



# INSTRUCTIONS FOR: HYDRAULIC DOOR REMOVER/INSTALLER Model: RE80

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

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

## 1. SAFETY INSTRUCTIONS

- ✓ Always lower the support frame before attempting to move the remover/installer.
- ✓ Only use on firm, level, unobstructed surfaces which are capable of supporting the remover/installer.
- ✗ Do not overload - maximum capacity is 200kg.
- ✗ Do not mount/ride the remover/installer yourself, or allow others to do so.
- ✗ Do not use on tarmac/adam. Must only be used on a concrete surface.
- ✓ Replace or repair damaged parts. Use only recommended parts. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Use a qualified person to lubricate and maintain the remover/installer. DO NOT use brake fluid to top up hydraulic unit. Use Sealey hydraulic oil only.
- Warning! Failure to comply with these instructions may result in loss of load, damage to remover/installer or other property and/or personal injury.

## 2. INTRODUCTION & SPECIFICATION

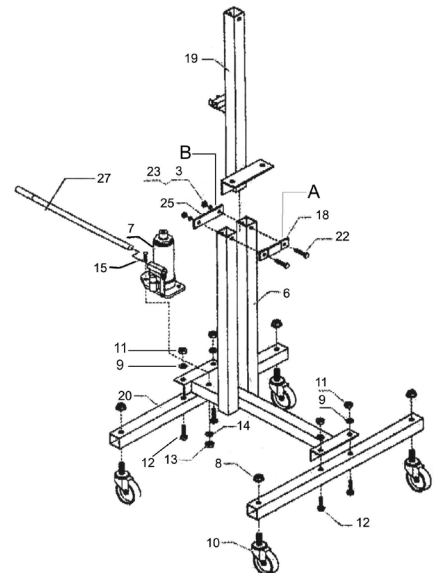
Turns a 2-man task into a single-handed operation. Hydraulic lifting arm supports weight of car door while allowing fine vertical alignment of hinges. Suitable for road-going cars. Fitted with 4 x Ø75mm castors.

### Specification

Maximum Load . . . . .	200kg	Width Between Rollers . . . . .	650mm
Min. Lift Height . . . . .	195mm	Roller Length . . . . .	560mm
Max. Lift Height . . . . .	365mm		

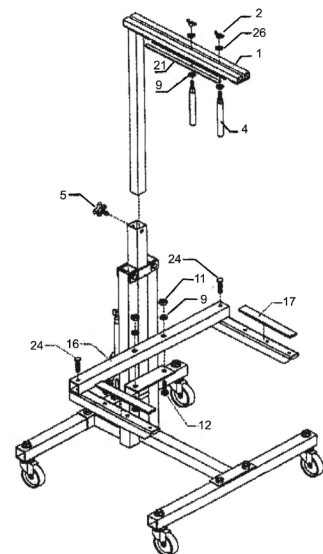
## 3. ASSEMBLY

- 3.1. Attach main posts (#6) to cross bar (#20) with bolt (#12), flat washer (#9) and nut (#11). Tighten the bolts.
- 3.2. Attach casters (#10) to cross bar (#20) with nut (#8). Tighten the bolts.
- 3.3. Insert lifting post (#19) between main posts (#6) and connect main posts with plates A(#18) and B(#25) with bolts (#22), flat washers (#3) and nuts (#23). Tighten the bolts.
- 3.4. Assemble the bottle jack (#7) on the main posts (#6) with bolts (#15), flat washers (#14) and nuts (#13). Tighten the bolts.
- 3.5. Insert adjustable top bar (#1) into main post (#6) with adjustable knob (#5) and tighten it.
- 3.6. Install position fixed rods (#4) between the adjustable top bar (#1) with flat washer (#9), large flat washer (#26) and butterfly nuts (#2).
- 3.7. Fix the support frame (#16) on the lifting post (#19) by bolts (#12), flat washers (#9) and nuts (#11). Tighten the bolts.



## 4. OPERATING INSTRUCTIONS

- 4.1. Lower the glass window of the car door to the lowest position before using the RE80.
- 4.2. Release the valve of the bottle jack and adjust the support frame (#16) under the car door and maintain a small gap.
- 4.3. Adjust the top bar (#1), leave a small gap between the car door and the top bar.
- 4.4. Tighten the valve of the bottle jack and then operate, lifting the support frame (#16) until it reaches the bottom of the car door.
- 4.5. Lower the top bar (#1), until it reaches the top of the car door then tighten the adj. knob (#5). Adjust position of the fixed rods (#4) ensuring the car door is securely between them and that it is vertical. Tighten the butterfly nuts.
- 4.6. Remove/install the car door by operating the bottle jack.



## 5. MAINTENANCE

- 5.1. Daily: Check for damage and oil leaks.
- 5.2. Monthly: Oil moving parts. Check for abnormal wear and tear.  
With support frame at lowest point, check hydraulic oil level by removing filler plug. Level should be at bottom of filler hole. Top up, or allow to drain, as necessary. Replace plug.

## 6. FAULTS

- 6.1. Lifting frame does not reach full height - low oil level, check and fill (see 5.2.).
- 6.2. Pump ineffective:
  - a) Oil level too high, check and drain (see 5.2.).
  - b) Too much air present in system - allow bottle jack to settle for 1 hour before releasing the valve and pumping the handle 15-20 times. Close the valve and test the jack by pumping it up to its maximum height and then lowering again.

## 7. DECLARATION OF CONFORMITY

**Declaration of Conformity** We, the sole importer into the UK, declare that the product listed below is in conformity with the following standards and directives.

**HYDRAULIC DOOR REMOVER/INSTALLER**  
**Model RE80**  
2006/42/EC Machinery Directive  
93/68/EEC Marking Directive



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

26th June 2003

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.