

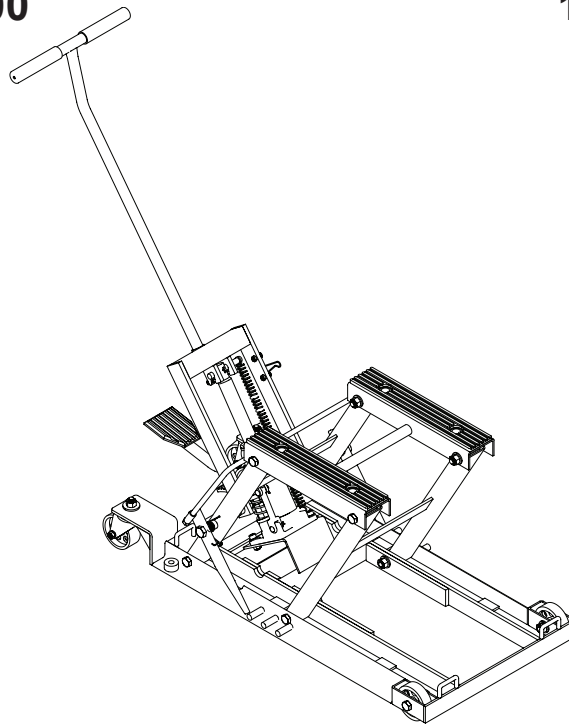


Motorcycle / ATV Lift

Operating Instructions & Parts Manual

Model
JMC1100

Capacity
1100 Lbs



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or property damage.



WARNING



*To avoid crushing and related injuries:
NEVER work on, under or around a
load supported only by a hydraulic jack.
ALWAYS use a pair of adequately rated
jack stands.*

Mac Tools

505 N. Cleveland Ave. Suite 200
Westerville, OH 43082

a division of Stanley Black & Decker

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SAFETY AND GENERAL INFORMATION

Save these instructions. For your safety, read, understand, and follow the information provided with and on this device before using. The owner and/or operator shall have an understanding of the device, its operating characteristics and safety operating instructions before operating the equipment. The owner and/or operator shall be aware that use and repair of this product may require special skills and knowledge. Instructions and safety information shall be read to and discussed with the operator in the operator's native language, making sure that the operator comprehends their contents, before use of this equipment is authorized. If any doubt exists as to the safe and proper use of this device, remove from service immediately.

Inspect before each use. Do not use if abnormal conditions such as cracked welds, damaged, loose or missing parts are noted. Any equipment that appears damaged in any way, is found to be worn, or operates abnormally shall be removed from service until repaired. If the equipment has been or is suspected to have been subjected to an abnormal load or shock, immediately discontinue use until inspected by a factory authorized repair facility (contact distributor or manufacturer for list of authorized repair facilities). It is recommended that an annual inspection be made by an authorized repair facility. Labels and Operator's Manuals are available from the manufacturer.

PRODUCT DESCRIPTION

Mac Tools Motorcycle/ATV Lift is specifically designed to lift and support up to rated capacity loads consisting of a single Motorcycle, ATV, Water Craft or Riding Lawn Mower whose frames are compatible with the lifting members. Incompatibility is evident when the loaded motorcycle, ATV, etc. wobbles, feels unstable, and/or does not set securely on the lift pads. Tying down incompatible loads will not make the loads secure and may cause unexpected loss of load resulting in personal injury and/or property damage. This Lift is NOT suitable for lifting, leveling and/or positioning cars, trucks, SUV's or conveyances other than those specifically listed above. This Lift is NOT suitable for lifting, leveling and/or positioning houses, construction trailers and buildings in general. This product does not contain independent lifting devices, but is designed to be permanently assembled. Hydraulic unit is not to be used independently of the motorcycle lift.

SPECIFICATIONS

Model	Capacity	Base Size (L x W)	Lift Platform Dimensions	Min. Height	Max. Height
JMC1100	1,100 lbs	34-1/4" x 17"	14-1/2" x 13-3/8"	4-3/4"	16-1/2"

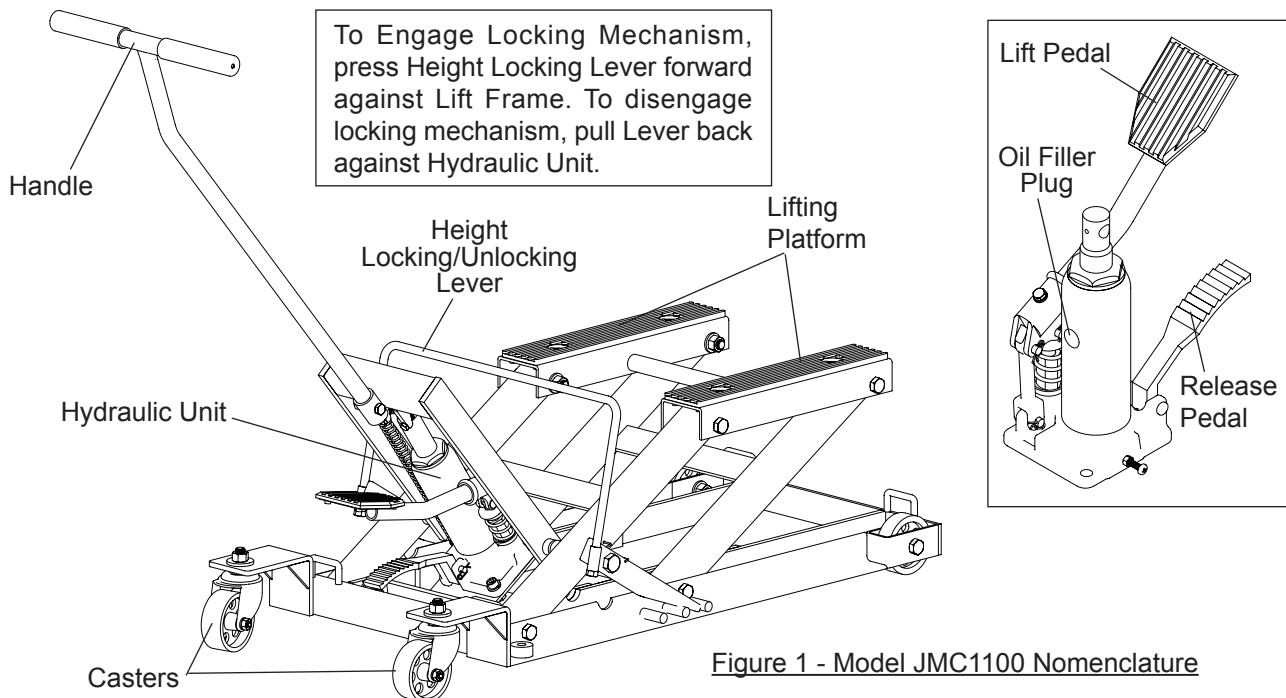


Figure 1 - Model JMC1100 Nomenclature

Before Use (ref. Fig. 1)

1. Before assembling product, read this operating manual completely and familiarize yourself thoroughly with the product, its components and recognize the hazards associated with its use.
2. Verify that the product and the application are compatible.
3. Place hydraulic unit in an upright, level position. Press release valve lever to ensure ram is fully retracted. Install lift pedal into sleeve and secure with provided bolt (M8 x 10).
4. Pump foot pedal several times. If ram plunger responds immediately, bottle jack is ready for use. If jack does not respond, follow **Bleeding/Venting Trapped Air** instruction below.

Bleeding/Venting Trapped Air

Depress release pedal to lower ram plunger fully. Locate and remove the oil filler plug and pump lift pedal several times. This will help release any pressurized air which may be trapped within the reservoir. Oil level should be even with the bottom of the oil filler hole, adjust level if necessary. Reinstall the oil filler plug.

5. Ensure that pump operates smoothly before putting into service. Replace worn or damaged parts and assemblies with Mac Tools authorized replacement parts only (ref. **Replacement Parts** Section).

ASSEMBLY

1. Install hydraulic unit into receiver and secure with provided 7.5mm x 22mm bolt.
2. Install handle into frame and secure using the provided bolt.
3. Lift should roll freely, lift, lock, and lower easily. Familiarize yourself with the release pedal, lift pedal, and the height locking and unlocking mechanism operation prior to loading the Lift.

OPERATION

1. Position Lift under appropriate lift point, centering load on lift platform.
2. Locate and pump the lift pedal until the lift platform comes into contact with an appropriate lift point.
3. After centering the load, slowly and carefully raise the lift platform by pumping the lift foot pedal.
4. Lock both swivel casters by pressing down on the caster lever marked 'lock'.
5. Continue pumping until the load has reached desired height. Secure the load using appropriate tie down means. Four tie down loops have been provided on the frame of the Lift. Make sure that the height locking mechanism is fully engaged before working on or around the loaded Lift.

 **WARNING:** Clear all tools and personnel before lowering load.

6. To lower, disengage height locking lever and depress release pedal. It may be necessary to slightly raise the lift platform before disengaging the height locking lever.



WARNING

- Study, understand and follow all instructions before operating this device.
- Do not exceed rated capacity.
- Use only on hard, level surfaces.
- Center load on lift pads.
- Lift only on areas of the vehicle specified by it's manufacturer.
- Immediately after lifting load, ensure lift mechanical load holding means is engaged.
- Before moving, lower the load to lowest possible point.
- Secure load with appropriate restraint device.
- Use of this product is limited to lifting, lowering, transporting and storing in the lowered position, loads consisting of a single vehicle whose lift points are compatible with the lift platform. Incompatibility is evident when the loaded motorcycle/ATV wobbles, appears unstable, and/or does not securely engage the lift platform.
- Restraining an incompatible load will not make the load secure and may cause unexpected loss of load.
- Never work on, around or under a load that is not secured and stable.
- Keep operator's and bystander's head, hands and feet away from lift arms when raising and lowering.
- No alterations shall be made to this product.
- Only attachments and adapters supplied by the manufacturer shall be used.
- Failure to heed these markings may result in personal injury and/or property damage.

MAINTENANCE

Keep lift clean and well lubricated. Apply light machine oil to all pivoting joints as needed. Thoroughly wipe up excess oil to help prevent slipping and falling.

NOTICE: Use premium quality hydraulic jack oil. Avoid mixing different types of fluid and do not use brake fluid, turbine oil, transmission fluid, motor oil or glycerin. Improper fluid can cause failure of the jack and the potential for sudden and immediate loss of load.

Adding oil

1. To check hydraulic oil level, unload Lift, lower lift platform completely, then remove hydraulic unit from Lift. Place hydraulic unit upright on a stable, level surface. Locate and remove oil filler plug.
2. Ensure the oil level is even with the oil filler plug hole. Reinstall the oil filler plug, then install hydraulic unit onto receiver. Secure with provided bolts.

Changing oil

For best performance and longest life, replace the complete fluid supply at least once per year.

1. With saddle fully lowered, remove hydraulic unit from Lift. Place hydraulic unit upright on a stable, level surface. Remove the oil filler plug.
2. Lay the unit on its side and drain the fluid into a suitable container.

NOTICE: Dispose of used hydraulic oil in accordance with local environmental regulations.

3. Ensure the oil level is even with the oil filler plug hole. Reinstall the oil filler plug, then install hydraulic unit onto receiver.

Lubrication

A periodic coating of light lubricating oil to pivot points, axles and hinges will help to prevent rust and assure that wheels, casters and pump assemblies move freely.

Cleaning

Periodically check the pump piston and ram for signs of rust or corrosion. Clean as needed and wipe with an oily cloth.

Storage

When lift is not in use, lift platform should be stored in the fully retracted position.

TROUBLESHOOTING

Symptom	Possible Causes	Corrective Action
Hydraulic unit will not lift load	<ul style="list-style-type: none">• Release valve not tightly closed• Overload condition	<ul style="list-style-type: none">• Ensure release valve tightly closed• Remedy overload condition
Hydraulic unit bleeds off after lift	<ul style="list-style-type: none">• Release valve not tightly closed• Overload condition• Hydraulic unit malfunction	<ul style="list-style-type: none">• Ensure release valve tightly closed• Remedy overload condition• Contact Mac Tools technical service
Lift will not lower after unloading	<ul style="list-style-type: none">• Reservoir overfilled• Linkages binding	<ul style="list-style-type: none">• Drain fluid to proper level• Clean and lubricate moving parts
Poor lift performance	<ul style="list-style-type: none">• Fluid level low• Air trapped in system	<ul style="list-style-type: none">• Ensure proper fluid level• Perform Bleeding/Venting Trapped Air procedure, page 3
Will not lift to full extension	<ul style="list-style-type: none">• Fluid level low	<ul style="list-style-type: none">• Ensure proper fluid level

REPLACEMENT PARTS

Not all components of the jack are replacement items, but are illustrated as a convenient reference of location and position in the assembly sequence. When ordering parts, give Model number, serial number and parts description. Call or write for current pricing: Mac Tools Inc. (a division of Stanley Black & Decker) 505 N. Cleveland Ave. Suite 200, Westerville, OH 43082. Tel: 1-800-MAC-TOOL (622-8665)

Item	Part No.	Description	Qty
1	49155-1	Front Wheel Assy	2
2	49155-2	Rear Caster Assy	2
3	49155-3	Hydraulic Unit Assy	1
4	49155-4	Oil Filler Plug (ref. page 2)	1
5	49155-5	Height Locking Lever Assy	1
6	49155-6	Handle	1
-	49155-7	Tie-down Strap (not shown)	2
-	49155-8	Hardware Kit	1

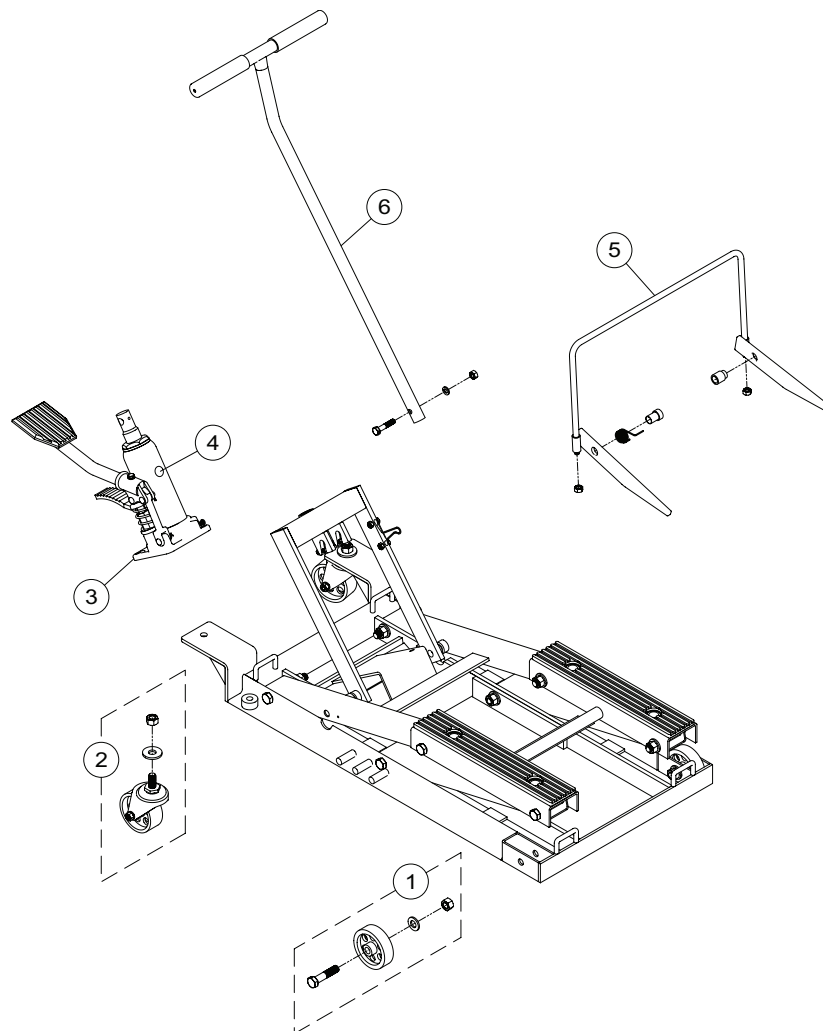


Figure 2 - Replacement Parts Illustration for Model JMC1100

ONE YEAR LIMITED WARRANTY

For a period of one (1) year from date of purchase, **Mac Tools** (a division of Stanley Black & Decker) will repair or replace, at its option, without charge, any of its products which fails due to a defect in material or workmanship under normal usage. This limited warranty is a consumer's exclusive remedy.

Performance of any obligation under this warranty may be obtained by returning the warranted product, freight prepaid, to **Mac Tools** (a division of Stanley Black & Decker) Warranty Service Department, 505 N. Cleveland Ave., Suite 200 Westerville, OH 43082.

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