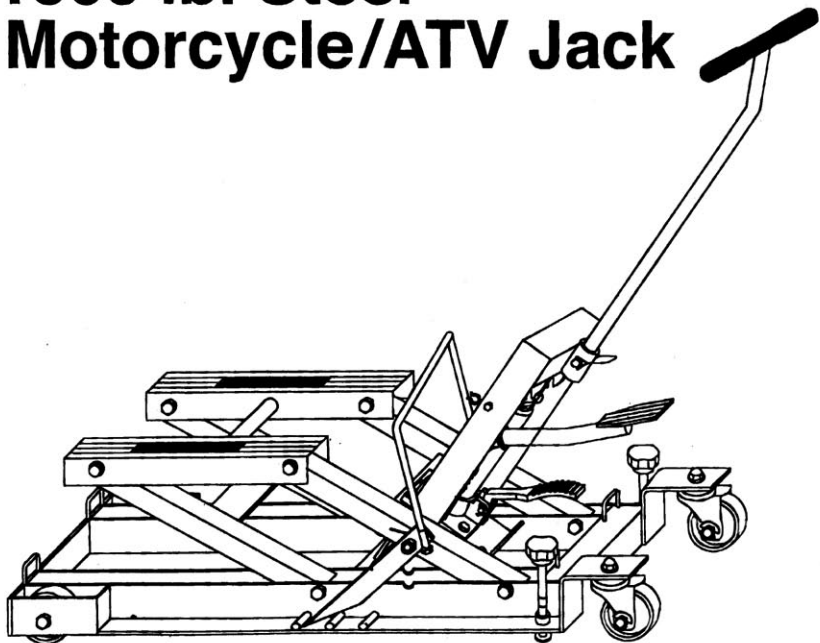


Operator's Manual

1500 lb. Steel Motorcycle/ATV Jack



CAUTION: Read, understand and follow all Safety Rules and Operating Instructions in this manual before using this product.

SAFETY INSTRUCTIONS

WARNING:

- Failure to heed product warning labels may result in personal injury or property damage.
- Study, understand and follow all the instructions before operating this device.
- **DO NOT** exceed rated capacity.
- Use only on hard level surfaces.
- Lift only on areas of the vehicle as specified by the vehicle manufacturer.
- Center vehicle on lift pads.
- **Immediately after raising vehicle, ensure that Height Lock Bar is engaged.**



NEVER place yourself under or in a position around a raised vehicle where if it came loose from the jack and fell off of the jack, it could cause serious bodily injury!

SAFETY INSTRUCTIONS (cont.)

WORK AREA SAFETY

1. This jack is rated for a maximum of 1500 pounds. **DO NOT** exceed the rated capacity. Overloading may cause damage to the jack and cause it to fail.
2. **ALWAYS** use tie-down straps to secure the vehicle to the jack.
3. **ONLY** use jack on a hard level surface that is capable of supporting the vehicle
4. **ALWAYS** lower the vehicle to the lowest possible position **BEFORE** attempting to move it.
5. **ALWAYS** use the height lock bar when the vehicle is raised to prevent the vehicle from dropping accidentally.
6. **ALWAYS** inspect jack before each use.
7. **DO NOT** use if leaking fluid and/or broken, bent, cracked or otherwise damaged parts are noted.

8. **ALWAYS** wear safety glasses when operating this product.
9. Failure to comply with the information contained in this manual could result in personal injury and/or property damage.

PRODUCT DESCRIPTION AND FEATURES

This jack (See Figs. 1, 1A, 1B, and 2) has special built-in features that make it ideal for performing minor repairs, oil changes, cleanups and more.

These features include:

- 1500-pound load capacity to lift most motorcycles and ATV's.
- A fast-action hydraulic pump for easy lifting from 3¹/₂ to 16¹/₂ inches above front of jack base. Two adapter plates, sold separately (See Fig. 1A) are available to allow lifting to 18¹/₂ inches above front of jack base.
- 3-position Height Lock Bar provides positive locking at three lift heights: 11³/₄ in., 14¹/₄ in. and 16¹/₂ in.

IMPORTANT: Upon raising vehicle, the jack must **IMMEDIATELY** be locked into one of the three lift heights.

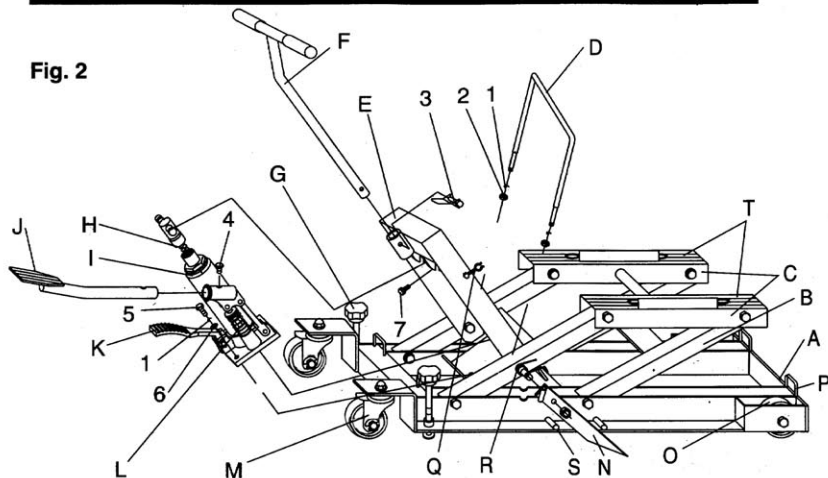
- Precision controlled foot release for lowering the vehicle.
- Can be used as a dolly to move your vehicle to a convenient location for working or storage.
- T-Handle for added control when dollying vehicle into working or storage location.
- The jack also includes two 1-inch wide x 15 foot long ratcheting tie-down straps (See Fig. 1B) to help secure the vehicle.
- It has adjustable locking screws.

SPECIFICATIONS

Maximum load capacity:.....	1500 lbs. (681kg.)
Lifting range:	11 3/4 in., 14 1/4 in. and 16 1/2 in.
Base size:	35 1/4in. x 17 in.
Weight without the two tie-down straps and the two adapter plates (sold separately):.....	77 lbs. (35kg)

PRODUCT DESCRIPTION AND FEATURES (cont.)

Fig. 2



PARTS LIST

PART No.	DESCRIPTION	QTY
A	Base	1
B	Link	1
C	Lift Saddle	1
D	Height Lock Release	1
E	Connecting Rod	1
F	T-Handle	1
G	Locking Screw	2
H	Return Spring	1
I	Hydraulic Ram	1
J	Foot Pedal	1
K	Release Pedal	1
L	Pump Spring	1
M	Rear Caster Assy	2
N	Height Lock Bar	2
O	Front Wheel Assy	2

PARTS LIST (cont.)

PART No.	DESCRIPTION	QTY
P	Loops	4
Q	Clip	1
R	Height Lock Springs	1
S	Lock Position Ridge	3
T	Rubber Pads	2

HARDWARE BOX

PART No.	DESCRIPTION	QTY
1	Spring Washer Ø8	4
2	Nut M8	2
3	Cotter Pin	1
4	Bolt M8 x 12	1
5	Bolt M8 x 25	2
6	Washer Ø8	2
7	Bolt, M6x 15	1

ASSEMBLY INSTRUCTIONS

1. Attach Hydraulic Ram (I) to Connecting rod (E) using M6 x 15 Bolt (7); proceed to attach Ram onto Base (A) using 2 M8 x 25 Hex Bolts (5), 2 Spring Washers (1) and 2 Washers (6). Tighten all fasteners thoroughly.

ASSEMBLY INSTRUCTIONS (CONT.)

2. Insert Foot Pedal Arm (J) into the sleeve of Hydraulic Ram (I) and secure with M8 x 12 Hex Bolt (4).
3. Attach Height Lock Release (D) to Height Lock Bar using 2 Spring Washers Ø8 (1) AND 2 Nuts M8 (2).
4. Attach T-Handle (F) to Connecting Rod (E) with Cotter Pin (3).
5. Make sure that all connections are tightened thoroughly.

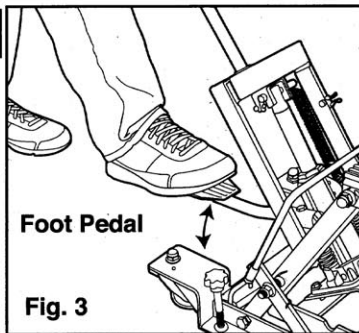
OPERATING INSTRUCTIONS

TO RAISE THE VEHICLE (See Figs. 2, 3)

1. Place jack on a hard level surface.
2. To avoid item from slipping during the raising operation, **ONLY** lift on points of vehicle specified by vehicle manufacturer in the vehicle's operator's manual.
3. Place the jack under the item so that the Lift Saddle (C), See Fig. 2, is positioned under the center of the weight load.
4. Pump the foot pedal (J), See Fig. 3, until the lift saddle (C) comes in contact with the vehicle to be lifted; **ALWAYS** check to be sure that the saddle and the vehicle are positioned correctly **BEFORE** raising the jack.
5. Use Foot Pedal to raise vehicle. Pump Foot Pedal until tip of Height Lock Bar moves past desired lock position ridge. The tip of the Height Lock Bar will sink into position just behind the ridge. Depress release pedal slightly so that the tip moves snugly against ridge.
6. Apply tie-down straps (See page 7, Securing the Vehicle) once vehicle has been raised to the desired working height. Thoroughly tighten the two tie-down straps.
7. Stabilize loaded jack on a hard surface for maximum balance by adjusting locking screws (G), See Fig. 2.

TO LOWER THE VEHICLE, Fig. 2

1. Raise the jack slightly and pull back on the Height Lock Release to release Height Lock Bar.
2. Fasten the Height Lock Release (D) to the Clip (Q) to completely lower the vehicle.
3. Press the Release Pedal (K) very gently to lower the Saddle (C) and vehicle.

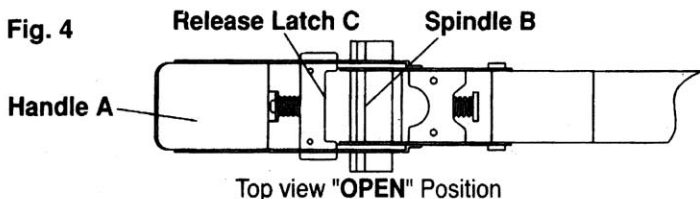


OPERATING INSTRUCTIONS (cont.)

CAUTION: Tie-down straps will become loose and vehicle will be released upon lowering the vehicle.

SECURING THE VEHICLE with the two 1-in. x 15-ft. Ratcheting Tie-Down Straps (see Fig. 4, 4A)

Fig. 4



1. Secure one strap hook end to the Handle (A). Arrange strap over vehicle (see Fig. 4A). Secure other strap hook end to Front Wheel Axle of jack.
2. With the Handle (A) in the closed position, take long strap end and slip it through the insertion slot in spindle. Pull back over spindle.
3. Tighten the strap by ratcheting the handle back and forth until the vehicle is secure. In order to keep the strap in position while tightening, it may be necessary to take up the excess slack by hand until the strap is tight.
4. To lock ratchet, place Handle (A) in the closed position.

CAUTION: To avoid damage to the vehicle, **DO NOT** over-tighten strap.

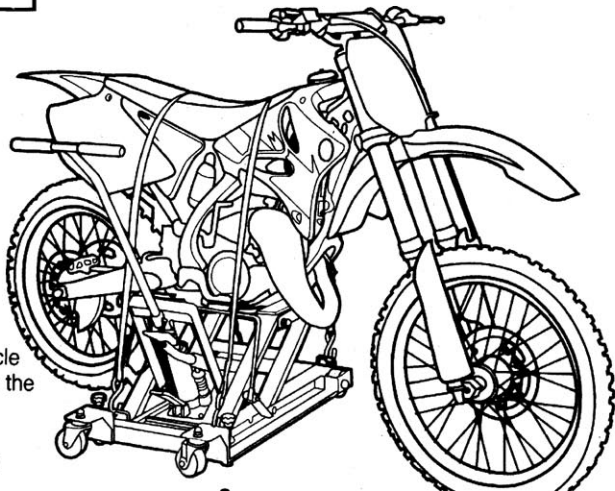


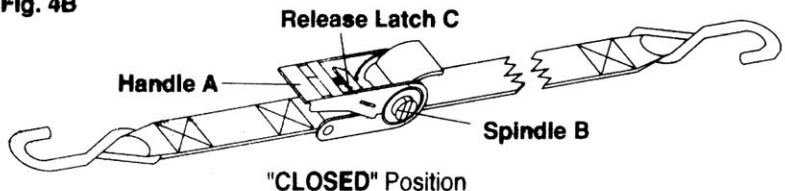
Fig. 4A

High-chassis motorcycle secured onto jack with the 2-inch adapter plates, sold separately and the two ratcheting tie-down straps.

OPERATING INSTRUCTIONS (cont.)

RELEASING THE VEHICLE FROM THE TWO RATCHETING TIE-DOWN STRAPS (see Fig. 4B)

Fig. 4B



1. Hold the ratchet in one hand and with the other hand pull back on Release Latch (C).
2. While holding Release Latch (C) back, open Handle (A) fully past the locking gears until Latch (C) locks in a completely open position or until the load releases.



CAUTION:

The **VEHICLE** will release at this point.

3. To remove strap, pull up on ratchet and slide strap out of Spindle (B).



WARNING:

FOR THE TWO RATCHETING TIE-DOWN STRAPS

1. **DO NOT** use the two tie down straps for towing vehicles or to hold or suspend human weight.
2. **DO NOT** use pliers or any other tools to operate the ratcheting handle (A), (see Fig. 4B). Use hand power only.
3. Protect strap webbing from sharp edges, heat and acid. Replace strap webbing if it is cut, worn or damaged. Inspect strap webbing, hooks and hardware before each use.

MAINTENANCE

AIR PURGING INSTRUCTIONS

Sometimes during shipping or even with ordinary jack usage, air can become trapped in the hydraulic ram, which can cause the jack to lift very slowly or even lose its ability to lift at all. If this should happen, fully retract the hydraulic ram and remove the oil filler plug. Then pump the handle 6 to 8 strokes to help release any pressurized air that may be trapped in the oil reservoir. Be sure that the oil level is just below the oil filler plug hole. Reinstall the oil filler plug.

TO ADD HYDRAULIC JACK OIL

With ram fully lowered and jack on level ground Remove the oil plug. Using a good grade of (SAE 5 W) hydraulic jack oil, fill the oil reservoir to the top. Replace oil plug.

TO REPLACE HYDRAULIC JACK OIL

Turn the jack over so that old oil will drain from oil fill hole (see note).

NOTE: When draining oil, use a proper container and **ALWAYS** follow **ALL** local and state waste disposal guidelines.

Using a good grade of (SAE 5W) jack oil, refill through oil fill hole. Be very careful and **DO NOT ALLOW** dirt or debris to enter the system.

LUBRICATION

Put grease in fitting on base and lubricate lifting arm spindle, every 3 months.



IMPORTANT: When adding or replacing oil, **ALWAYS** use a good grade of hydraulic jack oil. **NEVER** use brake fluid, alcohol, glycerin, detergent motor oil or dirty oil of any kind. Improper oil usage will cause serious internal damage to jack.

RUST PREVENTION

Clean and wipe the hydraulic ram with an oily cloth every 3 months or when signs of rust or corrosion appear. When not in use, **ALWAYS** leave the saddle and pump piston in the completely down position.