INSTALLATION & OPERATION MANUAL

QLJBH3500

Hand-Operated Jacking Beam



COMPATIBLE WITH QUICK LIFT USA
8K & 9K XL FOUR-POST LIFTS

Read this manual before installing or operating the lift.
Keep it near the lift and make sure every operator understands the safety instructions. Improper installation or operation can cause serious injury or death.

Product Overview

3,500 lb rolling jacking beam for compatible four-post lifts. This optional accessory lifts one end of a vehicle off the runways so the wheels can be removed for brake, tire and suspension service. The beam rolls along the lift's jacking rails to align its pads with the vehicle manufacturer's approved lifting points.

This beam is an optional upgrade for Quick Lift USA's standard 8,000 lb and 9,000 lb XL four-post lifts. It also fits many standard four-post lifts from other manufacturers when the rail spacing, rail profile, mounting hardware and clearance are compatible. Confirm fit before installing it.

A hand-operated hydraulic pump raises the beam. No compressed-air connection is required.

The beam's 3,500 lb rating is the total load supported by the beam, not the vehicle's total weight. Do not exceed the capacity of the beam, its adapters or the four-post lift.

The mechanical safety lock must support the load before anyone works beneath the raised vehicle. Never rely on hydraulic pressure alone.



Specifications

Specification	Value
Rated capacity	3,500 lb
Lifting travel	8-1/4 in.
Operation	Hand-operated hydraulic
Safety system	Mechanical safety lock
Primary applications	Standard Quick Lift USA 8K and 9K XL four-post lifts
Other lift compatibility	Subject to rail spacing, rail geometry and mounting fit
Pad span	33-1/16–58-7/16 in.
Mounting span reference	35-5/8–46-7/8 in.
Front-to-back dimension	20-15/16 in.
Net weight	254 lb
Shipping weight	276 lb
Package dimensions	37-3/8 × 23-1/4 × 9-5/8 in.

Safety Instructions

Only trained, authorized personnel may install or operate this beam. Read this manual and the four-post lift manual before use. Keep bystanders clear of the work area.

Inspect the beam, rollers, mounting supports, retaining hardware, hydraulic hose, pads, adapters and safety lock before each use. Do not use equipment with damage, leaks, loose hardware or an unreliable lock.

Use only approved vehicle lifting points. Center the load over the beam and keep both pads firmly seated. Do not use improvised spacers or stack adapters.

Raise the four-post lift to the desired working height and lower it onto its mechanical locks before using the beam. Both runways must be securely supported.

Chock the wheels that remain on the runways. When lifting the front of the vehicle, chock the rear wheels; when lifting the rear, chock the front wheels.

Keep hands and feet clear of the scissor mechanism, rollers and all pinch points. Watch the vehicle and beam throughout raising and lowering.

Never move the beam while it supports a load. Never drive a vehicle over raised pads. Fully lower and stow the beam clear of the vehicle before driving onto or off the lift.

Installation & Initial Inspection

1. Confirm compatibility. Check the lift's rail spacing, support surfaces, mounting profile and clearance. The beam must sit squarely between the runways with both mounting supports fully engaged.

2. Position the unloaded beam. Use suitable handling equipment and assistance. Install the mounting supports and retaining hardware appropriate to this beam and lift. Adjust the supports evenly and secure all hardware.

3. Check retention and travel. Verify that the beam cannot leave the rails. Roll the unloaded beam along its operating range; it must move freely without binding or interfering with the lift.

4. Check the hand pump. Inspect the hydraulic hose, fittings, pump handle and release control. Keep the handle accessible and clear of obstructions.

5. Test without a load. Raise and lower the beam through its operating range. Verify that the safety lock engages and releases correctly. Correct any leak, binding or lock problem before loading the beam.

Raising & Supporting the Vehicle

1. Secure the four-post lift on its mechanical locks. Fully lower the beam, position it under the approved front or rear lifting points and chock the wheels that remain on the runways.

2. Adjust the pad spacing and select the appropriate adapters. Confirm that the pads will contact both approved lifting points securely and evenly.

3. Close the hand pump's release valve by turning it clockwise without overtightening. Move the pump handle up and down to raise the beam.

4. Raise the pads to contact the vehicle. Pause and verify that the vehicle is centered, the pads are secure and the beam remains seated on both rails. Continue to the desired working height.

5. Slowly open the release valve to lower the beam onto its mechanical safety lock.

6. Confirm that the lock fully supports the load before starting work. If the lock does not engage securely, lower the vehicle and correct the problem.

Lowering & Stowing

1. Remove tools, loose parts and other obstructions. Keep all people clear of the vehicle and the beam.

2. Pump the handle to raise the beam slightly and unload the mechanical safety lock.

3. Operate the safety release to disengage the lock. Keep hands clear of the scissor mechanism.

4. Slowly open the pump's release valve to lower the vehicle in a controlled manner. Avoid sudden lowering.

5. Once the tires rest securely on the runways, fully lower the beam. Retract the pads and adapters as needed for clearance.

6. Roll the unloaded beam to the front of the lift or another designated storage position clear of the vehicle's path. Confirm clearance before moving the vehicle.

Inspection, Maintenance & Warranty

Keep the beam clean and the rollers, pivots and lock mechanism free of debris. Inspect the hydraulic hose and fittings for leaks and wear. Tighten loose hardware and replace damaged parts before use.

Check that the safety lock moves freely and engages positively. Never disable or modify the lock. Have hydraulic or structural repairs performed by qualified service personnel.

Check the hydraulic oil level according to the installed pump's instructions. Change the oil as needed depending on use and condition. Keep dirt and moisture out of the hydraulic system.

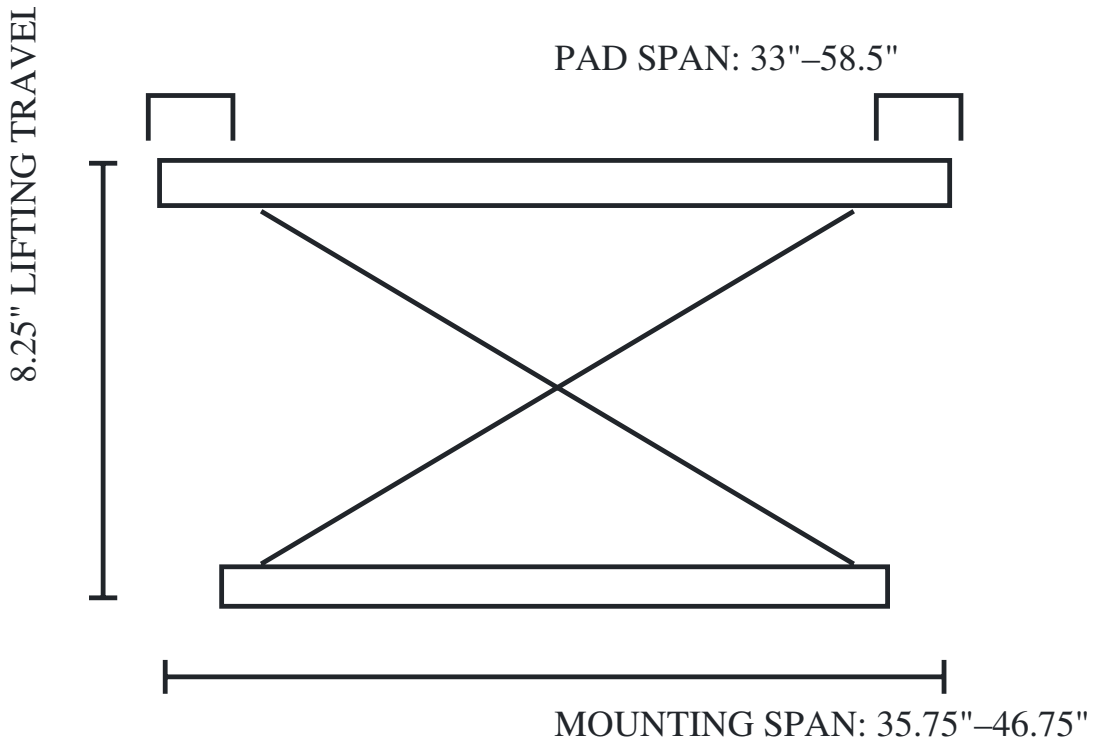
Store the pump handle safely and protect the hydraulic system from damage.

Troubleshooting. If the beam will not raise, raises unevenly, drifts, leaks or fails to lock, stop using it. Check load placement, controls, mounting and visible hydraulic connections. Contact Quick Lift USA if the problem persists.

Automatic two-year warranty. Quick Lift USA provides a two-year warranty on all non-wearable parts. No registration form is required. Contact Quick Lift USA for warranty or service assistance.

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Dimensions & Fit References



DIMENSION REFERENCES

Lifting travel	8-1/4 in.
Pad span	33-1/16–58-7/16 in.
Adjustable mounting span	35-5/8–46-7/8 in.
Base length reference	29-1/2 in.
Front-to-back dimension	20-15/16 in.
First position: minimum / maximum	7-5/8 / 13-3/4 in.
Second position: minimum / maximum	10-3/16 / 16-5/16 in.
Short / tall adapter reference	1-1/4 / 4-15/16 in.

Drawing is schematic. Confirm rail geometry and mounting fit before installation.

Exploded Parts Diagram

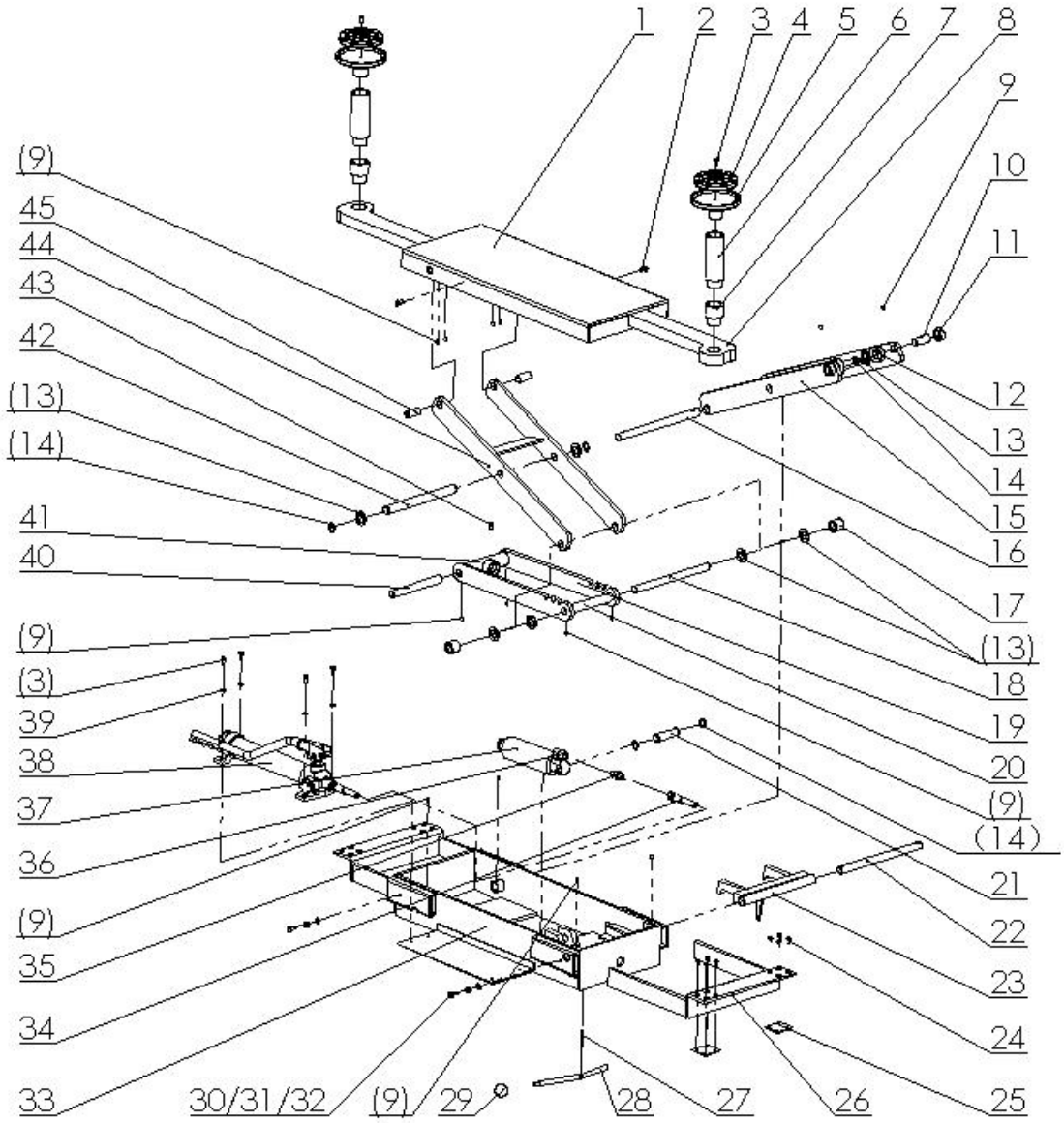


Figure 2

Original Parts List: 1–40

part list

No.	Name	Qty	Remark
1	Top platform	1	
2	Bolt M8*16	2	
3	crossed discal screw M6*16	6	
4	Rubber pad	2	
5	Tray pad	2	
6	Extension bar 1	2	
7	Extension bar 2	2	
8	Arm	2	
9	Set screw M6*10	14	
10	Up wheel axle	2	
11	Up wheel (outside)	2	
12	Up wheel (inside)	2	
13	Flat gasket 20	8	
14	Axle bumper 20	6	
15	Scissor frame 2	1	
16	Down axle for fix scissor	1	
17	Down wheel	2	
18	Down axle (active)	1	
19	Safety board	2	
20	Axle sleeve	1	
21	Oil cylinder tail shaft	1	
22	Oil cylinder safety bar axle	1	
23	Safety hook	1	
24	countersunk head screw M6*12	16	
25	slider	4	
26	Expansion foot	2	
27	Elastic cylindrical pin	1	
28	Safety handle	1	
29	Handle ball	1	
30	Bolt M8*20	4	
31	Nut M8	4	
32	Flat gasket8	4	
33	Foundation	1	
34	Oil pipe	1	
35	Explosion-proof valves	1	
36	Right angle connector	1	
37	Cylinder	1	
38	Handle pump	1	
39	Flat gasket 6	4	

Original Parts List: 41–45

41	Cylinder limit tube	1	
42	Middle axle	1	
43	set screwM8*16	1	
44	Scissor frame 1	1	
45	Up axle	2	