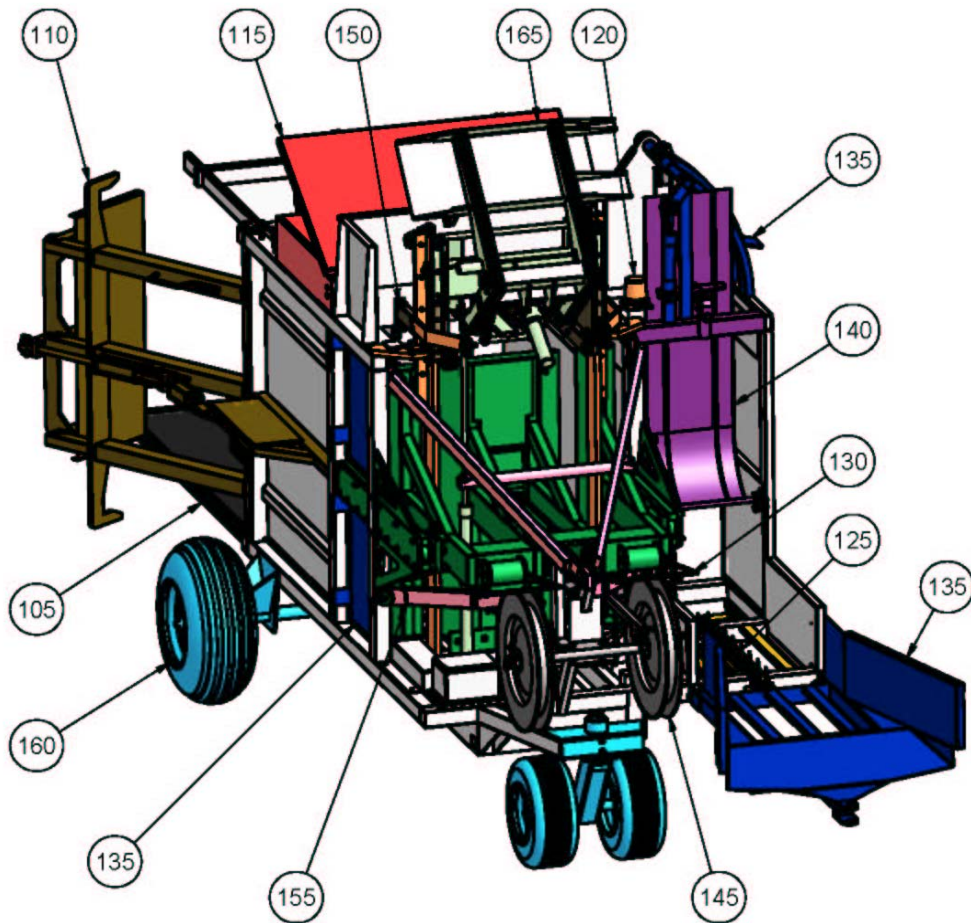


# MECHANICAL - 100



<b>SECTION #</b>	<b>SECTION NAME</b>
105	BACK FLOOR
110	BACK GATE
115	BANDING BOX
120	CHROME RAIL
125	ELEVATOR
130	HORIZONTAL PLUNGER
135	MISCELLANEOUS
140	PRESSURE PLATE
145	STRAP DRUM
150	STRAP GUIDE ARMS
155	STRAP ROLLER – BRACES
160	TIRES & WHEELS
165	VERTICAL PLUNGER

## BALE BAND-IT PARTS

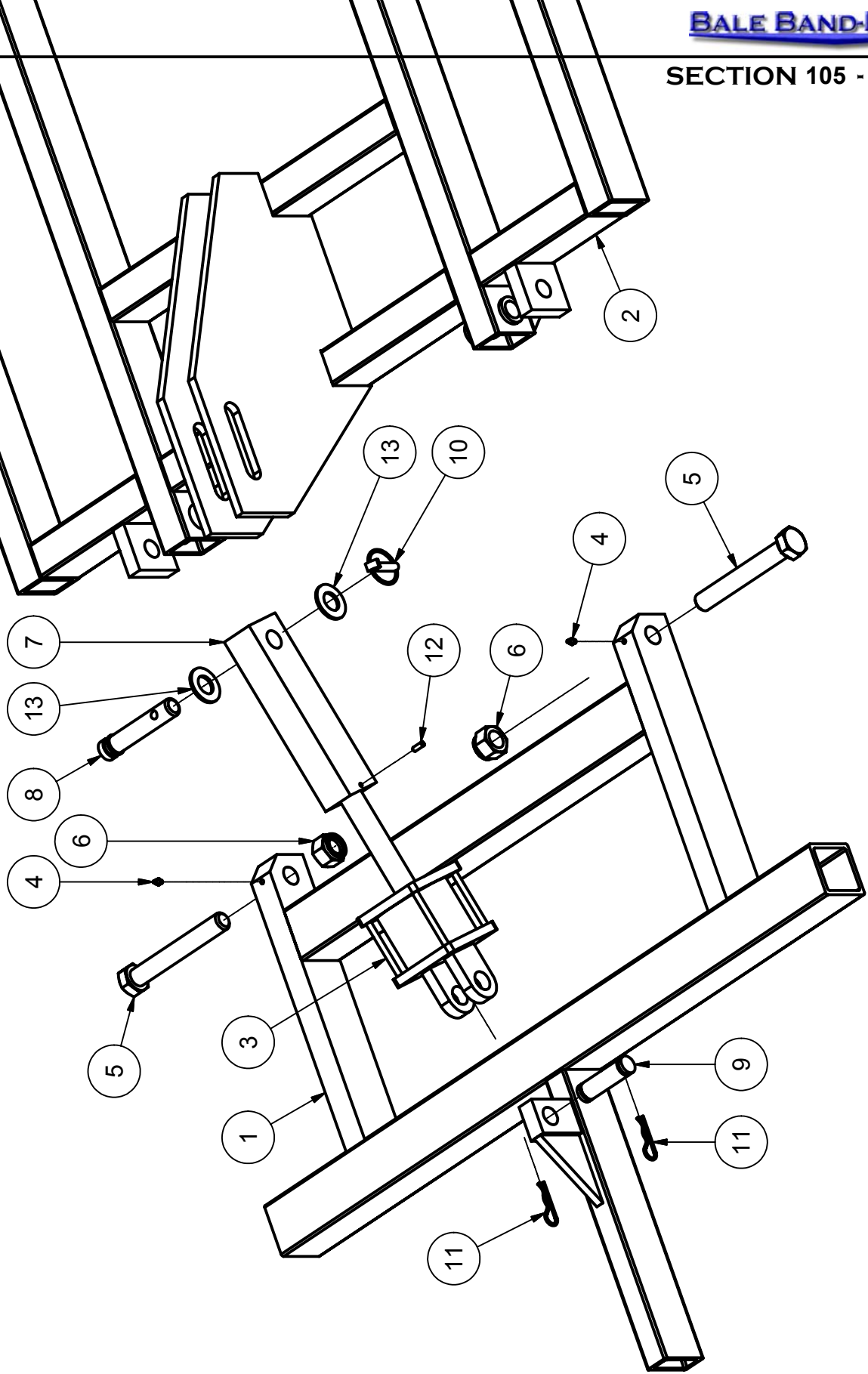
# **BALE BAND-IT PARTS**

## **BACK FLOOR SECTION 105**

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<b>BACK FLOOR ASSEMBLY</b>	<b>1 - 2</b>



Back Floor Assembly



Back Floor Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-A-0000A	
2	1	1-D-0000A	Back Floor Weldment
3	1	BackFloorCylinder	Bore 4", Rod 1.25" x 2.75" Stroke
4	2	58790 - Grease Zerk - Straight	
5	2	1-8 UNC - 7	HexCapScrewInch
6	2	Nylock Nut	1 Std NC Nylock Nut
7	1	1-M-0066	
8	1	TopLinkPin - 1 - 3.5625	
9	1	Pin - 1 - 3.5625	
10	1	RingClip - .4375 - 1.375	
11	2	CotterPin	
12	1	SetScrew .25-20 UNCx0.75	
13	2	Washer, ANSI A, Normal 1"	Type A Plain Washer



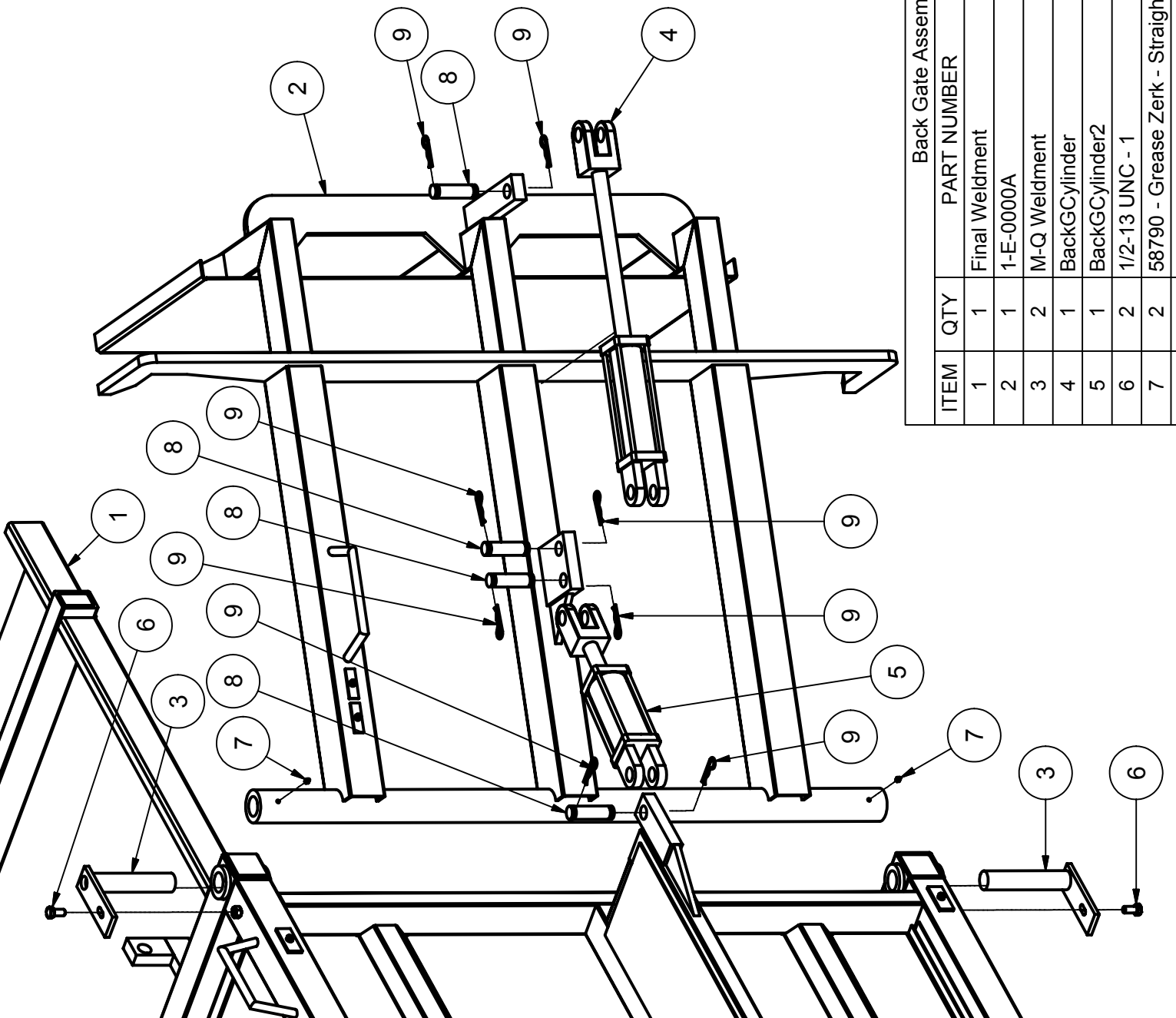
# **BALE BAND-IT PARTS**

## **BACK GATE SECTION 110**

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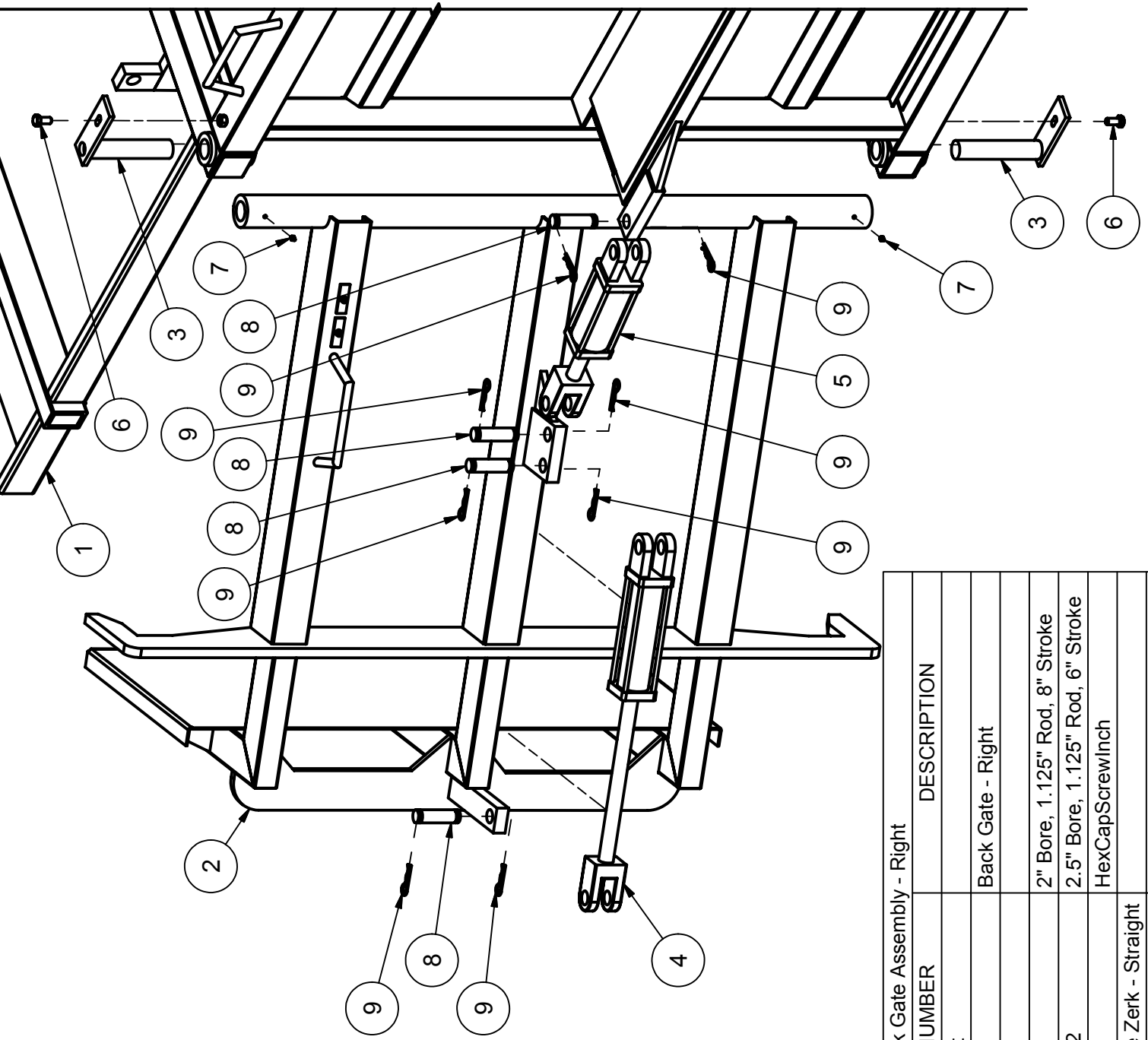
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<b>BACK GATE ASSEMBLY - LEFT</b>	<b>1</b>
<b>BACK GATE ASSEMBLY - RIGHT</b>	<b>2</b>

**110**



Back Gate Assembly - Left			DESCRIPTION
ITEM	QTY	PART NUMBER	
1	1	Final Weldment	
2	1	1-E-0000A	Back Gate - Left
3	2	M-Q Weldment	
4	1	BackGCylinder	2" Bore, 1.125" Rod, 8" Stroke
5	1	BackGCylinder2	2.5" Bore, 1.125" Rod, 6" Stroke
6	2	1/2-13 UNC - 1	HexCapScrew/Inch
7	2	58790 - Grease Zerk - Straight	
8	4	Pin - 1 - 3.5625	
9	8	CotterPin	





Back Gate Assembly - Right			DESCRIPTION
ITEM	QTY	PART NUMBER	
1	1	Final Weldment	
2	1	1-E-0000B	Back Gate - Right
3	2	M-Q Weldment	
4	1	BackGCylinder	2" Bore, 1.125" Rod, 8" Stroke
5	1	BackGCylinder2	2.5" Bore, 1.125" Rod, 6" Stroke
6	2	1/2-13 UNC - 1	HexCapScrew/Inch
7	2	58790 - Grease Zerk - Straight	
8	4	Pin - 1 - 3.5625	
9	8	CotterPin	



# **BALE BAND-IT PARTS**

## **BANDING BOX SECTION 115**

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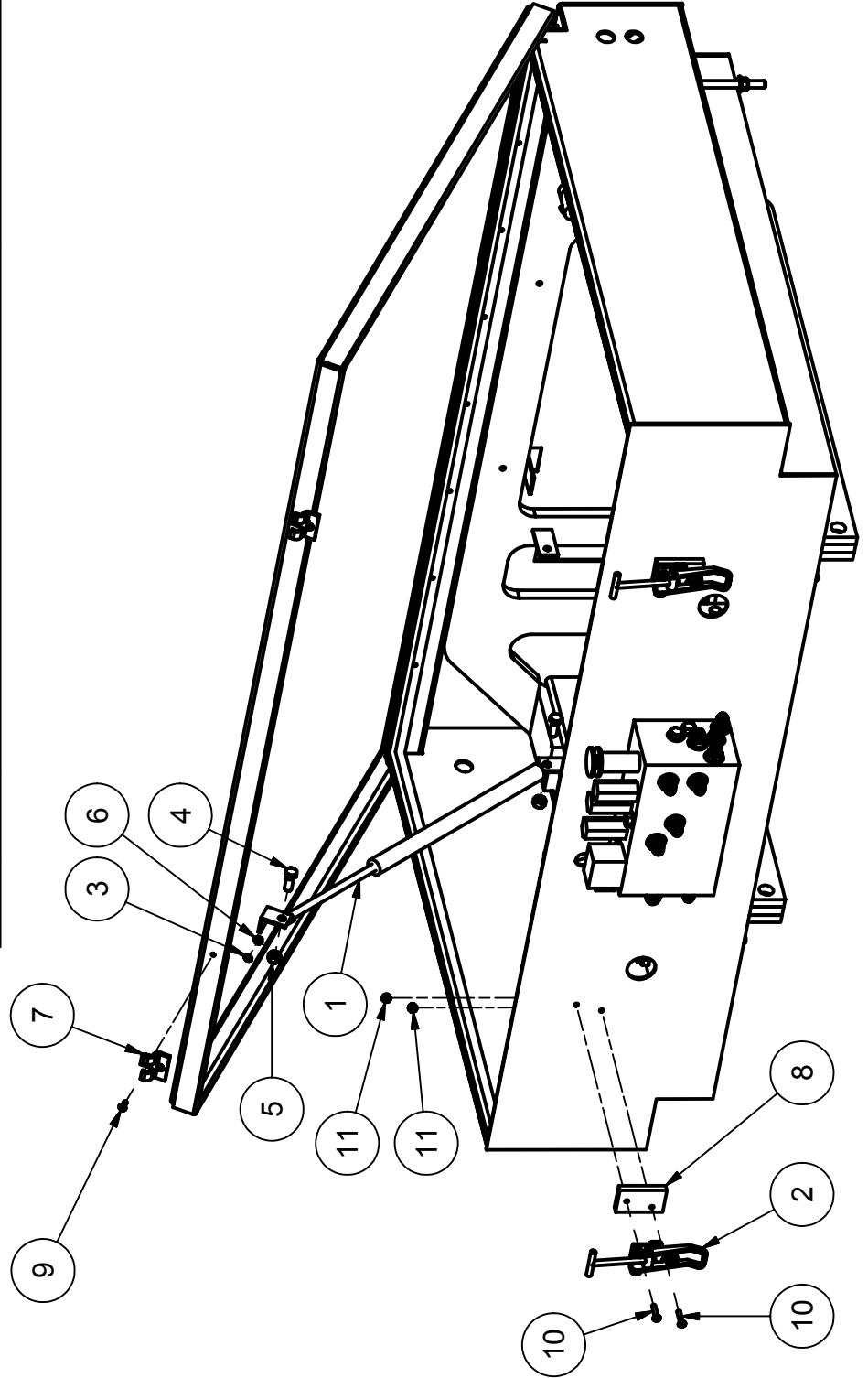
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TOP BANDER ASSEMBLY - LEFT	3
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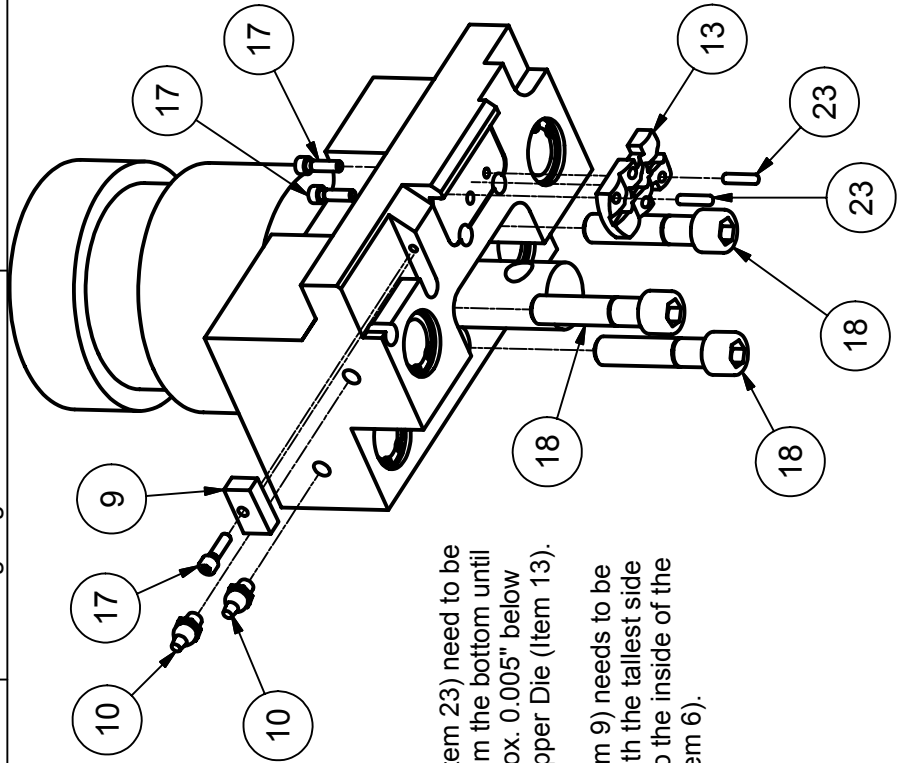
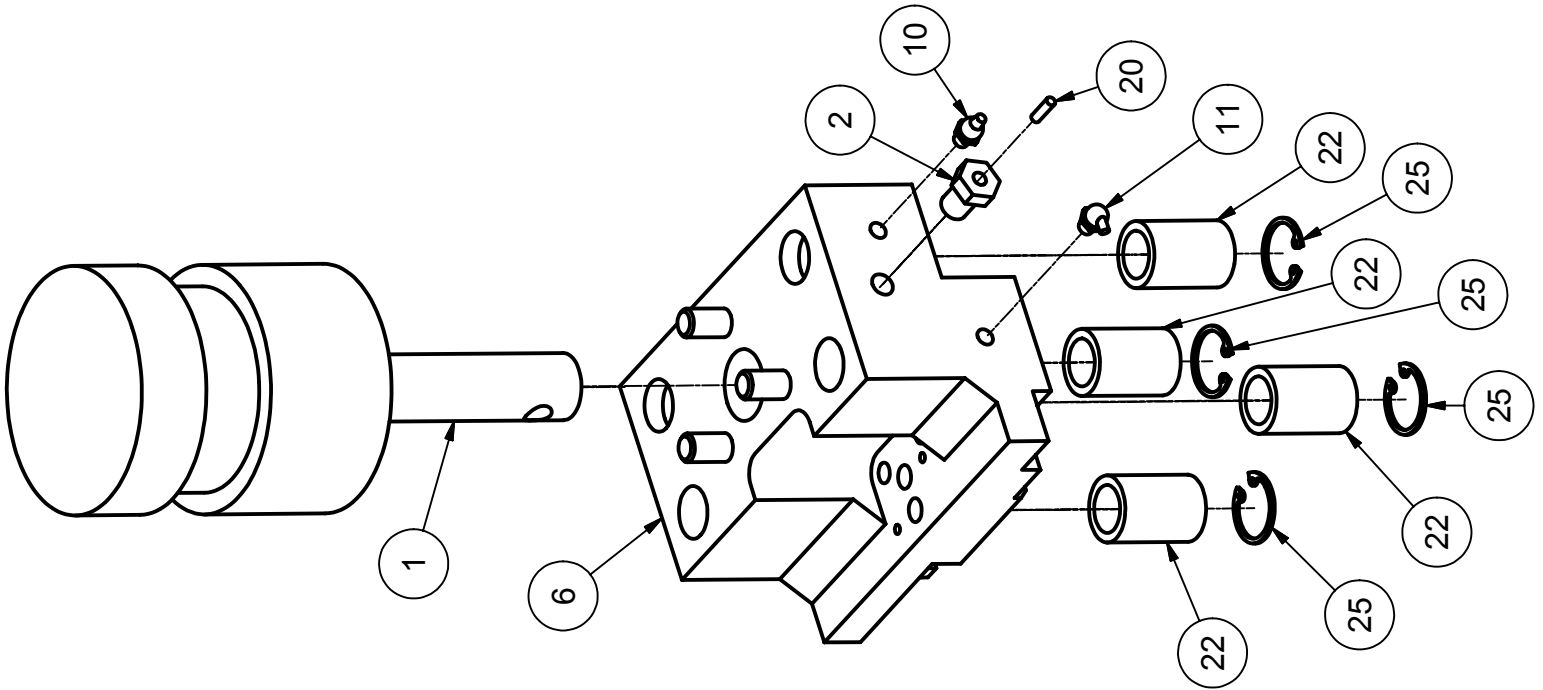
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Lid Latch Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	Air Cylinder	23.5" Extended x 9.5" Stroke
2	2	13435A51	Draw Latch
3	2	ASME B18.21.1 - No. 10, Carbon Steel	External Tooth Lock Washer Type A
4	1	ANSI B18.2.1 - 3/8 - 16 - 1	Hex Cap Screw
5	1	Hex Lock Nut - .375 - 16	
6	2	ANSI B18.6.3 - 10 - 24	Hex Machine Screw Nut UNC
7	2	13435A51 Strike	
8	2	1-G-0067	
9	2	FHMS 10-24 UNCx0.5	
10	4	FHMS 10-24 UNCx1	
11	4	Nylock Nut	10 Std NC Nylock Nut



Top Bander Assembly - Right		
ITEM	QTY	DESCRIPTION
1	1	BanderCylinder
2	1	1-G-0015
6	1	1-G-0033
9	1	1-G-0040
10	3	58790 - Grease Zerk - Straight
11	1	58792 - Grease Zerk - 90 degree
13	1	Die (upper)
17	3	ANSI B18.3 - No. 6 - 32 - 1/2
18	3	ANSI B18.3 - 3/8 - 16 - 1 3/4
20	1	Magnet1
22	4	P56-20-AV-.625 ID
23	2	ANSI B18.8.2 - 1/8 x 1/2
25	4	RetainingRingInternal.875

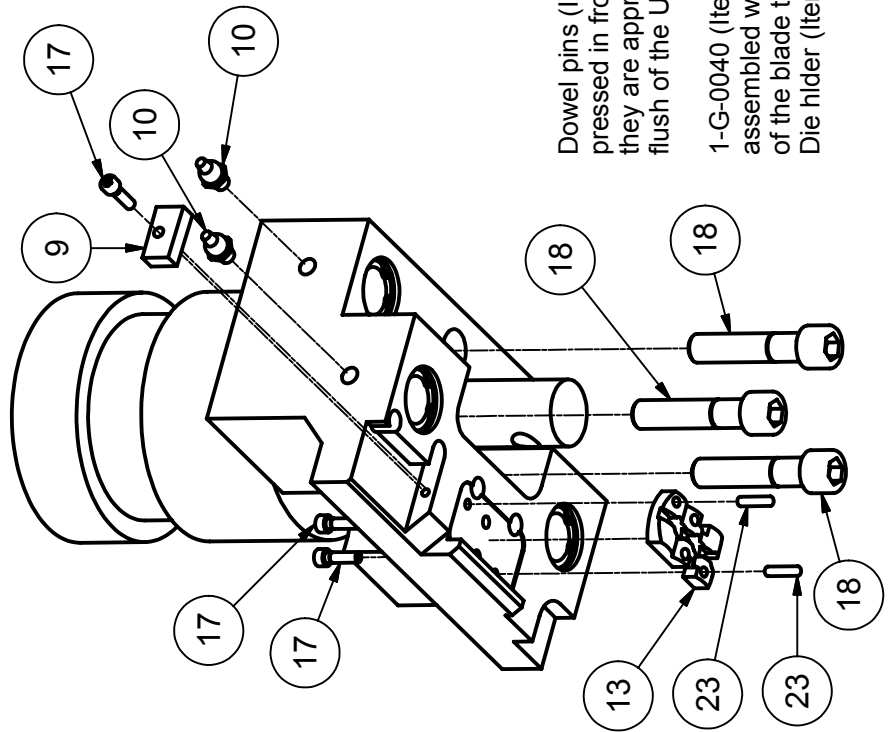
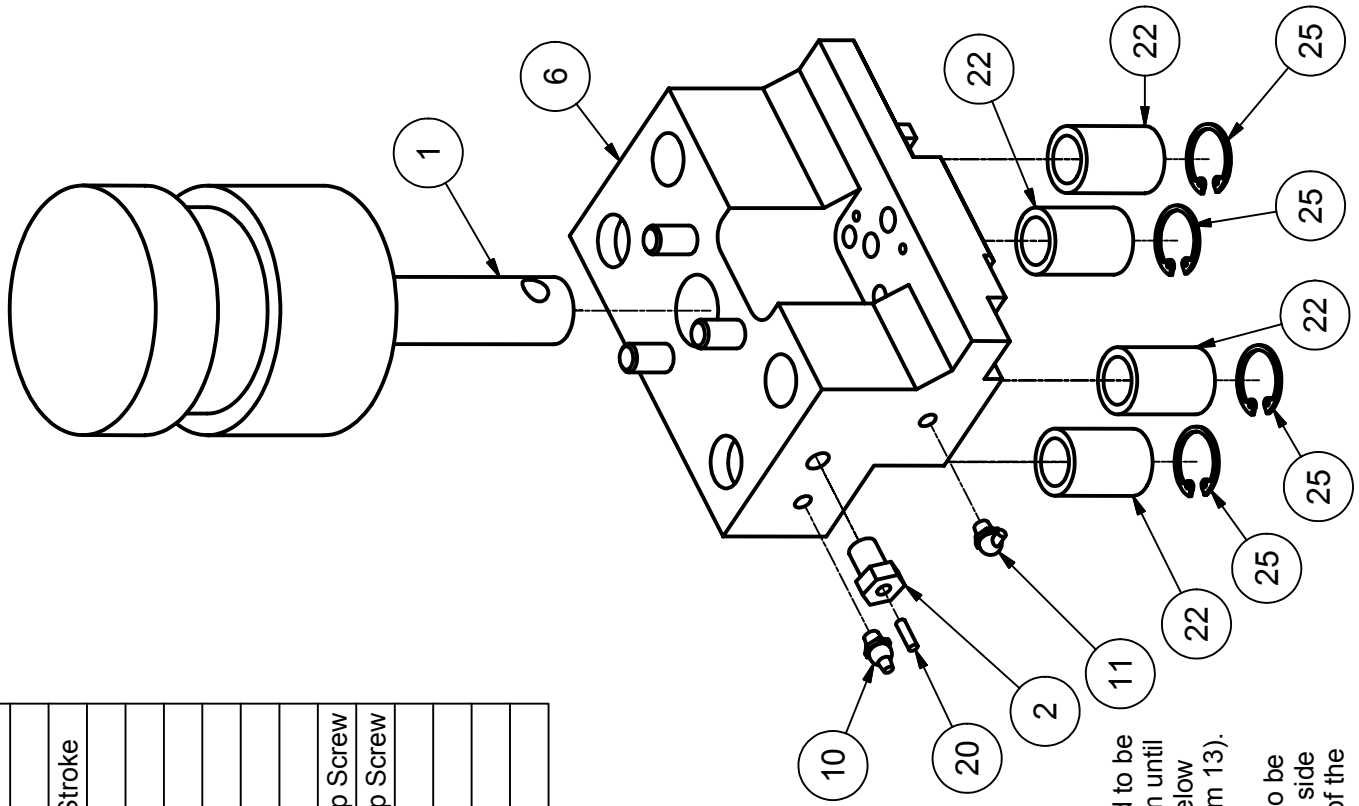


Dowel pins (Item 23) need to be pressed in from the bottom until they are approx. 0.005" below flush of the Upper Die (Item 13).

1-G-0040 (Item 9) needs to be assembled with the tallest side of the blade to the inside of the Die holder (Item 6).



Top Bander Assembly - Left			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BanderCylinder	2.5"Borex0.875"Rodx0.5"Stroke
2	1	1-G-0015	
6	1	1-G-0034	Die Holder
9	1	1-G-0040	Upper Knife
10	3	58790 - Grease Zerk - Straight	
11	1	58792 - Grease Zerk - 90 degree	
13	1	Die (upper)	
17	3	ANSI B18.3 - No. 6 - 32 - 1/2	Hexagon Socket Head Cap Screw
18	3	ANSI B18.3 - 3/8 - 16 - 1 3/4	Hexagon Socket Head Cap Screw
20	1	Magnet1	
22	4	P56-20-AV-.625 ID	Drill Bushing
23	2	ANSI B18.8.2 - 1/8 x 1/2	Dowel Pin
25	4	RetainingRingInternal.875	

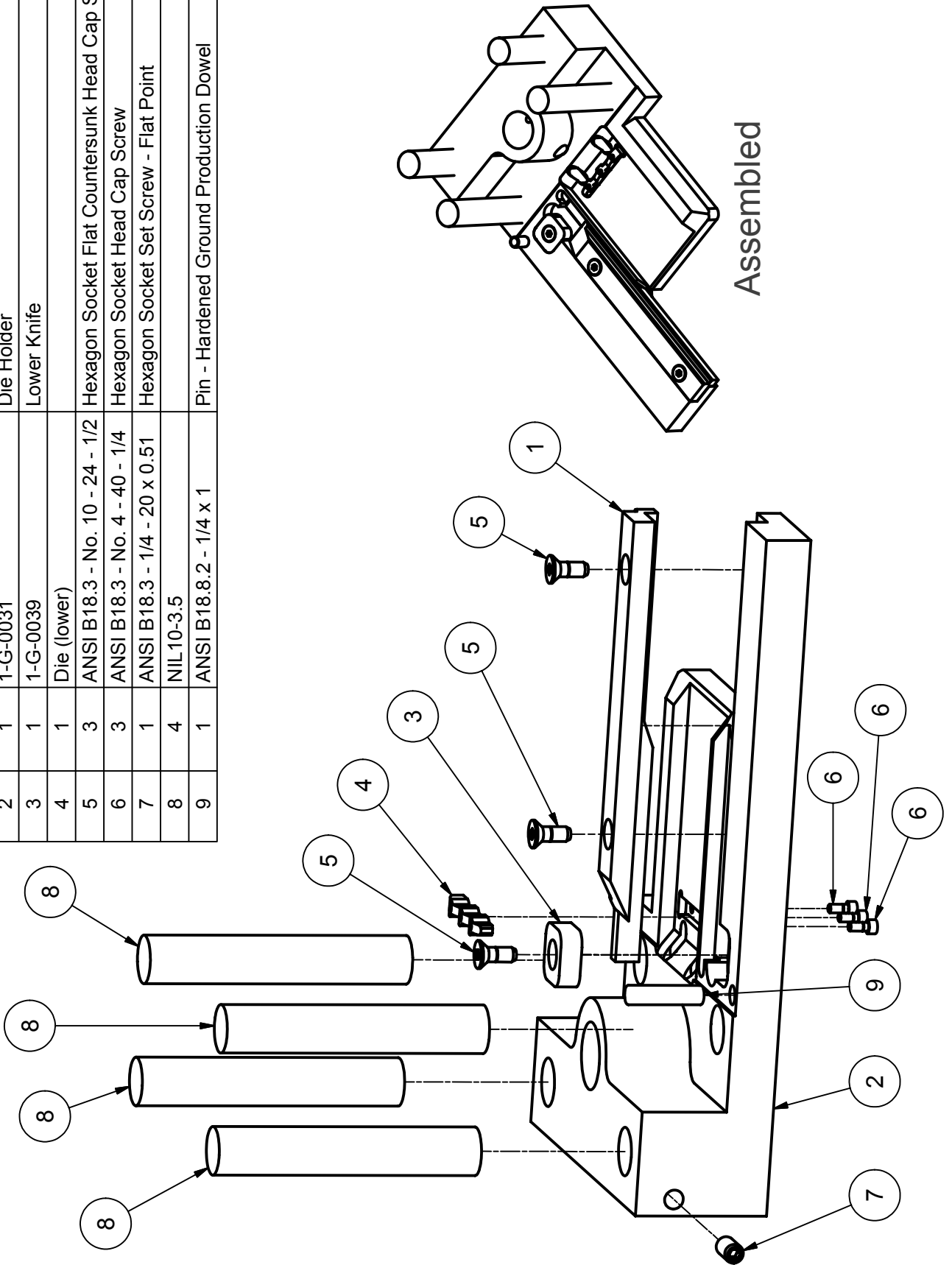


Dowel pins (Item 23) need to be pressed in from the bottom until they are approx. 0.005" below flush of the Upper Die (Item 13).

1-G-0040 (Item 9) needs to be assembled with the tallest side of the blade to the inside of the Die holder (Item 6).



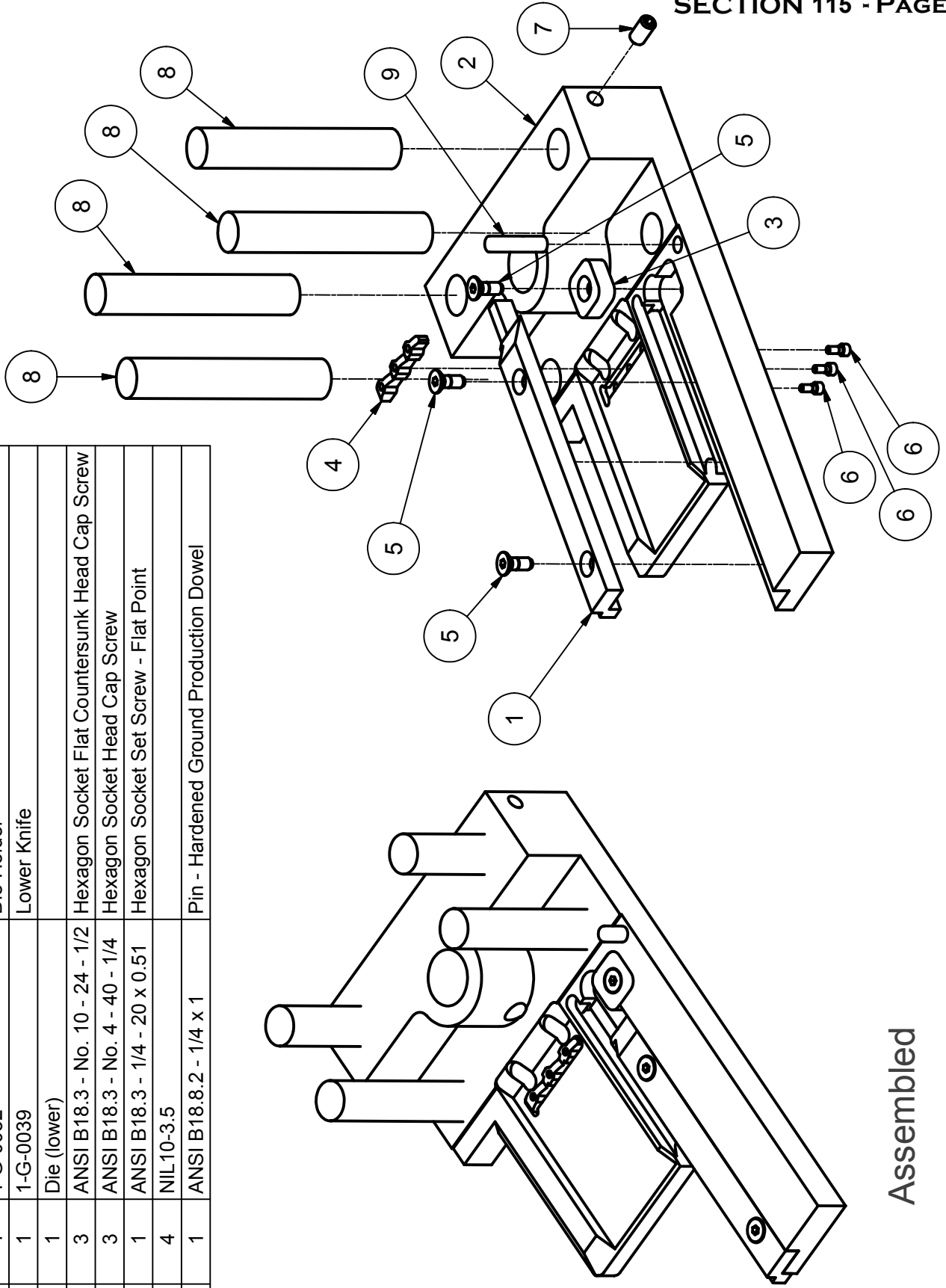
Bottom Bander Assembly - Right			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-G-0030	Zinc Plated Insert
2	1	1-G-0031	Die Holder
3	1	1-G-0039	Lower Knife
4	1	Die (lower)	
5	3	ANSI B18.3 - No. 10 - 24 - 1/2	Hexagon Socket Flat Countersunk Head Cap Screw
6	3	ANSI B18.3 - No. 4 - 40 - 1/4	Hexagon Socket Head Cap Screw
7	1	ANSI B18.3 - 1/4 - 20 x 0.51	Hexagon Socket Set Screw - Flat Point
8	4	NIL10-3.5	
9	1	ANSI B18.8.2 - 1/4 x 1	Pin - Hardened Ground Production Dowel



Assembled



Bottom Bander Assembly - Left			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-G-0029	Zinc Plated Insert
2	1	1-G-0032	Die Holder
3	1	1-G-0039	Lower Knife
4	1	Die (lower)	
5	3	ANSI B18.3 - No. 10 - 24 - 1/2	Hexagon Socket Flat Countersunk Head Cap Screw
6	3	ANSI B18.3 - No. 4 - 40 - 1/4	Hexagon Socket Head Cap Screw
7	1	ANSI B18.3 - 1/4 - 20 x 0.51	Hexagon Socket Set Screw - Flat Point
8	4	NIL10-3.5	
9	1	ANSI B18.8.2 - 1/4 x 1	Pin - Hardened Ground Production Dowel

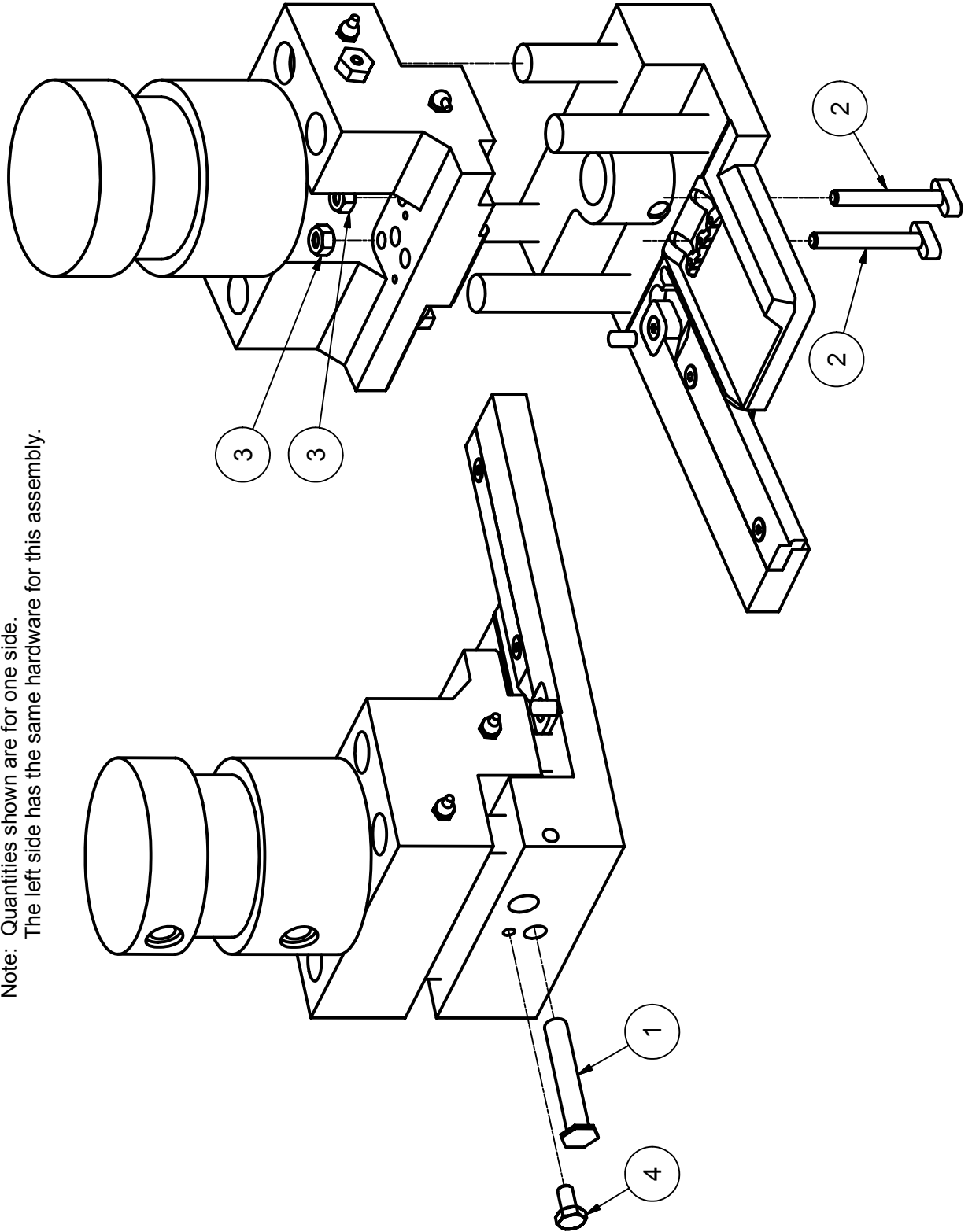


Assembled



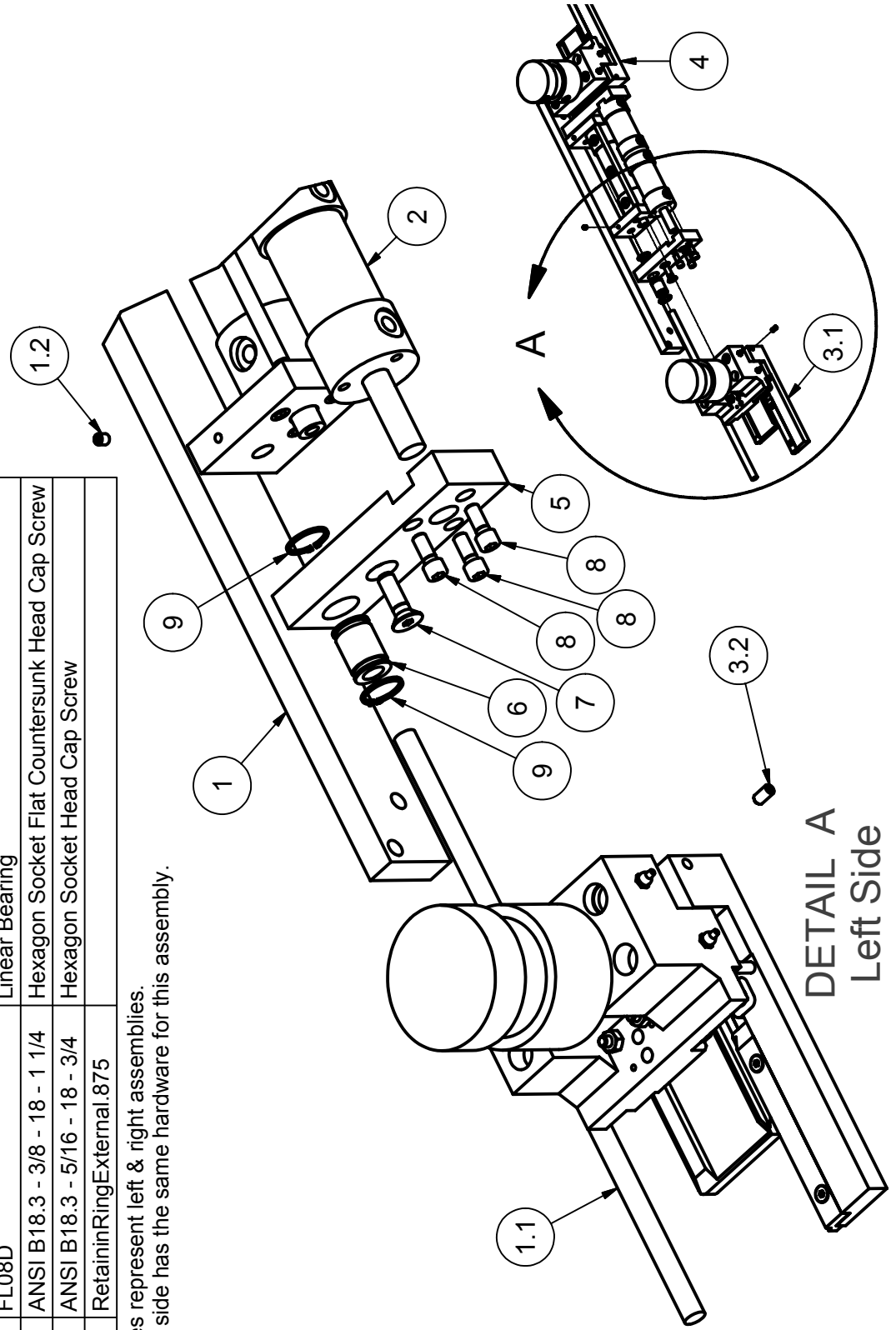
Top & Bottom Bander Assembly		
ITEM	QTY	DESCRIPTION
1	1	1-G-0021
2	2	1-G-0068
3	2	Hex Lock Nut - .25 - 20
4	1	1/4-20 UNC - 0.5
		HexCapScrew/Inch

Note: Quantities shown are for one side.  
The left side has the same hardware for this assembly.



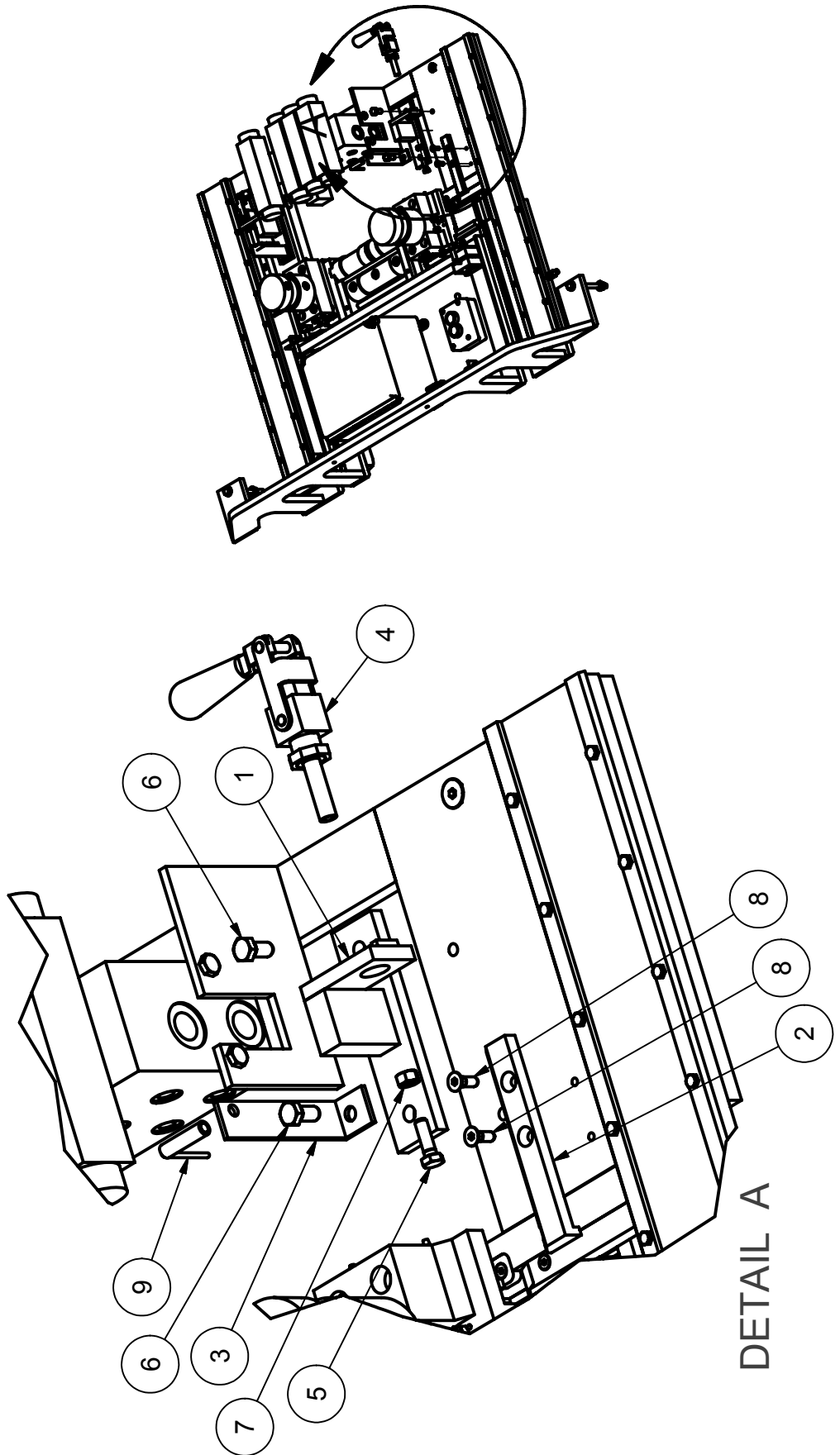
Full Band Guide Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-G-0000H	
1.1	1	NIL08-15.625	0.5" x 15.625" Guide Rod
1.2	2	SetScrew .25-20 UNCx0.3125	
2	2	BandFullCylinder	1.5"Pistonx0.625"Rodx2"Stroke
3.1	1	1-G-Assembly-002	Bander Assembly Left Side
3.2	1	ANSI B18.3 - 1/4 - 20 x 0.51	Hexagon Socket Set Screw - Flat Point
4	1	1-G-Assembly-001	Bander Assembly Right Side
5	2	1-G-0047	
6	2	FL08D	Linear Bearing
7	2	ANSI B18.3 - 3/8 - 18 - 1 1/4	Hexagon Socket Flat Countersunk Head Cap Screw
8	6	ANSI B18.3 - 5/16 - 18 - 3/4	Hexagon Socket Head Cap Screw
9	4	RetaininRingExternal.875	

Note: Quantities represent left & right assemblies.  
The right side has the same hardware for this assembly.



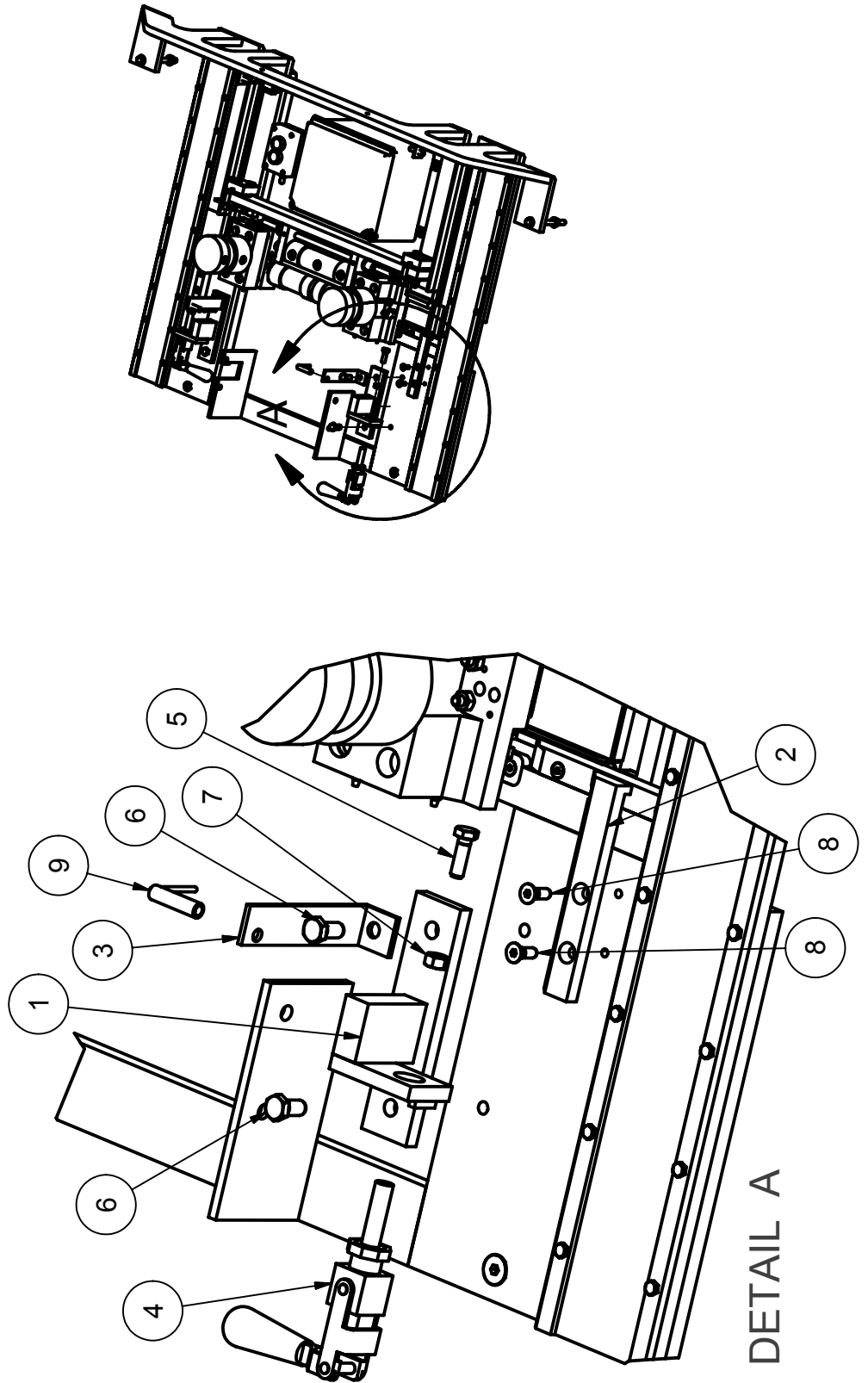


Red Handle Latch & Bander Aligner Assembly - Left		
ITEM	QTY	DESCRIPTION
1	1	1-G-0000K
2	1	1-G-0027
3	1	1-G-0038
4	2	303659-131665
5	2	ANSI B18.2.1 - 5/16 - 18 - 1
6	4	ANSI B18.2.1 - 3/8 - 16 - 3/4
7	2	ANSI B18.2.2 - 5/16 - 18
8	4	ANSI B18.3 - 1/4 - 20 - 3/4
9	6	ReedSwitch

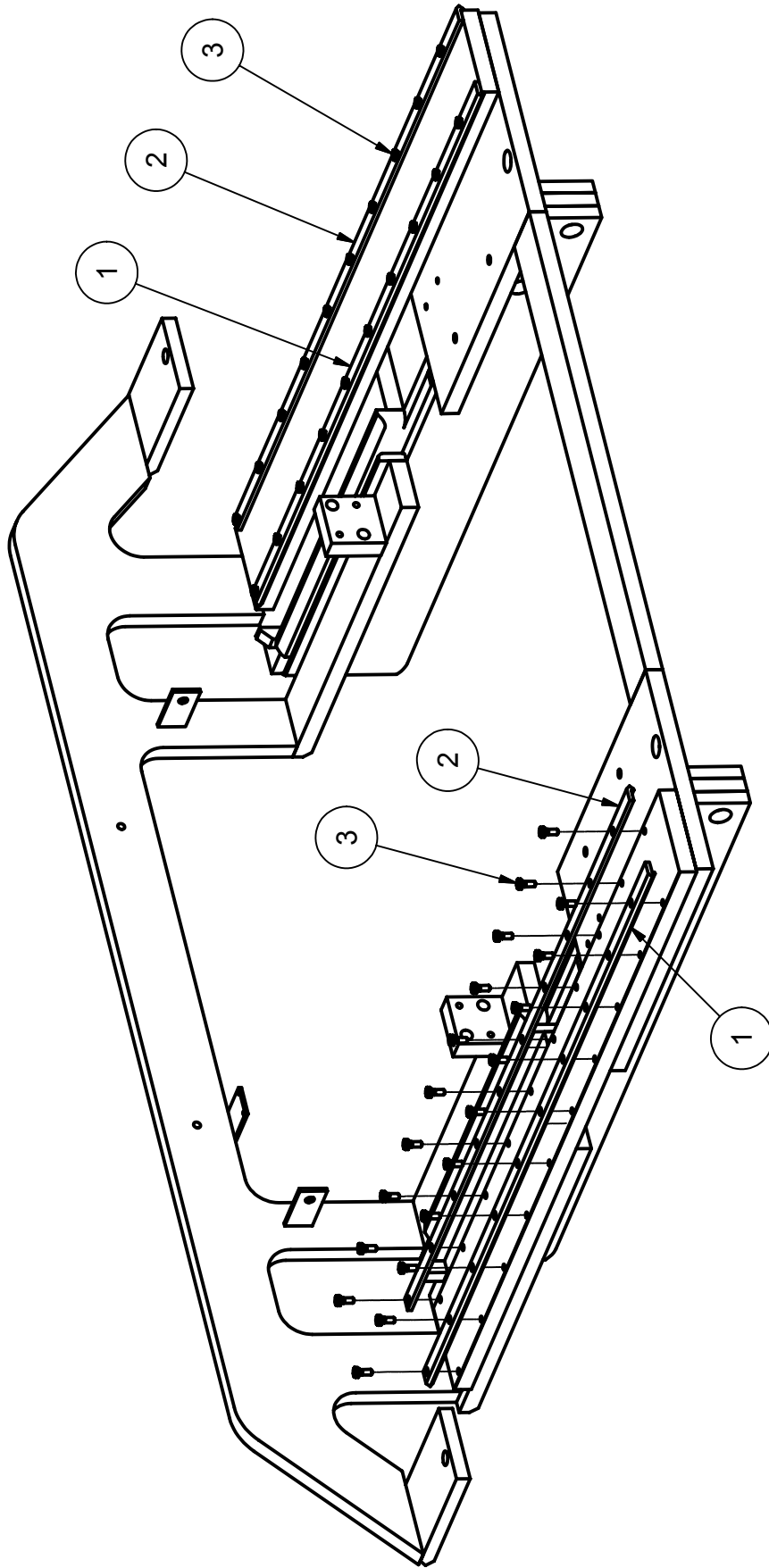




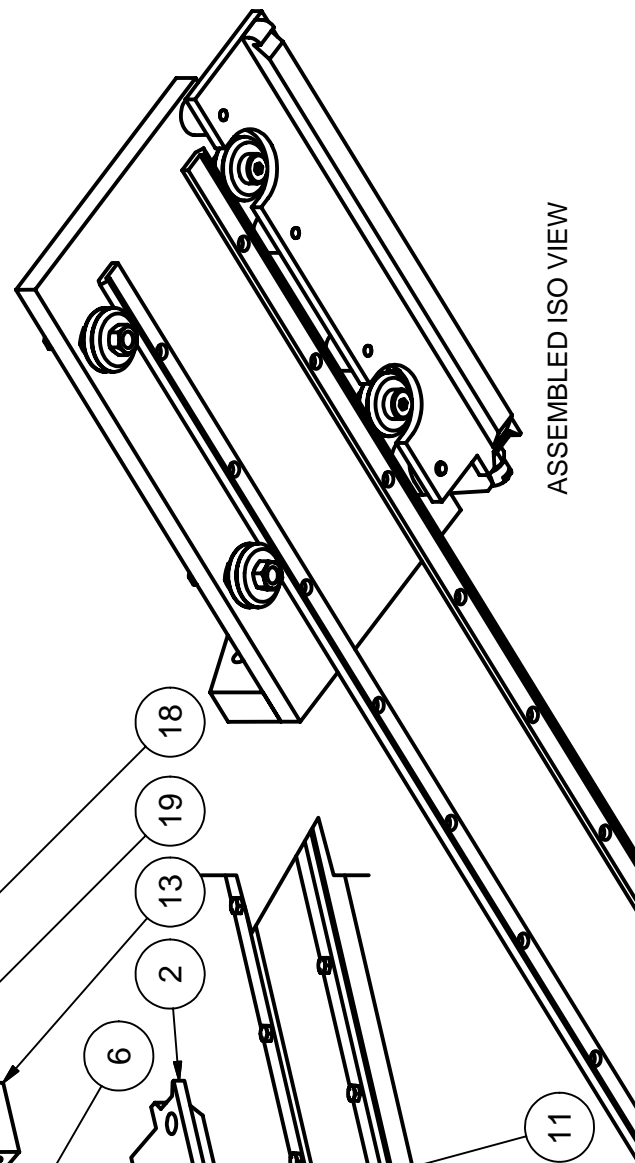
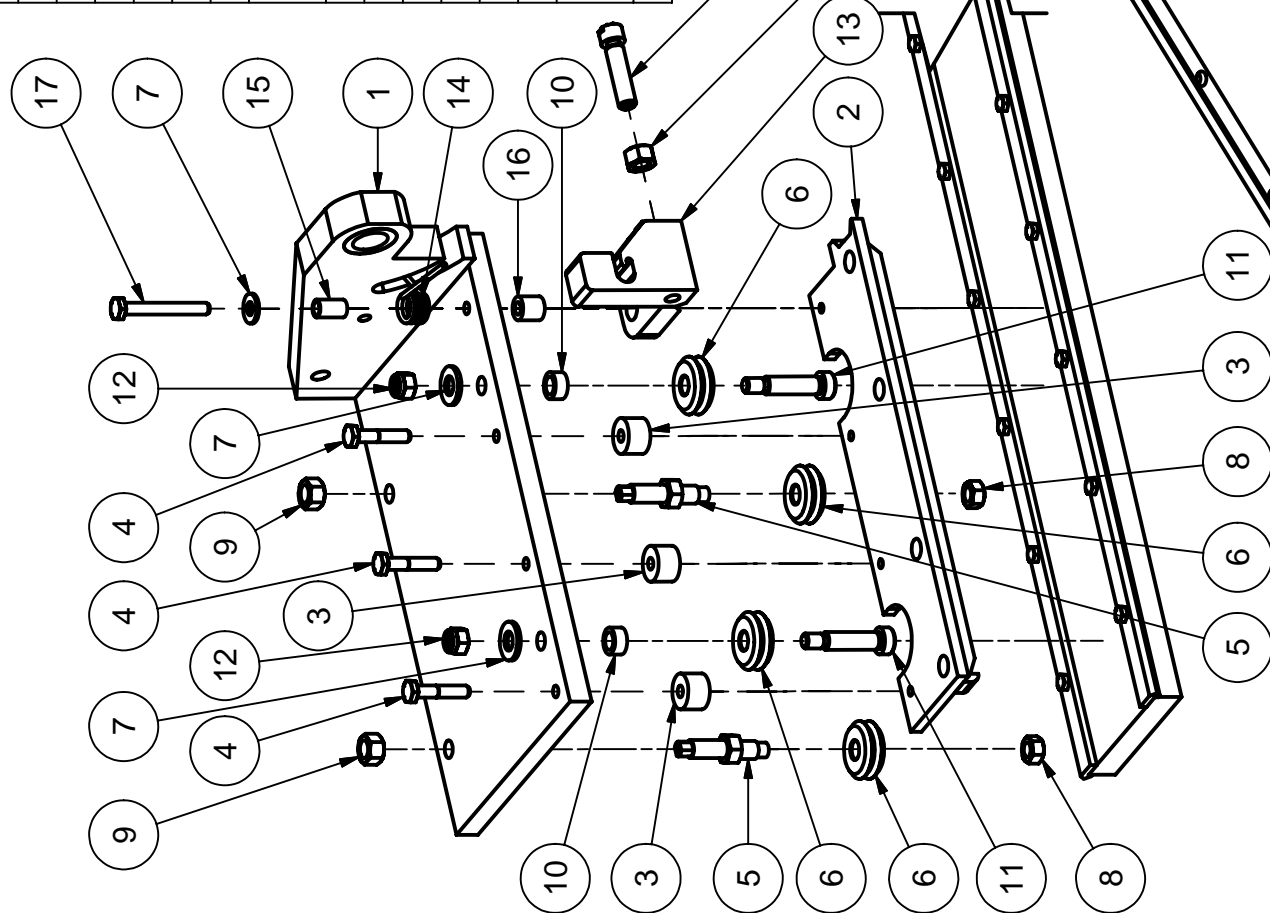
Red Handle Latch & Bander Aligner Assembly - Right		
ITEM	QTY	DESCRIPTION
1	1	1-G-0000L
2	1	1-G-0028
3	1	1-G-0037
4	2	303659-131665
5	2	ANSI B18.2.1 - 5/16 - 18 - 1
6	4	ANSI B18.2.1 - 3/8 - 16 - 3/4
7	2	ANSI B18.2.2 - 5/16 - 18
8	4	ANSI B18.3 - 1/4 - 20 - 3/4
9	6	ReedSwitch



Carrriage Rail Assembly			DESCRIPTION
ITEM	QTY	PART NUMBER	
1	2	1-G-0061	
2	2	1-G-0062	
3	40	Hex Cap Screw - 10 - 24 - .5	



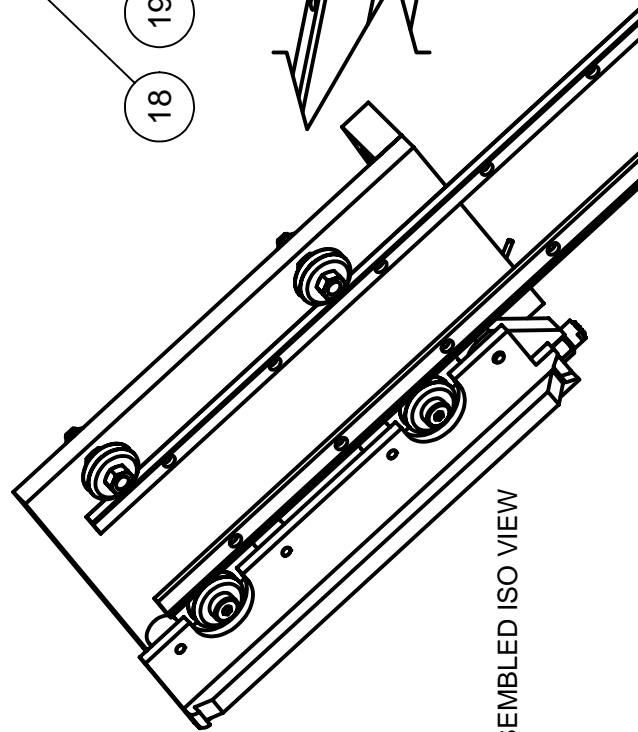
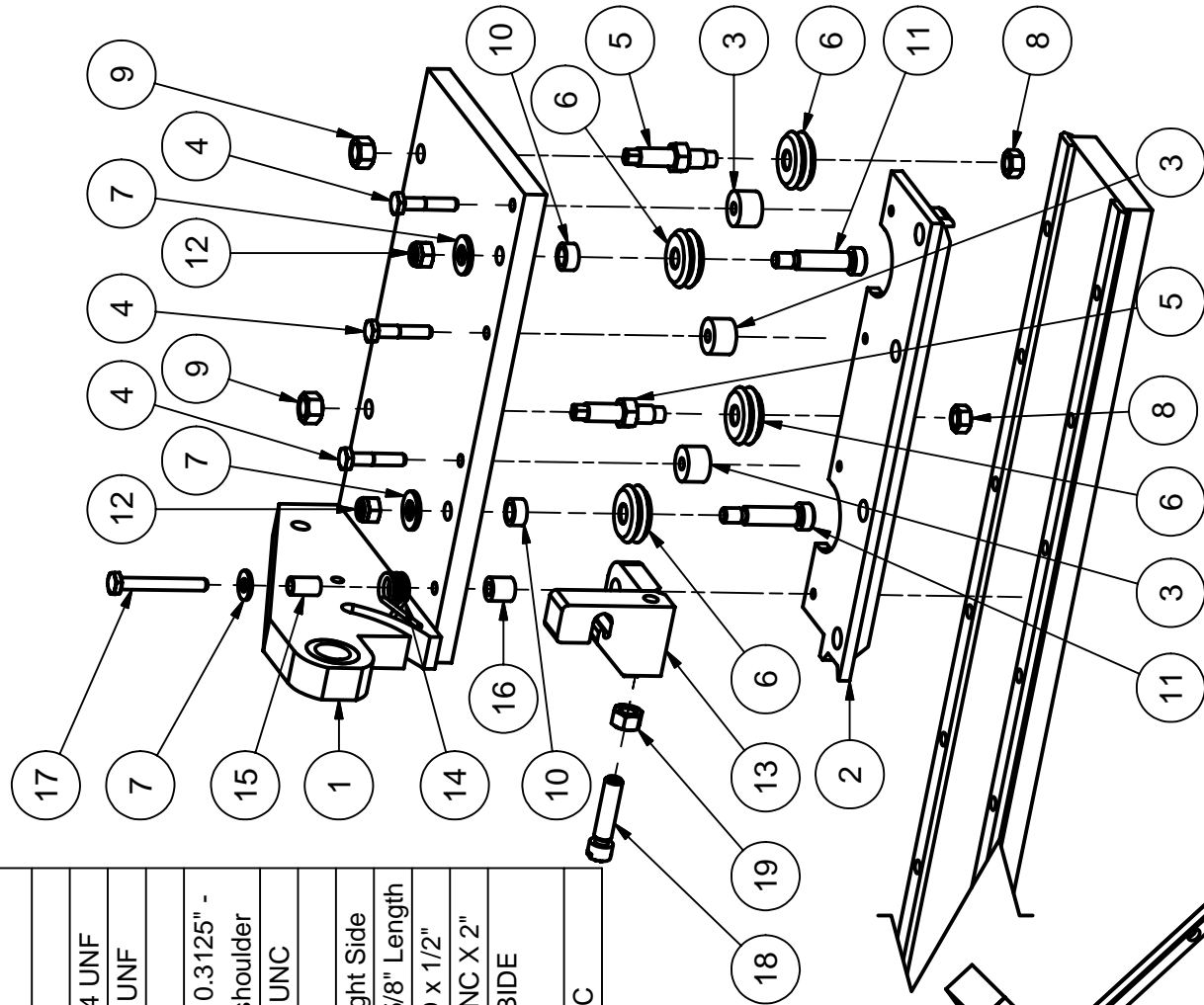
Carriage Assembly - Left		DESCRIPTION
ITEM	QTY	PART NUMBER
1	1	1-G-0000C
2	1	1-G-0000E
3	3	1-G-0023
4	3	1-Z-0019
5	2	1-Y-0130
6	4	1-Y-0150
7	3	1-Z-0116
8	2	1-Z-0218
9	2	1-Z-0164
10	2	1-G-0069
11	2	1-Z-0101
12	2	1-Z-0076
13	1	1-G-0000P
14	1	1-G-0082
15	1	1-M-0184
16	1	1-Y-0535
17	1	1-Z-0021
18	1	1-Y-0601
19	1	1-Z-0257



ASSEMBLED ISO VIEW

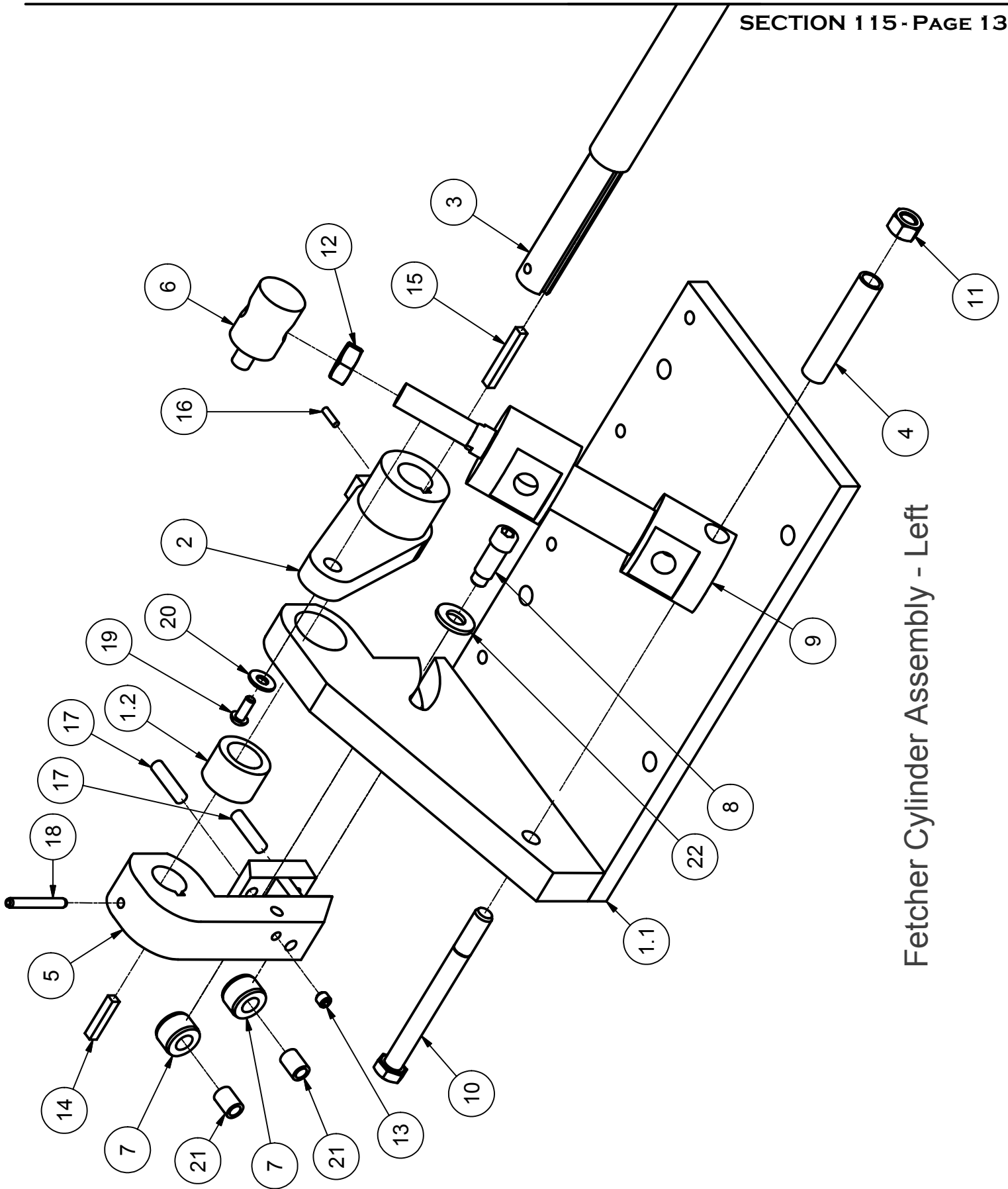


Carriage Assembly - Right		DESCRIPTION
ITEM	QTY	PART NUMBER
1	1	1-G-0000B
2	1	1-G-0000D
3	3	1-G-0023
4	3	1-Z-0019
5	2	1-Y-0130
6	4	1-Y-0150
7	3	1-Z-0116
8	2	1-Z-0218
9	2	1-Z-0164
10	2	1-G-0069
11	2	1-Z-0101
12	2	1-Z-0076
13	1	1-G-0000O
14	1	1-G-0081
15	1	1-M-0184
16	1	1-Y-0535
17	1	1-Z-0021
18	1	1-Y-0601
19	1	1-Z-0257



ASSEMBLED ISO VIEW



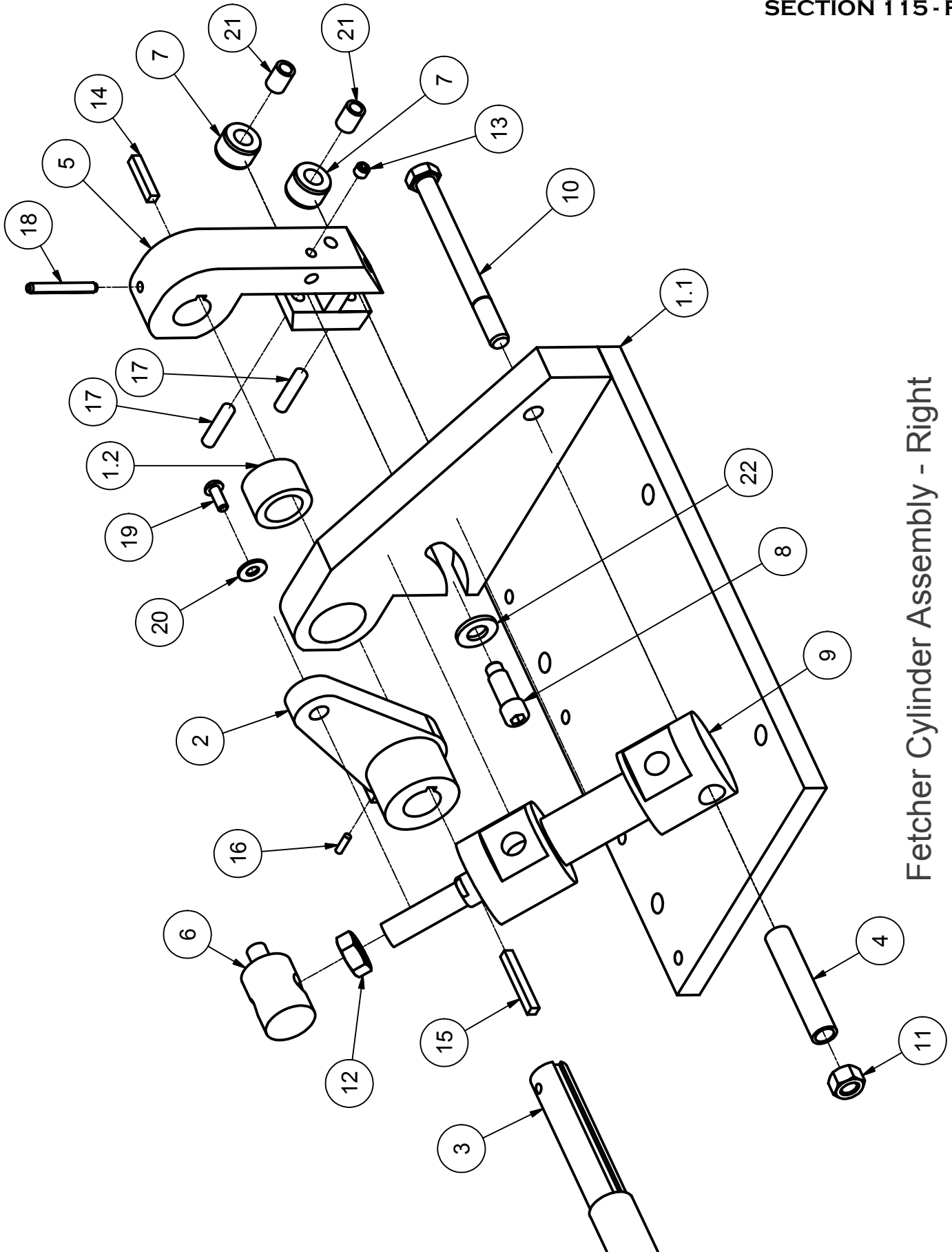


Fetcher Cylinder Assembly - Left



<b>Fetcher Cylidner Assembly - Left</b>			
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>
1.1	1	1-G-0000C	
1.2	1	B1218-6	Brass Bushing ID 0.75", OD 1.125", x 0.75"
2	1	1-G-0000I	
3	1	FetcherCylinder	Piston 1.5", Rod 0.875", Stroke 20"
4	1	1-G-0006	
5	1	1-G-0042	Fetcher - Left
6	1	1-G-0044	
7	2	1-M-0079	
8	1	74112 - Bolt - Shoulder	
9	1	Fetcher Swing Cylinder	Piston 0.75", Rod 0.625", Stroke 1.375"
10	1	ANSIB18.2.1 - 3/8 - 16 - 4	Hex Cap Screw
11	1	Hex Lock Nut - .375 - 16	
12	1	ANSIB18.2.2 - 1/2 - 20	Hex Jam Nut
13	1	ANSIB18.3 - 1/4 - 20 x 0.25	Hexagon Socket Set Screw - Flat Point
14	1	Key .1875 x 1	
15	1	Key .1875 x 1.4375	
16	1	Magnet	
17	2	ANSIB18.8.2 - 1/4 x 1	Pin - Hardened Ground Production Dowel
18	1	ANSIB18.8.2 - 3/16 x 1.1/2	Pin - Slotted Spring
19	1	Slotted Round Head Cap Screw - 10 - 24 - .5	Slotted Round Head Cap Screw - 10 - 24 - .5
20	1	ANSIB18.22.1 - 3/16 - Type A	Washer A
21	2	B46-4	Brass Bushing - ID 0.25", OD 0.375" x 0.5"
22	1	Washer, ANSI A, Normal 3/8"	Type A Plain Washer





**Fetcher Cylinder Assembly - Right**

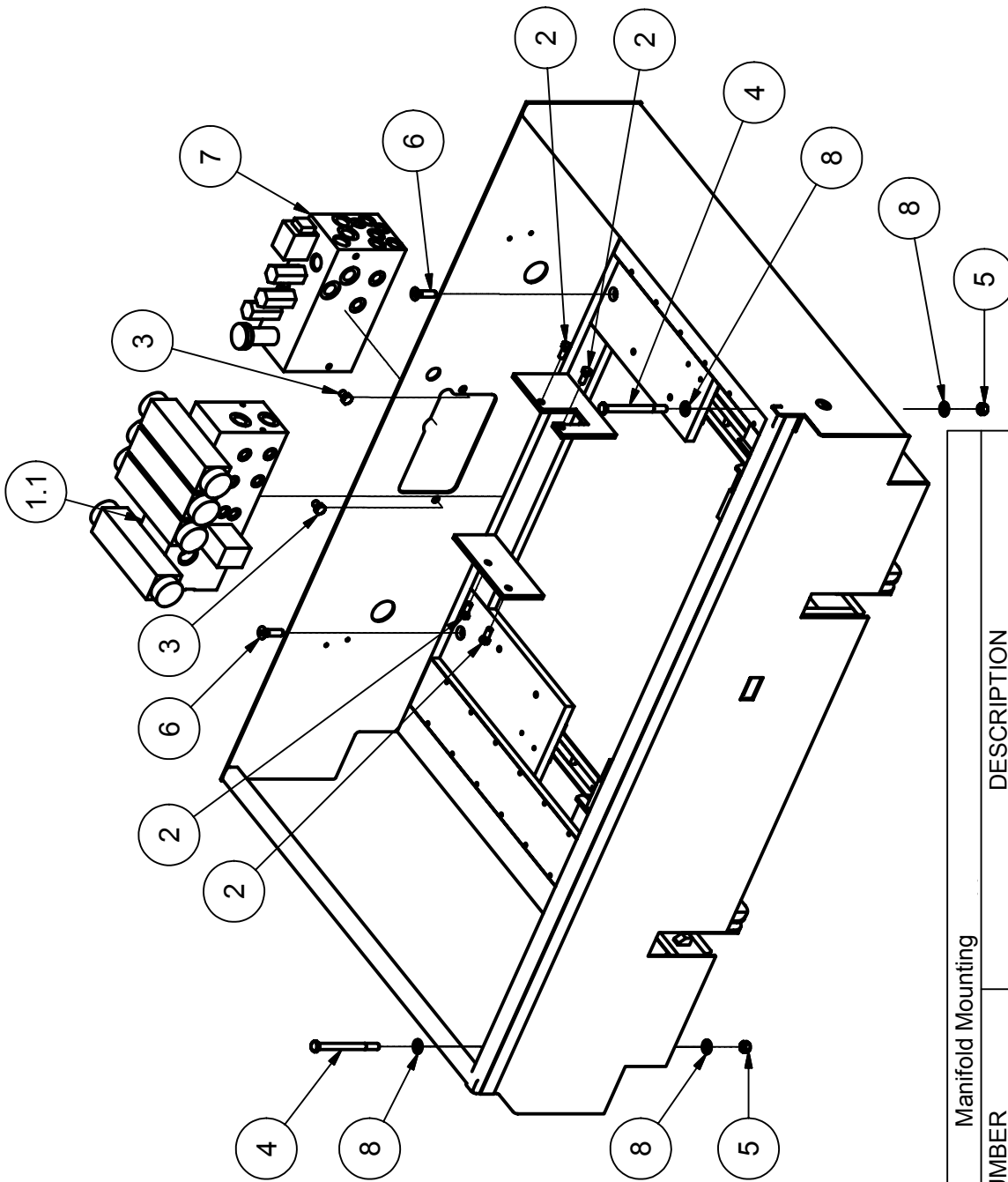




<b>Fetcher Cylinder Assembly - Right</b>			
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>
1.1	1	1-G-0000B	
1.2	1	B1218-6	Brass Bushing ID 0.75", OD 1.125", x 0.75"
2	1	1-G-0000J	
3	1	FetcherCylinder	Piston 1.5", Rod 0.875", Stroke 20"
4	1	1-G-0006	
5	1	1-G-0043	Fetcher - Right
6	1	1-G-0044	
7	2	1-M-0079	
8	1	74112 - Bolt - Shoulder	
9	1	Fetcher Swing Cylinder	Piston 0.75" , Rod 0.625", Stroke 1.375"
10	1	ANSI B18.2.1 - 3/8 - 16 - 4	Hex Cap Screw
11	1	Hex Lock Nut - .375 - 16	
12	1	ANSI B18.2.2 - 1/2 - 20	Hex Jam Nut
13	1	ANSI B18.3 - 1/4 - 20 x 0.25	Hexagon Socket Set Screw - Flat Point
14	1	Key .1875 x 1	
15	1	Key .1875 x 1.4375	
16	1	Magnet1	
17	2	ANSI B18.8.2 - 1/4 x 1	Pin - Hardened Ground Production Dowel
18	1	ANSI B18.8.2 - 3/16 x 1.1/2	Pin - Slotted Spring
19	1	Slotted Round Head Cap Screw - 10 - 24 - .5	Slotted Round Head Cap Screw - 10 - 24 - .5
20	1	ANSI B18.22.1 - 3/16 - Type A	Washer A
21	2	B46-4	Brass Bushing - ID 0.25", OD 0.375" x 0.5"
22	1	Washer, ANSIA, Normal 3/8"	Type A Plain Washer

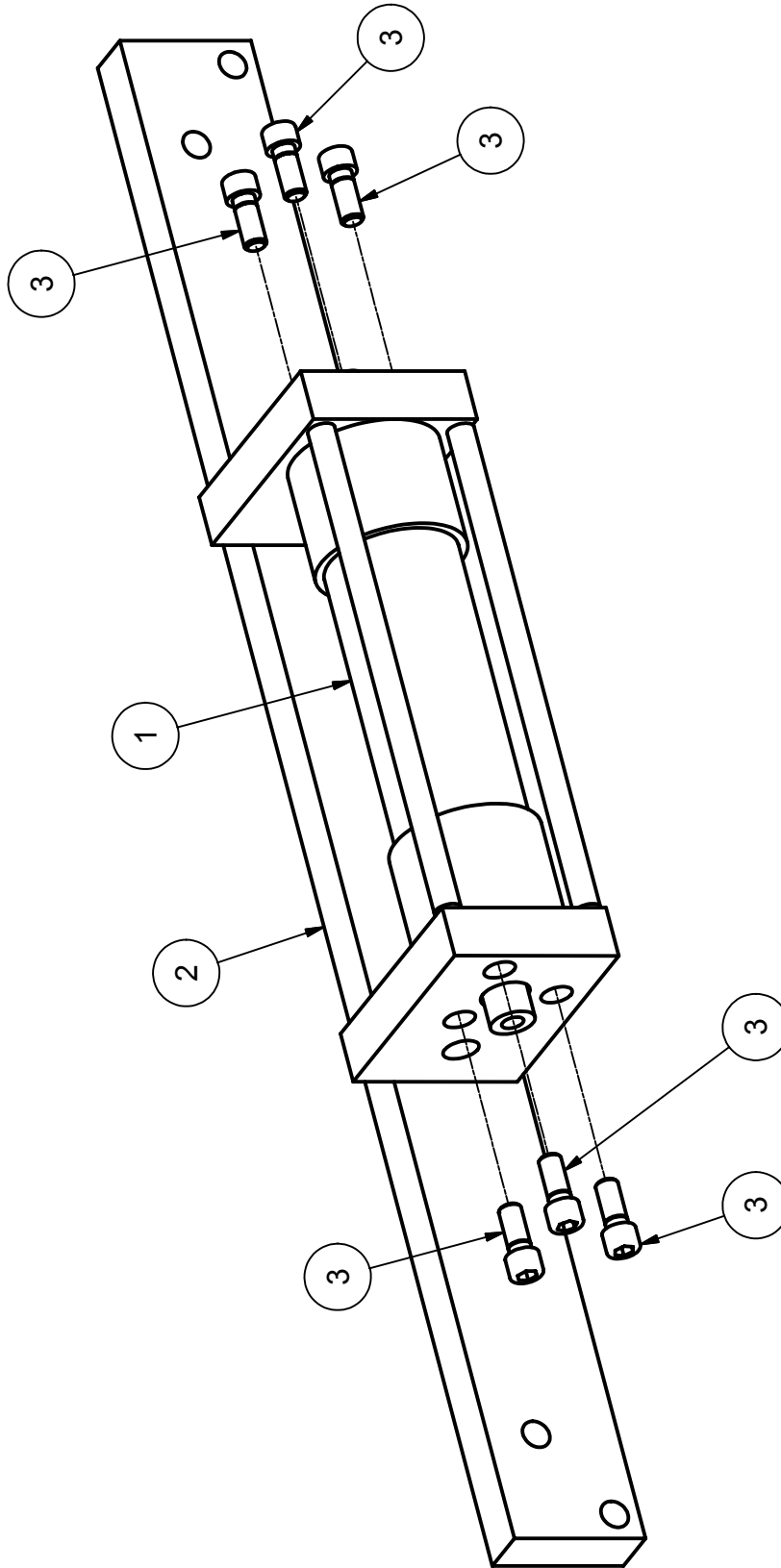






Manifold Mounting			
ITEM	QTY	PART NUMBER	DESCRIPTION
1.1	1	Manifold102	
2	4	ANSI B18.2.1 - 5/16 - 18 - 3/4	Hex Cap Screw
3	2	ANSI B18.2.1 - 3/8 - 16 - 1/2	Hex Cap Screw
4	2	ANSI B18.2.1 - 3/8 - 16 - 4 1/2	Hex Cap Screw
5	2	Hex Lock Nut - .375 - 16	
6	2	ANSI B18.3 - 3/8 - 18 - 1 1/2	Hexagon Socket Flat Countersunk Head Cap Screw
7	1	Manifold103	
8	4	ANSI B18.22.1 - 3/8 - narrow - Type A	Washer A





Mid Band Cylinder Mounting			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BandMidCylinder	Piston 1.5", Rod 0.625", Stroke 1.25"
2	1	1-G-0000H	
3	6	ANSI B18.3 - 5/16 - 18 - 3/4	Hexagon Socket Head Cap Screw



# **BALE BAND-IT PARTS**

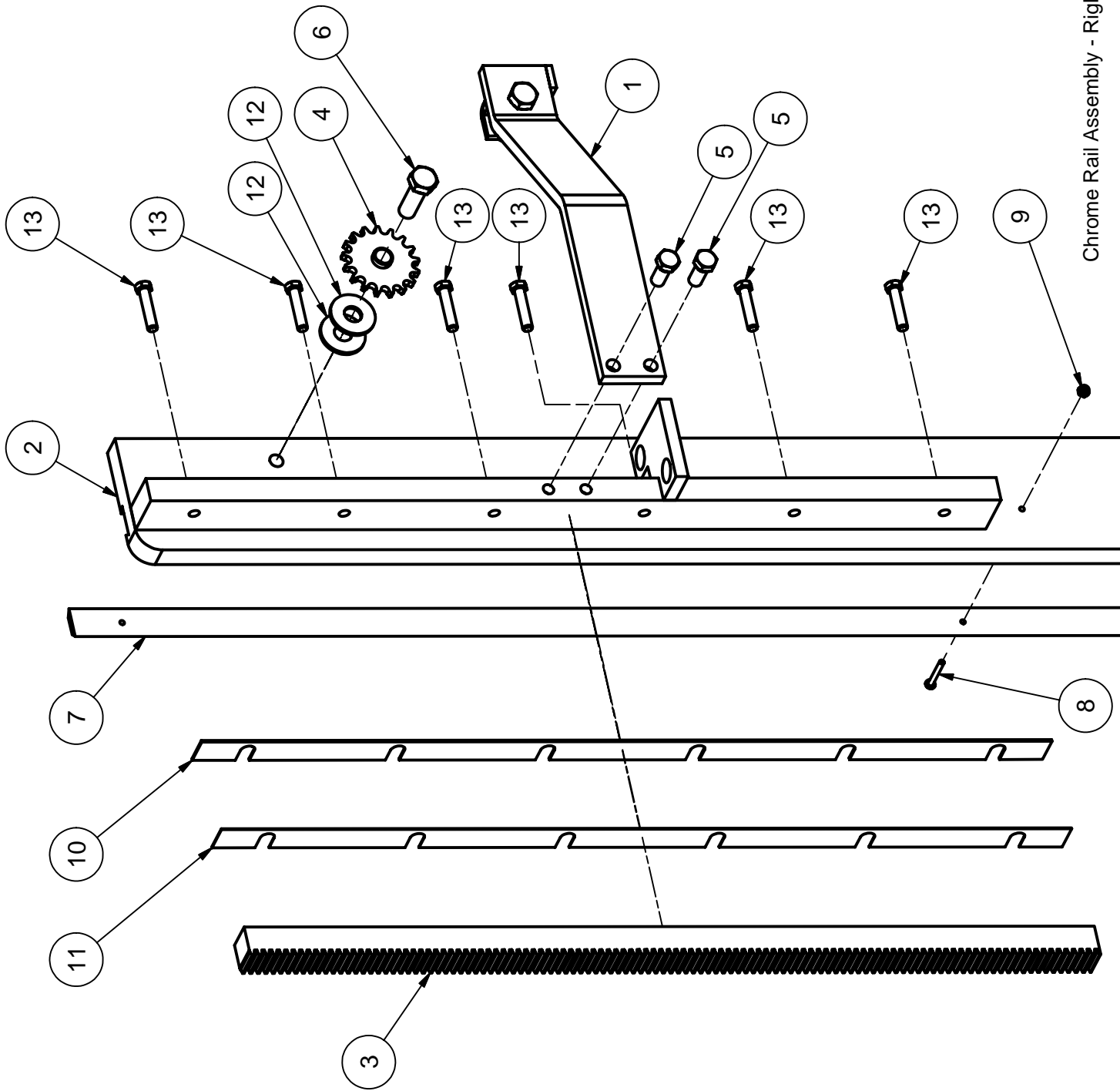
## **CHROME RAIL SECTION 120**

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<b>1-M-0000N ASSEMBLY</b>	<b>6</b>
<b>1-M-0000M ASSEMBLY</b>	<b>7</b>
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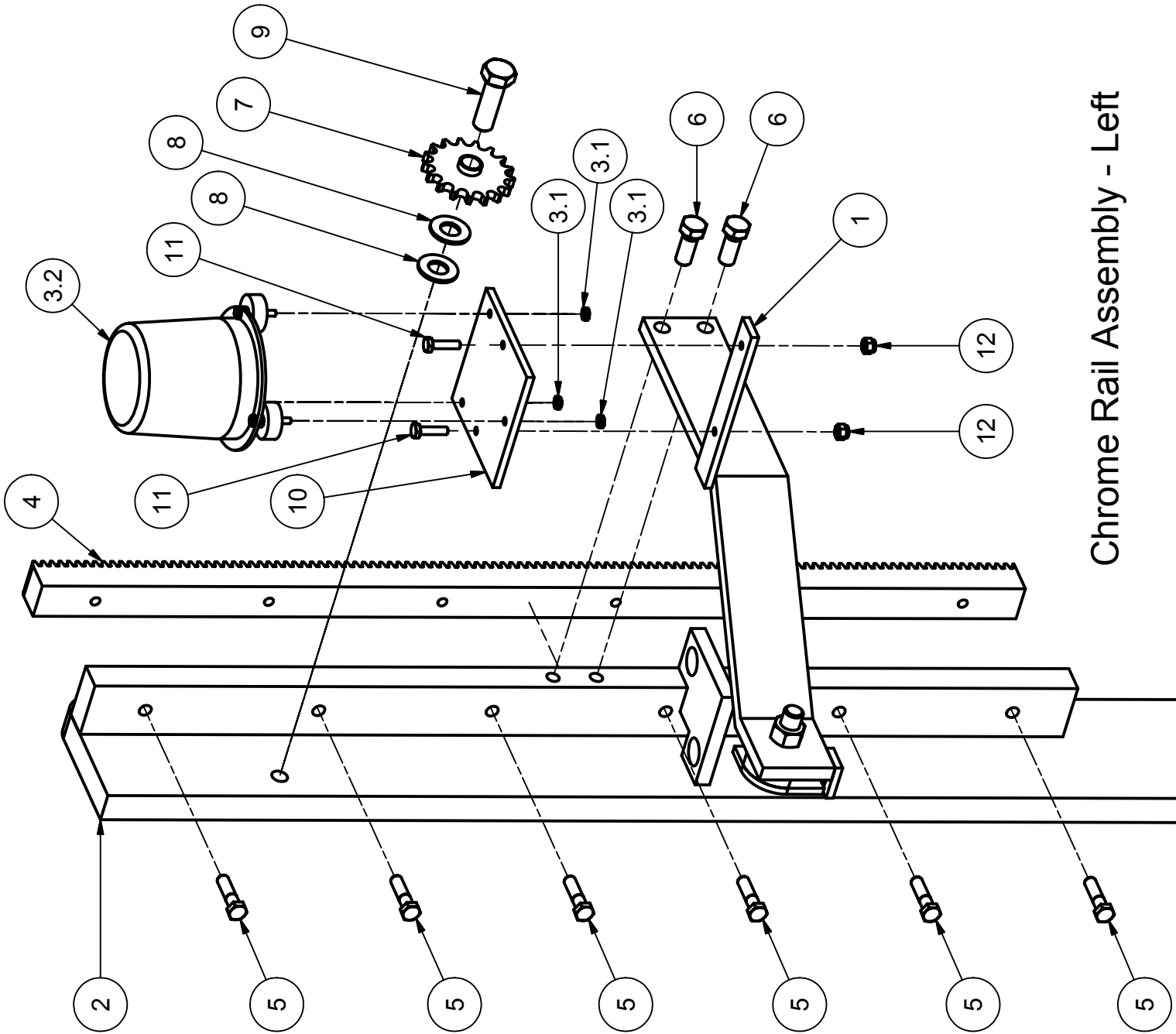


Chrome Rail Assembly - Right



Chrome Rail Assembly - Right			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-M-0000N	Arm Weldment for Chrome Rail Right
2	1	1-M-0000R	Chrome Rail Right Weldment
3	1	1-M-0071	Rack
4	1	1-Y-0113	Idler sprocket #40, 17 Teeth : 5/8" ID
5	2	1-Z-0040	Hex Cap Screw, 0.5" - 13 UNC X 1.25", GRD 5
6	1	1-Z-0050	Hex cap screw, 0.625" - 11 UNC x 2", GRD 5
7	1	1-X-ASSEMBLY-001	Sensor Bar, Hall Effect - Epoxy
8	1	1-Z-0090	Slotted Round Head Cap Screw, #10 - 24 UNC X 1.5"
9	1	1-Z-0074	Nylon Lock Nut, #10 - 24 UNC
10	1	1-M-0146	Rack Shim, 14 ga (.074")
11	1	1-M-0147	Rack Shim, 20 ga (.0375")
12	2	1-Z-0119	Washer, Flat Normal 0.625"
13	6	1-Z-0149	Hex Cap Screw, 0.375" - 16 UNC x 1.75" Grade 5



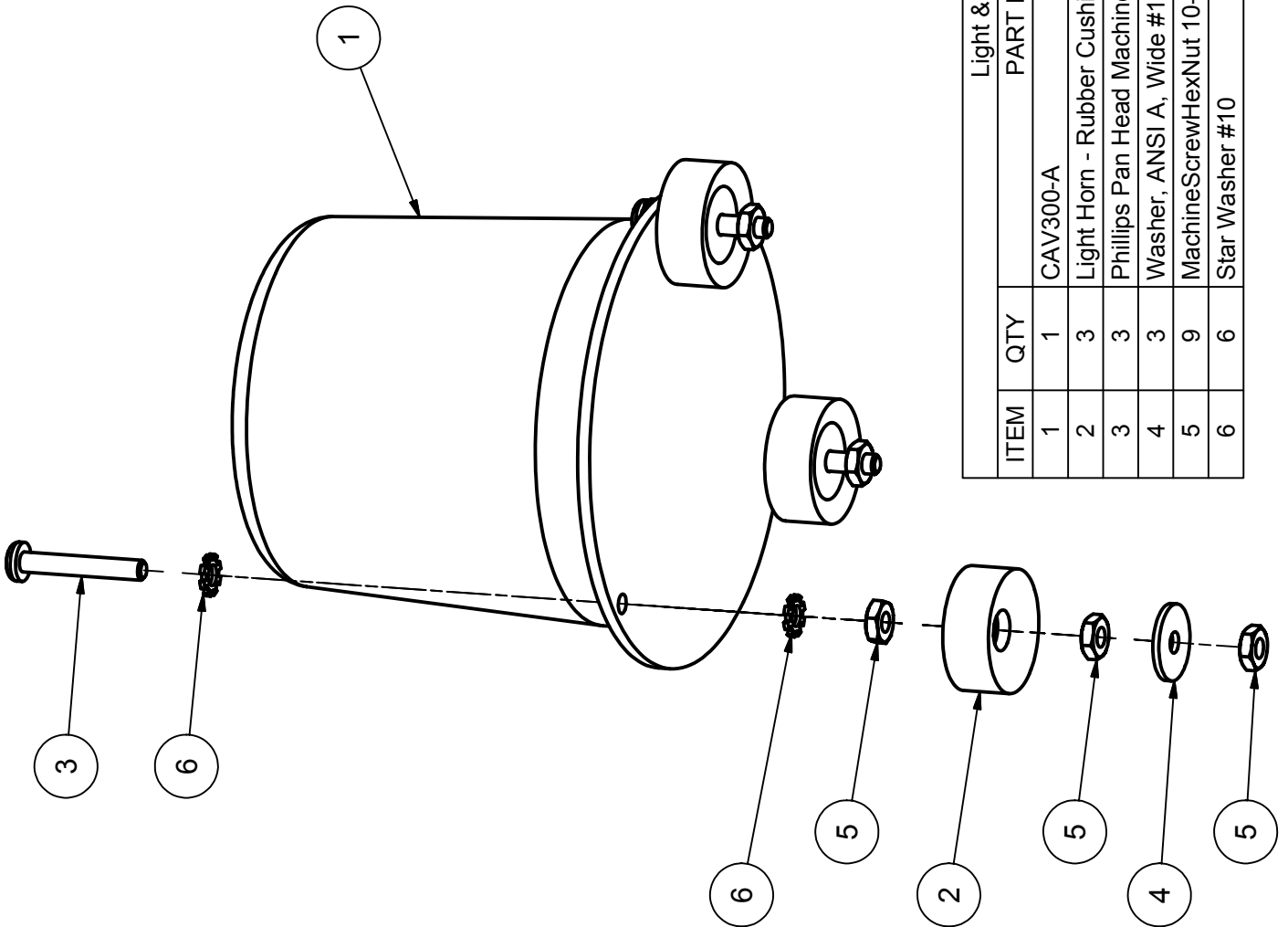


**Chrome Rail Assembly - Left**



Chrome Rail Assembly - Left			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	M-M Assembly	
2	1	M-S Weldment	Chrome Rail - Left
3.1	3	MachineScrewHexNut 10-24 UNC	
3.2	1	CAV300-A	Light Horn Assembly
3.6		Star Washer #10	
4	1	1-M-0071	Rack
5	6	ANSI B18.2.1 - 3/8 - 16 - 1 1/2	Hex Cap Screw
6	2	ANSI B18.2.1 - 1/2 - 13 - 1 1/4	Hex Cap Screw
7	1	04017E10	
8	2	ANSI B18.22.1 - 5/8 - narrow - Type A	Washer A
9	1	5/8-11 UNC - 2	HexCapScrewInch
10	1	1-M-0115	
11	2	1/4-20 UNC - 1	HexCapScrewInch
12	2	Nylock Nut	1/4 Std NC Nylock Nut

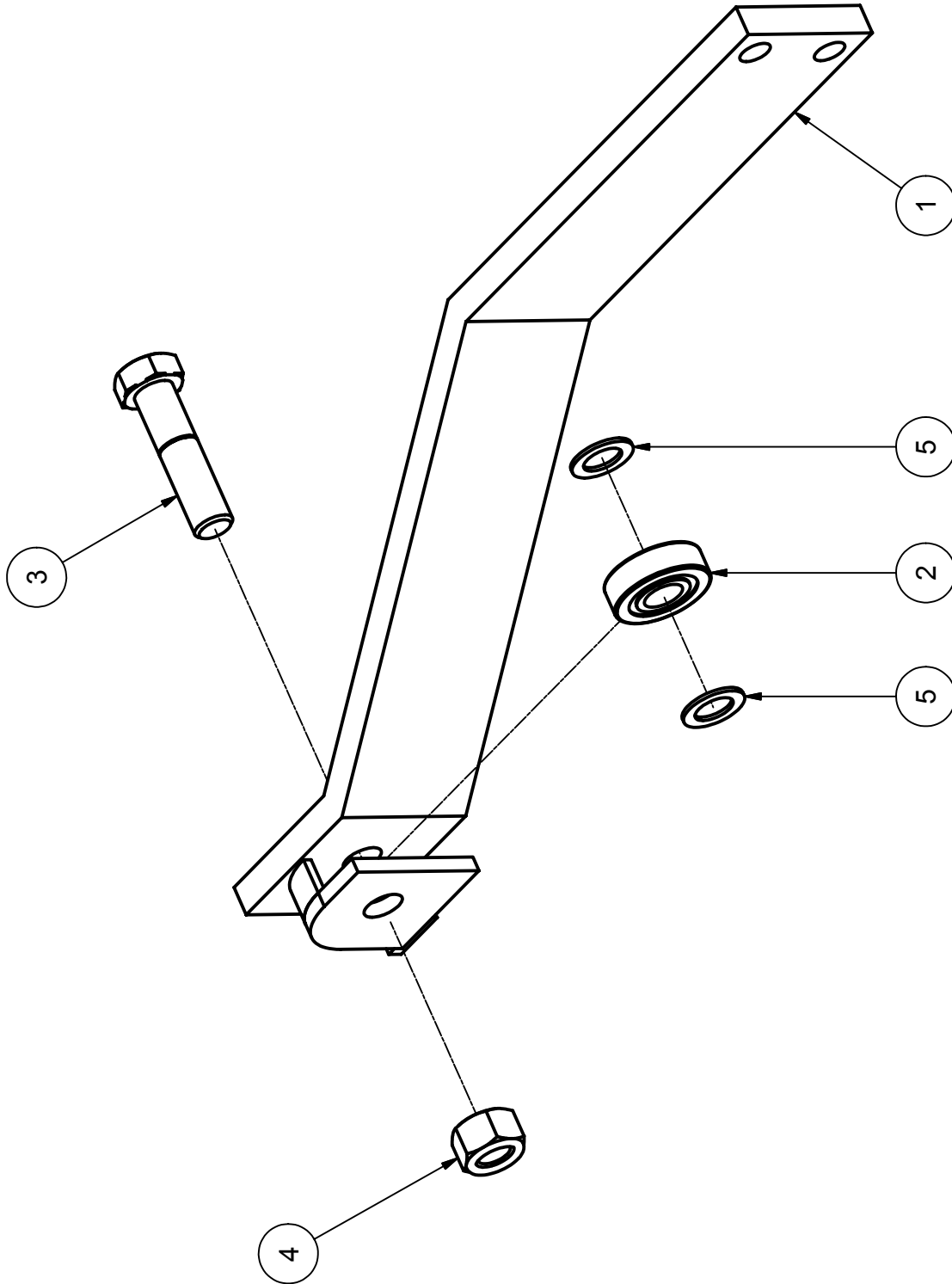




Light & Horn Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CAV300-A	Light & Horn
2	3	Light Horn - Rubber Cushion	
3	3	Phillips Pan Head Machine Screw 10-24 UNCx1.25	
4	3	Washer, ANSI A, Wide #10	Type B Plain Washer
5	9	MachineScrewHexNut 10-24 UNC	
6	6	Star Washer #10	

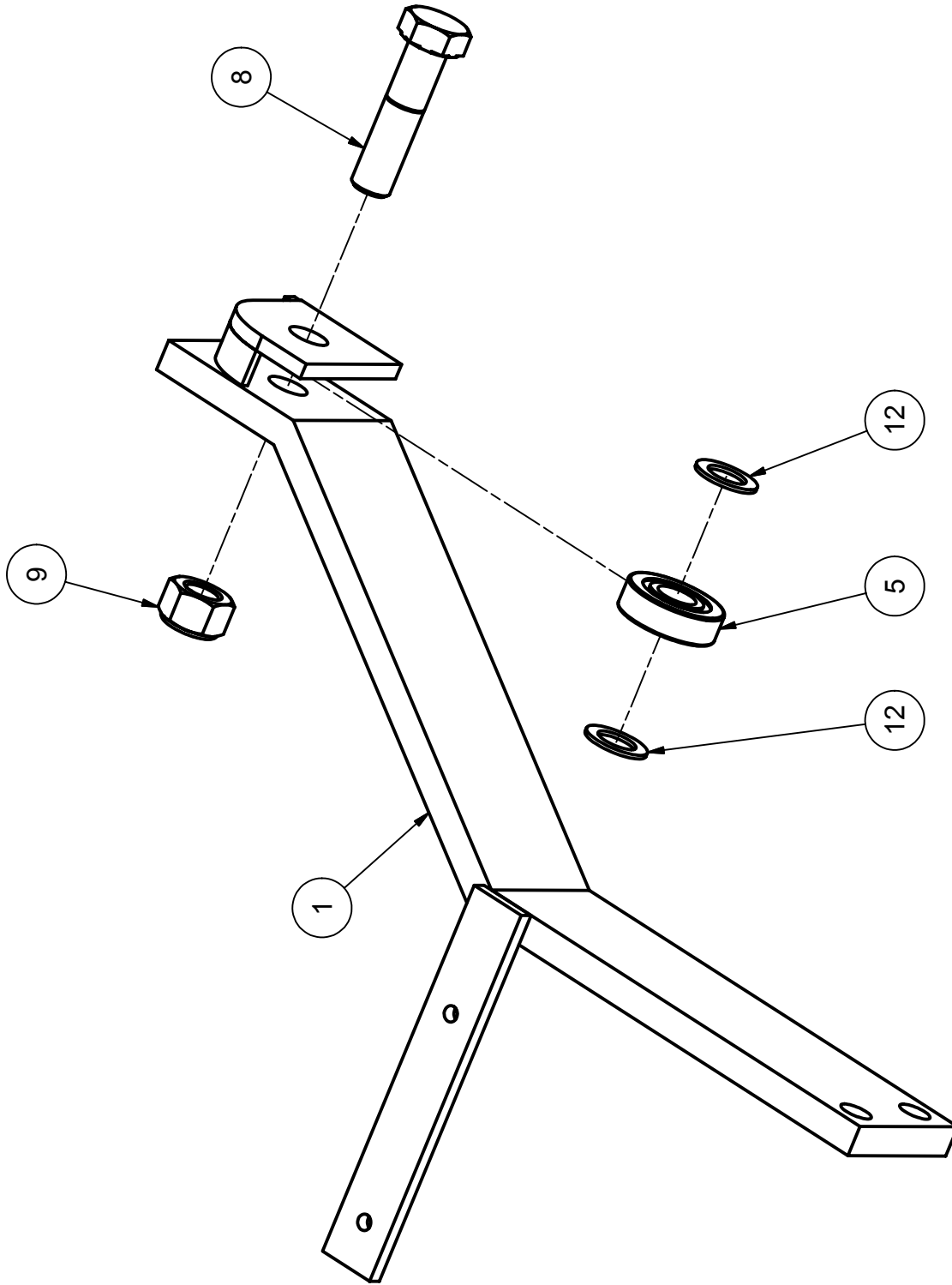






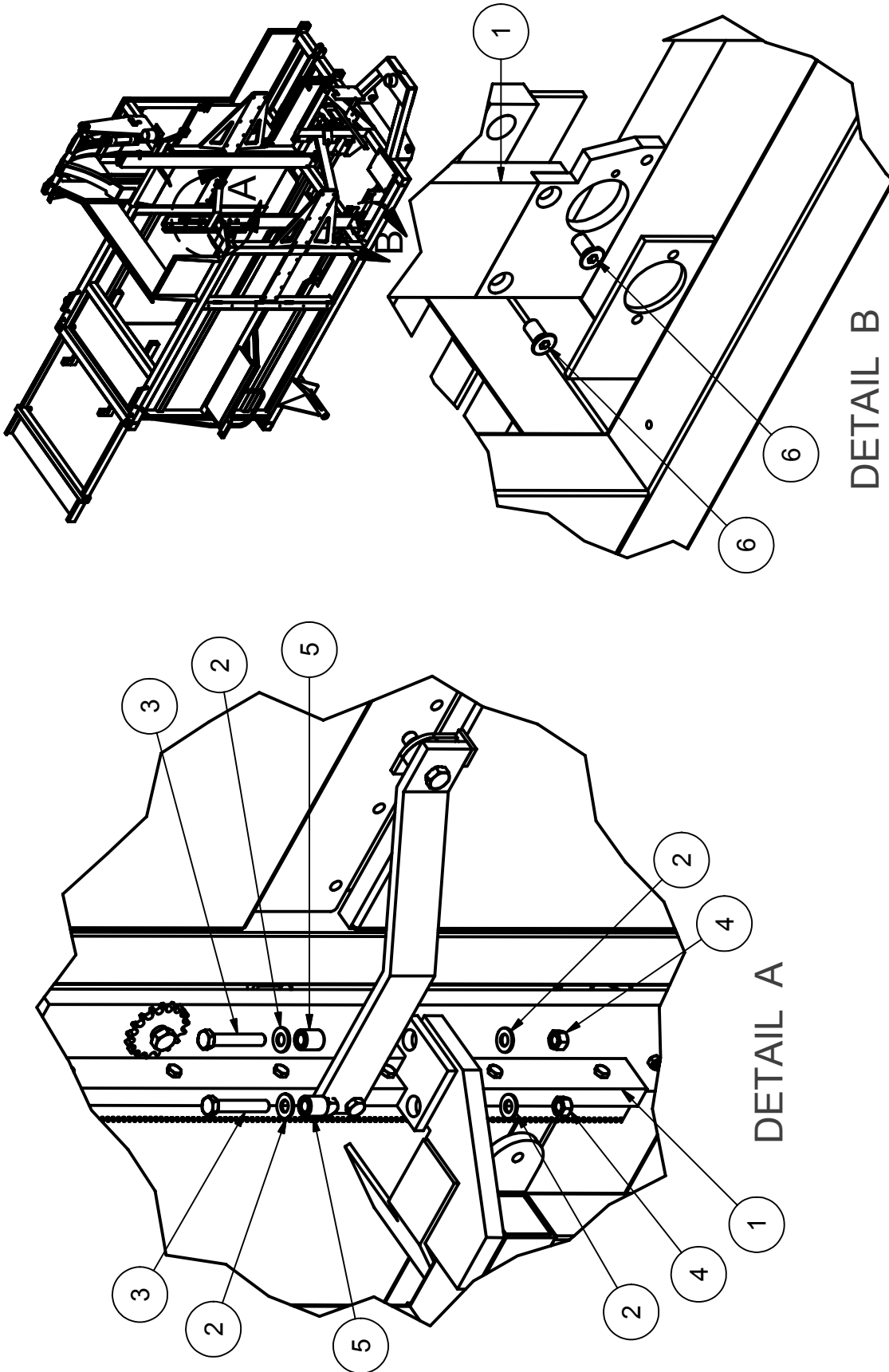
1-M-0000N Assembly				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	M-N Weldment		
2	1	6203-2RS-10	0.625"IDx1.5748"ODx0.4724"	
3	1	ANSI B18.2.1 - 5/8 - 11 - 2 1/2	Hex Cap Screw	
4	1	Hex Lock Nut - .625 - 11		
5	2	3088A468	0.625"IDx1.0"ODx0.062"	





1-M-0000M Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	M-M Weldment	
5	1	6203-2RS-10	0.625"IDx1.5748"ODx0.4724"
8	1	ANSI B18.2.1 - 5/8 - 11 - 2 1/2	Hex Cap Screw
9	1	Hex Lock Nut - .625 - 11	
12	2	3088A468	0.625"IDx1.0"ODx0.062"





Chrome Rail Attachment - Right			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-M-RAssembly	
2	4	1-Z-0118	Washer, Flat Normal 1/2"
3	2	1-Z-0046	Hex Cap Screw 1/2"-13 UNC x 3" Grade 5
4	2	1-Z-0078	Nylon Lock Nut, 1/2" - 13 UNC
5	2	1-M-0156	0.5" ID x 0.875" OD x 1"
6	2	1-Z-0010	FHMS 1/2-13 UNCx1

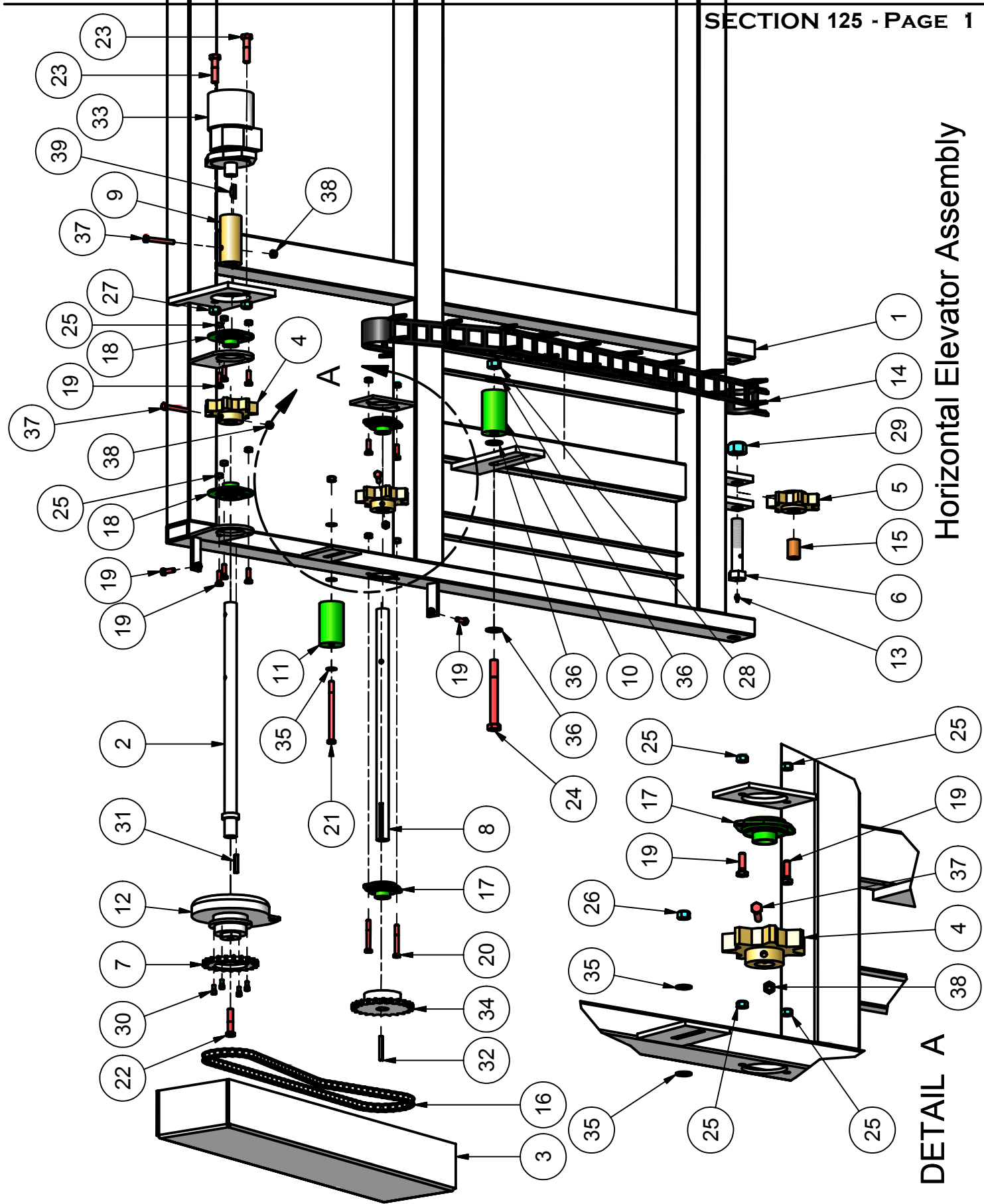


# **BALE BAND-IT PARTS**

## **ELEVATOR SECTION 125**

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Horizontal Elevator Assembly

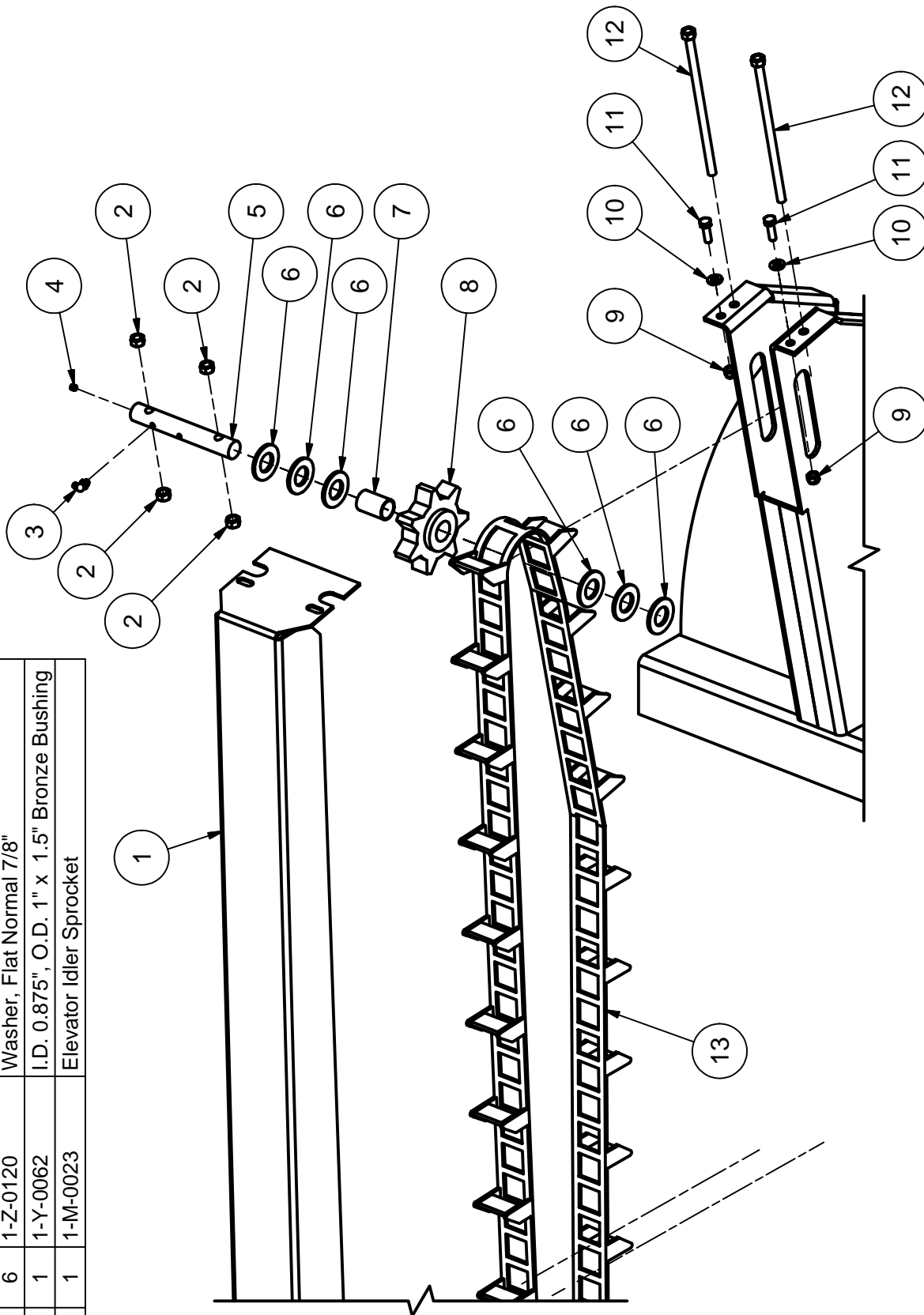
DETAIL A

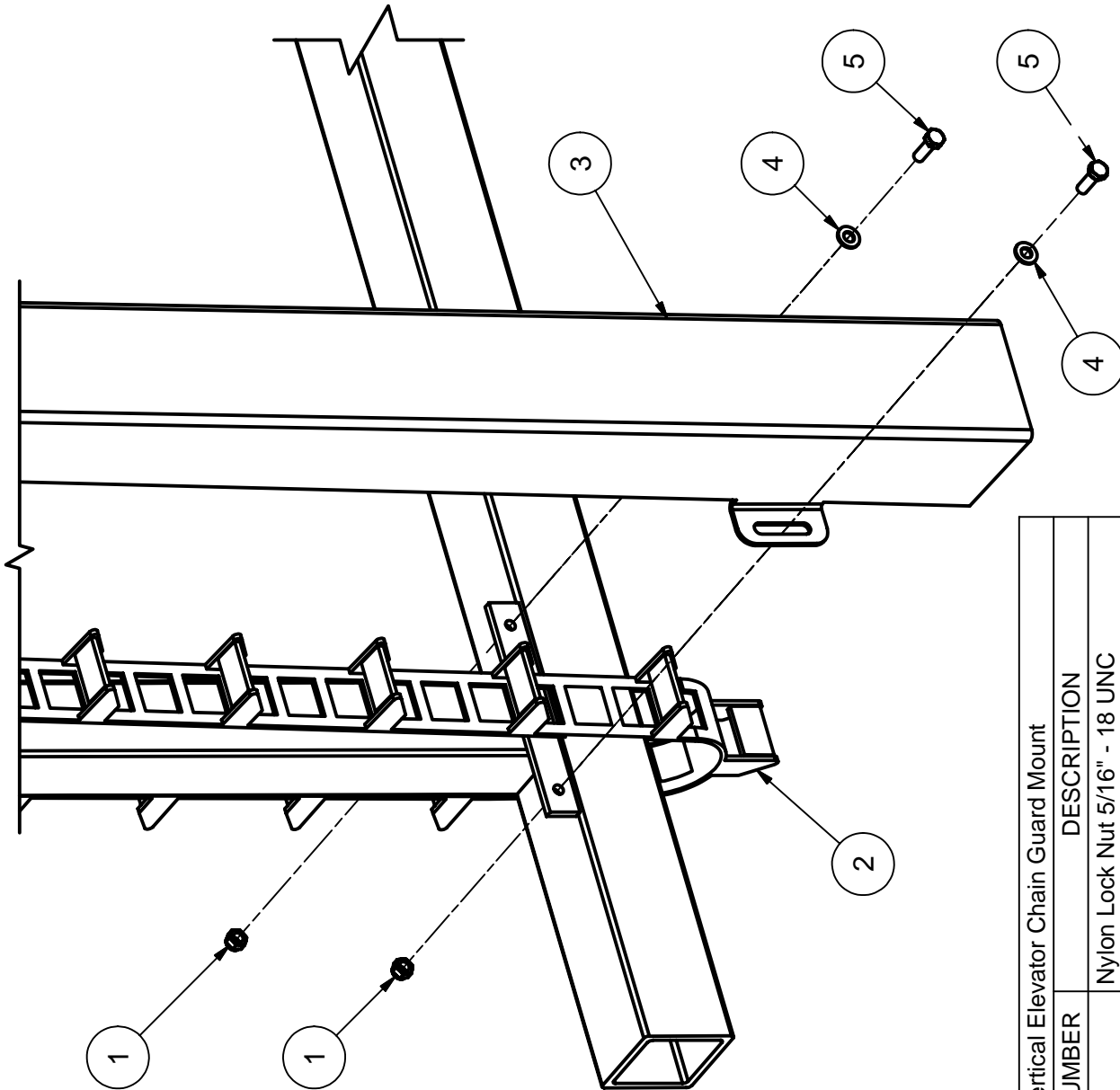


Horizontal Elevator Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-O-0000P	Chassis Weldment
2	1	M-P Weldment	
3	1	1-M-0007	Elevator Chain Guard
4	2	1-M-0022	Elevator Drive Sprocket
5	1	1-M-0023	Elevator Idler Sprocket
6	1	1-M-0024	
7	1	1-M-0027	
8	1	1-M-0032	
9	1	1-M-0037	
10	1	1-M-0053	Chain Tightener
11	1	1-M-0054	Chain Tightener
12	1	5218-74	
13	1	58790 - Grease Zerk - Straight	
14	1	62-53-HB4-18	
15	1	B1416-12	I.D. 0.875", O.D. 1" x 1.5" Bronze Bushing
16	1	#50 chain	
17	2	FHSPFLZ205-16	2 Hole Mount
18	2	FHSPFZ205-16	3 Hole Mount
19	10	ANSI B18.2.1 - 5/16 - 18 - 1	Hex Cap Screw
20	2	ANSI B18.2.1 - 5/16 - 18 - 2 1/2	Hex Cap Screw
21	1	ANSI B18.2.1 - 3/8 - 16 - 5	Hex Cap Screw
22	1	ANSI B18.2.1 - 7/16 - 20 - 2	Hex Cap Screw
23	2	ANSI B18.2.1 - 1/2 - 13 - 2	Hex Cap Screw
24	1	ANSI B18.2.1 - 5/8 - 11 - 5 1/2	Hex Cap Screw
25	10	Hex Lock Nut - .3125 - 18	
26	1	Hex Lock Nut - .375 - 16	
27	2	Hex Lock Nut - .5 - 13	
28	1	Hex Lock Nut - .625 - 11	
29	1	Hex Lock Nut - .875 - 9	
30	4	ANSI B18.3 - 1/4 - 20 - 1/2	Hexagon Socket Head Cap Screw
31	1	Key .25 x 1.5	
32	1	Key .25 x 2	
33	1	MG060610 AAAA	Elevator Motor
34	1	PM5024	
35	3	ANSI B18.22.1 - 3/8 - narrow - Type A	Washer A
36	3	ANSI B18.22.1 - 5/8 - narrow - Type A	Washer A
37	3	5/16-18 UNC - 2.5	HexCapScrewInch
38	3	Nylock Nut	5/16 Std NC Nylock Nut
39	1	Woodruff Key 0.25	



Vertical Elevator Assembly		Vertical Elevator Assembly	
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-M-0018	Vertical Elevator Chain Guard
2	4	1-Z-0070	Nut, Hex Regular 3/8-16 UNC
3	1	1-Z-0014	1/4 UNF 90deg Zerk
4	1	1-Z-0103	Socket set screw flat point 0.25-20 UNC x 0.25
5	1	1-M-0045	Washer, Flat Normal 7/8"
6	6	1-Z-0120	I.D. 0.875", O.D. 1" x 1.5" Bronze Bushing
7	1	1-Y-0062	Elevator Idler Sprocket
8	1	1-M-0023	Elevator Idler Sprocket
9	2	1-Z-0076	Nylon Lock Nut 5/16" - 18 UNC
10	2	1-Z-0115	Washer, Flat Normal 5/16"
11	2	1-Z-0210	Hex Cap Screw, 5/16" - 18 UNC - 1"
12	2	1-M-0000X	3/8"-16 x 8.5" All Thread
13	1	1-M-0000Z	Vertical Elevator Chain 105 links





Lower Vertical Elevator Chain Guard Mount		DESCRIPTION
ITEM	QTY	PART NUMBER
1	2	1-Z-0076 Nylon Lock Nut 5/16" - 18 UNC
2	1	1-M-0000Z Vertical Elevator Chain 105 links
3	1	1-M-0018 Vertical Elevator Chain Guard
4	2	1-Z-0115 Washer, Flat Normal 5/16"
5	2	1-Z-0210 Hex Cap Screw, 5/16" - 18 UNC - 1"

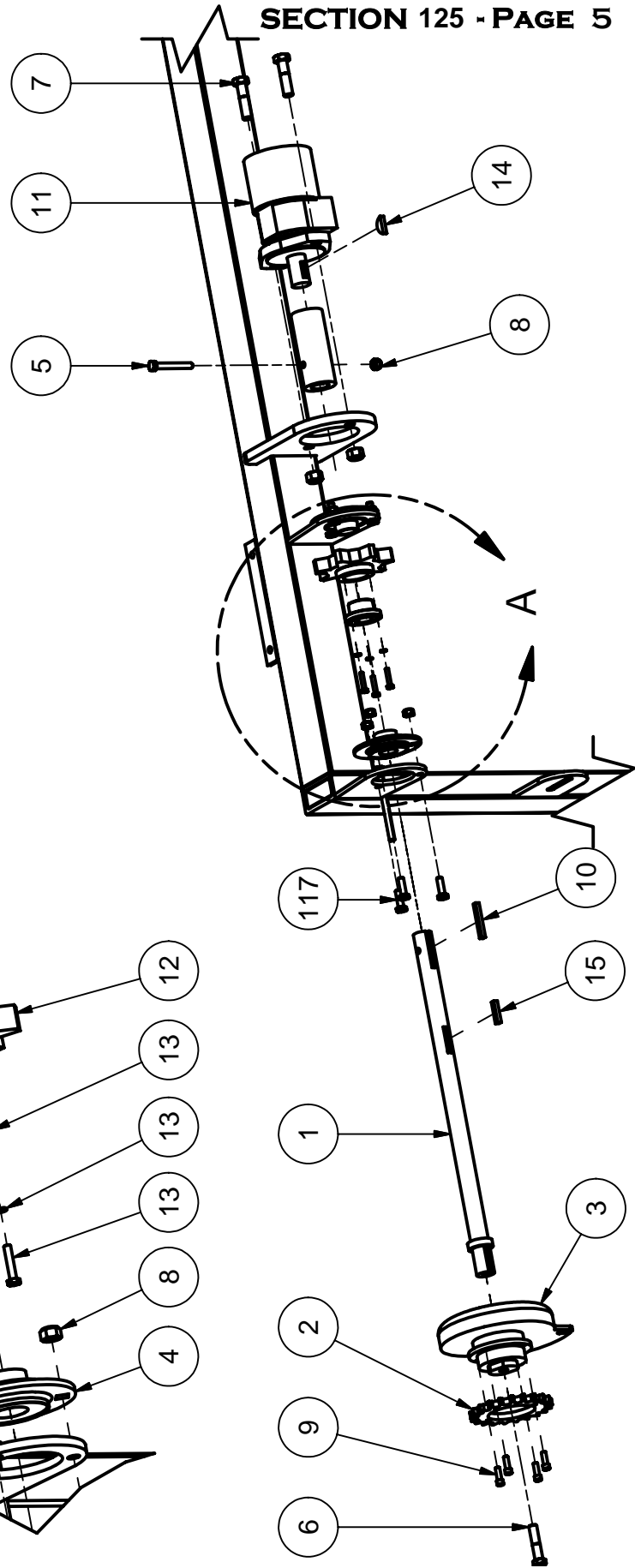
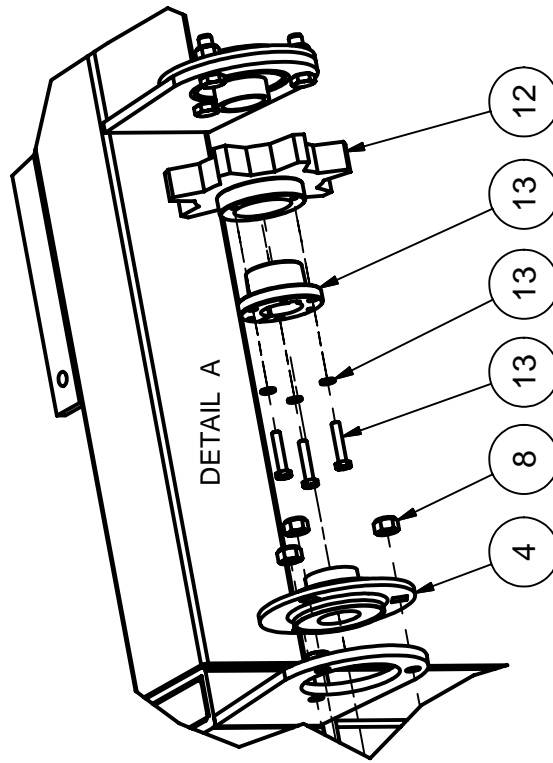




Elevator Main Drive Assembly		Elevator Main Drive Assembly	
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-M-0000P	Clutch Shaft Weldment
2	1	1-M-0027	Weldsprocket #50 21 teeth
3	1	1-Y-0072	Clutch, CMS 1" Bore, CW, Flange, 5.5 Amp Max
4	2	1-Y-0058	Bearing, w/ 3 hole flange, 1"ID
5	4	1-Z-0024	Hex Cap Screw, 0.3125" - 18 UNC x 2.5", GRD 5
6	1	1-Z-0154	Hex Cap Screw, 0.4375" - 20 UNF x 2", Grade 5
7	8	1-Z-0043	Hex Cap Screw, 0.5" - 13 UNC X 2" GRD 5
8	18	1-Z-0076	Nylon Lock Nut, 0.3125" - 18 UNC
9	4	1-Z-0260	Socket Head Cap Screw, 0.25" - 20 UNC x 0.75", GRD 5
10	2	1-Z-0066	Keystock, 0.25" x 2" Long
11	1	1-Y-0339	Motor, Hydraulic 06.0 DISP 1" KEYED SHAFT
12	1	1-M-0000AF	Taper Sprocket on vertical elevator drive
13	1	1-Y-0536	QD Bushing JA 1" ID (With Hardware)
14	1	1-Z-0067	Key, Woodruff 0.25" x 1" (808)
15	1	1-Z-0254	Keystock, 0.25" X 1.25" Long

**GUIDELINES:**

- PREP HOLES ON 1-M-0000AF, RUN 10-24 TAP TO CLEAN HOLES BEFORE ASSEMBLY
- USE TORQUE WRENCH FOR ITEM #13 (10-24 HEX HEAD SCREW): TIGHTEN ALL CAP SCREWS EVENLY AND PROGRESSIVELY IN ROTATION TO 5 FT LBS. EXCESSIVE WRENCH TORQUE, CLOSING THE GAP BETWEEN THE BUSHING FLANGE AND MATING HUB, OR THE USE OF LUBRICANTS WILL BREAK THE MATING HUB.



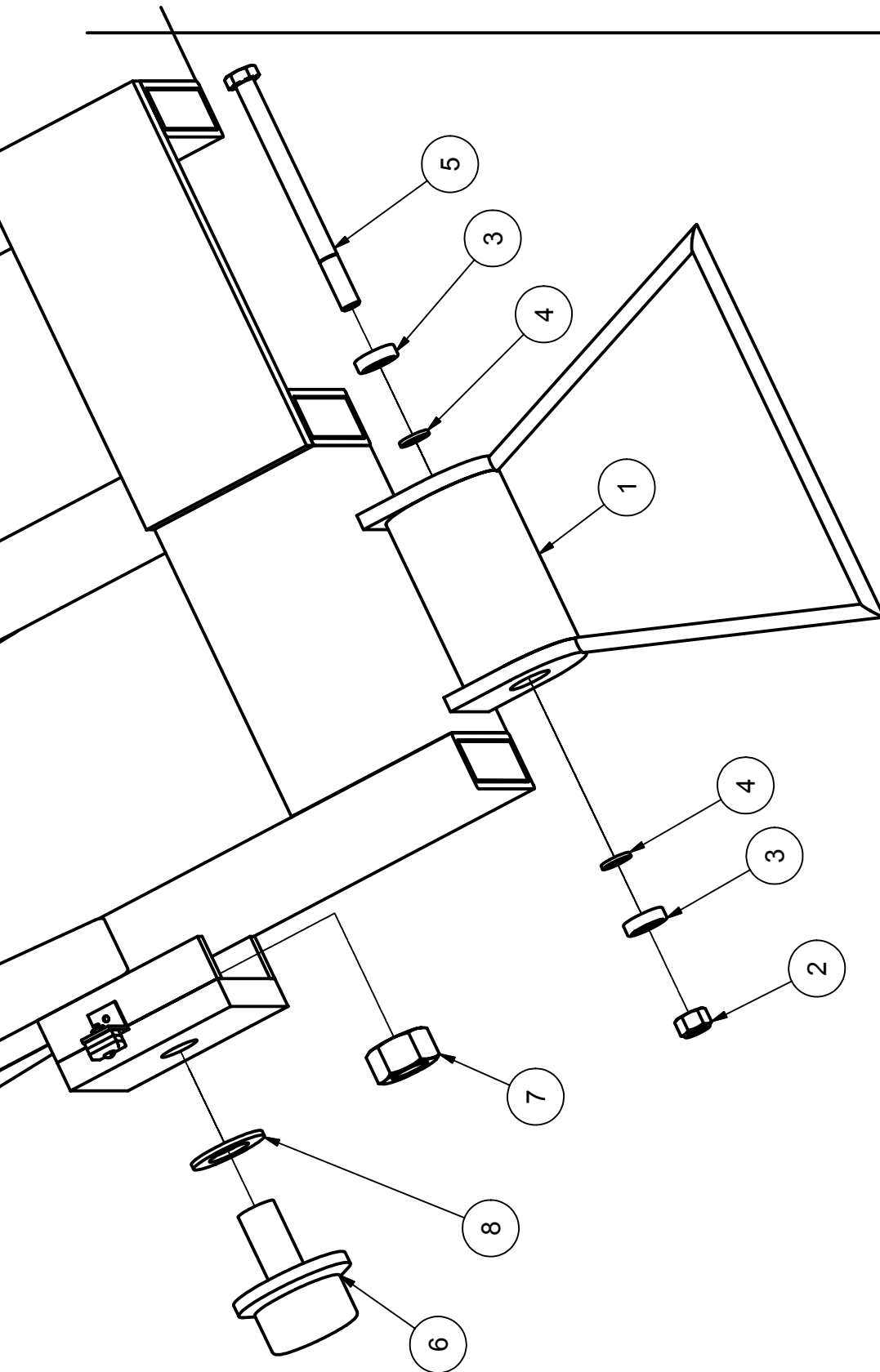
# **BALE BAND-IT PARTS**

## **HORIZONTAL PLUNGER SECTION 130**

**130**

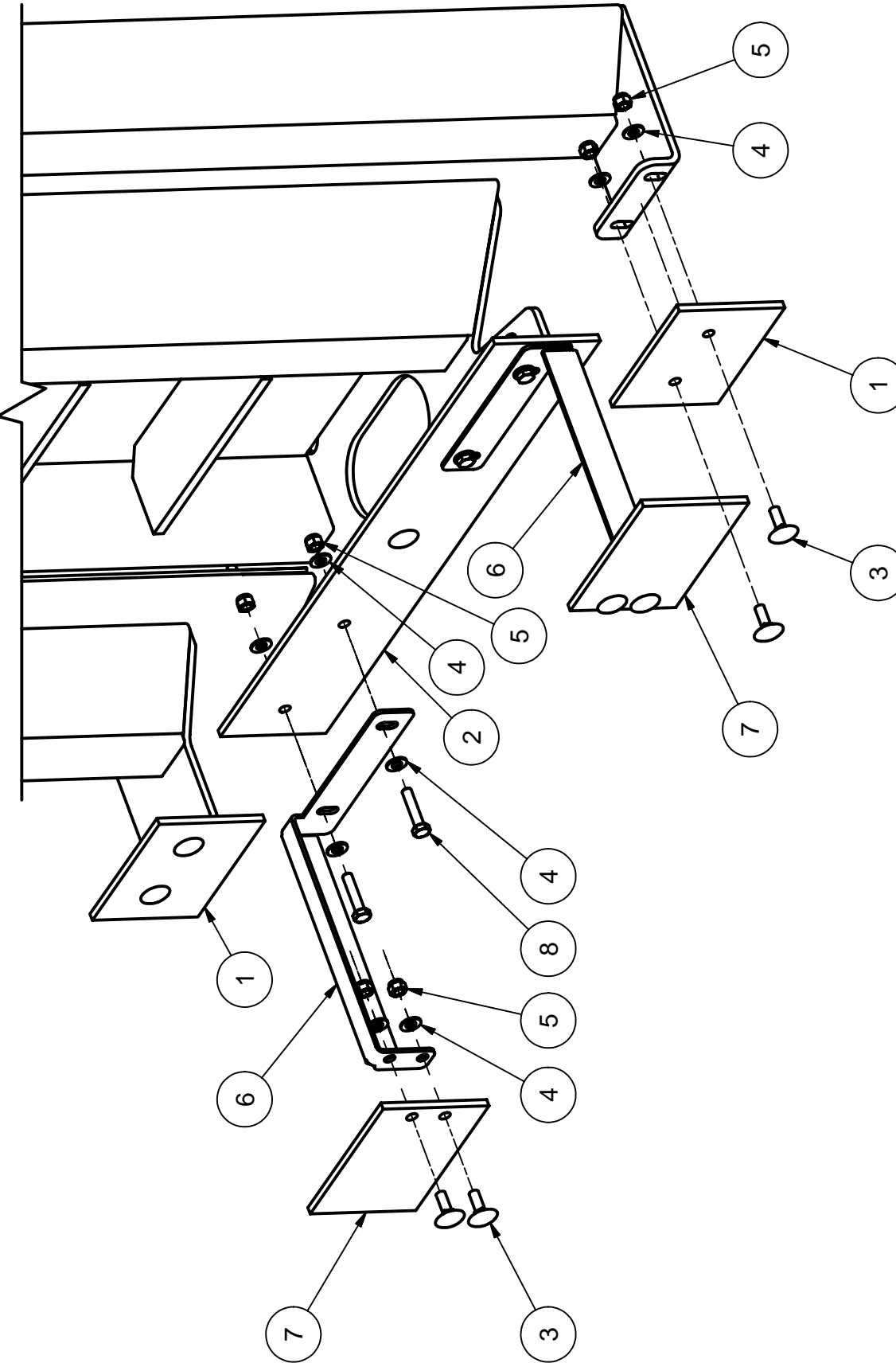
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<b>HAY SWEEP</b>	<b>2</b>
<b>CYLINDER – HORIZONTAL PLUNGER</b>	<b>3</b>
<b>HORIZONTAL PLUNGER GUIDE RAIL – LEFT</b>	<b>4</b>
<b>HORIZONTAL PLUNGER GUIDE RAIL – RIGHT</b>	<b>5</b>
<b>HORIZONTAL PLUNGER MAGNET HOLDER</b>	<b>6</b>



Horizontal Plunger: Bearing & Roller Mount			DESCRIPTION
ITEM	QTY	PART NUMBER	
1	2	1-H-0000C	
2	2	Hex Lock Nut - .625 - 11	
3	4	99-R10	Bearing ID 0.625", OD 1.375", 0.38"
4	4	3088A513	Shims ID 0.625", OD 1" x 0.125"
5	2	ANSI B18.2.1 - 5/8 - 11 - 8	Hex Cap Screw
6	4	Tracider-FR3	
7	4	ANSI B18.2.2 - 1 1/4 - 12	Hex Nut
8	4	ANSI B18.22.1 - 1 1/4 - narrow - Type A	Washer A

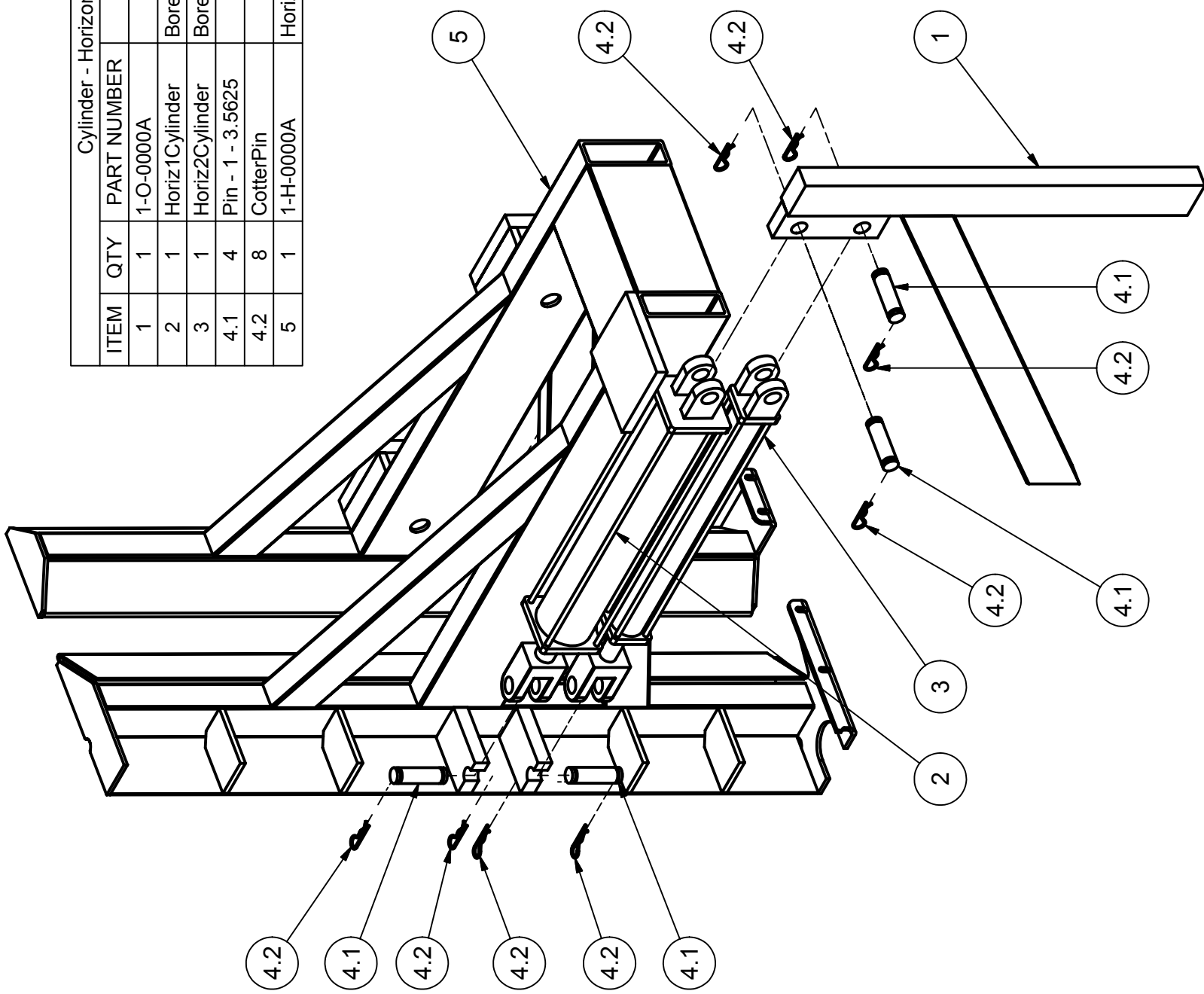




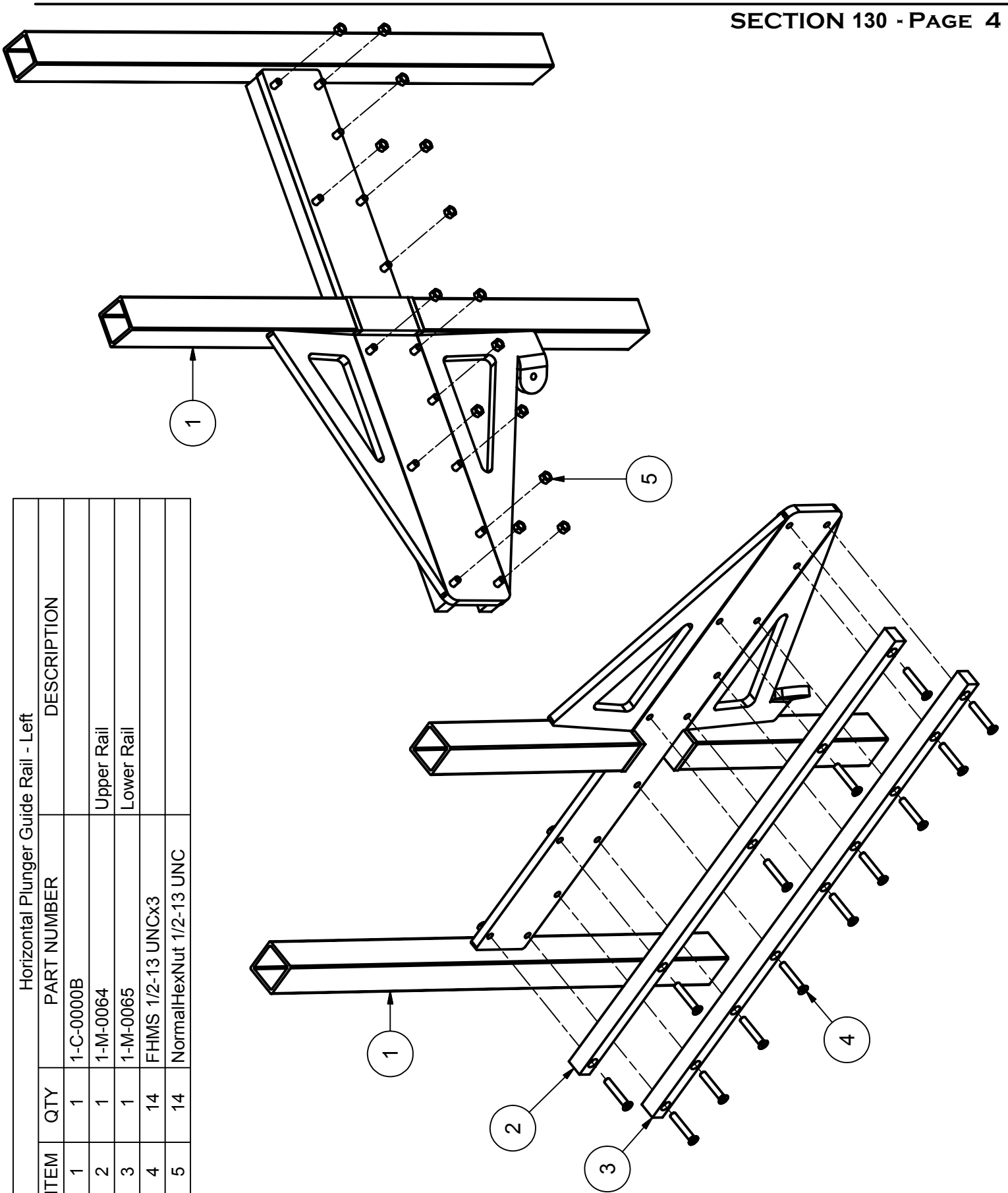
Hay Sweep			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1-M-0011	Rubber Sweep Short
2	1	1-M-0013	Rubber Sweep Long
3	9	Step Bolt Cap Screw - .3125 - 18 - 1	
4	17	Washer, ANSI A, Normal 5/16"	Type A Plain Washer
5	13	Nylock Nut	5/16 Std NC Nylock Nut
6	2	1-M-0172	Extended Hay Sweep
7	2	1-M-0150	Rubber Sweep Extended
8	4	5/16-18 UNC - 1.5	HexCapScrewInch



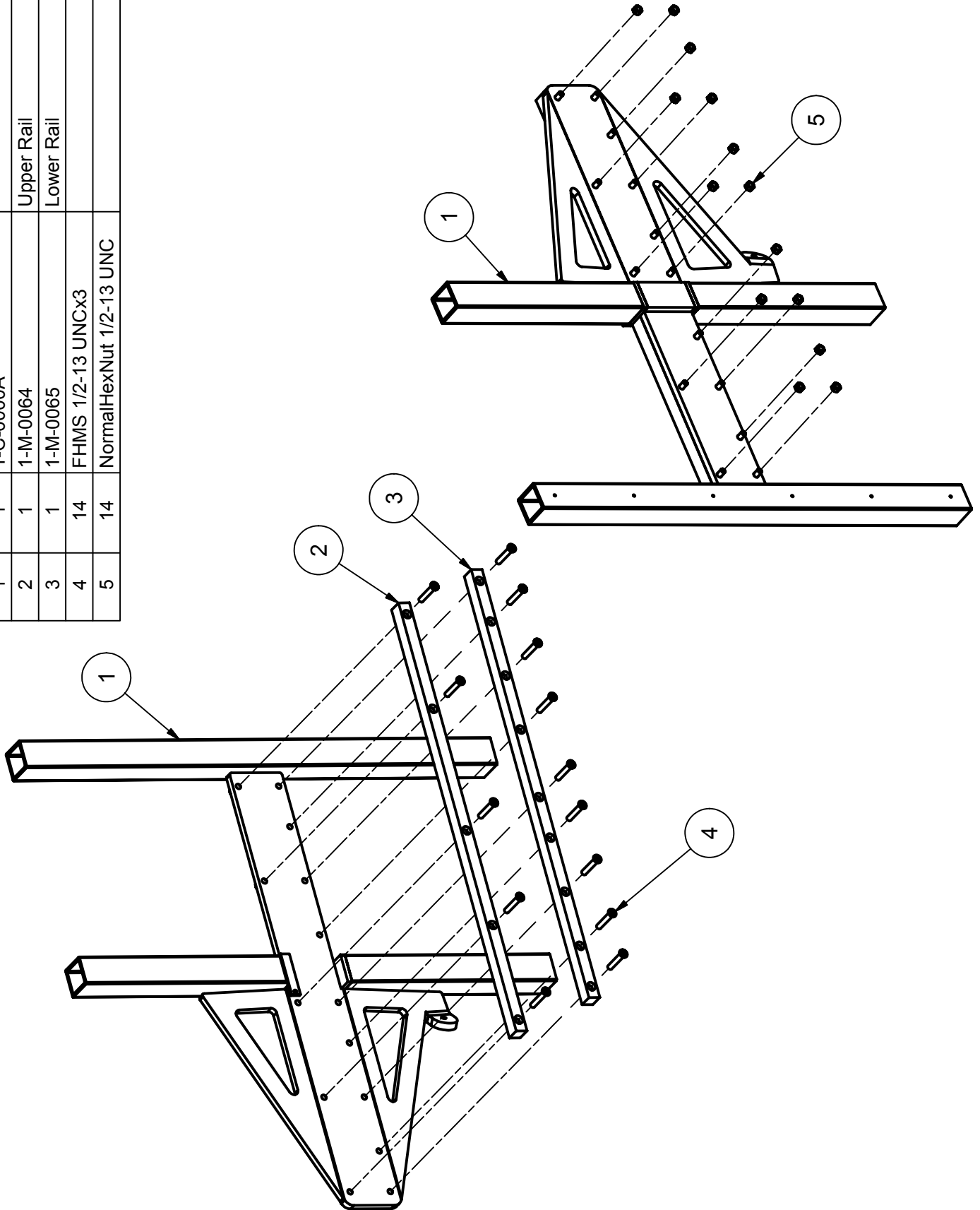
Cylinder - Horizontal Plunger		DESCRIPTION
ITEM	QTY	PART NUMBER
1	1	1-O-0000A
2	1	Horiz1Cylinder
3	1	Horiz2Cylinder
4.1	4	Pin - 1 - 3.5625
4.2	8	CotterPin
5	1	1-H-0000A

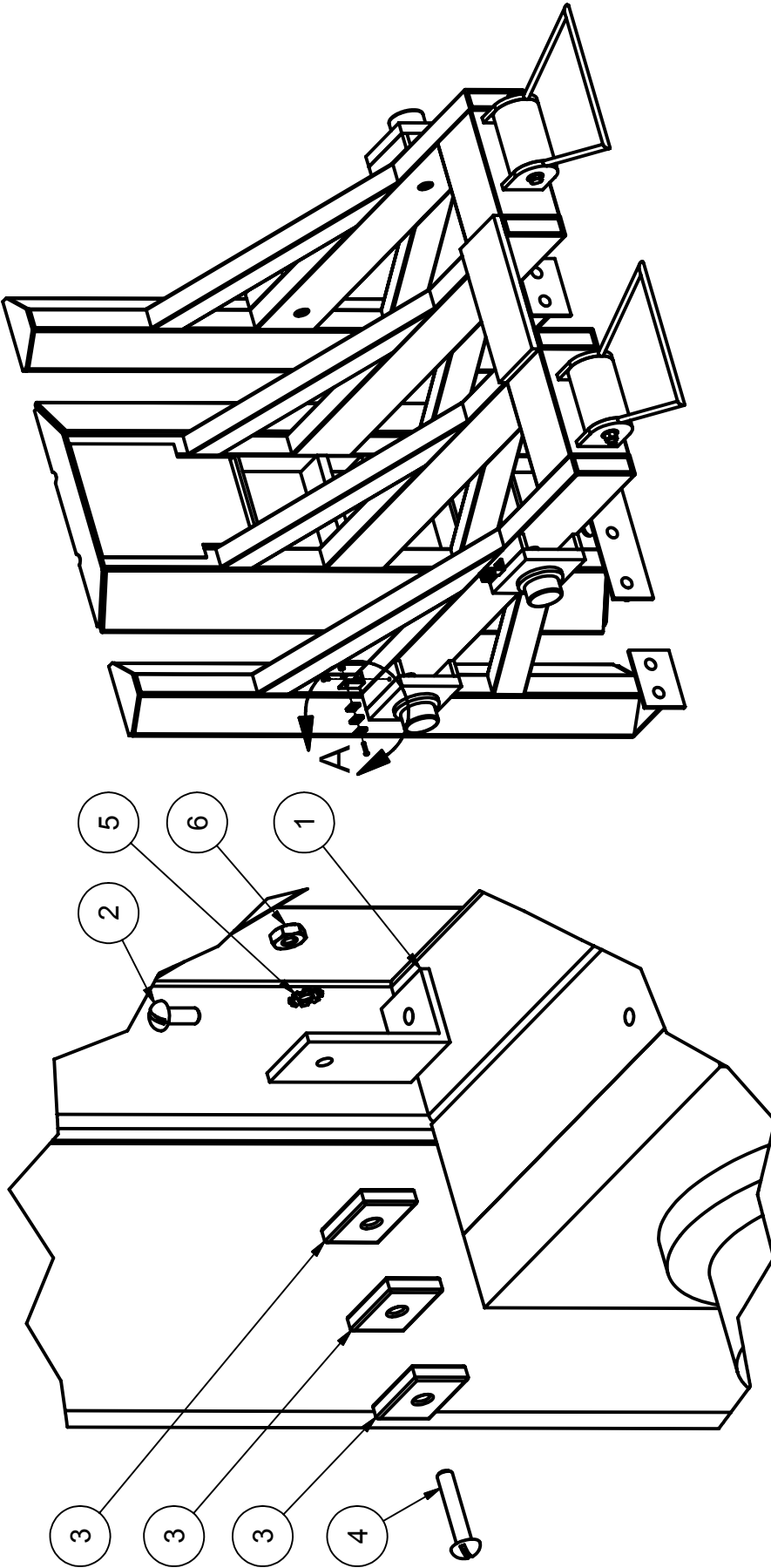


Horizontal Plunger Guide Rail - Left		
ITEM	QTY	DESCRIPTION
1	1	1-C-0000B
2	1	1-M-0064
3	1	1-M-0065
4	14	FHMS 1/2-13 UNCx3
5	14	NormalHexNut 1/2-13 UNC



Horizontal Plunger Guide Rail - Right			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-C-0000A	
2	1	1-M-0064	Upper Rail
3	1	1-M-0065	Lower Rail
4	14	FHMS 1/2-13 UNCx3	
5	14	NormalHexNut 1/2-13 UNC	





**DETAIL A**

Note: Quantities are double what are shown in Detail A, due to there being another Magnet Holder on the Horizontal Plunger.

Horizontal Plunger: Magnet Holder			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1-M-0068	Aluminum Bracket
2	2	Slotted Round Head Cap Screw - 10 - 24 - .5	Slotted Round Head Cap Screw - 10 - 24 - .5
3	6	Magnet3	
4	2	Slotted Round Head Cap Screw - 10 - 24 - 1	Slotted Round Head Cap Screw - 10 - 24 - 1
5	2	ASME B18.21.1 - No. 10. Carbon Steel	External Tooth Lock Washer Type A
6	2	ANSI B18.6.3 - 10 - 24	Hex Machine Screw Nut UNC





# **BALE BAND-IT PARTS**

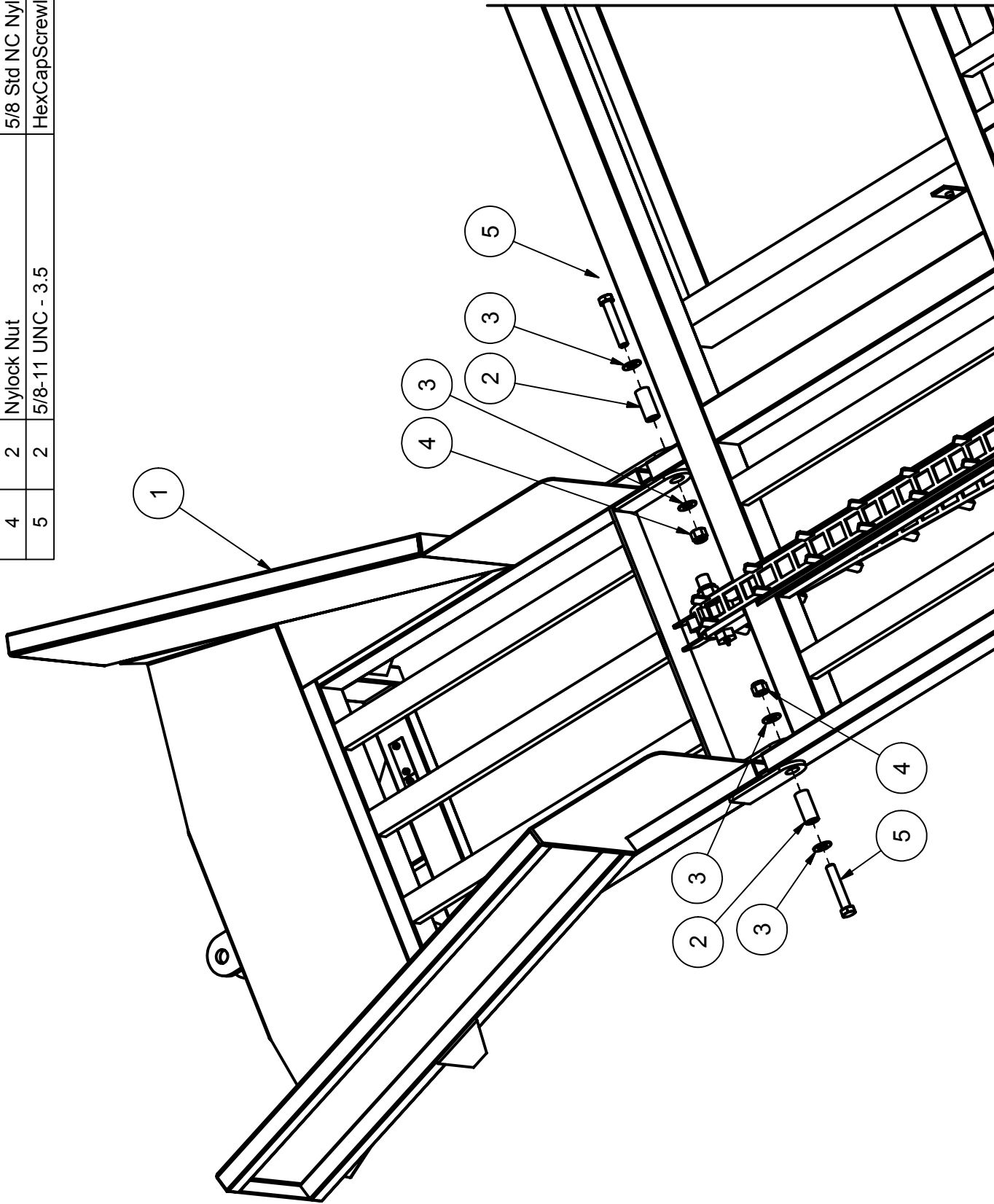
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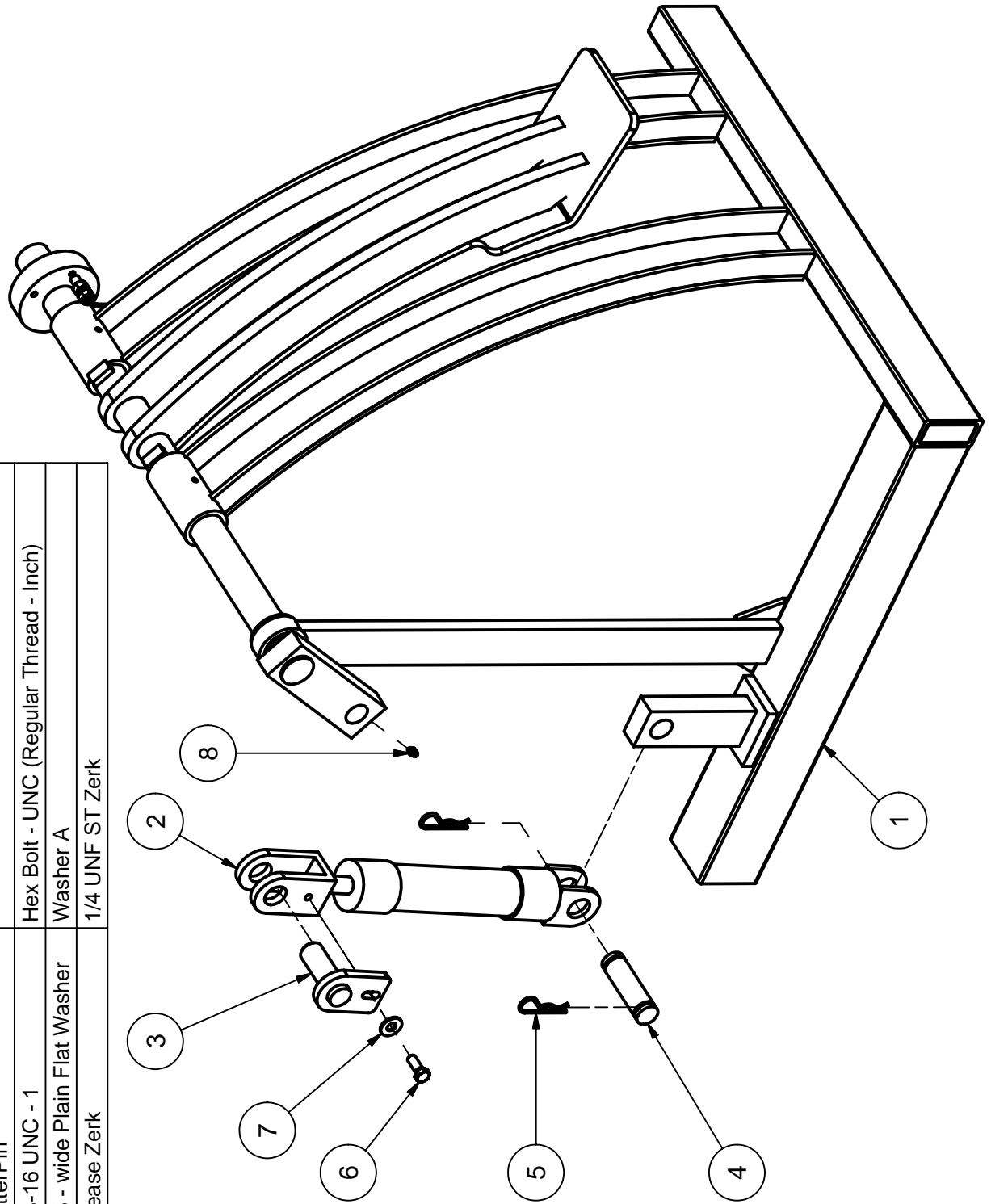
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<b>FRONT CHUTE ASSEMBLY</b>	<b>1</b>
<b>KICKER CYLINDER</b>	<b>2</b>
<b>SIDE DOORS</b>	<b>3</b>

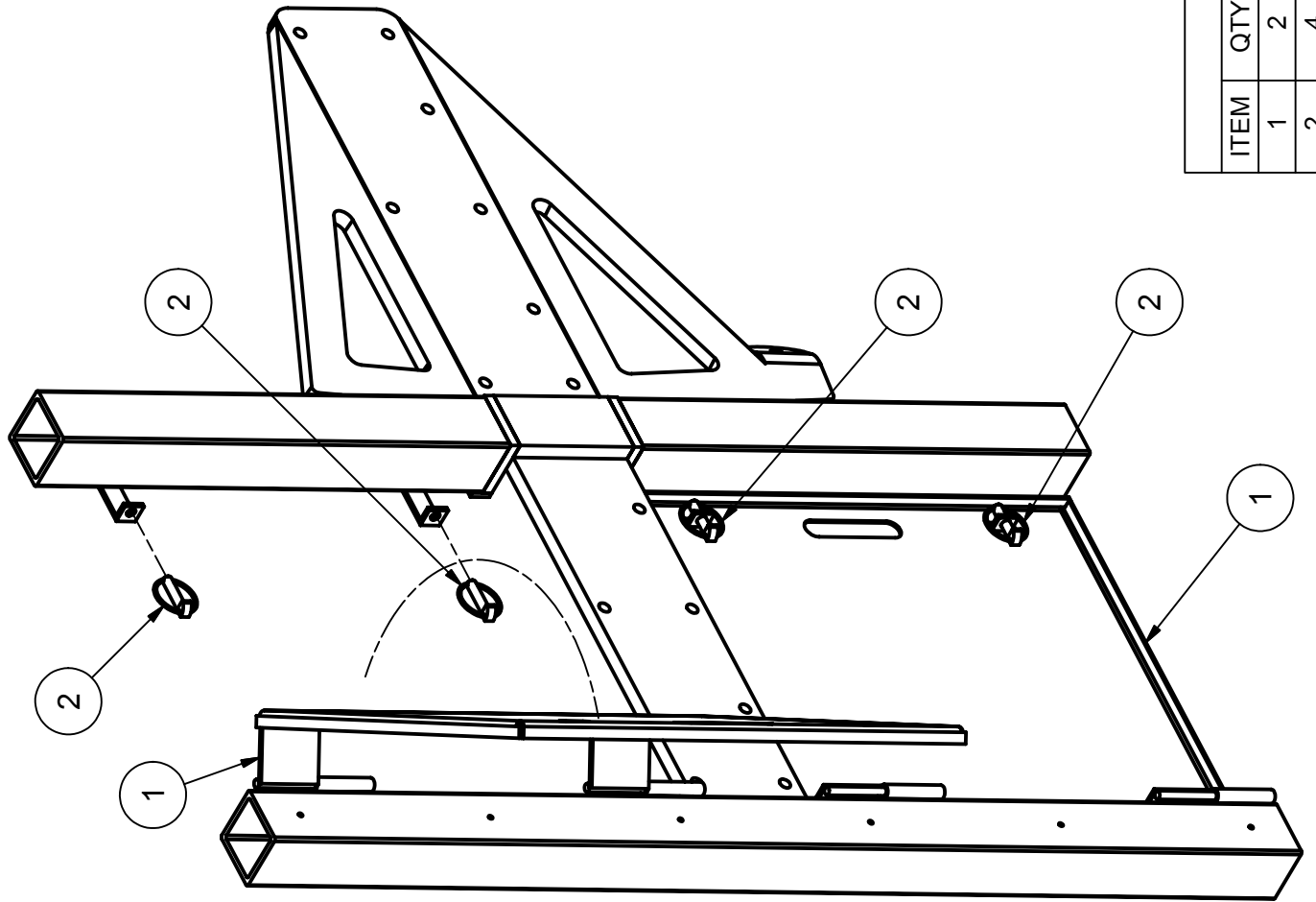
**135**

Front Chute Assembly			DESCRIPTION
ITEM	QTY	PART NUMBER	
1	1	1-F-0000	Front Chute
2	2	1-M-0067	
3	4	Washer, ANSI A, Normal 5/8"	Type A Plain Washer
4	2	Nylock Nut	5/8 Std NC Nylock Nut
5	2	5/8-11 UNC - 3.5	HexCapScrewInch



Kicker Cylinder Mount			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-B-0000A	
2	1	Kicker Cylinder	Bore 1.5" x Rod 0.75" x 6" Stroke
3	1	1-M-0000AB	PIN FOR KICKER CYLINDER
4	1	Pin - 1 - 3.5625	
5	2	CotterPin	
6	1	3/8-16 UNC - 1	Hex Bolt - UNC (Regular Thread - Inch)
7	1	3/8 - wide Plain Flat Washer	Washer A
8	1	Grease Zerk	1/4 UNF ST Zerk





Side Door Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	O-D Weldment	Side Door
2	4	RingClip - .4375 - 1.375	



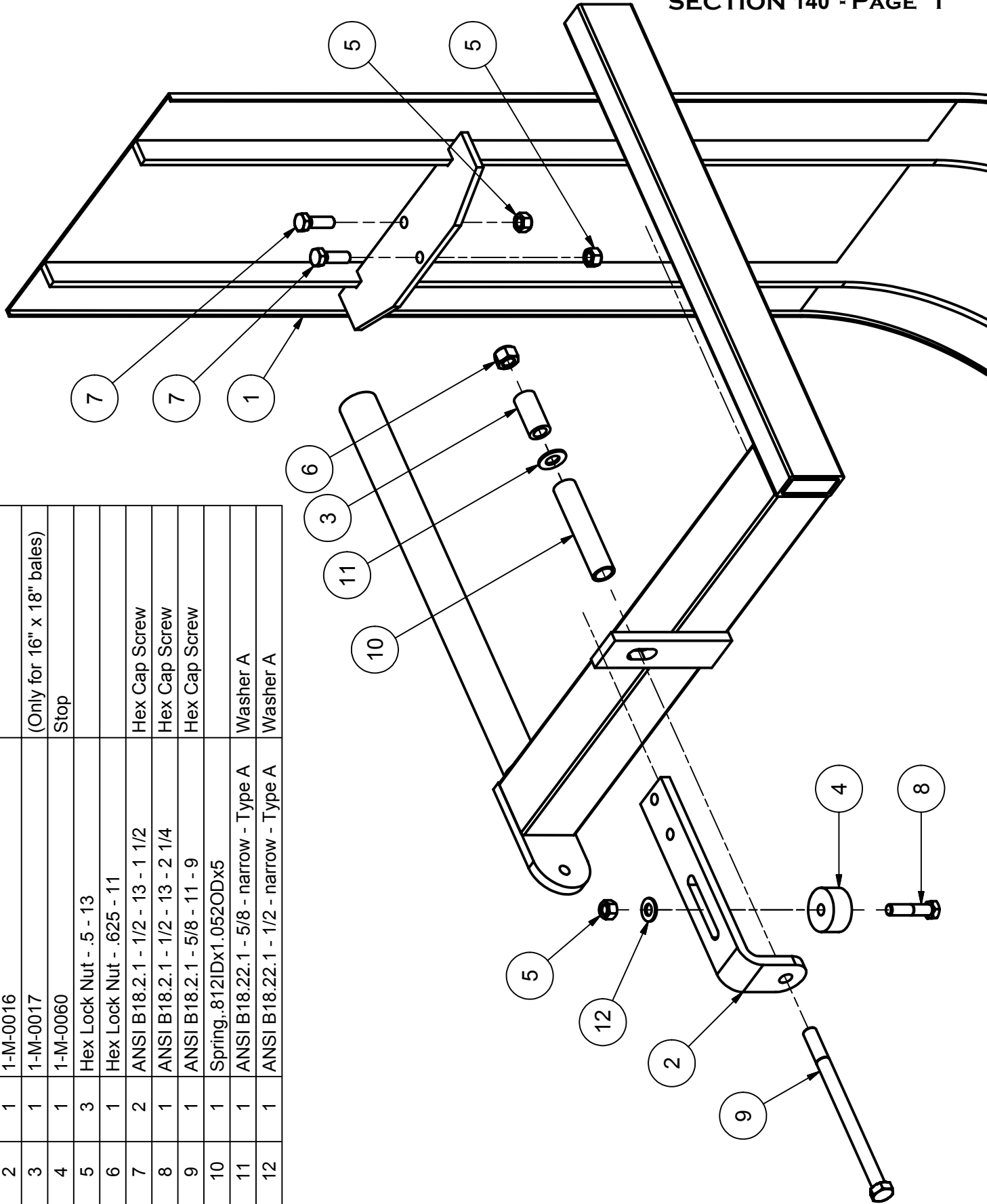
# **BALE BAND-IT PARTS**

## **PRESSURE PLATE SECTION 140**

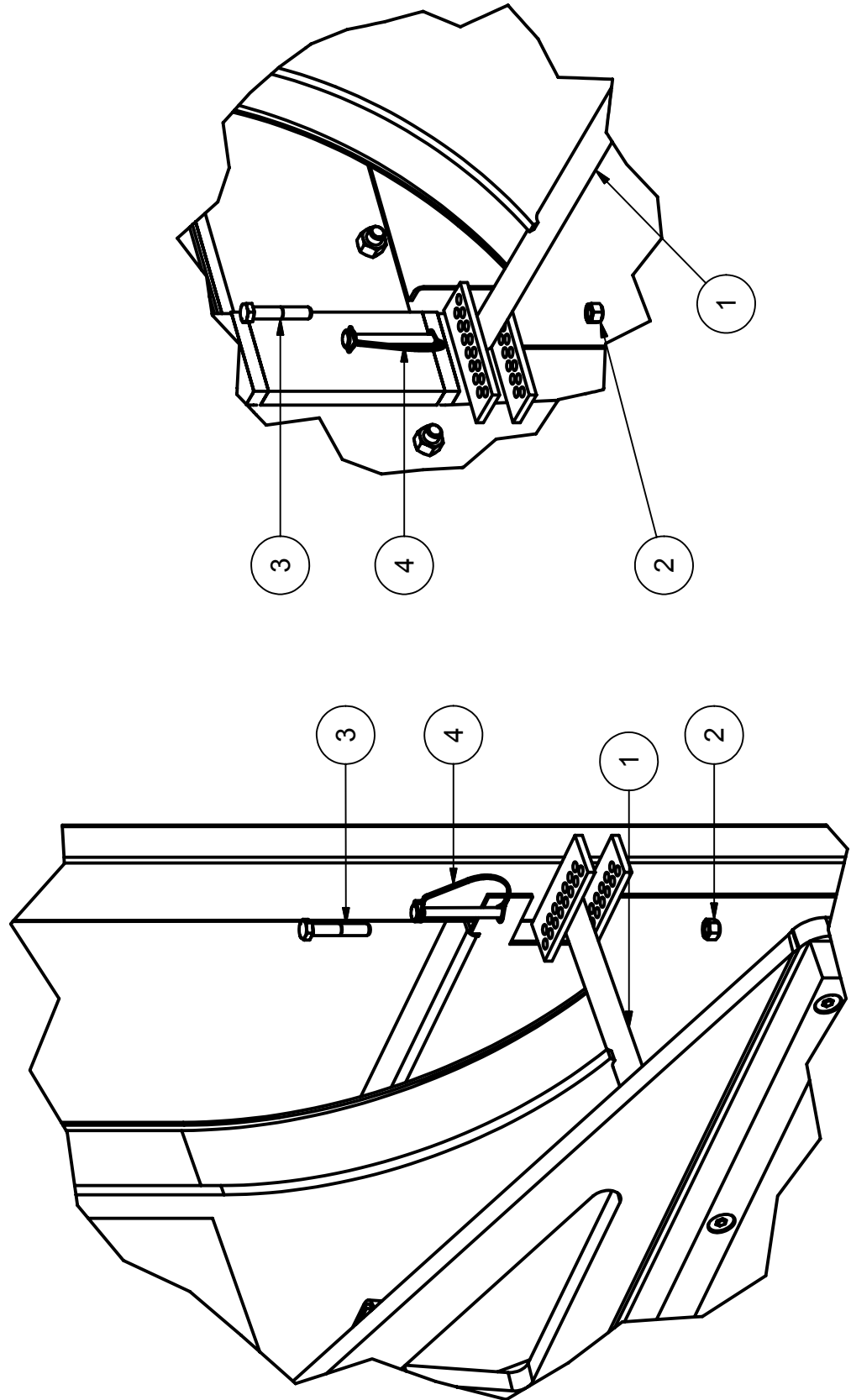
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<b>PRESSURE PLATE UPPER MOUNT</b>	<b>1</b>
<b>PRESSURE PLATE LOWER MOUNT</b>	<b>2</b>

Pressure Plate Assembly - Upper			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	M-A Weldment	Pressure Plate
2	1	1-M-0016	(Only for 16" x 18" bales)
3	1	1-M-0017	Stop
4	1	1-M-0060	
5	3	Hex Lock Nut - .5 - 13	
6	1	Hex Lock Nut - .625 - 11	
7	2	ANSI B18.2.1 - 1/2 - 13 - 1 1/2	Hex Cap Screw
8	1	ANSI B18.2.1 - 1/2 - 13 - 2 1/4	Hex Cap Screw
9	1	ANSI B18.2.1 - 5/8 - 11 - 9	Hex Cap Screw
10	1	Spring, .812IDx1.052ODx5	
11	1	ANSI B18.22.1 - 5/8 - narrow - Type A	Washer A
12	1	ANSI B18.22.1 - 1/2 - narrow - Type A	Washer A



Pressure Plate Lower Mount			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	M-A Weldment	Pressure Plate
2	2	Hex Lock Nut - .3125 - 18	
3	2	ANSI B18.2.1 - 5/16 - 18 - 2	Hex Cap Screw
4	2	0.3125-SnapPin	



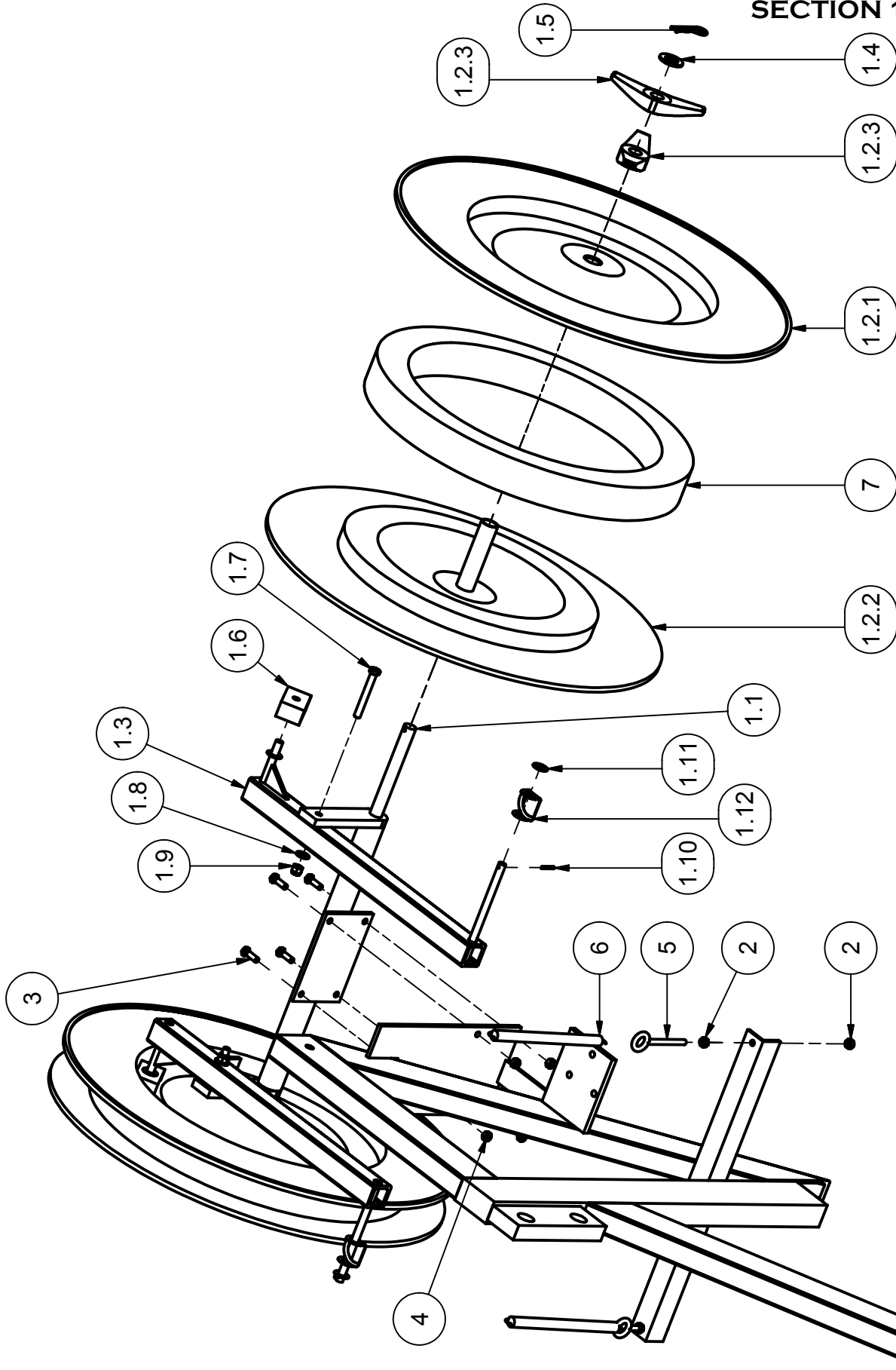
# **BALE BAND-IT PARTS**

## **STRAP DRUM SECTION 145**

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Strapping Drum Assembly



Strapping Drum Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1.1	1	M-L Weldment	
1.2.1	2	BandingDrum1	
1.2.2	2	BandingDrum2	
1.2.3	4	BandingDrumWingNut	
1.3	2	M-J Weldment	
1.4	2	98119A036	washer, machine .625"ID 1"OD x .075"
1.5	2	Cotter Pin .15625 Dia	
1.6	2	BandingDrumRubberBrake	
1.7	2	3/8-16 UNC - 3	HexCapScrewInch
1.8	2	Washer, ANSI A, Normal 3/8"	Type A Plain Washer
1.9	2	Nylock Nut	3/8 Std NC Nylock Nut
1.10	2	Cotter Key - .125 x 1	
1.11	2	Washer, ANSI A, Normal 7/16"	Type A Plain Washer
1.12	2	CPXC625383	
2	4	ANSI B18.2.2 - 5/16 - 18	Hex Nut
3	4	ANSI B18.2.1 - 5/16 - 18 - 1	Hex Cap Screw
4	4	Hex Lock Nut - .3125 - 18	
5	2	I Bolt - .3125 - 3.25	
6	2	Spring, 5 long	
7	2	Strap - Roll	

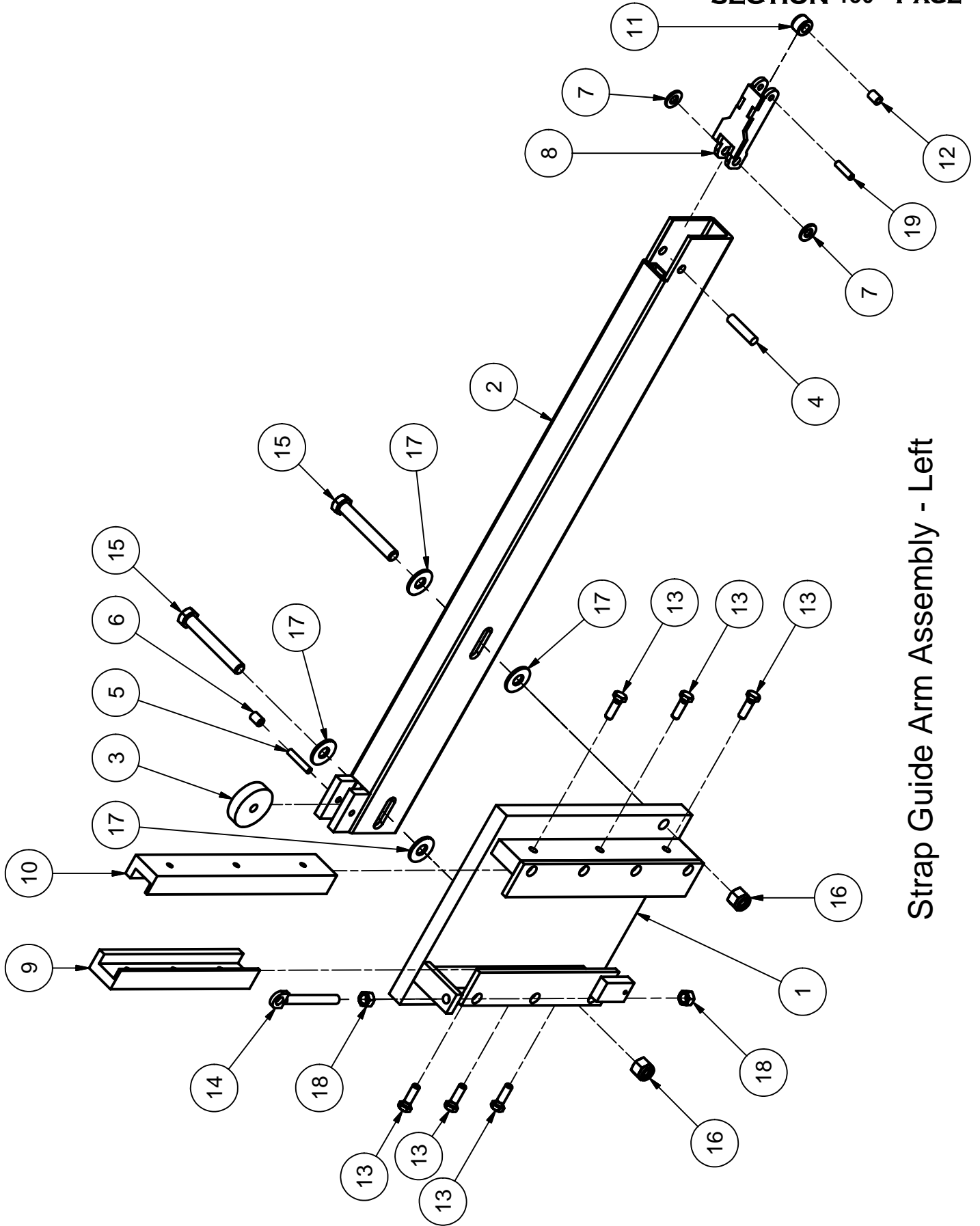


# **BALE BAND-IT PARTS**

## **STRAP GUIDE ARMS SECTION 150**

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<b>STRAP GUIDE ARM ASSEMBLY - RIGHT</b>	<b>3 – 4</b>
<b>STRAP GUIDE DRIVE ASSEMBLY</b>	<b>5 – 6</b>
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<b>CHAIN – STRAP GUIDE ARM – RIGHT</b>	<b>8</b>

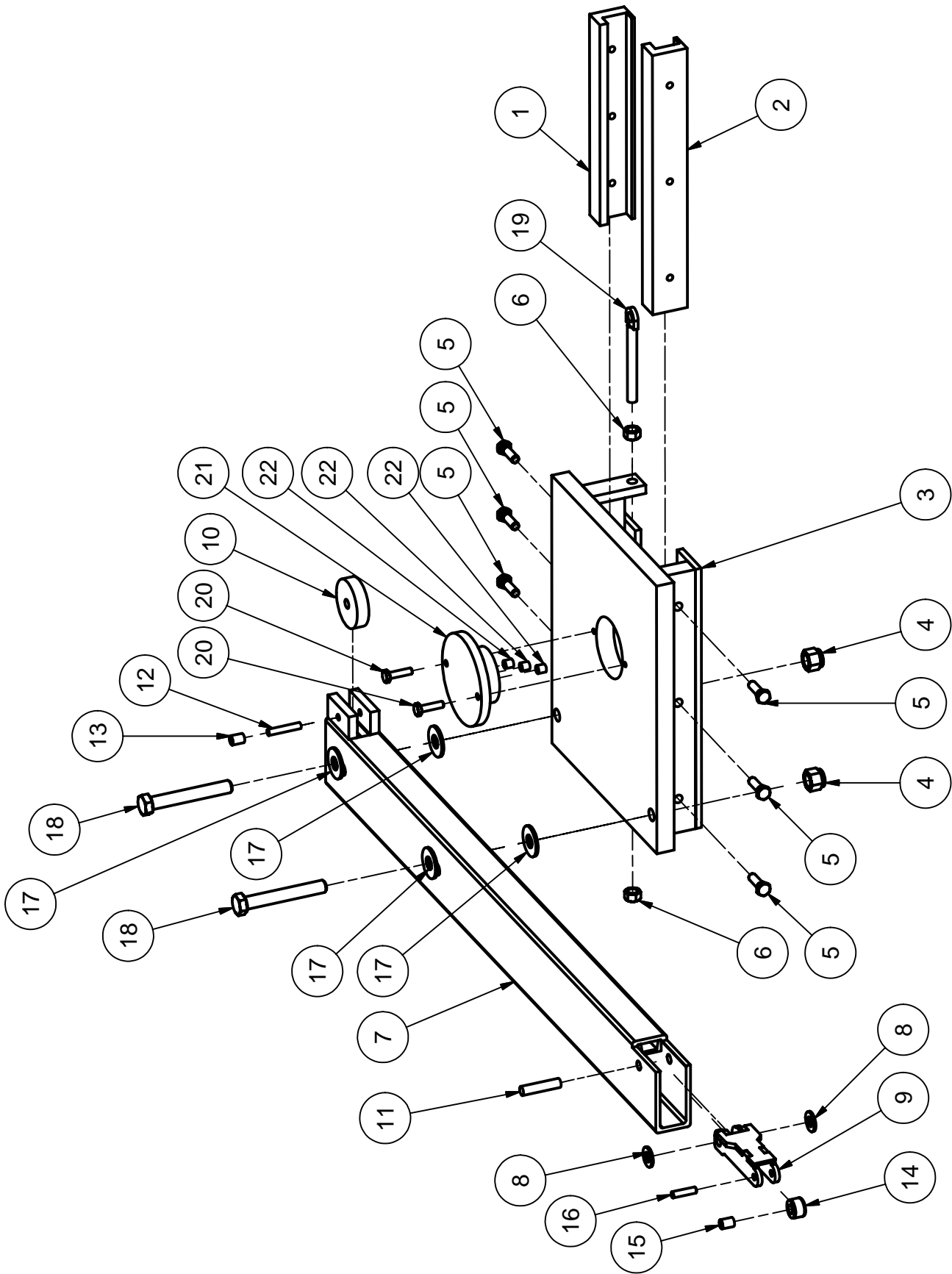


**Strap Guide Arm Assembly - Left**



Strap Guide Arm Assembly - Left			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-N-0000B	STRAP GUIDE ARM LEFT BASE WELDMENT
2	1	1-N-0000C	Strap Guide Arm
3	1	1-N-0014	STRAP GUIDE LARGE STRAP ROLLER
4	1	1-N-0015	ROD .375" OD X 1.625" LONG
5	1	1-N-0016	ROD .25" OD X 1.375" LONG
6	1	1-Y-0060	Bushing, bronze, oil impreg .25IDx.375ODx.5
7	2	1-Z-0116	Washer, Flat Normal 0.375"
8	1	1-N-0000E	Strap Guide Finger
9	1	1-M-0077	STRAP GUIDE WEAR STRIP - SHORT
10	1	1-M-0078	STRAP GUIDE WEAR STRIP - LONG
11	1	1-M-0079	ROLLER FOR STRAPING
12	1	1-Y-0060	Bushing, bronze, oil impreg .25IDx.375ODx.5
13	6	1-Z-0023	Hex Cap Screw, 0.3125" - 18 UNC X 1", G5
14	1	1-Z-0061	Jig latch bolt, 0.375" - 16 UNC x 3.75"
15	2	1-Z-0048	Hex cap screw, 0.5" - 13 UNC x 3.5", GRD 5
16	2	1-Z-0078	Nylon Lock Nut, 0.5" - 13 UNC
17	4	1-Z-0118	Washer, Flat Normal 0.5"
18	2	1-Z-0070	Nut, Hex Regular 0.375" - 16 UNC
19	1	1-Z-0005	Dowel Pin, 0.25" Dia x 1"





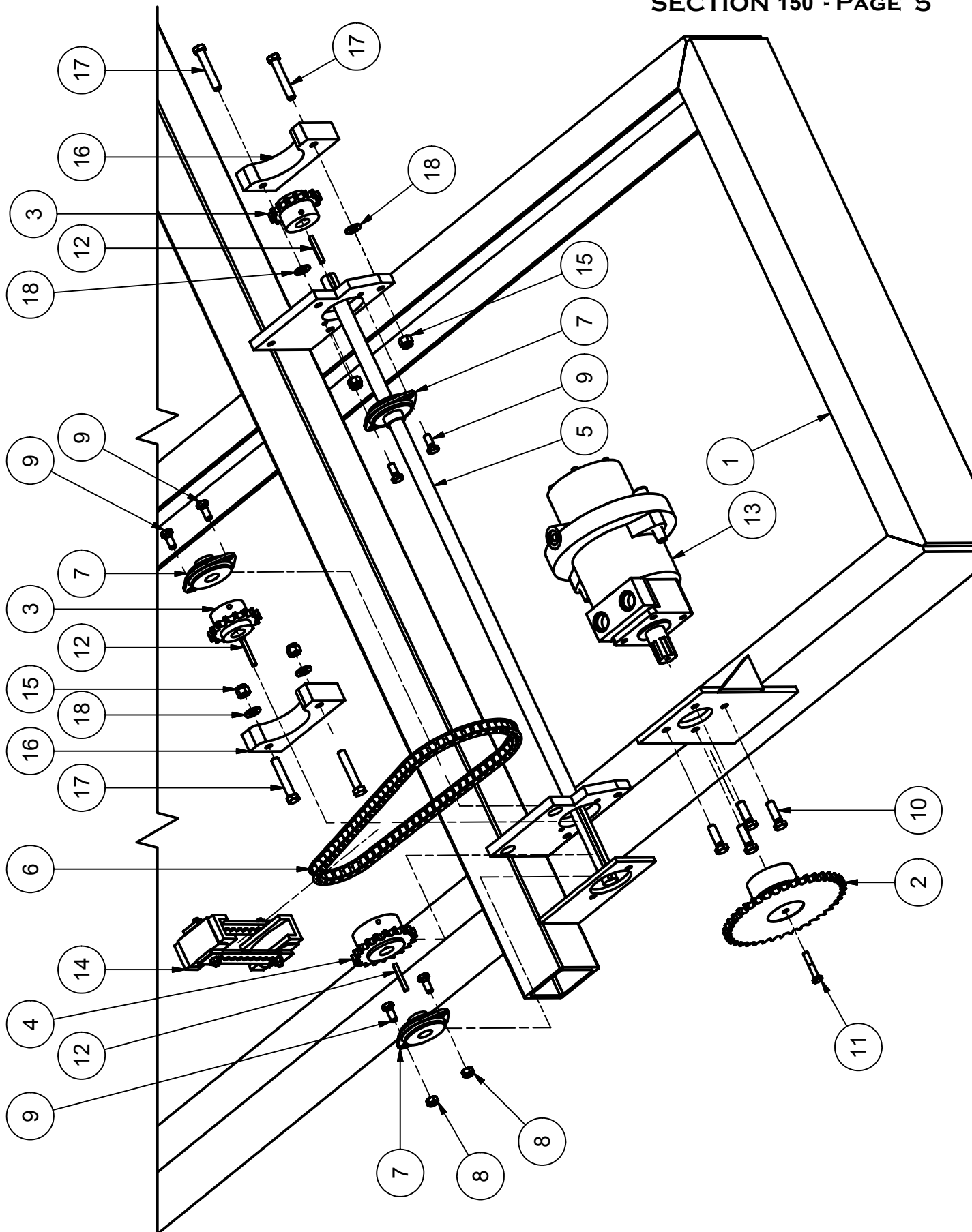
**Strap Guide Arm Assembly - Right**



Strap Guide Arm Assembly – Right			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-M-0077	STRAP GUIDE WEAR STRIP - SHORT
2	1	1-M-0078	STRAP GUIDE WEAR STRIP - LONG
3	1	1-N-0000A	STRAP GUIDE ARM RIGHT BASE WELDMENT
4	2	1-Z-0078	Nylon Lock Nut, 0.5" - 13 UNC
5	6	1-Z-0023	Hex Cap Screw, 0.3125" - 18 UNC X 1", G5
6	2	1-Z-0070	Nut, Hex Regular 0.375" - 16 UNC
7	1	1-N-0000C	Strap Guide Arm
8	2	1-Z-0116	Washer, Flat Normal 0.375"
9	1	1-N-0000E	Strap Guide Finger
10	1	1-N-0014	STRAP GUIDE LARGE STRAP ROLLER
11	1	1-N-0015	ROD .375" OD X 1.625" LONG
12	1	1-N-0016	ROD .25" OD X 1.375" LONG
13	1	1-Y-0060	Bushing, bronze, oil impreg .25IDx.375ODx.5
14	1	1-M-0079	ROLLER FOR STRAPING
15	1	1-Y-0060	Bushing, bronze, oil impreg .25IDx.375ODx.5
16	1	1-Z-0005	Dowel Pin, 0.25" Dia x 1"
17	4	1-Z-0118	Washer, Flat Normal 0.5"
18	2	1-Z-0048	Hex cap screw, 0.5" - 13 UNC x 3.5", GRD 5
19	1	1-Z-0061	Jig latch bolt, 0.375" - 16 UNC x 3.75"
20	2	1-Z-0018	Hex Cap Screw 0.25" - 20 UNC X 1"
21	1	1-M-0041	PLASTIC MAGNET HOLDER FOR STRAP GUIDE ARM
22	3	1-Y-0202	Magnet w/o housing .33" OD x .33" long NEO38



Strap Guide Drive Assembly

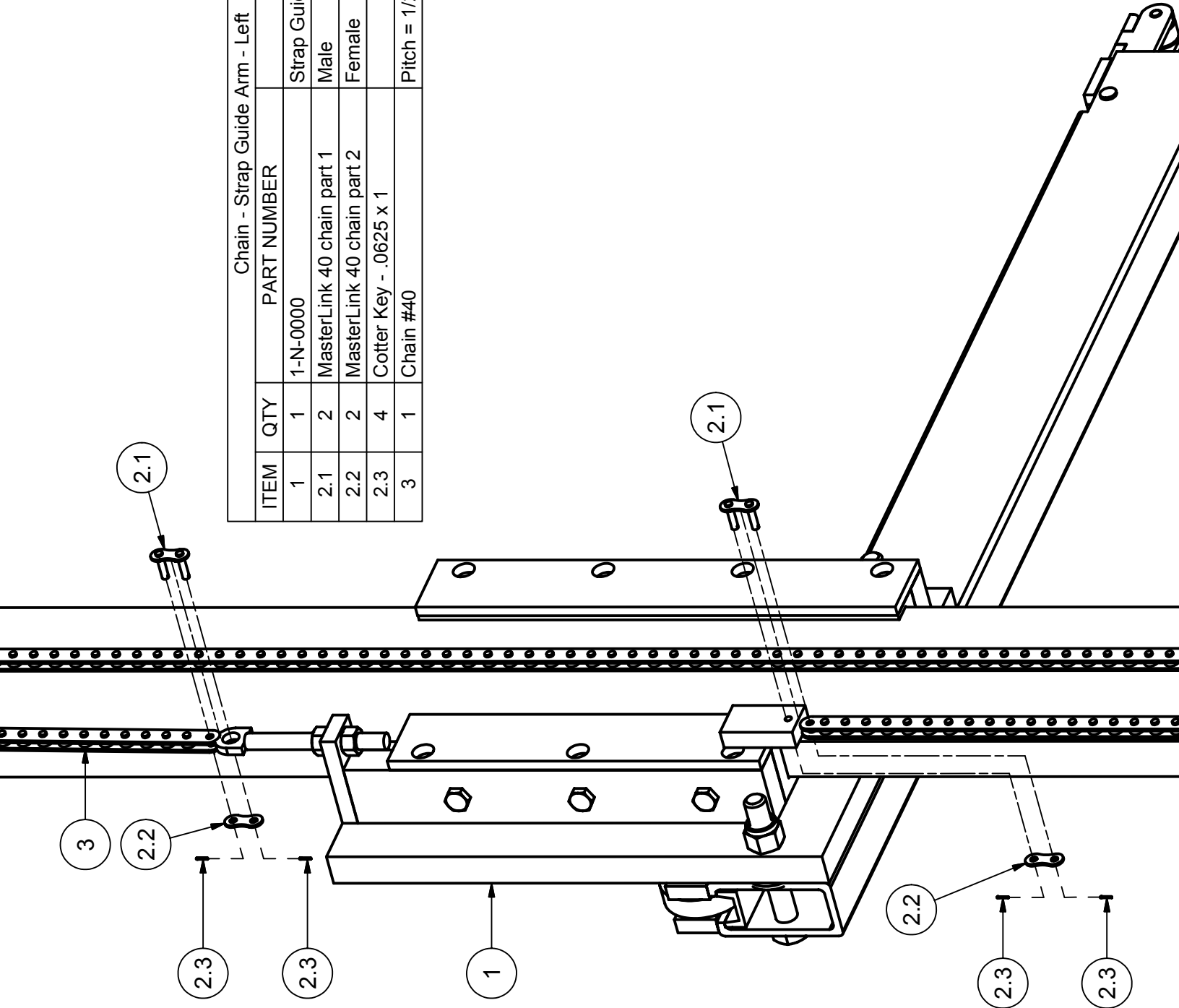


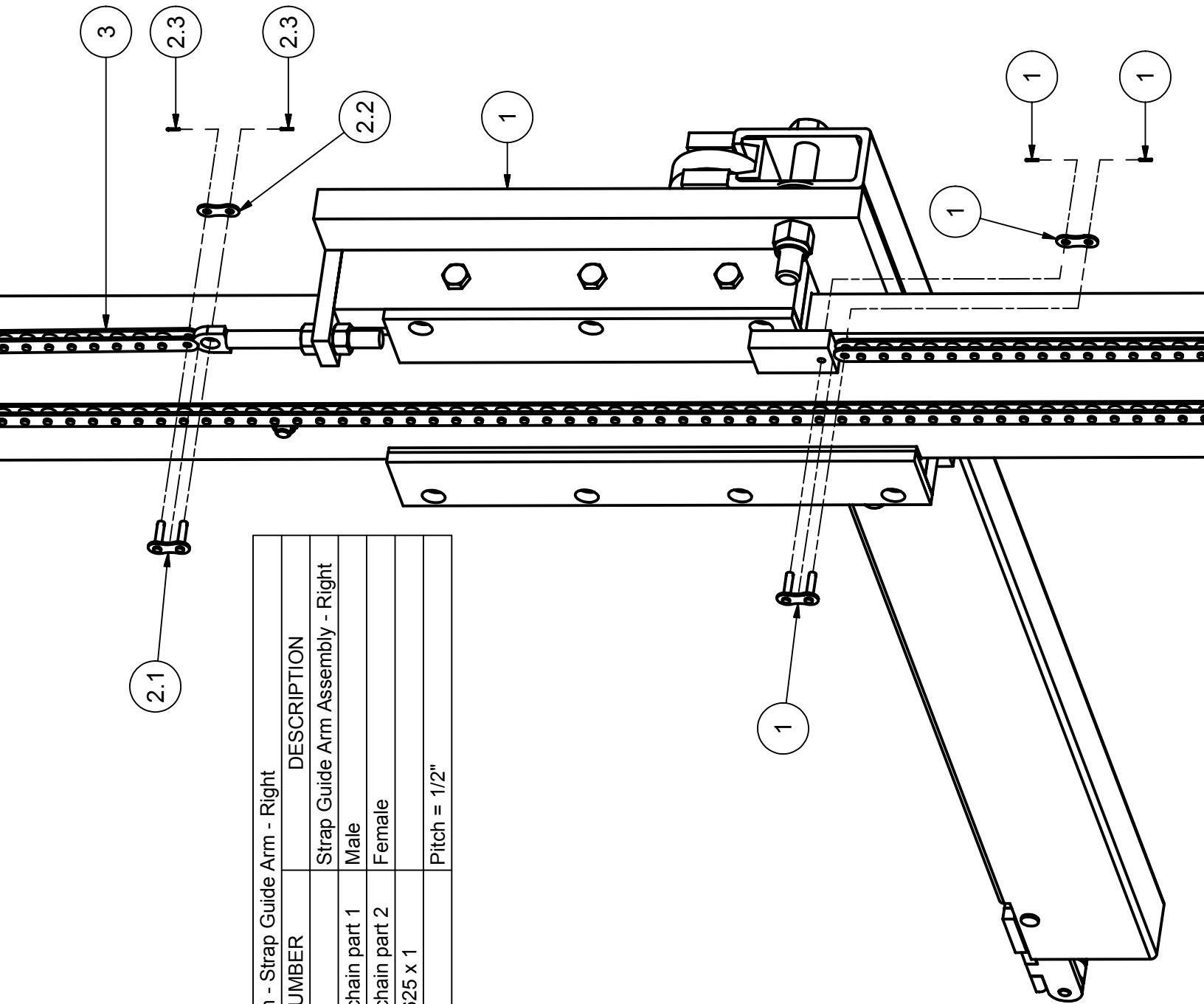


Strap Guide Drive Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-O-0000P	Chassis Weldment
2	1	1-M-0000B	
3	2	1-M-0000U	
4	1	1-M-0000V	
5	1	1-M-0042	
6	1	Chain40-1	Pitch = 1/2"
7	3	FHSPFLZ204-12	
8	2	Hex Lock Nut - .3125 - 18	
9	6	ANSI B18.2.1 - 5/16 - 18 - 3/4	Hex Cap Screw
10	4	ANSI B18.2.1 - 3/8 - 16 - 1 1/4	Hex Cap Screw
11	1	ANSI B18.2.1 - 1/4 - 20 - 1 1/2	Hex Cap Screw
12	3	Key .1875 x 1.5	
13	1	SA092502SAAD	Motor - Brake Assembly
14	1	SI40	Snap Idle Chain Tightener
15	4	Nylock Nut	3/8 Std NC Nylock Nut
16	2	1-M-0151	Nyl-Oil
17	4	3/8-16 UNC - 2.25	HexCapScrewInch
18	4	Washer, ANSI A, Normal 3/8"	Type A Plain Washer



Chain - Strap Guide Arm - Left			DESCRIPTION
ITEM	QTY	PART NUMBER	
1	1	1-N-0000	Strap Guide Arm Assembly - Left
2.1	2	MasterLink 40 chain part 1	Male
2.2	2	MasterLink 40 chain part 2	Female
2.3	4	Cotter Key - .0625 x 1	
3	1	Chain #40	Pitch = 1/2"





Chain - Strap Guide Arm - Right		DESCRIPTION
ITEM	QTY	PART NUMBER
1	1	1-N-0000
2.1	2	MasterLink 40 chain part 1
2.2	2	MasterLink 40 chain part 2
2.3	4	Cotter Key - .0625 x 1
3	1	Chain #40



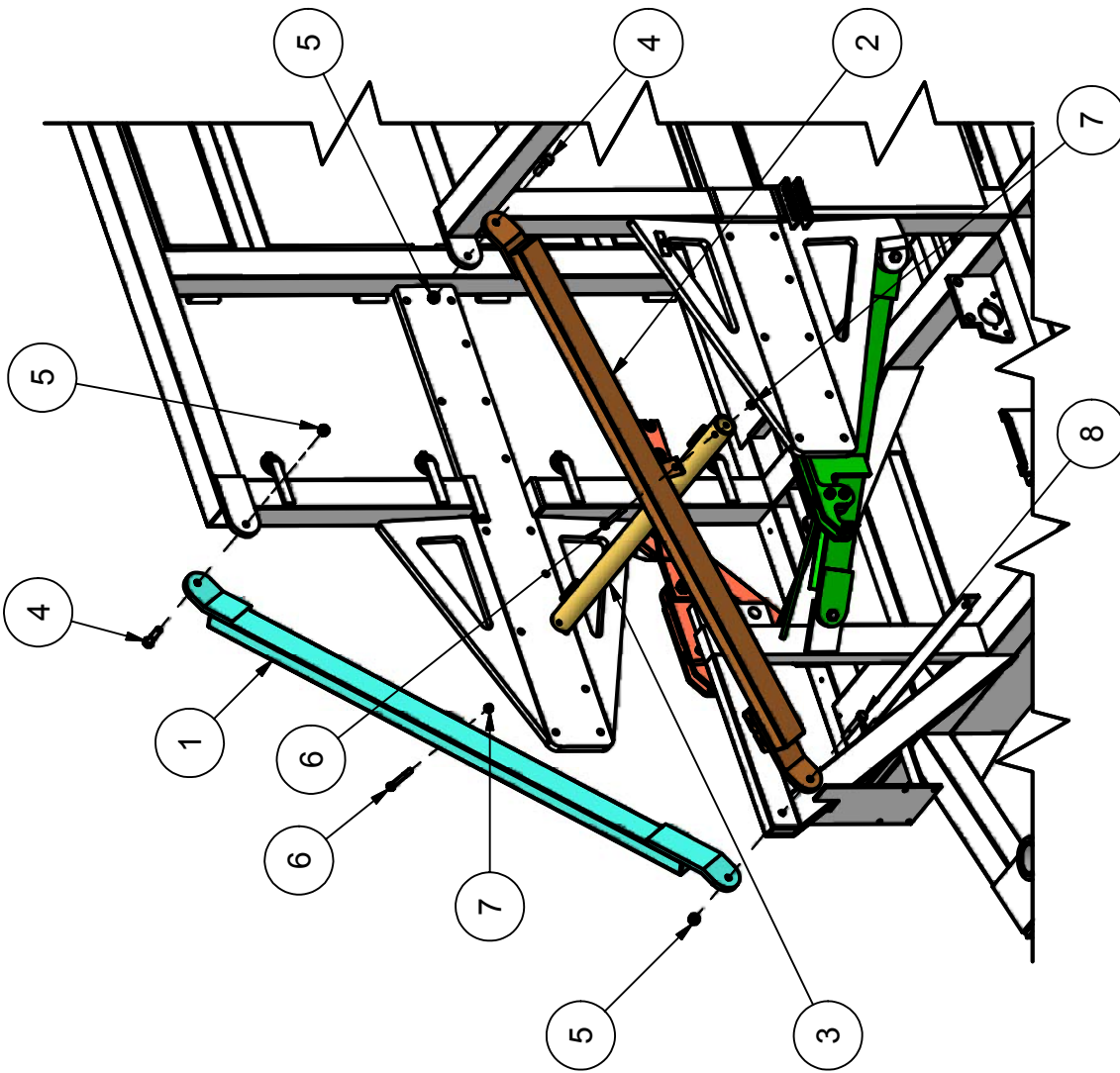
# **BALE BAND-IT PARTS**

## **STRAP ROLLER - BRACES SECTION 155**

**155**

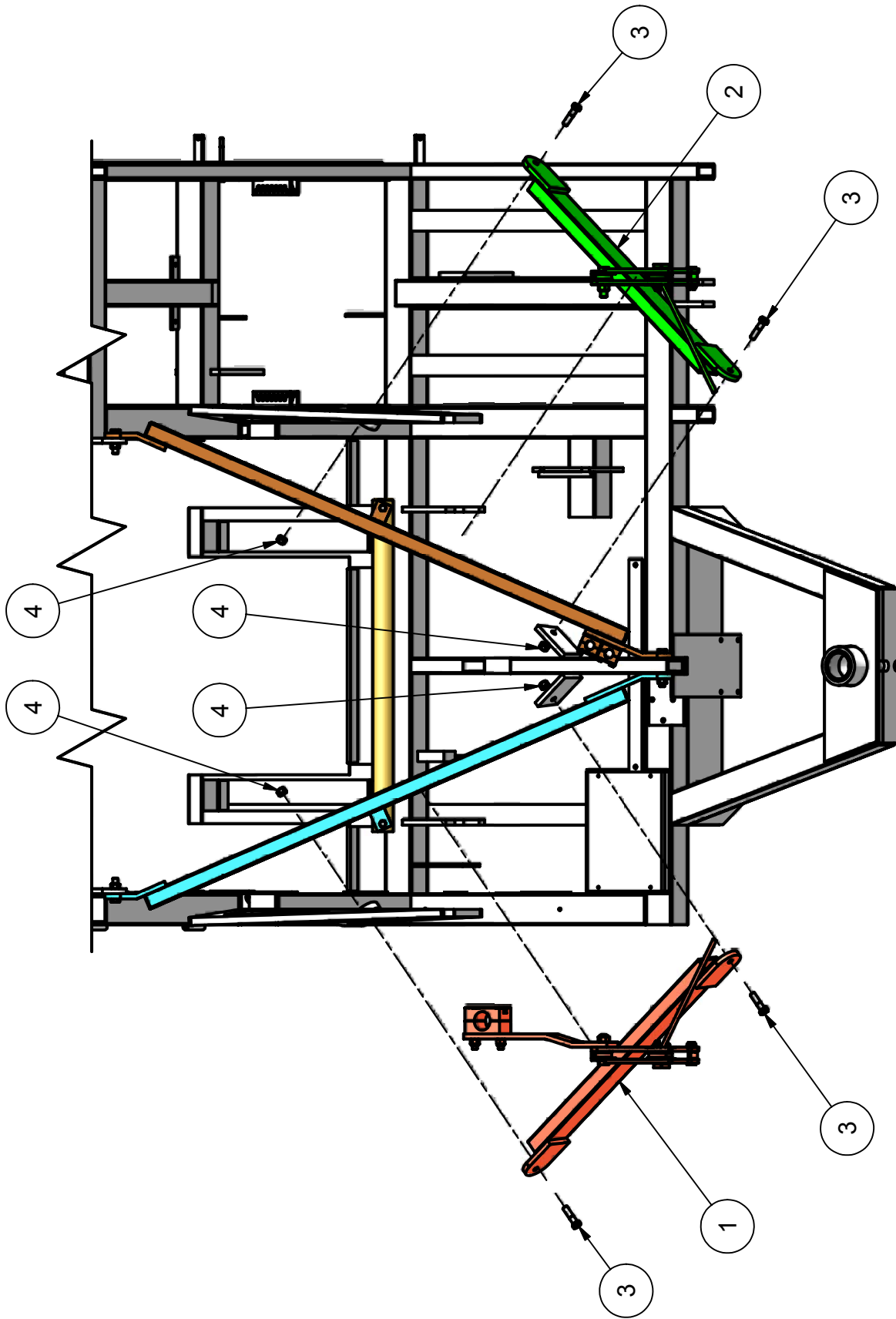
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<b>LOWER BRACES</b>	<b>2</b>
<b>STRAP CRIMPER – RIGHT</b>	<b>3 – 4</b>
<b>STRAP CRIMPER – LEFT</b>	<b>5 – 6</b>



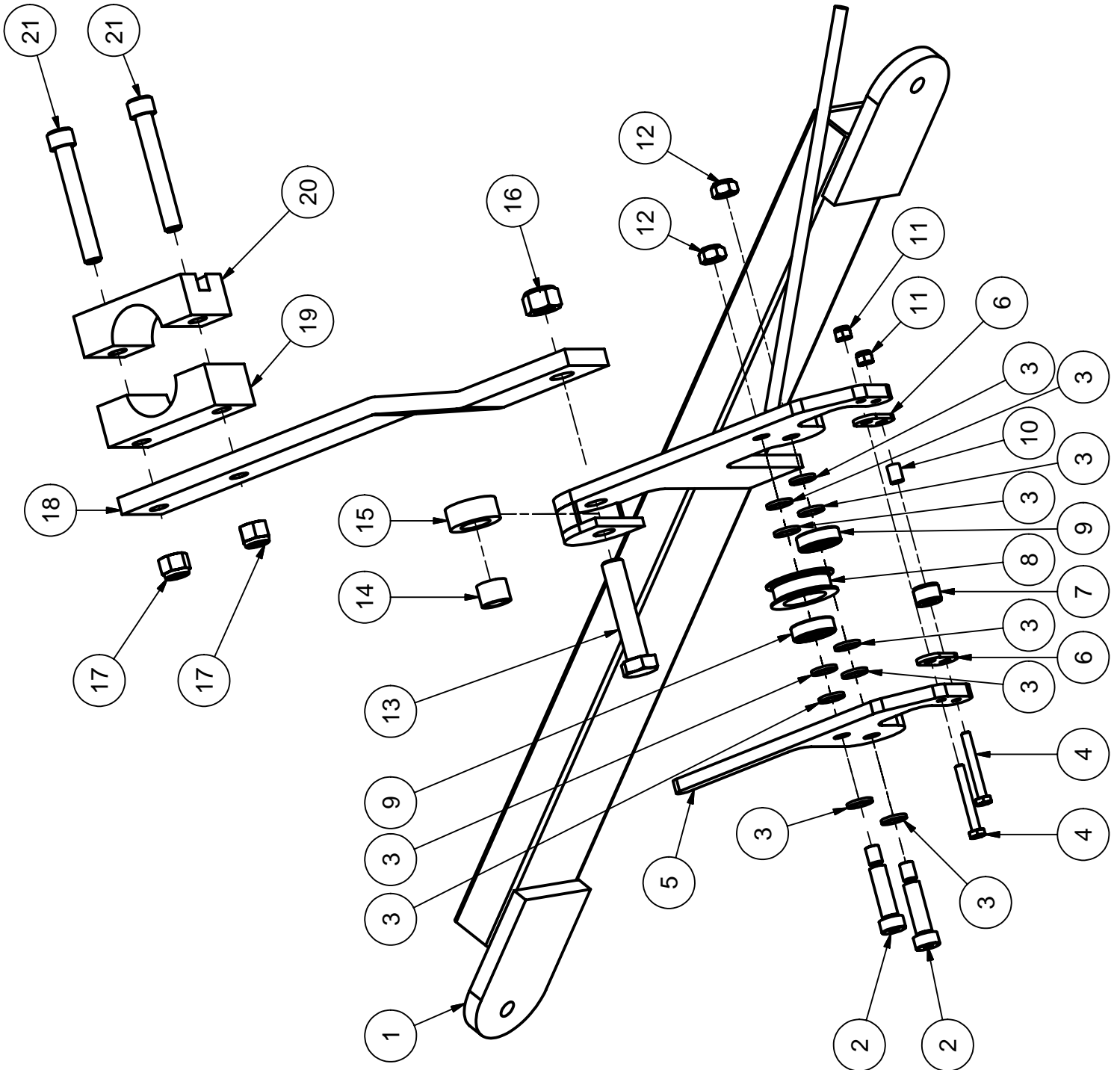
Upper Braces				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	1-M-D Weldment	Upper Brace - Right	
2	1	1-M-E Assembly	Upper Brace - Left	
3	1	1-M-00000	Upper - Cross Brace	
4	6	ANSI B18.2.1 - 1/2 - 13 - 2	Hex Cap Screw	
5	7	Hex Lock Nut - .5 - 13		
6	2	ANSI B18.2.1 - 3/8 - 16 - 3	Hex Cap Screw	
7	2	Hex Lock Nut - .375 - 16		
8	1	ANSI B18.2.1 - 1/2 - 13 - 3 1/4	Hex Cap Screw	





Lower Braces			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-M-FAssembly	Strap Crimper - Right
2	1	1-M-GAssembly	Strap Crimper - Left
3	4	ANSI B18.2.1 - 1/2 - 13 - 2	Hex Cap Screw
4	4	Hex Lock Nut - .5 - 13	

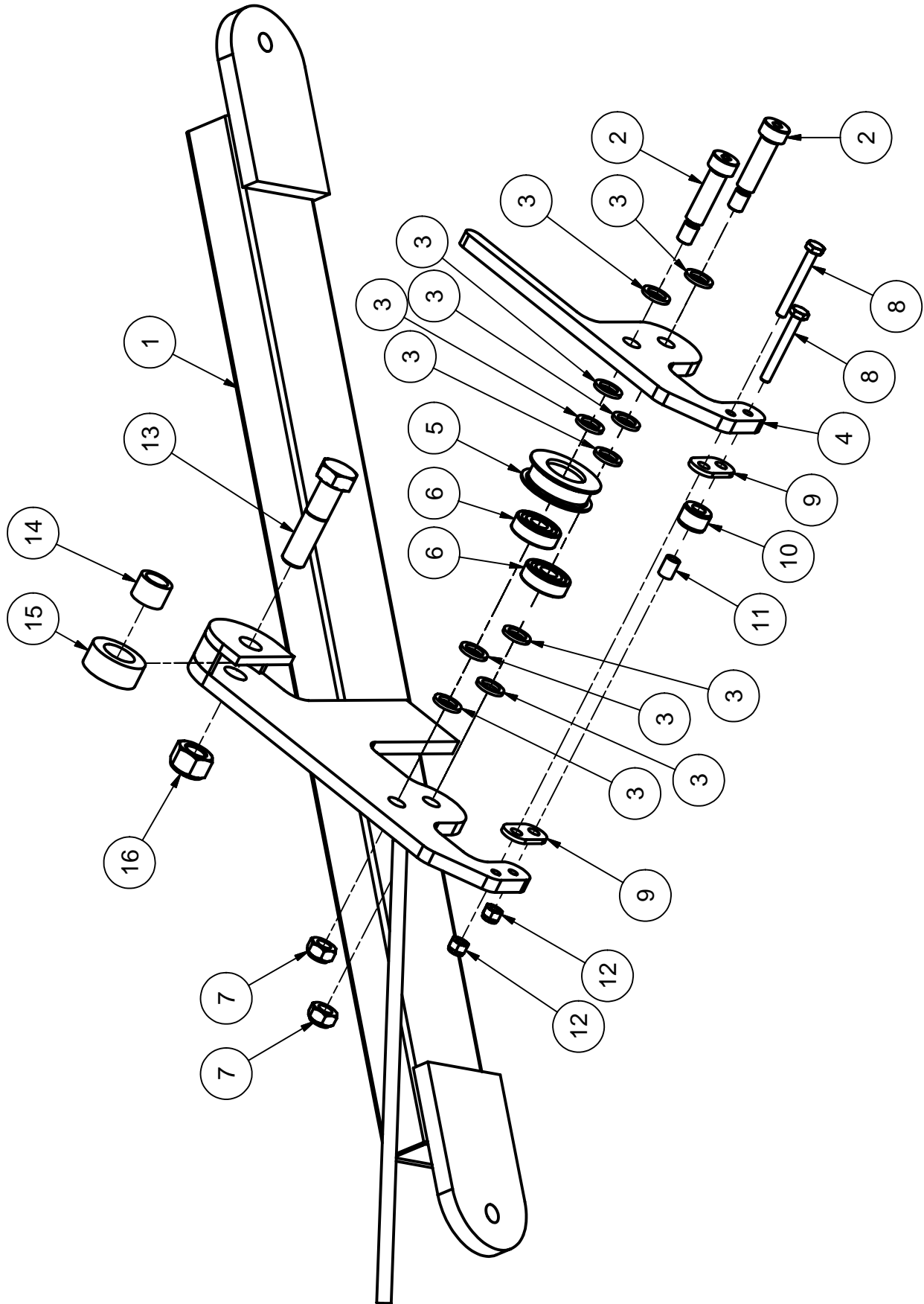




Strap Crimper - Right			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-M-0000F	
2	2	1-Z-0102	Socket Head Shoulder Screw, M10 THRD X 12 MM OD X 40 MM Long
3	10	1-Z-0123	Washer, Machine 0.5" ID 0.75" OD x 0.09375"
4	2	1-Z-0021	Hex Cap Screw, 0.25" - 20 UNC X 2"
5	1	1-M-0145	
6	2	1-M-0177	Bolt on guide plates
7	1	1-M-0079	
8	1	1-M-0155	Crimper Roller
9	2	1-Y-0052	Bearing, .4724"ID x 1.2598"OD x .3937" Thick (Tol = +0.0050, -0.0000)
10	1	1-Y-0060	Bushing, bronze, oil impreg .25IDx.375ODx.5
11	2	1-Z-0075	Nylon Lock Nut, 0.25" - 20 UNC
12	2	1-Z-0083	Nylon Lock Nut, M10
13	1	1-Z-0052	Hex Cap Screw, 0.625" - 11 UNC x 3", GRD 5
14	1	1-Y-0268	ID 5/8", OD 7/8" x 5/8" Thick SAE 841 Bronze sleeve bearing
15	1	1-M-0163	
16	1	1-Z-0079	Nylon Lock Nut, 0.625" - 11 UNC
17	2	1-Z-0078	Nylon Lock Nut, 0.5" - 13 UNC
18	1	1-M-0098	
19	1	1-M-0080	
20	1	1-M-0076	
21	2	1-Z-0098	Socket Head Cap Screw, 0.5" -13 UNC x 3.5"







Strap Crimper - Left			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-M-0000G	
2	2	1-Z-0102	Socket Head Shoulder Screw, M10 THRD X 12 MM OD X 40 MM Long
3	10	1-Z-0123	Washer, Machine 0.5" ID 0.75" OD x 0.09375"
4	1	1-M-0145	
5	1	1-M-0155	Crimper Roller
6	2	1-Y-0052	Bearing, .4724"ID x 1.2598"OD x .3937" Thick (Tol = +0.0050, -0.0000)
7	2	1-Z-0083	Nylon Lock Nut, M10
8	2	1-Z-0021	Hex Cap Screw, 0.25" - 20 UNC X 2"
9	2	1-M-0177	Bolt on guide plates
10	1	1-M-0079	
11	1	1-Y-0060	Bushing, bronze, oil impreg .25IDx.375ODx.5
12	2	1-Z-0075	Nylon Lock Nut, 0.25" - 20 UNC
13	1	1-Z-0051	Hex Cap Screw, 0.625" - 11 UNC x 2.5", GRD 5
14	1	1-Y-0268	ID 5/8", OD 7/8" x 5/8" Thick SAE 841 Bronze sleeve bearing
15	1	1-M-0163	
16	1	1-Z-0079	Nylon Lock Nut, 0.625" - 11 UNC



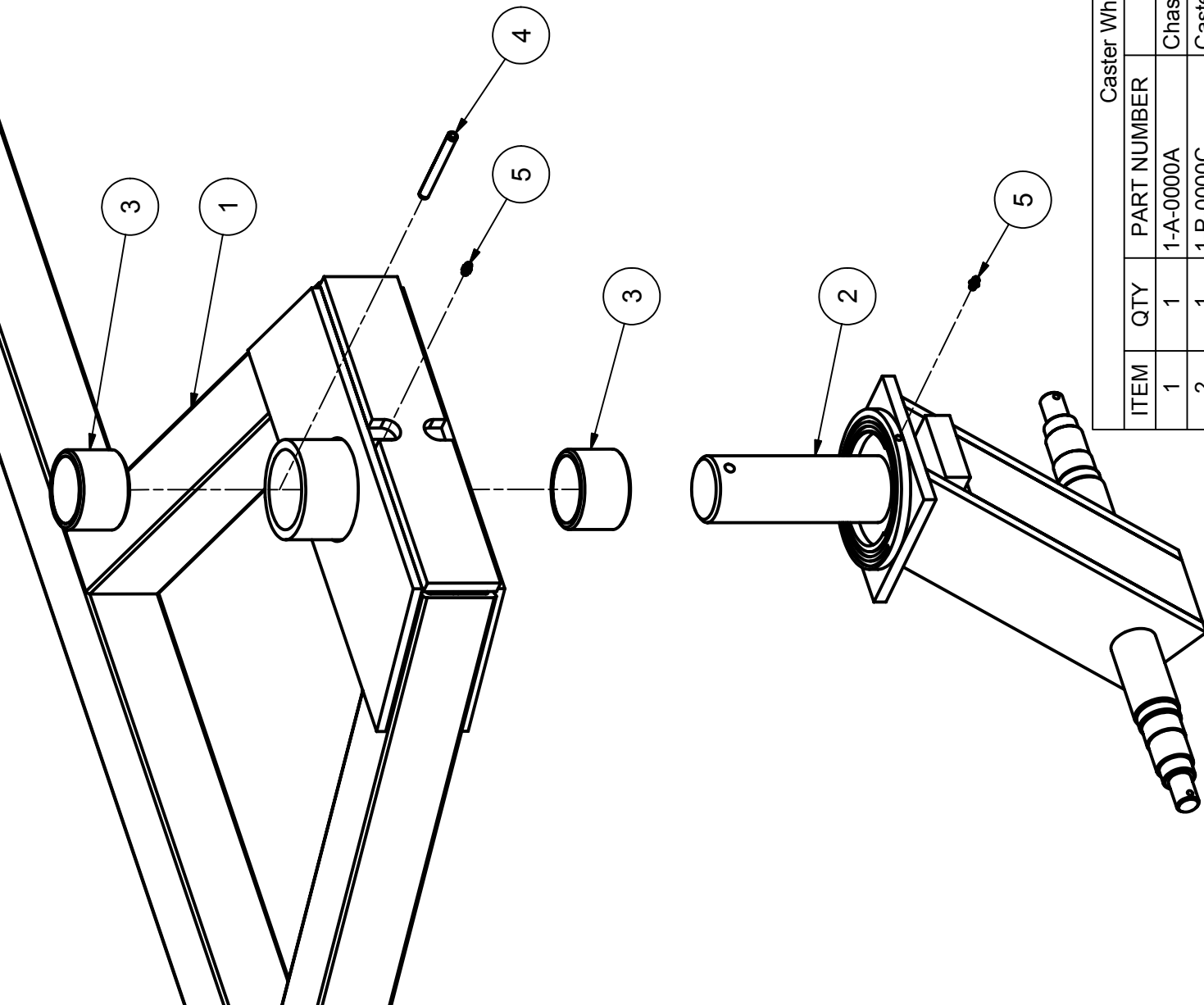
# **BALE BAND-IT PARTS**

## **TIRES & WHEELS SECTION 160**

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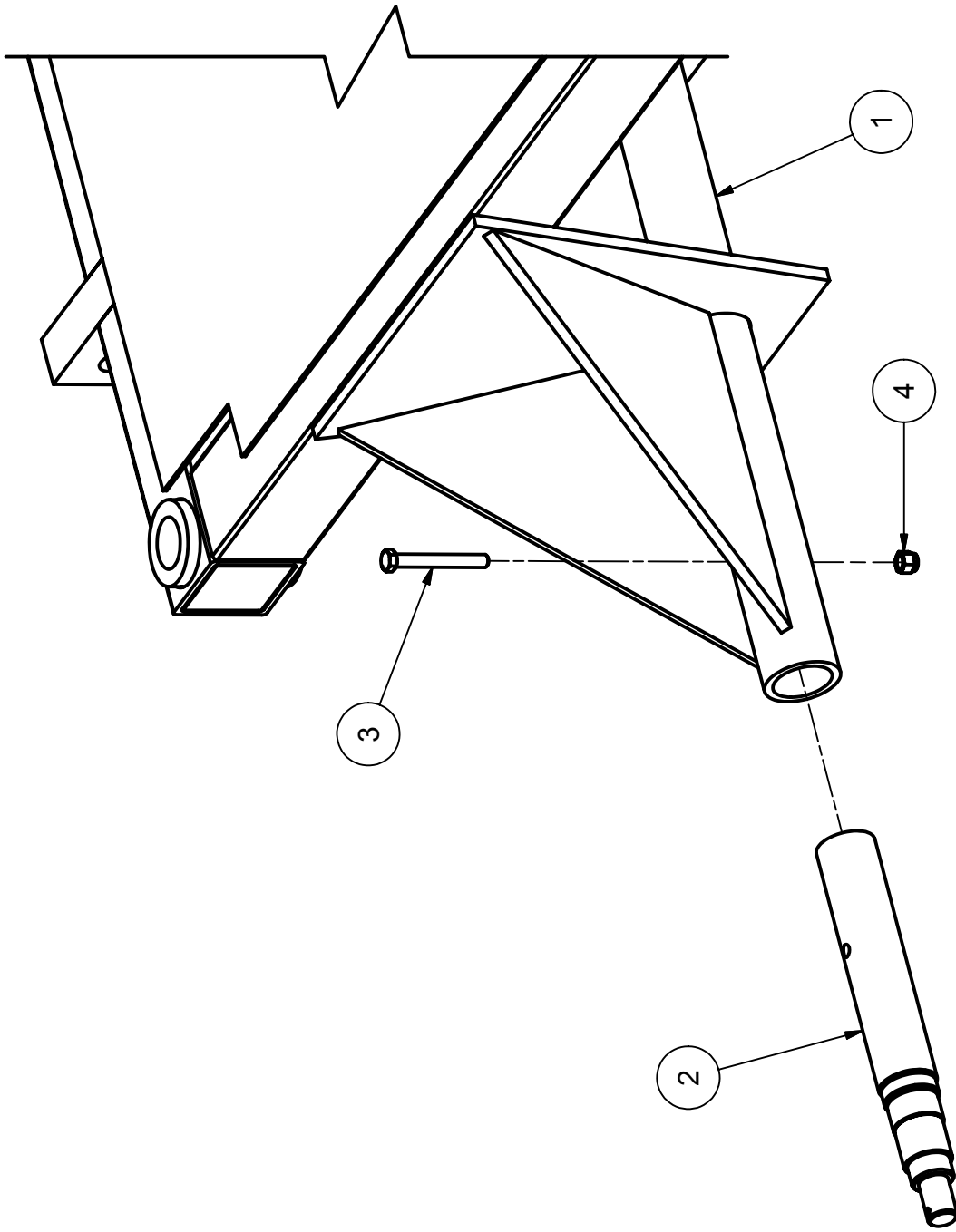
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<b>REAR SPINDLE ASSEMBLY</b>	<b>2</b>

**160**



Caster Wheel Assembly		DESCRIPTION
ITEM	QTY	PART NUMBER
1	1	1-A-0000A
2	1	1-P-0000C
3	2	9-150-010073
4	1	SpringPin 3/8x3.5
5	2	Grease Zerk
		Chassis Weldment
		Caster Wheel
		Chrome-Vanadium Spring Steel AISI -SAE 6150
		1/4 UNF ST Zerk





Rear Spindle Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	Final Weldment	
2	2	1-M-0097	Rear Spindle
3	2	3/8-16 UNC - 3	HexCapScrewInch
4	2	Nylock Nut	3/8 Std NC Nylock Nut



# **BALE BAND-IT PARTS**

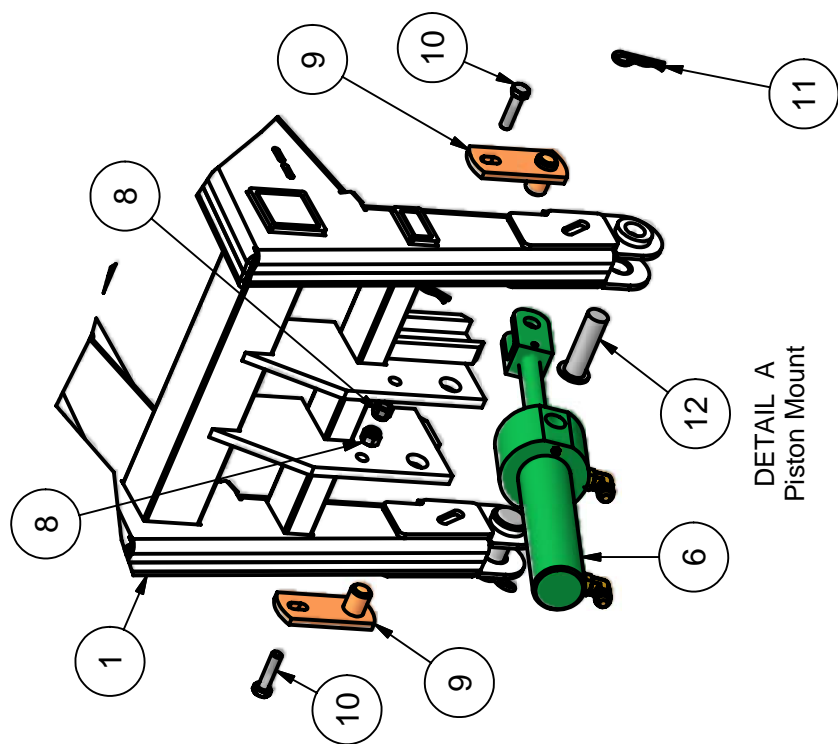
## **VERTICAL PLUNGER SECTION 165**

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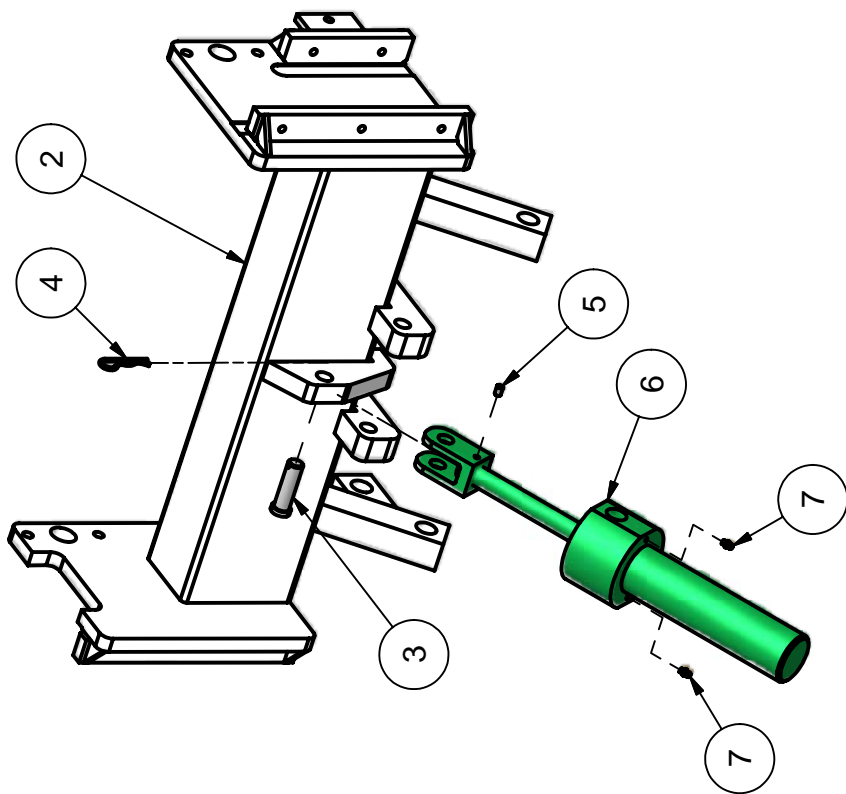
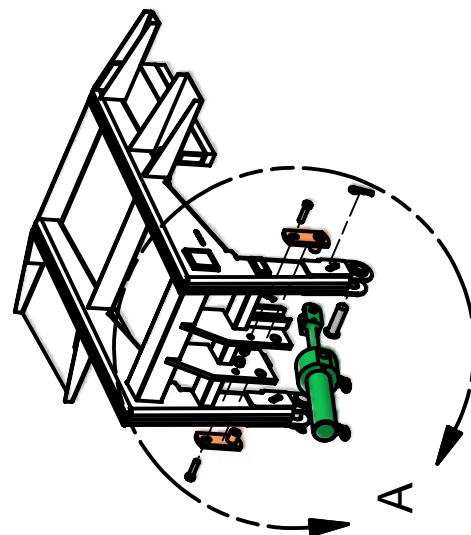
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VERTICAL SWING ASSEMBLY	3 – 4
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VERTICAL PLUNGER: NYLATRON GUIDES, GEAR-PINION, & BALE STOP – RIGHT	6
VERTICAL PLUNGER MAGNET HOLDER	7



**165**

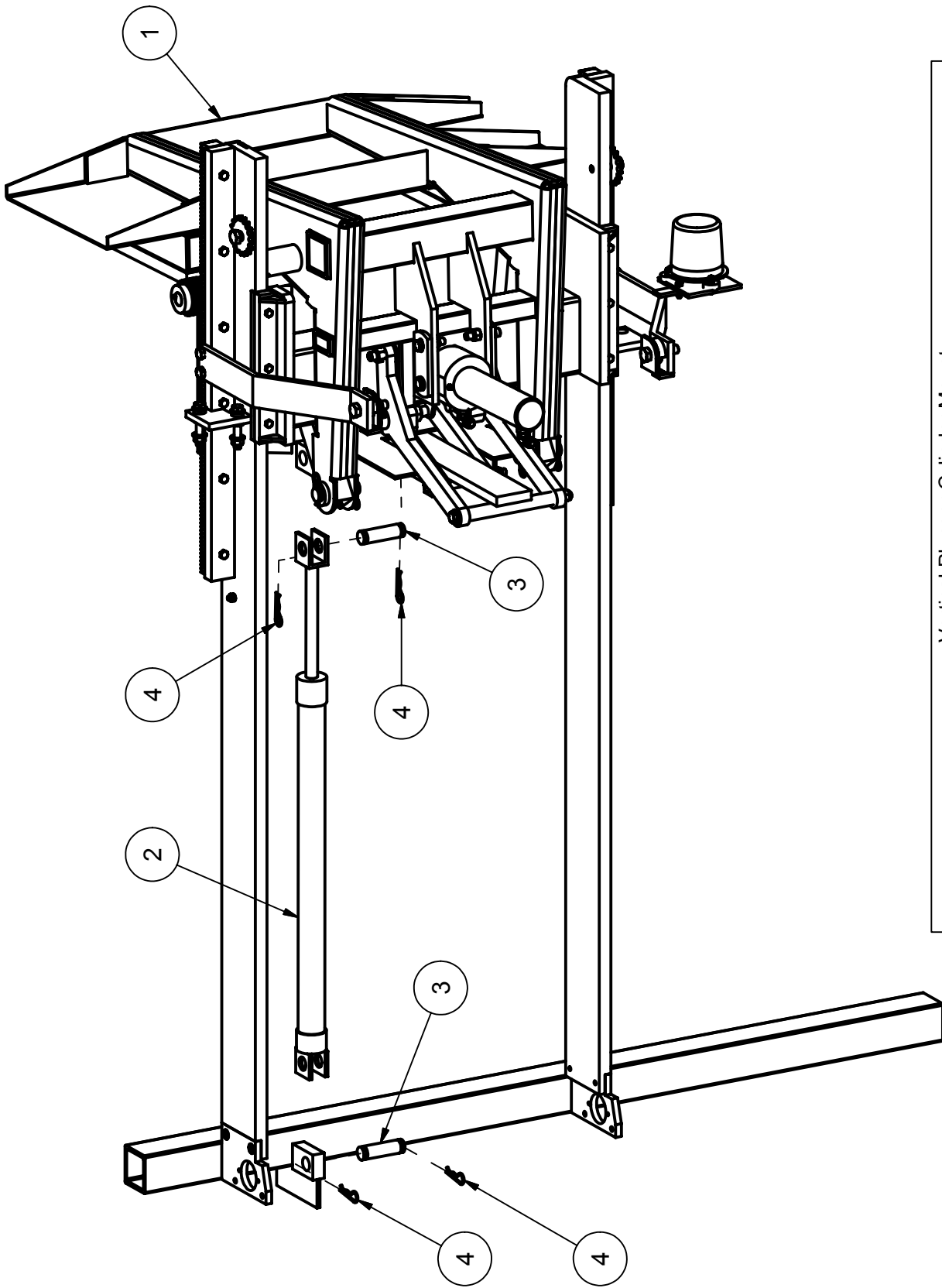


DETAIL A  
Piston Mount



Vertical Swing Cylinder Mount		DESCRIPTION
ITEM	QTY	PART NUMBER
1	1	1-L-0000A
2	1	1-L-0000B
3	1	1-Y-0135
4	1	1-Z-0001
5	1	1-Z-0131
6	1	1-Y-0088
7	2	1-Z-0015
8	2	1-Z-0078
9	2	1-M-0000AA
10	2	1-Z-0043
11	2	1-Z-0002
12	2	1-Y-0137
		VERTICAL PLUNGER TOP WELDMENT
		V PLUNGER BOTTOM WELDMENT
		Pin, Clevis .75" OD x 1.766" Usable, 2" Overall Length
		Cotter, Hair Pin 0.178" Wire Dia, Fits 1" Shaft
		Socket Set Screw Flat Point, 0.3125" - 18 UNC X 0.5"
		Cylinder, Vertical Swing 2" bore 1" rod 6.75" stroke
		Grease Zerk - Straight, self tapping 0.25" - 28
		Nylon Lock Nut, 0.5" - 13 UNC
		PIN WELDMENT FOR VERTICAL SWING CYLINDER
		Hex Cap Screw, 0.5" - 13 UNC X 2" GRD 5
		Cotter, Hair Pin 0.178" Wire Dia, Fits 1" Shaft
		Pin, Clevis 1" OD x 3.20" Usable, 3.5" Overall Length

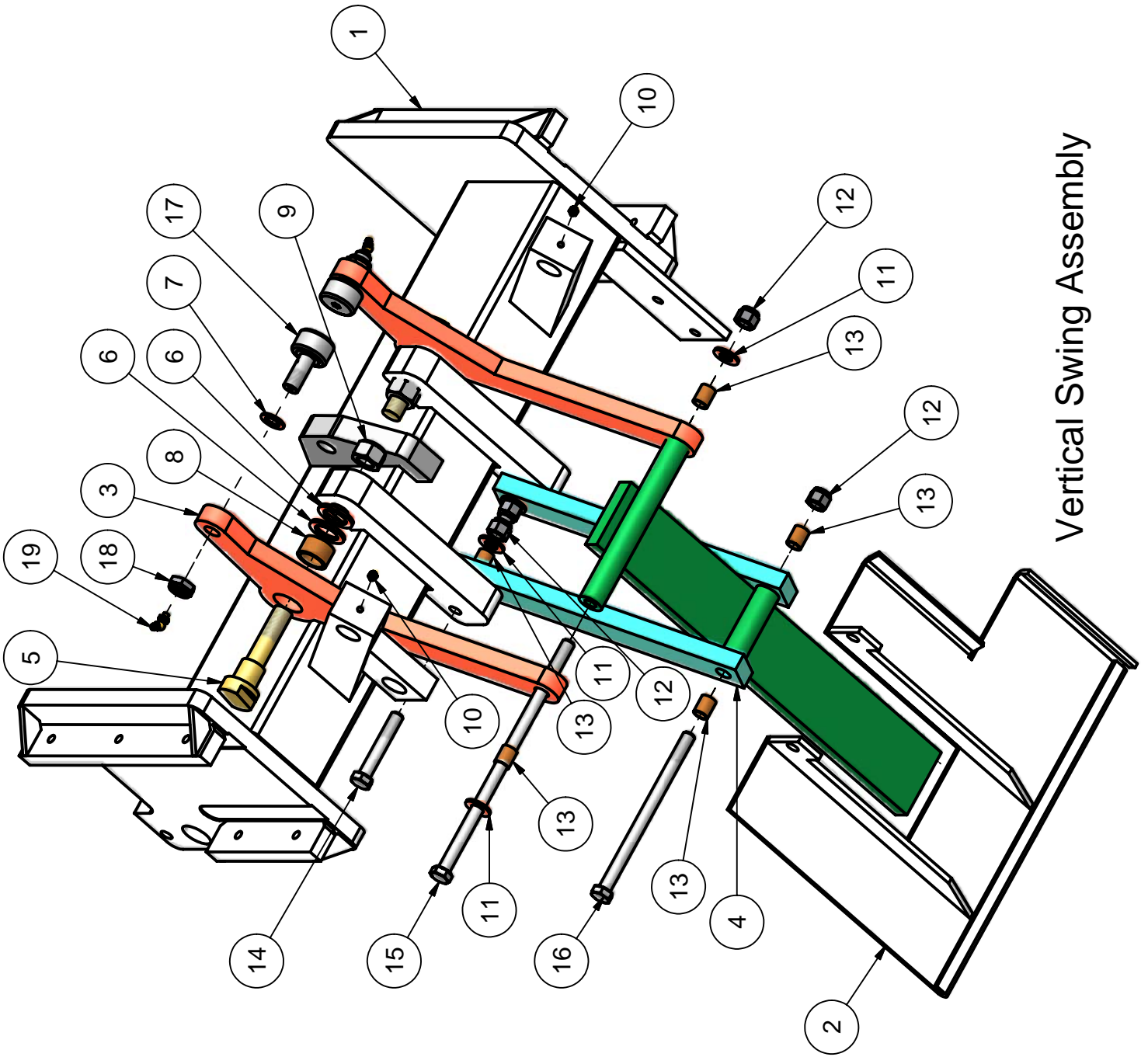




Vertical Plunger Cylinder Mount			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-L-Assembly	Vertical Plunger
2	1	Vertical Plunger Cylinder	1.5" Bore x 0.875" Rod x 25.5" Stroke
3	2	Pin - 1 - 3.5625	
4	4	CotterPin	







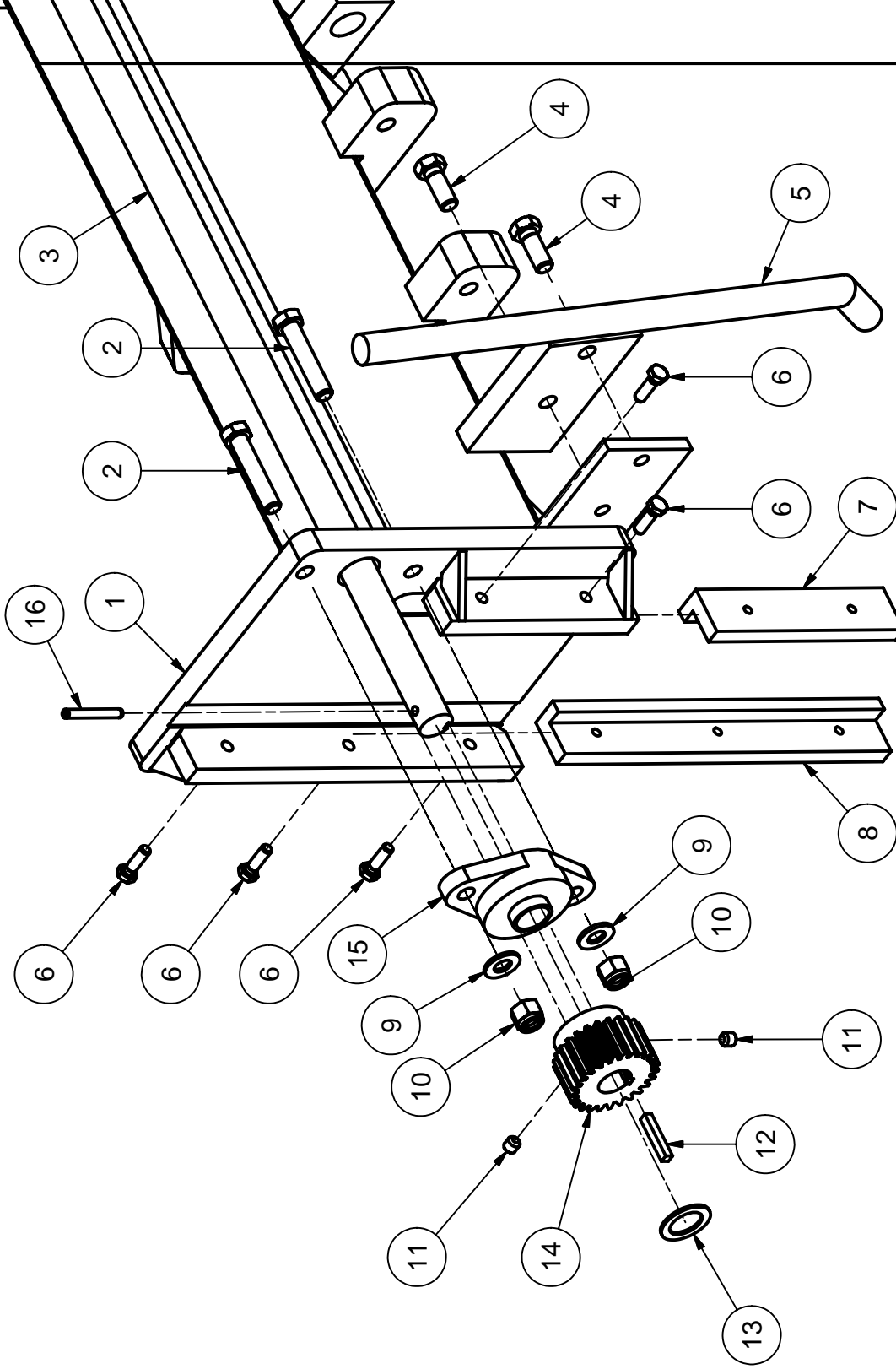
Vertical Swing Assembly



Vertical Swing Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-L-0000B	VERTICAL PLUNGER BOTTOM WELDMENT
2	1	1-L-0000E	VERT SWING TABLE PLATE WELDMENT
3	2	1-L-0015	VERT SWING DRIVER ARM
4	2	1-L-0027	VERT SWING IDLER ARM
5	2	1-L-0041	VERT SWING DRIVER SHAFT
6	4	1-Z-0129	Washer, Machine 1" ID x 1.5" OD x 0.125"
7	2	1-Z-0125	Washer, machine 0.625" ID x 1" OD x 0.075" (As needed)
8	2	1-Y-0063	Bushing, bronze, oil impreg 1IDx1.25ODx.75
9	2	1-Z-0080	Nylon Lock Nut, 0.75" - 10 UNC
10	4	1-Z-0015	Grease Zerk - Straight, self tapping 0.25" - 28
11	8	1-Z-0118	Washer, Flat Normal 0.5"
12	10	1-Z-0078	Nylon Lock Nut, 0.5" - 13 UNC
13	6	1-Y-0172	Bronze Bushing, .5" ID x .625" OD x .75" Long
14	2	1-Z-0046	Hex Cap Screw, 0.5" - 13 UNC X 3", GRD 5
15	1	1-Z-0042	Hex Cap Screw, 0.5" - 13 UNC X 11", GRD 8
16	1	1-Z-0049	Hex Cap Screw, 0.5" - 13 UNC X 7.5", GRD 8
17	2	1-Y-0474	Track Rollers, 1-1/2" Roller Dia, 7/8" W, 5/8"-18 - Special
18	2	1-Z-0236	Nylon Lock Jam Nut, .625" - 18 UNF
19	2	1-Z-0255	Grease zerk self-tapping 45 degree 0.25" - 28



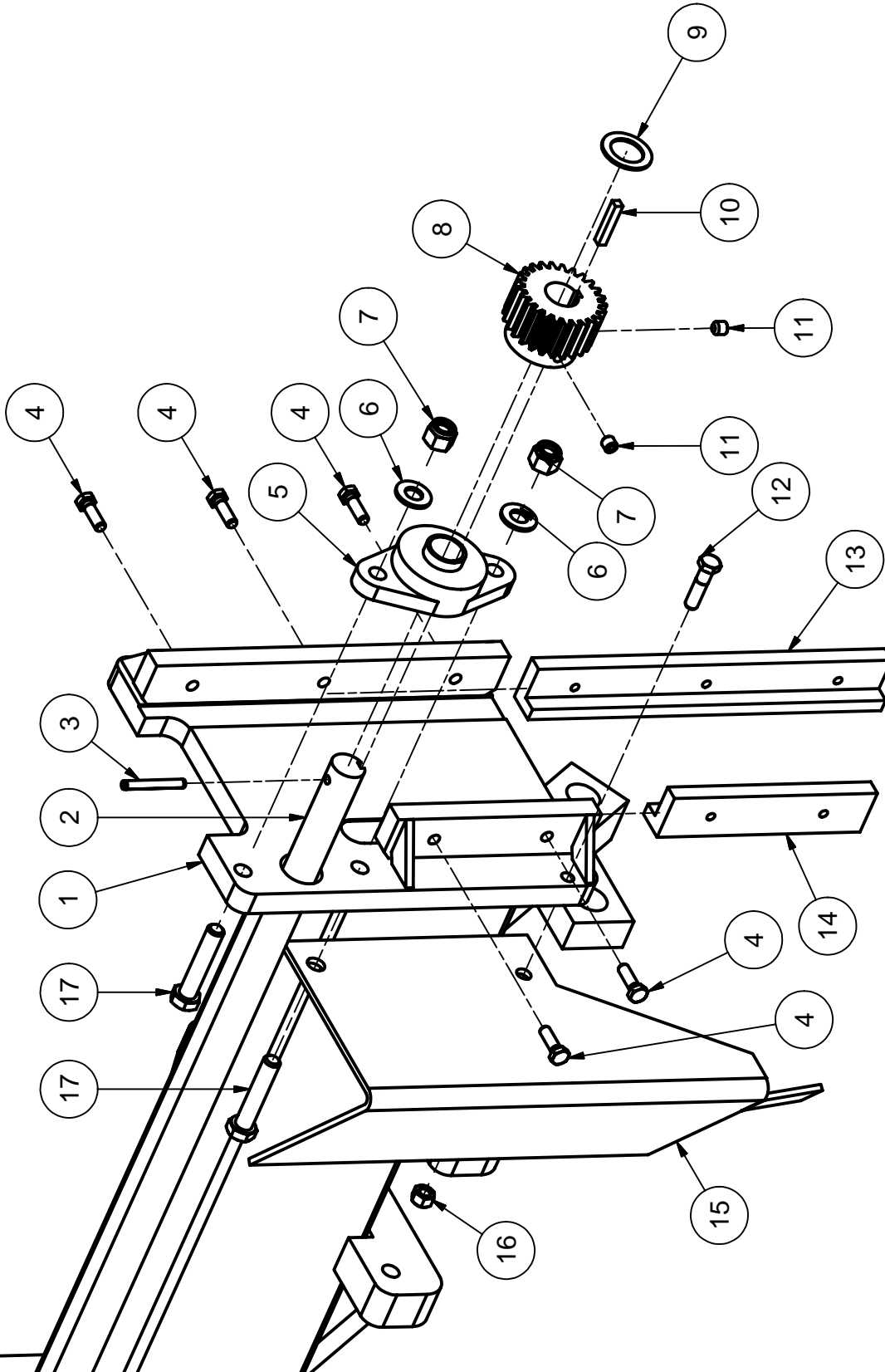
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Vertical Plunger: Nylatron Guides, Gear-Pinion, & Bale Stop		Vertical Plunger: Nylatron Guides, Gear-Pinion, & Bale Stop	
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-L-0000B	V PLUNGER BOTTOM WELDMENT
2	2	1-Z-0045	Hex Cap Screw, 0.5" - 13 UNC X 2.5", G5
3	1	1-M-0043	1" Dia x 36" Length
4	2	1-Z-0040	Hex Cap Screw, 0.5" - 13 UNC X 1.25", G5
5	1	1-L-0000G	VERTICAL PLUNGER BALE GUIDE BAR
6	5	1-Z-0023	Hex Cap Screw, 0.3125" - 18 UNC X 1", G5
7	1	1-M-0075	Nylatron Guide
8	1	1-M-0074	Nylatron Guide
9	2	1-Z-0118	Washer, Flat Normal 0.5"
10	2	1-Z-0078	Nylon Lock Nut, 0.5" - 13 UNC
11	2	1-Z-0108	Socket Set Screw Flat Point, 0.375" - 16 UNC X 0.375"
12	1	1-Z-0065	Keystock, 0.25" X 1.5" Long
13	1	1-Z-0128	Washer, Machine 1" ID X 1.5" OD X 0.075"
14	1	1-Y-0159	gear, spur - 20 degree pressure angle
15	1	1-Y-0055	Bearing, 1" ID W/ Mounting Block
16	1	1-Z-0110	Spring Pin 0.25" X 2" Long

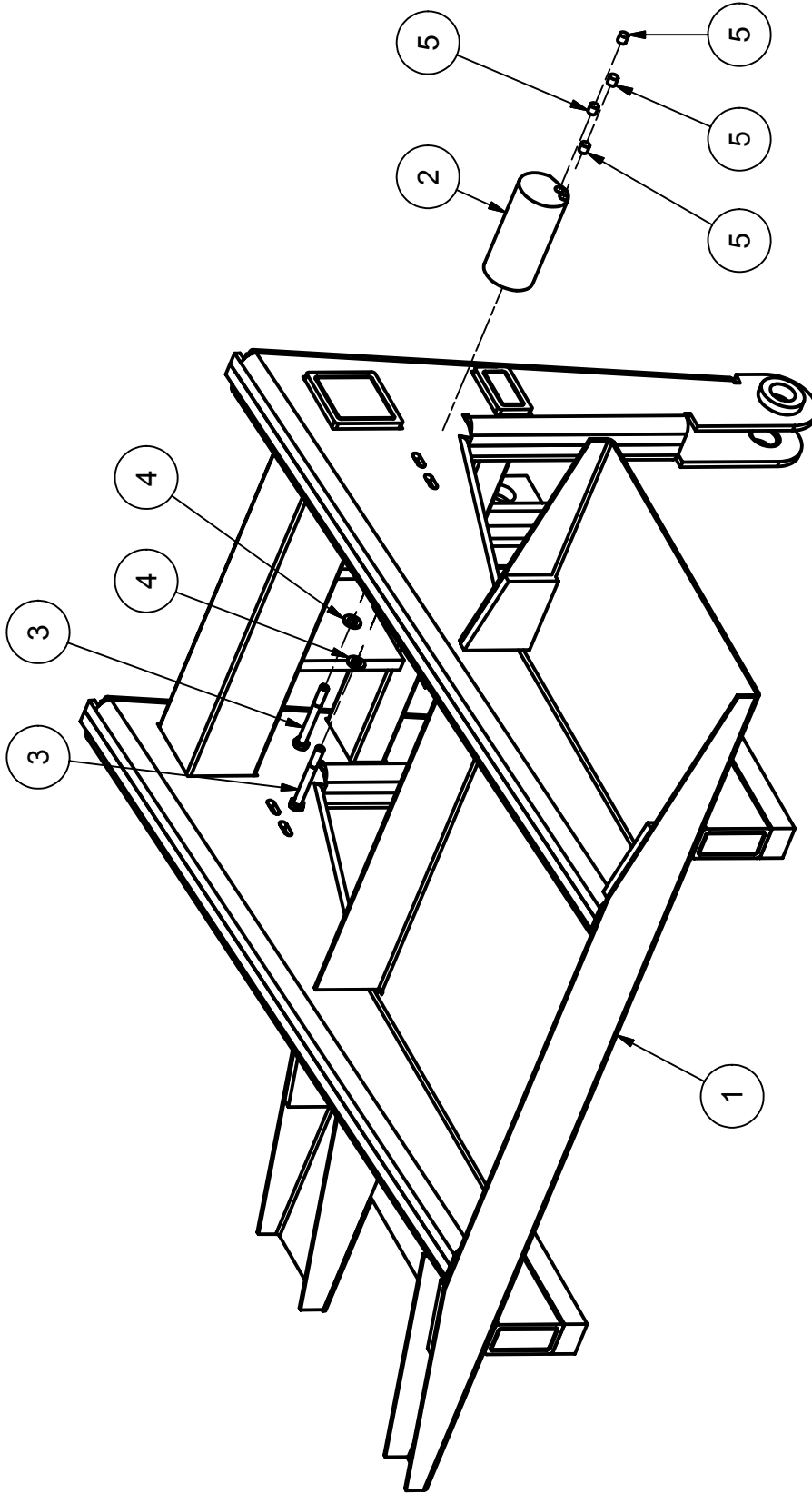


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Vertical Plunger: Nylatron guides, Gear-Pinion, & Bale Stop		Vertical Plunger: Nylatron guides, Gear-Pinion, & Bale Stop	
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-L-0000B	V PLUNGER BOTTOM WELDMENT
2	1	1-M-0043	1" Dia x 36" Length
3	1	1-Z-0110	Spring Pin 0.25" X 2" Long
4	5	1-Z-0023	Hex Cap Screw, 0.3125" - 18 UNC X 1", G5
5	1	1-Y-0055	Bearing, 1" ID W/ Mounting Block
6	2	1-Z-0118	Washer, Flat Normal 0.5"
7	2	1-Z-0078	Nylon Lock Nut, 0.5" - 13 UNC
8	1	1-Y-0159	gear, spur - 20 degree pressure angle
9	1	1-Z-0128	Washer, Machine 1" ID X 1.5" OD X 0.075"
10	1	1-Z-0065	Keystock, 0.25" X 1.5" Long
11	2	1-Z-0108	Socket Set Screw Flat Point, 0.375" - 16 UNC X 0.375"
12	1	1-Z-0030	Hex Cap Screw, 0.375" - 16 UNC X 1.5", G5
13	1	1-M-0074	Nylatron Guide
14	1	1-M-0075	Nylatron Guide
15	1	1-L-0018	VERTICAL PLUNGER BALE GUIDE PLT
16	1	1-Z-0077	Nylon Lock Nut, 0.375" - 16 UNC
17	2	1-Z-0045	Hex Cap Screw, 0.5" - 13 UNC X 2.5", G5





Vertical Plunger Magnet Holder		PART NUMBER	DESCRIPTION
ITEM	QTY		
1	1	L-A Weldment	
2	1	1-M-0059	
3	2	ANSI B18.2.1 - 5/16 - 18 - 2 3/4	Hex Cap Screw
4	2	ANSI B18.22.1 - 5/16 - narrow - Type A	Washer A
5	4	4949 Magnet 0.33 x 0.33	

