



AR2210

***ACTION* RAKE**

PARTS BOOK

Part #90664 HSMFG092622 Rev. #00 Starting Ser. #222AR10001

STRONG HERITAGE - STRONG PEOPLE - STRONGER FUTURE

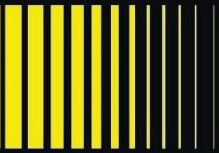


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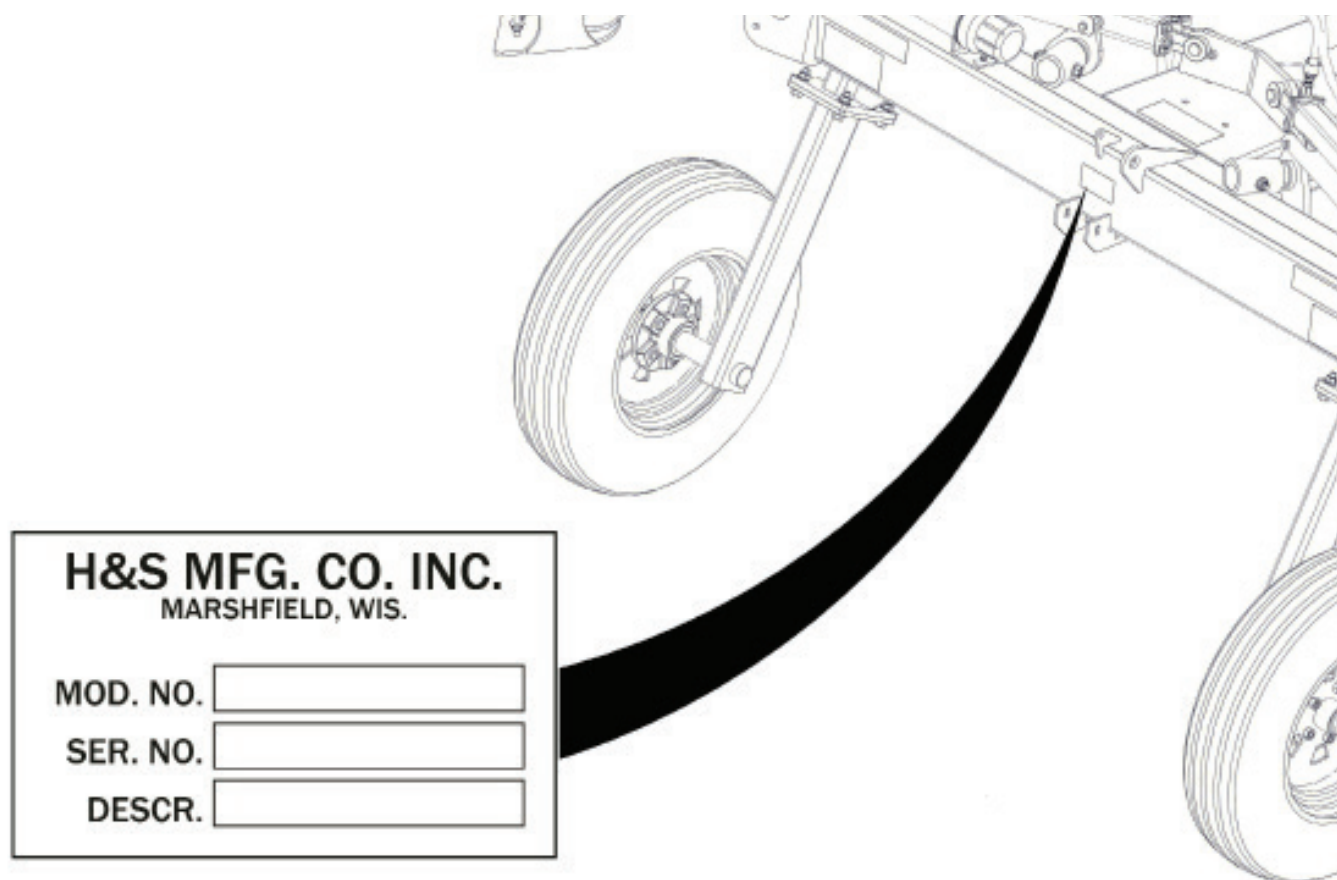
INSTRUCTIONS FOR ORDERING PARTS

All service parts should be ordered through your authorized H&S dealer. Your Dealership will be able to give you faster service if you provide them with the following:

1. All references to left or right apply to the machine as viewed from the rear.
2. Parts should not be ordered from illustration only. Please order complete part number.
3. If your dealer has to order parts, give shipping instructions:

VIA truck - large pieces (please specify local truck lines)

VIA United Parcel Service (include full address)



PLEASE RECORD NUMBERS FOR YOUR UNIT FOR QUICK REFERENCE

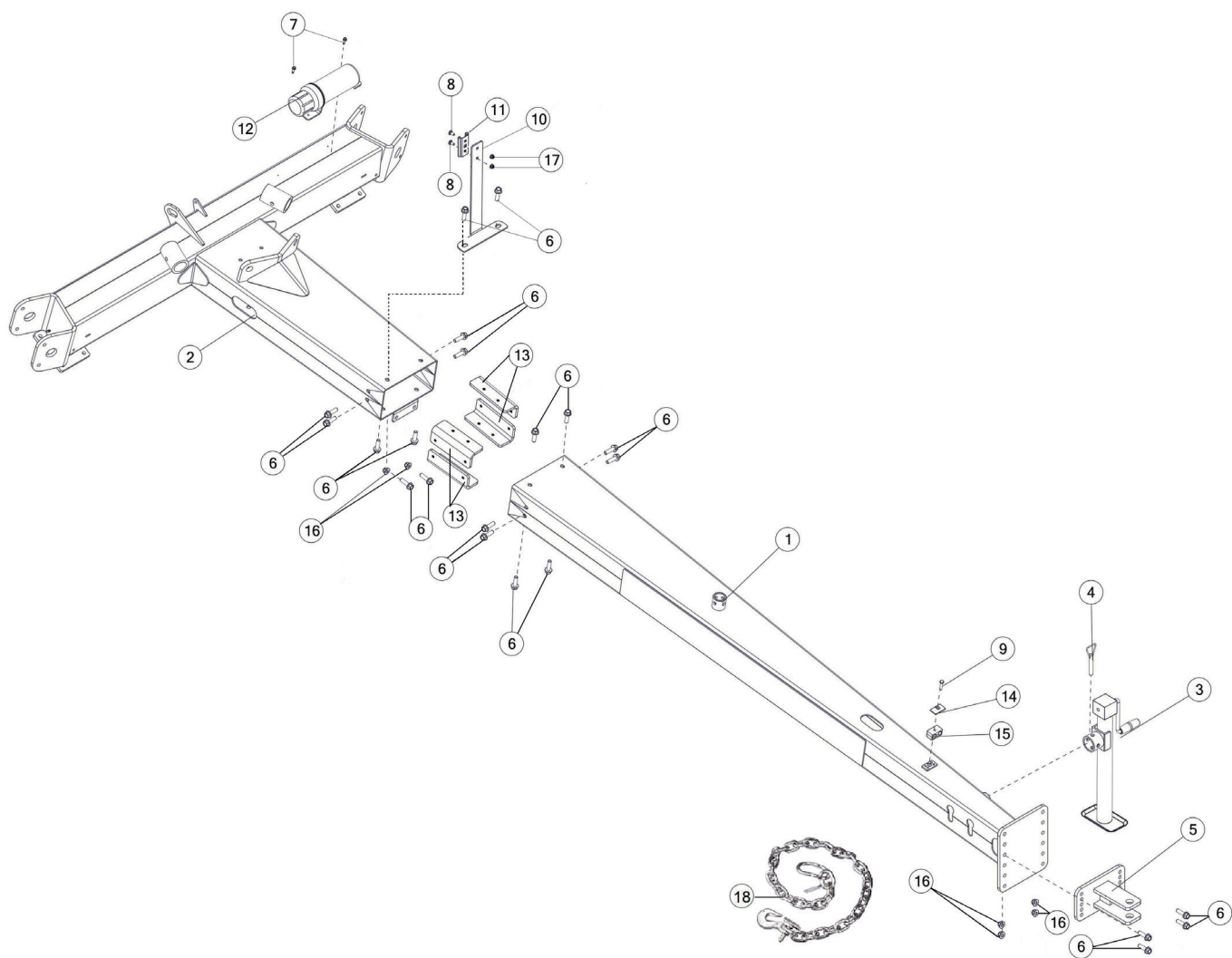
H&S IS CONTINUALLY STRIVING TO IMPROVE ITS PRODUCTS

We must, therefore, reserve the right to make improvements or changes whenever it becomes practical to do so, without incurring any obligation to make changes or additions to the equipment previously sold.





FIGURE 1
FRAME COMPONENTS





-3-





FIGURE 2
REAR FRAME COMPONENTS

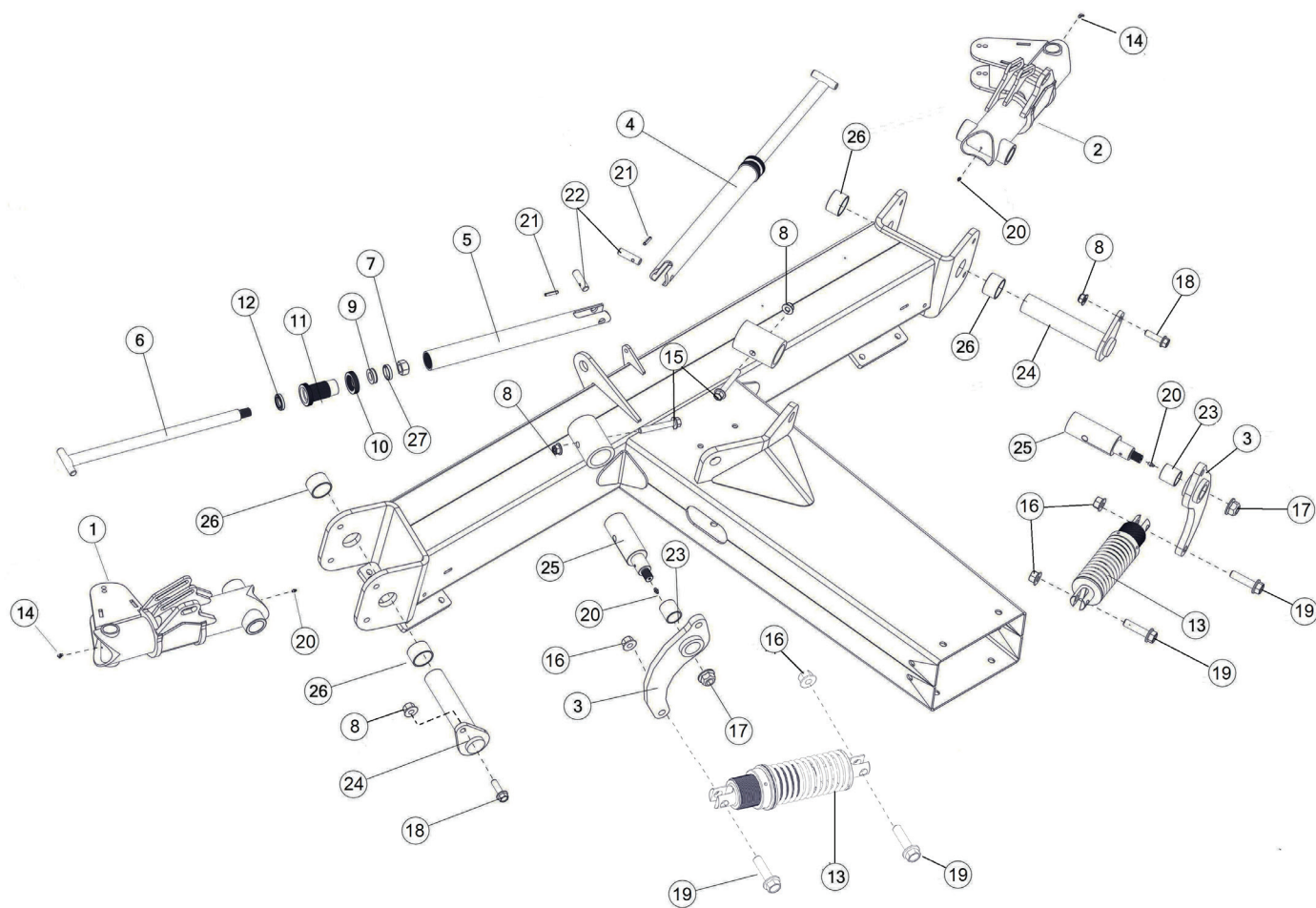




FIGURE 2

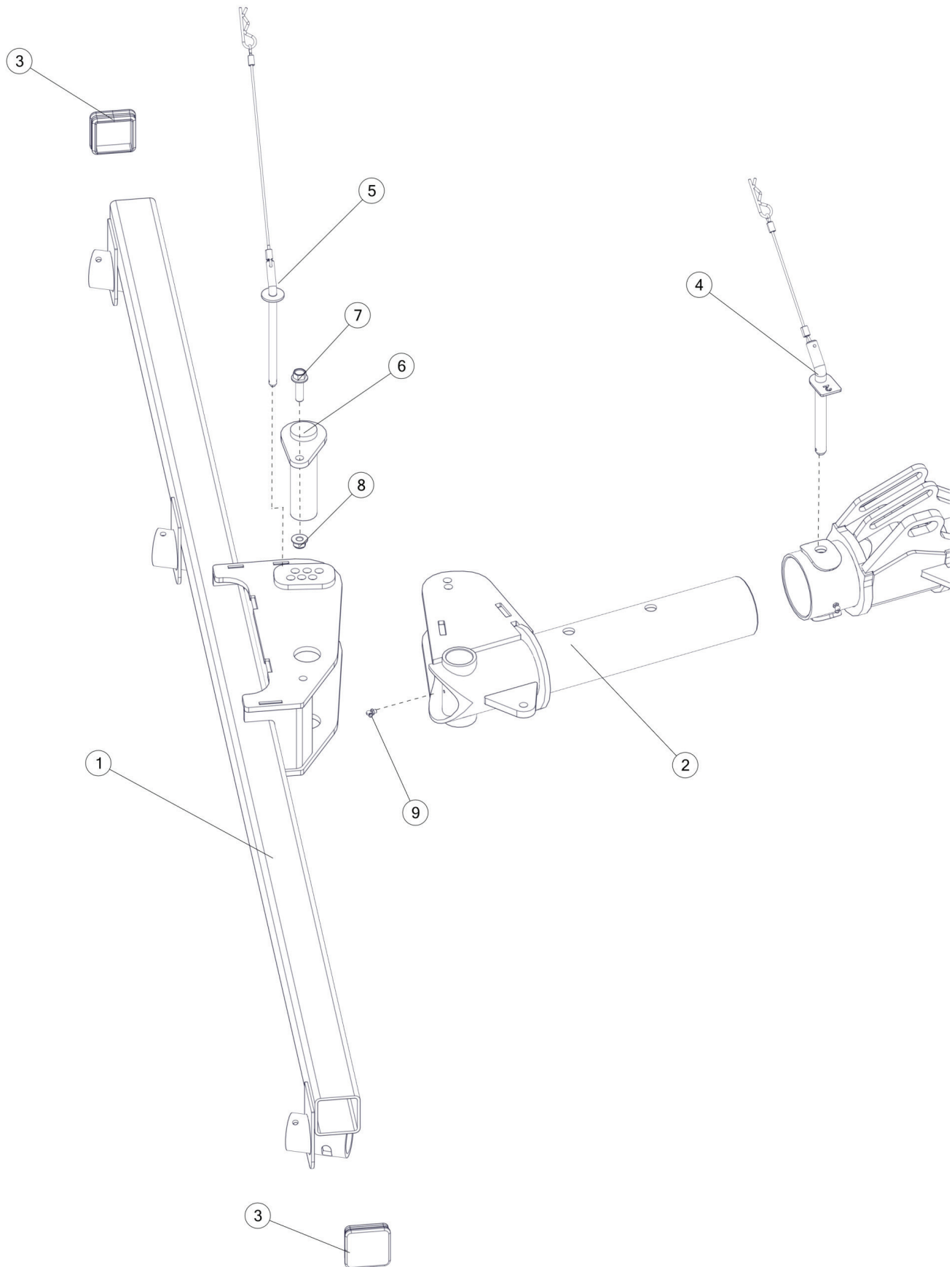
REAR FRAME COMPONENTS

REF #	PART #	DESCRIPTION	QTY
1	89391	LIFT ARM	1
2	89025	LIFT ARM	1
3	89190	ROCKER ARM	2
4	89160	ROD ASSEMBLY	2
5	89150	TUBE	2
6	89151	ROD	2
7	YNTL24006	NUT HEX, 3/4-10 LKTL C ZC	2
8	YNFG16003	NUT FLANGE, 1/2 GF	4
9	89162	PISTON	2
10	89163	LOCK RING	2
11	89161	BUSHING	2
12	89257	SEAL	1
13	90801	COIL SPRING ASSEMBLY	2
14	RG51	ZERK, 90 DEGREE 1/4	2
15	YBFB16350	BOLT FLANGE, 1/2 X 3-1/2 G5	2
16	YNFG20005	NUT FLANGE, 5/8-11 LKTL F ZC	4
17	YNFG24006	HEX NUT, FLANGED, TOP LOCK 3/4-10 GG ZINC	2
18	YBFB16175	BOLT FLANGE, 1/2 X 1-3/4 G5	2
19	YBFB20250	BOLT FLANGE, 5/8 X 2-1/2 G5	4
20	G89	STRAIGHT ZERK, 1/4-28	4
21	YPEX08010	EXPANSION PIN, 1/4 X 1-1/4	2
22	90675	LINKAGE PIN	2
23	G16	BUSHING, BRONZE	2
24	90576	PIN	2
25	89097	ROCKER PIVOT SHAFT	2
26	TS85	BUSHING, BRONZE, 2 OD X 1.752 ID X 1.250	4
27	95430	WIPER RING	1





FIGURE 3
LIFT ARM PIVOT & COMPONENTS RH



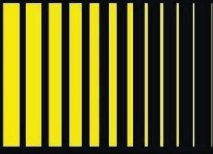


FIGURE 3

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FIGURE 4
LIFT ARM PIVOT & COMPONENTS LH

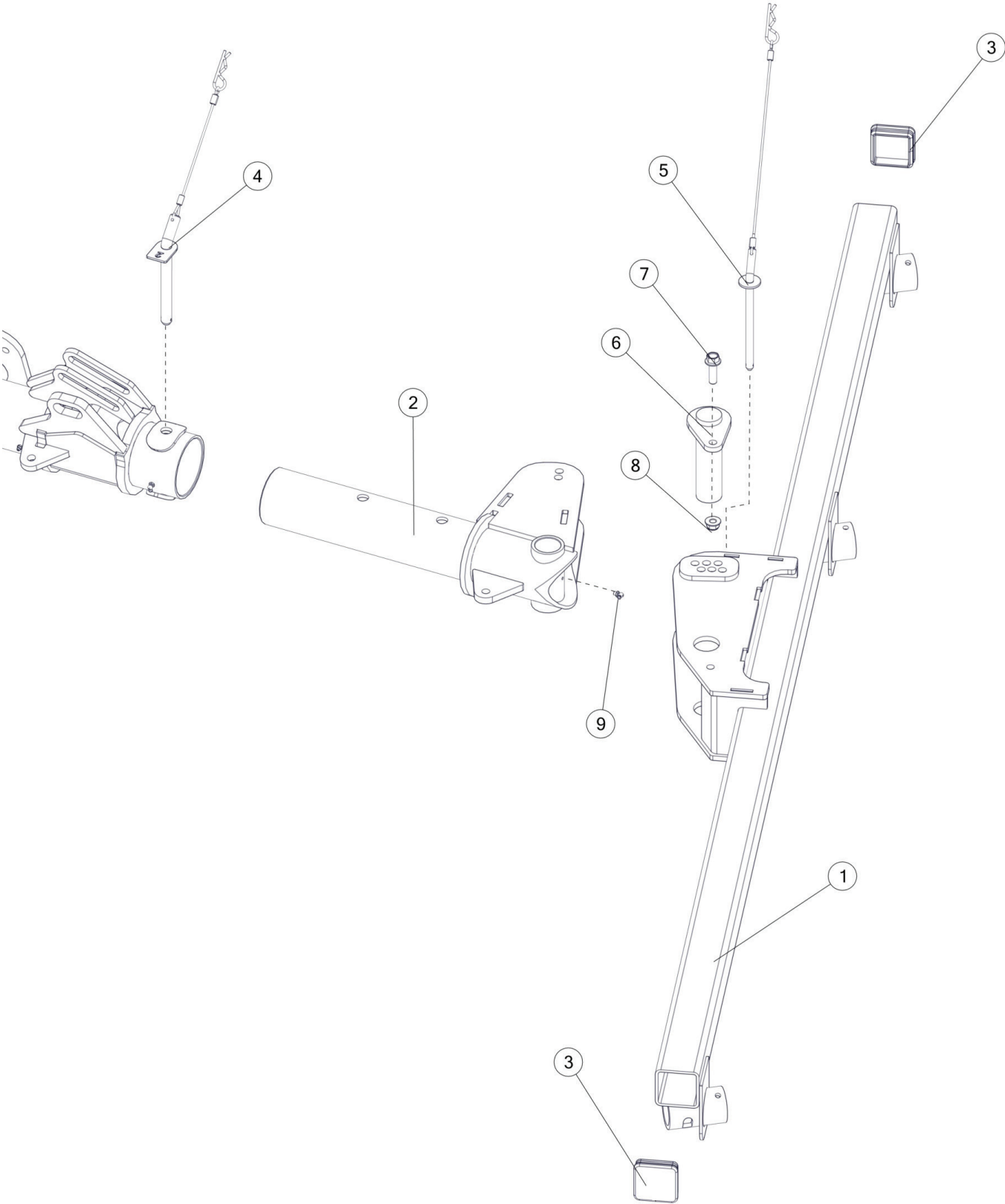
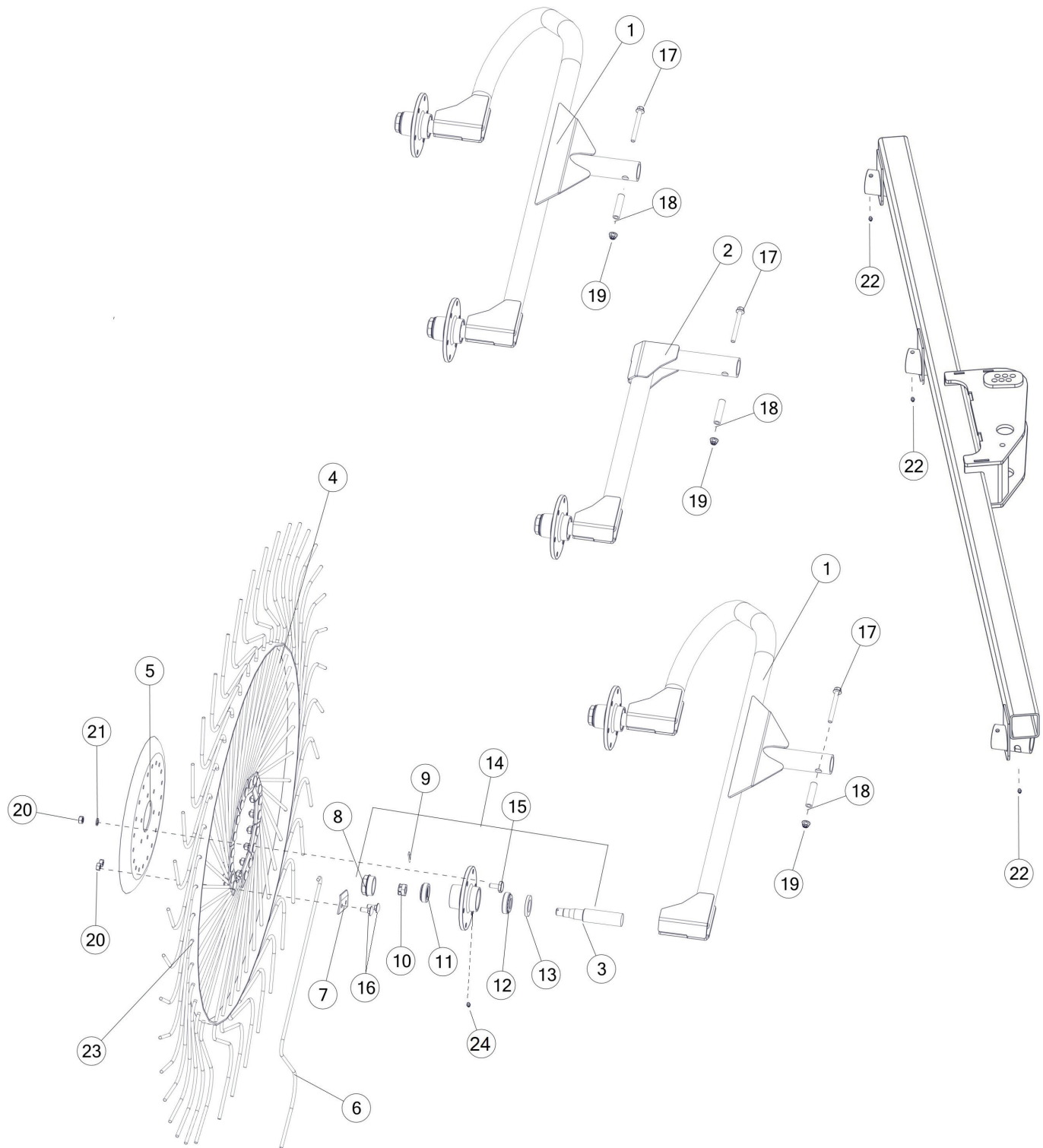
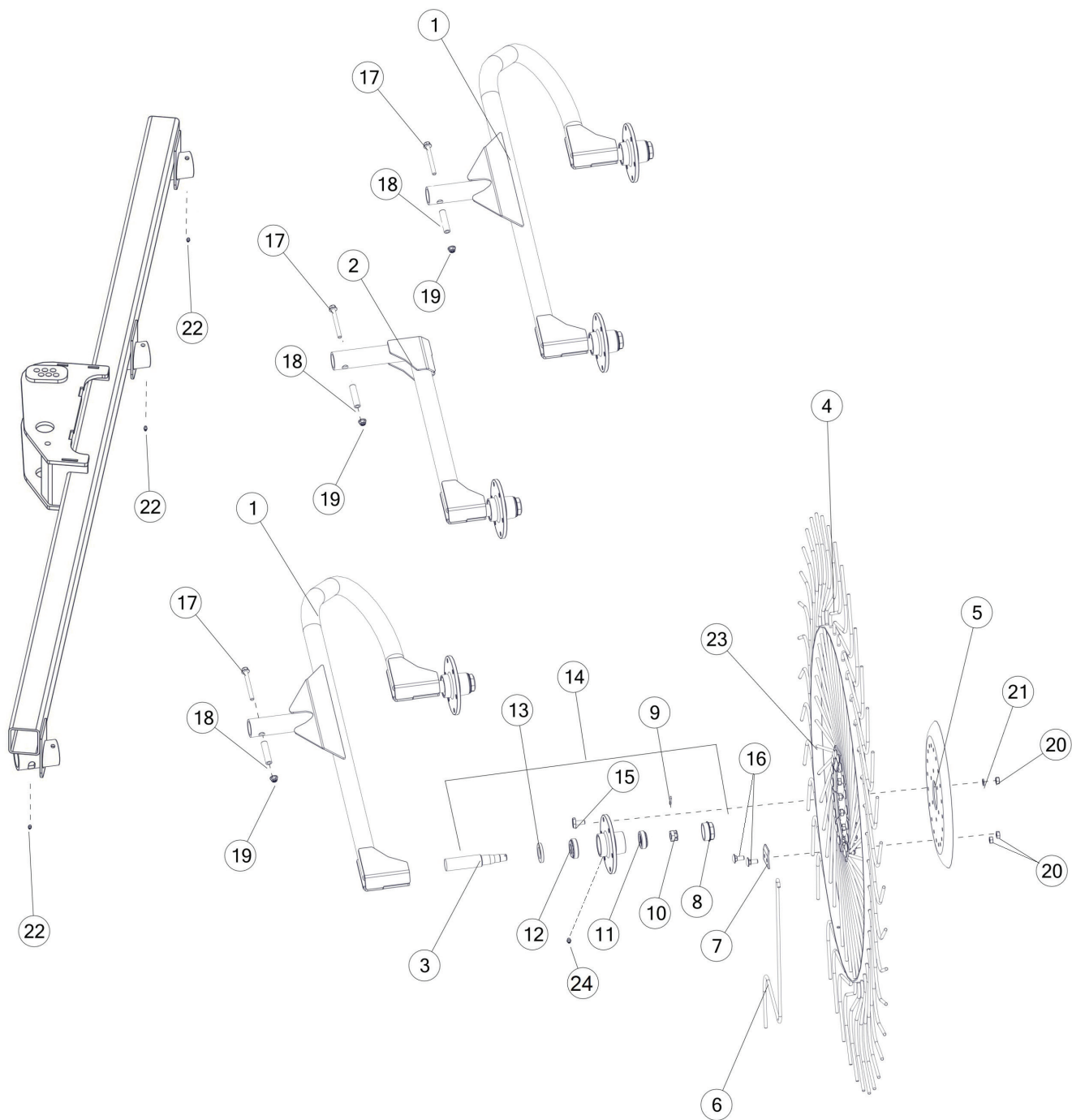




FIGURE 5
CANDY CANE & RAKE WHEEL COMPONENTS RH





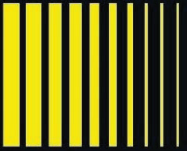


FIGURE 6

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FIGURE 7

AXLE & HUB COMPONENTS

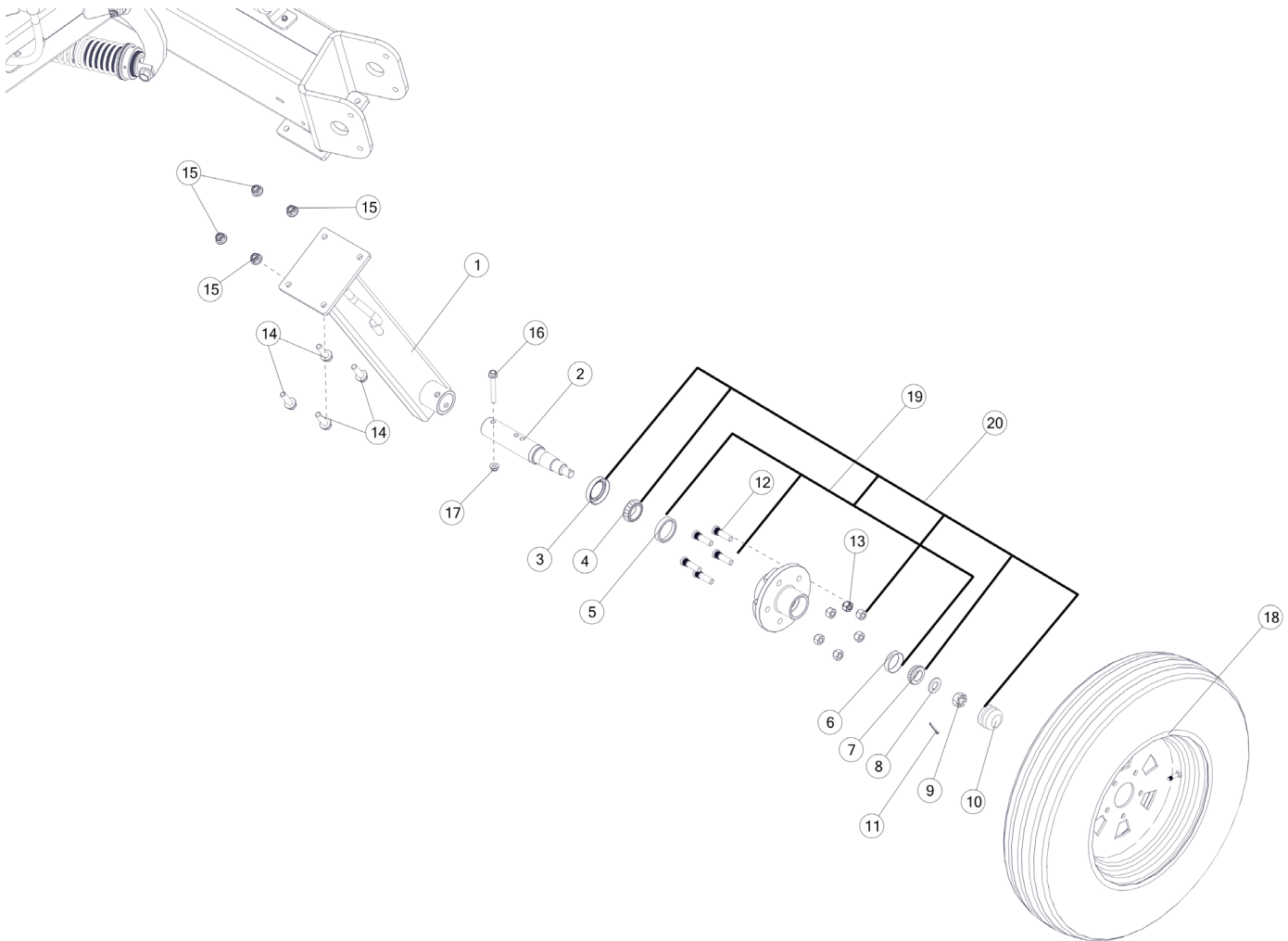
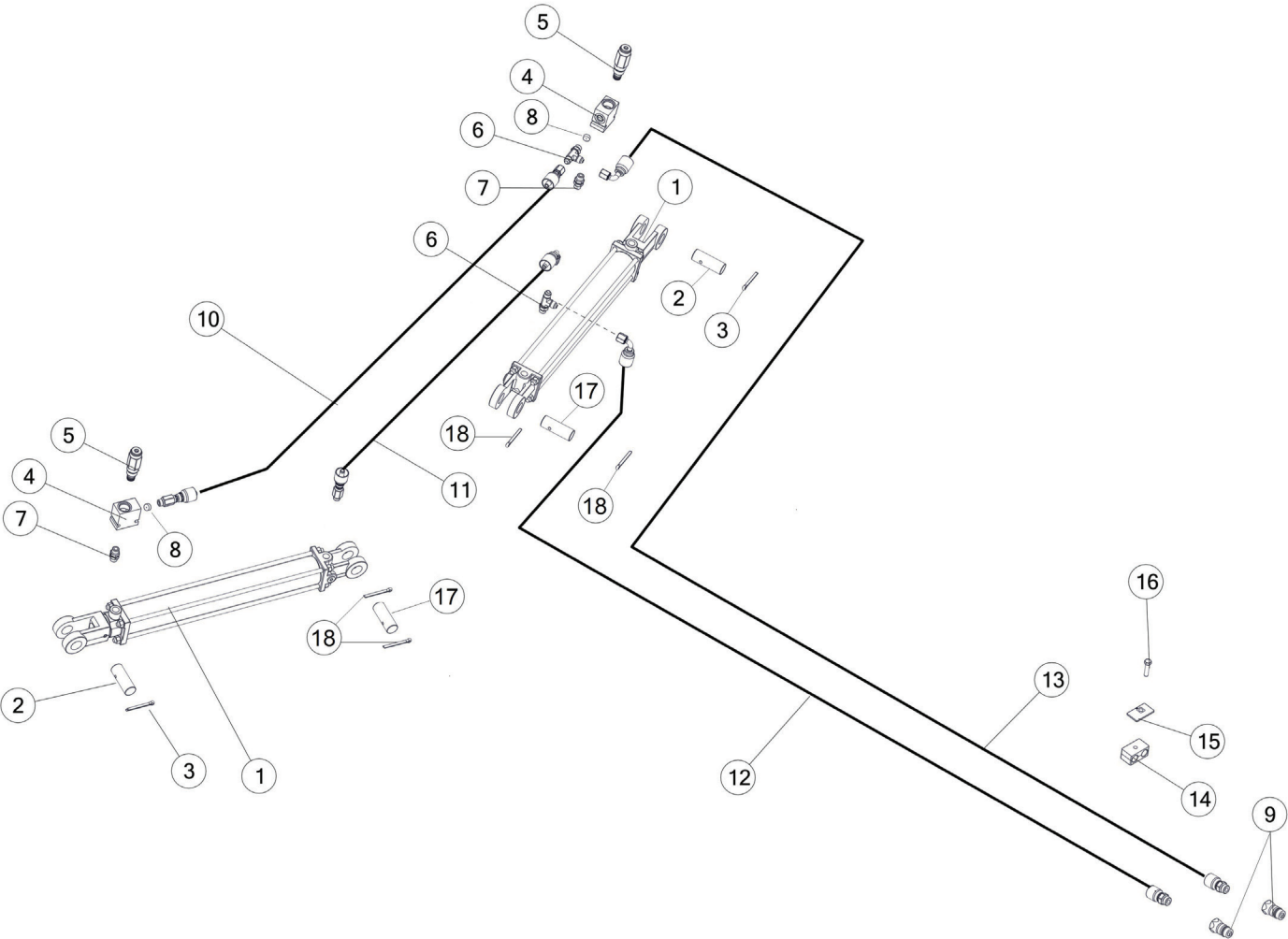




FIGURE 8
HYDRAULICS



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FIGURE 9
HYDRAULIC CYLINDER

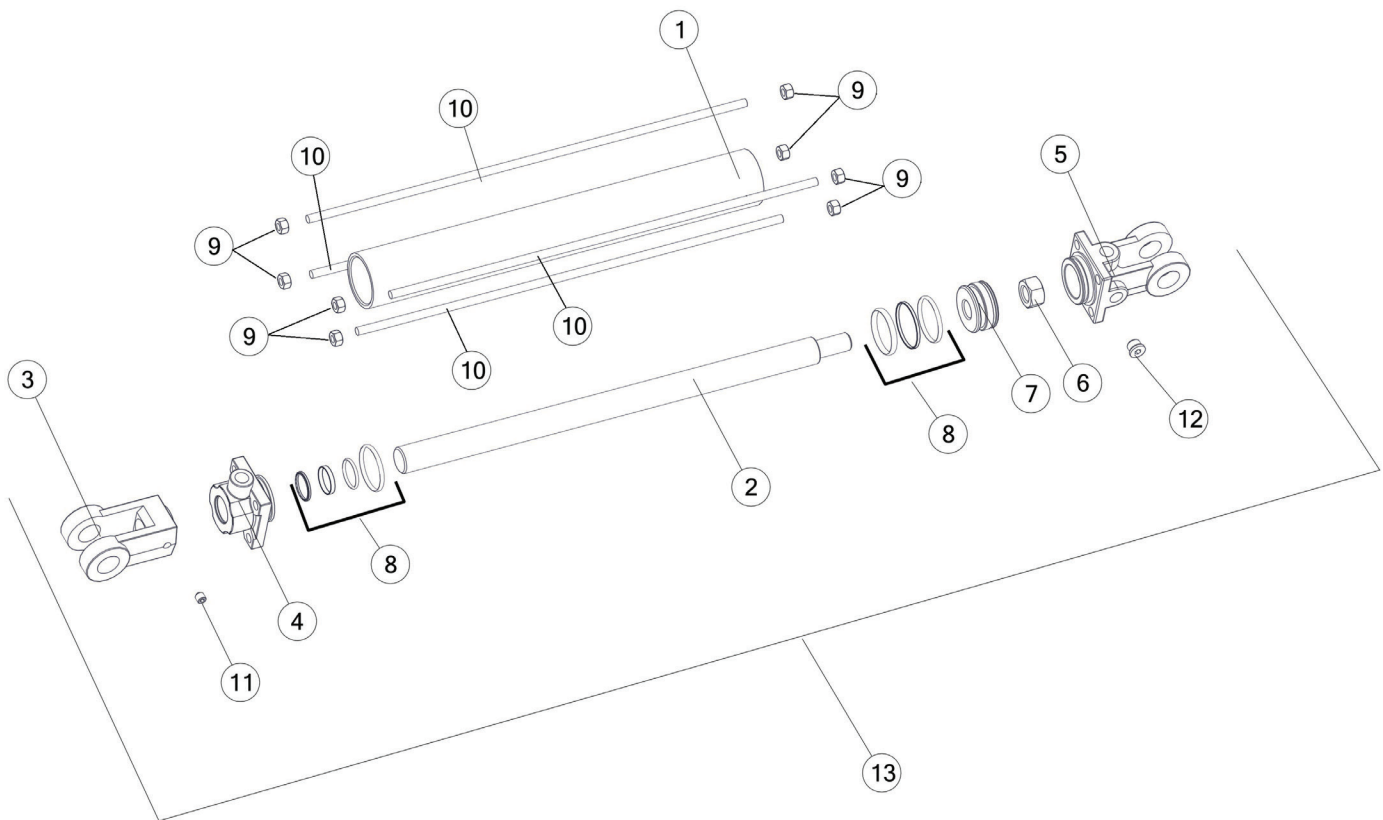




FIGURE 10
OPTIONAL KICKER WHEEL
(ARO2CKW)

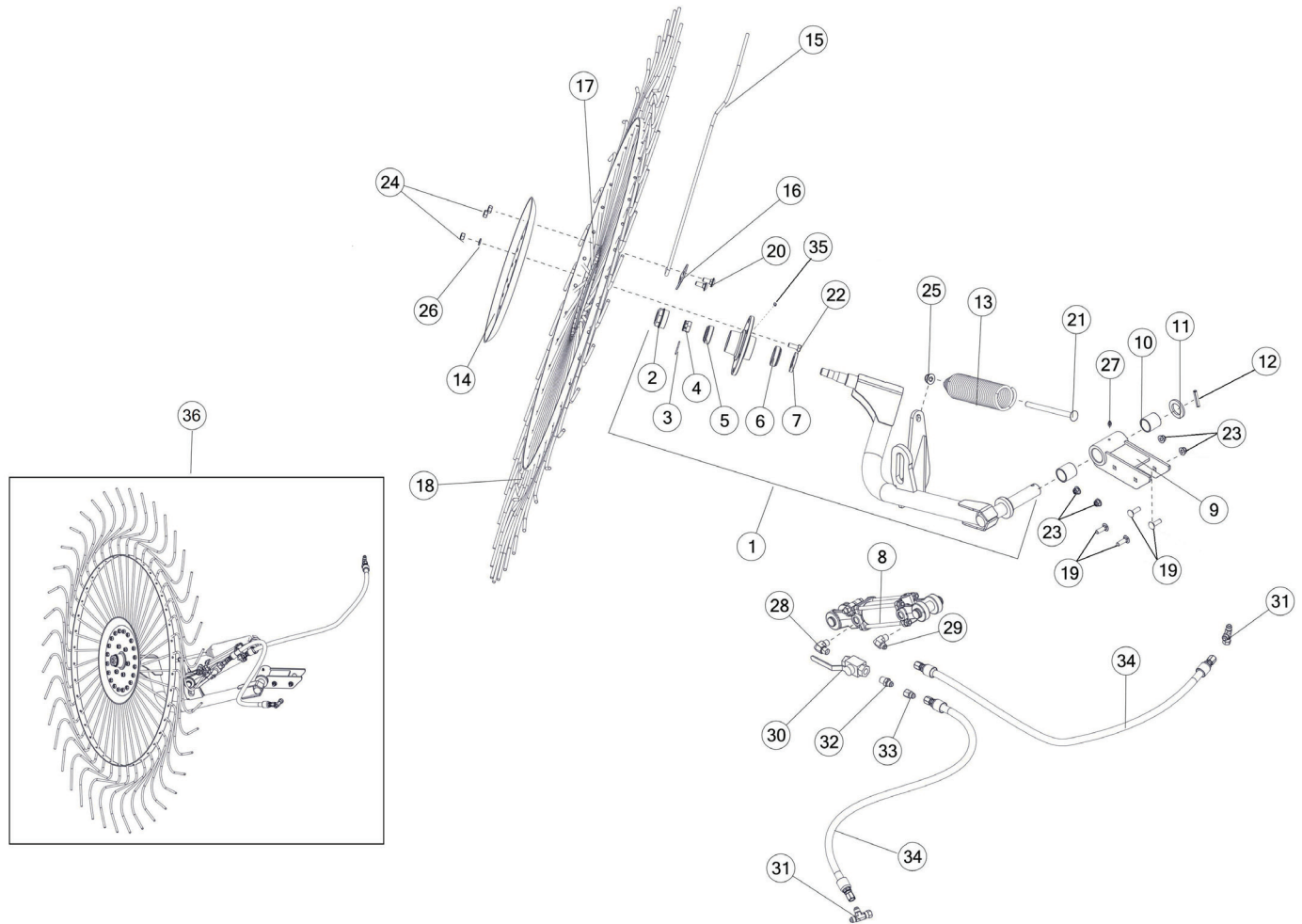




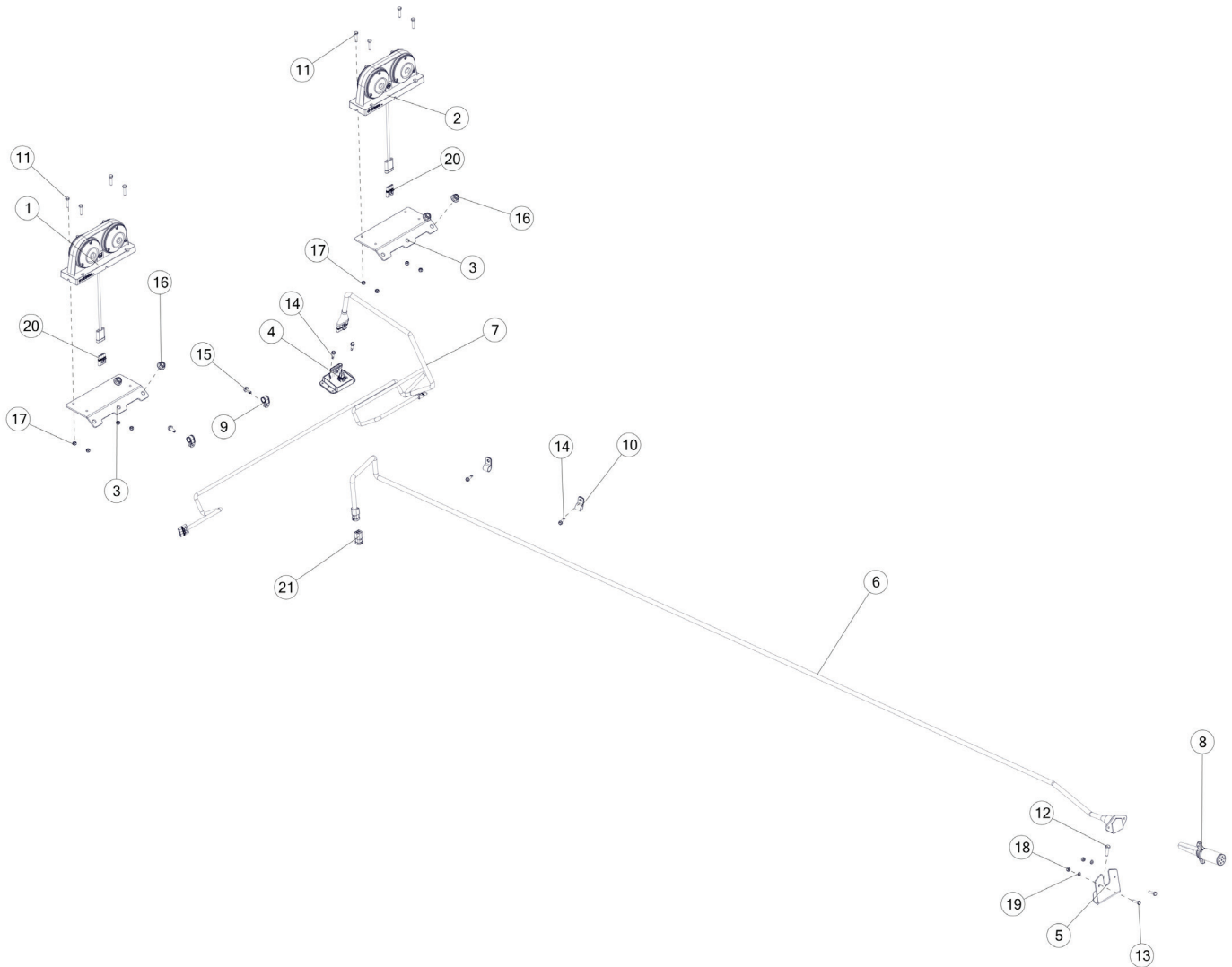
FIGURE 10
OPTIONAL KICKER WHEEL
(ARO2CKW)

REF #	PART #	DESCRIPTION	QTY
1	89474	REAR CANDY CANE	1
2	T173	CAP, HUB, RAKE WHEEL	1
3	1088	CLIP, RETAINING	1
4	T172	NUT, HEX, 18MM - 1.5, CASTLE, G2, NF	1
5	600014	TAPER BEARING, 1.85 X .75 COMPLETE	1
6	600012	TAPER BEARING, 2.05 X .75 COMPLETE	1
7	T163	SEAL, 2.05 X 1.25 X .25	1
8	89481	HYDRAULIC CYLINDER, 2 X 4	1
9	89470	KICKER WHEEL MOUNT	1
10	G16	BUSHING, BRONZE	2
11	BFR229	WASHER, SHIM .185 X 1.281 ID X 2 OD	1
12	YPEX10015	EXPANSION PIN, 5/16 X 1-3/4	1
13	75862	SPRING, EXTENSION, CANDY CANE	1
14	FR71	RAKE WHEEL CENTER 60 IN BLACK	1
15	FR73	BIGGY RAKE WHEEL TOOTH, 60 IN, BLACK	40
16	FR74	RAKE TOOTH CLIP BLACK	10
17	FR72	RAKE WHEEL BAND 60 IN BLACK	1
18	FR70	RH RAKE WHEEL COMPLETE, 60	1
19	YBCR12020	BOLT CARRIAGE, 3/8-16 X 1-1/4 G5 ZC	4
20	YBCR76005	BOLT CARRIAGE, M10-1.5 X 25MM 8.8 NF	20
21	YBCR16060	BOLT CARRIAGE, 1/2-13 X 7 G5 ZC	1
22	YBHH76015	BOLT HEX, M10-1.5 X 25 10.9 ZC	6
23	YNFG12006	NUT FLANGE, 3/8 GF	4
24	YNHX76015	NUT HEX, M10-1.5 NA CL10 ZC	26
25	YNFG16003	NUT FLANGE, 1/2 GF	1
26	YWLO76015	WASHER, LOCK, M10	6
27	G89	STRAIGHT ZERK, 1/4-28	1
28	8002	3/8 NPT MALE TO MALE ELBOW	1
29	CHM164	FITTING, 90, 6JIC X 3/8NPT	1
30	59235	BALL VALVE, 3/8 HIGH PRESSURE	1
31	CHM242	FITTING, TEE, 6JIC X 6JIC X 6JIC	2
32	CHM202	FITTING, ST, 06JIC, 06NPT	1
33	58144	IN-LINE CONNECTOR, ORIFICE, 6-XHX7-S .062	1
34	93195	HYDRAULIC HOSE, 6, 40.5	2
35	600034	GREASE NIPPLE	1
36	ARO2CKW	OPTIONAL CENTER KICKER WHEEL, COMPLETE	1





FIGURE 11
OPTIONAL LIGHTS
(AROLIGHT2)



REF #	PART #	DESCRIPTION	QTY
1	77924	TAIL LIGHT ASSY, RH	1
2	77923	TAIL LIGHT ASSY, LH	1
3	96052	LIGHT BRACKET	2
4	69908	MODULE, CONTROL, BLINKER	1
5	BFR659	LIGHT BRACKET	1
6	77986	LIGHT HARNESS	1
7	77990	ELEC HARNESS, LIGHT, REAR	1
8	TLPC	TRANSPORT LIGHT CORD	1
9	HGV162	RUBBER WIRE HOLDER, 1/2	2
10	HGV72	CUSHION WIRE CLAMP 3/4	2
11	YBHH08030	BOLT HEX, 1/4 X 1-1/4 GR 2	8
12	56568	CLAMP BOLT 5/16-18 x 1-3/8	1
13	YBHH08005	BOLT HEX, 1/4 X 1 GR 2	2
14	YSDR08005	SELF DRILL SCREW, HEX WASH HD, 1/4-14 X 1 ZC	4
15	YSHW10034	THREAD CUTTING SCREW, 5/16 X 3/4	2
16	YNFG16003	NUT FLANGE, 1/2 GF	4
17	YNNY08005	NUT HEX, 1/4-20 LKNY G2 ZC	8
18	YNHX08005	NUT HEX, 1/4-20 NAA ZC	2
19	YWLO08005	WASHER, LOCK, 1/4 ZC	2
20	74269	ELEC, WTHRPK, 4 WAY , FEMALE	2
21	75000	ELEC, WTHRPK, 4 SQ, MALE	1





FIGURE 12
OPTIONAL ONE-SIDED RAKING
(AROVK)

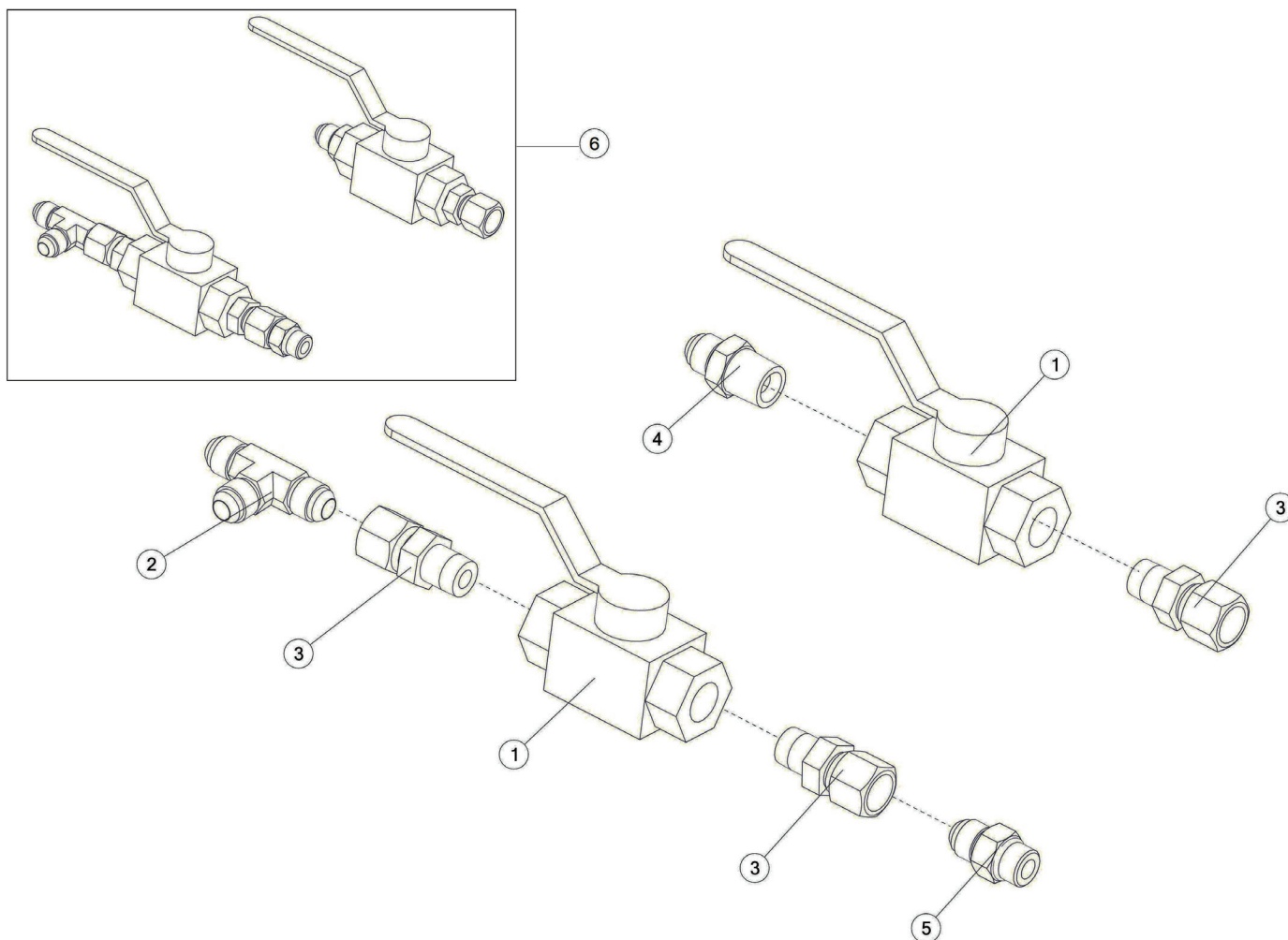
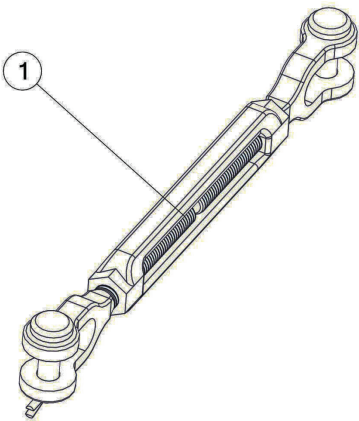
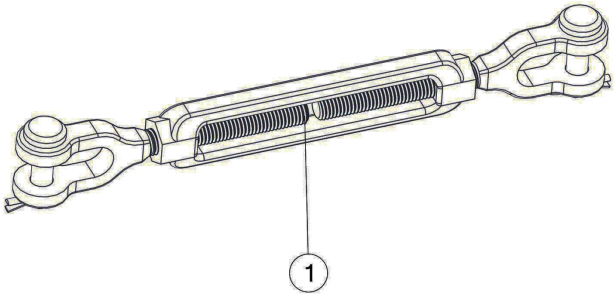
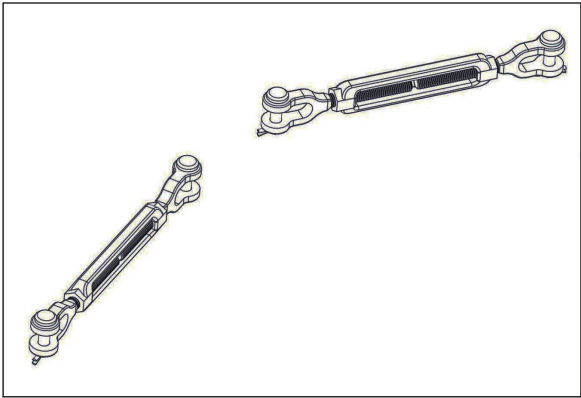




FIGURE 13
OPTIONAL TURNBUCKLE ADJUSTMENT
(AROTAK)





PARTS NOTES

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H&S MFG. CO.

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for the

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SEAL OF QUALITY



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