

WARNING: CAREFULLY READ THE FOLLOWING INSTALLATION INFORMATION

3500 lb. ELECTRIC A-FRAME JACK

SPECIFICATIONS

- Model: BJ3500B
- Item weight " 24LBS
- Maximum Lift Capacity: 3,500 lbs (continuous use)
- Retracted Height: 31-3/8"
- Vertical Travel: 18"
- Power Requirements: 12 V DC
- Outer Tube Diameter: 2 1/4"
- Power Cord Length: 6 ft of #12 Gauge Wire
- Foot Pad Diameter: 6"
- LED Light for night operation
- Internal breaker rated at 25A

CONTENTS OF KIT

- 3500 lb. Electric A Frame Jack
- Manual Crank Handle
- Three (3) 3/8" Star Washers

TOOLS REQUIRED FOR INSTALLATION

- 9/16" Wrench
- Torque wrench
- Wire cutters
- Wire strippers
- Crimpers OR Soldering iron

NOTICE

If product components are missing or damaged, please email your inquiry with your order number to:
customer.service@gobastion.net

INSTALLATION INSTRUCTIONS

WARNING: KEEP HANDS, FEET AND BODY OUT FROM BENEATH THE JACK & TRAILER TO AVOID THE RISK OF HARM OR FATAL INJURY! BEFORE INSTALLATION, COMPARE THE LIFT CAPACITY OF THE JACK WITH YOUR TRAILER TO ENSURE SAFE OPERATION OF THE JACK.

1. Park the trailer on a level surface and block the wheels.
2. Support the trailer tongue by the frame with jack stands.
3. If replacing an old jack, remove the old jack from the coupler, saving the washers and bolts.
4. Insert the electric jack into the jack hole, aligning the bolt holes so the motor housing is facing forward as shown in Figure 1.
5. Secure the jack with three (3) grade 5, 3/8"-16 UNC bolts and washers (Not provided in the kit). Place the star washers between the flat washers and mounting plate as shown in Figure 1. The star washers are intended to penetrate through the paint on the mounting plate to ensure direct metal to metal contact. Bolts should be tightened to 15-20 ft-lb.

Tip: The salvaged bolts from the old jack are acceptable for reuse if they are grade 5 and in good condition.

6. If a lower support plate is not already present, install one in bottom of the trailer frame. Do not operate the jack without a footpad.
7. If an additional fuse holder will be installed (Not provided in the kit), install the fuse holder as close as possible to the positive terminal of the power source by either crimping or soldering the connections.
8. Connect the jack wire to the fuse holder. Since the jack is internally grounded, a ground wire will not be needed.

Warning: When using an extension wire, DO NOT use a wire smaller than #10 gauge.

OPERATION INSTRUCTIONS

1. Park your trailer on a leveled ground and secure all trailer wheels.
Tip: For nighttime operations, flip the light switch ON to illuminate your work area.
2. Before operating the jack, secure the footpad with the safety pin and cotter pin provided in the kit.
Warning: Do not stack blocks or lumber under the jack's foot pad to increase the height as they may become unstable and eventually collapse.
3. Extend the jack by pushing the operating switch UP. Retract the jack by pushing the operating switch DOWN
Note: Under heavy use or exceed the STOP limiting mark when retract, the internal breaker may be triggered, causing the motor to turn off. In this case, release the operation switch immediately, and wait a couple minutes for the breaker to reset.
Note: The jack will slow down and stop as it approaches the fully retracted position. Release the switch as soon as possible when the jack starts slowing down.
Warning: DO NOT retract the jack exceeding the STOP limiting mark, otherwise may result in damage of the jack.
4. Before moving the trailer, remove the footpad or position it in the highest position and completely retract the jack.

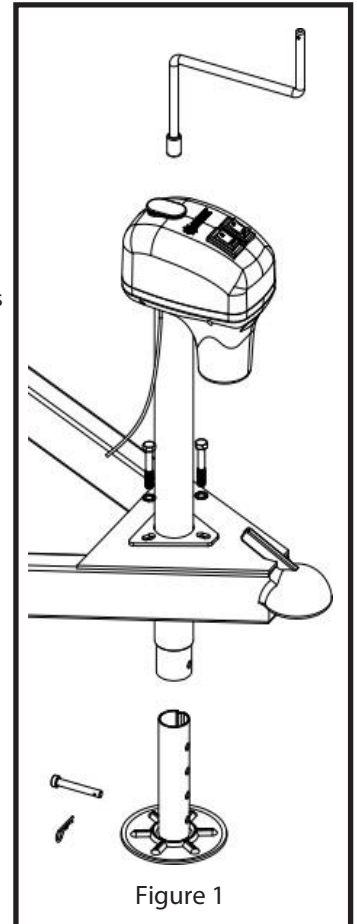


Figure 1

MANUAL OPERATION INSTRUCTIONS

1. Disconnect the jack from the power source.
2. Remove the rubber access covers on the top of the jack and on the side of the motor cover.
3. Insert the manual crank handle into the access hole on the top of the jack, engaging the drive screw.
4. Rotate the manual crank handle counter-clockwise to extend the jack, and clockwise to retract it.

COMPONENTS

REF	DESCRIPTION
A-F	Upper Jack Assembly; includes all Housing, Gear Motor Box Assembly & items A-F
A	Up/Down switch (Available for purchase online. Part # JRU-3501)
B	LED Light switch (Available for purchase online. Part # JRU-3502)
C	LED light
D	Manual crank hole cover (Available for purchase online. Part # BRU-3514)
E	Gear box
F	Motor
G-L	Lower Jack Assembly; includes Outer Jack Tube, Inner Jack Tube, Screw Shaft, & items G-L
G	Outer Jack Tube, Inner Jack Tube, Screw Shaft
H	Extension foot pad (Available for purchase online. Part # JRL-3508)
I	Safety lock pin and cotter pin (Available for purchase online. Part # JRL-3509)
J	Manual crank handle (Available for purchase online. Part # JRU-3510)
K	Power cord
L	Star washers x3 (Available for purchase online. Part # JRL-3512)

WARNING: REPLACING COMPONENTS SUCH AS SWITCHES AND MOTOR WITHOUT AUTHORIZED PROFESSIONALS WILL VOID THE VALIDITY OF THE WARRANTY.

MAINTENANCE

To keep your jack in good, functional condition, fully extend the jack and clean the inner jack tube once a year. After cleaning, coat the tube with a light grease or silicone spray lubricant.

Troubleshooting

Problem: Motor isn't operating.

CAUSE	SOLUTION
Poor Ground	Clean area between the jack mounting plate and coupler, and ensure paint has been removed by the star washers. Direct metal-to-metal contact must exist between mounting components to ensure good electrical contact.
No or low voltage	Check battery & electrical connections. Power supplied must be at least 10 Volt DC. If the battery is low, plug the trailer cable into the tow vehicle, and start the tow vehicle to provide power to the jack.
LED light works but the jack doesn't	Contact customer.service@gobastion.net with your order number or more information.

