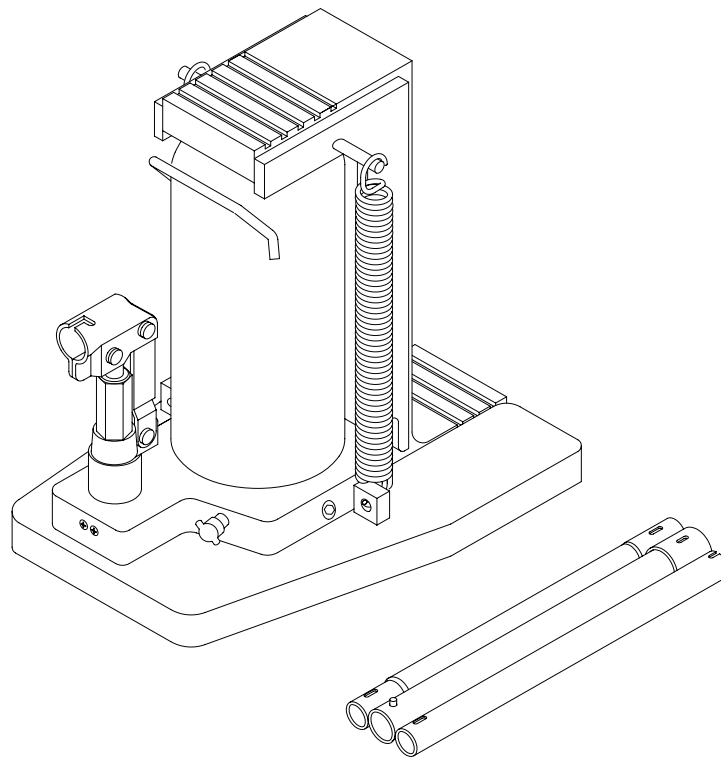




# Toe Jack Instruction Manual

|         |        |        |
|---------|--------|--------|
| MODELS: | J13060 | 3-Ton  |
|         | J13120 | 6-Ton  |
|         | J13200 | 10-Ton |
|         | J13300 | 15-Ton |

SFA Companies 10939 N. Pomona Ave. Kansas City, MO 64153  
Tel: 888-332-6419 Fax: 816-891-6599  
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*This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.*

**Read this manual and follow all the Safety Rules and Operating Instructions before using this product.**

## SAFETY AND GENERAL INFORMATION

**Save these instructions.** For your safety, read, understand, and follow the information provided with and on this device before using. The owner and/or operator shall have an understanding of the device, its operating characteristics and safety operating instructions before operating the equipment. The owner and/or operator shall be aware that use and repair of this product may require special skills and knowledge. Instructions and safety information shall be read to and discussed with the operator in the operator's native language, making sure that the operator comprehends their contents, before use of this equipment is authorized. If any doubt exists as to the safe and proper use of this device, remove from service immediately.

**Inspect before each use.** Do not use if abnormal conditions such as cracked welds, damaged, loose or missing parts are noted. Any equipment that appears damaged in any way, is found to be worn, or operates abnormally shall be removed from service until repaired. If the equipment has been or is suspected to have been subjected to an abnormal load or shock, immediately discontinue use until inspected by a factory authorized repair facility (contact distributor or manufacturer for list of authorized repair facilities). It is recommended that an annual inspection be made by an authorized repair facility. Labels and Operator's Manuals are available from the manufacturer.

## PRODUCT DESCRIPTION

This product is designed to lift, position, or move, but not sustain, rated capacity loads. It is not designed to be used as a stand-alone device. Any load lifted, positioned, or otherwise moved by this device, must immediately be supported by appropriately rated mechanical means. A wide variety of applications exist for this category of product. Special skill, knowledge and training may be required for a specific task and this product may not be suitable for all jobs listed. Unsuitable applications include applications that call for a device to lift, position, move or support persons, animals, hazardous materials, mobile homes and dwellings in general, mirrors, plate glass or to connect/secure hatches, components, and materials between bulkheads. The user ultimately must make the decision regarding suitability of the product for any given task and therefore accept responsibility for that decision.

## TECHNICAL SPECIFICATIONS

|                        |                       |
|------------------------|-----------------------|
| J13060 rated capacity: | 6,000 lbs. (3 tons)   |
| J13120 rated capacity: | 12,000 lbs. (6 tons)  |
| J13200 rated capacity: | 20,000 lbs. (10 tons) |
| J13300 rated capacity: | 30,000 lbs. (15 tons) |

Hydraulic Pressure @ rated capacity:

|         |          |
|---------|----------|
| J13060: | 4185 psi |
| J13120: | 4000 psi |
| J13200: | 5400 psi |
| J13300: | 7750 psi |

## WARNING

- *Study, understand, and follow all instructions before operating this device.*
- *Do not exceed rated capacity.*
- *Use only on hard level surfaces.*
- *Lifting device only. Immediately after lifting, support load with appropriate means.*
- *Lift only on those areas of a vehicle as specified by the vehicle manufacturer.*
- *No alterations shall be made to this product.*
- *Only attachments and/or adapters supplied by the manufacturer shall be used.*
- *Failure to heed these markings may result in personal injury and/or property damage.*

## PREPARATION

### Before Use

1. Before using this jack, read the operator's manual completely and familiarize yourself thoroughly with the product, its components and recognize the hazards associated with its use.
2. Verify that the product and application are compatible.
3. Assemble handle, ensure spring clips align with slots. Replace reservoir oil plug with Vent Screw provided
4. To familiarize yourself with basic operation, use the notched end of provided Pump Handle to engage and turn the Release Valve:
  - a. *Clockwise* until firm resistance is felt to further turning. This is the '**CLOSED**' Release Valve position used to raise the ram plunger.
  - b. *Counter-clockwise*, but no more than 1/2 turn from the closed position. This is the '**OPEN**' Release Valve position used to lower the Ram Plunger.
5. With Ram Plunger fully retracted and release valve closed, pump the operating handle. If Ram Plunger responds immediately, jack is ready for use. If jack does not respond, follow **Bleeding/Venting Trapped Air** instruction below.
6. Check that the pump operates smoothly and that the Extension Screw will thread up/down easily before putting into service. Replace worn or damaged parts and assemblies with Omega authorized replacement parts only.

### Bleeding/Venting Trapped Air

With the Release Valve in the OPEN position (step 4b above) and with Ram Plunger fully lowered, locate and remove the Oil Filler Plug/Screw. Insert the Pump Handle into the Handle Sleeve; then pump 6 to 8 full strokes. This will help release any pressurized air which may be trapped within the reservoir. Oil level should be even with the bottom of the oil filler hole. Reinstall oil reservoir Vent Screw.

## SPECIFICATIONS

| Model  | Capacity | Base Size<br>(l" x w") | Toe Saddle<br>Min. / Max Height | Head Saddle<br>Min. / Max. Height | Hydraulic Lift |
|--------|----------|------------------------|---------------------------------|-----------------------------------|----------------|
| J13060 | 3 Ton    | 8-5/8 x 7-1/2          | 5/8" / 5-3/4"                   | 9" / 14-1/8"                      | 5-1/8"         |
| J13120 | 6 Ton    | 11 x 7-1/2             | 7/8" / 6"                       | 10-1/2" / 15-5/8"                 | 5-1/8"         |
| J13200 | 10 Ton   | 11-5/8 x 9-1/4         | 1-1/8" / 6-1/4"                 | 11" / 16-1/8"                     | 5-1/8"         |
| J13300 | 15 Ton   | 12-1/2 x 10-3/4        | 1-1/8" / 6-5/8"                 | 13-1/8" / 18-5/8"                 | 5-1/2"         |

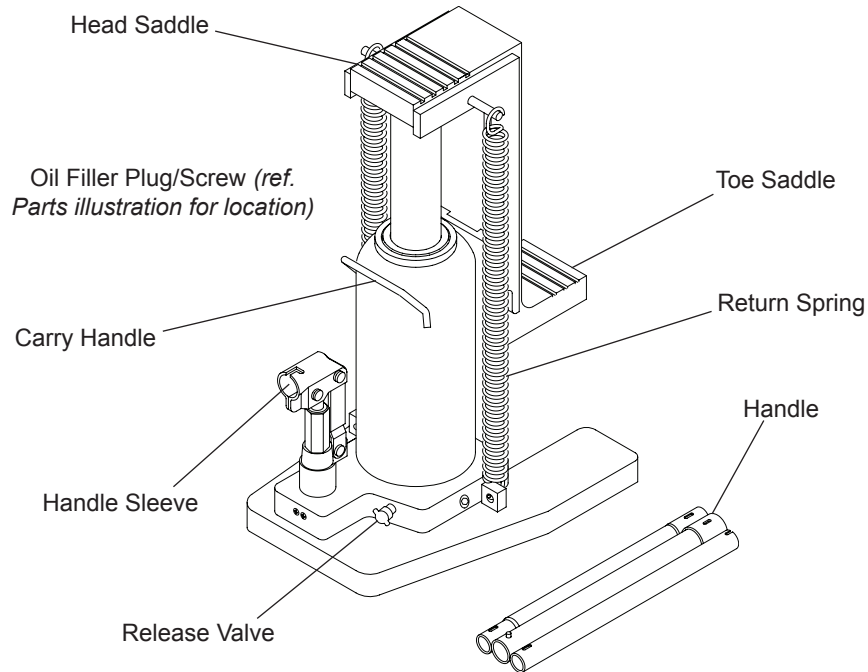


Figure 1 - Typical Toe Jack Components

## OPERATION

### Raising the Ram Plunger

1. Use the handle to engage and turn the release valve clockwise until firm resistance is felt to further thread engagement.
2. Pump until load reaches desired height. **Immediately** secure with appropriately rated mechanical devices.  
It is recommended you follow the load with cribbing and blocking where practical.

**⚠ WARNING:** *Never allow personnel to work or pass under a load until the load is secured by cribbing, blocking, or other mechanical means.*

### Lowering

**⚠ WARNING:** *Clear all personnel and tools before lowering load. Control the rate of descent of the load at all times. The more you open the release valve, the faster the load will descend.*

1. Use the manufacturer's provided operating handle to engage and slowly turn the release valve counter-clockwise, but no more than 1 turn.

**⚠ WARNING:** *If the operating handle is damaged, operates abnormally, or will not positively engage the release valve, immediately discontinue use of the jack until a manufacturer's replacement handle assembly can be acquired.*

2. Push ram down and handle sleeve in to reduce exposure to rust and contamination after removing jack from under load.

## MAINTENANCE

**NOTICE:** Use premium quality hydraulic jack oil. Avoid mixing different types of fluid and NEVER use brake fluid, turbine oil, transmission fluid, motor oil or glycerin. Improper fluid can cause premature failure of the jack and the potential for sudden and immediate loss of load.

### Adding Oil

1. With saddle fully lowered set jack in its upright, level position. Locate and remove oil filler plug/screw.
2. Fill with oil even with the bottom of the oil filler hole. Reinstall the oil filler plug/screw.

### Changing Oil

For best performance and longest life, replace the complete fluid supply at least once per year.

1. With saddle fully lowered set jack in its upright, level position. Locate and remove oil filler plug/screw.
2. Lay the jack on its side and drain the fluid into a suitable container.

**NOTICE:** Dispose of hydraulic fluid in accordance with local environmental regulations.

3. Fill with oil even with the bottom of the oil filler hole. Reinstall the oil filler plug/screw.

### Lubrication

A periodic coating of light lubricating oil to pivot points will help to ensure that pump piston linkages move freely. Do not apply oil to saddle area.

### Cleaning

Periodically check the pump piston and ram plunger/saddle for signs of rust or corrosion. Clean as needed and wipe with a clean, oil soaked rag. Do not apply oil to saddle area.

### Storage

Store the jack with pump piston, ram plunger/saddle fully lowered and release valve open, but never more than 1 turn. This will help prevent rust and corrosion to those critical surfaces.

 **WARNING:** The paint on this product contains lead, a chemical known in the State of California to cause cancer, birth defects and other reproductive harm. Do not ingest paint chips and keep product away from children. Wash hands after each use.

## TROUBLESHOOTING

| Symptom                                                                                                       | Possible Causes                                                                                                                                                                                   | Corrective Action                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jack will not pressurize                                                                                      | <ul style="list-style-type: none"><li>• Release valve not tightly closed</li><li>• Load is too heavy</li></ul>                                                                                    | <ul style="list-style-type: none"><li>• Ensure release valve tightly closed</li><li>• Consider higher capacity jack</li></ul>                                                 |
| Jack bleeds off after lift (load slowly and unintentionally lowers)                                           | <ul style="list-style-type: none"><li>• Hydraulic unit malfunction</li></ul>                                                                                                                      | <ul style="list-style-type: none"><li>• Contact Service Center</li></ul>                                                                                                      |
| While lowering, fluid leaks from reservoir area.<br>Jack saddle will not descend to lowest advertised height. | <ul style="list-style-type: none"><li>• Reservoir overfilled</li><li>• Ram plunger/cylinder deformed, seized up in ram cylinder and/or top nut, likely the result of off-center loading</li></ul> | <ul style="list-style-type: none"><li>• Drain fluid to proper level</li><li>• Contact Service Center</li></ul>                                                                |
| Ram plunger will not remain lowered after released from contact with load (creeps back up)                    | <ul style="list-style-type: none"><li>• Air trapped in system</li></ul>                                                                                                                           | <ul style="list-style-type: none"><li>• Perform <b>Bleeding/Venting Trapped Air</b> procedure.</li></ul>                                                                      |
| Poor lift performance                                                                                         | <ul style="list-style-type: none"><li>• Fluid level low</li><li>• Air trapped in system</li><li>• Hydraulic unit malfunction</li></ul>                                                            | <ul style="list-style-type: none"><li>• Ensure proper fluid level</li><li>• Perform <b>Bleeding/Venting Trapped Air</b> procedure.</li><li>• Contact Service Center</li></ul> |
| Will not lift to full extension                                                                               | <ul style="list-style-type: none"><li>• Fluid level low</li></ul>                                                                                                                                 | <ul style="list-style-type: none"><li>• Ensure proper fluid level</li></ul>                                                                                                   |



# Toe Jack Service Parts

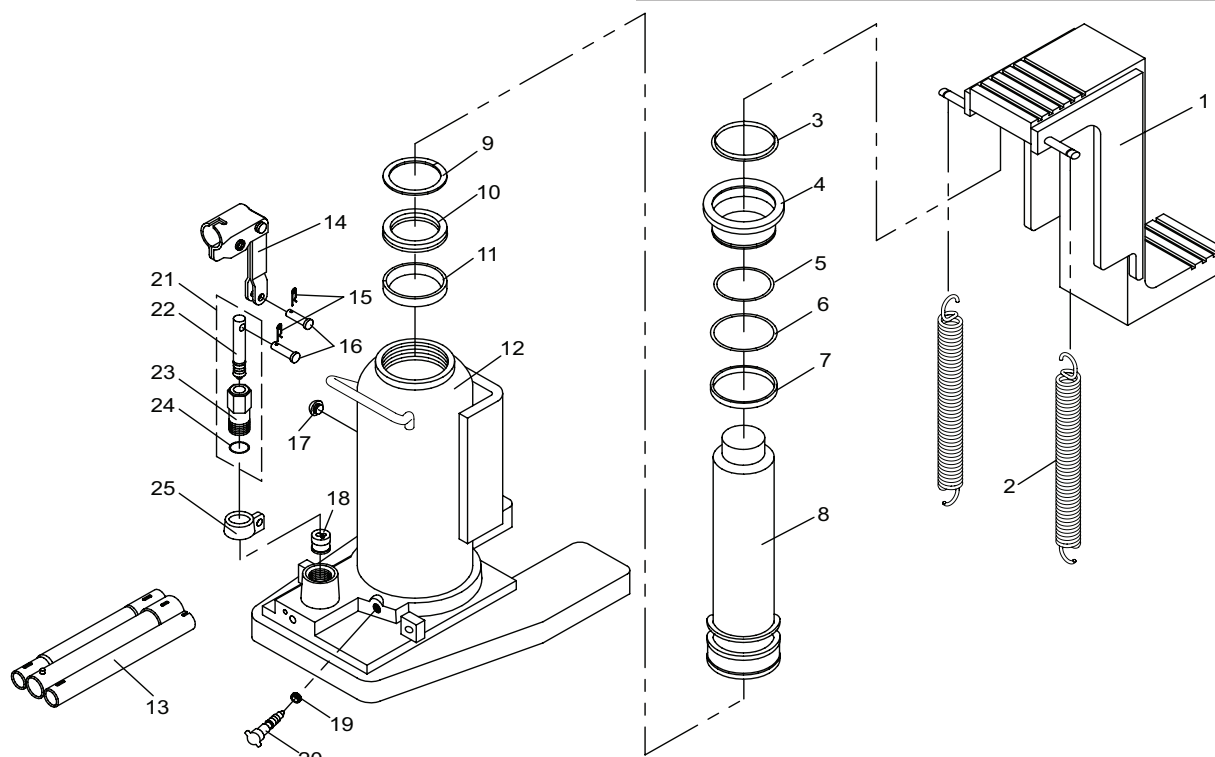
**MODEL: J13120 - 6 Ton Capacity**

SFA Companies 10939 N. Pomona Ave. Kansas City, MO 64153  
E-mail: sales@bvahydraulics.com Website: www.bvahydraulics.com

Not all components of the jack are replacement items, but are illustrated as a convenient reference of location and position in the assembly sequence.

| Item | Part Number    | Description       | Qty |
|------|----------------|-------------------|-----|
| 1    | 186-3-1108-109 | Saddle            | 1   |
| 2    | 522-2-0206-104 | Return Spring     | 2   |
| 3    | *              | Dust Wiper        | 1   |
| 4    | 186-6-1810-304 | Cylinder Fastener | 1   |
| 5    | *              | O-ring            | 1   |
| 6    | *              | O-ring            | 1   |
| 7    | 186-6-1204-103 | Guide Ring        | 1   |
| 8    | N/A            | Piston Rod        | 1   |
| 9    | *              | Back-up Ring      | 1   |
| 10   | *              | U-cup             | 1   |
| 11   | *              | Guide Ring        | 1   |
| 12   | N/A            | Base Assy         | 1   |
| 13   | 181-3-2100-103 | Handle Assy       | 1   |

| Item | Part Number      | Description        | Qty |
|------|------------------|--------------------|-----|
| 14   | 226-3-1300-102   | Handle Sleeve Assy | 1   |
| 15   | 511-5-0012-016   | Snap Pin           | 2   |
| 16   | 518-4-0070-307   | Pin                | 2   |
| 17   | * 505-9-0092-207 | Oil Filler Plug    | 1   |
| 18   | A20-4-1500-106   | Hyd Cartridge Assy | 1   |
| 19   | *                | Oil Seal           | 1   |
| 20   | 238-6-1701-403   | Release Valve      | 1   |
| 21   | 226-4-1415-105   | Pump Assy          | 1   |
| 22   | N/A              | Pump Piston        | 1   |
| 23   | N/A              | Pump Cylinder      | 1   |
| 24   | *                | O-ring             | 1   |
| 25   | 266-2-1402-108   | Swivel Seat        | 1   |
| *    | 186-3-9906-107   | Seal Kit           | 1   |



(\*)- Items available only as Seal Kit. Replacement requires special skills, knowledge, and equipment. Only an authorized service center may perform the repair and/or replacement of these items.

N/A - Not user serviceable



## Toe Jack Service Parts

**MODEL: J13060 - 3 Ton Capacity**

SFA Companies 10939 N. Pomona Ave. Kansas City, MO 64153  
 Tel: 888-332-6419 Fax: 816-891-6599  
 E-mail: sales@bvahydraulics.com Website: www.bvahydraulics.com

| Item | Part Number    | Description      | Qty |
|------|----------------|------------------|-----|
| 1    | 649-1-0060-407 | Bolt             | 6   |
| 2    | 136-3-1108-109 | Saddle Assy      | 1   |
| 3    | 136-6-5303-105 | Roll Pillar      | 1   |
| 4    | 522-2-0206-104 | Retaining Spring | 2   |
| 5    | 115-6-1808-102 | Retainer Ring    | 1   |
| 6    | *              | O-ring           | 1   |
| 7    | 136-6-1204-103 | Guide Ring       | 1   |
| 8    | *              | O-ring           | 1   |
| 9    | 136-6-1107-105 | Slide Track      | 2   |
| 10   | N/A            | Piston Rod       | 1   |
| 11   | *              | Back-up Ring     | 1   |
| 12   | *              | U-cup            | 1   |
| 13   | 599-7-0360-103 | Guide Ring       | 1   |
| 14   | 136-5-5303-109 | Roll Pillar      | 2   |
| 15   | N/A            | Base Assy.       | 1   |
| 16   | 649-1-0080-046 | Bolt             | 1   |
| 17   | *              | Washer           | 1   |
| 18   | 511-2-0050-025 | Spring           | 1   |
| 19   | N/A            | Steel Ball       | 2   |
| 20   | *              | Oil Seal         | 1   |
| 21   | 238-6-1701-403 | Release Valve    | 1   |

| Item | Part Number    | Description        | Qty |
|------|----------------|--------------------|-----|
| 22   | 414-6-1216-107 | Needle Valve       | 1   |
| 23   | 512-2-0067-010 | Spring             | 1   |
| 24   | *              | O-ring             | 1   |
| 25   | N/A            | Valve Cap          | 1   |
| 26   | 414-6-1215-307 | Screw              | 1   |
| 27   | 505-9-0092-207 | Oil Filler Plug    | 1   |
| 28   | 518-4-0070-207 | Pin                | 2   |
| 29   | 511-5-0012-016 | Snap Pin           | 2   |
| 30   | 226-3-1300-102 | Handle Sleeve Assy | 1   |
| 31   | 226-4-1415-105 | Pump Assy.         | 1   |
| 32   | N/A            | Pump Piston        | 1   |
| 33   | *              | O-ring             | 1   |
| 34   | *              | Oil Seal Assy      | 1   |
| 35   | N/A            | Pump Cylinder      | 1   |
| 36   | *              | O-ring             | 1   |
| 33   | *              | Washer             | 1   |
| 34   | 226-6-1402-108 | Swivel Seat        | 1   |
| 35   | 181-3-2100-103 | Handle Assy        | 1   |
| *    | 136-3-9906-107 | Repair Kit         | 1   |

(\*) - Items available only as Seal Kit. Replacement requires special skills, knowledge, and equipment. Only an authorized service center may perform the repair and/or replacement of these items.

N/A - Not user serviceable

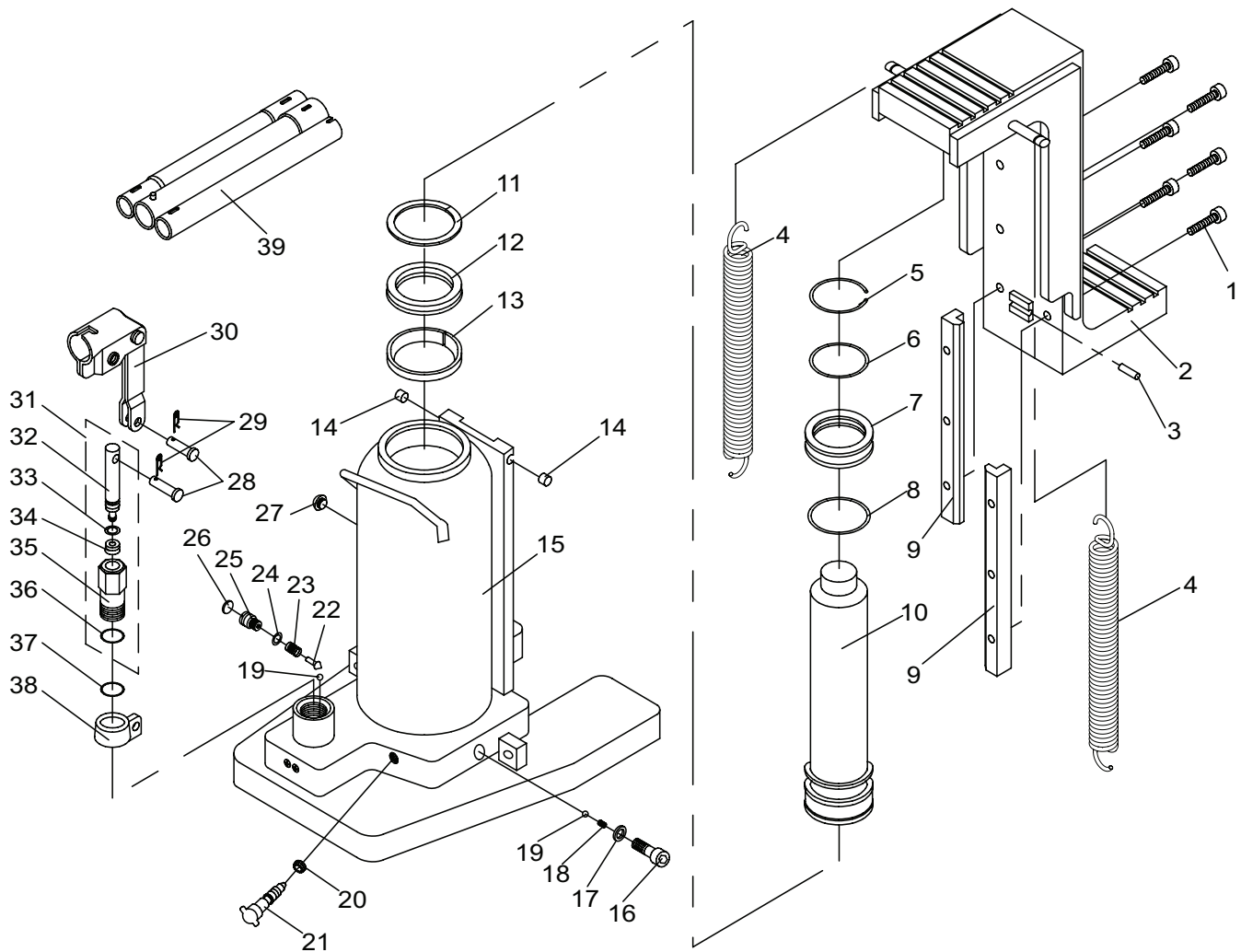


# Toe Jack Service Parts

**MODEL: J13060 - 3 Ton Capacity**

SFA Companies 10939 N. Pomona Ave. Kansas City, MO 64153  
 Tel: 888-332-6419 Fax: 816-891-6599  
 E-mail: sales@bvahydraulics.com Website: www.bvahydraulics.com

Not all components of the jack are replacement items, but are illustrated as a convenient reference of location and position in the assembly sequence.





## Toe Jack Service Parts

**MODEL: J13200 - 10 Ton Capacity**

SFA Companies 10939 N. Pomona Ave. Kansas City, MO 64153  
E-mail: [sales@bvahydraulics.com](mailto:sales@bvahydraulics.com) Website: [www.bvahydraulics.com](http://www.bvahydraulics.com)

| Item | Part Number    | Description           | Qty |
|------|----------------|-----------------------|-----|
| 1    | 226-3-1108-100 | Saddle                | 1   |
| 2    | 522-2-0206-104 | Return Spring         | 2   |
| 3    | 226-6-1808-106 | Retainer Ring         | 1   |
| 4    | *              | Dust Wiper            | 1   |
| 5    | N/A            | Dust Wiper Set        | 1   |
| 6    | 226-5-1204-108 | Guide Ring            | 2   |
| 7    | *              | O-Ring                | 1   |
| 8    | N/A            | Piston Rod            | 1   |
| 9    | *              | Back-up Ring          | 1   |
| 10   | *              | U-cup                 | 1   |
| 11   | 226-6-1209-104 | Bearing               | 2   |
| 12   | N/A            | Base Assy             | 1   |
| 13   | G55-4-1900-105 | Vent Screw Assy       | 1   |
| 14   | 226-3-1300-102 | Handle Sleeve Assy    | 1   |
| 15   | 511-5-0012-016 | Snap Pin              | 2   |
| 16   | 518-4-0070-307 | Pin                   | 2   |
| 17   | *              | O-ring                | 1   |
| 18   | N/A            | Oil Filler Screw      | 1   |
| 19   | 324-4-1900-208 | Oil Filler Screw Assy | 1   |
| 20   | A20-4-1500-106 | Hyd Cartridge Assy    | 1   |
| 21   | *              | Oil Seal              | 1   |
| 22   | 238-6-1701-403 | Release Valve         | 1   |
| 23   | 226-4-1415-105 | Pump Assy             | 1   |
| 24   | N/A            | Pump Piston           | 1   |
| 25   | *              | O-ring                | 1   |
| 26   | *              | Oil Seal Assy         | 1   |
| 27   | N/A            | Pump Cylinder         | 1   |
| 28   | *              | O-ring                | 1   |
| 29   | 226-6-1402-108 | Swivel Seat           | 1   |
| 30   | 181-3-2100-103 | Handle Assy           | 1   |
| *    | 226-3-9906-108 | Seal Kit              | 1   |

(\*) - Items available only as Seal Kit. Replacement requires special skills, knowledge, and equipment. Only an authorized service center may perform the repair and/or replacement of these items.

N/A - Not user serviceable

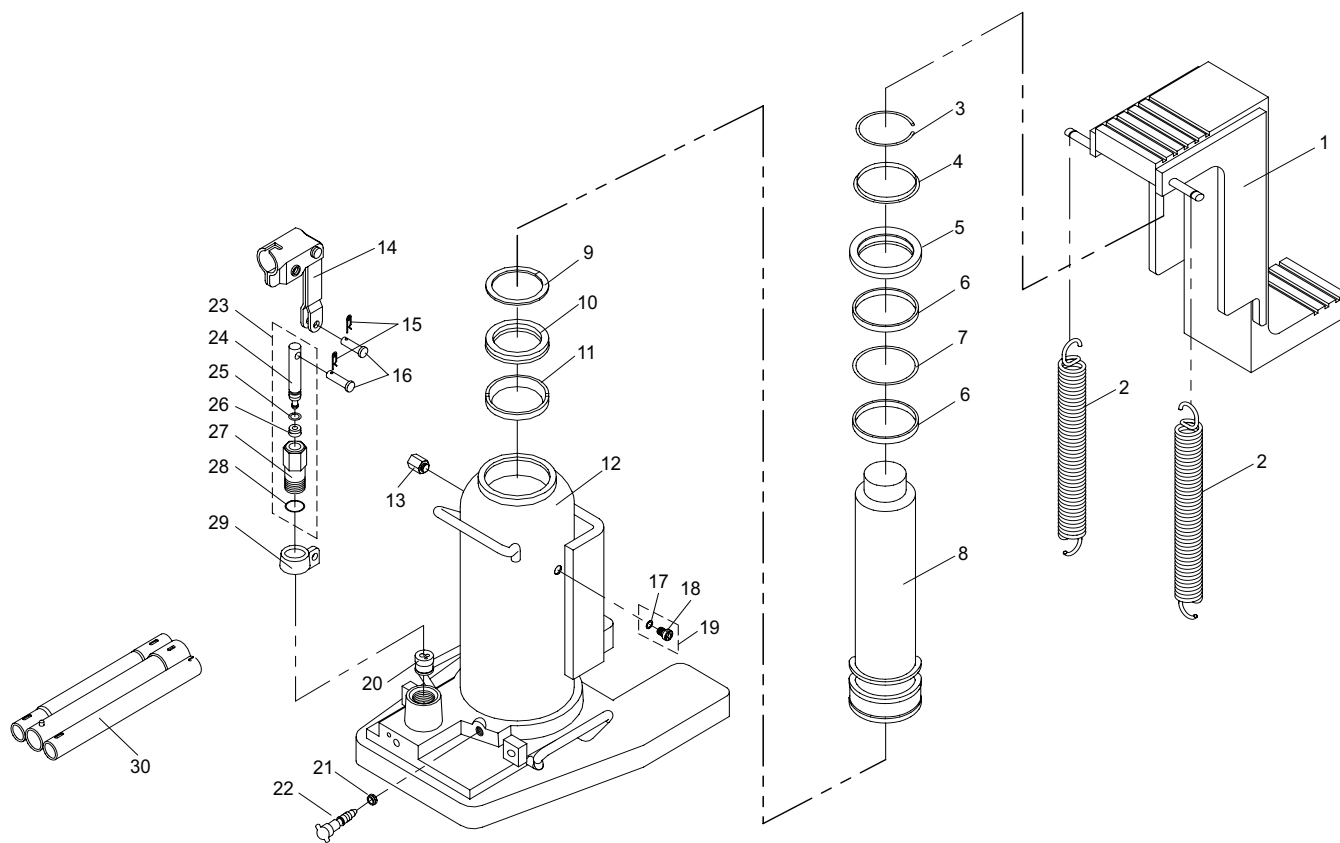


# Toe Jack Service Parts

**MODEL: J13200 - 10 Ton Capacity**

SFA Companies 10939 N. Pomona Ave. Kansas City, MO 64153  
E-mail: [sales@bvahydraulics.com](mailto:sales@bvahydraulics.com) Website: [www.bvahydraulics.com](http://www.bvahydraulics.com)

Not all components of the jack are replacement items, but are illustrated as a convenient reference of location and position in the assembly sequence.





## Toe Jack Service Parts

**MODELS: J13300 - 15 Ton Capacity**

SFA Companies 10939 N. Pomona Ave. Kansas City, MO 64153  
 Tel: 888-332-6419 Fax: 816-891-6599  
 E-mail: sales@bvahydraulics.com Website: www.bvahydraulics.com

| Item | Part Number    | Description       | Qty |
|------|----------------|-------------------|-----|
| 1    | 196-3-1600-101 | Base Assy         | 1   |
| 2    | 324-4-1900-208 | Filler Screw Assy | 1   |
| 3    | 599-7-0700-101 | Guide Ring        | 2   |
| 4    | 522-7-0700-207 | U-cup             | 1   |
| 5    | 579-7-0700-206 | Back-up Ring      | 1   |
| 6    | 196-6-1201-105 | Ram Piston        | 1   |
| 7    | 511-7-0700-909 | O-ring            | 1   |
| 8    | 511-7-0635-106 | O-ring            | 1   |
| 9    | 196-6-1301-109 | Guide Ring        | 1   |
| 10   | G57-6-1209-101 | Buckle Ring       | 1   |
| 11   | G46-6-1301-205 | Handle Sleeve     | 1   |
| 12   | G62-6-1309-108 | Linkage           | 1   |
| 13   | 196-3-1400-103 | Piston Pump Assy  | 1   |
| 14   | G62-6-1402-108 | Bracket           | 1   |
| 15   | 515-3-0150-106 | Copper Washer     | 1   |
| 16   | 566-4-0080-508 | Link Pin          | 3   |
| 17   | 513-5-0016-018 | Retaining Pin     | 3   |

| Item | Part Number    | Description        | Qty |
|------|----------------|--------------------|-----|
| 18   | 238-4-1700-207 | Release Valve Assy | 1   |
| 19   | 601-7-0008-009 | Steel Ball         | 2   |
| 20   | 503-9-0067-103 | Spring Cap         | 1   |
| 21   | 644-1-0080-004 | Screw              | 1   |
| 22   | 414-6-1216-107 | Thimble            | 1   |
| 23   | 512-2-0067-010 | Safety Spring      | 1   |
| 24   | 511-7-0080-400 | O-ring             | 1   |
| 25   | 414-6-1215-307 | Relief Screw       | 1   |
| 26   | 509-9-0145-109 | Safety Valve Lid   | 1   |
| 27   | 512-2-0063-104 | Compression Spring | 1   |
| 28   | 601-7-0012-000 | Steel Ball         | 1   |
| 29   | 552-2-0080-106 | Compression Spring | 1   |
| 30   | 532-3-0180-100 | Combination Washer | 1   |
| 31   | A16-6-5006-104 | Screw              | 1   |
| 32   | 522-2-0260-058 | Return Spring      | 2   |
| 33   | 196-3-1100-101 | Slider Assy        | 1   |
| 34   | 196-4-2100-102 | Handle Assy        | 1   |

(\*) - Items available only as Seal Kit. Replacement requires special skills, knowledge, and equipment. Only an authorized service center may perform the repair and/or replacement of these items.  
 N/A - Not user serviceable



# Toe Jack Service Parts

**MODELS: J13300 - 15 Ton Capacity**

SFA Companies 10939 N. Pomona Ave. Kansas City, MO 64153

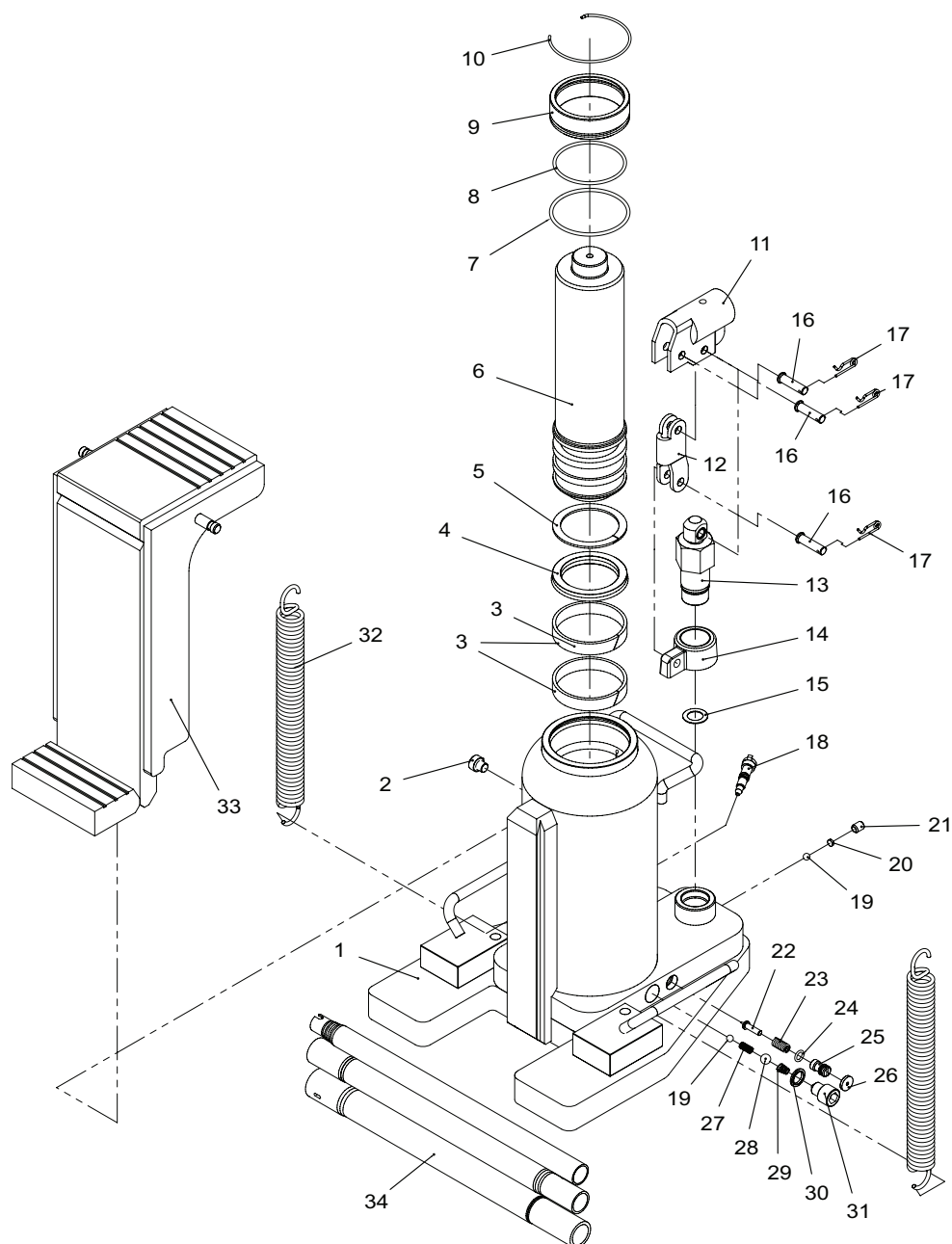
Tel: 888-332-6419

Fax: 816-891-6599

E-mail: [sales@bvahydraulics.com](mailto:sales@bvahydraulics.com)

Website: [www.bvahydraulics.com](http://www.bvahydraulics.com)

Not all components of the jack are replacement items, but are illustrated as a convenient reference of location and position in the assembly sequence.



## LIMITED LIFETIME WARRANTY

BVA Hydraulics®, represented in the United States by SFA Companies ["SFA"] warrants this product to be free from defects in material and workmanship for the life of the product as long as the original purchaser owns the product. The warranty is non-transferable and is subject to the terms, exclusions, and limitations described below:

- Damaged components, including but not limited to bent rams, dented or crushed cylinder walls, broken welds or couplers as well as worn out seals, o-rings and springs are the result of misuse and not covered by warranty and BVA Hydraulics will not provide any warranty credit for such damaged components.
- This warranty does not cover ordinary wear and tear, overloading, alterations (including repairs or attempted repairs not performed by BVA Hydraulics or one of its authorized personnel), improper fluid use, or use of the product in any manner for which the product was not intended or the use of which is not in accordance with the instructions or warnings provided with the product.
- In the unlikely event that a BVA Hydraulics product fails due to material defect in workmanship, you may contact SFA for disposition. In such cases, the customer's sole and exclusive remedy for any breach or alleged breach of warranty is limited to the repair or replacement of the defective product.
- Under no circumstances is BVA Hydraulics liable for any consequential or incidental damage or loss whatsoever.
- THIS WARRANTY IS LIMITED TO NEW PRODUCTS SOLD THROUGH AUTHORIZED DISTRIBUTORS AND OTHER CHANNELS DESIGNATED BY BVA HYDRAULICS. NO AGENT, EMPLOYEE OR OTHER REPRESENTATIVE OF BVA HYDRAULICS IS AUTHORIZED TO MODIFY THIS WARRANTY.
- THE FOREGOING IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FOR A FITNESS FOR A PARTICULAR PURPOSE.
- Components not manufactured by BVA Hydraulics including certain motor systems, gasoline engines, and others are not covered by this warranty and instead are covered by the manufacturer's separate manufacturer's warranty provided in the package.
- BVA Hydraulics' liability in all cases is limited to, and will not exceed the purchase price paid for the product.