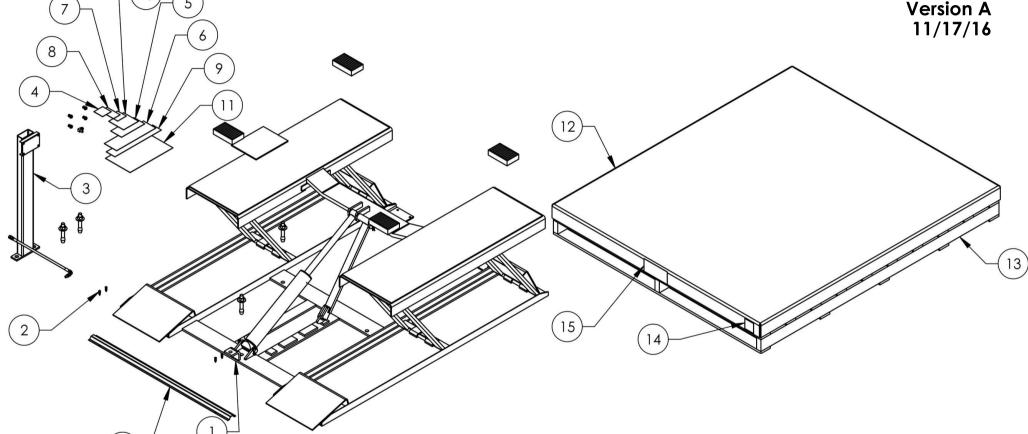
# Service Manual

Service Parts & Diagrams



BendPak SKU 5260167 LR-60 Production Lift Version A 11/17/16



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.



## BendPak, Inc. Corporate Office

1645 Lemonwood Drive Santa Paula, CA 93060 USA Toll Free US/Canada: 1-800-253-2363 Fax: 1-805-933-9160 info@bendpak.com

### **Customer Service Desk / Warranty**

Customer Service Representatives Office Tel: 1-805-933-9970 Toll Free US/Canada: 1-800-253-2363 Fax: 1-805-933-9160 customerservice@bendpak.com

### **Parts Orders**

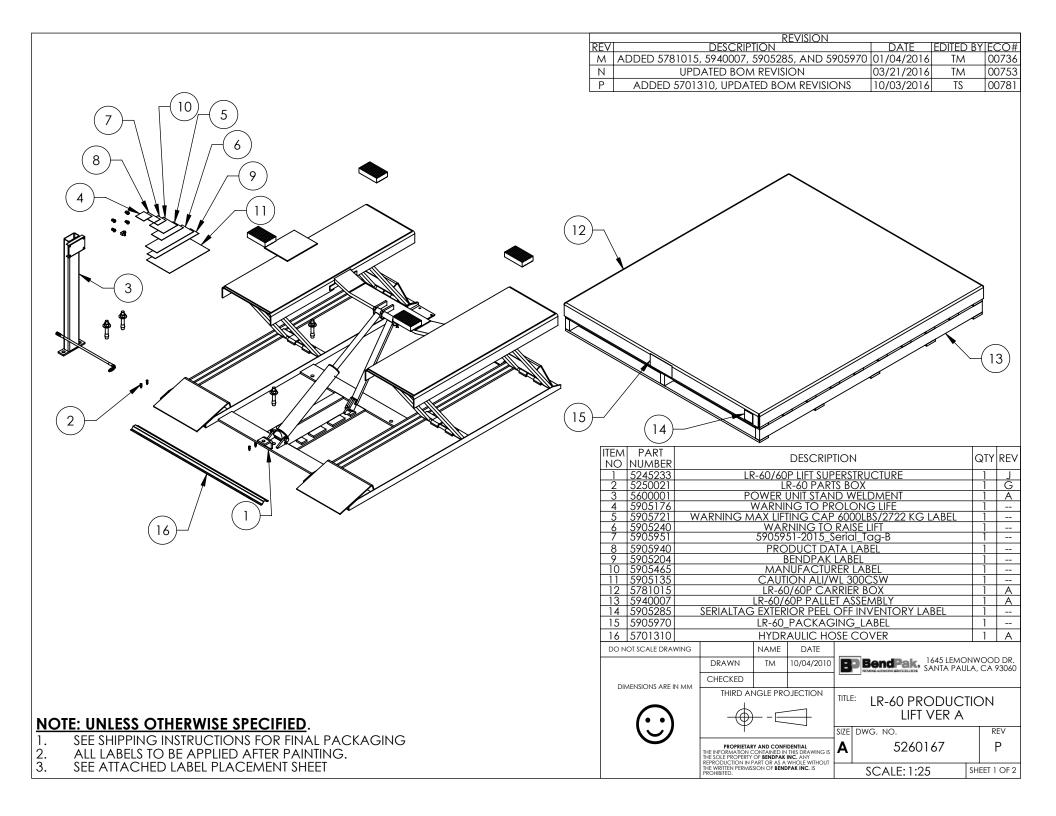
Customer Service Representatives Office Tel: 1-805-933-9970 Toll Free US/Canada: 1-800-253-2363 Fax: 1-805-933-9160 parts@bendpak.com

### **Domestic Sales & Service**

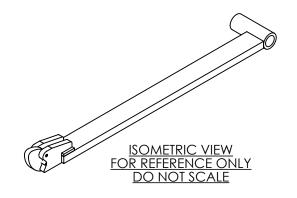
USA Sales Representatives Office Tel: 1-805-933-9970 Toll Free US/Canada: 1-800-253-2363 Fax: 1-805-933-9160 sales@bendpak.com

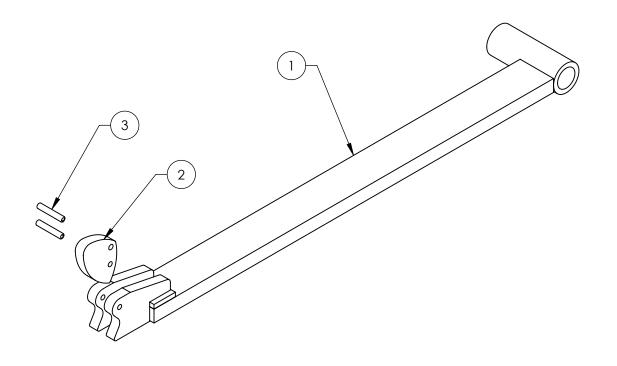
### International Sales & Service

Office Tel: 1-805-933-9970 Exports Department: 1-805-933-9970 Ext. 192 Toll Free US/Canada: 1-800-253-2363 Fax: 1-805-933-9160 bpkexports@bendpak.com



REVISION								
REV	DESCRIPTION	DATE	EDITED BY	ECO#				
Α	PRODUCTION RELEASE, DERIVED FROM 5215594	04/14/2014	TS	00654				
В	UPDATED BOM REVISION	09/18/2015	JM	00726				





ITEM NO.	PARTI	NUMBER		DE	QTY.	REV	
1	521	0372	LR-	60/60P SA	1	С	
2	573	36676		1	D		
3	550	)5141		SPRIN	G PIN M6 x 36	2	
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DO NOT SCALE DRAWING

DRAWN
TS
04/14/2014

CHECKED
CA
09/28/2015

THIRD ANGLE PROJECTION

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

LR-60/60P SAFETY
BAR ASSEMBLY

SIZE DWG. NO. REV
S 5210373 B

SHEET 1 OF 1

SCALE: 1:4

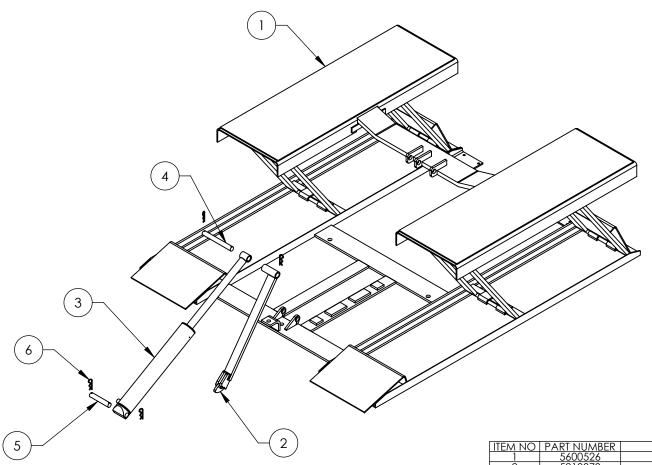
BendPak 1645 LEMONWOOD DR. SANTA PAULA, CA 93060

NOTE: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY 5245233

	REVISION			
REV	DESCRIPTION	DATE	<b>EDITED BY</b>	ECO#
G	UPDATED BOM REVISIONS	09/18/2015	JM	00726
Н	UPDATED BOM REVISION	12/11/2015	JM	00721
J	UPDATED BOM REVISION	03/21/2016	TM	00753



# **NOTE: UNLESS OTHERWISE SPECIFIED.**

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

IIEM NO	PARI NUMBER	DESCRIPTION	QIY	KEV
1	5600526	LR-60/60P LIFT WELDMENT	1	Н
2	5210373	LR-60/60P SAFETY BAR ASSEMBLY	1	В
3	5502135	CYLINDER ASSEMBLY Ø3.0 X 18	1	$\cup$
4	5746587	UPPER HINGE PIN	1	Α
5	5746586	LR-60/60P LOWER CYLINDER CLEVIS PIN	1	Α
6	5505350	MODEL#211 HAIR PIN/ LARGE	4	-

 DO NOT SCALE DRAWING
 NAME
 DATE

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 TM
 10/04/2010

 CHECKED
 DB
 06/29/2016

 DIMENSIONS ARE IN MM
 THIRD ANGLE PROJECTION

NEXT ASSEMBLY 5260167 5260168 PROPRIETARY AND CONFIDENTIAL
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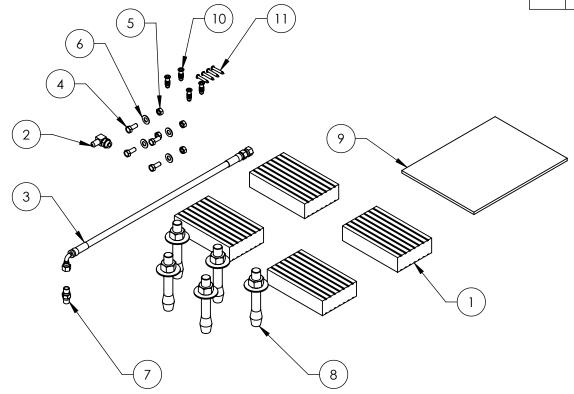
TITLE: LR-60/60P LIFT SUPERSTRUCTURE

SIZE DWG. NO. REV

**A** 5245233

SCALE: 1:20 SHEET 1 OF 1

	REV	DESCRIPTION	DATE	<b>EDITED BY</b>	ECO#
	Е	ADDED 5905721, REMOVED 5905760	10/24/2014	TM	00654
	F	REMOVED 5900151, 5905135, 5905465, 5905204, 5905940, 5930790, 5905176,5905240 & 5930609, UPDATED BOM REVISION	09/18/2015	ML	00726
	G	REPLACED 5545012 WITH 5545021, REPLACED 5570013 WITH 5570082, ADDED 5535119, ADDED 5530201, UPDATED BOM, UPDATED NEXT ASSEMBLY	10/03/2016	TS	00781



ITEM NO	PART NU	∧BER		DES	CRIPT	ION		QTY	REV
	530084	45 l	_R-60/6	0P, P-6 38	mm (	1.5") RUBBER	PAD	4	Α
2	555010	03		FTG ELB -	04 JIC	C-06 ORB		1	-
3	557008	32	HC	OSE ASSY (	Ø6.4 х	: 2873mm SE	3	1	Α
4	553030	04		HHB №	8 x 1.2	25 x 20		4	-
5	553500	01		NUT N	л8 x 1.	.25 NL		4	Α
6	554502	21		WASHER	M8 x 9	Ø20 FLAT		4	-
7	555014	47		FTG NPL -	04 JIC	x -04 NPT		1	-
8	55304	56		AB 3/	4" x 4	- 3/4"		5	-
9	59003	37	LR-60	0/60P INS	ALLA	TION MANU	AL	1	-
10	55351	19	M5	x 30mml	. FLOC	DR ANCHOR	2	4	В
11	553020	01	_	RHPS N	И5 x 3	32mmL		4	В
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DRAWN 10/04/2010 CHECKED CA 09/28/2015

DIMENSIONS ARE IN MM

THIRD ANGLE PROJECTION

LR-60 PARTS BOX

PROPRIETARY AND CONFIDENTIAL
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PROHIBITED.

SIZE DWG. NO. 5250021

G SCALE: 1:8 SHEET 1 OF 1

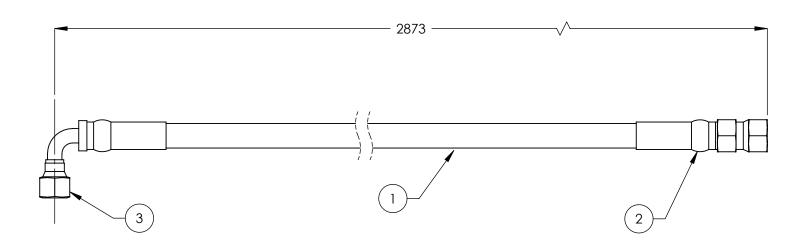
REV

NEXT ASSEMBLY 5260167

NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

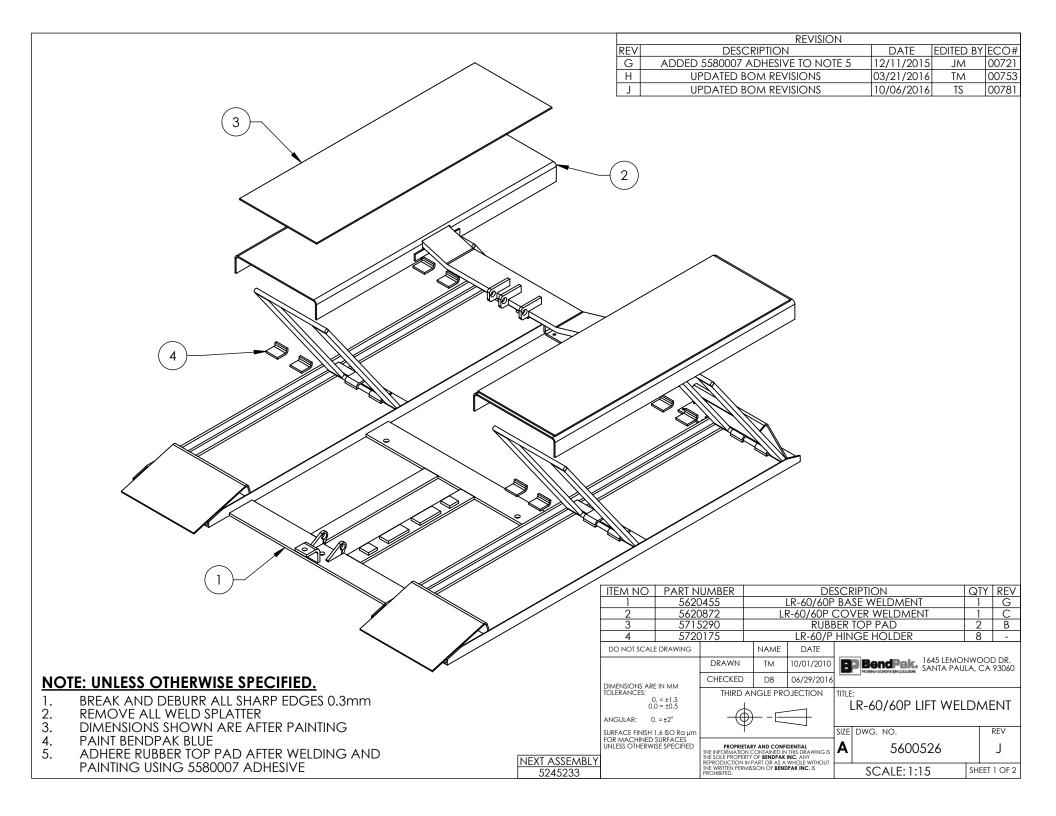
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REV	DESCRIPTION	DATE	EDITED BY	ECO#
Α	DERIVED FROM 5570013, PRODUCTION RELEASE	10/05/2016	TS	00781

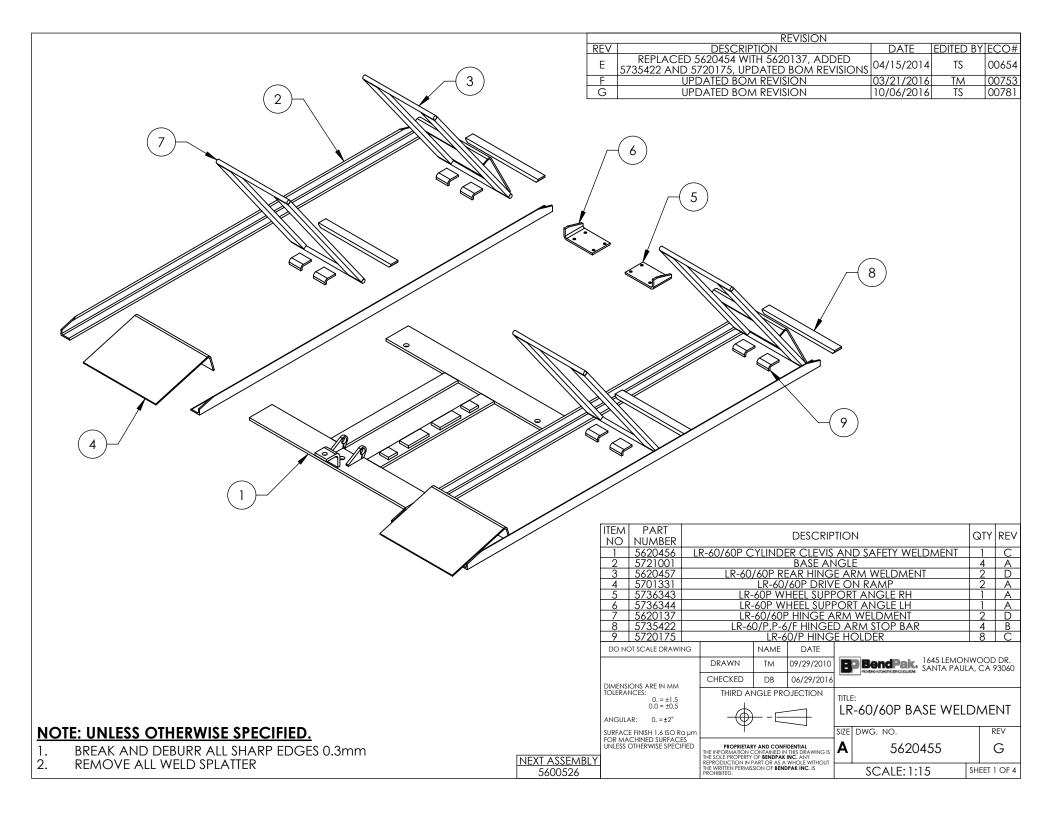


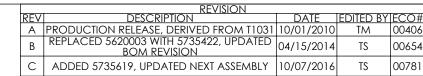
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	2 5550325				FTG 1	<b>NPL Ø1/4</b>	CR	MP x -04 JIC	1		-
	3	5550	345		FTG I	ELB Ø1/4	CRI	MP x -04 JIC	1		-
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	SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THE INFORMA THE SOLE PRO	TION C	OF BENDPAK I	THIS DRAWING IS	Α	5570082	<u>.</u>		Α
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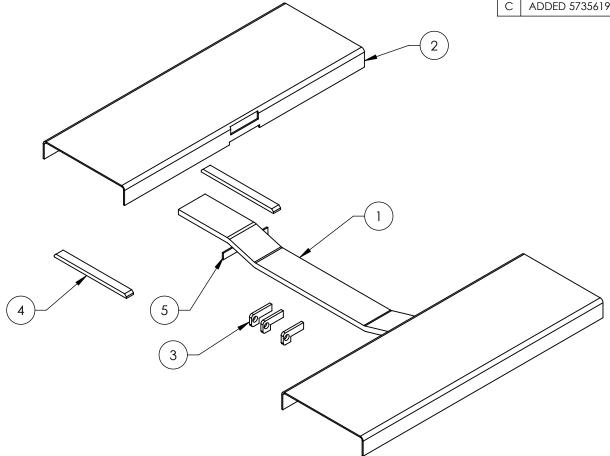
NOTE: UNLESS OTHERWISE SPECIFIED.

1. ITEM 1 SPECIFICATIONS ARE FOUND ON PART SPECIFICATION FORM
2. (\*)HOSE LENGTH PROVIDED FOR REFERENCE ONLY









ITEM NO	PART NUMBER		DESCRIPTION						REV
1	5736342			LR-	-60/60P P	USH	IBAR	1	Α
2	5701333		LR-60/60P RAMP COVER						Α
3	5736338			LR-	60/60P TC	)P (	CLEVIS	3	Α
4	5735422		LR-60	0-9, 9/C	/F HINGE	DΑ	RM STOP BAR	4	В
5	5735619		LR-60/	60P CC	OVER REIN	<b>NFO</b>	RCEMENT STRIP	2	Α
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SHEET 1 OF 2

5620872

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# NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm REMOVE ALL WELD SPLATTER



BENDPAK Number:	5900337
MRP Description:	LR-60/60P INSTALLATION MANUAL
Date:	12/28/2010
ECO:	00431

# 1. Engineering Specification

# **Application:**

INSTALLATION MANUAL

# **Detailed Description:**



PLEASE READ THE ENTIRE CONTENTS OF THIS MANUAL PRIOR TO INSTALLATION AND OPERATION. BY PROCEEDING YOU AGREE THAT YOU FULLY UNDERSTAND AND COMPREHEND THE FULL CONTENTS OF THIS MANUAL FORWARD THIS MANUAL TO ALL OPERATORS. FAILURE TO OPERATE THIS EQUIPMENT AS DIRECTED MAY CAUSE INJURY OR DEATH.

# INSTALLATION AND OPERATION MANUAL

6,000 POUND CAPACITY LOW RISE LIFT MODELS: LR-60 LR-60P





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

# SHIPPING DAMAGE CLAIMS

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.

## BE SAFE

BE SAFE
Your new lift was designed and built with safety in mind.
However, your overall safety can be increased by proper training and thoughtful operation on the part of the operator.
Do NOT operate or repair this equipment without reading this manual and the important safety instructions shown



1645 Lemonwood Dr.
Santa Paula, CA. 93060, USA
Toll Free 1-800-253-2363
Tel: 1-805-933-960
Fax: 1-805-933-9160
www.bendpak.com

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



BENDPAK Number:	5905135
MRP Description:	CAUTION ALI/WL 300CSW
Date:	12/28/2010
ECO:	00431

# 1. Engineering Specification

# Application:

ALI SCISSOR LIFT STICKER





Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



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.

PN 593017

# 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

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



BENDPAK Number:	5905204
MRP Description:	BENDPAK LABEL
Date:	09/16/2015
ECO:	00715

# 1. Engineering Specification

# **Application:**

BENDPAK LABEL

# **Detailed Description:**



Material: Clear Adhesive PET Size: 16"W x 3"H

Size: 16"W x 3"F 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

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



BENDPAK Number:	5905240
MRP Description:	WARNING TO RAISE LIFT
Date:	10/24/2014
ECO:	00654

# 1. Engineering Specification

# **Application:**

# OPERATION INSTRUCTIONS

# **Detailed Description:**

SIZE: 13.5" L x 4.25" W (343mm x 108mm)

- 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

# **AWARNING**

Read and understand all safety warning and operation procedures before using lift. Keep hands and feet clear from moving parts. **OPERATION INSTRUCTIONS** 

# TO RAISE LIFT:

- Clear area of personnel and make sure lift is in full lowered position.
- Drive vehicle over lift making sure center line of the vehicle is positioned properly over lift pads.
- Position lift pads underneath the vehicle making sure that they make secure contact with the factory recommended lifting points.

   Push the LOWERING handle until the lift starts to descend. Stay clear of lift area.

  Culturate the Lowering handle until the lift starts to descend.
- Before raising, make sure the weight of the vehicle does not exceed rated capacity of lift.
- · Push the RAISE button to commence lifting.
- Stop then check if vehicle is secure and the lifting pads are still in contact with the frame.
- Raise lift until the vehicles tires clear the floor.

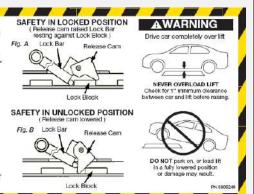
- · Continue raising vehicle to desired height.
- Raise until the safety lock bars drop into the LOCKED position as described on Fig. A
- Raise the lift to the desired height then lower the lift until the LOCK BARS rests against the LOCK BLOCK.

# TO LOWER LIFT:

- · Clear area before lowering lift.
- · Raise the lift until the release cam drops into the UNLOCKED position as described on Fig. B
- Fully lower the lift and remove all lifting adapters before driving vehicle away.

# **▲WARNING**

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



Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



Santa Paula, CA USA www.bendpak.com

MODEL NUMBER

SERIAL NUMBER

PN 5905285

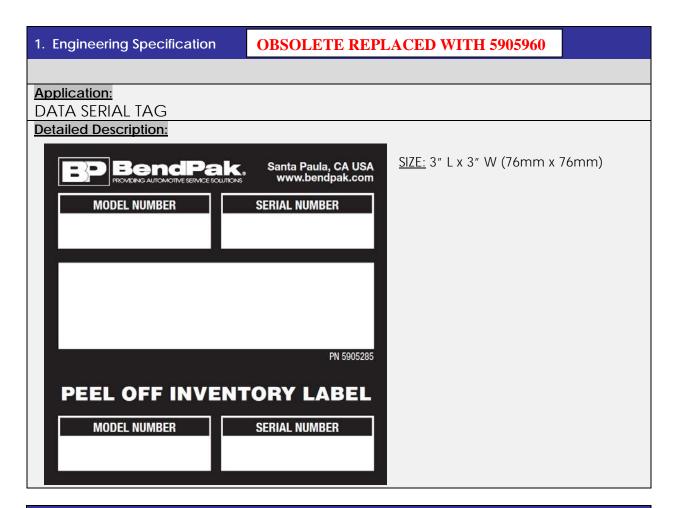
# PEEL OFF INVENTORY LABEL

MODEL NUMBER

**SERIAL NUMBER** 



BENDPAK Number:	5905285
MRP Description:	SERIALTAG EXTERIOR PEEL OFF INVENTORY LABEL
Date:	03/07/2016
ECO:	00743



2. Vendor Information			
Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			

### MFD. BY BENDPAK INC.

LIFT TYPE: SURFACE MOUNT C

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



BENDPAK Number:	5905465
MRP Description:	MANUFACTURER LABEL
Date:	05/07/2013
ECO:	00593

# 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 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

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

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



BENDPAK Number:	5905721
MRP Description:	WARNING MAX LIFTING CAP 6000LBS/2722 KG LABEL
Date:	10/24/2014
ECO:	00654

# 1. Engineering Specification

# **Application:**

LIFT CAPACITY STICKER

# **Detailed Description:**

SIZE: 8" L x 3.75" W (203mm x 95mm)

- Material: White Vinyl Pressure Sensitive Adhesive
- Thickness: 4 Mil
- 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

# Maximum Lifting Capacity 6,000 lbs. / 2722 kg

# **A** WARNING!



Maximum Lifting Capacity 6,000 lbs. / 2722 kg

FAILURE 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 below before operating this equipment.

- ✓ Never exceed the rated capacity of the lift
- ✓ Do not operate the lift if any component is found to be defective or worn
- $\checkmark$  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 site 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

DN 5005721

2. Vendor Information			
Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



SANTA PAULA, CA USA WWW.BENDPAK.COM

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



BENDPAK Number:	5905940
MRP Description:	PRODUCT DATA LABEL
Date:	05/06/2013
ECO:	00593

# 1. Engineering Specification

# Application:

PRODUCT DATA LABEL

# **Detailed Description:**



SANTA PAULA, CA USA WWW.BENDPAK.COM

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 6488 - 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

<u>SIZE:</u> 2.3" L x 4.5" W (58mm x 114mm)

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



BENDPAK Number:	5905951
MRP Description:	2015_SERIAL_TAG-B-5905951
Date:	07/19/2016
ECO:	00752

1. Engineering Specification	
Application:	
DATA SERIAL TAG	
<u>Detailed Description:</u>	CI7E 28 L 28 M /7 / Occup 7 / Occup.
BP BendPak. Santa Paula, CA USA www.bendpak.com  MODEL NUMBER	<u>SIZE:</u> 3" L x 3" W (76.2mm x 76.2mm)
SERIAL NUMBER	
LIFT CAPACITY DESCRIPTION	
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	

# 2. Vendor Information (Or for Reference)

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor	
1)				
2)				
OR BENDPAK ENGINEERING APPROVED EQUIVALENT				



# **MODEL NUMBER**

# **SERIAL NUMBER**

LIFT CAPACITY

DESCRIPTION

OLTAGE	01	I	Ά	G	E	
--------	----	---	---	---	---	--

- 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.



Disconnect Power Before Servicing



BENDPAK Number:	5905970
MRP Description:	LR-60_Packaging_Label
Date:	01/06/2016
ECO:	00736

# 1. Engineering Specification

# **Application:**

PACKAGING LABEL

# **Detailed Description:**

SIZE: 8" (203mm) W x 3.75" (95mm) 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)

	Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)				
2)				
OR BENDPAK ENGINEERING APPROVED EQUIVALENT				

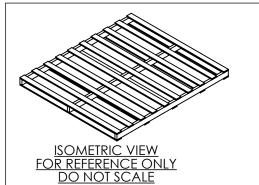


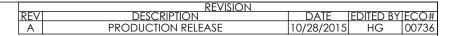
# Low-Rise Car Lift LR-60

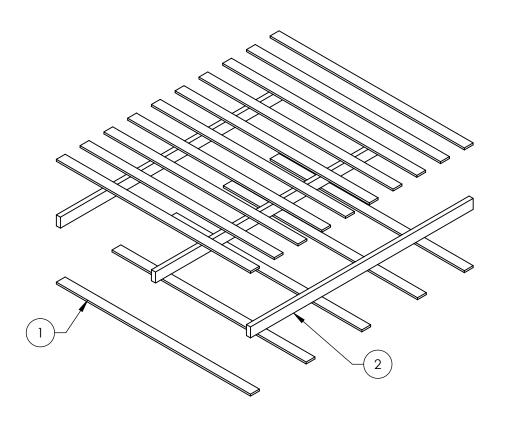


# CAPACITY

- Tow handle makes it easy to move lift
- ✓ Multi-position safety locks
- Heavy-duty steel channel frame
- Dropped cross bar for added clearance

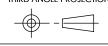






ITEM NO	PART N	UMBER	DESCRIPTION			QTY	REV
1	5940007-1		LR-60/60P SLAT, 1816 x 82.5 x 16mm		15	A	
2	5940007-2		LR-60,	/60P RUN	NER, 2083 x 89 x 38mm	3	Α
DO NOT SCALE	E DRAWING		NAME	DATE			

DRAWN 12/31/2015 CHECKED CA 01/08/2016 DIMENSIONS ARE IN MM 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.

LR-60/60P PALLET ASSEMBLY REV 940007

BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060

SIZE	DWG. NO.
Α	594000
	SCALE: 1:25

Α SHEET 1 OF 2

ASSEMBLE AS SHOWN **MATERIAL:** HARDWOOD

NEXT ASSEMBLY 5260167 5260168

# **AWARNING**

Read and understand all safety warning and operation procedures before using lift. Keep hands and feet clear from moving parts.

# **OPERATION INSTRUCTIONS**

# TO RAISE LIFT:

- Clear area of personnel and make sure lift is in full lowered position.
- Drive vehicle over lift making sure center line of the vehicle is positioned properly over lift pads.
- Position lift pads underneath the vehicle making sure that they make secure contact with the factory recommended lifting points.
- Before raising, make sure the weight of the vehicle does not exceed rated capacity of lift.
- Push the RAISE button to commence lifting.
- Raise lift until the vehicles tires clear the floor.
- Stop then check if vehicle is secure and the lifting pads are still in contact with the frame.

- Continue raising vehicle to desired height.
- Raise until the safety lock bars drop into the LOCKED position as described on Fig. A
- Raise the lift to the desired height then lower the lift until the LOCK BARS rests against the LOCK BLOCK.

# TO LOWER LIFT:

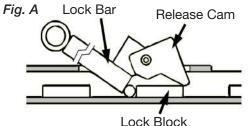
- Clear area before lowering lift.
- Raise the lift until the release cam drops into the UNLOCKED position as described on Fig. B
- Push the LOWERING handle until the lift starts to descend. Stay clear of lift area.
- Fully lower the lift and remove all lifting adapters before driving vehicle away.

# **AWARNING**

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

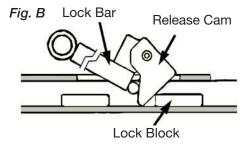
# SAFETY IN LOCKED POSITION

( Release cam raised Lock Bar resting against Lock Block )



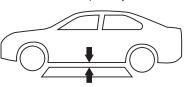
# SAFETY IN UNLOCKED POSITION

(Release cam lowered)



# **AWARNING**

Drive car completely over lift



# **NEVER OVERLOAD LIFT**

Check for 1" minimum clearance between car and lift before raising.



**DO NOT** park on, or load lift in a fully lowered position or damage may result.

PN 5905240

# **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

# **Maximum Lifting Capacity** 6,000 lbs. / 2722 kg

# WARNING!



**Maximum Lifting Capacity** 6,000 lbs. / 2722 kg

# FAILURE 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 below before operating this equipment.

- ✓ 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 site 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

PN 5905721



# 2016 NON-CE 4 Post Lifts Colors & Graphics

# **MODELS:**

HD-9SW HDS-40 HD-9SWX HDS-40X HD-14T HD-9AE

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**



B





Ali\_4\_Post\_labels.pdf: (Order Labels from ALI)

# **Total of 4**

PN 5905311

# 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 (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

# 4\_Post\_Safety\_Decal.pdf:

Size: 4"W x 23"H

Material: White Vinyl Pressure Sensitive Adhesive

PN 5905556

Thickness: 4 Mil

Ink: U.V. protected CMYK 2/C Process

Finish: Polished

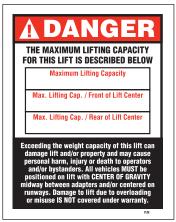
Print Process: Offset Lithography - 200 line-screen

or 300 p.p.i. for digital

Lamination: Clear-gloss over-laminate for abrasion, chemical, and ultra violet protection

# **4 Post Lifts Product Decal Positioning**





P/N 5905401 - Max Cap. Danger 7k P/N 5905695 - Max. Cap. Danger 7500 P/N 5905402 - Max Cap. Danger 9k P/N 5905557 - Max. Cap. Danger 14K P/N 5905406 - Max Cap. Danger 18k P/N 5905407 - Max. Cap. Danger 27K P/N 5905408 - Max. Cap. Danger 35K

P/N 5905409 - Max. Cap. Danger 40K

\*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

MAXIMUM LIFTING CAPACITY Lbs. Kg.

P/N 5905645 - NRTL\_Lifting\_Cap\_Label\_7K
P/N 5905700 - NRTL\_Lifting\_Cap\_Label\_7500
P/N 5905650 - NRTL\_Lifting\_Cap\_Label\_9k
P/N 5905665 - NRTL\_Lifting\_Cap\_Label\_14k
P/N 5905675 - NRTL\_Lifting\_Cap\_Label\_18k
P/N 5905680 - NRTL\_Lifting\_Cap\_Label\_27k
P/N 5905685 - NRTL\_Lifting\_Cap\_Label\_35K
P/N 5905690 - NRTL\_Lifting\_Cap\_Label\_40K

# \*NRTL\_Lifting\_Cap\_Label\_.pdf:

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

# \*DEPENDS ON LIFT MODEL AND CAPACITY



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



PN 5905952

# 2015\_Serial\_Tag-C-5905952.jpg:

Size: 3"W x 3"H

Material: Material: 2 Mil. Matte Silver Polyester

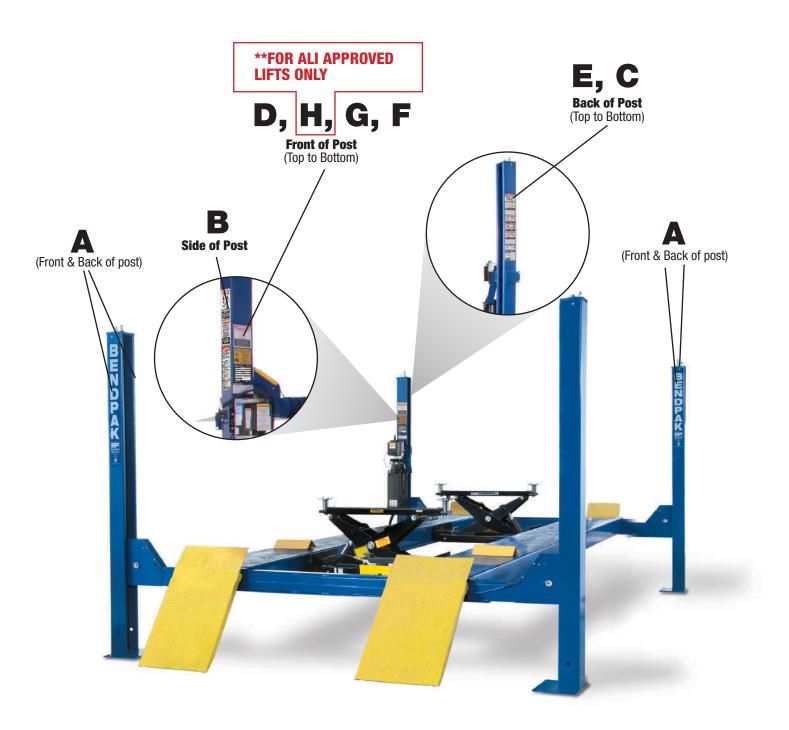
(Flex-PSE)

Print using thermal transfer printer with resin ribbon

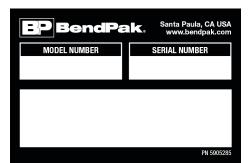
Ink: 1 Color-Black



# **4 Post Lifts Product Decal Positioning**



# **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

# PEEL OFF INVENTORY LABEL

SERIAL NUMBER

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





MFD. BY BENDPAK INC.

LIFT TYPE: SURFACE MOUNT CAPACITY: MED/HVY DTY ANCHORS: AS EQUIPPED POWER: ELECTRIC/HYDRAULIC 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:
BENDRAK 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 UNITOR BUILDING CODE (UBC) AND/OR
INTERNATIONAL BUILDING CODE (BC).



INTERNAL BAR CODE - FOR FACTORY AUDIT ONLY 34086

BPK STYOT POOKUR 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

# **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