

Service Manual

SERVICE PARTS & DIAGRAMS

BENDPAK

XR-12000L

PRODUCT SKU
5175183

DRAWING Nº
5260188

CATEGORY
Mid-Rise Scissor Lift

REV
Version C

DATE
09.17.2020



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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info@bendpak.com

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parts@bendpak.com

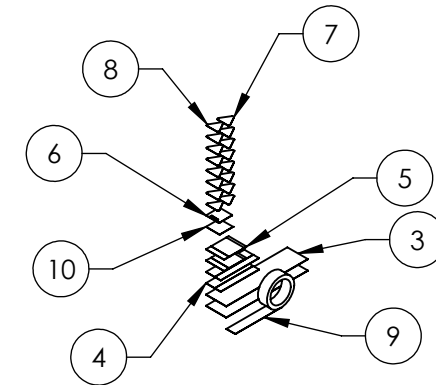
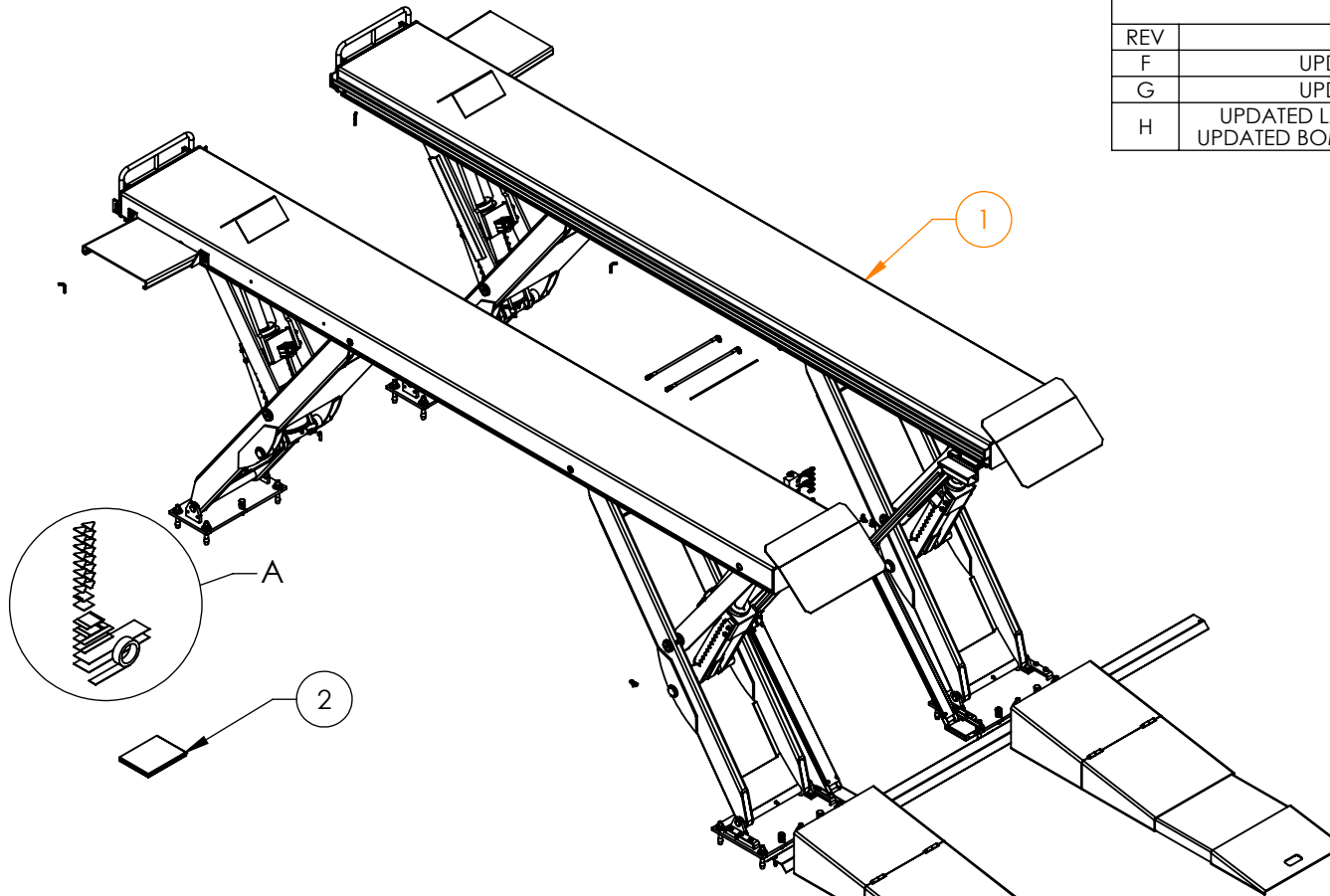
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Fax: 1-805-933-9160
bpkexports@bendpak.com

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
F	UPDATED BOM REVISION	05/30/2019	TM	01088
G	UPDATED BOM REVISION	10/15/2019	CA	01134
H	UPDATED LABELS WITH ENGLISH FRENCH, UPDATED BOM REVISION, REMOVED 5905404	03/31/2020	TM	01152



DETAIL A
SCALE 1 : 30

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5245048	XR-12000L LIFT SUPERSTRUCTURE VER C	1	D
2	5250098	XR-12000 SERIES PARTS BOX	1	J
3	5905445	QUATRA LABEL	2	--
4	5905455	RUNWAY STOPS LABEL, ENG-FRE	2	--
5	5905460	DANGER BALANCE LABEL, ENG-FRE	2	--
6	5905653	LABEL; ALI-ALCTV-2017 GOLD LABEL, US; MET LABS	1	--
7	5905178	WARNING/LUBE POINT LABEL	8	--
8	5905179	WARNING/CRUSH POINT LABEL	8	--
9	5930609	BLACK AND YELLOW HAZARD 2" x 10ft	1	--
10	5905952	SERIAL TAG C	1	--

DO NOT SCALE DRAWING

NAME	DATE
DRAWN TS	04/30/2018
CHECKED OR	04/14/2020

DIMENSIONS ARE IN MM



THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL
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REPRODUCTION IN PART OR AS A WHOLE WITHOUT
THE WRITTEN PERMISSION OF BENDPAK INC. IS
PROHIBITED.

BendPak
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000L PRODUCTION
LIFT VER C

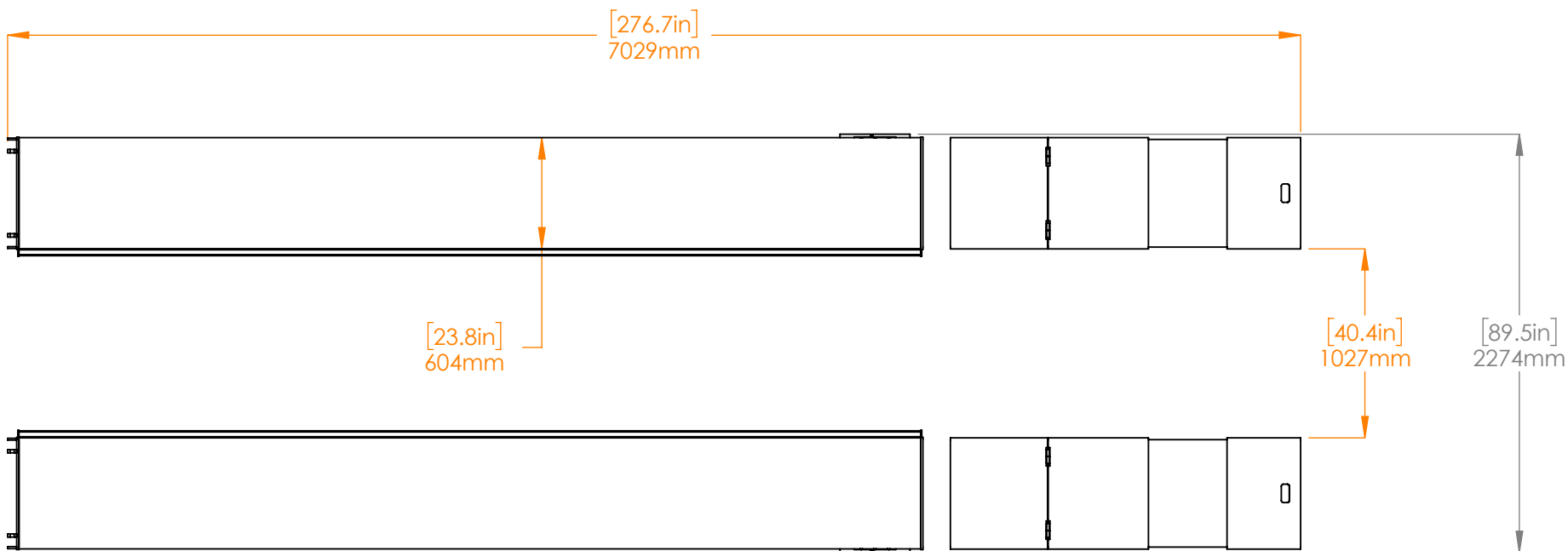
SIZE DWG. NO.	REV
A 5260188	H

SCALE: 1:40

SHEET 1 OF 3

NOTE: UNLESS OTHERWISE SPECIFIED.

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



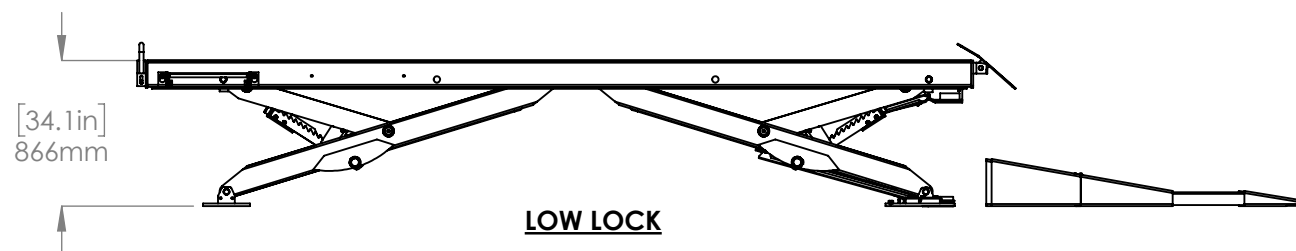
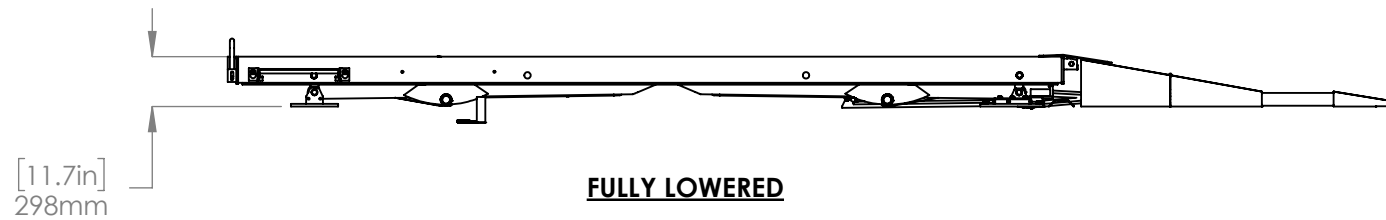
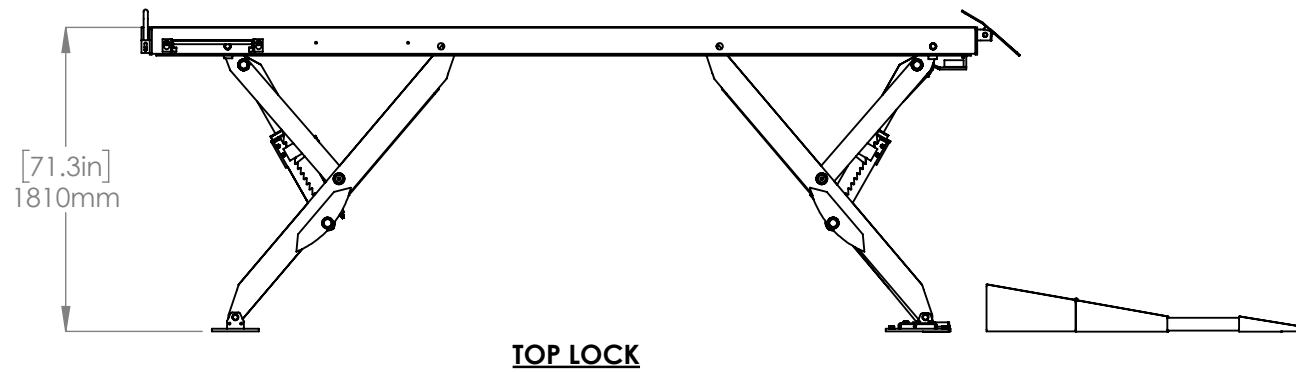
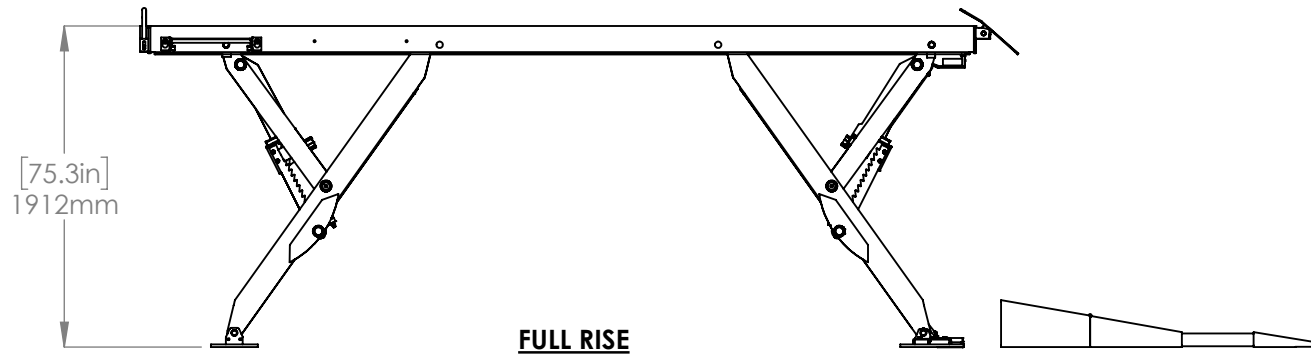
BP BendPak.
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE:
XR-12000L PRODUCTION
LIFT VER C

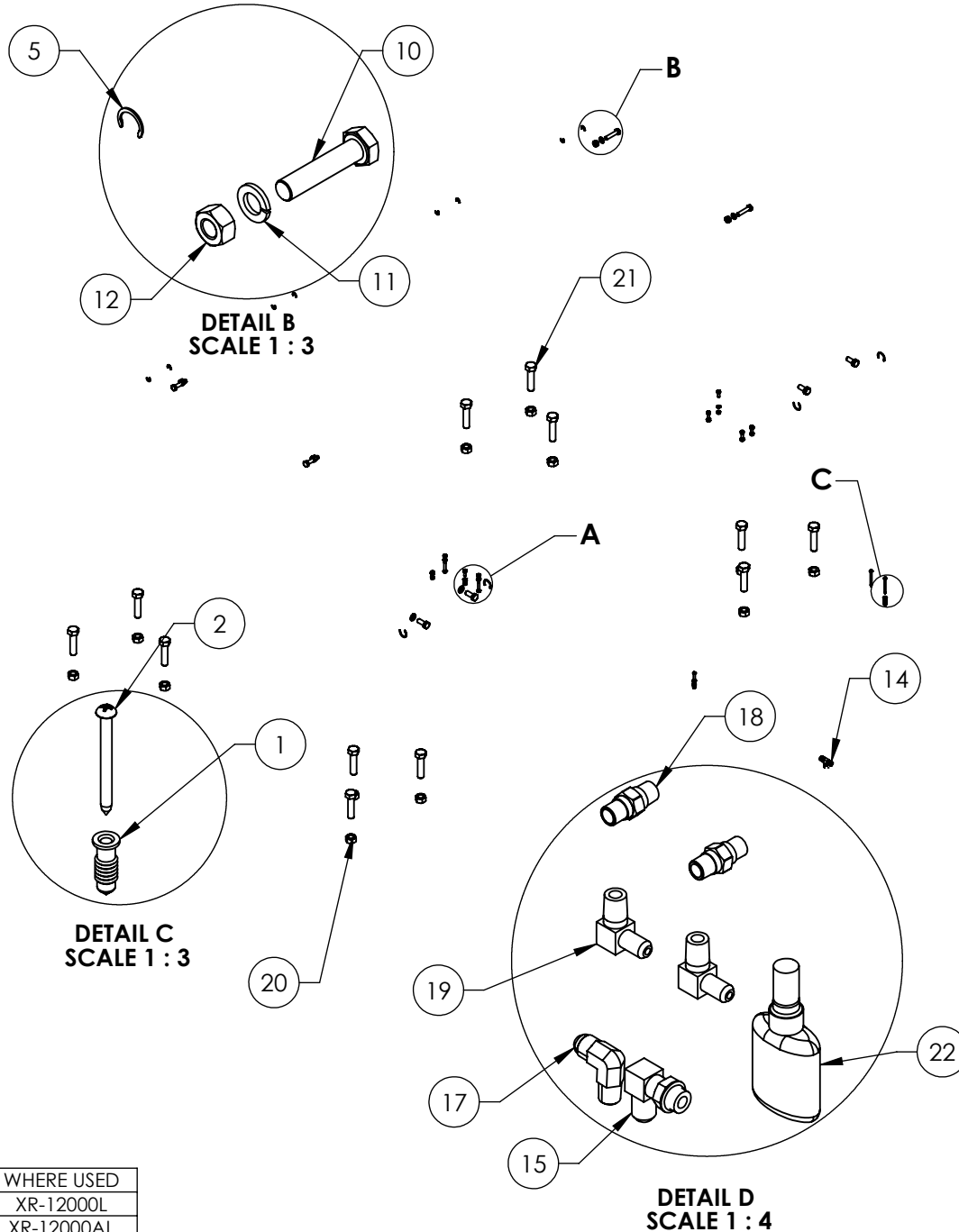
SIZE	DWG. NO.	REV
A	5260188	H

SCALE: 1:40

SHEET 2 OF 3



BP BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
TITLE: XR-12000L PRODUCTION LIFT VER C		
SIZE	DWG. NO.	REV
A	5260188	H
SCALE: 1:40		SHEET 3 OF 3



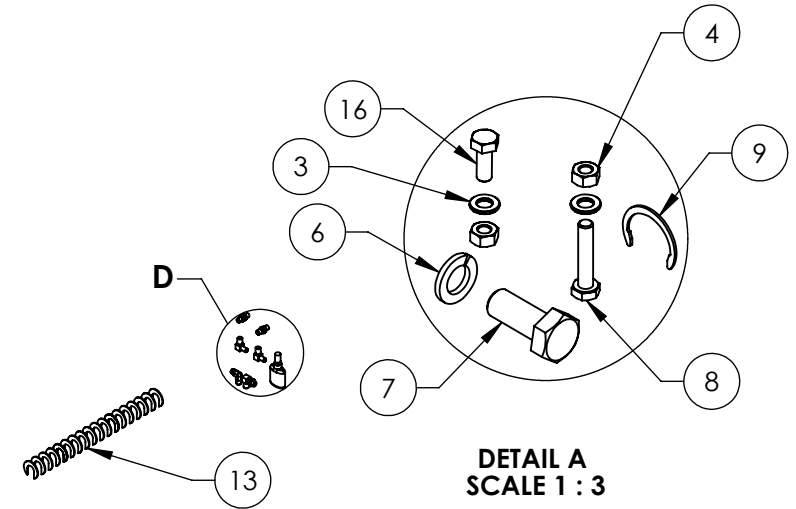
WHERE USED
XR-12000L
XR-12000AL

NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

NEXT ASSEMBLY
5250098

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	REMOVED 5550310 & (2) 5550489	07/27/2015	TM	00701
C	ADDED 5530264 AND 5535106	10/06/2016	TM	00783
D	ADDED 5580012, REMOVED 5590175, 5550486 AND 5550410, REPLACED 5550489 WITH 5550395	03/18/2020	TM	01152



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5535119	M5 x 30mm FLOOR ANCHOR	4	--
2	5530312	RHPS M5 x 55mm	4	--
3	5545005	M6 FLAT WASHER	8	--
4	5535112	NUT M6 x 1.0	8	--
5	5540116	TRUARC Ø12mm 5103-50	8	--
6	5545201	WASHER, M12 SPRING LOCK	4	--
7	5530152	HHB M12 x 1.75 x 30mm	4	--
8	5530047	HHB, M6 x 1 x 30mm	4	--
9	5540006	SNAP RING TRUARC 5103-100	4	--
10	5530167	HHB M10 x 1.5 x 45mm	4	--
11	5545200	WASHER M10 x Ø18 SL	4	--
12	5535998	NUT M10 x 1.5	4	--
13	5545535	C WASHER SHIM FOR LIFTS	20	--
14	5550395	FTG TEE -04 COMP x -04 COMP x -04 COMP	1	--
15	5550183	FTG ELB -06 JIC -06L ORB	1	--
16	5530019	HHB M6 x 1 x 16	4	--
17	5550106	FTG ELB -04 JIC x 3/8" NPT	1	--
18	5550147	FTG NPL -04 JIC x -04 NPT	2	--
19	5550086	FTG ELB -04 NPT x -04 JIC	2	--
20	5535106	HEX NUT M18 x 2.5	12	--
21	5530264	HHB M18 x 2.5 x 75	12	--
22	5580012	LIQUID PTFE THREAD SEALANT 50ml	1	--

DO NOT SCALE DRAWING

DRAWN

CHECKED

THIRD ANGLE PROJECTION

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BP BendPak

1645 LEMONWOOD DR.

SANTA PAULA, CA 93060

TITLE:

XR-12000 SERIES

PARTS BAG

SIZE DWG. NO.

5174680

REV

D

SCALE: 1:20

SHEET 1 OF 1

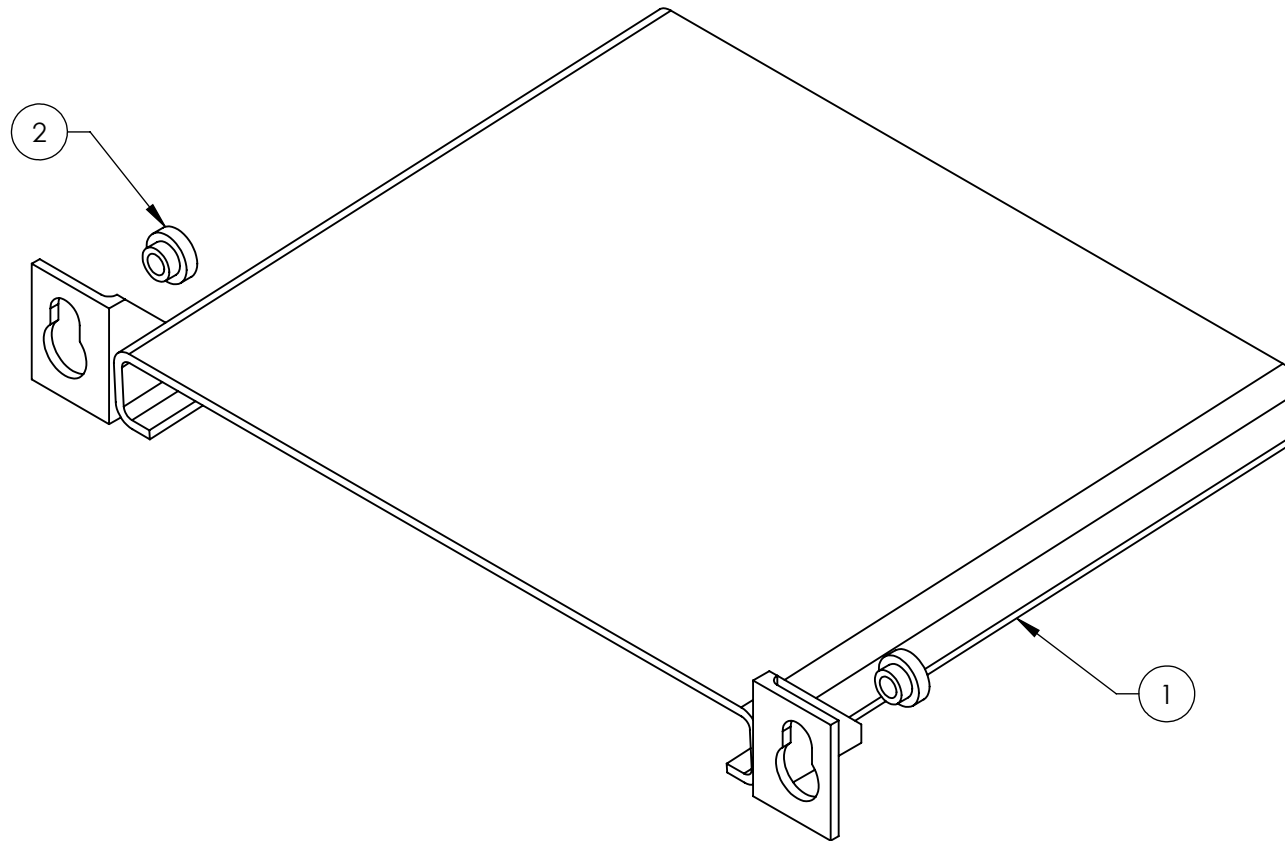
SHEET 1 OF 1

SHEET 1 OF 1

SHEET 1 OF 1

SHEET 1 OF 1

REVISION				
REV.	DESCRIPTION	DATE	EDITED BY	ECO #
A	PRODUCTION RELEASE	12/03/2008	GJ	00257
B	UPDATED BOM REVISION	10/29/2010	AC	00399
B-001	UPDATED NEXT ASSEMBLIES	01/23/2013	TM	00570

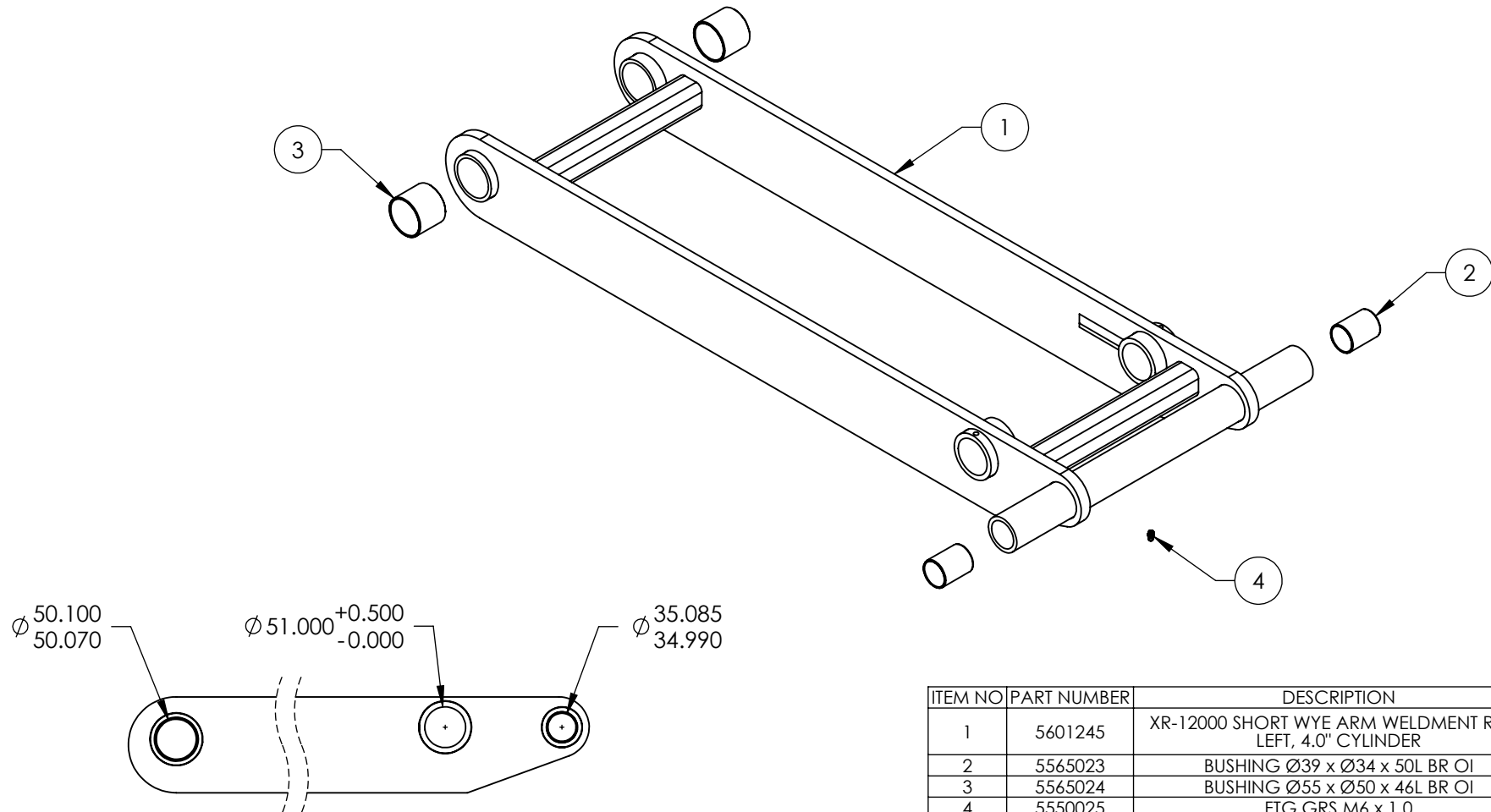


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5600303	WORK STEP WELDMENT	1	B
2	5746104	STEP ANCHOR	2	A

DO NOT SCALE DRAWING		NAME	DATE	 BendPak. 1645 LEMONWOOD DR. WORKING AUTOMOTIVE SERVICE EQUIPMENT SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM		DRAWN	GJ 12/02/2008	
		CHECKED	MM 02/20/2013	
		THIRD ANGLE PROJECTION		TITLE:
				WORK STEP
MATERIAL: ---	SIZE: ---	SIZE DWG. NO. A 5215179		REV B
NEXT ASSEMBLY 5250098		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.		SCALE: 1:8 SHEET 1 OF 1

NOTE: UNLESS OTHERWISE SPECIFIED.

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
F	REPLACED 5600429 WITH 5601245, ADDED 5565058, UPDATED NEXT ASSEMBLIES	04/16/2018	TS	00919
G	REMOVED 5565058, WAS Ø50.030+0.150 NOW Ø ^{50.100} _{50.070} WAS Ø35.030+0.150 NOW Ø ^{35.085} _{34.990} UPDATED BOM REVISIONS, UPDATED TITLE TO REFLECT WHERE USED	02/19/2019	TM	01045
H	UPDATED BOM REVISION	06/03/2019	CA	01088



WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

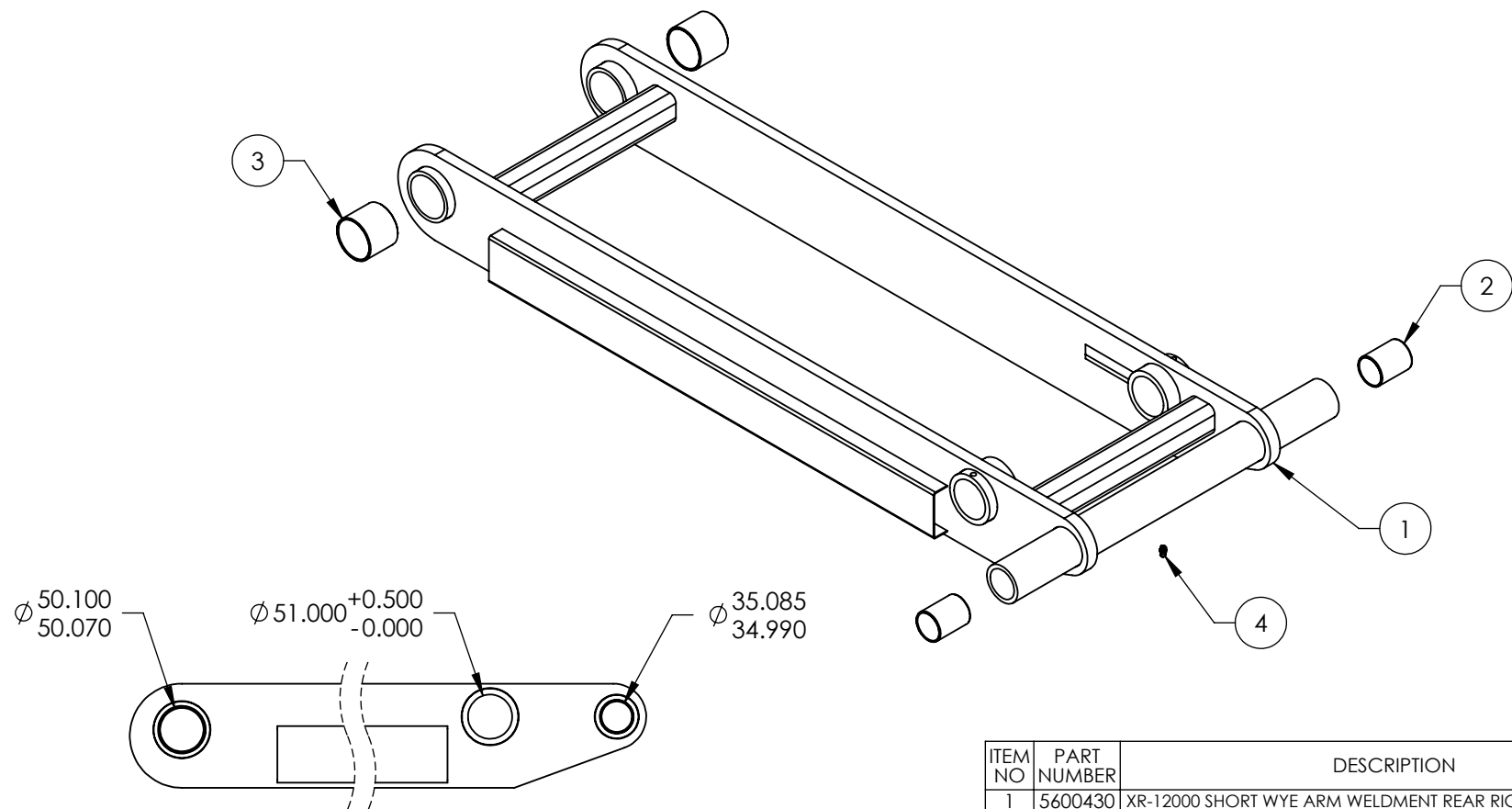
1. ASSEMBLE ITEMS AS SHOWN
2. LIGHT PRESS FIT BUSHINGS

NEXT ASSEMBLY
5215777
5215779

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601245	XR-12000 SHORT WYE ARM WELDMENT REAR LEFT, 4.0" CYLINDER	1	C
2	5565023	BUSHING Ø39 x Ø34 x 50L BR OI	2	--
3	5565024	BUSHING Ø55 x Ø50 x 46L BR OI	2	--
4	5550025	FTG GR5 M6 x 1.0	1	--

DO NOT SCALE DRAWING		NAME	DATE		
DRAWN		AC	03/30/2010	1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
CHECKED		CA	6/14/2019		
THIRD ANGLE PROJECTION				TITLE: XR-12000 SHORT WYE ARM ASSEMBLY REAR LEFT, 4.0" CYLINDER	
		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.		SIZE DWG. NO.	REV
				A 5215229	H
SCALE: 1:8				SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
H	ADDED 5565056, UPDATED BOM REVISION AND NEXT ASSEMBLIES	04/25/2018	TS	00919
J	REMOVED 5565056, WAS $\varnothing 50.030 + 0.150$ NOW $\varnothing 50.100$ $\varnothing 50.070$ WAS $\varnothing 35.030 + 0.150$ NOW $\varnothing 35.085$ REMOVED 5565056, UPDATED BOM REVISION, UPDATED TITLE TO REFLECT WHERE USED	02/21/2019	TM	01045
K	UPDATED BOM REVISION	05/28/2019	TM	01088



WHERE USED
XR-12000 SERIES

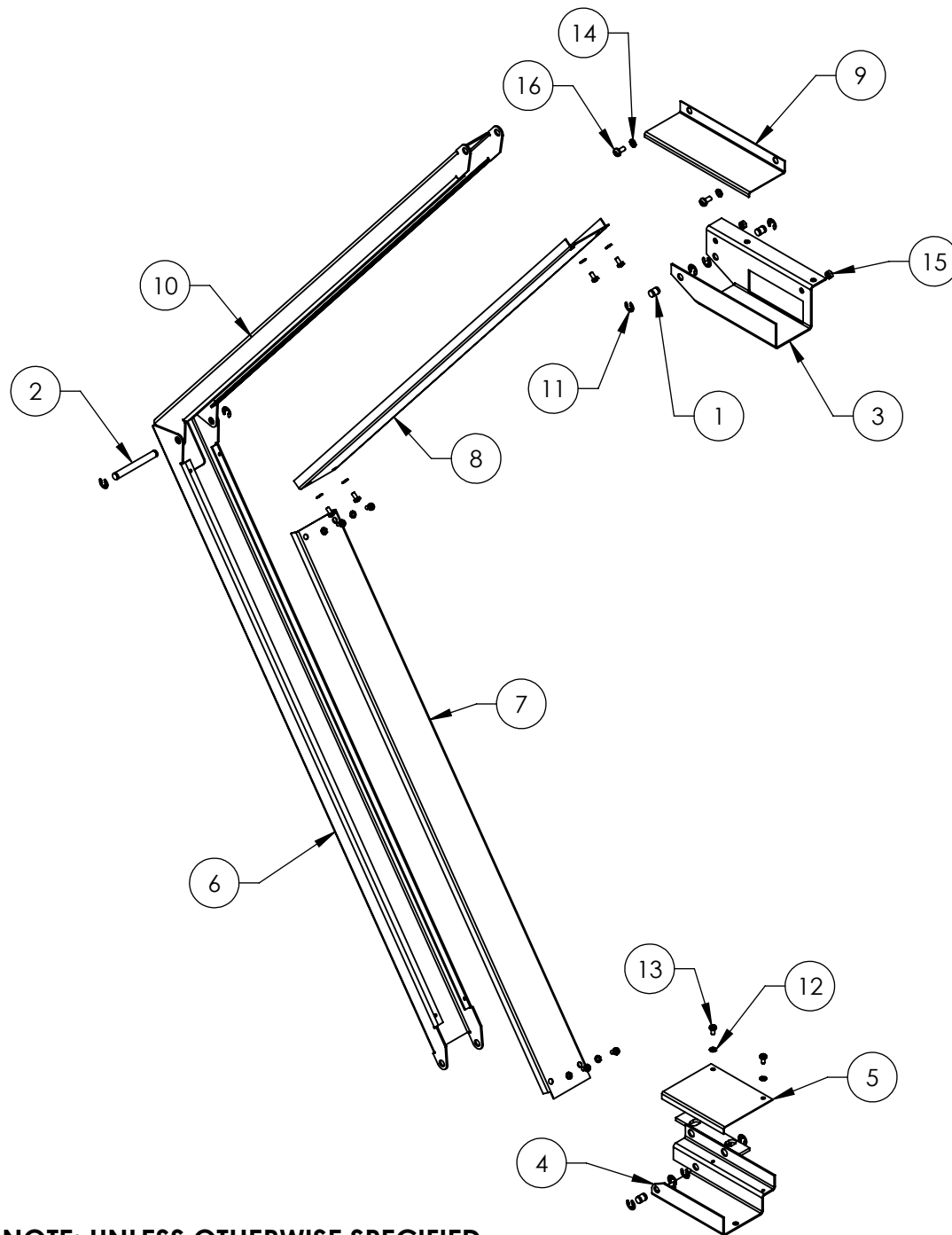
NOTE: UNLESS OTHERWISE SPECIFIED.

- ASSEMBLE ITEMS AS SHOWN
- LIGHT PRESS FIT BUSHINGS

NEXT ASSEMBLY
5215776
5215778

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5600430	XR-12000 SHORT WYE ARM WELDMENT REAR RIGHT, 4.0" CYLINDER	1	J
2	5565023	BUSHING $\varnothing 39 \times \varnothing 34 \times 50$ L BR OI	2	--
3	5565024	BUSHING $\varnothing 55 \times \varnothing 50 \times 46$ L BR OI	2	--
4	5550025	FTG GRS M6 x 1.0	1	--

DO NOT SCALE DRAWING		NAME	DATE		
DRAWN		AC	03/30/2010	1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
CHECKED		CA	6/14/2019		
DIMENSIONS ARE IN MM		THIRD ANGLE PROJECTION		TITLE: XR-12000 SHORT WYE ARM ASSEMBLY REAR RIGHT, 4.0" CYLINDER	
		SIZE DWG. NO.		REV	
		A 5215359		K	
		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.		SCALE: 1:8	
				SHEET 1 OF 1	

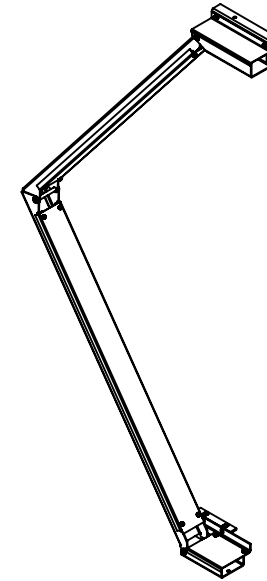


NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5250098

REVISION		DATE	EDITED BY	ECO#
REV	DESCRIPTION			
C	REPLACED 5701273 WITH 5600643	12/13/2011	TM	00491
D	UPDATED BOM REVISION	02/27/2012	TM	00502
D-001	UPDATED NEXT ASSEMBLIES	01/23/2013	TM	00570
E	UPDATED BOM REVISION	02/22/2016	TM	00749



**ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE**

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5746119	XR-12000 SERIES TROUGH SHORT HINGE PIN	4	B
2	5746165	XR-12000 SERIES TROUGH LONG HINGE PIN	1	B
3	5701276	XR-12000 SERIES RAMP HOSE TROUGH MOUNT RH	1	B
4	5600643	XR-12000 SERIES BASE HOSE TROUGH MOUNT WELDMENT RH	1	C
5	5701277	XR-12000 SERIES BOTTOM TROUGH BRACKET COVER	1	B
6	5701278	XR-12000 SERIES BOTTOM TROUGH	1	B
7	5701281	XR-12000 SERIES BOTTOM HOSE TROUGH COVER	1	B
8	5701282	XR-12000 SERIES TOP HOSE TROUGH COVER	1	B
9	5701283	XR-12000 SERIES TOP HINGE BRACKET COVER	1	B
10	5701280	XR-12000 SERIES TOP TROUGH	1	B
11	5540128	E RING Ø3/8" OD TRUARC 5133-37	10	--
12	5545008	WASHER M5 x Ø10 FLAT	10	--
13	5530045	BHPS M5 x 0.8 x 10	10	--
14	5545005	M6 FLAT WASHER	2	--
15	5535112	NUT M6 x 1.0	2	--
16	5530023	BHPS M6 x 1 x 13	2	--

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN AC	03/30/2010
CHECKED CA	02/25/2016

THIRD ANGLE PROJECTION



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BendPak 1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

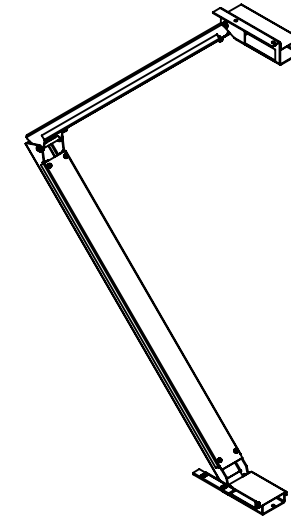
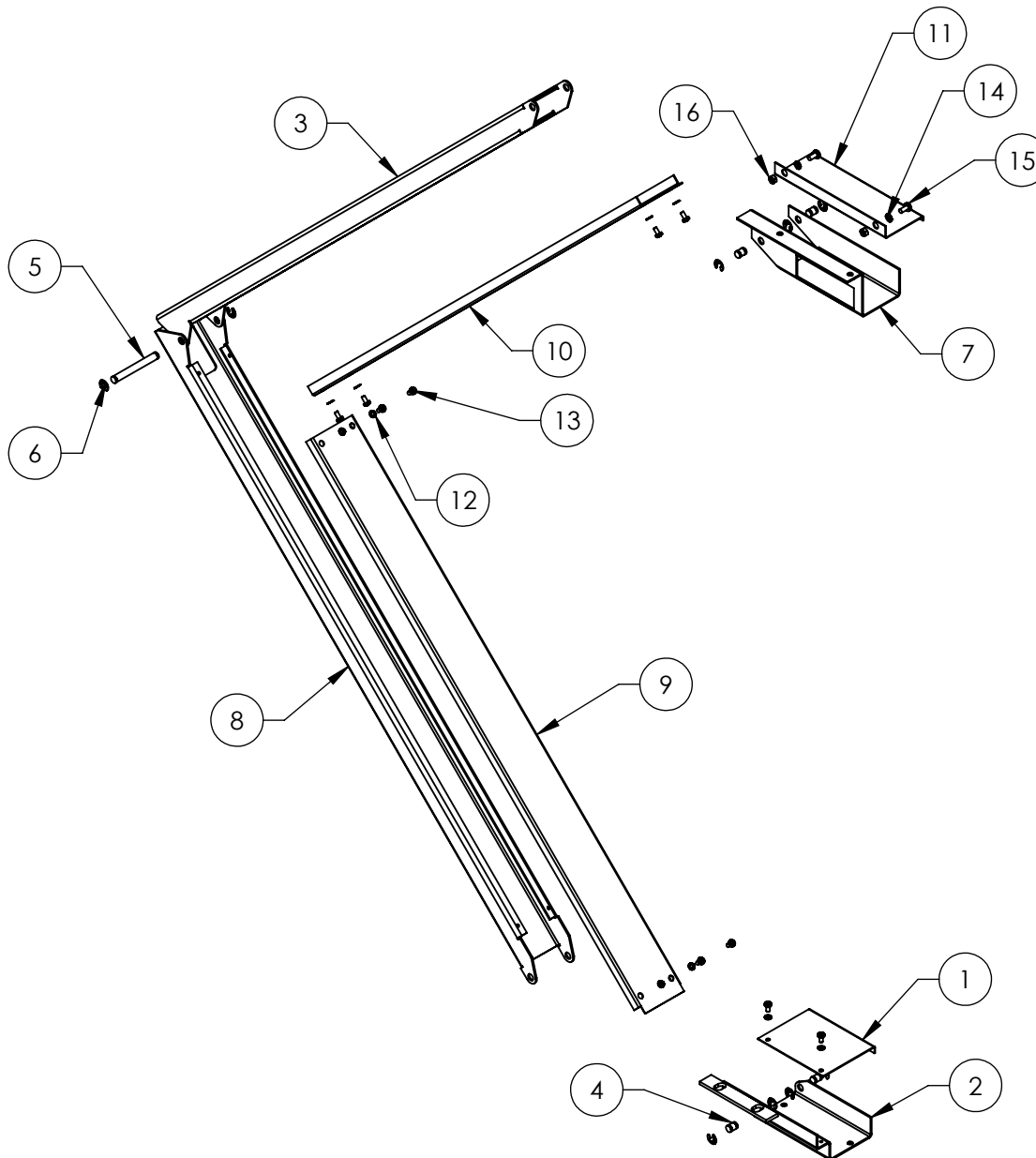
TITLE: XR-12000 SERIES
RIGHT SIDE HOSE
TROUGH ASSEMBLY

SIZE DWG. NO. REV
A 5215364 E

SCALE: 1:10

SHEET 1 OF 1

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	REPLACED 5701272 WITH 5600642	12/13/2011	TM	00491
D	UPDATED NEXT ASSEMBLY	02/28/2012	TM	00502
D-001	UPDATED NEXT ASSEMBLIES	01/23/2013	TM	00570
E	UPDATED BOM REVISION	02/22/2016	TM	00749



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5701277	XR-12000 SERIES BOTTOM TROUGH BRACKET COVER	1	B
2	5600642	XR-12000 SERIES BASE HOSE TROUGH MOUNT WELDMENT LH	1	C
3	5701280	XR-12000 SERIES TOP TROUGH	1	B
4	5746119	XR-12000 SERIES TROUGH SHORT HINGE PIN	4	B
5	5746165	XR-12000 SERIES TROUGH LONG HINGE PIN	1	B
6	5540128	E RING Ø3/8" OD TRUARC 5133-37	10	--
7	5701274	XR-12000 SERIES RAMP HOSE TROUGH MOUNT LH	1	B
8	5701278	XR-12000 SERIES BOTTOM TROUGH	1	B
9	5701281	XR-12000 SERIES BOTTOM HOSE TROUGH COVER	1	B
10	5701282	XR-12000 SERIES TOP HOSE TROUGH COVER	1	B
11	5701283	XR-12000 SERIES TOP HINGE BRACKET COVER	1	B
12	5545008	WASHER M5 x Ø10 FLAT	10	--
13	5530045	BHPS M5 x 0.8 x 10	10	--
14	5545005	M6 FLAT WASHER	2	--
15	5530023	BHPS M6 x 1 x 13	2	--
16	5535112	NUT M6 x 1.0	2	--

DO NOT SCALE DRAWING

NAME	DATE
DRAWN AC	03/31/2010
CHECKED CA	02/25/2016

DIMENSIONS ARE IN MM



THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL
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BendPak 1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000 SERIES
LEFT SIDE HOSE
TROUGH ASSEMBLY

SIZE DWG. NO. REV
A 5215365 E

SCALE: 1:10

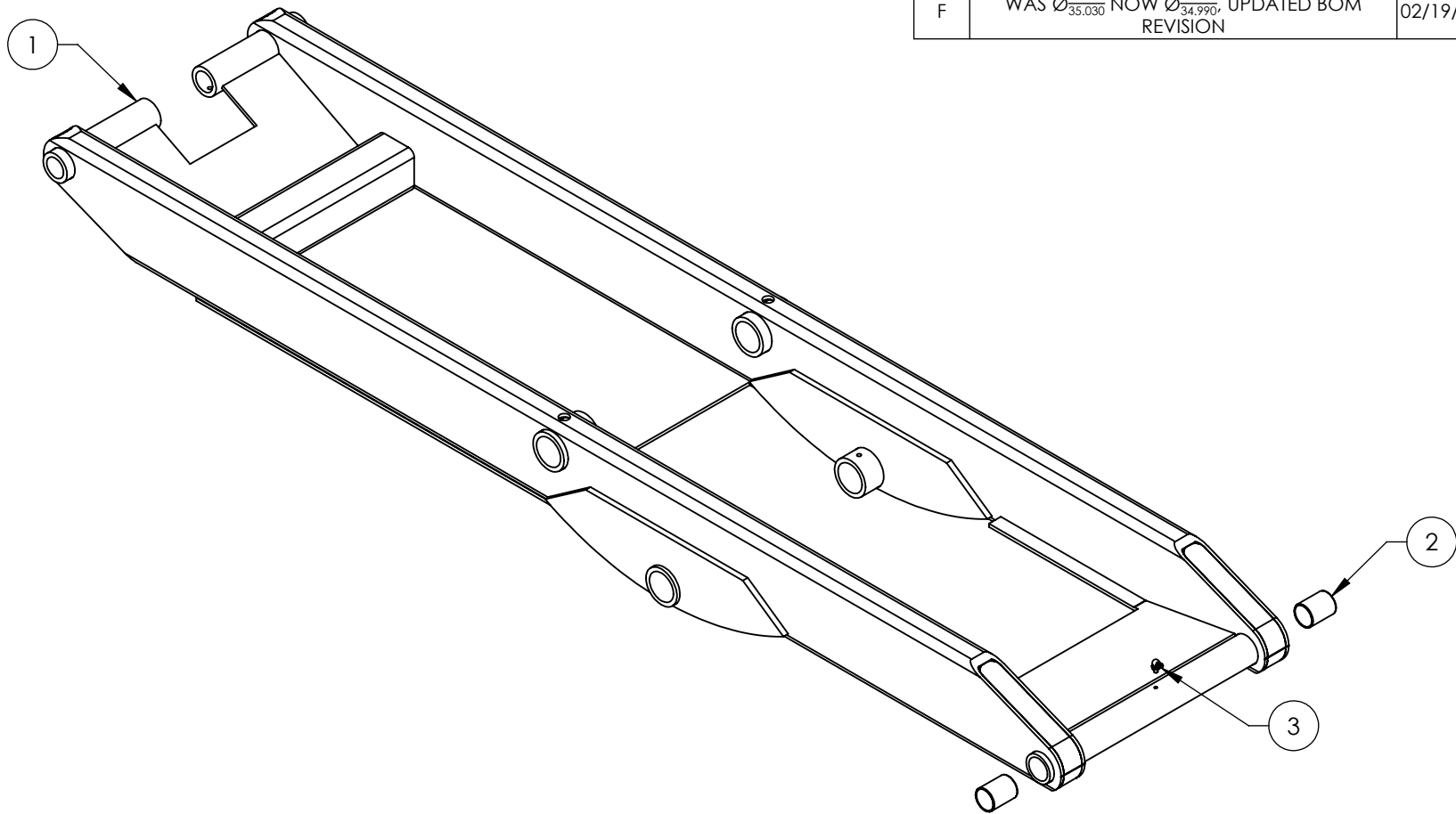
SHEET 1 OF 1

NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5250098

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
D	REPLACED 5550025 WITH 5550028	02/22/2016	TM	00749
E	UPDATED BOM REVISION	04/11/2018	TS	00919
F	WAS $\varnothing_{35.180}^{35.030}$ NOW $\varnothing_{34.990}^{35.085}$ UPDATED BOM REVISION	02/19/2019	TM	01045



WHERE USED
XR-12000 SERIES

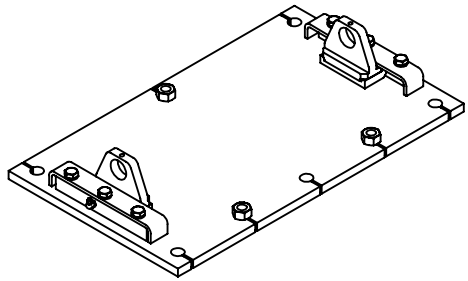
NOTE: UNLESS OTHERWISE SPECIFIED.

1. LIGHT PRESS FIT BUSHINGS
2. ASSEMBLE ITEMS AS SHOWN

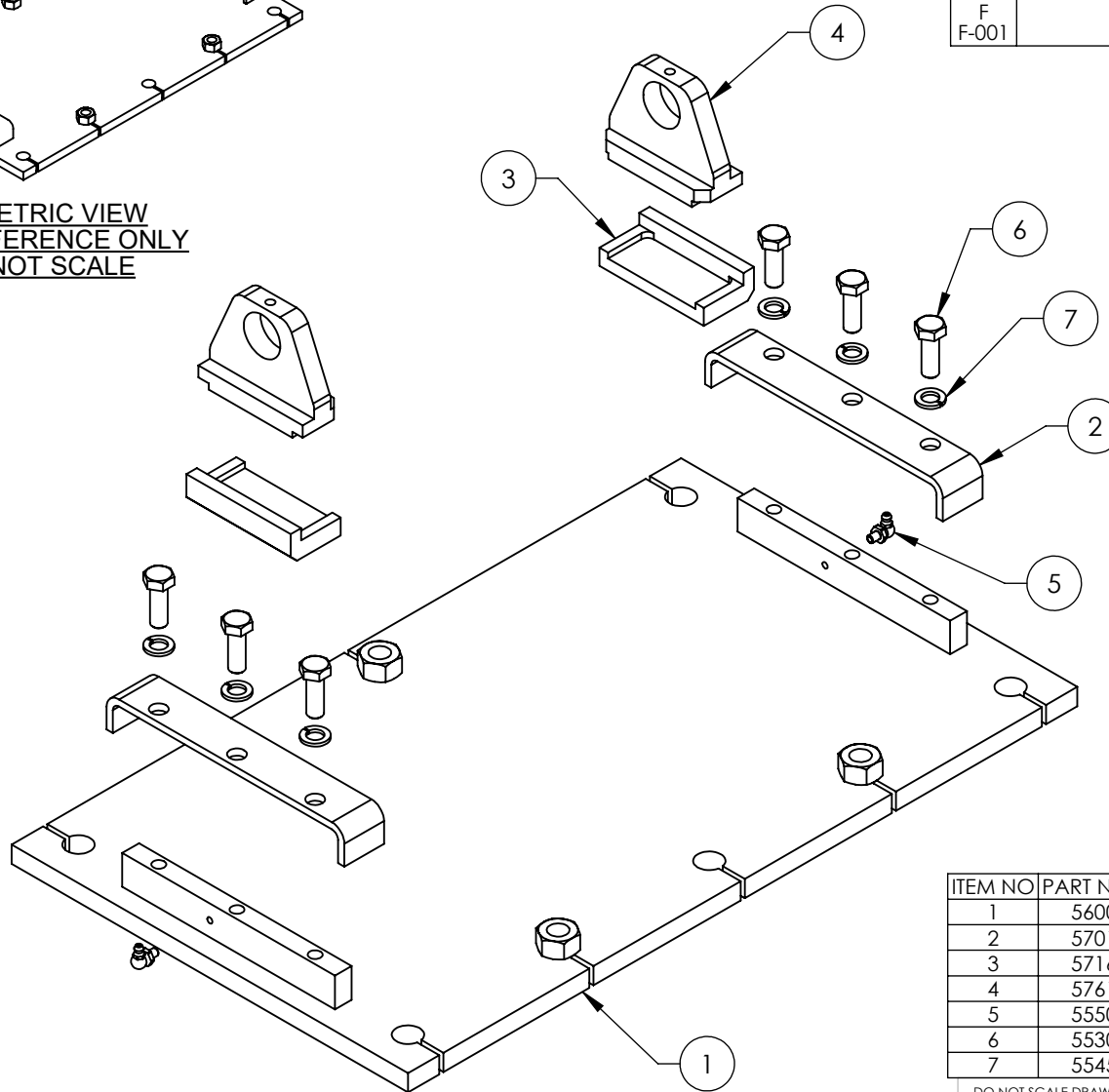
ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5600439	XR-12000 LONG WYE ARM WELDMENT, 5.0" CYLINDER	1	E
2	5565023	BUSHING $\varnothing 39 \times \varnothing 34 \times 50L$ BR OI	2	--
3	5550028	FTG ELB GRS M6 x 1	1	--

DO NOT SCALE DRAWING		NAME	DATE	1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DRAWN		AC	03/30/2010	
CHECKED		CA	3/14/2019	
DIMENSIONS ARE IN MM		THIRD ANGLE PROJECTION		
		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.		TITLE: XR-12000 LONG WYE ARM ASSEMBLY, 5.0" CYLINDER
		SIZE DWG. NO.		REV
		A 5215366		F
SCALE: 1:10				SHEET 1 OF 2

NEXT ASSEMBLY
5215776
5215777
5215778
5215779



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
D	REPLACED 5550025 WITH 5550028	02/22/2016	TM	00749
E	UPDATED BOM REVISION	10/05/2016	TM	00783
F	UPDATED BOM REVISION	09/26/2017	TM	00888
F-001	UPDATED NEXT ASSEMBLIES	07/19/2018	CA	00919

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5600445	XR-12000 SERIES SLIDING BASE PLATE WELDMENT	1	D
2	5701302	XR-12000 SERIES BASE PLATE SLIDE BLOCK COVER	2	B
3	5716024	XR-12000 SERIES BASE PLATE SLIDE BLOCK	2	C
4	5761087	XR-12000 SERIES SLIDING BASE PLATE PIVOT HINGE	2	C
5	5550028	FTG ELB GRS M6 x 1	2	--
6	5530076	HHB M12 x 1.75 x 35mm	6	--
7	5545201	WASHER, M12 SPRING LOCK	6	--

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN AC	03/31/2010
CHECKED CA	7/19/2018

THIRD ANGLE PROJECTION

BP BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000 SERIES SLIDING
BASE PLATE ASSEMBLY

SIZE DWG. NO. REV
A 5215371 F

SCALE: 1:5

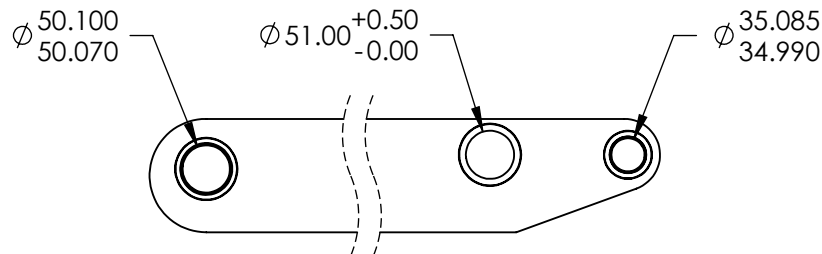
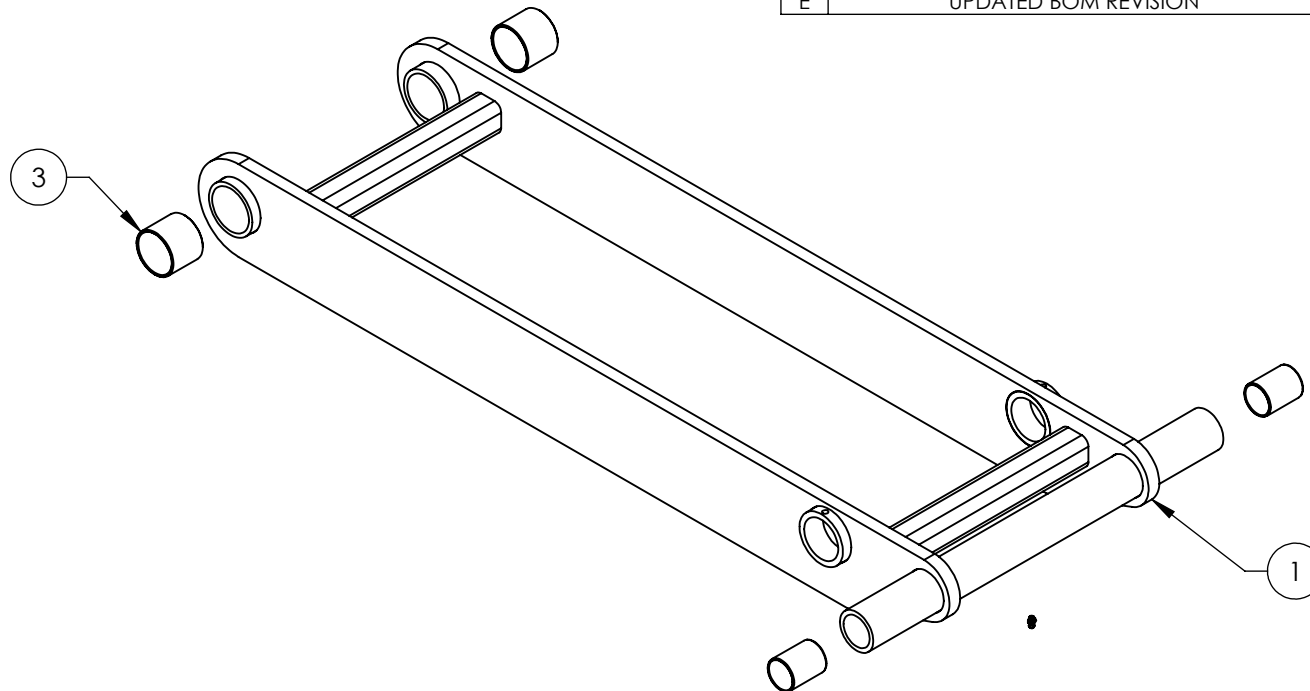
SHEET 1 OF 1

NOTE: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5215776
5215777
5215778
5215779

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	REPLACED 5600731 WITH 5601247, UPDATED NEXT ASSEMBLIES	02/12/2018	TS	00919
D	REPLACED (2) 5565056 WITH 5565024, REMOVED (2) 5565056, WAS Ø50.030+.150 NOW Ø ^{50.100} _{50.070} , WAS Ø35.030+.150 NOW Ø ^{35.085} _{34.990} , UPDATED BOM REVISION, UPDATED TITLE TO REFLECT WHERE USED	02/22/2019	TM	01045
E	UPDATED BOM REVISION	05/24/2019	TM	01088



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601247	XR-12000 SHORT WYE ARM WELDMENT FRONT RIGHT, 5.0\" CYLINDER	1	C
2	5565023	BUSHING Ø39 x Ø34 x 50L BR OI	2	--
3	5565024	BUSHING Ø55 x Ø50 x 46L BR OI	2	--
4	5550025	FTG GRS M6 x 1.0	1	--

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TM	01/15/2013
CHECKED CA	6/14/2019

THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL
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BP BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000 SHORT WYE
ARM ASSEMBLY FRONT
RIGHT, 5.0\" CYLINDER

SIZE DWG. NO.	REV
A 5215584	E

SCALE: 1:8

SHEET 1 OF 1

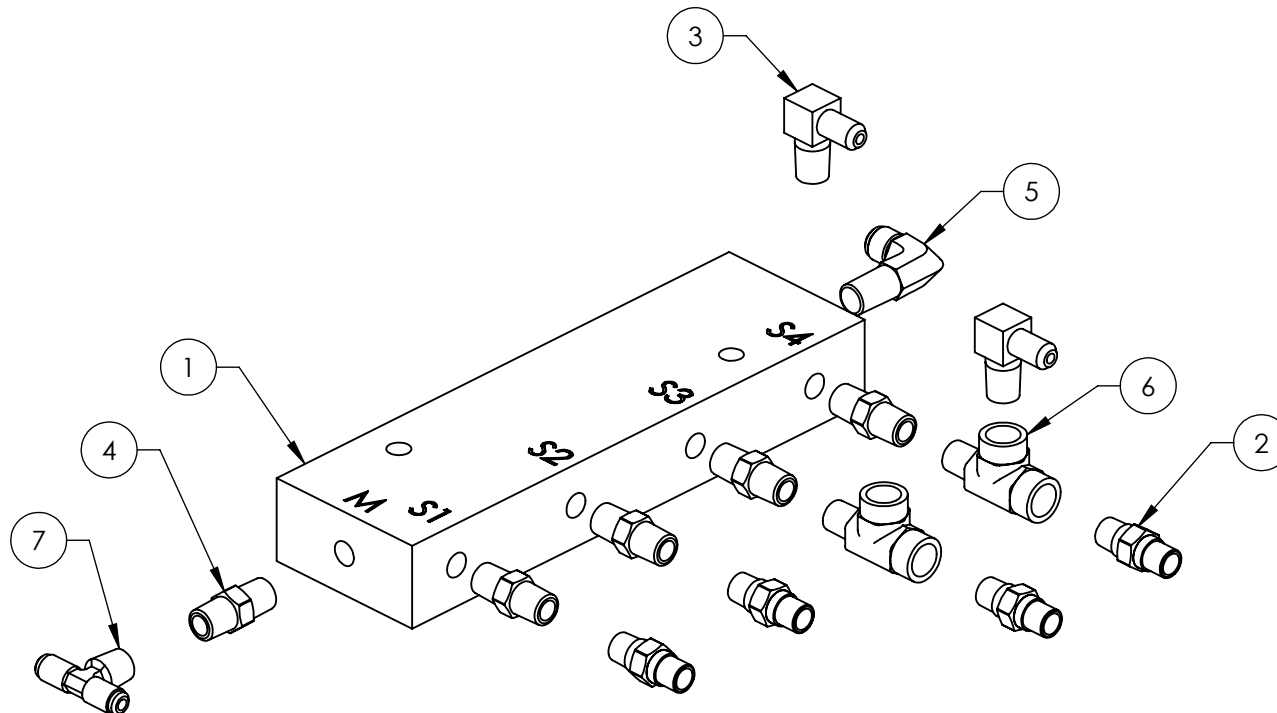
WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE ITEMS AS SHOWN
2. LIGHT PRESS FIT BUSHINGS

NEXT ASSEMBLY
5215776
5215778

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A A-001	PRODUCTION RELEASE, DERIVED FOM 5215361 UPDATED NEXT ASSEMBLY	09/06/2013 04/17/2015	SH TM	00619 00701
B	UPDATED TITLE TO REFLECT MARKETING, UPDATED BOM REVISION	07/19/2018	CA	00919
C	REPLACED 5550185 WITH 5550485	10/14/2019	CA	01134



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5711231	XR-12000L VALVE BLOCK	1	B
2	5550147	FTG NPL -04 JIC x -04 NPT	4	--
3	5550086	FTG ELB -04 NPT x -04 JIC	2	--
4	5550298	FTG NPL -04 NPT x -04 NPT	5	--
5	5550299	FTG ELB -04 NPT L x -06 JIC	1	--
6	5550485	FTG TEE -04 NPT L x -04 NPTF x -04 NPTF	2	--
7	5550181	FTG TEE -04 JIC x -04 JIC x 04 NPT	1	--

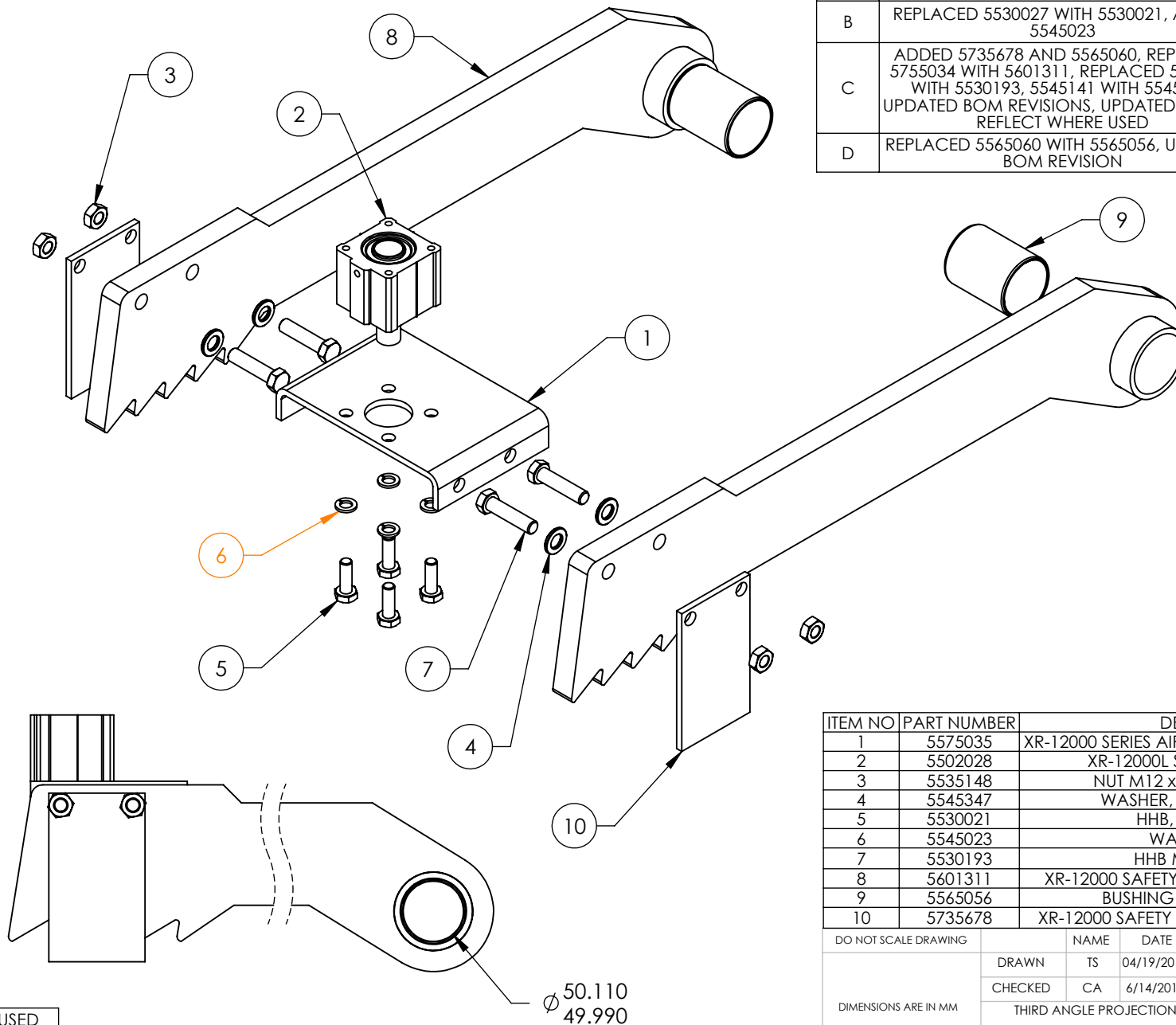
WHERE USED
XR-1200L
XR-12000AL

NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
3. DO NOT ASSEMBLE

NEXT ASSEMBLY
5250098

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
DIMENSIONS ARE IN MM		DRAWN	SH	09/06/2013		
		CHECKED	CA	10/16/2019		
		THIRD ANGLE PROJECTION		TITLE: XR-12000 VALVE BLOCK ASSEMBLY		
				SIZE	DWG. NO.	REV
		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	5215628	C
SCALE: 1:3				SHEET 1 OF 1		



WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. LIGHT PRESS FIT BUSHINGS
2. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5215776
5215777
5215778
5215779

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	REPLACED 5530027 WITH 5530021, ADDED 5545023	09/28/2018	TS	01009
C	ADDED 5735678 AND 5565060, REPLACED 5755034 WITH 5601311, REPLACED 5530116 WITH 5530193, 5545141 WITH 5545347, UPDATED BOM REVISIONS, UPDATED TITLE TO REFLECT WHERE USED	02/20/2019	TM	01045
D	REPLACED 5565060 WITH 5565056, UPDATED BOM REVISION	05/28/2019	TM	01088

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5575035	XR-12000 SERIES AIR CYLINDER BRACKET FRONT	1	B
2	5502028	XR-12000L SERIES AIR CYLINDER	1	A
3	5535148	NUT M12 x 1.75 NL CL 8.8 THIN	4	--
4	5545347	WASHER, M12 FLAT WASHER	4	--
5	5530021	HHB, M10 x 1.5 x 30	4	--
6	5545023	WASHER M10 SL	4	--
7	5530193	HHB M12 x 1.75 x 50	4	--
8	5601311	XR-12000 SAFETY LOCK LATCH WELDMENT	2	B
9	5565056	BUSHING Ø55 x Ø50 x 69 BR	2	--
10	5735678	XR-12000 SAFETY LOCK LATCH GUIDE PLATE	2	A

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TS	04/19/2018
CHECKED CA	6/14/2019

THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL
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BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

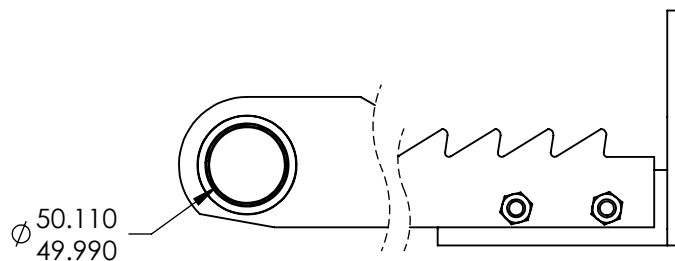
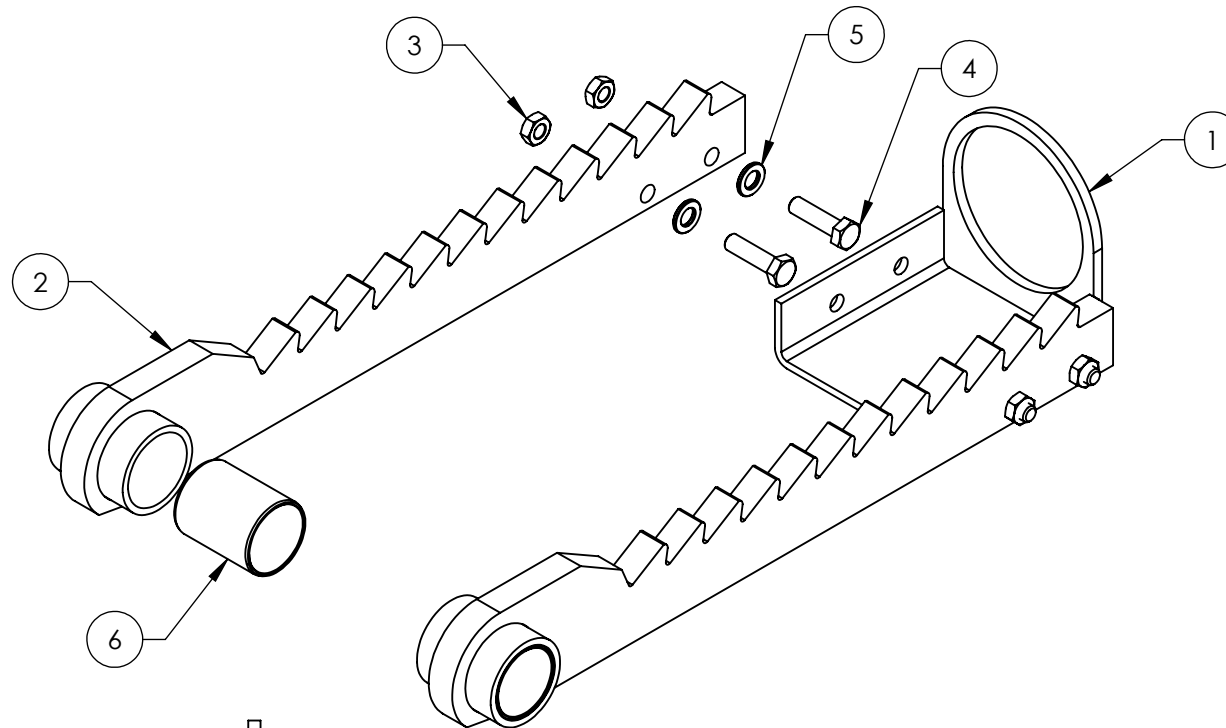
TITLE: XR-12000 LOCK LATCH ASSEMBLY FRONT, 5.0" CYLINDER

SIZE DWG. NO. A 5215765 REV D

SCALE: 1:5

SHEET 1 OF 1

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	04/23/2018	TS	00919
B	ADDED 5565055, REPLACED 5575033 WITH 5601309, 5545141 WITH 5545347, UPDATED BOM REVISION, UPDATED TITLE TO REFLECT WHERE USED	01/03/2019	TM	01045
C	REPLACED 5601309 WITH 560310, 5565055 WITH 5565056	05/30/2019	TM	01088



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601249	CYLINDER BRACKET WELDMENT 4.0"	1	B
2	5601310	XR-12000 SAFETY STOP BAR WELDMENT	2	B
3	5535148	NUT M12 x 1.75 NL CL 8.8 THIN	4	--
4	5530792	HHB M12 x 1.75 x 45 CL10.9	4	--
5	5545347	WASHER, M12 FLAT WASHER	4	--
6	5565056	BUSHING Ø55 x Ø50 x 69 BR	2	--

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TS	04/20/2018
CHECKED CA	6/14/2019

THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL
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BP BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE:
XR-12000 CYLINDER LOCK
ASSEMBLY REAR, 4.0" CYLINDER

SIZE DWG. NO. REV
A 5215766 C

SCALE: 1:5

SHEET 1 OF 1

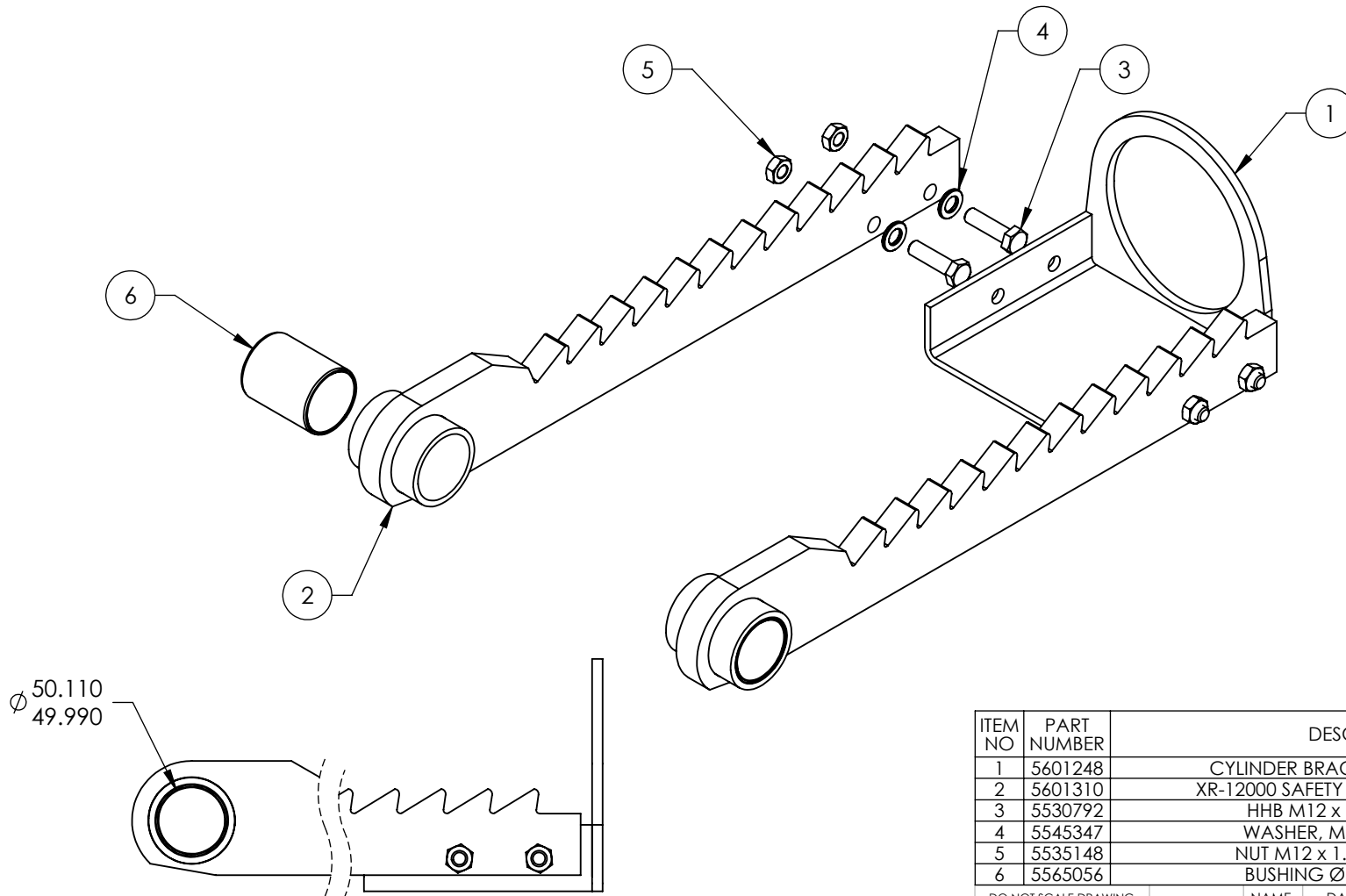
WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. LIGHT PRESS FIT BUSHINGS
2. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5215776
5215777
5215778
5215779

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	04/23/2018	TS	00919
B	ADDED 5565060, REPLACED 5575033 WITH 5601310, 5530116 WITH 5530792, 5545141 WITH 5545347. UPDATED BOM REVISION, UPDATED TITLE TO REFLECT WHERE USED	01/03/2019	TM	01045
C	UPDATED BUSHING AND BOM REVISION	05/28/2019	TM	01088



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601248	CYLINDER BRACKET WELDMENT 5.0"	1	B
2	5601310	XR-12000 SAFETY STOP BAR WELDMENT	2	B
3	5530792	HHB M12 x 1.75 x 45 CL10.9	4	--
4	5545347	WASHER, M12 FLAT WASHER	4	--
5	5535148	NUT M12 x 1.75 NL CL 8.8 THIN	4	--
6	5565056	BUSHING Ø55 x Ø50 x 69 BR	2	--

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TS	04/20/2018
CHECKED CA	6/14/2019

THIRD ANGLE PROJECTION

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BP BendPak.
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE:
XR-12000 CYLINDER LOCK
ASSEMBLY FRONT, 5.0" CYLINDER

SIZE DWG. NO. REV
A 5215767 C

SCALE: 1:5

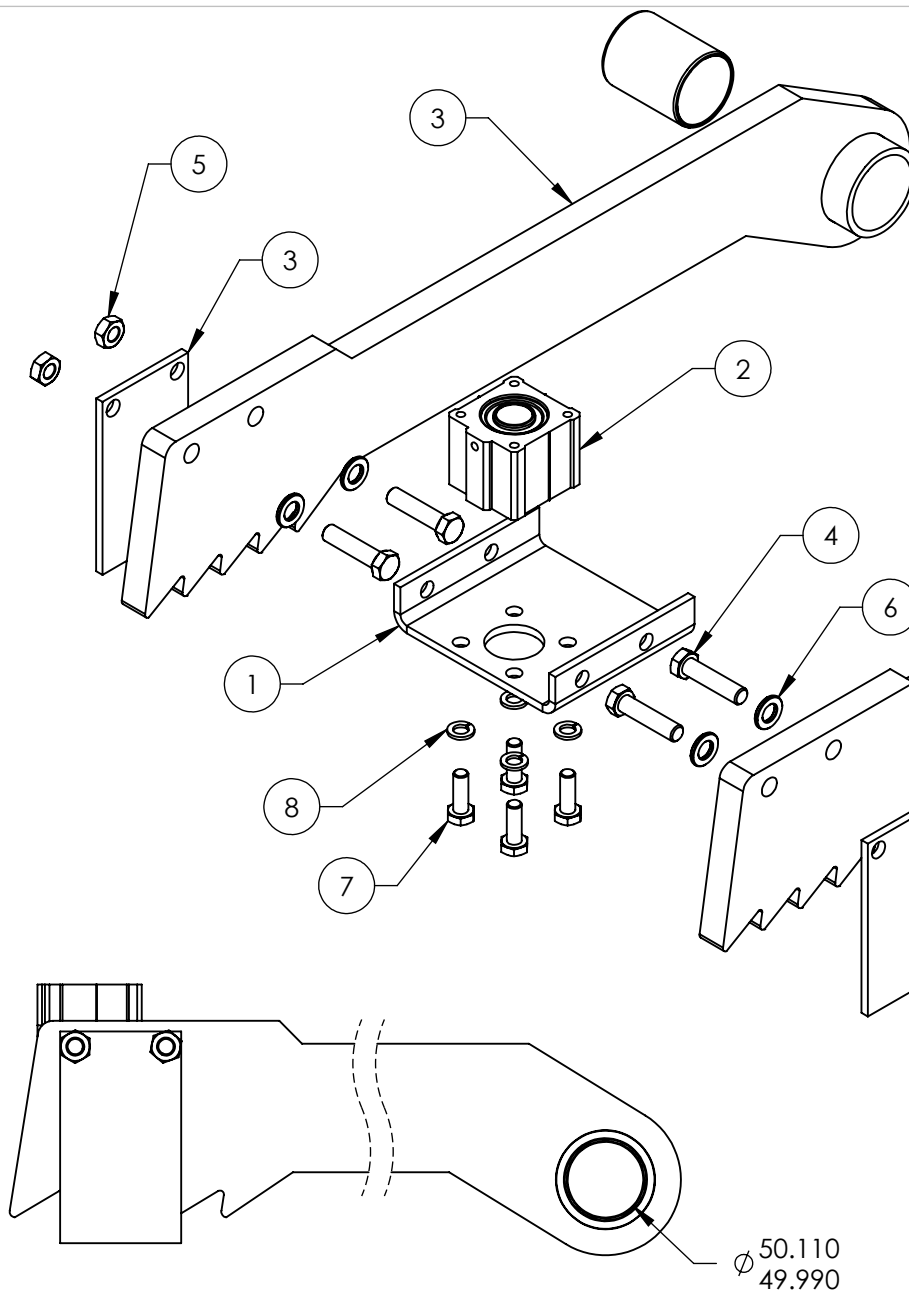
SHEET 1 OF 1

WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. LIGHT PRESS FIT BUSHINGS
2. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5215776
5215777
5215778
5215779



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	REPLACED 5530027 WITH 5530021, ADDED 5545023	09/28/2018	TS	01009
C	ADDED 5735678 AND 5565057, REPLACED 5755034 WITH 5601308, REPLACED 5530116 WITH 5530193, 5545141 WITH 5545347, UPDATED BOM REVISION, UPDATED TITLE TO REFLECT WHERE USED	01/03/2019	TM	01045
D	REPLACED 5601308 WITH 5601311, 5565057 WITH 5565056, UPDATED BOM REVISION	05/28/2019	TM	01088

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5575036	XR-12000 SERIES AIR CYLINDER BRACKET REAR	1	B
2	5502028	XR-12000L SERIES AIR CYLINDER	1	A
3	5601311	XR-12000 SAFETY LOCK LATCH WELDMENT	2	--
4	5530193	HHB M12 x 1.75 x 50	4	--
5	5535148	NUT M12 x 1.75 NL CL 8.8 THIN	4	--
6	5545347	WASHER, M12 FLAT WASHER	4	--
7	5530021	HHB, M10 x 1.5 x 30	4	--
8	5545023	WASHER M10 SL	4	--
3	5735678	XR-12000 SAFETY LOCK LATCH GUIDE PLATE	2	A
10	5565056	BUSHING Ø55 x Ø50 x 69 BR	2	--

DO NOT SCALE DRAWING

NAME	DATE
DRAWN TS	04/19/2018
CHECKED CA	6/14/2019

DIMENSIONS ARE IN MM

THIRD ANGLE PROJECTION



PROPRIETARY AND CONFIDENTIAL
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BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000 LOCK LATCH
ASSEMBLY REAR, 4.0"
CYLINDER

SIZE DWG. NO. REV
A 5215768 D

SCALE: 1:5

SHEET 1 OF 1

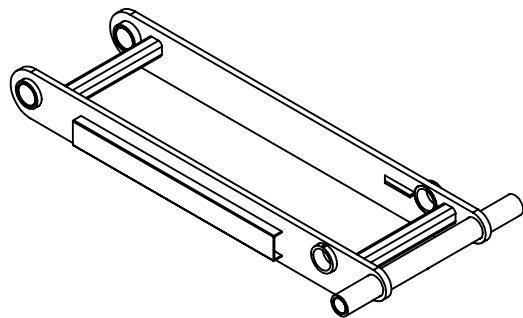
WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

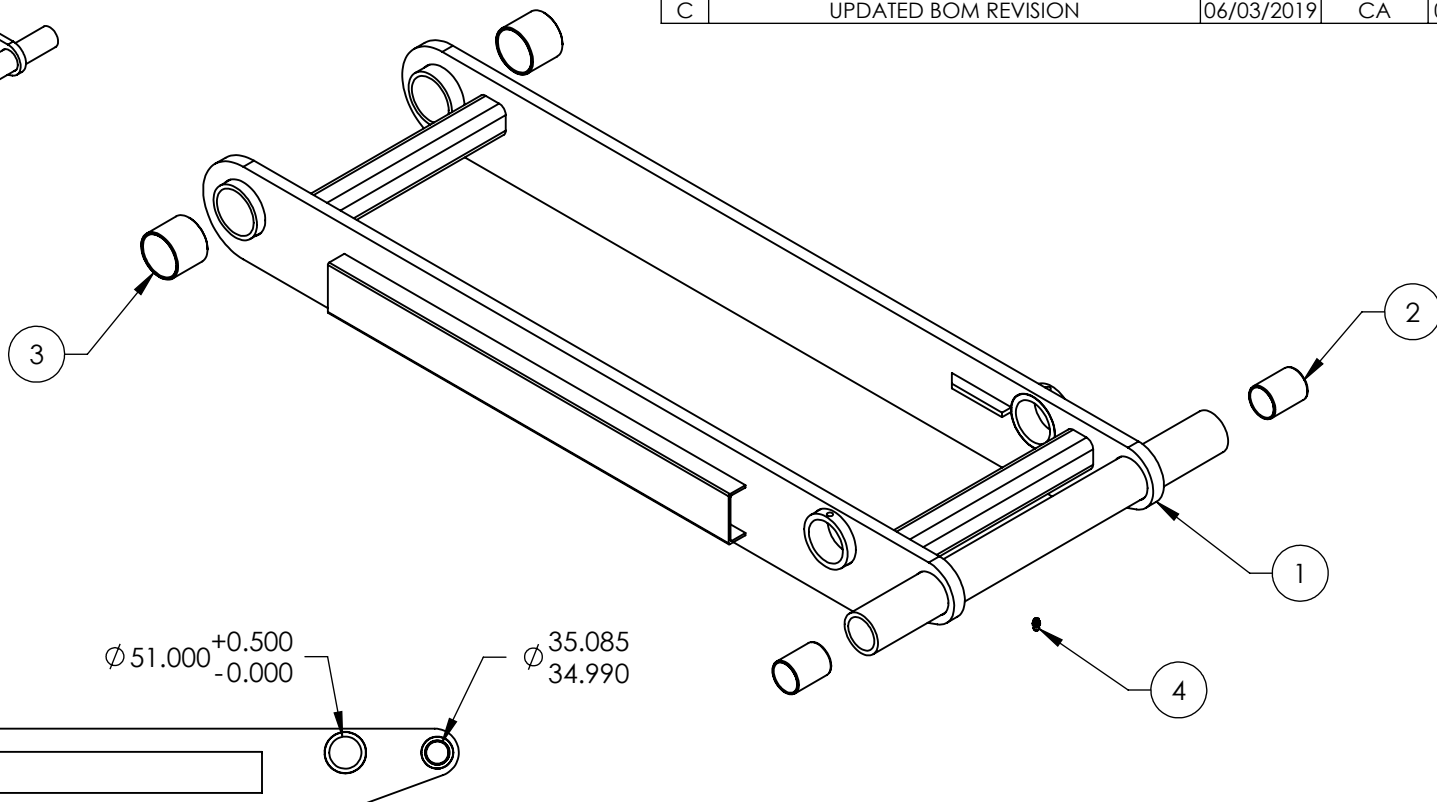
1. LIGHT PRESS FIT BUSHINGS
2. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5215776
5215777
5215778
5215779

Ø 50.110
49.990



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



$\varnothing 50.100$
 50.070

$\varnothing 51.000^{+0.500}_{-0.000}$

$\varnothing 35.085$
 34.990

WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE ITEMS AS SHOWN
2. LIGHT PRESS FIT BUSHINGS

NEXT ASSEMBLY
5215777
5215779

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5215584	02/12/2018	TS	00919
B	REMOVED 5565056, WAS $\varnothing 50.180$ NOW $\varnothing 50.100$ WAS $\varnothing 35.180$ NOW $\varnothing 35.085$, UPDATED BOM REVISION, UPDATED TITLE TO REFLECT WHERE USED	02/15/2019	TM	01045
C	UPDATED BOM REVISION	06/03/2019	CA	01088

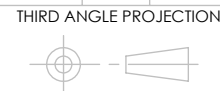
ITEM NO.	PART NUMBER	DESCRIPTION	QTY	REV
1	5601254	XR-12000 SHORT WYE ARM WELDMENT FRONT LEFT, 5.0" CYLINDER	1	C
2	5565023	BUSHING $\varnothing 39 \times \varnothing 34 \times 50$ L BR OI	2	--
3	5565024	BUSHING $\varnothing 55 \times \varnothing 50 \times 46$ L BR OI	2	--
4	5550025	FTG GRS M6 x 1.0	1	--

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TS	04/25/2018
CHECKED CA	6/14/2019



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PROHIBITED.

BP BendPak.

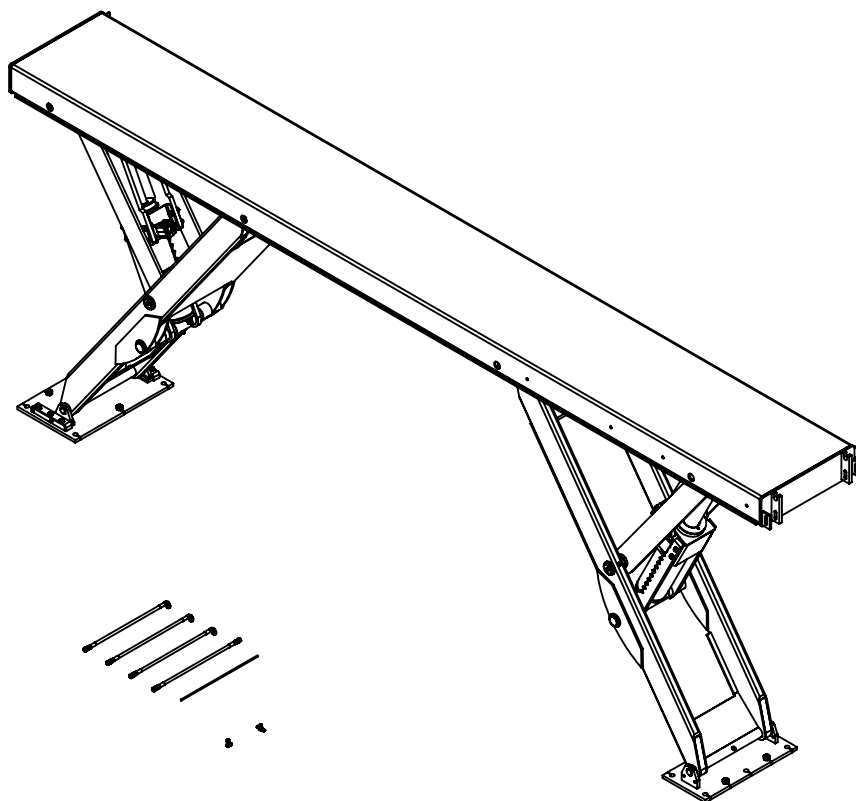
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000 SHORT WYE
ARM ASSEMBLY FRONT
LEFT, 5.0" CYLINDER

SIZE	DWG. NO.	REV
A	5215773	C

SCALE: 1:8

SHEET 1 OF 1



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED BOM REVISIONS	09/28/2018	TS	01009
C	ADDED (1) 5550147, REMOVED 5550091, 5215771, AND 5215772, REPLACED (1) 5215366 WITH 5215823, 5502355 WITH 5502322, UPDATED HOSE ROUTING TO REFLECT SAMPLE, UPDATED BOM REVISIONS	01/14/2019	TM	01045
D	UPDATED BOM REVISIONS	05/30/2019	TM	01088

ITEM NO.	PART NUMBER	DESCRIPTION	QTY	REV
1	5601258	XR-12000L RIGHT HAND RAMP WELDMENT VER C	1	A
2	5600428	XR-12000 SERIES FIXED BASE PLATE WELDMENT	1	D
3	5215371	XR-12000 SERIES SLIDING BASE PLATE ASSEMBLY	1	F
4	5502027	OFFSET CYLINDER ASSEMBLY Ø5.0 x 17.3 RH VER B	1	C
5	5502322	OFFSET CYLINDER ASSEMBLY Ø4.0 x 17.3	1	L
6	5746164	XR-12000 SERIES FRONT LONG WYE BASE PIN	2	B
7	5746163	XR-12000 SERIES WYE HINGE PIN	4	B
8	5746162	XR-12000 SERIES LONG WYE CYLINDER PIN	2	B
9	5746161	XR-12000 SERIES SHORT WYE CYLINDER PIN	2	D
10	5746146	XR-12000 SERIES RAMP SHORT WYE HINGE PIN	2	B
11	5716025	XR-12000 SERIES RAMP SLIDE BLOCK	4	C
12	5746144	XR-12000 SERIES RAMP SLIDE BLOCK PIN	2	B
13	5215584	XR-12000 SHORT WYE ARM ASSEMBLY FRONT RIGHT, 5.0" CYLINDER	1	E
14	5215359	XR-12000 SHORT WYE ARM ASSEMBLY REAR RIGHT, 4.0" CYLINDER	1	K
15	5215366	XR-12000 LONG WYE ARM ASSEMBLY, 5.0" CYLINDER	1	F
16	5215823	XR-12000 LONG WYE ARM ASSEMBLY, 4.0" CYLINDER	1	B
17	5540127	R RING Ø2.0" OD TRUARC 5160-200	12	--
18	5530108	SSS M8 x 1.25 x 12	24	--
19	5550025	FTG GRS M6 x 1.0	4	--
20	5550028	FTG ELB GRS M6 x 1	4	--
21	5550147	FTG NPL -04 JIC x -04 NPT	3	--
22	5570039	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 1448mm SB	1	E
23	5570032	HOSE ASSEMBLY Ø6.4 x 5000mm, SB	1	E
24	5570004	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 6147mm DS	1	C
25	5570208	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 11340mm SB	1	B
26	5550310	FTG TEE -04JIC -04JIC -04JIC	1	--
27	5550489	FTG TEE 1/4-1/4-1/4 TUBE INS	1	--
28	5570795	1/4" POLY-FLO TUBING	7500mm	--
29	5215768	XR-12000 LOCK LATCH ASSEMBLY REAR, 4.0" CYLINDER	1	D
30	5215766	XR-12000 CYLINDER LOCK ASSEMBLY REAR, 4.0" CYLINDER	1	C
31	5215767	XR-12000 CYLINDER LOCK ASSEMBLY FRONT, 5.0" CYLINDER	1	C
32	5215765	XR-12000 LOCK LATCH ASSEMBLY FRONT, 5.0" CYLINDER	1	D

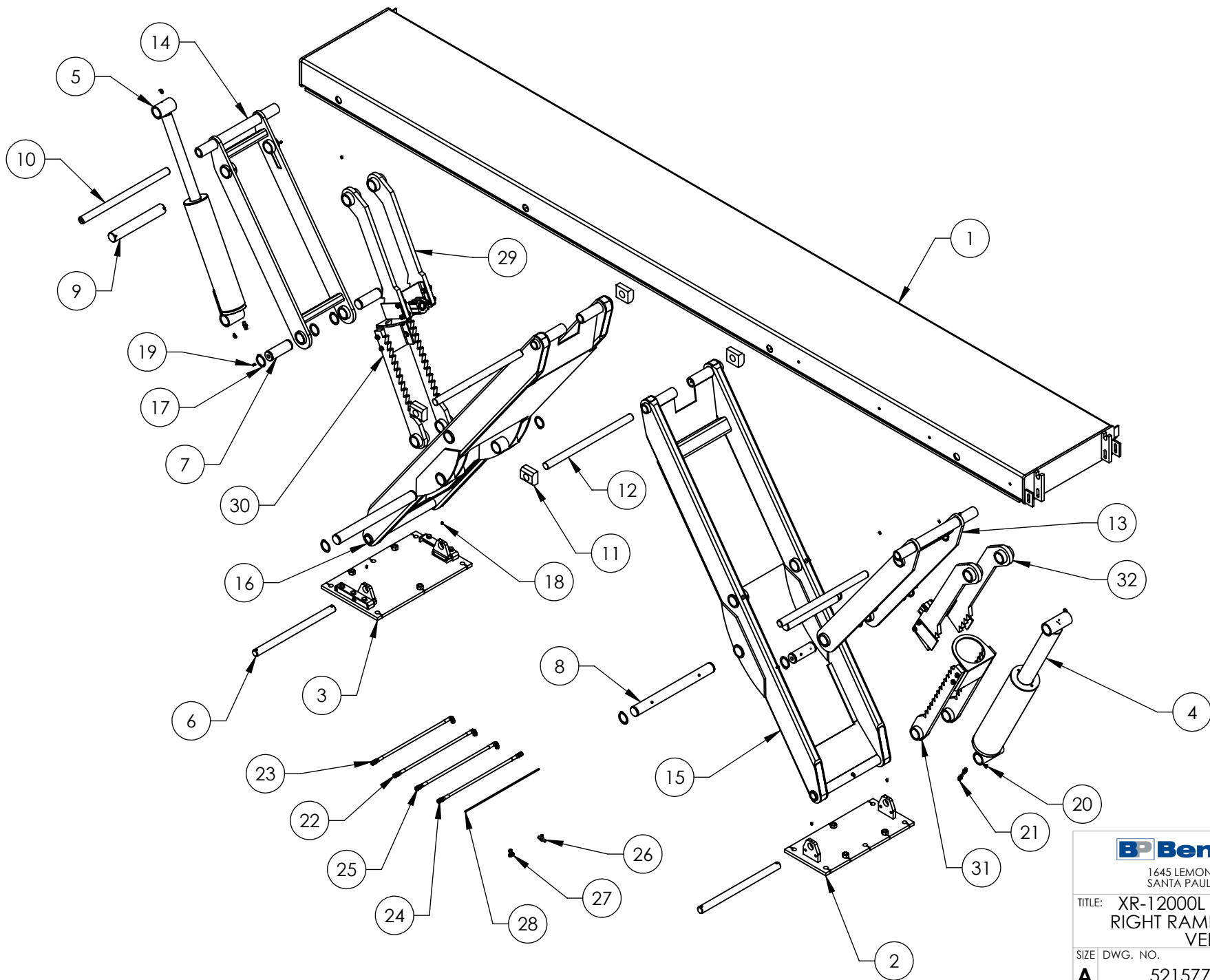
WHERE USED
XR-12000L

NOTE: UNLESS OTHERWISE SPECIFIED.

- HOSES AND AIR LINE MUST BE ROUTED BEFORE PACKAGING
- HOSES AND AIRLINE SHOWN IN REPRESENTATIONAL FORM
- COIL EXCESS HOSE INSIDE RAMP FOR SHIPMENT
- SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
- ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5245048

DO NOT SCALE DRAWING	NAME	DATE	1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
	DRAWN	TS		04/27/2018
	CHECKED	CA		6/14/2019
DIMENSIONS ARE IN MM	THIRD ANGLE PROJECTION		TITLE: XR-12000L COMPLETE RIGHT RAMP ASSEMBLY VER C	
	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.		SIZE DWG. NO.	
			A 5215778	
			REV D	
SCALE: 1:35			SHEET 1 OF 3	



BP BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000L COMPLETE
RIGHT RAMP ASSEMBLY
VER C

SIZE DWG. NO.

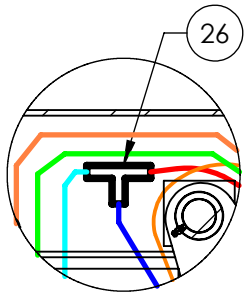
A 5215778

REV

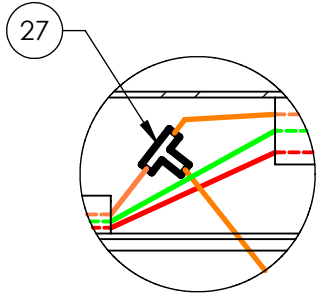
D

SCALE: 1:25

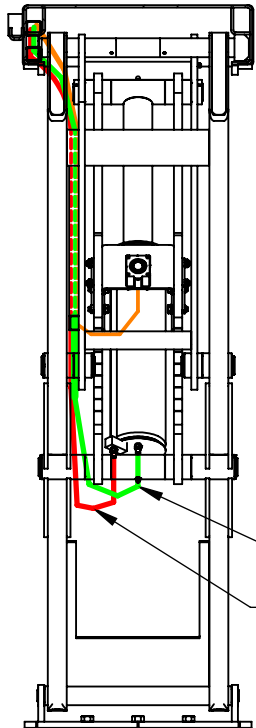
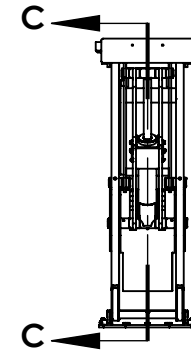
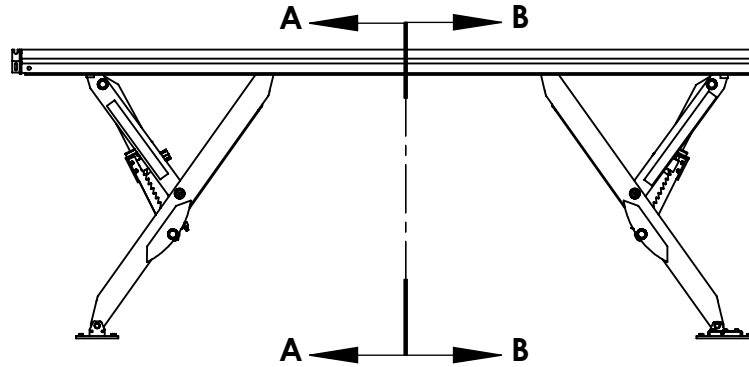
SHEET 2 OF 3



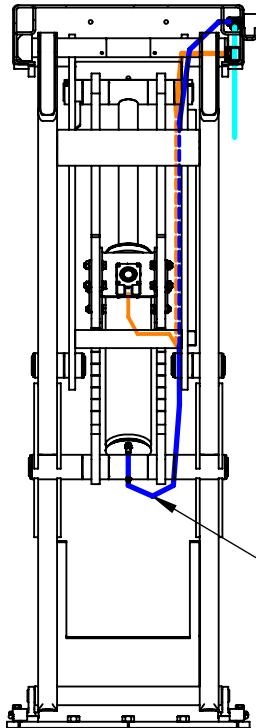
DETAIL D
SCALE 1 : 8



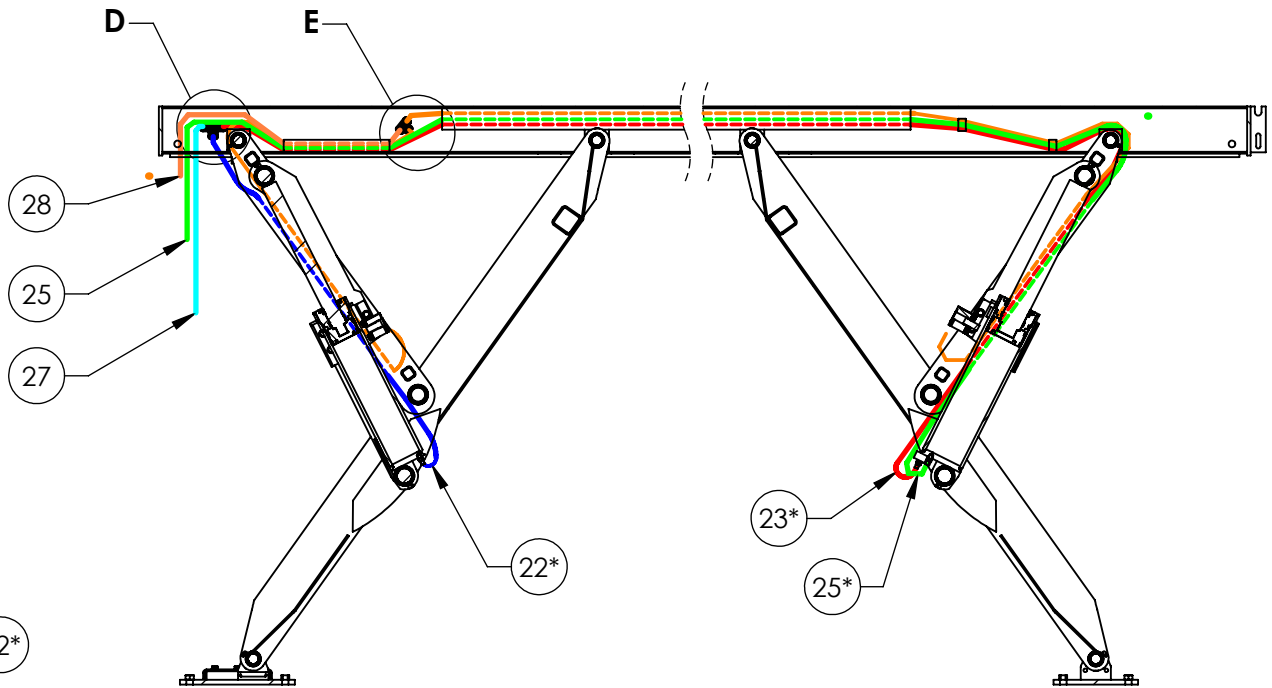
DETAIL E
SCALE 1 : 8



SECTION A-A
SCALE 1 : 20



SECTION B-B
SCALE 1 : 20



SECTION C-C
SCALE 1 : 25

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
22	5570039	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 1448mm SB	1	E
23	5570032	HOSE ASSEMBLY Ø6.4 x 5000mm, SB	1	E
24	5570004	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 6147mm DS	1	C
25	5570208	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 11340mm SB	1	B
26	5550310	FTG TEE -04JIC -04JIC -04JIC	1	--
27	5550489	FTG TEE 1/4-1/4-1/4 TUBE INS	1	--
28	5570795	1/4" POLY-FLO TUBING	7500mm	--

BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

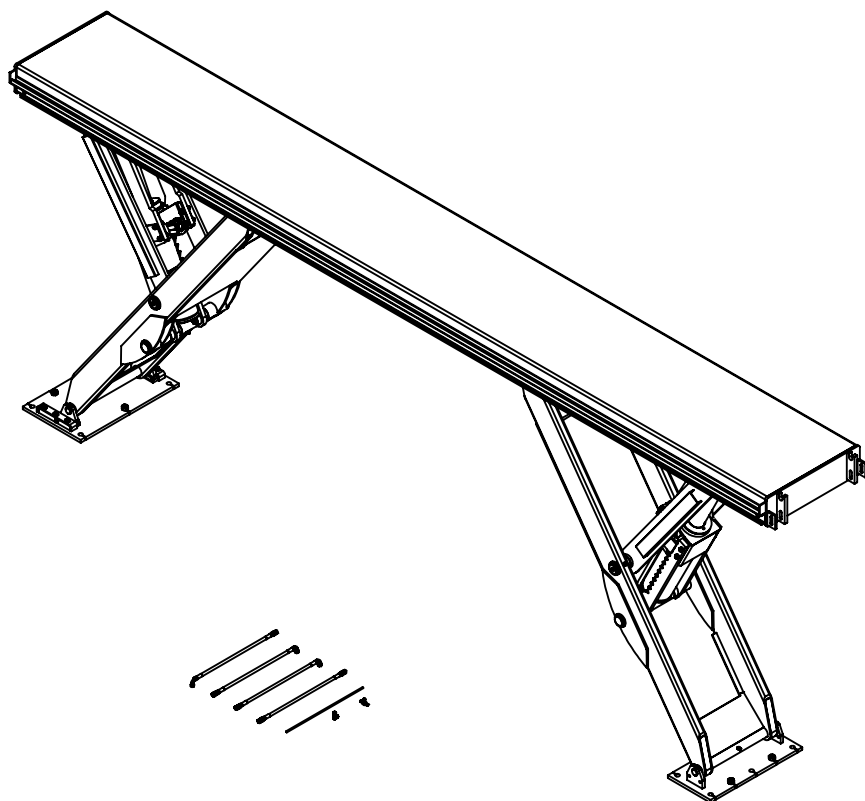
TITLE: XR-12000L COMPLETE
RIGHT RAMP ASSEMBLY
VER C

SIZE DWG. NO. 5215778 REV D

SCALE: 1:50

SHEET 3 OF 3

1. *MUST USE 90° HOSE FITTING 5550345



WHERE USED
XR-12000L

NOTE: UNLESS OTHERWISE SPECIFIED.

1. HOSES AND AIR LINE MUST BE ROUTED BEFORE PACKAGING
2. HOSES AND AIRLINE SHOWN IN REPRESENTATIONAL FORM
3. COIL EXCESS HOSE INSIDE RAMP FOR SHIPMENT
4. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING
5. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5245048

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED BOM REVISIONS	09/28/2018	TS	01009
C	ADDED (1) 5550147, REMOVED 5550091, 5215771, AND 5215772, REPLACED (1) 5215366 WITH 5215823, 5502355 WITH 5502322, UPDATED HOSE ROUTING TO REFLECT SAMPLE, UPDATED BOM REVISIONS	01/15/2019	TM	01045
D	UPDATED BOM REVISIONS	05/30/2019	TM	01088

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601257	XR-12000L LEFT HAND RAMP WELDMENT VER C	1	A
2	5215371	XR-12000 SERIES SLIDING BASE PLATE ASSEMBLY	1	F
3	5600428	XR-12000 SERIES FIXED BASE PLATE WELDMENT	1	D
4	5502026	OFFSET CYLINDER ASSEMBLY Ø5.0 x 17.3 LH	1	C
5	5502322	OFFSET CYLINDER ASSEMBLY Ø4.0 x 17.3	1	L
6	5746164	XR-12000 SERIES FRONT LONG WYE BASE PIN	2	B
7	5540127	R RING Ø2.0" OD TRUARC 5160-200	12	--
8	5746163	XR-12000 SERIES WYE HINGE PIN	4	B
9	5746162	XR-12000 SERIES LONG WYE CYLINDER PIN	2	B
10	5746161	XR-12000 SERIES SHORT WYE CYLINDER PIN	2	D
11	5746146	XR-12000 SERIES RAMP SHORT WYE HINGE PIN	2	B
12	5716025	XR-12000 SERIES RAMP SLIDE BLOCK	4	C
13	5746144	XR-12000 SERIES RAMP SLIDE BLOCK PIN	2	B
14	5215773	XR-12000 SHORT WYE ARM ASSEMBLY FRONT LEFT, 5.0" CYLINDER	1	C
15	5215229	XR-12000 SHORT WYE ARM ASSEMBLY REAR LEFT, 4.0" CYLINDER	1	H
16	5215366	XR-12000 SERIES LONG WYE ARM ASSEMBLY	1	F
17	5215823	XR-12000 LONG WYE ARM ASSEMBLY, 4.0" CYLINDER	1	B
18	5530108	SSS M8 x 1.25 x 12	24	--
19	5550025	FTG GRS M6 x 1.0	4	--
20	5550028	FTG ELB GRS M6 x 1	4	--
21	5550147	FTG NPL -04 JIC x -04 NPT	3	--
22	5570039	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 1448mm SB	1	E
23	5570905	XR-12000 SERIES HOSE ASSEMBLY Ø6.4 x 6045mm SB	1	D
24	5570004	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 6147mm DS	1	C
25	5570205	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 12028mm SB	1	B
26	5550310	FTG TEE -04JIC -04JIC -04JIC	1	--
27	5550489	FTG TEE 1/4-1/4-1/4 TUBE INS	1	--
28	5570795	1/4" POLY-FLO TUBING	7500mm	--
29	5215765	XR-12000 LOCK LATCH ASSEMBLY FRONT, 5.0" CYLINDER	1	D
30	5215766	XR-12000 CYLINDER LOCK ASSEMBLY REAR, 4.0" CYLINDER	1	C
31	5215767	XR-12000 CYLINDER LOCK ASSEMBLY FRONT, 5.0" CYLINDER	1	C
32	5215768	XR-12000 LOCK LATCH ASSEMBLY REAR, 4.0" CYLINDER	1	D

DO NOT SCALE DRAWING

NAME	DATE
DRAWN TS	04/30/2018
CHECKED CA	6/14/2019

DIMENSIONS ARE IN MM



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BP BendPak.

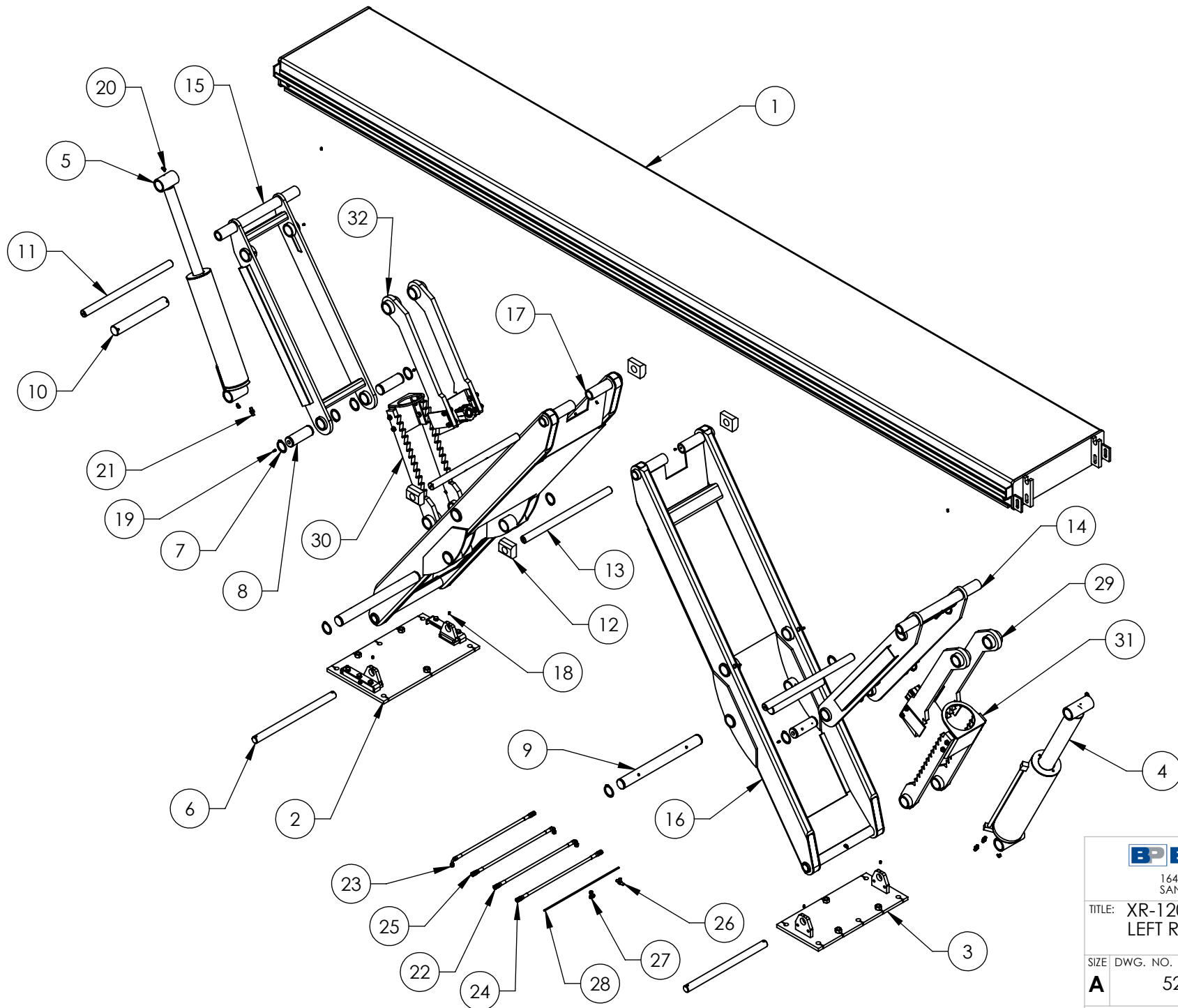
1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000L COMPLETE
LEFT RAMP ASSEMBLY
VER C

SIZE DWG. NO. REV
A 5215779 **D**

SCALE: 1:35

SHEET 1 OF 3



BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000L COMPLETE
LEFT RAMP ASSEMBLY
VER C

SIZE DWG. NO.

A

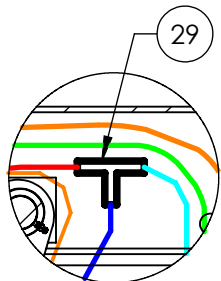
5215779

REV

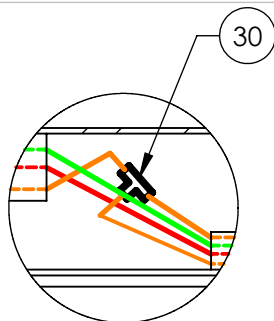
D

SCALE: 1:25

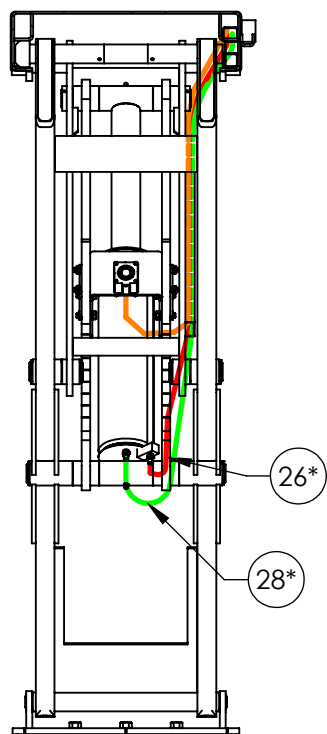
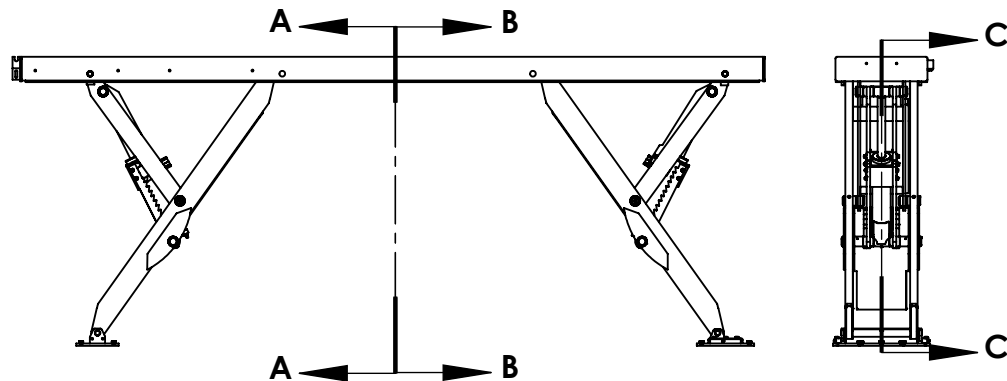
SHEET 2 OF 3



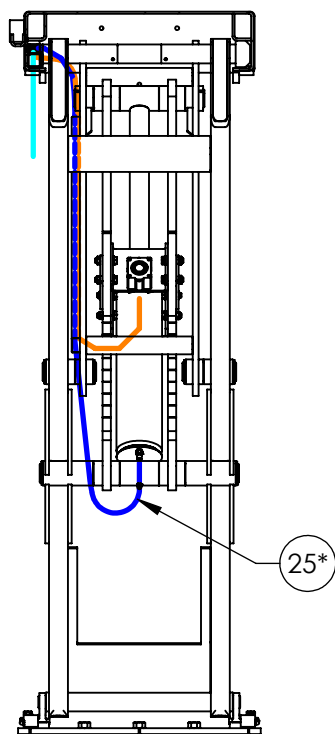
DETAIL D
SCALE 1 : 8



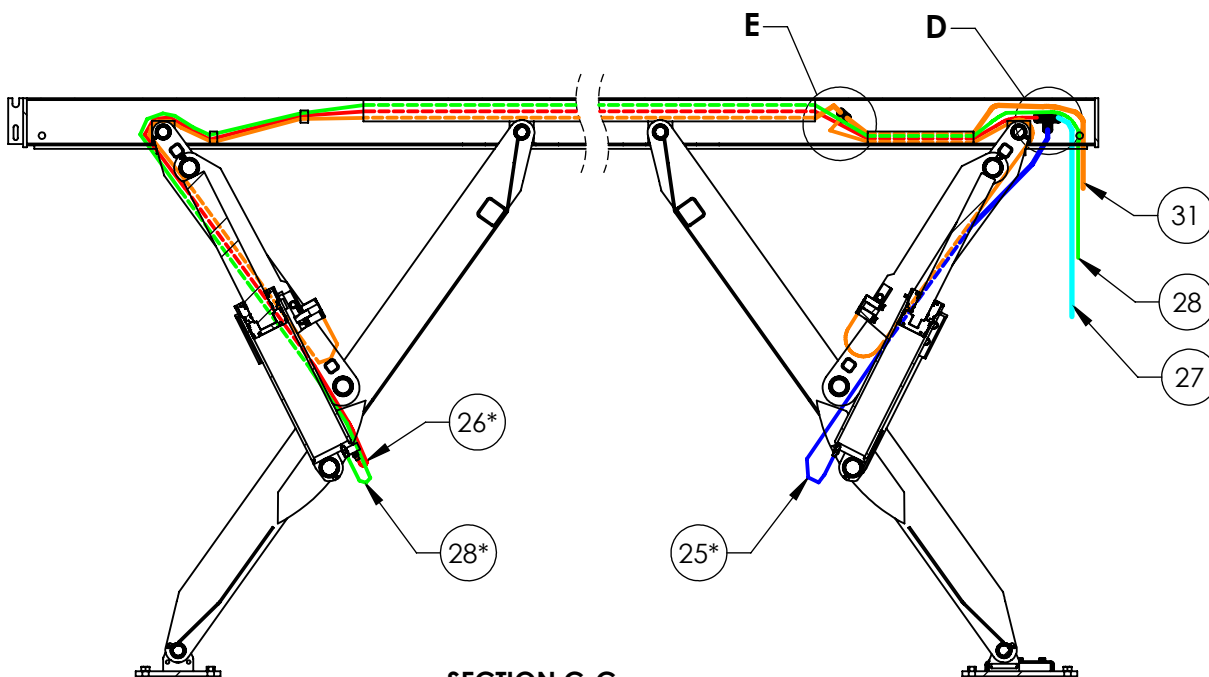
DETAIL E
SCALE 1 : 8



SECTION A-A
SCALE 1 : 20



SECTION B-B
SCALE 1 : 20



SECTION C-C
SCALE 1 : 25

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
25	5570039	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 1448mm SB	1	E
26	5570905	XR-12000 SERIES HOSE ASSEMBLY Ø6.4 x 6045mm SB	1	D
27	5570004	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 6147mm DS	1	C
28	5570205	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 12028mm SB	1	B
29	5550310	FTG TEE -04JIC -04JIC	1	--
30	5550489	FTG TEE 1/4-1/4-1/4 TUBE INS	1	--
31	5570795	1/4" POLY-FLO TUBING	7500mm	--

BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: XR-12000L COMPLETE
LEFT RAMP ASSEMBLY
VER C

SIZE DWG. NO.

A 5215779

REV

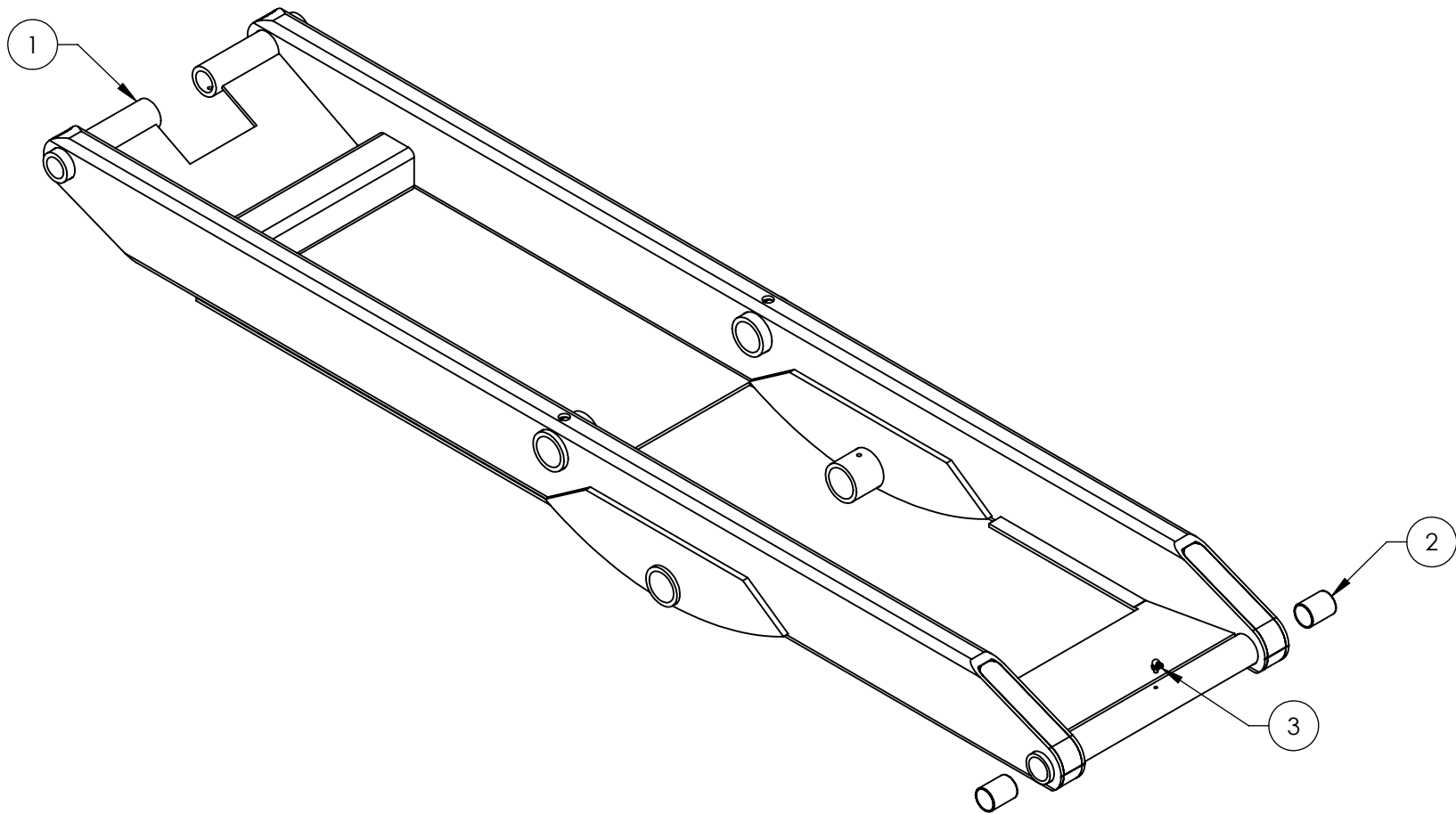
D

SCALE: 1:50

SHEET 3 OF 3

1. *MUST USE 90° HOSE FITTING 5550345

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5215366	02/19/2019	TM	01045
B	UPDATED BOM REVISION	05/28/2019	TM	01088



WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. LIGHT PRESS FIT BUSHINGS
2. ASSEMBLE ITEMS AS SHOWN

NEXT ASSEMBLY
5215776
5215777
5215778
5215779

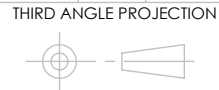
ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5601307	XR-12000 LONG WYE ARM WELDMENT, 4.0" CYLINDER	1	B
2	5565023	BUSHING Ø39 x Ø34 x 50L BR OI	2	--
3	5550028	FTG ELB GRS M6 x 1	1	--

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM



NAME	DATE
DRAWN TM	02/19/2019
CHECKED CA	6/14/2019



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BP BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

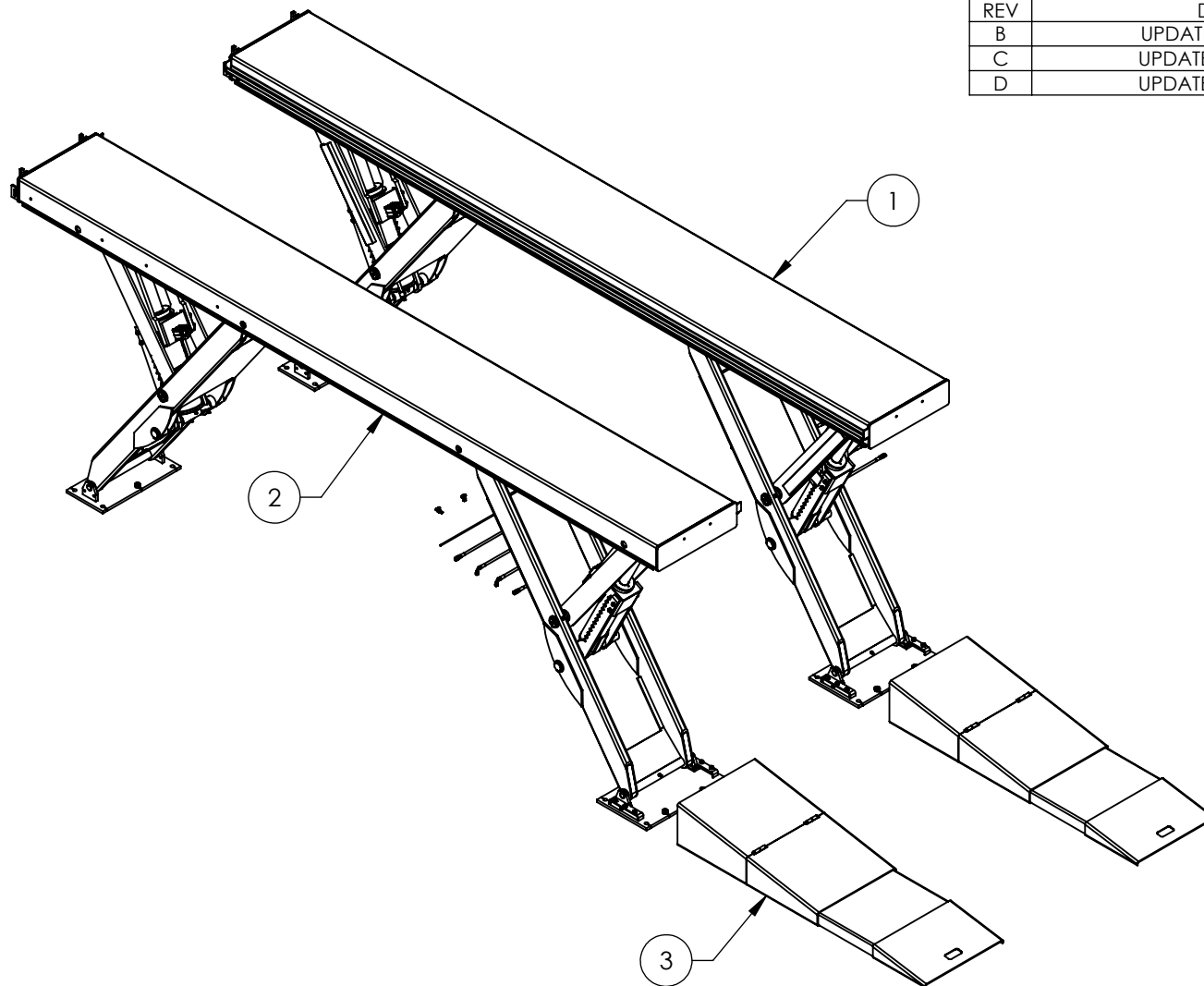
TITLE:
XR-12000 LONG WYE ARM
ASSEMBLY, 4.0" CYLINDER

SIZE	DWG. NO.	REV
A	5215823	B

SCALE: 1:10

SHEET 1 OF 2

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED BOM REVISIONS	09/28/2018	TS	01009
C	UPDATED BOM REVISIONS	01/15/2019	TM	01045
D	UPDATED BOM REVISIONS	05/30/2019	TM	01088



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5215778	XR-12000L COMPLETE RIGHT RAMP ASSEMBLY VER C	1	D
2	5215779	XR-12000L COMPLETE LEFT RAMP ASSEMBLY VER C	1	D
3	5600438	XR-12 SERIES DRIVE UP RAMP WELDMENT	2	A

DO NOT SCALE DRAWING

NAME	DATE
DRAWN TS	04/30/2018
CHECKED CA	6/14/2019

BP BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

DIMENSIONS ARE IN MM

THIRD ANGLE PROJECTION



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TITLE: XR-12000L LIFT
SUPERSTRUCTURE VER C

SIZE DWG. NO. REV
A 5245048 D

SCALE: 1:38

SHEET 1 OF 1

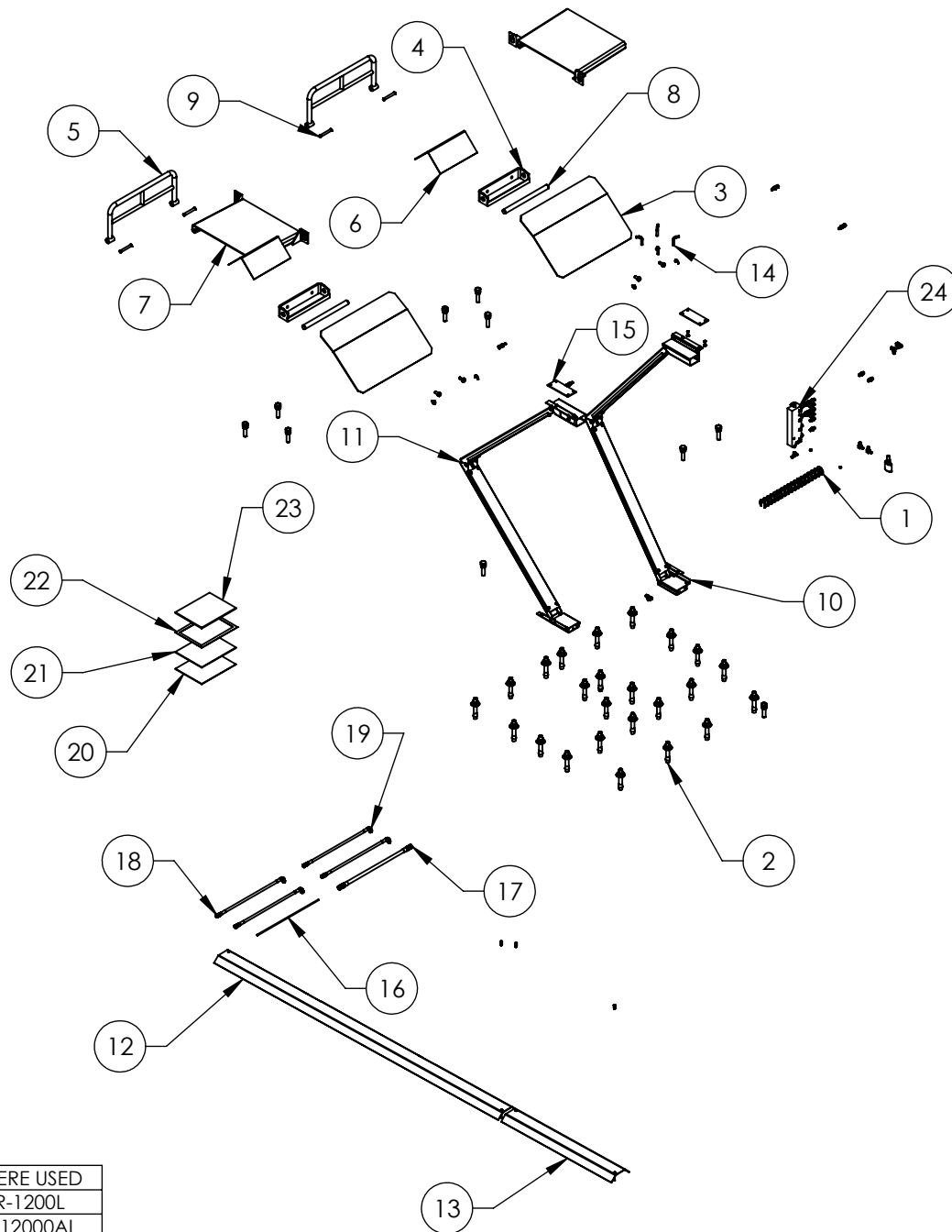
WHERE USED
XR-12000L

NOTE: UNLESS OTHERWISE SPECIFIED.

1. SEE SHIPPING INSTRUCTIONS FOR FINAL PACKAGING

NEXT ASSEMBLY
5260188

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
G	REPLACED 5900050 WITH 5900085	09/11/2018	TM	00996
H	UPDATED BOM REVISION	10/14/2019	CA	01134
J	REMOVED 5530326, UPDATED BOM REVISION	03/19/2020	TM	01152



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5174680	XR-12000 SERIES PARTS BAG	1	D
2	5530456	AB 3/4" x 4 - 3/4"	24	-
3	5600437	XR-12 SERIES FLIP UP RAMP WELDMENT	2	C
4	5600435	XR-12 SERIES FLIP-UP RAMP BRACKET WELDMENT	2	A
5	5600436	XR-12 SERIES TIRE STOP WELDMENT	2	B
6	5700072	WHEEL CHOCK	2	B
7	5215179	WORK STEP	2	B
8	5746114	XR-12 SERIES FLIP UP RAMP PIN	2	A
9	5746115	XR-12 SERIES TIRE STOP HINGE PIN	4	A
10	5215364	XR-12000 SERIES RIGHT SIDE HOSE TROUGH ASSEMBLY	1	E
11	5215365	XR-12000 SERIES LEFT SIDE HOSE TROUGH ASSEMBLY	1	E
12	5701290	XR-12000 SERIES UNDER RAMP FLOOR TROUGH	1	D
13	5701293	XR-12000 SERIES FLOOR TROUGH	1	D
14	5745050	SLIP PLATE LOCK PIN	4	A
15	5736461	XR-12000 SERIES HOSE TROUGH RAMP CONNECTOR PLATE	2	A
16	5570795	1/4" POLY-FLO TUBING	4500mm	-
17	5570206	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø10 x 400mm DS	1	C
18	5570211	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 500mm SB	2	A
19	5570212	XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 760mm SB	2	A
20	5900152	ALIGN OIM OPERATION INSPECTION & MAINTENANCE	1	-
21	5900147	SAFETY MANUAL ALI / SM 93-1	1	-
22	5905151	SAFETY TIPS CARD ALI-ST 90	1	-
23	5900085	XR-12000L/12000AL INSTALLATION MANUAL	1	-
24	5215628	XR-12000 VALVE BLOCK ASSEMBLY	1	C

WHERE USED
XR-1200L
XR-12000AL

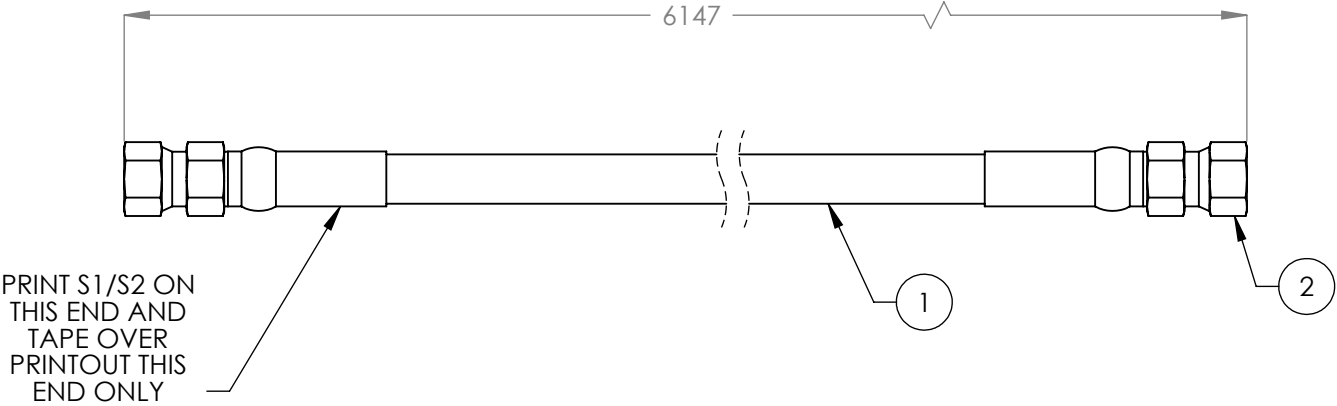
NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5260189
5260188

DO NOT SCALE DRAWING		NAME	DATE	1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DRAWN		TM	01/21/2013	
CHECKED		OR	4/14/2020	
DIMENSIONS ARE IN MM		THIRD ANGLE PROJECTION		TITLE:
				XR-12000 SERIES PARTS BOX
				SIZE DWG. NO.
				REV
				SCALE: 1:35 SHEET 1 OF 1

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO #
A	PRODUCTION RELEASE	04/02/2010	AC	00339
B	UPDATED TITLE TO REFLECT WHERE USED	10/28/2010	AC	00399
B-001	UPDATED NEXT ASSEMBLIES	01/23/2013	TM	00570
C	REPLACED 5570110 WITH 5570129	04/16/2015	TM	00701
C-001	UPDATED NEXT ASSEMBLIES	07/19/2018	CA	00919



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	6081mm*	--
2	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	2	--

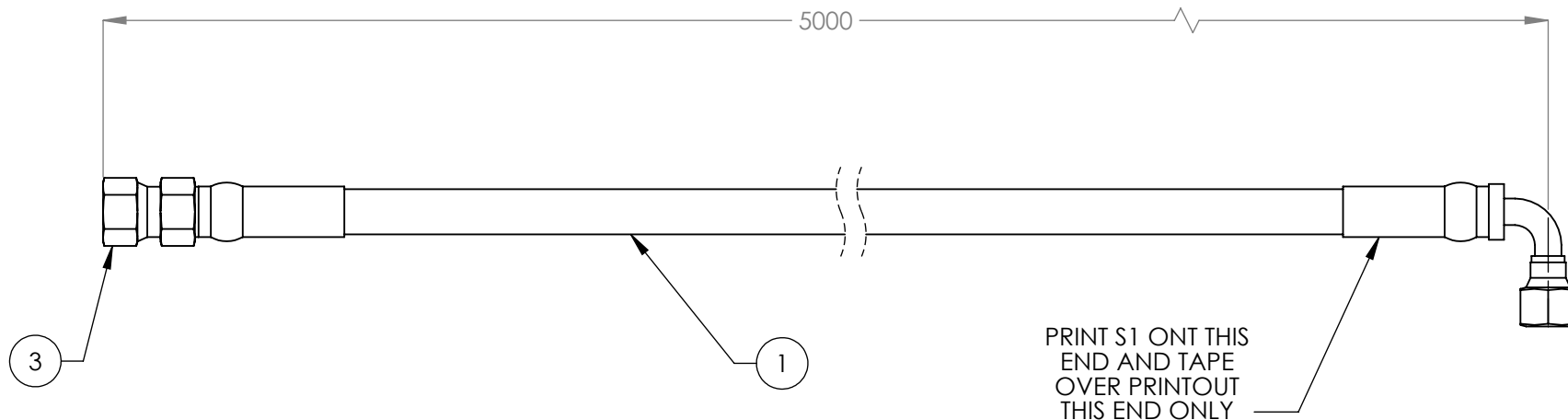
DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 ANGULAR: MACH±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	AC	04/01/2010	
		CHECKED	CA	7/19/2018	
		THIRD ANGLE PROJECTION			
		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.		TITLE: XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 6147mm DS	
		SIZE DWG. NO.		REV	
		A 5570004		C	
		SCALE: 1:2		SHEET 1 OF 1	

NEXT ASSEMBLY
5215776
5215777
5215778
5215779

NOTE: UNLESS OTHERWISE SPECIFIED.

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

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
OBSO	REPLACED BY 5570906	10/05/2009	AC	00300
C	UNOBSOLETE FOR USE IN XR-12000 SERIES	02/18/2013	TM	00570
D	REPLACED 5550325 WITH 5550345	07/12/2013	TM	00608
E	REPLACED 5570110 WITH 5570129, REPLACED (1) 5550345 WITH 5550325, UPDATED TITLE TO REFLECT WHERE USED	07/24/2015	TM	00701
E-001	UPDATED NEXT ASSEMBLIES	07/19/2018	CA	00919



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	4946mm*	--
2	5550345	FTG ELB Ø1/4 CRIMP x -04 JIC	1	--
3	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	1	A

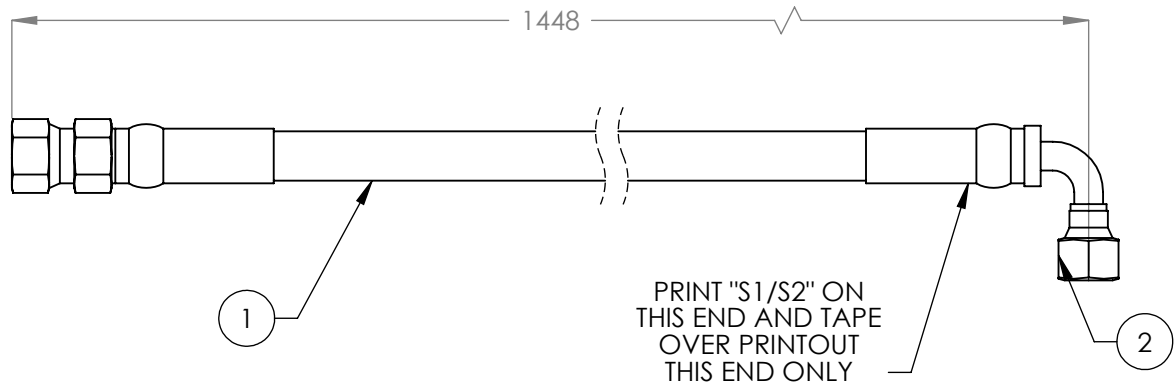
DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 ANGULAR: MACH±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	AC			01/11/2008
		CHECKED	CA			7/19/2018
		THIRD ANGLE PROJECTION		TITLE: HOSE ASSEMBLY Ø6.4 x 5000mm, SB		
						
		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.		SIZE	DWG. NO.	REV
		A	5570032	E		
SCALE: 1:2				SHEET 1 OF 1		

NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5215776
5215778

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	LENGTH WAS 1829 NOW 1956	12/08/2010	TM	00430
C-001	UPDATED NEXT ASSEMBLIES	01/23/2013	TM	00570
D	REPLACED 5570110 WITH 5570129, REPLACED (1) 5550325 WITH 5550345	04/16/2015	TM	00701
E	WAS 1956 NOW 1448	10/03/2016	TM	00783
E-001	UPDATED NEXT ASSEMBLIES	07/19/2018	CA	00919



ITEM NO	PART NUMBER	DESCRIPTION	QTY.	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	1395mm*	--
2	5550345	FTG ELB Ø1/4 CRIMP x -04 JIC	1	A
3	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	1	--

DO NOT SCALE DRAWING		NAME	DATE		
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 ANGULAR: MACH±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	AC	04/01/2010	1645 LEMONWOOD DR. SANTA PAULA, CA 93060
		CHECKED	CA	7/19/2018	
		THIRD ANGLE PROJECTION			
		TITLE: XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 1448mm SB			
		SIZE	DWG. NO.	REV	
		A	5570039	E	
		SCALE: 1:2			SHEET 1 OF 1

NOTE: UNLESS OTHERWISE SPECIFIED.

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

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:

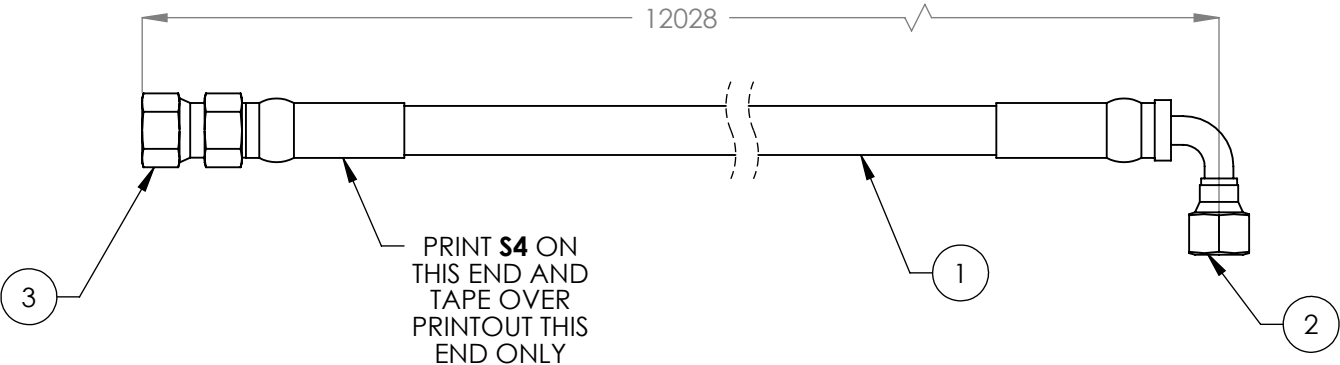
Xin Yurong
Shandong Ningjin High Energy Hose Co., Ltd.
Tel: +86 534-5421821
No. 7, Taishan Rd., Industrial Park, Ningjin County, Shandong, China



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 5570166	01/17/2013	TM	00570
B	REPLACED 5570110 WITH 5570129, REPLACED (1) 5550325 WITH 5550345	04/16/2015	TM	00701
B-001	UPDATED NEXT ASSEMBLIES	07/19/2018	CA	00919



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

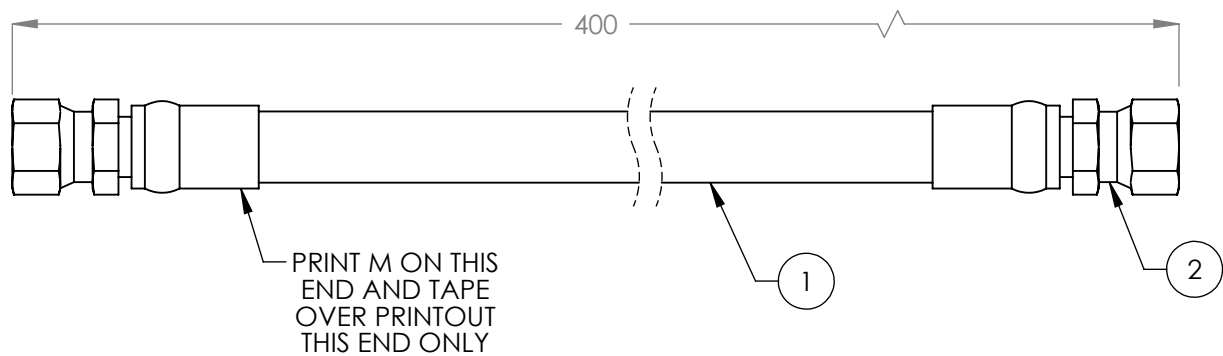
DO NOT SCALE DRAWING		NAME	DATE			
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 ANGULAR: MACH±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	TM	01/17/2013	1645 LEMONWOOD DR.	
		CHECKED	CA	7/19/2018	SANTA PAULA, CA 93060	
		THIRD ANGLE PROJECTION			TITLE:	
					XR-12000 SERIES	
					HYDRAULIC HOSE ASSY	
					Ø6.4 x 12028mm SB	
		SIZE	DWG. NO.		REV	
		A	5570205		B	
		SCALE: 1:2		SHEET 1 OF 1		

NOTE: UNLESS OTHERWISE SPECIFIED.

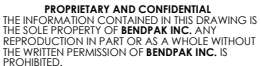
- FOR ITEM 1 SPECIFICATIONS REFER TO PART SPECIFICATION FORM
- (*)ITEM 1 QTY FOR REFERENCE ONLY

NEXT ASSEMBLY
5215777
5215779
5250098

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO #
A	PRODUCTION RELEASE, DERIVED FROM 5570177	01/17/2013	TM	00570
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	03/17/2017	TM	00815
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	07/19/2018	CA	00919



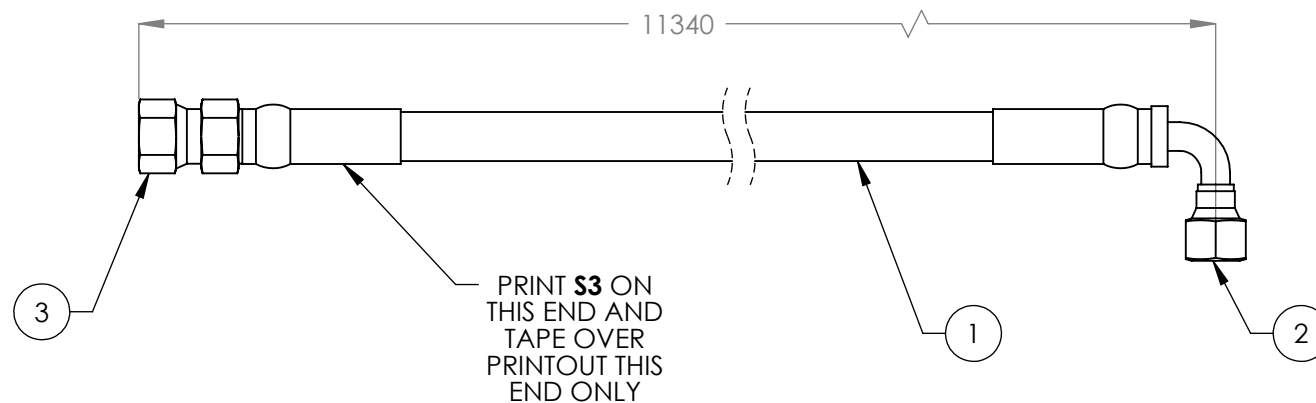
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5570116	Ø10 ID HYDRAULIC HOSE	308mm*	-
2	5550336	FTG NPL -06 CRIMP x -06 JIC	2	-

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DRAWN		TM	01/17/2013		
CHECKED		CA	7/19/2018		
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 ANGULAR: MACH±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION		TITLE: XR-12000 SERIES HYDRAULIC HOSE ASSY Ø10 x 400mm DS	
				SIZE DWG. NO.	
				REV	
NEXT ASSEMBLY		5250098		SCALE: 1:2	
				SHEET 1 OF 1	

NOTE: UNLESS OTHERWISE SPECIFIED.

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

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5570003	01/17/2013	TM	00570
B	REPLACED 5570110 WITH 5570129, REPLACED (1) 5550325 WITH 5550345	04/16/2015	TM	00701
B-001	UPDATED NEXT ASSEMBLIES	07/19/2018	CA	00919



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	11290mm*	A
2	5550345	FTG ELB Ø1/4 CRIMP x -04 JIC	1	A
3	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	1	--

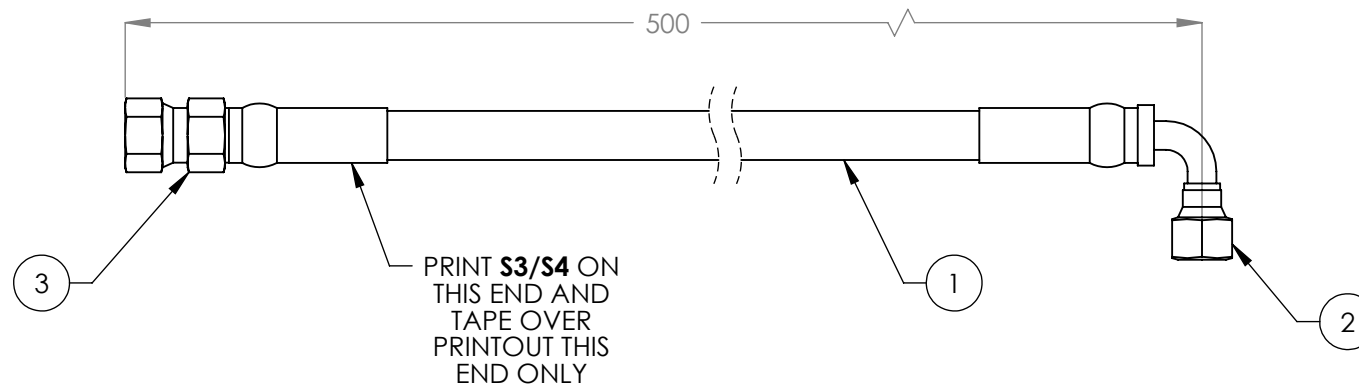
DO NOT SCALE DRAWING		NAME		DATE		 1645 LEMONWOOD DR. SANTA PAULA, CA 93060							
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 ANGULAR: MACH±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		TM		01/17/2013							
		CHECKED		CA		7/19/2018							
		THIRD ANGLE PROJECTION											
Y				TITLE: XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 11340mm SB									
								SIZE		DWG. NO.		REV	
								A		5570208		B	
		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.						SCALE: 1:2					
								SHEET 1 OF 1					

NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5215776
5215778
5250098

REVISION		DATE	EDITED BY	ECO #
REV	DESCRIPTION			
A	PRODUCTION RELEASE, DERIVED FROM 5570852	04/16/2015	TM	00701



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	450mm*	--
2	5550345	FTG ELB Ø1/4 CRIMP x -04 JIC	1	--
3	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	1	--

DO NOT SCALE DRAWING		NAME	DATE	 BendPak. POWERING AUTOMOTIVE SERVICE EQUIPMENT 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
		DRAWN	TM			04/16/2015
		CHECKED	CA			07/31/2015
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 ANGULAR: MACH ±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION		TITLE: XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 500mm SB		
		 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.		SIZE	DWG. NO.	REV
				A	5570211	A
		SCALE: 1:2			SHEET 1 OF 1	

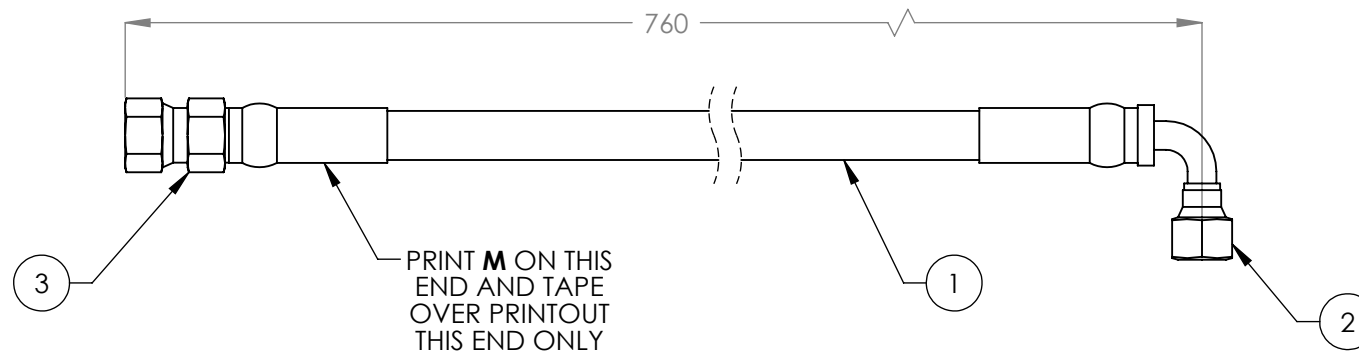
NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5250098

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REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO #
A	PRODUCTION RELEASE, DERIVED FROM 5570832	04/16/2015	TM	00701



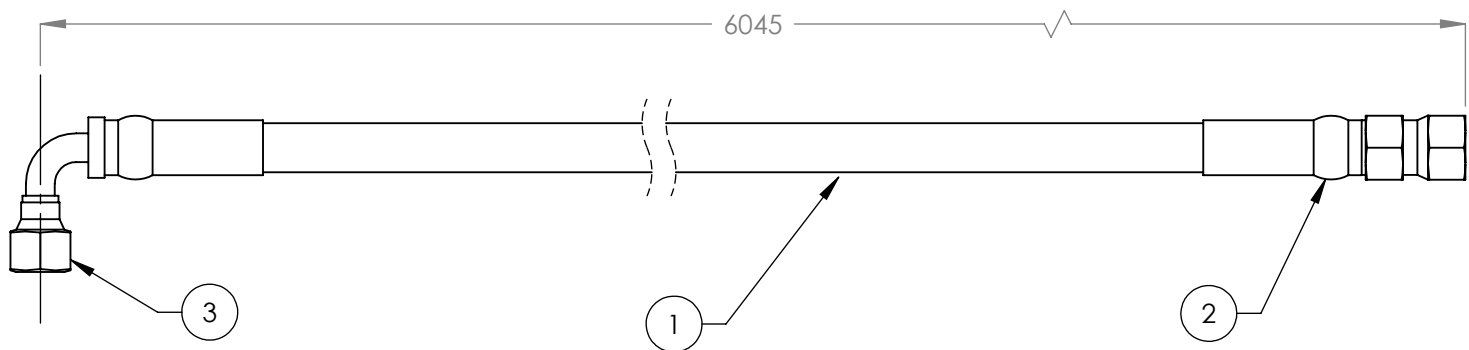
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	710mm*	--
2	5550345	FTG ELB Ø1/4 CRIMP x -04 JIC	1	--
3	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	1	--

DO NOT SCALE DRAWING		NAME	DATE	 BendPak. HYDRAULIC AUTOMATIC SERVICE EQUIPMENT 1645 LEMONWOOD DR. SANTA PAULA, CA 93060				
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 ANGULAR: MACH ±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	TM			04/16/2015		
		CHECKED	CA	07/31/2015				
		THIRD ANGLE PROJECTION			TITLE: XR-12000 SERIES HYDRAULIC HOSE ASSY Ø6.4 x 760mm SB			
								
		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.			SIZE DWG. NO.		REV	
					A 5570212		A	
					SCALE: 1:2		SHEET 1 OF 1	

NOTE: UNLESS OTHERWISE SPECIFIED.

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

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B B-001	WAS 4750 NOW 6045 UPDATED NEXT ASSEMBLY	08/03/2009 03/10/2011	AC TM	00289 00441
OBSO	NO LONGER NEEDED	06/01/2011	TM	00448
C	UNOBSOLETE FOR USE IN XR-12000 SERIES	01/24/2013	TM	00570
D D-001	REPLACED 5570110 WITH 5570129 UPDATED NEXT ASSEMBLIES	04/16/2015 07/19/2018	TM CA	00701 00919



ITEM NO	PART NUMBER	DESCRIPTION	QTY.	REV
1	5570129	Ø6.4 ID HYDRAULIC HOSE	5995mm*	-
2	5550325	FTG NPL Ø1/4 CRIMP x -04 JIC	1	-
3	5550345	FTG ELB Ø1/4 CRIMP x -04 JIC	1	-

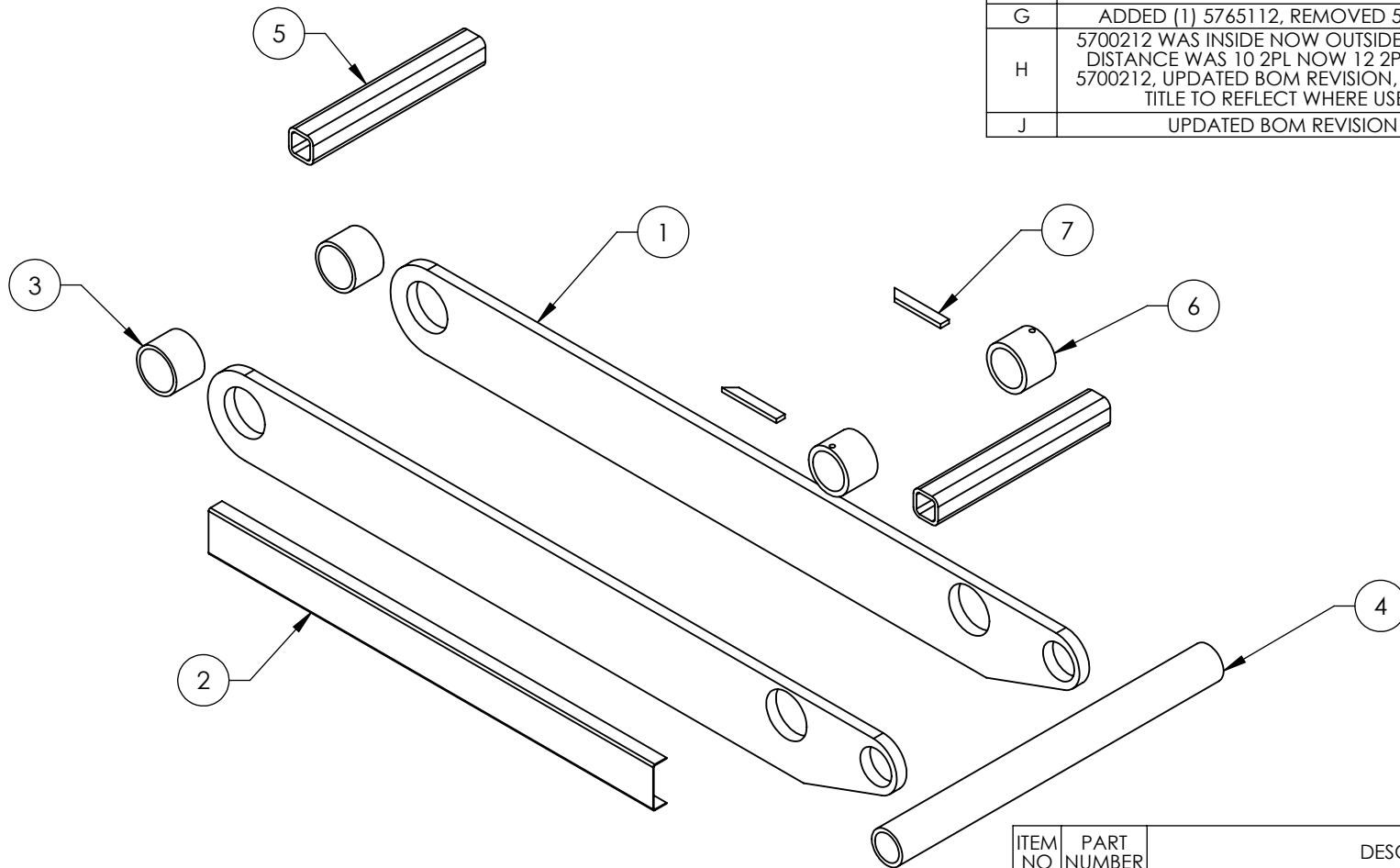
DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±1.0 0.00 = ±0.25 0.000 = ±0.13 ANGULAR: MACH±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	AC			04/01/2009
		CHECKED	CA			7/19/2018
		THIRD ANGLE PROJECTION			TITLE: XR-12000 SERIES HOSE ASSEMBLY Ø6.4 x 6045mm SB	
						
		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.			SIZE	DWG. NO.
			A	5570905	D	
			SCALE: 1:2		SHEET 1 OF 1	

NOTE: UNLESS OTHERWISE SPECIFIED.

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

NEXT ASSEMBLY
5215777
5215779
5250098

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
G	ADDED (1) 5765112, REMOVED 5730054	04/16/2018	TS	00919
H	5700212 WAS INSIDE NOW OUTSIDE, 5755227 DISTANCE WAS 10 2PL NOW 12 2PL (pg 2), 5700212, UPDATED BOM REVISION, UPDATED TITLE TO REFLECT WHERE USED	02/21/2019	TM	01045
J	UPDATED BOM REVISION	05/28/2019	TM	01088



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5731129	XR-12000 SERIES SHORT WYE ARM BAR	2	C
2	5700212	XR-12000 SERIES SHORT WYE ARM HOSE RETAINER	1	B
3	5755093	XR-12000 SERIES SHORT WYE LONG WYE PIN BEARING HOUSING	2	C
4	5756017	XR-12000 SERIES SHORT WYE ARM RAMP PIVOT PIN BEARING HOUSING	1	B
5	5765112	XR-12000 SERIES SHORT WYE ARM CROSS SUPPORT TUBE	2	C
6	5755227	XR-12000 SERIES SHORT REAR WYE LONG BEARING HOUSING	2	E
7	5737068	XR-12000 SHORT WYE LONG PIN HOUSING GUSSET	2	B

WHERE USED
XR-12000 SERIES

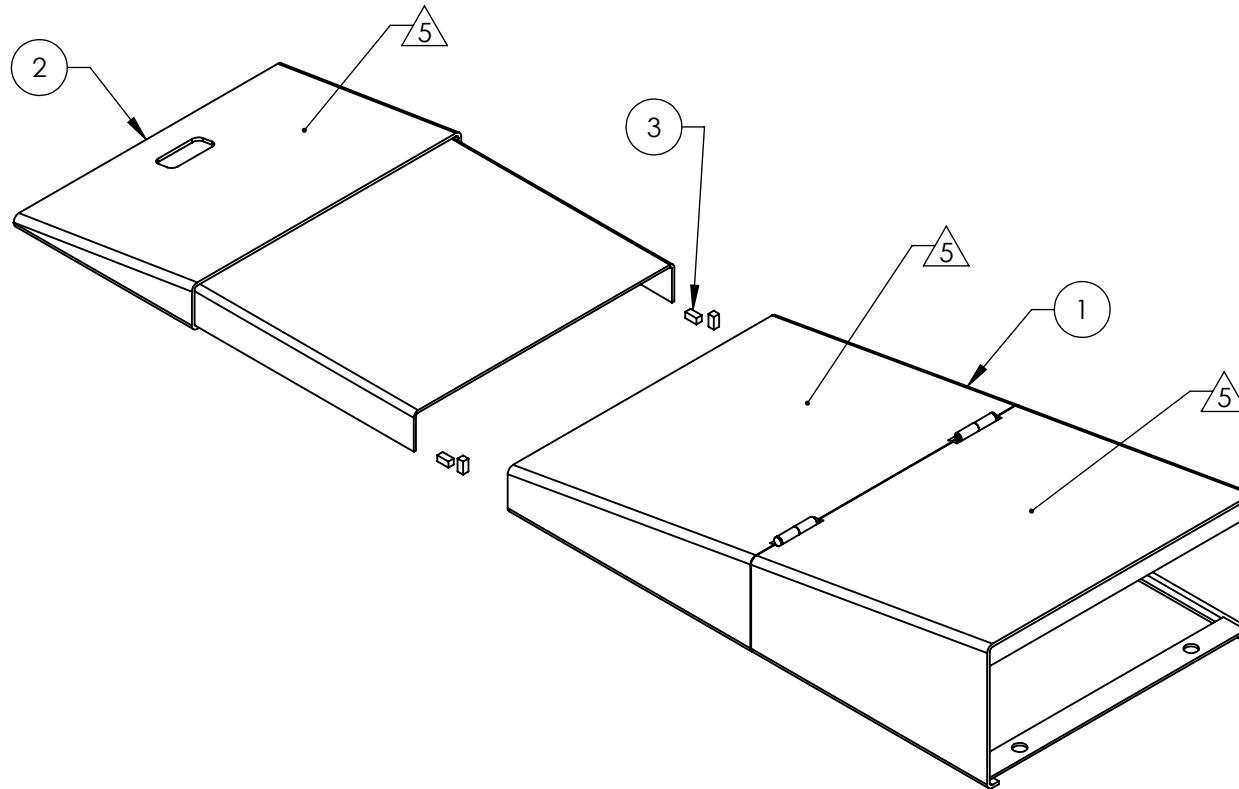
NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- REMOVE ALL WELD SPLATTER
- DIMENSIONS SHOWN ARE AFTER PAINTING
- PAINT BENDPAK GREY (RAL-7024)

NEXT ASSEMBLY
5215359

DO NOT SCALE DRAWING		NAME		DATE					
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	AC	03/29/2018		1645 LEMONWOOD DR. SANTA PAULA, CA 93060			
		CHECKED	CA	6/14/2019		TITLE: XR-12000 SHORT WYE ARM WELDMENT REAR RIGHT, 4.0" CYLINDER			
ANGULAR: 0. = ±2°		THIRD ANGLE PROJECTION				SIZE DWG. NO.		REV	
SURFACE FINISH 1.6 ISO Ra μm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED						A		5600430	J
		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.				SCALE: 1:8		SHEET 1 OF 2	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE DERIVED FROM X-203	03/29/2010	AC	00339
A-001	UPDATED NEXT ASSEMBLY	10/28/2010	AC	00399
A-002	UPDATED NEXT ASSEMBLY	02/29/2012	TM	00502
A-003	UPDATED NEXT ASSEMBLIES	01/22/2013	TM	00570
A-004	ADDED RAL PAINT NUMBER	10/18/2017	TM	00888
A-005	UPDATED NEXT ASSEMBLIES	07/19/2018	CA	00919



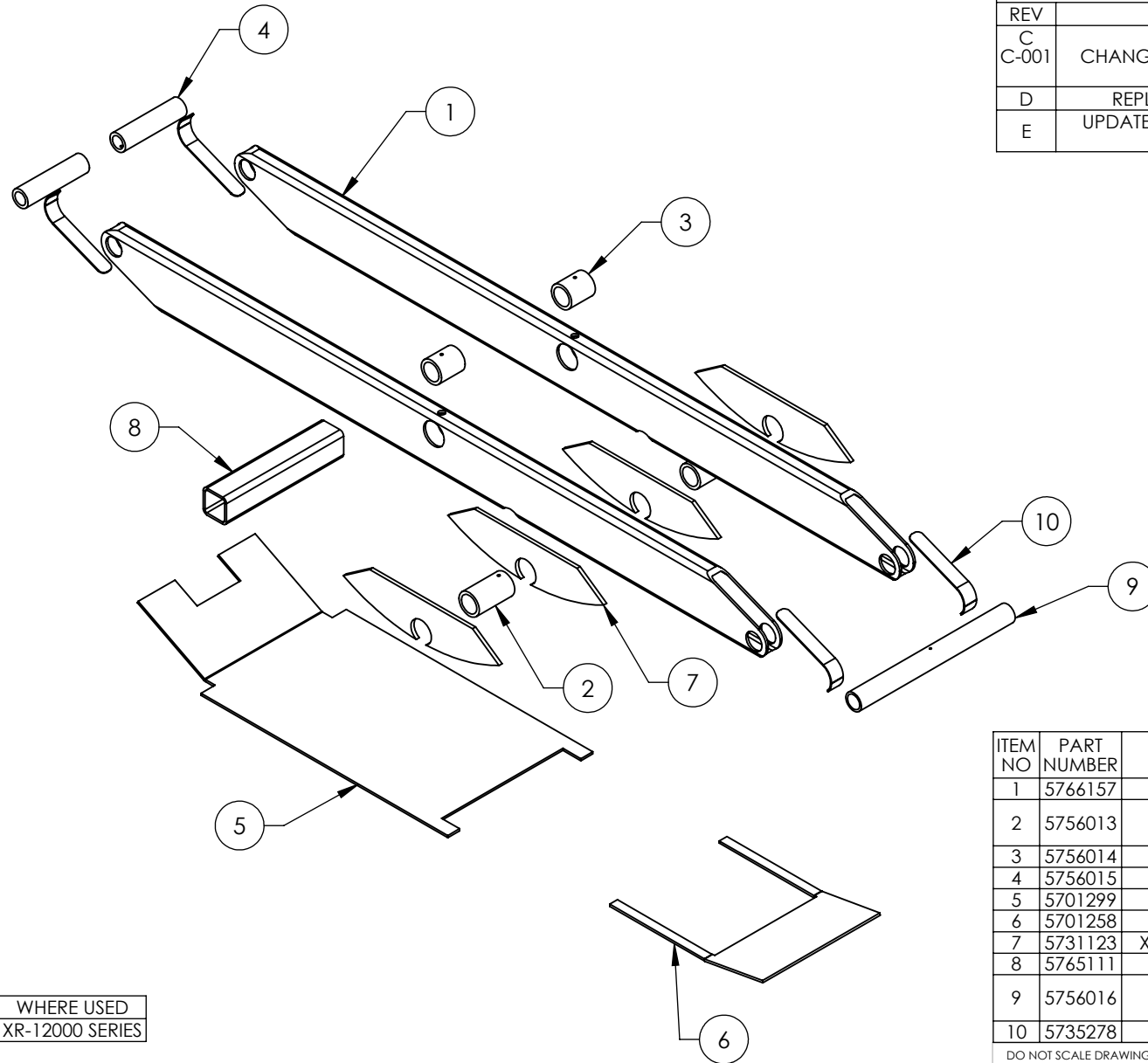
NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. DIMENSIONS SHOWN ARE AFTER PAINTING
4. PAINT BENDPAK YELLOW (RAL-1018)
5. APPLY #30 GRIT ALUMINUM OXIDE WHEN PAINTING TO TOP ONLY AFTER WELDING
6. BOTTOM DRIVE UP RAMP MUST SLIDE FREELY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5620408	XR-12 SERIES DRIVE UP RAMP SUBWELDMENT	1	A
2	5600480	XR-12 SERIES BOTTOM DRIVE UP RAMP WELDMENT	1	A
3	5760172	XR-12 SERIES DRIVE UP RAMP PULL OUT STOP	4	A

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	AC		03/29/2010		
		CHECKED	CA		7/19/2018		
ANGULAR: 0. = ±2°		THIRD ANGLE PROJECTION		TITLE: XR-12 SERIES DRIVE UP RAMP WELDMENT			
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED							
Y		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.			SIZE	DWG. NO.	REV
					A	5600438	A
					SCALE: 1:12		SHEET 1 OF 2

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WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. MASK ALL BEARING HOUSING BORES BEFORE PAINTING
4. DIMENSIONS SHOWN ARE AFTER PAINTING
5. PAINT BENDPAK GRAY (RAL-7024)

NEXT ASSEMBLY
5215366

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	UPDATED BOM REVISION	07/30/2015	TM	00701
C-001	CHANGED PAINT WAS BLUE NOW GRAY, ADDED RAL NUMBER	10/19/2017	TM	00888
D	REPLACED 5701324 WITH 5701258	04/11/2018	TS	00919
E	UPDATED TITLE TO REFLECT WHERE USED, UPDATED BOM REVISION	02/19/2019	TM	01045

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5766157	XR-12000 SERIES LONG WYE ARM TUBE	2	B
2	5756013	XR-12000 LONG WYE ARM CYLINDER PIN LOCK, 5.0" CYLINDER	2	C
3	5756014	XR-12000 LONG WYE ARM SHORT ARM PIN LOCK	2	B
4	5756015	XR-12000 LONG WYE ARM SAFETY SLIDE PIN LOCK	2	B
5	5701299	XR-12000 LONG WYE ARM SAFETY SIDE GUSSET	1	C
6	5701258	XR-12000 LONG WYE ARM BASE SIDE GUSSET	1	A
7	5731123	XR-12000 LONG WYE ARM CYLINDER PIN LOCK GUSSET	4	B
8	5765111	XR-12000 LONG WYE ARM CROSS SUPPORT TUBE	1	B
9	5756016	XR-12000 LONG WYE ARM BASE PIVOT PIN BEARING HOUSING	1	B
10	5735278	XR-12000 LONG WYE ARM CLOSEOUT	4	B

DO NOT SCALE DRAWING

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

ANGULAR: 0. = ±2°

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

NAME	DATE
DRAWN AC	03/29/2010
CHECKED CA	3/14/2019
THIRD ANGLE PROJECTION	

PROPRIETARY AND CONFIDENTIAL
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PROHIBITED.

BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

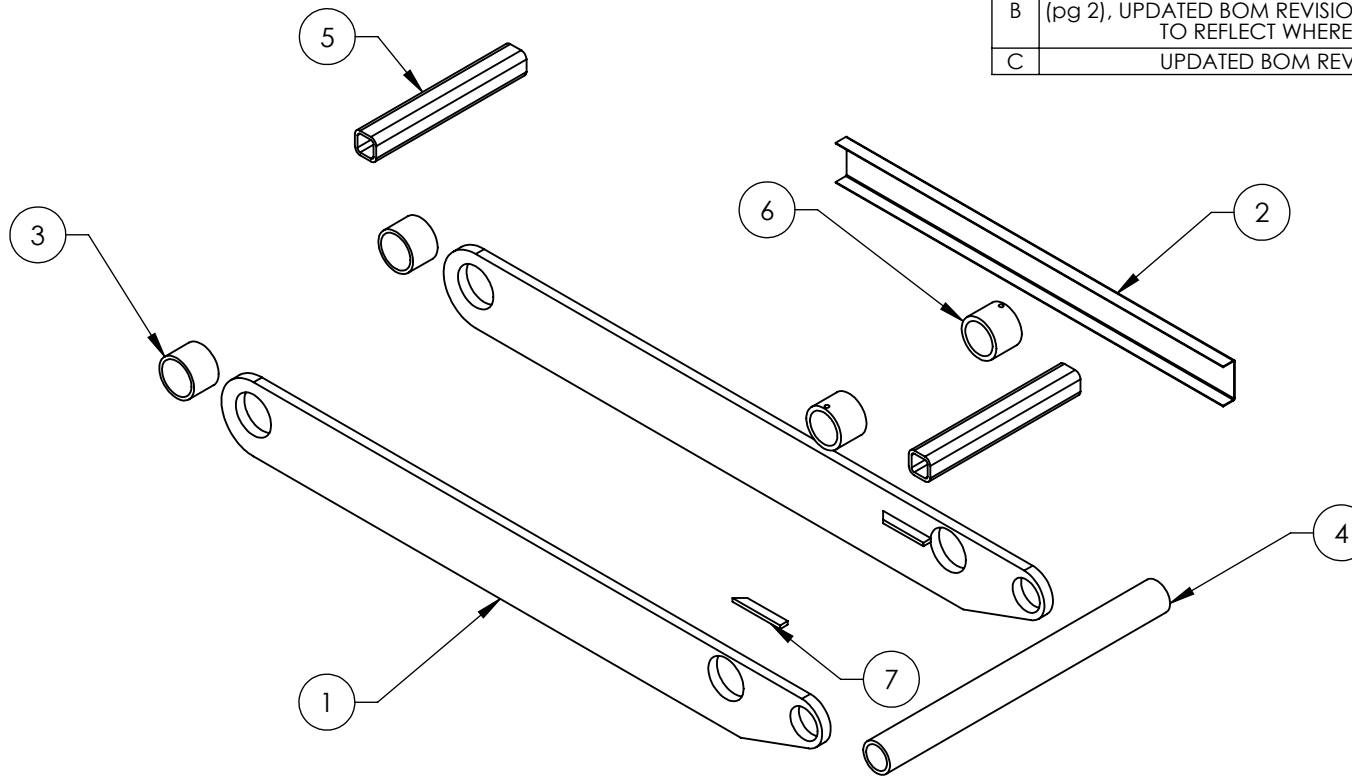
TITLE:
XR-12000 LONG WYE ARM
WELDMENT, 5.0" CYLINDER

SIZE DWG. NO. REV
A 5600439 E

SCALE: 1:15

SHEET 1 OF 2

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5600429	02/08/2018	TS	00919
B	5755227 DISTANCE WAS 10 2PL NOW 12 2PL (pg 2), UPDATED BOM REVISION, UPDATED TITLE TO REFLECT WHERE USED	02/18/2019	TM	01045
C	UPDATED BOM REVISION	06/03/2019	CA	01088



WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

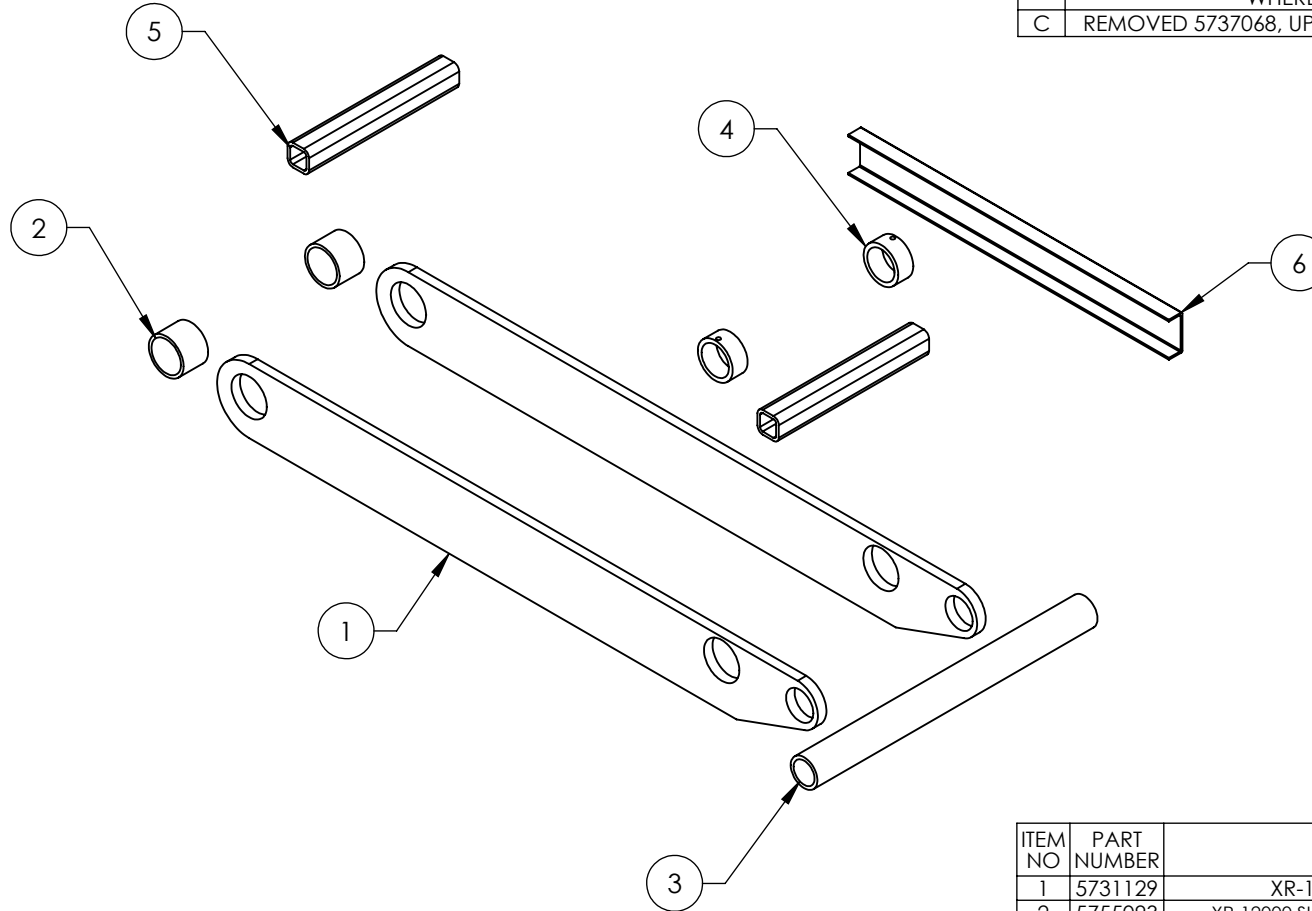
1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. REMOVE ALL WELD SPLATTER
3. DIMENSIONS SHOWN ARE AFTER PAINTING
4. PAINT BENDPAK GREY (RAL-7024)

NEXT ASSEMBLY
5215229

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5731129	XR-12000 SERIES SHORT WYE ARM BAR	2	C
2	5700212	XR-12000 SERIES SHORT WYE ARM HOSE RETAINER	1	B
3	5755093	XR-12000 SERIES SHORT WYE LONG WYE PIN BEARING HOUSING	2	C
4	5756017	XR-12000 SERIES SHORT WYE ARM RAMP PIVOT PIN BEARING HOUSING	1	B
5	5765112	XR-12000 SERIES SHORT WYE ARM CROSS SUPPORT TUBE	2	C
6	5755227	XR-12000 SERIES SHORT REAR WYE LONG BEARING HOUSING	2	E
7	5737068	XR-12000 SHORT WYE LONG PIN HOUSING GUSSET	2	B

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 ANGULAR: 0. = ±2° SURFACE FINISH 1.6 ISO Ra μm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	TS			02/08/2018
		CHECKED	CA			6/14/2019
		THIRD ANGLE PROJECTION			TITLE: XR-12000 SHORT WYE ARM WELDMENT REAR LEFT, 4.0" CYLINDER	
						
		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.				
Y				SIZE	DWG. NO.	REV
				A	5601245	C
SCALE: 1:10					SHEET 1 OF 2	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5600731	02/12/2018	TS	00919
B	REPLACED 5755227 WITH 5755070, UPDATED BOM REVISIONS, UPDATED TITLE TO REFLECT WHERE USED	02/15/2019	TM	01045
C	REMOVED 5737068, UPDATED BOM REVISION	05/24/2019	TM	01088



WHERE USED
XR-12000 SERIES

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 GRAY (RAL-7024)
5. MASK ALL BEARING HOUSING BORES AND THREADS BEFORE PAINTING

NEXT ASSEMBLY
5215584

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5731129	XR-12000 SERIES SHORT WYE ARM BAR	2	C
2	5755093	XR-12000 SHORT WYE LONG WYE PIN BEARING HOUSING	2	C
3	5756017	XR-12000 SERIES SHORT WYE ARM RAMP PIVOT PIN BEARING HOUSING	1	B
4	5755070	XR-12000 SHORT WYE UPPER CYLINDER PIN BEARING HOUSING	2	B
5	5765112	XR-12000 SERIES SHORT WYE ARM CROSS SUPPORT TUBE	2	C
6	5700247	XR-12000 SERIES HOSE RETAINER	1	A

DO NOT SCALE DRAWING

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

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

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

NAME	DATE
DRAWN TS	02/12/2018
CHECKED CA	6/14/2019
THIRD ANGLE PROJECTION	



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PROHIBITED.

BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

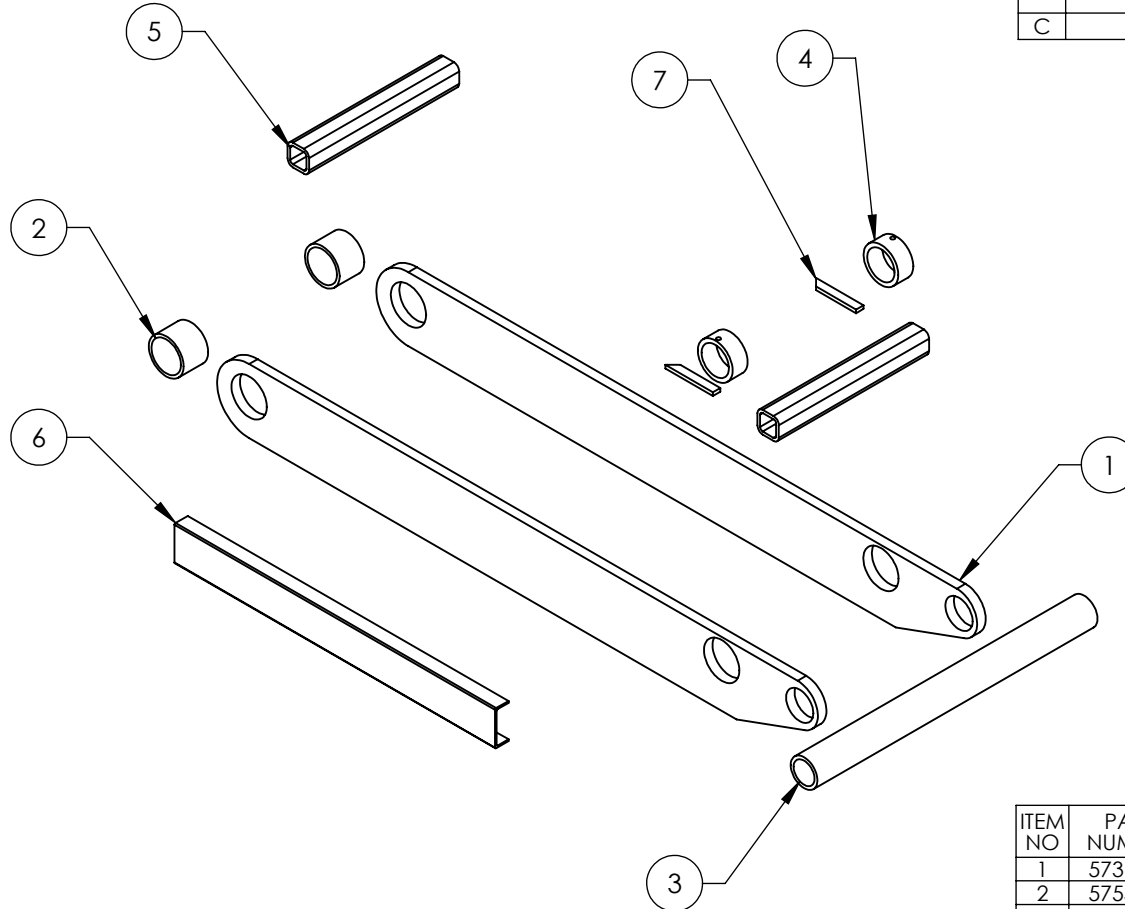
TITLE: XR-12000 SHORT WYE
ARM WELDMENT FRONT
RIGHT, 5.0" CYLINDER

SIZE DWG. NO. REV
A 5601247 C

SCALE: 1:10

SHEET 1 OF 2

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5600731	02/12/2018	TS	00919
B	REPLACED 5755227 WITH 5755070, UPDATED BOM REVISIONS, UPDATED TITLE TO REFLECT WHERE USED	02/15/2019	TM	01045
C	UPDATED BOM REVISION	06/03/2019	CA	01088



WHERE USED
XR-12000 SERIES

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 GRAY (RAL-7024)
5. MASK ALL BEARING HOUSING BORES AND THREADS BEFORE PAINTING

NEXT ASSEMBLY
5215773

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5731129	XR-12000 SERIES SHORT WYE ARM BAR	2	C
2	5755093	XR-12000 SHORT WYE LONG WYE PIN BEARING HOUSING	2	C
3	5756017	XR-12000 SERIES SHORT WYE ARM RAMP PIVOT PIN BEARING HOUSING	1	B
4	5755070	XR-12000 SHORT WYE UPPER CYLINDER PIN BEARING HOUSING	2	B
5	5765112	XR-12000 SERIES SHORT WYE ARM CROSS SUPPORT TUBE	2	C
6	5700247	XR-12000 SERIES HOSE RETAINER	1	A
7	5737068	XR-12000 SHORT WYE LONG PIN HOUSING GUSSET	2	B

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM
TOLERANCES:

0. = ± 1.5
0.0 = ± 0.5

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

SURFACE FINISH 1.6 ISO Ra μ m
FOR MACHINED SURFACES
UNLESS OTHERWISE SPECIFIED

NAME	DATE
DRAWN TS	04/25/2018
CHECKED CA	6/14/2019

THIRD ANGLE PROJECTION



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.



1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

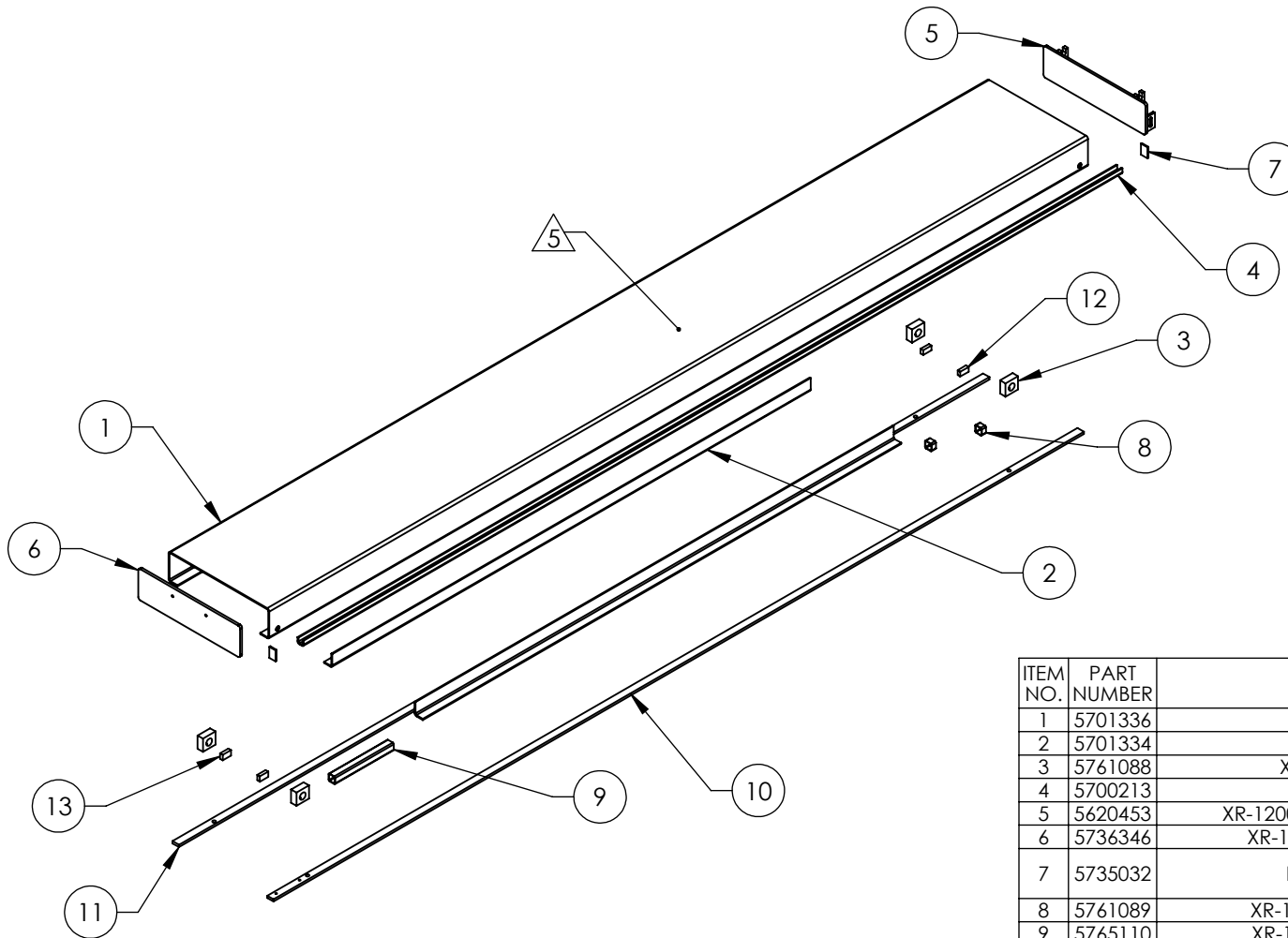
TITLE: XR-12000 SHORT WYE ARM
WELDMENT FRONT LEFT,
5.0" CYLINDER

SIZE	DWG. NO.	REV
A	5601254	C

SCALE: 1:10

SHEET 1 OF 2

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5600530	04/30/2018	TS	00919



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 GRAY (RAL-7024)



APPLY #30 GRIT ALUMINUM OXIDE WHEN PAINTING TO TOP ONLY AFTER WELDING

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5701336	XR-12000L LEFT HAND RAMP	1	E
2	5701334	XR-12000L SLIDE BLOCK RAIL	2	C
3	5761088	XR-12000 SERIES RAMP PIN LOCK	4	C
4	5700213	XR-12000L ROLLING JACK RAIL	1	D
5	5620453	XR-12000 SERIES FRONT TIRE STOP WELDMENT	1	A
6	5736346	XR-12000 SERIES REAR RAMP END PLATE	1	A
7	5735032	ROLLING JACK RAIL CLOSEOUT	2	C
8	5761089	XR-12000 SERIES SHORT HOSE RETAINER	2	B
9	5765110	XR-12000 SERIES LONG HOSE RETAINER	1	C
10	5735309	XR-12000L INSIDE RAMP STRAP	1	C
11	5735310	XR-12000L OUTSIDE RAMP STRAP	1	C
12	5735386	XR-12000 SERIES RAMP STOP, FRONT	2	B
13	5735382	XR-12000 SERIES RAMP STOP	2	B

DO NOT SCALE DRAWING

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

ANGULAR: 0. = ±2°

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

NEXT ASSEMBLY
5215779

NAME	DATE
DRAWN TS	04/30/2018
CHECKED CA	7/19/2018

THIRD ANGLE PROJECTION



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PROHIBITED.



1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

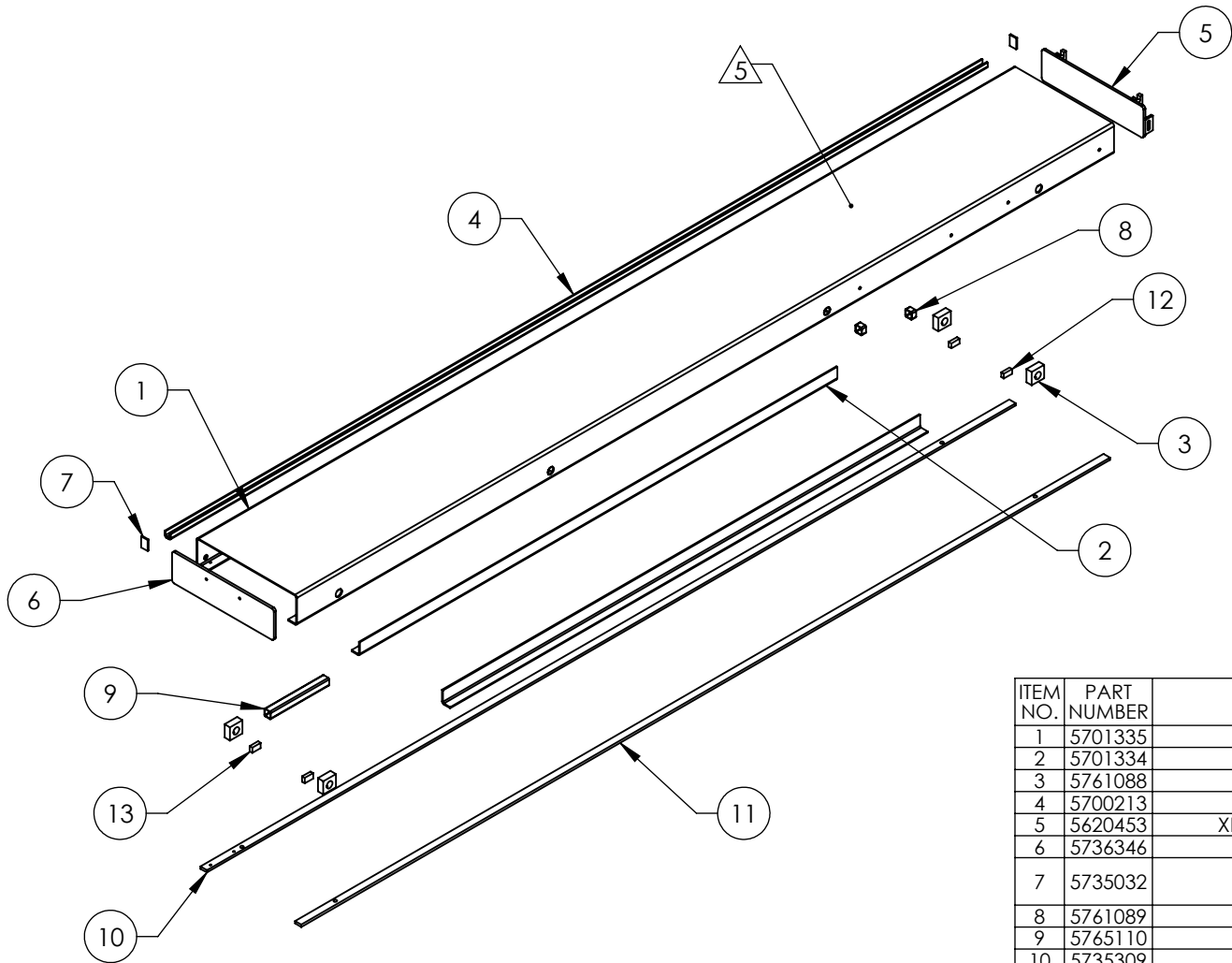
TITLE: XR-12000L LEFT HAND
RAMP WELDMENT VER C

SIZE DWG. NO. REV
A 5601257 A

SCALE: 1:30

SHEET 1 OF 5

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5600529	04/27/2018	TS	00919



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5701335	XR-12000L RIGHT HAND RAMP	1	E
2	5701334	XR-12000L SLIDE BLOCK RAIL	2	C
3	5761088	XR-12000 SERIES RAMP PIN LOCK	4	C
4	5700213	XR-12000L ROLLING JACK RAIL	1	D
5	5620453	XR-12000 SERIES FRONT TIRE STOP WELDMENT	1	A
6	5736346	XR-12000 SERIES REAR RAMP END PLATE	1	A
7	5735032	ROLLING JACK RAIL CLOSEOUT	2	C
8	5761089	XR-12000 SERIES SHORT HOSE RETAINER	2	B
9	5765110	XR-12000 SERIES LONG HOSE RETAINER	1	C
10	5735309	XR-12000L INSIDE RAMP STRAP	1	C
11	5735310	XR-12000L OUTSIDE RAMP STRAP	1	C
12	5735386	XR-12000 SERIES RAMP STOP, FRONT	2	B
13	5735382	XR-12000 SERIES RAMP STOP	2	B

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 GRAY (RAL-7024)



APPLY #30 GRIT ALUMINUM OXIDE WHEN PAINTING TO TOP ONLY AFTER WELDING

DO NOT SCALE DRAWING

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

ANGULAR: 0. = ±2°

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

NAME	DATE
DRAWN TS	04/27/2018
CHECKED CA	7/19/2018

THIRD ANGLE PROJECTION



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BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

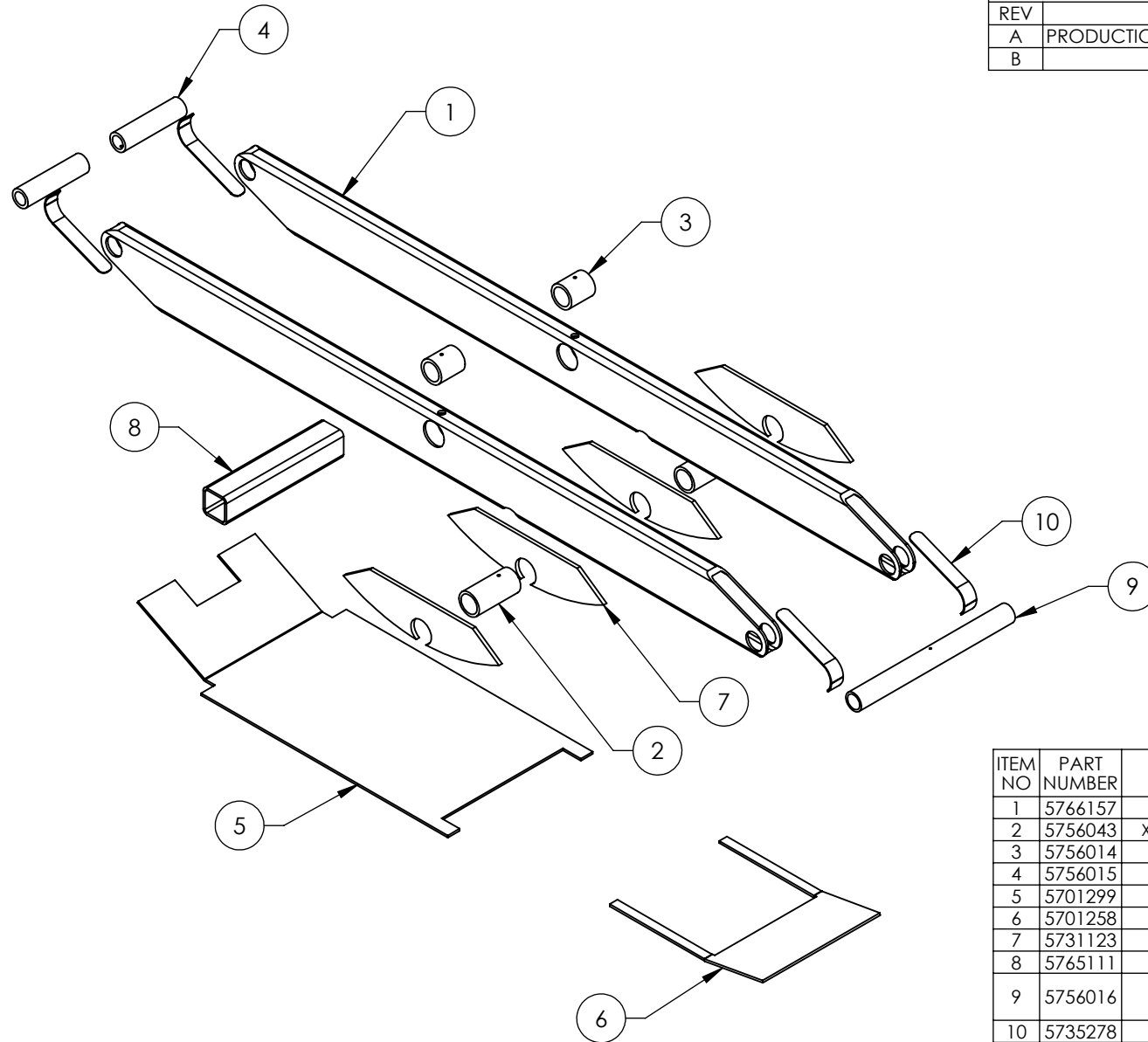
TITLE:
**XR-12000L RIGHT HAND
RAMP WELDMENT VER C**

SIZE DWG. NO. REV
A 5601258 A

SCALE: 1:30

SHEET 1 OF 5

NEXT ASSEMBLY
5215778



WHERE USED
XR-12000 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

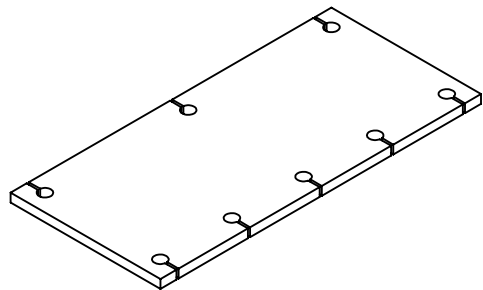
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- REMOVE ALL WELD SPLATTER
- MASK ALL BEARING HOUSING BORES BEFORE PAINTING
- DIMENSIONS SHOWN ARE AFTER PAINTING
- PAINT BENDPAK GRAY (RAL-7024)

NEXT ASSEMBLY
5215823

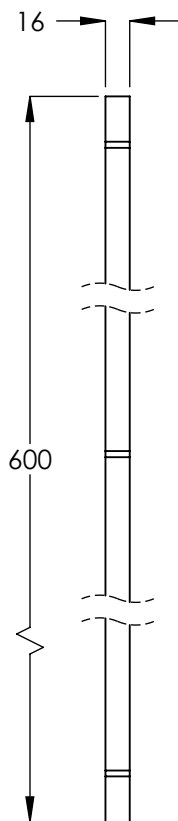
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DREIVED FROM 5600439	02/19/2019	TM	01045
B	UPDATED BOM REVISION	05/28/2019	TM	01088

ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5766157	XR-12000 SERIES LONG WYE ARM TUBE	2	B
2	5756043	XR-12000 LONG WYE ARM CYLINDER PIN LOCK, 4.0" CYLINDER	2	B
3	5756014	XR-12000 LONG WYE ARM SHORT ARM PIN LOCK	2	B
4	5756015	XR-12000 LONG WYE ARM SAFETY SLIDE PIN LOCK	2	B
5	5701299	XR-12000 LONG WYE ARM SAFETY SIDE GUSSET	1	C
6	5701258	XR-12000 LONG WYE ARM BASE SIDE GUSSET	1	A
7	5731123	XR-12000 LONG WYE ARM CYLINDER PIN LOCK GUSSET	4	B
8	5765111	XR-12000 LONG WYE ARM CROSS SUPPORT TUBE	1	B
9	5756016	XR-12000 LONG WYE ARM BASE PIVOT PIN BEARING HOUSING	1	B
10	5735278	XR-12000 LONG WYE ARM CLOSEOUT	4	B

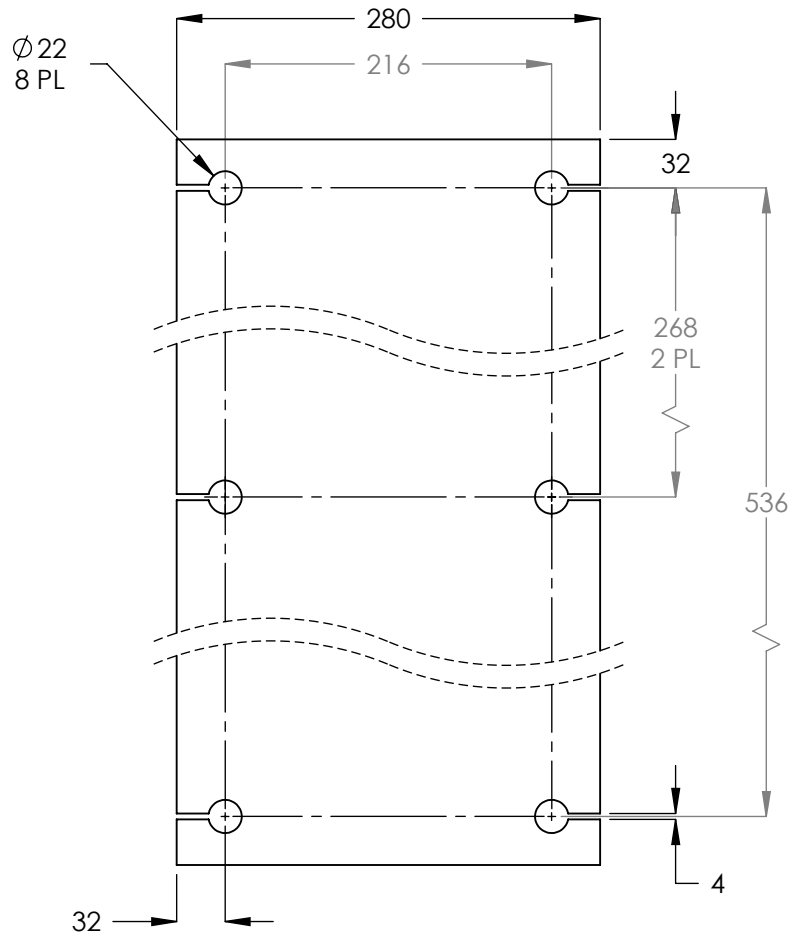
DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	TM			02/19/2019
		CHECKED	CA			6/14/2019
ANGULAR: 0. = ±2°		THIRD ANGLE PROJECTION			TITLE: XR-12000 LONG WYE ARM WELDMENT, 4.0" CYLINDER	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED						
		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.				
Y	SIZE			DWG. NO.	REV	
	A			5601307	B	
SCALE: 1:15					SHEET 1 OF 2	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	WAS 380 NOW 280, WAS 316 NOW 216 UPDATED TITLE TO REFLECT WHERE USED	10/08/2010	AC	00399
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	12/13/2011	TM	00491
D	ADDED (3) Ø22 HOLES	10/05/2016	TM	00783

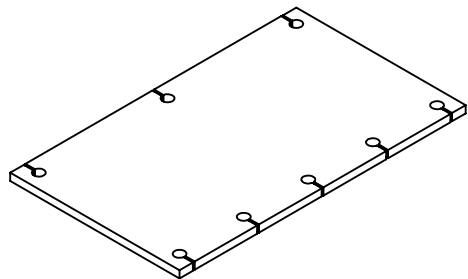


NOTE: UNLESS OTHERWISE SPECIFIED.

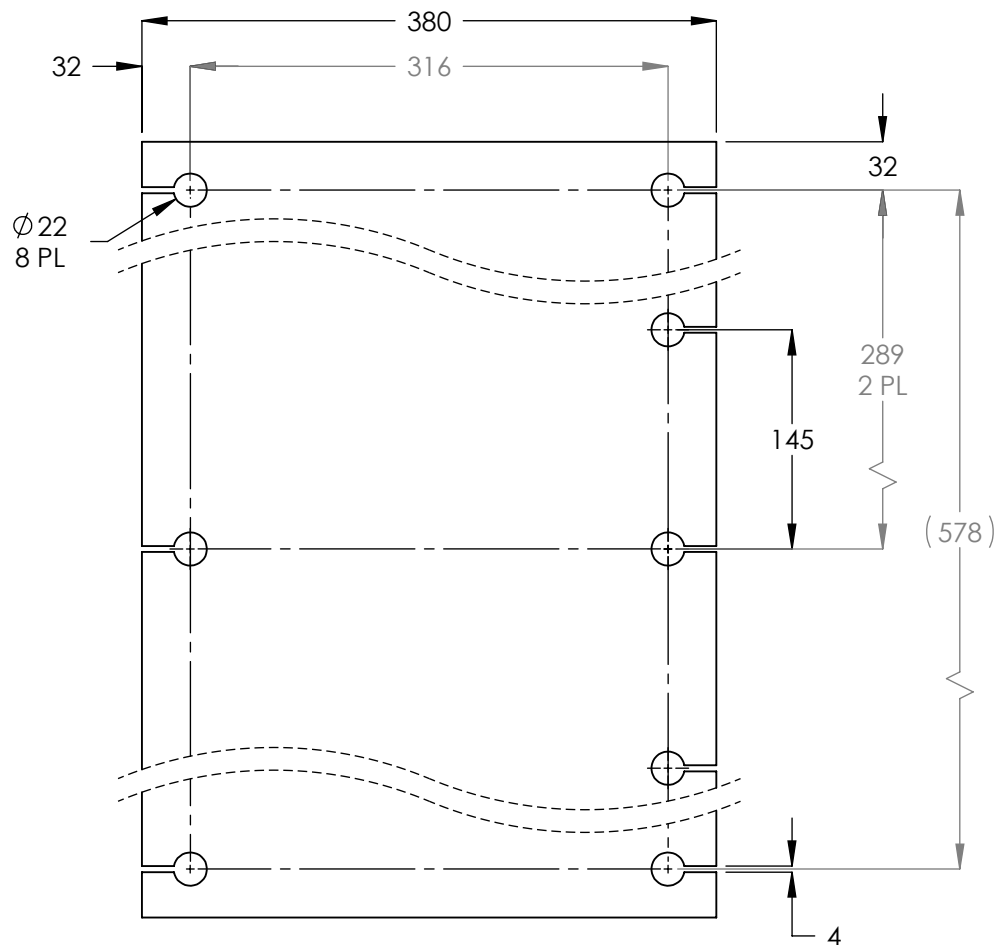
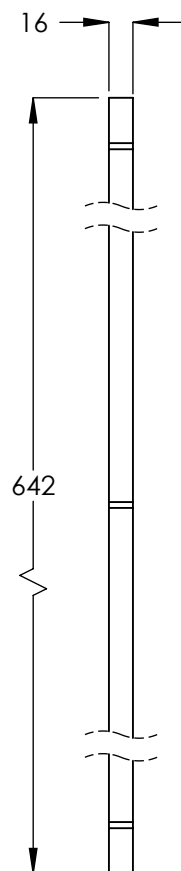
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5600428

DO NOT SCALE DRAWING		NAME	DATE	 BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060			
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	AC			03/22/2010	
		CHECKED	DB			10/11/2015	
		THIRD ANGLE PROJECTION			TITLE:		
					XR-12000 SERIES FIXED END BASE PLATE		
		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.			SIZE	DWG. NO.	REV
					A	5730105	D
		SCALE: 1:5				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED TITLE TO REFLECT WHERE USED	10/26/2010	AC	00399
C	UPDATED TITLE TO REFLECT WHERE USED	12/13/2011	TM	00491
D	ADDED (3) Ø22 HOLES	10/05/2016	TM	00783

NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5600445

DO NOT SCALE DRAWING		NAME	DATE	BP BendPak.			
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	AC	03/22/2010	1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
		CHECKED	DB	10/11/2016			
		THIRD ANGLE PROJECTION			TITLE:		
					XR-12000 SERIES SLIDING BASE PLATE		
		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.			SIZE	DWG. NO.	REV
					A	5730106	D
		SCALE: 1:5				SHEET 1 OF 1	

PART SPECIFICATION FORM

BENDPAK Number:	5930609
MRP Description:	BLACK AND YELLOW HAZARD 10" x 2"
Date:	07/22/2013
ECO :	00611

1. Engineering Specification

Application:

WARNING STICKER

Detailed Description:

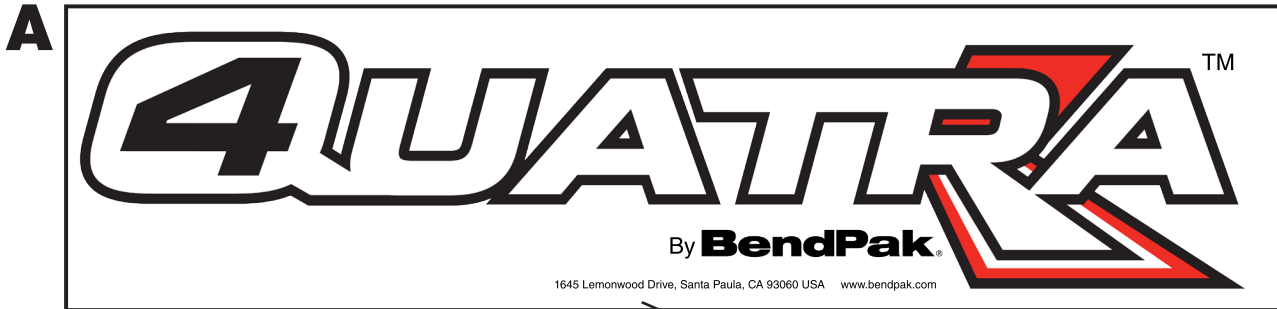


Size: 10' W x 2" H
 Material: Vinyl Adhesive / Backing: Soft Polyvinyl Chloride
 Thickness: 6.5 Mil
 Finish: Polished

2. Vendor Information

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			

XR-12000L & XR-12000AL Product Label Positioning



PN 5905445

Quatra_Label.pdf:

Size: 18"W x 4.5"H

Material: White Adhesive Vinyl

Thickness: 2 Mil

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

Finish: Polished

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

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

Background should print as CLEAR MYLAR



Runway_Stops_Quad_FRE-ENG-5905455.pdf:

Size: 8.5"W x 3.25"H

Material: White Vinyl Pressure Sensitive Adhesive

Thickness: 2 Mil

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

Finish: Polished

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

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

PN 5905455



Danger_Balance_Label_FRE-ENG-5905460.pdf:

Size: 4"W x 5"H

Material: White Vinyl Pressure Sensitive Adhesive

Thickness: 2 Mil

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

Finish: Polished

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

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

PN 5905460



ALI Gold Label

PN 5905653

XR-12000L & XR-12000AL Product Label Positioning

E

⚠ DANGER	
THE MAXIMUM LIFTING CAPACITY FOR THIS LIFT IS DESCRIBED BELOW	
Maximum Lifting Capacity 12,000 lbs. / 5,443 kg	
Max. Lifting Cap. / Front of Lift Center 6,000 lbs. / 2,722 kg	
Max. Lifting Cap. / Rear of Lift Center 6,000 lbs. / 2,722 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.	
LA CAPACITÉ DE LEVAGE MAXIMUM POUR CE LEVAGE EST DÉCRIT CI-DESSOUS	
Capacité de Levage Maximale 12,000 lbs. / 5,443 kg	
Max. Capuchon De Levage. / Avant du centre de relèvement 6,000 lbs. / 2,722 kg	
Max. Capuchon De Levage. / Arrière du centre de levage 6,000 lbs. / 2,722 kg	
Le dépassement de la capacité de poids de cet élévateur peut endommager l'ascenseur et / ou les biens et peut causer des dommages corporels, des blessures voire la mort aux opérateurs et / ou aux passants. Tous les véhicules DOIVENT être placés sur l'élévateur avec le CENTRE DE GRAVITÉ à mi-chemin entre les adaptateurs et / ou au centre des pistes. Dommages à soulever dus à la surcharge ou une mauvaise utilisation N'EST PAS couverte par la garantie.	

P/N 5905404

Max. Cap. Danger 12K ENG-FRE-5905404.pdf:

Size: 4"W x 8.25"H

Material: White Vinyl Pressure Sensitive Adhesive

Thickness: 2 Mil

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

Finish: Polished

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

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

F



PN 5905178

RNDR Lube Warning Art.pdf:

Size: 2.5"W x 2.5"H

Material: White Vinyl Pressure Sensitive Adhesive

Thickness: 2 Mil

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

Finish: Polished

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

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

G



PN 5905179

RNDR Pinch Warning Art.pdf:

Size: 2.5"W x 2.5"H

Material: White Vinyl Pressure Sensitive Adhesive

Thickness: 2 Mil

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

Finish: Polished

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

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

H



PN 5930609

Black & Yellow Hazard Roll

Size: 10' W x 2" H

Material: Vinyl Adhesive / Backing: Soft Polyvinyl Chloride

Thickness: 6.5 Mil

Finish: Polished

Hazard Decals on left and right side of the platforms

SIZE TO FIT LENGTH

I

BP BendPak	
Santa Paula, CA USA www.bendpak.com	
MODEL NUMBER	
DESCRIPTION	
LIFT CAPACITY	DATE OF MFG.
ROLLING JACK MAX CAP.	MAX PSI / BAR
VOLTAGE	SERIAL NUMBER
☐ 110-240V, 50-60 Hz, 1 Ph ☐ 208-240V, 50-60 Hz, 1 Ph ☐ 380-415V, 50-60 Hz, 3 Ph ☐ 208-440V, 50-60 Hz, 3 Ph	UPC
⚠ DANGER! Disconnect Power Before Servicing	
WARRANTY VOID IF DATA PLATE IS REMOVED PN 5905952	

2015_Serial_Tag-C-5905952.pdf:

Size: 3"W x 3"H

Material: White Vinyl Pressure Sensitive Adhesive

Thickness: 2 Mil

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

Finish: Polished

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

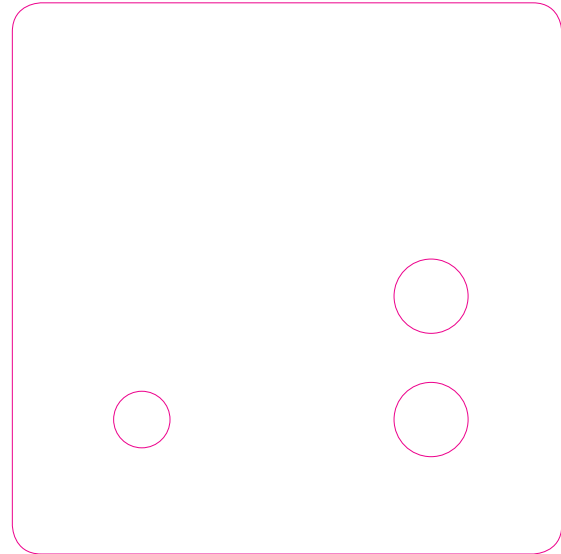
Lamination: Clear-gloss over-laminate for abrasion, chemical, and ultra violet protection

PN 5905952

J



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



• **DOES NOT PRINT - For Die Cut ONLY**

K

L



Will be placed by BendPak Santa Paula.

M



Will be placed by BendPak Santa Paula.

XR-12000L & XR-12000AL Product Label Positioning

N

⚠ WARNING	This power unit contains a hydraulic pump that is capable of developing pressure in excess of 5,000 psi (345 BAR). A pressure relief valve is used to set the pressure at the desired level. Tampering with, adjusting, modifying, or removing the relief valve is extremely dangerous and is not recommended. Only a trained hydraulics technician, using a calibrated hydraulic pressure gauge to assure the proper pressure setting is achieved, should make adjustments to the relief valve. WARNING: Changes to the output pressure may render the power unit incompatible with pressure limitations of other components in the hydraulic circuit. This may cause catastrophic failure of those components, and could result in property damage, serious personal injury, or death.
⚠ ADVERTENCIA	Esta central hidráulica contiene una bomba capaz de desarrollar una presión en exceso de 5,000 psi (345 BAR). La presión está establecida por la válvula de descarga al nivel de presión deseada. Es extremadamente peligroso y no está recomendado, descomponerla, modificarla, ajustarla o removerla. Solo un técnico cualificado, utilizando un manómetro hidráulico calibrado para asegurar que la propia presión es alcanzada, podrá hacer modificaciones a la válvula de descarga. ADVERTENCIA: Cambios a la salida de presión, podrían hacer la central hidráulica incompatible con las limitaciones de presión de otros componentes en el circuito hidráulico. Esos componentes podrían funcionar mal causando una catástrofe y podría resultar en daño a la propiedad, serio daño personal o muerte.
⚠ WARNING	Dieses Hydraulikaggregat beinhaltet eine Pumpe, welche einen Betriebsdruck bis zu 345 bar aufbauen kann. Ein integriertes Druckbegrenzungsventil begrenzt diesen Betriebsdruck. Missbrauch, veränderte Druckeinstellung, technische Veränderungen oder Entfernen des Ventils, sind extrem gefährlich und daher nicht zu empfehlen. Nur qualifiziertes Personal mit Hydraulikerfahrung, sollte unter Verwendung eines kalibrierten Manometers den Druck dieses Sicherheitsventils einstellen. WARNING: Eine Veränderung des Betriebsdruckes am Aggregat, kann zu Problemen bei anderen angeschlossenen Komponenten führen, welche nur über einen geringeren zulässigen Betriebsdruck verfügen. Dies kann zur vollständigen Zerstörung dieser Geräte führen und zusätzlich zu schweren Verletzungen oder sogar zu Lebensgefahr beim Bedienpersonal führen.
⚠ AVERTISSEMENT	Cet équipement utilise une pompe hydraulique capable de fournir une pression de 345 bar. Une soupape de sûreté est utilisée pour régler la pression à la valeur souhaitée. Altérations, réglages, modifications ou suppression de cette soupape de sûreté peuvent se révéler très dangereux et ne sont absolument pas recommandés. Uniquement un hydraulicien qualifié, utilisant un manomètre pour permettre l'affichage précis de la pression, pourra assurer les réglages de la soupape de sûreté. AVERTISSEMENT: Tout changement de la valeur de la pression de sortie peut rendre incompatible l'utilisation de cet équipement avec les autres composants du circuit hydraulique. Ceux-ci peuvent être endommagés de manière définitive et peuvent causer des dégâts matériels, ainsi que des risques de blessures graves ou la mort.

Pressure_Warning_Label-Power_Unit.pdf:

Trim: 4"W x 4.25"H

Material: 4 Mil. White Adhesive Vinyl

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

Finish: Polished

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

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

PN 5905477

O

⚠ CAUTION
1. Motor not protected - external overheat protection in accordance with CE code, Part 1, shall be provided. 2. Minimum circuit ampacity of conductor is 30A.
⚠ PRECAUCIÓN
1. Motor no está protegido - se proveerá protección contra sobrecalentamiento externo de conformidad con el código CE, Sección 1. 2. Ampacidad mínima del conductor del circuito es 30A.
⚠ ATTENTION
1. Moteur non protégé - une protection externe contre la surchauffe conforme au code CE, Partie 1, doit être fournie. 2. L'ampacité minimale du circuit du conducteur est de 30A.
If connected to a circuit protected by fuses use time-delay fuse Marked D Si está conectado a un circuito protegido por fusibles, utilice fusibles de acción retardada, tipo D Si connecté à un circuit protégé par fusibles utilisez fusible temporisé Marqué D
REV 1119 PN 5905478

PN 5905478

Power_Unit_Caution_Label.pdf:

Trim: 2.5"W x 6.5"H

Material: 4 Mil. White Adhesive Vinyl

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

Finish: Polished

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

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

P

⚠ WARNING	⚠ ATTENTION
Always allow a minimum 2-second delay between motor starts. Failure to comply may cause switch and/or motor burnout. This could cause serious damage to the equipment and/or personal property.	Prévoyez toujours un délai minimum de 2 secondes entre les démarrages du moteur. Le non-respect de cette consigne peut entraîner l'épaissement des commutateurs et/ou du moteur. Cela pourrait causer de graves dommages à l'équipement et/ou aux biens personnels.
RISK OF EXPLOSION	RISQUE D'EXPLOSION
This equipment has internal arcing or sparking parts which should not be exposed to flammable vapors. THIS EQUIPMENT SHOULD BE LOCATED AT LEAST 460 MM (18 INCHES) ABOVE THE FLOOR. All wiring must be performed by a certified electrician only. It is the responsibility of the electrician to ensure that all field wiring systems comply with both NEC recommendations and all additional electrical codes.	Cet équipement comporte des pièces internes produisant des arcs électriques ou des étincelles qui ne doivent pas être exposées à des vapeurs inflammables. CET ÉQUIPEMENT DOIT ÊTRE SITUÉ AU MOINS 460 MM (18 POUCES) AU-DESSUS DU SOL. Tout le câblage doit être effectué par un électricien certifié. Il incombe à l'électricien de s'assurer que tous les systèmes de câblage sur site sont conformes aux recommandations NEC et à tous les codes électriques supplémentaires.

Operating_Explosion_Warning_Label.pdf:

Trim: 6"W x 4"H

Material: 4 Mil. White Adhesive Vinyl

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

Finish: Polished

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

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

PN 5906015

XR-12000L & XR-12000AL Product Label Positioning

