

# K1570-1 CYLINDER UNDERCARRIAGE KIT -INSTALLATION-

## IM600

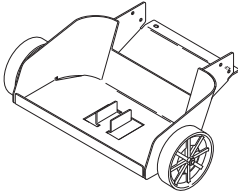
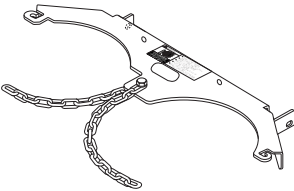
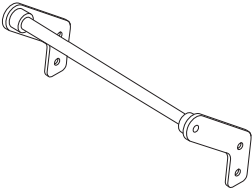
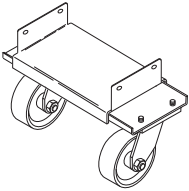
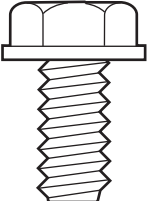
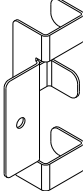
June, 2005

### REQUIRED TOOLS

3/8" Nut driver  
9/16" Socket & Ratchet  
6" x 3/8" Socket Extension  
Electric chain hoist (recommended)

### UNPACK THE KIT

Your Undercarriage Kit is a Dual Cylinder kit. Check your Undercarriage Kit for the following.

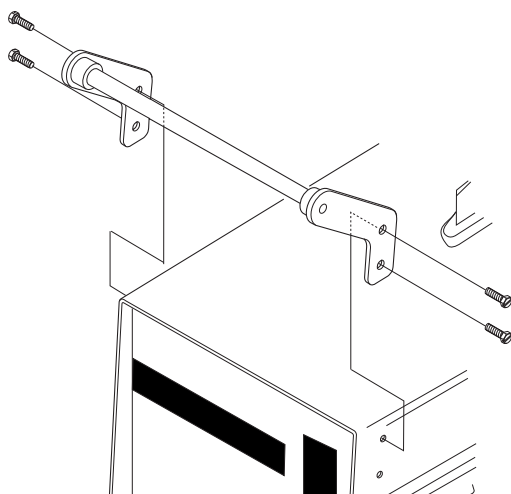
K1570-1 Dual Cylinder Undercarriage Kit	
 Lower Cylinder Support Wheel Assembly	 Upper Cylinder Support Bracket and Warning Decal
 Handle Assembly	 Caster Wheel Assembly
 (Actual Size) 3/8 - 16 x 1.00 Hex Head Thread Cutting Screw (Cadium Plated - Quantity 8)	 Cable Retainer (Quantity 2)



Copyright © 2005 Lincoln Global Inc.

- World's Leader in Welding and Cutting Products •
- Sales and Service through Subsidiaries and Distributors Worldwide •

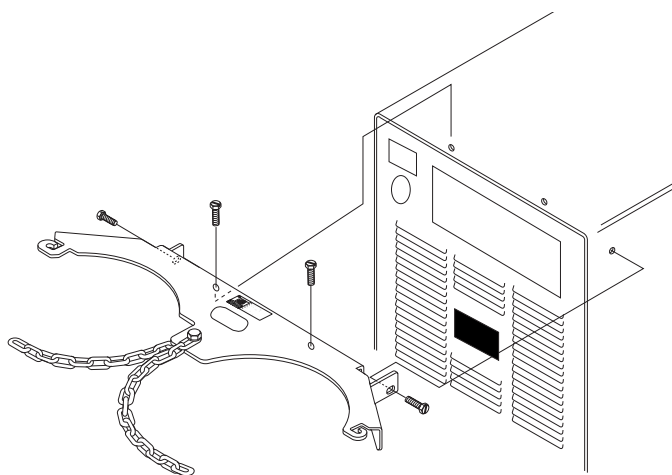
Cleveland, Ohio 44117-1199 U.S.A. TEL: 216.481.8100 FAX: 216.486.1751 WEB SITE: [www.lincolnelectric.com](http://www.lincolnelectric.com)



## INSTALLATION OF THE K1570-1 DUAL CYLINDER UNDERCARRIAGE KIT

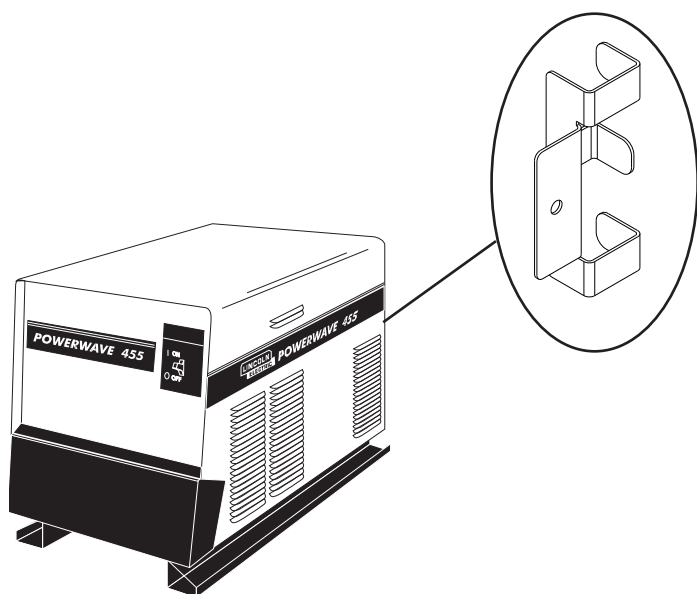
### STEP 1. INSTALL THE HANDLE.

- With the 3/8" nut driver or wrench, remove the four existing screws from the case sides. Save the screws to install the handle.
- Install the handle using the four screws saved from the previous step.



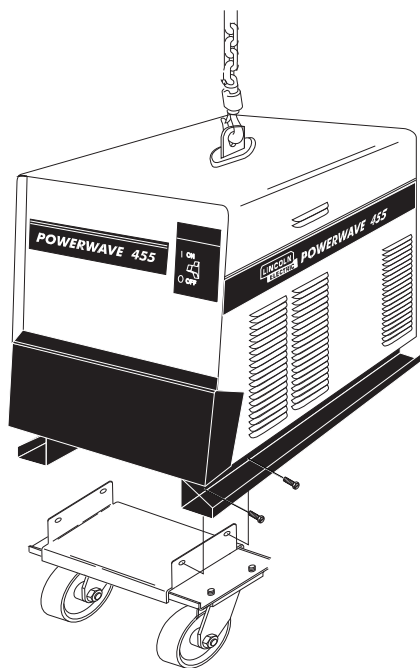
### STEP 2. INSTALL THE UPPER CYLINDER SUPPORT BRACKET.

- Remove the two existing screws from the case top and one screw from each case side. Save the four screws.
- Position the bracket as shown so that the two holes in the bracket line up with the two existing holes in the machine case top.
- With the 3/8" nut driver or wrench, install the bracket at the top using the two previously removed screws. Secure the bracket at the sides with the two remaining screws. **Note** that one of the slots is slightly smaller than the diameter of the screw to insure proper electrical grounding.



### STEP 3. INSTALL THE CABLE RETAINERS.

- Locate the existing 1/4-20 screws located half way up at the back of each case side.
- Remove these screws with the 3/8 nut-driver and mount the 2 cable retainers to each case side as shown. **NOTE: The cable retainer should be oriented as shown when mounting. It should wrap around the case back corner and lay flat.**



### STEP 4. INSTALL THE CASTER ASSEMBLY



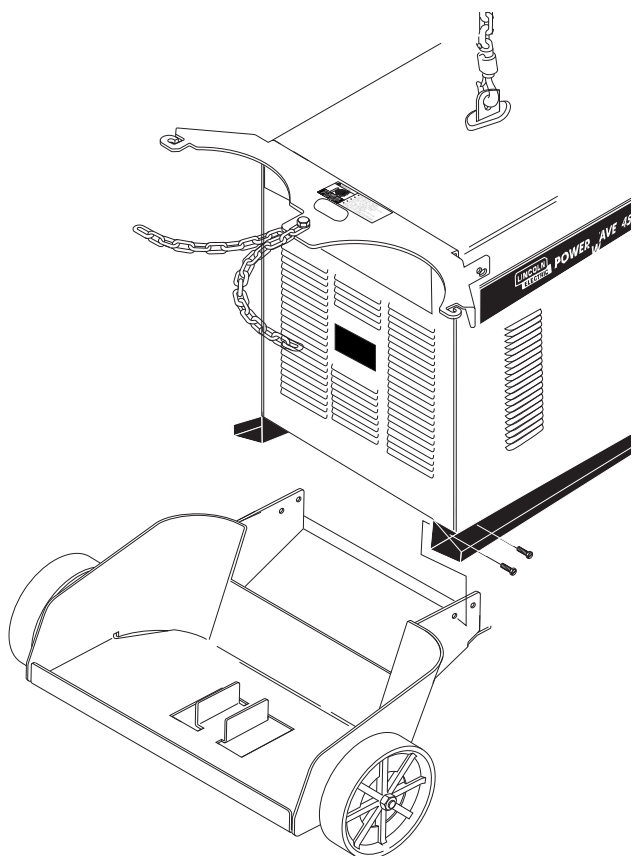
#### WARNING



**FALLING EQUIPMENT** can cause injury.

- Lift only with equipment of adequate lifting capacity.
- Be sure the machine is stable when lifting it.

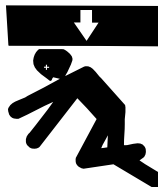
- Attach the hoist lifting hook to the lift bail of the machine. Lift the machine to allow enough clearance to slide the caster assembly into place.
- Position the caster assembly at the front of the machine between the machine base channels.
- Mount with four 3/8-16x1.00 threading cutting screws provided with the kit, using two on each side of the base.



## STEP 5. INSTALL THE LOWER CYLINDER SUPPORT WHEEL ASSEMBLY



### WARNING



**FALLING EQUIPMENT** can cause injury.

- Lift only with equipment of adequate lifting capacity.
- Be sure the machine is stable when lifting it.

- Lift the machine to allow enough clearance to slide the lower cylinder support wheel assembly into place.
- Position the wheel assembly as shown in the illustration so that the four holes line up with the four existing holes in the machine base channels (two on each side).
- With the 9/16" socket, 6" x 3/8" extension and the ratchet, install the wheel assembly to the sides of the machine base channels using the remaining four 3/8-16x1.00 thread cutting screws provided with the kit.

Assembly of the Dual Cylinder Undercarriage Kit is now complete. Carefully lower the machine to the floor and detach the hoist.

## PARTS LIST

K1570-1 DUAL CYLINDER UNDERCARRIAGE KIT			
Item No.	Part No.	Description	Qty.
1	M17891-1	Lower Cylinder Support Wheel Assembly	1
2	S22166-1	Upper Cylinder Support Bracket	1
3	M17889-1	Caster Wheel Assembly	1
4	M17130-1	Handle Assembly	1
5	M18239	Cable Retainer	2
6	S9225-53	3/8-16x1.00 Thread Cutting Screw	8