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.
NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ALL LABELS TO BE APPLIED TO POSTS AFTER PAINTING.
3. SEE ATTACHED LABEL PLACEMENT SHEET
NOTE: UNLESS OTHERWISE SPECIFIED.
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
NOTE: UNLESS OTHERWISE SPECIFIED.

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

1. VERIFY CYLINDER PORTS ARE CAPPED OFF WITH STEEL 3/8" NPT PLUG.
2. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING.
3. ASSEMBLE ITEMS AS SHOWN.
HDS-14X POWER SIDE RAMP ASSEMBLY
NOTE: UNLESS OTHERWISE SPECIFIED.
1. GREASE PINS PRIOR TO ASSEMBLY
2. ASSEMBLE ITEMS AS SHOWN

DETAIL A
SCALE 1:10

ITEM NO. | PART NUMBER | DESCRIPTION | QTY | REV
--- | --- | --- | --- | ---
1 | 5600276 | HDS-14 CROSS TUBE WELDMENT, LARGE WINDOW | 1 | H
2 | 5215013 | HDS-14 CROSS TUBE SHEAVE ASSEMBLY | 2 | B
3 | 5575380 | HS/HDS/HDSO-14 SERIES SAFETY ROLLER | 2 | C
4 | 5600044 | HS/HDS LIGHT DUTY SERIES SLACK SAFETY WELDMENT | 2 | F
5 | 5600173 | HS/HDS-14 SHEAVE PIN WELDMENT | 2 | G
6 | 5718005 | HS/77/90/77/14/HSO-14 PLASTIC SLIDE BLOCK | 2 | I
7 | 5746008 | HS/HDS-7/750/9/14, HDSO-14 SAFETY PIN | 2 | E
8 | 5600760 | HS/HDS LIGHT DUTY SERIES SLACK SAFETY WELDMENT | 2 | B
9 | 5501275 | AIR CYLINDER Ø22.5mm OD, 25 STROKE | 2 | -
10 | 5501305 | HEB M6 x 1.0 | 6 | -
11 | 5534005 | M6 FLAT WASHER | 4 | -
12 | 5535112 | M6 FLAT WASHER | 4 | -
13 | 5535101 | SPRING Ø13mm x 90mm, SLACK SAFETY | 4 | A
14 | 5540065 | SPRING Ø13mm x 90mm, SLACK SAFETY | 4 | A
15 | 554002 | E RING Ø1.375 OD, TRUARC X5133-137 | 2 | -
16 | 5550023 | FEMALE ROD END M6 x 34mm | 2 | -
17 | 5550087 | SPRING Ø13mm x 90mm, AIR CYLINDER | 2 | B
18 | 5530093 | HHB M6 x 1.0 FLAT | 2 | -
19 | 5540012 | WASHER M6 x 16 FLAT | 2 | -
20 | 5750136 | HD AIR CYLINDER SPACER 12mm | 2 | B
21 | 5755137 | HD AIR CYLINDER SPACER 25mm | 2 | B
22 | 5535387 | NUT M6 x 1.0 NL | 4 | -
23 | 5540070 | SPRING Ø13mm x 90mm, AIR CYLINDER | 2 | B

NOTE: UNLESS OTHERWISE SPECIFIED.
1. GREASE PINS PRIOR TO ASSEMBLY
2. ASSEMBLE ITEMS AS SHOWN
NOTE: UNLESS OTHERWISE SPECIFIED:

1. GREASE PINS PRIOR TO ASSEMBLY
2. ASSEMBLE ITEMS AS SHOWN

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DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM

THIRD ANGLE PROJECTION

SHEET 1 OF 1
### NEXT ASSEMBLY

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<td>M6 FLAT WASHER</td>
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**NOTE: UNLESS OTHERWISE SPECIFIED.**

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN

---

**SCALE: 1 : 3**
NOTE: UNLESS OTHERWISE SPECIFIED

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN

ITEM NO | PART NUMBER | DESCRIPTION | QTY | REV
--- | --- | --- | --- | ---
1 | 5215663 | HDS-14 CROSS TUBE ASSEMBLY, SMALL WINDOW | 1 | D
2 | 5215104 | HD/S-14 SERIES DRIVE UP RAMP ASSEMBLY | 2 | H
3 | 5215597 | HDS-14 CROSS TUBE ASSEMBLY, LARGE WINDOW | 1 | G
4 | 5215241 | HDS-14X POWER SIDE RAMP ASSEMBLY | 1 | M
5 | 5600289 | HDS-14X OFF SIDE RAMP WELDMENT | 1 | D
6 | 5600236 | HDS-14 POST WELDMENT | 3 | E
7 | 5600237 | HDS-14 POST WELDMENT, POWER SIDE | 1 | E
8 | 5600915 | HDS-14 SERIES SAFETY LADDER WELDMENT | 4 | B
9 | 5535017 | NUT M20 x 2.5 NL | 4 | -
10 | 5535393 | NUT M20 x 2.5 | 4 | -
11 | 5545343 | WASHER M20 FLAT | 4 | -
12 | 5545342 | HDS-14 SPACER, SAFETY LADDER, 15mm LG | 4 | A
13 | 5530167 | HHB M10 x 1.5 x 45mm | 4 | -
14 | 5535013 | NUT M10 x 1.5 NL | 4 | -
15 | 5545341 | WASHER M10 x Ø20 FLAT | 8 | -

REV DESCRIPTION | DATE | EDITED BY/ECO#
--- | --- | ---
C | UPDATED BOM REVISION | 3/23/2015 | MR 00683
D | UPDATED BOM REVISIONS | 10/01/2015 | TM 00724
E | ADDED (6)5545341, (4)5530167, (4)5746382, AND (4)5535013 | 12/23/2015 | JM 00741

5260521

REV: 3/23/2015

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM

THIRD ANGLE PROJECTION

SHEET 1 OF 1

NOTE: UNLESS OTHERWISE SPECIFIED

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN

SCALE: 1:45
NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. INSERT PARTS BAG INTO PARTS BOX FOR SHIPMENT
3. THREAD NYLOCK NUTS ONTO CABLES PRIOR TO SHIPMENT
4. HOSES AND CABLES IN REPRESENTATIONAL FORM
5. (*) LENGTHS FOR REFERENCE ONLY
NOTE: UNLESS OTHERWISE SPECIFIED.

1. GREASE SEALS PRIOR TO ASSEMBLY
2. PRESSURE TEST CYLINDER ASSEMBLY 100% TO 3,600 PSI (NO LEAKS)
3. MARK IN APPROXIMATE LOCATION WITH THE FOLLOWING INFORMATION: MANUFACTURER
4. MONTH / YEAR
5. PART NUMBER

6. DISOGRIN 001-096 OR HERCULES DRU25-1.12-25 MAY BE USED IN PLACE OF RECO UN-1250-1625-0250
7. PARKER 4615-SHD-01250, HERCULES ST-125 OR AFM D-1250 MAY BE USED IN PLACE OF RECO D-1250
8. PARKER 4615-UP-2500-3000-375 OR HERCULES DP025-3.00-375 MAY BE USED IN PLACE OF RECO UN-3000-3500-0375
9. HERCULES 612-350-050 MAY BE USED IN PLACE OF WR-03500-0500-125
10. HERCULES 612-150-050 MAY BE USED IN PLACE OF WR-01500-0500-125
11. VERIFY HYDRAULIC PORTS ARE CAPPED WITH PLUGS
### Item NO | Part Number | Description | Qty. | REV
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**Revision Table**

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**Note:** UNLESS OTHERWISE SPECIFIED.

1. FOR ITEM 1 SPECIFICATIONS REFER TO PART SPECIFICATION FORM
2. (*)ITEM 1 QTY FOR REFERENCE ONLY
NOTE: UNLESS OTHERWISE SPECIFIED.
1. FOR ITEM 1 SPECIFICATIONS REFER TO PART SPECIFICATION FORM
2. ITEM 1 QTY FOR REFERENCE ONLY
**NOTE: UNLESS OTHERWISE SPECIFIED.**

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. GRIND/SAND EXTERIOR CORNERS/WELDS SMOOTH
4. PAINT BENDPAK YELLOW 583-2T
5. APPLY #30 GRIT ALUMINUM OXIDE WHEN PAINTING TO TOP ONLY AFTER WELDING
NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. APPLY #30 GRIT ALUMINUM OXIDE TO TOP SURFACE AFTER WELDING & BEFORE PAINTING
4. PAINT BENDPAK BLUE
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<tr>
<th>ITEM NO</th>
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**NOTE: UNLESS OTHERWISE SPECIFIED.**

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. PAINT BENDPAK BLUE

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**PROPRIETARY AND CONFIDENTIAL.**

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**DIMENSIONS ARE IN MM.
TOLERANCES:
0 = ±1.5
0.0 = ±0.5

SURFACE FINISH 1.6 ISO Ro µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED.**
NOTE: UNLESS OTHERWISE SPECIFIED.
1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. PAINT AFTER WELDING UNLESS USED ON ALIGNMENT RAMP

APPLY #30 GRIT ALUMINUM OXIDE WHEN PAINTING
NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPATTER
3. PAINT BENDPAK BLUE

---

ITEM NO | PART NUMBER | DESCRIPTION | QTY | REV
---|---|---|---|---
1 | 576036 | HDS-14 CROSS TUBE, SMALL WINDOW | 1 | C
2 | 5735027 | CROSS TUBE SAFETY BLOCK | 2 | C
3 | 5755010 | SMALL AIR SAFETY TROUGH | 1 | C
4 | 5755011 | AIR SAFETY TROUGH | 1 | C
5 | 5755023 | HD-14 SERIES TOP CROSS TUBE STRAP | 1 | C
6 | 5755039 | HD/HDSO-14 BOTTOM CROSS TUBE STRAP | 1 | E
7 | 5620228 | HDS-14 CROSS TUBE END PLATE #1 WELDMENT | 1 | G
8 | 5620229 | HDS-14 CROSS TUBE END PLATE #2 WELDMENT | 1 | G
9 | 5620230 | HDS-14 CROSS TUBE END PLATE #3 WELDMENT | 1 | F
10 | 5620231 | HDS-14 CROSS TUBE END PLATE #4 WELDMENT | 1 | F
11 | 5620003 | HD-12/14 RAMP STOP | 1 | D
12 | 5755073 | HDSO/HDSO-14 CARRIAGE TIE BLOCK | 2 | B

---

NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPATTER
3. PAINT BENDPAK BLUE

---

DIMENSIONS ARE IN MM
TOLERANCES:

0. = ±1.5
0.0 = ±0.5

SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED

---

NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPATTER
3. PAINT BENDPAK BLUE
NOTE: UNLESS OTHERWISE SPECIFIED.
1. BREAK AND DEBurr ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. PAINT BENDPAK BLUE

1 5701732 HDS-14 CYLINDER FLANGE ARM 1 A
2 5736820 HDS/HDSO-14 CABLE RETAINER BLOCK 1 A
3 5745317 HD-14 SERIES CYLINDER FLANGE ARM SPACER 1 B
4 5735289 HD/HDS-14 CYLINDER FLANGE ARM SPACER 1 B
UPDATE SHEET TEMPLATE

UPDATED TITLE TO REFLECT WHERE USED

UPDATED NEXT ASSEMBLY

UPDATED NEXT ASSEMBLY

UPDATED TITLE TO REFLECT WHERE USED

UPDATED NEXT ASSEMBLIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm.
## 1. Engineering Specification

**Application:**
ALI SAFETY MANUAL

**Detailed Description:**
![Lifting Right Safety Manual](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

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## 1. Engineering Specification

**Application:**
ALI OPERATION INSPECTION & MAINTENANCE MANUAL

**Detailed Description:**

![American National Standard](image)

## 2. Vendor Information

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1. Engineering Specification

**Application:**
INSTALLATION MANUAL

**Detailed Description:**

**WARNING**

**IMPORTANT SAFETY INSTRUCTIONS**

PLEASE READ THE ENTIRE CONTENTS OF THIS MANUAL PRIOR TO INSTALLATION AND OPERATING YOUR LIFTS. ANY INJURY OR DEATH TO PERSONS OR DAMAGE TO PROPERTY MAY OCCUR IF THIS INSTRUCTION MANUAL IS NOT READ AND UNDERSTOOD BEFORE INSTALLATION AND OPERATION OF THIS EQUIPMENT.

**INSTALLATION AND OPERATION MANUAL**

14,000 POUND CAPACITY COMMERCIAL GRADE FOUR-POST LIFTS

MODELS:
HDS-14
HDS-14X

READ FIRST

Keep the operation manual near the machine at all times. Make sure that ALL USERS read and understand this manual.

BE SAFE
Your new lift was designed and built with safety in mind. However, your personal safety can be increased with proper understanding and thoughtful operation of this equipment.

The equipment is equipped with safety interlocks designed to prevent operation of the machine in potentially hazardous situations. These interlocks are a critical safety feature. Make sure all safety interlocks are in place and the important safety instructions are followed. Read the operation manual prior to actual startup.

**BP BendPak**

1645 Lemonwood Dr., Santa Paula, CA 93060
Tel: 1-805-933-9970 Fax: 1-805-933-9160
www.bendpak.com

2. Vendor Information

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1. Engineering Specification

Application:
ALI 4 POST SAFETY STICKER KIT

Detailed Description:
SIZE: 11" L x 8.5" W (279mm x 216mm)

2. Vendor Information

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# PART SPECIFICATION FORM

<table>
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<th>BENDPAK Number:</th>
<th>5905151</th>
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<tr>
<td>MRP Description:</td>
<td>SAFETY TIPS CARD ALI-ST 90</td>
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<tr>
<td>Date:</td>
<td>12/28/2010</td>
</tr>
<tr>
<td>ECO:</td>
<td>00431</td>
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</table>

## 1. Engineering Specification

**Application:** ALI SAFETY TIPS

**Detailed Description:**

![AUTOMOTIVE LIFT SAFETY TIPS](image)

1. Inspect your lift daily. Never operate if it is misaligned, or if it has damaged parts. Failure to do so could result in serious injury or death.
2. Operator controls are designed to cease when released. Don't lock them or override them.
3. Never overlook your lift. Manufacturer's rated capacity is shown on nameplate affixed to the lift.
4. Positioning of vehicle and operation of the lift should be done only by trained and authorized personnel.
5. Never store vehicles with ongoing mobile lifts. Do not store or leave any vehicle in the lift area during operation.
6. Always keep lift area free of obstructions, debris, oil, trash and spillage items.
7. Before driving vehicle over lift, position arms and supports to provide adequate clearance. Do not drive vehicle over lift arms, supports, or other lift parts.
8. Inspect vehicle on lift every day. Lift platform should be completely clear of vehicle. Check platform for loose, worn or damaged vehicle. Lift should be checked before vehicle is raised. Do not raise vehicle if damaged parts are present.
9. Lift platform should be clear of all debris. Do not allow any debris to fall through lift platform. Lift platform must be completely clear of any debris before vehicle is raised. Lift platform must be clear of all debris before vehicle is raised.
10. After lifting vehicle, lift arm supports, or other lift area is removed from under vehicle. If vehicle is not properly positioned, the lift is not properly aligned, or the lift is not properly supported, it must be lowered and repositioned before vehicle is raised.
11. Safety Tips are printed on a sticker that is located on the lift platform. These Safety Tips should be visible to operators at all times.

## 2. Vendor Information

<table>
<thead>
<tr>
<th>Approved Vendor</th>
<th>Vendor Part #</th>
<th>Contact #</th>
<th>Preferred Vendor</th>
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<tbody>
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<td>1)</td>
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</table>
PART SPECIFICATION FORM

BENDPAK Number: 5905311
MRP Description: BENDPAK LABEL: 4 x 38" WHITE INK
Date: 05/13/2015
ECO: 00689

1. Engineering Specification

Application:
BENDPAK LABEL

Detailed Description:

SIZE: 38” L x 4.25” W (965mm x 108mm)

- Material: Yellow Represents Clear Adhesive PET
- Size: 4.25”W x 38”H
- Thickness: 4 Mil
- Finish: Polished
- Ink: U.V. protected, Opaque White
- Print Process: Silk Screen, 85 line-screen (Opaque White ink, clear adhesive PET will fill in blank areas.)
- Lamination: Clear-gloss over-laminate for abrasion, chemical, and ultra violet protection

2. Vendor Information

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

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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:**
MFD. BY BENDPAK INC.

LIFT TYPE: SURFACE MOUNT  CAPACITY: MED/HVY DTY
POWER: ELECTRIC/HYDRAULIC  ANCHORS: AS EQUIPPED
INSTALLATION = SEE OWNER'S 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/USER'S 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 - 06(2003). LIFT USERS 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).

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

2. Vendor Information

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<thead>
<tr>
<th>Approved Vendor</th>
<th>Vendor Part #</th>
<th>Contact #</th>
<th>Preferred Vendor</th>
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</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 UNON 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

BENDPAK Number: 5905556

MRP Description: 4-POST SAFETY DECAL

Date: 05/06/2013

ECO: 00593

1. Engineering Specification

Application:
4-POST SAFETY DECAL

Detailed Description:

SIZE: 23” L x 4” W (584m x 100mm)

2. Vendor Information

<table>
<thead>
<tr>
<th>Approved Vendor</th>
<th>Vendor Part #</th>
<th>Contact #</th>
<th>Preferred Vendor</th>
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</table>
VISUALLY CONFIRM THAT ALL PRIMARY SAFETY LOCKS ARE ENGAGED BEFORE ENTERING WORK AREA.

Suspension cables and hooks are intended to raise and lower lift only and are NOT meant to be used for travel. Read and understand these instructions before using lift. Follow these instructions may cause death or serious injury. Read and understand these instructions before using lift.

IMPORTANT OPERATION / MAINTENANCE INSTRUCTIONS - PLEASE READ

**SAFETY LOCKS ENGAGED**

- OK TO PROCEED –

**SAFETY LOCK NOT ENGAGED**

- REMAIN CLEAR –

**WARNING**

Wire Rope Inspection and Maintenance

- Raise lift by pressing RAISE BUTTON on power unit. Elevate lift at least two inches to allow adequate clearance for locks to clear foundation when lifting.
- Lower lift by pressing power unit lowering handle and hold lift.
- Never allow lift spine to contact any part of lift, vehicle or any other object.
- Before entering work area:
  - ALWAYS make sure ALL LOADS are discharged. If any of the lift components are damaged or missing it may attempt to clamp personal injury.
- Regular Monthly Maintenance:
  - ALWAYS make sure lift is discharged. Do not attempt to drive or move lift.
  - Adjustidle top to ensure lift moves level and safety handle.
  - Check ALL connections, bolts and pins to ensure normal working.
  - Usually inspect safety locks for proper operation.
  - Lift not extending if you cannot inspect properly. Inspect chain or cable connections, bolts and pins to ensure normal working.
  - Inspect anchor bolts and welds, if necessary.
  - Check lock block nuts and bolts for normal working.
  - Make a visual inspection of ALL HARDWARE and parts and check for proper functioning.
  - Replace any HARDWARE parts that do not work properly (see fig. 3).

**WARNING**

- Paint or other material should not be used on or near vehicle.
- Do not permit electric motor to get wet.

- Never operate the lift with lift or near vehicle.
- Never operate the lift with lift or near vehicle.
- Always make sure ALL LOCKS are engaged before entering work area.
- Failure to read, understand and follow these instructions may cause death or serious injury. Read and understand these instructions before using lift.

**DANGER**

VISUALLY CONFIRM THAT ALL PRIMARY SAFETY LOCKS ARE ENGAGED BEFORE ENTERING WORK AREA.

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**WARNING**

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**WARNING**

Wire Rope Inspection and Maintenance

- Raise lift by pressing RAISE BUTTON on power unit. Elevate lift at least two inches to allow adequate clearance for locks to clear foundation when lifting.
- Lower lift by pressing power unit lowering handle and hold lift.
- Never allow lift spine to contact any part of lift, vehicle or any other object.
- Before entering work area:
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**WARNING**

- Paint or other material should not be used on or near vehicle.
- Do not permit electric motor to get wet.

- Never operate the lift with lift or near vehicle.
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**DANGER**

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**WARNING**

Wire Rope Inspection and Maintenance

- Raise lift by pressing RAISE BUTTON on power unit. Elevate lift at least two inches to allow adequate clearance for locks to clear foundation when lifting.
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- Always make sure ALL LOCKS are engaged before entering work area.
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# PART SPECIFICATION FORM

| BENDPAK Number: | 5905557 |
| MRP Description: | MAX CAP DANGER 14K |
| Date: | 05/06/2013 |
| ECO: | 00593 |

## 1. Engineering Specification

**Application:**
LIFT CAPACITY STICKER

**Detailed Description:**
SIZE: 5” L x 4” W (127mm x 100mm)

![Danger Sign](image)

THE MAXIMUM LIFTING CAPACITY FOR THIS LIFT IS DESCRIBED BELOW

- Maximum Lifting Capacity 14,000 lbs. / 6350 kg
- Max. Lifting Cap. / Front of Lift Center 7000 lbs. / 3175 kg
- Max. Lifting Cap. / Rear of Lift Center 7000 lbs. / 3175 kg

Exceeding the weight capacity of this lift can damage lift and/or property and may cause personal harm, injury or death to operators and/or bystanders. All vehicles MUST be positioned on lift with CENTER OF GRAVITY midway between adapters and/or centered on runways. Damage to lift due to overloading or misuse IS NOT covered under warranty.

## 2. Vendor Information

<table>
<thead>
<tr>
<th>Approved Vendor</th>
<th>Vendor Part #</th>
<th>Contact #</th>
<th>Preferred Vendor</th>
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<tbody>
<tr>
<td>1)</td>
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</table>
THE MAXIMUM LIFTING CAPACITY FOR THIS LIFT IS DESCRIBED BELOW

<table>
<thead>
<tr>
<th>Maximum Lifting Capacity</th>
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</thead>
<tbody>
<tr>
<td>14,000 lbs. / 6350 kg</td>
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</table>

<table>
<thead>
<tr>
<th>Max. Lifting Cap. / Front of Lift Center</th>
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<tbody>
<tr>
<td>7000 lbs. / 3175 kg</td>
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</table>

<table>
<thead>
<tr>
<th>Max. Lifting Cap. / Rear of Lift Center</th>
</tr>
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<tbody>
<tr>
<td>7000 lbs. / 3175 kg</td>
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**PART SPECIFICATION FORM**

<table>
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<td>MRP Description:</td>
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<td>ECO:</td>
<td>00593</td>
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### 1. Engineering Specification

**Application:**
PRODUCT DATA LABEL

**Detailed Description:**

![BP BendPak Logo]

SIZE: 2.3” L x 4.5” W (58mm x 114mm)

### 2. Vendor Information

<table>
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<tr>
<th>Approved Vendor</th>
<th>Vendor Part #</th>
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<td>1)</td>
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**Safety Instructions:**
- TP 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.

**Approval:**
DO NOT REMOVE. ENGINEERED BY BENDPAK INC. USA. MADE IN CHINA.
LIFT TYPE: SURFACE MOUNT  CAP: MED/HVY DTY  MFG. BPK  SEE DATA PLATE FOR PRODUCT DETAILS
POWER: ELECTRIC/HYDRAULIC  INSTALLATION - SEE OWNERS GUIDE OR CONTACT FACTORY

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.

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).

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.

DO NOT REMOVE  ENGINEERED BY BENDPAK INC. USA  MADE IN CHINA
**PART SPECIFICATION FORM**

<table>
<thead>
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<th>BENDPAK Number:</th>
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<tr>
<td>MRP Description:</td>
<td>LABEL D (4-POST LIFTS CE)</td>
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<tr>
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<td>12/04/2015</td>
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<tr>
<td>ECO:</td>
<td>00724</td>
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1. Engineering Specification

**Application:**
DATA SERIAL TAG, 4-POST LIFTS, CE

**Detailed Description:**

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<th>Part Number</th>
<th>Serial Number</th>
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**Size:** 3.38” L x 3.38” W
(85.7mm x 85.7mm)

2. Vendor Information (Or for Reference)

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<th>Preferred Vendor</th>
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OR BENDPAK ENGINEERING APPROVED EQUIVALENT
<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>SERIAL NUMBER</th>
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<tr>
<th>LIFT CAPACITY</th>
<th>DESCRIPTION</th>
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<table>
<thead>
<tr>
<th>ROLLING JACK MAX CAP.</th>
<th>MAX PSI / BAR</th>
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<table>
<thead>
<tr>
<th>VOLTAGE</th>
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<tbody>
<tr>
<td>□ 110-240VAC, 50-60 Hz, 1 Ph</td>
</tr>
<tr>
<td>□ 208-240VAC, 50-60 Hz, 1 Ph</td>
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<th>DATE OF MFG.</th>
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DANGER! Disconnect Power Before Servicing

WARRANTY VOID IF DATA PLATE IS REMOVED

PN 5905953
HDS-14 Packaging

This report is intended to show how to package an HDS-14

Report taken by: Adam Roberts
Date: 10/9/15
Power side ramp will have: 1 crosstube, 1 parts box, cylinder installed and safety ladders.
Offside ramp will have: 1 crosstube 2 approach ramps, 4 posts, 4 top plates, 2 tire stops and 2 tire chocks.

2 posts will be positioned opposite of each other with 2 approach ramps on top. Note that there is cardboard in-between each spot where the parts contact each other. They are then secured with a steel strap.
The crosstube will be positioned as shown with the tire stops, top plates and tire chocks packaged in the middle.

Power side ramp will have 4 safety ladders fully wrapped in plastic with cardboard where it contacts the ramp.
The parts box will be placed in the center in front of the cylinder. Then the crosstube is placed on top and secured with a steel strap.

Once all items are secure, each section is wrapped with cardboard.
Thicker cardboard is then added to the bottom and both sides and secured with plastic straps. We are using a one piece cardboard that has folds for the sides.

Shown is all the thicker cardboard pieces added.
Finally fully wrap in plastic.

Here is the lift complete and stacked.
2016
CE-Approved
4 Post Lifts
Colors & Graphics

4/7/16

CONFIDENTIAL INFORMATION.
You may not disclose, print, copy or disseminate this information. Unauthorized use is a violation of federal criminal law.
**4 Post Lifts Product Decal Positioning**

**A**

**BPK Post Branding Decal-Large_5905311.pdf:**
- Material: Clear Adhesive PET
- Size: 4.25”W x 38”H
- Thickness: 4 Mil
- Finish: Polished
- Ink: U.V. protected, Opaque White
- Print Process: Silk Screen, 85 line-screen
- Lamination: Clear-gloss over-laminate for abrasion, chemical, and ultra violet protection

**B**

**4 Post Safety Decal.pdf:**
- Material: White Vinyl Pressure Sensitive Adhesive
- Size: 4”W x 23”H
- Thickness: 4 Mil
- Ink: U.V. protected CMYK 2/C Process
- 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

**C**

(Order Labels from ALI)
4 Post Lifts Product Decal Positioning

**Max. Cap. Danger.pdf:**
- Size: 4"W x 5"H
- 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

**PN 5905645 - NRTL_Lifting_Cap_Label_7K**
- Size: 4.5"W x 3.25"H
- 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

**PN 5905940 - Product_Data_Label_5905940-New.pdf:**
- Size: 4.5"W x 2.3"H
- 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

**2015_Serial_Tag-D-5905953.jpg:**
- Size: 3"W x 3.25"H
- Material: Material: 2 Mil. Matte Silver Polyester (Flex-PSE)
- Ink: using thermal transfer printer with resin ribbon
- Print Process: 1 Color-Black
**FOR ALI APPROVED LIFTS ONLY**

D, H, G, F

Front of Post
(Top to Bottom)

E, C

Back of Post
(Top to Bottom)

Place 1.25” from top of Power Unit bracket to the bottom of ALI Label.
**4 Post Lifts Packaging**

**Serial Tag New-2015 Peel Off-5905285.jpg:**
- **Size:** 3"W x 3"H
- **Material:** 2 Mil. Matte Silver Polyester (Flex-PSE)
- **Print using thermal transfer printer with resin ribbon**
- **Ink:** 1 Color-Black

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**Manufacturer Packaging Label:**
- **Size:** 5"W x 5"H
- **Material:** White adhesive paper
- **Ink:** U.V. protected CMYK 2/C Process
- **Print Process:** Offset Lithography - 200 line-screen or 300 p.p.i. for digital

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**Do not remove back sheet of this portion to prevent from sticking completely as shown in image.**