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 AFTER PAINTING.
3. SEE ATTACHED LABEL PLACEMENT SHEET
NOTE: UNLESS OTHERWISE SPECIFIED.
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
3. 5620041 MUST SWING FREELY

ITEM NO. | PART NUMBER | DESCRIPTION | QTY | REV
--- | --- | --- | --- | ---
1 | 5603446 | PCL-18B POST WELDMENT | 1 | K
2 | 5716628 | PCL-18B WHEEL ADJUSTMENT BLOCK | 2 | E
3 | 5620112 | PCL-18B WHEEL ADJUSTMENT ROD WELDMENT | 2 | D
4 | 5215230 | PCL-18B LEG WHEEL ASSEMBLY | 2 | D
5 | 5530756 | WASHER M16 x 30 | 1 --
6 | 5530756 | HUB M6 x 1 x 25 | 1 --
7 | 5531112 | GP/PCL/XPR/PCL-2000 SAFETY SHEAVE | 1 | C
8 | 5531112 | GP/PCL/XPR/PCL-2000 SAFETY SHEAVE SPACER | 1 | C
9 | 5736332 | PCL-18B SOLENOID MOUNT PLATE | 1 | E
10 | 5736333 | PCL-18B MICRO SWITCH BRACKET RISER | 1 | C
11 | 5746632 | PCL-18B ROLLER BRACKET WELDMENT | 2 | D
12 | 5540020 | E RING Ø19mm OD TRUARC 5133-75 | 2 --
13 | 5746634 | NUT M20 x 2.5, WITH HOLE | 2 | A
14 | 5565350 | GP/PCL/XPR/PL-7000 SAFETY SHEAVE SPACER | 1 | C
15 | 5736331 | PCL-18B ROLLER BRACKET WELDMENT | 2 | D
16 | 5505049 | SPRING PIN M6 x 30 | 2 --
NOTE: UNLESS OTHERWISE SPECIFIED
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
3. ATTACH KEYRINGS TO THE ENDS OF EACH CHAIN
4. ATTACH KEYRINGS TO FORK PIN AND LIFT HEAD

ITEM NO. | PART NUMBER | DESCRIPTION | QTY | REV
--- | --- | --- | --- | ---
1 | 5600448 | PCL-18B CARRIAGE WELDMENT | 1 | H
2 | 5600884 | PCL-18B RIGHT FORK ARM WELDMENT | 1 | B
3 | 5600885 | PCL-18B LEFT FORK ARM WELDMENT | 1 | B
4 | 5716156 | PCL-18B CARRIAGE SLIDE | 6 | C
5 | 5580219 | KEYRING 56mm x 3mm | 4 | --
6 | 5716159 | PCL-18B CARRIAGE SLIDER SPACER | 6 | F
7 | 5701424 | PCL-18B CARRIAGE ROLLER COVER, R.H. | 1 | B
8 | 5701459 | PCL-18B CARRIAGE ROLLER COVER, L.H. | 1 | E
9 | 5545027 | WASHER M12 x Ø37 x 3mm | 2 | --
10 | 5520164 | HHB M12 x 1.75 x 20 | 2 | --
11 | 5746619 | PCL-18B FORK PIN | 2 | C
12 | 5510105 | PCL-18B LIFT HEAD PIN CHAIN | 2 | D
13 | 5746073 | PCL-18B ROLLER BEARING BACKUP PLATE | 2 | D
14 | 5215421 | PCL-18B CARRIAGE SLIDER ASSEMBLY, BRASS | 4 | C

REV | DESCRIPTION | DATE | EDITED BY | ECO#
--- | --- | --- | --- | ---
H | REPLACED 5716149 WITH 5716159, REPLACED 5575092 WITH 521542, REPLACED 5600455 WITH 5600885, AND 5600447 WITH 5600884 | 02/17/2015 | MR | 00651
J | UPDATED BOM REVISION | 03/19/2015 | TM | 00693
K | UPDATED TITLE TO REFLECT WHERE USED, UPDATED BOM REVISIONS | 08/21/2015 | JM | 00720

NOTE: UNLESS OTHERWISE SPECIFIED
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
3. ATTACH KEYRINGS TO THE ENDS OF EACH CHAIN
4. ATTACH KEYRINGS TO FORK PIN AND LIFT HEAD

CHECKED: CA 09/23/2015

DIMENSIONS ARE IN MM

SCALE: 1:15

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©2015 BENDPAK INC. 2645 LEMONWOOD DR. SANTA PAULA, CA 93060
NOTE: UNLESS OTHERWISE SPECIFIED.
1. ASSEMBLE ITEMS AS SHOWN

ITEM NO | PART NUMBER | DESCRIPTION | QTY | REV
--- | --- | --- | --- | ---
1 | 5215231 | PCL-18B CASTER WHEEL ASSEMBLY | 1 | C
2 | 5746623 | PCL-18B ROLLER PIN | 1 | D
3 | 5540030 | E RING Ø22 OD TRUARC 5133-87 | 2 | -

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM
THIRD ANGLE PROJECTION

NOTE: UNLESS OTHERWISE SPECIFIED
1. ASSEMBLE ITEMS AS SHOWN
### BOM (Bill of Materials)

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<td>5 PORT UNMAPPED ETHERNET SWITCH</td>
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<td>PCL-18B CONTROL BOX WELDMENT, POST B</td>
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<td>9</td>
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<td>10</td>
<td>5545005</td>
<td>M6 FLAT WASHER</td>
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<td>5535112</td>
<td>NUT M6 x 1.0</td>
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<td>12</td>
<td>5550237</td>
<td>BHPS M5 x 0.8 x 6</td>
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<td>13</td>
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<td>5550429</td>
<td>AUDIBLE BUZZER, 22mm, RED LED, 24V</td>
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<td>26</td>
<td>5520638</td>
<td>IND LIGHT, 22mm, 24V, LED, GREEN</td>
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<td>27</td>
<td>5520640</td>
<td>IND LIGHT, 22mm, 24VDC, LED, YELLOW</td>
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### PCB Assembly

**NOTE: UNLESS OTHERWISE SPECIFIED.**

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

---

**Dimensions:**

- Sheet 1 of 7
- Title: PCL-18B CONTROL BOX ASSEMBLY, POST B
- Scale: 1:5
- Size: A
- Proprietary and Confidential

**Instructions:**

- See shipping instructions for final packaging
- Assemble items as shown

**Drawing:**

- Date: 09/30/2011
- Name: TM
- Checked: DB
- Date: 08/29/2016

---

**Title:**

- PCL-18B CONTROL BOX ASSEMBLY, POST B

---

**Legend:**

- IMPORTED AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.
NOTE: UNLESS OTHERWISE SPECIFIED.
1. ASSEMBLE ITEMS AS SHOWN
PART SPECIFICATION FORM

<table>
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<td>Date: 05/01/2015</td>
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<td>ECO: 00702</td>
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1. Engineering Specification

**Application:**
HAND PUMP JACK

**Detailed Description:**
Hand Pallet Truck Assembly include handle, pump unit and back wheel.

- ROD HEAD: .45" / 11mm HEIGHT
- CENTER OF ROD HEAD TO FRONT EDGE OF PUMP BODY: 3" / 72mm
- WIDTH OF PUMP BODY: 3.6" / 92mm
- TOP OF ROD HEAD TO BOTTOM OF RHOMBUS PLATE: 9-1/2" / 184.15mm
- LENGTH OF RHOMBUS PLATE: 10" / 258mm
- WHEELS: Ø200 x 50mm W

**ADDITIONAL CONTACT INFORMATION:**
Changzhou Yi-Lift material handling equipment Co., Ltd.
Xue shu xiang, Yaoguan Town,
Wujin District, Changzhou 213102 Jiangsu, P.R. China
Contact Name: Jack
Tel: 0086-0510-68866121
Fax: 0086-0510-82730160
E-mail: jack@yi-lift.com
Http: www.yi-lift.com

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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<tr>
<td>1) CHANGZHOU YI-LIFT MATERIAL HANDLING EQUIPMENT CO., LTD.</td>
<td>TYPE9</td>
<td>0086-0510-68866121 <a href="mailto:jack@yi-lift.com">jack@yi-lift.com</a></td>
<td>YES</td>
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<tr>
<td>2)</td>
<td></td>
<td></td>
<td></td>
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</table>
NOTE: UNLESS OTHERWISE SPECIFIED.
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN

ITEM NO | PART NUMBER | DESCRIPTION | QTY | REV
--- | --- | --- | --- | ---
1 | 5215014 | PCL-18B POST ASSEMBLY | 1 | N
2 | 5502304 | CYLINDER ASSEMBLY Ø3.5 x 69 | 1 | C
3 | 5215034 | PCL-18B CARRIAGE ASSEMBLY | 1 | K
4 | 5701103 | PCL-18B CYLINDER STOPPER | 1 | C

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM
THIRD ANGLE PROJECTION

TITLE: PCL-18B COLUMN SUPERSTRUCTURE

SHEET 1 OF 1
SCALE: 1:20
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

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1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

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<td>PCL-18B HYDRAULIC TUBE</td>
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<td>5570672</td>
<td>PCL-18B HYD. HOSE ASSY Ø10 x 850mm DS</td>
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<td>5746615</td>
<td>PCL-18B SAFETY PIVOT PIN</td>
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<td>PCL-18B SOLENOID TRIP BRACKET</td>
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<td>PCL-18B WHEELED JACK RETAINER RING</td>
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NOTE: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE ITEMS AS SHOWN

CAT5e, CABLE CUT TO LENGTH AT FINAL ASSEMBLY

DETAIL-B T-568A

WHT/BRN (PIN 2)
BRN (PIN 1)
WHT/ORG (PIN 2)
ORG (PIN 3)
WHT/GRN (PIN 1)
GRN (PIN 1)
RED (PIN 1)
WHT (PIN 2)
BLK (PIN 2)
WHT/BRN (PIN 2)
BLU (PIN 5)
GRN (PIN 3)
WHT/BLU (PIN 5)
WHT/GRN (PIN 5)
WHT (PIN 2)
(10/4 SOOW)

(10/4 SOOW)
**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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<td>818*mm</td>
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<td>5550336</td>
<td>FTG NPL-06 CRIMP x -06 JIC</td>
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**REV. DESCRIPTION DATE EDITED BY ECO #**

- **A** PRODUCTION RELEASE 08/26/2009 AC 00136
- **B** PCL-18 WAS MCL-18 09/29/2009 MT 00303
- **C** UPDATED TITLE TO REFLECT WHERE USED 08/24/2015 JM 00720

---

**SITE**

**TITLE:** PCL-18B HYD. HOSE ASSY Ø10 x 850mm DS

**DRAWN**

AC 08/26/2009

**CHECKED**

CA 09/24/2015

**SCALE:** 1:2

**SIZE**

DWG. NO. 5570872

**Dwg. No.**

5250221

---

**CA 09/24/2015**

**DAC 08/26/2009**

**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. PAINT BENDPAK BLUE
4. DRILL AFTER WELD

---

### ITEM LIST

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<td>PCL-18B SOLENOID MOUNT BRACKET</td>
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**ISOMETRIC VIEW**

FOR REFERENCE ONLY

DO NOT SCALE

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**REV/DESCRIPTION**

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<td>5701396 DISTANCE WAS 1756 NOW 1766 pg 2 09/14/2016 DB 00774</td>
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**NOTE: UNLESS OTHERWISE SPECIFIED.**

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. DIMENSIONS SHOWN ARE AFTER PAINTING
4. MASK THREADS BEFORE PAINTING
5. PAINT BENDPAK BLUE

CARDINAL #: T008-GR736

---

### BOM

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**REVISED:**

- **F** UPDATED BOM REVISION 02/17/2015  MR 00651
- **G** UPDATED BOM REVISIONS 03/19/2015  TM 00693
- **H** UPDATED TITLE TO REFLECT WHERE USED, WAS BENDPAK GRAY NOW BENDPAK BLUE, UPDATED BOM REVISIONS 08/21/2015  JM 00720
NOTE: UNLESS OTHERWISE SPECIFIED.
1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. DIMENSIONS SHOWN ARE AFTER PAINTING
4. PAINT BENDPAK YELLOW
   CARDINAL #: T008-GR736

DIMENSIONS SHOWN ARE AFTER PAINTING
PAINT BENDPAK YELLOW
CARDINAL #: T008-GR736
NOTE: UNLESS OTHERWISE SPECIFIED.
1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. DIMENSIONS SHOWN ARE AFTER PAINTING
4. ARMS MUST SLIDE FREELY ON CARRIAGE BEAM
5. PAINT BENDPAK YELLOW
CARDINAL #: T008-GR736
NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. MATERIAL: HR ASTM A36 OR Q235 GB/T 700

DIMENSIONS ARE IN MM
TOLERANCES:
  Ø ±1.5
  0.0 ±0.5

ANGULAR: 0. = ±2°
SURFACE FINISH 1.6 ISO Ra µm
FOR MACHINED SURFACES
UNLESS OTHERWISE SPECIFIED

REV
DESCRIPTION
DATE
EDITED BY ECO#

A
PRODUCTION RELEASE
11/06/2007
GJZ 00136

B
PCL-18 WAS MCL-18
09/28/2009
MT 00303

C
UPDATED TITLE TO REFLECT WHERE USED
8/21/2015
JM 00720

DRAWN
CHECKED
GJZ
CA
11/06/2007
09/25/2015

PROPERTY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS
THE SOLE PROPERTY OF BENDPAK INC. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT
THE WRITTEN PERMISSION OF BENDPAK INC. IS
PROHIBITED.

SCALE: 1:4

SHEET 1 OF 1
## 1. Engineering Specification

**Application:**
WIRE MARKER

**Detailed Description:**
Adhesive-back markers wrap onto themselves to accommodate wires of various thicknesses.
Markers are oil- and water-resistant. They have continuously printed black characters on a white background.
Markers are 0.007” thick vinyl cloth and 1 1/2” long. The width varies depending on character.

*** Specify Individual Characters when ordering. (0-100, A-Z, -, +)***

## 2. Vendor Information (Or for Reference)

<table>
<thead>
<tr>
<th>Approved Vendor</th>
<th>Vendor Part #</th>
<th>Contact #</th>
<th>Preferred Vendor</th>
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<tr>
<td>1) McMaster-Carr</td>
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**OR BENDPAK ENGINEERING APPROVED EQUIVALENT**
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>
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</table>
1. Engineering Specification

**Application:**
ALI LIFT STICKER KIT

**Detailed Description:**

![Safety Instructions and Warnings]

2. Vendor Information

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

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<th>BENDPAK Number:</th>
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<tr>
<td>MRP Description:</td>
<td>PCL-18B_Column_Indicator_B</td>
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<tr>
<td>Date:</td>
<td>08/25/2016</td>
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<td>ECO:</td>
<td>ECO-00774</td>
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## 1. Engineering Specification

**Application:**
COLUMN INDICATOR

**Detailed Description:**

Trim: 4”W x 2”H  
Material: 2 Mil. White Adhesive Vinyl  
Ink: U.V. protected CMYK 4/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 (Or for Reference)

<table>
<thead>
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<th>Approved Vendor</th>
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OR BENDPAK ENGINEERING APPROVED EQUIVALENT
**PART SPECIFICATION FORM**

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<tr>
<td>MRP Description:</td>
<td>PCL-18 WARNING LABEL</td>
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<tr>
<td>Date:</td>
<td>11/09/2012</td>
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<td>ECO:</td>
<td>00550</td>
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### 1. Engineering Specification

**Application:** WARNING LABEL  
**Detailed Description:**

![Warning Label](image)

### 2. Vendor Information

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<thead>
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</table>
READ AND UNDERSTAND all installation and operation instructions as outlined in all manuals thoroughly before installing, operating or servicing this lift.

THOROUGHLY TRAIN ALL EMPLOYEES in use and care of the lift, using manufacturer’s instructions and “Lifting It Right” and “Safety Instructions” supplied with the lift.

NEVER allow unauthorized or untrained persons to position vehicle/lift or operate lift.

DO NOT USE LIFT in a manner other than intended. Included but not limited to examples of unapproved uses of the lift would be lifting vehicle by only one side, lifting different axles with a column pair (diagonal lifting), and lifting non-approved items or vehicles.

ALWAYS become familiar with and understand all lift controls before loading a vehicle onto lift.

NEVER use on asphalt or soft ground surfaces. Operate lift only on concrete with a minimum strength of 3000 psi and a minimum thickness of 4.5”.

MAXIMUM ALLOWED FLOOR SLOPE is 1/8” per foot side to side of vehicle and 1/4” per foot front to rear of vehicle.

NEVER use on a suspended floor structure without specific approval from structural engineer.

OBSERVE AND FOLLOW all safety and warning labels found on the lift and illustrated in the installation and operators manual(s).

Electrical components on this lift have internal arcing or sparking parts. To minimize the risk of explosion, DO NOT expose lift to flammable vapors or operate lift in the vicinity of open containers of flammable liquids.

ALWAYS ensure tires are properly inflated before lifting. NEVER exceed tire load rating when raising vehicle.

NEVER raise/lower only one side of a vehicle or vehicle may come in contact with lift columns as vehicle tips.

ALWAYS lift simultaneously on same axle and NEVER stagger between axles.

NEVER drive over or pinch electrical cables.

NEVER use if electrical cords are resting in/on standing water, snow or damp floor surfaces.

This equipment has an OPERATING AMBIENT TEMPERATURE RANGE of 41º – 104ºf (5º – 40ºc).

- 2-COLUMN CONFIGURATION
- 4-COLUMN CONFIGURATION
- 6-COLUMN CONFIGURATION
- 8-COLUMN CONFIGURATION

NOTE: Special factory configuration only.

NOTE: The electrical communication cables do not have to make a complete loop. It is not necessary to plug the last lift back into the first lift. SEE DIAGRAM

P/N 5905615

NOTE: Special factory configuration only.
**PART SPECIFICATION FORM**

<table>
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<th>BENDPAK Number:</th>
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<tr>
<td>MRP Description:</td>
<td>PCL-18 INSTRUCTIONS LABEL</td>
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<td>Date:</td>
<td>11/09/2012</td>
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</table>

### 1. Engineering Specification

**Application:**
INSTRUCTIONS LABEL

**Detailed Description:**

![Warning and Quick-Start Operation Instructions]

**WARNING**

- Be sure to observe and follow all safety and warning instructions found on the lift, illustrated on the labels and in the installation and operators manual(s).
- Before attempting to lift any vehicle, be sure that vehicle individual axle weight does not exceed two lift columns combined capacity and adequate overhead clearance is provided to raise vehicles to desired height.
- Make sure lift forks are in secure contact with vehicle tires and parking brake is released on vehicle.
- Adjustable forks must be equally spaced off centerline of lift carriage and adjusted properly to the tire/wheel size.
- Ensure tires are properly inflated before lifting.
- Do NOT exceed tire load rating when raising vehicle.
- NEVER go under raised vehicle unless all tires are making secure contact with the forks. Lower lift and repeat vehicle and/or lift spotting and loading procedure if necessary.

**Quick-Start Operation Instructions**

TO RAISE LIFT:
1. After ensuring that the system communication check is complete and the display panel is colored GREEN, press the UP button until all vehicle tires clear the floor. (NOTE: If any single column has an operation fault, the entire set of columns will fail to register and the display panel(s) will be colored RED).
2. Stop and check for secure fork contact with tires at all columns.
3. Continue to raise vehicle to the desired height. (NOTE: If too limit has been set, the lift will automatically stop raising at the desired limit setting.
4. NOTE: While operating the lift, you will observe individual columns slowing down and/or speeding up at various intervals of travel. This is a normal operating characteristic of the system.
5. Press the PARK button to lower lift onto the locking latches.
6. While using lift, avoid excessive rocking of vehicle.

TO LOWER LIFT:
1. Before lowering lift, be sure to remove tool carts, safety stands, etc. from the area and check that all personnel and bystanders remain clear.
2. After ensuring that the system communication check is complete and the display panel is colored GREEN, press the DOWN button to lower lift. NOTE: The RABBIT (rabbit) or TURTLE (turtle) settings can be used to control the lowering speed if desired.
3. Observe that all columns are lowering and vehicle remains level.
4. Remain clear of forks and vehicle when lowering. Observe pinch point WARNING decal.
5. Reset the parking brake.
6. Move all lift units away from the vehicle to provide an unobstructed exit before removing the vehicle.
7. NEVER drive vehicle over communication cables.

### 2. Vendor Information

<table>
<thead>
<tr>
<th>Approved Vendor</th>
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QUICK-START OPERATION INSTRUCTIONS

TO RAISE LIFT:
1. After ensuring that the system communication check is complete and the display panel is colored GREEN, press the UP button until all vehicle tires clear the floor. (NOTE: If any single column has an operation fault, the entire set of columns will fail to register and the display panel(s) will be colored RED).
2. Stop and check for secure fork contact with tires at all columns.
3. Continue to raise vehicle to the desired height. (NOTE: If top limit has been set, the lift will automatically stop rising at the desired limit setting.
4. NOTE: While operating the lift, you will observe individual columns slowing down and/or speeding up at various intervals of travel. This is a normal operating characteristic of the system.
5. Press the PARK button to lower lift onto the locking latches.
6. While using lift, avoid excessive rocking of vehicle.

TO LOWER LIFT:
1. Before lowering lift, be sure to remove tool carts, safety stands, etc. from the area and check that all personnel and bystanders remain clear.
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3. Observe that all columns are lowering and vehicle remains level.
4. Remain clear of forks and vehicle when lowering. Observe pinch point WARNING decals.
5. Reset the parking brake.
6. Move all lift units away from the vehicle to provide an unobstructed exit before removing the vehicle.
7. NEVER drive vehicle over communication cables.

Failure to read, understand and follow these instructions may cause death or serious injury. Read and understand these instructions before using lift.

WARNING

• Be sure to observe and follow all safety and warning instructions found on the lift, illustrated on the labels and in the installation and operators manual(s).
• Before attempting to lift any vehicle, be sure that vehicle individual axle weight does not exceed two lift columns combined capacity and adequate overhead clearance is provided to raise vehicle to desired height.
• Make sure lift forks are in secure contact with vehicle tires and parking brake is released on vehicle.
• Adjustable forks must be equally spaced off centerline of lift carriage and adjusted properly to the tire/wheel size.
• Ensure tires are properly inflated before lifting. DO NOT exceed tire load rating when raising vehicle.
• NEVER go under raised vehicle unless all tires are making secure contact with the forks. Lower lift and repeat vehicle and/or lift spotting and loading procedure if necessary.

P/N 5905620
1. Engineering Specification

**Application:**
COLUMN B, C & D LABEL

**Detailed Description:**

Trim: 259 mm. W x 500 mm. H / 10.2”W x 19.7”H  
Material: 2 Mil. White Adhesive Vinyl  
Ink: U.V. protected CMYK 4/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 (Or for Reference)

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OR BENDPAK ENGINEERING APPROVED EQUIVALENT
RAISING VEHICLE

• **START-UP:** Turn the main power switch located on the master column to the **ON** position. After approximately six seconds the green colored **RABBIT** button or the amber colored **TURTLE** button will illuminate signaling the user that all columns are initialized and ready. The system is now ready to operate.

• **RAISING ALL WHEELS:** in **TEAM** mode, press any **UP** button on any column to raise the lift. Keep **UP** button depressed until the vehicle is raised to the desired position. If necessary, use a second person to observe the area not seen by the operator. **NOTE:** While operating the lift, you will observe individual columns slowing down and/or speeding up at various intervals of travel. This is a normal operating characteristic of the system. Always press the **PARK/Lock** button to lower lift onto the locking latches before entering work area.

• **RAISING PAIRED AXLE:** in **PAIR** mode, press the **UP** button on any **PAIRED** column to raise the desired axle. Keep **UP** button depressed until the vehicle axle is raised to the desired position. Always press the **PARK/Lock** button to lower lift onto the locking latches before entering work area. **NOTE:** Be sure that the set of wheels on the ground is free to move as the effective distance between the front and rear wheels becomes less as one pair of wheels is higher than the other pair. Keep the height difference between pairs as low as practical. Under **PAIR** mode, the lift will automatically result in an out-of-level fault if the axle or **PAIRED** column set is out of sync by more than 12” height difference between carriages.

• **RAISING SINGLE WHEEL:** **SINGLE** operation is to be used only to initially engage the tires and for slight equalization adjustments. An audible alarm will activate at all times during **SINGLE** mode use. To raise only a single wheel, turn the selector switch to **SINGLE** at the post that **SINGLE** control is desired. Press the **UP** button on any **PAIR** column to raise the desired wheel. Always press the **PARK/Lock** button to lower lift onto the locking latches before entering work area.

**IMPORTANT NOTE:** BE VERY CAREFUL WHEN DOING THIS OPERATION THAT THE VEHICLE REMAINS STABLE AND THAT THE SIDE OF THE VEHICLE DOES NOT COME IN CONTACT WITH THE COLUMN.

• **PARKING ALL WHEELS (ON MECHANICAL LOCKS):** The **PARK/Lock** button default is set to lower all selected columns simultaneously onto the mechanical locks. The **PARK/Lock** button will illuminates signaling that the select lift columns are now **PARK** ready. At this time, press the **PARK/Lock** button to lower the lift onto the mechanical locks. Keep the **PARK/Lock** button depressed until the **PARK/Lock** button light remains off. If necessary, use a second person to observe the area not seen by the operator.

• **LOWERING LIFT:** Before lowering lift, be sure to remove tool carts, safety stands, etc. from the area and check that all personnel and bystanders remain clear. After ensuring that all columns are initialized and ready, press the **DOWN** button to lower lift. **IMPORTANT NOTE:** IF THE **PARK/Lock** BUTTON HAD BEEN PREVIOUSLY ACTIVATED, THE LIFT WILL AUTOMATICALLY RISE TWO INCHES BEFORE LOWERING COMMENCES. Ensure that all columns are lowering and vehicle remains level. Remain clear of forks and vehicle when lowering and observe all pinch points warnings. **NOTE:** The **Rabbit** ( ) or **Turtle** ( ) settings can be used to control the lowering speed if desired. Once the vehicle tires have reached the ground, reset the parking brake then move all columns away from the vehicle to provide an unobstructed exit before removing the vehicle. **NEVER** drive vehicle over communication cables.

• **RESET OPERATION:** During operation, if there is a mechanical or electrical error, a system fault may occur which will cause the lift to stop working. The small fault light indicators will turn off. The lift is then ready to continue operation. Refer to the operation manual for fault conditions, corrections and reset procedures.

**WARNING**

Failure to read, understand and follow these instructions may cause death or serious injury. Read and understand these instructions before using lift.
## PART SPECIFICATION FORM

<table>
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<th>BENDPAK Number:</th>
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<td>MRP Description:</td>
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### 1. Engineering Specification

**Application:**
LIFT CAPACITY STICKER FOR CE LIFTS

**Detailed Description:**
SIZE: 3.25” L x 4.5” W (82mm x 114mm)

![Attention Sticker](image)

**Maximum Lifting Capacity**
18000 Lbs.
8165 Kg.

### 2. Vendor Information

<table>
<thead>
<tr>
<th>Approved Vendor</th>
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ATTENTION

MAXIMUM LIFTING CAPACITY

18000 Lbs.
8165 Kg.