

Your new Wheel Skates are produced and manufactured to a high standard of dependability and will, if used according to these instructions and properly maintained, give you years of trouble free performance.

**⚠ IMPORTANT: READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THESE SKATES CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH THEY ARE INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.**

## 1. SAFETY PRECAUTIONS

- ❑ **WARNING!** Ensure health & safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- ✓ Familiarise yourself with this products application and limitations, as well as the specific warnings below relating to their use.
- ✓ Ensure the Wheel Skates are in sound condition and good working order. Take action for immediate repair or replacement of damaged parts. *Use genuine parts only. The use of improper parts may be dangerous and will invalidate the warranty.*
- ✓ Wheel Skates should only be used in suitable, well lit areas.
- ✓ Wheel Skates must be used in pairs at either the front or rear of the vehicle. They must never be used diagonally.
- ✓ Keep general area clean and tidy and free from obstructions.
- ✓ Use Wheel Skates on level and solid ground, preferably concrete. *Avoid tarmac as Wheel Skates may sink in.*
- ✓ Keep hands and body clear of the mechanism when operating the Wheel Skates.
- ✓ Maintain the Wheel Skates in good condition (use an authorised service agent).
- ✓ Ensure there are no passengers in the vehicle.
- ✓ Ensure the Wheel Skates are free to move and that there are no obstructions in the area of use.
- ✓ When not in use store Wheel Skates in a safe, dry, childproof area.
- ❑ **DANGER:** Use the Wheel Skates for manoeuvring or positioning of vehicles in interior situations. They are not designed for use outdoors. **Do not start or drive the vehicle whilst it is raised on wheel skates.**
- x DO NOT use the Wheel Skates for purposes other than which they are intended.
- x DO NOT allow untrained persons to operate the Wheel Skates.
- x DO NOT leave the vehicle unattended whilst it is raised on the Wheel Skates.
- x DO NOT operate the Wheel Skates when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- x DO NOT get the Wheel Skates wet or use in damp or wet locations or areas where there is condensation.
- x DO NOT exceed the rated capacity of the Wheel Skates. Remember that the front of a vehicle is usually heavier than the rear.
- x DO NOT use the Wheel Skates to lift or support a vehicle in order to do work underneath it.
- ✓ Maintain correct balance and footing when moving vehicle. Ensure the floor is not slippery and wear non slip shoes.
- ✓ Ensure there are no obstructions beneath the vehicle when it is to be lowered.
- ✓ Ensure all non-essential persons keep a safe distance whilst the Wheel Skates are in use.
- ⚠ **IMPORTANT** - We recommend that at least 2 persons are involved in manoeuvring the vehicle when supported on wheel skates. The vehicle's weight provides a large amount of inertia which has to be overcome to get the vehicle moving and more importantly, stopped.

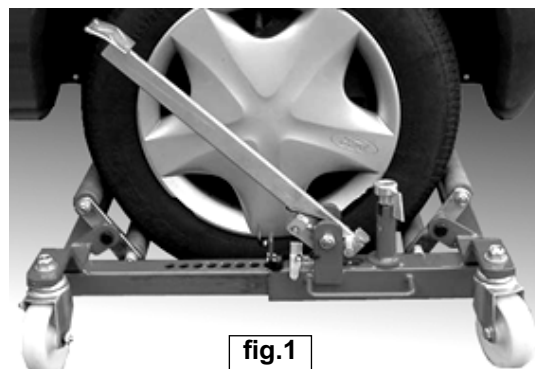


fig.1

## 2. INTRODUCTION & SPECIFICATION

Sealey Wheel Skates are intended to be used for the manoeuvring of a vehicle in confined spaces such as body shops, garages and car showrooms. The Wheel Skates should be used in pairs and attached to either the front or the back wheels in order to swing one end of the vehicle around. The pair should not be used on one side of the vehicle only or on diagonally opposed wheels. If two pairs are to be used ensure that you read the safety warnings above. It is essential that the Skates are used on level, solid ground. Do not use the product on uneven or sloping surfaces as a vehicle raised in such circumstances could make sudden and unpredictable movements resulting in injury to persons and damage to property.

Approximate size expanded	<b>Width and length</b> .....620mm	<b>Max height of pedal</b> 420mm	<b>Transit height</b> .....200mm
	<b>Lifting capacity per Skate</b> .....570kg	<b>Weight</b> .....17.5kg	<b>Tyre roller width</b> ....200mm

## 3. OPERATING INSTRUCTIONS

### 3.1. Preparation.

- 3.1.1. Ensure that the area where the vehicle is to be moved is clear of any obstructions. The floor surface should be smooth and level. Take note of any features in the floor that may catch the skate wheels such as floor mounted power and data points, room divider tracks, drainage features, or damage to the floor surface.
- 3.1.2. Enlist sufficient manpower to move the vehicle safely. Do not attempt to move the vehicle into an area where there is insufficient space for persons to manoeuvre the vehicle safely.
- 3.1.3. Prior to operation release the foot pedal from the transit hook by depressing the lever slightly and moving the hook to one side to allow the lever to rise up.
- 3.1.4. The Wheel Skates should be used as a pair. Attach to the front wheels to swing the front of the vehicle. ( Do not release the hand brake until both Skates are attached. Re-engage the handbrake immediately the movement has been made.) Attach to the back wheels to swing the back of the vehicle. ( Ideally the front wheels should be straight.) If you intend to use two pairs of skates to move a vehicle in one movement great care should be exercised in order to avoid injury to persons or property. Read the safety instructions above.

### 3.2. Operation.

- 3.2.1. To fit a Skate to a wheel you must first disengage the ratchet and lift the locking pin.
- 3.2.2. Disengage the ratchet lever by moving it as far as it will go to the left. See fig.2 - A. (FREE)
- 3.2.3. Lift the locking pin and tab and turn it anticlockwise so that it is no longer engaged in the slot. See fig.2 - B.(FREE)

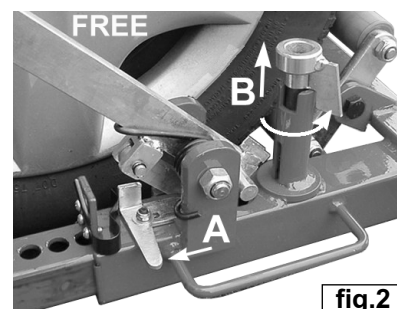


fig.2

### 3.3. Positioning the Skate.

3.3.1. Take hold of each side of the frame and expand the unit until it is wide enough to slide the rollers either side of the tyre. (See fig.1) Make sure that both sets of rollers are centred on the tyre then push the unit together again until each pair of rollers are in contact with the tyre.

### 3.4. Raising a wheel.

3.4.1. Now engage the ratchet by turning the ratchet lever as far as it will go to the right. See fig.3 - A.(TO RAISE)

3.4.2. Engage the locking pin by turning the tab clockwise until it drops into the slot. Once in the slot the tab should be turned away from the pedal lever. See fig.3 - B.(TO RAISE)

3.4.3. Operate the foot pedal lever to commence raising the wheel. (**IMPORTANT - Allow the pedal to return through its full travel before commencing the next stroke.**) Continue until the tyre is 2cm clear of the ground.

3.4.4. Raise the second wheel off the ground with the other Skate. Be prepared for any movement the vehicle may make when the second wheel comes clear of the ground. This is particularly important when using four skates. Providing the ground/floor is level the vehicle should remain stable. ( Read safety precautions in Section 1.)

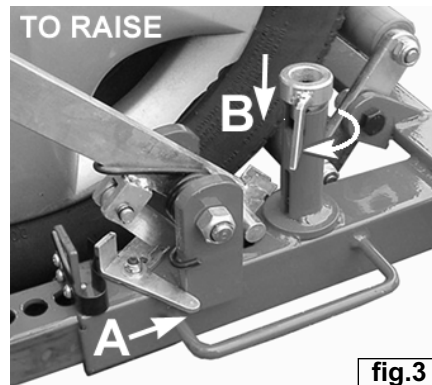


fig.3

### 3.5. Moving the Vehicle.

3.5.1. Ensure that you have sufficient manpower to move **and control** the vehicle. Keep well away from any sloping areas or entry ramps to the area however shallow they may appear. When positioning a vehicle in relation to a wall or feature such as a pillar no persons or objects should be situated between the vehicle and the feature. Sufficient space should be left between the side of a vehicle and an adjacent wall or feature to allow the Skates to be withdrawn sideways.

### 3.6. Lowering wheels.

3.6.1. Disengage the ratchet by turning the the ratchet lever to the left. See fig.4 - A(TO LOWER)

3.6.2. Turn the locking pin tab clockwise in its slot so that it is in line with the small 'U' shaped channel at the bottom of the foot pedal lever. See fig.4 - B. (TO LOWER)

3.6.3. Operate the foot pedal lever through its full travel to commence lowering in controlled stages.The last movement of the lever will raise the locking pin (see fig.5 LOWERING) to allow the unit to open whilst the ratchet lever acts as a stop to lock the unit in the next hole down. Continue to operate the lever through its full travel until the tyre is on the ground and no longer exerting pressure on the rollers.

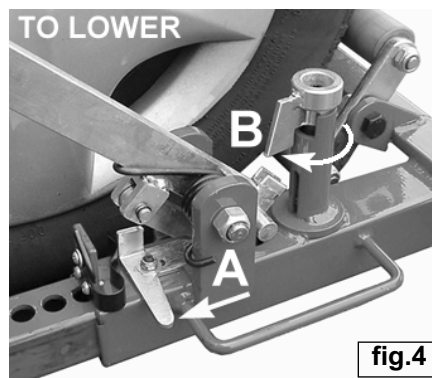


fig.4

### 3.7. Removing the Skate.

3.7.1. Lift the locking pin and tab and turn it anticlockwise until the tab is no longer engaged in the slot. The unit is now free to open.

3.7.2. Expand the unit sufficiently to clear the tyre and move it away from the wheel.

### 3.8. To carry the unit.

3.8.1. With the locking pin and ratchet disengaged push the unit together as far as it will go. Push the foot pedal down and engage the transit hook. For balanced carrying use the wire rod handle welded on the side of the square tube. (See Fig.6.)

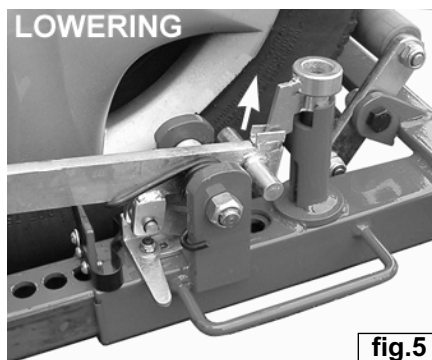
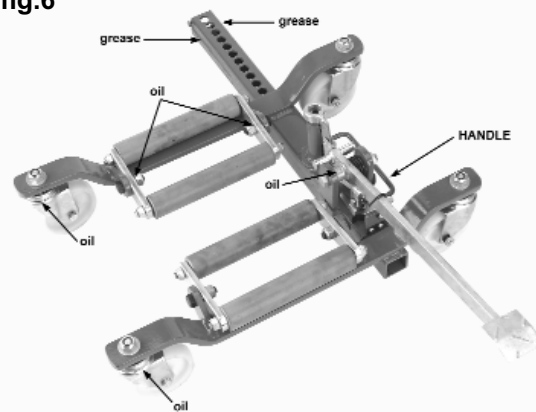


fig.5

## 4. MAINTENANCE

4.1. Periodically lubricate the wheels, roller pivots and the foot pedal lever pivot with oil as shown in fig.6. Lightly grease the four faces of the square section tube as shown in fig.6 then open out the unit to its full extent and grease the faces of the tube previously hidden.

fig.6



## 5. SPARE PARTS

5.1. Please see separate parts list and diagram.

### Declaration of Conformity

We, the sole importer into the UK, declare that the product listed below is in conformity with the following EEC standards and directives

**WHEEL SKATES**  
Model: **WS570**

93/68/EEC CE Marking Directive  
98/37/EEC Machinery Directive (S.I.1992/3073 & Amendments)



The construction file for this product is held by the Manufacturer and may be inspected by a national authority upon request to Jack Sealey Ltd.

Signed by Mark Sweetman

17th May 2001

For Jack Sealey Ltd. Sole importer into the UK of Sealey Quality Machinery.



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