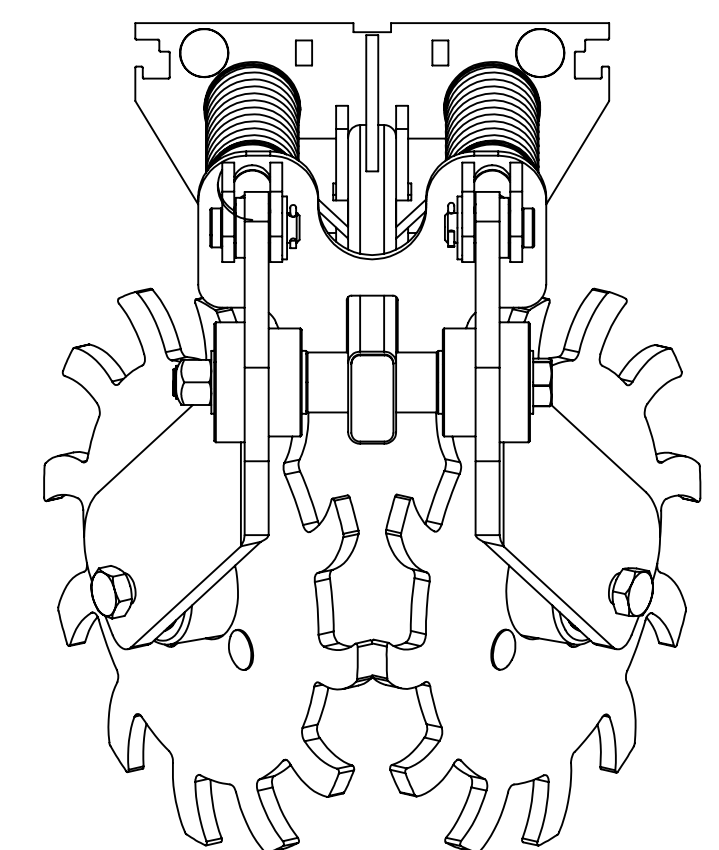
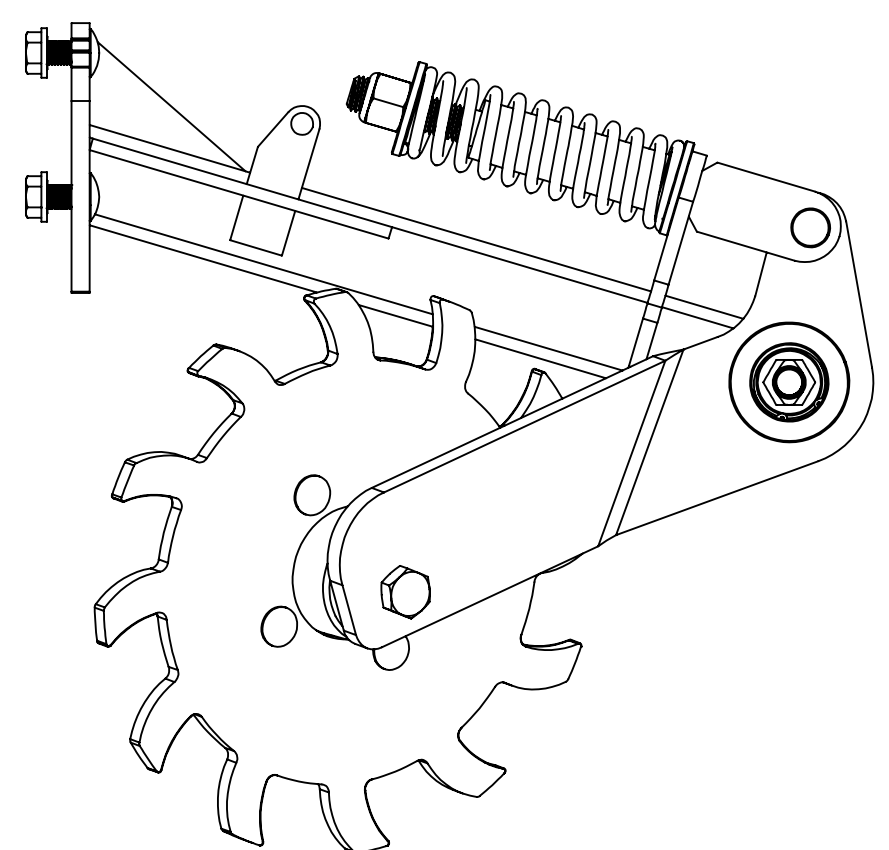


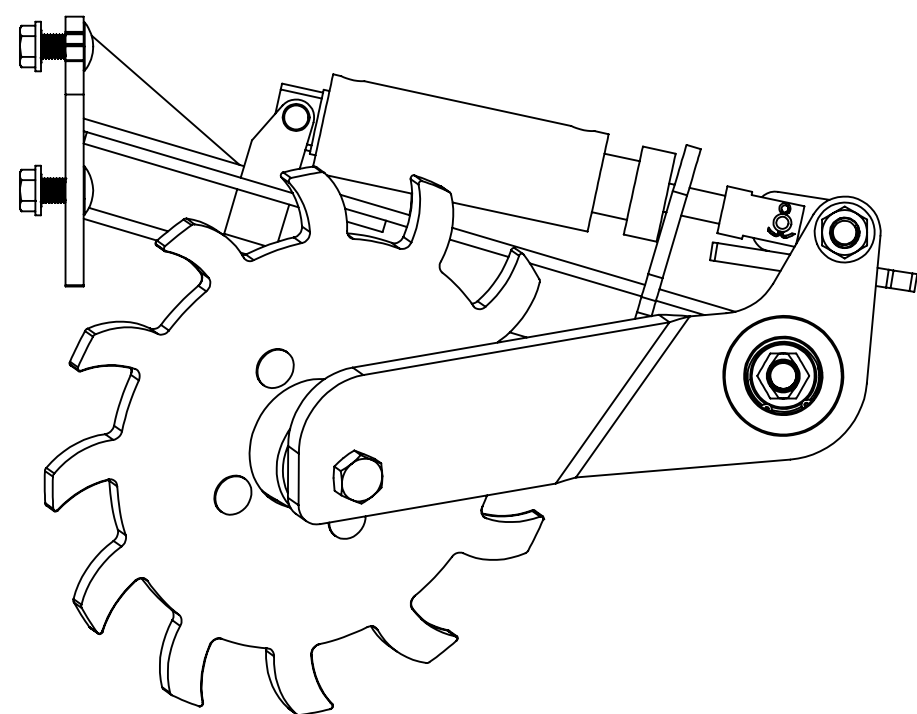
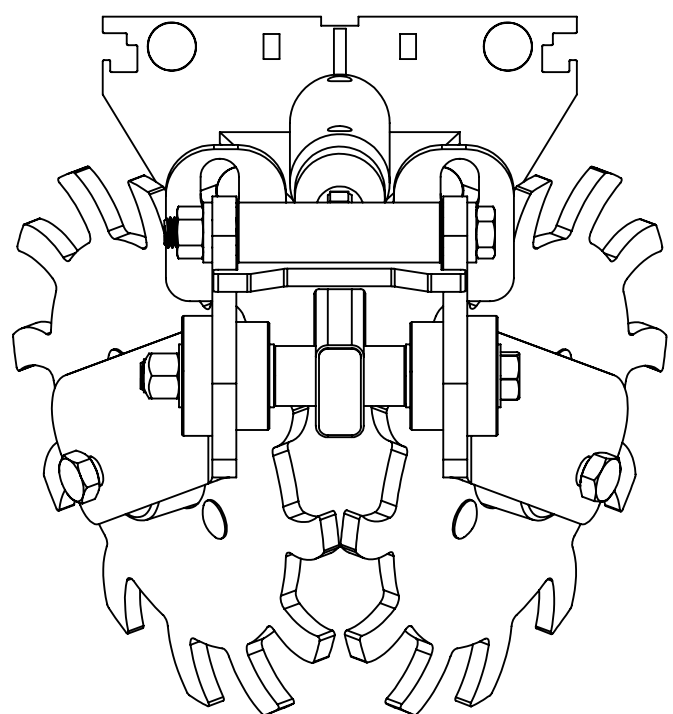
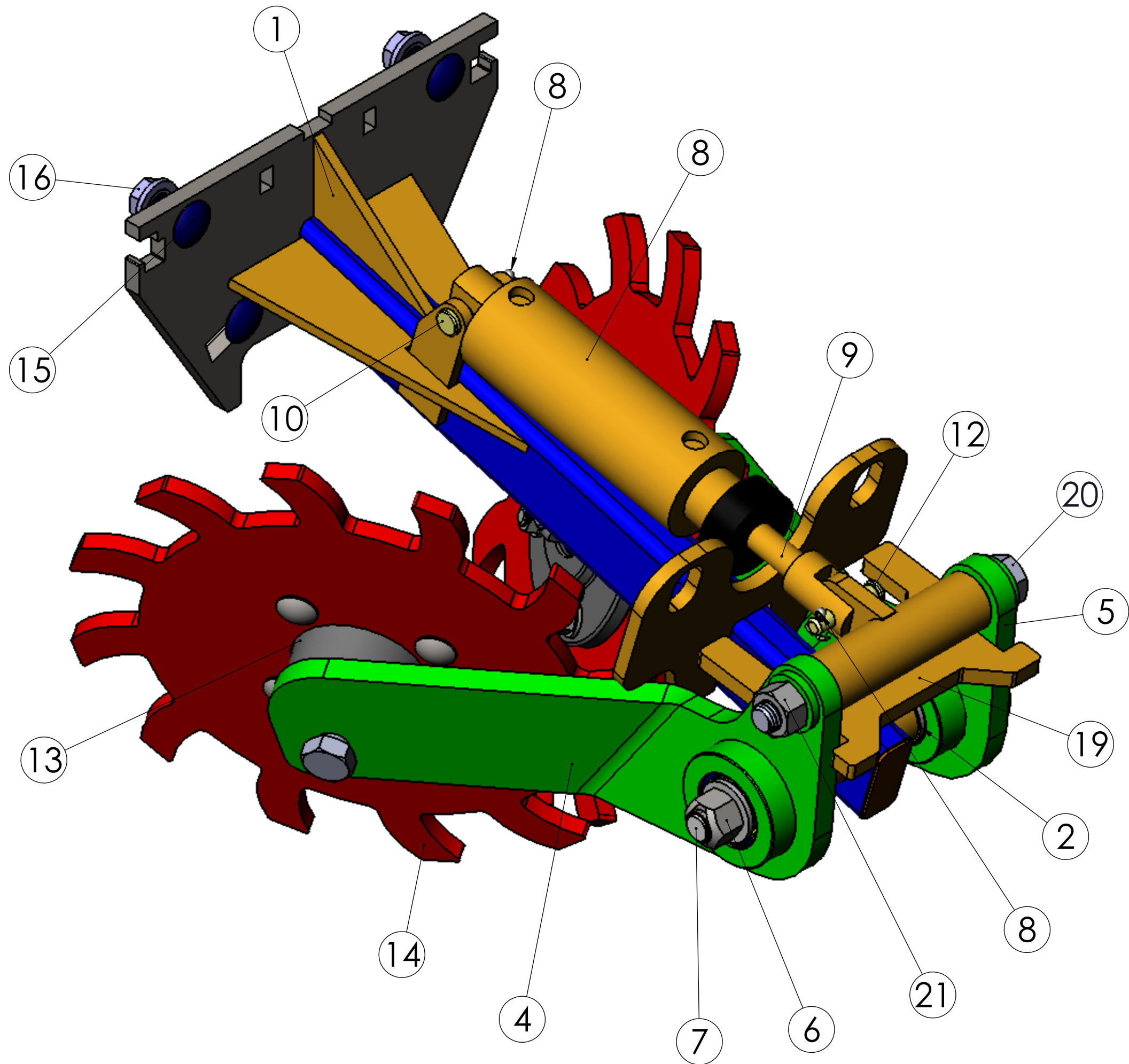
ITEM NO.	QTY.	PART NAME	DESCRIPTION	Length	Vendor	PartNo
1	1	444-01	Frame weldment			
2	4	98023A035	Yel Zinc gr. 8 5/8" washer	.125"	n/a	98023A035
3	2	375-12	swept back row cleaner	n/a	Premier Fabrication	375-12
4	2	97135A280	3/4-10" nylock nut gr.8 yellow zinc	7/8"	McMaster-Carr	384-23
5	2	384-02	Spring rod weldment	1.53	Premier Fabrication	384-02
6	4	359-11	Spring centering washer yellow zinc	7/16"	APM	359-11
4a	2	96485K141	Coil spring	6"	WB Jones spring	384-10
8	1	433-002	Left arm sub assembly			
9	1	433-003	Right arm sub assembly			
10	1	384-30	5/8-11" Toplock nut gr. 9 yellow zinc	.731"	Fastenal	38066
11	2	384-12	5/8" washer -clevis pin yellow zinc gr. 8	.125"	McMaster-Carr	98023A035
12	2	433-8	5/8" Clevis pin yellow zinc	1.61"	McMaster-carr	
13	2	433-17	Cotter pin 1/8" yellow zinc	1"	McMaster-carr	98338A220
14	1	91257A821	Hex bolt	7.5"	McMaster-carr	
15	2	444-11	tube stop	a	a	
32	2	444-03	Hub assem.			
20a	2	375-4	1 1/2" style row cleaner			
18	4	384-18	1/2-13" Carriage bolt gr.5 yellow zinc	1.25"	McMaster-Carr	90185A712
19	4	94831A661	1/2-13" yellow zinc gr. 8 toplock flange nut	29/64"	Fasteners	384-19
20	1	475-1	left scraper			
21	1	475-2	Right scraper			



1	REVISION RN_NO	UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TWO PL. DEC. ±.02 THREE PL. DEC. ±.005 ANGLES ±.5° ONE PL. MM. ±0.5 TWO PL. MM. ±0.13 TORQUE ±10%	DFTR: MBS	DATE: 9.3.12	RAW MATERIAL DESCRIPTION RAW_MATL_DESCR				RAW MATERIAL PART NO. RAW_MATL_PT_NO			
			DES ENGR: R.B.W.	DATE: 9.3.12	RAW MATERIAL SPECIFICATION RAW_MATL_SPEC				SURFACE COATING SURF_COAT			
APPD. DATE MFG_ENGR MFG_DATE ENGR REF NEXT_REF (FIRST ASSY WHERE LISTED) NEXT_ASSY					Ag FocusSM Planter Pro[®]							
(ST) STATISTICALLY SAMPLED DIMENSION REQUIRED INSPECTION DIMENSION *					TITLE Unit Assembly				SIZE: C FILENAME: D:TID/444/444-0 DWG. NO.: 444-0			
DSPEC (PROJECT NO.) D_SPEC					SCALE: 1:4		PARTS LIST PARTS_LIST		PRODUCT CODE PRODUCT		SHEET NO. 1:2	

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ITEM NO.	QTY.	PART NAME	DESCRIPTION	Length	Vendor	PartNo
1	1	444-01	Frame weldment			
2	4	98023A035	Yel Zinc gr. 8 5/8" washer	.125"	n/a	98023A035
3	2	375-12	swept back row cleaner	n/a	Premier Fabrication	375-12
4	1	433-002	Left arm sub assembly			
5	1	433-003	Right arm sub assembly			
6	1	384-30	5/8-11" Toplock nut gr. 9 yellow zinc	.731"	Fastenal	38066
7	1	91257A821	Hex bolt	7.5"	Mcmaster-carr	
8	1		clean sweep cylinder body			
9	1		clean sweep cylinder rod			
10	1	97245A384	5/8" Clevis pin yellow zinc	1.61"	Mcmaster-carr	
8	2	98338A180	Cotter pin 1/8" yellow zinc	1"	Mcmaster-carr	98338A220
12	1	98306A274	3/8" Clevis pin steel	1.375"	Mcmaster-carr	
13	2	444-03	Hub assem.			
14	2	375-4	1 1/2" style row cleaner			
15	4	384-18	1/2-13" Carriage bolt gr.5 yellow zinc	1.25"	Mcmaster-Carr	90185A712
16	4	94831A661	1/2-13" yellow zinc gr. 8 toplock flange nut	29/64"	Fasteners	384-19
17	1	475-1	left scraper			
18	1	475-2	Right scraper			
19	1	444-04	Arm tube weldment			
20	1	91257A819	5/8- 11" bolt			
21	1	95065A220	5/8- 11" lock nut			



Scale 1:4

1	REVISION	RN_NO	UNLESS OTHERWISE SPECIFIED	DFTR	MBS	DATE	9.3.12
				DES ENGR	R.B.W.	DATE	9.3.12
IT.	VI		DIMENSIONS IN INCHES TWO PL. DEC. ±.02 THREE PL. DEC. ±.005 ANGLES ±.5° ONE PL. MM. ±0.5 TWO PL. MM. ±0.13 TORQUE ±10%	APPD.	MFG_ENGR	DATE	MFG_DATE
				ENGR REF	ENG_REF	NEXT_REF (FIRST ASSY WHERE LISTED)	NEXT_ASSY
				TOOL REF	TOOL_REF	SIZE	C
				DSPEC (PROJECT NO.)	D_SPEC	SCALE	1:2
				FILENAME	D:TTD/444/444-0	DWG. NO.	444-0
				PARTS LIST	PARTS_LIST	PRODUCT CODE	PRODUCT
				SHEET NO.	2:2		

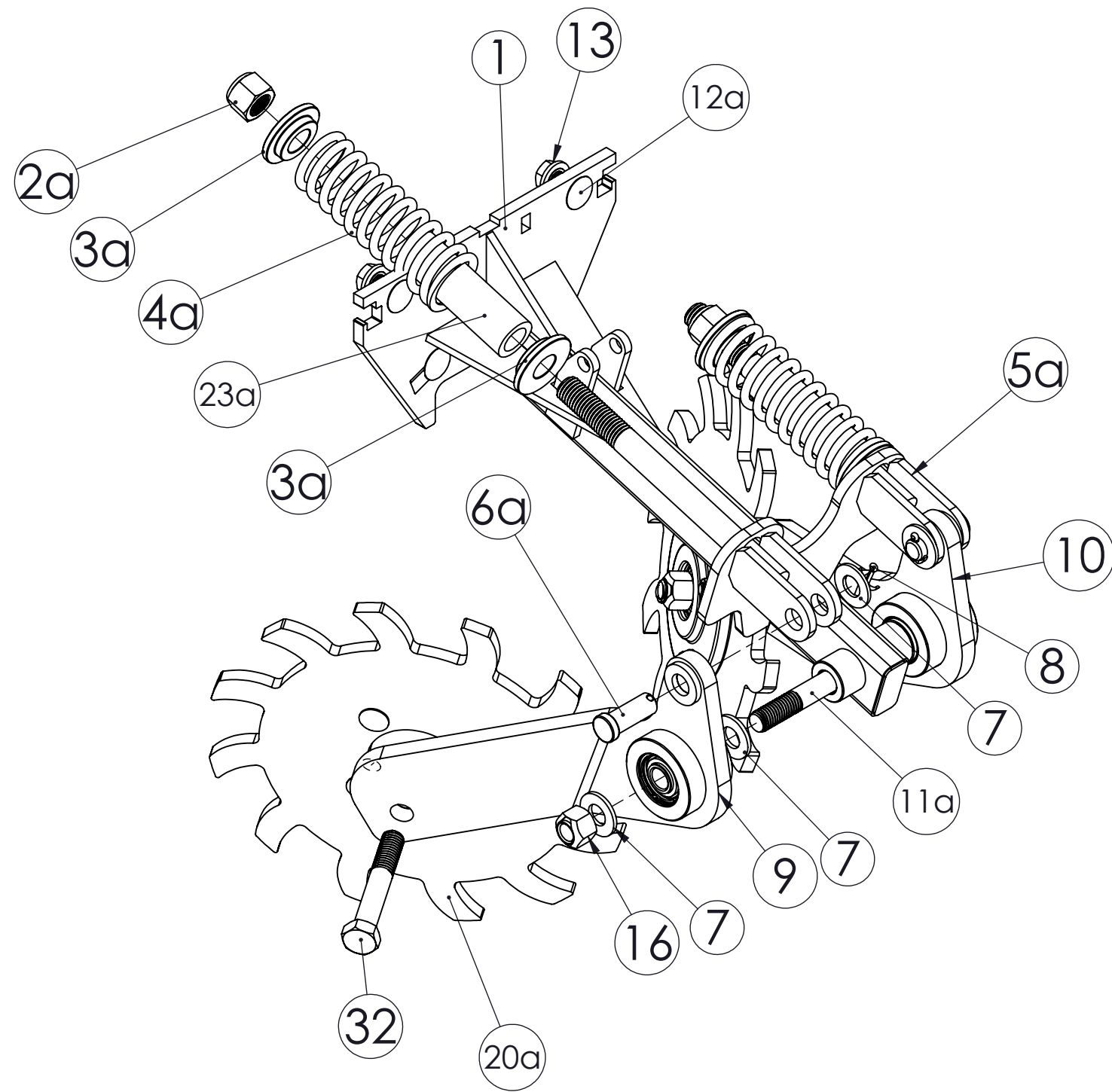
RAW MATERIAL DESCRIPTION	RAW MATERIAL PART NO.
RAW_MATL_DESCR	RAW_MATL_PT_NO
RAW MATERIAL SPECIFICATION	SURFACE COATING
RAW_MATL_SPEC	SURF_COAT

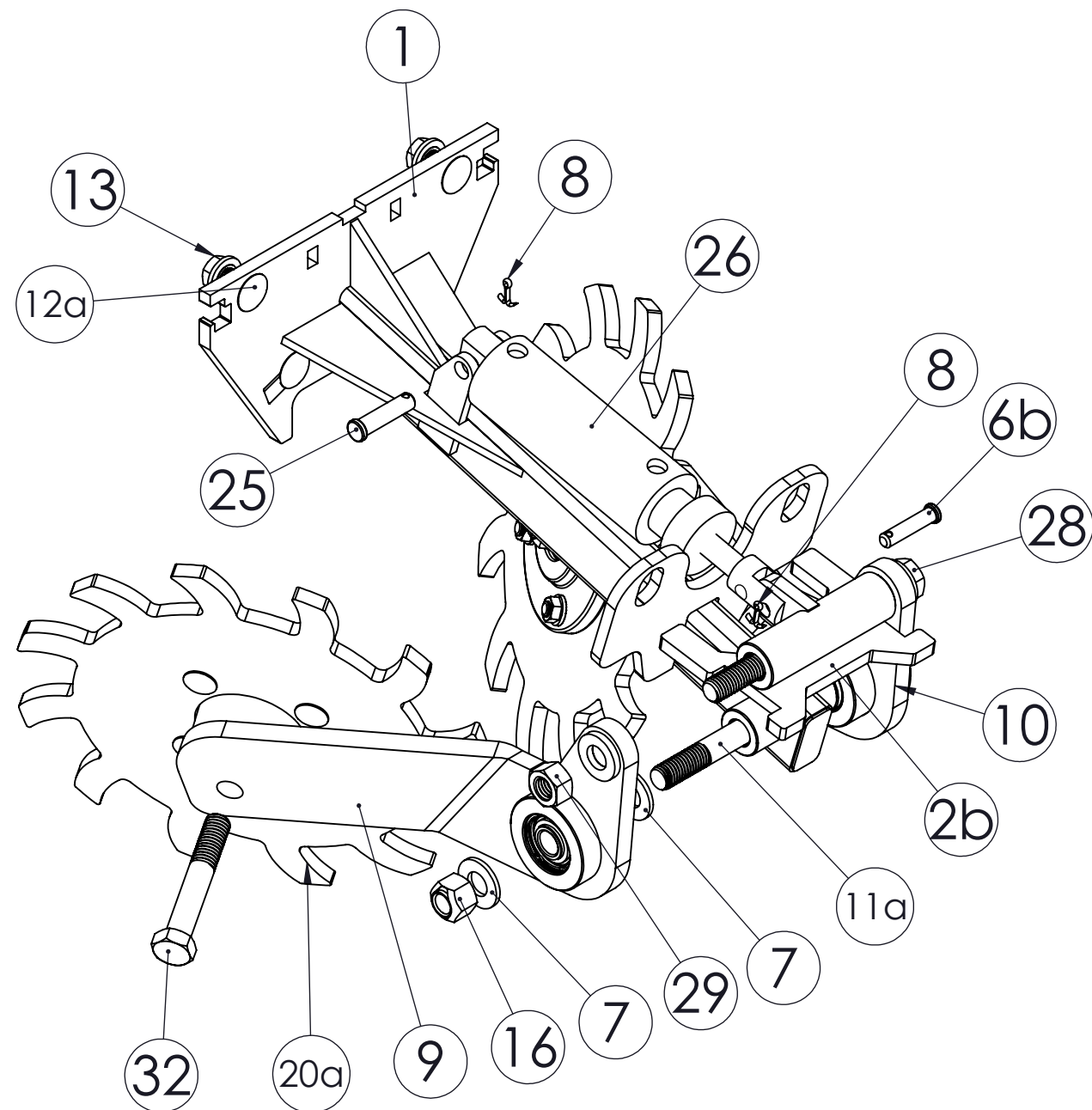
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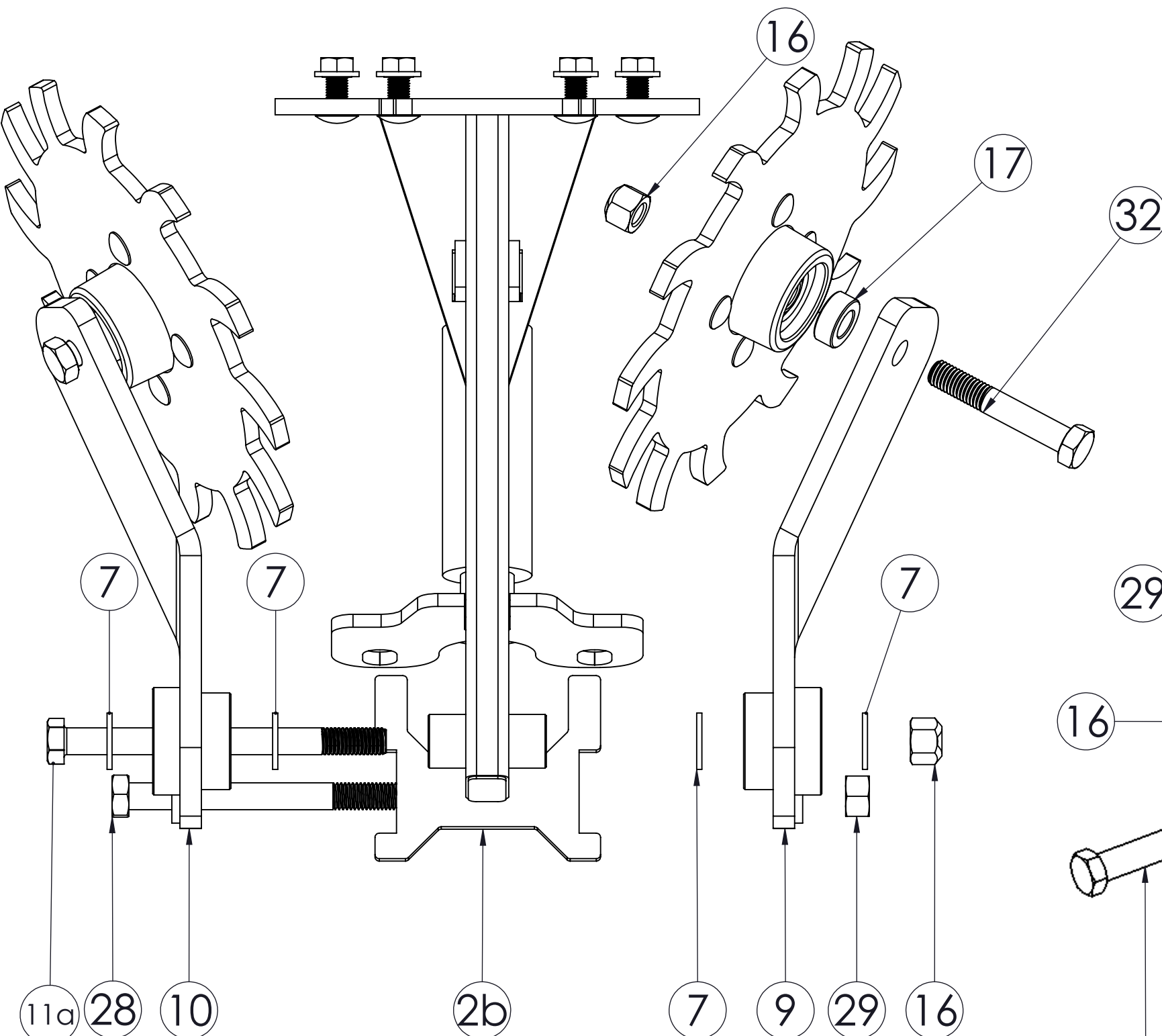
Ag FocusSM Planter Pro[®]

Unit Assembly

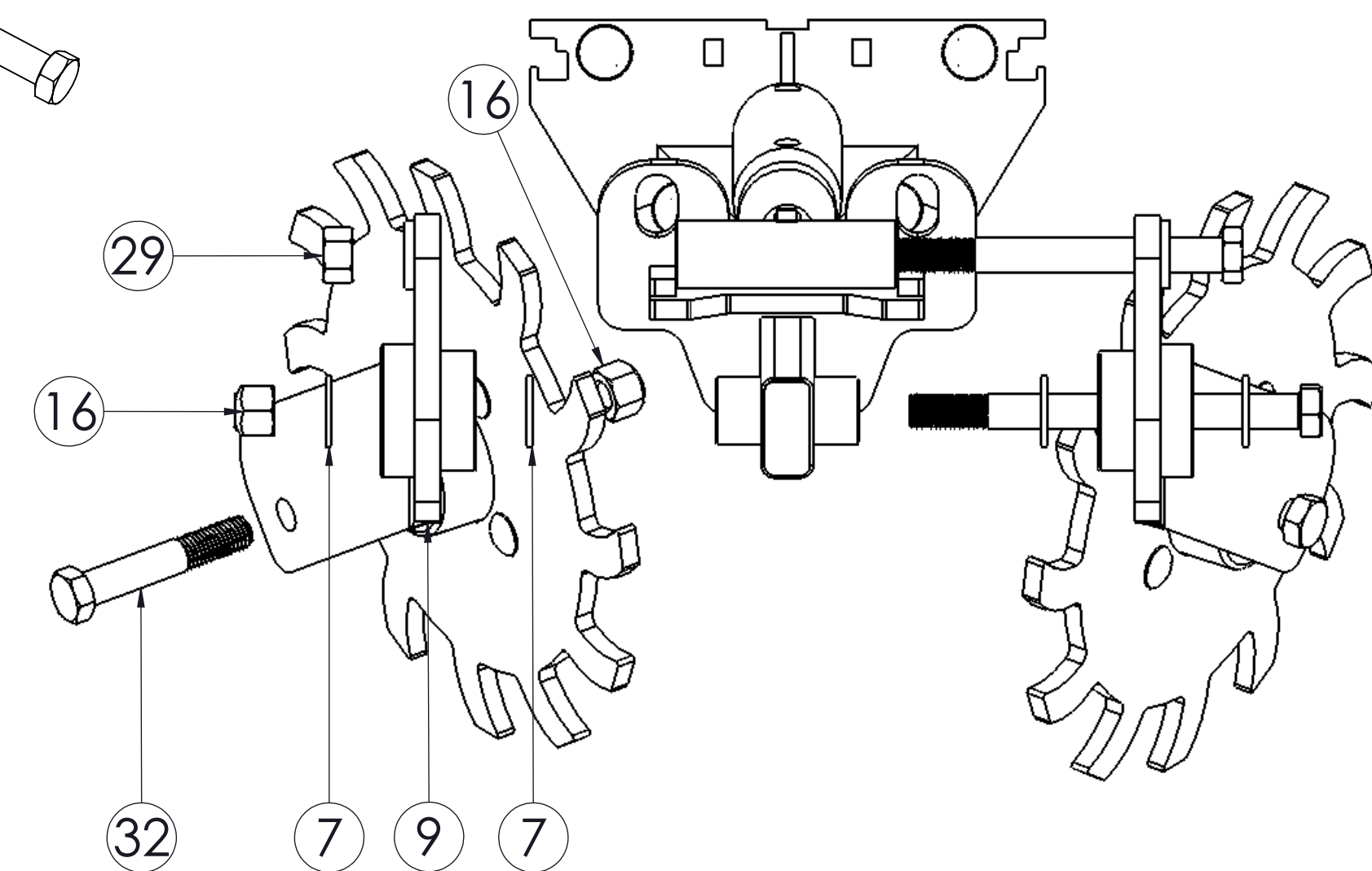
TITLE	Unit Assembly		
SIZE	C	DWG. NO.	444-0
SCALE	1:2	PRODUCT CODE	PRODUCT
PARTS LIST	PARTS_LIST	SHEET NO.	2:2







Bottom view



Front view

