

Service Manual

SERVICE PARTS & DIAGRAMS

BENDPAK

MD-6XP

PRODUCT SKU

5175730

DRAWING Nº

5260652

CATEGORY

Mid-Rise Scissor Lift

REV

Version E

DATE

03.08.2022



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

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customerservice@bendpak.com

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parts@bendpak.com

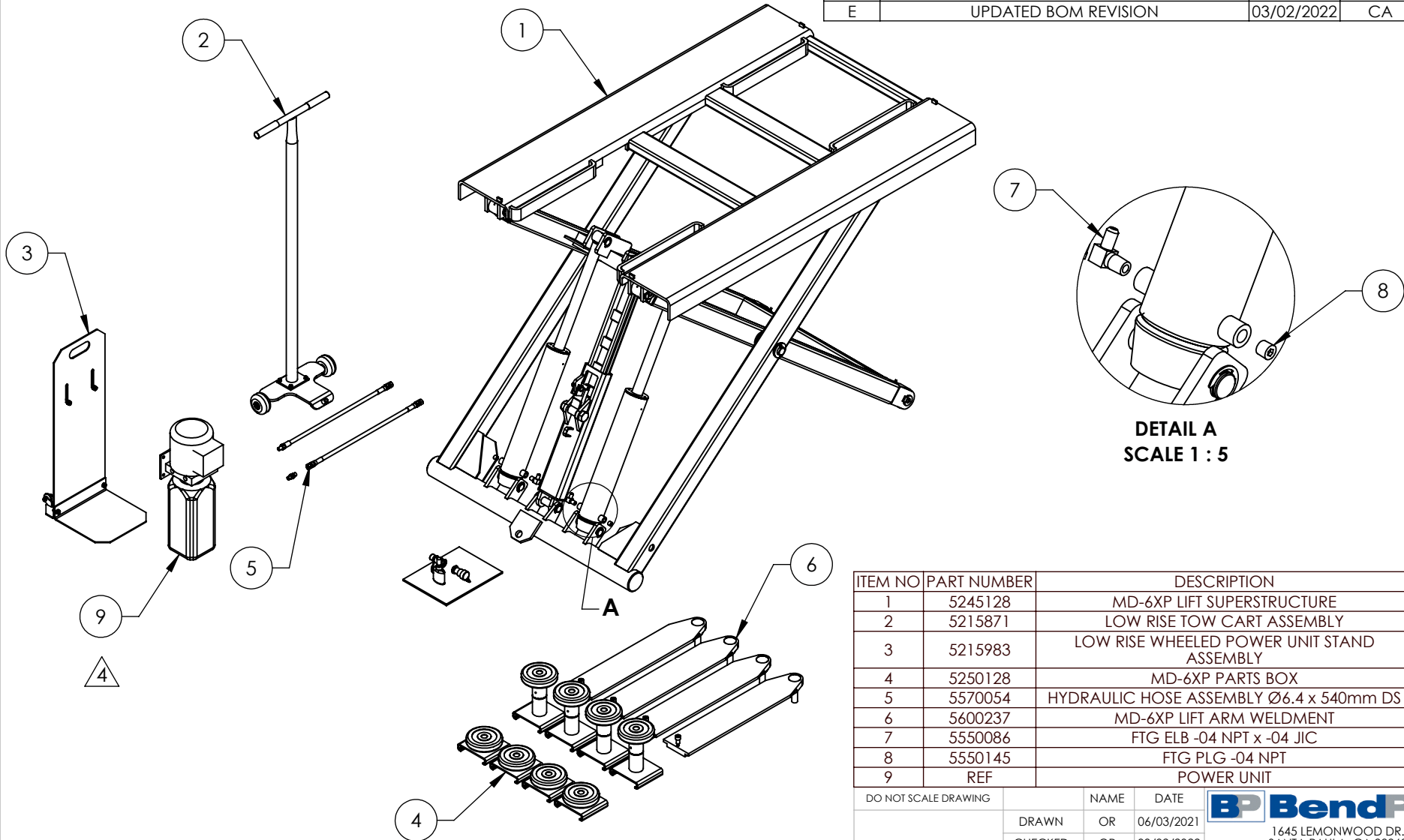
Domestic Sales & Service

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Fax: 1-805-933-9160
sales@bendpak.com

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

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	REPLACED LABELS WITH COLORS & GRAPHICS NOTE, REPLACED 5940070 WITH PACKAGING INSTRUCTION NOTE	09/30/2021	CA	01350
D	ADDED POWER UNIT AND REFERENCE NOTE, UPDATED BOM REVISION	12/17/2021	CA	01368
E	UPDATED BOM REVISION	03/02/2022	CA	01397



DETAIL A
SCALE 1 : 5

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5245128	MD-6XP LIFT SUPERSTRUCTURE	1	N
2	5215871	LOW RISE TOW CART ASSEMBLY	1	C
3	5215983	LOW RISE WHEELED POWER UNIT STAND ASSEMBLY	1	C
4	5250128	MD-6XP PARTS BOX	1	W
5	5570054	HYDRAULIC HOSE ASSEMBLY Ø6.4 x 540mm DS	1	C
6	5600237	MD-6XP LIFT ARM WELDMENT	4	C
7	5550086	FTG ELB -04 NPT x -04 JIC	2	-
8	5550145	FTG PLG -04 NPT	2	-
9	REF	POWER UNIT	1	-

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN OR	06/03/2021
CHECKED OR	03/02/2022

THIRD ANGLE PROJECTION



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1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

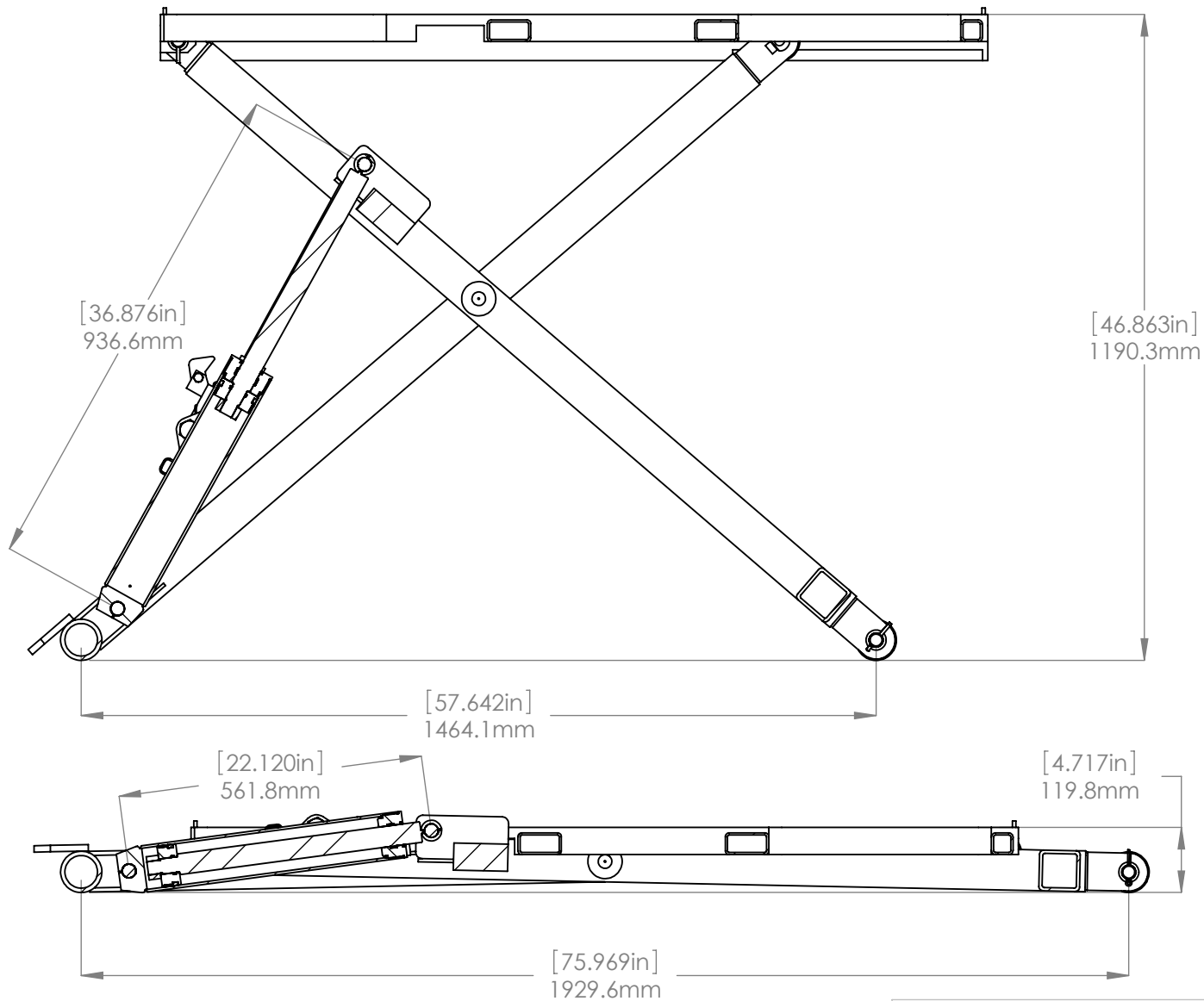
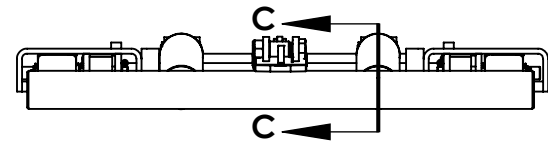
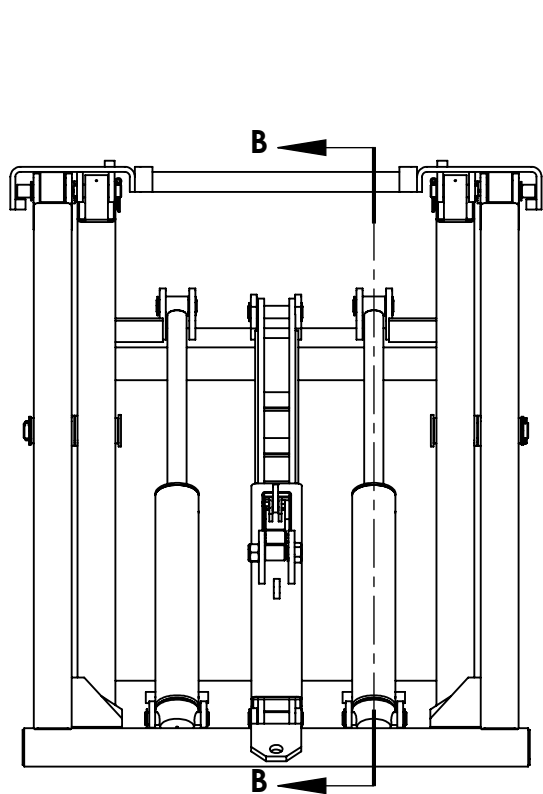
TITLE: MD-6XP PRODUCTION
LIFT VER C

SIZE DWG. NO. REV
A 5260652 E

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
4. POWER UNIT REFERENCE ON PURCHASE ORDER



BP BendPak.

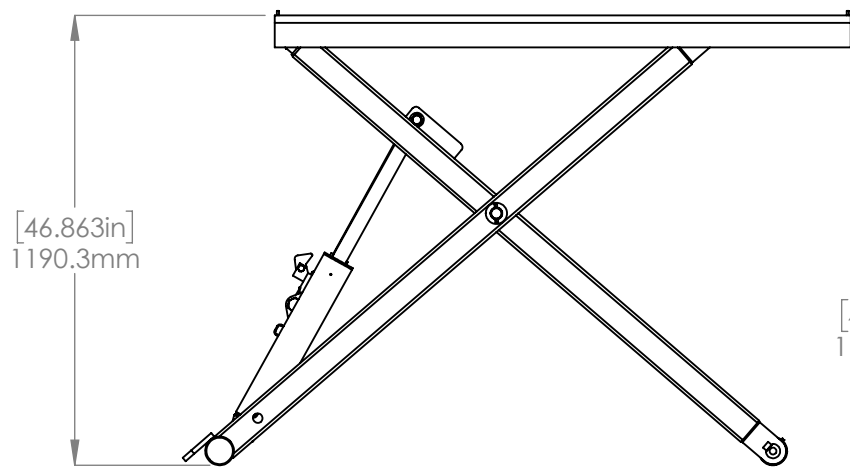
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: MD-6XP PRODUCTION
LIFT VER C

SIZE	DWG. NO.	REV
A	5260652	E

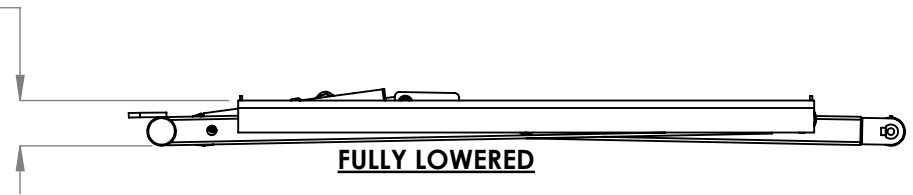
SCALE: 1:12

SHEET 2 OF 3

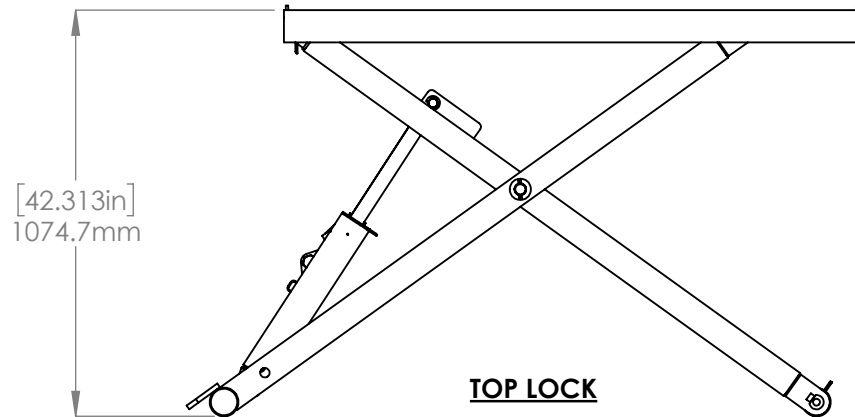


FULLY RAISED

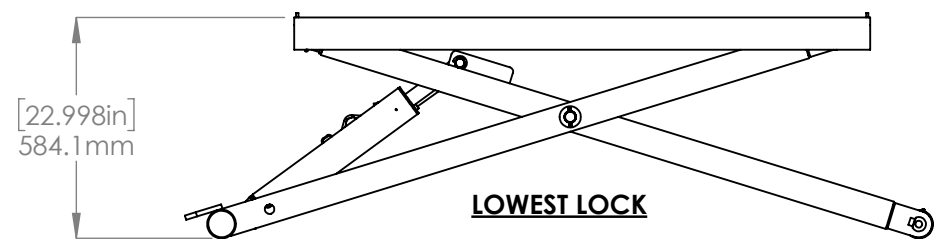
[4.717in]
119.8mm



FULLY LOWERED

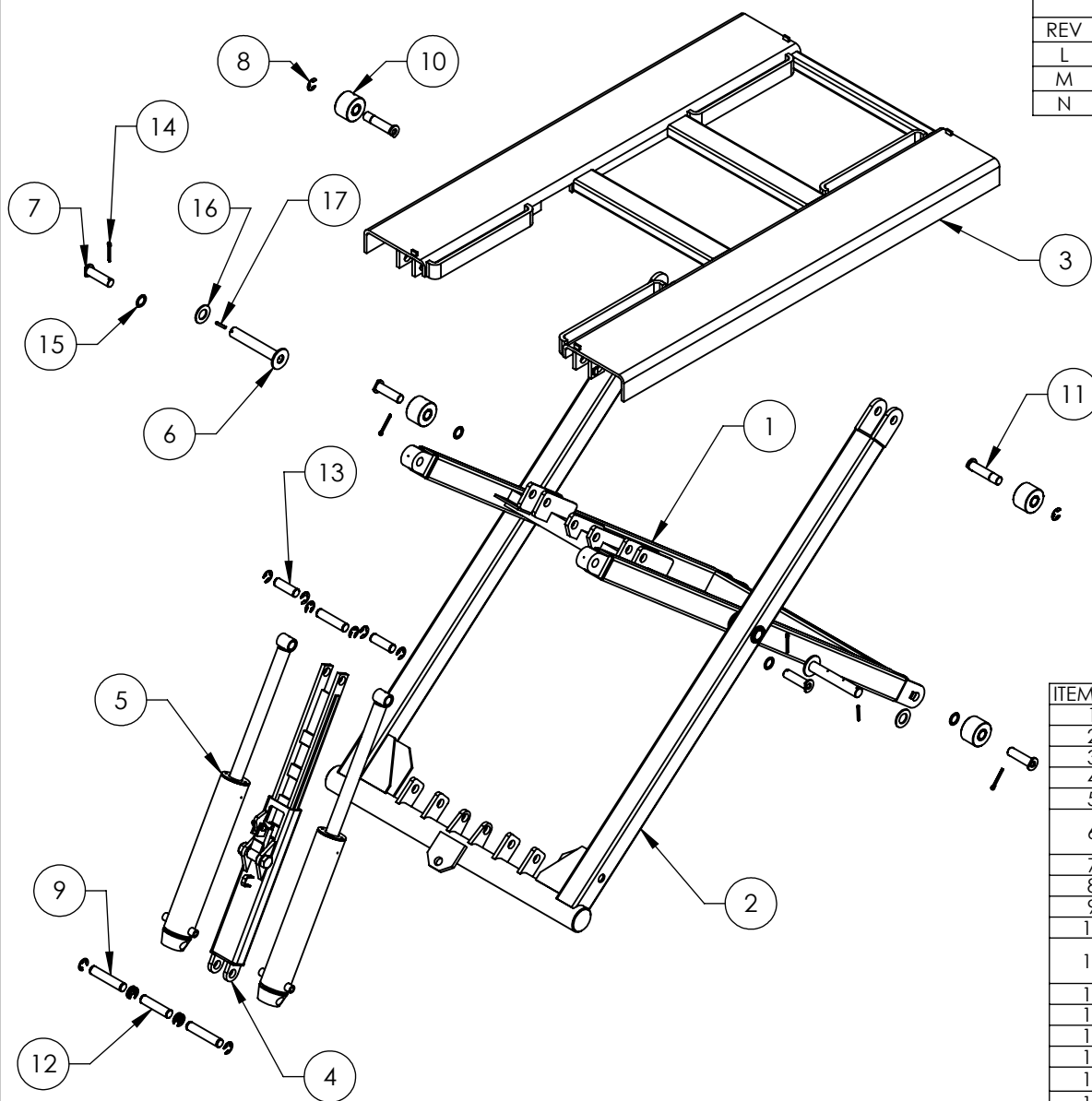


TOP LOCK



LOWEST LOCK

BP BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
TITLE: MD-6XP PRODUCTION LIFT VER C		
SIZE	DWG. NO.	REV
A	5260652	E
SCALE: 1:20		SHEET 3 OF 3



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
L	UPDATED BOM REVISION	06/16/2016	TS	00766
M	UPDATED BOM REVISION	08/03/2017	TS	00861
N	UPDATED BOM REVISION	06/03/2021	OR	01306

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5600238	MD-6XP INNER ARM WELDMENT	1	C
2	5600240	MD-6XP OUTER ARM WELDMENT	1	C
3	5600239	MD-6XP COVER WELDMENT	1	D
4	5215253	MD-6XP SAFETY ASSEMBLY	1	C
5	5502175	CYLINDER ASSEMBLY Ø3.0 x 15	2	F
6	5601085	DMR-6/MD-6XP MAIN ARM PIVOT PIN WELDMENT	2	A
7	5505723	DMR-6/MD-6XP INNER ARM PIN WELDMENT	4	D
8	5540275	E RING Ø25mm OD DIN 6799 0250	14	--
9	5505722	MD-6XP CYLINDER PIN, LOWER	2	A
10	5215265	DMR-6/MD-6XP ROLLER ASSEMBLY	4	C
11	5505719	DMR-6/MD-6XP OUTER SCISSOR ROLLER PIN WELDMENT	2	B
12	5505720	DMR-6/MD-6XP SAFETY PIN	2	A
13	5505721	DMR-6/MD-6XP CYLINDER PIN, UPPER	2	A
14	5505400	Ø6 x 50mm COTTER PIN	4	--
15	5545001	WASHER 25mm x 37mm	4	--
16	5545415	WASHER M30 x 56 FLAT	2	--
17	5505106	SPRING PIN M6 x 50	2	--

NOTE: UNLESS OTHERWISE SPECIFIED.

- SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
- ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5260169

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TM	02/19/2009
CHECKED	

THIRD ANGLE PROJECTION



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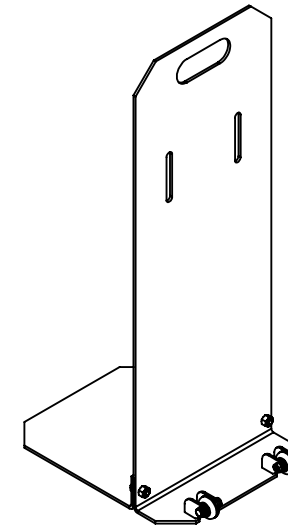
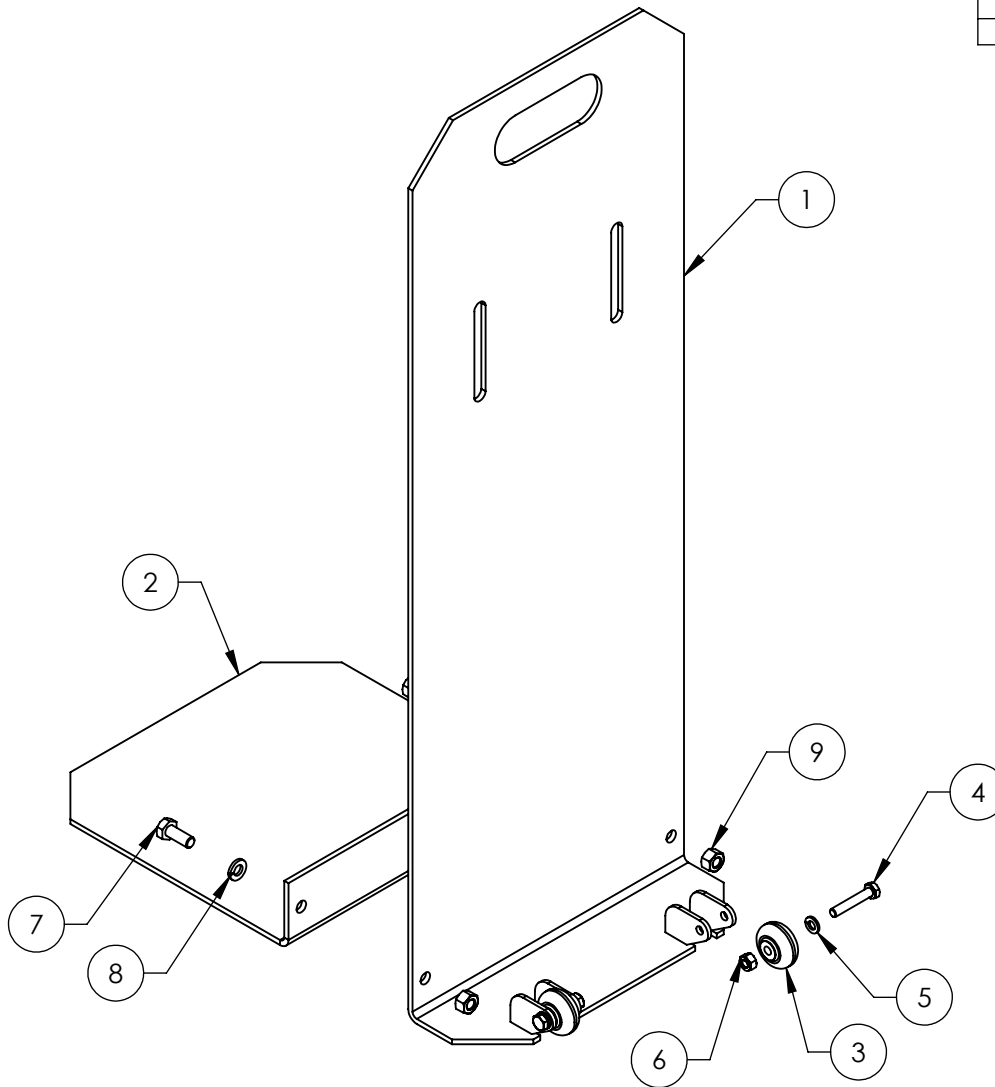
TITLE: MD-6XP LIFT
SUPERSTRUCTURE

SIZE	DWG. NO.	REV
A	5245128	N

SCALE: 1:20

SHEET 1 OF 1

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	08/11/2020	TM	01188
B	UPDATED BOM REVISION AND NEXT ASSEMBLY	12/17/2021	CA	01368
C	UPDATED BOM REVISION	03/02/2022	CA	01397



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601407	LOW RISE POWER UNIT STAND WELDMENT	1	D
2	5737141	LOW RISE POWER UNIT STAND EXTENSION PLATE	1	B
3	5716192	QUICKJACK POLYURETHANE WHEEL	2	E
4	5530027	HHB M6 x 1.0 x 35	2	--
5	5545026	WASHER M6 x Ø12 SL	2	--
6	5535357	NUT M6 x 1.0 NL	2	--
7	5530304	HHB M8 x 1.25 x 20mm	2	--
8	5545202	WASHER M8 x Ø15 SL	2	--
9	5535001	NUT M8 x 1.25 NL	2	--

WHERE USED
LR-60P
MD-6XP
DLR-6P
DMR-6

NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

NEXT ASSEMBLY
5260168
5260630
5260632
5260652

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TM	08/10/2020
CHECKED OR	03/02/2022

THIRD ANGLE PROJECTION



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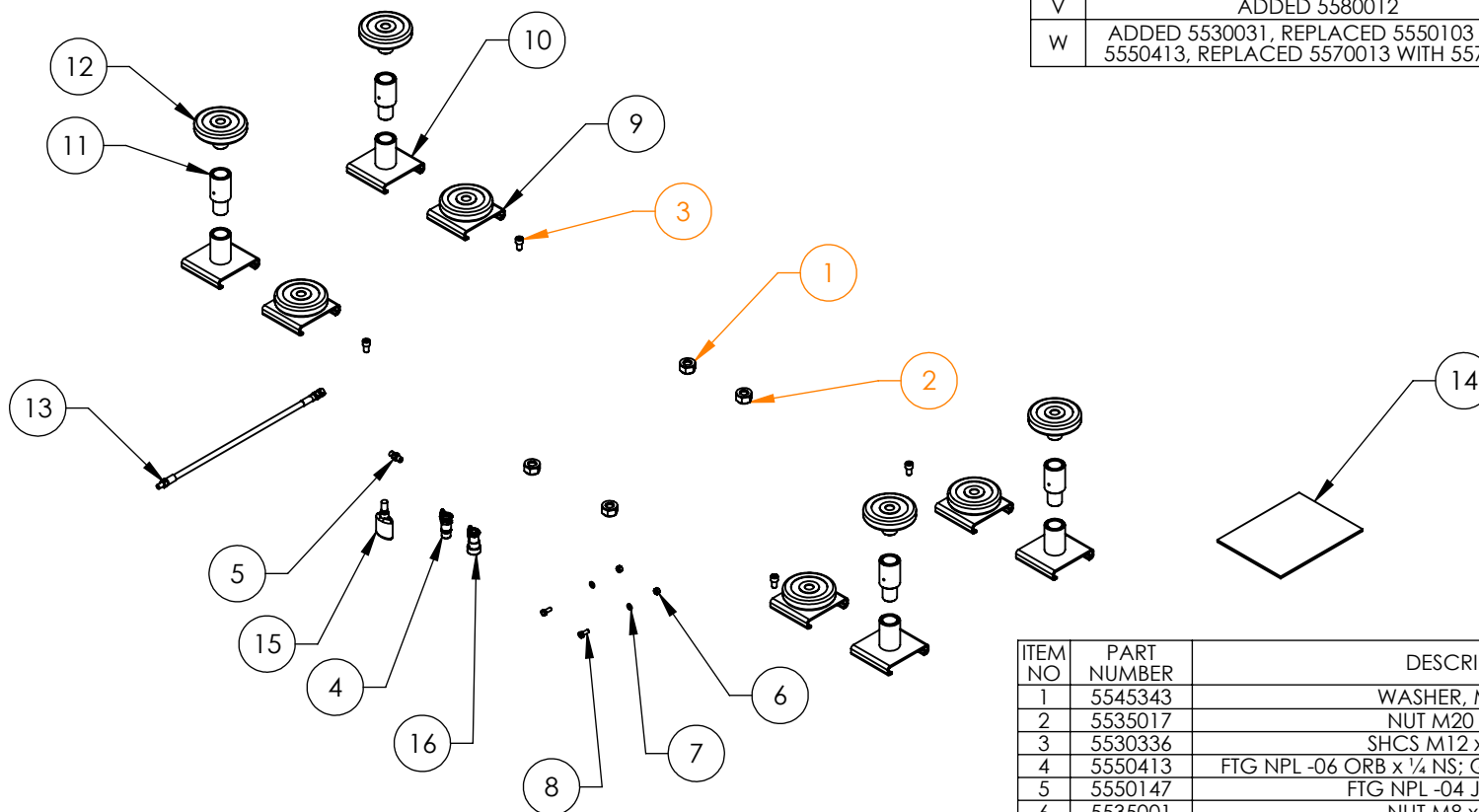
BendPak
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TITLE:
**LOW RISE WHEELED POWER
UNIT STAND ASSEMBLY**

SIZE	DWG. NO.	REV
A	5215983	C

SCALE: 1:5

SHEET 1 OF 1



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
U	REMOVED (2) 5530304, (2) 5535001, AND (2) 5545202	09/24/2019	CA	01128
V	ADDED 5580012	03/31/2020	TM	01152
W	ADDED 5530031, REPLACED 5550103 WITH 5550413, REPLACED 5570013 WITH 5570245	08/11/2020	TM	01188

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5545343	WASHER, M20 FLAT	4	-
2	5535017	NUT M20 x 2.5 NL	4	-
3	5530336	SHCS M12 x 1.75 x 20	4	-
4	5550413	FTG NPL -06 ORB x 1/4 NS; QUICK-CON COUP MALE	1	B
5	5550147	FTG NPL -04 JIC x -04 NPT	1	-
6	5535001	NUT M8 x 1.25 NL	2	-
7	5545202	WASHER M8 x Ø15 SL	2	-
8	5530304	HHB M8 x 1.25 x 20	2	-
9	5215523	MD-6XP/P9000/RBJ4500 SHORT ROUND LIFT PAD ASSEMBLY	4	G
10	5600257	MD-6XP/P9000/RBJ4500 LIFT PAD WELDMENT BASE	4	D
11	5746390	MEDIUM LIFT PAD EXTENSION Ø35 x 113mm	4	E
12	5215507	ROUND LIFT PAD ADAPTER ASSEMBLY	4	G
13	5570245	HYDRAULIC HOSE ASSEMBLY Ø6.4 x 3660mm DS-M	1	A
14	5900108	MD-6XP INSTALLATION MANUAL	1	-
15	5580012	LIQUID PTFE THREAD SEALANT 50ml	1	-
16	5550031	FTG NPL-04 NPT F x 1/4 QUICK-CONNECTOR COUPLER FEMALE; NON SPILL DESIGN	1	B

WHERE USED
MD-6XP

NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

NEXT ASSEMBLY
5260169

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME DATE
DRAWN TM 02/18/2009
CHECKED

THIRD ANGLE PROJECTION



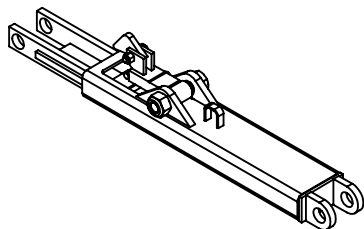
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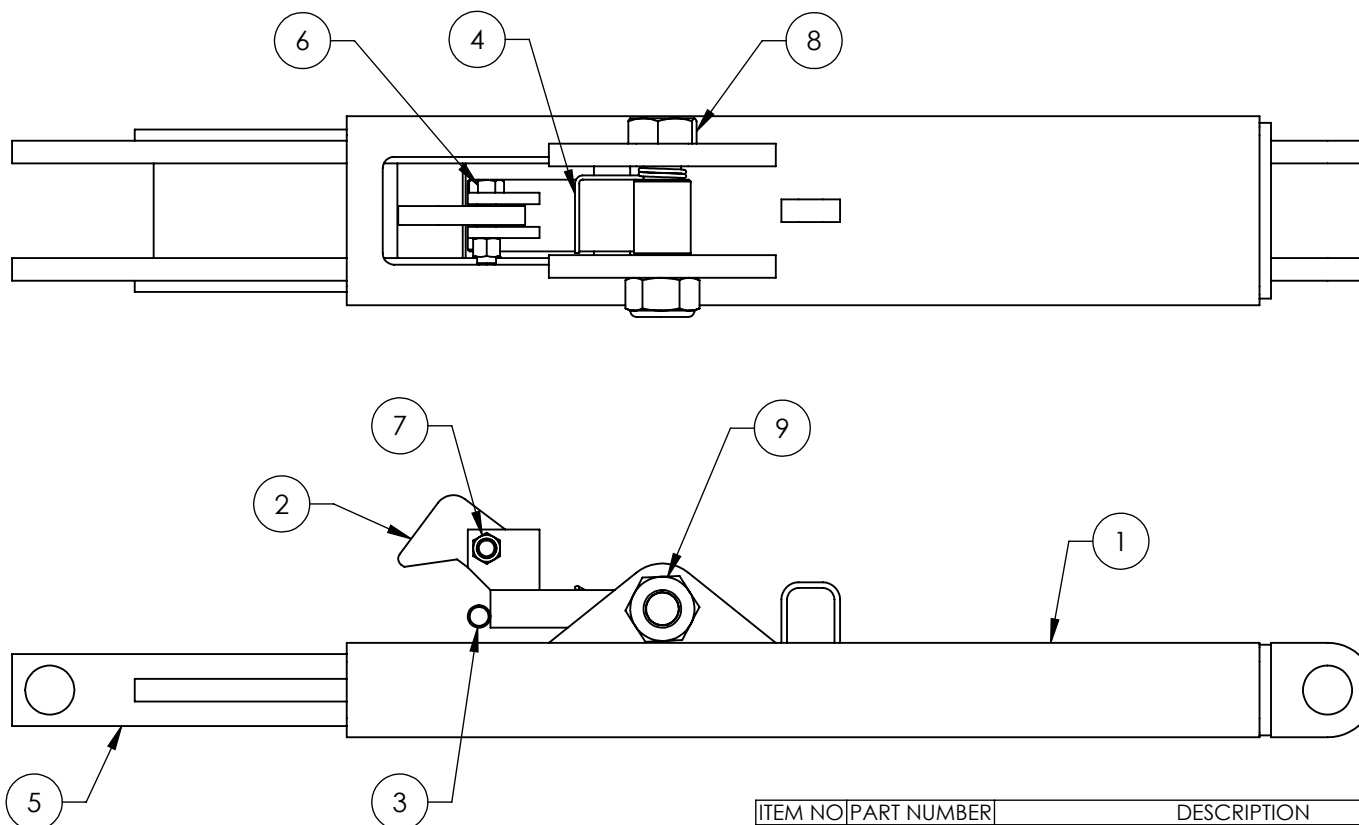
TITLE:
MD-6XP PARTS BOX

SIZE DWG. NO. REV
A 5250128 W

SCALE: 1:18 SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM T1201	02/04/2009	TM	00233
B	UPDATED BOM REVISION	11/07/2011	TM	00483
C	UPDATED BOM REVISION	01/04/2016	TM	00736

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5620296	MD-6XP SAFETY WELDMENT	1	A
2	5731283	MD-6XP SAFETY LATCH	1	A
3	5600258	MD-6XP SAFETY CATCH WELDMENT	1	A
4	5540016	MD-6XP SAFETY SPRING	1	B
5	5620099	MD-6XP SAFETY STOP WELDMENT	1	B
6	5530760	HHB M10 x 1.5 x 38	1	-
7	5535013	NUT M10 x 1.5 NL	1	-
8	5530041	HHB M20 x 2.5 x 90 CL10.9	1	-
9	5535017	NUT M20 x 2.5 NL	1	-

WHERE USED
MD-6XP

NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
3. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5245128

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TM	02/04/2009
CHECKED CA	01/08/2016

THIRD ANGLE PROJECTION



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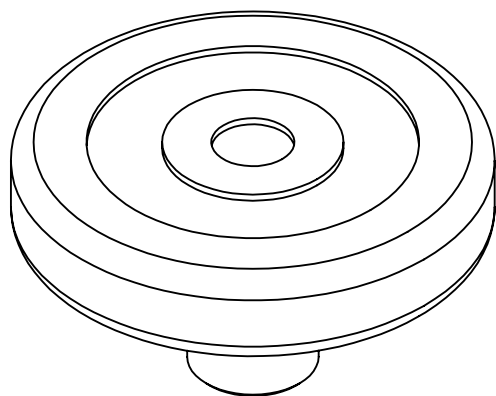
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TITLE: MD-6XP SAFETY
ASSEMBLY

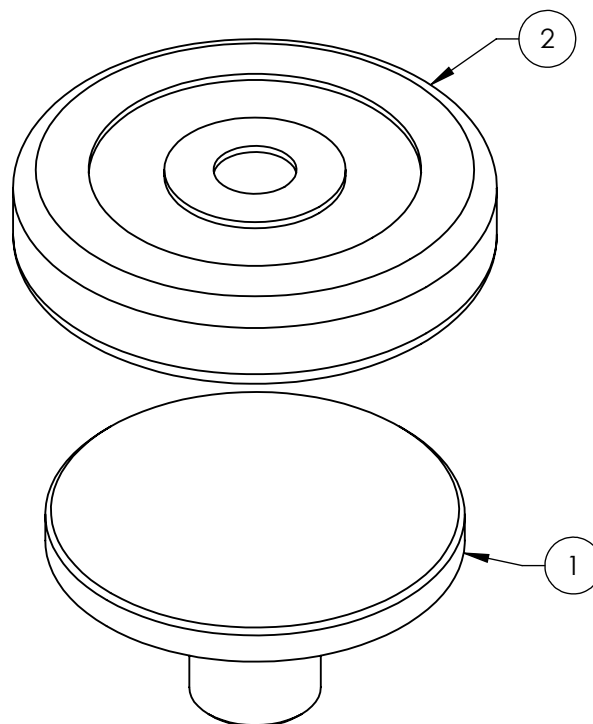
SIZE DWG. NO.	REV
A 5215253	C

SCALE: 1:4

SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
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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 ASSEMBLY	06/21/2013	TM	00605
E-003	UPDATED NEXT ASSEMBLY	10/16/2014	TM	00663
E-004	UPDATED NEXT ASSEMBLY	03/24/2015	MR	00691
E-005	UPDATED NEXT ASSEMBLY	08/06/2015	JM	00715
E-006	UPDATED NEXT ASSEMBLY	11/24/2015	TM	00738
E-007	UPDATED NEXT ASSEMBLY	01/21/2016	TM	00739
E-008	UPDATED NEXT ASSEMBLY	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

WHERE USED	
QUICKJACK SERIES	MAXJAX
P9000 SERIES	D2-10 SERIES
MD-6XP	DMR-6
DMR-6	D2-8F
SP-7XE SERIES	HD-7BXT ACCY
GP-7 SERIES	
RJ-45LP	
RJW SERIES	
RBJ7000A	

NOTE: UNLESS OTHERWISE SPECIFIED.

- SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
- ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY	
5150561	5250273
5210163	5250288
5210194	5250293
5210214	5250297
5215865	5250298
5215866	5250316
5216062	
5250080	5250328
5250115	5250331
5250128	5250373
5250271	5250374

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5600588	ROUND LIFT PAD WELDMENT	1	C
2	5715017	ROUND LIFT PAD ADAPTER POLYURETHANE PAD	1	E

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DIMENSIONS ARE IN MM



NAME	DATE
DRAWN AC	12/30/2010
CHECKED CA	06/18/2018



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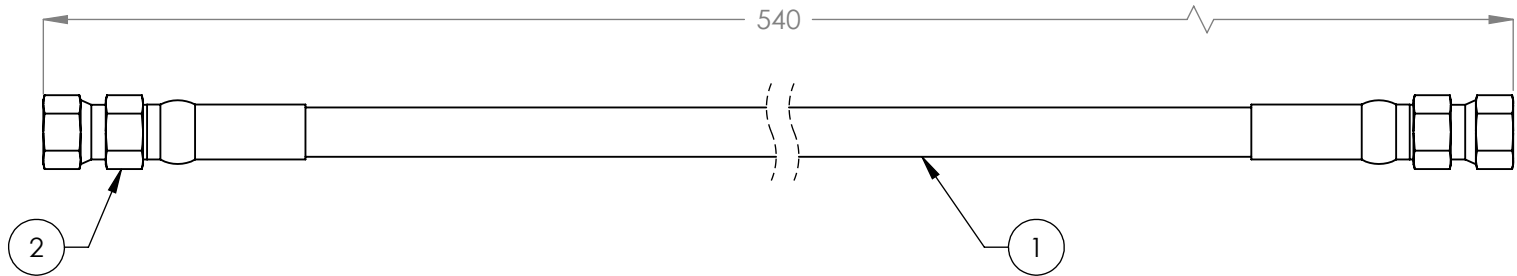
TITLE: ROUND LIFT PAD
ADAPTER ASSEMBLY

SIZE	DWG. NO.	REV
A	5215507	G

SCALE: 1:2

SHEET 1 OF 1

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	01/25/2008	AC	00142
B	UPDATED DRAWING TO NEW STANDARDS AND TITLE UPDATED NEXT ASSEMBLY	02/19/2009	TM	00233
B-001		03/07/2011	TM	00443
C	REPLACED 5570110 WITH 5570129 UPDATED NEXT ASSEMBLY UPDATED NEXT ASSEMBLY	09/21/2015	JM	00726
C-001		04/13/2016	TM	00755



WHERE USED
DMR-6
MD-6XP

NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5260630
5260652

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	474mm*	-
2	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	2	-

DO NOT SCALE DRAWING	NAME	DATE
	DRAWN AC	01/18/2008
	CHECKED DB	06/23/2016

DIMENSIONS ARE IN MM
TOLERANCES:
0. = ±1.5
0.0 = ±1.0
0.00 = ±0.25
0.000 = ±0.13

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

THIRD ANGLE PROJECTION

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SANTA PAULA, CA 93060

TITLE: HYDRAULIC HOSE
ASSEMBLY Ø6.4 x 540mm DS

SIZE DWG. NO. REV

A 5570054 C

SCALE: 1:2

SHEET 1 OF 1

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:

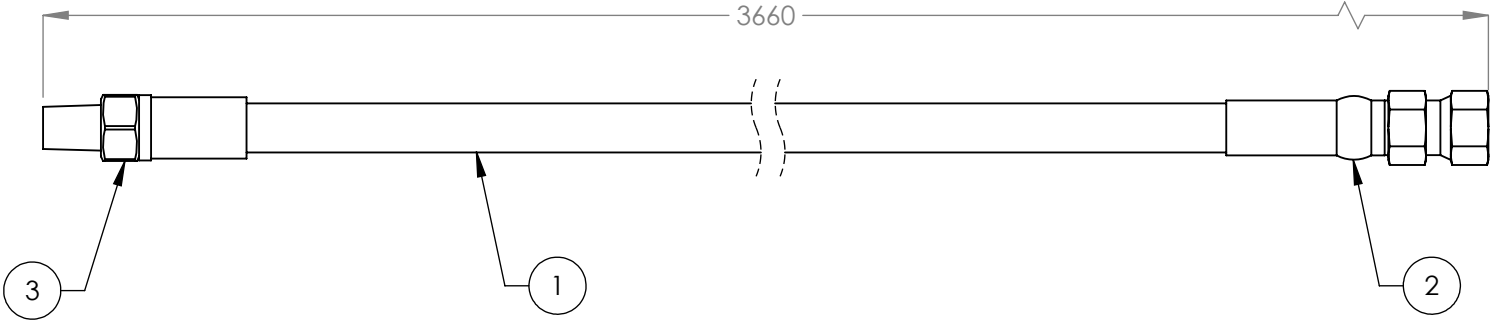
Xin Yurong
Shandong Ningjin High Energy Hose Co., Ltd.
Tel: +86 534-5421821
No. 7, Taishan Rd., Industrial Park, Ningjin County, Shandong, China



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#
A	PRODUCTION RELEASE, DERIVED FROM 5570233	08/11/2020	TM	01188





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	3598mm*	-
2	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	1	-
3	5550060	FTG NPL Ø1/4 CRIMP x -04 NPT M	1	-

WHERE USED
MD-6XP
DMR-6

NOTE: UNLESS OTHERWISE SPECIFIED.

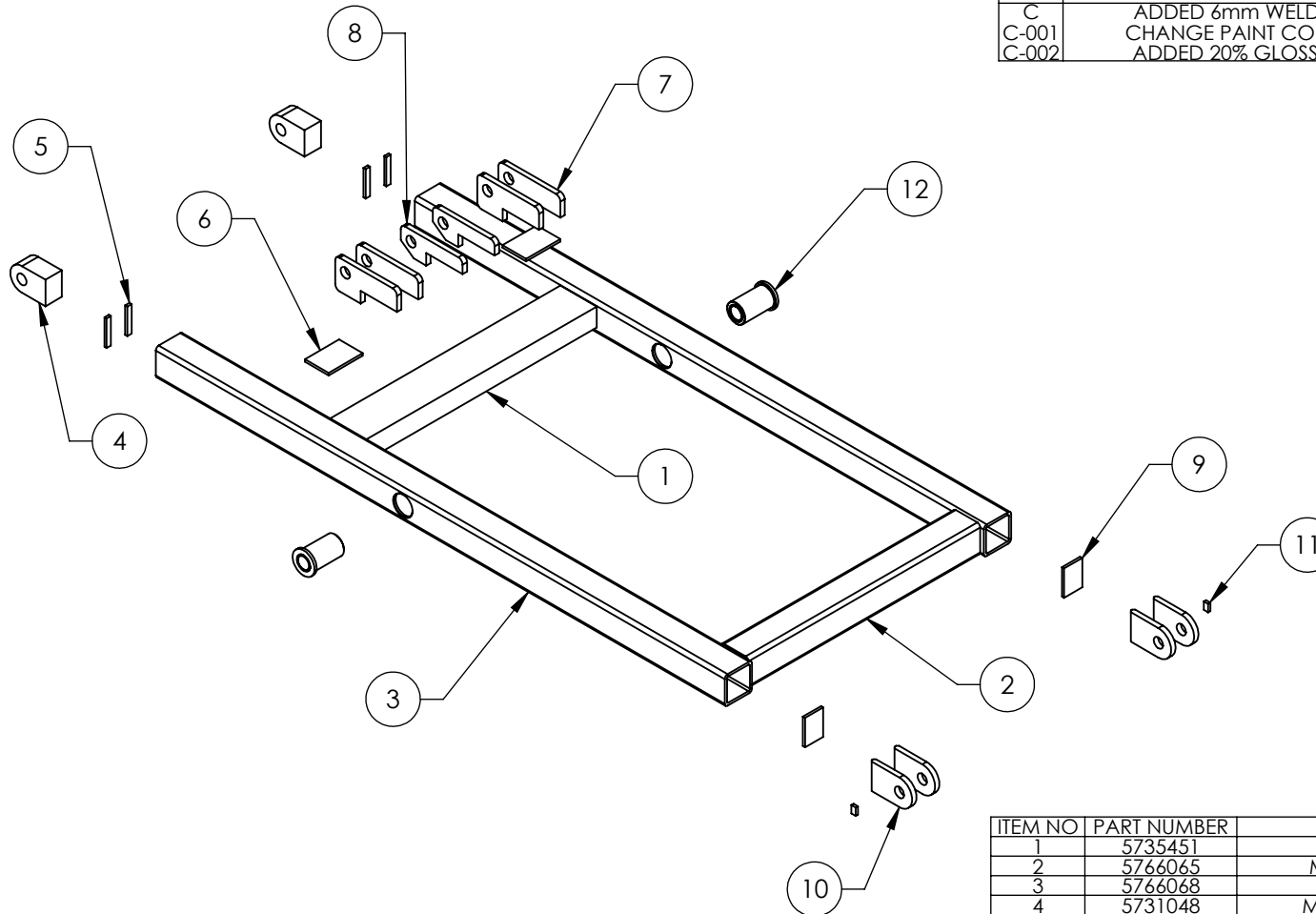
- FOR ITEM 1 SPECIFICATIONS REFER TO PART SPECIFICATION FORM
- (*)ITEM 1 QTY FOR REFERENCE ONLY

NEXT ASSEMBLY
5250128
5250316

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DRAWN		TM	08/11/2020	
CHECKED				
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	THIRD ANGLE PROJECTION			TITLE: HYDRAULIC HOSE ASSEMBLY Ø6.4 x 3660mm DS-M
				
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		SIZE DWG. NO.		REV
		A 5570245		A
		SCALE: 1:5		SHEET 1 OF 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
 THE WRITTEN PERMISSION OF BENDPAK INC. IS
 PROHIBITED.

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM T1193	02/03/2009	TM	00233
B	UPDATED BOM REVISIONS	09/22/2011	TM	00483
C	ADDED 6mm WELD TO 5215222	04/09/2013	TM	00598
C-001	CHANGE PAINT COLOR TO GREY	08/03/2017	TS	00861
C-002	ADDED 20% GLOSS PAINT NOTE	08/12/2020	TM	01188





ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5735451	MD-6XP CROSS BAR	1	A
2	5766065	MD-6XP INNER ARM CROSS TUBE	1	A
3	5766068	MD-6XP INNER ARM TUBE	2	A
4	5731048	MD-6XP INNER ARM CONNECTOR	2	B
5	5735453	MD-6XP ARM EAR SUPPORT	4	A
6	5735452	MD-6XP CYLINDER BRACKET SUPPORT	2	A
7	5731047	MD-6XP CYLINDER BRACKET	4	A
8	5736176	MD-6XP SAFETY CLEVIS	2	A
9	5736224	MD-6XP TUBE END PLATE	2	A
10	5736225	MD-6XP ARM ROLLER EAR	4	A
11	5735028	PIN STOP	2	B
12	5215222	MD-6XP BUSHING ASSEMBLY	2	A

WHERE USED
MD-6XP

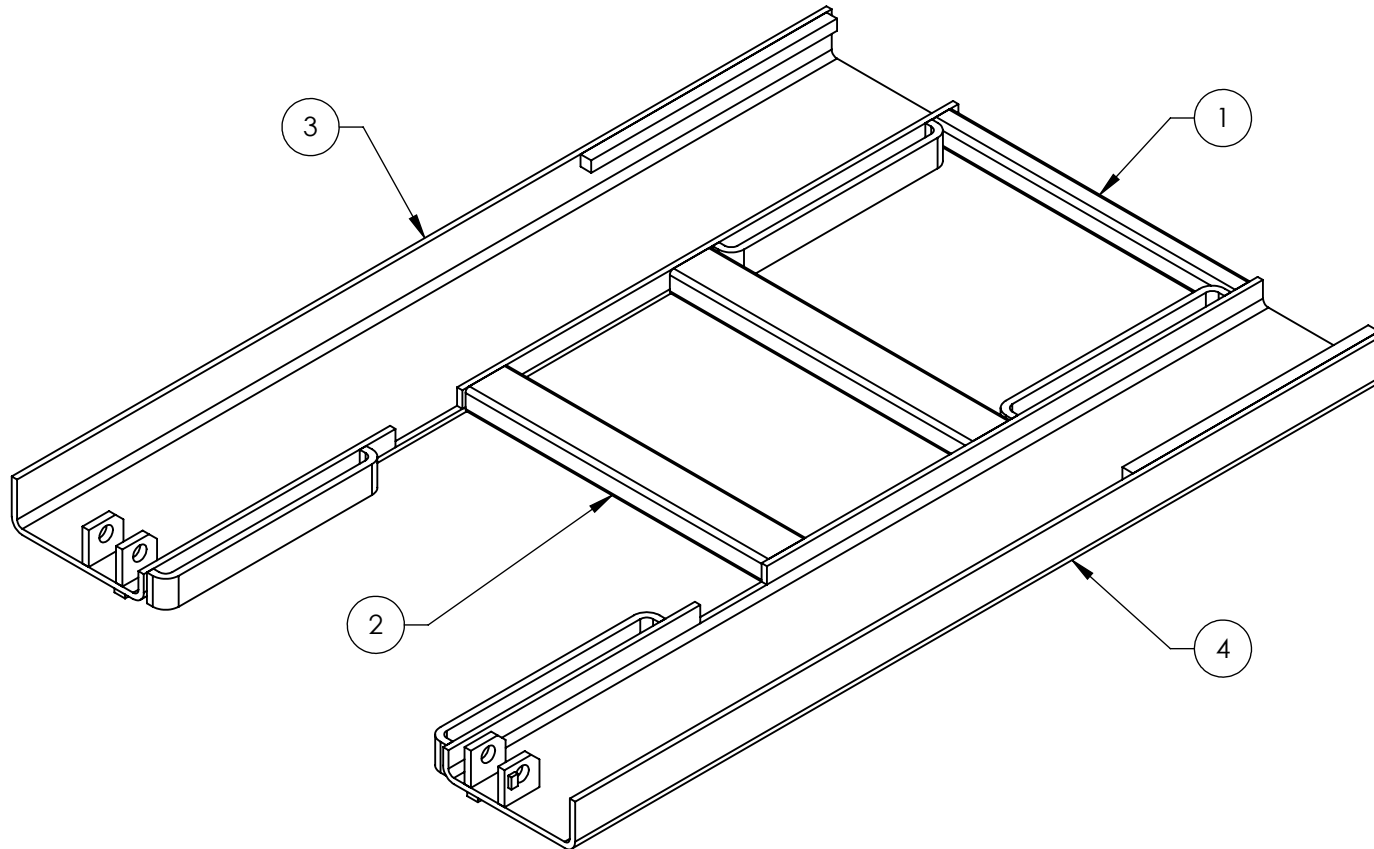
NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5245128

DO NOT SCALE DRAWING		NAME	DATE	<div> BendPak.</div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>		
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	TM			02/03/2009
		CHECKED				
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION			TITLE:	
					MD-6XP INNER ARM WELDMENT	
		SIZE	DWG. NO.		REV	
		A	5600238		C	
		SCALE: 1:14			SHEET 1 OF 3	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED BOM REVISIONS	11/08/2011	TM	00483
C	UPDATED BOM REVISIONS	04/09/2013	TM	00598
D	CHANGED PAINT COLOR TO GREY, UPDATED BOM REVISIONS	08/03/2017	TS	00861
D-001	ADDED 20% GLOSS PAINT NOTE	08/12/2020	TM	01188





WHERE USED
MD-6XP

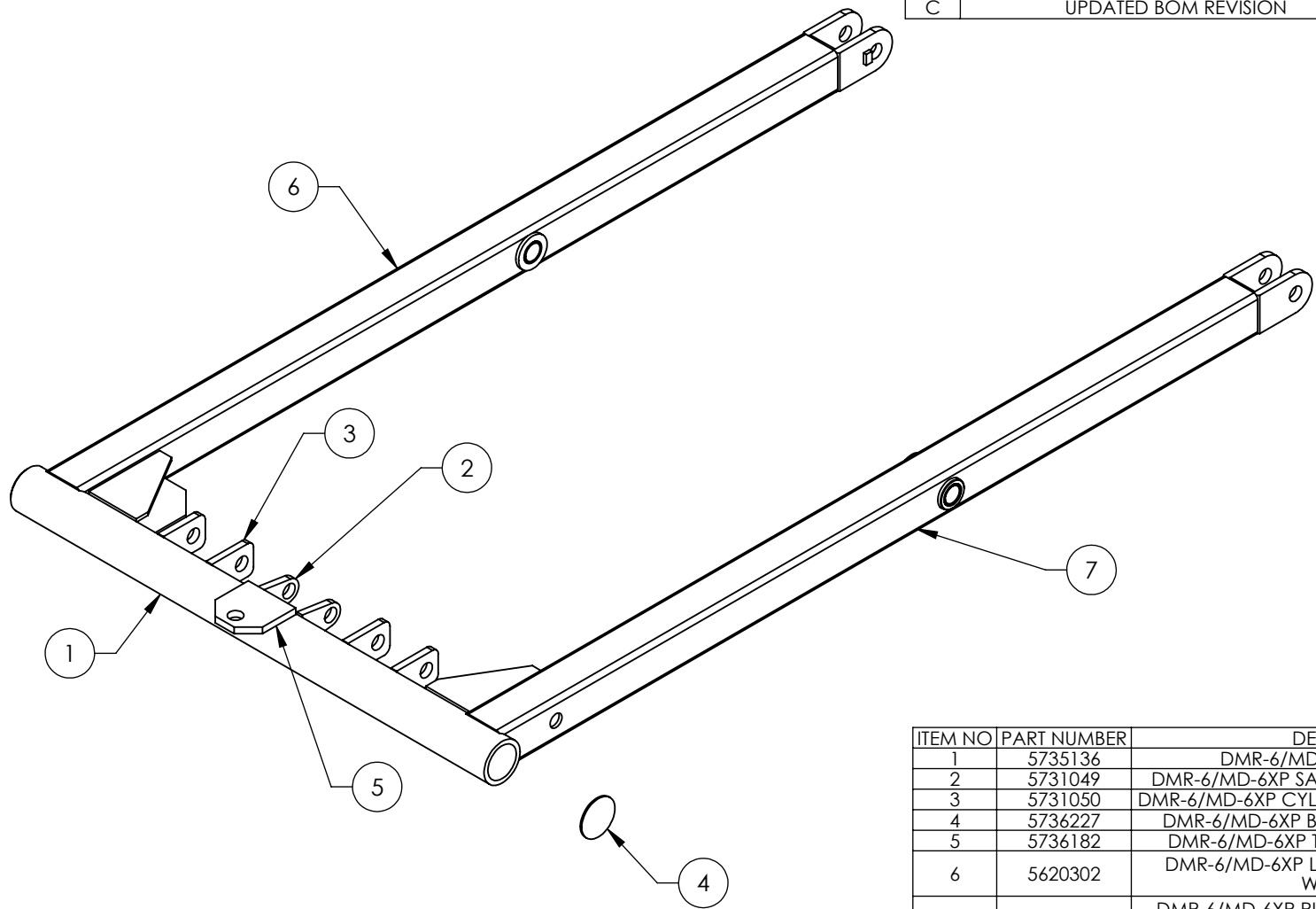
NOTE: UNLESS OTHERWISE SPECIFIED.

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

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5765024	MD-6XP COVER WELDMENT TIE-IN TUBE	1	A
2	5765025	MD-6XP COVER CROSS TUBE	2	A
3	5620298	MD-6XP RIGHT COVER RAMP WELDMENT	1	D
4	5620299	MD-6XP LEFT COVER RAMP WELDMENT	1	D

DO NOT SCALE DRAWING		NAME	DATE	<div> BendPak[®]</div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>		
DRAWN		TM	02/04/2009			
CHECKED						
<div>DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5</div> <div>SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</div>		THIRD ANGLE PROJECTION		TITLE:		
				MD-6XP COVER WELDMENT		
				SIZE	DWG. NO.	REV
<div>NEXT ASSEMBLY 5245128</div>		<div>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.</div>		A	5600239	D
				SCALE: 1:10		SHEET 1 OF 2

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM T1200	02/04/2009	TM	00233
B	UPDATED BOM REVISIONS	02/15/2013	TM	00579
B-001	CHANGED PAINT COLOR TO GREY	08/03/2017	TS	00861
B-002	ADDED 20% GLOSS PAINT NOTE	08/12/2020	TM	01188
C	UPDATED BOM REVISION	06/03/2021	OR	01306



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5735136	DMR-6/MD-6XP BOTTOM BAR	1	A
2	5731049	DMR-6/MD-6XP SAFETY MOUNTING BRACKET	2	A
3	5731050	DMR-6/MD-6XP CYLINDER MOUNTING BRACKET	4	A
4	5736227	DMR-6/MD-6XP BOTTOM BAR END COVER	2	A
5	5736182	DMR-6/MD-6XP TOW CART CONNECTOR	1	A
6	5620302	DMR-6/MD-6XP LEFT OUTER SCISSOR ARM WELDMENT	1	C
7	5620307	DMR-6/MD-6XP RIGHT OUTER SCISSOR ARM WELDMENT	1	C

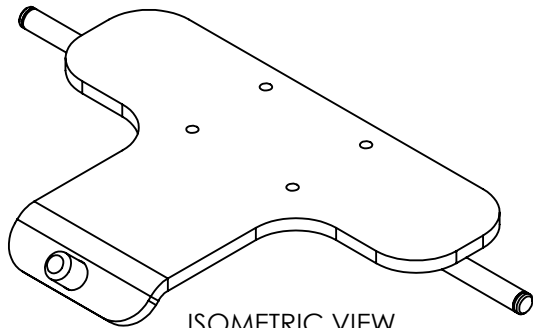
WHERE USED
MD-6XP

NOTE: UNLESS OTHERWISE SPECIFIED.

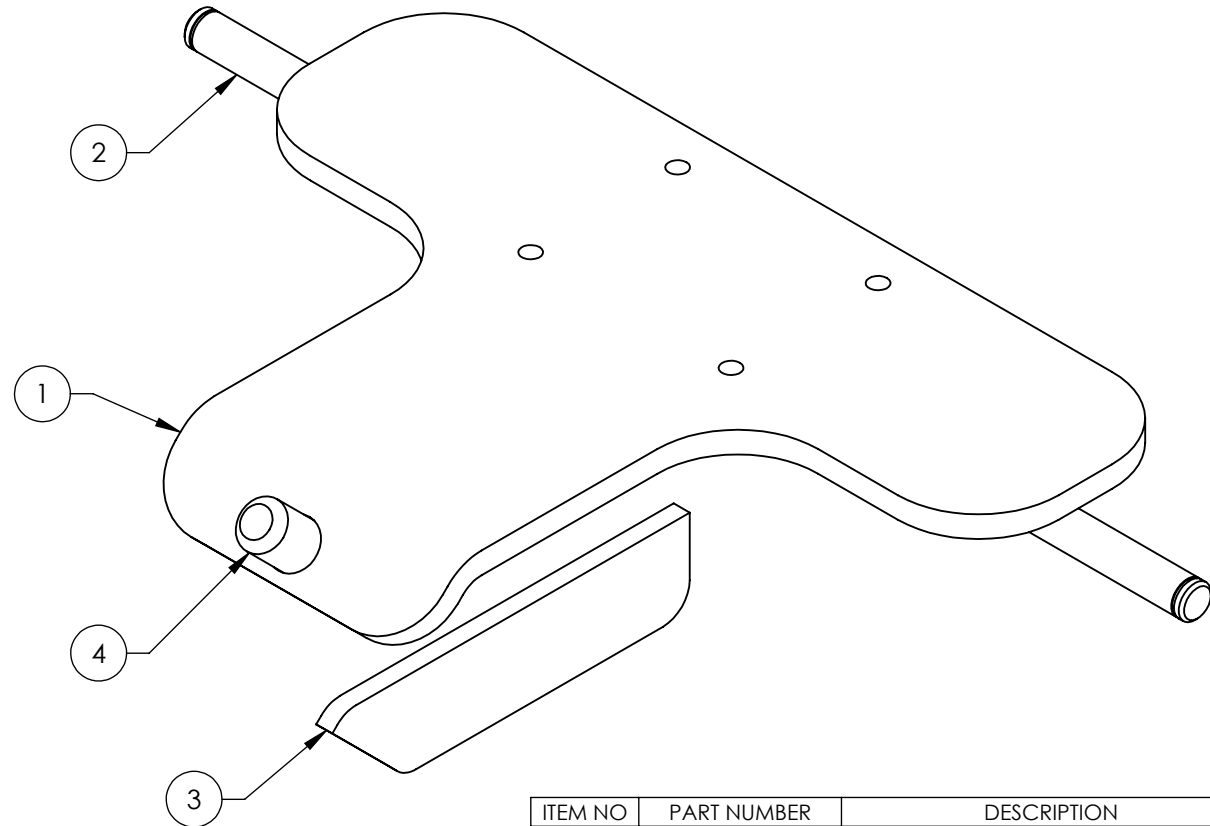
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. REMOVE ALL WELD SPLATTER
4. DIMENSIONS SHOWN ARE AFTER PAINTING
5. PAINT GRAY (RAL-7024) 20% GLOSS

NEXT ASSEMBLY
5245128

DO NOT SCALE DRAWING	NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
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	DRAWN	TM		
	CHECKED			
THIRD ANGLE PROJECTION				
<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>			TITLE: MD-6XP OUTER ARM WELDMENT	
			SIZE DWG. NO.	REV
			A 5600240	C
			SCALE: 1:10	
			SHEET 1 OF 3	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5600187	09/12/2019	TM	01128
A-001	ADDED 20% GLOSS PAINT NOTE	08/11/2020	TM	-PRE 01188
B	REMOVED 5746130, WAS 55 NOW 45, UPDATED COLOR, WAS GRAY NOW BLACK, UPDATED BOM REVISIONS	07/15/2021	CA	01317

WHERE USED
LR-60P
MD-6XP
DMR-6
DLR-6P

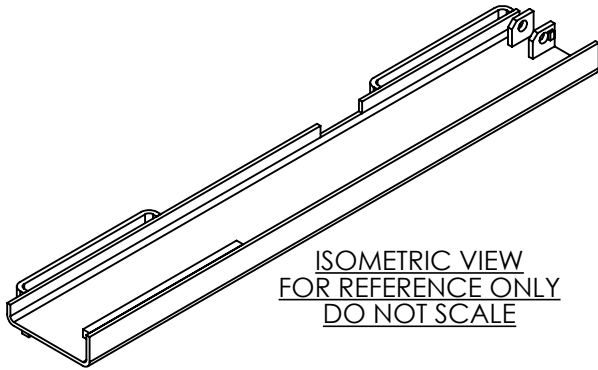
NOTE: UNLESS OTHERWISE SPECIFIED.

- REFER TO MODEL FOR ADDITIONAL INFORMATION
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- REMOVE ALL WELD SPLATTER
- DIMENSIONS SHOWN ARE AFTER PAINTING
- PAINT BLACK (RAL-9017) 20% GLOSS

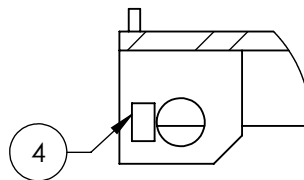
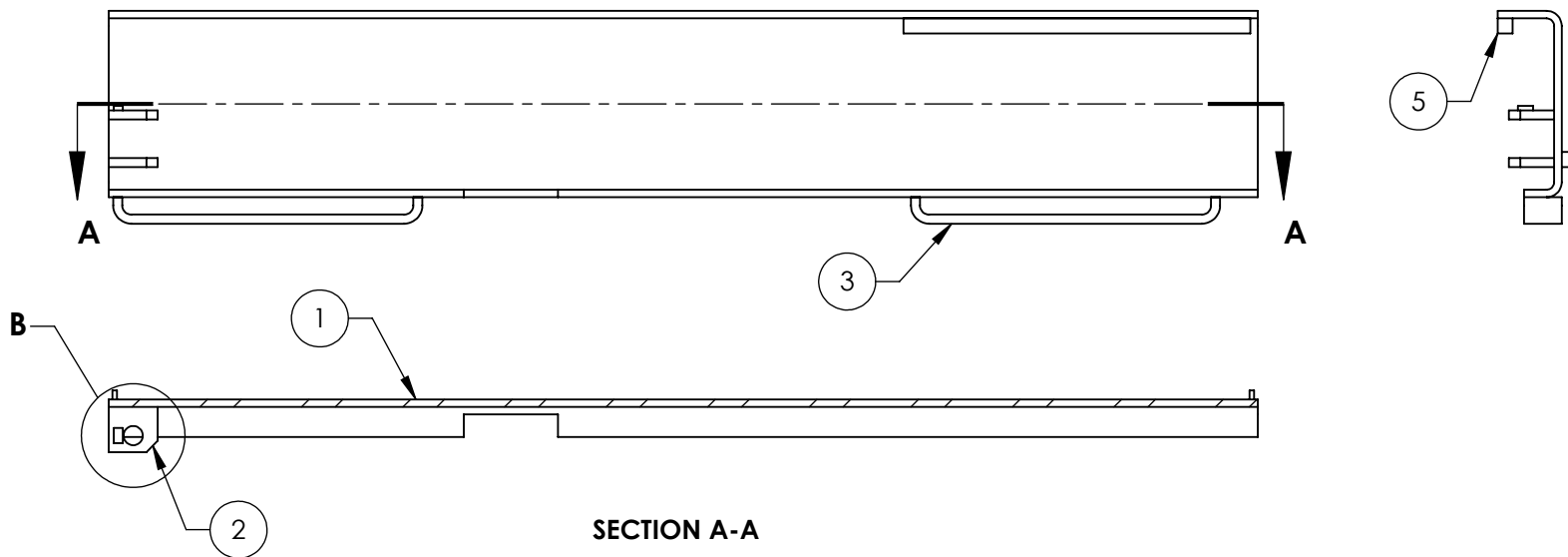
ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5730083	LOW RISE TOW CART BASE PLATE	1	B
2	5746122	LOW RISE TOW CART AXLE	1	B
3	5737140	LOW RISE TOW CART SUPPORT BAR	1	B
4	5746129	LOW RISE TOW CART PIN	1	C

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	TM	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		CHECKED	OR	
		THIRD ANGLE PROJECTION		TITLE:
				LOW RISE TOW CART BASE WELDMENT
		<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>		SIZE DWG. NO.
				A 5601405
				REV B
				SCALE: 1:2
				SHEET 1 OF 2

NEXT ASSEMBLY
5215871



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	5700251 WAS FLUSH NOW 6mm DISTANCE	11/07/2011	TM	00483
C	5730043 DISTANCE WAS 47 NOW 51	04/09/2013	TM	00598
D	MOVED 5735028 TO OPPOSITE SIDE IN TWO PLACES	08/03/2017	TS	00861





WHERE USED
MD-6XP
DMR-6

NOTE: UNLESS OTHERWISE SPECIFIED.

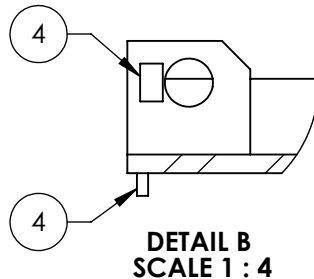
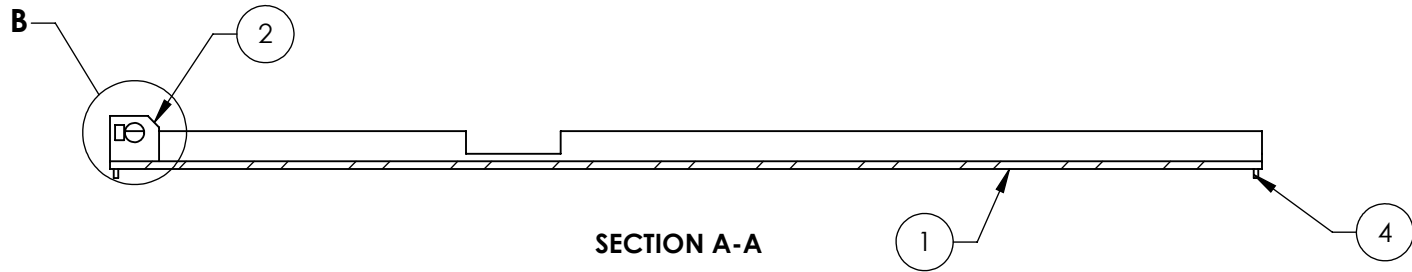
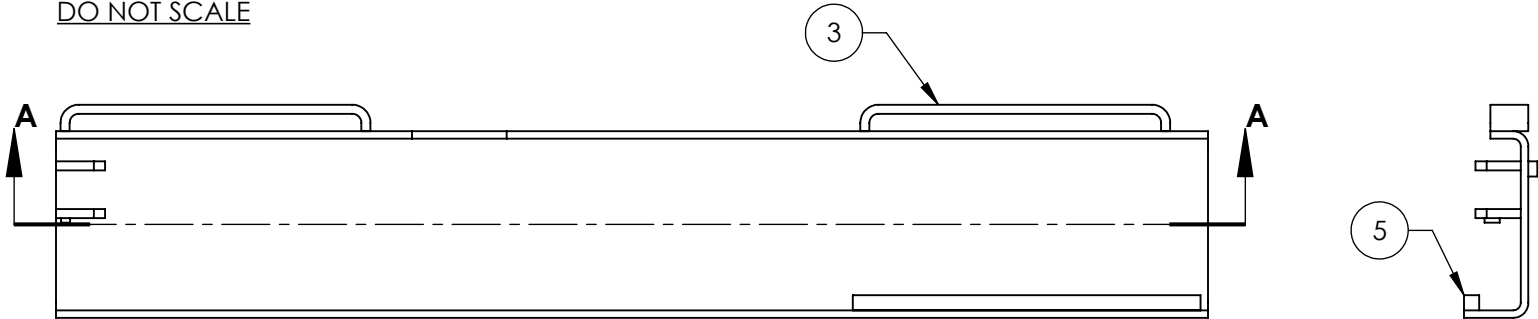
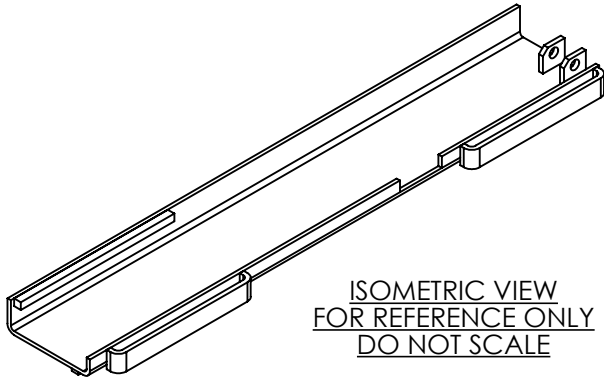
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. REMOVE ALL WELD SPLATTER

NEXT ASSEMBLY
5600239
5601554

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5701071	MD-6XP RIGHT RAMP	1	A
2	5730043	MD-6XP INNER ARM CONNECTOR	2	A
3	5700251	MD-6XP ARM BRACKET	2	A
4	5735028	PIN STOP	3	B
5	5760007	MD-6XP SLIDER BAR	1	A

DO NOT SCALE DRAWING		NAME	DATE	<div> BendPak.</div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>		
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	TM			02/03/2009
		CHECKED	AW			8/14/2017
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION			TITLE:	
					DMR-6/MD-6XP RIGHT COVER RAMP WELDMENT	
					SIZE DWG. NO. REV	
7		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.			A 5620298 D	
					SCALE: 1:10	
					SHEET 1 OF 2	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	5700251 WAS FLUSH NOW 6mm DISTANCE	11/07/2011	TM	00483
C	5730043 DISTANCE WAS 47 NOW 51	04/09/2013	TM	00598
D	MOVED 5735028 TO OPPOSITE SIDE IN TWO PLACES	08/03/2017	TS	00861





WHERE USED
MD-6XP
DMR-6

NOTE: UNLESS OTHERWISE SPECIFIED.

- REFER TO MODEL FOR ADDITIONAL INFORMATION
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- REMOVE ALL WELD SPLATTER

NEXT ASSEMBLY
5600239
5601554

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5701073	MD-6XP LEFT RAMP	1	A
2	5730043	MD-6XP INNER ARM CONNECTOR	2	A
3	5700251	MD-6XP ARM BRACKET	2	A
4	5735028	PIN STOP	3	B
5	5760007	MD-6XP SLIDER BAR	1	A

DO NOT SCALE DRAWING		NAME	DATE	<div> BendPak.</div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>			
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	TM			02/04/2009	
		CHECKED	AW			8/14/2017	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION			TITLE:		
					DMR-6/MD-6XP LEFT COVER RAMP WELDMENT		
7		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>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.</div>			SIZE	DWG. NO.	REV
					A	5620299	D
					SCALE: 1:10		

PART SPECIFICATION FORM (STANDARD)

BENDPAK Number:	5900108
MRP Description:	MD-6XP INSTALLATION MANUAL
Date:	04/27/2021
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) 253-2963
Telephone: (805) 933-9970
bendpak.com

Portable Mid-Rise Scissor Lift

Installation and Operation Manual

Manual P/N 5900108 — Manual Revision F2 — April 2021

Models:

- MD-6XP



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			

MD-6XP Product Decal Positioning

A**MD-6XP_BendPak_Cylinder_Decal.pdf:**

PN 5905204

Material: Clear Adhesive PET

Size: 16"W x 3"H

Thickness: 4 Mil

Finish: Matte Overlamine (No gloss)

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 laminate non-glare medium matte over-lamine (No gloss) for abrasion, chemical and ultra violet protection.

Clear PET material and
SHOULD NOT print as Yellow

B

PN 5905940

Product_Data_Label_5905940-New.pdf:

Size: 4.5"W x 2.3"H

Material: 4 Mil. Permanent White Adhesive Vinyl

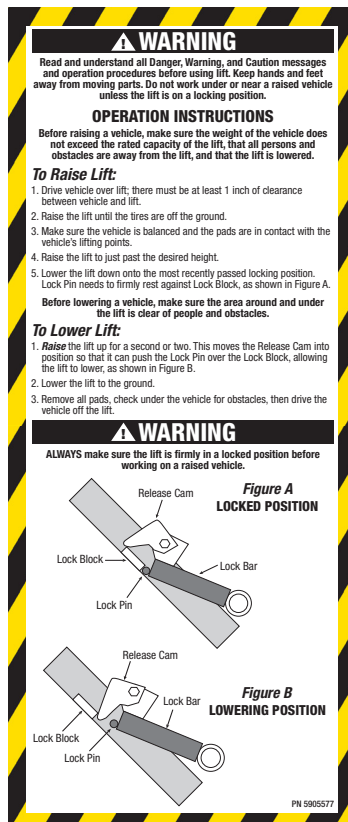
Thickness: 4 Mil

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

Finish: Matte Overlamine (No gloss)

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

Lamination: Clear laminate non-glare medium matte over-lamine (No gloss) for abrasion, chemical and ultra violet protection.

C

PN 5905577

Warning_Operation_Inst_Label_5905577.pdf:

Size: 3.5"W x 8.25"H

Material: 4 Mil. Permanent White Adhesive Vinyl

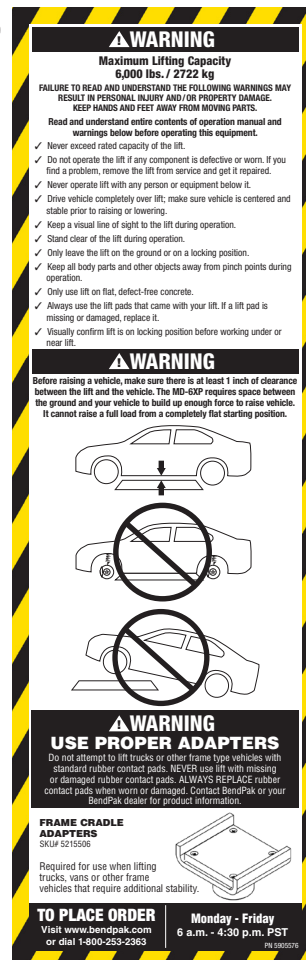
Thickness: 4 Mil

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

Finish: Matte Overlamine (No gloss)

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

Lamination: Clear laminate non-glare medium matte over-lamine (No gloss) for abrasion, chemical and ultra violet protection.

D

PN 5905576

Warning_Drive_Car_Over_Label_5905576.pdf:

Size: 3.5"W x 11"H

Material: 4 Mil. Permanent White Adhesive Vinyl

Thickness: 4 Mil

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

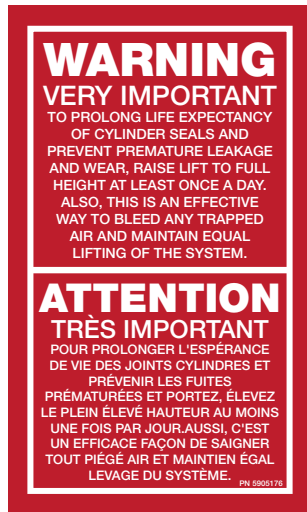
Finish: Matte Overlamine (No gloss)

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

Lamination: Clear laminate non-glare medium matte over-lamine (No gloss) for abrasion, chemical and ultra violet protection.

MD-6XP Product Decal Positioning

E



PN 5905176

Scissor_Cylinder_Warning-Red_FRE-ENG-5905176.pdf:

Size: 3"W x 5.25"H

Material: 4 Mil. Permanent White Adhesive Vinyl

Thickness: 4 Mil

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

Finish: Matte Overlamine (No gloss)

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

Lamination: Clear laminate non-glare medium matte overlamine (No gloss) for abrasion, chemical and ultra violet protection.

F

Hazard Decals on left and right side of the platforms



SIZE TO FIT LENGTH

PN 5930609

Black & Yellow Hazard Roll

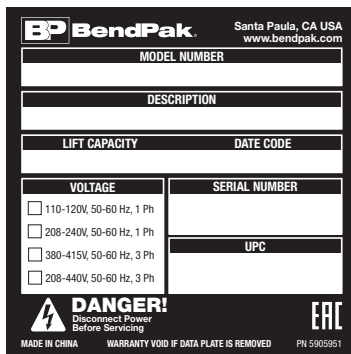
Size: 10' W x 2" H

Material: Vinyl Adhesive / Backing: Soft Polyvinyl Chloride

Thickness: 6.5 Mil

Finish: Matte Overlamine (No gloss)

G



PN 5905951

2020_Serial_Tag-B-5905951.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

H



PN 5905138

Slippery_When_Wet_Label-5905138.pdf:

Size: 4.5"W x 2.5"H

Material: 4 Mil. Permanent White Adhesive Vinyl

Thickness: 4 Mil

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

Finish: Matte Overlamine (No gloss)

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

Lamination: Clear laminate non-glare medium matte overlamine (No gloss) for abrasion, chemical and ultra violet protection.

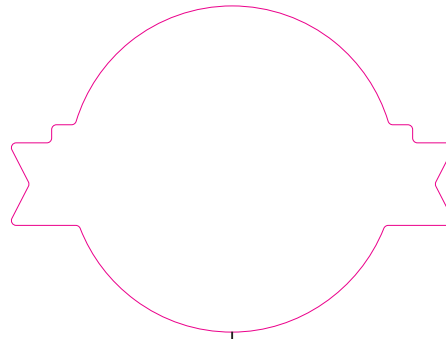
MD-6XP Product Decal Positioning



NOTE: GRAY DOES NOT PRINT

NOTE: DIE-CUT TO SHAPE

PN 5906044



DIE-LINE

American_Owned_50_Years_Logo.pdf:

Trim: 3"W x 4"H

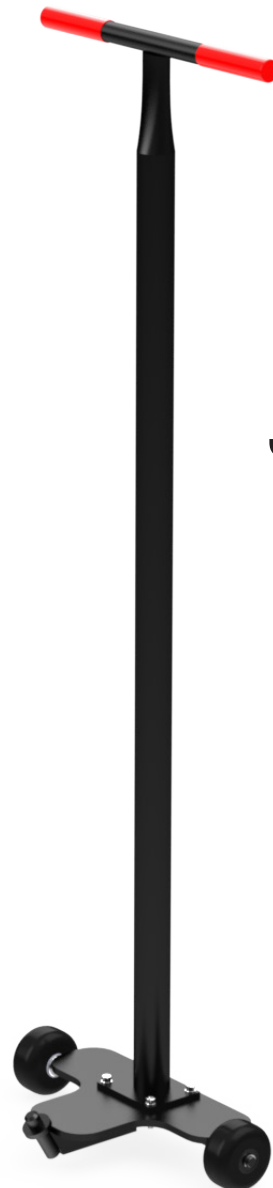
Material: 4 Mil. Permanent White Adhesive Vinyl

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

Finish: Matte Overlamine (No Gloss)

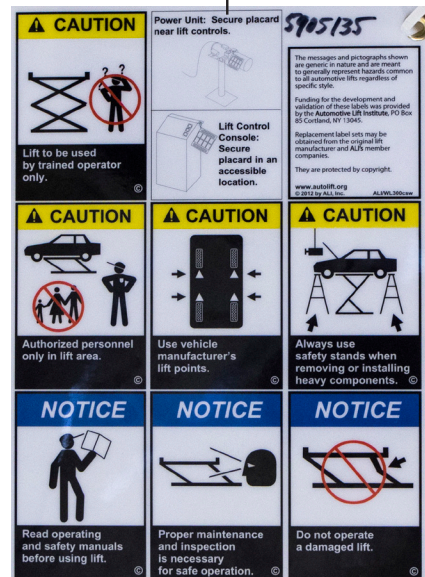
Print Process: Offset Lithography - 200 line-screen or 300 p.p.i. for digital

Lamination: Clear Laminate non-glare medium matte over laminate for abrasion, chemical, and ultra violet protection



ZIPTIE TO HANDLE

J

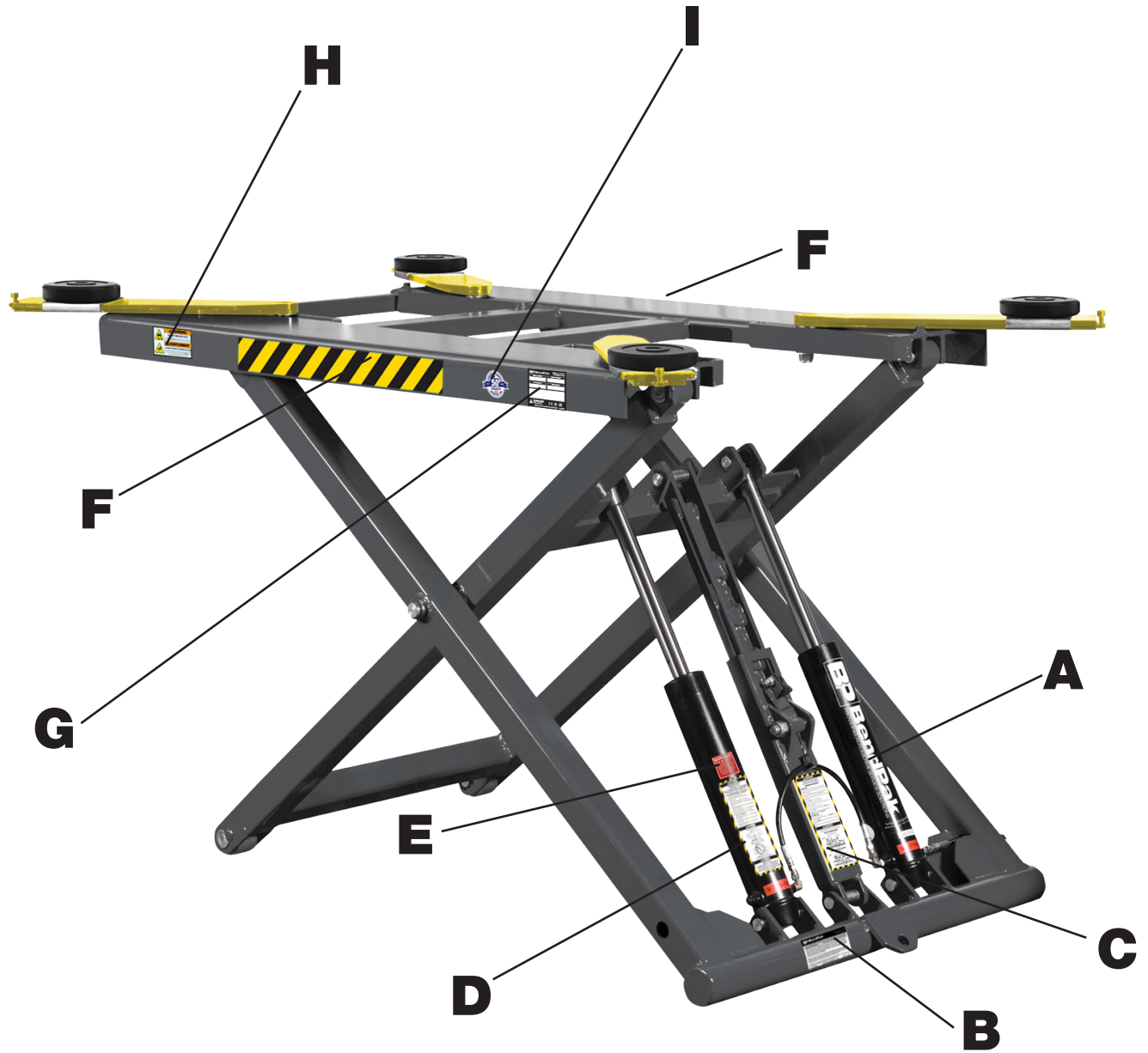


ALI/WL300_Placard

PN 5905135

**Will be placed by
BendPak Santa Paula.**

MD-6XP Product Decal Positioning



MD-6XP Carton Decal Positioning

A



MD-6XP_Carton_Label_5905966_REV_REV:

Trim: 8.5"W x 5.5"H

Material: 4 Mil. Permanent White Adhesive Vinyl

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

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

PN 5905966

B

INFO. BY BENDPAK INC.		
LIFT TYPE: SURFACE MOUNT	CAPACITY: MEDIUM DTY	INSTALLATION: SEE OWNERS GUIDE OR CONTACT FACTORY
POWER: ELECTRIC/HYDRAULIC	ANCHORS: AS EQUIPPED	
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 MANUALS 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 A488 - 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 INTERNATIONAL BUILDING CODE (IBC) 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.		
BPK	STYOT	P220VR
MADE IN CHINA	ENGINEERED BY BENDPAK INC USA	PN 5905465

Manufacturer Packaging Label:

Trim: 6"W x 3.75"H

Material: 4 Mil. Permanent White Adhesive Vinyl

Ink: 1 Color-Black

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

PN 5905465

C

BP BendPak		Santa Paula, CA USA www.bendpak.com
MODEL NUMBER		
SERIAL NUMBER		
UPC		
PN 5905285		
PEEL OFF INVENTORY LABEL		
MODEL NUMBER		
SERIAL NUMBER		

PN 5905285

BPK_Serial_Tag_New-2017_Peel_Off-5905285.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

D



RNGR_Carton_Handling_Tag.pdf:

Size: Size as needed to fit

Material: Prints on Carton Material

Ink: Process Black