

Dannmar Equipment  
646 Flinn Avenue  
Moorpark, CA 93021  
Tel: 1-877-432-6627  
www.dannmar.com  
www.maxjaxusa.com



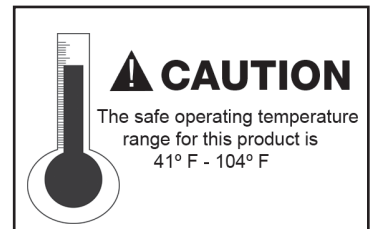
## MAXJAX TILT USER MANUAL

MODEL: MAXJAX TILT  
PORTABLE LOW-RISE  
TILTING LIFT  
6,600 MAX. POUND CAPACITY

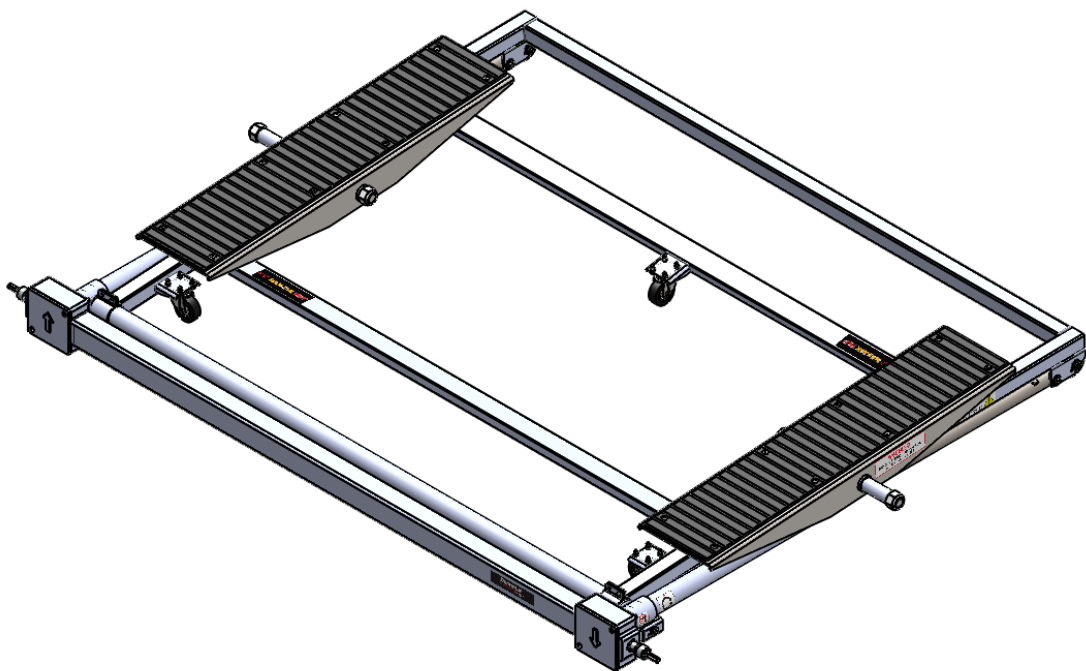
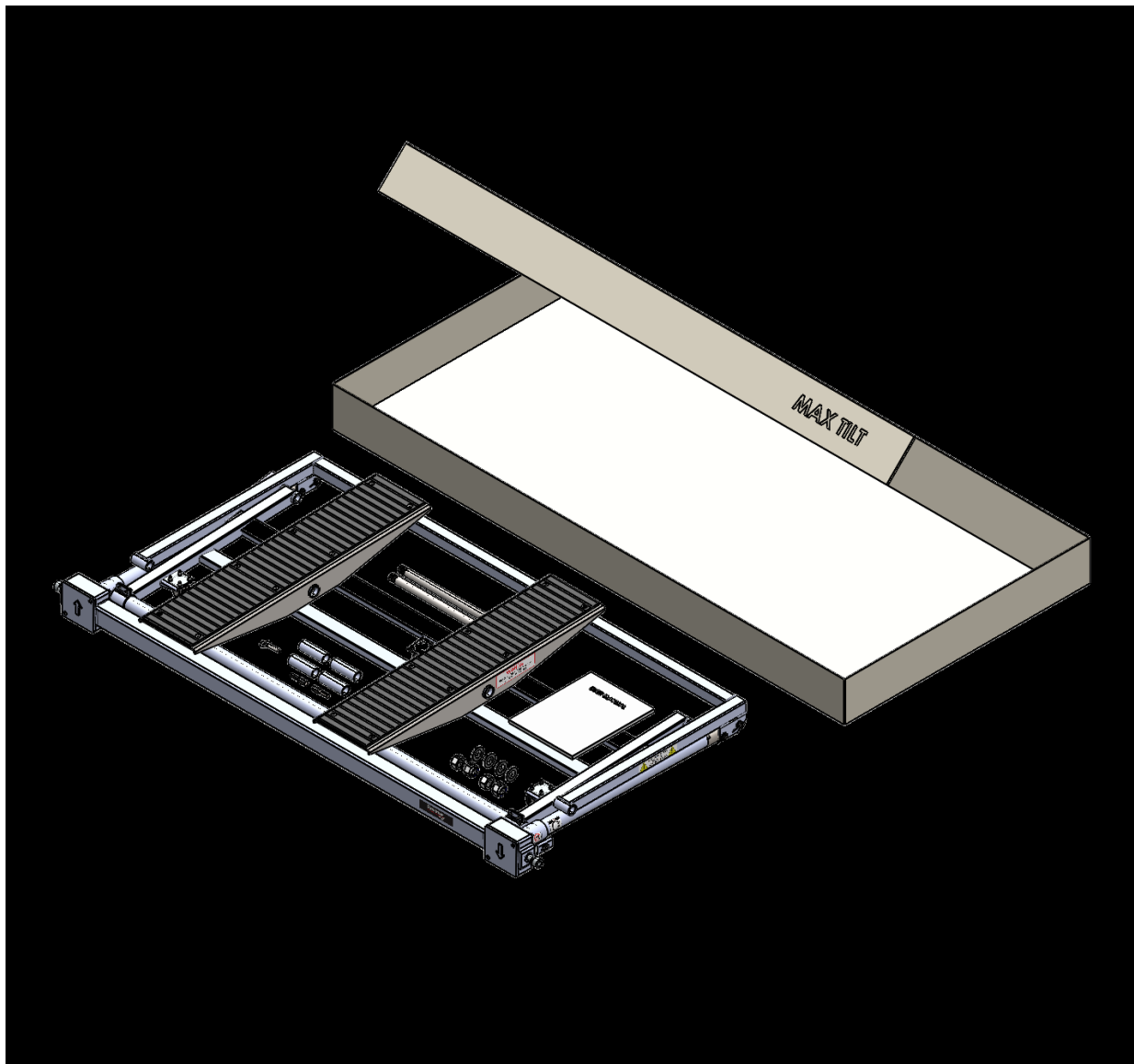
**FOR USE IN UNIBODY CONSTRUCTION VEHICLES ONLY  
FRAME CHASSIS MAXIMUM WIDTH IS 61" - MINIMUM WIDTH 48"**



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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.



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## **IMPORTANT NOTICE**

1. Read this manual thoroughly before installing, operating, or maintaining this lift.
2. This lift is designed for indoor/outdoor use and should not be installed in a pit or depression.
3. When not in use, store in cool, dry interior space.
4. The floor/surface on which the lift is to be used should be smooth and flat as possible.
5. The lift has specific mechanical requirements as described in the Installation Instructions section of this manual.
6. This lift has a minimum ground clearance requirement as described in the Installation Instructions section of this manual.
7. Failure by the owner to provide the recommended shelter (when not in use), mounting surface, power drill requirement and ceiling height could result in unsatisfactory lift performance, property damage, or personal injury.
8. Do not attempt to install this lift if you have never been trained on basic automotive lift installation procedures.
9. 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.
10. 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.
11. This lift is rated to 6,600-lbs lifting capacity. **NEVER EXCEED** rated lifting capacity of lift.
12. Qualified person must be consulted for seismic loads and other local or state requirements.

**BE SAFE:** YOUR NEW LIFT WAS DESIGNED AND BUILT WITH SAFETY IN MIND. HOWEVER, YOUR OVERALL 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. 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 LIT.**
4. **KEEP HAIR, LOOSE CLOTHING, FINGERS, AND ALL PARTS OF THE BODY AWAY FROM MOVING PARTS.**
5. **USE ONLY AS DESCRIBED IN THIS MANUAL.** Use only manufacturer's recommended attachments.
6. **DO NOT** raise vehicle on the lift until installation is completed as instructed in this manual.
7. **KEEP HANDS AND FEET CLEAR.** Remove hands and feet from any moving parts. Keep feet clear of lift when lowering. Avoid pinch points.
8. **KEEP WORK AREA CLEAN.** Cluttered work areas invite injuries.
9. **CONSIDER WORK AREA ENVIRONMENT.** Do not expose equipment to rain. **DO NOT** use in damp or wet locations.
10. **ONLY TRAINED OPERATORS** should operate this lift. All non-trained personnel should be kept away from work area. Never let non-trained personnel come in contact with or operate lift.
11. **USE LIFT CORRECTLY.** Use lift in the proper manner. Never use lifting adapters other than what is approved by the manufacturer.
12. **REMAIN CLEAR** of lift when raising or lowering vehicle.
13. **CLEAR AREA** if vehicle is in danger of falling.
14. **ALWAYS ENSURE** that the safety support jack is in place before any attempt is made to work on or near vehicle.
15. **DRESS PROPERLY.** Nonskid steel toe footwear is recommended when operating lift.
16. **ALWAYS WEAR SAFETY GLASSES.** Everyday eyeglasses only have impact resistant lenses. They are not safety glasses.
17. **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.
18. **STAY ALERT.** Watch what you are doing. Use common sense. Be aware!
19. **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.
20. **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 in the load path, affect operation of the lift, 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 crate pay close attention as the Lift Arms can open and can cause injury.

**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.
- Shall establish procedures to periodically maintain the lift in accordance with the lift manufacturer's instructions and regional requirements, Inspection and Maintenance and The Owner 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 not modify the lift in any manner without the prior written consent of the manufacturer or regional requirements.

**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 (greater than 3 degrees) and that I will be responsible for all charges related to pouring a new level concrete slab if required and any charges.
- 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 Dannmar lifts are designed to be used both indoor and outdoor locations. When lift is not in use, please store inside vehicle or garage to ensure best results when using lift. Failure to follow installation 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:

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Moorpark, CA 93021  
Tel: 1-877-432-6627  
Fax: 1-805-530-1909  
[www.dannmar.com](http://www.dannmar.com)

## **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.



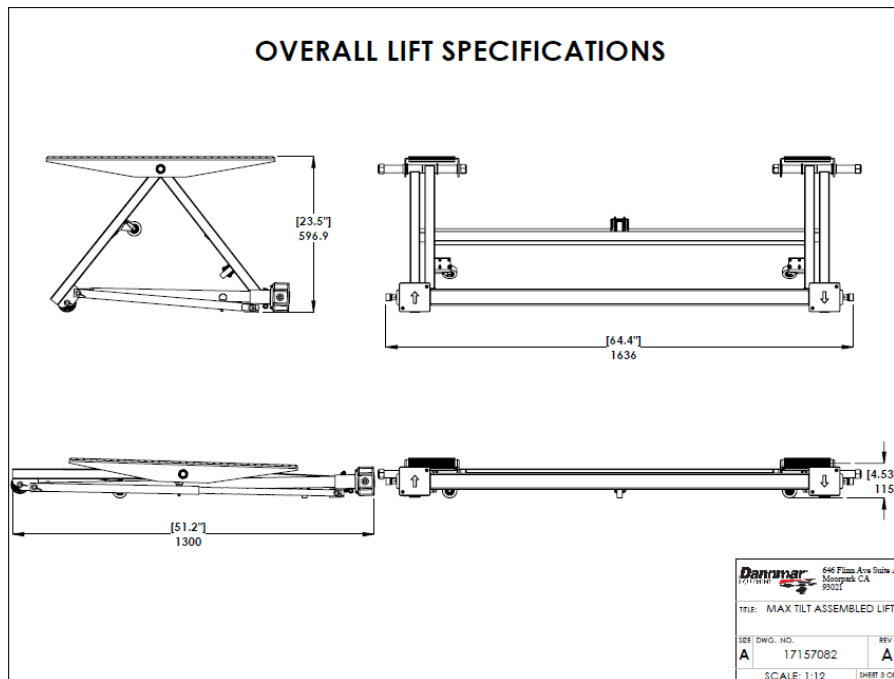
**FOR TECHNICAL QUESTIONS, CALL (877) 432-6627**



## MAXJAX TILT ASSEMBLY

### Component Parts Identifier

ITEM No.	DESCRIPTION	QTY	Check
1	MaxJax Tilt Frame	1	
2	Jack Support Stand	1	
3	Frame Platform	2	
4	Frame Platform Risers	2	
5	Frame Connecting Sleeves	4	
6	Frame Connecting Bolts	2	
7	Frame Connecting Washers	4	
8	Frame Connecting Nuts	4	
9	Positioning Wheels	3	
10	Drill Drive Adapter	2	
11	Positioning Wheel Screws	12	
12	Positioning Wheel Nuts	12	
13	Positioning Wheel Washers	12	
14	Wall Hanger	2	
15	Safety Locking Pin	1	
16	Track Rails (Optional)	2	



<b>Technical</b>	
<b>Lift Capacity</b>	3000 kg/6614 lbs
<b>Dimensions</b>	1635 x 1300 x 115 mm
	64-1/2" x 51-1/4" x 4-1/2"
<b>Weight</b>	45 kg / 99 lbs
<b>Height capacity</b>	60 cm / 23-1/2"
<b>Lift speed</b>	30 - 40 seconds (depending on drill amperage and vehicle weight)
	<b>Impact drill IS NOT ALLOWED</b>
<b>Platform Width/Length</b>	184.15mm X 800mm / 7-1/4" X 31-1/2"
<b>Maximum Outside Width of Platform</b>	1638mm / 64" (1)
<b>Inside Dimension</b>	1270mm / 50"
<b>Minimum Outside Width of Platform</b>	1505mm / 59-1/4"
<b>Inside Dimension</b>	1136.65mm / 44-3/4" (2)

**Note:**

- (1) No vehicle chassis wider than noted
- (2) No vehicle chassis narrower than noted

**Not all vehicles will work with Tilt.**

# INSTALLATION INSTRUCTIONS

## TOOLS REQUIRED

- 10\*Amp/120Volt ½” Corded or Cordless Drill - **DO NOT** use Impact Drill
- (\*less than 10 Amps may have difficulty in raising larger vehicle)
- Open-end Wrench
- Socket Wrench
- Phillips Screwdriver

## 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 USING YOUR NEW LIFT, CHECK THE FOLLOWING:

1. **LIFT LOCATION:** 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 used and check for cracked or defective concrete
4. **OPERATING TEMPERATURE.** Operate lift only between temperatures of 41° - 104° F (5° - 40 °C).



**DO NOT use this lift on any asphalt surface or any soft or uneven surfaces other than concrete.**

## UNPACKING OF MAXJAX TILT LIFT

1. Inspect shipping container.



2. Open shipping container by prying close tabs around crate. Verify all components are present.  
See **Component Parts Identifier (page 8)**



3. Remove Frame Platforms (2), Sleeves, Bolts, Nuts and Wheel assemblies



## UNPACKING OF MAXJAX TILT LIFT, continued

4. Remove, Risers (2), Lift Hangers (2) Screws (4) and Mollies (4)



5. Remove Safety Jack Stand (1)



6. Remove Parts Bag, cut strapping – for easier assembly, leave Tilt Mainframe in container.

## ASSEMBLY OF MAXJAX TILT

1. Raise Arms up so both holes at top line up to each other. Coat the interior of holes with lithium grease to allow for easier components travel



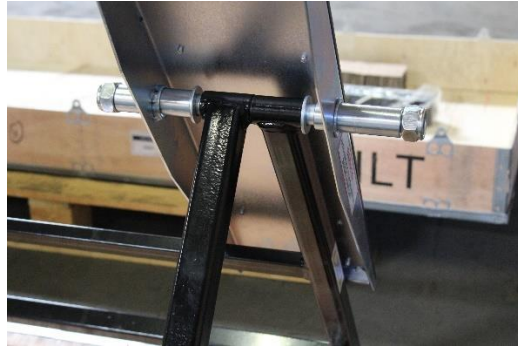
2. Insert Frame Connecting Sleeves, Bolts, Washers and Nuts into Frame.



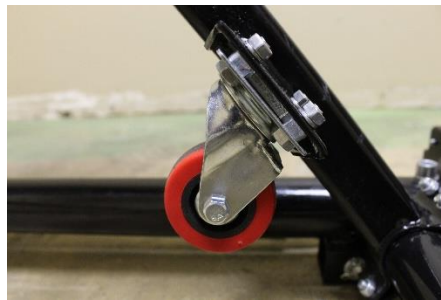
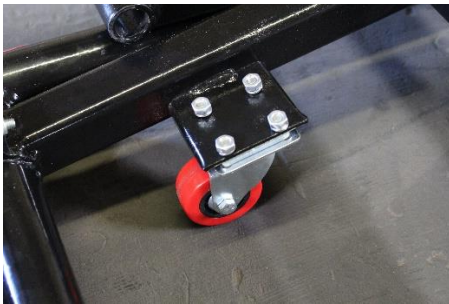


## ASSEMBLY OF MAXJAX TILT, continued

3. Slide Platforms onto Sleeves, attach and tighten Bolts. Duplicate opposite set of Arms.



4. Flip Mainframe over and attach Positioning Wheels.



5. Assembly is complete.

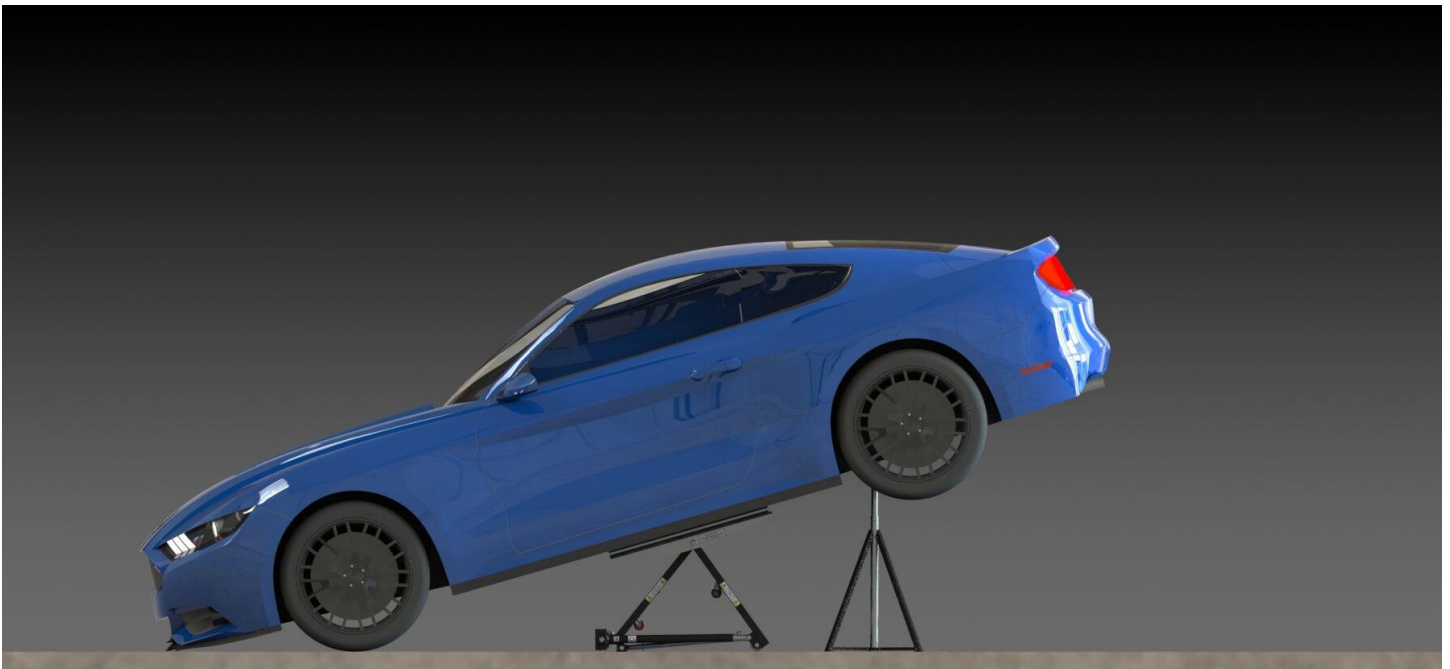
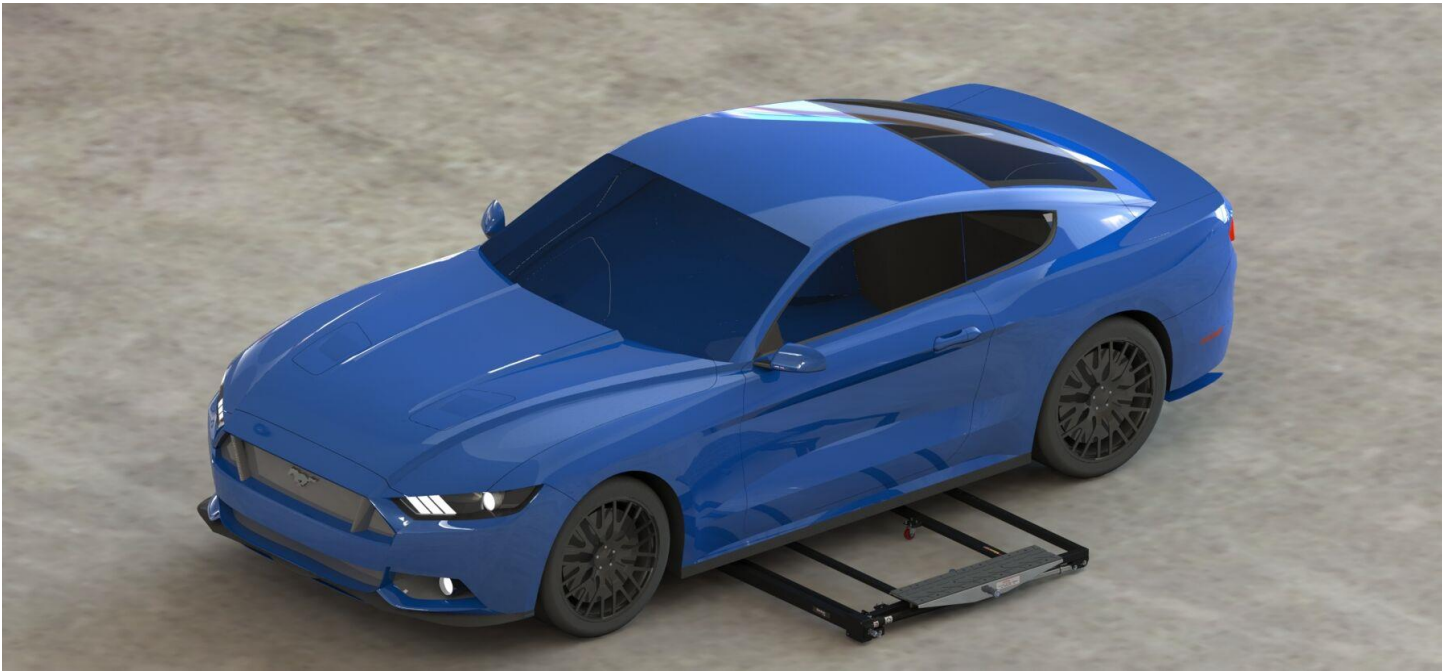


## ASSEMBLY OF MAXJAX TILT, continued

### Finished Images of MaxJax Tilt







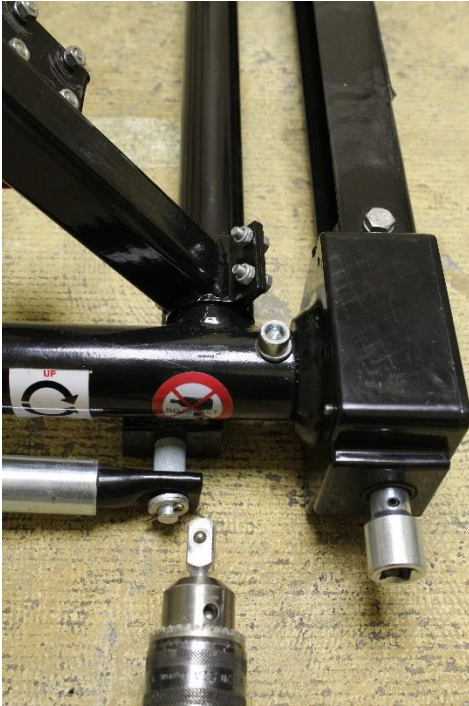
## **WARNING**

While the factory has pre-greased the Gear Drive Box, we recommend that you add additional grease to Boxes (one per side) before first use. (example-Valvoline NLGI #2 GC-LB Complex Lithium EP Grease) Grease is designed to reduce friction of the gears and screw drive internally.

**NOTE:** You will see grease on the side drive shaft as it opens and closes. This is normal and amount of grease will reduce with use. Wipe down excess after each use. Depending on how often you use the Lift, you should check Gear Drive Box periodically to ensure there is enough lubrication to keep friction, wear and tear down to a minimum.

## USING MAXJAX TILT

1. Insert Drill Drive Adapter into Drill and insert into Gear Box.



2. Once Drill has been inserted, lower Lift down to ground.



3. Once Lift has been lowered, you may now be able to use Lift under your vehicle.

## INSTALLING MAXJAX TILT UNDER VEHICLE

1. Before using any lifting device, put vehicle in Park position and set Emergency Brake.
2. Roll MaxJax Tilt under vehicle closest to front wheels Slide Lift under vehicle and align Platforms under chassis frame rails. If pinch welds or body cladding interferes with Platform surface, place Riser Bars on Platforms before raising vehicle.



3. Raise Lift to desired height, insert Safety Pin and brace "up" side of vehicle with Safety Jack Support



# RAISE/LOWER/TILT MAXJAX TILT

## TO RAISE VEHICLE

- Place vehicle in PARK and set parking brake
- Use on hard surfaces only
- Keep area clear around vehicle
- Measure width between chassis frame for correct arm location see manual for detail
- Roll lift under vehicle with the Drive Gearbox closest to front wheels
- Position lift arms under both the driver's and passenger's side of the vehicle's frame.
- If alignment is necessary, adjust side-to-side.

NOTE: Vehicles with pinch welds may require Track Risers to ensure proper lifting without causing damage to vehicle or lift

- Insert Drill Adapter into drill and tighten
- Insert Drill Adapter into Drive Gearbox's Connector

Note: Clockwise to raise, counterclockwise to lower

- Before raising vehicle, verify that there is enough overhead clearance for vehicle once raised
- Raise lift until lift arms contact the frame of the vehicle.
- If not lining up properly, lower lift slightly and readjust arms
- Once reset, raise lift to desired height. Lift slowly

Note: As you raise vehicle, the front half of the vehicle will begin to drop and the rear raise.

- Once lift is at desired height and one set of wheels are touching the ground, insert Safety Locking Pin into Safety Bar.

## **CAUTION**

**NEVER USE LIFT WITHOUT SAFETY LOCKING PIN INSERTED!**

- Place Safety Support Jack under raised side of the vehicle. Must be placed on solid surface of vehicle

## TO LOWER VEHICLE

- Ensure areas around and under vehicle are clear of any items that may get in the way of vehicle coming down
- Remove Safety Support Jack from under vehicle
- Remove Safety Locking Pin
- Insert Drill Adapter into the Drive Gearbox

NOTE: Counter-clockwise to lower, See arrows on Drive Gearbox

- Slowly lower vehicle until all four wheels are touching the ground and the lift arms are clear of the vehicles frame
- Once lift is completely lowered, roll lift out from under vehicle and store for later use.

## **Caution**

**NEVER DRIVE OVER LIFT. DAMAGE TO VEHICLE AND LIFT WILL OCCUR**



## USING MAXJAX TILT, continued

### TO TILT VEHICLE

- Vehicles come in different configurations, engine locations, weights as well as shapes and sizes.
  - No vehicles weighing more than 6600lbs. should be lifted
  - Front engine vehicles should have Gearbox closest to front wheels\*
  - Minivans should have Gearbox moved approximately 3-4 inches from front wheels\*
  - Rear engine vehicles should have Gearbox moved approximately 10 inches from front wheels\*

\*These are only starting points; you may have to try the settings above and adjust as needed. Once you find the correct lifting point, mark the spot for future reference.

- In order to tilt the vehicle, start from wheel side down of vehicle. Never pull down from “wheels up” side, damage to vehicle and lift may occur
  - From the “wheels down”, grab from a solid part of the of the vehicle, like the fender, bumper, frame, etc. Never try and lift from add-on/decorative components
  - Once the vehicle starts to lift, control rise using two hands to ease the vehicle onto the opposite wheels. Never let vehicle bounce. Damage may occur
  - Position Safety Support Jack under vehicle to ensure vehicle will not lower down while working

### **CAUTION**

**When raising, lowering and especially tilting vehicle, ensure there is enough room under bumpers to not damage lower cladding of vehicle**

## FAQ's

### **What is the maximum time a vehicle can remain lifted by the MaxJax Tilt?**

The MaxJax Tilt can keep a vehicle at a chosen height indefinitely. There is no time limit and the position is fixed. Always use the safety locking pin and jack stand before venturing under any lifted vehicle, no matter how long or short a time period. Always lower Tilt when not using,

### **How can I recognize the point of gravity of each vehicle, so I can tilt the vehicle easily?**

There are 3 basic layout of passenger vehicles:

- 1) The most common one is the layout with the engine at the front of the vehicle with front wheel drive. Position the MaxJax Tilt under the vehicle so that the gear boxes are about 4" (10 cm) from front wheels.
- 2) Layout with the engine at the front of the vehicle with rear-wheel drive. The gear boxes should be about 12" (30 cm) from the front wheels.
- 3) Layout with the engine at the back of the vehicle with rear-wheel drive. Position the MaxJax Tilt so that the gear boxes are about 4" (10 cm) from the back wheels, and the lift must be in a reverse position. These recommendations should be used as a base line for lift placement. You may find that you need to adjust an inch or two. Once you have found the best placement for your lift vehicle combination, mark underside of vehicle to use for future use.

### **Do I always have to lift a vehicle to the MaxJax Tilt's maximum height?**

No – the MaxJax Tilt can be stopped at almost any chosen height. You can stop it at any height between 0-23.5" (0-60 cm). Always remember to put the locking pin in place and jack under vehicle.

### **Can I lift electric and hybrid cars with my MaxJax Tilt?**

Yes. As always, make sure the lifting platforms or riser bars are not pressing against any underbody components, pipes, cables, etc. before lifting the vehicle. If the battery parts of an electric vehicle are extended into the chassis part of the vehicle, be careful to prevent damage to these parts.

### **What height will my vehicle be at the back or front when fully lifted on the MaxJax Tilt?**

This varies from one vehicle to the next depending on where the MaxJax Tilt has been placed under the vehicle and how long the front and rear vehicle overhangs are. Always check that the ceilings in the building are high enough to accommodate your vehicle comfortably when raised.

### **What can I do if my drill adapter breaks?**

The dimensions of the drill adapter were developed by our engineering department in a way to prevent damage to gear boxes or any injury to the person operating the MaxJax Tilt. Therefore, the adapter can only break if the user doesn't follow the instructions when using the drill. This happens when you exceed the minimum or maximum height (the lifting limit is 23.5" (60 cm) and the minimum vehicle height is 4.25" (11 cm). Every package of MaxJax Tilt contains 4 adapters for just this occasion.

### **My vehicle weighs exactly 3000 kg (6614 lbs), should I be afraid to use the MaxJax Tilt when its maximum lifting weight is 3000 kg (6614 lbs)?**

The MaxJax Tilt is approved for the lifting capacity of 3000 kg (6614 lbs), but the testing was performed with a heavier load.

### **Do I have to use the security pin when the vehicle is lifted up?**

Yes, use of the security pin is mandatory. WARNING: Remove the security pin every time you want to lower the vehicle in order to prevent damage.

### **Is it possible to use the MaxJax Tilt in humid environments?**

Yes, the MaxJax Tilt is completely mechanical, so it can be used in case you want to wash the bottom of the vehicle or in any humid environments. WARNING: Always keep the drill away from wet or humid environments!

### **Do I have to use the jack stand while the vehicle is lifted?**

Yes, it is mandatory to use the jack stand every time MaxJax Tilt is in use to prevent any injuries. Using the jack stand will prevent the vehicle from tilting and prevent any injury which can be caused by tilting i.e. a person working under the vehicle.

**What variety of vehicles can I lift with the MaxJax Tilt?****FOR USE IN UNIBODY CONSTRUCTION VEHICLES ONLY FRAME CHASSIS MAXIMUM WIDTH IS 61"-MINIMUM WIDTH 48"**

The MaxJax Tilt will lift the vast majority of passenger cars. The lifting platforms are designed to slide in and out to suit the sill widths or jacking points of most passengers' cars. MaxJax Tilt is intended to be used to lift vehicles with unibody construction only. Do not use this product to lift or tilt vehicle with body-on-frame construction! The manufacturer and seller are not responsible for any injuries or damages that are the result of usage while lifting and/or tilting vehicles with body-on-frame construction. See Technical breakdown for details on platform dimensions.

**Can the vehicle tilt accidentally on it own when raised on the MaxJax Tilt?**

No, the vehicle cannot tilt of its own while on the MaxJax Tilt unless the center of gravity changes. Consider that if you remove a significantly heavier part of the vehicle, for example the engine, a heavy load in the trunk etc, the center of gravity of the vehicle may change and the vehicle may tilt by itself. Always use the jack stand.

**What is the maximum width of a vehicle for which the MaxJax Tilt can be used?**

The MaxJax Tilt is equipped with adjustable platforms, they can slide to a minimum width of 48" (1219 cm) and a maximum width of 61" (1549 cm). Note: The MaxJax Tilt can be used for all the vehicle types with a classic chassis.

**Why is there an up arrow on one gearbox and a down arrow on the other?**

The arrows denote which gearbox is designed to raise the lift and which to lower the lift. If the drill used is a single direction drill (only runs clockwise) the up-arrow gearbox will drive the lift up and the down arrow gearbox drives the lift down. If the drill can run clockwise and counterclockwise – the lift may be lifted and lowered from one gearbox.

**What drill power is required to lift the vehicle?**

Use a drill with a minimum 10 Amp motor (120V). A lesser powered drill may strain or burnout while trying to work the gears of the lift.

**Can a vehicle be fixed in the horizontal position?**

No, the vehicle cannot be fixed in the horizontal position. Warranty Voided if lift has been modified.

**Can I use air tools?**

No, it is forbidden to use any air tools. If air tools are used, the gear boxes will be damaged; the warranty does not cover these types of damages. It is also forbidden to use any impact tools.

**Can I use a cordless drill?**

It depends on the power of the battery drill. If it is strong enough and if it is not an impact drill, then it can be used. If an impact drill is used, the warranty will not cover any damages!

**When is it necessary to use the riser bars?**

Make sure the lift rests on a solid part of a vehicle to prevent any damage of plastic or fragile parts. It is recommended to use beam pads when lifting vehicles with an extended plastic side skirt etc.

**Can I drive over the MaxJax Tilt with the vehicle?**

No. It must be placed under the vehicle from the side. WARNING: It is forbidden to drive over the MaxJax Tilt, because it may cause damage to the vehicle and to the MaxJax Tilt as well. The warranty does not cover these types of damages.

**What are the dimensions of the space necessary to use the MaxJax Tilt?**

5.5' (1.65 m) from the side of the vehicle. For standard passenger vehicles, a garage with a height of 8' (2.5 m) is enough, but it always depends on the length and type of the vehicle. WARNING: Always check the height of the ceiling before tilting the lifted car! Before you raise the vehicle, check your entire surroundings to make sure there is plenty of working space so as not to hit any parts of the vehicle or ceiling etc. The manufacturer and seller are not responsible for any injuries or damages that are result of incorrect usage while lifting and/or tilting.

**What to do when there is a power outage – how can I lower the vehicle?**

In such case, use a ½ ratchet wrench to lower lift.

**Does the MaxJax Tilt need any maintenance (e.g. lubrication of the trapezoidal screw)?**

MaxJax Tilt does not need any maintenance. It contains a lifelong amount of lubrication without any need of a refill. Any tampering with the MaxJax Tilt hardware is not recommended and may affect the warranty.

**Where should I lift the vehicle if I want to tilt it?**

It is recommended to lift the vehicle by the area touching the floor (front or back of the vehicle); always lift the vehicle by a solid part (i.e. fender, trunk etc). Always make sure that lifting part is solid enough. The manufacturer is not responsible for any injuries or damages that may result due to incorrect lifting of vehicle.

**Where to store MaxJax Tilt when it is not in use?**

The MaxJax Tilt can be kept leaning against the wall on its gear box housings or hanging on the wall using supplied hangers. There are no special conditions required for storage of the MaxJax Tilt, except that the temperature of the room in which the MaxJax Tilt is stored should be between 0 °C (35 °F) and +40 °C (104 °F). **WARNING:** The product should be assembled, used and stored well away from sources of heat such as radiators, boilers, direct sunlight etc. Sources of heat can damage the rubber on the platform and riser pads. Metal parts of the product could get very hot due to a source of heat and contact with skin or other part of body could cause injury. The manufacturer is not responsible for any injuries or damages that are result of incorrect storage of the product.

**What to do if I am not able to tilt the vehicle?**

The vehicle was probably placed outside the center of gravity. Try changing the position towards the center of gravity of the lifted vehicle (towards the engine or to back of the vehicle, as needed).

**What is the minimum height of my MaxJax Tilt?**

The lift in its fully lowered position is approximately 4.25" (11 cm) high. The lift should wheel easily under any vehicle with a clear underbody height of 4.5" (11.5 cm) or more. If vehicle is lower than 4.25", you can use a 2" X 4" piece of wood or drive-up ramps.

**Is it possible to use MaxJax Tilt to lift sports vehicles and very low vehicles?**

The MaxJax Tilt can be used for all vehicles with minimum clearance height of 4.5" (11.5 cm), be careful in case of modified vehicles which can have plastic/carbon fiber side skirt extensions installed. In such cases, you may need to use the riser pads to that may provide better clearance. NEVER lift vehicle with platform or riser platforms touching plastic side skirts!

**What is included with my MaxJax Tilt purchase?**

As a standard, every MaxJax Tilt comes with a jack stand, riser pads, and 4 pcs of drill adapters. Packaging: Each MaxJax Tilt has its own closed wooden crate, it is very well protected, and the package is stackable and can be handled using a fork-lift.

**How long is the warranty for MaxJax Tilt?**

Limited one-year warranty from the date of purchase of the lift. The warranty will not apply if the safety instructions, precautions and storage instructions are not followed.

**What surfaces are suitable for the MaxJax Tilt lifting device?**

The lifting device can be used on all reinforced surfaces commonly used in service centers and garages (concrete floors, heavy-duty pavements etc.). To avoid damage or scratching of any surface, for example if the lift is used in showrooms or spaces with polished pavement (or any other interior non-heavy-duty pavement), we recommend to place a sheet metal plate under the metal travelling wheels.

**WARNING:** The travelling wheels bear the entire weight of the lifted vehicle and they can thus leave markings or scratches in polished pavements. The manufacturer is not responsible for any injuries or damages that are result of incorrect assembly or usage of rails for uneven surface. Never use MaxJax Tilt on very muddy (melted) asphalt, muddy ground, non-horizontal surfaces (no uphill or downhill), very uneven surface like stones or rocks, surface with big holes or surfaces with a tendency to collapse. The manufacturer and seller are not responsible for any injuries or damages that are the result of incorrect usage of the product on an unrecommended surface.



# GENERAL DISCLAIMER

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

1. The purchaser of any DANNMAR product (Buyer) assumes the risk of verifying all materials or resources used or relied on. In no event will DANNMAR be liable to the Buyer or to anyone else for any decision made or action taken in reliance on information obtained from any DANNMAR website or from any DANNMAR dealer, or third-party website, or any online or published catalog.
2. DANNMAR has exclusive title and ownership rights including all intellectual property right throughout the world for all material and content contained on any DANNMAR website or from any DANNMAR online or published catalog.
3. DANNMAR warrants that all products shown on any DANNMAR website or in any online or published catalog conform to DANNMAR 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. DANNMAR websites may contain hypertext or other links to websites not owned or controlled by DANNMAR. Links to other computer systems or websites are not supervised nor regularly reviewed by DANNMAR. DANNMAR 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 DANNMAR website, or any other DANNMAR affiliate or dealer website, or any DANNMAR online or published catalog are subject to change. DANNMAR takes no responsibility for improper use or any results thereof. DANNMAR 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. DANNMAR 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. DANNMAR 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 DANNMAR website(s), or any DANNMAR online or published catalog. Not all DANNMAR lift models meet the standards as prescribed by ANSI/ALI ALCTV-(current edition) or ANSI/UL 201. Consult [www.autolift.org](http://www.autolift.org) for a complete list of lift models that meet ANSI/ALI ALCTV-(current edition) or ANSI/UL 201, or contact DANNMAR via [contact@dannmar.com](mailto:contact@dannmar.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 DANNMAR product. DANNMAR 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 DANNMAR be liable for any special, incidental, or consequential damages based on breach of warrant, breach of contract, negligence, strict tort, or any other legal theory. Damages that DANNMAR 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 DANNMAR published Warranties and

DANNMAR 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 DANNMAR 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 DANNMAR 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.

# **MAXJAX TILT LIFT LIMITED WARRANTY\***

## **Better Products -- Better Service -- Better Value**

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

One year (12-Months) Warranty on the lift structure

One year (12-Months) Warranty on operating components

One Year (12-Months) Warranty on the

hydraulic cylinder(s) and power unit

One Years (12-Months) Free-Shipping\*\* on ground-freight charges related to warranty performance

### **YOU MUST CONTACT DANNMAR FOR ANY WARRANTY CONSIDERATIONS.**

#### **Limited Warranty**

1. Who gives this warranty (Warrantor): DANNMAR Inc., 646 Flinn Avenue., Moorpark, CA 93021
2. Who receives this warranty (Purchaser): The original Purchaser (other than for purpose of resale)
3. What products are covered by this warranty: Any DANNMAR Two-Post or Four-Post Vehicle Service Lift\*\*\*
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. Any failure that results from Purchaser's abuse, neglect or failure to install, operate, maintain or service product in accordance with instructions provided in the owner's manual(s) supplied
  - b. Any damage caused by overloading lift beyond rated capacity
  - c. Items or service normally required to maintain the product, i.e. lubricants, oil, etc.
  - d. Items considered general wear parts such as rubber pads, lifting cables, etc. unless wear or failure is a direct result of manufacturer defect due to material and/or workmanship
  - e. Any component damaged in shipment or any failure caused in whole or in part by installing or operating lift under conditions not in accordance with installation and operation guidelines or damaged by contact with tools or surroundings
  - f. Motor or pump failure caused by rain, excessive humidity, corrosive environments or other contaminants
  - g. Rusted components due to improper maintenance or corrosive environments
  - h. Cosmetic defects that do not interfere with product functionality
  - i. Damage due to incorrect voltage or improper wiring
  - j. Any incidental, indirect, or consequential loss, damage, or expense that may result from any defect, failure, or malfunction of DANNMAR Inc. product
  - k. All electrical components (excluding power unit) are guaranteed for one year against defects in workmanship and/or materials when the lift is installed and used according to specifications
  - l. Shipping\*\* costs after warranty period has expired
6. Responsibilities of Warrantor under this warranty: Repair or replace, at Warrantor's option, component 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 DANNMAR Authorized Service center. Freight costs may be borne by the Purchaser
  - c. Use reasonable care in the installation, 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 workflow at the servicing location, and depending on the availability of replacement parts.
9. The warranty will be voided if the product is not installed in accordance with the instructions provided by Dannmar.
10. This Warranty is further limited by DANNMAR'S General Disclaimer and Terms and Conditions of Sale.

#### **Limitation of Liability**

DANNMAR shall have no obligation pursuant to this Warranty with respect to products which in our

## **Warranty continued**

sole judgment have been altered damaged, misused, abused, badly worn, lost or improperly installed or maintained. This Warranty is null and void if the customer or any other person other than an authorized representative of DANNMAR has made any attempt to service or modify the tool prior to its return to DANNMAR 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. DANNMAR products are provided and sold as is without any express or implied warranties including warranties of merchantability or fitness for a particular purpose. No warranties, expressed or implied, will apply after the period set forth in this Limited Warranty. DANNMAR may modify these terms and conditions at any time by either providing the customer with written notice or posting such revised terms on [www.DANNMAR.com](http://www.DANNMAR.com). Such revised terms shall be effective thirty days from the date of such written notice or posting.

\*As determined by Warrantor in its sole discretion\*\*Free-shipping applies to direct shipping points within the 48 continental United States. Rural area shipping surcharge may apply for remote addresses. \*\*\*For all Dannmar brand Two-Post or Four-Post Vehicle Service Lifts (excluding specialty lifts, original MaxJax, Cadet aka SX6 and/or models for particular purpose) manufactured on or following January 1, 2017

## **FOR PARTS OR SERVICE CONTACT:**

**Dannmar Equipment**  
**646 Flinn Ave. Moorpark, CA 93021**  
**Tel: 1-877-432-6627**  
**Fax: 1-805-530-1909**

**[www.dannmar.com](http://www.dannmar.com)**