

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: READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS JACK CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS 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

- ✓ Ensure the beam is 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.*
- ✓ Consult the vehicle manufacturer for the correct lifting locations.
- ✓ Inspect the beam before each use. Do not use the beam if it is damaged, altered, modified, in poor condition, leaking hydraulic fluid, or unstable due to missing parts.
- ✓ Use the beam only for its intended purpose.
- ✓ Make sure the vehicle is in park and the hand brake is on before attempting to raise the vehicle.
- ✓ The beam can only be used to lift one end of the vehicle.
- x DO NOT lift using the central portion of the unit if the work to be performed can cause the load to move.
- ✓ Always lower load slowly and carefully.
- ✓ Only use saddles made by the manufacturer.
- x DO NOT alter or modify this beam in any way.
- x DO NOT load the beam beyond its rated capacity.
- x DO NOT operate the beam if damaged.
- x DO NOT allow untrained persons to operate the beam.
- ✓ When not in use store beam fully lowered.
- ✓ Ensure all non-essential persons keep a safe distance whilst the beam is in use.
- ✓ Ensure that there are no persons or obstructions beneath the vehicle before lowering.
- ✓ Use a qualified person to maintain or repair the beam's hydraulic system.
- ✓ This is a lifting device only. Make sure the load is centered on saddles before lifting.
- ✓ Be sure setup is stable and secure before lifting. Be careful of pinch points.
- x DO NOT use the beam for purposes other than that for which it is intended.
- x DO NOT top up hydraulic system with brake fluid. Use hydraulic jack oil only.
- WARNING! Failure to heed these precautions may result in loss of load, damage to beam and/or personal injury.**

2. SPECIFICATIONS

Low profile design permits use on lifts mounted in pits and commonly used in ATL's. Also permits use on vehicles with low ground

clearance. Fitted with large diameter roller support arms for use on lifts with inner rail type configuration. Ultra wide configuration arms extend to 1.6mtr and feature adjustable saddles with interchangeable height posts (optional). Tried and tested hydraulic system with double stroke pump and two-stage mechanical safety lock for added safety.

Model	SJBEX200LP
Capacity:	2ton
Support Arm Reach:	720 - 1075mm
Beam Lift:	35 - 38 0mm
Load Arm Reach:	760 - 1650mm
Net Weight:	97kg
Optional Accessories	
Extension Lift Adaptor 60mm (Pair):	SJBEXLP060A
Extension Lift Adaptor 100mm (Pair):	SJBEXLP100A
Flat Arm Set - Spring Loaded:	SJBEXLPFLA

3. CONTROLS

- 3.1. Jacking beam controls (Fig.1).**
- 3.1.1 Familiarise yourself with the controls of the jacking beam before operating. *Note: The further anticlockwise you turn the release valve (1) the faster the beam will lower. Familiarise yourself with this before operating under load.*
 - 3.1.2 To raise the jack, pump the jacking lever (2) horizontally towards and away from the face of the unit.
 - 3.1.3 As a safety feature the beam has two locking positions which are controlled by the locking lever (3).
 - 3.1.4 When jacking, the locking lever will engage at certain heights (approx 150mm and 300mm of lift height) to prevent the jack from lowering all the way should the release valve be accidentally moved. To lower the jack past this point you must raise the jack a small amount and then turn and hold the locking lever (3) clockwise whilst turning the release valve anticlockwise.
- 3.2. Accessories (Fig.1).**
- 3.2.1 The lift is supplied with two adjustable saddles (see 'A'). Ensure that the flat area on the saddle sleeve is aligned with the protruding area in the hole in the saddle recess.
 - 3.2.2 Two sizes of height extension posts are available as optional extras (60 and 100mm) as shown at 'C' and 'D' below.
 - 3.2.3 The posts can be used singly (see 'B' below) or together for a maximum height extension of 160mm.

Fig.1



4. OPERATING INSTRUCTIONS

WARNING! This jacking beam weighs 97kg. Seek assistance before attempting to locate jacking beam on inspection pit runners and Automatic Test Lanes.

4.1. Locating jacking beam in an ATL (Automatic Test Lane).

- 4.1.1 Extend the roller arms (A) to the correct width for the pit lift runners. See figs.3 and 4 below.
- 4.1.2 Lower the jacking beam into the pit and locate the rollers into the lift runners. With the beam central in the pit lock the arms in position by tightening the two locking bolts 'X' seen in fig.4 below.

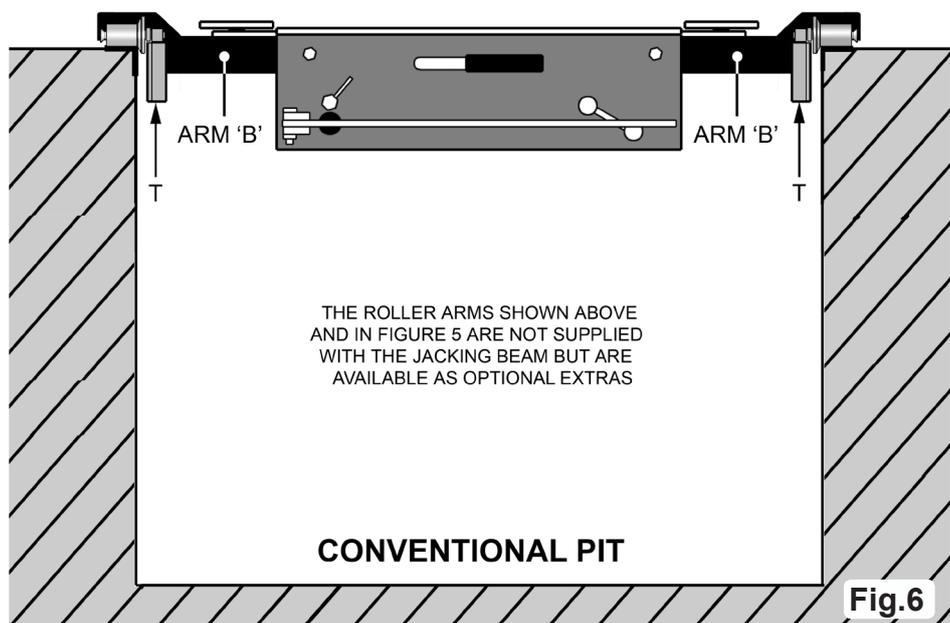
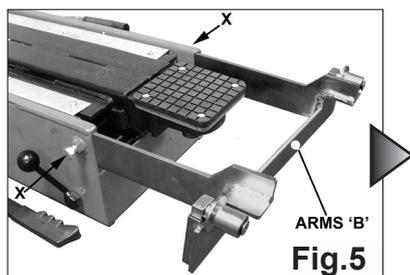
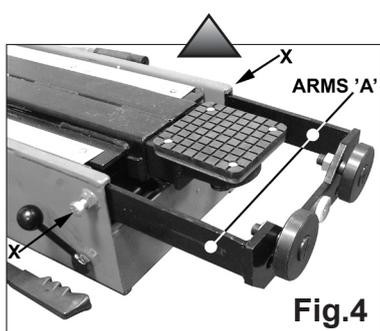
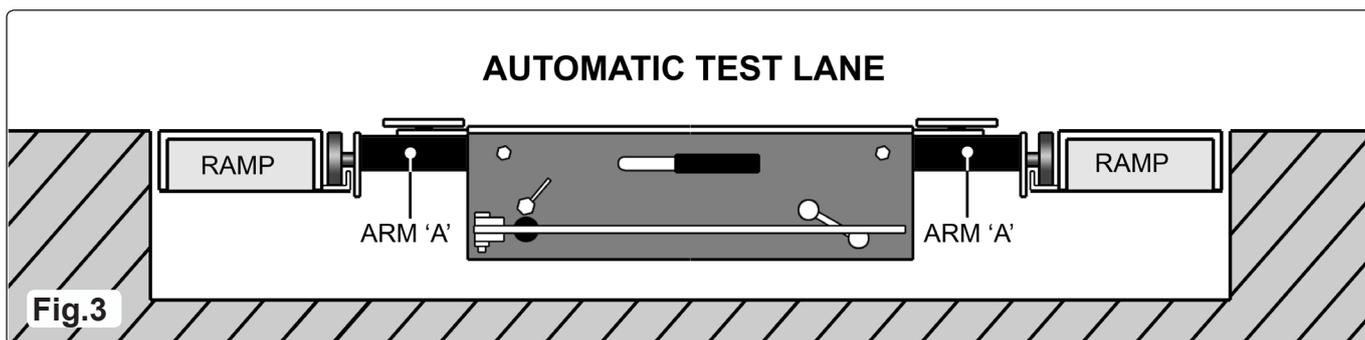


NOTE: To assist in matching different runner height arrangements the wheels on the arms can be mounted in one of 3 positions as shown in the diagram below.

4.2. Locating jacking beam in a conventional inspection pit.

NOTE: The roller arms shown in figures 5 & 6 are not supplied with the unit but are available as optional extras.

- 4.2.1 Fit the optional roller arms (see 'B' in fig.5).
 - 4.2.2 Extend the roller arms (B) to the correct width for the inspection pit runners. See figs.5 and 6 below.
 - 4.2.3 Lower the jacking beam into the pit and locate the rollers onto the runners. With the beam central in the pit lock the arms in position by tightening the two locking bolts 'X' seen in fig.5 below.
 - 4.2.4 Adjust the spring tension screw on all four rollers (see 'T' in fig.6) so that the rollers will just support the weight of the jacking beam on its own and allow it to travel freely over the pit. When the jacking beam is in use the weight of the vehicle will overcome the spring tension, pushing the jacking beam downwards until the roller arms themselves make contact with the sides of the pit.
- 4.3. To jack a vehicle.**
Make sure the vehicle hand brake is on and automatic vehicles are in 'park' before attempting to raise the vehicle.
- 4.3.1 With the beam in the lowered position, roll it under the vehicle to the position where the lift is required.
- NOTE:** Ensure you use the vehicle manufacturer's designated jacking points.
- 4.3.2 The majority of lift applications require the use of two saddles.
 - 4.3.3 Evaluate which height extension posts may be required.



5. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Beam will not lift the load	1) Overloaded	1) Be sure to use beam with adequate capacity.
	2) Oil level low	2) Top up oil level.
	3) Release valve not correctly closed	3) Check and close release valve.
	4) Air in system	4) See bleeding procedure in section 5.1 'Maintenance'
	5) Piston rod not functioning	5) Clean and/or replace oil.
	6) Packing worn or defective	6) Return to authorised service agent.
Beam does not lift high enough or feels "spongy"	1) Oil level too high or too low	1) Fill or remove excess oil.
	2) Worn seals	2) Return to authorised service agent.
	3) Air in system	3) See bleeding procedure in section 5.1 'Maintenance'
	4) Release valve not closed	4) Check and close release valve.
Beam lifts poorly	1) Pump packing or valves malfunctioning	1) Return to authorised service agent.
	2) Oil is dirty	2) Replace oil.
	3) Air in the system	3) See bleeding procedure in section 5.1 'Maintenance'
Beam lifts but will not hold load	1) Release valve partially open	1) Check and close release valve.
	2) Air in system	2) See bleeding procedure in section 5.1 'Maintenance'
	3) Faulty seals	3) Return to authorised service agent.
	4) Packing worn or defective	4) Replace packing.
Beam will not lower completely	1) Unit requires lubrication	1) Oil all external moving parts.
	2) Piston rod bent or damaged	2) Replace rod or contact local service agent.
	3) Beam frame/link system distorted due to overloading/poor positioning	3) Replace damaged parts or contact local service agent.
	4) Air in system	4) See bleeding procedure in section 5.1 'Maintenance'
	5) Release valve partially closed	5) Check and fully open release valve.
Beam does not lower at all	1) Release valve closed	1) Check and fully open release valve.

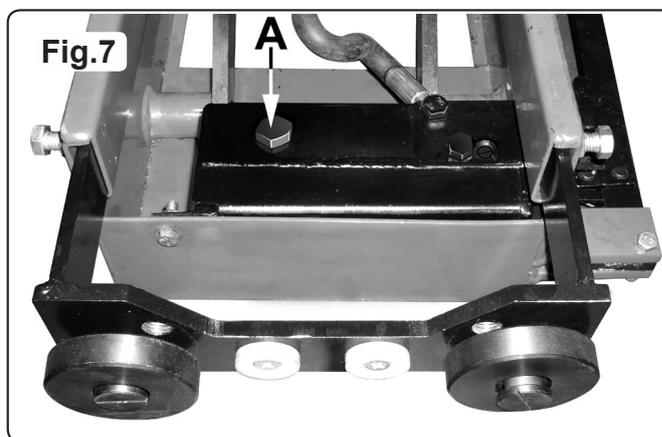
- 5.3.4 The saddles at either end are adjustable, and may be raised or lowered by screwing clockwise or anticlockwise in order to give the beam clearance from the underside of the vehicle.
- 5.3.5 Adjust the telescopic arms to line up the saddles with the jacking points of the vehicle.
- 5.3.6 Turn the release valve clockwise (fig.1-1) and start to raise the jack by operating the pump handle (fig.1-2). Raise the beam in short increments and ensure the saddles are centered on the jacking points.
- 5.3.7 Once you have established the setup is stable you may proceed to lift the vehicle to the required height.
- 5.3.8 Make sure the locking lever is engaged, if it is not engaged you need to raise or lower the beam to the closest locking point and check the locking lever engages.
- 5.3.9 To lower the jack past a locking point you must raise the jack a small amount and then turn the locking lever (fig.1-3) clockwise whilst turning the release valve (fig.1-1) slowly anticlockwise.

- 6.5 Before each use check for broken, cracked, bent, or loose parts, or any visible damage to pump, saddles, lifting arms, frame and all parts including nuts, bolts, pins and other fasteners. If any suspect item is found, remove beam from service and take action to remedy the problem. DO NOT use the beam if it is believed to have been subjected to abnormal load or shock load. Inspect and take appropriate action.
- 6.6 Periodically check the pump piston and the ram for signs of corrosion. Clean exposed areas with a clean oiled cloth.
IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THIS PRODUCT.
Hydraulic products are only repaired by local service agents. We have service/repair agents in all parts of the UK.
DO NOT RETURN JACKS TO US. Please telephone us on 01284 757500 to obtain the address and phone number of your local agent. If jack is under guarantee you can also contact your local dealer.

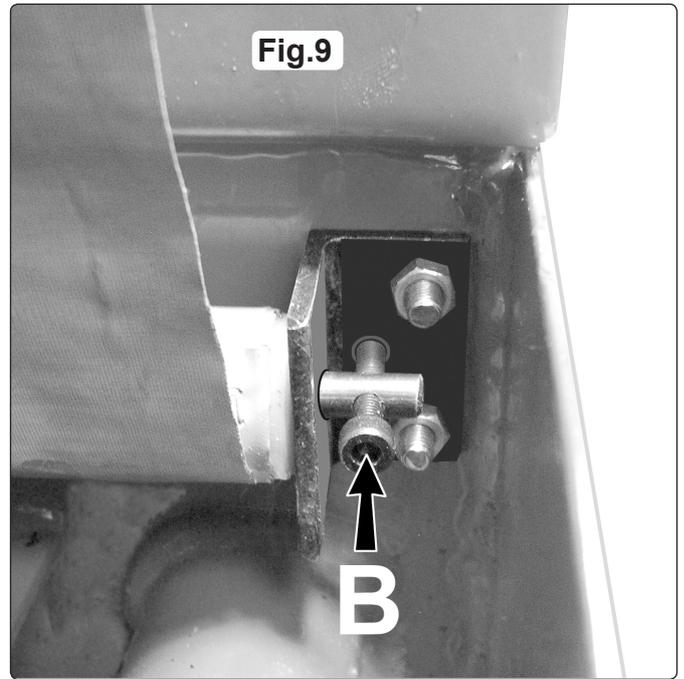
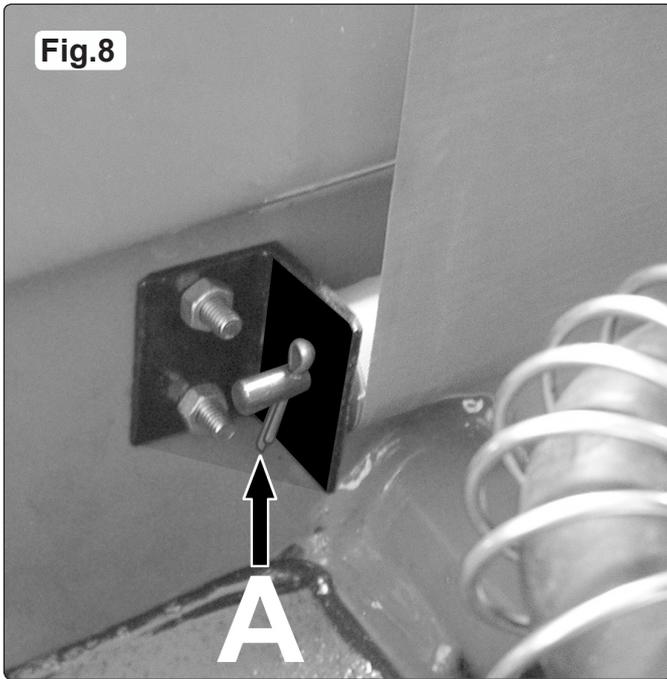
6. MAINTENANCE

IMPORTANT: Only fully qualified personnel should attempt maintenance or repair.

- 6.1 To bleed air out of the system, jack the beam to its top position. Unscrew the oil filler screw, (see 'A' in fig.7). If air is present a whistling sound will be heard. Lower the beam until there is just enough clearance remaining to replace the oil filler screw and do up tightly.
- 6.2 When not in use, the beam should be stored in the lowest position, to minimise corrosion.
- 6.3 Keep the beam clean and lubricate all moving parts on a regular basis.
- WARNING: DO NOT use brake fluid, or any fluid other than a good quality jack oil, such as SEALEY HYDRAULIC JACK OIL, as this may cause serious damage to the jack and will invalidate the warranty!**
- 6.4 To check on fluid level and to top up, jack the beam to its top position. Unscrew the oil filler screw, (see 'A' in fig.7) and top up so that the level is about 3cm below the filler hole. Do not overfill. Lower the beam until there is just enough clearance remaining to replace the oil filler screw and do up tightly.



Product disposal. If the beam eventually becomes unserviceable, draw off the oil into an approved container and dispose of the jack and the oil according to local regulations.



6.7 Protective side blinds

- 6.7.1 The protective side blinds are pretensioned at the factory but after a period of usage they may become stretched and will require tensioning again. Also if a new blind is fitted this will also require pretensioning.
- 6.7.2 To do this raise the jacking beam to its highest point and ensure that the locking mechanism has engaged. The blind mountings can now be accessed at either end of the unit.
- 6.7.3 Referring to fig.8A, withdraw the split pin from the blind pivot shaft.
- 6.7.4 Go to the other end of the blind, see fig.9B. Take hold of the roller to stop it turning and wind out the fixing screw 'B' so that it withdraws from the hole in the mounting bracket.
- 6.7.5 Using the fixing screw as a 'T' handle turn the roller until all the slack has gone out of the blind. In the case of a new blind it may require 5 or 6 rotations. Keeping hold of the roller, align the fixing screw with the hole in the mounting bracket and turn the screw so that it enters the hole.
- 6.7.6 Go to the other end of the blind and reinsert the split pin.
- 6.7.7 Tension the other blind in the same way.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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