This guide is a troubleshooting reference used for maintaining and servicing your BendPak product. It provides comprehensive information on identifying serviceable parts and components and assists in troubleshooting problems and performing assembly/disassembly procedures.
### BOM Table

<table>
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<tr>
<th>ITEM NO</th>
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### Notes

1. See shipping instructions for final packaging.
2. All labels to be applied after painting.
3. See attached label placement sheet.

**Title**: LR-5T Production Lift

**Scale**: 1:25

**Dimensions are in mm**

**Sheet 1 of 3**

---

**Revision History**

- **J**: Added 5781005, 5940003, 5940004, 5905285, and 5905967, Removed 5905403.
  - Date: 12/31/2015
  - Edited By: TM 00736

- **K**: Updated BOM revision.
  - Date: 05/13/2016
  - Edited By: TM 00733

- **L**: Removed 5830609, Added 5701310, Updated BOM revision.
  - Date: 10/06/2016
  - Edited By: TS 00781
### Assembly Instructions

**1.** See shipping instructions for final packaging

**2.** Assemble items as shown

**3.** Adhere rubber pad after painting

---

### PARTS LIST

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<tr>
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**REVISIONS**

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<td>09/18/2015</td>
<td>JM</td>
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**NOTE:** UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
3. ADHERE RUBBER PAD AFTER PAINTING

---

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1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
3. ADHERE RUBBER PAD AFTER PAINTING

ITEM NO. | PART NUMBER | DESCRIPTION | QTY | REV
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1 | 5620580 | LR-5T LIFT PAD EXTENSION WELDMENT | 1 | C
2 | 5716188 | LR-5T RUBBER LIFT PAD, 100mm EXTENSION | 1 | C
3 | 5530022 | BPHS M6 x 1 x 20 ZPL | 4 | -
4 | 5535357 | NUT M6 x 1.0 NL | 4 | -

REV | DESCRIPTION | DATE | EDITED BY | ECO#
---|---|---|---|---
A | PRODUCTION RELEASE | 04/16/2013 | TM | 00597
B | WAS BOLT ON NOW ADHESIVE STICKER, REMOVED 5543012, 5530002, AND 5535357, UPDATED BOM REVISIONS | 08/14/2013 | TM | 00616
C | ADDED (4) 5530022 AND (4) 5535357, UPDATED BOM REVISION | 09/18/2015 | JM | 00726
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**NOTE:** UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE ITEMS AS SHOWN
NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
3. ADHERE RUBBER PAD AFTER WELDING AND PAINTING USING 5580007 ADHESIVE.

ITEM NO | PART NUMBER | DESCRIPTION | QTY | REV
--- | --- | --- | --- | ---
1 | 5600753 | LR-5T LIFT WELDMENT | 1 | F
2 | 5215294 | LR-5T SAFETY BAR ASSEMBLY | 1 | E
3 | 5716185 | LR-5T RUBBER PAD, REAR | 4 | C
4 | 5746322 | LR-5T TOP CYLINDER CLEVIS PIN | 2 | A
5 | 5746323 | LR-5T SAFETY CLEVIS PIN | 1 | A
6 | 5540114 | C RING 7/8" ID TRUARC 5103-87 | 4 | -
7 | 5540006 | SNAP RING TRUARC 5103-100 | 2 | -
8 | 5746324 | LR-5T LOWER CYLINDER CLEVIS PIN | 2 | A
9 | 5540004 | C RING Ø19mm OD DIN M1800 0190 | 4 | -
10 | 5715107 | LR-5T PLASTIC TRAY | 4 | A
11 | 5600001 | POWER UNIT STAND WELDMENT | 1 | A
12 | 5502525 | CYLINDER ASSEMBLY Ø2.0 x 17.75 | 2 | C

REV
| DESCRIPTION | DATE | EDITED BY | ECO# |
--- | --- | --- | --- |
H | ADDED 5580007 ADHESIVE TO NOTE 3 | 12/11/2015 | JM | 00721 |
J | UPDATED BOM REVISION | 05/13/2016 | TM | 00753 |
K | UPDATED BOM REVISION | 10/06/2016 | TS | 00781 |
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**Revision History**

- **C**: ADD (2) 5530456, ADD 5535001, 5530001, 5545012, 5905204, 5905135, 5900141, AND 5930890, REMOVED 5550095, 5535357 AND 5530774, REPLACED 5746328 WITH 5550310, UPDATED BOM REVISIONS
- **D**: REMOVED 5905940, 5905465, 5905720, 5930609, 5905204, 5905135, 5930890 & 5900151, UPDATED BOM REVISIONS
- **E**: ADDED 5535119, ADDED 5530201 UPDATED BOM REVISIONS, UPDATED NEXT ASSEMBLY

**Scale**: 1:4

**Note**: UNLESS OTHERWISE SPECIFIED, SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
NOTE: UNLESS OTHERWISE SPECIFIED.
1. FOR ITEM 1 SPECIFICATIONS REFER TO PART SPECIFICATION FORM
2. (*) ITEM 1 QTY FOR REFERENCE ONLY
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<thead>
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**NOTE:** UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. 5620572 AND 5620574 MUST SWING FREELY
4. DIMENSIONS SHOWN ARE AFTER PAINTING
5. PAINT BENDPAK BLUE

---

**Drawing Information:**

- **REV:**
  - D: UPDATED BOM REVISION 09/18/2015 JM 00726
  - E: UPDATED BOM REVISION 05/13/2016 TM 00753
  - F: UPDATED BOM REVISION 10/06/2016 TS 00781

- **Title:** LR-5T LIFT WELDMENT
- **Drawn:** 04/15/2013
- **Checked:**
- **Scale:** 1:25
- **Third Angle Projection**

---

**Technical Notes:**

- DIMENSIONS ARE IN MM
- TOLERANCES:
  - 0. = ±1.5
  - 0.0 = ±0.5
- ANGULAR: 0. = ±2°
- SURFACE FINISH 1.6 ISO Rau µm
- FOR MACHINED SURFACES
- UNLESS OTHERWISE SPECIFIED

**Instructions:**

- DO NOT SCALE DRAWING
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- REMOVE ALL WELD SPLATTER
- 5620572 AND 5620574 MUST SWING FREELY
- DIMENSIONS SHOWN ARE AFTER PAINTING
- PAINT BENDPAK BLUE
NOTE: UNLESS OTHERWISE SPECIFIED.
1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER

DIMENSIONS ARE IN MM
TOLERANCES:
0. = ±1.5
0.0 = ±0.5
ANGULAR: 0. = ±2°
SURFACE FINISH 1.6 ISO Ra µm
FOR MACHINED SURFACES
UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING
THIRD ANGLE PROJECTION

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### LR-5T BASE WELDMENT, R.H.

**NOTE:** UNLESS OTHERWISE SPECIFIED.
1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER

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**DIMENSIONS ARE IN MM**

TOLERANCES:
- $0.0 = \pm 1.5$
- $0.0 = \pm 0.5$

ANGULAR: $0.0 = \pm 2^\circ$

SURFACE FINISH 1.6 ISO Ra µm

FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED

**DRAWN:** 04/15/2013
**CHECKED:** 04/25/2013

**SCALE:** 1:20

**SIZE:** A

**DWG. NO.:** 5620578

**REV.:** A

**TM:** 00597

**1645 LEMONWOOD DR. SANTA PAULA, CA 93060**

**NOTE:** UNLESS OTHERWISE SPECIFIED.
PART SPECIFICATION FORM

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1. Engineering Specification

Application:
ALI SCISSOR LIFT STICKER

Detailed Description:

![Safety Warning Labels](image)

2. Vendor Information

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<th>Approved Vendor</th>
<th>Vendor Part #</th>
<th>Contact #</th>
<th>Preferred Vendor</th>
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PART SPECIFICATION FORM

BENDPAK Number: 5905176
MRP Description: WARNING TO PROLONG LIFE
Date: 10/24/2014
ECO: 00654

1. Engineering Specification

**Application:**
SCISSOR CYLINDER WARNING

**Detailed Description:**

**WARNING!**
VERY IMPORTANT TO PROLONG LIFE EXPECTANCY OF CYLINDER SEALS AND PREVENT PREMATURE LEAKAGE AND WEAR, RAISE LIFT TO FULL HEIGHT AT LEAST ONCE A DAY. ALSO, THIS IS AN EFFECTIVE WAY TO BLEED ANY TRAPPED AIR AND MAINTAIN EQUAL LIFTING OF THE SYSTEM.

**SIZE:** 3" L x 3" W (76mm x 76mm)
- Material: White Vinyl Pressure Sensitive Adhesive
- Thickness: 4 Mil
- Ink: U.V. protected CMYK 2/C Process
- Finish: Polished
- Print Process: Offset Lithography - 200 line-screen or 300 p.p.i. for digital
- Lamination: Clear-gloss over-laminate for abrasion, chemical, and ultra violet protection

2. Vendor Information

<table>
<thead>
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<th>Approved Vendor</th>
<th>Vendor Part #</th>
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## 1. Engineering Specification

**Application:**
BENDPAK LABEL

**Detailed Description:**

![BendPak Logo](image)

Material: Clear Adhesive PET  
Size: 16"W x 3"H  
Thickness: 4 Mil  
Finish: Polished  
Ink: U.V. protected, Opaque White  
Print Process: Silk Screen, 85 line-screen (YELLOW color in file represents what should be clear PET material and SHOULD NOT print as YELLOW ink. White area in file represents Opaque White ink.)  
Lamination: Clear-gloss over-laminate for abrasion, chemical, and ultra violet protection

## 2. Vendor Information

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## 1. Engineering Specification

**Application:** DATA SERIAL TAG

**Detailed Description:**

![PEEL OFF INVENTORY LABEL](image)

**SIZE:** 3” L x 3” W (76mm x 76mm)

## 2. Vendor Information

<table>
<thead>
<tr>
<th>Approved Vendor</th>
<th>Vendor Part #</th>
<th>Contact #</th>
<th>Preferred Vendor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
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</tbody>
</table>
MFD. BY BENDPAK INC.

LIFT TYPE: SURFACE MOUNT  CAPACITY: MED/HVY DTY
POWER: ELECTRIC/HYDRAULIC  ANCHORS: AS EQUIPPED
INSTALLATION – SEE OWNERS GUIDE OR CONTACT FACTORY

SHIPPING DAMAGE CLAIMS
WHEN THIS EQUIPMENT IS SHIPPED, TITLE PASSES TO THE PURCHASER UPON RECEIPT FROM THE CARRIER. CONSEQUENTLY, CLAIMS FOR THE MATERIAL DAMAGED IN SHIPMENT MUST BE MADE BY THE PURCHASER AGAINST THE TRANSPORTATION COMPANY AT THE TIME SHIPMENT IS RECEIVED.

PLEASE READ ALL OPERATORS/USERS MANUAL(S) PRIOR TO INSTALLATION AND OPERATION. UNDERSTAND AND COMPREHEND THE FULL CONTENTS OF EACH MANUAL(S) PRIOR TO INSTALLATION AND OPERATION. DELIVER THE MANUAL(S) TO ALL OPERATORS. FAILURE TO OPERATE THIS EQUIPMENT AS DIRECTED MAY CAUSE INJURY OR DEATH.

IMPORTANT NOTE:
BENDPAK LIFTS ARE SUPPLIED WITH CONCRETE FASTENERS MEETING THE CRITERIA AS PRESCRIBED BY ASTM E488 - 96(2003). LIFT BUYERS ARE RESPONSIBLE FOR ANY SPECIAL REGIONAL STRUCTURAL AND/OR SEISMIC ANCHORING REQUIREMENTS SPECIFIED BY ANY OTHER AGENCIES AND/OR CODES SUCH AS THE UNIFORM BUILDING CODE (UBC) AND/OR INTERNATIONAL BUILDING CODE (IBC).

INTERNAL BAR CODE – FOR FACTORY AUDIT ONLY 34086

BPK  STYOT  P20KVR  X18576  HVY DTY/ GVR 832

THE MANUFACTURE, USE, SALE OR IMPORT OF THIS PRODUCT MAY BE SUBJECT TO ONE OR MORE UNITED STATES PATENTS, OR PENDING APPLICATIONS, OWNED BY BENDPAK, INC.

ENGINEERED BY BENDPAK INC USA  MADE IN CHINA
PART SPECIFICATION FORM

<table>
<thead>
<tr>
<th>BENDPAK Number:</th>
<th>5905465</th>
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<tr>
<td>MRP Description:</td>
<td>MANUFACTURER LABEL</td>
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<tr>
<td>Date:</td>
<td>05/07/2013</td>
</tr>
<tr>
<td>ECO:</td>
<td>00593</td>
</tr>
</tbody>
</table>

1. Engineering Specification

**Application:** MANUFACTURER LABEL

**Detailed Description:**

- SIZE: 5.125” L x 5.125” W (130mm x 130mm)

2. Vendor Information

<table>
<thead>
<tr>
<th>Approved Vendor</th>
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## PART SPECIFICATION FORM

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<th>BENDPAK Number:</th>
<th>5930720</th>
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<tbody>
<tr>
<td>MRP Description:</td>
<td>LR-5T WARNING INSTRUCTION</td>
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<tr>
<td>Date:</td>
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<td>ECO:</td>
<td>00611</td>
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</table>

### 1. Engineering Specification

**Application:**
LR-5T OPERATIONS INSTRUCTIONS

**Detailed Description:**

**SIZE:** 4” L x 17.75” W (102mm x 451mm)

![Warning Label](image)

### 2. Vendor Information

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SAFETY INSTRUCTIONS: IF ATTACHMENTS, ACCESSORIES OR CONFIGURATION MODIFYING COMPONENTS THAT ARE LOCATED IN THE LOAD PATH, AFFECT OPERATION OF THE LIFT, AFFECT THE LIFT ELECTRICAL LISTING OR AFFECT INTENDED VEHICLE ACCOMMODATION ARE USED ON THIS LIFT AND, IF THEY ARE NOT CERTIFIED FOR USE ON THIS LIFT, THEN THE CERTIFICATION OF THIS LIFT SHALL BECOME NULL AND VOID. CONTACT THE PARTICIPANT FOR INFORMATION PERTAINING TO CERTIFIED ATTACHMENTS, ACCESSORIES OR CONFIGURATION MODIFYING COMPONENTS.

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DO NOT REMOVE

ENGINEERED BY BENDPAK INC. USA

MADE IN CHINA
PART SPECIFICATION FORM

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<th>BENDPAK Number:</th>
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<td>MRP Description:</td>
<td>PRODUCT DATA LABEL</td>
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1. Engineering Specification

**Application:**
PRODUCT DATA LABEL

**Detailed Description:**

<table>
<thead>
<tr>
<th>LIFT TYPE: SURFACE MOUNT</th>
<th>CAP: MEDIUM DUTY</th>
<th>MFG. BPM</th>
<th>SEE DATA PLATE FOR PRODUCT DETAILS</th>
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</thead>
</table>

SANTA PAULA, CA USA
WWW.BENDPAK.COM

SAFETY INSTRUCTIONS: IF ATTACHMENTS, ACCESSORIES OR CONFIGURATION MODIFYING COMPONENTS THAT ARE LOCATED IN THE LOAD PATH, AFFECT OPERATION OF THE LIFT, AFFECT THE LIFT ELECTRICAL LISTING OR AFFECT INTENDED VEHICLE ACCOMMODATION ARE USED ON THIS LIFT AND, IF THEY ARE NOT CERTIFIED FOR USE ON THIS LIFT THEN THE CERTIFICATION OF THIS LIFT SHALL BECOME NULL AND VOID. CONTACT THE PARTICIPANT FOR INFORMATION PERTAINING TO CERTIFIED ATTACHMENTS, ACCESSORIES OR CONFIGURATION MODIFYING COMPONENTS.

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DO NOT REMOVE, ENGINEERED BY BENDPAK INC. USA, MADE IN CHINA

**Size:** 2.3” L x 4.5” W (58mm x 114mm)

2. Vendor Information

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**PART SPECIFICATION FORM**

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<tr>
<td>MRP Description:</td>
<td>2015_SERIAL_TAG-B-5905951</td>
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<tr>
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### 1. Engineering Specification

**Application:**
DATA SERIAL TAG

**Detailed Description:**
SIZE: 3” L x 3” W (76.2mm x 76.2mm)

![Data Serial Tag Diagram](image)

### 2. Vendor Information (Or for Reference)

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OR BENDPAK ENGINEERING APPROVED EQUIVALENT
<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>SERIAL NUMBER</th>
<th>LIFT CAPACITY</th>
<th>DESCRIPTION</th>
<th>VOLTAGE</th>
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**Voltage**
- [ ] 110-240VAC, 50-60 Hz, 1 Ph
- [ ] 380-415VAC, 50-60 Hz, 3 Ph
- [ ] 208-240VAC, 50-60 Hz, 1 Ph
- [ ] 208-440VAC, 50-60 Hz, 3 Ph

**Date of Mfg.**

**Danger!**
Disconnect Power Before Servicing

WARRANTY VOID IF DATA PLATE IS REMOVED

PN 5905951
1. Engineering Specification

**Application:**
PACKAGING LABEL

**Detailed Description:**

- **SIZE:** 6” (152mm) W x 10” (254mm) H
- **Material:** White Adhesive Paper
- **Ink:** U.V. protected CMYK 4/C Process
- **Print Process:** Offset Lithography - 200 line-screen or 300 p.p.i. for digital

2. Vendor Information (Or for Reference)

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**OR BENDPAK ENGINEERING APPROVED EQUIVALENT**
Low-Rise Car Lift

LR-5T

10,000 Lb.
CAPACITY

- Each lift platform features four Parallelogram frame support bars
- Durable full length rubber-topped lifting platforms
- Storage trays placed on each side of lift platforms
- Dual hydraulic pumps
- Diamond plated approach ramps prevent slipping
- Hands-free safety lock release system
- Lifting Height w/blocks: 31.5” / 800 mm.
- Lifting time: 35 sec
- Motor: 110/208-230 VAC / 50/60 Hz. 1Ph
NOTE: UNLESS OTHERWISE SPECIFIED.
1. ASSEMBLE AS SHOWN
2. MATERIAL: HARDWOOD

ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE
NOTE: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE AS SHOWN
2. MATERIAL: HARDWOOD
Never exceed the rated capacity of the lift.
Do not operate the lift if any component is found to be defective or worn.
Never operate lift with any person or equipment below.
Always ensure load is centered and stable prior to operating controls.
When lowering the lift, pay careful attention that all personnel and objects are kept clear.
Always keep a visual line of sight on the lift during operation.
Always stand clear of lift when lowering or raising.
Never leave lift in elevated position unless safety lock is engaged in the LOCKED position.
Keep all body parts and objects away from pinch points when lift is in motion.
Use on level concrete in good condition and free of cracks or other defects.
Visually confirm safety lock is properly engaged before working on or near lift.

WARNING!

FAILURES TO READ AND UNDERSTAND THE FOLLOWING WARNINGS MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE. KEEP HANDS AND FEET CLEAR FROM MOVING PARTS.

Read and understand entire contents of operation manual and warnings before operating this equipment.

1. Clear area of personnel and make sure lift is in full lowered position.
2. Drive vehicle over lift platforms making sure centerline of the vehicle is positioned properly over lift pads.
3. Position vehicle with lift pads making secure contact with factory recommended lifting points.
4. Make sure vehicle weight does not exceed rated capacity of lift.
5. Depress the RAISE button to commence lifting.
6. Raise lift until the vehicles tires clear the floor then stop.
7. Check if vehicle is secure.
8. Continue raising vehicle to desired height.
9. Raise until the safety lock bars drop into the LOCKED position.
10. Lower lift until platforms park and settle on the LOCKED position.

TO RAISE LIFT
1. Clear area before lowering lift.
2. Raise the lift until the release cam on the safety lock drops into the UNLOCKED position.
3. Push the LOWERING handle until the lift starts to descend, stay clear of lift area.
4. Fully lower the lift and remove all lifting adapters before driving vehicle away.

TO LOWER LIFT

Always ensure that the safety is in LOCKED position before any attempt is made to work on or near the vehicle.

LOCKED POSITION

UNLOCKED POSITION

ANSI

Santa Paula, CA 93060 • TEL: 805-933-9970 • www.bendpak.com
ENGINEERED BY BENDPAC USA • MADE IN CHINA

P/N 5905720
WARNING!

VERY IMPORTANT

TO PROLONG LIFE EXPECTANCY
OF CYLINDER SEALS AND
PREVENT PREMATURE LEAKAGE
AND WEAR, RAISE LIFT TO FULL
HEIGHT AT LEAST ONCE A DAY.

ALSO, THIS IS AN EFFECTIVE
WAY TO BLEED ANY TRAPPED
AIR AND MAINTAIN EQUAL
LIFTING OF THE SYSTEM.

PN 5905176