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
### Item No. | Part Number | Description | QTY | REV
---|---|---|---|---
1 | 5600446 | 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 | 5546820 | WASHER M16 x 30 | 1 | --
6 | 5530756 | HBB M6 x 1 x 25 | 1 | --
7 | 5627112 | GP/PCL/XPR/PCL-7000 SAFETY SHEAVE | 1 | C
8 | 5535357 | M6 x 1 x 25 | 1 | --
9 | 5575112 | GP/PCL/XPR/PL-7000 SAFETY SHEAVE SPACER | 1 | C
10 | 5736332 | PCL-18B SOLENOID MOUNT PLATE | 1 | E
11 | 5736333 | PCL-18B MICRO SWITCH BRACKET ASSEMBLY | 1 | C
12 | 5746632 | PCL-18B WHEEL ARM PIN | 2 | D
13 | 5540020 | E RING Ø19mm OD TRUARC 5133-75 | 2 | --
14 | 5736331 | NUT M20 x 2.5, WITH HOLE | 1 | A
15 | 5505049 | SPRING PIN M6 x 30 | 2 | --

**NOTE: UNLESS OTHERWISE SPECIFIED.**

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
3. 5620041 MUST SWING FREELY
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 | KEYRINGS 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 | 5530164 | HHB M12 x 1.75 x 20 | 2 | --
11 | 5746619 | PCL-18B FORK PIN | 2 | C
12 | 5746115 | PCL-18B LIFT HEAD PIN CHAIN | 2 | --
13 | 5746073 | PCL-18B ROLLER BEARING BACKUP PLATE | 2 | D
14 | 5215421 | PCL-18B CARRIAGE SLIDER ASSEMBLY, BRASS | 4 | C

DIMENSIONS ARE IN MM

SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
ATTACH KEYRINGS TO THE ENDS OF EACH CHAIN
ATTACH KEYRINGS TO FORK PIN AND LIFT HEAD

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

PROPRIETARY 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.
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<td>PCL-18B CASTER WHEEL ASSEMBLY</td>
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<td>3</td>
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<td>E RING Ø22 OD TRUARC 5133-87</td>
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**NOTE: UNLESS OTHERWISE SPECIFIED.**

1. ASSEMBLE ITEMS AS SHOWN

---

**REV** | **DESCRIPTION** | **DATE** | **EDITED BY** | **ECO#**
---|---|---|---|---
B | PCL-18 WAS MCL-18, UPDATED BOM REVISIONS | 09/29/2009 | MT | 00303 |
C | UPDATED BOM REVISIONS | 01/08/2010 | MT | 00331 |
D | UPDATED TITLE TO REFLECT WHERE USED, UPDATED BOM REVISIONS | 08/21/2015 | JM | 00720 |

---

**REFERENCES**

- **BENDPAK INC.**
  - Proprietary and Confidential
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**SCALE:** 1:2

**Dwg. No.:** 5215230

**Rev.:** D

---

**Sheet 1 of 1**
NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
NOTE: UNLESS OTHERWISE SPECIFIED.
ASSEMBLE ITEMS AS SHOWN.

ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | REV
---|---|---|---|---
1 | 5736348 | PCL-18B CARRIAGE SLIDER HOLDER | 1 | C
2 | 5716104 | PCL-18B BRASS CARRIAGE SLIDER | 1 | C
3 | 5535357 | NUT M6 x 1.0 NL | 2 | --

NOTES:
1. ASSEMBLE ITEMS AS SHOWN.
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 ROMBUS 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>
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<th>Preferred Vendor</th>
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<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>
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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

REVISION
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NOTE: UNLESS OTHERWISE SPECIFIED.
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
2. ASSEMBLE ITEMS AS SHOWN
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### Item List

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### Notes

1. FOR ITEM 1 SPECIFICATIONS REFER TO PART SPECIFICATION FORM
2. (*) ITEM 1 QTY FOR REFERENCE ONLY

---

**NOTE: UNLESS OTHERWISE SPECIFIED.**

- FOR ITEM 1 SPECIFICATIONS REFER TO PART SPECIFICATION FORM
- (*) ITEM 1 QTY FOR REFERENCE ONLY

**SCALE:** 1:2
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

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

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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. DIMENSIONS SHOWN ARE AFTER PAINTING
4. MASK THREADS BEFORE PAINTING
5. PAINT BENDPAK BLUE
CARDINAL #: T008-GR736

ITEM NO | PART NUMBER | DESCRIPTION | QTY | REV |
--- | --- | --- | --- | --- |
1 | 5620030 | PCL-18B CARRIAGE SUBWELDMENT | 1 | F |
2 | 5745018 | PCL-18B CARRIAGE TOP SHAFT | 1 | E |
3 | 5745016 | PCL-18B CARRIAGE BOTTOM SHAFT | 1 | F |

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

NOTE: UNLESS OTHERWISE SPECIFIED.

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3. DIMENSIONS SHOWN ARE AFTER PAINTING
4. MASK THREADS BEFORE PAINTING
5. PAINT BENDPAK BLUE
CARDINAL #: T008-GR736

NOTE: UNLESS OTHERWISE SPECIFIED.
CYLINDER MUST CLEAR CUTOUTS
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

ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

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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
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CARDINAL #: T008-GR736

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CARDINAL #: T008-GR736

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2. REMOVE ALL WELD SPLATTER
3. DIMENSIONS SHOWN ARE AFTER PAINTING
4. 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

ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE
ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

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

THIRD ANGLE PROJECTION

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)

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<th>Vendor Part #</th>
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PART SPECIFICATION FORM

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

BENDPAK Number: 5905580  
MRP Description: PCL-18 ALI SAFETY LABEL KIT  
Date: 11/02/2011  
ECO: 00484

1. Engineering Specification

**Application:**
ALI LIFT STICKER KIT

**Detailed Description:**

![Safety Instructions and Warnings](image)

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>
# PART SPECIFICATION FORM

<table>
<thead>
<tr>
<th><strong>BENDPAK Number:</strong></th>
<th>5905595</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MRP Description:</strong></td>
<td>PCL-18B_Column_Indicator_C</td>
</tr>
<tr>
<td><strong>Date:</strong></td>
<td>08/25/2016</td>
</tr>
<tr>
<td><strong>ECO:</strong></td>
<td>ECO-00774</td>
</tr>
</tbody>
</table>

## 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>
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OR BENDPAK ENGINEERING APPROVED EQUIVALENT