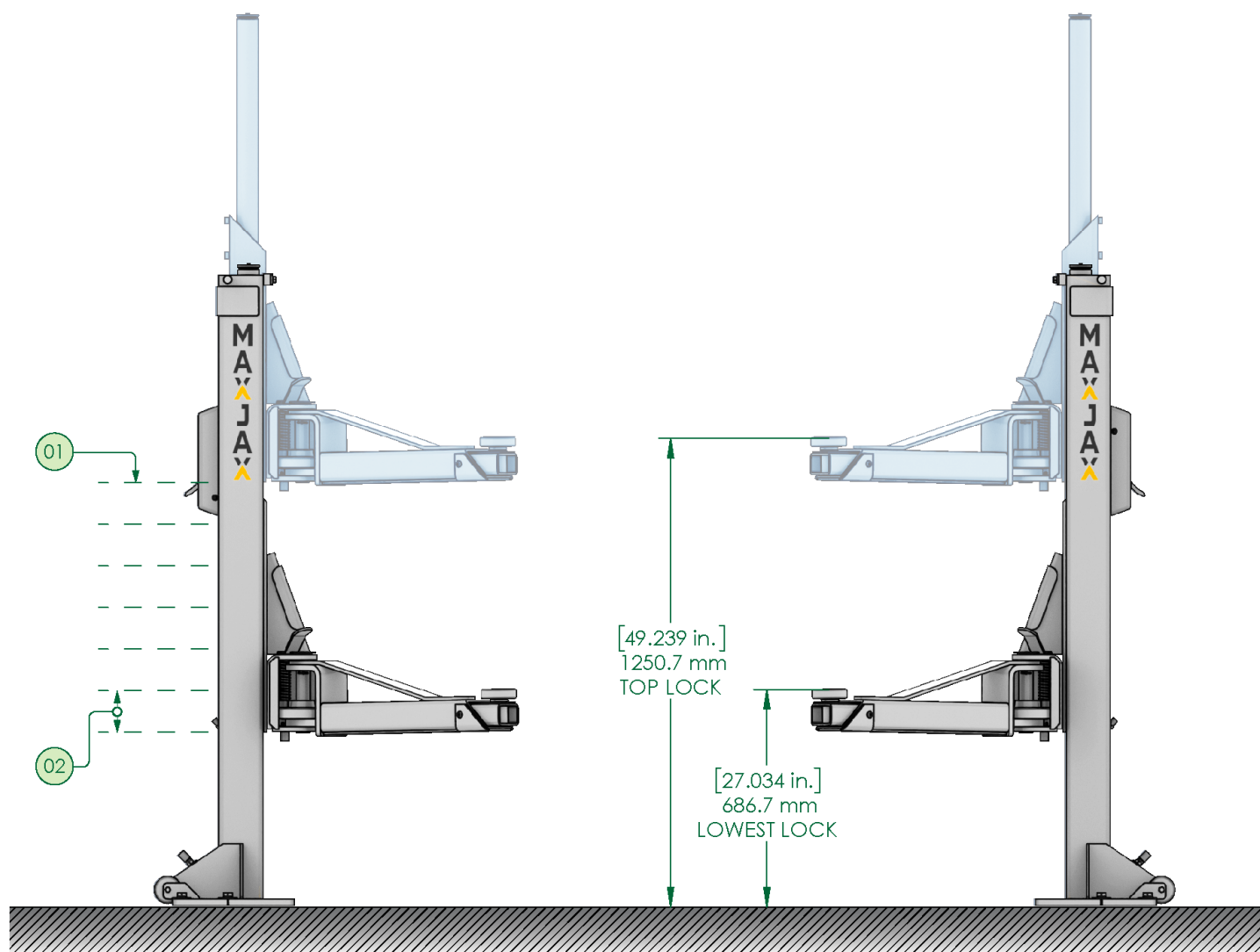
²Special voltages available upon request.

³Lift Arm length is measured from the pivot center to the center of the Lift Pad.

⁴Lowering should be *expected* to be **much** slower with no Vehicle on the Lift, if compared to lowering with a lifted Vehicle.



- 01 SAFETY LOCK POSITIONS: 7
- 02 SPACED EVERY: 3.700 in. (94.0 mm)



Installation

Tools and Supplies Required

- Rotary hammer drill (or similar)
- ¾ inch carbide bit (conforming to ANSI B212.15)
- Hammer
- 4 ft. (304.8 mm) Level
- Open-end wrench set, SAE, and metric
- Socket and ratchet set, SAE, and metric
- Hex key wrench set
- Adjustable wrench or box spanner
- Torque wrench
- Any general-purpose ISO-32, ISO-46, or ISO-68 hydraulic oil
- Crowbar
- Chalk line
- Medium-sized flat screwdriver
- Tape measure, 25 ft. (762 mm) or more
- Needle-nose pliers
- Forklift or Shop Crane
- 6-foot ladder
- Two sawhorses or work supports
- Red and white lithium grease

Installation Checklist

1. ☐ Gather the necessary tools.
2. ☐ Select the installation site.
3. ☐ Check concrete condition and surface slope.
4. ☐ Check clearances, overhead and to the sides.
5. ☐ Create chalk line guides.
6. ☐ Unload and unpack MaxJax components.
7. ☐ Prepare the hydraulic cylinders.
8. ☐ Secure the cylinder clamp at the top of the lift head.
9. ☐ Prepare the lift posts.
10. ☐ Install the safety assemblies.
11. ☐ Drill and anchor the lift posts.
12. ☐ Assemble the power unit cart.
13. ☐ Attach the power unit and flow divider.
14. ☐ Connect the flow divider.
15. ☐ Install the hydraulic hoses.
16. ☐ Connect the power unit.
17. ☐ Install the Lift Arms.
18. ☐ Lubricate the Lift.
19. ☐ Bleed the Hydraulic System.
20. ☐ Test the Lift.

Select the Installation Site

Location - When selecting a location for your MaxJax, keep the following in mind:

1. The MaxJax is approved for indoor installations only. **OUTDOOR INSTALLATIONS ARE PROHIBITED!**
2. **Power** - The Lift requires 115 VAC or 230 VAC electrical power protected by an appropriate circuit breaker or fuse. A licensed Electrician is required to provide any electrical work in accordance with local, state and National Electrical Codes.
3. It is the installer's responsibility to consult qualified personnel to address any special local, state and national structural and seismic anchoring requirements specified by any other agencies and codes such as the Uniform Building Code (UBC) and/or International Building Code (IBC).
4. **Architectural Plans** - Consult the architectural plans for the desired location. Make sure there are no contradictions between what you want to do and what the plans allow. Do not install on a secondary floor level or any ground floor with a basement beneath without consulting the building Architect and acquiring the approval of BendPak Inc.
5. Never install the MaxJax on hand-mixed concrete.
6. **Shimming** - If the concrete floor is not level, shims may be used under the base of the posts, as required to level the Lift. Do not exceed 1/8 in. (3.1 mm) in shim height
7. **Floor**
 - a. Visually inspect and reject any installation site with cracked or defective concrete.
 - b. Only install the Lift on a flat concrete floor with no more than 3 degrees of slope.
 - c. Do **not** install on asphalt or any other surface.
 - d. No MaxJax Anchors are permitted within 6 in. (152 mm) of expansion seams, control joints or other inconsistencies in the concrete.
 - e. Never cut or drill into a Post-Tensioned Concrete Slab. Seek qualified personnel to identify the post-tension cable locations.

Concrete Specifications:

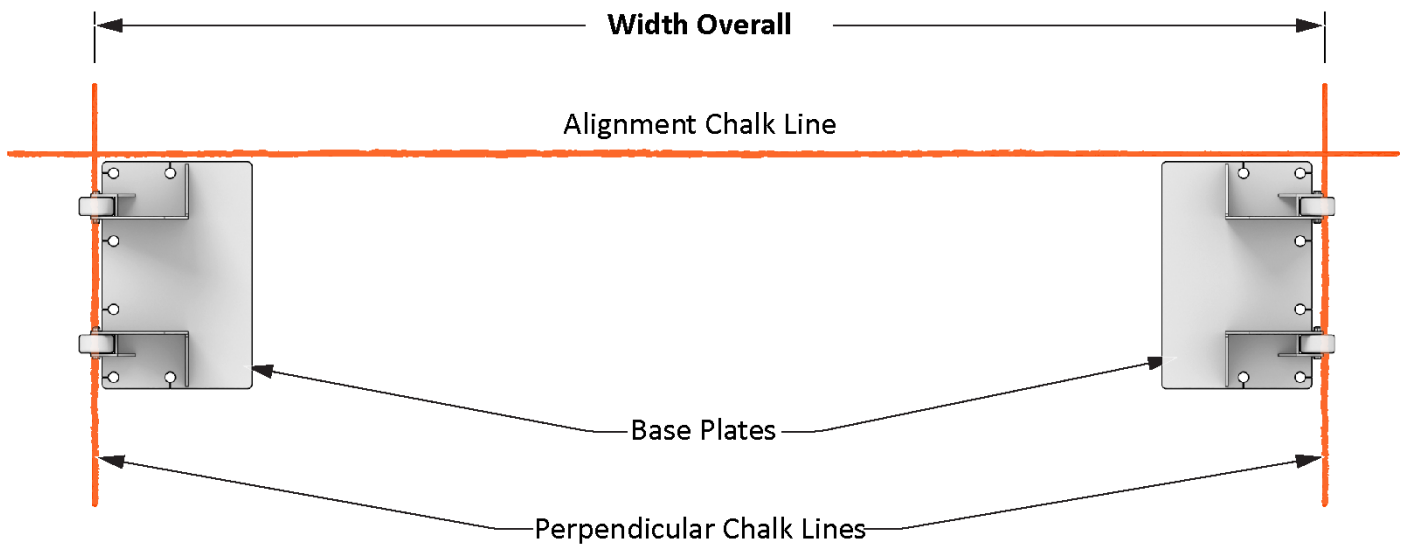
- Depth: 4.25 in. (108 mm) minimum
 - Compressive Strength Rating: 3,000 psi (206.8 bar) minimum
 - Cure: 28 Days minimum
 - Steel Reinforced
8. **Overhead Clearance** - Check above the proposed Lift location for building supports, heating ducts, electrical lines, low ceilings, and so on. There must be vertical clearance above the vehicle(s) being lifted. When the Lift is at its maximum rise a required minimum clearance of 2 in. (50 mm) above the tallest vehicle you will lift must be present.
 9. **Side Clearance** - 36 in. (914 mm) distance to nearest obstruction.
 10. **Front and rear clearance** - 144 in. (3,658 mm) distance to nearest obstruction.

Chalk Lines

1. Measure the Vehicles to be lifted and determine the best width between the MaxJax base plates. Generally, Vehicles using the MaxJax require a “Drive-Thru” dimension of 74 to 104 in. (1,883 to 2,642 mm) which creates 105 to 135 in. (2,667 to 3,429 mm) measured between the rear of the Base Plates.
2. Create an alignment chalk line on the floor at the front of the Lift.
3. Create two perpendicular lines at 90° to the alignment Chalk Line to define the back of the Base Plate position. These perpendicular lines will generally measure somewhere between 105 and 135 in. apart (2,667 to 3,429 mm).
4. Review your dimensions and chalk lines to verify the layout is square and located correctly. Make a test run with a vehicle to verify the layout and spacing prior to committing to these dimensions.

NOTE: Wide or narrow installations are possible, depending on the Vehicles to be lifted.

Additional Anchor Bolt locations may be installed for multiple Lift configurations. Additional Anchor Kits (SKU 5210591) and Expoy Kits (SKU 5210538) are available for purchase separately.



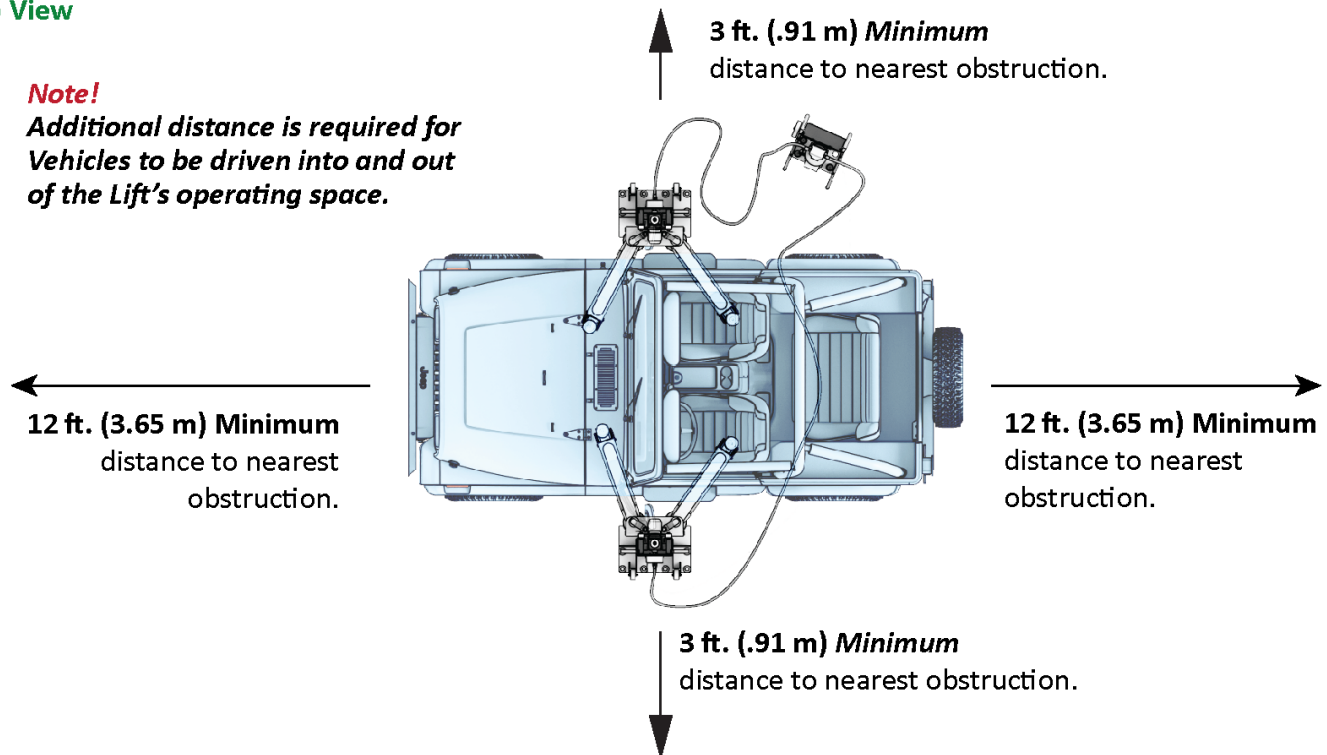
Clearances

Clearance around and above the Lift is **required for safety**. Provide adequate clearance around the lift to ensure safe operation, vehicle positioning, and service access. Surrounding equipment, walls, and structural elements should be arranged to allow free and unobstructed movement of personnel, vehicles, and service equipment. For proper anchor performance, position the lift no closer than 6 in. (150 mm) from any foundation expansion joint, control joint, or edge of the concrete slab. Refer to the figure below.

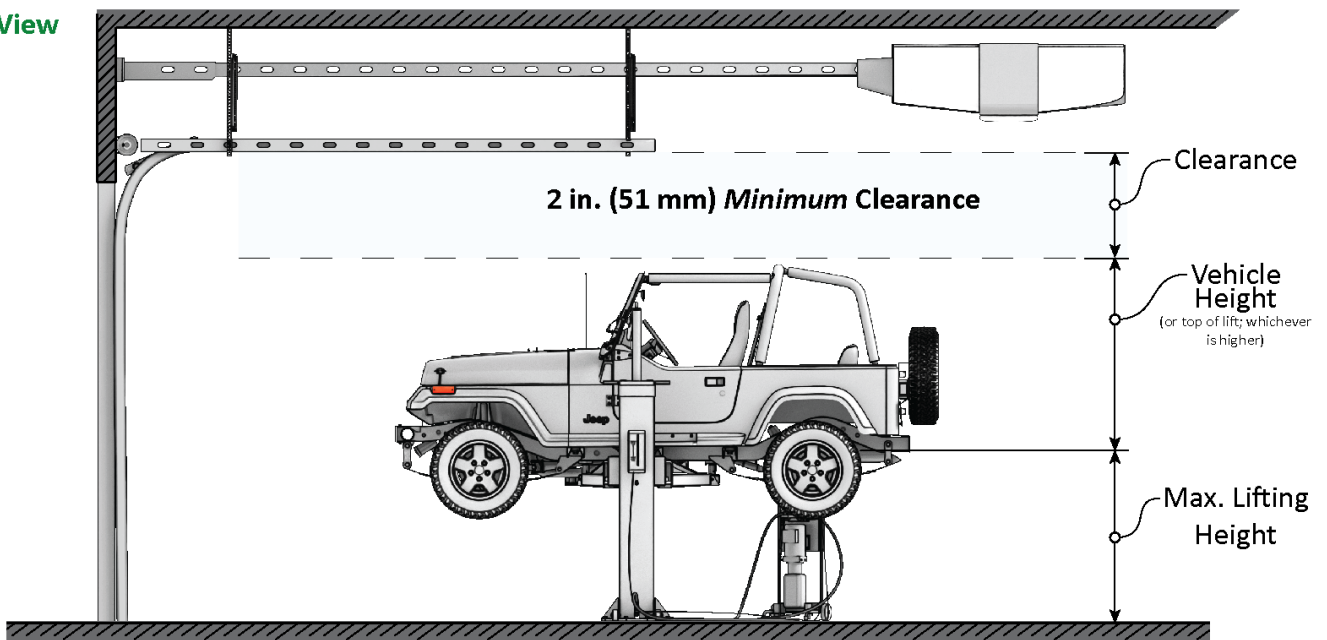
Top View

Note!

Additional distance is required for Vehicles to be driven into and out of the Lift's operating space.



Side View



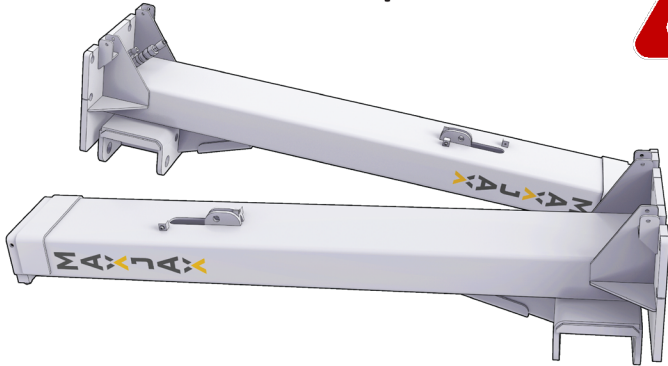
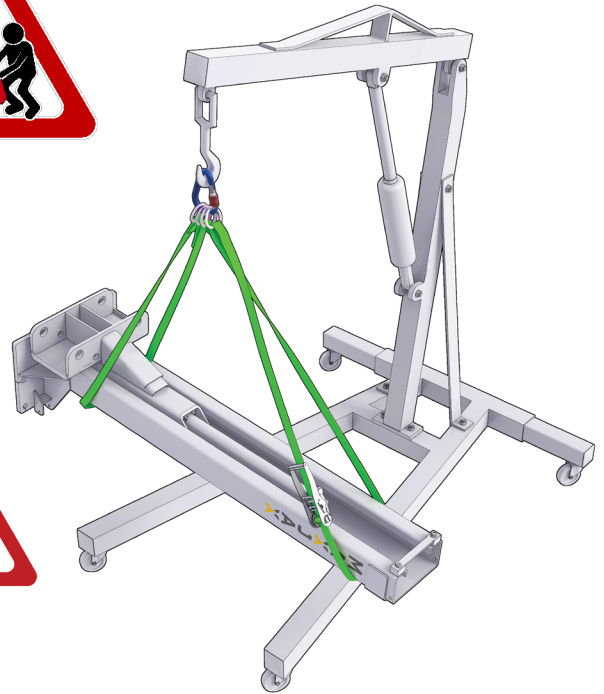
Unload



CAUTION

Use caution when removing the Lift from its shipping material. The posts can potentially slide and cause injury. Make sure the posts are securely held by a forklift or other lifting device.

Unpack and unload the packaged MaxJax MAX7 Lift components.



Heavy objects: single-person lifting could cause injury; seek assistance when moving or lifting.

Use caution removing the lift from the shipping material; the posts can potentially slide and cause injury. Make sure the posts are securely held by a forklift, shop crane or other lifting device.



Lay both MAX7 Posts on floor with Lift Heads facing upwards

Lift Head



Lift Head

Heavy objects: single-person lifting could cause injury.

Both Posts must be laid on the floor (or sawhorses) for this procedure.

Failure to do so can lead to product damage or serious injury to anyone near the Lift. Make sure there is clear access to both Lift Heads before moving forward with next steps.



Install Post Handles, Straps & Wheels

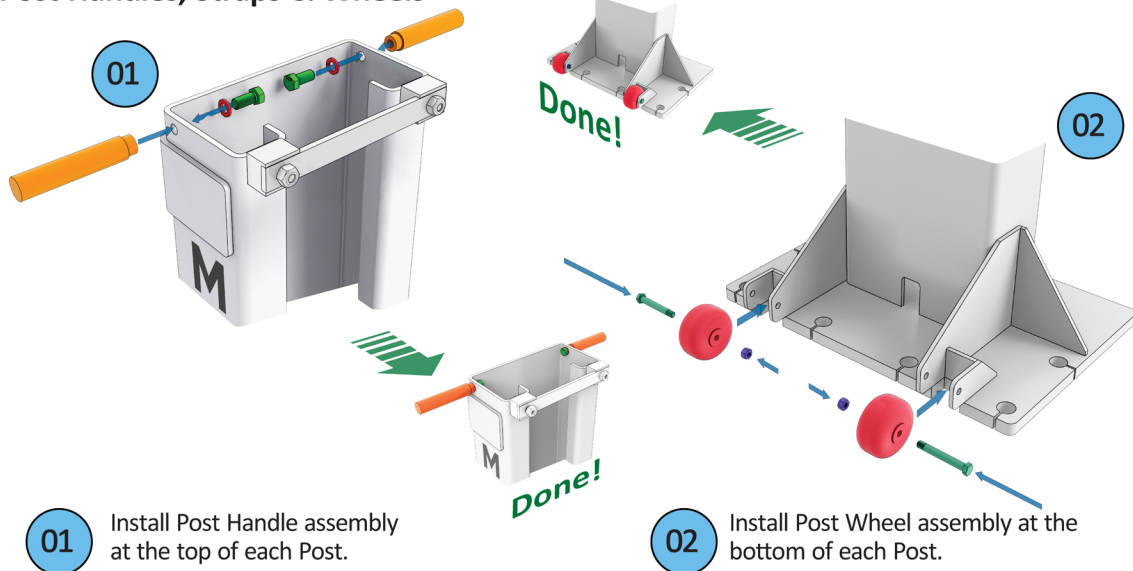
The straps should be preinstalled; install the Post Handles and Wheels as shown in illustrations below.

4x Handles (5505071)

4x Split Ring Lock Washer (5545200)

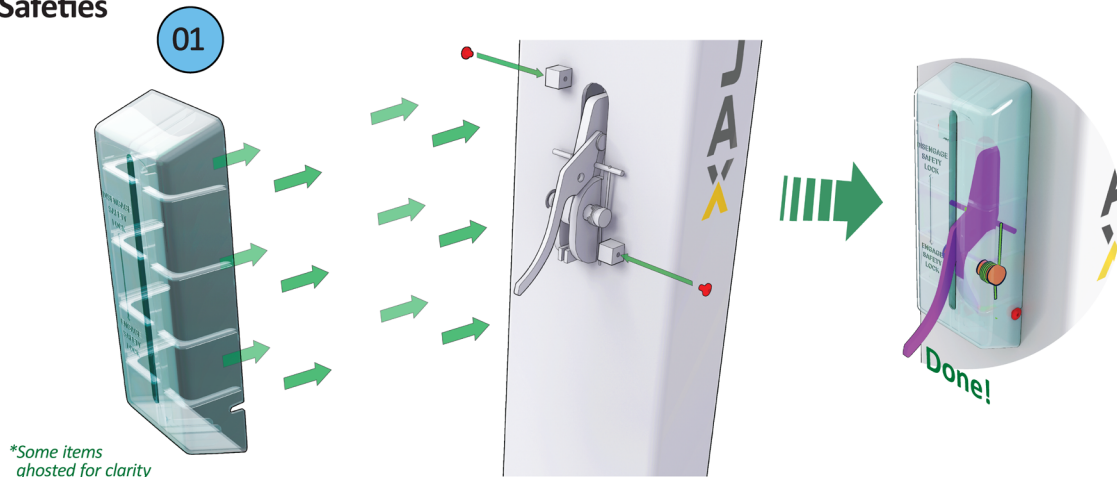
4x Hex head Bolt M10 x 25 (5530738)

Post Handles, Straps & Wheels



Safety Assembly Covers

Safeties

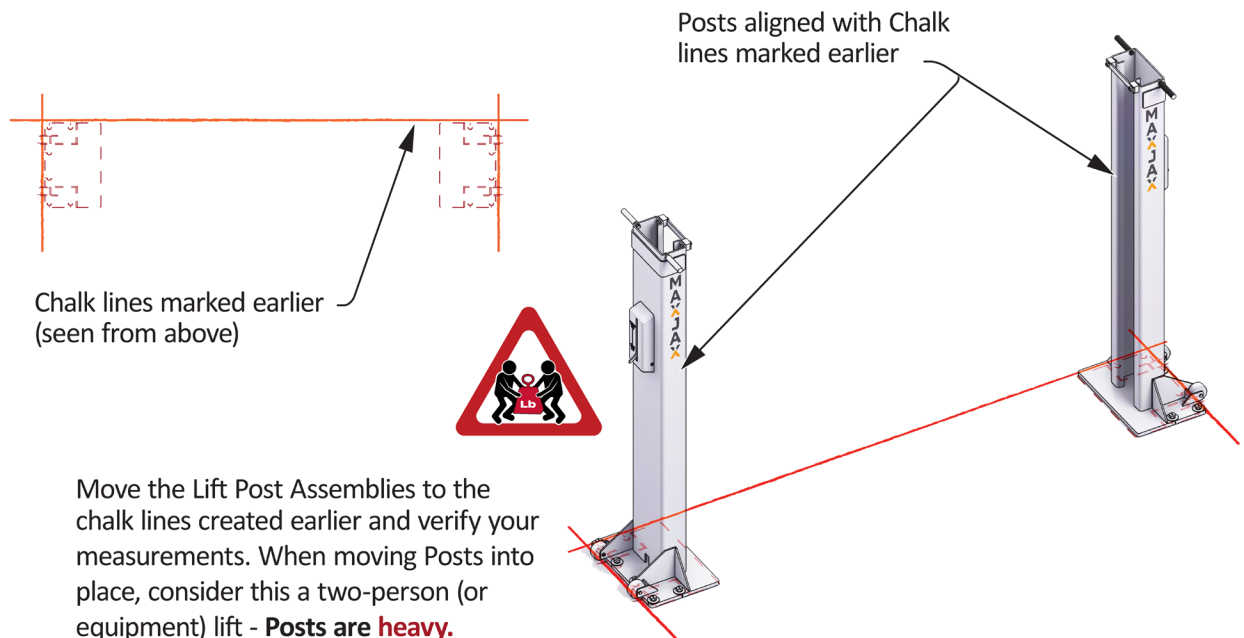


Anchor the Lift Posts

-  **WARNING** Inspect all anchors for proper setting and/or damage each time the Lift is re-installed. Do not re-install the Lift if any of the anchors are defective or the concrete is cracked/defective.
-  **WARNING** Use only the anchors and bolts supplied with the Lift. If you use components from a different source, you void your warranty and compromise the safety of everyone who installs or operates the Lift.
-  **WARNING** Lift Buyers are responsible for conforming to all regional, structural, and seismic anchoring requirements specified by any other agencies and/or local codes, such as the Uniform Building Code and/or International Building Code.

Move the lift posts to the chalk lines created earlier and verify the measurements.

Chalk Lines & Post Setup

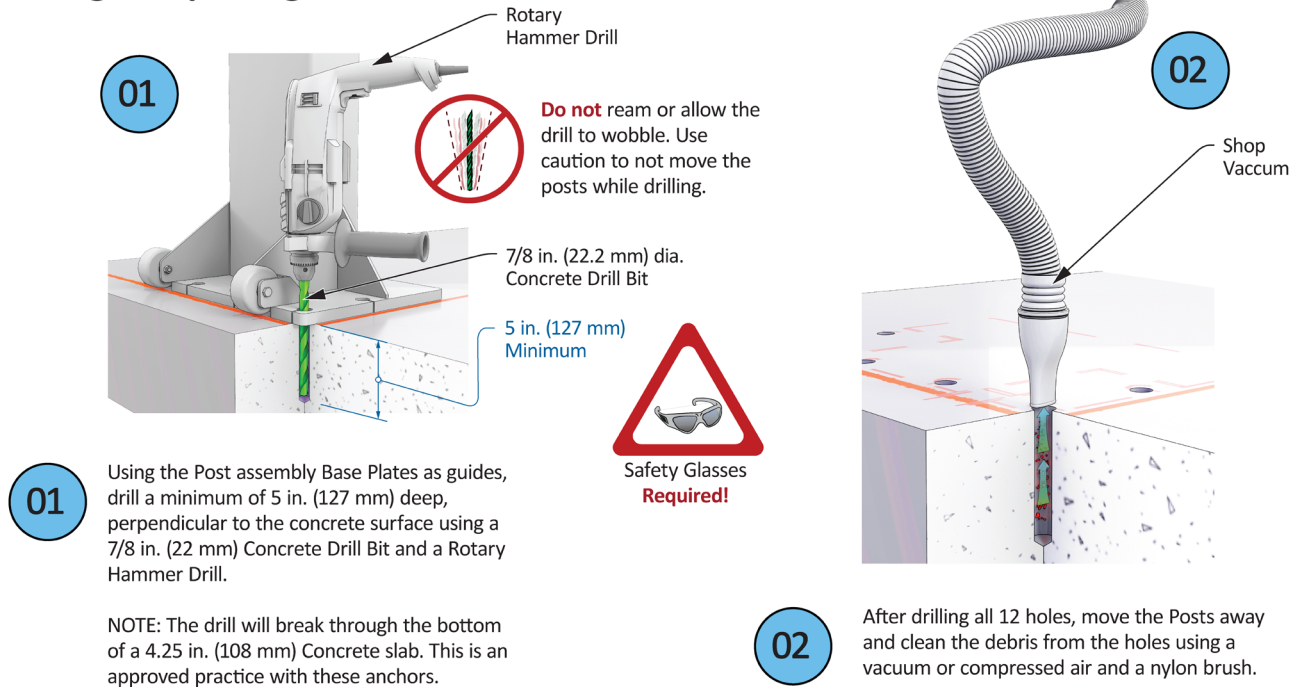




WARNING

Appropriate personal protective equipment is required – eye protection and ear protection should be worn to minimize risks.

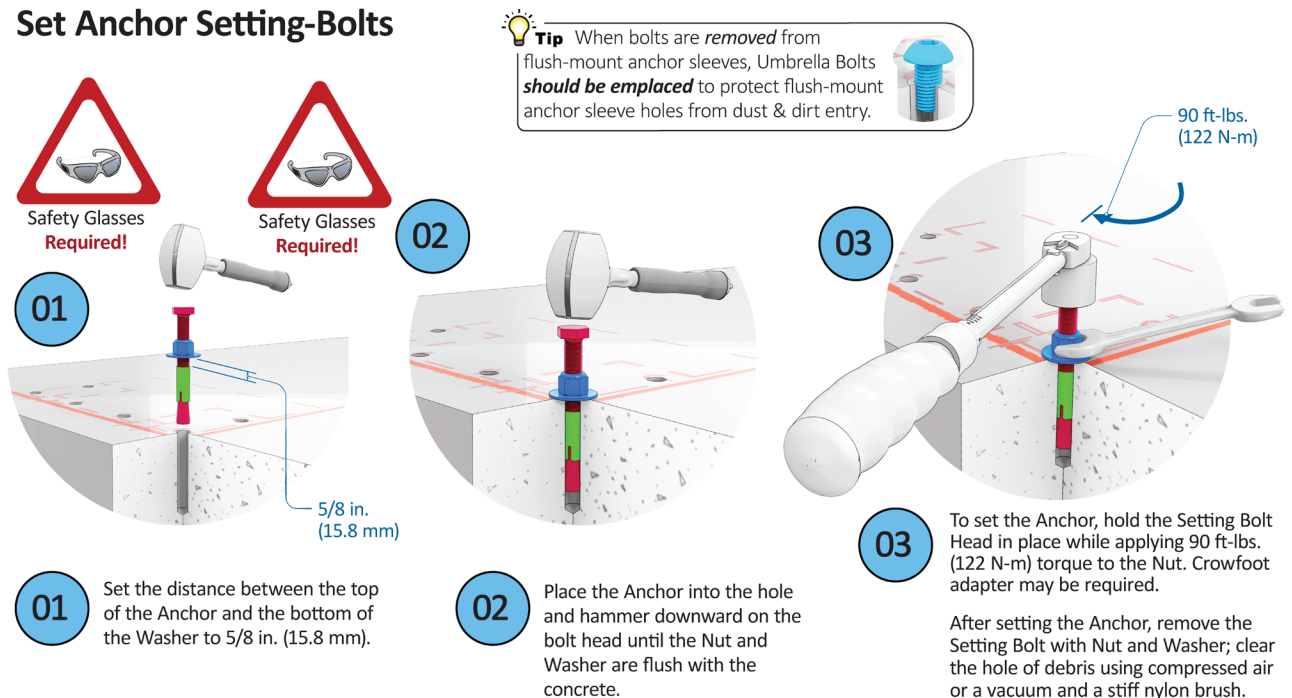
Drilling and placing Anchors



Retrieve the anchor bolt kit (5210591).

Fully thread the M16 x 2 x 100mm setting bolt (5530498) with an M16 x 50 flat washer (5545020) and M16 hex nut (5535021) onto the anchor. Follow steps below.

Set Anchor Setting-Bolts



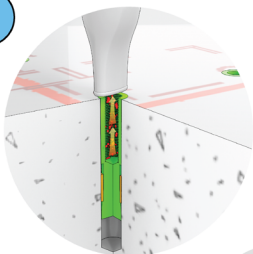
IMPORTANT!

Clean and remove any debris from all twelve anchors **prior** to attempting to thread fasteners into them.

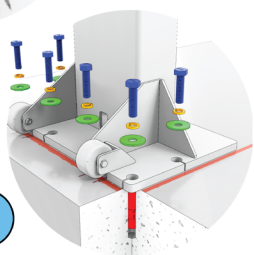
Set & Shim Posts

Tip As you plumb and square the posts, it **may** be *helpful* to mark, photograph or otherwise note the **location** and count of the Shims used at each Anchor point to assist during future Lift Post installations.

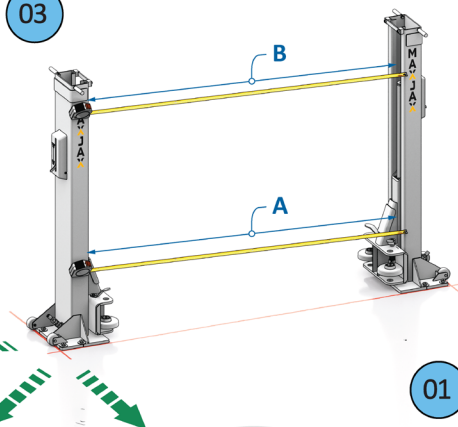
01



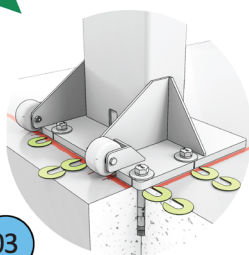
02



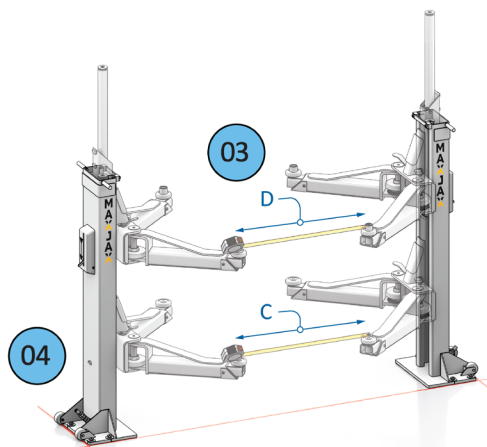
03



03



04



01

Clean and remove any debris from all twelve Anchors *prior* to attempting to thread a fastener into them. First brushing then vacuuming, or compressed air blowout should work.

02

Install both Posts using the M16 Bolts and Washers from the Anchor Bolt Kit 5210591, **initially** made **finger tight**.

03

To make the posts parallel, dimensions A and B **must be equal**. Install shims between the Base Plate and the Concrete as required to ensure the posts **are parallel**. Check that measures C & D are **equal** at Lift Pad centers to **confirm** Posts are parallel.

04

Torque *all* anchor bolts to 60 ft-lb. (81 N-m).

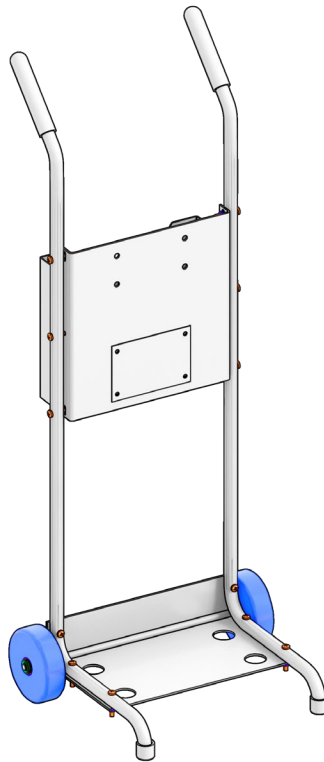
Install both Posts using the M16 Bolts and Washers from the Anchor Bolt Kit 5210591, made finger tight.

Plumb each Post to set measures A & B equal, to set Posts Parallel. Install shims between the Base Plate and the Concrete as required to ensure the posts are parallel. Check that measures C & D are equal at Lift Pad centers to confirm Posts are parallel; C & D are measured at the lowest and highest safety lock positions.

Torque all anchor bolts to 60 ft-lb. (81 N-m).

Assemble the Power Unit Cart

Retrieve the power unit cart, and confirm that components are all present and assembled per the illustration below.



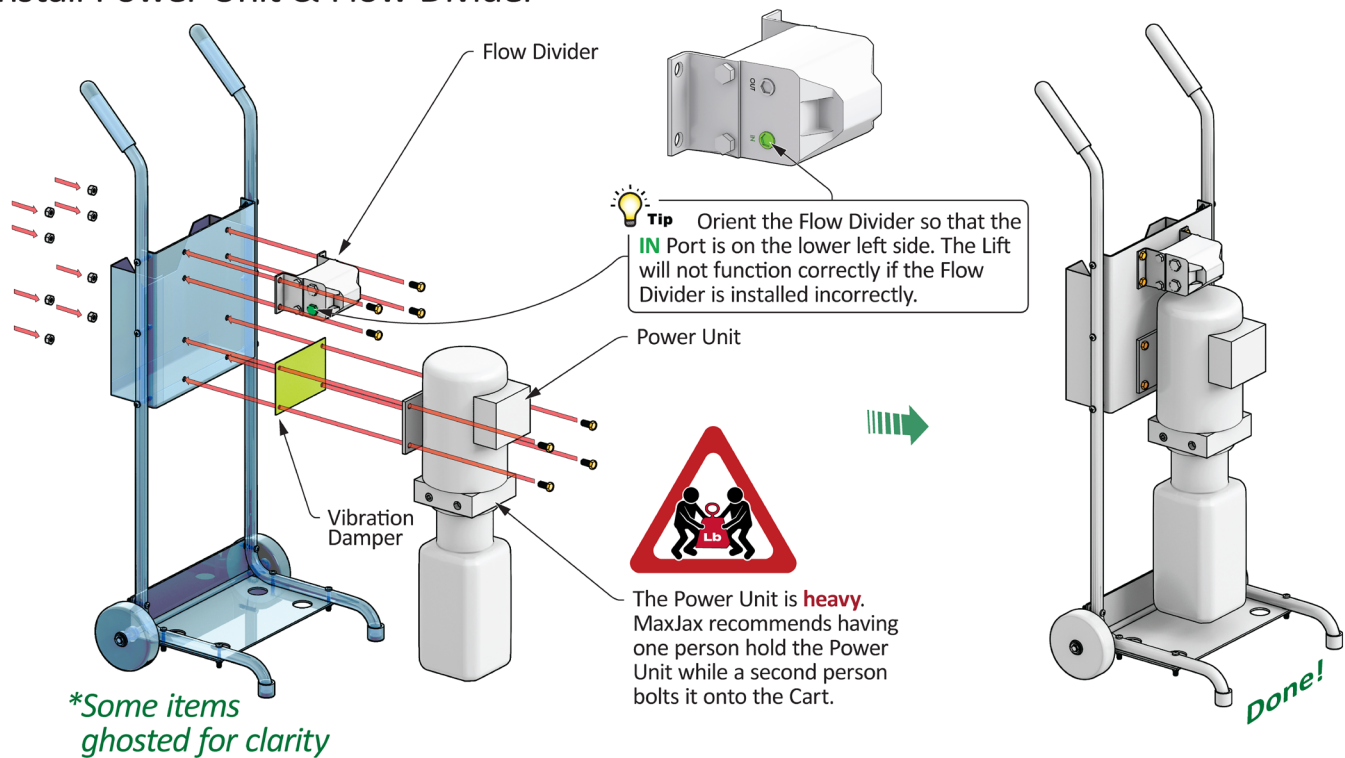
Attach the Power Unit and the Flow Divider

- ⚠ DANGER** Never expose the power unit to rain or damp environments. Damage to the motor caused by liquid is not covered by the warranty.
- ⚠ DANGER** **Risk of explosion:** This equipment has internal arcing or parts that may spark and should not be exposed to flammable vapors. The power unit's motor should **not** be located in a recessed area or below floor level. Mount the motor at least 18 in. (457 mm) above the floor. Never expose the motor to rain or other damp environments; damage to the motor caused by water is not covered by the warranty.
- ⚠ WARNING** Orient the flow divider so that the IN port is on the lower left side. The Lift will not function correctly if the flow divider is installed incorrectly.
- ⚠ CAUTION** The Power Unit is heavy. MaxJax recommends having one person hold the Power Unit while a second person bolts it onto the Cart.

Retrieve the components listed below and assemble as shown in the figure below.

Part Number	Description	Qty.
REF.	Power Unit	1
REF.	Flow Divider	1
5715003	Vibration Damper	1
5530304	M8 x 20 Hex Bolt	8
5535001	M8 Nylon-Insert Locknut	8

Install Power Unit & Flow Divider



About Thread Sealants

Liquid Thread Sealant lubricates and fills the gaps between the fitting threads and leaves no residue that could contaminate the hydraulic fluid.

Other types of Thread Sealants (like Teflon Tape) can shred during installation or removal, and eventually enter the Hydraulic System.

Thread Sealant *can* be used with most hydraulic fittings; typically it is only with NPT or other *tapered* connectors: pay *close attention* to where Thread Sealant is to be used.

Apply thread sealant when the ambient temperature is between +46.5°F to +70°F (+8°C to 21°C).

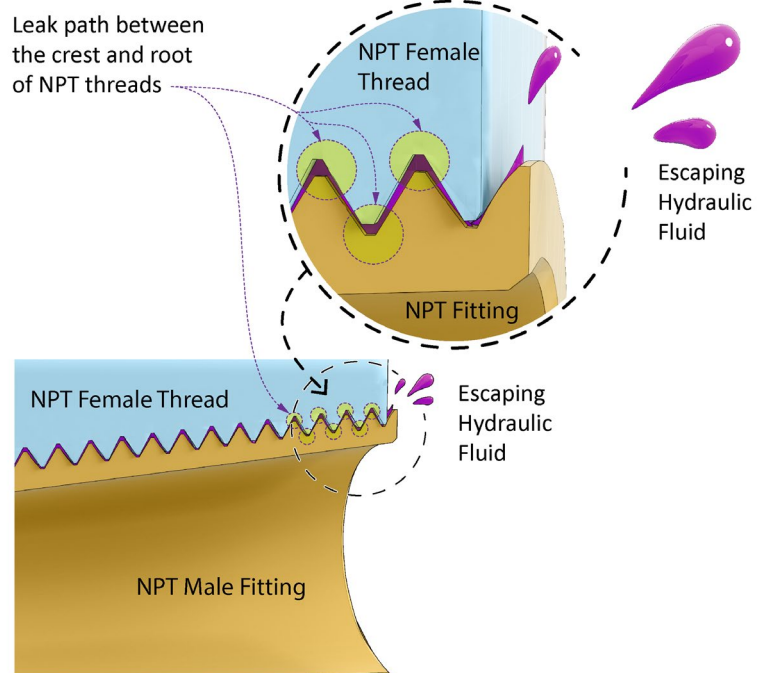


To apply the Thread Sealant:

1. Make sure the fittings and connectors you are going to use are clean and dry.

If you are adding thread sealant to a fitting or connector that has already been used with a different sealant, use a wire brush to thoroughly remove the old sealant before adding more.

2. Skipping the first thread, apply a small amount of Thread Sealant to the next four threads of the fitting.

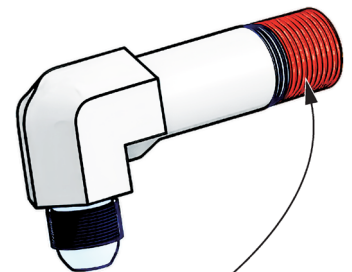


⚠ WARNING Always wear the proper protective equipment when handling Thread Sealant.

Only a *small* amount of sealant is required; the sealant *spreads* to the other threads as it is tightened into place.

If too much is applied, the excess liquid will be pushed out when the fitting is tightened; use a clean shop towel to wipe away the excess.

3. Tighten the fitting into the connector; do **not** over tighten the fitting.
4. Allow the **24-hour** manufacturer-recommended curing time before pressurizing the system.



JIC x NPFT
Fitting: thread Sealant
only on NPT threads

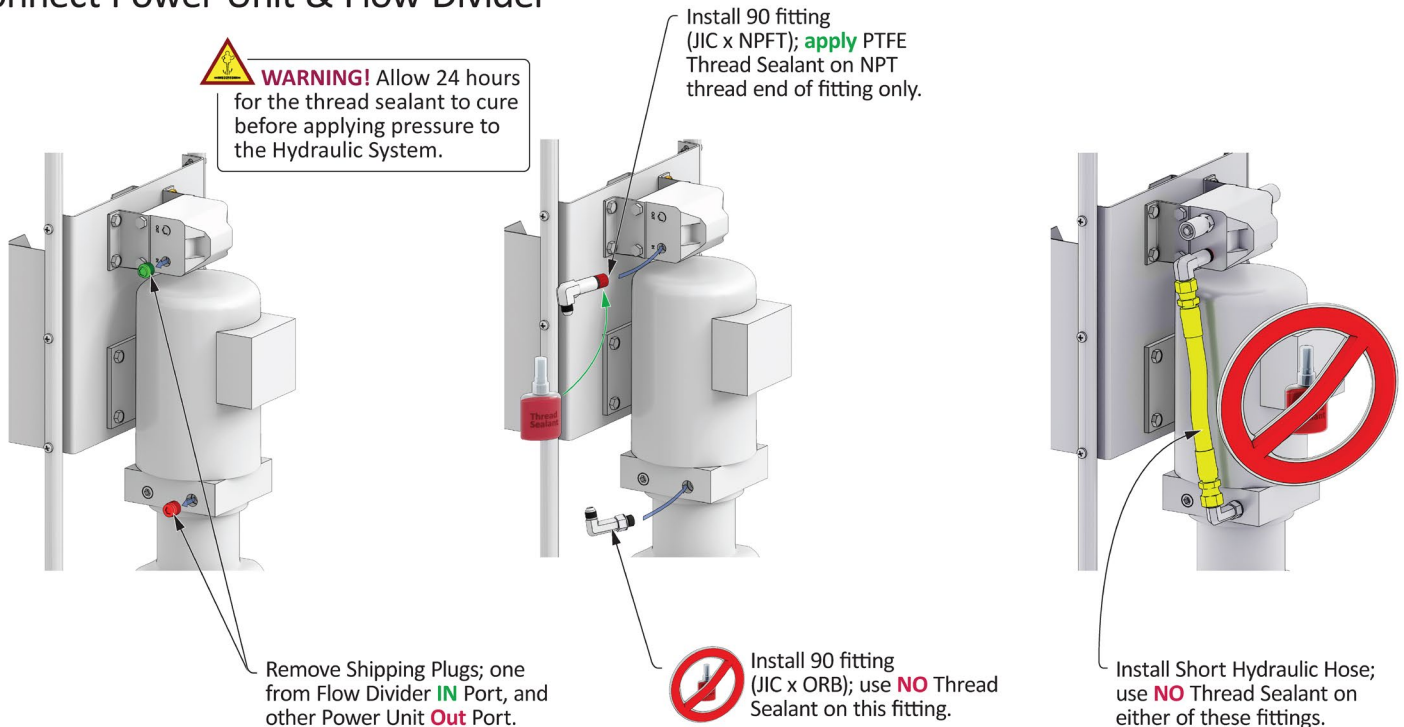
Connect to the Flow Divider

Retrieve the following components from the parts box:

Part Number	Description	Qty.
5570242	Short Hydraulic Hose Ø10 x 295 mm	1
5550170	Elbow 3/8" JIC Male x 3/8" NPTF Male, Long	1
5550074	Elbow 3/8" JIC Male x 3/8" ORB Male, Long	1
5580012	Liquid PTFE Thread Sealant 50ml	1

1. Remove the shipping plugs from the flow divider **IN** port.
2. Remove the shipping plug from the power unit **OUT** port.
3. Apply thread sealant (D) to the NPT side of the elbow (B).
4. Thread into the **IN** port of the flow divider.
5. Apply O-ring lubricant or a few drops of hydraulic fluid to the O-ring on the remaining elbow (C).
6. Thread (C) into the **OUT** port of the power unit.
7. Install the short hydraulic hose (A) between the two elbows (B and C). No thread sealant is required on JIC connections.

Connect Power Unit & Flow Divider



Install the Hydraulic Hoses

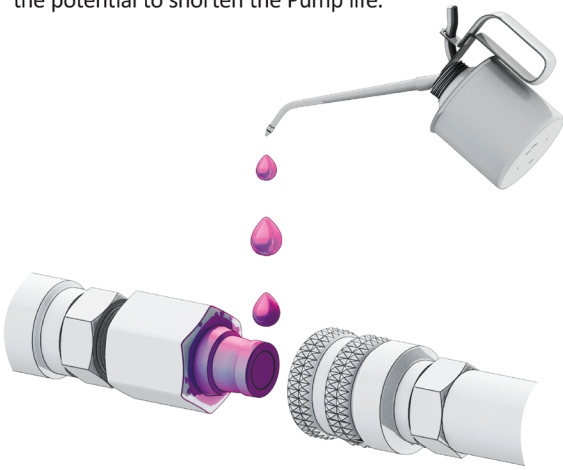
⚠ CAUTION Allow 24 hours for the thread sealant to cure before applying pressure to the hydraulic system.

1. Install one female quick-connect coupling (5550015) on each long hydraulic hose (5570241).
2. Apply thread sealant to the **threaded** ends of both long hoses and connect to the **OUT** ports of the flow divider.
3. Attach the long hydraulic hoses from the flow divider to the left and right lift post cylinders.

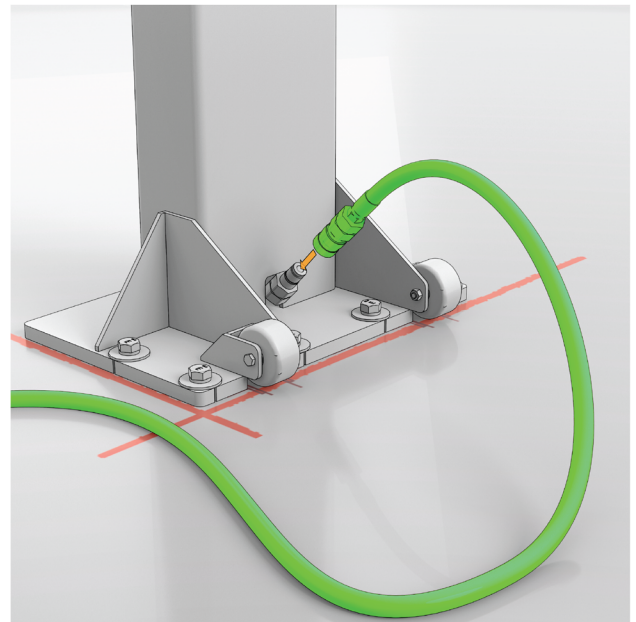
IMPORTANT! Use **no** thread sealant on quick-connect couplings.

Connect Hydraulic Hoses to Posts

Thoroughly inspect all Hydraulic Fittings and Hoses for debris prior to assembling! Any debris such as metal, Teflon tape, or dirt that enters the Hydraulic System has the potential to shorten the Pump life.



Prior to **each** use of the Quick-Connect Fittings, clean them with a new shop towel, then lubricate the male quick-connects with Silicone O-Ring Grease or Hydraulic Fluid in the **highlighted** area shown in the figure for optimal performance and reliable sealing.



Attach the Left and Right Hydraulic Hoses to the Left and Right Lift Post Cylinders through the Quick-Connects.

Use **no** Thread Sealant on these Fittings.

⚠ CAUTION Prior to **each** use of the quick-connect couplings, clean them with a new, clean shop towel, then lubricate the male quick-connects with silicone O-ring grease or hydraulic fluid in the shaded area shown in the illustration. *Lubricating these fittings will improve their performance and extend their life.*

⚠ CAUTION Inspect all hydraulic fittings and hoses for debris prior to assembling. **Any** debris, such as metal, Teflon tape, or dirt that enters the hydraulic system has the potential to **shorten** the power unit's pump life.

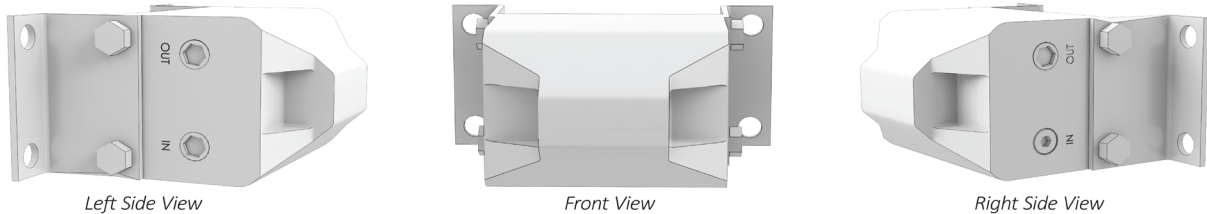
Hydraulic Flow Divider Information

Important Flow Divider Information

There is a Hydraulic OUT Port on either side of the Flow Divider, and a Hydraulic IN Port below these OUT ports. The Ports may be configured differently based on the actual Flow Divider shipped with your MaxJax.

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

If your Flow Divider looks like the illustrations, **connect** the two long Hydraulic Hoses to the top OUT Ports, and the Short Hydraulic hose connects to the Bottom Left IN Port.



The long Hydraulic Hoses connected between the Flow Divider and the Lift Cylinders **must** be the **same** length $\pm 5\%$.

The MaxJax is a **Hydraulically Equalized Lift**. Unequal Hose lengths may cause unequal lifting resulting in an imbalance, and a subsequent loss of load.

Many customers choose to move the Hydraulic Hoses out of the immediate Lift area and so require longer Hoses; *if you choose to fabricate custom Hydraulic Hoses*, choose a reputable, certified Hydraulic Hose fabricator, and **verify** that the Hose lengths are **equal** to within $\pm 5\%$. Additional Hydraulic Fluid will also be required to fill the added volume which results from greater hydraulic hose length.

WARNING

The long hydraulic hoses connected between the flow divider and the lift cylinders **must** be the same length $\pm 5\%$.

The MaxJax is a Hydraulically Equalized Lift. Unequal hose lengths may cause unequal lifting resulting in an imbalance and a subsequent loss of load. Many customers choose to move the power unit and hydraulic hoses out of the immediate Lift area which will require longer hoses. If you choose to fabricate custom hydraulic hoses, choose a reputable, certified hydraulic hose fabricator, and verify that the hose lengths are equal within $\pm 5\%$. Additional hydraulic fluid will also be required.

Hydraulic System Dangers and Warnings

Before applying power to the Hydraulic System, note the following Dangers and Warnings:

-  **DANGER** Failure to observe these warnings can result in serious personal injury including, in rare cases, death.
-  **DANGER** The Power Unit is a Hydraulic Pump capable of developing pressures in excess of 5,000 psi (345 BAR). A pressure relief valve is used to set the pressure at the desired level. Tampering with, adjusting, modifying, or removing the relief valve is extremely dangerous and is not permitted.
-  **DANGER** Changes to the output pressure may render the power unit incompatible with pressure limitations of other components in the hydraulic circuit. This may cause catastrophic failure of those components, and could result in property damage, severe personal injury, or death.
-  **DANGER** The Hydraulic System can contain high pressure which, if suddenly released, can cause severe injury or death.
-  **DANGER** The Hydraulic hoses and connections **must** be inspected before any attempt to raise a Vehicle is made.
-  **DANGER** **Verify** all Hydraulic Hose connections and fittings, including unused auxiliary port plugs on the Power Unit, the Flow Divider, the Cylinders and anywhere else in the Hydraulic System are tightened.
-  **WARNING** BendPak Does not supply hydraulic fluid or lubricants with the Lift. Always refer to the Safety Data Sheet (SDS) for safe handling and disposal information. MSDS are available from the hydraulic fluid or lubricant's supplier or manufacturer.
-  **WARNING** Do **not** attempt to connect or disconnect Hydraulic Hoses while the equipment is loaded or while a Vehicle is on the Lift or the Hydraulic System is under pressure.
-  **WARNING** Keep bare hands away from Hydraulic Fluid; always wear gloves when handling Hydraulic Fluid, Cylinders or Hydraulic Hoses.
-  **WARNING** When handling Hydraulic Fluid, always observe the manufacturer's safe handling instructions found in their Safety Data Sheet (SDS).
-  **WARNING** **Always** promptly clean any Hydraulic Fluid spills. If a leak is the source of the spill, lockout the Lift to prevent use until the Hydraulic System is repaired.
-  **WARNING** The MaxJax is a Hydraulically Balanced Lift. The Hydraulic Hoses supplying the Lift Cylinders must be the same length within 5%. If a hose is replaced verify the length is within 5% of the original MaxJax Hydraulic Hose.
-  **WARNING** This Power Unit Motor and Pressure Relief Valve are **not** user-serviceable – all other Power Unit components may be serviced by *qualified personnel only*; **prior** to commencing any such work, call MaxJax Service for detailed instructions: **(844) 629-5291**; then follow prompts.

Fill the Power Unit

 **CAUTION** Any contaminants in the hydraulic system will shorten the life of the Hydraulic Power Unit.

Use a clean funnel with a filter to fill the hydraulic reservoir with ≈7 quarts (6.6 liters) of approved hydraulic fluid. **Do not** overfill the reservoir.

Any general-purpose ISO-32, ISO-46 or ISO-68 hydraulic oil is the recommended hydraulic fluid for the MaxJax. Use only, clean uncontaminated oil in the MaxJax hydraulic system.

More fluid may be required to top off the reservoir after the bleeding process.

Connect to Electrical Power

 **DANGER** All wiring **must** be performed by a licensed Electrician in accordance with all applicable national and local electrical codes. If your organization has Lockout/Tagout policies, make sure to implement them after connecting to a power source. Do not perform any maintenance until main electrical power has been disconnected from the Lift and cannot be re-energized until all procedures are complete.

 **DANGER** This power unit must be grounded. Failure to connect the motor frame to the equipment grounding conductor by using the green screw or green wire provided may result in a serious electrical shock.

 **DANGER** **Risk of explosion:** This equipment has internal arcing or parts that may spark and should not be exposed to flammable vapors. The power unit's motor should **not** be located in a recessed area or below floor level. Mount the motor at least 18 in. (457 mm) above the floor. Never expose the motor to rain or other damp environments; damage to the motor caused by water is not covered by the warranty.

Important Electrical Information:

- Improper electrical installation may damage the power unit motor, which is not covered by the warranty.
- This power unit must be kept dry. Damage to the power unit caused by water or other liquids such as detergents, acid, etc. is not covered under warranty.
- Use a separate circuit breaker for each power unit.
- The power unit motor is for intermittent use only. Continuous use is prohibited.

 **WARNING** Running high electrical current that exceeds the motor's full load amps (FLA) rating may result in permanent damage to the motor. BendPak strongly recommends you **do not** exceed the rated duty cycle of the Lift motor.

- Protect each circuit with a time delay fuse or circuit breaker. Typical electrical power requirements and duty cycle:
 - Power Unit (5585802) 230 VAC, 50/60 Hz., FLA 7.4A single phase circuit, protected by an appropriate time delay fuse or circuit breaker for the power unit delivered with the Lift. Duty Cycle 1 minute on, 9 minutes off.
 - Power Unit (5585914) 115 VAC, 60 Hz., FLA 15A, single phase circuit, protected by an appropriate time delay fuse or circuit breaker for the power unit delivered with the Lift. Duty cycle 2 minutes on, 15 minutes off.

IMPORTANT! The Power Unit supplied with this Lift **does not** include thermal overload protection. Under NEC 430, UL 201, and CSA C22.2 No. 68 intermittent duty motors are not required to include thermal protection. Local electrical codes may vary, and other requirements may exist that the installing electrician will address, if required.

DANGER If local Electrical codes require the installation of a thermal disconnect, the disconnecting device and the installation **must** be provided by a licensed Electrician in accordance with local electrical codes. Do not perform **any** maintenance or installation on the Lift without first verifying that main electrical power has been disconnected from the Lift and **cannot** be re-energized until all procedures are complete.

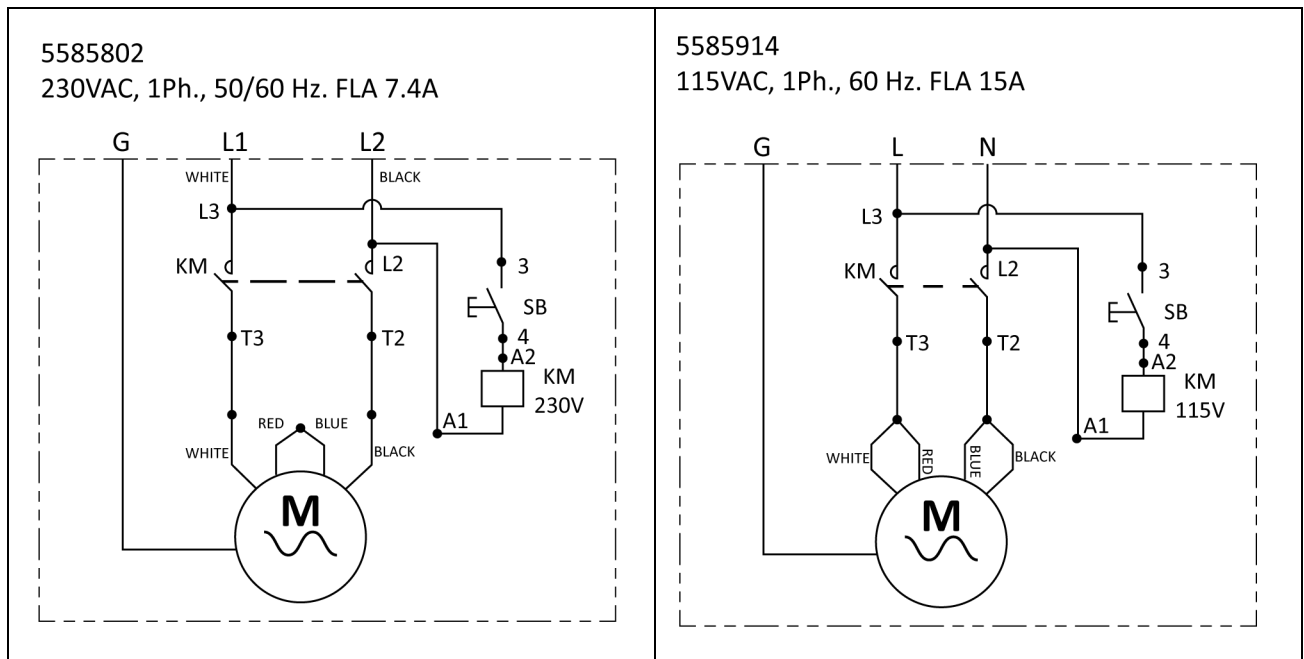
Provide Electrical Power to the Power Unit:

1. The power unit is delivered with a pigtail exiting the electrical junction box. The Electrician is to locate the pigtail and open the electrical junction box.
2. Remove the pigtail and then provide and install a power cord using wire sized appropriately to the voltage, amperage and distance required by the MaxJax and NEC. *Wire is not included with the MaxJax. Refer to the wiring diagrams below.*
3. Provide and install a plug appropriate to the voltage and amperage required by the MaxJax. *The plug is not included with the MaxJax.*

DANGER The plug and its wiring must conform to the NEC and local electrical codes.

IMPORTANT! The plug functions as the disconnecting means for this Lift and must be within sight of the Lift at all times.

WARNING Do not run the power unit without hydraulic fluid; you will damage it.



Install the Lift Arms

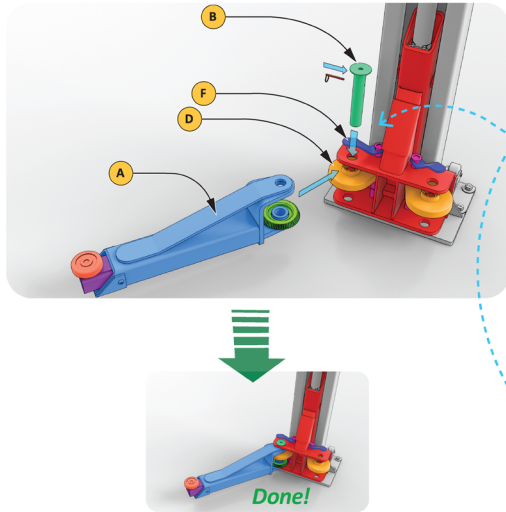
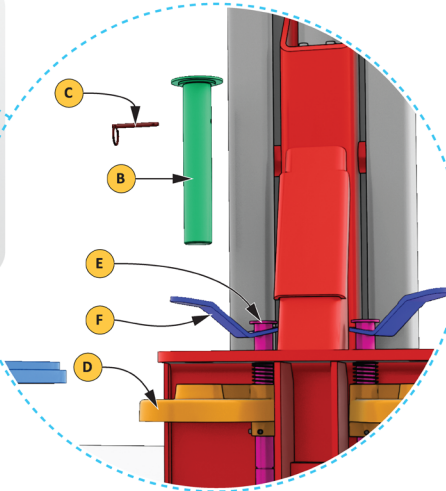
Installing Lift Arms

- A Lift Arm
- B Lift Arm Lock Pin
- C Lift Head Release Pin
- D Full Circle Stop Gear
- E Arm Lock Guide Rod
- F Arm Lock Release Handle



Tip This procedure is *far* easier with two people; one to site and hold the lift arm in place, and one to manipulate the various Pins in the Lift Head.

Use caution and *lift carefully* - Lift Arms are *heavy*.



Step by step:

- 1 **Move** (if necessary) Arm Lock Release Handle **F** to allow Arm Lock Pin to slide upwards out of Lift Head; loosen Stop Gear set screws.
- 2 **Remove** Arm Lift Head Release Pin **C** clear to allow Arm Lock Pin **B** to slide vertically.
- 3 **Raise** Arm Lock Pin **B** clear to allow Lift Arm to slide into position.
- 4 **Raise** Full Circle Stop Gear **D** clear to allow Lift Arm to slide into position.
- 5 **Slide** Lift Arm **A** into position.
- 6 **Lower** Full Circle Stop Gear **D** back down to secure Lift Arm; tighten set screws.
- 7 **Lower** Arm Lock Pin **B** back down to secure Lift Arm.
- 8 **Replace** Arm Lift Head Release Pin **C** to secure the assembly.
- Repeat these steps for all Lift Arms**



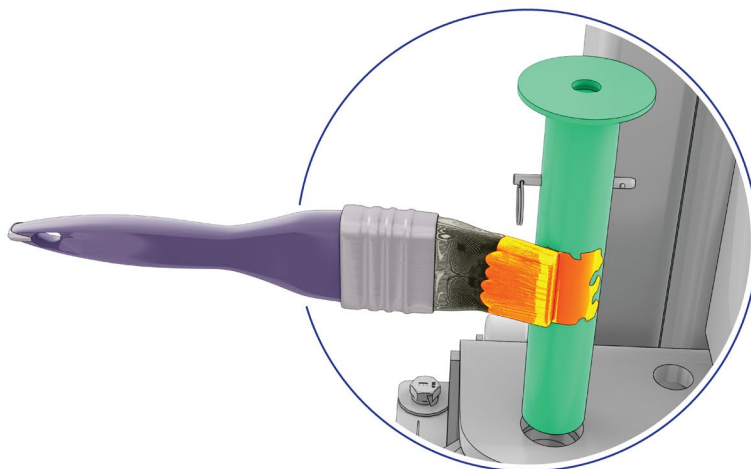
DANGER

All Lift arms ***must be inspected*** and adjusted ***before each use***. Do not operate the Lift if any of the Lift arms are not engaging correctly or show signs of extreme wear.

Lubricate the Lift

Lubricate the Lift Components described below on both Lift Posts with White Lithium Grease.

1. Lubricate the inner sides of both Lift Posts where the slide blocks make contact with the Lift Post.
2. Lubricate all four Lift Arm Lock Pins.



Operation

This section describes how to operate your MaxJax.

⚠ DANGER Automotive Lifts are dangerous tools when used by inexperienced or impaired operators. When you even hear the words “Automotive Lift,” your brain should automatically remember that lifting a **Vehicle is a serious endeavor with life-threatening risks**. Focus on what you are doing.

Operating the MaxJax Safely

⚠ DANGER Your safety is dependent on reading, understanding, and implementing these Safety Rules. **Do not skip over them—read them carefully and follow them; your life may depend on it!**

Do the following each time **before** you raise a Vehicle on your MaxJax:

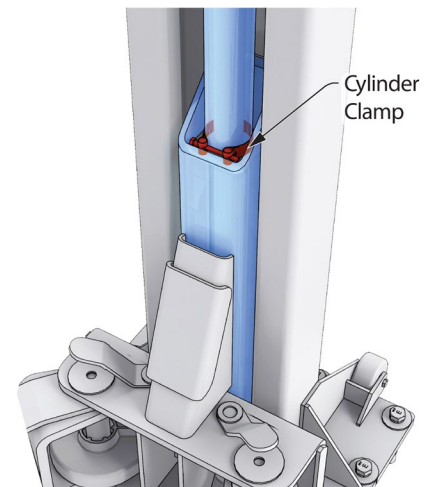
- Check the Lift. Walk all the way around the Lift, checking for any missing, heavily worn, or damaged parts. Do not operate the Lift if you find any issues; instead, take it out of service, then contact your dealer, email **support@maxjax.com**, or call **(844) 629-5291**; follow the prompts.
- Check the area. Keep the area around and under the Lift clean and free of obstructions; anything that could impact the raising or lowering of the Vehicle. Do not forget to check above the Lift. The MaxJax is intended for indoor use and has an operating ambient temperature range of +41° to +104°F (+5° to +40°C). Outdoor installations are prohibited.
- Check the operators. Make sure everyone who is going to operate the Lift has been trained in its use, has read the labels on the unit, and has read the manual. Only the operator at the Controls should be within 30 ft. (9.14 m) of the Lift while it is moving. Do not allow children to operate the Lift. Do not allow anyone under the influence of drugs, alcohol, or medication to operate the Lift. Do not allow any unauthorized personnel to operate the Lift.
- Check for safety. Make sure everyone who is going to be walking near the Lift is aware of its presence and takes appropriate safety measures. Only put Vehicles on the Lift. When raising a Vehicle, do not leave it until it is engaged on a Safety Lock. When lowering the Lift, do not leave it until it is on the ground.
- Check the Vehicle. **Never exceed** the Lift’s weight rating. Do not allow people inside a Vehicle you are going to raise. Make sure the Vehicle is not overbalanced on either end or either side. You must use the factory-recommended Lifting Points for the Vehicle. Never raise just one side, one corner, or one end of a Vehicle. Refer to the ALI webpage for details on Lifting Points – MaxJax recommends *Lifting it Right: A Safety Manual* from ALI and *Vehicle Lifting Points for Frame Engaging Lifts* guide, both available from the ALI web store: www.autolift.org/ali-store/

⚠ WARNING A complete pre-operation inspection is required before using this equipment.

⚠ WARNING The hydraulic hoses and connections must be inspected before any attempt to raise a vehicle is made.

⚠ WARNING Always verify the Cylinder Clamp is secured in place on **both** Lift Cylinders above the Lift Head.

⚠ WARNING **Always** promptly clean any Fluid spills. If a leak is the source of the spill, lockout the Lift to prevent use until the Hydraulic System is repaired.



Additional Operating Information

Keep the following in mind when operating your MaxJax:

- Use it **only** on a hard, flat surface. MaxJax is portable; if you move it to a new location' this new location must meet the MaxJax installation location criteria.
- **Always** verify that you have the proper overhead clearance.
- *Visually inspect the Lift **before each use**.* Do not use it if you find any damage or severe wear to the Lift components.
- Both Posts **must** be anchored in place when the Lift is in operation.
- Make **sure** the Anchor Bolts are securely tightened before each use; *if **any** Anchor Bolts are loose, do **not** use the Lift until all Anchor Bolts are adjusted.*
- **Always** remain clear of the Lift when raising or lowering Vehicles.
- Do **not** attempt to lift a Vehicle in any way with less than all four Lift Arms.
- Do **not** remove or disable any safety equipment which may be part of this MaxJax Lift.
- Do **not** rock the Vehicle or remove heavy components while on the Lift; removal of Vehicle components may alter the weight distribution. Always use safety stands.
- Do **not** begin working on the Vehicle until you have confirmed that both Lift Heads are securely engaged on a Safety Lock position.
- **Never** move under a raised Vehicle without first confirming that both Safety Locks are secured on a locking position of the same height.
- **Always** remove tools, trays, and all other equipment *before* lowering the Lift.
- **Never** drive over the Lift Arms; make sure to *rotate* the Lift Arms to provide an unobstructed exit *before* moving the Vehicle from the Lift area. **Never** drive over hydraulic hoses or fittings.

About Lifting Points, Lift Pad Adapters and Lift Pad Extensions

An important note to keep in mind when using the MaxJax is that the raised Vehicle must be balanced on the four Lift Arms. If the Vehicle is not balanced, it is more likely to become unstable and slide off the Lift, possibly damaging the Lift, the Vehicle, and anything under the Lift, including injuring people.

 **DANGER** You **must** use all four Lift Arms when raising a Vehicle. Never use just one, two, or three Lift Arms to raise a Vehicle. The Vehicle will be unstable and could slip off the Lift, possibly damaging the Lift, damaging the Vehicle, and injuring anyone under it.

 **WARNING** **Never** drive over hydraulic hoses or quick-connect fittings.

To balance a Vehicle on the MaxJax Lift, you need to have the Lift Pad Adapters contact the Vehicle on the manufacturer's recommended Lifting Points. By definition, when you raise a Vehicle by its Lifting Points, the Vehicle is balanced.

NOTICE The manufacturer's recommended Lifting Points do not take into consideration any major changes that might have been made to the Vehicle. If the motor is removed, for instance, or there is a 5,000 lb. (2268 kg) weight in the trunk, the Vehicle's Lifting Points will not be the best balancing points.

Some Vehicles have indicators on the underside that identify the Lifting Points; many do not.

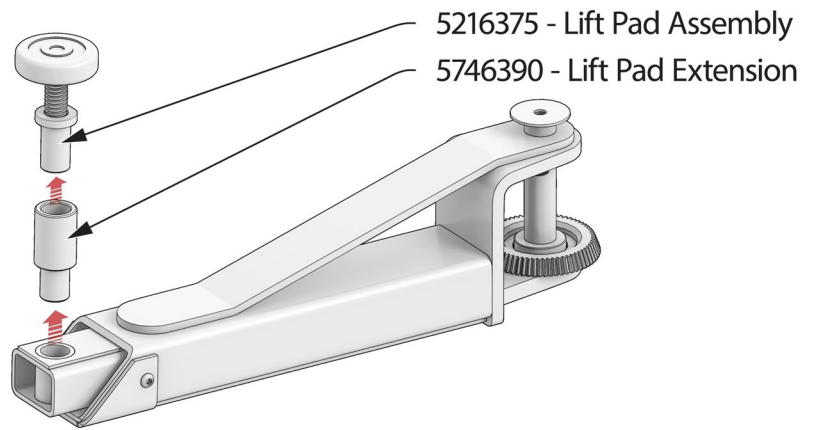
The best approach is to find the Vehicle's recommended lifting points in the *Vehicle Lifting Points for Frame Engaging Lifts* guide, which is provided with your Lift, or contact the manufacturer of the Vehicle. This guide also includes safe lifting suggestions, which everyone who uses the Lift should read.

Lifting it Right: A Safety Manual from the Automotive Lift Institute, also provided with your Lift, includes a wide variety of information about Lifts and how to use them safely.

The Lift Pad Adapters and Lift Pad Extensions (also called height adapters) supplied with every MaxJax Lift include:

- **Four Round Lift Pad Adapters** (5216375).
- **Four Medium Lift Pad Extensions** – Ø 1.37 in. (35 mm) x 4.4 in. (113 mm) (5746390).

MaxJax Accessories include a variety of Stackable Lift Pad adapters and Frame Cradle Pads.



Raising a Vehicle

This section describes how to raise a vehicle on the MaxJax Lift.

⚠ WARNING Never raise a Vehicle whose weight exceeds the rated capacity of the Lift. Do not leave the controls until the Lift is engaged on a Safety Lock position or fully lowered. Only trained personnel should raise and lower the Lift.

To Raise a Vehicle:

1. Verify the Lift is fully lowered to the ground and the Lift Arms are rotated out of the Vehicle's path in the full drive-through position.
2. Carefully drive the Vehicle in between the Lift Posts and then stop.

⚠ CAUTION When driving a Vehicle into position, keep to the middle of the area between the Posts. If you hit a Lift Arm or any other portion of the Lift, you could damage the Vehicle and/or the Lift.

3. Put the Vehicle in park, put on the parking brake, and turn off the Vehicle.
If the Vehicle is a manual transmission, put it into first gear before turning off the motor.
4. Get out of the Vehicle; open the doors carefully to avoid damaging them on the Lift's Post.
5. Position the Lift Arms until the Lift Pads are under the Vehicle and **directly under** the manufacturer's recommended Lifting Points for the Vehicle you are raising.

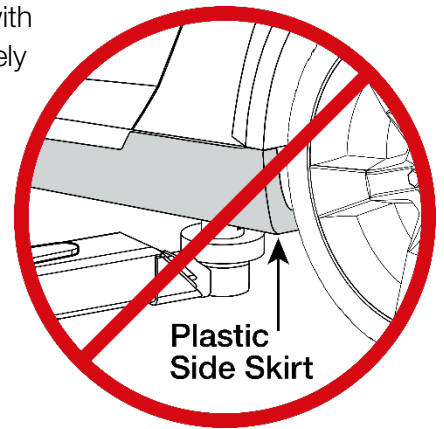
⚠ DANGER Do **not** guess the best location for the Adapters. **You must use the manufacturer's recommended Lifting Points.** If you do not, the Vehicle could become unstable and fall, which could damage the Vehicle, damage the Lift, or **injure** or even **kill** anyone under the Vehicle.

If you are unsure where the Lifting Points are, consult *Vehicle Lifting Points for Frame Engaging Lifts*, which was provided with the Lift, or the manufacturer of the Vehicle. If you no longer have *Vehicle Lifting Points for Frame Engaging Lifts*, contact MaxJax support maxjax.com/support, by email at support@maxjax.com, or by phone at **(844) 629-5291**, to secure a replacement copy.

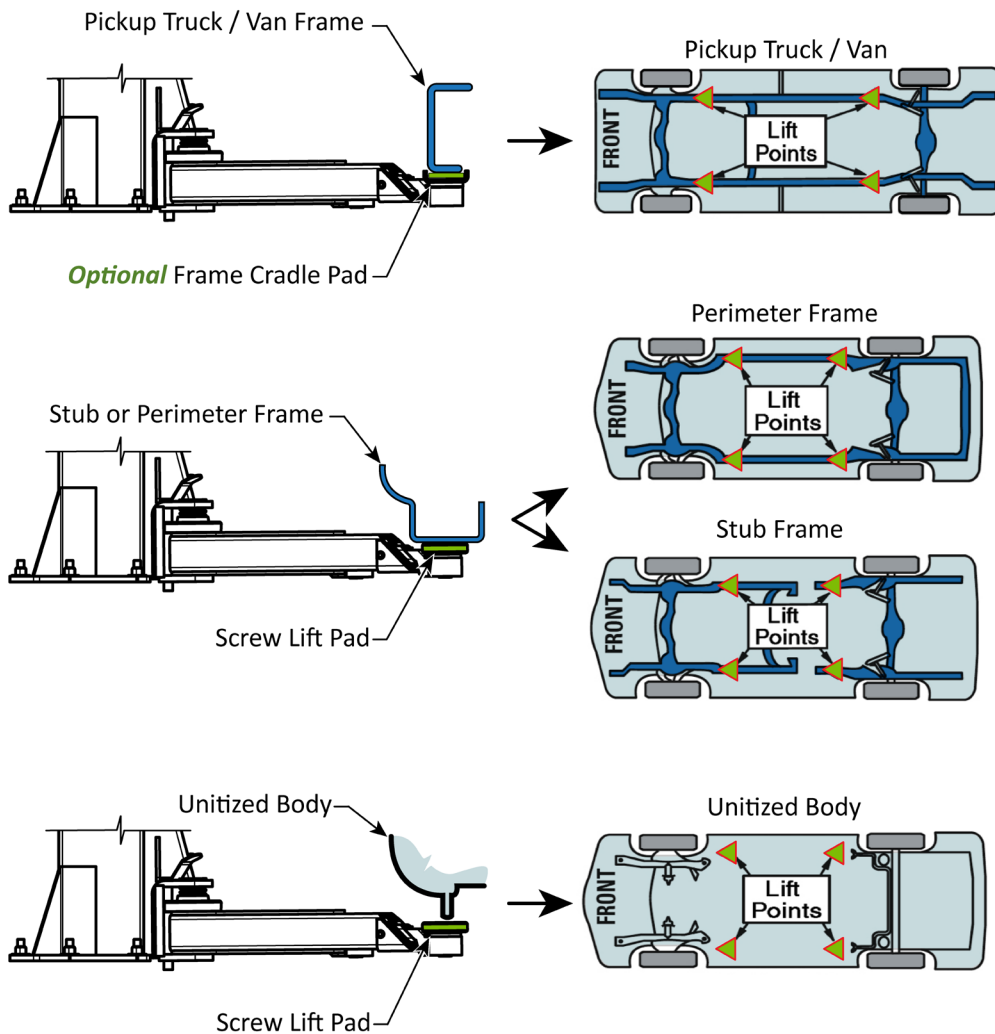
Some vehicles may have the manufacturers' recommended Service Garage Lift Point locations identified by a triangle mark on the underside of the vehicle, reference SAE J2184-(Current Edition). On some vehicles, specific Lifting Points are indicated by a label located on the driver's side door jamb.

⚠ DANGER *Never place Contact Pads on non-approved, non-load holding Sill Covers or Side Skirts!*

⚠ WARNING Many specialty or modified Vehicles, or Vehicles with unusually short or long wheelbases cannot be safely raised on a Two-Post Frame Engaging Lift. Contact the Vehicle's manufacturer for Raising or Jacking guidance.



The illustration below shows some typical lifting points based on Vehicle Frame type.



⚠ WARNING Before attempting to lift a Vehicle, carefully verify:

- The Vehicle Frame is strong enough to support its weight and has not been weakened or compromised by modification, damage or corrosion.
- The Vehicle individual axle weight does not exceed one-half the Lift capacity.
- The Lift Adapters are in secure contact with the Frame at the Vehicle manufacturers' recommended Lift Points.
- The Vehicle is stable on the Lift and the center of gravity is not shifted making the Vehicle off balance.

⚠ WARNING Always use Safety Stands when removing or installing heavy components that may affect the Vehicle's center of gravity.

⚠ WARNING Use the correct Adapters. Do not attempt to lift trucks or other frame type vehicles with standard Rubber Contact Pads.

⚠ WARNING Never use the Lift with missing or damaged rubber Contact Pads. Always replace Rubber Contact Pads when worn or damaged.

6. Verify that the **both** Safety Lock Release Cam handles are **down** in the **engage** position. Refer to the figure below.



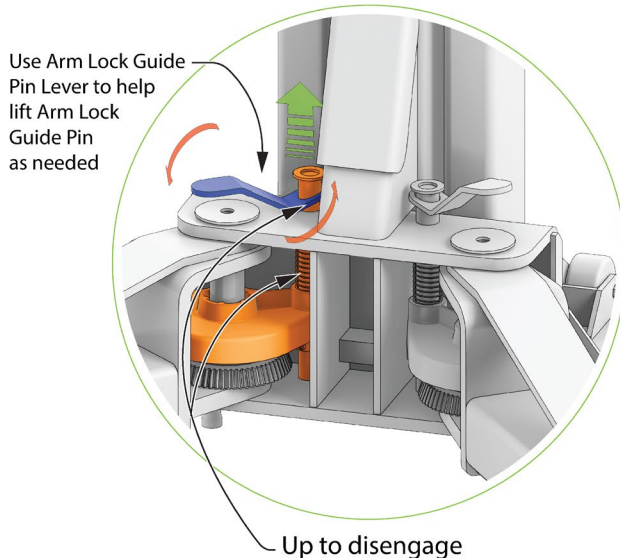
Safety Lock **ready to engage**;
Release Handle is not up - it
is **down**.

Pulling Release Handle **up** to
"**Disengage**" position will
disengage the safety, allowing
lift to be lowered.

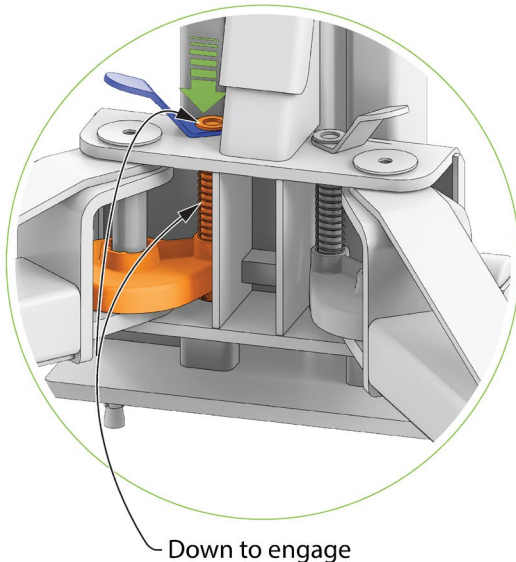
7. Press and hold the **Up** Button on the Power Unit to raise the Lift until **just before** the Adapters make contact with the Lifting Points, then release the **Up** Button.

8. Check the Full Circle Stop Gears **on all four Lift Arms** to make sure they are engaged and that the Lift Pads will make solid contact with the Lifting Points when raised further.
 - a. To **disengage** the Full Circle Stop Gears and unlock the Lift Arm, use the Arm Lock Guide Pin Lever to lift up on the Arm Lock Guide Pin. Refer to the Illustrations below.
 - b. To **engage** the Full Circle Stop Gears and lock the Lift Arm, push down on the Arm Lock Guide Pin while rocking the Lift Arm slightly. Refer to the illustrations below.

Full Circle Stop Gear **Disengaged**



Full Circle Stop Gear **Engaged**



9. Press the **Up** Button until the Tires of the Vehicle are a few inches off the ground.

If the Lift becomes unstable or the Vehicle starts moving, release the **Up** Button immediately.
10. Verify all four of the Lift Pads are making solid contact with the Lifting Points.

If any of the Lift Pads are **not** making solid contact with the Lifting Points, lower the Lift and adjust the Lift Arms and Pads until they make better contact.
11. When the Vehicle is just a few inches off the ground, gently rock the Vehicle to make assure it is stable and balanced.
 - If the Vehicle is **not** stable and balanced, lower the Lift back to the ground and start over.
 - If the Vehicle **is** stable and balanced, you can raise it to the desired height.

⚠ DANGER Do **not** raise the Lift further until you are certain the Vehicle on the Lift is both stable and balanced. If the Vehicle is **not** stable and balanced, it could fall, which could damage the Vehicle, damage the Lift, or injure or kill anyone under the Vehicle.

⚠ WARNING Always keep a line of sight on the Lift at all times. Ensure personnel and objects are clear of the Lift at all times.

⚠ WARNING Remain Clear of the elevated Lift until visual confirmation is made that all Safety Locks are fully engaged and the Lift is lowered onto the Safety Locks.

12. Raise the Lift until the Vehicle reaches the desired height, go up a bit further, then release the **Up** Button.

13. Press and hold the Lowering Handle briefly to move the Lift back down, which engages it on the closest Safety Lock; the time required for this will vary based on the weight of the vehicle and the distance above the lock.
14. When the Lift stops moving down, it is engaged on its Safety Locks; release the Lowering Handle.

Do not leave the Lift controls unless the Lift is engaged on its Safety Locks or fully lowered.

If you miss the desired Safety Lock, press and hold the **Up** Button again and move just past the desired Safety Lock. You'll hear a click indicating the Safety Lock has passed a Safety Block. Release the **Up** Button, then hold the Lowering Handle again to lower the Lift onto the desired Safety Lock.

⚠ DANGER Do ***not*** move under the Vehicle until you have confirmed that the Lift is engaged on Safety Locks.

⚠ DANGER Always ensure both Safety Locks are engaged. If the Lift Heads are engaged on Safety Locks at two different heights or only one Safety Lock is engaged, the Vehicle could become unbalanced and fall causing damage, injury or death.

15. Recheck the Lift Arms and Pads to verify they are still making solid contact with the Vehicle Lifting points.
16. Verify the Lift is engaged on the same Safety Lock on both posts (all four arms are at the same height).
17. Begin work on the Vehicle.

Lowering a Vehicle

1. Check under and around the Vehicle to verify the area is clear of all personnel, tools and obstructions.
2. Press and hold the **Up** Button on the Power Unit for a few seconds. This moves the Lift Heads off of the Safety Locks.
3. On each Post, move the Safety Lock Release Cam handle **Up** to the **disengage** position. Refer to the illustration.
4. **Press** and **hold** the Lowering Handle on the Power Unit. Carefully watch as the Lift descends, in case of uneven descent or failure of either safety lock to fully disengage.



Safety Lock **ready** to engage; Release Handle is not up - it is **down**.

Pulling Release Handle **up** to "**Disengage**" position will disengage the safety, allowing lift to be lowered.

⚠ WARNING Stay clear of the Lift as it lowers; obey all warning decals.

5. When the Lift is fully lowered to the ground, release the Lowering Handle on the Power Unit.
6. Return both Safety Lock Release Cam Handles to the **down** or ready to engage position.
7. When the Lift Arms have lowered enough to clear the bottom of the Vehicle, rotate the Lift Arms out from under the Vehicle and toward the MaxJax Posts into the full drive-through positions.
This clears a path for the Vehicle to move out of the Lift area.
8. Carefully drive the Vehicle out of the Lift.

Moving the Lift

The MaxJax is portable, which means you can move it around your work space, if you have installed additional anchors.

To move the Lift:

1. Make sure the Lift is fully lowered and the Lift Arms have been removed.

 **WARNING** Do not connect or disconnect the Hoses with the Lift in an elevated position.

2. Press and hold the Lowering Handle for a few seconds to relieve any hydraulic pressure in the Hydraulic Hoses.
3. Unplug the Power Cord and wrap it around the Portable Stand.

 **DANGER** Do ***not*** perform any maintenance or reinstallation without first making sure that the Lift is **completely disconnected from the power source** and cannot be re-energized until all maintenance tasks are complete.

4. Put a clean rag under the hydraulic connections near the bottom of the Hydraulic Cylinder, then disconnect the Hydraulic Hose.

Make sure to clean any Hydraulic Fluid from the Hydraulic Hoses.

5. Loosen, then remove the Anchor Bolts from the Base Plate; remove any shims, and keep both the Anchor Bolts and any relevant shims handy for future use.

 **CAUTION** Be careful not to disturb Posts *until ready to move them* to their storage area or next lifting location.



Tip

We recommend that you mark or otherwise note any Shims used at each Anchor to help at the time of re-installation.

6. Insert an Anchor Plug (5530493) in each Anchor Sleeve in the ground, to prevent the Anchor Sleeves from filling with debris while the Posts are in storage.
7. Using a downward force, push and tilt the Post onto its Wheels, and then carefully move the Post to the desired location.
8. **Repeat** these removal steps 4-7 for the other Post.

Re-installation

When you are ready, you can easily re-install your MaxJax using the Anchor Sleeves already in place.

To re-install your Lift:

1. Verify the installation area and path is clear of debris, tools, and equipment.
2. Remove the Anchor Plugs (5530493) from each anchor.
3. Clean the Anchor holes with compressed air or with a nylon brush.

 **WARNING** You must wear OSHA-approved (publication 3151) personal protective equipment at all times when installing, using, maintaining, or repairing the Lift: safety glasses, leather gloves, steel-toed boots, back belts, and hearing protection are required.

4. Make a visual inspection of all the Drop-in Anchors for damage or extreme wear.

 **WARNING** You must inspect all Drop-in Anchors for proper setting and or damage ***each time the Lift is re-installed***. Do ***not*** use the Lift if the Drop-in Anchors are damaged, extremely worn, or if the Concrete is cracked or defective.

5. Align the Posts with the Anchor locations.

 **DANGER** The Lift must be re-leveled, shimmed, and bled each time the Lift is re-installed. Failure to do so may result in damage to the Lift or serious injury.

6. Verify the Lift Arms are level, the Lift Posts are Perpendicular to the Floor and install any needed Shims under the Base Plates.

7. Tighten all the Anchor Bolts in place to a torque value of 90 ft-lbs. (122 N-m).

Important: Do ***not*** use an impact wrench to tighten the Anchor Bolts.

Maintenance



DANGER

Before performing maintenance on your Lift, verify it is disconnected from power. The Lift uses electrical energy; if your organization has Lockout/Tagout policies, make sure to implement them before performing any maintenance. If you come into contact with high voltage/current, you could be injured or killed.



WARNING

MaxJax & BendPak do not supply hydraulic fluid or lubricants with the Lift. Always refer to the Safety Data Sheet (SDS) for safe handling and disposal information. SDS are available from the hydraulic fluid or lubricant's supplier or manufacturer.

A complete pre-operation inspection is required before using this equipment.

Read your manual and understand how this equipment works before using, maintaining or repairing.

Routine maintenance and adjustments should be carried out on a regular basis. *Unless stated otherwise, all maintenance may be performed by the owner/employer and does not require trained lift service personnel.* Replace worn, damaged or broken parts with original BendPak or BendPak approved parts or with parts that meet or exceed the original specifications.

Routine maintenance and adjustments are the **responsibility of the owner/user** and are **not** covered under warranty.

To maintain your Lift:

- **Daily:** Keep the Lift clean. Wipe up any oil spills, clean any dirt.
- **Daily:** Make a visual inspection of all moving parts and check for damage or excessive wear. If you find any damaged or worn parts, take the Lift out of service until they are replaced.
- **Daily:** Make sure the Safety Locks are in good operating condition. If you find that the Safety Locks are damaged or excessively worn, take the Lift out of service until they are replaced. ***Do not use your Lift if the Safety Locks are damaged or excessively worn.***
- **Daily:** Verify the Cylinder Clamp is secured and in place at the top of the Lift Head.
- **Weekly:** Check all controls to make sure they are functioning normally.
- **Weekly:** Check all labels on the unit. Replace them if they are illegible or missing.
- **Monthly:** Lubricate the inside of the Posts where the Lift Head's Slide Blocks move. We recommend using white lithium grease or similar.
- **Monthly:** Make sure all Arm Lock Guide Rods and Lift Arm Lock Pins are properly secured.
- **Monthly:** Check the Power Unit's Hydraulic Fluid levels. Refill if low.
- **Monthly:** Check Slide Block orientation; if rotated, correct. See Illustration next page.



WARNING

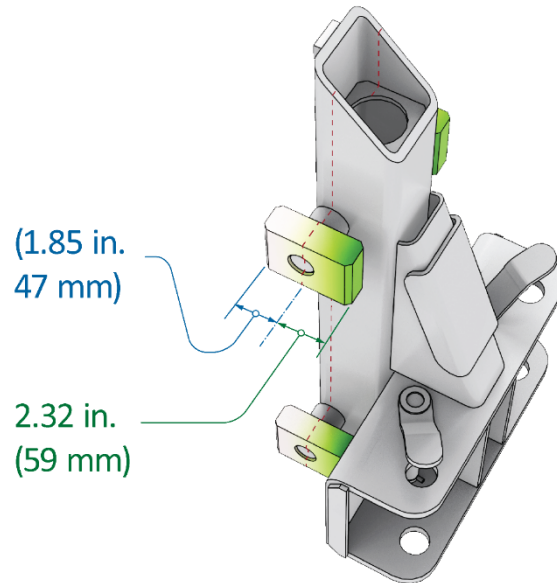
If one of the long Hydraulic hoses requires replacement, replace it with a hose of the same length $\pm 5\%$. The MaxJax is a Hydraulically Equalized Lift. Unequal Hose lengths may cause unequal lifting, resulting in imbalance and subsequent load loss. To order a replacement hose, contact MaxJax support at maxjax.com/support, via email support@maxjax.com, or call **(844) 629-5291** follow prompts.



WARNING

Do not operate your Lift if you find maintenance issues; instead, take it out of service, then contact your dealer, email support@maxjax.com, visit maxjax.com/support, or call **(844) 629-5291**; follow the prompts.

Check Slide Block Orientation:



Verify the (4) four Slide Blocks (5716055) are installed on the Lift Head assembly (5216801) and oriented in the Lift Post as illustrated, with the **longer side** *closer* to the Lift Arms!

Troubleshooting

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

Important: Unless stated otherwise, all maintenance may be performed by the owner/employer and does not require trained lift service 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 becomes inoperative with vehicle raised.	Verify the Lift Head is clear of the Safety Locks and the Safety Lock has been disengaged before attempting to lower the Lift. If the Lift continues to be inoperative, contact MaxJax Support by email at support@maxjax.com or by phone at (844) 629-5291 ; follow the prompts.
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 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.
Lift does not stay up.	Make sure to leave the Lift engaged on its Safety Locks. Check for Hydraulic Fluid leaks.
Vehicle on the Lift is not level.	Verify the 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 and the appropriate voltage. Check wiring diagram; have electrician check all electrical connections.
Lift makes odd noises when in use.	Lubricate the Slide Blocks and hinge points using white lithium grease. Cycle the Lift up and down a few times to bleed air out of the system.

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** follow prompts.

Labels

PN 5906612

A

NOTE:
LETTERING
DIE-CUT IN
WHITE VINYL

GRAY DOES NOT PRINT

MaxJax_Branding_Diecut_Decal
Size: 3.5"W x 17.7"H

PN 5906035

C

WARNING
ENGAGE SAFETY LOCKS

ALWAYS make sure the lift is lowered onto the safety locks and fully engaged before working on or near the vehicle. Failure to do so may result in **SERIOUS INJURY OR DEATH.**

Safety in LOCKED Position
Sécurité en position
VERROUILLÉE

Safety NOT Locked
Sécurité NON verrouillée

Safety lock DISENGAGED (to lower)
Verrou de sécurité DÉSENGAGÉ
(Baisser)

ATTENTION
ENGAGER LES VERROUS DE SÉCURITÉ

TOUJOURS s'assurer que le pont élévateur est abaissé sur les verrous de sécurité et complètement engagé avant de travailler sur ou à proximité du véhicule. Ne pas le faire peut entraîner des BLESSURES GRAVES OU LA MORT.

PN 5906035

D

ATTENTION

MAXIMUM LIFTING CAPACITY
CAPACITÉ DE LEVAGE MAXIMUM

7000 Lbs.
3175 Kg.

PN 5906545

NRTL_Lifting_Cap_7K_ENG-FRE-5905645
Size: 4.5"W x 3.25"H

PN 5906034

B

IMPORTANT OPERATION / MAINTENANCE - PLEASE READ
⚠ DANGER ⚠

CYLINDER BLEEDING INSTRUCTIONS

INSTRUCTIONS DE PURGE DES CYLINDRES

LIFT OPERATION OPÉRATION DE LEVAGE

WARNING ⚠ **AVERTISSEMENT**

USE PROPER ADAPTERS UTILISER LES ADAPTATEURS APPROPRIÉS

FRAME CRADLE ADAPTERS ADAPTATEURS DE BERCEAU

SUV & VAN ADAPTERS ADAPTATEURS SUV ET VAN

TO PLACE ORDER / POUR PASSER COMMANDE

Web / Web: www.MaxJax.com or tel / ou composer: 1-866-963-6655

E

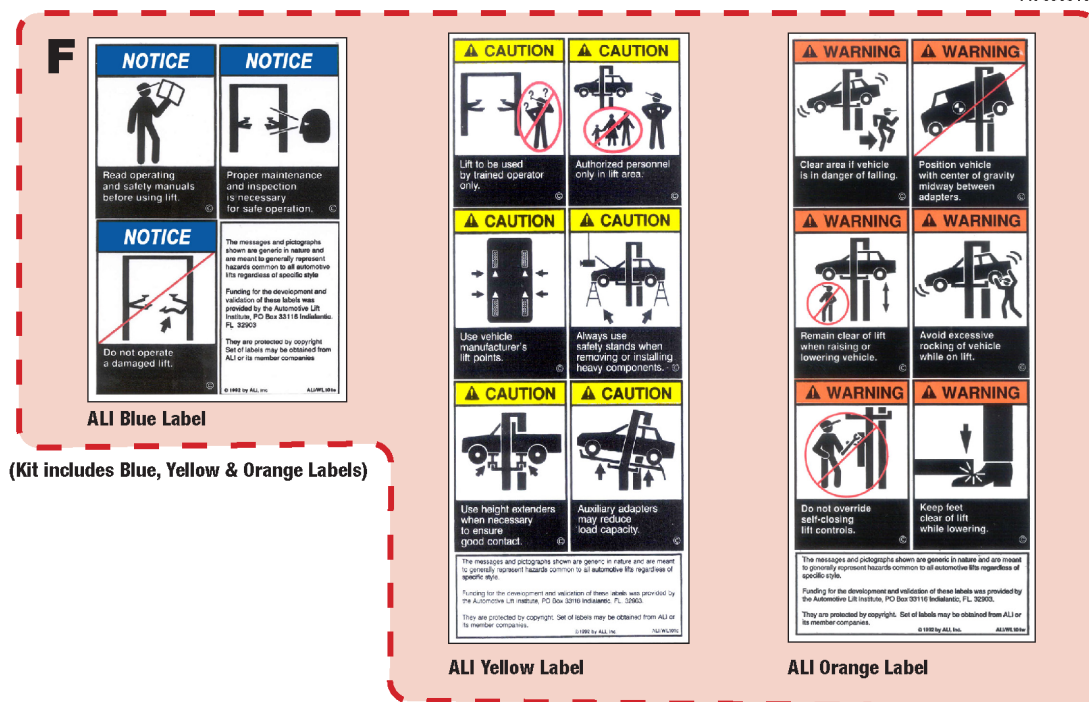
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PN 5906156

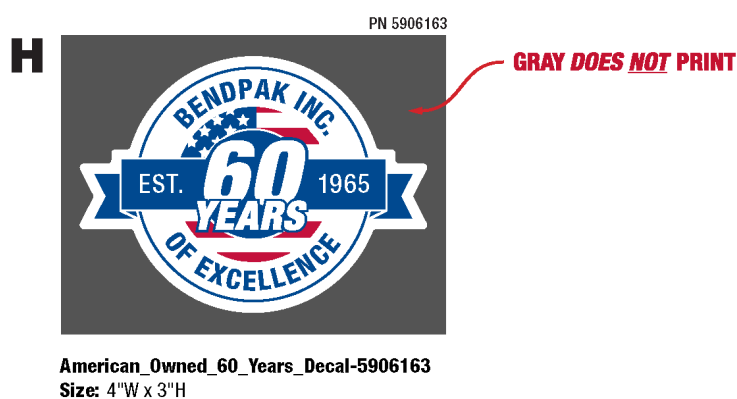
BendPak

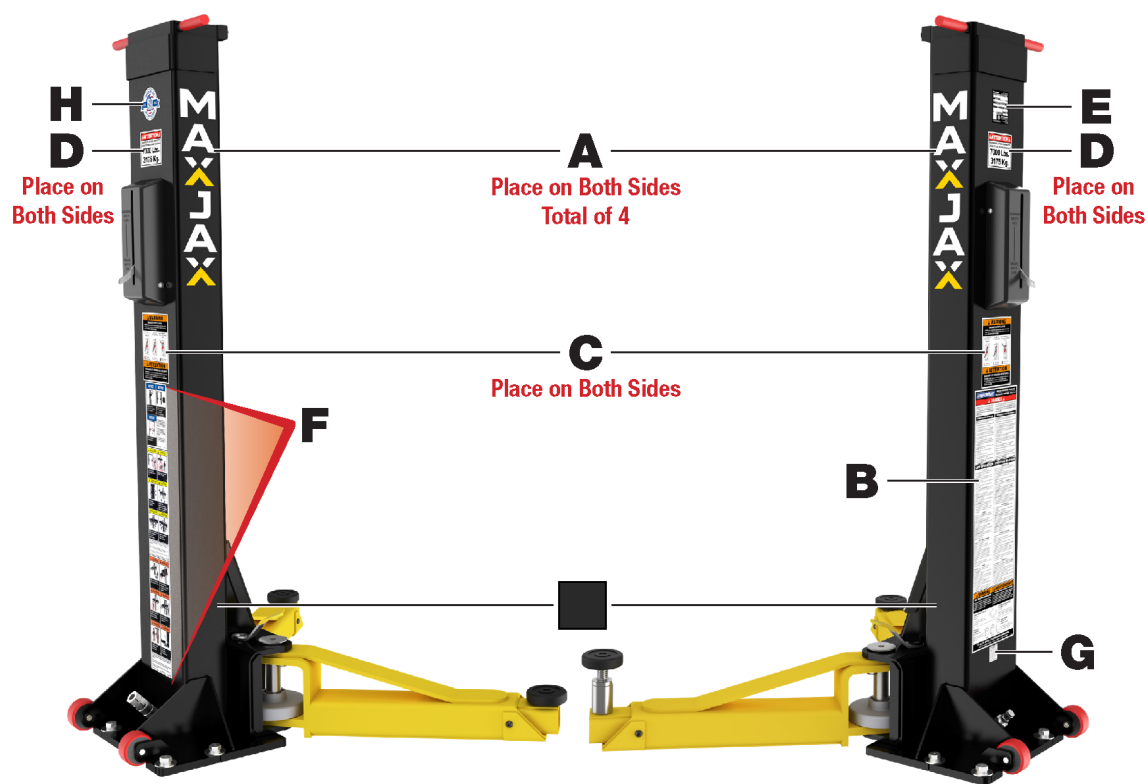
Model Number and Name Plate

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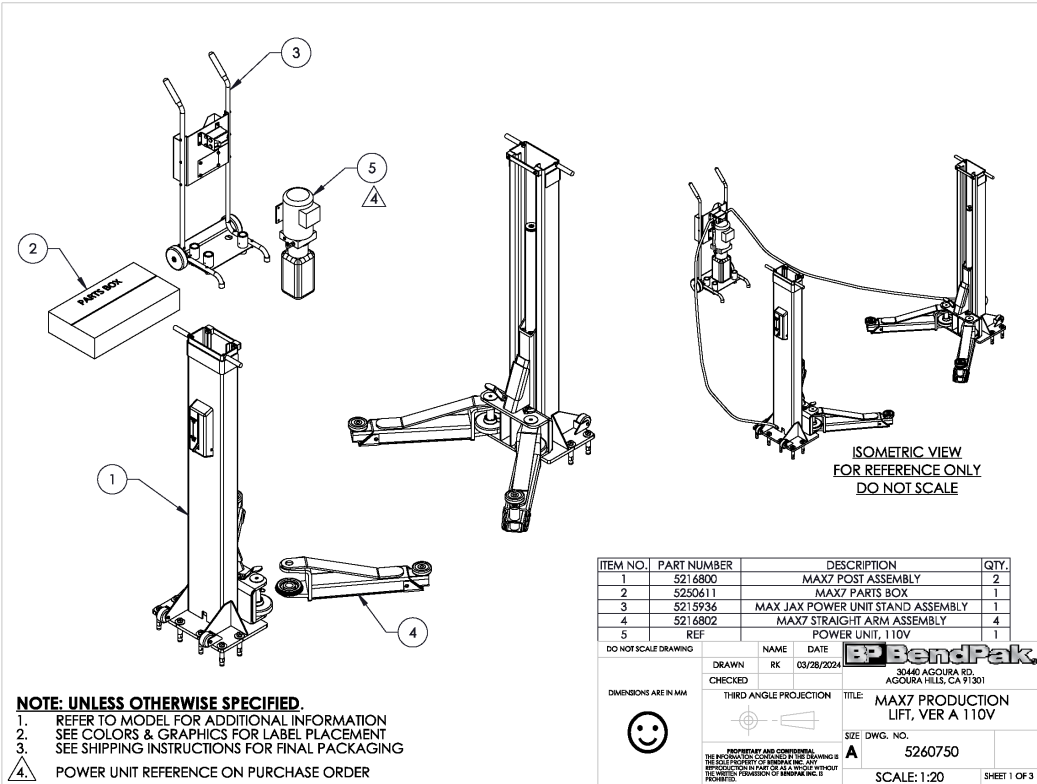
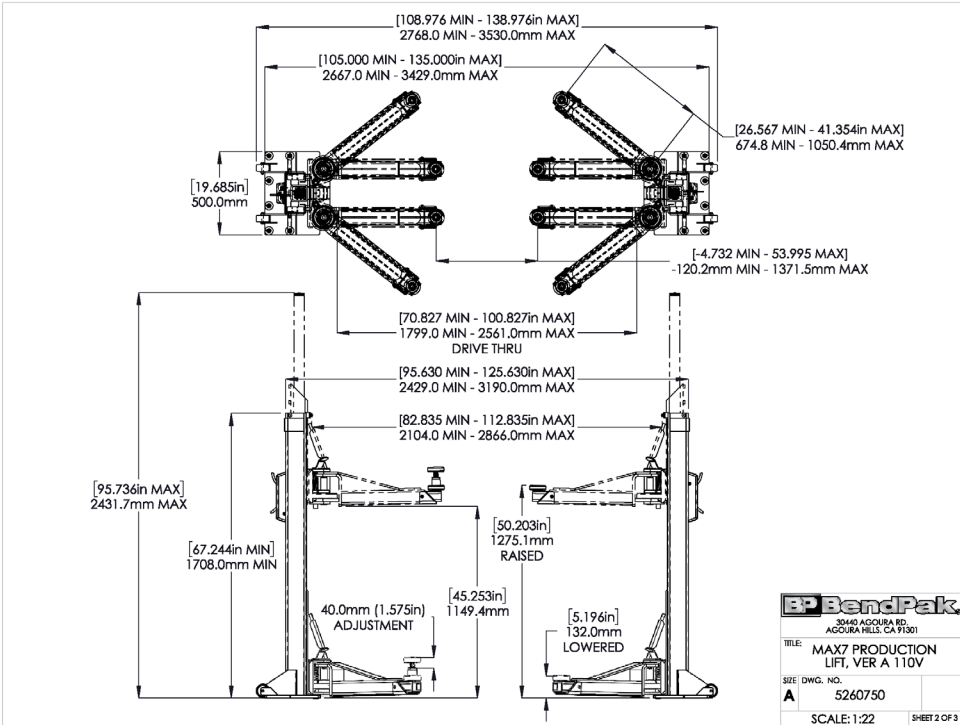


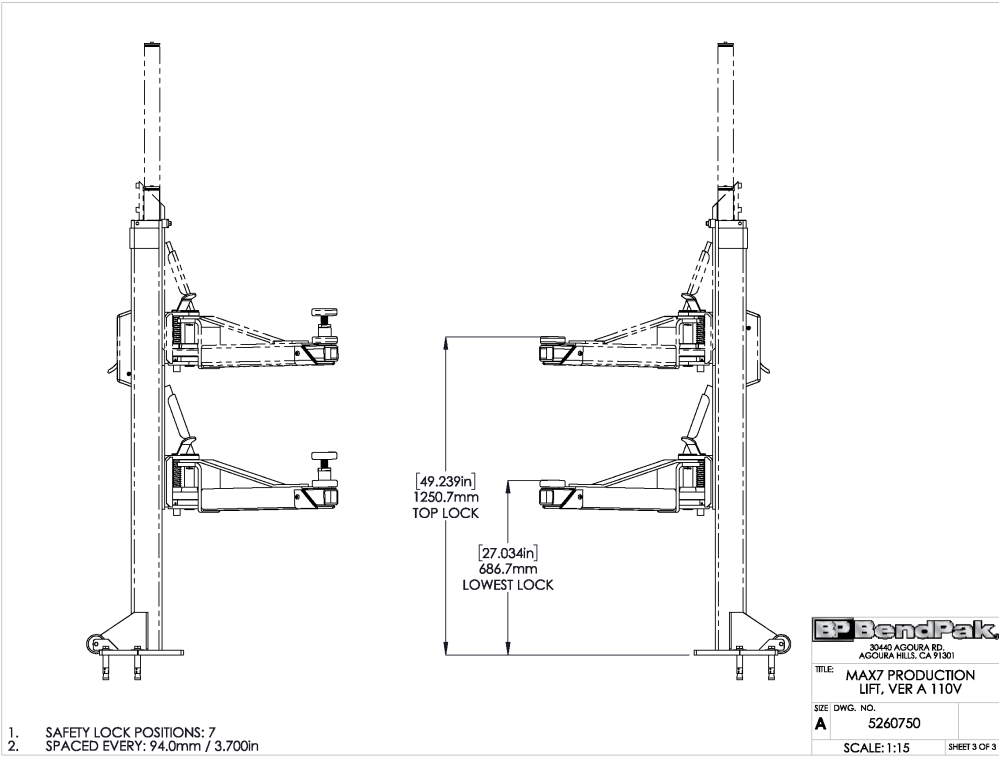
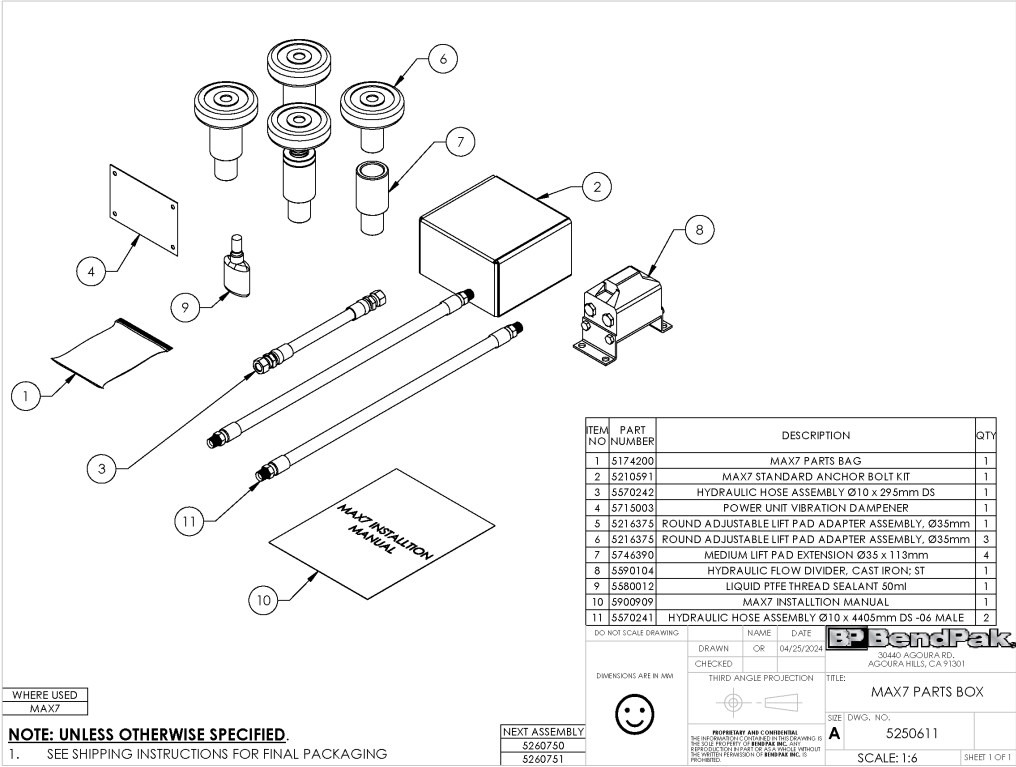
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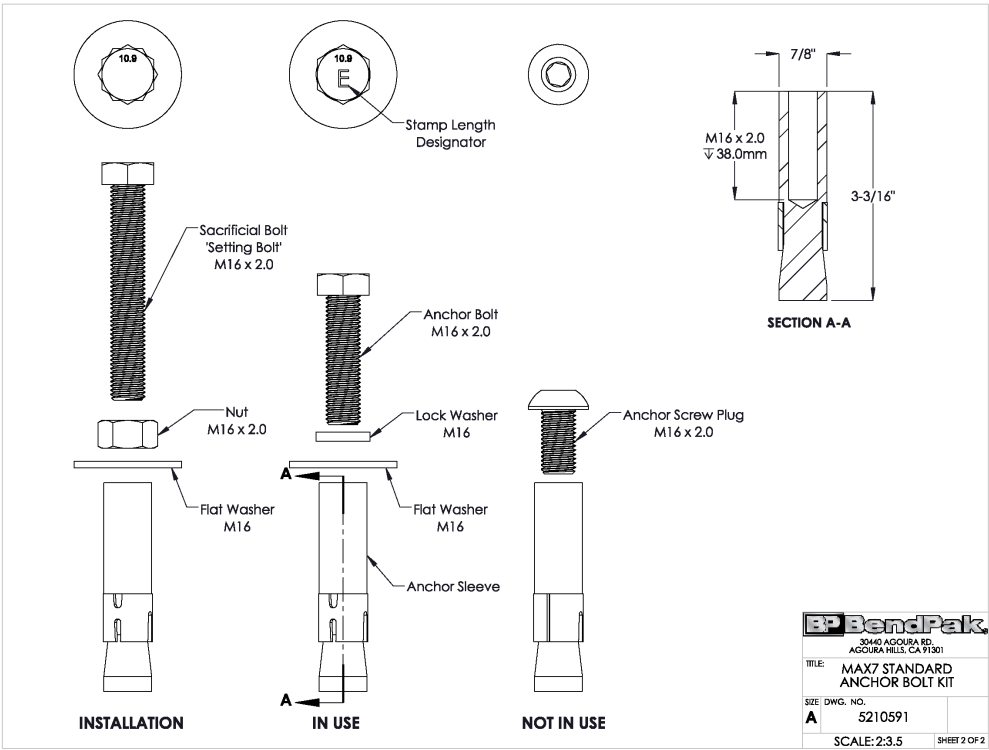
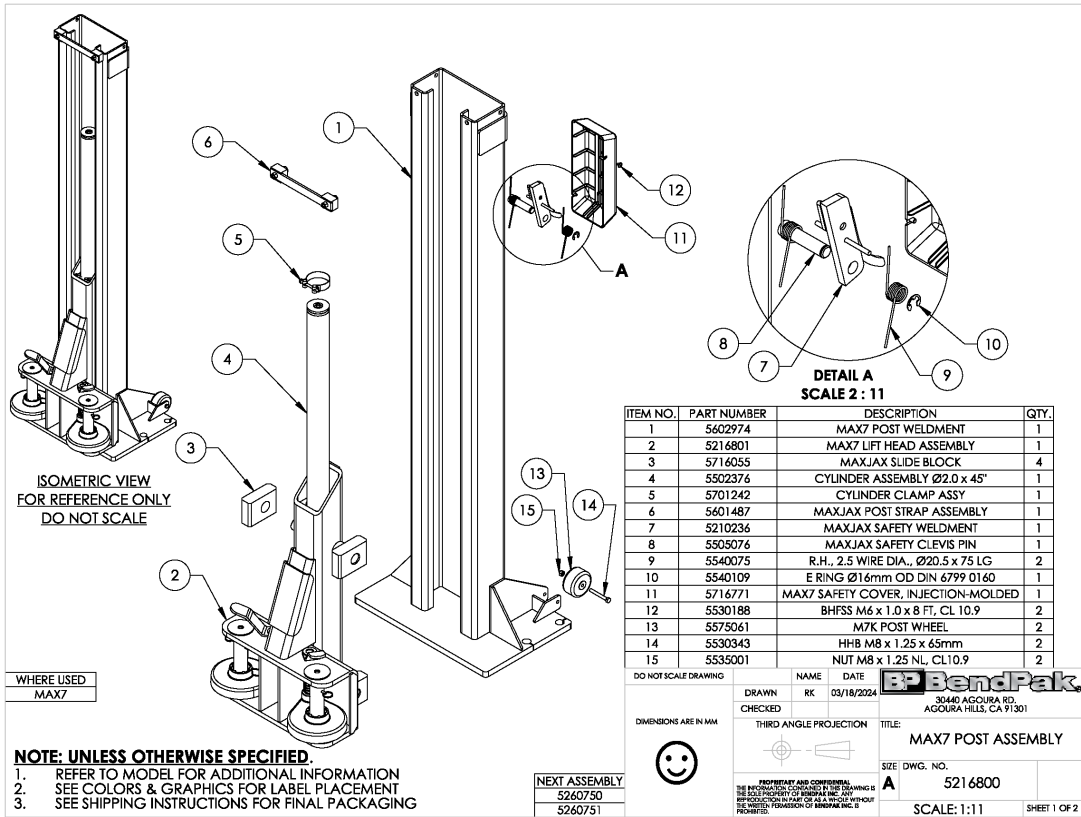


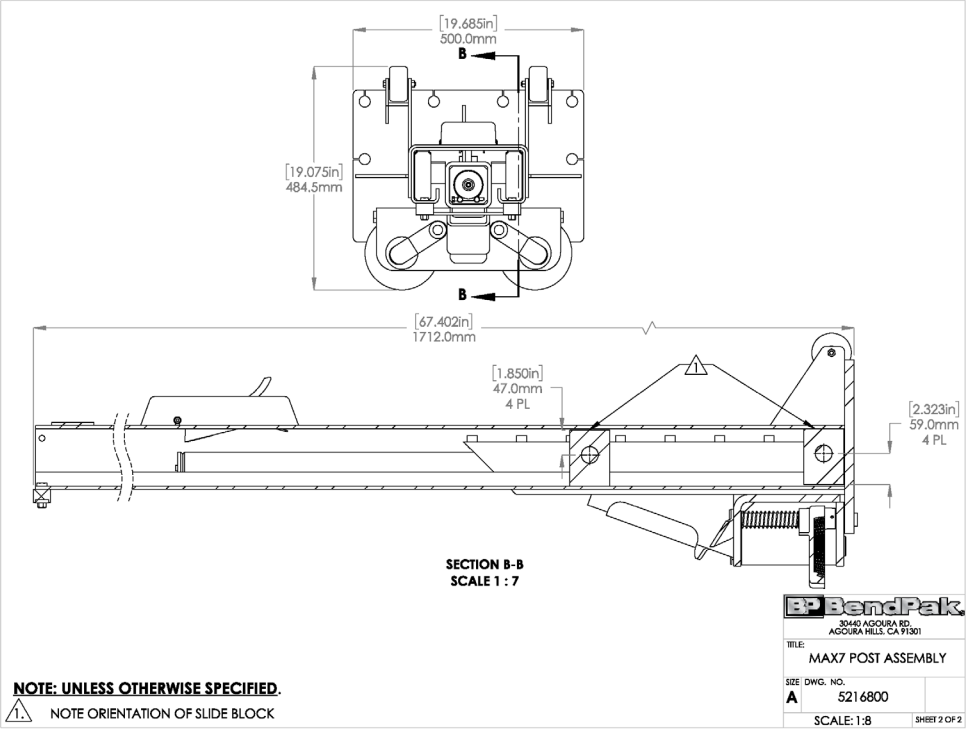
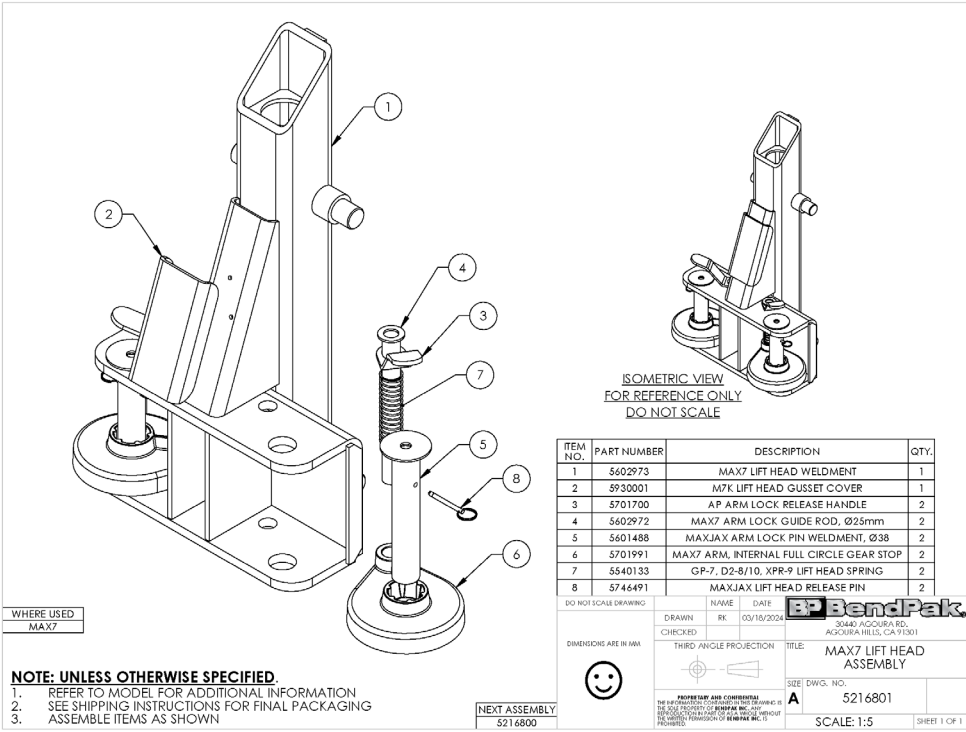


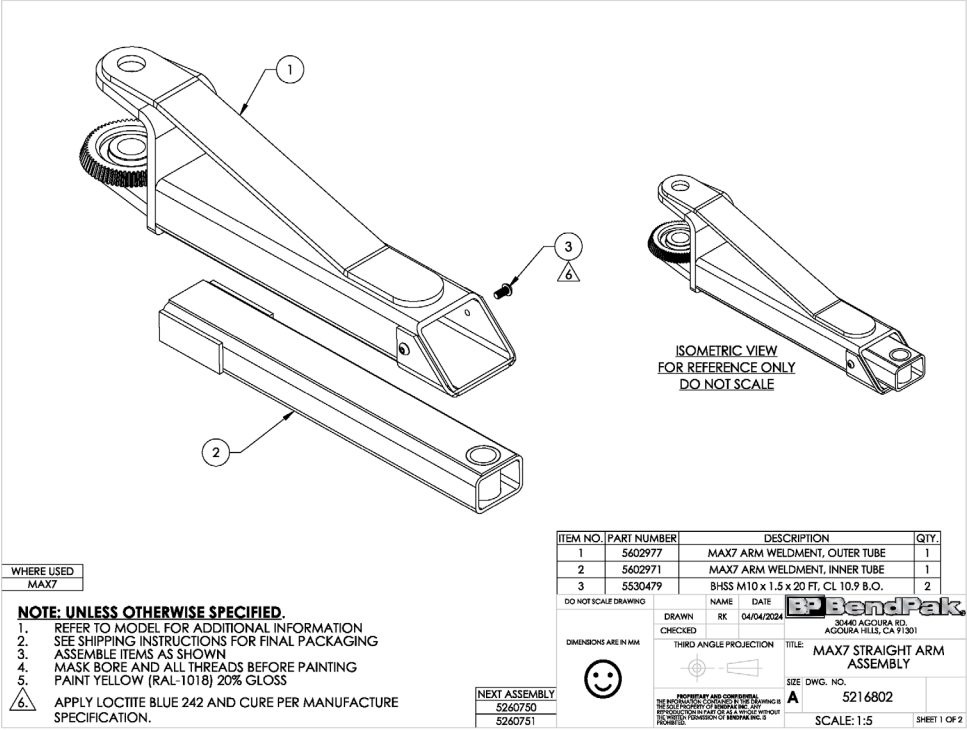
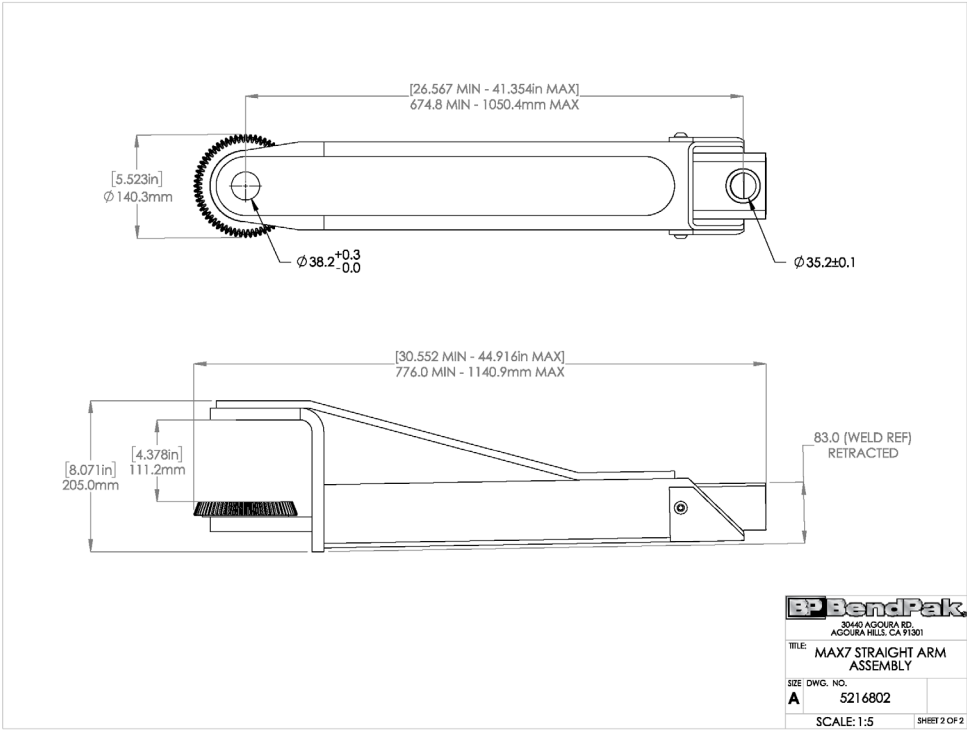
Part Drawings











Automotive Lift Institute (ALI) Store

The ALI Store is your trusted source for workplace safety!

Visit www.autolift.org/ali-store/

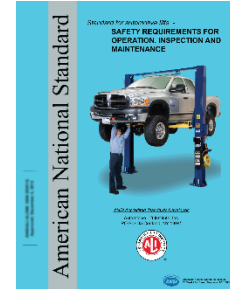
You probably checked the ALI's Directory of Certified Lifts (www.autolift.org/ali-directory-of-certified-lifts/) before making your most recent Lift purchase, but did you know the ALI Store (www.autolift.org/ali-store/) offers a wide variety of professional, easy-to-use, and reasonably priced training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



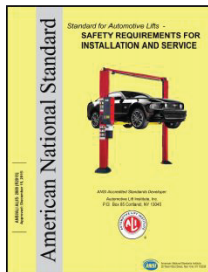
Lifting It Right Online Certificate Course. Make *sure* you and your people are lifting vehicles the right way.



ALI Lift Inspector Certification Program Registration. Become a ALI Certified Lift Inspector.



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



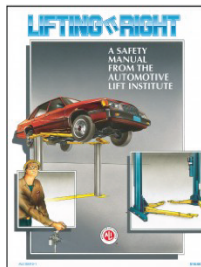
ANSI/ALI ALIS Standard. Safety Requirements for Installation and Service.



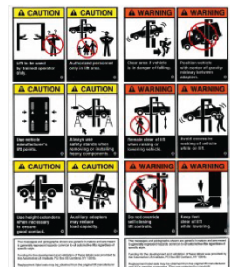
Guide to Identifying Vehicle Lifting Points for Frame-Engaging Lifts. Don't eyeball your lifting points, *know* where they are.



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.

Get the training and materials you need to work safely at www.autolift.org/ali-store/

Maintenance Log

Maintenance Log

Maintenance Log

[illegible]

Maintenance Log



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