Service Manual

SERVICE PARTS & DIAGRAMS

bendpak **RJ7W**

PRODUCT SKU 5175249

DRAWING № **5260284**

CATEGORY Rolling Bridge Jack

REV Version J

DATE 12.15.2022



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

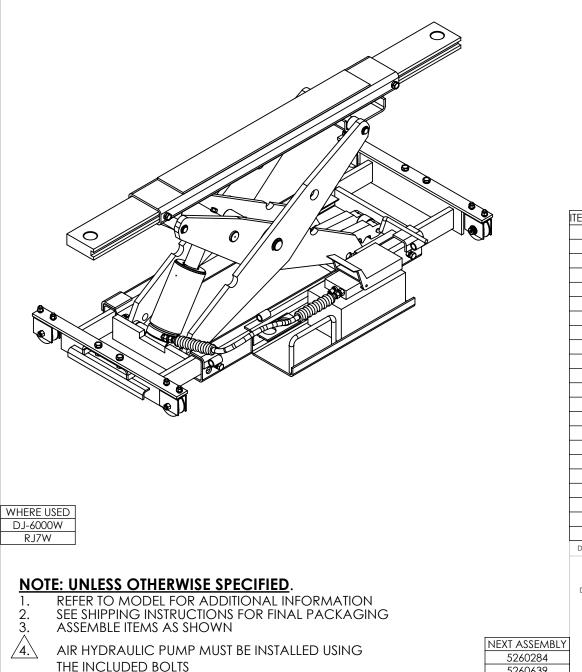
International Sales & Service

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

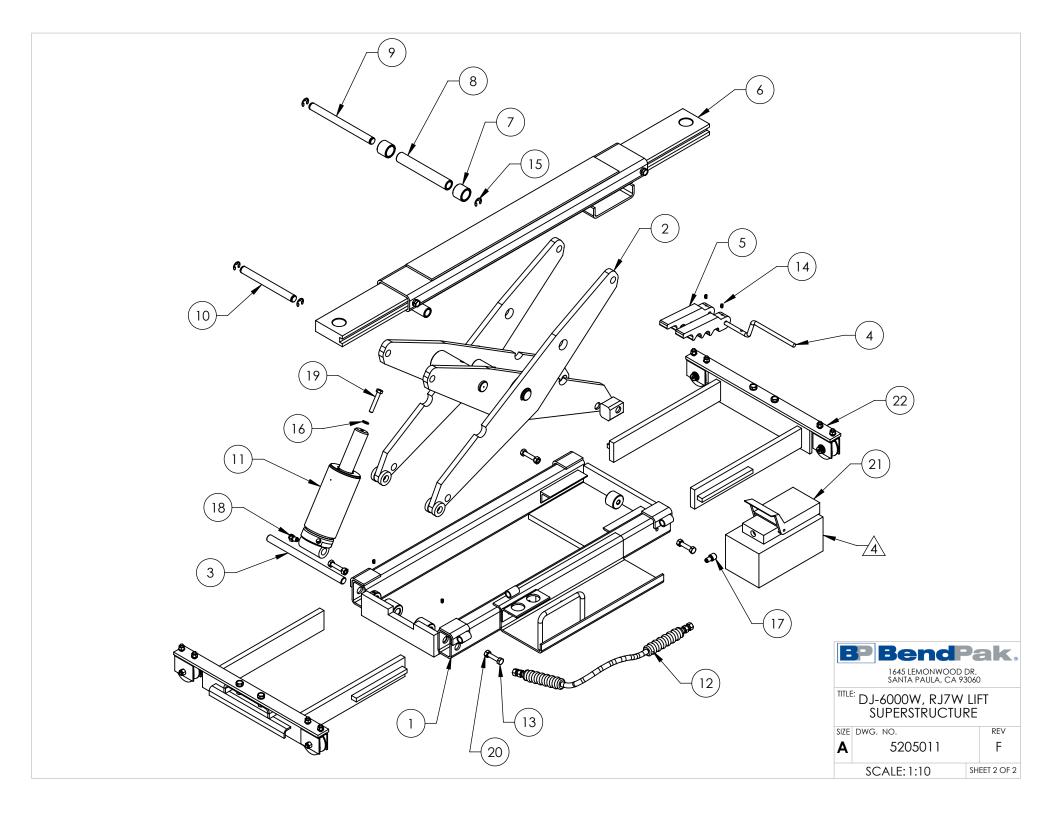
	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
G	ADDED 5905775 AND 5906044	09/02/2021	CA	01322
н	REPLACED LABELS WITH COLORS & GRAPHICS	09/29/2021		01348
J	UPDATED BOM REVISION	08/17/2022	TM	01438

	ITEM NO	PART NUN	1BER		DES	SCRIF	PTION	QTY	' REV
	1	520501	1	DJ-600	00W, RJ7V	V LIFT	T SUPERSTRUCTURE	1	F
	2	525027	1	DJ-4	4500/6000	DW, F	rjw parts box	1	F
	-	590009	3		rjw se	RIES	MANUAL	1	-
	DO NOT SC	CALE DRAWING		NAME	DATE	:	P Bend		
			DRAWN	TS	12/05/2018	3			•
			CHECKED			-	1645 LEMONWOOD DR Santa Paula, ca 9306		
NOTE: UNLESS OTHERWISE SPECIFIED. 1. REFER TO MODEL FOR ADDITIONAL INFORMATION					OJECTION	TITLE:	RJ7W PRODUCTI LIFT VER F	ON	
2. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING WHERE USED			Ť			SIZE	DWG. NO.	F	REV
SEE COLORS & GRAPHICS FOR LABEL PLACEMENT APPLY LIQUID THREAD SEALANT TO FITTINGS PRIOR TO ASSEMBLY. HDS-14 SERIES HDS-14 SERIES		2	PROPRIETA THE INFORMATION THE SOLE PROPERT REPRODUCTION IN	Y OF BENDPA	IN THIS DRAWING IS K INC. ANY	Α	5260284		J
SEE BP SPECIFICATION FORM 5580012 HDSO-14 SERIE			THE WRITTEN PERM PROHIBITED.				SCALE: 1:10	SHEET	1 OF 2

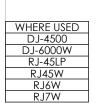
	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
D	UPDATED BOM REVISION	11/06/2020	CA	01230
E	UPDATED TITLE AND WHERE USED	04/06/2021	TM	01293
F	UPDATED BOM REVISION	08/17/2022	TM	01438



ITEM NO	PART NUMB	ER			DES	CRI	PTION	QTY	REV
1	5601031			RJW		-	BASE WELDMENT	1	G
2	5215439			_	RJW SCIS	SOF	RASSEMBLY	1	J
3	5746374			R	JW CYLIN	DEF	R HINGE ROD	1	D
4	5701136		D.	J-6000	W, RJ6W/	7W)	9W SAFETY HANDLE	1	G
5	5731039				RJW SA	\FE1	Y LATCH	2	н
6	5210138			RJW E	XTENSION	AR	M TUBE ASSEMBLY	1	С
7	5746378			RJW	SCISSOR	CH	ANNEL SPACER	2	В
8	5746377			RJ۱	N SCISSO	r Pi	N ROLLER TUBE	1	С
9	5746376				RJW S	CIS	SOR PIN	1	В
10	5746375				RJW SHO	rt s	CISSOR PIN	1	В
11	5502012			CYLI	NDER ASS	EM	BLY Ø3.0 x 4.375	1	F
12	5570806		RJV	SERIE	s hose as	SSY	Ø6.4mm x 600mm DS	1	E
13	5530302			HHB	M10 x 1.5	i x 4	0 FULLY THREAD	4	
14	5530790				SSS M	5 x 1	l x 10 NL	4	
15	5540109			E RIN	GØ16mr	n O	D DIN 6799 0160	4	
16	5545130				WAS	HER	3/8" SL	1	
17	5550493			FTG	rst -04 Ji	Сχ	-06 NPT x .062 ID	1	
18	5550038			F	tg 45elb	-04	JIC x -04 NPT	1	
19	5530132			HHB	3/8"-16 x	2-1	/4" GR8/CL 10.9	1	
20	5535998				NUT	M1	0 x 1.5	4	
21	5585733		AIR	HYDRA	ULIC PUN	<u>1</u> P Y	ELLOW RJW7 PSI:7500	1	
22	5215697		rjw e	BASE A	RM SPRIN	GR	OLLER PLATE ASSEMBLY	2	E
DO NOT SC	CALE DRAWING			NAME	DATE	=	P BendPa		
		D	RAWN	TS	12/05/2018		1645 LEMONWOOD DR.		
		CH	IECKED	OR	08/19/2022		SANTA PAULA, CA 93060		
DIMENSION	NS ARE IN MM		THIRD AN	GLE PRO	DJECTION	TITLE	[:] DJ-6000W, RJ7W LII	-T	
1							SUPERSTRUCTURE	•	
. (:			Ŷ			SIZE	DWG. NO.	RE	V
	9	THE SO	VFORMATION C	OF BENDPAK	I THIS DRAWING IS	Α	5205011	F	:
1		THE W	VRITTEN PERMIS IBITED.	SION OF BENI	WHOLE WITHOUT DPAK INC. IS		SCALE: 1:10 SH	EET 1	OF 2



	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
D	ADDED 5580012, UPDATED NEXT ASSEMBLY	02/25/2020	CA	01146
Е	REMOVED 5580012, UPDATED TITLE AND NEXT ASSEMBLIES	09/30/2020	TM	01213
F	UPDATED TITLE AND WHERE USED	04/06/2021	TM	01293



NOTE: UNLESS OTHERWISE SPECIFIED. 1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

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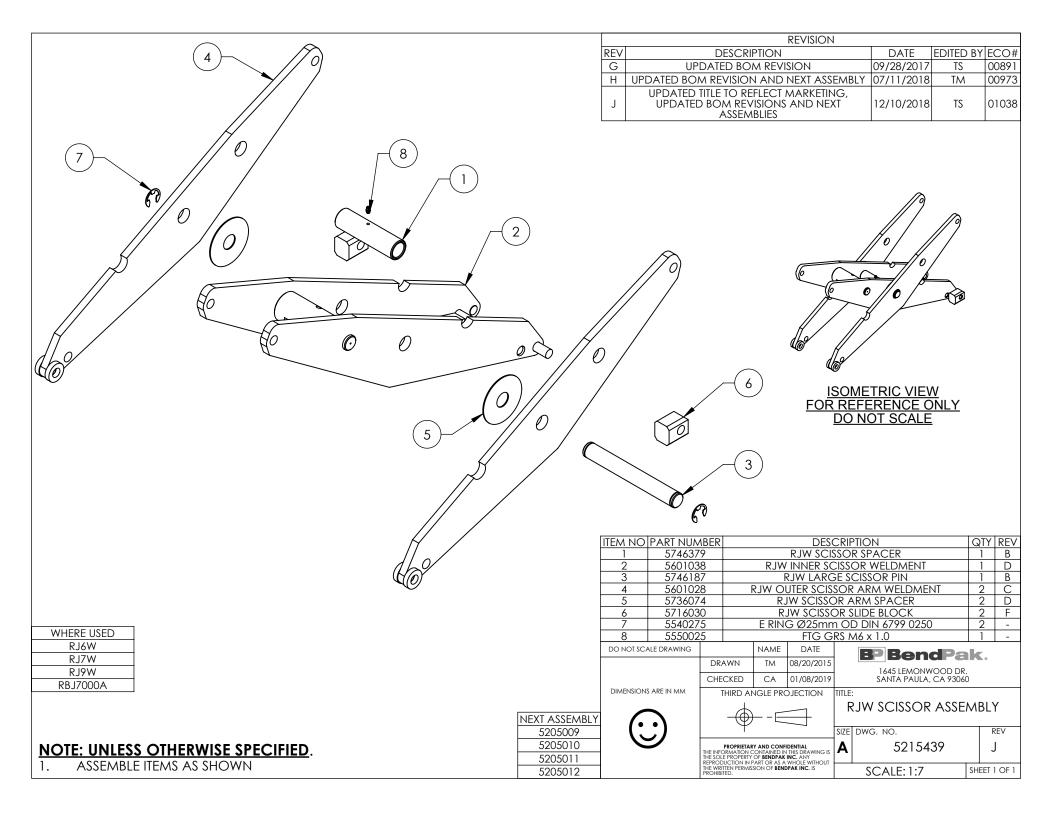
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	ITEM NO.	PART NUM	∕BER			DES	CRI	PTION	QTY.	REV
	1	521550)7		ROUNI) LIFT PAE) AC	DAPTER ASSEMBLY	2	G
	2	574639	90	ME	DIUM L	.IFT PAD E	XTE	NSION Ø35 x 113mm	2	Е
	3	574639	95	LC	DNG LI	FT PAD EX	(TEN	SION Ø35 x 182mm	2	D
	4	570154	13		RJW S	PRING PL	ATE	SAFETY BRACKET	4	D
	do not sca	LE DRAWING			NAME	DATE	-	P Bend		
			DRA	WN	TS	12/04/2018				•
			CHEC	CKED	OR	04/12/2021		1645 LEMONWOOD DR. Santa Paula, ca 93060)	
NEXT ASSEMBLY	DIMENSIONS	ARE IN MM	Т	HIRD AN	GLE PRO	DJECTION	TITLE:			,
5260194		`						DJ-4500/6000W, PARTS BOX	KJ VV	
5260283	.			$- \bigcirc$				FARIS DUX		
5260284)					SIZE	DWG. NO.	R	EV
5260610	C	J				DENTIAL THIS DRAWING IS	Α	5250271		=
5260638			THE SOLE REPRODU	PROPERTY JCTION IN F	OF BENDPAK ART OR AS A	INC. ANY WHOLE WITHOUT				
5260639			THE WRIT PROHIBIT	TEN PERMIS ED.	SION OF BENE	PAK INC. IS		SCALE: 1:4	SHEET 1	OF 1

			REVISION			
	REV		DESCRIPTION	DATE	EDITED B	Y ECO#
	С	REMOVED 570	543, UPDATD TITLE TO REFLECT DATED BOM REVISIONS AND NEXT ASSEMBLY	12/05/2018		01038
	D	REPLACED 55450 5535001, REM UPDA	005 WITH 5545012, 5535357 WITH OVED 5530756 AND 5545026, ATED BOM REVISOINS	06/06/2019	TM	01093
	E		REVISION AND NEXT ASSEMBLY	02/24/2020	CA	01146
		FOR	OMETRIC VIEW REFERENCE ONLY DO NOT SCALE			
	[ITEM NO PART NUM	ABER DESCRIPTI	ON	(TY REV
		1 562029		MENT		1 C
		2 553002	21 HHB, M10 x 1			2
	-	3 554534 4 55350	41 WASHER M10 x 9 13 NUT M10 x 1			2
	ŀ	<u>4</u> 55350 5 573703				2 1 D
	+	6 521010			,	2 E
	ŀ	7 554520		Ø18 SL		2
	ľ	8 553500	01 NUT M8 x 1.2	25 NL		4
	ľ	9 55450				4
		DO NOT SCALE DRAWING				
WHERE USED			DRAWN TS 12/06/2017	1645 LEMONW SANTA PAULA,		
RJ-45LP RJ45W		DIMENSIONS ARE IN MM	THIRD ANGLE PROJECTION TITLE:	W BASE AR		
RJ7W		\bigcirc		LLER PLATE		BLY
	SSEMBLY		SIZE DW		07	REV
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING 320 520 520	5008 5011	\smile	THE ENCLE PROPERTIES AND CONFIDENTIAL THE ENCREMATION 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.	52156		E
2. AUSTEMBLE HEIMS AS SHOTTIN 520.	5013		PROHIBITED.	SCALE: 1:6	SH	IEET 1 OF 1

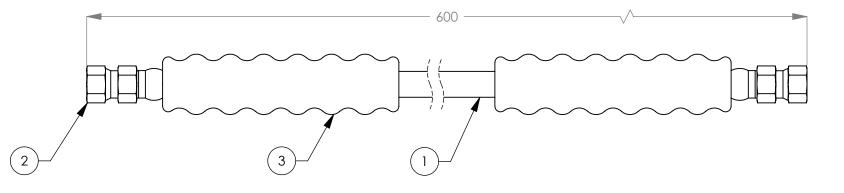
	REVISION					
			REPLACED 5601030 WITH 5735547, (2) 5530181 WITH 5530283, REMOVED 5735549, 5545026, (2) 5530181, UPDATED BOM REVISIONS	01/14/2016	TM	00719
		С	UPDATED TITLE TO REFLECT MARKETING.			01038
Image: Note: Unless otherwise specified. Image: Note: No						
WHERE USED NAME Date Date RJ6W RJ7W			1 5601029 RJW UPPER ARM RECEIVE 2 5735547 RJW EXTENSION 3 5535035 NUT M10 x 1	<u>r tube weld</u> ARM BAR .5 JN	DMENT	1 C 2 C 2
RBJ7000A DIMENSIONS ARE IN MM THIRD ANGLE PROJECTION TITLE: RJW EXTENSION ARM TUBE ASSEMBLY NOTE: UNLESS OTHERWISE SPECIFIED. 5205010 Size DWG. NO. Size DWG. NO. Rev C 5205010 5205010 Size DWG. NO. C	RJ6W RJ7W		NOT SCALE DRAWING NAME DATE DRAWN TM 08/21/2015	P Ben	dPak	
NOTE: UNLESS OTHERWISE SPECIFIED.	RBJ7000A NEXT ASSE	MBLY	THIRD ANGLE PROJECTION TITLE: R.	IW EXTENS TUBE ASS		
I. ASSEMBLE ITEMS AS SHOWN 5205012 The WRITE N PERMISSION OF BENDRAK INC. IS PROHIBITED. SCALE: 1:8 SHEET 1 OF	NOTE: UNLESS OTHERWISE SPECIFIED. 520501	10 1	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	52101		С

REVISION REV DESCRIPTION DATE EDITED BY ECO			
	REV		FCO#
	С	WAS WELDED NOW ASSEMBLED, REMOVED	01038
	D		01093
	E	REPLACED 5530347 WITH 55303370 02/18/2020 CA (01120
SOMETRIC VIEW FOR REFERENCE ONLY DO NOT SCALE	2	5	
	ITEM	M NO PART NUMBER DESCRIPTION QT	TY REV
		1 5601393 RJW ROLLER BRACKET WELDMENT 1	A
		2 5575040 RJW ROLLER ASSEMBLY 1 3 5545347 WASHER, M12 FLAT WASHER 1	С
		3 5545347 WASHER, M12 FLAT WASHER 1 4 5530370 SHSS M10 x 1.50 x 32mm SHOULDER 1	
		5 5535013 NUT M10 x 1.5 NL 1	
			· · · · ·
WHERE USED		NOT SCALE DRAWING NAME DATE BP Bencipa DRAWN TS 12/08/2017 1645 LEMONWOOD DR. CHECKED OR 03/04/2020 SANTA PAULA, CA 93060	
RJ-45LP RJ45W RJ6W RJ7W	DIMI	THIRD ANGLE PROJECTION THIRD ANGLE PROJECTION THIRD ANGLE PROJECTION TITLE: RJW ROLLER BRACKET ASSEMBLY SIZE DWG. NO.	REV
NOTE: UNLESS OTHERWISE SPECIFIED.	LY	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAKING, ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT	E
1.ASSEMBLE ITEMS AS SHOWN32136975215816		THE WRITTEN PERMISSION OF BENDPAK INC. IS SCALE: 1:2 SHEET PROHIBITED.	f 1 OF 1



	REVISION
	REV DESCRIPTION DATE EDITED BY ECO#
	E UPDATE BOM REVISION AND NEXT ASSEMBLY 12/19/2012 TM 00572
	E-001 UPDATED NEXT ASSEMBLY 03/14/2013 TM 00586 E-002 UPDATED NEXT ASSEMBLIES 06/21/2013 TM 00605
	E-002 UPDATED NEXT ASSEMBLIES 06/21/2013 1M 00603 E-003 UPDATED NEXT ASSEMBLIES 10/16/2014 TM 00663
	E-004 UPDATED NEXT ASSEMBLIES 03/24/2015 MR 00691
	E-005 UPDATED NEXT ASSEMBLY 08/06/2015 JM 00715 E-006 UPDATED NEXT ASSEMBLIES 11/24/2015 TM 00738
	E-007 UPDATED NEXT ASSEMBLY 01/21/2016 TM 00739
	E-008 UPDATED NEXT ASSEMBLIES 05/25/2017 TS 00833 E-009 UPDATED NEXT ASSEMBLY 09/12/2017 TM 00867
	F UPDATED BOM REVISION 02/02/2018 TS 00922
	G UPDATED BOM REVISION AND NEXT ASSEMBLY 05/31/2018 TM 00953
	\frown
	(2)
ISOMETRIC VIEW	
FOR REFERENCE ONLY	
<u>DO NOT SCALE</u>	
WHERE USED	
SERIES MAXJAX	
P9000 SERIES D2-10 SERIES	ITEM NO PART NUMBER DESCRIPTION QTY REV
MD-6XP DMR-6 DMR-6 D2-8F	15600588ROUND LIFT PAD WELDMENT1C25715017ROUND LIFT PAD ADAPTER POLYURETHANE PAD1E
SF-7 XE SERIES ACCY	DRAWN AC 12/30/2010 BP DENGPARK
GP-7 SERIES	5210163 5250275 CHECKED CA 06/18/2018 SANTA PAULA, CA 93060
RJ-45LP RJW SERIES	5210194 5250293 dimensions are in mm Third angle projection Title: ROUND LIFT PAD
RBJ7000A	R(J(IN)) F(PA)
	5215865 5250298 5215866 5250316 ADAPTER ASSEMBLY
NOTE: UNLESS OTHERWISE SPECIFIED.	5215865 5250298 5215866 5250316 5216062 Size 5250080 5250328
	5215865 5250298 5215866 5250316 ADAPTER ASSEMBLY

	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C C-001	UPDATED 5570171 TO SHOW ROUTING UPDATED NEXT ASSEMBLIES	03/17/2015 08/21/2015		00692 00719
D	UPDATED TITLE AND NEXT ASSEMBLIES	02/29/2016	CA	00739
E	UPDATED TITLE TO REFLECT MARKETING, UPDATED NEXT ASSEMBLIES	12/28/2018	TS	01038



RJ-45LP
RJ45W
RJ7W
RJ9W
RBJ7000A
RBJ4500 BYB
RBJ15000
RBJ18000
RBJ25000

NOTE: UNLESS OTHERWISE SPECIFIED.

FOR ITEM 1 SPECIFICATIONS REFER TO PART SPECIFICATION FORM 1.

- 2. 3. 4.
- LENGTH SHOWN IS AFTER SWAGING ITEM 1 QTY FOR REFERENCE ONLY 10,000 PSI / 700 BAR WORKING PRESSURE 40,000 PSI / 2800 BAR MIN. BURST PRESSURE 5.

	ITEM NO	PART NUMBER		DESCRIPTION					QT	Ý	REV
	1	5570171		HOSE; Ø6.35 RJ SERIES HYDRAULIC HOSE					534m	m*	-
	2	5550325		FTG NPL Ø1/4 CRI				AP x -04 JIC	2		-
	3	5570037		HOSE BEND I				RESTRICTOR			-
NEXT ASSEMBLY	DO NOT SCA	NOT SCALE DRAWING			NAME	DATE	BPBen				
5205005	DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5		DR/	WN	AC	01/16/2010					•
5205006			CHECKED		CA	04/24/2019		1645 LEMONWOOD DR. SANTA PAULA, CA 93060			
5205007					-	DJECTION		,		-	
5205008						TITLE: RJW SERIES HOSE ASSY					
5205009		$0.0 = \pm 0.5$					Ø6.4mm x 600mm DS				
5205010	SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED			Y			SIZE	DWG. NO.		R	EV
5205011			PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING I THE SOLE PROPERTY OF BENDPAK INC, ANY REPRODUCTION IN PART OR AS A WHOLE WITHOU				Α	5570806	4		F
5205012		INC. ANY				A 3370000)		-	
5205013	TH			E WRITTEN PERMISSION OF BENDPAK INC. IS OHIBITED.			SCALE: 1:2		S	HEET 1	OF 1

BP BendPak

PART SPECIFICATION FORM STANDARD

BENDPAK Number:	5900093
MRP Description:	RJW SERIES MANUAL
Date:	10/27/2020
ECO :	

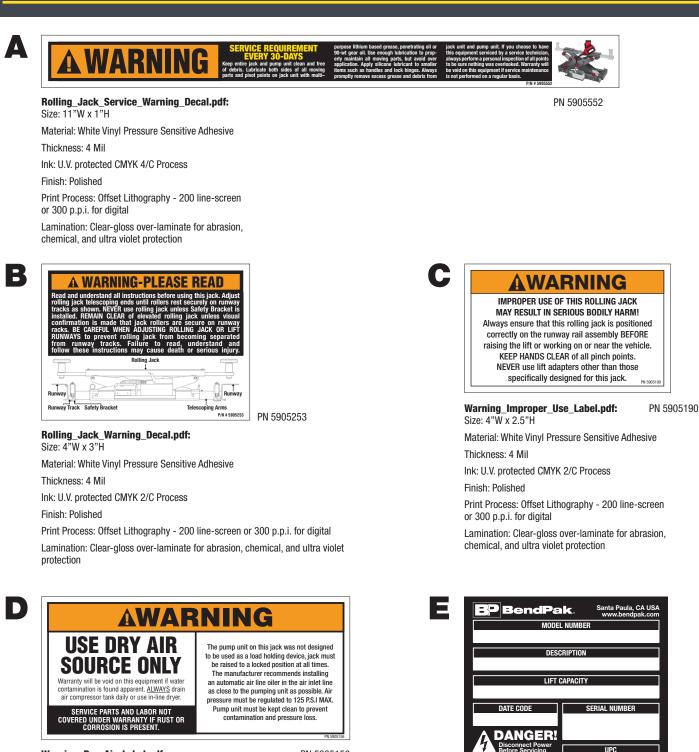
1. Engineering Specification **Application:** INSTALLATION MANUAL **Detailed Description: BP BendPak**. **Print Settings for BendPak Manuals** Unless otherwise specified, use these settings for **Rolling Bridge Jacks** printing BendPak manuals: Installation and Operation Manual Manual P/N 5900093 - Manual Revision B - Released October 2020 • Color: Black and White. Models: • Size: A4 (210 to 297 mm), 8.5 by 11 inches RJ45LP • RJ45W (216 to 279 mm), or between • RJ6W Binding: Saddle stitched • • RJ7W BJ9W Paper: 100 to 120 gsm (27 to 32 pound), • uncoated by BendPak Inc. in Southern Califo Read the entire contents of this manual before using this read the *entire* contents of this manual *before* using this product. Failure to follow the instructions and safety precautions in this manual can result in serious injury or death. Make sure all othe operators also read this manual. Keep the manual near the produc eference. By proceeding with setup and ope e that you fully understand the contents of t me full resu

2. Vendor Information (Or for Reference)								
Approved Vendor	Vendor Part #	Contact #	Preferred Vendor					
1)								
OR BENDPAK ENGINEERING APPROVED EQUIVALENT								

€ 805-933-9970
 € 805-933-9160
 № info@bendpak.com
 Ø 1645 Lemonwood Dr. Santa Paula, CA 93060

www.bendpak.com

RJ-W Series (45, 6, 7, 9) & RJ45LP Label Positioning



Warning_Dry_Air_Label.pdf: Size: 7"W x 3.5"H

Material: White Vinyl Pressure Sensitive Adhesive

Thickness: 4 Mil

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

Finish: Polished

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

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

PN 5905156

CE EHE

2020_Serial_Tag-E-5905150.pdf:

WARRANTY VOID IF DATA PLATE IS REMOVED

Material: 2 Mil. Gloss polyester thermal transfer label

with a high performance permanent acrylic adhesive.

PN 5905150

PN 5905150

MADE IN CHINA

Size: 3"W x 3"H

Ink: 1 Color-Black