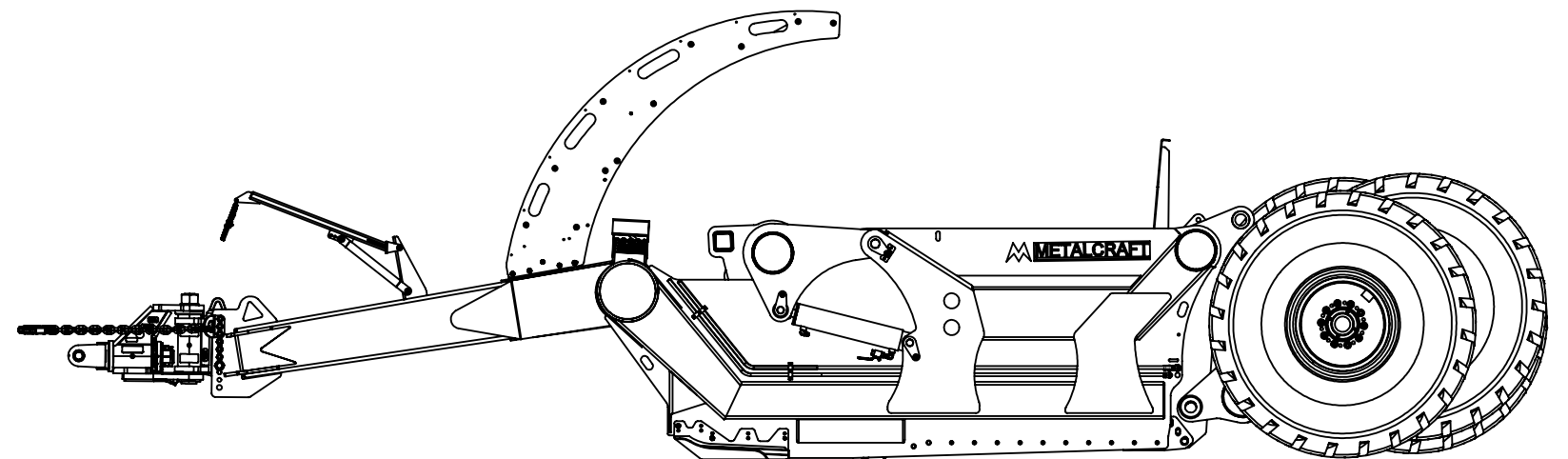
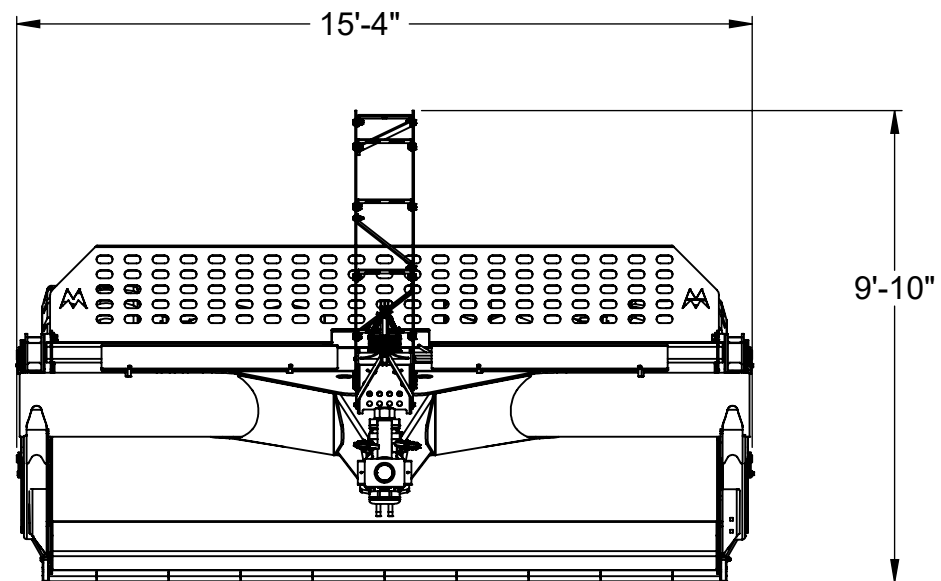
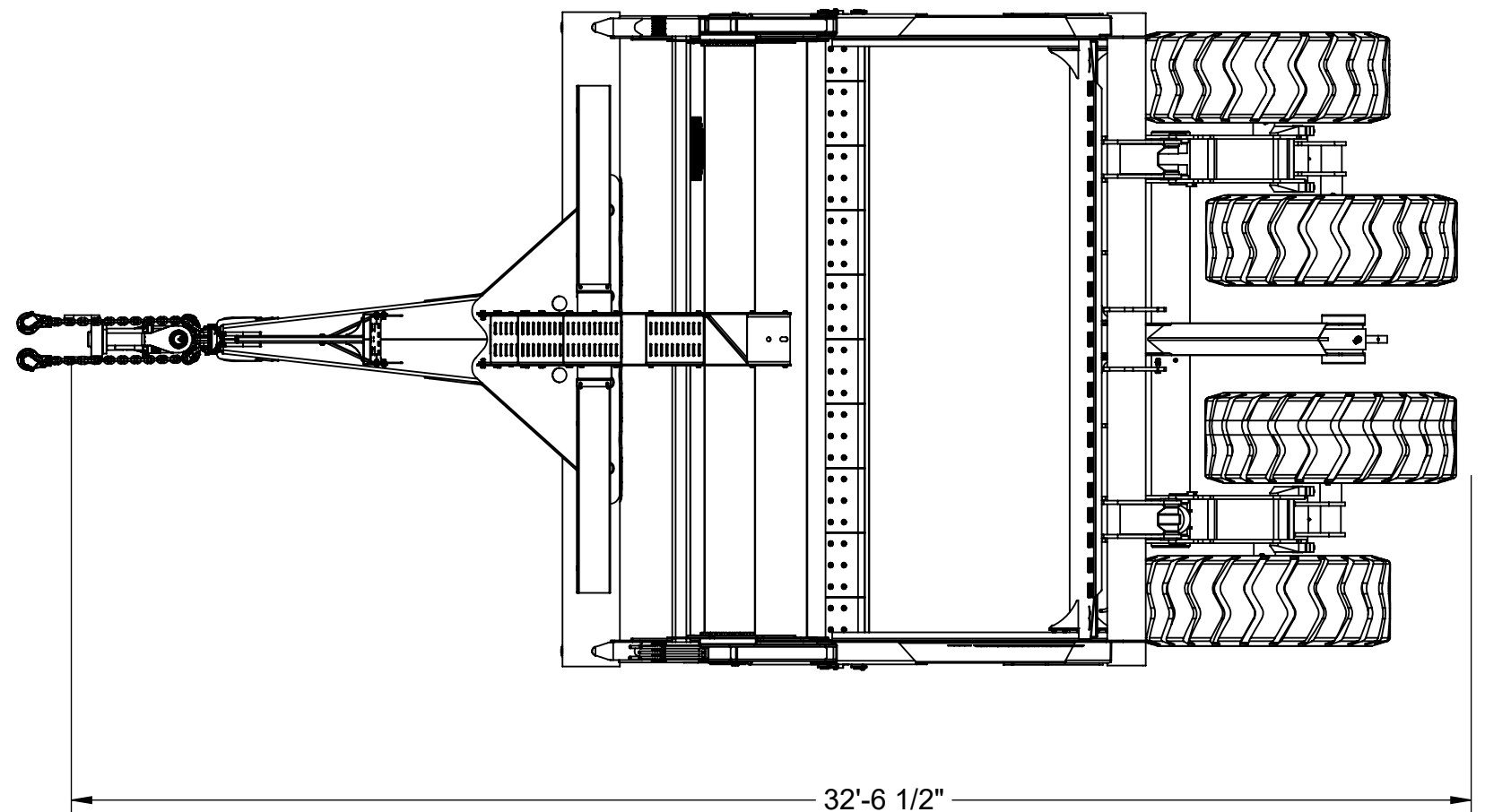
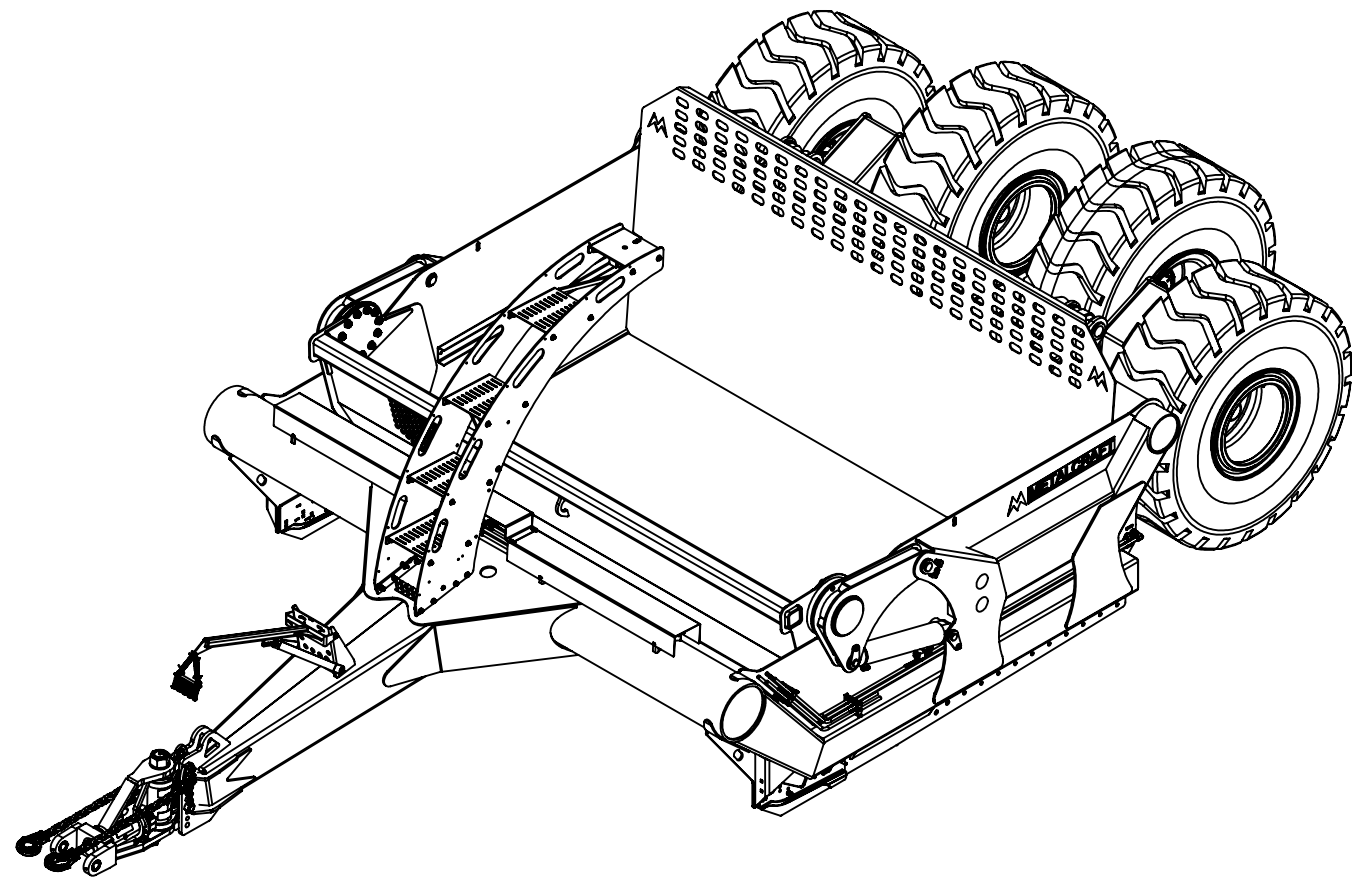
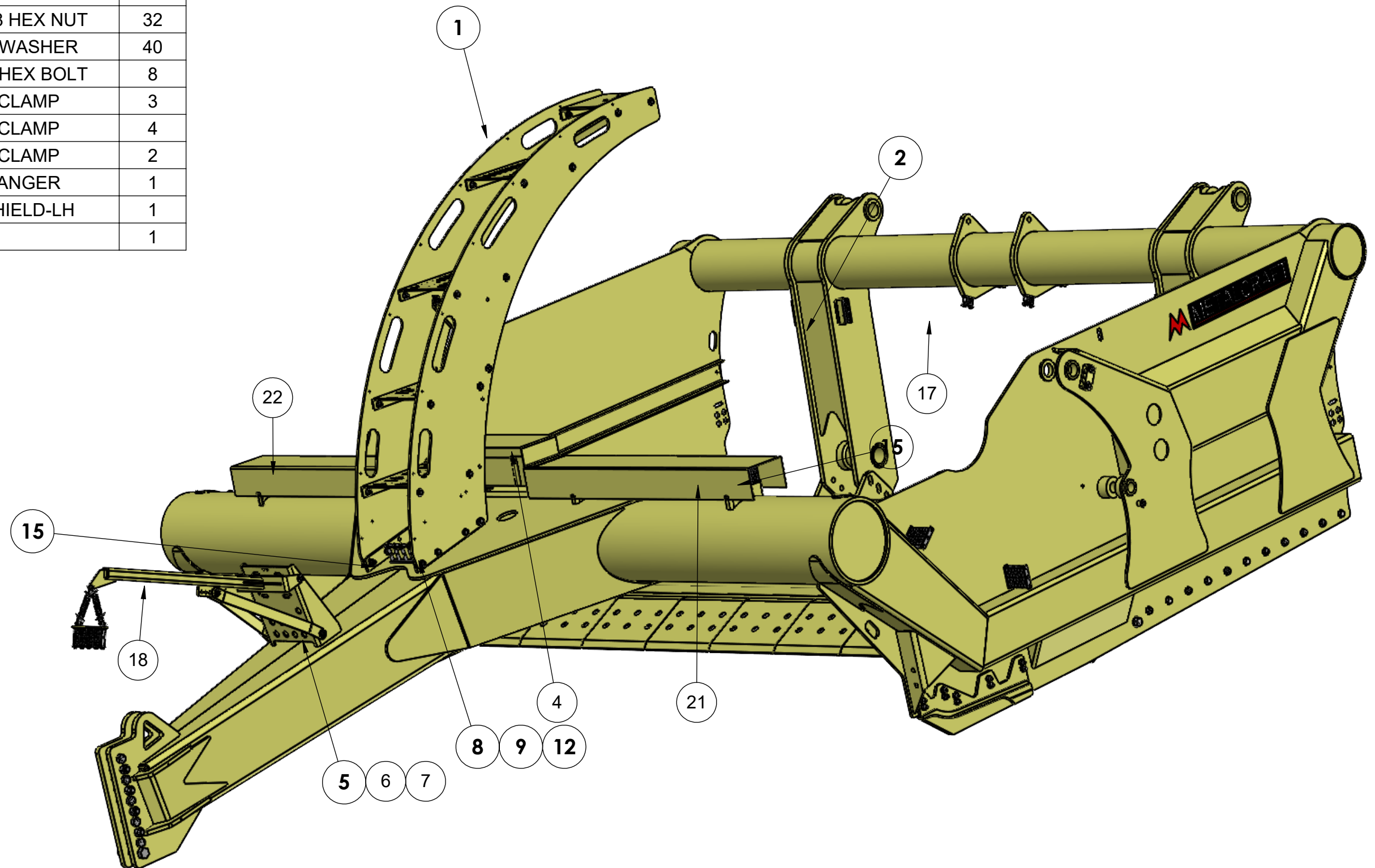




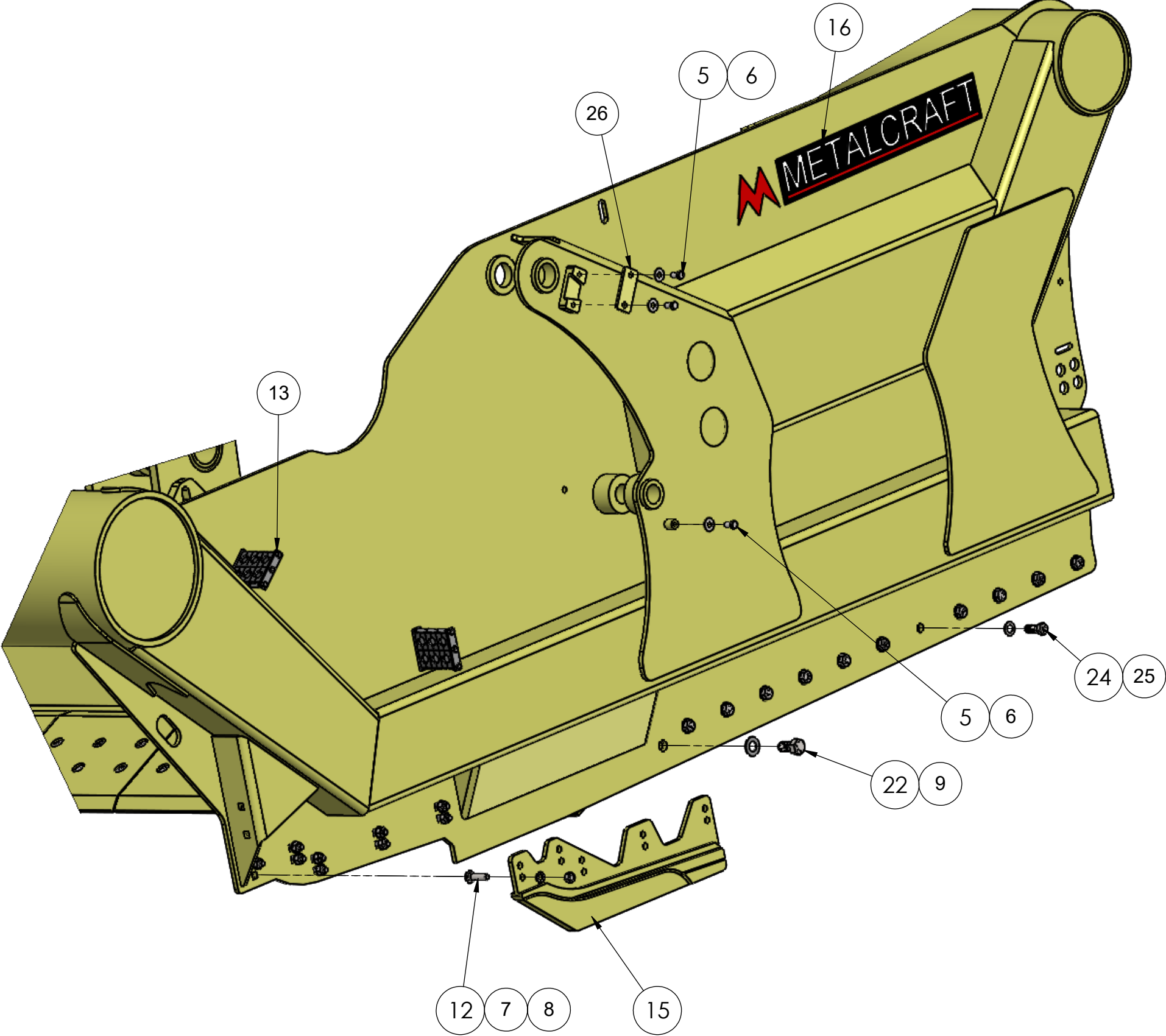
WEIGHT: 34,510 LBS

2814E EJECTOR SCRAPER

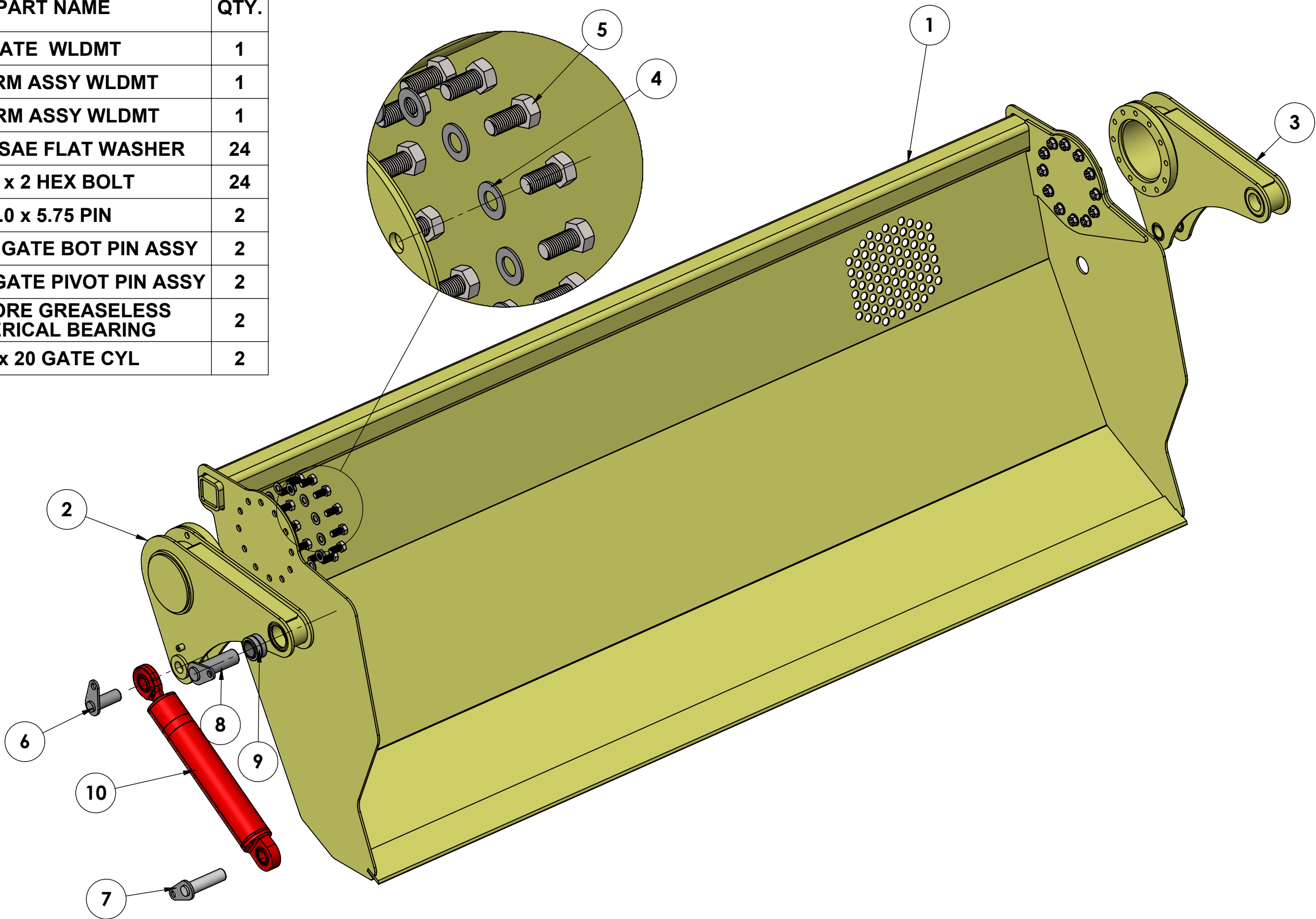
ITEM NO.	MC PART NO	PART NAME	QTY.
1	40496	BOLTED MAST-2814E	1
2	27295	MAIN FRAME WLDMT	1
4	26297	FRONT CENTER SHIELD	1
5	.50 FW	.50 GR8 FLAT WASHER	10
6	.50 x 1.5 HB	.50-13 x 1.5 GR8 HEX BOLT	5
7	.50-13 HLN	1/2"-13 NYLOCK NUT	5
8	.625 HN	.625-11 GR8 HEX NUT	32
9	.625 FW	.625 FLAT WASHER	40
12	.625-11 X 2 HB	.625-11 X 2 HEX BOLT	8
15	50644	8 HOLE CLAMP	3
16	50645	3 HOLE CLAMP	4
17	50646	1 HOLE CLAMP	2
18	40611	HOSE HANGER	1
21	40646-B	FRONT SHIELD-LH	1
29			1

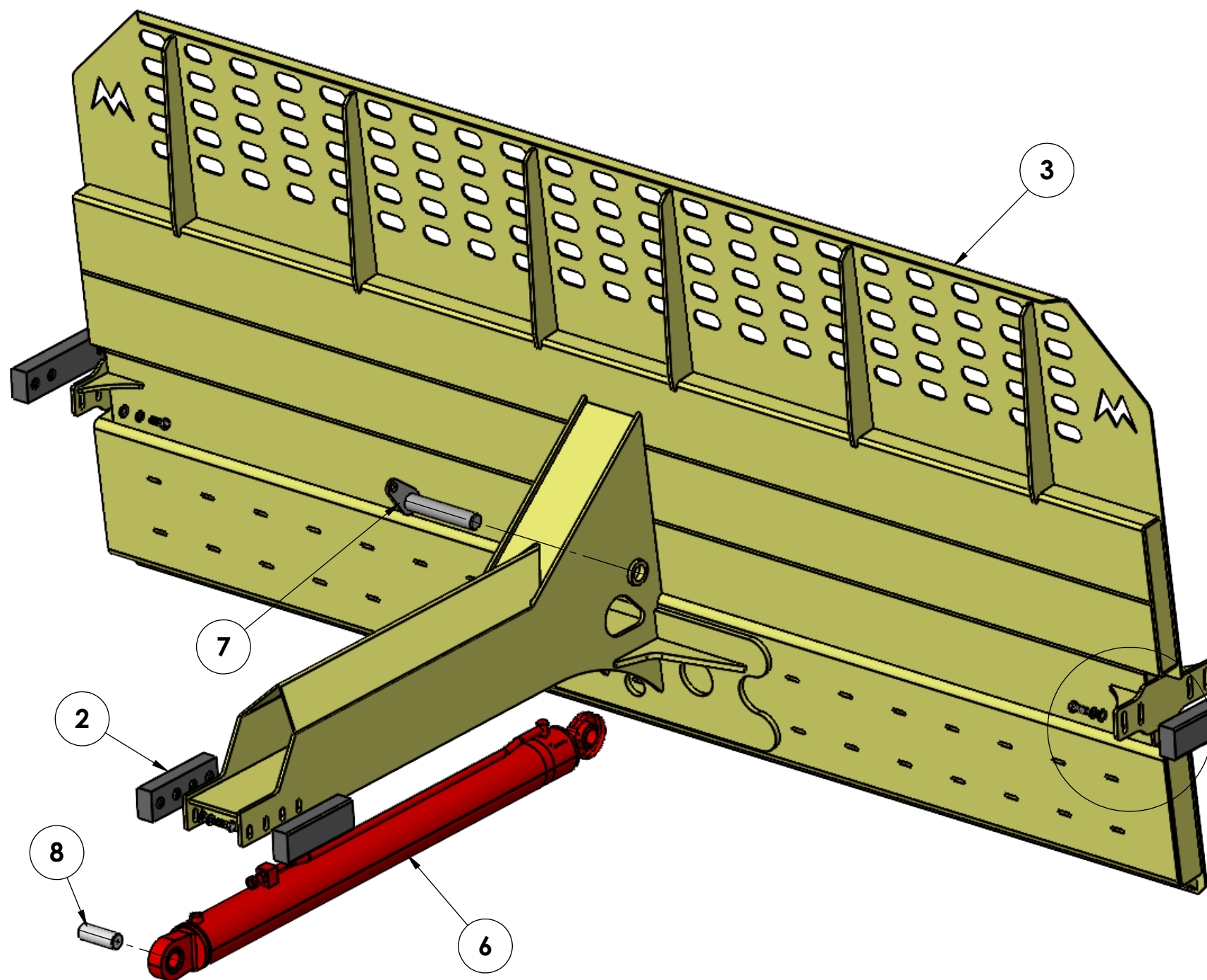


ITEM NO.	MC PART NO	PART NAME	QTY.
5	.50 FW	.50 GR8 FLAT WASHER	6
6	.50 x 1 HB	.50-13 x 1 GR8 HEX BOLT	6
7	.625 HN	.625-11 GR8 HEX NUT	32
8	.625 FW	.625 FLAT WASHER	40
9	1 x 2 HB	1-8 x 2 HEX BOLT	2
12	.625-11 X 2.5 CB	.625-11 X 2.5 CARRIAGE BOLT	24
13	50627	6 HOLE CLAMP	4
15	50905	ROUTER BIT	2
16	51005	SCRAPER LOGO	2
21	1 FW	1.0 GR8 SAE FLAT WASHER	2
23	.75 FW	.75 GR8 SAE FLAT WASHER	12
24	.75 x 2 HB	.75-10 x 2 GR8 HEX BOLT	12
25	40145	PIN HOLDER CAP	2
26			1

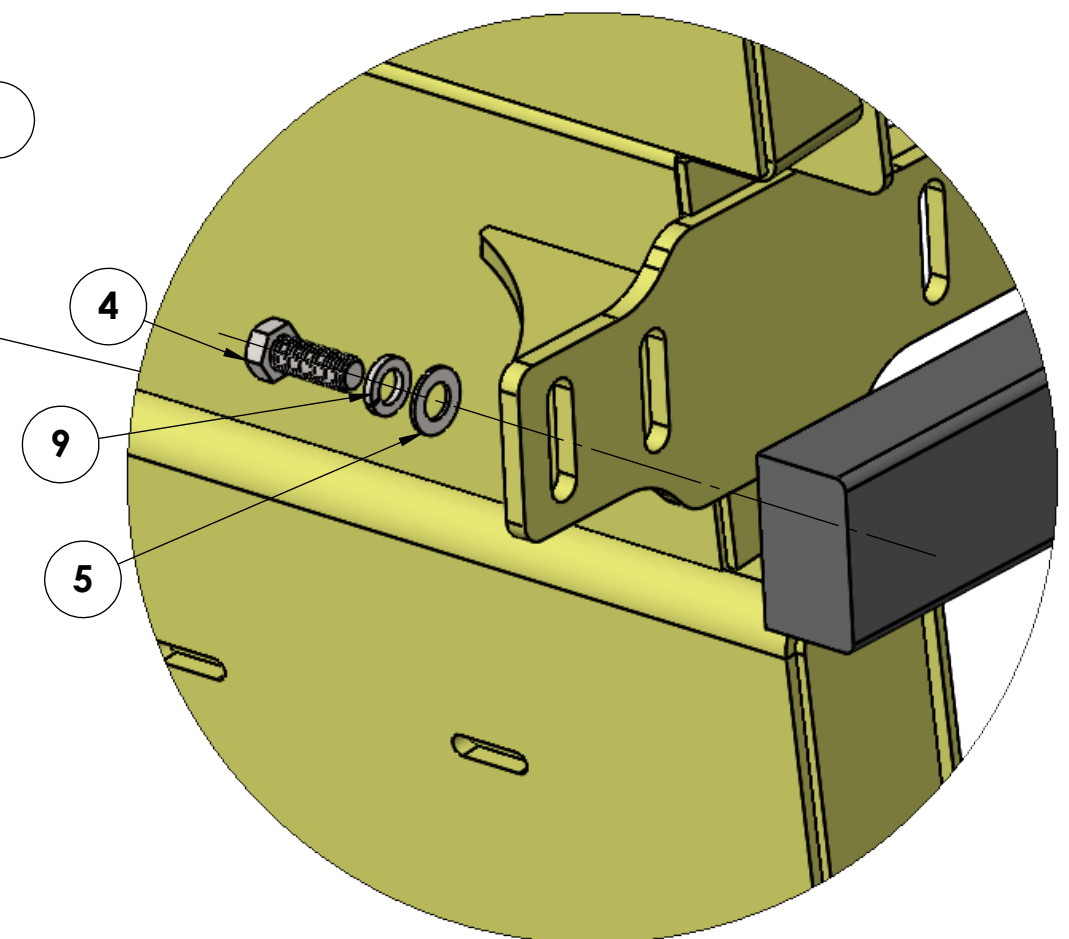


27391 GATE ASSY			
ITEM NO.	MC PART NO	PART NAME	QTY.
1	27392	GATE WLDMT	1
2	27394	LH ARM ASSY WLDMT	1
3	27393	RH ARM ASSY WLDMT	1
4	1 FW	1.0 GR8 SAE FLAT WASHER	24
5	1 x 2 HB	1-8 x 2 HEX BOLT	24
6	40101	2.0 x 5.75 PIN	2
7	40102	2.0 X 7.94 GATE BOT PIN ASSY	2
8	40105	2.5 x 8.50 GATE PIVOT PIN ASSY	2
9	50531	2.50 BORE GREASELESS SPHERICAL BEARING	2
10	50301	4.5 x 20 GATE CYL	2



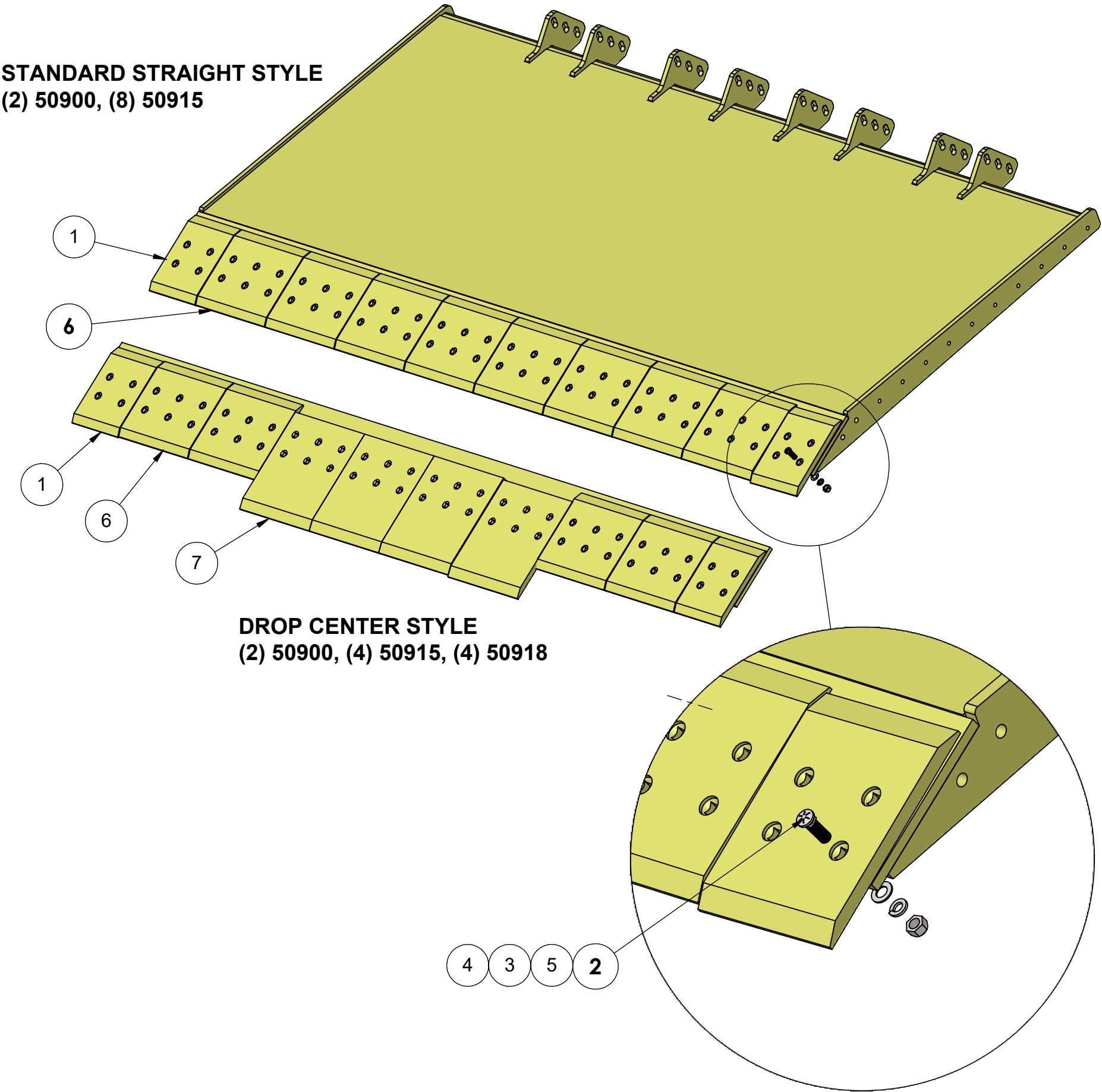
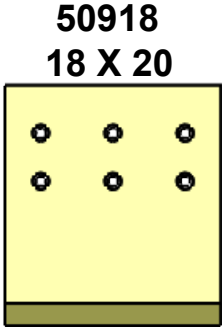
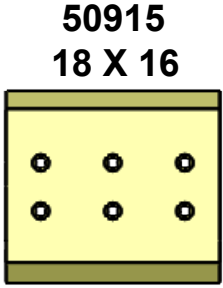
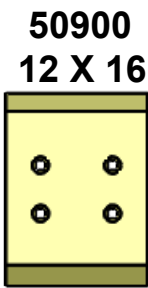


27493 EJECTOR ASSY			
ITEM NO.	MC PART NO	PART NAME	QTY.
1	40704	NYLON BLOCK ASSY LONG	2
2	40706	NYLON BLOCK ASSY SHORT	2
3	27494	EJECTOR ASSY WLDMT	1
4	.75 x 2 HB	.75-10 x 2 GR8 HEX BOLT	16
5	.75 FW	.75 GR8 SAE FLAT WASHER	16
6	50311	EJECTOR CYLINDER	1
7	40103	2.0 X 11.00 EJECTOR FRT PIN ASSY	1
8	40157	EJECTOR CYL PIN	1
9	.75 LW	.75 GR8 LOCK WASHER	16



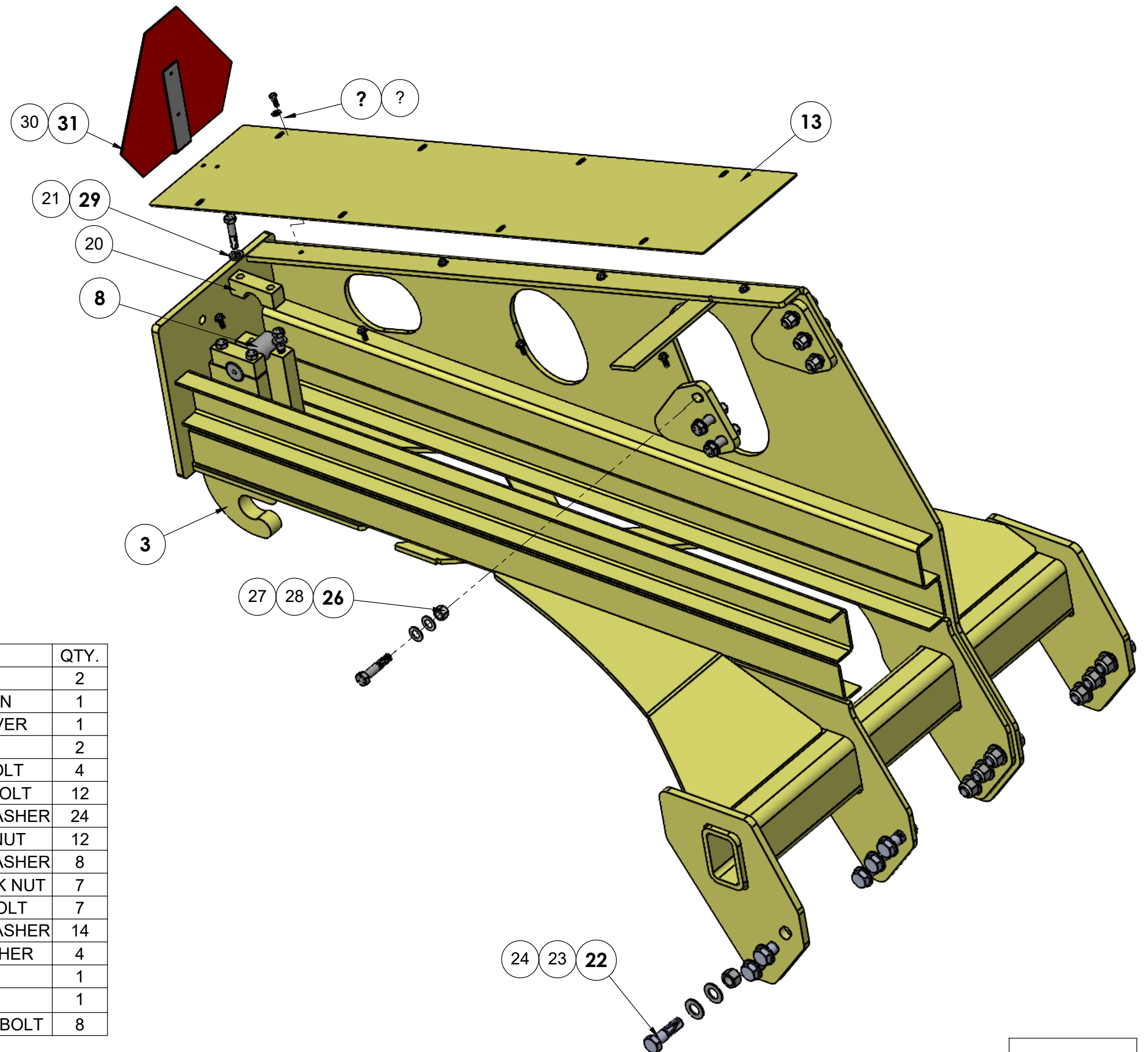
EJECTOR ASSEMBLY

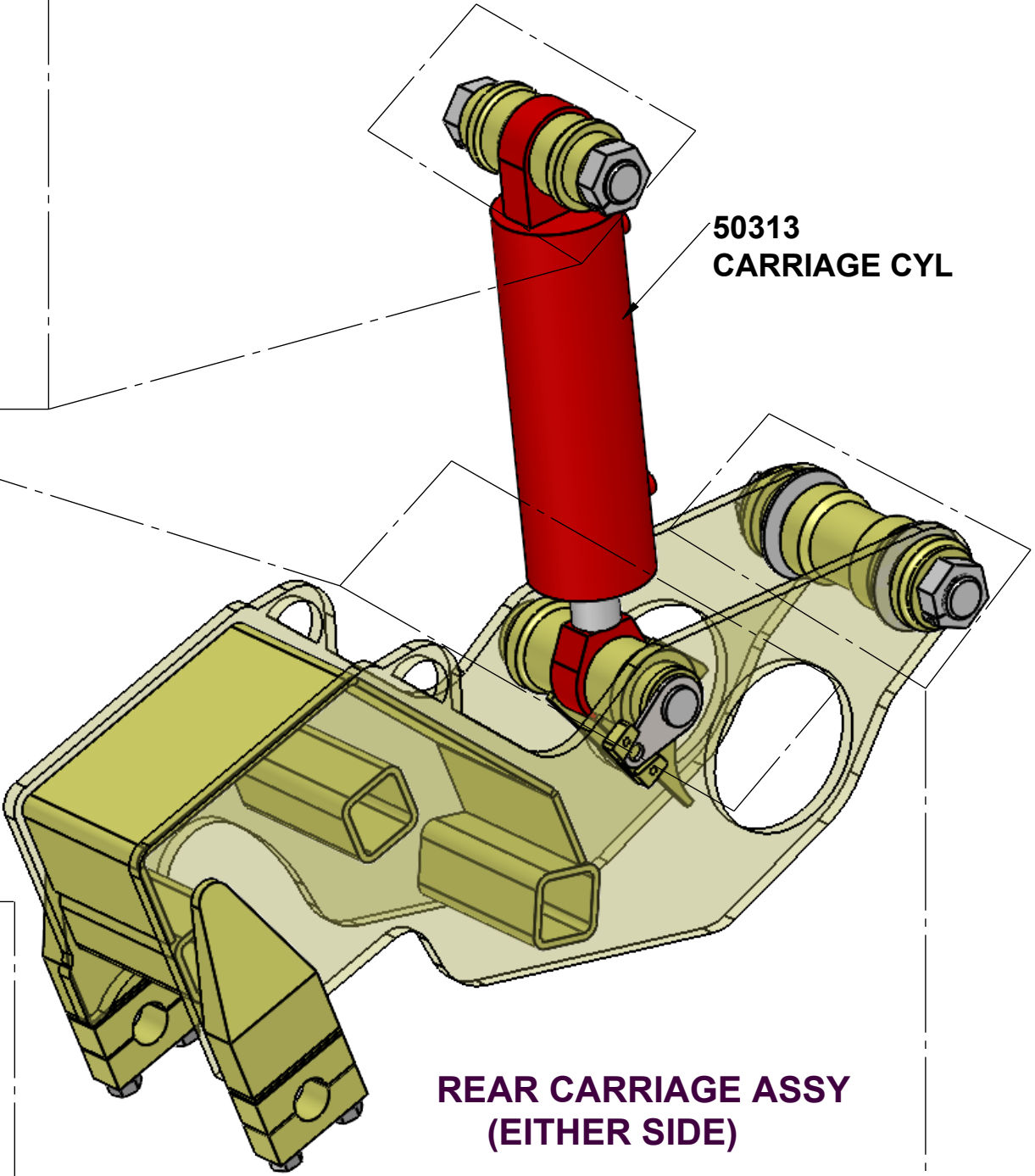
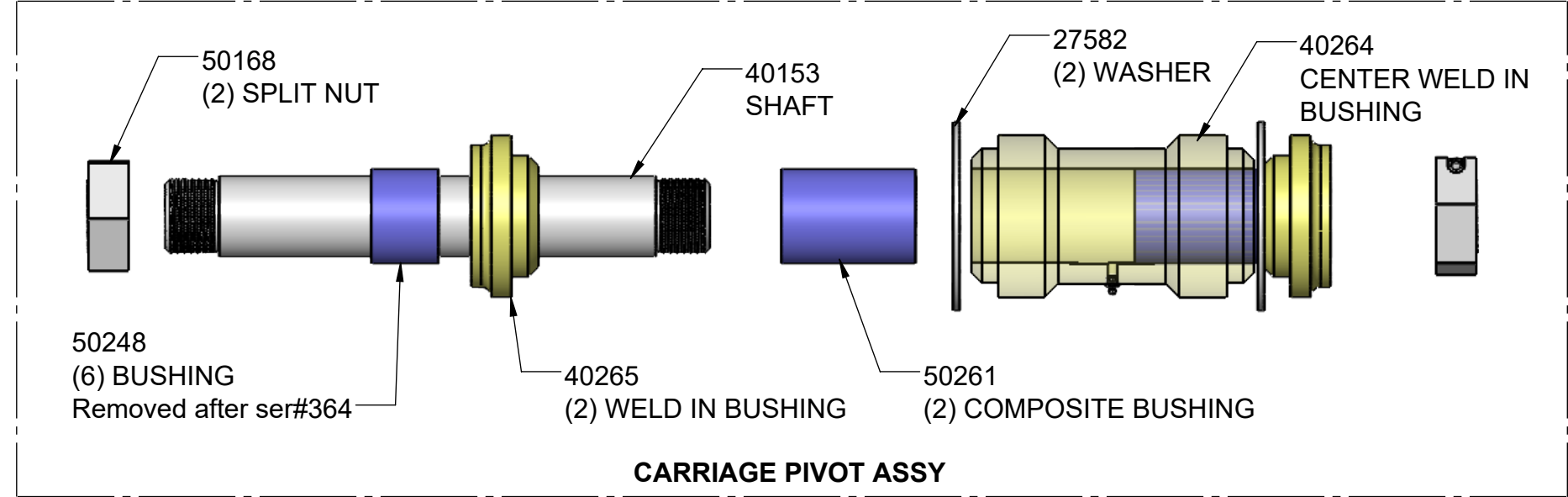
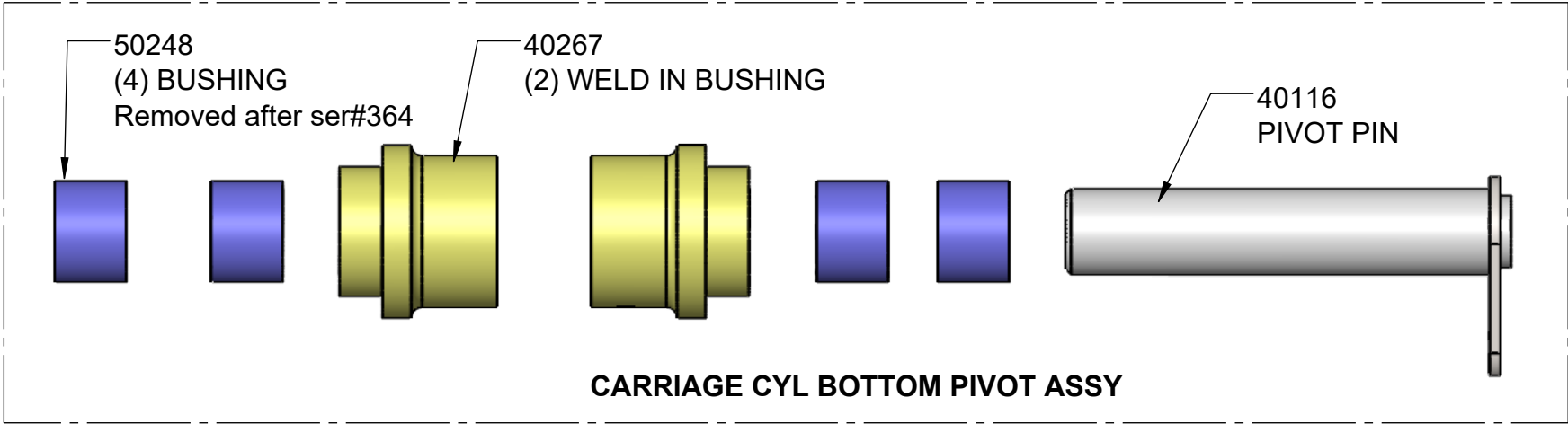
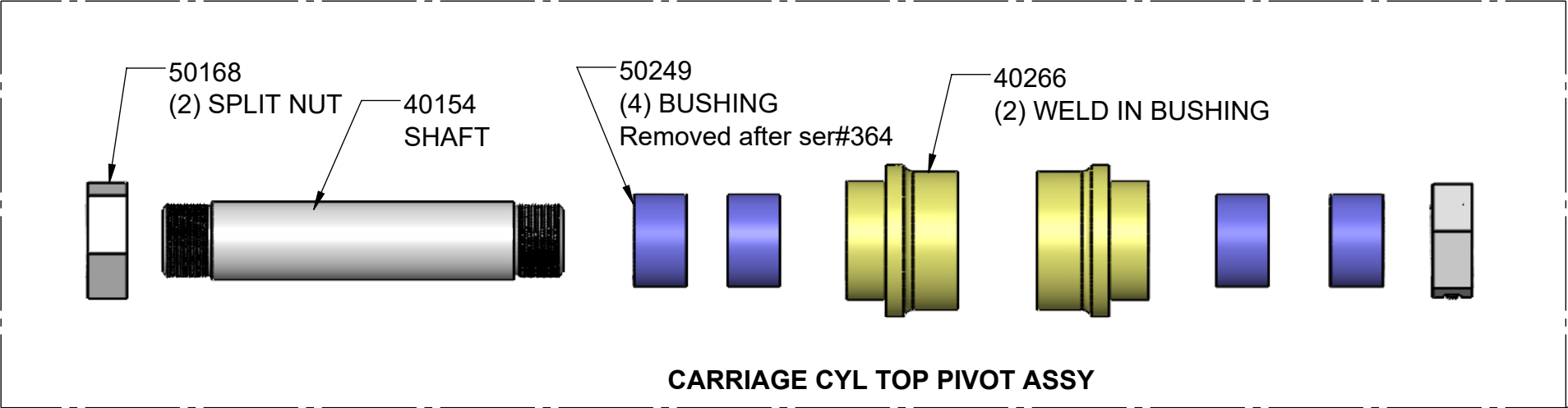
ITEM NO.	MC PART NO	PART NAME	QTY.
1	50900	12 x 16 BLADE	2
2	.75 x 2.5 PB	.75-10 x 2.5 PLOW BOLT	56
3	.75 LW	.75 GR8 LOCK WASHER	56
4	.75 HN	.75-10 GR8 HEX NUT	56
5	.75 FW	.75 GR8 SAE FLAT WASHER	56
6	50915	18 x 16 BLADE	8
7	50918	18 X 20 Frostbit	4



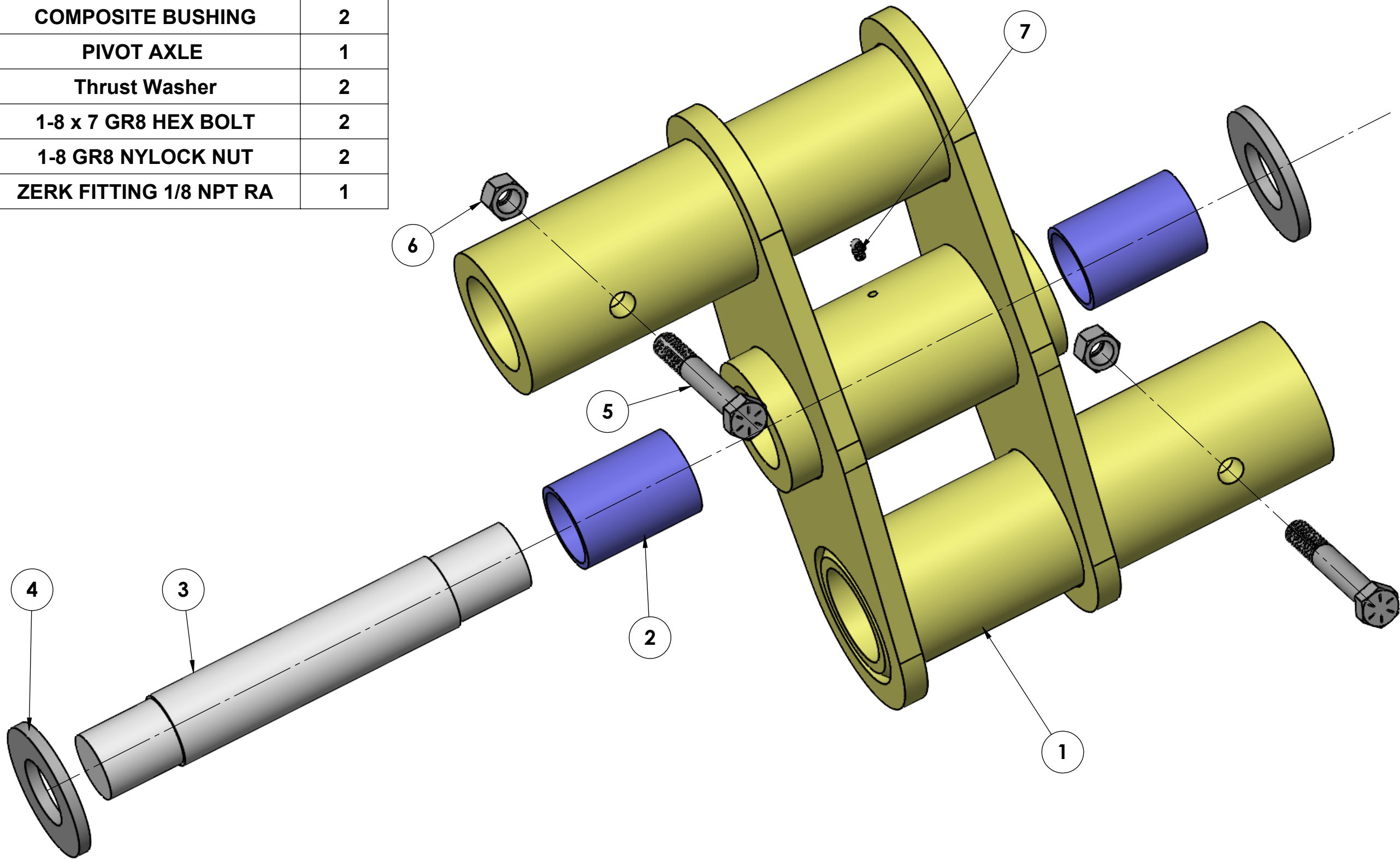
27690 FLOOR ASSEMBLY

27290 EJECTOR TAIL FRAME			
ITEM NO.	MC PART NO	PART NAME	QTY.
3	27243	TOW HOOK	2
8	40157	EJECTOR CYL PIN	1
13	27283	TAIL SECTION COVER	1
20	27277	CYL PIN CAP	2
21	.625 x 3 HB	.625-11 x 3 HEX BOLT	4
22	1 x 3.5 HB	1-8 x 3.5 GR8 HEX BOLT	12
23	1 FW	1.0 GR8 SAE FLAT WASHER	24
24	1HLN	1-8 GR8 NYLOCK NUT	12
25	.375 FW	3/8 GR8 SAE FLAT WASHER	8
26	.75 HLN	.75-10 GR8 HEX LOCK NUT	7
27	.75-10 X 3.5 HB	.75-10 X 3.5 HEX BOLT	7
28	.75 FW	.75 GR8 SAE FLAT WASHER	14
29	.75 LW	.75 GR8 LOCK WASHER	4
30	51506	SMV Bracket	1
31	51505	SMV Sign	1
32	.375 x 1 HB	.375-16 x 1 GR8 HEX BOLT	8



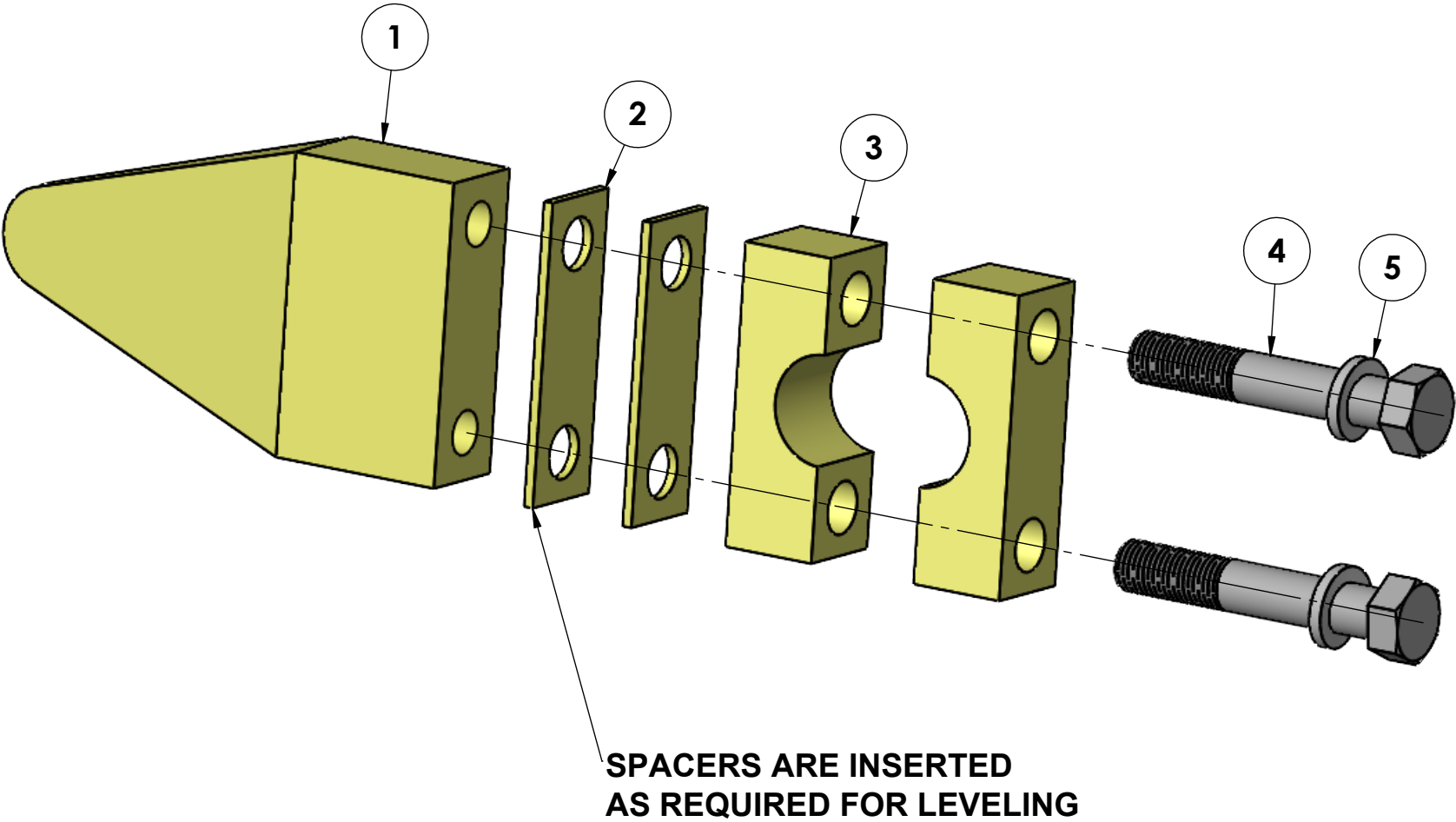


27572 OSCILLATOR ASSY			
ITEM NO.	MC PART NO	PART NAME	QTY.
1	27574	OSC WMT	1
2	50261	COMPOSITE BUSHING	2
3	27576	PIVOT AXLE	1
4	27579	Thrust Washer	2
5	1 x 7 HB	1-8 x 7 GR8 HEX BOLT	2
6	1HLN	1-8 GR8 NYLOCK NUT	2
7	50259	ZERK FITTING 1/8 NPT RA	1



OSCILLATOR ASSEMBLY

27599 SPACER CLAMP ASSY			
ITEM NO.	MC PART NO	PART NAME	QTY.
1	27550	AXLE CLAMP HD	1
2	27551	AXLE CLAMP SPACER HD	2
3	27548	AXLE CLAMP CAP HD	2
4	1.25-7 X 7 HB	1.25-7 X 7.5 HEX BOLT	2
5	1.25 LW	1.25 LOCK WASHER	2



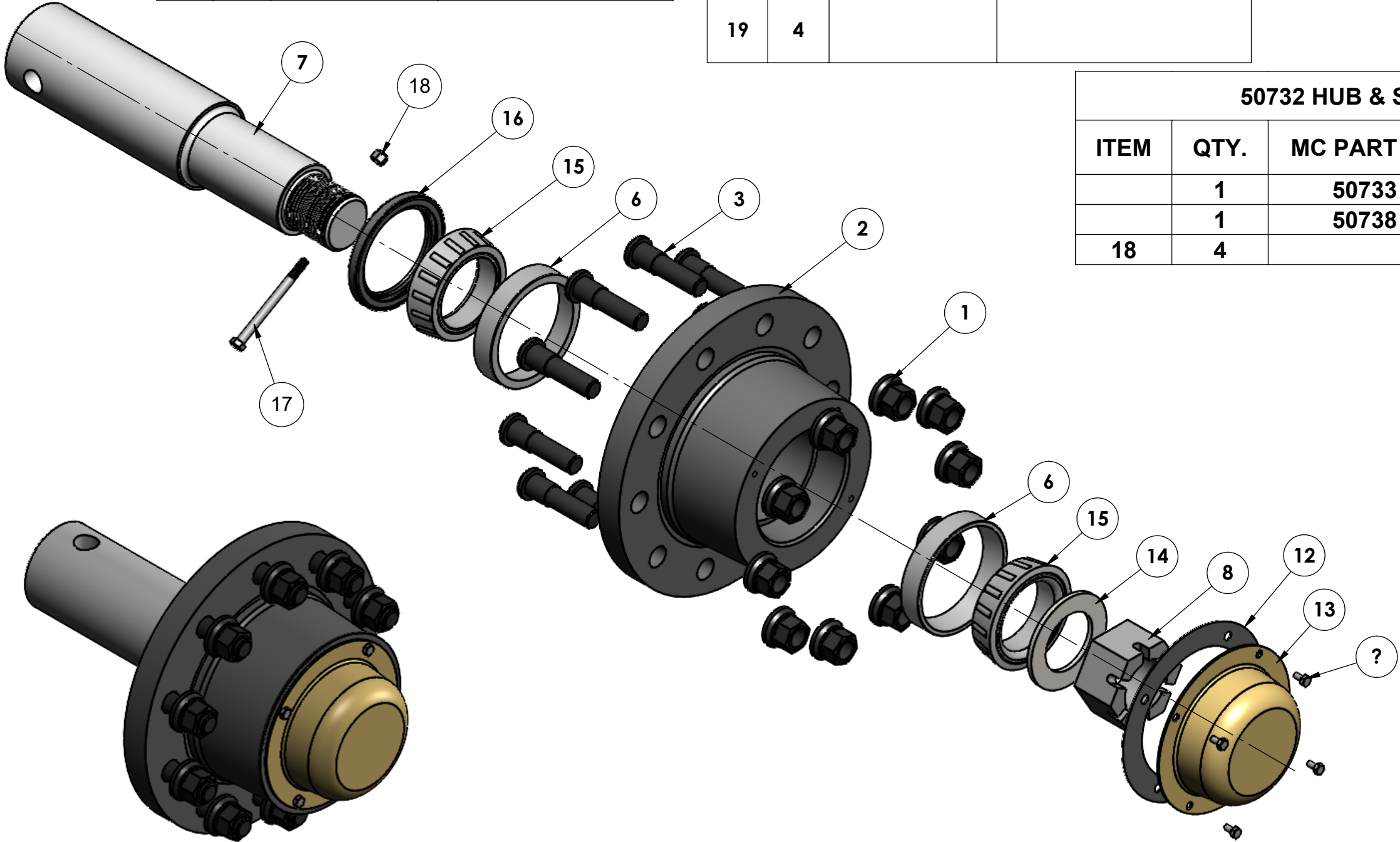
SPACER CLAMP ASSEMBLY

50738 SPINDLE ASSEMBLY COMPLETE			
ITEM NO.	QTY.	MC PART NO	PART NAME
7	1	27529	SPINDLE - G900HD
14	1	50730	FLAT WASHER
8	1	50142	2.50-12 SLOTTED NUT
17	1	.375-16 x 4.5 HB	HEX BOLT
18	1	.375 HLN	3/8" LOCK NUT
19	4		

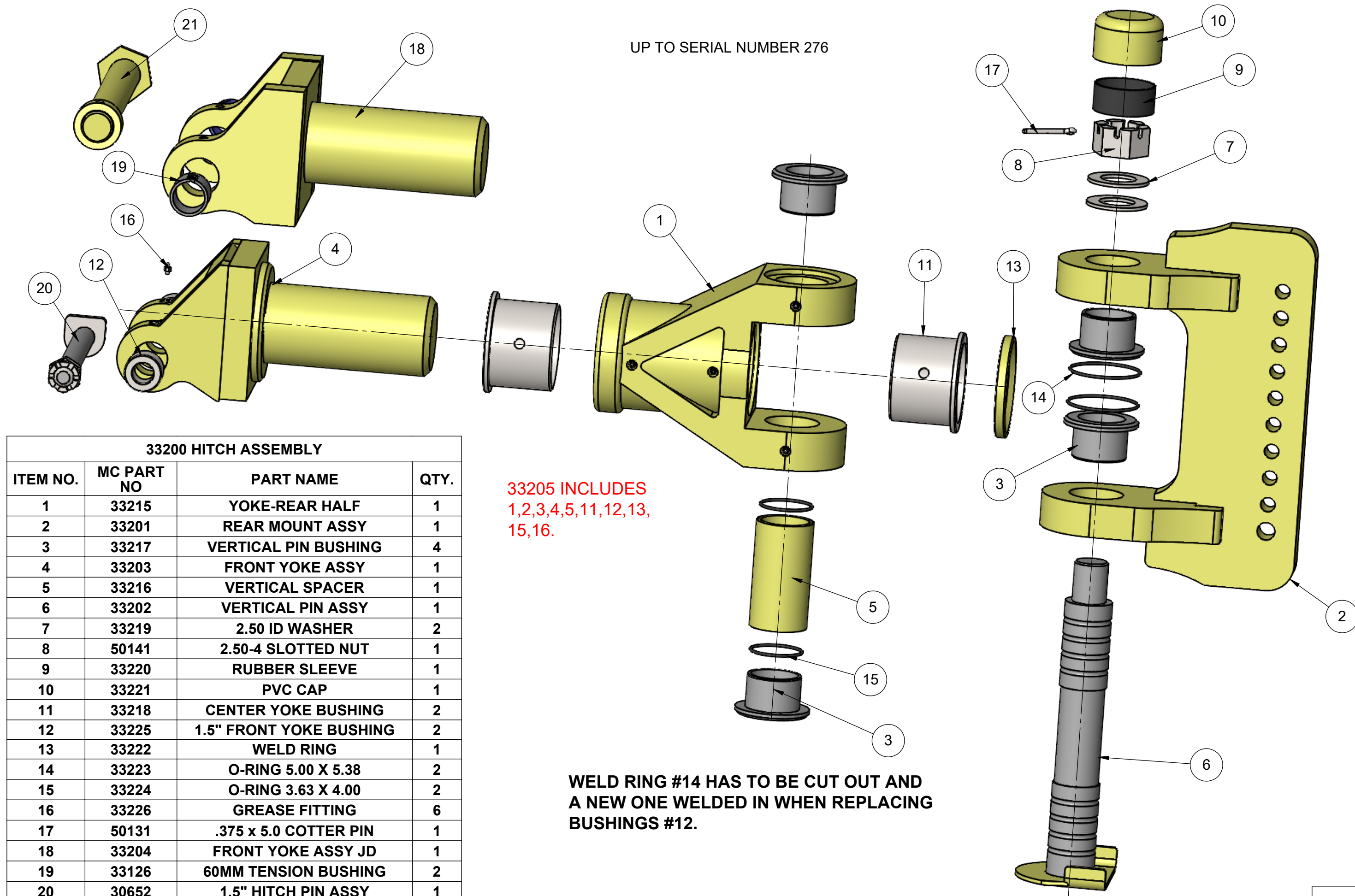
50731 HUB ASSEMBLY (no bearings)			
ITEM NO.	QTY.	MC PART NO	PART NAME
2	1	50728	HUB CASTING
12	1	50734	GASKET
13	1	50735	HUB CAP
1	10	50736	22mm LUG NUT
5	10	50729	WHEEL STUD
6	2	50206	BEARING RACE
19	4		

50733 HUB ASSEMBLY COMPLETE			
ITEM NO.	QTY.	MC PART NO	PART NAME
	1	50731	HUB ASSEMBLY
15	2	50204	BEARING
16	1	50223	HUB SEAL
21	4		

50732 HUB & SPINDLE ASSEMBLY			
ITEM	QTY.	MC PART NO	PART NAME
	1	50733	HUB ASSY COMPLETE
	1	50738	SPINDLE ASSY COMPLETE
18	4		



50732 HUB ASSEMBLY



33200 HITCH ASSEMBLY			
ITEM NO.	MC PART NO	PART NAME	QTY.
1	33215	YOKE-REAR HALF	1
2	33201	REAR MOUNT ASSY	1
3	33217	VERTICAL PIN BUSHING	4
4	33203	FRONT YOKE ASSY	1
5	33216	VERTICAL SPACER	1
6	33202	VERTICAL PIN ASSY	1
7	33219	2.50 ID WASHER	2
8	50141	2.50-4 SLOTTED NUT	1
9	33220	RUBBER SLEEVE	1
10	33221	PVC CAP	1
11	33218	CENTER YOKE BUSHING	2
12	33225	1.5" FRONT YOKE BUSHING	2
13	33222	WELD RING	1
14	33223	O-RING 5.00 X 5.38	2
15	33224	O-RING 3.63 X 4.00	2
16	33226	GREASE FITTING	6
17	50131	.375 x 5.0 COTTER PIN	1
18	33204	FRONT YOKE ASSY JD	1
19	33126	60MM TENSION BUSHING	2
20	30652	1.5" HITCH PIN ASSY	1
21	30627	60mm Pull Pin Assy	1

33205 INCLUDES
1,2,3,4,5,11,12,13,
15,16.

WELD RING #14 HAS TO BE CUT OUT AND
A NEW ONE WELDED IN WHEN REPLACING
BUSHINGS #12.

SECTION 1.01

STRUCTURAL

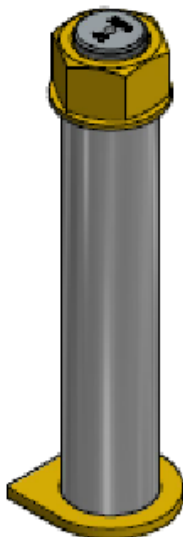
METALCRAFT SCRAPER HITCH
(301100300-R3 Kit)

SCRAPER HITCH COMPONENTS				
ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	101000106_cm_K	1	Grease,Thrust,Washer,Vertical ,pin
2	1	101001956_c_K-CY	0	Washer ,knuckle_vert ,pin
3	2	101009913_c_K-CY	0	Knuckle ,Chain Keeper
4	1	101009914_cb_K-CY	0	Knuckle ,Thrust Washer
5	2	101010052_cyb_H-CY	2	Knuckle ,Safety Chain Ear
6	1	301000053_w_K-CY	0	Washer 3 1/2" Squeeze Nut
7	1	301000054_wms_K-CY	2	Thrust Nut (Knuckle)
8	1	301002676_w_K-CY	1	Pin Vertical ,4" (PG shaft induction hardend)
9	1	301002711_wm_K-CY	8	Knuckle ,Sub-weldment
10	1	301003258_w_K-CY	4	Yoke ,Ashland UNC
11	1	301003535_wm_K-CY	0	Metalcraft Vertical Bushing
12	4	404000009	0	Comp Bushing ,4.00" ID x 4.50" OD x 4.00"
13	2	405500014	0	5/8" Grade 100 Coupling Link
14	2	405500032	0	Chain Grade 100 5/8" 21 Links
15	2	405500039	0	5/8" Grade 100 Clevis Self-Locking Hook
16	1	409000021	0	Seal ,75"-7.25" OD-5.50" ID
17	1	409000022	0	Seal ,375"- 5.50" OD- 4.06" ID
18	1	409000034	0	Thrust ,Washer ,25"- 7.75" OD - 3.50" ID
19	1	409000100	1	Thrust Washer 0.250" x 8.00" OD x 4.063" ID
20	1	411000041	2	Decal - Caution Lift Point
21	2	411000046	2	Decal - Notice Grease Daily
22	1	411000102	1	Decal - Safety Tie Down
23	2	411000208	0	Decal - Lift Hook Highlight, Knuckle
24	2	422000003	0	Seal 4" Pin
25	1	BLT8C_1_1-4x6	0	Bolt Gr. 8 UNC 1-1/4" x 6"
26	1	BLT8C_1x4_1-2	0	Bolt Gr. 8 UNC 1" x 4-1/2"
27	6	BLT8C_1x5_1-2	0	Bolt Gr. 8 UNC 1" x 5-1/2"
28	3	BLT8C_1x7	0	Bolt Gr. 8 UNC 1" x 7"
29	4	BLT8C_3-8x1_1-4	0	Bolt Gr. 8 UNC 3/8" x 1-1/4"
30	1	NUT2C_3_m_N-CY	0	Nut Gr. 2 UNC 3" Machined and Painted
31	1	NUT8C_1_1-4	0	Nut Gr. 8 UNC 1-1/4"
32	10	NUT8C_1_STL	0	Nut Gr. 8 UNC 1" Stover Lock
33	4	NUT8C_3-8_STL	0	Nut Gr. 8 UNC 3/8" Stover Lock
34	1	WSH8_1_STR	0	Washer Gr. 8 - 1" Structural
35	8	WSH8_3-8_STR	0	Washer Gr. 8 - 3/8" Structural

SECTION 1.01 KITS



301100100-R3 Kit	
QTY	DESCRIPTION
4	Bolt Gr. 8 UNC 3/8" x 1-1/4"
2	Comp Bushing 4.00" ID x 4.50" OD x 4.00"
1	Decal - Notice Grease Daily
1	Decal - Safety Tie Down
2	Knuckle, Chain Keeper
1	Knuckle, Sub-weldment
1	Knuckle, Thrust Washer
4	Nut Gr. 8 UNC 3/8" Stover Lock
1	Seal .375"- 5.50" OD- 4.06" ID
1	Seal .75"-7.25" OD-5.50" ID
1	Seal 4" Pin
8	Washer Gr. 8 - 3/8" Structural



301100103 Kit	
QTY	DESCRIPTION
1	Nut Gr. 2 UNC 3" Machined and Painted
1	Pin Vertical_4" (PG shaft induction hardend)
1	Washer_knuckle_vert.pin

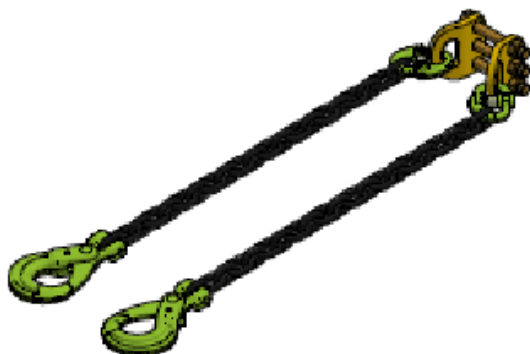
IF YOU HAVE SAFETY CHAINS,
USE LONGER INCLUDED BOLTS.



301100308 Kit	
QTY	DESCRIPTION
9	Bolt Gr. 8 UNC 1" x 5-1/2"
3	Bolt Gr. 8 UNC 1" x 7"
1	Bolt Gr. 8 UNC 1-1/4" x 6"
2	Comp Bushing 4.00" ID x 4.50" OD x 4.00"
1	Decal - Caution Lift Point
2	Decal - Lift Hook Highlight, Knuckle
1	Decal - Notice Grease Daily
1	Grease,Thrust,Washer_Vertical .pin
1	Metalcraft Vertical Bushing
12	Nut Gr. 8 UNC 1" Stover Lock
1	Nut Gr. 8 UNC 1-1/4"
1	Seal 4" Pin

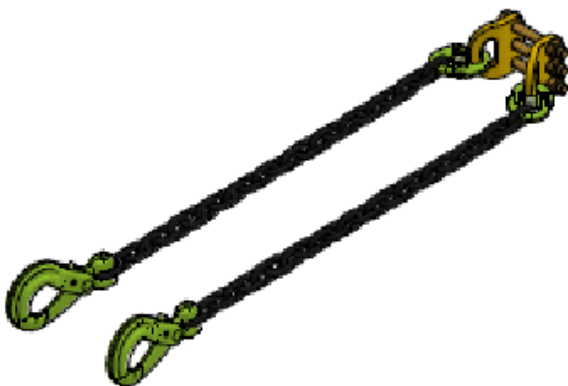


301100248 Kit	
QTY	DESCRIPTION
1	Bolt Gr. 8 UNC 1" x 4-1/2"
1	Nut Gr. 8 UNC 1" Stover Lock
1	Thrust Nut (Knuckle)
1	Washer Gr. 8 - 1" Structural



21 LINK SAFETY CHAINS

301100268 Kit	
QTY	DESCRIPTION
2	5/8" Grade 100 Clevis Self-Locking Hook
2	5/8" Grade 100 Coupling Link
3	Bolt Gr. 8 UNC 1" x 7"
2	Chain Grade 100 5/8" 21 Links
2	Knuckle_Safety Chain Ear
3	Nut Gr. 8 UNC 1" Stover Lock

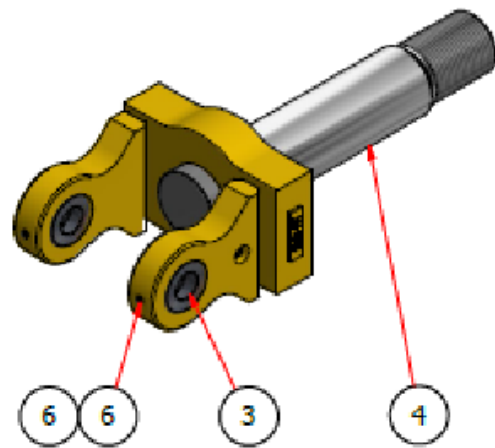


24 LINK SAFETY CHAINS

301100260 Kit	
QTY	DESCRIPTION
2	5/8" Grade 100 Clevis Self-Locking Hook
2	5/8" Grade 100 Coupling Link
3	Bolt Gr. 8 UNC 1" x 7"
2	Chain Grade 100 5/8" 24 Links
2	Knuckle_Safety Chain Ear
3	Nut Gr. 8 UNC 1" Stover Lock

SECTION 1.01 KITS

1.5" ASHLAND

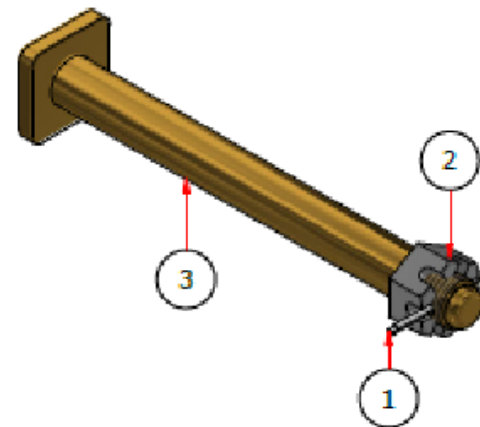


Pin Not Included, Sold Separately

301003258-R4

ITEM	QTY	PART NUMBER	REV	DESCRIPTION
4	1	201004500_sm_K	4	Shaft for AI Spaced K-Tec Yoke
3	2	211000217_smh_K	0	Yoke, Bushing 1.5" ID 3" OD
6	4	405000121	0	SSS CN 1/2-13 UNC x 5/8"

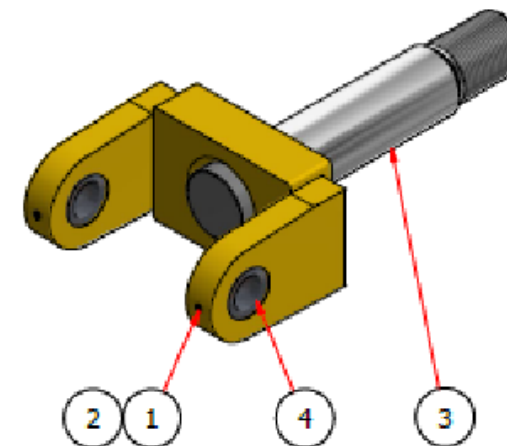
1.5" ASHLAND PIN



311100010 Kit

ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	405000002	0	Cotter Pin 1/4" x 3"
2	1	NUT5C_1_1-2_CSTL	0	Nut Gr. 5 UNF 1-1/2" Castle
3	1	311000171_w_PIN	0	PIN ASSY, HITCH 4-EAR

2" K-TEC

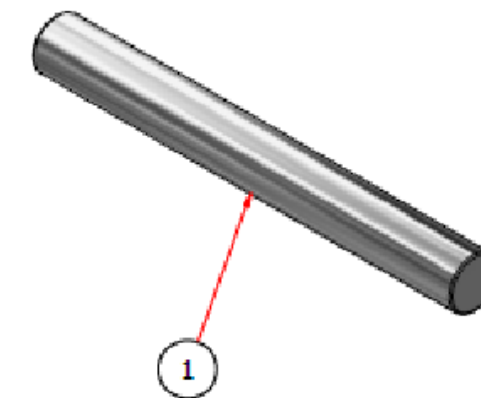


Pin Not Included, Sold Separately

301004500-R3

ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	2	405000121	0	SSS CN 1/2-13 UNC x 5/8"
2	2	405000122	0	SetScrew 1/2-13 UNC x 3/4" L
3	1	201004500_sm_K	4	Shaft, knuckle longitudinal
4	2	201004041_smh_K	0	Yoke, K-Tec Bushing

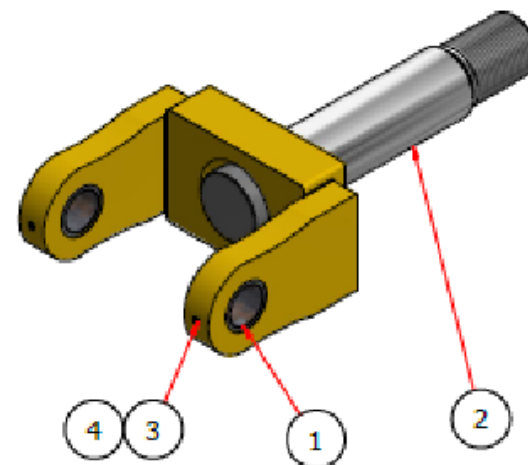
2" K-TEC PIN
(ONLY USED WITH K-TEC DRAWBARS)



205001668-R1

ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	205001668_s	1	Pin K-Tec Yoke 2" x 17.25"

60mm JD

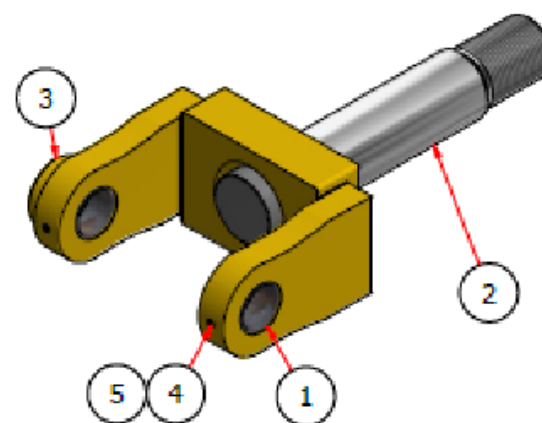


Pin Not Included, Supplied By Customer

301003261-R4

ITEM	QTY	PART NUMBER	REV	DESCRIPTION
15	2	101011400_cm_K	0	Ear, knuckle, yoke
1	2	201001950_smh3K	2	Yoke, JD 60mm Bushings
2	1	201004500_sm_K	4	Shaft, knuckle longitudinal
3	2	405000121	0	SSS CN 1/2-13 UNC x 5/8"
4	2	405000122	0	SetScrew 1/2-13 UNC x 3/4" L

65mm JD

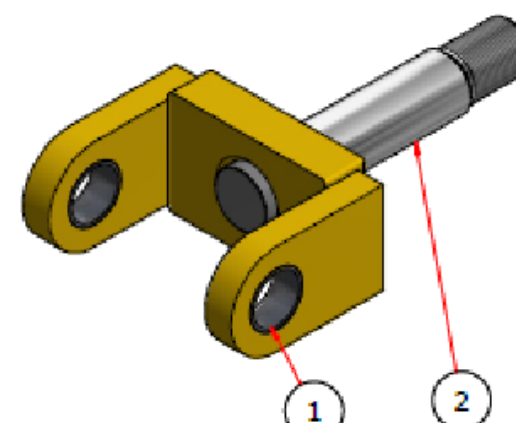


Pin Not Included, Supplied By Customer

301100249-R3 Kit (301003260 Yoke)

ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	2	201001939_smh3K	2	Yoke, JD 65mm Bushings
2	1	201004500_sm_K	4	Shaft, knuckle longitudinal
3	1	205050002_sm-CY	1	J.D 65mm pin spacer
4	2	405000121	0	SSS CN 1/2-13 UNC x 5/8"
5	2	405000122	0	SetScrew 1/2-13 UNC x 3/4" L

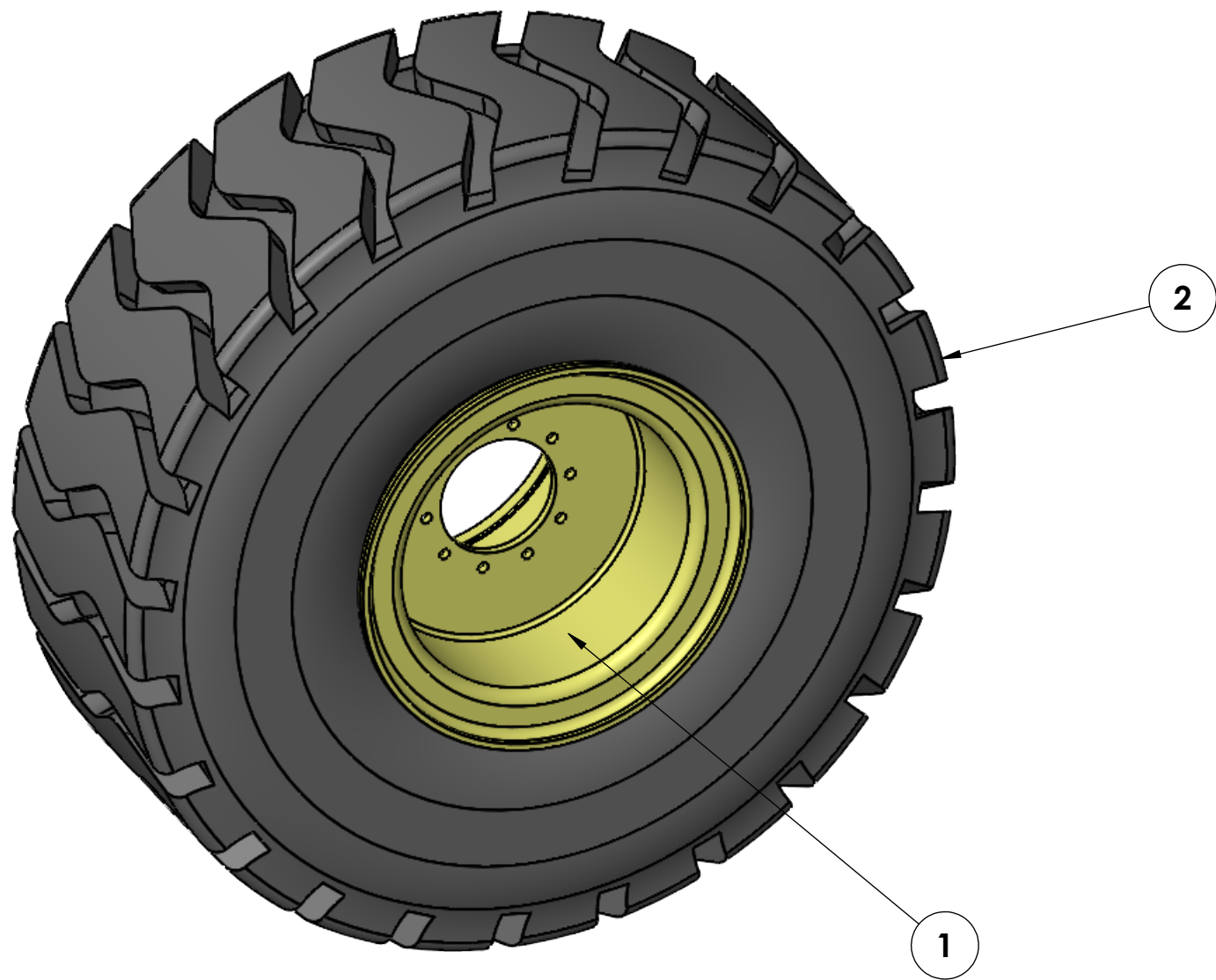
3.5" MTS/EJECT



Pin Not Included, Supplied By Customer

301003259-R2

ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	2	201002114_smh_K	1	HT Wear Bushing Eject Yoke
2	1	201004500_sm_K	4	Shaft, knuckle longitudinal



ITEM	QTY.	MC PART NO	PART NAME
1	1	50708	RIM ASSY
2	1	50705	23.5 x 25 TIRE
3	1	50707	26.5 X 25 TIRE (OPTIONAL)

TIRE & RIM ASSEMBLY

CYLINDER WITH SPLIT BUSHING ENDS
USED ON MACHINES UP TO SERIAL #301.



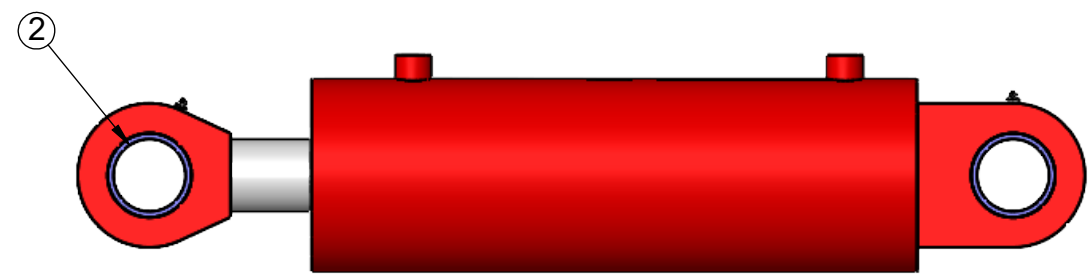
50301 GATE CYLINDER			
ITEM	PART NAME	PART NUMBER	QTY
1	SEAL KIT *	SK-01835	1
2	SPLIT BUSHING	40200	2

CYLINDER WITH SPHERICAL ENDS USED
ON MACHINES WITH SERIAL #302 ON UP.

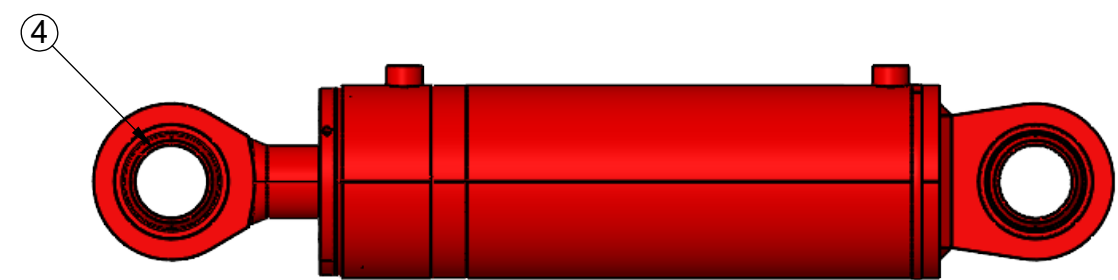


50301 GATE CYLINDER			
ITEM	PART NAME	PART NUMBER	QTY
3	SEAL KIT	432803	1
4	SPHERICAL BEARING	50533	2

CYLINDER WITH SPLIT BUSHING ENDS
USED ON MACHINES UP TO SERIAL #292.



CYLINDER WITH SPHERICAL ENDS USED
ON MACHINES WITH SERIAL #293 ON UP.



SERIAL NUMBER 00293MCSC - UP

50313 WHEEL CYLINDER			
ITEM	PART NAME	7 B x 17 S W / 3.00 ROD	QTY
1	SEAL KIT *	SK-01833	1
2	SPRING TENSION BUSHING	50248	2

50313 WHEEL CYLINDER			
ITEM	PART NAME	PART NUMBER	QTY
3	SEAL KIT	432796P	1
4	SPHERICAL BEARING	50532	2



SERIAL NUMBER 00310MCSD - UP

50311 EJECTOR CYLINDER			
ITEM	PART NAME	PART NUMBER	QTY
1	SEAL KIT *	SK-01975	1
3	SPRING TENSION BUSHING	50251	2

50311 EJECTOR CYLINDER			
ITEM	PART NAME	PART NUMBER	QTY
4	SEAL KIT	432288P	1
5	SPHERICAL BEARING	50533	2

ITEM NO.	MC PART NO	PART NAME	QTY.
1	50402	FRONT PIPE GATE	4
2	50406	FRONT PIPE CYL LINE	1
3	50442	REAR EJECTOR LINE	1
4	50444	REAR LIFT LINE LOWER	1
5	50443	REAR LIFT LINE TOP	1
6	50475	GATE SIDE LINE	1
7	50474	GATE SIDE LINE-TOP	1
8	50471	SIDE LINE	1
9	50473	SIDE LINE	1
10	50472	SIDE LINE	1
12	50644	8 HOLE CLAMP	2
13	12MFFOR-12MFFOR BH	HYDRAULIC FITTING	1
14	12-MFFOR TEE	HYDRAULIC FITTING	4
15	12MB-12MFFOR90	HYDRAULIC FITTING	5
16	8MB-8MFFOR90	HYDRAULIC FITTING	2
17	8MB-8FFOR	HYDRAULIC FITTING	1
19	12G-12MFFOR90M	HYDRAULIC FITTING	2
20	12MFFOR-12FFORX90	HYDRAULIC FITTING	1
21	12MFFOR-BH 90	HYDRAULIC FITTING	2
22	50804	.75 BALL VALVE	1
23	50803	.5 BALL VALVE	1
24	12MB-12FFOR	HYDRAULIC FITTING	1
25	50311	5.0 B x 60 S EJECT	1
26	50313	7B X 17S FRAME	1
27	50301A	4.5 x 20 GATE CYL	1
28	51500	LH LIGHT BOX	1
29	50105	SAFETY LIGHT ASSEMBLY	2
30	51501	RH LIGHT BOX	1

