

APPENDIX – A

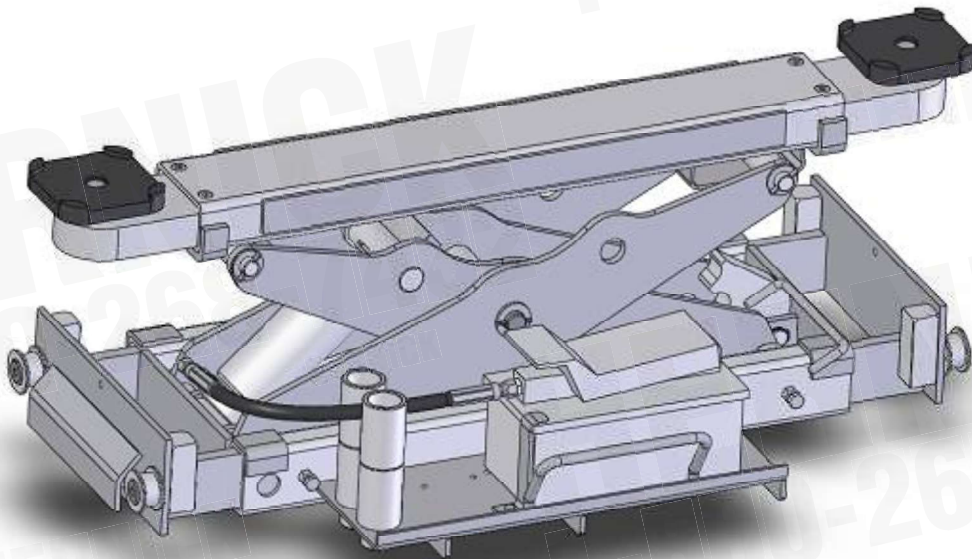
Installation, Operation & Maintenance Manual for Jack Beam

MODEL EELS900A

ROLLING JACK

(Model EELR528A / EELR727A Series 4-Post)

6000 lbs. Capacity



309 EXCHANGE AVENUE, CONWAY, ARKANSAS, 72032

TEL: 501-450-1500 FAX: 501-450-1585

**IMPORTANT: READ THIS MANUAL COMPLETELY
BEFORE INSTALLING or OPERATING JACK**



CAUTION

- ◆ Before using this product, read and fully understand the operating instructions and all decals on the product. This is necessary to prevent injury to the operator and damage to the product.
- ◆ Roll jack forward before moving vehicle on or off lift.
- ◆ Do not attempt to use this jack for anything other than its intended purpose.
- ◆ If jack begins to tilt as the vehicle is raised, STOP! Lower jack and re-position the vehicle.
- ◆ Do not use this jack if it is visibly worn, distorted or damaged.
- ◆ Maximum air operating pressure not exceed 150 psi.
- ◆ Always wear appropriate eye protection.



WARNING

- ◆ Lifting capacity of this jack is 6000lbs (Hydraulic Pressure at Cap. = 3770 psi) Exceeding this could result in severe personal injury or death.
- ◆ When the total lifting capacity of 2 rolling jacks differs from the rated capacity of the lift they are used on, the capacity of each jack should not exceed 1/2 the total capacity of the runways. Exceeding this could result in severe personal injury or death.
- ◆ Lift vehicle at manufacturer's recommended pick-up points only. Vehicle weight must be evenly distributed on each jack lift pad.
- ◆ Keep fingers and hands clear of all pinch points at all times.

SPECIFICATIONS:

Capacity	6,000 lbs.	2725 kg
Minimum Arm Reach	33"	838 mm
Maximum Arm Reach	50-3/16"	1275 mm
Minimum Lowered Height above Deck Surface	3-1/8"	78.5 mm
Maximum Raised Height above Deck Surface	13-1/8"	332.5 mm
Power Requirements @ 20 in3/min (flow rate)	90-120 psi	6-8 bar
Maximum Operating Pressure @ Rated Load	3915psi	270 bar
Shipping Weight	308 Lbs.	140 Kg.

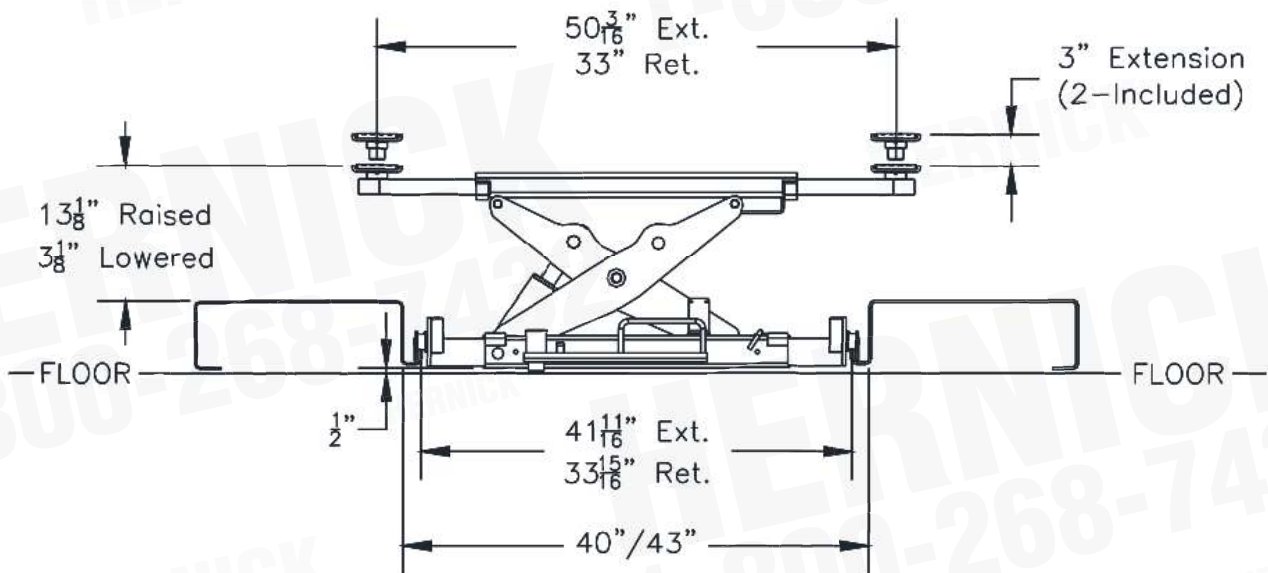


Fig. 1

INSTALLATION

- 1) Place jack assembly on lift rack rails.
- 2) Install Jack Beam air supply kit, see details in **Appendix B**
- 3) Once side members are adjusted and jack is centered between the rails, tighten the (4) hex bolts (2 per side) to lock in place, Fig 2.

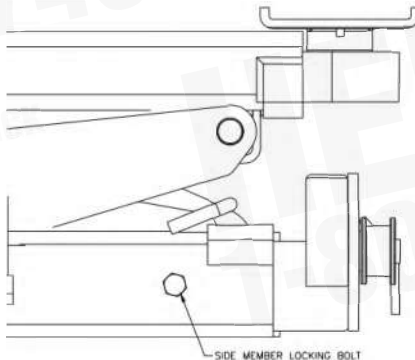


Fig. 2

Operation

Note: Before lifting a vehicle, operate the jack through a couple of cycles to become familiar with the controls.

- 1) Roll jack forward before moving vehicle on lift rack. Be sure vehicle is centered on rack, apply parking brake and chock wheels.
- 2) Roll jack(s) to the vehicle manufacturer's recommended pick-up points. Extend lift pad arms to proper lift points. Use lift pad spacers if necessary.
- 3) Raise jack by pushing on foot pedal on pump.
- 4) Raise vehicle to desired height.
- 5) Lower jack onto lock.
- 6) To lower jack completely, raise off of lock and while holding lock release handle open lower jack. Push lift pad arms in, remove lift pad spacers (if used). Roll jack forward before moving vehicle off rack.

Loss of lifting power

If for any reason the lift will not raise off the locks or the locks will not retract, consult factory authorized personnel.

DO NOT OVERRIDE ANY SAFETY FEATURE IN AN ATTEMPT TO LOWER THE LIFT.

Maintenance

Daily: Inspect jack and its components for damage or excessive wear. Replace parts as required. See parts list.

Inspect air/hydraulic system for leaks. Check in-line lubricator oil level.

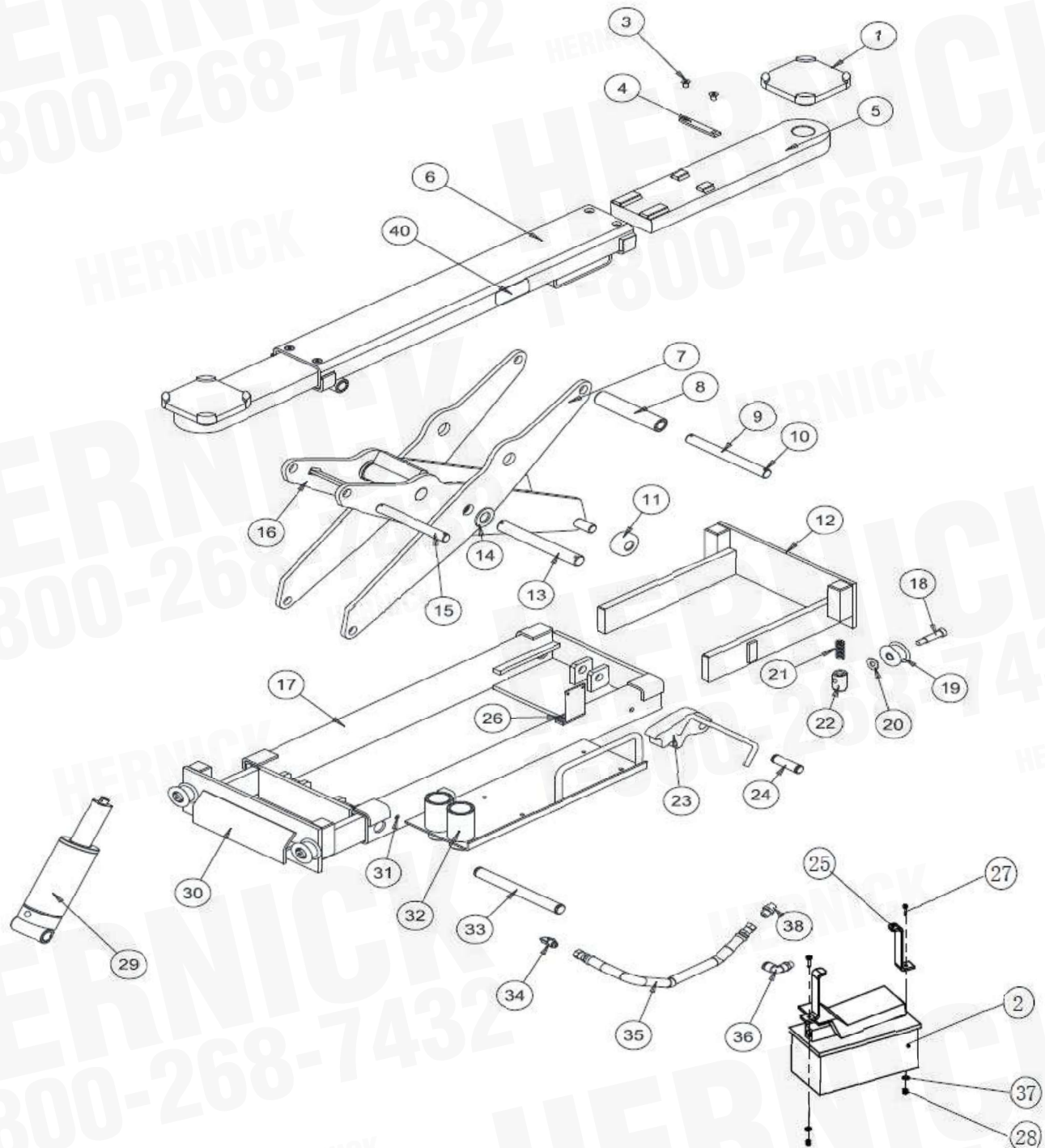
Exhaust water from Filter.

Annually: Check hydraulic pump fluid level. When jack is completely lowered remove breather plug and check oil level. Oil should be at top of filler plug hole. Exhaust water from Filter.

IMPORTANT!

Failure to keep lift free of corrosive agents and solvents will lead to reduced service life, which could result in property damage and/or personal injury. If any problems are encountered, contact your local service representative 1-800-225-5786

Parts Breakdown



Jack Beam Installation, Operation and Maintenance Manual

Item #	CL Part #	Qty/Jack	Description
1	RJ9-04-00	2	Footpad
2	EAA0485V31A	1	Air/Oil Pump
3	VS10-31-08	4	M8 x 12 Flat Head Screw
4	RJ6-19	2	Stop Bar
5	RJ6-02CH	2	Arm
6	RJ7.5-01	1	Sleeve
7A	RJ7.5-07F	1	Outer Scissor Plate, Front
7B	RJ7.5-07R	1	Outer Scissor Plate, Rear
8	RJ6-06-04	1	Upper Pin Roller
9	RJ6-13	1	Upper Pin
10	VS10-20-10	6	5mm Roll Pin
10A	X10-099	4	20mm Washer
11	RJ6-18	2	Roller
12	RJ7.5-15A	2	Side Member Weld
13	RJ6-08	1	Main Pin
14	RJ6-23	2	Spacer Washer
15	RJ6-12	1	Upper Pin, Fixed End
16	RJ7.5-06	1	Internal Scissor
17	RJ7.5-11	1	Jack Body
18	RJ6-27CH	4	16mm Dia. Shoulder Bolt
19	RJ6-17CH	4	Wheel
20	RJ6-24CH	4	Nylon Washer
21	RJ6-26A	4	Compression Spring
22	RJ6-25CH	4	Carrier
23	RJ7.5-16	1	Lock
24	RJ7.5-20	1	Lock Pin
24A	RJ7.5-35	2	21mm Snap Ring
25	EAM0156V25A	2	Pump Hold Down Plate
27	1-17788A	2	SOCKET HEAD CAP SCREW GB/T70.1-2000
28	1-22288A	2	M6 Nylon Locknut GR.8, GB/T889.1-2000
29	RJ6-09CHA	1	Cylinder, Flow-Restricted
30	RJ7.5-15-00	2	Side Member Assembly
31	X10-077	4	M10 x 25 HHCS
31A	RJ6-38	4	M10 Hex Nut
32	RJ6-05	4	3" Stack Pad
33	RJ6-14	1	Cylinder Pin
33A	RJ6-40	2	15mm Snap Ring
34	RJ6-22CH	1	Hydraulic Elbow
35	RJ6-21CH	1	Hydraulic Hose
36	RJ6-31	2	10mm Push Lock Elbow
37	1-04488A	2	Flat washer Φ 6 GB/T 95-2002
38	JSJ3-10-04	1	3/8 NPT x 14mm 37 Deg. Flare
40	Z16777	1	Jack Capacity Decal

IMPORTANT!

Replace all worn, damaged, or broken parts with parts approved by Snap-on Equipment.
Contact 1-800-225-5786