

Service Manual

SERVICE PARTS & DIAGRAMS

BENDPAK

LR-60

PRODUCT SKU
5175729

DRAWING Nº
5260167

CATEGORY
Low-Rise Scissor Lift

REV
Version AG

DATE
09.27.2022



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.

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Santa Paula, CA 93060 USA
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customerservice@bendpak.com

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Office Tel: 1-805-933-9970
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parts@bendpak.com

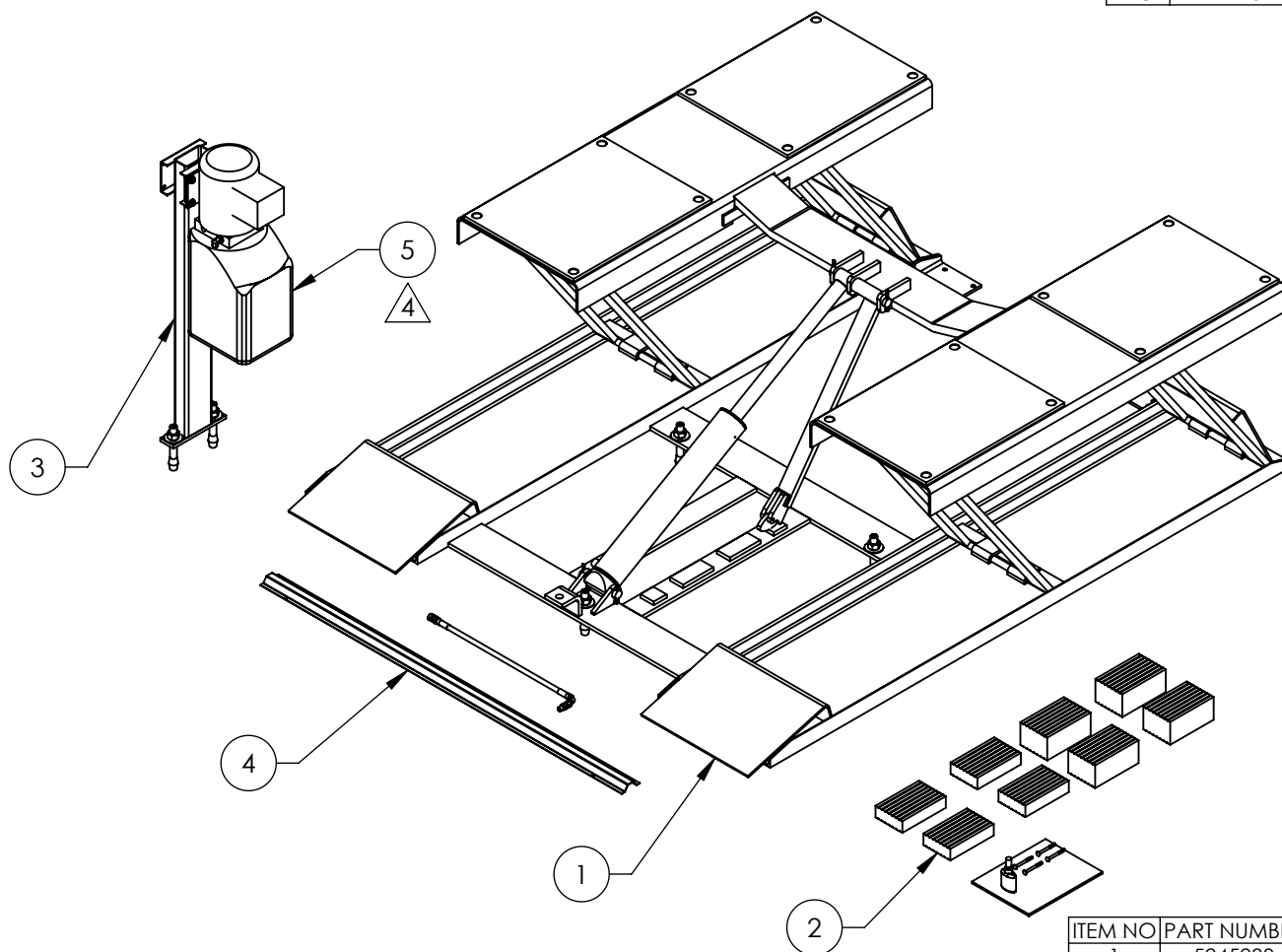
Domestic Sales & Service

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#
AE	REPLACED 5600001 WITH 5601768	01/17/2022	TM	01379
AF	UPDATED BOM REVISION	01/21/2022	CA	01383
AG	UPDATED BOM REVISION	07/29/2022	TM	01433



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5245233	LR-60/60P LIFT SUPERSTRUCTURE	1	N
2	5250021	LR-60 PARTS BOX	1	L
3	5601768	POWER UNIT STAND WELDMENT	1	B
4	5701656	HYDRAULIC HOSE COVER 1372mm	1	A
5	REF	POWER UNIT	1	-

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TM	10/04/2010
CHECKED OR	08/26/2022

THIRD ANGLE PROJECTION



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BendPak
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: LR-60 PRODUCTION LIFT
VER A

SIZE DWG. NO. REV
A 5260167 AG

SCALE: 1:20

SHEET 1 OF 3

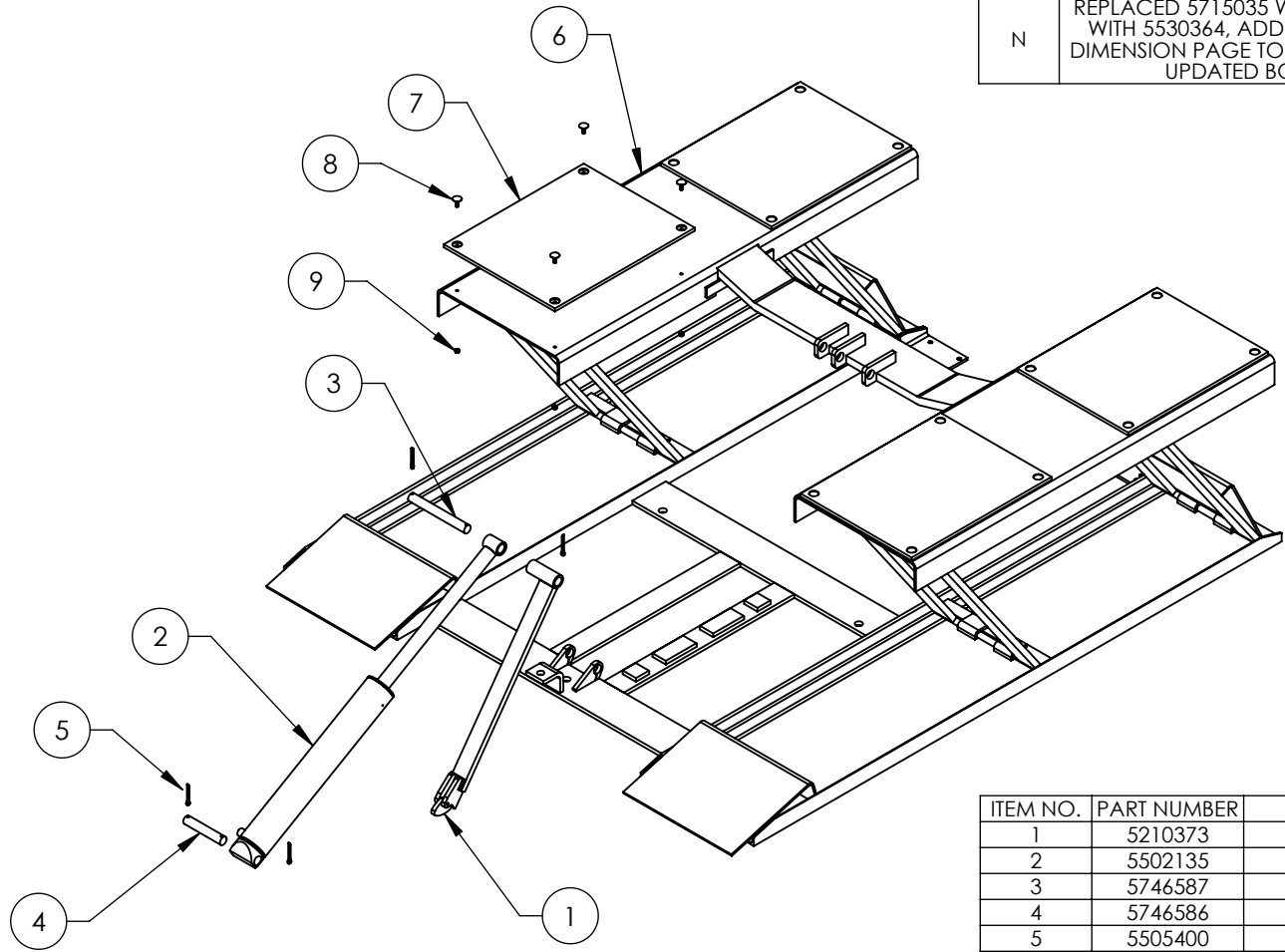
NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
3. SEE COLORS & GRAPHICS FOR LABEL PLACEMENT



POWER UNIT REFERENCE ON PURCHASE ORDER

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
L	UPDATED BOM REVISION	11/14/2018	TS	01025
M	REAPLCED 5505350 WITH 5505400, ADDED 5715035 AND 5530366, ADDED LOCK HEIGHTS (pg2), UPDATED BOM REVISIONS	09/20/2019	CA	01128
N	REPLACED 5715035 WITH 5715048, 5530366 WITH 5530364, ADDED 5535357, MOVED DIMENSION PAGE TO TOP LEVEL DRAWING, UPDATED BOM REVISION	07/29/2022	TM	01433



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5210373	LR-60/60P SAFETY BAR ASSEMBLY	1	D
2	5502135	CYLINDER ASSEMBLY Ø3.0 X 18	1	E
3	5746587	UPPER HINGE PIN	1	B
4	5746586	DLR-6/LR-60 LOWER CYLINDER PIN	1	B
5	5505400	COTTER PIN Ø6 x 50mm	4	-
6	5600526	LR-60 LIFT WELDMENT	1	K
7	5715048	DLR-6, LR-60 RAMP BOLT-ON RUBBER PAD	4	A
8	5530364	ELEVATOR BOLT M6 x 1.0 x 25	16	A
9	5535357	NUT M6 x 1.0 NL	16	B

WHERE USED
LR-60 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. SEE COLORS & GRAPHICS FOR LABEL PLACEMENT
3. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
4. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5260167
5260168

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TM	10/04/2010
CHECKED OR	08/26/2022

THIRD ANGLE PROJECTION



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1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

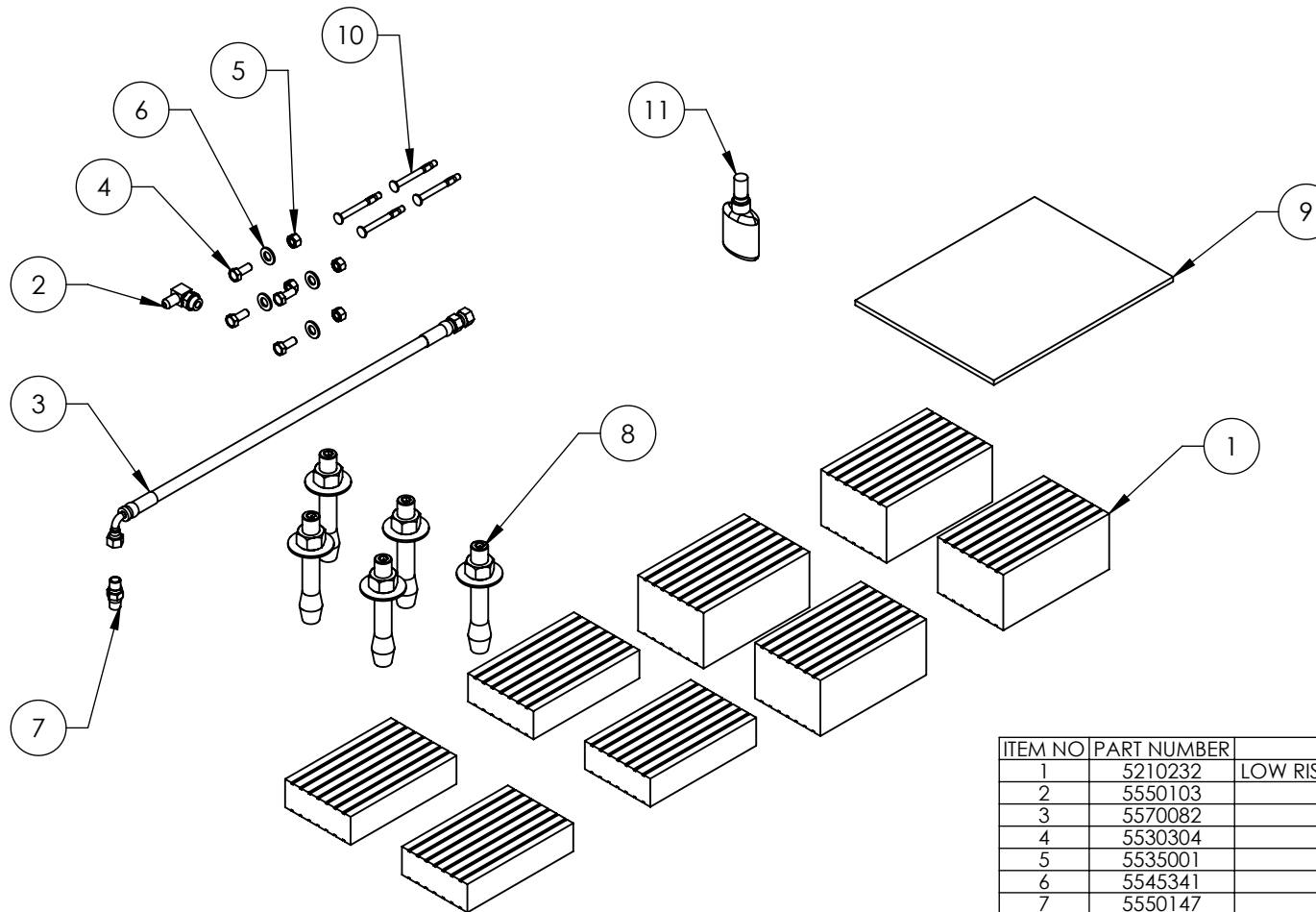
TITLE: LR-60/60P LIFT
SUPERSTRUCTURE

SIZE	DWG. NO.	REV
A	5245233	N

SCALE: 1:20

SHEET 1 OF 1

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
J	REPLACED 5545021 WITH 5545341	03/27/2019	CA	01067
K	REPLACED 5300002 WITH 5210232, 5530201 AND 5535119 WITH 5530312	09/23/2019	CA	01128
L	ADDED 5580012	03/31/2020	TM	01152



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5210232	LOW RISE SCISSOR LIFT RUBBER PAD KIT, SET OF 8	1	A
2	5550103	FTG ELB -04 JIC -06 ORB	1	-
3	5570082	HOSE ASSY Ø6.4 x 2873mm SB	1	A
4	5530304	HHB M8 x 1.25 x 20	4	-
5	5535001	NUT M8 x 1.25 NL	4	-
6	5545341	WASHER M10 x Ø20 FLAT	4	-
7	5550147	FTG NPL -04 JIC x -04 NPT	1	-
8	5530456	AB 3/4" x 4 - 3/4"	5	-
9	5900337	LR-60/60P INSTALLATION MANUAL	1	-
10	5530365	AB 1/4" x 2 1/2" DRIVE	4	-
11	5580012	LIQUID PTFE THREAD SEALANT 50ml	1	-

WHERE USED
LR-60

NOTE: UNLESS OTHERWISE SPECIFIED.

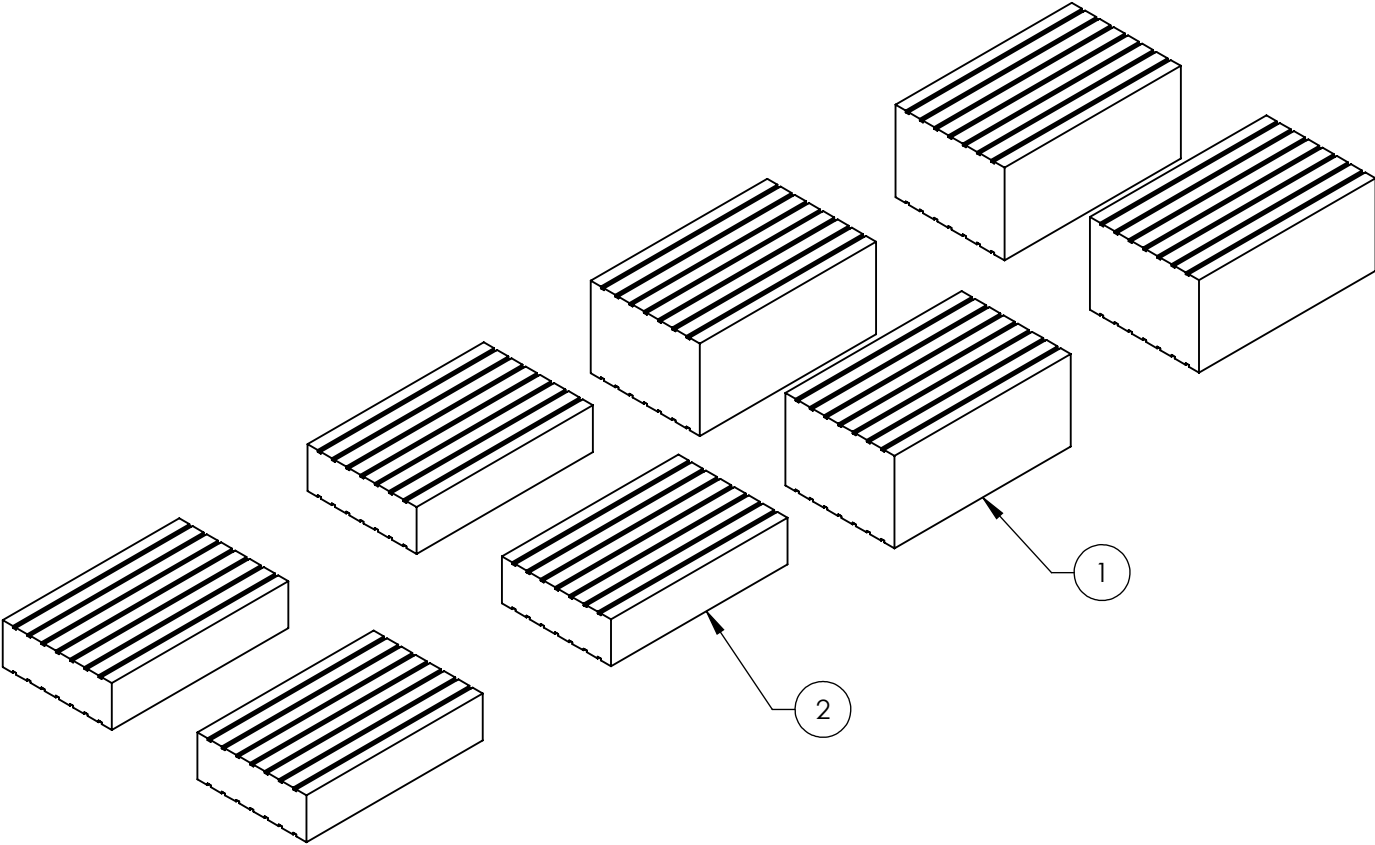
1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

NEXT ASSEMBLY
5260167

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DRAWN		TM	10/04/2010	
CHECKED		OR	04/03/2020	
DIMENSIONS ARE IN MM		THIRD ANGLE PROJECTION		TITLE:
				LR-60 PARTS BOX
				SIZE DWG. NO.
				REV
				L
		SCALE: 1:8		SHEET 1 OF 1

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REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5210944	09/18/2019	TM	01128






WHERE USED
LR-60 SERIES
DLR-6 SERIES
MDS-6 SERIES
P9000LT SERIES
SP-7XE SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

- REFER TO MODEL FOR ADDITIONAL INFORMATION
- SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

NEXT ASSEMBLY ACCESSORY
5250020
5250021
5250034
5250054
5250062
5250063
5250064
5250110
5250174
5250317
5250318

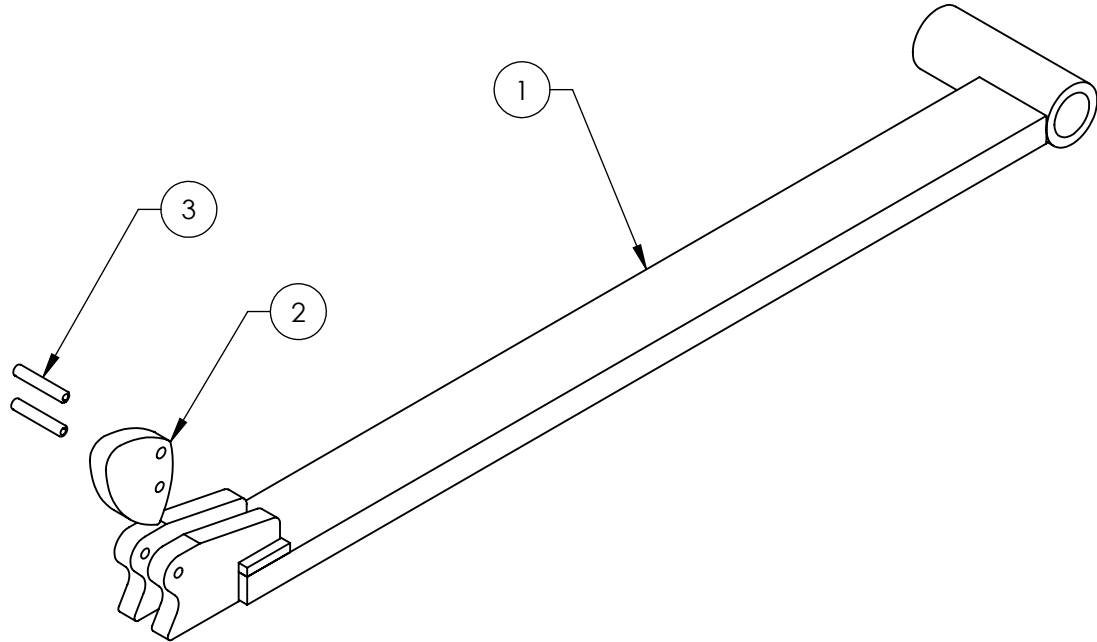
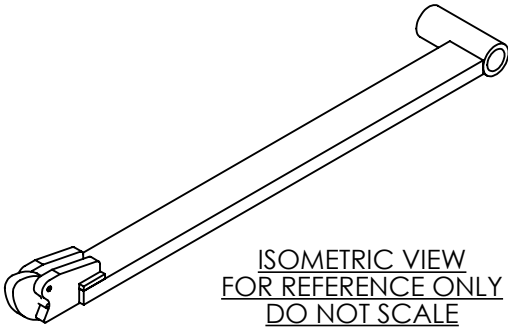
ITEM NO	PART NUMBER	DESCRIPTION			QTY	REV
1	5300862	LOW RISE SCISSOR LIFT 75mm RUBBER PAD KIT, SET OF 4			1	A
2	5300861	LOW RISE SCISSOR LIFT 38mm RUBBER PAD KIT, SET OF 4			1	A

DO NOT SCALE DRAWING		NAME	DATE	 BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
 DIMENSIONS ARE IN MM		DRAWN	TM 09/18/2019		
		CHECKED	CA 11/01/2019		
		THIRD ANGLE PROJECTION			
				TITLE: LOW RISE SCISSOR LIFT RUBBER PAD KIT, SET OF 8	

A	SIZE	DWG. NO.	REV
		5210232	A
	SCALE: 1:5		SHEET 1 OF 1

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REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED BOM REVISION	09/18/2015	JM	00726
C	UPDATED BOM REVISION	09/18/2018	TM	00996
D	UPDATED BOM REVISION	11/14/2018	TS	01025



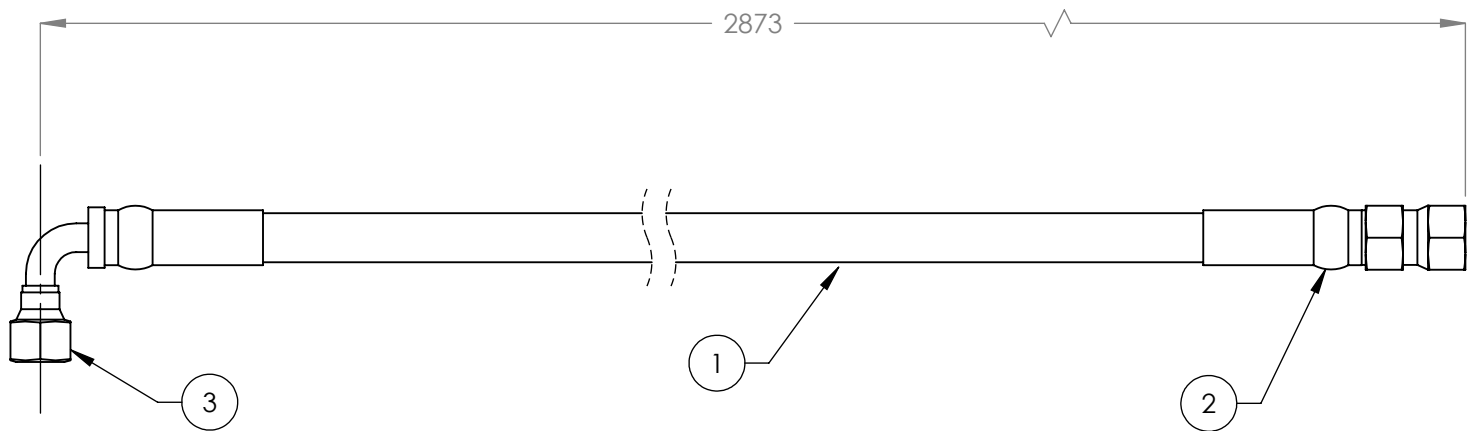
ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5210372	LR-60/60P SAFETY BAR WELDMENT	1	C
2	5736676	DLR-6/LR-60 SAFETY LATCH	1	E
3	5505141	SPRING PIN M6 x 36	2	--

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DRAWN		TS	04/14/2014		
CHECKED		CA	11/26/2018		
DIMENSIONS ARE IN MM		THIRD ANGLE PROJECTION		TITLE:	
				LR-60/60P SAFETY BAR ASSEMBLY	
				SIZE DWG. NO.	
		<small>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.</small>		A 5210373	
				D	
NEXT ASSEMBLY		5245233		SCALE: 1:4	
				SHEET 1 OF 1	

NOTE: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE ITEMS AS SHOWN

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



WHERE USED
DLR-6
LR-60

NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5250021
5250317

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	2819mm*	-
2	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	1	-
3	5550345	FTG ELB Ø1/4 CRIMP x -04 JIC	1	-

DO NOT SCALE DRAWING	NAME	DATE
	DRAWN TS	10/05/2016
	CHECKED DB	12/05/2016

DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13	THIRD ANGLE PROJECTION	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	<p>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.</p>	<p>BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060</p>

TITLE: HOSE ASSY Ø6.4 x 2873mm SB	
SIZE DWG. NO. A 5570082	REV A
SCALE: 1:2	

PART SPECIFICATION FORM

ACP

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:

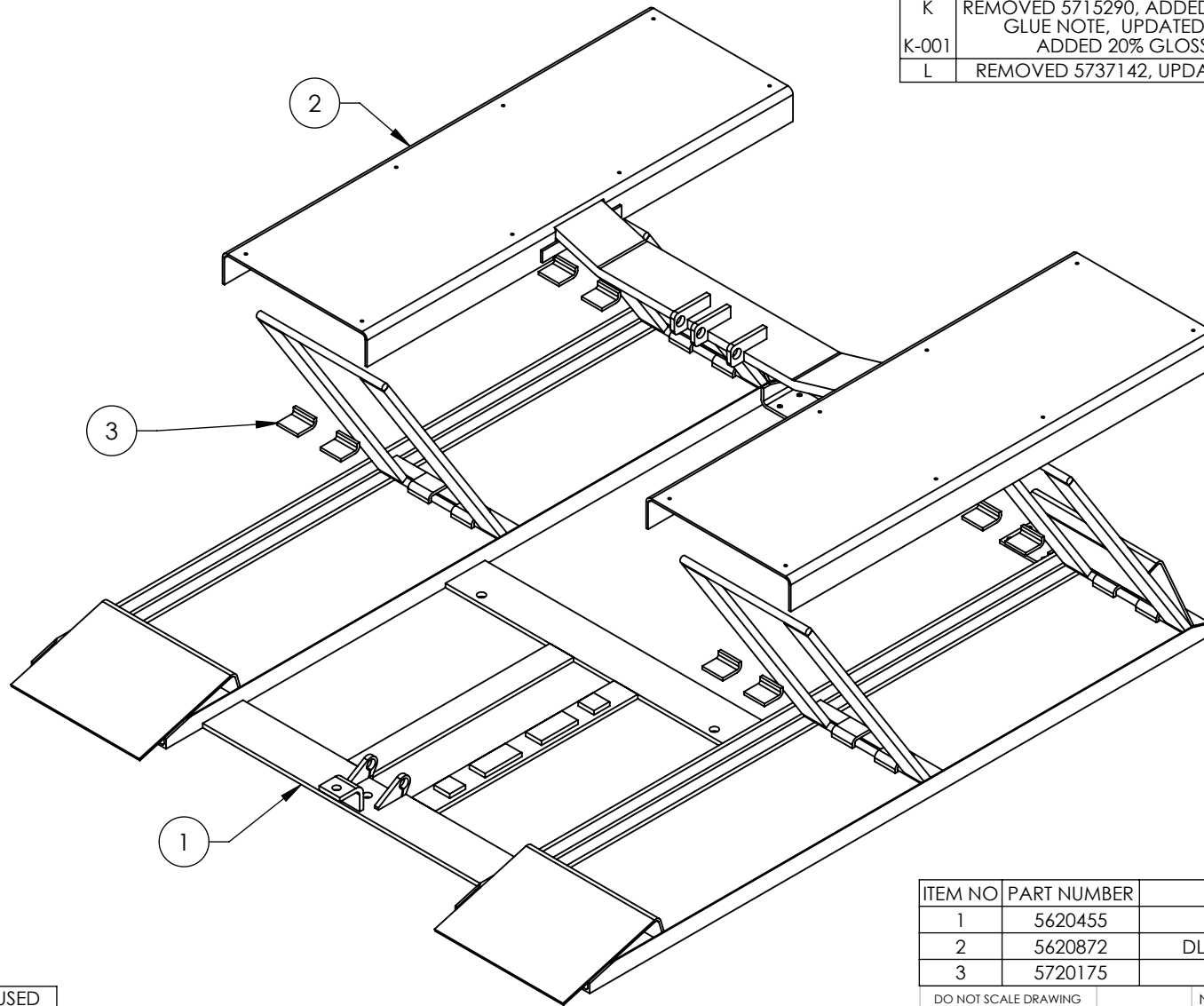
Xin Yurong
Shandong Ningjin High Energy Hose Co., Ltd.
Tel: +86 534-5421821
No. 7, Taishan Rd., Industrial Park, Ningjin County, Shandong, China



2. Vendor Information (Or for Reference)

Approved Vendor	Vendor Part #	Contact #	AUTHORIZED COMPONENT PROVIDER
1) Ningjin Hydraulic Hose Co.	5570129	+86 534-5421821	X
2)			
OR BENDPAK ENGINEERING APPROVED EQUIVALENT			

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
J	UPDATED BOM REVISIONS	10/06/2016	TS	00781
J-001	UPDATED PAINT WAS BLUE NOW GREY	06/12/2018	TS	00956
K	REMOVED 5715290, ADDED 5737142, REMOVED GLUE NOTE, UPDATED BOM REVISIONS	09/20/2019	CA	01128
K-001	ADDED 20% GLOSS PAINT NOTE	08/11/2020	TM	01188
L	REMOVED 5737142, UPDATED BOM REVISION	07/28/2022	TM	01433



WHERE USED
LR-60 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. REMOVE ALL WELD SPLATTER
4. DIMENSIONS SHOWN ARE AFTER PAINTING
5. PAINT GRAY (RAL-7024) 20% GLOSS

NEXT ASSEMBLY
5245233

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5620455	DLR-6/LR-60 BASE WELDMENT	1	H
2	5620872	DLR-6/6P/LR-60/60P COVER WELDMENT	1	D
3	5720175	DL-6/6P/LR-60/P HINGE HOLDER	8	C

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM
TOLERANCES:

0. = ±1.5
0.0 = ±0.5

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

NAME	DATE
DRAWN TM	10/01/2010
CHECKED OR	08/25/2022

THIRD ANGLE PROJECTION



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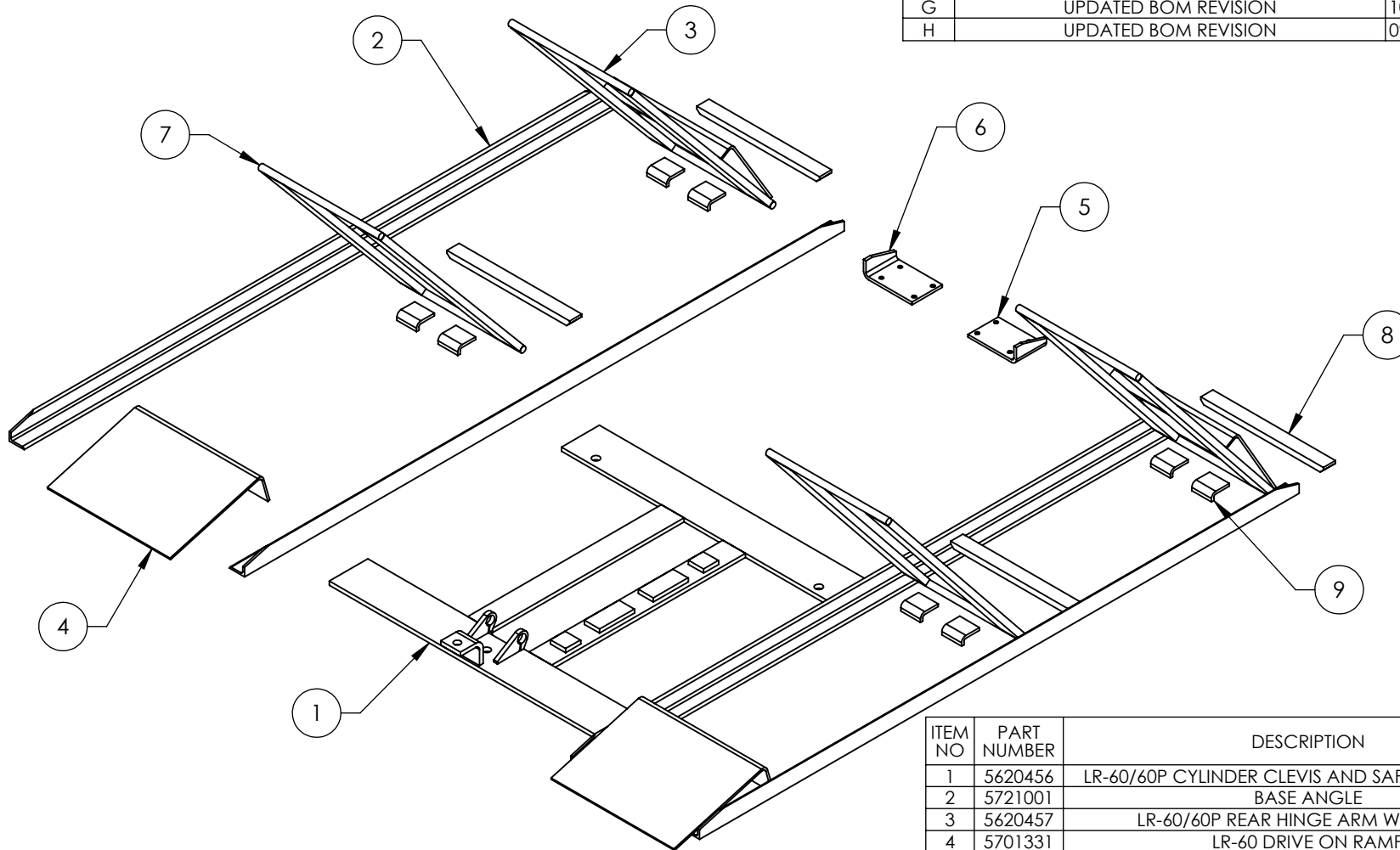
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE:
LR-60 LIFT WELDMENT

SIZE DWG. NO. REV
A 5600526 K

SCALE: 1:15 SHEET 1 OF 3

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
F	UPDATED BOM REVISION	03/21/2016	TM	00753
G	UPDATED BOM REVISION	10/06/2016	TS	00781
H	UPDATED BOM REVISION	09/26/2019	CA	01128



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5620456	LR-60/60P CYLINDER CLEVIS AND SAFETY WELDMENT	1	C
2	5721001	BASE ANGLE	4	A
3	5620457	LR-60/60P REAR HINGE ARM WELDMENT	2	D
4	5701331	LR-60 DRIVE ON RAMP	2	B
5	5736343	LR-60P WHEEL SUPPORT ANGLE RH	1	A
6	5736344	LR-60P WHEEL SUPPORT ANGLE LH	1	A
7	5620137	LR-60/60P HINGE ARM WELDMENT	2	D
8	5735422	LR-60/P,P-6/F HINGED ARM STOP BAR	4	B
9	5720175	LR-60/P HINGE HOLDER	8	C

WHERE USED
DLR-6 SERIES
LR-60 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. REMOVE ALL WELD SPLATTER

NEXT ASSEMBLY
5600526
5601562

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM
TOLERANCES:
0. = ±1.5
0.0 = ±0.5

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

NAME	DATE
DRAWN TM	09/29/2010
CHECKED CA	11/1/2019

THIRD ANGLE PROJECTION



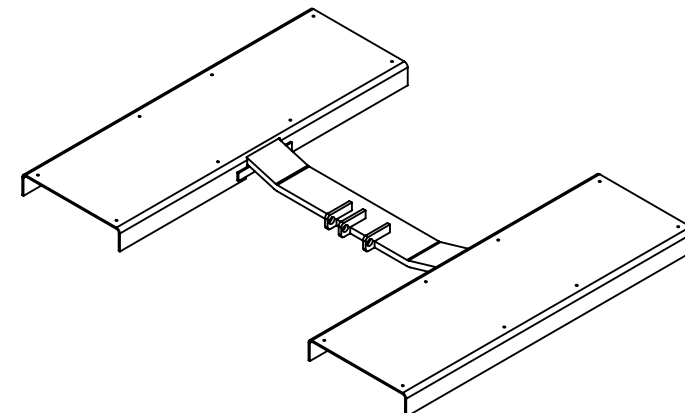
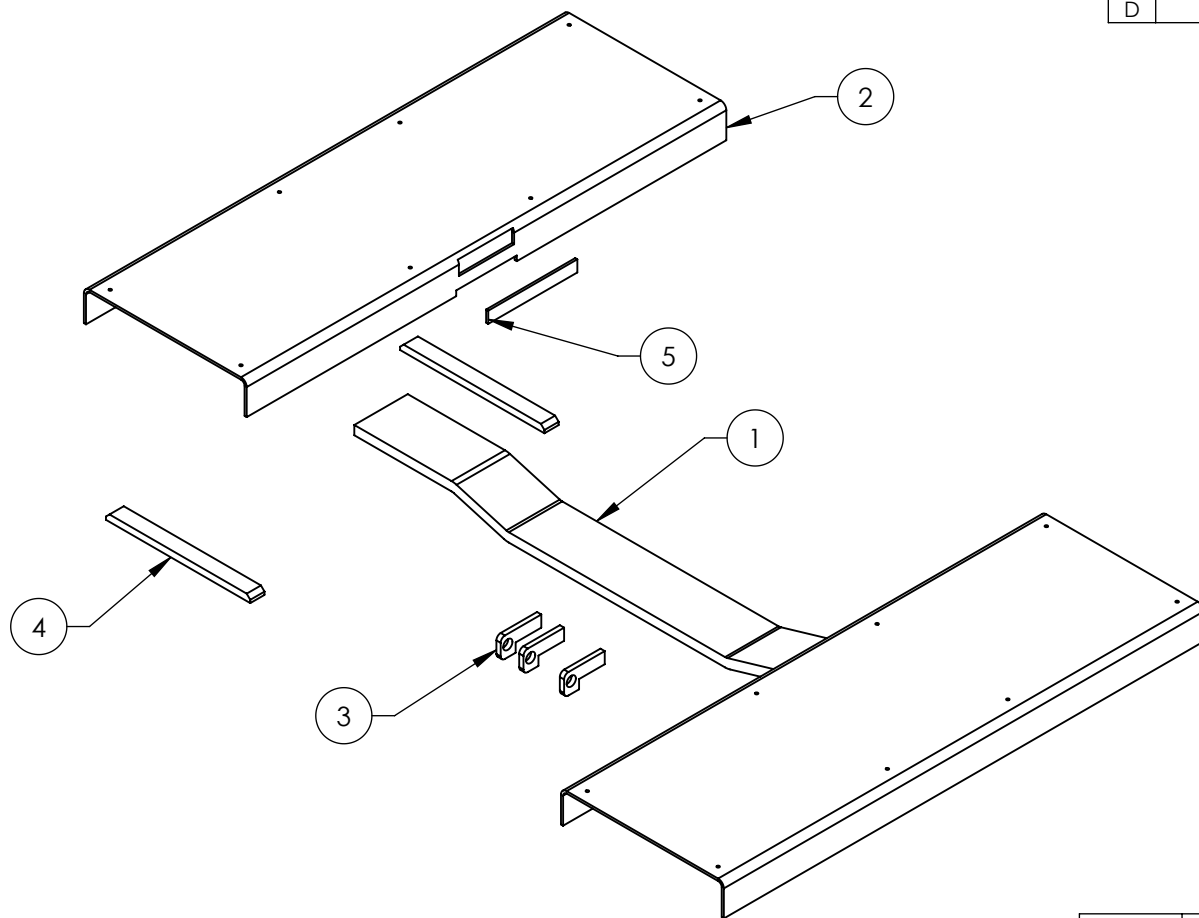
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SANTA PAULA, CA 93060

TITLE:	DLR-6/LR-60 BASE WELDMENT		
SIZE	DWG. NO.	REV	
A	5620455	H	
SCALE: 1:15		SHEET 1 OF 4	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	REPLACED 5620003 WITH 5735422, UPDATED BOM REVISION	04/15/2014	TS	00654
C	ADDED 5735619, UPDATED NEXT ASSEMBLY	10/07/2016	TS	00781
D	UPDATED BOM REVISION	07/28/2022	TM	01433



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

WHERE USED
DLR-6 SERIES
LR-60 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. REMOVE ALL WELD SPLATTER

NEXT ASSEMBLY
5600526
5601562

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5736342	LR-60/60P PUSH BAR	1	A
2	5701333	DLR/LR-60/60P RAMP COVER	2	B
3	5736338	LR-60/60P TOP CLEVIS	3	A
4	5735422	LR-60/P,P-6/F HINGED ARM STOP BAR	4	B
5	5735619	LR-60/60P COVER REINFORCEMENT STRIP	2	A

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM
TOLERANCES:
0. = ±1.5
0.0 = ±0.5

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

NAME	DATE
DRAWN TM	10/01/2010
CHECKED OR	08/25/2022

THIRD ANGLE PROJECTION



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1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: DLR-6/6P/LR-60/60P
COVER WELDMENT

SIZE DWG. NO. REV
A 5620872 D

SCALE: 1:15

SHEET 1 OF 2

PART SPECIFICATION FORM STANDARD

BENDPAK Number:	5900337
MRP Description:	LR-60/60P INSTALLATION MANUAL
Date:	12/09/2020
ECO :	---

1. Engineering Specification

Application:

INSTALLATION MANUAL

Detailed Description:

Print Settings for BendPak Manuals

Unless otherwise specified, use these settings for printing BendPak manuals:

- **Color:** Black and white.
- **Size:** A4 (210 to 297 mm), 8.5 by 11 inches (216 to 279 mm), or between
- **Binding:** Saddle stitched
- **Paper:** 100 to 120 gsm (27 to 32 pound), uncoated



1645 Lemonwood Dr.
Santa Paula, CA 93060 USA
Toll Free (800) 253-2363
Tel: (805) 933-9970
bendpak.com

Low-Rise Scissor Lift Installation and Operation Manual

Manual P/N 5900337 — Manual Revision F — December 2020

Models:

- LR-60
- LR-60P



LR-60 shown.

Designed and engineered by BendPak Inc. in Southern California, USA. Made in China.



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 other operators also read this manual. Keep the manual near the product for future reference. ***By proceeding with setup and operation, you agree that you fully understand the contents of this manual and assume full responsibility for product use.***

2. Vendor Information (Or for Reference)

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