Service Manual

Service Parts & Diagrams

XPR-12CL

BendPak SKU 5260567 XPR-12CL Two-Post Car Lift Version E 04/20/2016

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

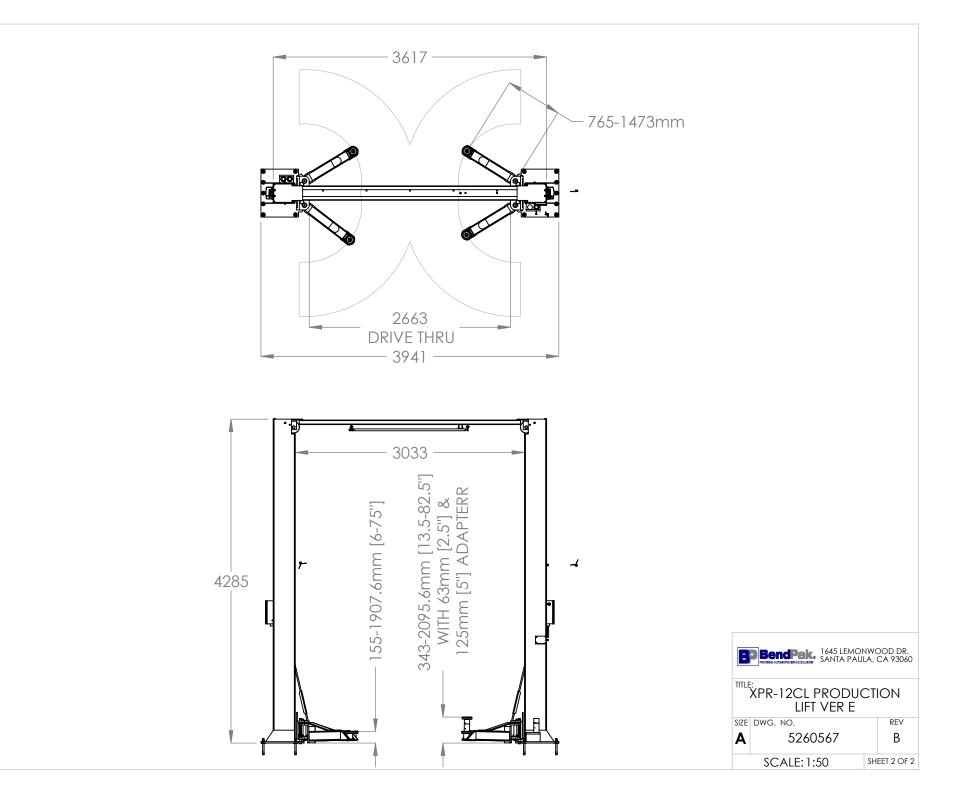
Domestic Sales & Service

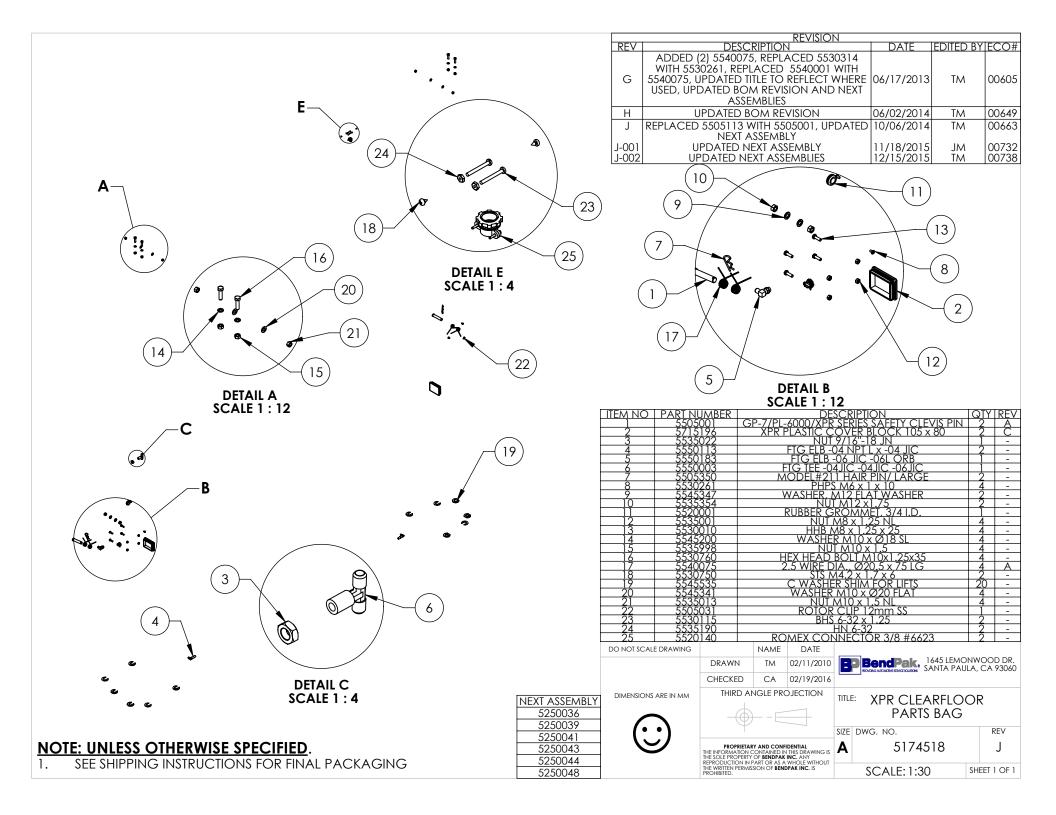
USA Sales Representatives Office Tel: 1-805-933-9970 Toll Free US/Canada: 1-800-253-2363 Fax: 1-805-933-9160 sales@bendpak.com

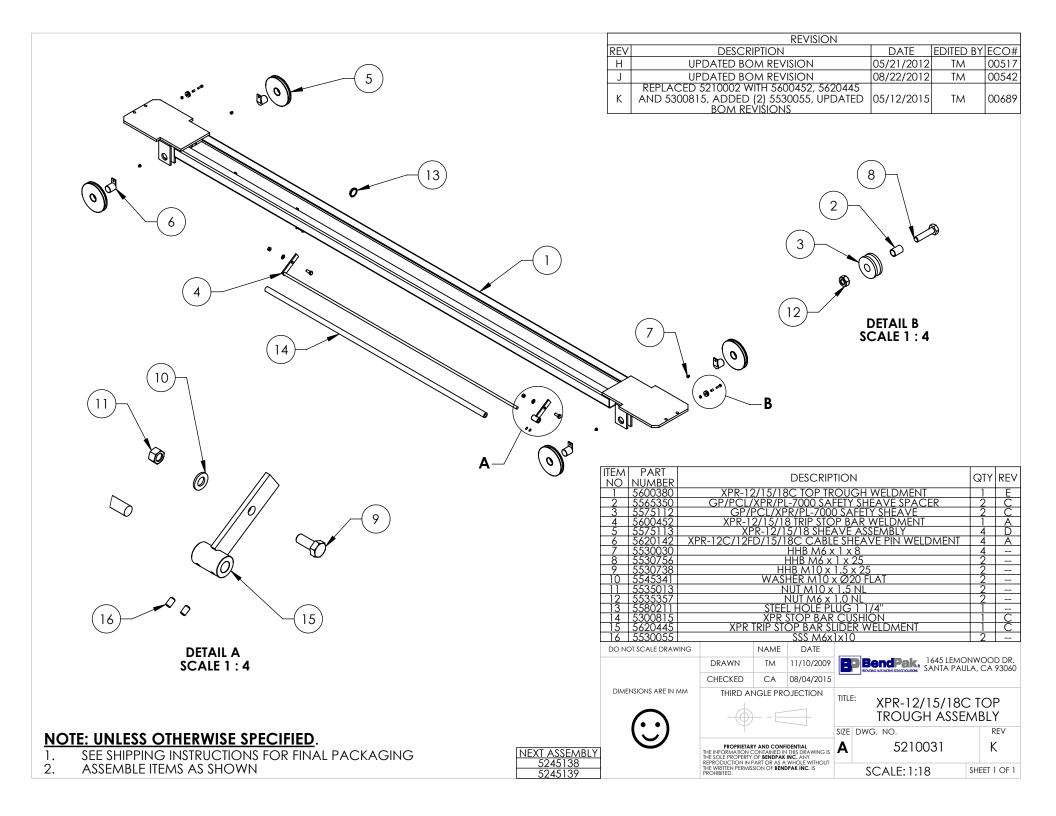
International Sales & Service

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#
	A PRODUCTION RELEASE, DERIVED FROM 5260440 12/15/2015 TM 00738
	B UPDATED BOM REVISION 03/22/2016 TM 00750
 ALL LABELS TO BE APPLIED TO POSTS AFTER PAINTING. SE ATTACHED LABEL PLACEMENT SHEET. 	ITEM NO PART NUMBER DESCRIPTION QTY REV 1 5245138 XPR-12C LIFT SUPERSTRUCTURE 1 W 2 5250041 XPR-12CL/12CL-LWB PARTS BOX 1 B 3 5215283 XPR-12CL/FDL TRIPLE TELESCOPING ARM 4 D 4 5905109 WARNING ALI/WL 101 1 - 5 5905131 2 POST DECAL KIT, LESS ALI C 6 5905404 MAX CAP DANGER 12K 1 - 7 5905465 MANUFACTURER LABEL 1 - 8 5905500 2015 SERIAL TAG-A-5905950 1 - 10 5905950 2015 SERIAL TAG-A-5905950 1 - DO NOT SCALE DRAWING NAME DATE . . . DIMENSIONS ARE IN MM MAX Inird Angle PROJECTION DIMENSIONS ARE IN MM MAX MAX DATE </th







			REVISION			
	R	REV	DESCRIPTION	DATE	EDITED BY	Y ECO#
		L UF	PDATED BOM REVISION	06/03/2014	TM	00649
\sim			PDATED BOM REVISION	05/14/2105	TM	00689
		N UF	PDATED BOM REVISION	11/12/2015	TM	00738
			PDATED BOM REVISION		TM	00689 00738
		1 5600 2 5716		<u>series Guide Bl</u>		1 K 8 E
		3 5746	099 XPR-12C/FD/15/18C Ø25r	nm LONG GEAR	r shaft	2 D
		4 5701	052 GP/RTL/XPR ARM INT	ERNAL GEAR STO	DP	2 E
		5 5540				2 A
U v v		6 5580				2 -
		7 5505	106 SPRING PIN	M6 x 50		2 -
		8 5540				2 -
		9 5930		AD GUSSET COV	ER	1 C
		DO NOT SCALE DRAWING				
				BendPak, 16 REVIEWS ALTOMOTIVE SERVICES SOLITIONS	45 LEMONW NTA PAULA,	CA 93060
		DIMENSIONS ARE IN MM	CHECKED CA 02/19/2016			
				HEAD ASS		
NOTE: UNLESS OTHERWISE SPECIFIED.			SIZE	DWG. NO.		REV
 SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING ASSEMBLE ITEMS AS SHOWN 	NEXT ASSEMBLY 5215292		PROPRIETARY AND CONTIDENTIAL THE INFORMATION CONTINUED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDFAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDFAK INC. IS PROHIBITED.	521526		N EET 1 OF 1
	5215293		PROHIBITED.	SCALE: 1:12	311	

	REVISION					
REV	DESCRIPTION	DATE	EDITED BY	ECO#		
В	UPDATED BOM REVISION	09/22/2015	TM	00729		
С	UPDATED TITLE TO REFLECT WHERE USED UPDATED BOM REVISION AND NEXT ASSEMBLIES	11/25/2015	TM	00738		
D	UPDATED BOM REVISION	02/19/2016	TM	00750		

QTY REV

1

3 -

3

3

D

-

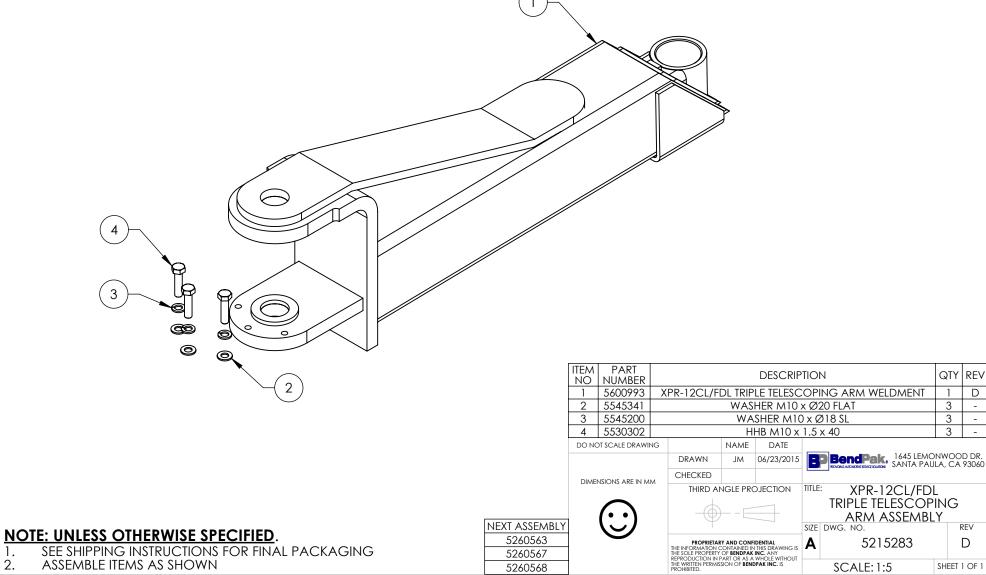
-

REV

D

SHEET 1 OF 1

SCALE: 1:5



5260568

SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING 1.

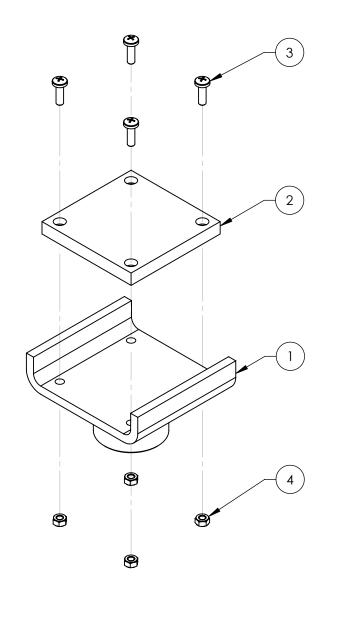
2. ASSEMBLE ITEMS AS SHOWN

		REV	REVISION DESCRIPTION	DATE EDI	TED BY	FCO#
			PDATED BOM REVISION		TM	00673
			PDATED BOM REVISION			00689
			DATED BOM REVISIONS			00738
ليم						
	\frown					
	(1)					
	ſ	TEM NO PART NUM	IBER DESCRIPT	ION	Q	TY REV
	_	1 560040	4 XPR-12C/15/18C OFF SIE		1T 1	1 F
	+	2 557511				1 D
		3 562014	2 XPR-12C/12FD/15/18C WELDME	CABLE SHEAVE PIN ENT	ר ו	1 A
	F	4 557511			- 1	1 C
		5 556535	0 GP/PCL/XPR/PL-7000 SAF	ETY SHEAVE SPAC	ER 1	1 C
$9 \rightarrow 1 \parallel 1 \rightarrow 1$		6 553003	0 HHB M6 x	1 x 8]	1 -
$\checkmark \qquad \checkmark \qquad$	F	7 <u>553075</u> 8 553535	6 HHB M6 x 7 NUT M6 x 1	<u>1 x 25</u>		1 - 1 -
	.≽_	9 521526	9 XPR-12C LIFT HEA	D ASSEMBLY		1 <u>-</u> 1 N
	<u>}</u>	10 550230	5 CYLINDER ASSEME	3LY Ø2.5 x 69	1	1 E
		11 570171	7 XPR HEAVY DUTY CYI	LINDER STOPPER	1	1 A
		DO NOT SCALE DRAWING	NAME DATE		EL (Q	
		DIMENSIONS ARE IN MM	DRAWN TM 01/05/2010	BendPak, 1645 LI	EMONWC PAULA, C	DOD DR. DA 93060
		~	CHECKED CA 02/18/2016			
		(\cdot)	THIRD ANGLE PROJECTION TITLE:	XPR-12C OFF		
				POST ASSEM		
NOTE: UNLESS OTHERWISE SPECIFIED.				WG. NO.		REV
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING	NEVT ACCELADIV		PROFILETARY AND CONDENTIAL THE INFORMATION CONTINUES IN TIME DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBIED.	5215292		V
2. ASSEMBLE ITEMS AS SHOWN	NEXT ASSEMBLY 5245138		REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS	SCALE: 1:25	SHFF	et 1 of 1
	JZ4J130		rkonibiiću.	JUNEL. 1.20	01.21	

	REVISION
	REVISION DESCRIPTION DATE EDITED BY ECO
	T UPDATED BOM REVISION 12/01/2014 TM 006
	U UPDATED BOM REVISION 05/14/2015 TM 006
	V UPDATED BOM REVISIONS 11/12/2015 TM 007
	SIDE POST ASSEMBLY
NOTE: UNLESS OTHERWISE SPECIFIED.	SIZE DWG. NO.
	PROPREtary AND CONTINUED IN THE SHORMING IS THE INFORMATION CONTINUED IN THE SHORMING IS THE SOLE PROPERTY OF BENDRA'S INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITEN PERMISSION OF BENDRA'S INC. IS PROVINEED AS A WHOLE WITHOUT THE WRITEN PERMISSION OF BENDRA'S INC. IS A 52215293 V
	SEMBLY The Sole PROPERTY OF BENDRALING, ANY TREPRODUCTION IN PART OF AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDRALING, IS PROHIBITEN PERMISSION OF BENDRALING, IS
2. ASSEMBLE ITEMS AS SHOWN 5245	IJO PROHIBITED. JUALE, I.20 SHEEL I C

ISOMETRIC VIEW FOR REFERENCE ONLY DO NOT SCALE	REV A A-001	PRODUCTION R UPDA	REVISION DESCRIPTION ELEASE, DERIVED FROM 5215507 ITED NEXT ASSEMBLIES	DATE ED 06/26/2015 12/02/2015	NTED BY ECO# JM 00708 TM 00738
DO NOI SCALE			2)		
NOTE: UNLESS OTHERWISE SPECIFIED. 1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING 2. ASSEMBLE ITEMS AS SHOWN	NEXT ASSEMBLY 5250038 5250045 5250046 5250047 5250080 5250113 5250041 5250042 5250042 5250043	ITEM NO PART NU 1 56009 2 57150 DO NOT SCALE DRAWING DIMENSIONS ARE IN MM	99 ROUND LIFT PAD 17 ROUND LIFT PAD ADAF NAME DATE DRAWN JM 06/26/15 CHECKED CHECKED CA 02/17/2016 THIRD ANGLE PROJECTION THIRD ANGLE PROJECTION TITLE: PROPRETARY AND CONFIDENTIAL HE INFORMATION CONFIDENTIAL HE INFORMATION PROFILANCE AN WOOD WITHOUT SIZE DATE DATE	WELDMENT	LEMONWOOD DR. A PAULA, CA 93060

	REVISION	_		
REV	DESCRIPTION	DATE	EDITED BY	ECO#
Α	PRODUCTION RELEASE, DERIVED FROM 5215506	06/24/15	JM	00708
В	UPDATED TITLE TO REFLECT MARKETING, UPDATED BOM REVISION AND NEXT ASSEMBLIES	12/03/2015	TM	00738



5601000 CRADLE LIFT PAD WELDMENT 1 А 2 5715020 CRADLE LIFT PAD LARGE RUBBER PAD 1 В 3 5530022 BPHS M6 x 1 x 20 ZPL 4 ---5535357 NUT M6 x 1.0 NL 4 ---4 DO NOT SCALE DRAWING NAME DATE BendPak, 1645 LEMONWOOD DR. SANTA PAULA, CA 93060 DRAWN JM 06/24/2015 NEXT ASSEMBLY CHECKED CA 02/17/2016 DIMENSIONS ARE IN MM 5250041 **CRADLE LIFT PAD** THIRD ANGLE PROJECTION TITLE: LARGE ADAPTER 5250042 5250043 ASSEMBLY 5250044 SIZE DWG. NO. REV PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS HE SOLE PROPERY OF BENDRAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT HE WRITTEN PREMISSION OF BENDRAK INC. IS PROHIBITED. 5250045 5215702 В 5250046 5250047 SCALE: 1:2 SHEET 1 OF 1

ITEM NO PART NUMBER

ISOMETRIC VIEW FOR REFERENCE ONLY DO NOT SCALE

DESCRIPTION

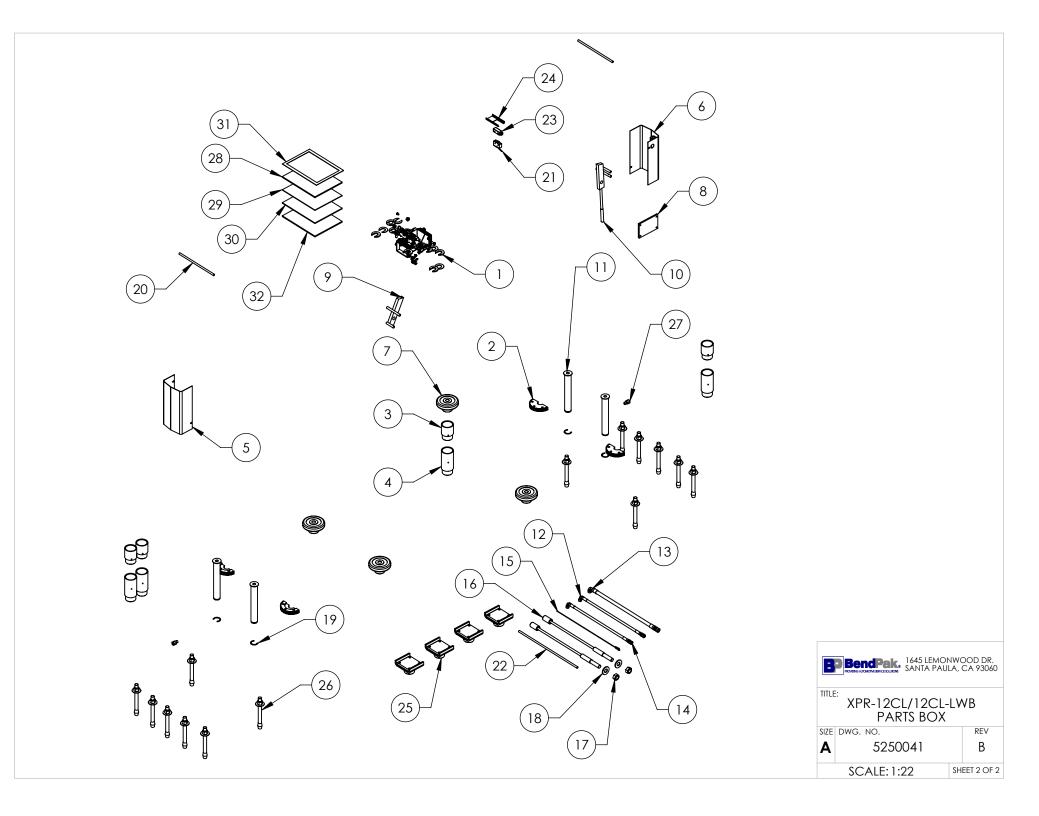
QTY REV

NOTE: UNLESS OTHERWISE SPECIFIED.

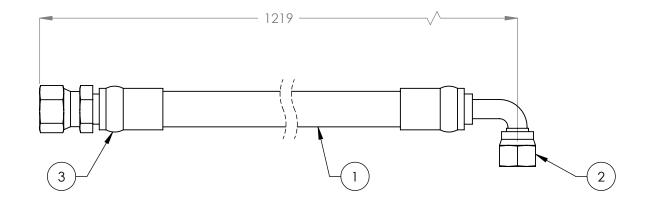
- 1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
- 2. ASSEMBLE ITEMS AS SHOWN

3	0	REV U V W UPD	REVISION DESCRIPTION UPDATED BOM REVISIONS UPDATED BOM REVISIONS ATED BOM REVISIONS AND NEXT ASSEMBLIES	12/01/2014 1 05/12/2015 1	ED BY ECO# M 00673 M 00689 M 00738
		2 5	T NUMBER DESCR 215293 XPR-12C POWER SI 215292 XPR-12C OFF SIDE 210031 XPR-12/15/18C TOP	DE POST ASSEMBLY E POST ASSEMBLY	QTY REV 1 V 1 V 1 K
NOTE: UNLESS OTHERWISE SPECIFIED.	NEXT ASSEMBL 5260563 5260565 5260567	DO NOT SCALE DRA	MING NAME DATE DRAWN TM 01/29/2010 CHECKED CA 02/23/2016 THIRD ANGLE PROJECTION THIRD ANGLE PROJECTION	E: XPR-12C LII SUPERSTRUCT DWG. NO.	MONWOOD DR. PAULA, CA 93060

	REVISIONREVDESCRIPTIONDATEEDITED BY ECO#APRODUCTION RELEASE, DERIVED FROM 525004112/15/2015TM00738BUPDATED BOM REVISIONS03/23/2016TM00750
	ITEMPART NUMBERDESCRIPTIONQTYREV15174518XPR CLEARFLOOR PARIS BAG1J25736605XPR-12 BOLT ON ARM RESTRAINT GEAR4E35746192ARM ADAPTER, MEDIUM4D45746193ARM ADAPTER, CONG4C55210009XPR-9D/10/12/12FD/15/18C OFF SIDE SAFETY COVER1E65600163XPR CLEARFLOOR POWER SIDE SAFETY COVER1E75215701ROUND LIFT PAD ADAPTER ASSEMBLY4A85715003POWER UNIT VIBRATION DAMPENER1B95210010XPR OFF SIDE SAFETY WELDMENT1F105210007XPR-POWER SIDE SAFETY WELDMENT1F115505346XPR-12C/FD LIFT HEAD PIN WELDMENT4B125570150XPR-12C/15/18C HYDRAULIC HOSE ASSY Ø6.35 x 9611mm1D135570017XPR HYDRAULIC HOSE ASSY Ø10 x 1219mm SB1C
	14 5570832 XPR CLEARFLOOR HYDRAULIC HOSE ASSY Ø6.35 x 1 E 15 5595125 XPR-12C/15/18C Ø2.4mm x 8900 SAFETY CABLE 1 B 16 5595922 XPR-12C/15/18C Ø2.4mm x 8900 SAFETY CABLE 1 B 16 5595922 XPR-12C/15/18C XPR-12C-LWB CABLE ASSY Ø12 x 2 A 17 5535011 NUT M22 x 2.5 NL 2 - 18 5545345 WASHER M22 x 50mm FLAT 2 - 19 5540281 C RING Ø38mm OD 5103-150 4 - 20 5746166 DOUBLE THREADED ROD M10 x 1.5 x 295 2 B 21 5525150 SPDT MICRO SWITCH:25A@125VAC 1 - 22 5520116 14-4 SJO UL 62 CABLE 300 vac 4275mm* - 22 5520112 MUCH COVER 5PA2 1 -
	23 5325112 MICROSWITCH COVER, PLASTIC 1 - 24 5716634 XPR MICROSWITCH COVER, PLASTIC 1 A 25 5215702 CRADLE LIFT PAD LARGE ADAPTER ASSEMBLY 4 B 26 5530308 AB 3/4" x 7" 14 - 27 5550112 FTG NPL-04 NPT x -04 F NPT 2 - 28 5900280 ALI/LP FRAME ENGAGING LIFTS CUIDE 1 - 29 5900152 ALIGN OIM OPERATION INSPECTION & 1 - 30 5900147 SAFETY MANUAL ALI / SM 93-1 1 - 31 5905151 SAFETY MANUAL ALI / SM 93-1 1 - 32 5900370 XPR-12CL-18CL INSTALLATION MANUAL 1 - 32 5900370 XPR-12CL-18CL INSTALLATION MANUAL 1 - 30 NAME DATE - - - 32 5900370 XPR-12CL-18CL INSTALLATION MANUAL 1 - 30 NAME DATE - -
NOTE: UNLESS OTHERWISE SPECIFIED.1.INSERT PARTS BAG INTO PARTS BOX FOR SHIPMENT2.SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING3.THREAD 5535011 ONTO CABLES WITH 5545345 FOR SHIPMENT4.FOR 5220116 SPECIFICATIONS REFER TO PART SPECIFICATION FORM5.(*)5520116 QTY FOR REFERENCE ONLY	THIRD ANGLE PROJECTION THIRD ANGLE PROJECTION THIRD ANGLE PROJECTION TITLE: XPR-12CL/12CL-LWB PARTS BOX SIZE DWG. NO. REV



	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
А	PRODUCTION RELEASE, DERIVED FROM 800399	08/27/2009	TM	00293
A-001	UPDATED NEXT ASSEMBLY	09/08/2010	TM	00396
A-002	UPDATED NEXT ASSEMBLY	04/18/2011	MT	00454
В	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	01/12/2012	TM	00490
С	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	06/21/2013	TM	00605
C-001	UPDATED NEXT ASSEMBLIES	10/16/2014	TM	00663
C-002	UPDATED NEXT ASSEMBLIES	11/24/2015	TM	00738



		ITEM NO	PART NU	MBER			DESCRIF	PTIO	N	QTY	R	EV								
		1	55701		Ş	Ø10	ID HYDRA	-		1144m		-								
		2	555033						x -06 JIC	1		-								
		3	555033	36	FT	GN	<u>PL -06 CR</u>	IMP	x -06 JIC	1		-								
	NEXT ASSEMBLY	DO NOT SCA	LE DRAWING		NA	ME	DATE													
	5250039			DRAV	VN T/	м	08/27/2009	-		1645 LEMONW	OOD DR	R.								
	<u>5250040</u> 5250041	DIMENSIONS ARE IN MM TOLERANCES:		-		_		CHEC	KED C	A	02/22/2016		PROVIDING AUTOMOTIVE SERVICE SOLUTIONS	SANIA FAULA	, CA 730	100				
	5250041				THIRD ANGLE PROJECTION			TITLE:			~ ~ -									
	5250043		$0. = \pm 1.5$ $0.0 = \pm 1.0$		4				XPR HYDR/											
ERWISE SPECIFIED.	5250044	0.	$00 = \pm 0.25$ $00 = \pm 0.13$	-	-(\$)	- [/	ASSY Ø10 x	1219mr	n SB									
IFICATIONS REFER TO PART	5250045	ANGULAR: MA			\forall			SIZE	DWG. NO.		REV	7								
ORM R REFERENCE ONLY	<u>5250046</u> 5250047	FOR MACHINED SURFACES		SURFACE FINISH 1.6 ISO Ra µm		FOR MACHINER CUREACES		FOR MACHINED CUREACES								A	55700	017	С	
	5250048	UNLESS OTHERV	VISE SPECIFIED	THE SOLE P REPRODUC	ROPERTY OF BEI	NDPAK IN DR AS A V	NC. ANY VHOLE WITHOUT													
	5250049			THE WRITTEL PROHIBITED	N PERMISSION C	OF BENDP	PAK INC. IS		SCALE: 1:2	S	HEET 1 OI	νF 1								

NOTE: UNLESS OTHER

FOR ITEM 1 SPECIFI SPECIFICATION FO (*)ITEM 1 QTY FOR 1.

2.



BENDPAK Number:	5570129
MRP Description:	1/4" HYDRAULIC HOSE 31CL-0400X
Date:	11/10/2015
ECO :	00734

1. Engineering Specification

Application:

1/4" HYDRAULIC HOSE

Detailed Description:

ONE or TWO BRAID STEEL WIRE HYDRAULIC HOSE

SIZE: 1/4" / 6.3mm I.D. 0.53" / 13.4mm O.D.

SPECS: 3000PSI OR 207 BAR WORKING PRESSURE 12000PSI OR 827 BAR MINIMUM BURST PRESSURE 2" / 50mm MIN BEND RADIUS

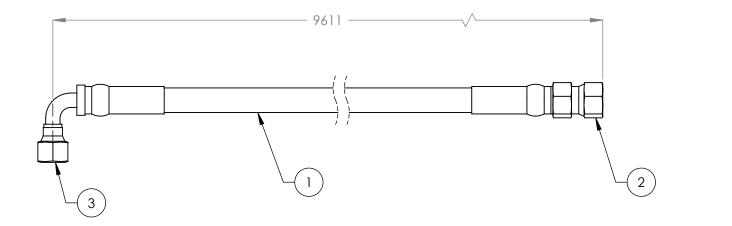
COLOR: BLACK

2. Vendor Information

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor	
1) PARKER	387-4	02283962772		
2)				
OR BENDPAK ENGINEERING APPROVED EQUIVALENT				



	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
В	UPDATED NEXT ASSEMBLY AND ADDED FITTING CALL OUT IN TITLE	01/11/2010	TM	00293
С	UPDATED TITLE TO REFLECT WHERE USED	02/15/2012	TM	00490
C-001	UPDATED NEXT ASSEMBLIES	07/02/2013	TM	00605
D	REPLACED 5570110 WITH 5570129	12/01/2014	TM	00673
D-001	UPDATED NEXT ASSEMBLIES	12/16/2015	TM	00738
C-001 D D-001	UPDATED NEXT ASSEMBLIES REPLACED 5570110 WITH 5570129	07/02/2013	TM TM	00

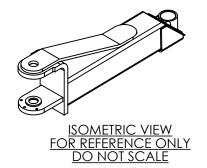


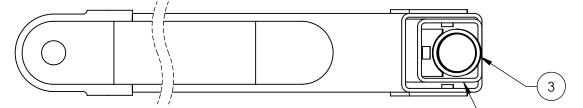
		ITEM NO	PART N	UMBER		DESCR	RIPTION	QTY	REV
		1	5570	0129	Ø6	.4 ID HYD	RAULIC HOSE	9551mm*	
		2	5550	0325	FTG N	NPL Ø1/4	CRIMP x -04 JIC	1	
		3	5550	0345	FTG I	ELB Ø1/4 (CRIMP x -04 JIC	1	
		DO NOT SCALE	DRAWING		NAME	DATE			
				DRAWN	GJ	10/20/2008	BP BendPak. ¹⁶	45 LEMONWOO NTA PAULA, C.	OD DR. A 93060
		DIMENSIONS ARE	IN MM	CHECKED	CA	02/22/2016			
		TOLERANCES:	$x = \pm 1.5$ $y = \pm 1.0$	THIRD A	NGLE PRO	DJECTION	TITLE:		
		0.00	$D = \pm 0.25$ $D = \pm 0.13$	4			XPR-12C/15/18		
		ANGULAR: MACH	H±2°)— - L		HOSE ASSY Ø6.3	5 x 9611m	-
NOTE: UNLESS OTHERWISE SPECIFIED.	NEXT ASSEMBLY	SURFACE FINISH 1	1.6 ISO Ra µm				SIZE DWG. NO.		REV
1. FOR ITEM 1 SPECIFICATIONS REFER TO PART SPECIFICATION FORM	5250041	UNLESS OTHERWI		THE INFORMATION	ARY AND CONF	THIS DRAWING IS	A 557015	50	D
	5250043			THE SOLE PROPER REPRODUCTION IN	PART OR AS A	WHOLE WITHOUT			
2. (JILM I GITTOK KEIEKENGE ONET	5250044			THE WRITTEN PERM PROHIBITED.	IISSION OF BENI	UPAK INC. IS	SCALE: 1:2	SHEE	T 1 OF 1

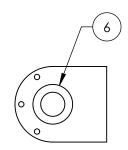
		-	REVISION			
		REV	DESCRIPTION	DATE	EDITED B	YIECO#
		С	UPDATED TITLE TO REFLECT WHERE U UPDATED NEXT ASSEMBLIES	SED, 02/07/201		00490
		D	UPDATED TITLE TO REFLECT WHERE U UPDATED NEXT ASSEMBLIES	SED, 06/27/201	7 TM	00605
		D-001 E	UPDATED NEXT ASSEMBLIES REPLACED 5570110 WITH 5570129 TO R	10/16/201		00663
			INVENTORY			
		E-001	UPDATED NEXT ASSEMBLIES	11/24/201	5 TM	00738
	2299(()				-(2)	
NOTE: UNLESS OTHERWISE SPECIFIED.	NEXT ASSEMB 5250039 5250040 5250041 5250042 5250043 5250044		5570129 Ø6.4 ID HYI 5550325 FTG NPL Ø1/4 5550345 FTG ELB Ø1/4 TSCALE DRAWING NAME DRAWN GJ 10/13/2006 CHECKED CA 02/22/2016	PROVIDING ALTOMOTIVE SERVICE SOLUTIONS	ARFLOOR HOSE AS	 CA 93060
1. FOR ITEM 1 SPECIFICATIONS REFER TO PART	5250045 5250046	SURFACE	R: MACH±2° FINISH 1.6 ISO Rg µm	SIZE DWG. NO.		REV
SPECIFICATION FORM	5250047 5250048	FOR MAC	CHINED SURFACES THERWISE SPECIFIED THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY EPRPODICTION IN PART OR AS A WHOLE WITHOUT			E
2. (*)ITEM 1 QTY FOR REFERENCE ONLY	5250049		THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.	SCALE: 1:2	SH	HEET 1 OF 1

	REVISION			
REV	DESCRIPTION	DATE	EDITED BY	ECO#
В	UPDATED BOM REVISION	09/22/2015	TM	00729
С		11/25/2015	TM	00738
D	UPDATED TITLE TO REFLECT WHERE USED, UPDATED BOM REVISION	02/19/2016	TM	00750

2





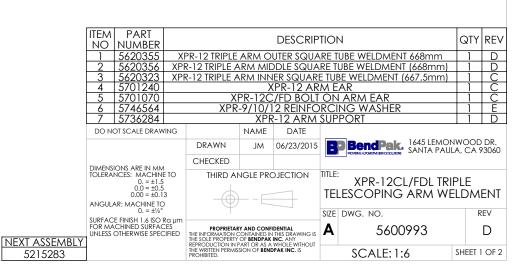


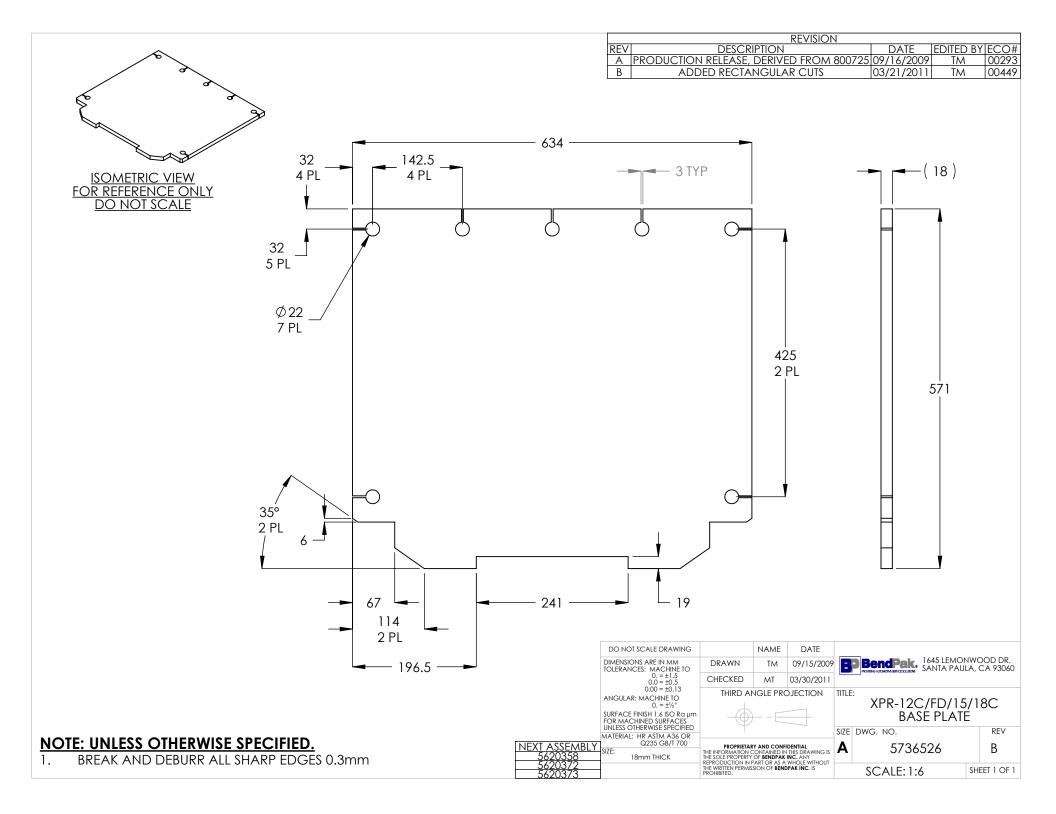
(5)	

SECTION A-A

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
- 5. 5620356 & 5620323 MUST SLIDE FREELY







BENDPAK Number:	5900147
MRP Description:	SAFETY MANUAL ALI / SM 93-1
Date:	12/28/2010
ECO :	00431

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



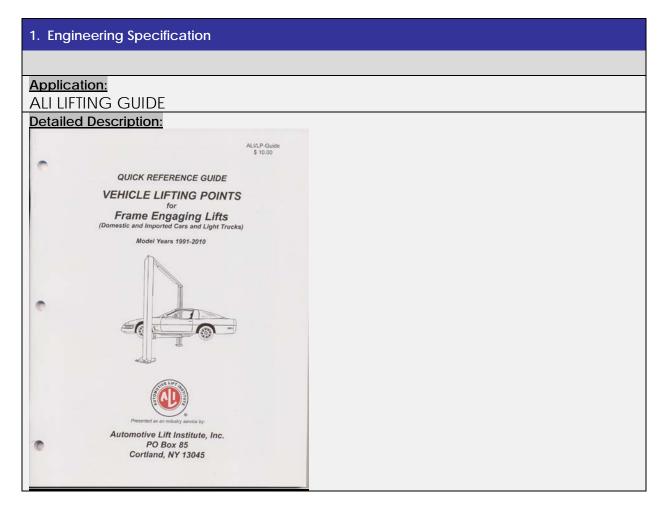
BENDPAK Number:	5900152
MRP Description:	ALIGN OIM OPERATION INSPECTION & MAINTENANCE
Date:	12/28/2010
ECO :	00431

1. Engineering Specification						
Application: ALI OPERATION INSPECTION & MAINTENANCE MANUAL						
Detailed Description:						
<text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text>						

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



BENDPAK Number:	5900280
MRP Description:	ALI/LP FRAME ENGAGING LIFTS GUIDE
Date:	12/28/2010
ECO :	00431

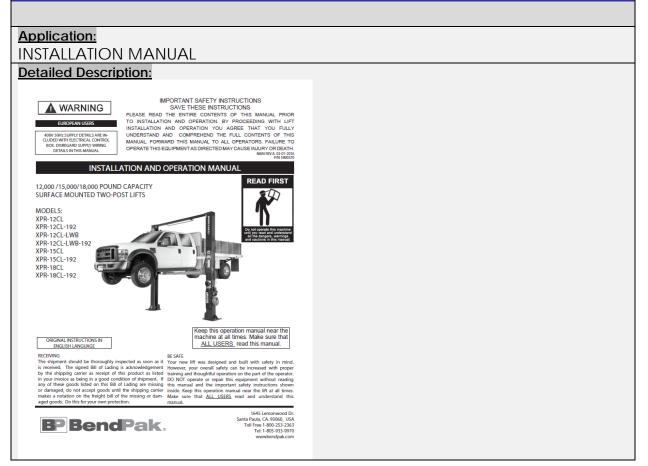


2. Vendor Information			
Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



BENDPAK Number:	5900370
MRP Description:	XPR-12CL-18CL INSTALLATION MANUAL
Date:	03/15/2016
ECO :	00750

1. Engineering Specification



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



BENDPAK Number:	5905109
MRP Description:	WARNING ALI/WL 101
Date:	06/18/2013
ECO :	00605

1. Engineering Specification



Approved Vendor Vendor Part # Contact # Preferred Vendor 1) Image: Contact # Image



BENDPAK Number:	5905177
MRP Description:	TO PROLONG LIFT OF TWO
Date:	06/18/2013
ECO :	00605

1. Engineering Specification

Application: RED CYLINDER WARNING

Detailed Description:

<u>SIZE:</u> 3" L x 1.75" W (76mm x 44mm)

PLEASE READ

Internal packing oil may cause the cylinders to bleed oil during start up. This is normal. To extend cylinder and seal life, raise the lift to full height at least once every day.

2. Vendor Information

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			

PLEASE READ Internal packing oil may cause the cylinders to bleed oil during start up. This is normal. To extend cylinder and seal life, raise the lift to full height at least once every day.



BENDPAK Number:	5905311
MRP Description:	BENDPAK LABEL; 4 x 38" WHITE INK
Date:	05/13/2015
ECO :	00689

1. Engineering Specification **Application: BENDPAK LABEL Detailed Description:** SIZE: 38" L x 4.25" W (965mm x 108mm) Material: Yellow Represents Clear Adhesive PET ٠ Size: 4.25"W x 38"H • Thickness: 4 Mil • Finish: Polished • Ink: U.V. protected, Opaque White ٠ • 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			
Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			





www.bendpak.com

P/N 5905311



BENDPAK Number:	5905404
MRP Description:	MAX CAP DANGER 12K
Date:	06/19/2013
ECO :	00605

1. Engineering Specification

Application:	
LIFT CAPACITY STICKER	
Detailed Description:	
A DANGER	<u>SIZE:</u> 3.25" L x 4.5" W (82mm x 114mm)
THE MAXIMUM LIFTING CAPACITY FOR THIS LIFT IS DESCRIBED BELOW	
Maximum Lifting Capacity 12,000 lbs. / 5443 kg	
Max. Lifting Cap. / Front of Lift Center 6000 lbs. / 2722 kg	
Max. Lifting Cap. / Rear of Lift Center 6000 lbs. / 2722 kg	
Exceeding the weight capacity of this lift can damage lift and/or property and may cause personal harm, injury or death to operators and/or bystanders. All vehicles MUST be positioned on lift with CENTER OF GRAVITY midway between adapters and/or centered on runways. Damage to lift due to overloading or misuse IS NOT covered under warranty.	

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



THE MAXIMUM LIFTING CAPACITY FOR THIS LIFT IS DESCRIBED BELOW

Maximum Lifting Capacity 12,000 lbs. / 5443 kg

Max. Lifting Cap. / Front of Lift Center 6000 lbs. / 2722 kg

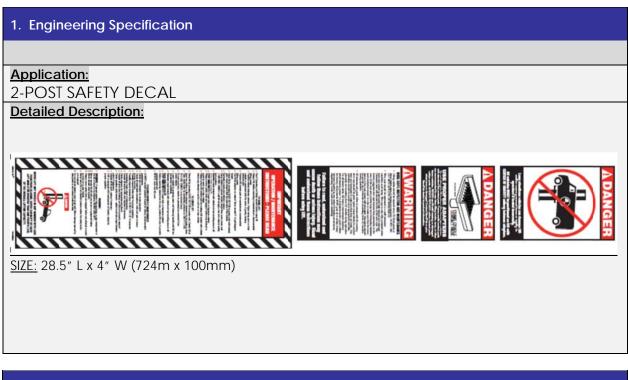
Max. Lifting Cap. / Rear of Lift Center 6000 lbs. / 2722 kg

Exceeding the weight capacity of this lift can damage lift and/or property and may cause personal harm, injury or death to operators and/or bystanders. All vehicles MUST be positioned on lift with CENTER OF GRAVITY midway between adapters and/or centered on runways. Damage to lift due to overloading or misuse IS NOT covered under warranty.

P/N 5905404



BENDPAK Number:	5905555
MRP Description:	2-POST SAFETY DECAL
Date:	06/18/2013
ECO :	00605

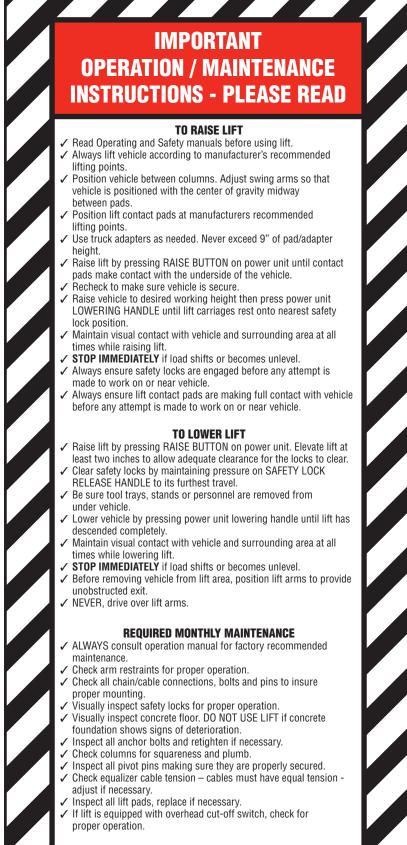


2. Vendor Information			
Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			



- Wire rope should be maintained in a well-lubricated condition at all times. Wire rope is only fully protected when each wire strand is lubricated both internal and external. Excessive wear will shorten the life of the wire rope. The factory suggests wire rope lubricant that penetrates to the core of the rope and provides long-term lubrication between each individual strand. In order to make sure that the inner layers of the rope remain well lubricated, lubrication should be carried out at intervals not exceeding three (3) months
- during operation.
- All sheaves and guide rollers in contact with the moving wire rope should be given regular visual checks for surface wear and lubricated to make sure that they run freely. This operation should be carried out at appropriate intervals generally not exceeding three (3) months during operation. For all sheave axles, the factory recommends standard wheel bearing grease. For all sheaves and/or guide rollers, the factory recommends 90-WT gear oil or similar heavy lubricant applied by any method including pump/spray dispensing, brush, hand and/or swabbing.

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



WARNING! 1. WARNING: If cement anchor bolts are loose, or any component of



4. Always insure safety locks are engaged before any attempt is made 5. Never leave lift in an elevated position unless the safety locks 6. Do not permit electric motor to get wet! Motor damage caused by dampness is not covered under warranty. CAUTION

NEVER LIFT ANY VEHICLE IN ANY MANNER WITH LESS THAN FOUR (4) ARMS. RATED CAPACITY OF EACH LIFT ARM IS NO GREATER THAN ONE FOURTH (1/4) OF THE OVERALL LIFTING CAPACITY.

BendPak, Inc.®

P/N 5905555



BENDPAK Number:	5905660	
MRP Description:	MAX CAP NRTL DANGER 12K	
Date:	05/06/2013	
ECO :	00593	

1. Engineering Specification

Application: LIFT CAPACITY STICKER FOR CE LIFTS Detailed Description: SIZE: 3.25" L x 4.5" W (82mm x 114mm) SIZE: 3.25" L x 4.5" W (82mm x 114mm) SIZE: 3.25" L x 4.5" W (82mm x 114mm) MAXIMUM LIFTING CAPACITY 12000 LbSs. 54443 Kg. N STOCOM

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, WWW.BENDI	
	LIFT TYPE: SURFACE MOUNT	CAP: MED/HVY DTY MFG. BPK SEE D	ATA PLATE FOR PRODU	CT DETAILS
	POWER: ELECTRIC/HYDRAULIC	C INSTALLATION - SEE OWN	ERS GUIDE OR CONTAC	T FACTORY
	THAT ARE LOCATED IN THE LOAI LISTING OR AFFECT INTENDED CERTIFIED FOR USE ON THIS LIF	ACHMENTS, ACCESSORIES OR CONFIGUR D PATH, AFFECT OPERATION OF THE LFT, VEHICLE ACCOMMODATION ARE USED ON FT, THEN THE CERTIFICATION OF THIS LIF R INFORMATION PERTAINING TO CERTIFIE G COMPONENTS.	AFFECT THE LIFT ELECT N THIS LIFT AND, IF THEY T SHALL BECOME NULL	TRICAL ARE NOT AND VOID.
	ASTM E488 - 96(2003). LIFT BUYE SEISMIC ANCHORING REQUIRE	WITH CONCRETE FASTENERS MEETING T ERS ARE RESPONSIBLE FOR ANY SPECIAL MENTS SPECIFIED BY ANY OTHER AGENC () AND/OR INTERNATIONAL BUILDING COD	L REGIONAL STRUCTUR	AL AND/OR
		E OR IMPORT OF THIS PRODUCT MAY BE S APPLICATIONS, OWNED BY BENDPAK, INC ENGINEERED BY BENDPAK INC. US	2.	RE UNITED
<u>SI</u>	<u>ZE:</u> 2.3″ L x 4.5″ W	/ (58mm x 114mm)		

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



SANTA PAULA, CA USA WWW.BENDPAK.COM PN 5905940

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

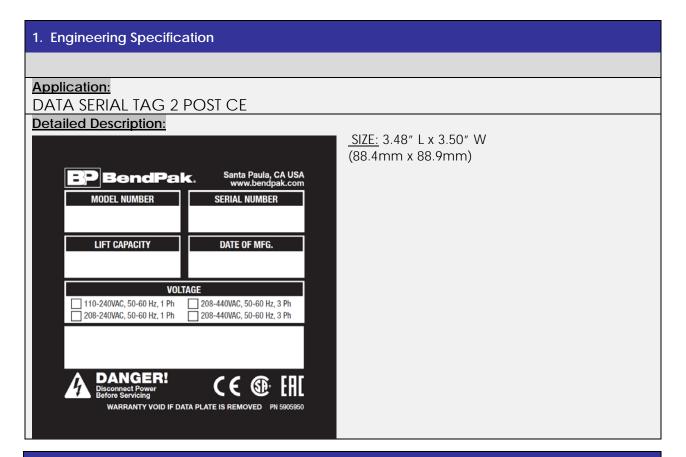
SAFETY INSTRUCTIONS: IF ATTACHMENTS, ACCESSORIES OR CONFIGURATION MODIFYING COMPONENTS THAT ARE LOCATED IN THE LOAD PATH, AFFECT OPERATION OF THE LIFT, AFFECT THE LIFT ELECTRICAL LISTING OR AFFECT INTENDED VEHICLE ACCOMMODATION ARE USED ON THIS LIFT AND, IF THEY ARE NOT CERTIFIED FOR USE ON THIS LIFT, 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:	5905950	
MRP Description:	2015_SERIAL_TAG-A-5905950	
Date:	11/06/2015	
ECO :	00738	



2. Vendor Information (Or for Reference)

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

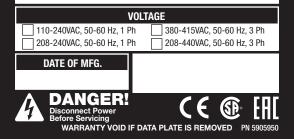


MODEL NUMBER

SERIAL NUMBER

LIFT CAPACITY

DESCRIPTION





2016 2-Post Lifts Colors & Graphics

XPR-9DS	
XPR-9DTS	
XPR-9DS-LP	
XPR-10S	
XPR-10S-LP	
XPR-10TS	

XPR-10AS XPR-10AS-LP XPR-12FDL XPR-12CL XPR-15CL XPR-18CL

* Does not include Models XPR-9, XPR-9TS & XPR-9-LP 1/7/16

CONFIDENTIAL INFORMATION.

You may not disclose, print, copy or disseminate this information. Unauthorized use is a violation of federal criminal law.

2-Post Lifts Product Decal Positioning

B



P/N 5905311

BPK Post Lift Decal.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

Total of 4



2-Post Safety Decal.pdf:

Size: 4"W x 28.75"H

Material: White Vinyl Pressure Sensitive Adhesive

Thickness: 4 Mil

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

Finish: Polished

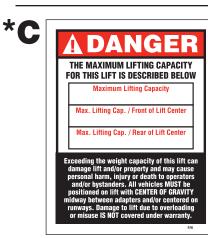
Print Process: Offset Lithography - 200 linescreen or 300 p.p.i. for digital

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

Place on BACK of Powerside Post

2-Post Lifts Product Decal Positioning

*



P/N 5905401 - Max Cap. Danger 7k P/N 5905402 - Max Cap. Danger 9k P/N 5905403 - Max Cap. Danger 10k P/N 5905404 - Max Cap. Danger 12k P/N 5905405 - Max Cap. Danger 15k P/N 5905406 - Max Cap. Danger 18k

*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



P/N 5905645 - Max Cap. Attention 7k P/N 5905650 - Max Cap. Attention 9k P/N 5905655 - Max Cap. Attention 10k P/N 5905660 - Max Cap. Attention 12k P/N 5905670 - Max Cap. Attention 15k P/N 5905675 - Max Cap. Attention 18k

*Max. Cap. Attention.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 overlaminate for abrasion, chemical, and ultra violet protection

***DEPENDS ON LIFT MODEL AND CAPACITY**



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

NOTICE NOTICE NOTICE

ALI Blue

P/N 5905109 (As a set E, F & G) C CAUTION A CAUTION **A CAUTION** AUTION elopment and validation of these labels was institute. PO Box 33116 Indialantic. FL 3290 by copyright. Set of labels may be obta



ALI Yellow

ALI Orange

2-Post Lifts Product Decal Positioning

PLEASE READ

Internal packing oil may cause the cylinders to bleed oil during start up. This is normal. To extend cylinder and seal life, raise the lift to full height at least once every day.

P/N 5905177 Place on BOTH Posts

J

LR-60_Warning_Instructions_Label.pdf:

Size: 3"W x 1.75"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

ALI-Gold-Label-5905326.pdf

CERTIFIED AUTOMOTIVE LIFT Automotive Lift Institute ANSI Accredited Certification Program Accreditation Number 0584 Verified and Administered by Intertex Testing Services NA Inc. D THE FROVISIONS OF ANSIALI ALCTV-2006 ETL LISTED SAFETY STANDARD FOR GARAGE EQUIPMENT CONFORMS TO ANSIVLL. STD 201 MOTOR OPERATED APPLIANCES MOUSENOLD & COMMERCIALI CERTIFIED TO CANICGA STD C222 NO.68 Intertek Testing Services NA Inc. CORTLAND, NEW YORK 13045

P/N 5905326 *FOR ALI APPROVED LIFTS ONLY

BP BendPak.	Santa Paula, CA USA www.bendpak.com
MODEL NUM	BER
SERIAL NUM	BER
LIFT CAPACITY	DESCRIPTION
VOLTAGE	
	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 PI	LATE IS REMOVED PN 5905951

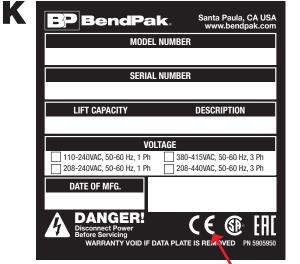
2015_Serial_Tag-B-5905951.pdf:

Size: 3"W x 3"H

Material: 2 Mil. Gloss polyester thermal transfer label with a high performance permanent acrylic adhesive.

Ink: 1 Color-Black

***FOR NON-CE APPROVED LIFTS ONLY**

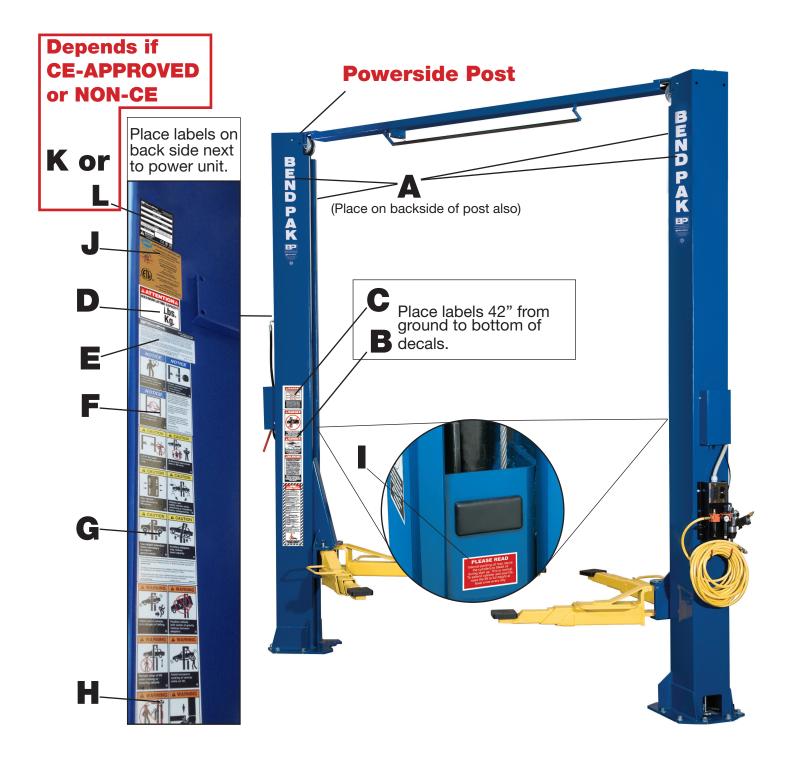


2015_Serial_Tag-A-5905950.pdf: Size: 3"W x 3"H Material: 2 Mil. Gloss polyester thermal transfer

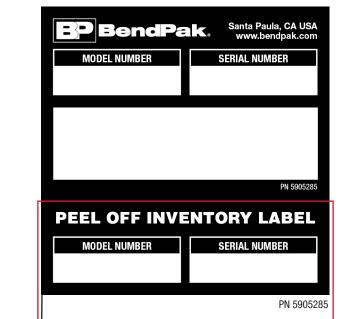
label with a high performance permanent acrylic adhesive.



P/N 5905951



2 Post Lifts Packaging



Serial_Tag_New-2015_Peel_Off-5905285.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

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

