# Service Manual

**SERVICE PARTS & DIAGRAMS** 

**BENDPAK** 

P-6FB

PRODUCT SKU **5175026** 

DRAWING Nº

5260281

**CATEGORY** 

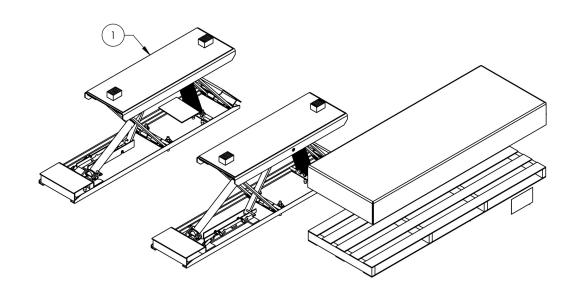
**Open Center Pit Lift** 

REV

**Version AF** 

DATE

12.09.2022



## BendPak.

This guide is a troubleshooting reference used for maintaining and servicing your Bend Pak 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

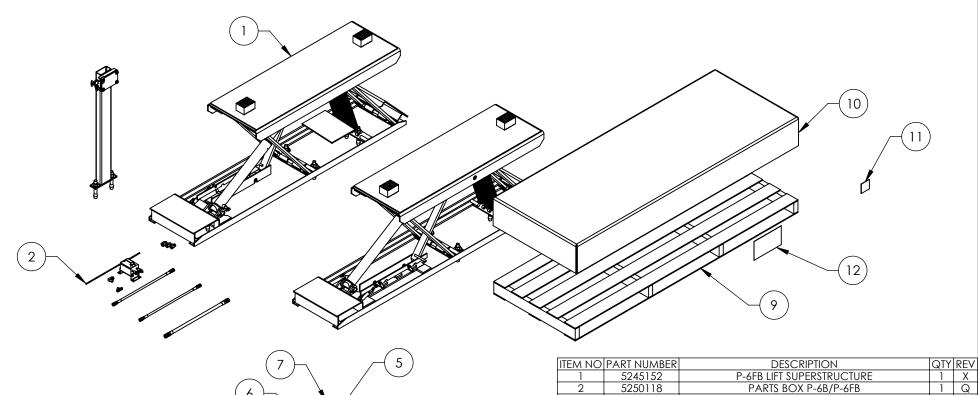
#### **Domestic Sales & Service**

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 Dept: 1-805-933-9970 EXT. 192 Ext. Toll Free US/Canada: 1-800-253-2363 Fax: 1-805-933-9160 bpkexports@bendpak.com

	REVISION			
REV	DESCRIPTION	DATE	<b>EDITED BY</b>	ECO#
AD	REMOVED 5905135, UPDATED BOM REVISION	12/07/2017	TM	00913
ΑE	UPDATED BOM REVISION	09/18/2018	TM	00996
AF	UPDATED BOM REVISION	03/29/2019	CA	01067



IIEM NO	PARI NUMBER	DESCRIPTION	WIY	KEV
1	5245152	P-6FB LIFT SUPERSTRUCTURE	1	Х
2	5250118	PARTS BOX P-6B/P-6FB	1	Q
3	5905204	BENDPAK LABEL	1	
4	5905465	MANUFACTURER LABEL	1	
5	5905940	PRODUCT DATA LABEL	1	
6	E00E0E1	2017_SERIAL_TAG-B-5905951-VERTICAL-NO	1	
	5905951	BLEED	<b>⊢</b> _	-
/	5905176	WARNING TO PROLONG LIFE		
8	5905813	OPERATION INSTRUCTION, WARNING LABEL	1	
9	5940006	P-6B/FB PALLET ASSEMBLY	1	Α
10	5781007	P-6B/FB CARRIER BOX	1	Α
11	5905285	SERIALTAG EXTERIOR PEEL OFF INVENTORY LABEL	1	
12	5905963	P-6FB_PACKAGING_LABEL	1	
DO NOT SC	ALE DRAWING	NAME DATE		_

			57.112
	DRAWN	AC	09/01/2009
DIMENSIONS ARE IN MM	CHECKED		
OLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 0.	THIRD AT	NGLE PRO	DJECTION
OR MACHINED SURFACES INLESS OTHERWISE SPECIFIED	PROPRIETAR	Y AND CONFI	

1645 LEMONWOOD DR. SANTA PAULA, CA 93060 ON TITLE:

#### P-6FB PRODUCTION LIFT VER C

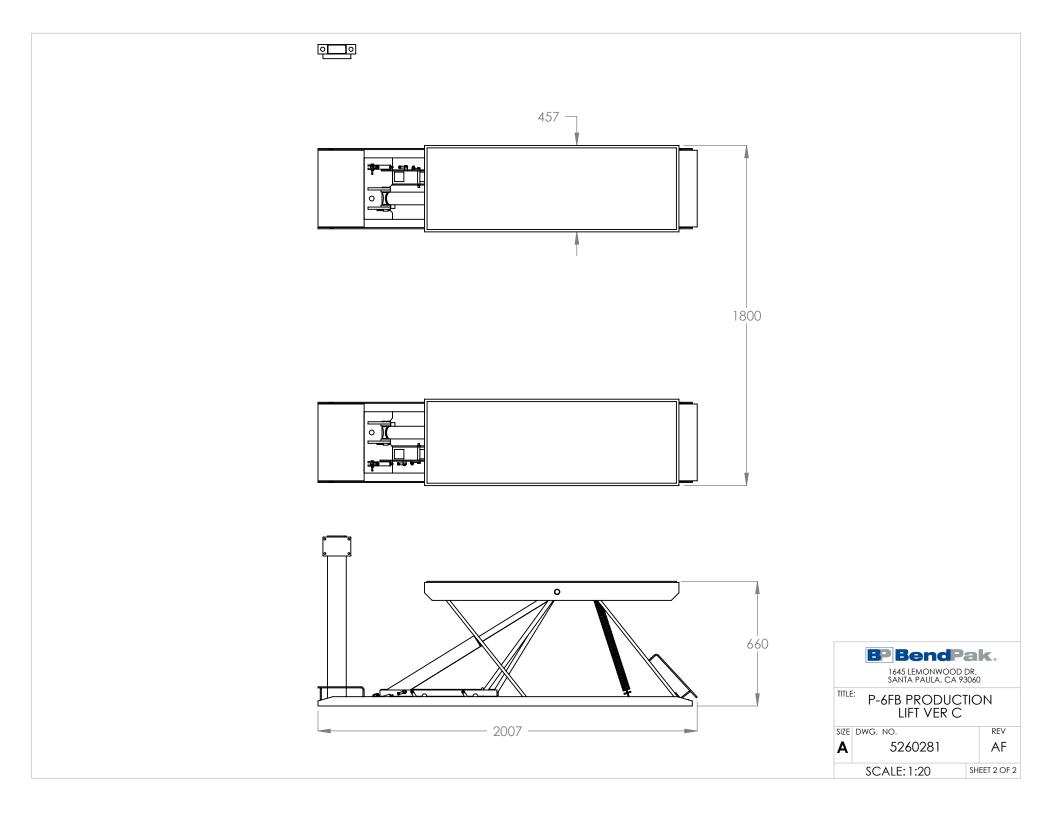
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDRAL INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHBITED.

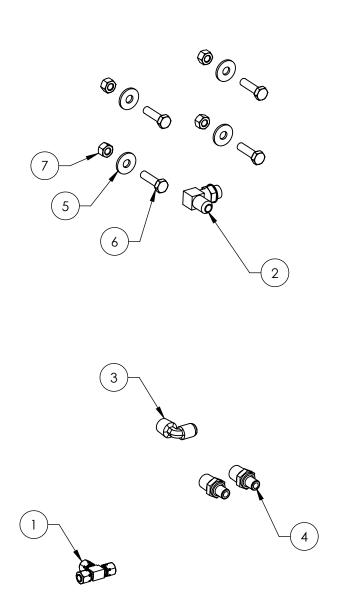
SIZE DWG. NO. REV 5260281 ΑF

> SCALE: 1:25 SHEET 1 OF 2

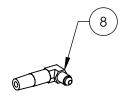
#### **NOTE: UNLESS OTHERWISE SPECIFIED.**

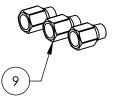
- SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING ALL LABELS TO BE APPLIED AFTER PAINTING SEE ATTACHED LABEL PLACEMENT SHEET
- 2.
- 3.





	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
D	REPLACED 5550489 WITH 5550395	10/30/2013	TM	00593
Е	ADDED 5550201, UPDATED NEXT ASSEMBLY	07/14/2017	TM	00852
F	REPLACED 5550201 WITH 5550142	12/07/2017	TM	00913







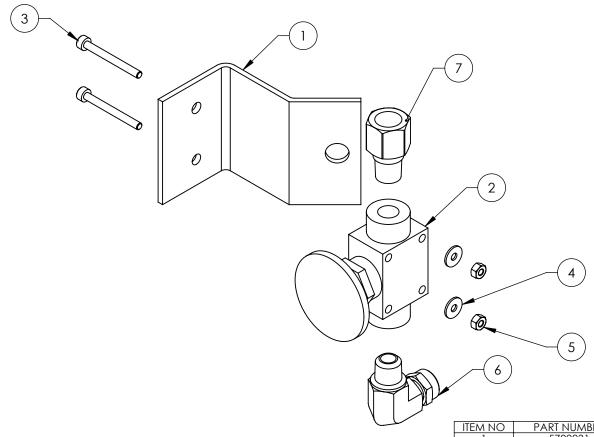
L	ITEM NO	PART NU	MBER			DES	CRI	PTION	QTY	IREV
	]	55503	395	FTC	G TEE -(	04 COMP	x -C	14 COMP x -04 COMP	1	-
	2 5550183				FTG ELB -06 JIC -06L ORB					-
	3 5550550				FTG ELB -			JIC -06 NPT	1	-
Γ	4	55501	00			FTG NPL -	04 .	IIC x -06 NPT	2	-
	5	55453	340			WASHE	RM	8 x24 FLAT	4	-
	6	55300	)50			HHB №	18 x	1.25 x 30	4	-
	7	55350	001			NUT N	<i>1</i> 8 х	: 1.25 NL	4	-
	8	55501	13		F	TG ELB -C	14 N	PT L x -04 JIC	2	-
L	9	<u>55501</u>	42		F	<u>[G NPL -0</u>	<u> 60</u>	<u>RB x -06 F NPT                                  </u>	3	-
	DO NOT SCALE DRAWING				NAME	DATE		<b>B</b> P BendPa	lle	
ſ			DRAW	Ν	AC	09/01/2009				
			CHECK	ECKED AW		12/18/2017		1645 LEMONWOOD DR SANTA PAULA, CA 9306		
	DIMENSIONS .	ARE IN MM	THIRD ANGLE PROJECTION				TITLE	:		
	(-	7	_	<del></del>				P-6B/6FB PARTS	SBA	G
	(;	. )		T			SIZE	DWG. NO.		REV
~	<u></u>	THE INFORMA	ATION C	OF BENDPAK	THIS DRAWING IS INC. ANY	Α	5174113		F	
					SION OF BENE	WHOLE WITHOUT PAK INC. IS		SCALE: 1:4	SHEET	1 OF 1

#### **NOTE: UNLESS OTHERWISE SPECIFIED.**

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

NEXT ASSEMBLY 5250118

	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
Е	REPLACED 5550481 WITH 5550087	10/29/2013	TM	00593
F	REPLACED 5590240 WITH 5590175, UPDATED NEXT ASSEMBLIES	05/05/2015	MR	00683
G	SWITCHED POSITIONS OF 5550087 AND 5550486, UPDATED NEXT ASSEMBLY	06/16/2016	TS	00765



L	IIEM NO	PAR	I NUMBER			Į	DESCRIPTION	QIY	REV
[	1	5	700031			ZERO AI	NGLE MTG BRACKET	1	С
I	2	5	590175			PUSH I	BUTTON AIR VALVE	1	В
I	3	5	530043			SHO	CS M3 x 0.5 x 30	2	-
Γ	4	5	545024			WA	SHER M3 x 9mm	2	-
Γ	5	5	535020			N	UT M3 x 0.5 NL	2	-
[	6	5	550087			FTG ELB	-04 COMP x -02 NPT	1	-
[	7	5	550486			FTG NP	L -02 NPT x -04 F NPT	1	-
Ī	DO NOT SCALE	DRAWING		NAN	۸E	DATE			

DRAWN AC 3/14/2008 CHECKED CA 09/02/2015 THIRD ANGLE PROJECTION DIMENSIONS ARE IN MM

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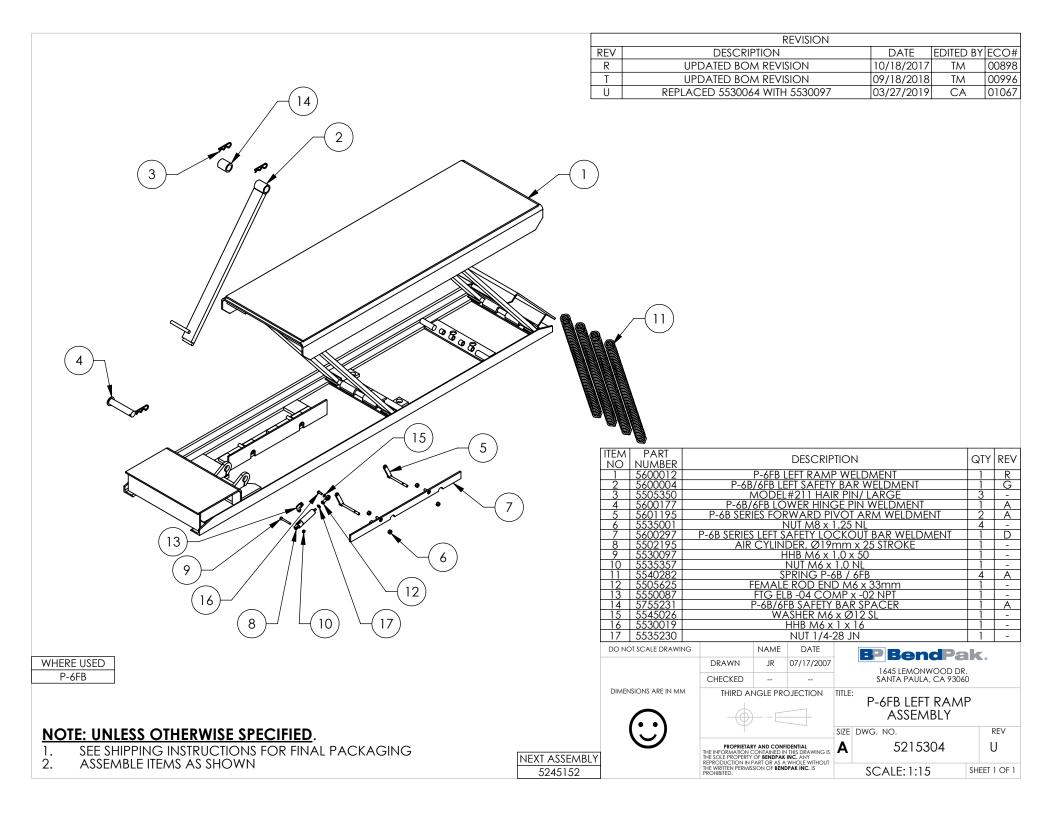
BPBendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060

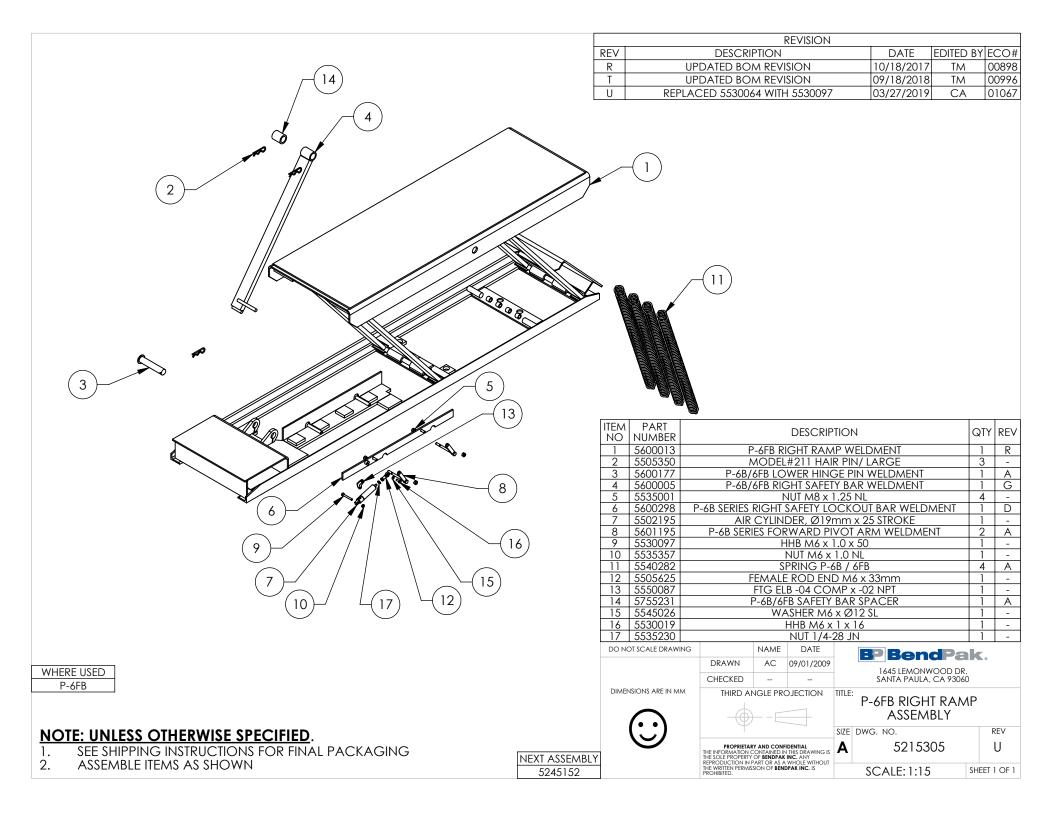
PUSH BUTTON AIR ASSEMBLY

SIZE DWG. NO. REV G 5215096 SCALE: 2:3 SHEET 1 OF 1

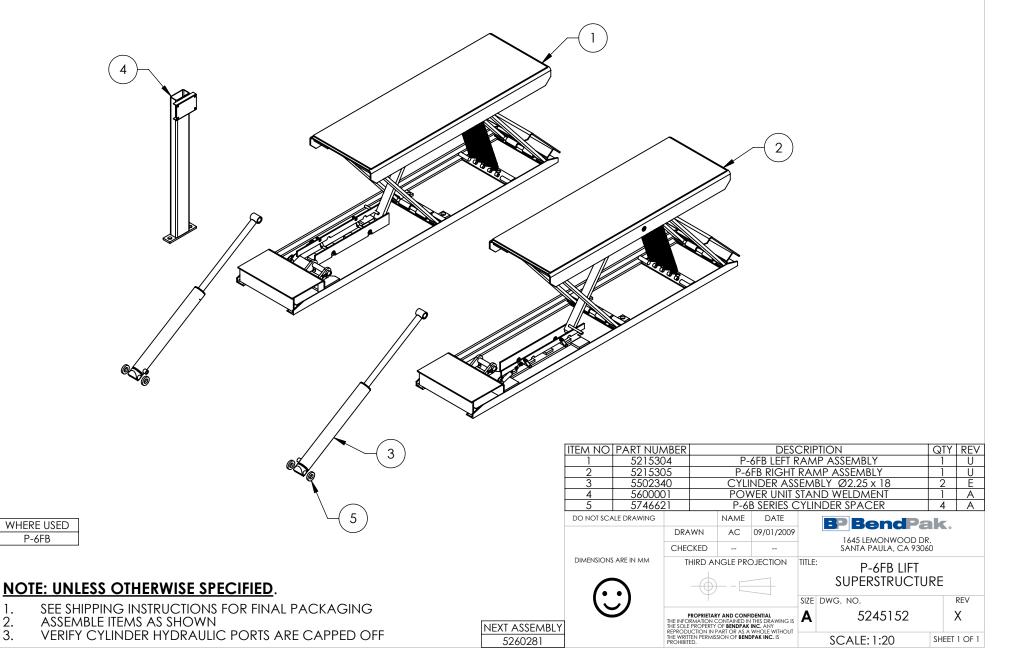
## NOTE: UNLESS OTHERWISE SPECIFIED. 1. ASSEMBLE ITEMS AS SHOWN





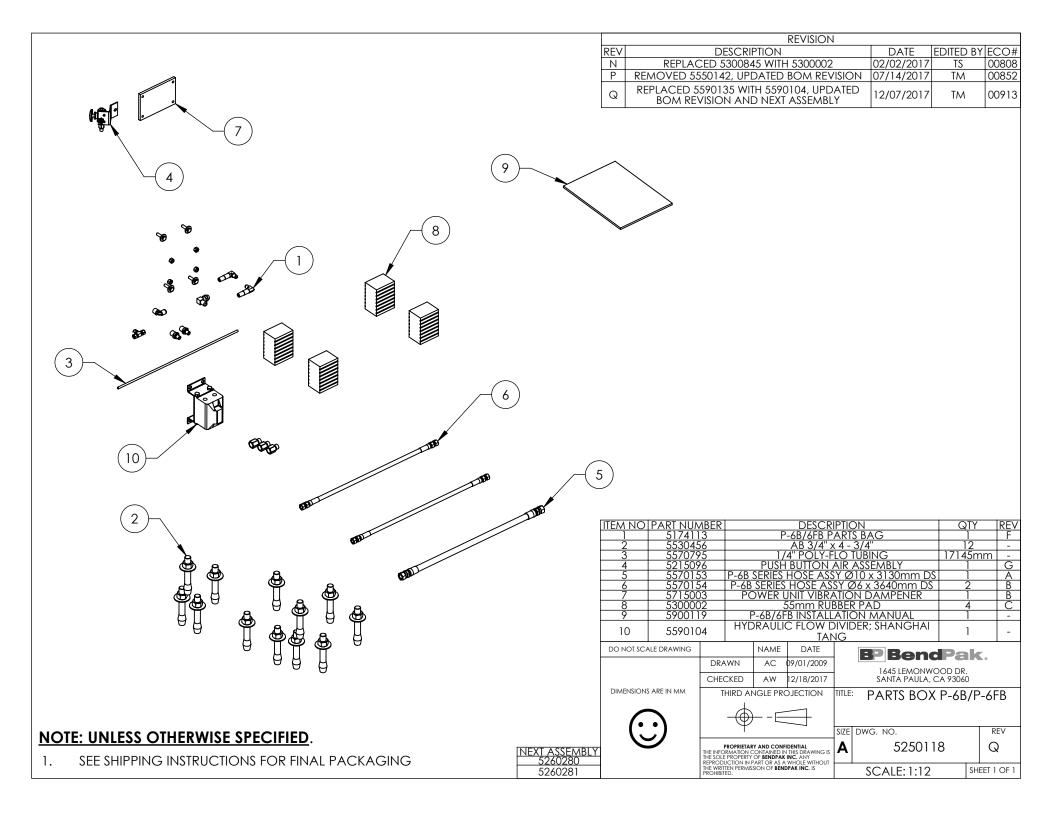


		REVISION			
	REV	DESCRIPTION	DATE	<b>EDITED BY</b>	ECO#
	<b>V</b>	UPDATED BOM REVISIONS	10/18/2017	TM	00898
	W	UPDATED BOM REVISION	09/18/2018	TM	00996
[	Χ	UPDATED BOM REVISIONS	03/27/2019	CA	01067



2.

3.





BENDPAK Number:	5570129
MRP Description:	1/4" HYDRAULIC HOSE 31 CL-0400X
Date:	05/24/2018
ECO:	00950

#### 1. Engineering Specification

#### **Application:**

1/4" HYDRAULIC HOSE

#### **Detailed Description:**

ONE or TWO BRAID STEEL WIRE HYDRAULIC HOSE

SIZE: 1/4" / 6mm I.D. MIN

0.53" / 13.4mm O.D. MAX

SPECS: 5700PSI OR 393 BAR WORKING PRESSURE MINIMUM

17100PSI OR 1179 BAR MINIMUM BURST PRESSURE MINIMUM

3" / 80mm MIN BEND RADIUS

COLOR: BLACK

#### ADDITIONAL CONTACT INFORMATION:

Xin Yurong

Shandong Ningjin High Energy Hose Co., Ltd.

Tel: +86 534-5421821

No. 7, Taishan Rd., Industrial Park, Ningjin County, Shandong, China

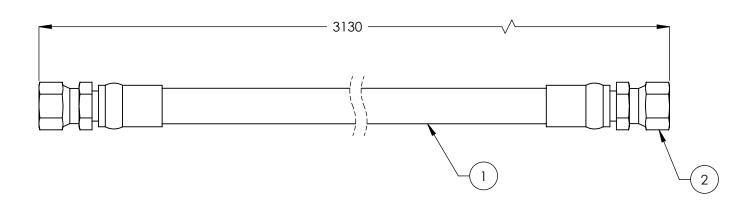


#### 2. Vendor Information (Or for Reference)

Approved Vendor	Vendor Part #	Contact #	AUTHORIZED COMPONENT PROVIDER
1) Ningjin Hydraulic Hose Co.	5570129	+86 534-5421821	х
2)			

#### OR BENDPAK ENGINEERING APPROVED EQUIVALENT

	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
Α	PRODUCTION RELEASE, DERIVED FROM	08/28/2009	AC	00294
	5570002			
A-001	UPDATED NEXT ASSEMBLY	07/24/2013	TM	00611



ITEM NO.	PART NU	ивеr			DESCR	IPTION	QTY.	REV
1	55701	16		Ø١	3092mm*			
2	555033	36		FTG	NPL -06 C	RIMP x -06 JIC	2	
DO NOT SCALE DRAWING				NAME	DATE			
DIMENSIONS ARE IN MM DRA			WN	AC	08/28/2009		EMONWOOD A PAULA, CA 9	

DO NOT SCALE DRAWING		NAME	DATE	
DIMENSIONS ARE IN MM TOLERANCES:	DRAWN	AC	08/28/2009	
0. = ±1.5 0.0 = ±1.0	CHECKED	MM	08/06/2013	
0.00 = ±0.25 0.000 = ±0.13	THIRD ANGLE PROJECTION			
ANGULAR: MACH ±2°				
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	+	=	$\exists$	

P-6B SERIES HOSE ASSY Ø10 x 3130mm DS

UNIESS OTHERWISE SPECIFIED		SIZ
MATERIAL:		JIL
==	PROPRIETARY AND CONFIDENTIAL	Λ
SIZE:	THE INFORMATION CONTAINED IN THIS DRAWING IS	М
	THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.	
	MATERIAL: IZE:	MATERIAL:    PROPRIETARY AND CONFIDENTIAL   ITEL

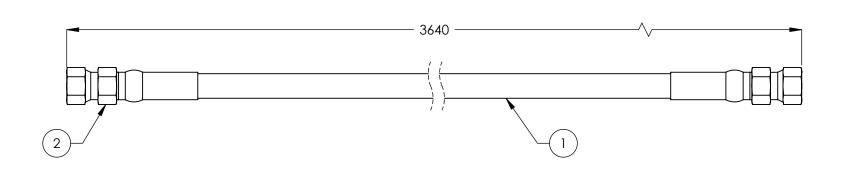
IZE DWG. NO. REV 5570153 SCALE: 1:2 SHEET 1 OF 1

Α

<u>NOIE:</u>	<u>UNLESS</u>	<u>OIHERWISE</u>	SPECIFIED.

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

	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
Α	PRODUCTION RELEASE, DERIVED FROM 5570001	08/28/2009	AC	00294
A-001	UPDATED NEXT ASSEMBLY	07/24/2013	TM	00611
В	REPLACED 5570110 WITH 5570126	09/21/2015	JM	00726



	ITEM NO	PART N	IUMBER	DESCRIPTION			QTY	REV
	1	5570	0129	Ø	6.4 ID HY[	3602mm*	-	
	2	5550325		FTG NPL Ø1/4 CRIMP x -04 JIC			2	-
ĺ	DO NOT SCALE DRAWING		NAME	DATE				

DRAWN AC 08/28/2009 DIMENSIONS ARE IN MM CHECKED CA 09/29/2015 TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 THIRD ANGLE PROJECTION ANGULAR: MACH ±2° SURFACE FINISH 1.6 ISO Ra µm

FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED PROPRIETARY AND CONFIDENTIAL
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P-6B SERIES HOSE ASSY Ø6 x 3640mm DS

BP BendPak 1645 LEMONWOOD DR. SANTA PAULA, CA 93060

SIZE DWG. NO. 5570154

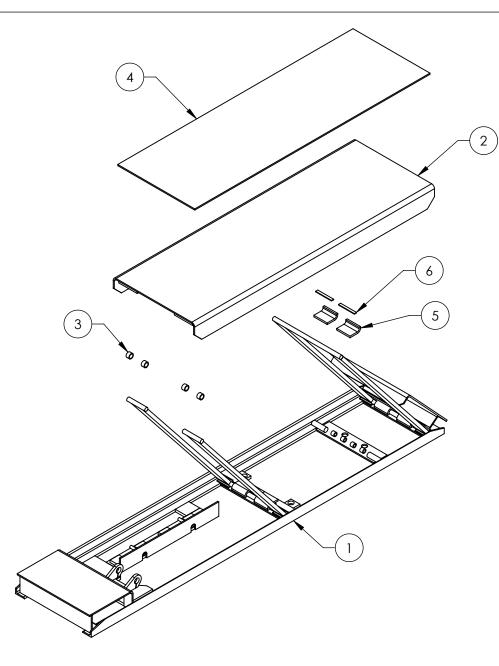
REV В **SCALE: 1:2** SHEET 1 OF 1

### NOTE: UNLESS OTHERWISE SPECIFIED.

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

2.

NEXT ASSEMBLY 5250118 5250249



		REVISION										
	REV	DESCRIPTION	DATE	<b>EDITED BY</b>	ECO#							
Ī	Р	REMOVED 5550011, UPDATED BOM REVISION	03/21/2016	TM	00753							
	Q	ADDED 5700321 & 5735553, UPDATED BOM REVISIONS	07/13/2017	TM	00852							
	R	UPDATED BOM REVISIONS	09/18/2018	TM	00996							

ITEM NO	PART NUM	1BER			DES	CRIPTIO	1		QTY	REV
1	562001	6		Р	-6FB LEFT	BASE WE	LDMENT		1	0
2	5620011			P-6B/6FB TOP PAD WELDMENT L.H.					1	D
3	575500	1	HINGE PIN RETAINER				4	Α		
4	571529	0		RUBBER TOP PAD					1	В
5	570032	1		LR-10000/P-6B HINGE HOLDER				2	C	
6 5735553			P-6B/6FB HINGE HOLDER SPACER			2	Α			
DO NOT SCALE DRAWING				NAME	DATE					

DRAWN JR 07/17/2007 CHECKED CA 10/19/2018 DIMENSIONS ARE IN MM TOLERANCES: THIRD ANGLE PROJECTION 0. = ±1.5 0.0 = ±0.5 ANGULAR:  $0. = \pm 2^{\circ}$ SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED

PROPRIETARY AND CONFIDENTIAL TRUPICIANT AND COMPIDENTIAL
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1645 LEMONWOOD DR. SANTA PAULA, CA 93060 P-6FB LEFT RAMP **WELDMENT** 

BP BendPak.

SIZE DWG. NO. REV 5600012 R

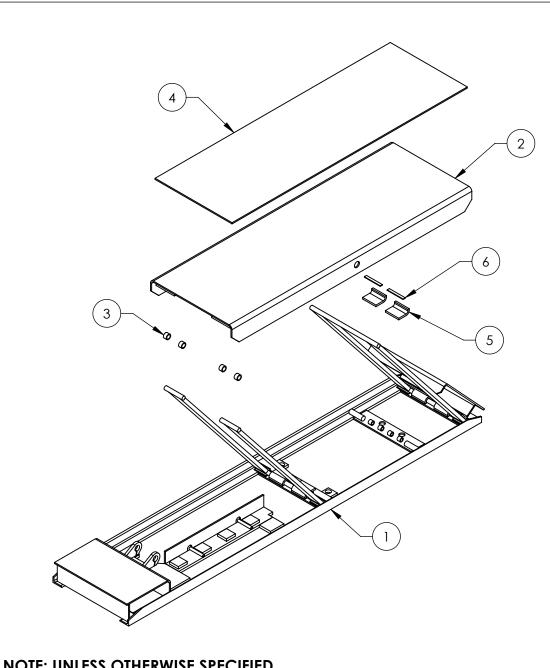
SHEET 1 OF 4

SCALE: 1:15

NEXT ASSEMBLY 5215304

#### **NOTE: UNLESS OTHERWISE SPECIFIED.**

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- 2. REMOVE ALL WELD SPLATTER
- 3. DIMENSIONS SHOWN ARE AFTER PAINTING
- 4. 5.
- PAINT BENDPAK GRAY (RAL-7024)
  ADHERE RUBBER PAD AFTER PAINTING USING 5580007 ADHESIVE



	REVISION										
REV	DESCRIPTION	DATE	EDITED BY	ECO#							
Р	REMOVED 5550011, UPDATED BOM REVISION	03/21/2016	TM	00753							
Ø	ADDED 5700321 & 5735553, UPDATED BOM REVISION	07/14/2017	TM	00852							
R	UPDATED BOM REVISIONS	09/18/2018	TM	00996							

ITEM NO.	PART NU	MBER		D	<b>ESCRIPT</b>	ION		QTY	REV
1	56200	)18		P-6FB RIG	HT BASE	WELDMENT		1	Ø
2	56200	)14	P-6	SB/6FB TO	P PAD V	VELDMENT R.I	H.	1	Д
3	57550	001		HING	E PIN RE	TAINER		4	Α
4	57152	290		RUE	BBER TOP	PAD		1	В
5	57003	321	L	_R-10000/	P-6B HIN	IGE HOLDER		2	C
6	6 5735553		P-	P-6B/6FB HINGE HOLDER SPACER			R	2	Α

DO NOT SCALE DRAWING NAME DATE DRAWN JR 07/17/2007 CHECKED CA 10/19/2018 DIMENSIONS ARE IN MM TOLERANCES:

THIRD ANGLE PROJECTION 0. = ±1.5 0.0 = ±0.5 ANGULAR:  $0. = \pm 2^{\circ}$ 

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

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1645 LEMONWOOD DR. SANTA PAULA, CA 93060 P-6FB RIGHT RAMP **WELDMENT** 

BP BendPak.

SHEET 1 OF 4

SIZE DWG. NO. REV 5600013 R

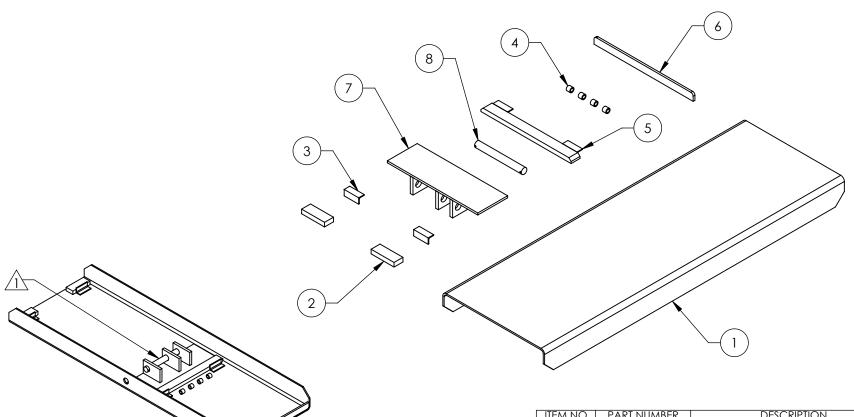
SCALE: 1:15

NEXT ASSEMBLY 5215305

<u>UVI</u>	IE. UNLESS	<u> UINEKW</u>	19E	<u>371</u>		<u>:ບ.</u>
1			A 1 1	CLIA	חם בם	$\sim$ $\sim$

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- 2. REMOVE ALL WELD SPLATTER
- 3. 4. 5. DIMENSIONS SHOWN ARE AFTER PAINTING
- PAINT BENDPAK GRAY (RAL-7024) ADHERE RUBBER PAD AFTER PAINTING USING 5580007 ADHESIVE

REVISION											
REV	DESCRIPTION	DATE	EDITED BY	ECO#							
В	ADDED Ø28 HOLE, UPDATED TITLE TO REFLECT WHERE USED	08/02/2012	TM	00538							
С	UPDATED BOM REVISION	04/21/2014	TS	00654							
D	5755002 DISTANCE WAS 35 NOW 39.5 pg 2	07/13/2017	TM	00852							



#### **NOTE: UNLESS OTHERWISE SPECIFIED.**

DO NOT WELD. MUST BE IN PLACE PRIOR TO WELDING. MUST ROTATE FREELY.
BREAK AND DEBURR ALL SHARP EDGES 0.3mm
REMOVE ALL WELD SPLATTER

ISOMETRIC VIEW FOR REFERENCE ONLY DO NOT SCALE

2. 3.

ITEM	NO	PART	NUMBER		DESCRIPTION			REV	
1		570	00003		TOP [	DECK / COVER	1	Α	
2		57:	35005		HINGE	arm small stop	2	Α	
3		5720205			HINGE	D ARM SPACER	2	Α	
4		5755002			SPRI	NG RETAINER	4	Α	
5	5 5620003 6 5735006 7 5620010				HING	GE ARM STOP	1	В	
6					COVE	/ER END SUPPORT 1			
7				L.	L.H. CLEVIS MOUNT WELDMENT 1				
8		57 <i>-</i>	46587		UPP	UPPER HINGE PIN 1 A			
DO NOT	SCALE	DRAWING		NAME	DATE	<b>BP Bend</b>			
			DRAWN	JR	10/02/2007			0	
	ONS ARE IN MM CHECKED			AW	8/1/2017	1645 LEMONWOOD DR. SANTA PAULA, CA 93060			
IOLEKANO	TOLERANCES: 0. = ±1.5 0.0 = ±0.5		1A DRIHT	NGLE PRO	DJECTION	TITLE:			
			.0 = ±0.5			P-6B/6FB TOP PAD			
ANGULAR		=±2°	l <del>⊕</del>	⊢-∈	ightharpoons	WELDMENT L.H.			

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SIZE DWG. NO.

5620011

SCALE: 1:12

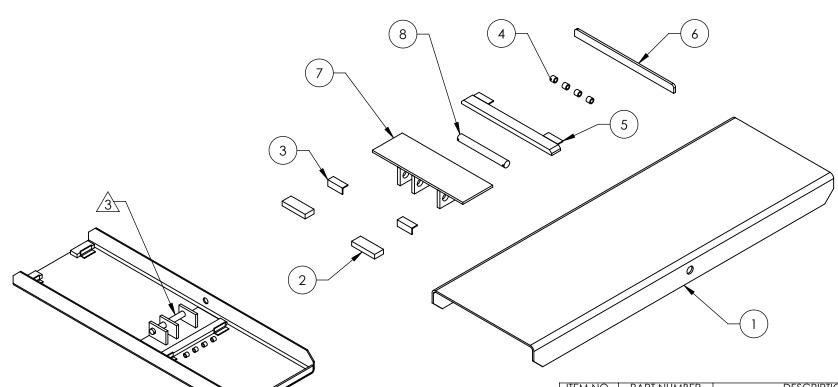
REV

D

SHEET 1 OF 3

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

	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
В	ADDED Ø28 HOLE, UPDATED TITLE TO REFLECT WHERE USED	08/02/2012	TM	00538
С	UPDATED BOM REVISION	04/21/2014	TS	00654
О	5755002 DISTANCE WAS 35 NOW 39.5 pg 2	07/13/2017	TM	00852



#### **NOTE: UNLESS OTHERWISE SPECIFIED.**

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

ISOMETRIC VIEW FOR REFERENCE ONLY DO NOT SCALE

2.

DO NOT WELD. MUST BE IN PLACE PRIOR TO WELDING. MUST ROTATE FREELY.

ITEM NO.	PART	NUMBER		DI	ESCRIPTION	QTY.	REV
1	570	00003		TOP [	DECK / COVER		Α
2	573	35005		HINGE /	arm Small Stop	2	Α
3	572	20205		HINGE	D ARM SPACER	2	Α
4	573	55002		<u> </u>	NG RETAINER	4	Α
5	5 5620003			HINGE ARM STOP		1	В
6	573	35006		COVE	R END SUPPORT	1	Α
7	562	20013	R.	H. CLEVIS	MOUNT WELDMENT	1	Α
8	574	46587		UPP	ER HINGE PIN	1	Α
DO NOT SCALE DRAWING			NAME	DATE	B <sup>P</sup> Bend		
		DRAWN	JR	10/02/2007			0
DIMENSIONS ARE I	IN MM	CHECKED	AW	8/1/2017	1645 LEMONWOOD E SANTA PAULA, CA 93		
	= ±1.5	THIRD AN	NGLE PRO	DJECTION	TITLE:		

 $0.0 = \pm 0.5$ ANGULAR: 0. = ±2°

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

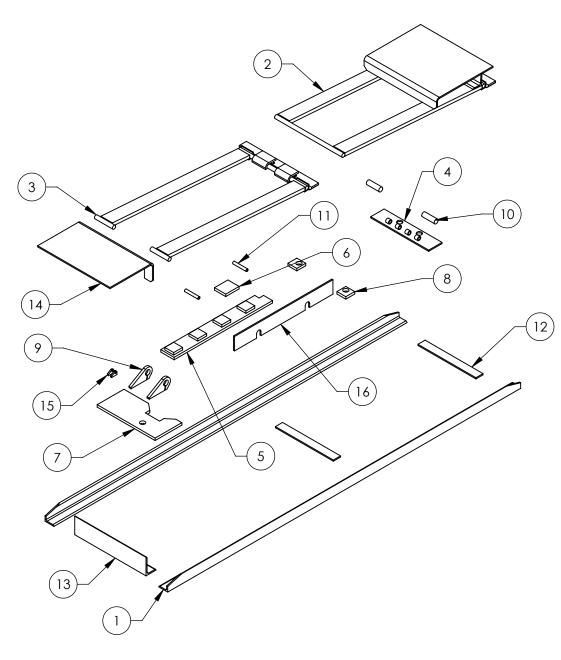
PROPRIETARY AND CONFIDENTIAL TRUPICIANT AND COMPIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS
THE SOLE PROPERTY OF BENDPAK INC. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT
THE WRITTEN PERMISSION OF BENDPAK INC. IS
PROHIBITED. P-6B/6FB TOP PAD WELDMENT R.H. REV

SIZE DWG. NO. 5620014

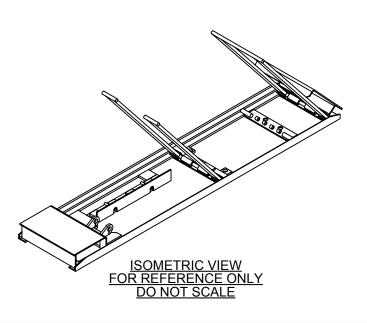
SCALE: 1:12

SHEET 1 OF 3

D



	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
N	UPDATED BOM REVISIONS	10/06/2016	TS	00781
Р	UPDATED BOM REVISION	07/13/2017	TM	00852
Q	UPDATED BOM REVISIONS	09/18/2018	TM	00996



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5721001	BASE ANGLE	2	Α
2	5620017	P-6FB FLUSH REAR HINGE WELDMENT		Н
3	5620006	P-6B/6FB ASYMMETRIC HINGE WELDMENT	1	Н
4	5620008	SPRING MOUNT WELDMENT	1	В
5	5620009	L.H. SAFETY STOP WELDMENT	1	В
6	5735003	SAFETY SUPPORT BAR	1	Α
7	5730001	CLEVIS SUPPORT PAD	1	В
8	5736002	BOLTING PAD / EYE	2	С
9	5730653	BOTTOM CYLINDER CLEVIS	2	В
10	5745002	LOAD RAMP HARD STOP	2	Α
11	5755003	P-6B/6FB SAFETY PIVOT TUBE	2	С
12	5735004	BASE STIFFENING STRIP	2	Α
13	5720001	FRONT SUPPORT ANGLE		Α
14	5700005	P-6FB L.H. DRIVE ON RAMP		В
15	5730005	AIR CYLINDER CLEVIS	2	Α
16	5736234	P-6B/6FB SAFETY GUIDE BAR	1	С

DO NOT SCALE DRAWING NAME DATE DRAWN 07/12/2007 CHECKED DIMENSIONS ARE IN MM TOLERANCES: CA 10/19/2018

THIRD ANGLE PROJECTION ANGULAR:  $0. = \pm 2^{\circ}$ 

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

PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTINUED 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. BP BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060

P-6FB LEFT BASE

**WELDMENT** 

SIZE DWG. NO. 5620016 SCALE: 1:15

TITLE:

SHEET 1 OF 3

REV

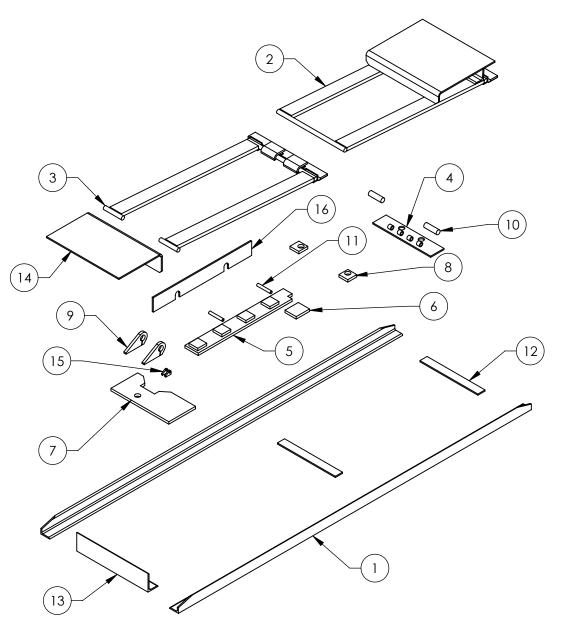
Q

## **NOTE: UNLESS OTHERWISE SPECIFIED.**

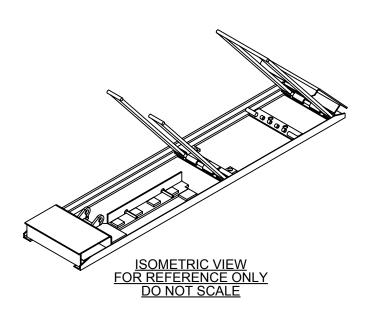
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm 2. REMOVE ALL WELD SPLATTER
- 3. ARMS MUST SWING FREELY

NEXT ASSEMBLY

5600012



	REVISION			
REV	DESCRIPTION	DATE	<b>EDITED BY</b>	ECO#
Z	UPDATED BOM REVISIONS	10/06/2016	TS	00781
Р	UPDATED BOM REIVISIONS	07/14/2017	TM	00852
5	LIPDATED BOM REVISIONS	09/18/2018	NAT	00996



ITEM NO.	PART NUMBER		DESCRIPTION			REV
1	5721001		BASE ANGLE		2	Α
2	5620017	P-6FI	P-6FB FLUSH REAR HINGE WELDMENT		1	Η
3	5620006	P-6B/6F	B ASYMN	METRIC HINGE WELDMENT	1	Н
4	5620008		SPRING N	MOUNT WELDMENT	1	В
5	5620012	F	R.H. SAFET	Y STOP WELDMENT	1	В
6	5735003		SAFET	y support bar	1	Α
7	5730001		CLEVI	S SUPPORT PAD	1	В
8	5736002	BOLTING PAD / EYE		2	С	
9	5730653		<b>BOTTOM</b>	CYLINDER CLEVIS	2	В
10	5745002		LOAD R	AMP HARD STOP	2	Α
11	5755003		P-6B/6FB SAFETY PIVOT TUBE		2	С
12	5735004		BASE S	TIFFENING STRIP	2	Α
13	5720001	FRONT SUPPORT ANGLE		1	Α	
14	5700007	P-6FB R.H. DRIVE ON RAMP		1	В	
15	5730005	AIR CYLINDER CLEVIS		2	Α	
16	5736234	P-6B/6FB SAFETY GUIDE BAR		1	С	
DO NOT SCALE DRAWING		NAME	DATE			_

DIMENSIONS ARE IN MM TOLERANCES:

DRAWN

CHECKED

ANGULAR:  $0. = \pm 2^{\circ}$ 

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

THIRD ANGLE PROJECTION TITLE:

CA

PROPRIETARY AND CONFIDENTIAL

07/12/2007

10/19/2018

P-6FB RIGHT **BASE WELDMENT** SIZE DWG. NO.

BP BendPak.

1645 LEMONWOOD DR. SANTA PAULA, CA 93060

5620018 THE INFORMATION CONTINUED 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: 1:15

REV Q SHEET 1 OF 3

NEXT ASSEMBLY 5600013

BREAK AND DEBURR ALL SHARP EDGES 0.3mm 2. REMOVE ALL WELD SPLATTER

**NOTE: UNLESS OTHERWISE SPECIFIED.** 

ARMS MUST SWING FREELY 3.

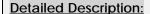


BENDPAK Number:	5900119
MRP Description:	P-6B / FB INSTALLATION MANUAL
Date:	05/15/2018
ECO:	00903

#### 1. Engineering Specification

#### **Application:**

**INSTALLATION MANUAL** 





IMPORTANT SAFETY INSTRUCTIONS
SAVE THESE INSTRUCTIONS

PLEASE READ THE ENTIRE CONTENTS OF THIS MANUAL PRIOR TO
INSTALLATION AND OPERATION. BY PROCEEDING WITH LIFT
INSTALLATION AND OPERATION 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.

REVISION E2- May 2018
PIN 5900119

#### INSTALLATION AND OPERATION MANUAL

6000 POUND CAPACITY LOW RISE PIT LIFT

#### Models:





RECEIVING
The shipment should be thoroughly inspected as soon as it is received. The signed Bill of Lading is acknowledgement. However, your overall safety can be increased with proper by the shipping carrier as received of this product as listed training and thoughful operation on the part of the operator.

If you have the safety can be increased with proper by the shipping carrier as receipt of this product as listed training and thoughful operation on the part of the operator.

If you have the safety can be increased with proper and the properties of the operator repair this equipment without reading any operation of the region of the safety that of the missing or damaged goods. Do this for your own protection.



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 5930176

#### 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 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

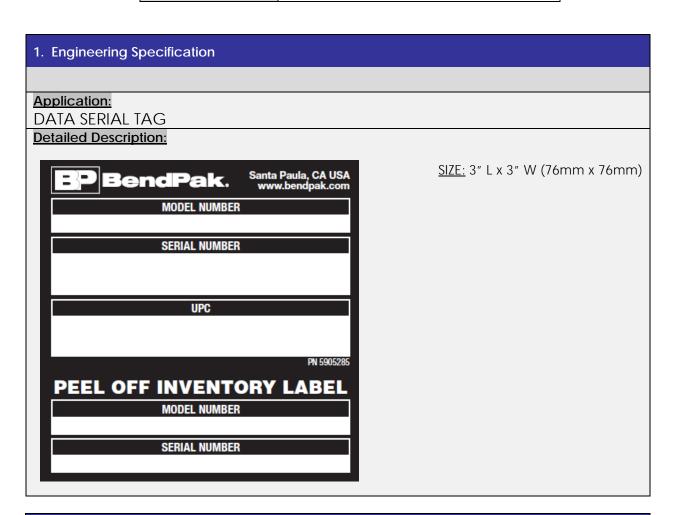
NOT print as YELLOW ink. White area in file represents Opaque White ink.)

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

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



BENDPAK Number:	5905285
MRP Description:	SERIALTAG EXTERIOR PEEL OFF INVENTORY LABEL
Date:	04/20/2016
ECO:	00739



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



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:	5905813
MRP Description:	OPERATION INSTRUCTION; WARNING, DRIVE CAR OVER LIFT; MOVING MACHINERY LABEL
Date:	09/13/2016
ECO:	00776

#### 1. Engineering Specification

#### **Application:**

OPERATION INSTRUCTION

#### **Detailed Description:**

SIZE: 3" W x 15" L (76mm x 381mm)

- 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

#### **A** WARNING

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

- TO RAISE LIFT:

- C PARIOE 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 undemeath 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.
   Asias lift by press

- 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. Lower the lift until the LOCK BARS rests against the LOCK BLOCK.

#### **▲** WARNING

ALWAYS make sure the safeties are engaged before attempting to work on or near a vehicle.

- Clear area before lowering lift.
- Raise lift by pressing RAISE BUTTON on power unit. Elevate lift at least two inches to allow adequate clearance for locks to clear.
  - Press push button AIR SAFETY VALVE and HOLD.
- Lower vehicle by pressing power unit lowering handle until lift has descended completely.

   When lowering lift PAY CAREFUL ATTENTION that all personnel and objects are kept clear.

   ALWAYS keep a visual line of site on lift AT ALL TIMES.
- ALWAYS neep a visual line on site of line at PALE TIMES.

   ALWAYS make sure that ALL LOCKS are disengaged. If one of the locks inadvertently engages on descent, lift and/or vehicle may disrupt causing personal injury or death.









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



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:	2017_SERIAL_TAG-B-5905951-VERTICAL- NO BLEED
Date:	10/30/2017
ECO:	00857

1. Engineering Specification	
Application:	
DATA SERIAL TAG  Detailed Description:	
BendPak. Santa Paula, CA USA www.bendpak.com MODEL NUMBER  DESCRIPTION  LIFT CAPACITY DATE OF MFG.	SIZE: 3" L x 3" W (76.2mm x 76.2mm)
VOLTAGE  \$\begin{align*} \text{ 110-240V, 50-60 Hz, 1 Ph} \\ \text{ 208-240V, 50-60 Hz, 1 Ph} \\ \text{ 380-415V, 50-60 Hz, 3 Ph} \\ \text{ 208-440V, 50-60 Hz, 3 Ph} \\ \text{ 208-440V, 50-60 Hz, 3 Ph} \\ \text{ DANGER!} \\ \text{ Disconnect Power Before Servicing} \\ \text{ 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			



BENDPAK Number:	5905963	
MRP Description: P-6FB _Packaging Label		
Date:	12/30/2015	
ECO:	00736	

#### 1. Engineering Specification

#### Application:

PACKAGING LABEL

#### **Detailed Description:**

SIZE: 6" (152m) W x 10" (254mm) H

- Material: White Adhesive Paper
- Ink: U.V. protected CMYK 4/C Process
- Print Process: Offset Lithography 200 line-screen or 300 p.p.i. for digital



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

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

## P-6B & P-6FB Product Decal Positioning





#### P-6 BendPak Cylinder Decal.pdf:

Material: Clear Adhesive PET

Size: 16"W x 3"H Thickness: 4 Mil Finish: Polished

Ink: U.V. protected, Opaque White

Print Process: Silk Screen, 85 line-screen (Yellow color in file represents what should be clear PET material and SHOULD NOT print as Yellow ink. White area in file represents Opaque White ink.)

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

violet protection



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



#### **A WARNING**

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

#### **OPERATION INSTRUCTIONS**

- 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.

Clear PET material and SHOULD NOT print as Yellow

- 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
- Lower the lift until the LOCK BARS rests against the LOCK BLOCK.

#### **A WARNING**

ALWAYS make sure the safeties are engaged before attempting to work on or near a vehicle.

#### TO LOWER LIFT:

- · Clear area before lowering lift
- Raise lift by pressing RAISE BUTTON on power unit. Ele lift at least two inches to allow adequate clearance for to clear.
- Press push button AIR SAFETY VALVE and HOLD.
- Lower vehicle by pressing power unit lowering handle until lift has descended completely.
- When lowering lift PAY CAREFUL ATTENTION that all personnel and objects are kept clear.

   ALWAYS keep a visual line of site on lift AT ALL TIMES.
- ALWAYS make sure that ALL LOCKS are disengaged. If one of the locks inadvertently engages on descent, lift and/or vehicle may disrupt causing personal injury or death.



PN 5905813

#### P-6FB Operation Instructions 5905813.pdf:

Trim: 15"W x 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



# VERY IMPORTANT HEIGHT AT LEAST ONCE A DAY. ALSO, THIS IS AN EFFECTIVE WAY TO BLEED ANY TRAPPED

#### Cylinder\_Warning-Red\_5905176.pdf:

Size: 3"W x 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



MOVING MACHINERY KEEP HANDS AND FEET CLEAR AT ALL TIMES







#### Label\_Warning\_Pinch\_Point\_Small-5905350.pdf:

Size: 15"W x 1.5"H

Material: White Vinyl Pressure Sensitive Adhesive

Thickness: 4 Mil

Ink: U.V. protected CMYK 4/C Process

Finish: Polished

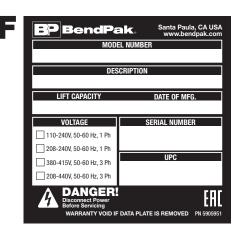
Print Process: Offset Lithography - 200 line-screen or 300 p.p.i.

for digital

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

ultra violet protection

## P-6B & P-6FB Product Decal Positioning



PN 5905951

#### 2017\_Serial\_Tag-B-5905951:

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

