

ENVIRONMENTAL
TILLAGE SYSTEMS

soil WARRIOR

2027 PARTS CATALOG



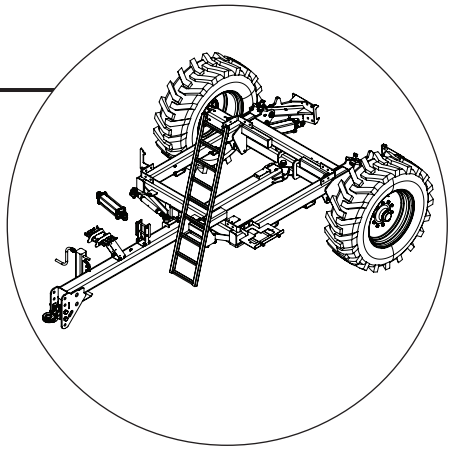
OFFICE - 507.332.2231
PARTS - parts@soilwarrior.com
SERVICE - service@soilwarrior.com

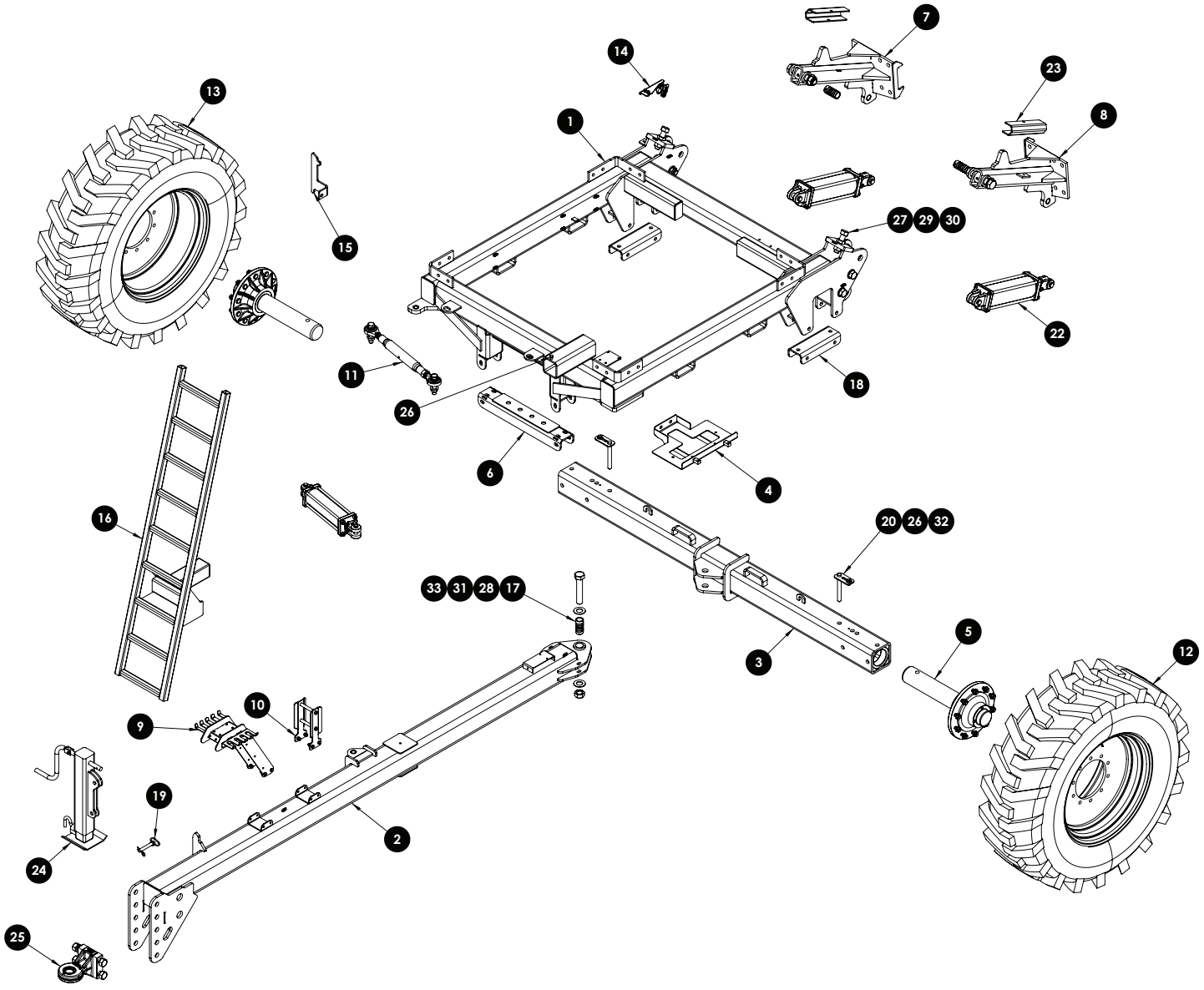
TABLE OF CONTENTS

CART ASSEMBLY	4
TOOLBAR ASSEMBLY	20
ROW UNITS	58
TANKS/METERS DRY	108
TANKS/PUMP LIQUID	136
PNEUMATICS	142
HYDRAULICS	146
ELECTRICAL	176
MISCELLANEOUS COMPONENTS	190

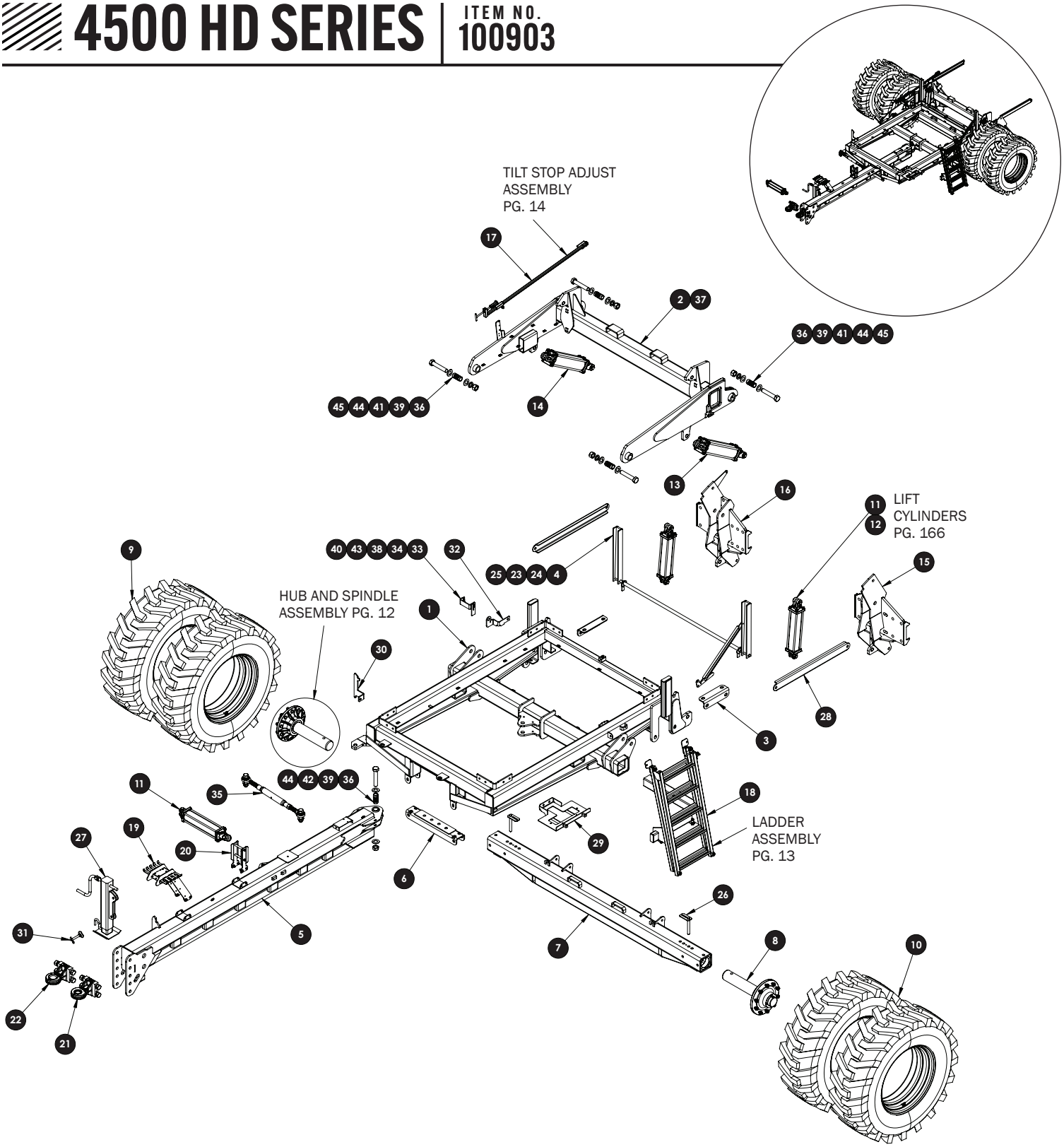


SERIAL NUMBER _____



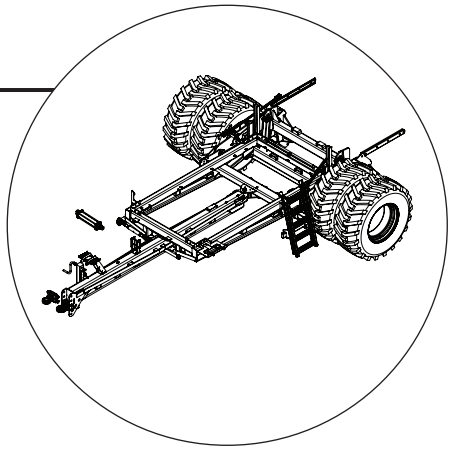

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
22
23
24
25
26
27
28
29
30
31
32
33

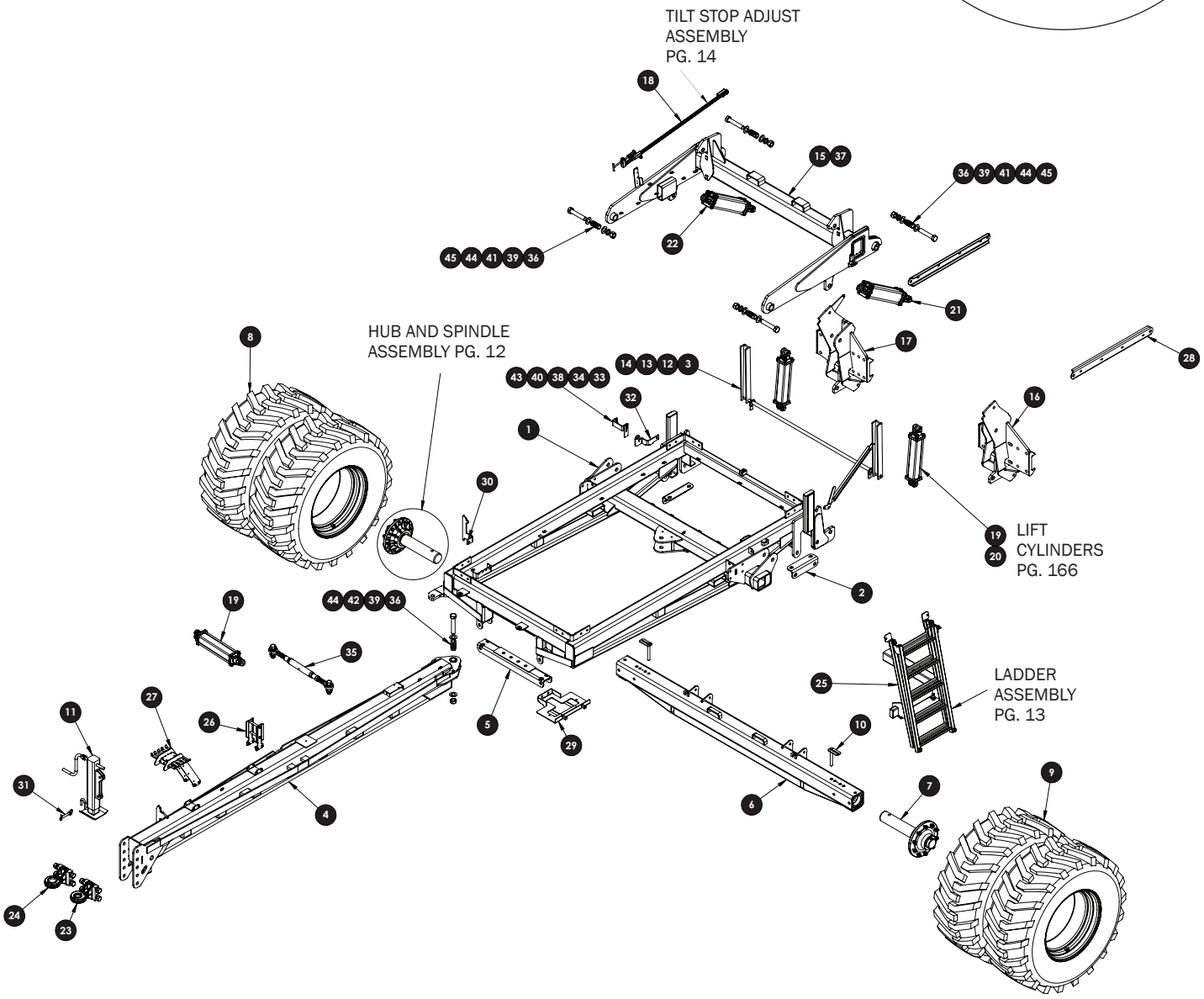
ITEM	PART NO.	QTY.	DESCRIPTION
1	**100473GY1**	1	CART FRAME, 3100 SERIES, STEERABLE
2	**100442GY1**	1	HITCH, 3100 SERIES CART, STEERABLE
3	**100445GY1**	1	WELD, AXLE, CERES, SINGLES
4	**104177GY1**	1	WELD, TOOLBOX MOUNT
5	**2244BK1**	2	ASSEMBLY, HUB & SPINDLE, HD AXLE
6	**1531GY1**	1	WELD, HITCH KEEPER, HD CART
7	**100384**	1	ASSY, RH ARM
8	**100385**	1	ASSY, LH ARM
9	**103393**	1	ASSY, FRONT, HYDRAULIC HOSE HOLDER
10	**103394**	1	ASSY, REAR, HYDRAULIC HOSE HOLDER
11	**101662**	1	ASSY, TURNBUCKLE WITH HARDWARE, 3100 SERIES
12	**100551**	1	ASSY, TIRE/RIM, SINGLE, 540, LEFT
13	**100552**	1	ASSY, TIRE/RIM, SINGLE, 540, RIGHT
14	**104799**	1	ASSY., PROX. BRACKETS, 3100
15	**4046GY1**	1	PLATE, CART JACK MOUNT
16	**100449YL1**	1	LADDER, 3100 SERIES, DRY TANK
17	**3620**	1	BUSHING, LIFT ARM PIVOT
18	**100371GY1**	2	CHANNEL, AXLE
19	**9241**	1	HITCH PIN, 0.750 X 4.750, 31-13
20	**1390RD2**	2	SPINDLE KEEPER ASSEMBLY
21	**7812**	1	CYLINDER, HYD., 4.00 X 12.00, 1.75 DIA. ROD (22.25 RETRACT)
22	**100659**	2	CYLINDER, HYD., 5.00 X 14.00, 2.00 DIA. ROD (26.25 RETRACT)
23	**100395RD2**	2	SAFETY STOP, HYD. CYLINDER, 2.00 IN. ROD DIA. X 14.00 IN. STROKE
24	**1447**	1	ASSY, JACK AND MOUNT
25	**103689BK1**	1	ASSY., BULL PULL HITCH, CAT. 3/4
26	**7744**	4	BOLT, 0.500-13 UNC-2A X 1.250 HHCS, GR. 8
27	**9899**	2	BOLT, 1.250-7 UNC-2A X 5.000 HHCS, GR. 8
28	**8385**	1	BOLT, 1.500-6 UNC-2A X 8.000 HHCS, GR. 8
29	**7091**	2	NUT, 1.250-7 UNC-2B FINISHED HEX JAM, GR. 2
30	**7090**	2	NUT, 1.250-7 UNC-2B FINISHED HEX, GR. 8, ZINC
31	**100039**	1	NUT, 1.500-6 UNC CLASS C, TOP LOCK
32	**7664**	2	WASHER 0.500 FLAT USS HARD
33	**7593**	2	WASHER, 1.500 FLAT SAE NARROW HARD



ITEM	PART NO.	QTY.	DESCRIPTION
1	**1225GY1**	1	CART FRAME, HD, STEERABLE
2	**100343YL1**	1	ASSEMBLY, LIFT ARM, SHORT
3	**3811GY1**	2	PLATE, AXLE KEEPER

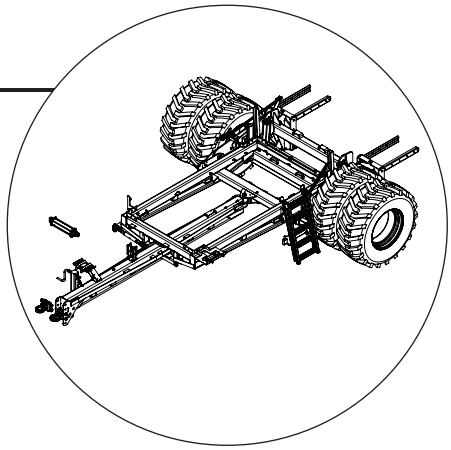
ITEM	PART NO.	QTY.	DESCRIPTION
4	**1329RD2**	1	ARM, LIFT LOCK
5	**1537GY1**	1	HITCH, HD CART, STEERABLE, LONG
6	**1531GY1**	1	WELD, HITCH KEEPER, HD CART
7	**1405GY1**	1	WELD, AXLE, HD CART WITH DUALS, 30 IN. HITCH MOUNTS
8	**2244BK1**	2	ASSEMBLY, HUB AND SPINDLE, HD AXLE
9	**102133**	1	ASSEMBLY, TIRE/RIM, DUALS, 30 IN., 540, LEFT
10	**102134**	1	ASSEMBLY, TIRE/RIM, DUALS, 30 IN., 540, RIGHT
11	**101650**	3	CYLINDER, HYDRAULIC, 4.00 X 16.00, 1.75 DIAMETER ROD (26.25 RETRACT)
12	**106583**	2	CYLINDER, HYDRAULIC, 5.00 X 16.00, 2.50 DIAMETER ROD (26.25 RETRACT)
13	**104249**	1	CYLINDER, HYDRAULIC, LEFT, 5.00 X 18.00, 2.00 DIAMETER ROD (30.25 RETRACT)
14	**104250**	1	CYLINDER, HYDRAULIC, RIGHT, 5.00 X 18.00, 2.00 DIAMETER ROD (30.25 RETRACT)
15	**1202LYL1**	1	WELD, 4500 TILT PLATE, LEFT (540 TIRE)
16	**1202RYL1**	1	WELD, 4500 TILT PLATE, RIGHT (540 TIRE)
17	**1339**	1	ASSEMBLY, TILT STOP ADJUST
18	**103033**	1	ASSEMBLY, OVERALL, LADDER
19	**103393**	1	ASSEMBLY, FRONT, HYDRAULIC HOSE HOLDER
20	**103394**	1	ASSEMBLY, REAR, HYDRAULIC HOSE HOLDER
21	**103689**	1	ASSEMBLY, BULL PULL HITCH, CAT. 3/4
22	**103690**	1	ASSEMBLY, BULL PULL HITCH, CAT. 5
23	**1846RD2**	1	LINK, LIFT ARM LOCK
24	**3800RD2**	1	PLATE, SAFETY LOCK HANDLE
25	**104527RD2**	2	PLATE, LIFT LOCK HOOK
26	**1390RD2**	2	SPINDLE KEEPER ASSEMBLY
27	**1447BK1**	1	ASSEMBLY, JACK AND MOUNT
28	**5875GY1**	2	PLATE, BRACE, TB HINGE TO TILT PLATE
29	**104177GY1**	1	WELD, TOOLBOX MOUNT
30	**4046GY1**	1	PLATE, CART JACK MOUNT
31	**9241**	1	HITCH PIN, 0.750 X 4.750, 31-13
32	**102155RD2**	1	PLATE, PROXIMITY SWITCH MOUNT
33	**102156RD2**	1	PLATE, PROXIMITY SENSOR TARGET
34	**102307RD2**	1	PLATE, TARGET, BOLT-ON, PROXIMITY SENSOR
35	**2622**	1	KIT, STEERABLE CART LOCKING TURNBUCKLE
36	**3620**	5	BUSHING, LIFT ARM PIVOT
37	**7750**	5	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
38	**7116**	4	BOLT, 0.250-20 UNC-2A X 1.000 HHCS, GR. 5
39	**8385**	5	BOLT, 1.500-6 UNC-2A X 8.000 HHCS, GR. 8
40	**7794**	4	NUT, 0.250-20 UNC TOP LOCK HEX
41	**7592**	4	NUT, 1.500-6 UNC-2B FINISHED HEX, GR. 8
42	**100039**	1	NUT, 1.500-6 UNC CLASS C, TOP LOCK
43	**9443**	4	WASHER, 0.250 FLAT SAE NARROW HARD
44	**7593**	10	WASHER, 1.500 FLAT SAE NARROW HARD
45	**9360**	4	WASHER, 1.500 SPLIT LOCK, ZINC

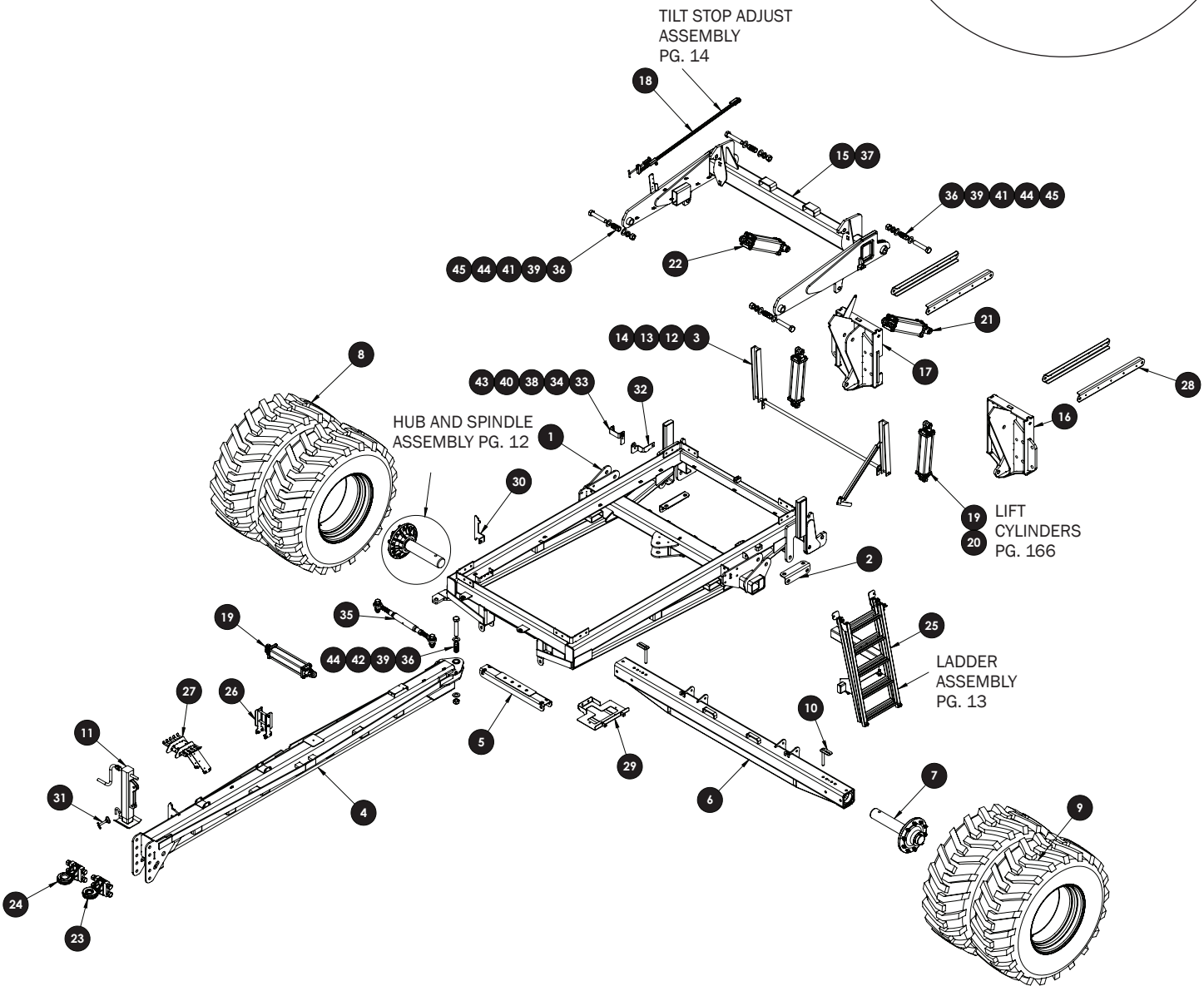




ITEM	PART NO.	QTY.	DESCRIPTION
1	**1930GY1**	1	CART FRAME, XL, STEERABLE
2	**3811GY1**	2	PLATE, AXLE KEEPER
3	**1329RD2**	1	ARM, LIFT LOCK

ITEM	PART NO.	QTY.	DESCRIPTION
4	**1933GY1**	1	HITCH, XL CART, STEERABLE
5	**1935GY1**	1	WELD, HITCH KEEPER, XL CART
6	**1407GY1**	1	WELD, AXLE, XL CART WITH DUALS, 30 IN. HITCH MOUNTS
7	**2244BK1**	2	ASSEMBLY, HUB AND SPINDLE, HD AXLE
8	**102138**	1	ASSEMBLY, TIRE/RIM, DUALS, 20/22/30 IN., 600, RIGHT
9	**102137**	1	ASSEMBLY, TIRE/RIM, DUALS, 20/22/30 IN., 600, LEFT
10	**1390RD2**	2	SPINDLE KEEPER ASSEMBLY
11	**1447BK1**	1	ASSEMBLY, JACK AND MOUNT
12	**3800RD2**	1	PLATE, SAFETY LOCK HANDLE
13	**1846RD2**	1	LINK, LIFT ARM LOCK
14	**104527RD2**	2	PLATE, LIFT LOCK HOOK
15	**100343YL1**	1	ASSEMBLY, LIFT ARM, SHORT
16	**1964LYL1**	1	WELD, TILT PLATE, LEFT (600 TIRE)
17	**1964RYL1**	1	WELD, TILT PLATE, RIGHT (600 TIRE)
18	**1339**	1	ASSEMBLY, TILT STOP ADJUST
19	**101650**	3	CYLINDER, HYDRAULIC, 4.00 X 16.00, 1.75 DIAMETER ROD (26.25 RETRACT)
20	**106583**	2	CYLINDER, HYDRAULIC, 5.00 X 16.00, 2.50 DIAMETER ROD (26.25 RETRACT)
21	**104249**	1	CYLINDER, HYDRAULIC, LEFT, 5.00 X 18.00, 2.00 DIAMETER ROD (30.25 RETRACT)
22	**104250**	1	CYLINDER, HYDRAULIC, RIGHT, 5.00 X 18.00, 2.00 DIAMETER ROD (30.25 RETRACT)
23	**103689**	1	ASSEMBLY, BULL PULL HITCH, CAT. 3/4
24	**103690**	1	ASSEMBLY, BULL PULL HITCH, CAT. 5
25	**103033**	1	ASSEMBLY, OVERALL, LADDER
26	**103394**	1	ASSEMBLY, REAR, HYDRAULIC HOSE HOLDER
27	**103393**	1	ASSEMBLY, FRONT, HYDRAULIC HOSE HOLDER
28	**5477GY1**	2	PLATE, BRACE, TB HINGE TO TILT PLATE (4500 SERIES, 600 TIRES)
29	**104177GY1**	1	WELD, TOOLBOX MOUNT
30	**4046GY1**	1	PLATE, CART JACK MOUNT
31	**9241**	1	HITCH PIN, 0.750 X 4.750, 31-13
32	**102155RD2**	1	PLATE, PROXIMITY SWITCH MOUNT
33	**102156RD2**	1	PLATE, PROXIMITY SENSOR TARGET
34	**102307RD2**	1	PLATE, TARGET, BOLT-ON, PROXIMITY SENSOR
35	**2622**	1	KIT, STEERABLE CART LOCKING TURNBUCKLE
36	**3620**	5	BUSHING, LIFT ARM PIVOT
37	**7750**	5	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
38	**7116**	4	BOLT, 0.250-20 UNC-2A X 1.000 HHCS, GR. 5
39	**8385**	5	BOLT, 1.500-6 UNC-2A X 8.000 HHCS, GR. 8
40	**7794**	4	NUT, 0.250-20 UNC TOP LOCK HEX
41	**7592**	4	NUT, 1.500-6 UNC-2B FINISHED HEX, GR. 8
42	**100039**	1	NUT, 1.500-6 UNC CLASS C, TOP LOCK
43	**9443**	4	WASHER, 0.250 FLAT SAE NARROW HARD
44	**7593**	10	WASHER, 1.500 FLAT SAE NARROW HARD
45	**9360**	4	WASHER, 1.500 SPLIT LOCK, ZINC



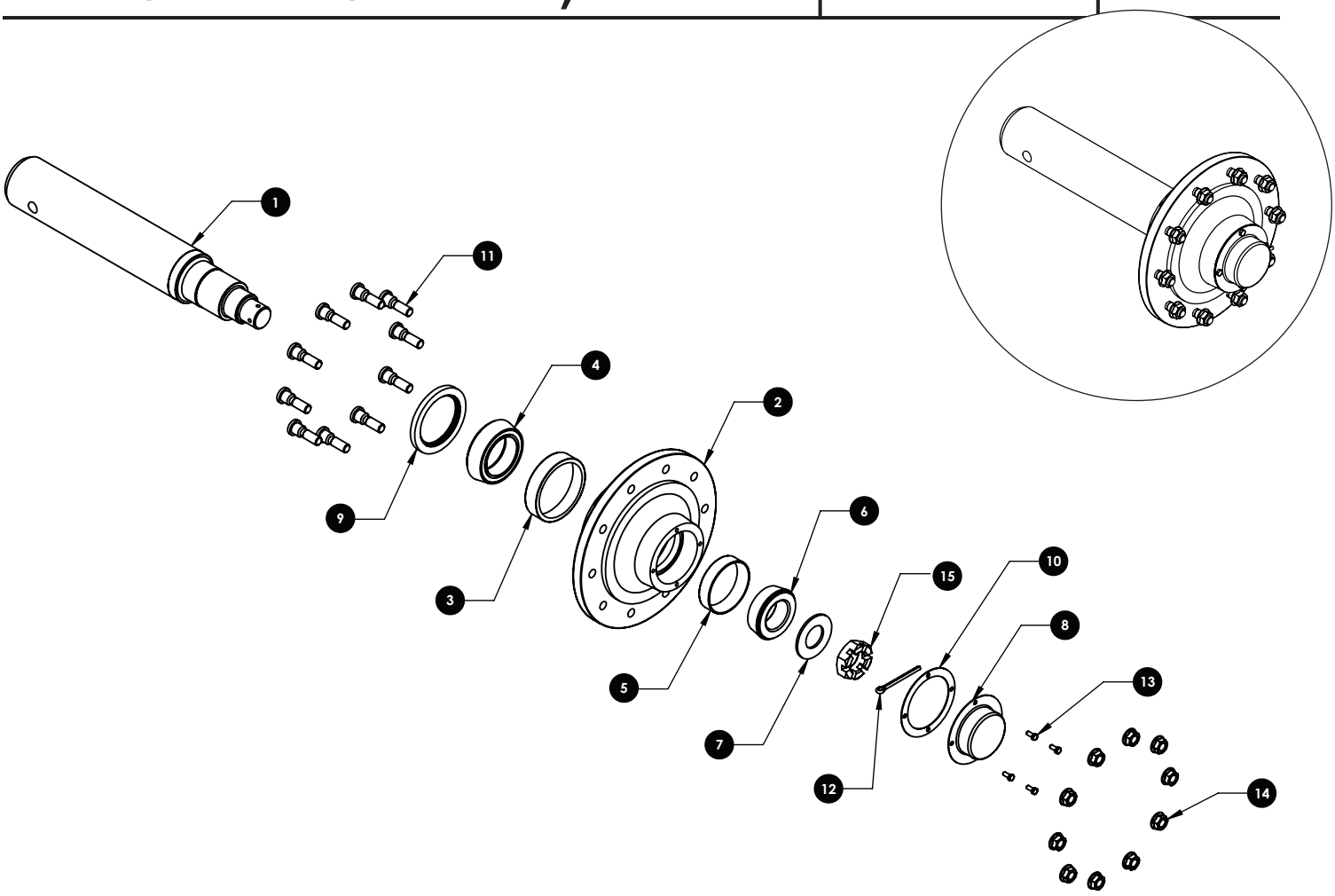


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1930GY1**	1	CART FRAME, XL, STEERABLE
2	**3811GY1**	2	PLATE, AXLE KEEPER
3	**1329RD2**	1	ARM, LIFT LOCK

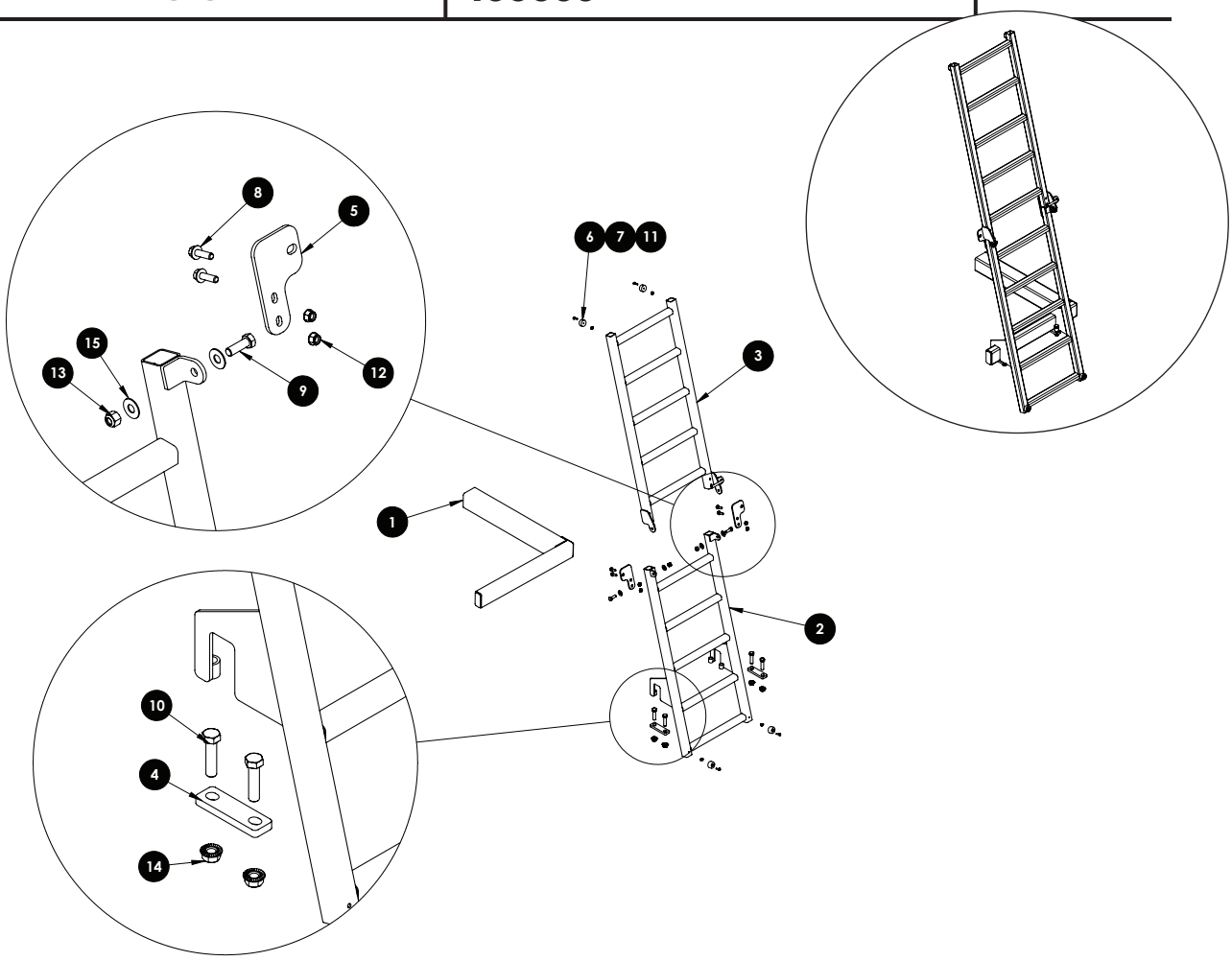
ITEM	PART NO.	QTY.	DESCRIPTION
4	**1933GY1**	1	HITCH, XL CART, STEERABLE
5	**1935GY1**	1	WELD, HITCH KEEPER, XL CART
6	**1407GY1**	1	WELD, AXLE, XL CART WITH DUALS, 30 IN. HITCH MOUNTS
7	**2244BK1**	2	ASSEMBLY, HUB AND SPINDLE, HD AXLE
8	**102138**	1	ASSEMBLY, TIRE/RIM, DUALS, 20/22/30 IN., 600, RIGHT
9	**102137**	1	ASSEMBLY, TIRE/RIM, DUALS, 20/22/30 IN., 600, LEFT
10	**1390RD2**	2	SPINDLE KEEPER ASSEMBLY
11	**1447BK1**	1	ASSEMBLY, JACK AND MOUNT
12	**3800RD2**	1	PLATE, SAFETY LOCK HANDLE
13	**1846RD2**	1	LINK, LIFT ARM LOCK
14	**104527RD2**	2	PLATE, LIFT LOCK HOOK
15	**100343YL1**	1	ASSEMBLY, LIFT ARM, SHORT
16	**1677LYL1**	1	WELD, 5060 TILT PLATE, LEFT
17	**1677RYL1**	1	WELD, 5060 TILT PLATE, RIGHT
18	**1339**	1	ASSEMBLY, TILT STOP ADJUST
19	**101650**	3	CYLINDER, HYDRAULIC, 4.00 X 16.00, 1.75 DIAMETER ROD (26.25 RETRACT)
20	**106583**	2	CYLINDER, HYDRAULIC, 5.00 X 16.00, 2.50 DIAMETER ROD (26.25 RETRACT)
21	**104249**	1	CYLINDER, HYDRAULIC, LEFT, 5.00 X 18.00, 2.00 DIAMETER ROD (30.25 RETRACT)
22	**104250**	1	CYLINDER, HYDRAULIC, RIGHT, 5.00 X 18.00, 2.00 DIAMETER ROD (30.25 RETRACT)
23	**103689**	1	ASSEMBLY, BULL PULL HITCH, CAT. 3/4
24	**103690**	1	ASSEMBLY, BULL PULL HITCH, CAT. 5
25	**103033**	1	ASSEMBLY, OVERALL, LADDER
26	**103394**	1	ASSEMBLY, REAR, HYDRAULIC HOSE HOLDER
27	**103393**	1	ASSEMBLY, FRONT, HYDRAULIC HOSE HOLDER
28	**6889GY1**	4	PLATE, BRACE, TB HINGE TO TILT PLATE (5000 SERIES)
29	**104177GY1**	1	WELD, TOOLBOX MOUNT
30	**4046GY1**	1	PLATE, CART JACK MOUNT
31	**9241**	1	HITCH PIN, 0.750 X 4.750, 31-13
32	**102155RD2**	1	PLATE, PROXIMITY SWITCH MOUNT
33	**102156RD2**	1	PLATE, PROXIMITY SENSOR TARGET
34	**102307RD2**	1	PLATE, TARGET, BOLT-ON, PROXIMITY SENSOR
35	**2622**	1	KIT, STEERABLE CART LOCKING TURNBUCKLE
36	**3620**	5	BUSHING, LIFT ARM PIVOT
37	**7750**	5	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
38	**7116**	4	BOLT, 0.250-20 UNC-2A X 1.000 HHCS, GR. 5
39	**8385**	5	BOLT, 1.500-6 UNC-2A X 8.000 HHCS, GR. 8
40	**7794**	4	NUT, 0.250-20 UNC TOP LOCK HEX
41	**7592**	4	NUT, 1.500-6 UNC-2B FINISHED HEX, GR. 8
42	**100039**	1	NUT, 1.500-6 UNC CLASS C, TOP LOCK
43	**9443**	4	WASHER, 0.250 FLAT SAE NARROW HARD
44	**7593**	10	WASHER, 1.500 FLAT SAE NARROW HARD
45	**9360**	4	WASHER, 1.500 SPLIT LOCK, ZINC

HUB AND SPINDLE, HD AXLE

ITEM NO. 2244BK1

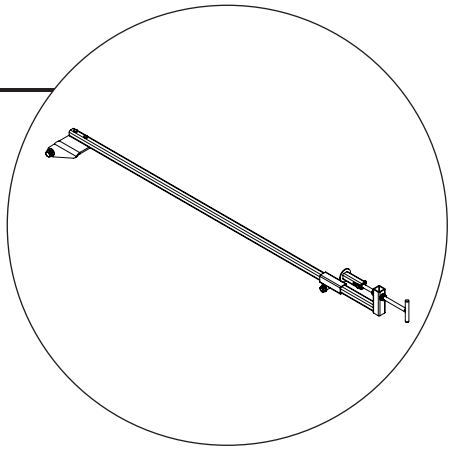


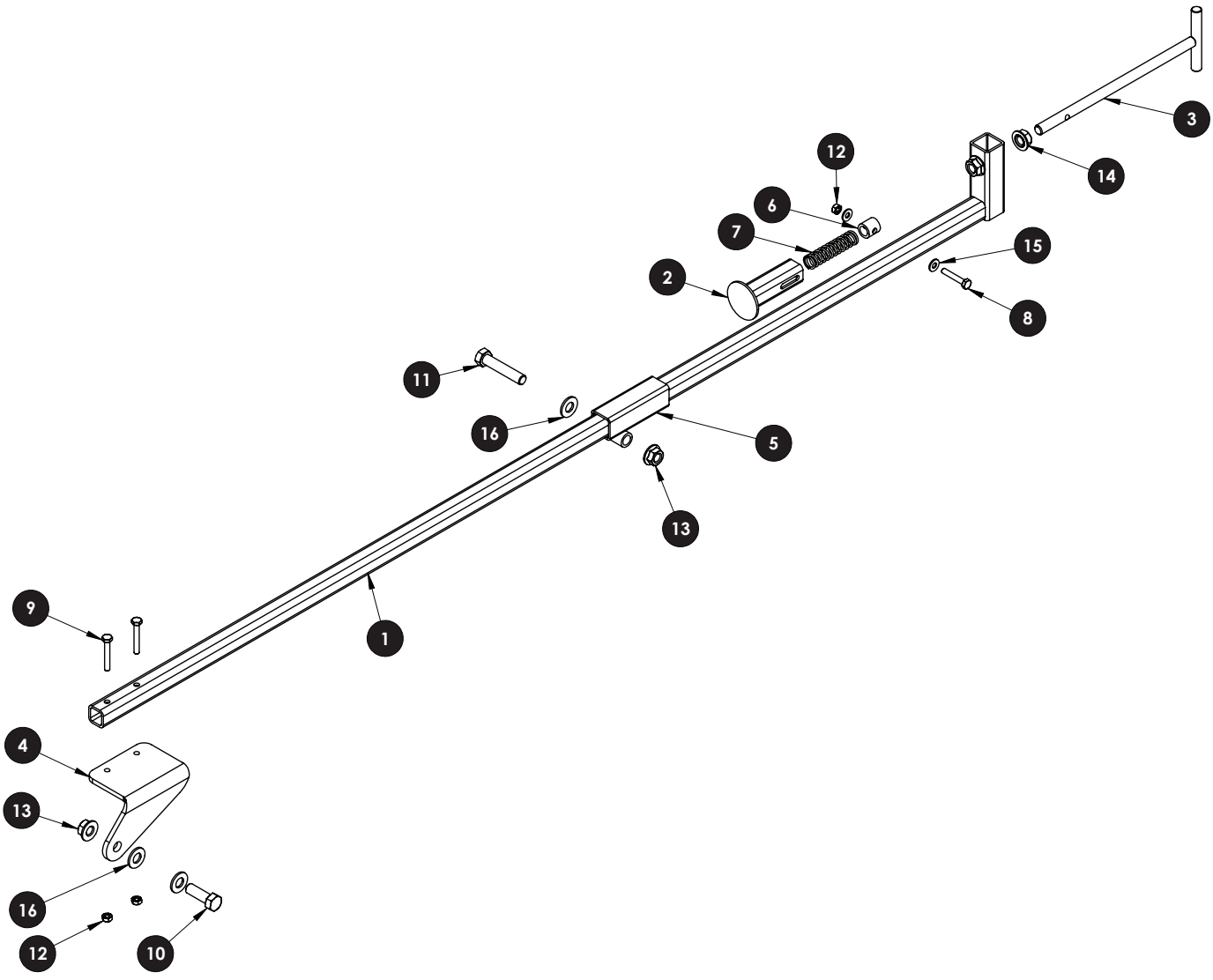
ITEM	PART NO.	QTY.	DESCRIPTION
1	**7207**	1	SPINDLE, 7802 HUB
2	**7920**	1	HUB, CASTING, 981
3	**7921**	1	CUP, BEARING, INNER
4	**7922**	1	BEARING, INNER CONE
5	**7923**	1	CUP, BEARING, OUTER
6	**7924**	1	BEARING, OUTER CONE
7	**7926**	1	SPINDLE WASHER, 981 HUB
8	**7930**	1	CAP, HUB, 981
9	**7925**	1	SEAL, 981 HUB
10	**104284**	1	GASKET, LARGE HUB
11	**7927**	10	STUD, WHEEL, 0.750-16X2.810 IN.
12	**7931**	1	COTTER PIN, 4.00 X 0.313
13	**7635**	4	BOLT, 0.313-18 UNC-2A X 0.750 HHCS, GR. 5
14	**7533**	10	NUT, 0.750-16 UNC-2B FLANGE HEX, GR. G
15	**8115**	1	NUT 2.000-12UNF SLOTTED HEX - LOW PROFILE - GR 5



ITEM	PART NO.	QTY.	DESCRIPTION
1	**103032YL1**	1	WELD, MARKER TUBE INSERT, LADDER
2	**103031YL1**	1	WELD, LOWER, LADDER
3	**103030YL1**	1	WELD, UPPER, LADDER
4	**103025YL1**	2	PLATE, LADDER, CLAMP
5	**103028YL1**	2	PLATE, LATCH, LADDER
6	**8339**	4	BUMPER, RUBBER, 1.50 DIAMETER. X 0.750 X 0.25 THRU HOLE
7	**7116**	4	BOLT, 0.250-20 UNC-2A X 1.000 HHCS, GR. 5
8	**6967**	4	BOLT, 0.375-16 UNC-2A X 1.250 FLANGE, GR. 8
9	**6959**	2	BOLT, 0.500-13UNC-2A X 1.500 HHCS, SS
10	**6930**	4	BOLT, 0.625-11 UNC-2A X 2.500 HHCS, GR. 8
11	**9441**	4	NUT, 0.250-20 UNC-2B SERRATED FLANGE HEX LOCK
12	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
13	**103427**	2	NUT, 0.500-13 UNC-2B NYLON INSERT LOCK, SS
14	**9181**	4	NUT, 0.625-11 UNC-2B SERRATED FLANGE HEX LOCK
15	**100311**	4	WASHER, 0.500 FLAT, SS

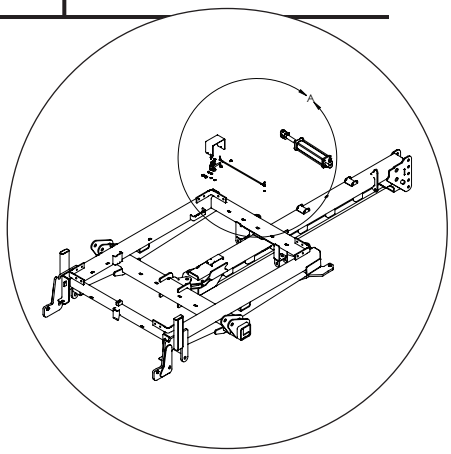
TILT STOP ADJUSTMENT | ITEM NO. 1339

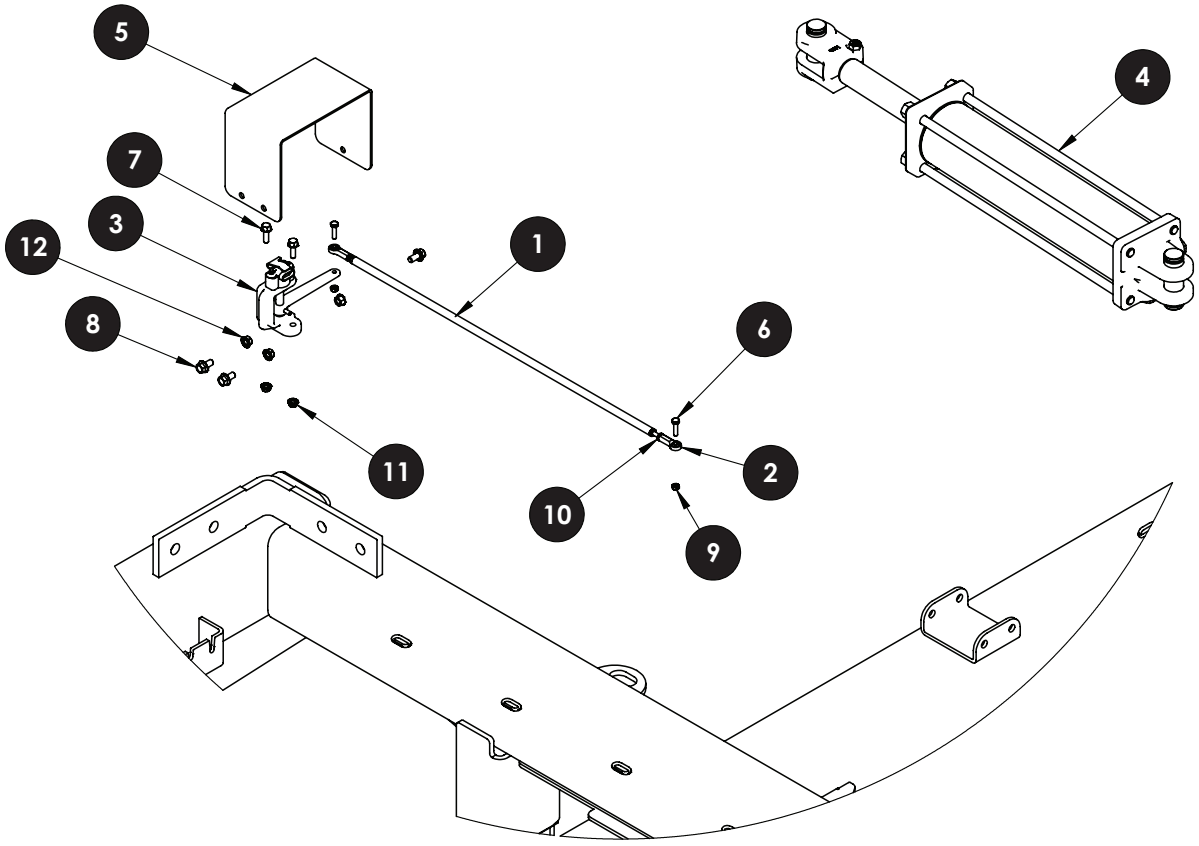




ITEM	PART NO.	QTY.	DESCRIPTION
1	**1340**	1	WELD, TILT STOP SLIDE ARM
2	**1341RD2**	1	TILT STOP BUMP STOP
3	**1343**	1	HANDLE, TILT STOP
4	**3846RD2**	1	PLATE, MOUNT, TILT STOP SLIDE ARM
5	**1344RD2**	1	SLIDE, TILT BUMP STOP
6	**3850RD2**	1	BUSHING TILT BUMP STOP SPRING PUSH, 0.750 X 0.120 IN, 0.750 IN. LONG
7	**104169**	1	SPRING, COMPRESSION, 3.00 X 0.72 X 0.55
8	**8106**	1	BOLT, 0.250-20 UNC-2A X 1.500 HHCS, GR. 8
9	**103574**	2	BOLT, 0.250-20 UNC-2A X 1.750 HHCS, GR. 5
10	**9366**	1	BOLT, 0.500-13 UNC-2A X 1.500 HHCS, GR. 8
11	**9375**	1	BOLT, 0.500-13 UNC-2A X 2.500 HHCS, GR. 8
12	**7794**	3	NUT, 0.250-20 UNC TOP LOCK HEX
13	**7666**	2	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
14	**101894**	1	NUT, 0.500-13 UNC-2B SERRATED FLANGE HEX LOCK SS
15	**7111**	2	WASHER, 0.250 FLAT SAE NARROW SOFT
16	**7788**	3	WASHER, 0.500 FLAT SAE NARROW HARD

HYDRAULIC STEERING ASSEMBLY | ITEM NO. 2632

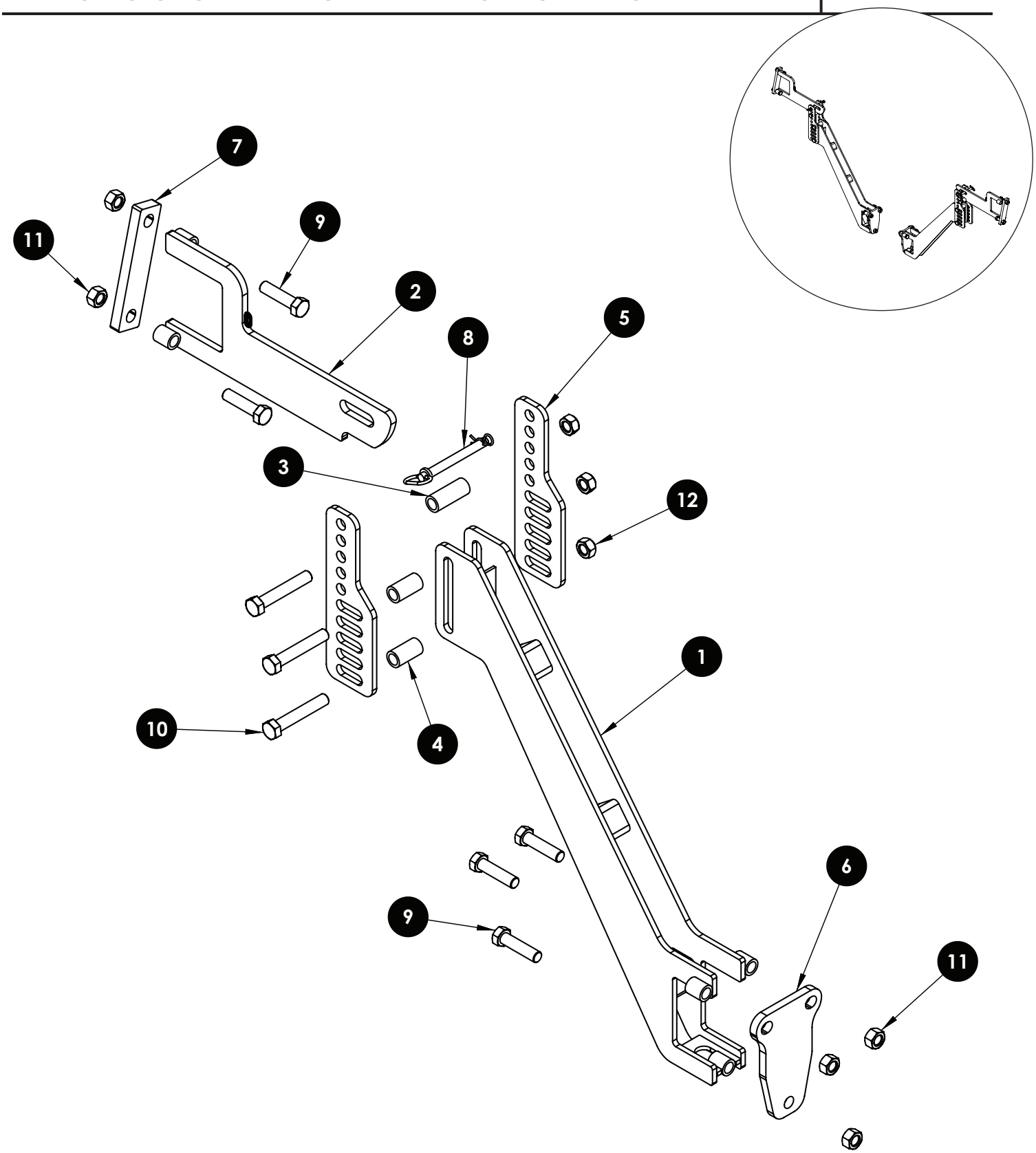




ITEM	PART NO.	QTY.	DESCRIPTION
1	**102985**	1	WELD, STEERING SENSOR ROD, SS
2	**6032**	2	JOINT, BALL TIE ROD, STAINLESS STEEL
3	**2760**	1	SENSOR, JD STEERING
4	**101650**	1	CYLINDER, HYDRAULIC, 4.00 X 16.00, 1.75 DIAMETER ROD (26.25 RETRACT)
5	**102378GY1**	1	COVER, STEERING SENSOR
6	**7116**	2	BOLT, 0.250-20 UNC-2A X 1.000 HHCS, GR. 5
7	**6963**	2	BOLT, 0.313-18 UNC-2A X 1.000 SERRATED FLANGE, SS
8	**9878**	3	BOLT, 0.375-16 UNC-2A X 0.750 SERRATED FLANGE, SS
9	**7794**	2	NUT, 0.250-20 UNC TOP LOCK HEX
10	**102988**	2	NUT, 0.250-28 UNF-2B FINISHED HEX JAM, SS
11	**9876**	2	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK, SS
12	**9877**	3	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK, SS

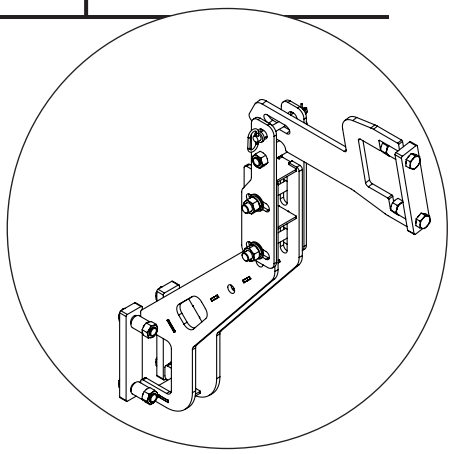
3100 SERIES TRANSPORT STAND

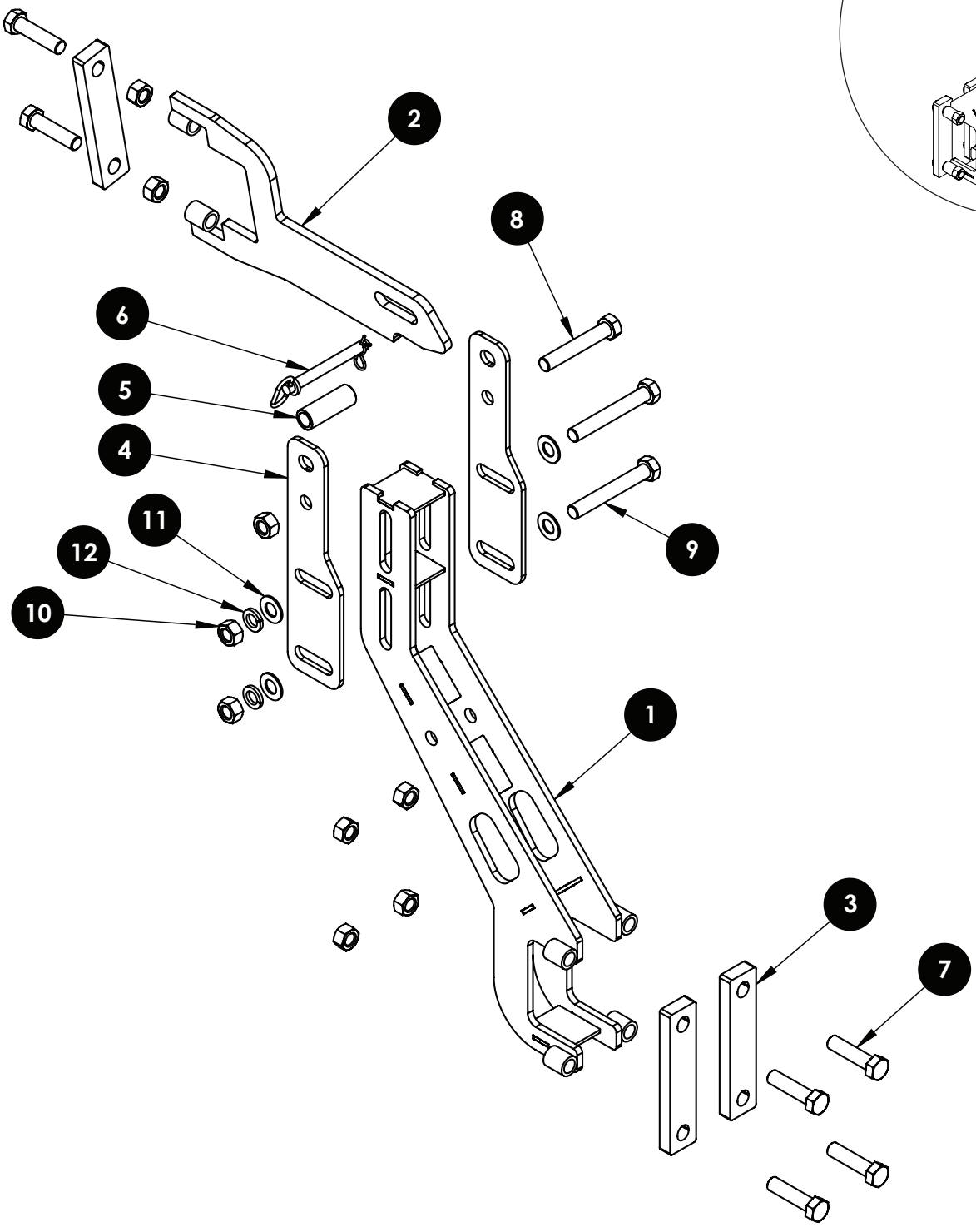
ITEM NO.
104590



ITEM	PART NO.	QTY.	DESCRIPTION
1	**100486GY1**	2	WELD, TOOLBAR TRANSPORT STAND
2	**100489GY1**	2	WELD, FOLD LOCK, TOOLBAR
3	**100655RD2**	2	TUBE, RND, 1.500 X 0.234, 3.750 IN. LONG
4	**100487GY1**	4	TUBE, RND, 1.500 X 0.234, 2.800 IN. LONG
5	**100654RD2**	4	PLATE, PARK LOCK EXTENSION
6	**6739GY1**	2	PLATE, CART TRANSPORT STAND MOUNT
7	**4063GY1**	2	FLAT, C-CLAMP STRAP
8	**7764**	2	HITCH PIN, 0.750 X 7.00, 31-17
9	**7127**	10	BOLT, 1.000-8 UNC-2A X 4.000 HHCS GR. 8
10	**8366**	6	BOLT, 1.000-8 UNC-2A X 6.000 HHCS, GR. 8
11	**7126**	10	NUT, 1.000-8 UNC-2B FINISH, GR. 8
12	**8367**	6	NUT, 1.000-8 UNC TOP LOCK, HEX GR. C, ZINC

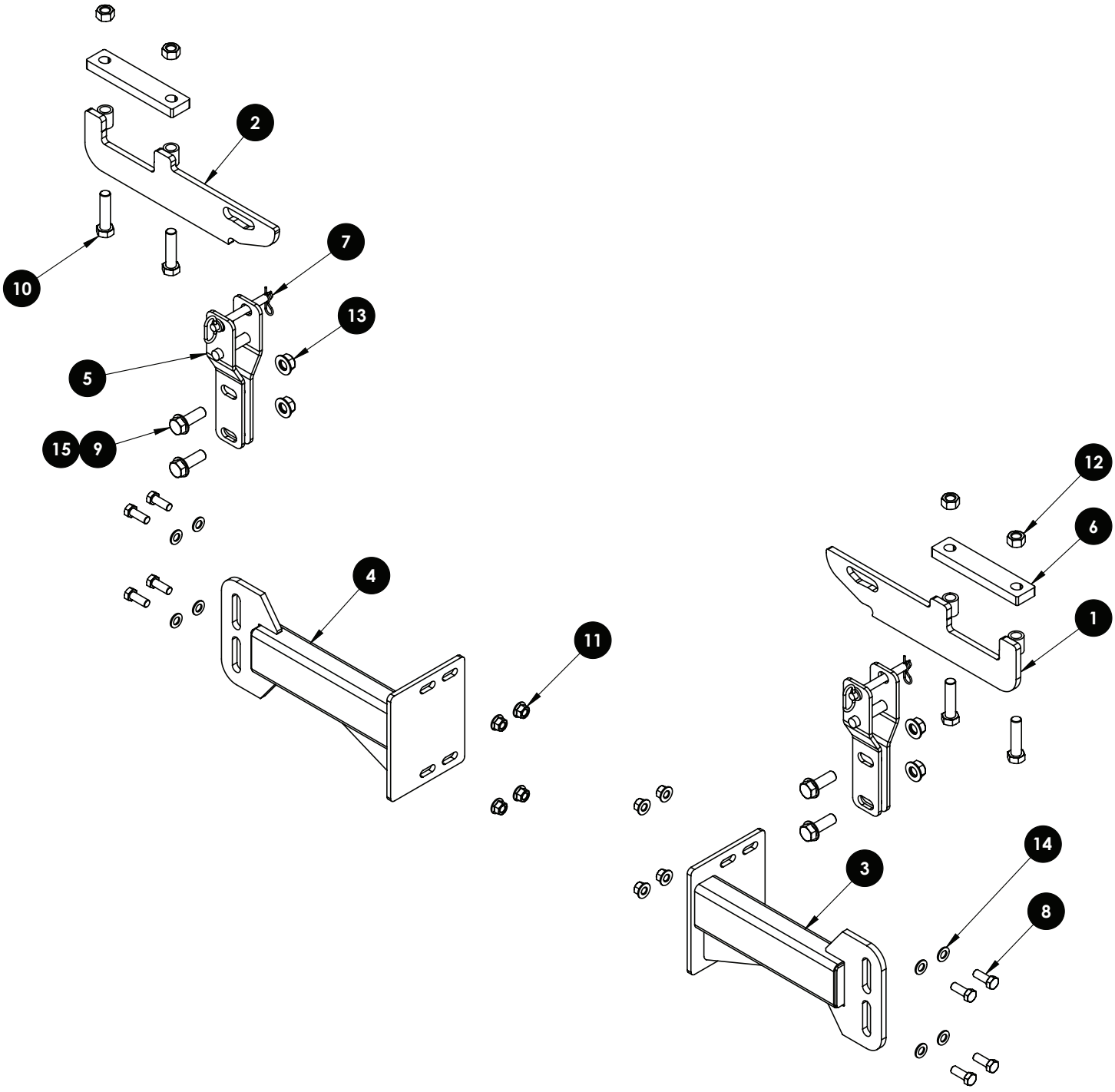
TRANSPORT STAND, 4500 SERIES | ITEM NO. 102487





ITEM	PART NO.	QTY.	DESCRIPTION
1	**102491GY1**	2	WELD, TRANSPORT STAND, 4500 SERIES
2	**102721GY1**	2	WELD, TRANSPORT LOCK, TOOLBAR, 7X7
3	**4063GY1**	6	FLAT, C-CLAMP STRAP
4	**102606RD2**	4	PLATE, TRANSPORT LOCK SIDE
5	**102554RD2**	2	TUBE, RND, 1.500 X 0.234, 4.250 IN. LONG
6	**7764**	2	HITCH PIN, 0.750 X 7.00, 31-17
7	**7127**	12	BOLT, 1.000-8 UNC-2A X 4.000 HHCS GR. 8 B
8	**8366**	2	BOLT, 1.000-8 UNC-2A X 6.000 HHCS, GR. 8
9	**100510**	4	BOLT, 1.000-8 UNC-2A X 7.000 HHCS, GR. 8
10	**7126**	18	NUT, 1.000-8 UNC-2B FINISH, GR. 8
11	**9381**	8	WASHER, 1.000 FLAT SAE NARROW HARD
12	**7093**	4	WASHER, 1.000 SPLIT LOCK, GR. 8

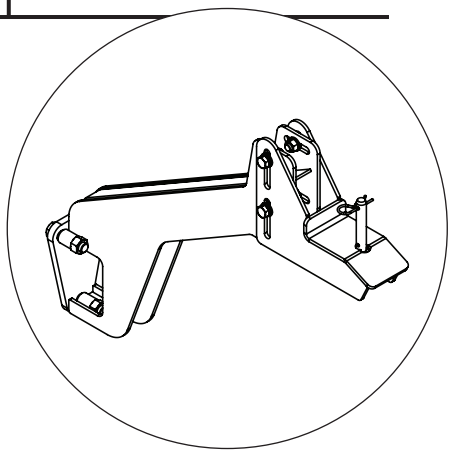
FOLD LOCK, DUAL 160 BU. TANK | ITEM NO. 100641

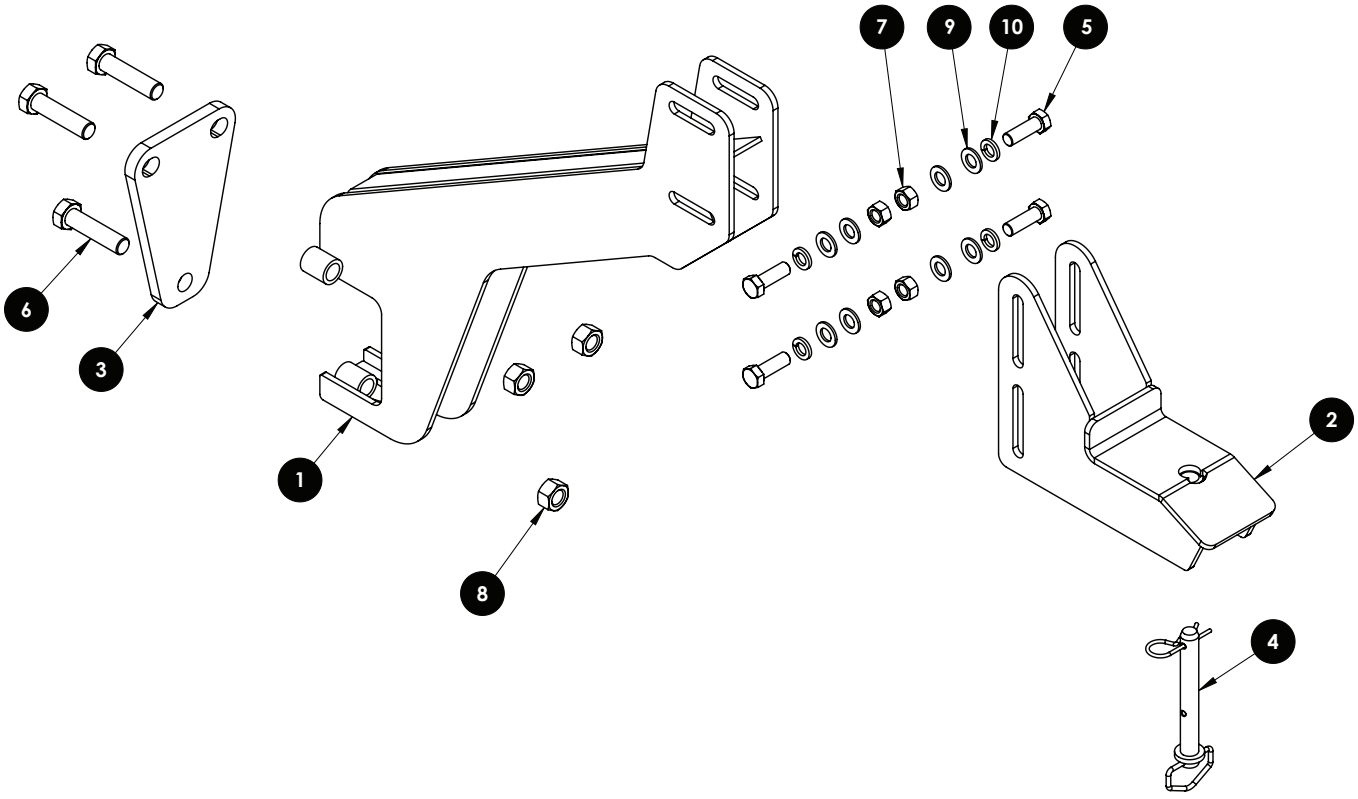


ITEM	PART NO.	QTY.	DESCRIPTION
1	**100236GY1**	1	FOLD LOCK, 7.00X3.00 TUBE, LEFT
2	**100237GY1**	1	FOLD LOCK, 7.00X3.00 TUBE, RIGHT
3	**100238GY1**	1	TRANSPORT LOCK BRACKET, OFFSET MOUNT, LEFT
4	**100239GY1**	1	TRANSPORT LOCK BRACKET, OFFSET MOUNT, RIGHT
5	**1454SRD2**	2	WELD FOLD LOCK HEAD SINGLE
6	**4063GY1**	2	FLAT, C-CLAMP STRAP
7	**7764**	2	HITCH PIN, 0.750 X 7.00, 31-17
8	**9235**	8	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
9	**9162**	4	BOLT, 1.000-8 UNC-2A X 3.000 HHCS, GR. 8
10	**7127**	4	BOLT, 1.000-8 UNC-2A X 4.000 HHCS GR. 8
11	**9364**	8	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
12	**7126**	4	NUT, 1.000-8 UNC-2A, FINISH, GR. 8
13	**8367**	4	NUT, 1.000-8 UNC TOP LOCK, HEX GR. C, ZINC
14	**9365**	8	WASHER 0.750 FLAT SAE NARROW HARD
15	**9381**	8	WASHER, 1.000 FLAT SAE NARROW HARD

FOLD LOCK, 5060 TOOLBAR

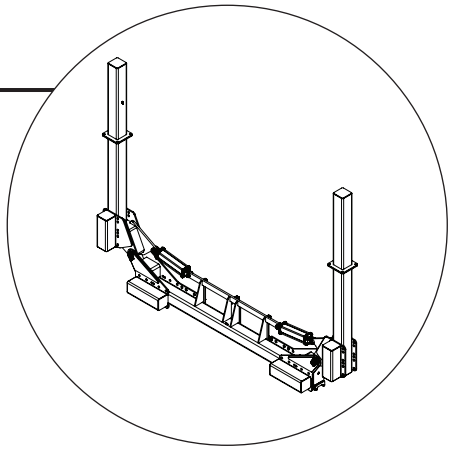
ITEM NO.
1953

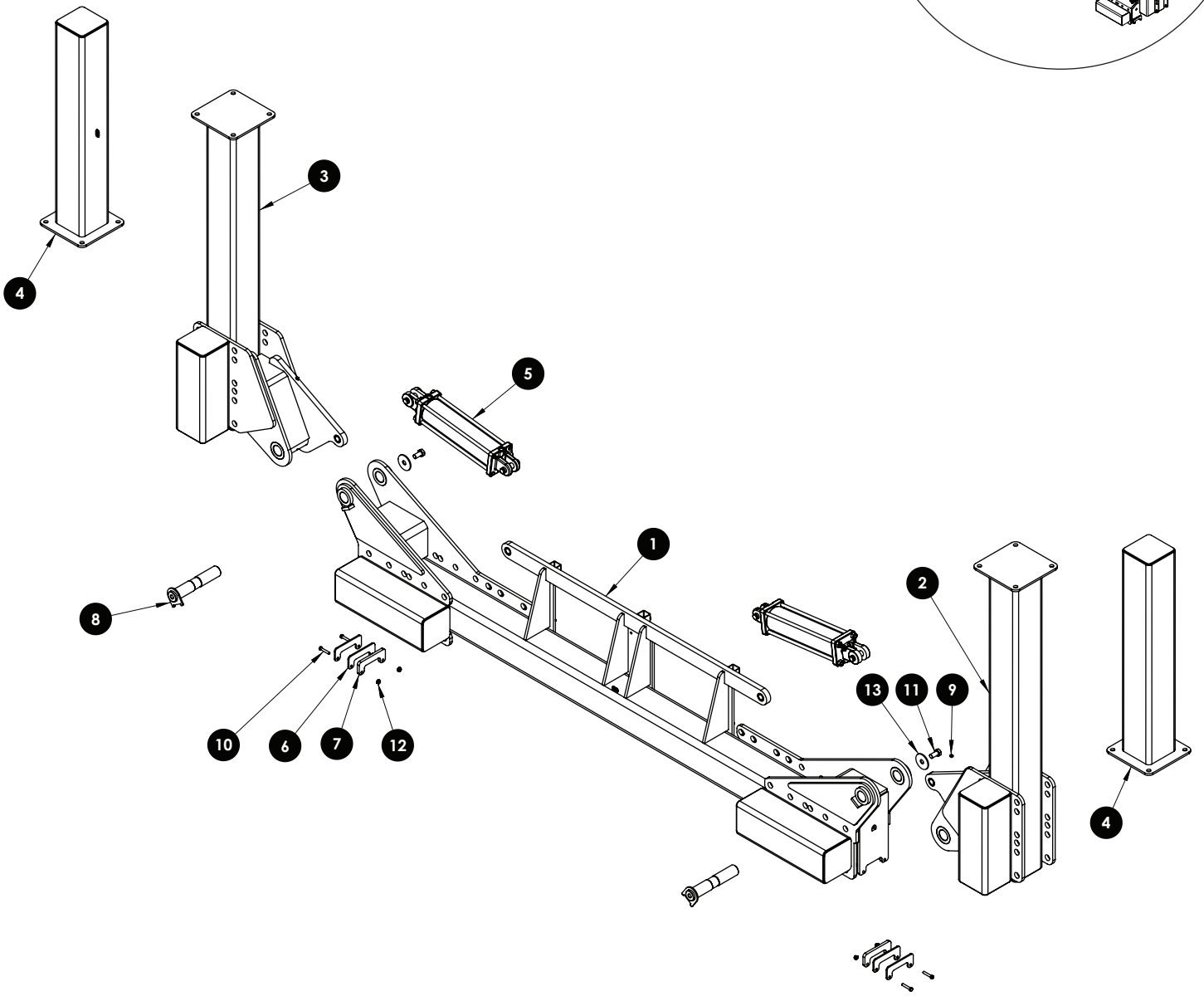




ITEM	PART NO.	QTY.	DESCRIPTION
1	**100883GY1**	1	WELD, TRANSPORT STAND, 5000 SERIES
2	**1929RD2**	1	WELD, TOOLBAR TRANSPORT HEAD, 5000 SERIES
3	**6739GY1**	1	PLATE, CART TRANSPORT STAND MOUNT
4	**101942**	1	PIN, WING WHEEL LOCK, 5000 SERIES TOOLBAR
5	**7747**	4	BOLT, 0.750-10 UNC-2A X 2.250 HHC,S GR. 8
6	**7127**	3	BOLT, 1.000-8 UNC-2A X 4.000 HHCS GR. 8
7	**9372**	4	NUT, 0.750-10 UNC-2B FINISH, GR. 8
8	**7126**	3	NUT, 1.000-8 UNC-2A, FINISH, GR. 8
9	**9365**	8	WASHER 0.750 FLAT SAE NARROW HARD
10	**8586**	4	WASHER, 0.750 LOCK, SPLIT, GR. 8

3100 TOOLBAR | ITEM NO. 100448

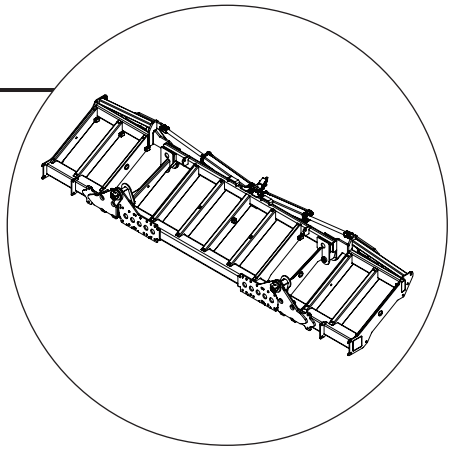


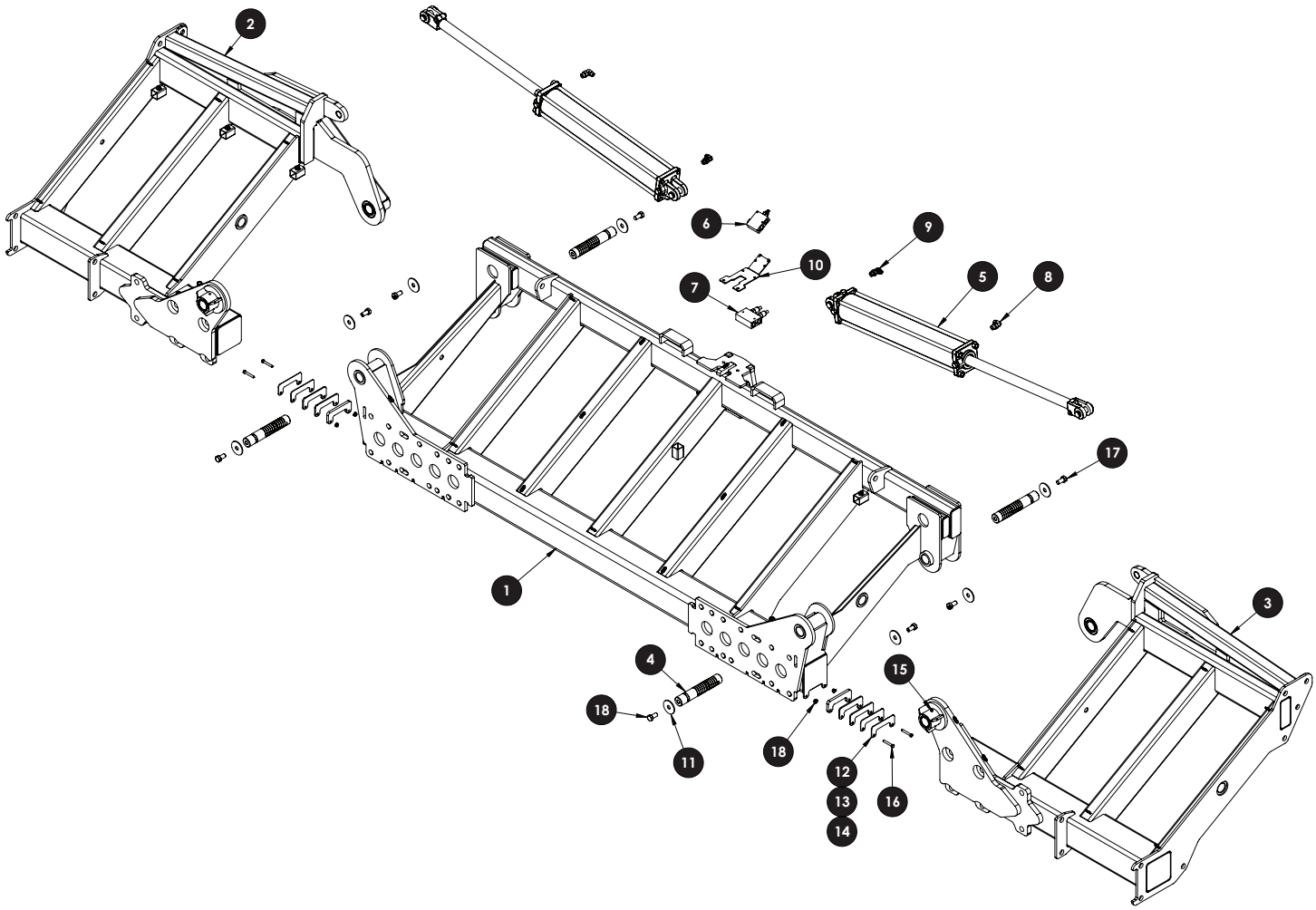


ITEM	PART NO.	QTY.	DESCRIPTION
1	**100351GY1**	1	WELD, TOOLBAR MID
2	**100352GY1**	1	WELD, CERES TOOLBAR, RH WING
3	**100353GY1**	1	WELD, CERES TOOLBAR, LH WING
4	**100436GY1**	2	WELD, WING EXTENSION
5	**100431**	2	CYLINDER, HYD., 4.00 X 14.00, 1.75 DIA. ROD (24.25 RETRACT)
6	**5877**	4	TOOLBAR SPACER, 0.250 IN.
7	**5888**	2	TOOLBAR SPACER, 0.500 IN.
8	**102100**	2	WELD, HINGE PIN
9	**7750**	2	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
10	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
11	**7130**	2	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 5
12	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
13	**9225YL1**	2	WASHER, TOOLBAR HINGE PIN

4500 SERIES TOOLBAR | ITEM NO. 2072

20 FT., 12 ROW, 20 IN. ROW SPACING

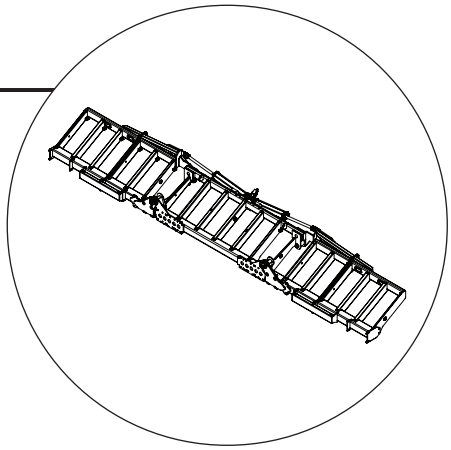


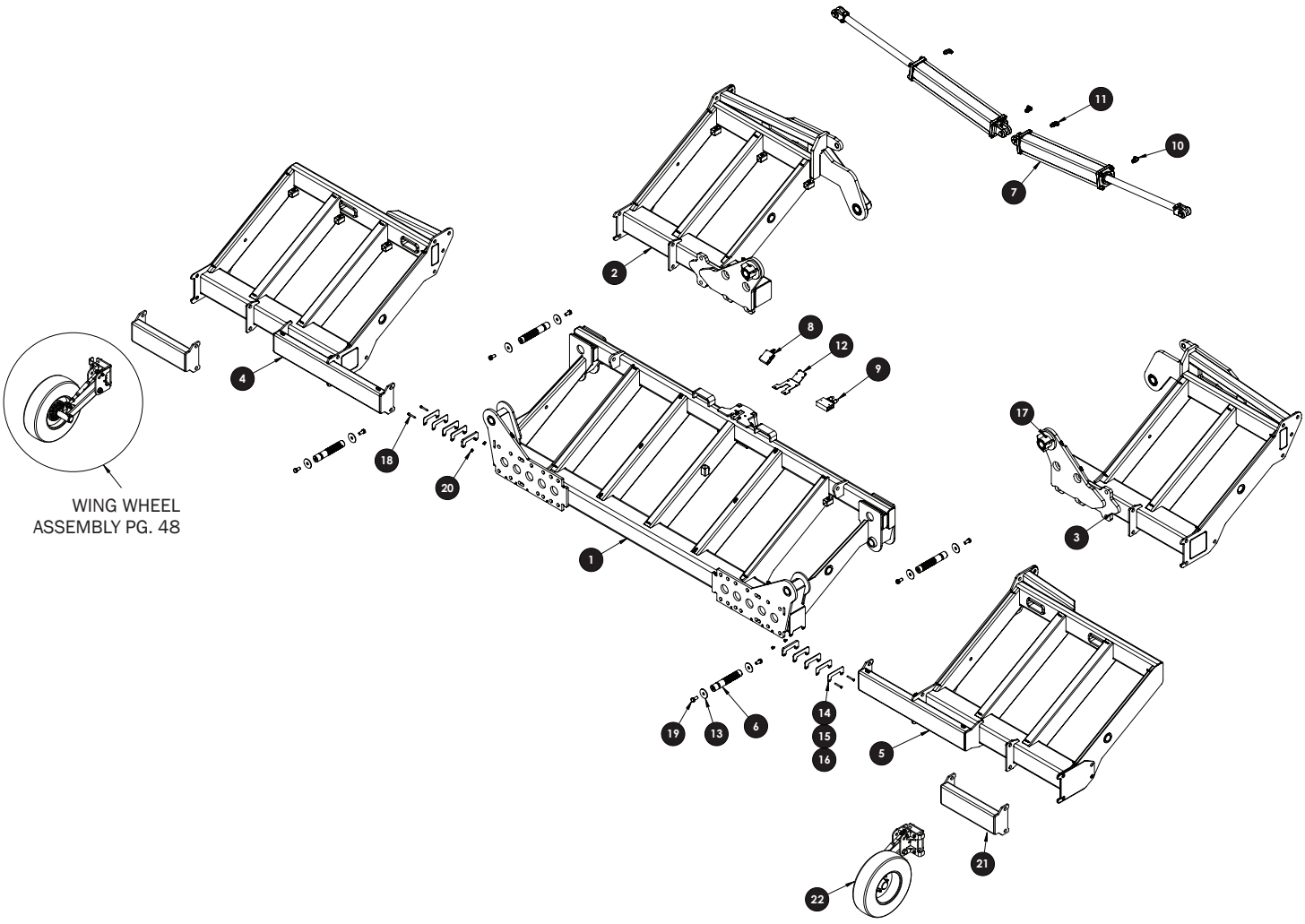


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1811GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 6R20
2	**1812RGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R20, RIGHT
3	**1812LGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R20, LEFT
4	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
5	**7740**	2	CYLINDER, HYDRAULIC, 5.00 X 30.00, 2.00 DIAMETER ROD (42.25 RETRACT)
6	**8479**	1	BLOCK, HYDRAULIC, PRESSURE REDUCING
7	**8713**	1	HYDRAULIC ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
8	**7340**	2	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
9	**2172**	2	FITTING, HYDRAULIC, 90 DEGREE ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
10	**3545GY1**	1	PLATE, MOUNT, HYDRAULIC BLOCK
11	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
12	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
13	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
14	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
15	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
16	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
17	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
18	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK

4500 SERIES TOOLBAR | ITEM NO. 2087

30 FT., 18 ROW, 20 IN. ROW SPACING

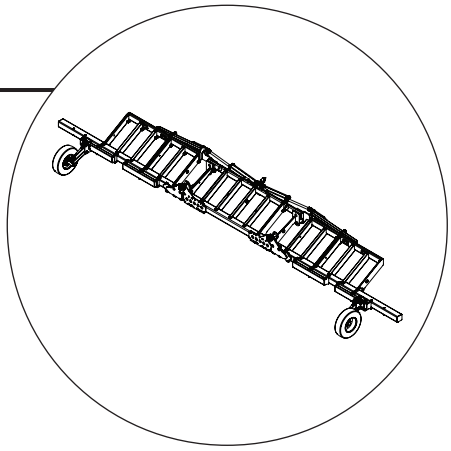


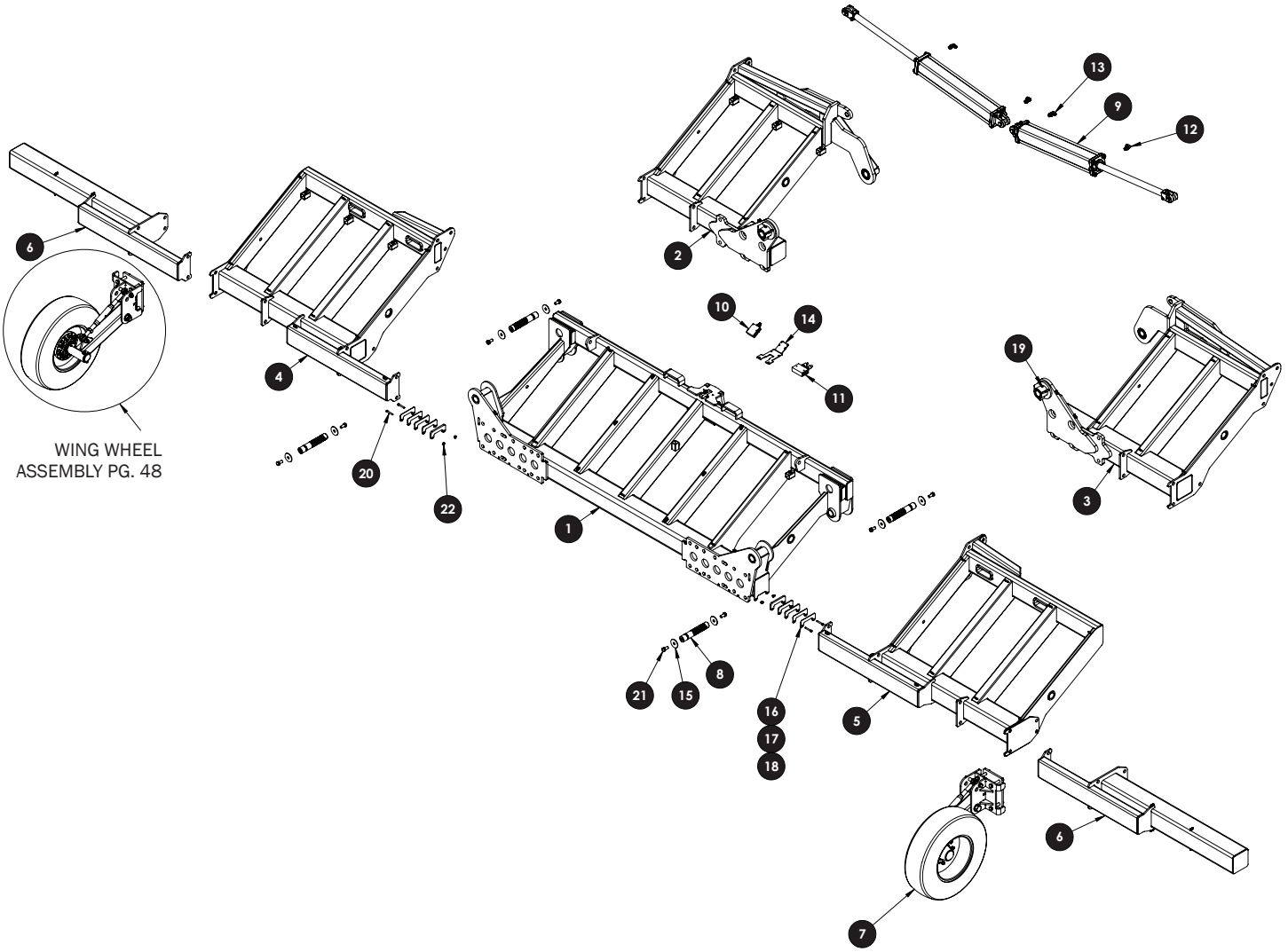


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1811GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 6R20
2	**1812RGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R20, RIGHT
3	**1812LGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R20, LEFT
4	**1813RGY1**	1	WELD, TOOLBAR OUTER WING, 3R20, RIGHT
5	**1813LGY1**	1	WELD, TOOLBAR OUTER WING, 3R20, LEFT
6	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
7	**7740**	2	CYLINDER, HYDRAULIC, 5.00 X 30.00, 2.00 DIAMETER ROD (42.25 RETRACT)
8	**8479**	1	BLOCK, HYDRAULIC, PRESSURE REDUCING
9	**8713**	1	HYDRAULIC ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
10	**7340**	2	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
11	**2172**	2	FITTING, HYDRAULIC, 90 DEGREE ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
12	**3545GY1**	1	PLATE, MOUNT, HYDRAULIC BLOCK
13	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
14	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
15	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
16	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
17	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
18	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
19	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
20	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
21	**102864GY1**	2	WELD, 7X3, TOOLBAR EXTENDER, 20/22 IN.
22	**101690**	2	ASSY., SINGLE ADJUSTABLE WING WHEEL PAIR, 7X3

4500 SERIES TOOLBAR | ITEM NO. 2078

40 FT., 24 ROW, 20 IN. ROW SPACING

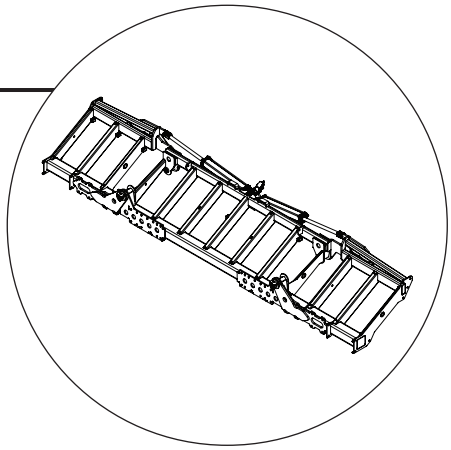


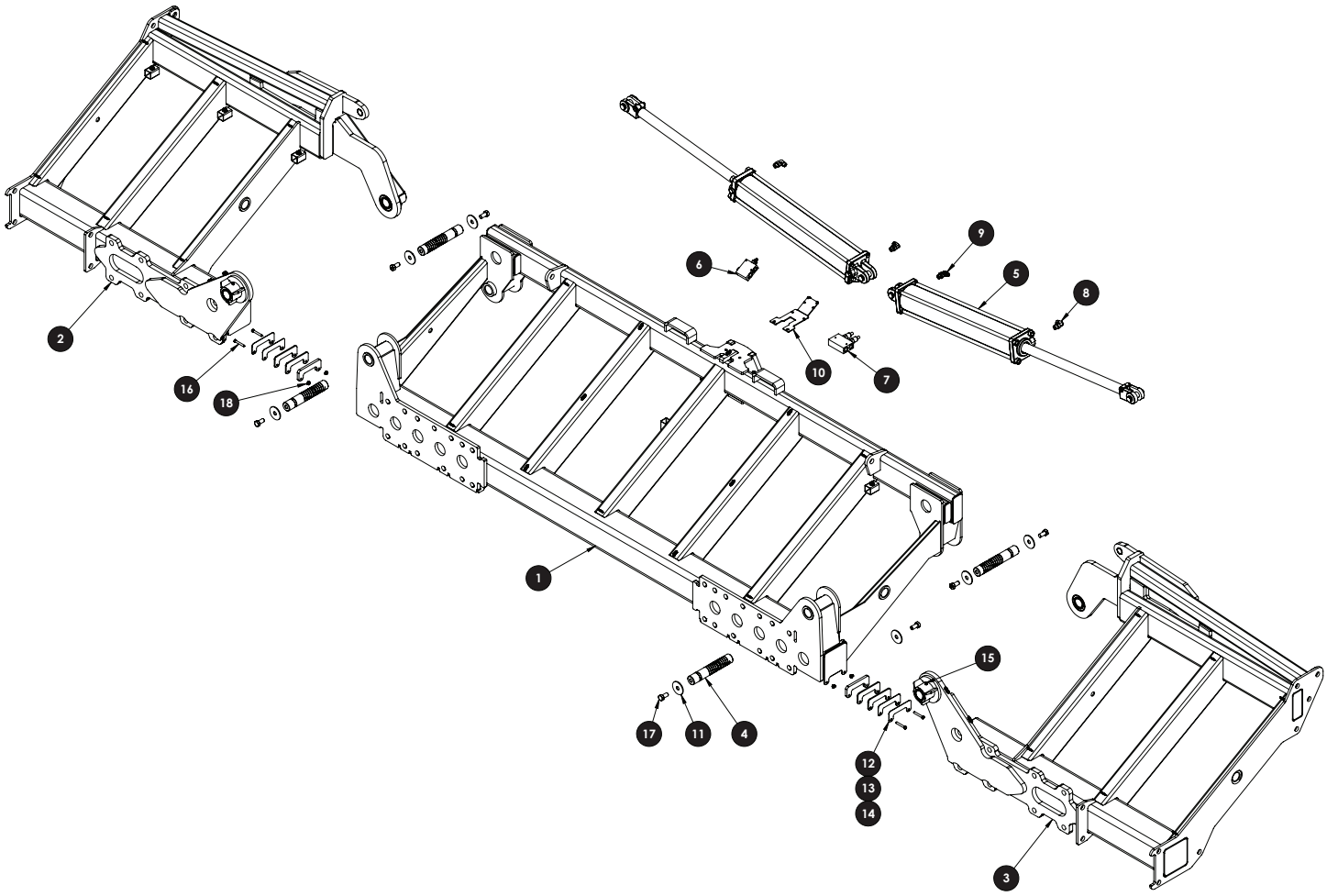


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1811GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 6R20
2	**1812RGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R20, RIGHT
3	**1812LGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R20, LEFT
4	**1813RGY1**	1	WELD, TOOLBAR OUTER WING, 3R20, RIGHT
5	**1813LGY1**	1	WELD, TOOLBAR OUTER WING, 3R20, LEFT
6	**105845GY1**	2	TOOLBAR, 4500 SERIES, WING EXTENSION 3R20/22
7	**101690**	1	ASSEMBLY, SINGLE ADJUSTABLE WING WHEEL PAIR, 7X3
8	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
9	**7740**	2	CYLINDER, HYDRAULIC, 5.00 X 30.00, 2.00 DIAMETER ROD (42.25 RETRACT)
10	**8479**	1	BLOCK, HYDRAULIC, PRESSURE REDUCING
11	**8713**	1	HYDRAULIC ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
12	**7340**	2	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
13	**2172**	2	FITTING, HYDRAULIC, 90 DEGREE ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
14	**3545GY1**	1	PLATE, MOUNT, HYDRAULIC BLOCK
15	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
16	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
17	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
18	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
19	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
20	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
21	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
22	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK

4500 SERIES TOOLBAR | ITEM NO. 2080

22 FT., 12 ROW, 22 IN. ROW SPACING

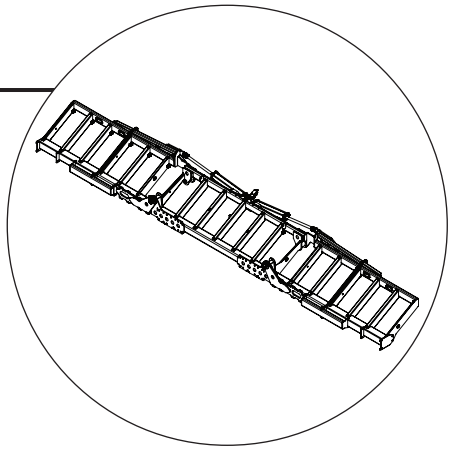


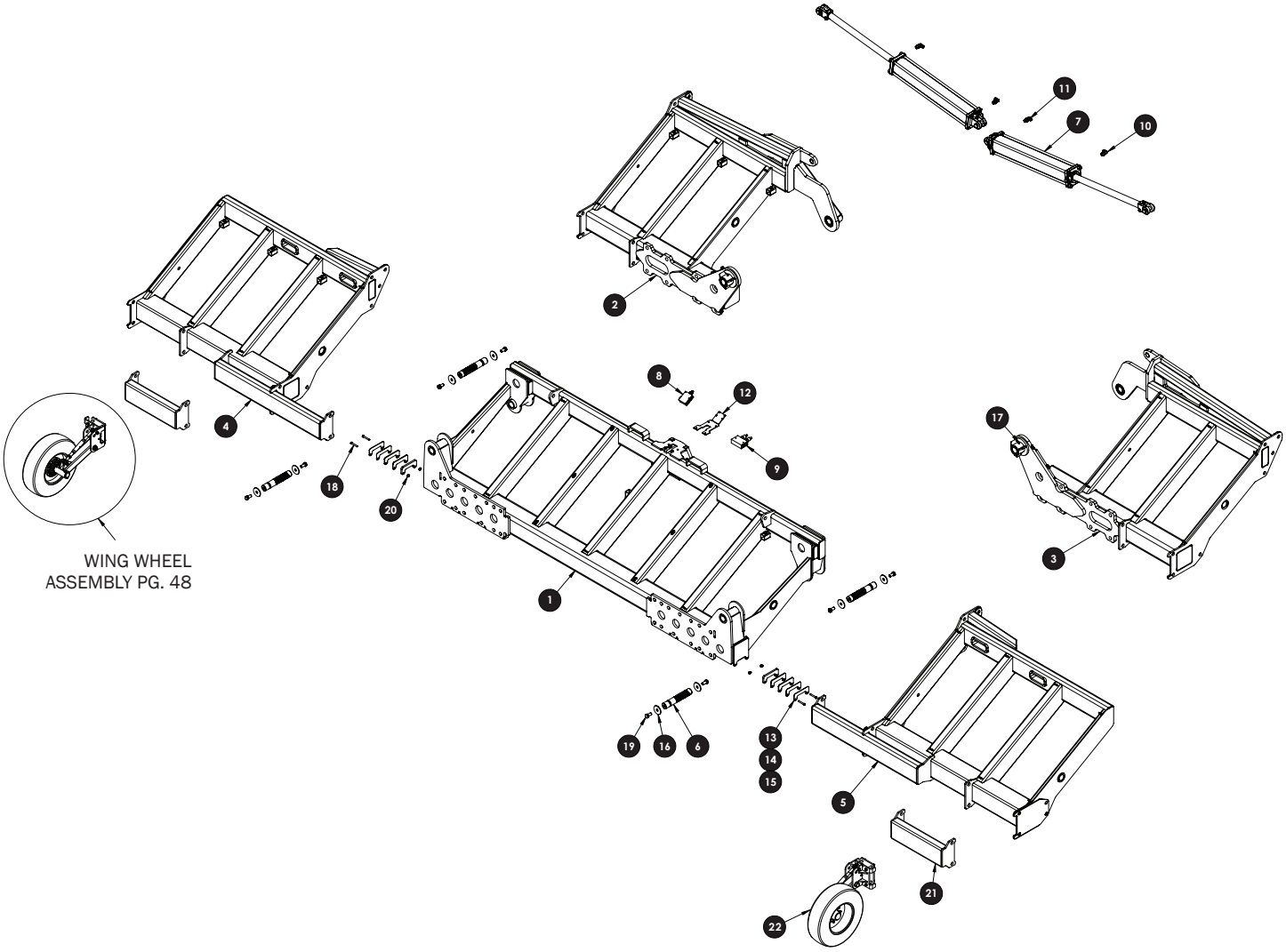


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1801GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 6R22
2	**1802RGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R22, RIGHT
3	**1802LGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R22, LEFT
4	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
5	**7740**	2	CYLINDER, HYDRAULIC, 5.00 X 30.00, 2.00 DIAMETER ROD (42.25 RETRACT)
6	**8479**	1	BLOCK, HYDRAULIC, PRESSURE REDUCING
7	**8713**	1	HYDRAULIC ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
8	**7340**	2	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
9	**2172**	2	FITTING, HYDRAULIC, 90 DEGREE ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
10	**3545GY1**	1	PLATE, MOUNT, HYDRAULIC BLOCK
11	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
12	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
13	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
14	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
15	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
16	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
17	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
18	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK

4500 SERIES TOOLBAR | ITEM NO. 2086

33 FT., 18 ROW, 22 IN. ROW SPACING

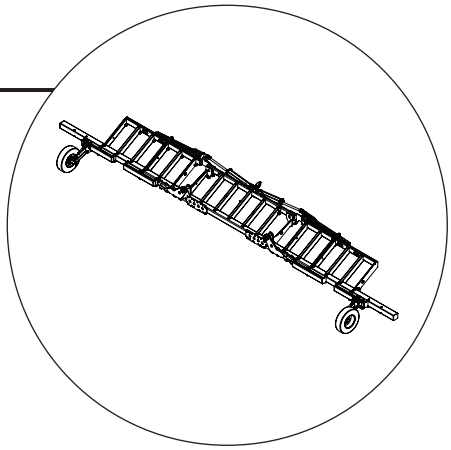


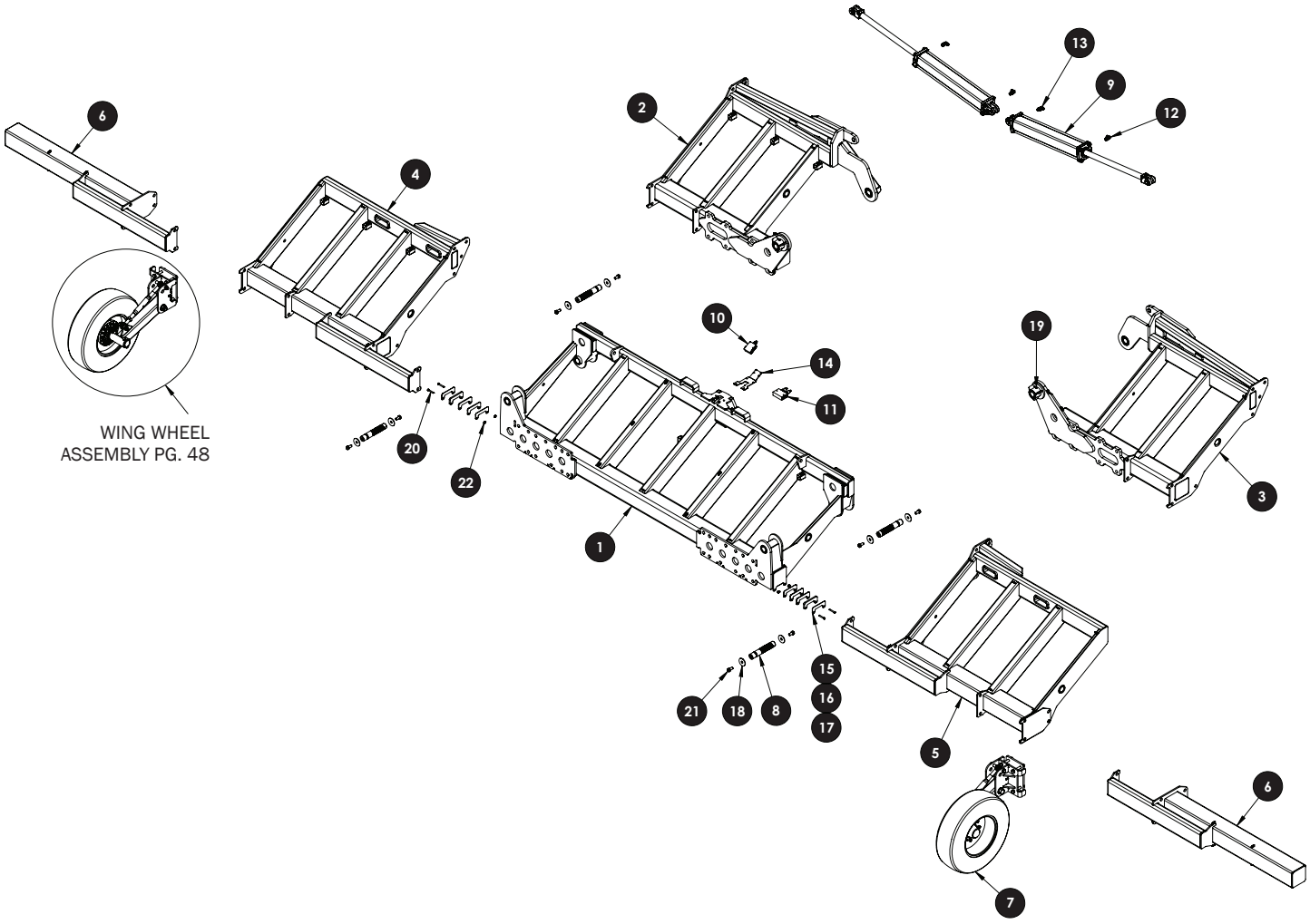


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1801GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 6R22
2	**1802RGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R22, RIGHT
3	**1802LGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R22, LEFT
4	**1803RGY1**	1	WELD, TOOLBAR EXTENSION, 3R22, RIGHT
5	**1803LGY1**	1	WELD, TOOLBAR EXTENSION, 3R22, LEFT
6	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
7	**7740**	2	CYLINDER, HYDRAULIC, 5.00 X 30.00, 2.00 DIAMETER ROD (42.25 RETRACT)
8	**8479**	1	BLOCK, HYDRAULIC, PRESSURE REDUCING
9	**8713**	1	HYDRAULIC ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
10	**7340**	2	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
11	**2172**	2	FITTING, HYDRAULIC, 90 DEGREE ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
12	**3545GY1**	1	PLATE, MOUNT, HYDRAULIC BLOCK
13	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
14	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
15	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
16	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
17	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
18	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
19	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
20	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
21	**102864GY1**	2	WELD, 7X3, TOOLBAR EXTENDER, 20/22 IN.
22	**101690**	2	ASSY., SINGLE ADJUSTABLE WING WHEEL PAIR, 7X3

4500 SERIES TOOLBAR | ITEM NO. 2083

44 FT., 24 ROW, 22 IN. ROW SPACING

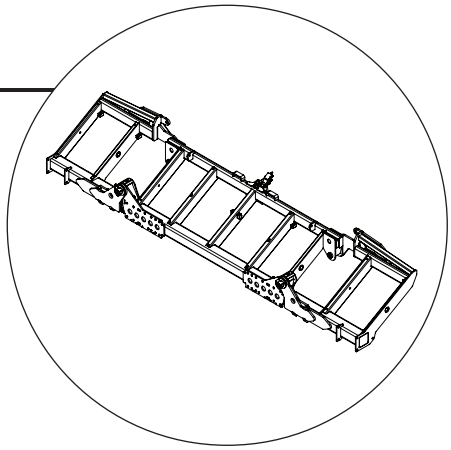


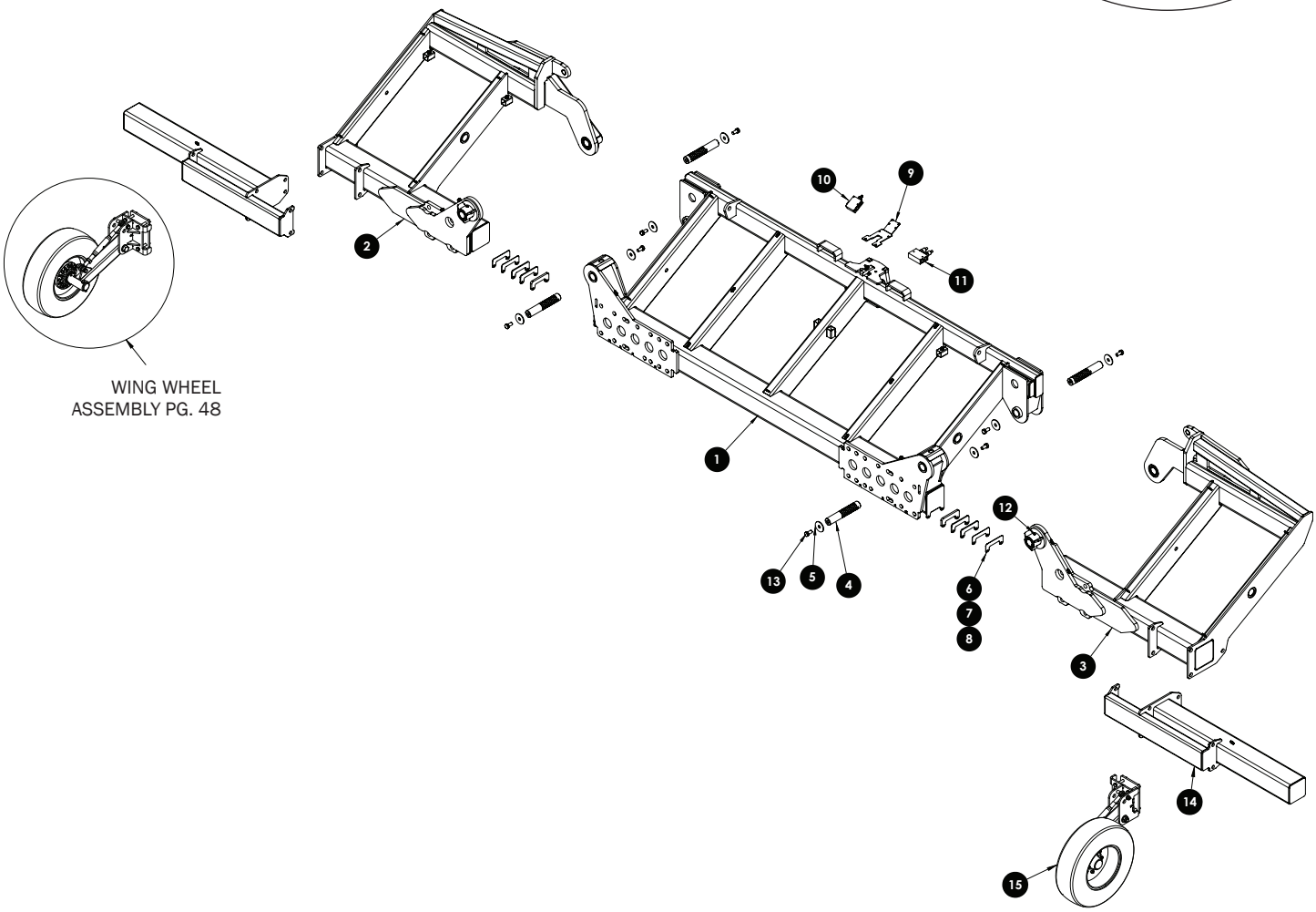


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1801GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 6R22
2	**1802RGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R22, RIGHT
3	**1802LGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 3R22, LEFT
4	**1803RGY1**	1	WELD, TOOLBAR EXTENSION, 3R22, RIGHT
5	**1803LGY1**	1	WELD, TOOLBAR EXTENSION, 3R22, LEFT
6	**105845GY1**	2	TOOLBAR, 4500 SERIES, WING EXTENSION 3R20/22
7	**101690**	1	ASSEMBLY, SINGLE ADJUSTABLE WING WHEEL PAIR, 7X3
8	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
9	**7740**	2	CYLINDER, HYDRAULIC, 5.00 X 30.00, 2.00 DIAMETER ROD (42.25 RETRACT)
10	**8479**	1	BLOCK, HYDRAULIC, PRESSURE REDUCING
11	**8713**	1	HYDRAULIC ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
12	**7340**	2	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
13	**2172**	2	FITTING, HYDRAULIC, 90 DEGREE ELBOW, -6 MORFS X -10 MORB, 0.06
14	**3545GY1**	1	PLATE, MOUNT, HYDRAULIC BLOCK
15	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
16	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
17	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
18	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
19	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
20	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
21	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
22	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK

4500 SERIES TOOLBAR | ITEM NO. 2093

20 FT. 8 ROW, 30 IN. ROW SPACING



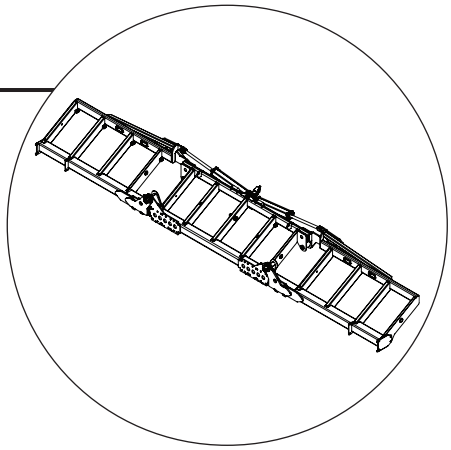


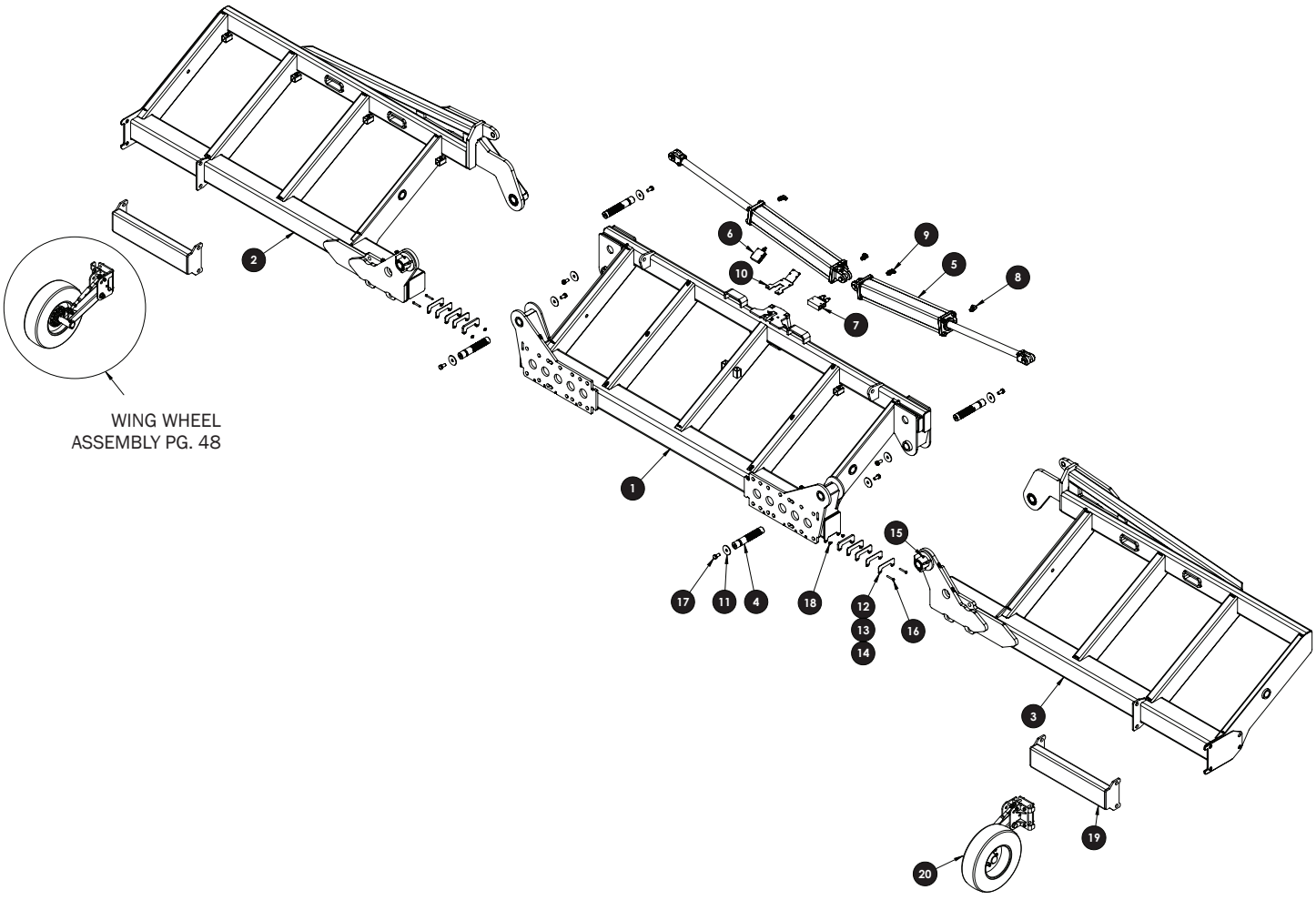
WING WHEEL
ASSEMBLY PG. 48

ITEM	PART NO.	QTY.	DESCRIPTION
1	**1821GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 4R30
2	**102819GY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 2R30, RIGHT
3	**102820GY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 2R30, LEFT
4	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
5	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
6	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
7	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
8	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
9	**3545GY1**	1	PLATE, MOUNT, HYD. BLOCK
10	**8479**	1	BLOCK, HYD., PRESS. REDUCING
11	**8713**	1	HYD. ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
12	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
13	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
14	**102823GY1**	2	WELD, TOOLBAR EXTENSION, 2R30, FOR 8 ROW 4500 SERIES
15	**101690**	2	ASSY., SINGLE ADJUSTABLE WING WHEEL PAIR, 7X3

4500 SERIES TOOLBAR | ITEM NO. 2081

30 FT., 12 ROW, 30 IN. ROW SPACING

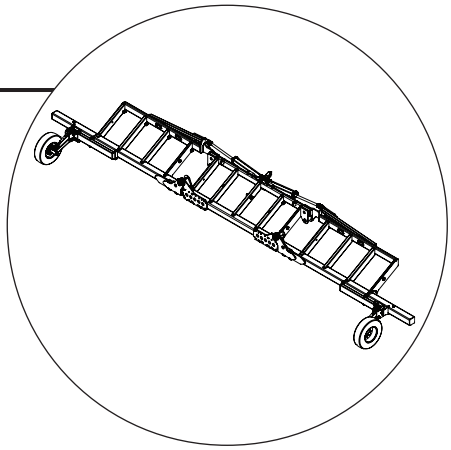


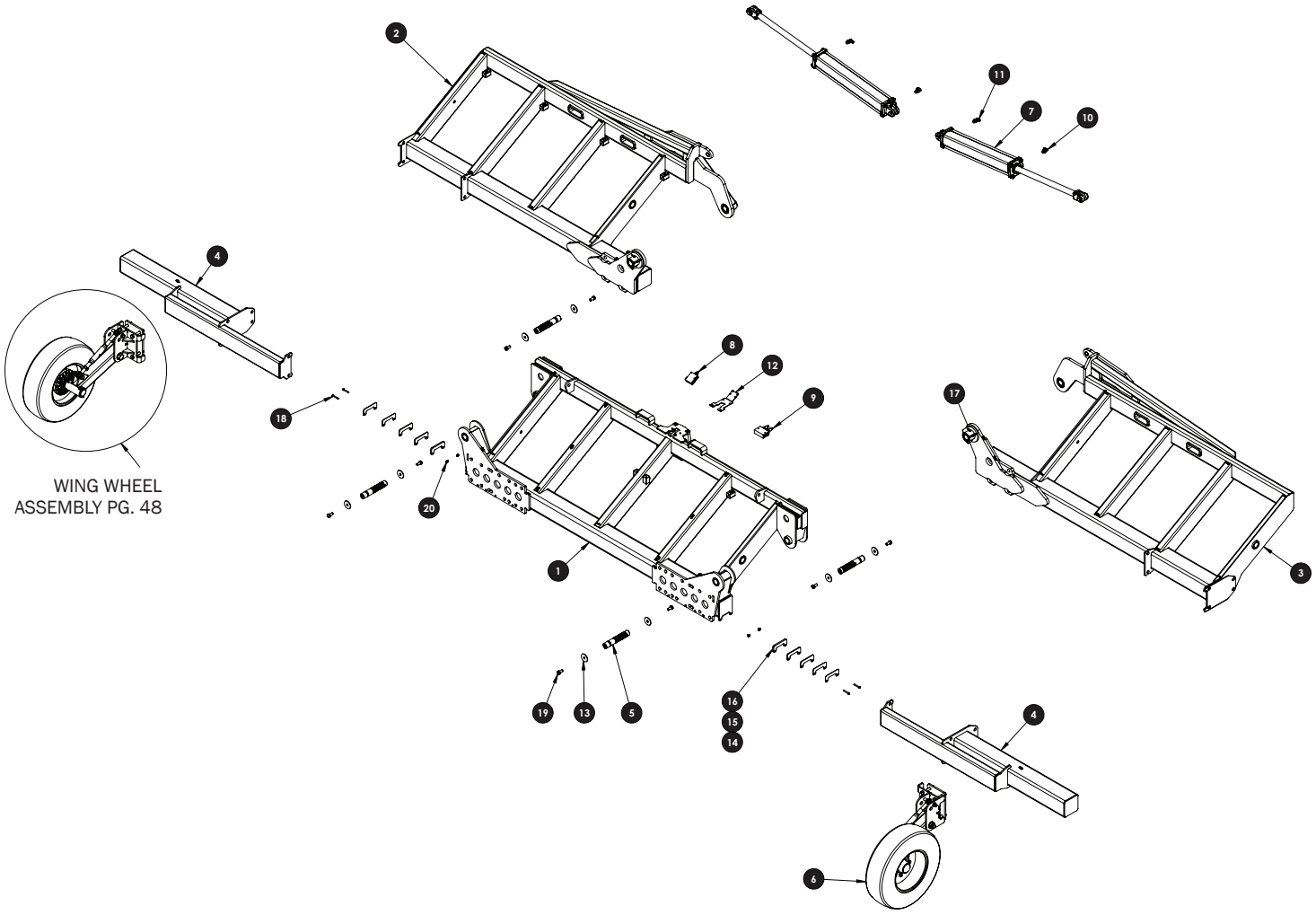


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1821GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 4R30
2	**1822RGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 4R30, RIGHT
3	**1822LGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 4R30, LEFT
4	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
5	**7740**	2	CYLINDER, HYDRAULIC, 5.00 X 30.00, 2.00 DIAMETER ROD (42.25 RETRACT)
6	**8479**	1	BLOCK, HYDRAULIC, PRESSURE REDUCING
7	**8713**	1	HYDRAULIC ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
8	**7340**	2	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
9	**2172**	2	FITTING, HYDRAULIC, 90 DEGREE ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
10	**3545GY1**	1	PLATE, MOUNT, HYDRAULIC BLOCK
11	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
12	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
13	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
14	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
15	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
16	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
17	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
18	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
19	**1606GY1**	2	WELD, 7X3, TOOLBAR EXTENDER, 30 IN.
20	**101690**	2	ASSY., SINGLE ADJUSTABLE WING WHEEL PAIR, 7X3

4500 SERIES TOOLBAR | ITEM NO. 2085

40 FT., 16 ROW, 30 IN. ROW SPACING



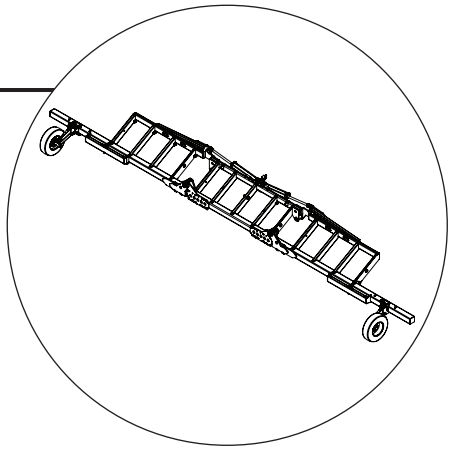


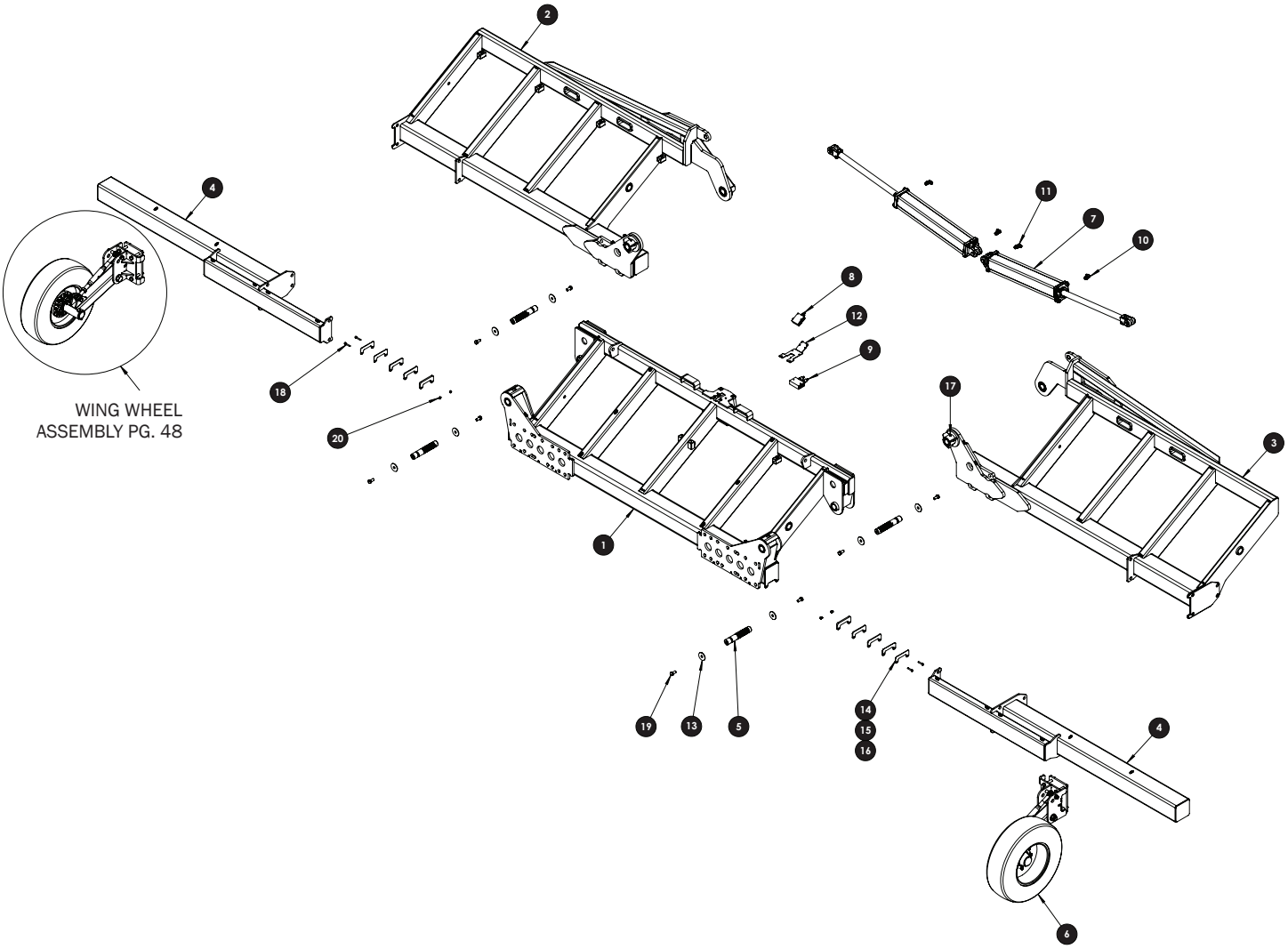
WING WHEEL
ASSEMBLY PG. 48

ITEM	PART NO.	QTY.	DESCRIPTION
1	**1821GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 4R30
2	**1822RGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 4R30, RIGHT
3	**1822LGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 4R30, LEFT
4	**1605GY1**	2	WELD, TOOLBAR END, 2R30
5	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
6	**101690**	1	ASSEMBLY, SINGLE ADJUSTABLE WING WHEEL PAIR, 7X3
7	**7740**	2	CYLINDER, HYDRAULIC, 5.00 X 30.00, 2.00 DIAMETER ROD (42.25 RETRACT)
8	**8479**	1	BLOCK, HYDRAULIC, PRESSURE REDUCING
9	**8713**	1	HYDRAULIC ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
10	**7340**	2	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
11	**2172**	2	FITTING, HYDRAULIC, 90 DEGREE ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
12	**3545GY1**	1	PLATE, MOUNT, HYDRAULIC BLOCK
13	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
14	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
15	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
16	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
17	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
18	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
19	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
20	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK

4500 SERIES TOOLBAR | ITEM NO. 2088

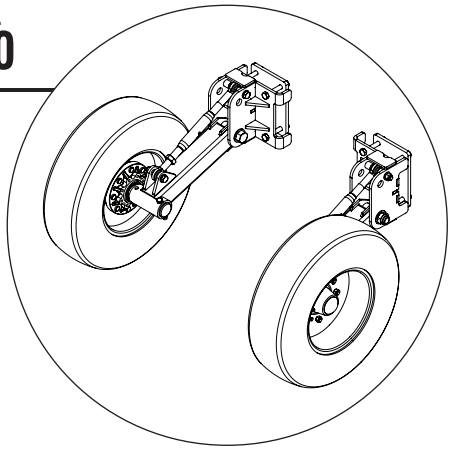
45 FT., 18 ROW, 30 IN. ROW SPACING

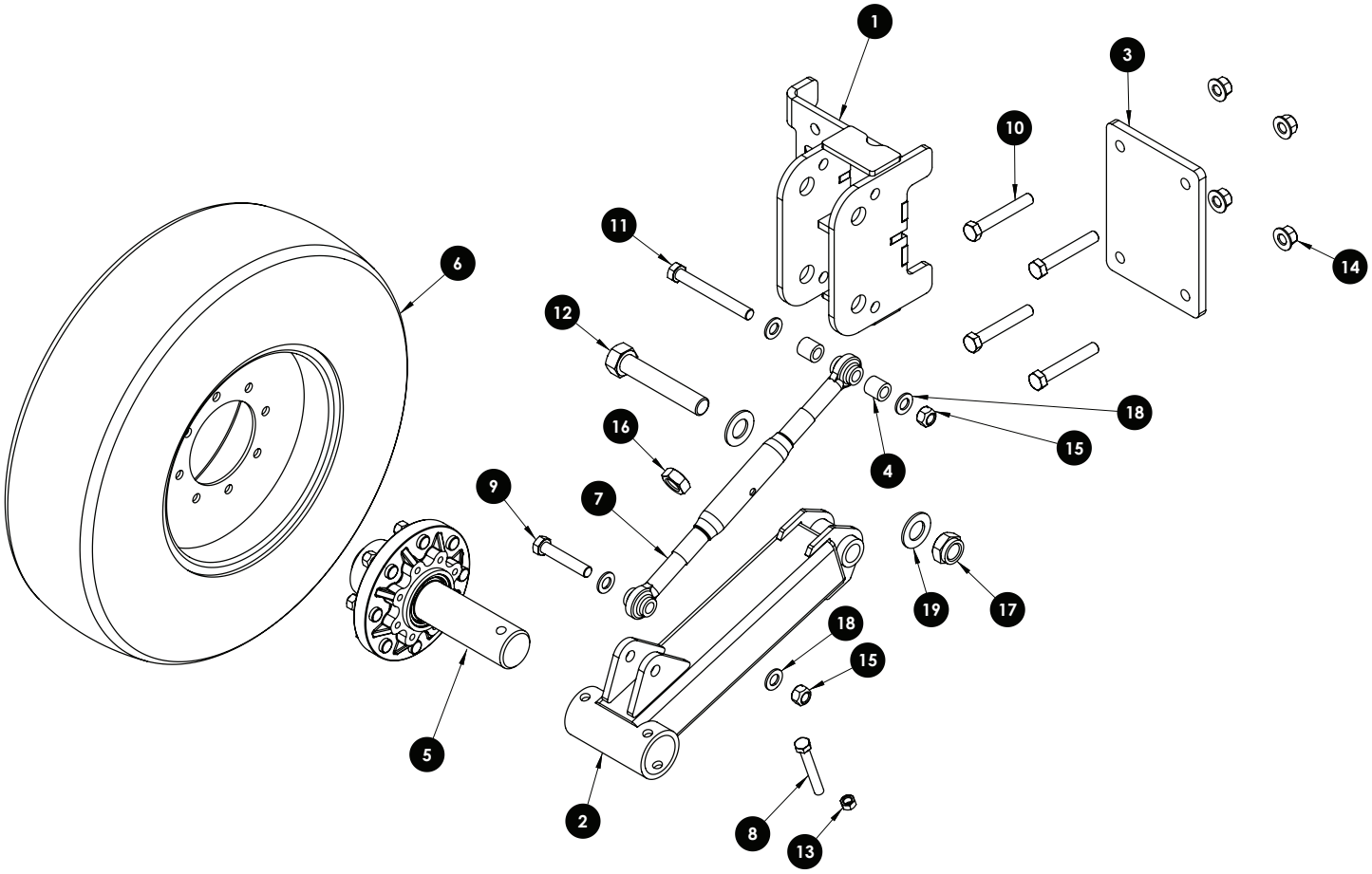




ITEM	PART NO.	QTY.	DESCRIPTION
1	**1821GY1**	1	WELD, TOOLBAR CENTER, 4500 SERIES, 4R30
2	**1822RGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 4R30, RIGHT
3	**1822LGY1**	1	WELD, TOOLBAR WING, 4500 SERIES, 4R30, LEFT
4	**102931GY1**	2	WELD, TOOLBAR EXTENSION, 3R30
5	**104836**	4	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
6	**101690**	1	ASSEMBLY, SINGLE ADJUSTABLE WING WHEEL PAIR, 7X3
7	**7740**	2	CYLINDER, HYDRAULIC, 5.00 X 30.00, 2.00 DIAMETER ROD (42.25 RETRACT)
8	**8479**	1	BLOCK, HYDRAULIC, PRESSURE REDUCING
9	**8713**	1	HYDRAULIC ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
10	**7340**	2	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
11	**2172**	2	FITTING, HYDRAULIC, 90 DEGREE ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
12	**3545GY1**	1	PLATE, MOUNT, HYDRAULIC BLOCK
13	**9225YL1**	8	WASHER, TOOLBAR HINGE PIN
14	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
15	**5877GY1**	4	TOOLBAR SPACER, 0.250 IN.
16	**5888GY1**	2	TOOLBAR SPACER, 0.500 IN.
17	**7750**	8	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
18	**9965**	4	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
19	**8663**	8	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
20	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK

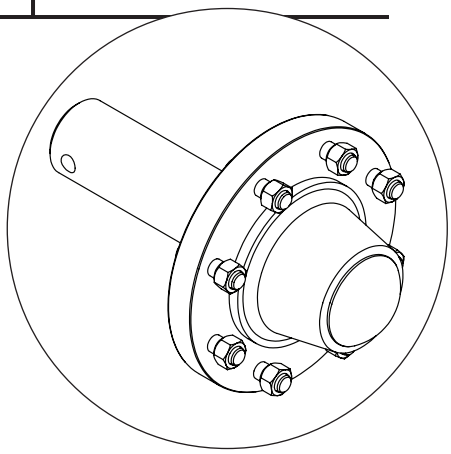
ADJUSTABLE WING WHEEL | ITEM NO. 101690

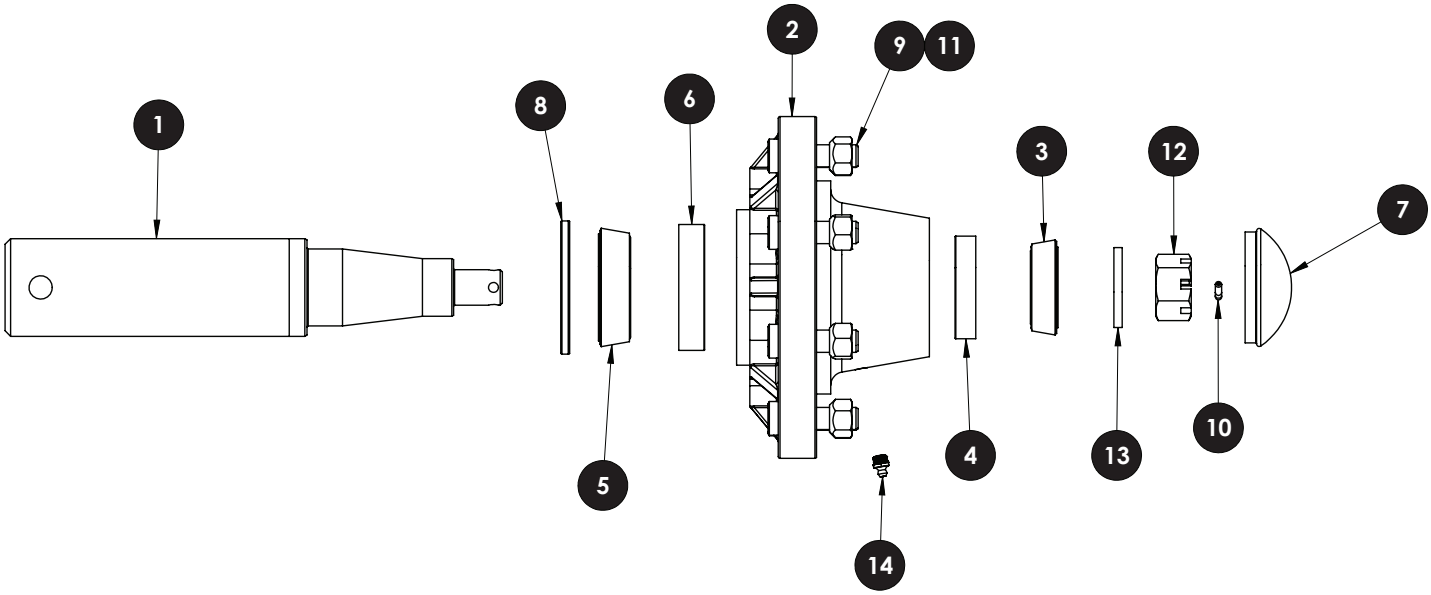




ITEM	PART NO.	QTY.	DESCRIPTION
1	**101691GY1**	2	WELD, BRACKET, SINGLE WING WHEEL
2	**101692GY1**	2	WELD, ARM, SINGLE WING WHEEL
3	**102033GY1**	2	PLATE, WING WHEEL MOUNTING STRAP
4	**105395GY1**	4	TUBE, RND, 1.250 X 0.234, 1.219 IN. LONG
5	**2516**	2	KIT, 608 HUB AND SPINDLE
6	**2515**	2	ASSY., TIRE/RIM, 9.5L-R15, WING WHEEL
7	**101853**	2	TOP LINK, 0.750, CAT I, 13.00 IN.
8	**8028**	2	BOLT, 0.625-11 UNC-2A X 4.500 HHCS, GR. 8
9	**8664**	2	BOLT, 0.750-10 UNC-2A X 4.00 HHCS, GR. 8
10	**100719**	8	BOLT, 0.750-10 UNC-2A X 5.000 HHCS, GR. 8
11	**101854**	2	BOLT, 0.750-10 UNC-2A X 6.500 HHCS, GR. 8
12	**101855**	2	BOLT, 1.250-7 UNC-2A X 7.000 HHCS, GR. 8
13	**9292**	2	NUT, 0.625-11 UNC TOP LOCK, GR. C
14	**9364**	8	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
15	**7481**	4	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
16	**101856**	2	NUT, 1.125-7 UNC-2B FINISHED HEX JAM, GR. 2
17	**7762**	2	NUT, 1.250-7 UNC TOP LOCK, HEX GR. C, ZINC
18	**9365**	8	WASHER, 0.750 FLAT SAE NARROW HARD
19	**9392**	4	WASHER, 1.250 FLAT SAE NARROW

WING WHEEL HUB AND SPINDLE | ITEM NO. 2516

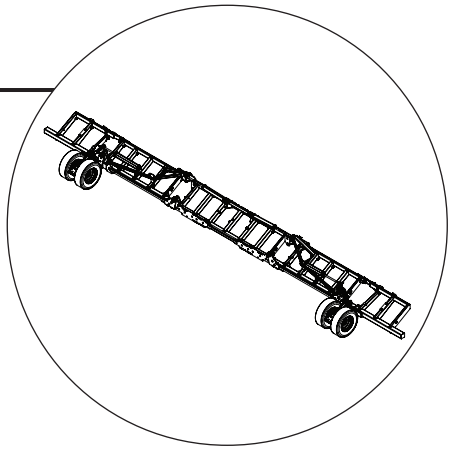


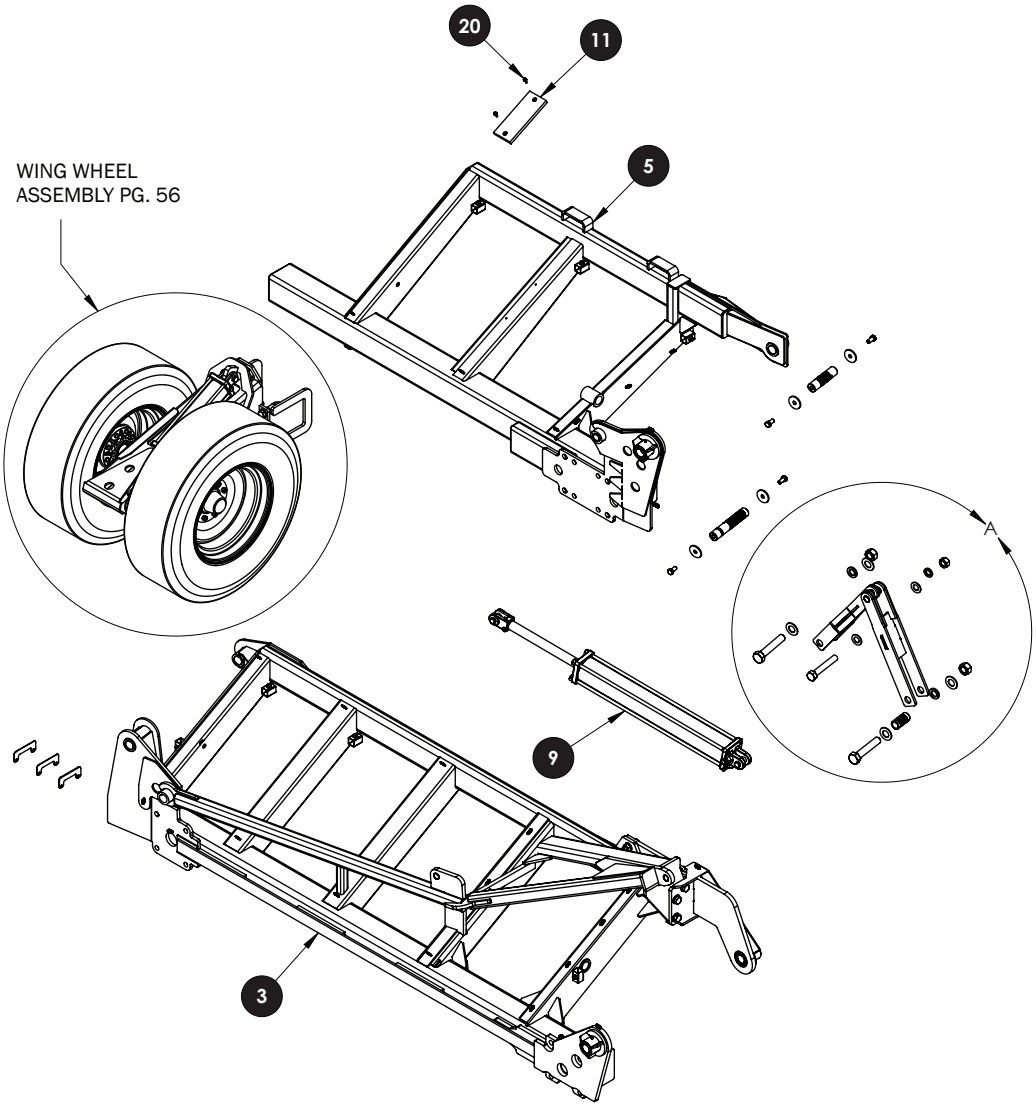


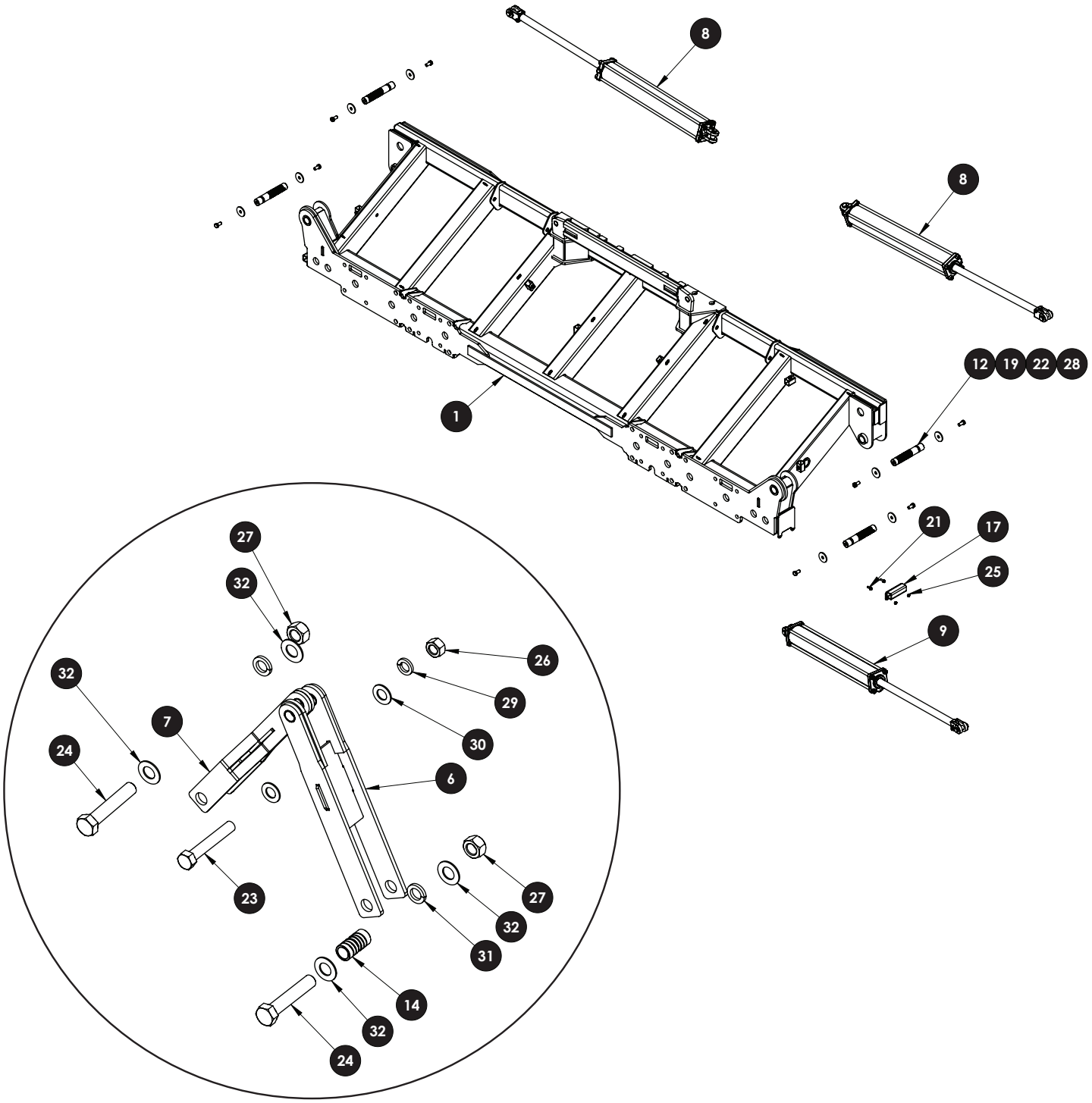
ITEM	PART NO.	QTY.	DESCRIPTION
1	**7975**	1	SPINDLE, 608 HUB
2	**104088**	1	HUB, N60-8 8 BOLT, 8.00 BC, 6.00 PILOT
3	**100491**	1	BEARING, CONE, OUTER, 608 HUB, LM501349
4	**100492**	1	BEARING, CUP, OUTER, 608 HUB, LM501310
5	**100493**	1	BEARING, CONE, INNER, 608 HUB, JLM506849
6	**100494**	1	BEARING, CUP, INNER, 608 HUB, JLM506810
7	**100280**	1	CAP, HUB, N60-8B
8	**100490**	1	SEAL, HUB, 608
9	**102149**	8	STUD, WHEEL, 0.625-18 UNF X 2.250 IN.
10	**103751**	1	PIN, COTTER, 0.188 IN. X 2.000 IN., ZINC PLATED
11	**100503**	8	NUT, 0.625-18 UNF-2B LUG HEX, ZINC
12	**100682**	1	NUT, 1.000-14 UNS SLOTTED HEX
13	**100681**	1	WASHER, 1.000 FLAT, HARD, 2.25 IN. O.D. X 0.234 IN. THICK
14	**103755**	1	ZERK, M10X1MM FITTING STRAIGHT

5000 SERIES TOOLBAR | ITEM NO. 2071

60 FT., 24 ROW 30 IN. ROW SPACING

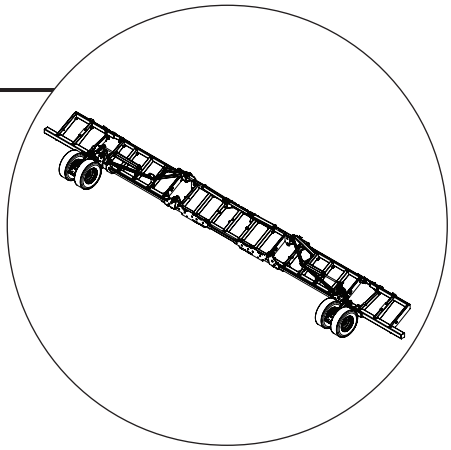


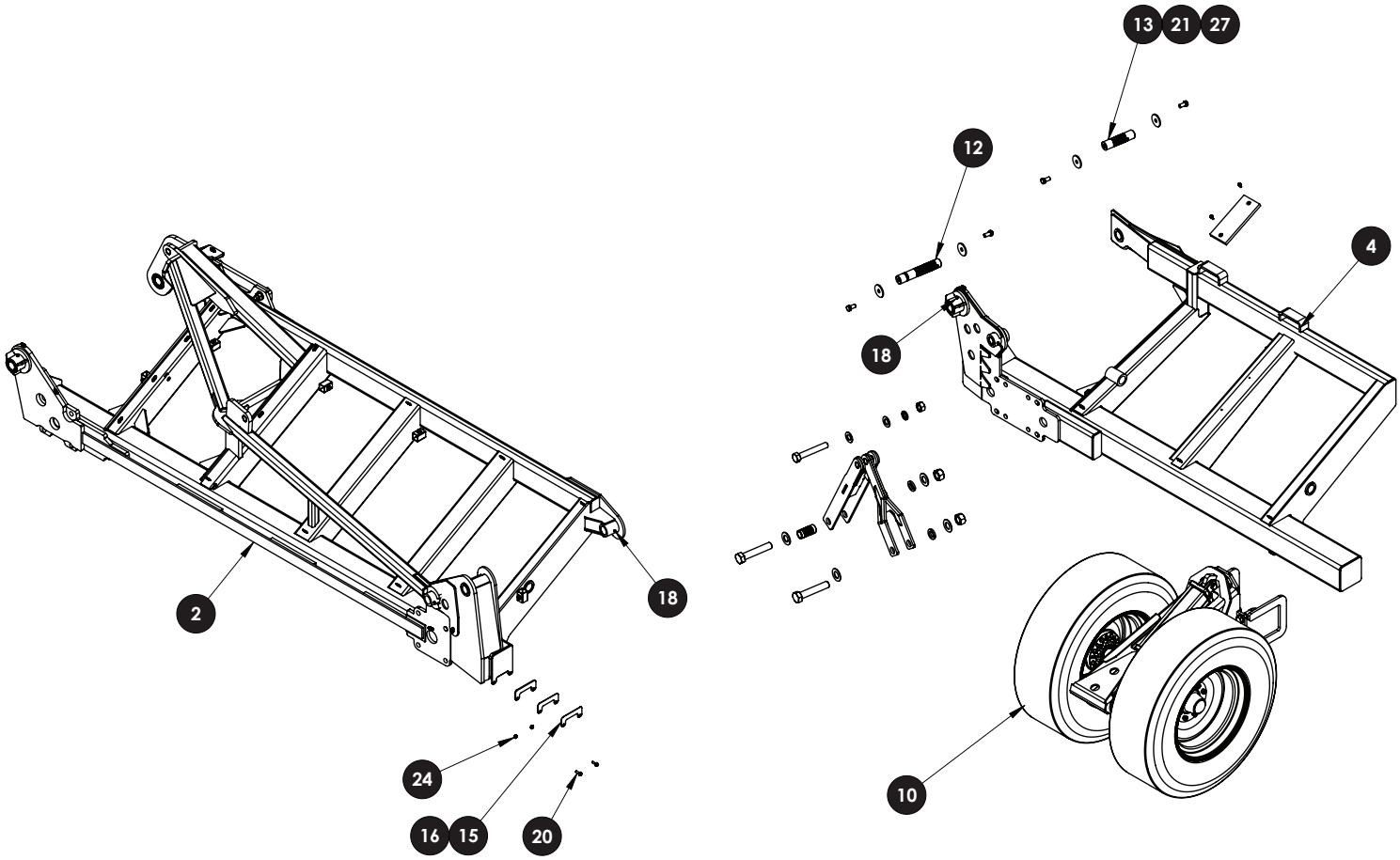



8
8
12
19
22
28
1
21
17
25
9
27
32
26
32
29
7
30
24
6
23
27
32
31
14
32
24

5000 SERIES TOOLBAR | ITEM NO. 2071

60 FT., 24 ROW 30 IN. ROW SPACING

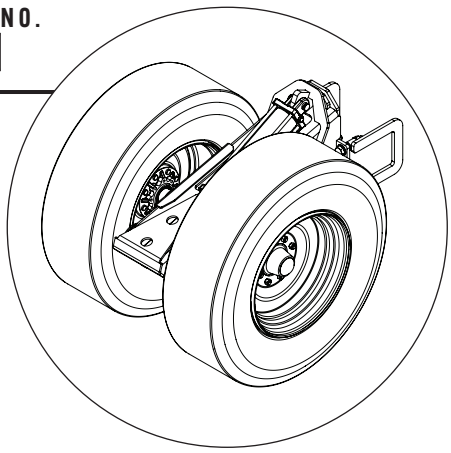


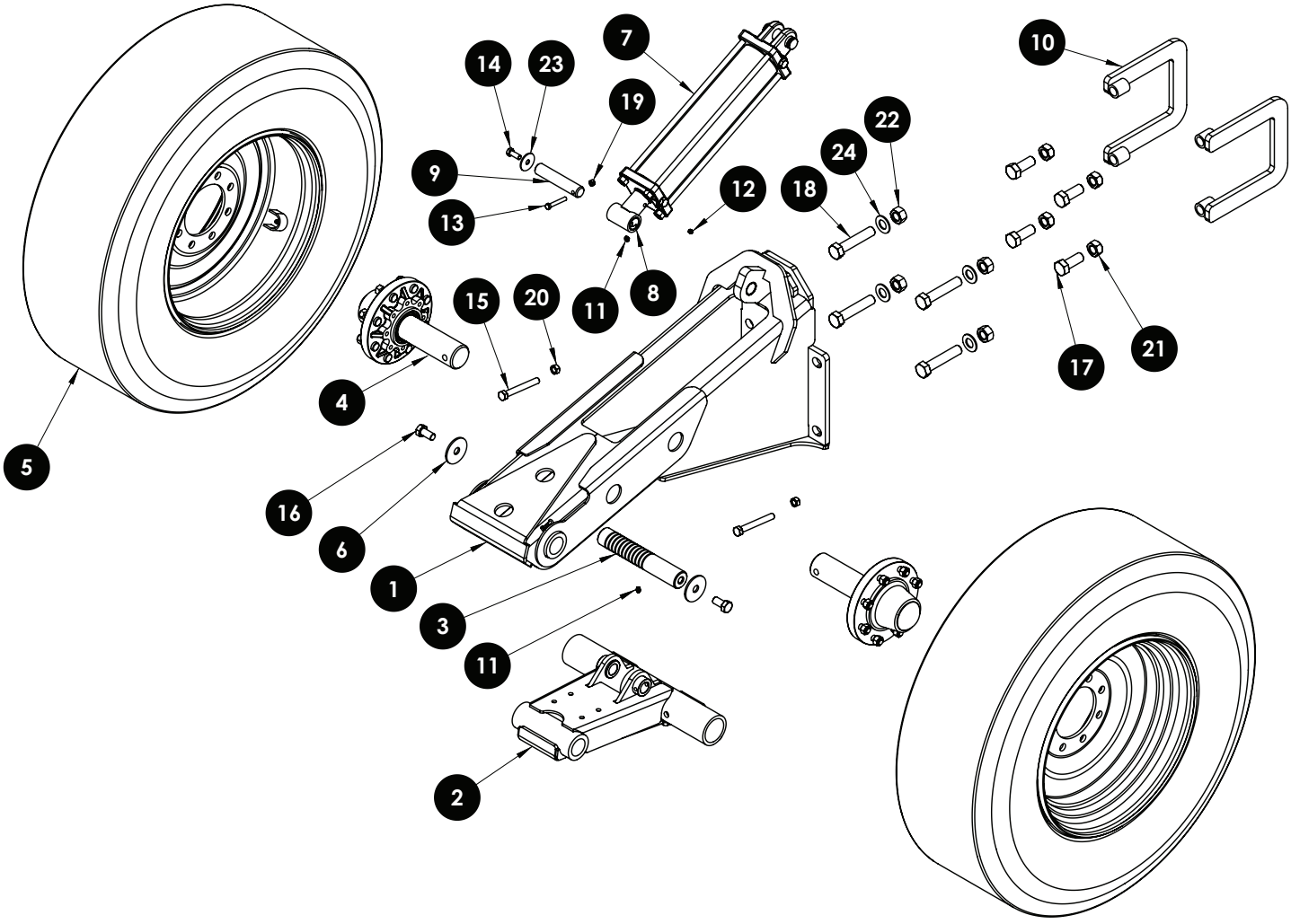


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1681GY1**	1	TOOLBAR, 5060, CENTER
2	**1682LGY1**	1	TOOLBAR, 5060, INNER WING, LEFT
3	**1682RGY1**	1	TOOLBAR, 5060, INNER WING, RIGHT
4	**1683LGY1**	1	TOOLBAR, 5060, OUTER WING, LEFT
5	**1683RGY1**	1	TOOLBAR, 5060, OUTER WING, RIGHT
6	**1688RD2**	2	WELD, TB RAM V-HINGE
7	**1695RD2**	2	WELD, TOOLBAR V-HINGE FORK
8	**6948**	2	CYLINDER, HYDRAULIC, 5.00 X 36.00, 2.50 DIAMETER ROD (48.25 RETRACT)
9	**9060**	2	CYLINDER, HYDRAULIC, 5.00 X 36.00, 2.00 DIAMETER ROD (48.25 RETRACT)
10	**1941**	2	ASSEMBLY, WING WHEEL, 5000 SERIES
11	**102291**	2	SHEET, UHMW, 5.000 X 12.250 X 0.750
12	**104836**	6	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
13	**104837**	2	PIN, 2.000 TB FOLD, REAR
14	**3620**	4	BUSHING, LIFT ARM PIVOT
15	**5876GY1**	4	TOOLBAR SPACER, 0.105 IN.
16	**5877GY1**	2	TOOLBAR SPACER, 0.250 IN.
17	**1699GY1**	2	SPACER, TOOLBAR
18	**7750**	14	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
19	**7796**	4	BOLT, 0.313-18 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
20	**6967**	8	BOLT, 0.375-16 UNC-2A X 1.250 FLANGE, GR. 8
21	**8663**	16	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
22	**7761**	2	BOLT, 1.250-7 UNC-2A X 8.000 HHCS, GR. 8
23	**8385**	4	BOLT, 1.500-6 UNC-2A X 8.000 HHCS, GR. 8
24	**7792**	8	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
25	**7090**	2	NUT, 1.250-7 UNC-2A FINISHED HEX, GR. 8, ZINC
26	**7592**	4	NUT, 1.500-6 UNC-2B FINISHED HEX, GR. 8
27	**9225YL1**	16	WASHER, TOOLBAR HINGE PIN
28	**7088**	2	WASHER, 1.250 LOCK, SPLIT, ZINC
29	**9392**	4	WASHER, 1.250 FLAT SAE NARROW
30	**9360**	4	WASHER, 1.500 SPLIT LOCK, ZINC
31	**7593**	8	WASHER, 1.500 FLAT SAE NARROW HARD

WING WHEEL, 5000 SERIES

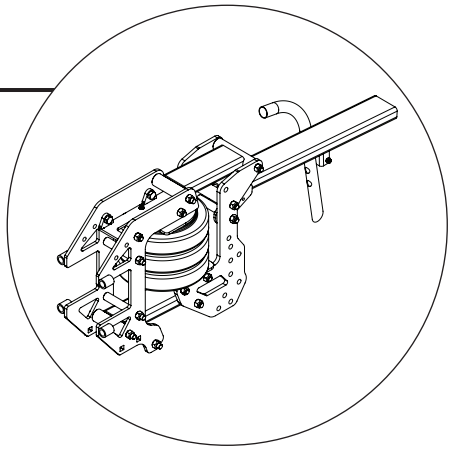
ITEM NO.
1941

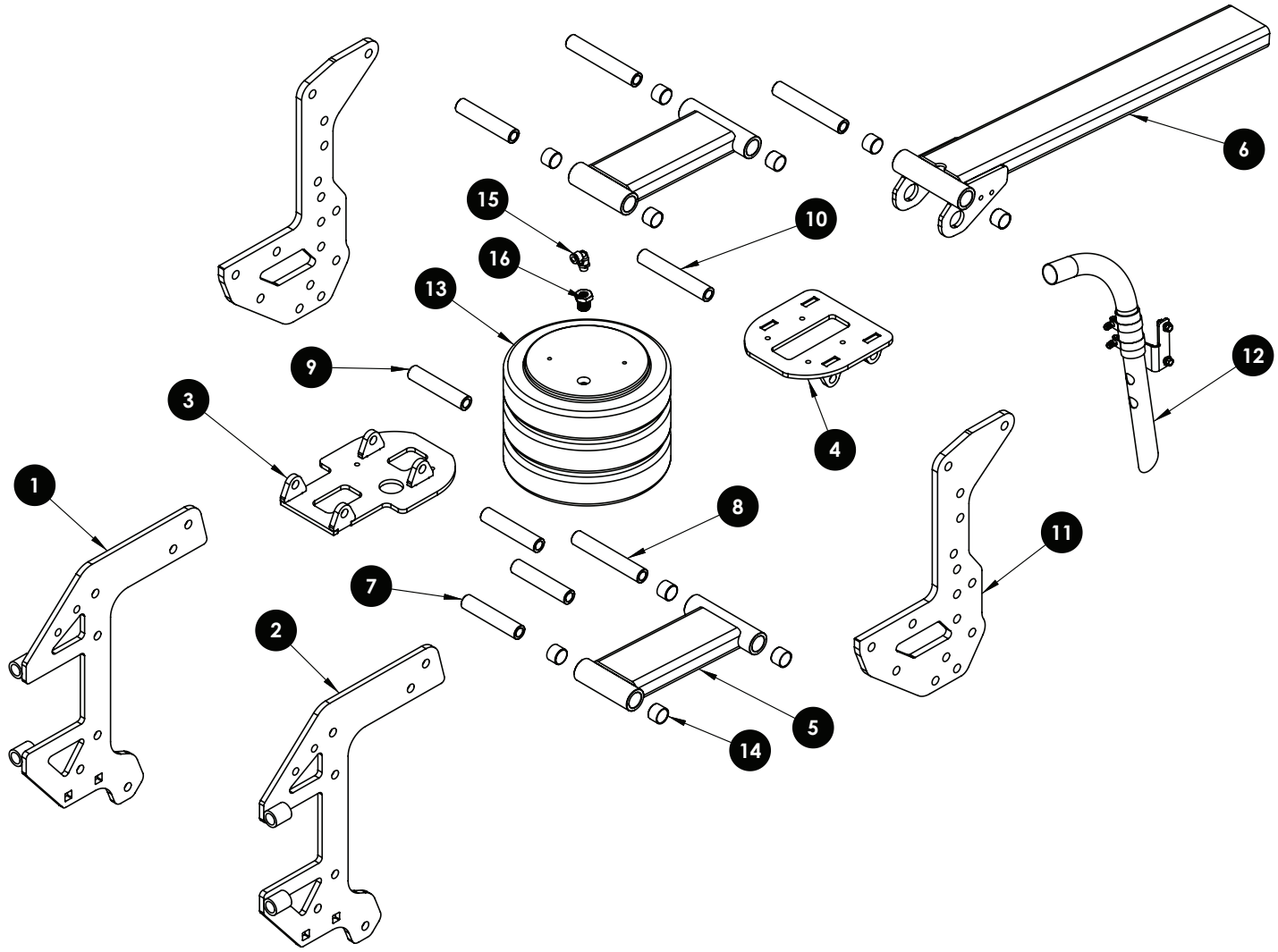




ITEM	PART NO.	QTY.	DESCRIPTION
1	**1942YL1**	1	WELD, WING WHEEL BASE, 5000 SERIES
2	**104776YL1**	1	WELD, LINK ARM, 5060 WING WHEEL
3	**104836**	1	PIN, TOOLBAR WING, PIVOT, 2.000 IN.
4	**2516**	2	KIT, 608 HUB AND SPINDLE
5	**2518**	2	ASSY, TIRE/RIM, 385 TIRE W/22.5X11.25 RIM
6	**9225**	2	WASHER, TOOLBAR HINGE PIN
7	**101650**	1	CYLINDER, HYD., 4.00 X 16.00, 1.75 DIA. ROD (26.25 RETRACT)
8	**104778BK2**	1	WELD, CROSSTUBE, WING WHEEL
9	**104782**	1	PIN, WING WHEEL, CROSSTUBE
10	**100226GY1**	2	ASSY, WING WHEEL CLAMP
11	**7750**	2	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
12	**8314**	1	SET SCREW, 3/8-24 X 3/8 CUP POINT
13	**7147**	1	BOLT, 0.375-16 UNC-2A X 2.500, HHCS GR. 8
14	**7744**	1	BOLT, 0.500-13 UNC-2A X 1.250 HHCS, GR. 8
15	**8450**	2	BOLT, 0.625-11 UNC-2A X 5.000 HHCS, GR. 8
16	**8663**	2	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
17	**9367**	4	BOLT, 1.000-8 UNC-2A X 2.500 HHCS, GR. 8
18	**9242**	4	BOLT, 1.000-8 UNC-2A X 5.000 HHCS GR. 8
19	**9361**	1	NUT, 0.375-16 UNC TOP LOCK HEX GR. C
20	**9292**	2	NUT, 0.625-11 UNC TOP LOCK, GR. C
21	**8367**	4	NUT, 1.000-8 UNC TOP LOCK, HEX GR. C, ZINC
22	**7126**	4	NUT, 1.000-8 UNC-2B FINISH, GR. 8
23	**101357**	1	WASHER, 0.500 FENDER, HEAVY
24	**9381**	4	WASHER, 1.000 FLAT SAE NARROW HARD

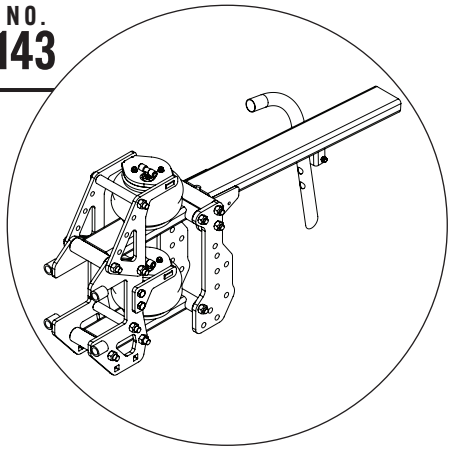
EDGE VANTAGE, BASE | ITEM NO. 104310

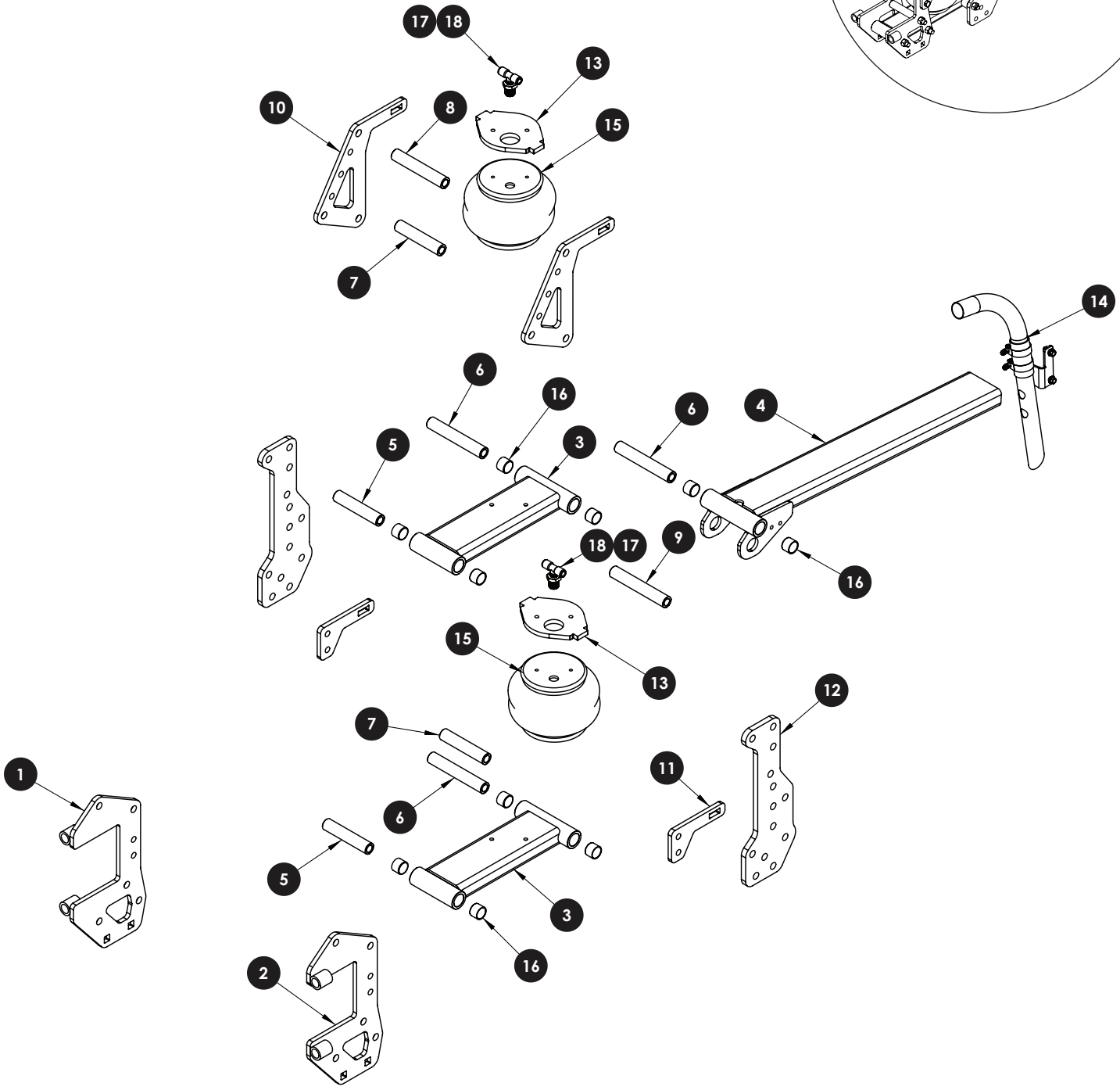




ITEM	PART NO.	QTY.	DESCRIPTION
1	**104301BK2**	1	WELD, SIDE PLATE, EDGE VANTAGE ROW UNIT, RIGHT
2	**104302BK2**	1	WELD, SIDE PLATE, EDGE VANTAGE ROW UNIT, LEFT
3	**104303BK2**	1	WELD, AIRBAG MOUNT, TOP
4	**104306BK2**	1	WELD, AIRBAG MOUNT, BOTTOM
5	**104307BK2**	2	WELD, PARALLEL LINK
6	**102575BK2**	1	WELD, CONTAINMENT COULTER TUBE, EDGE
7	**102798**	2	TUBE, 1.248 OD X 0.782 ID, 6.250 IN. LONG, CASE HARDENED
8	**102929**	3	TUBE, 1.248 OD X 0.782 ID, 7.750 IN. LONG, CASE HARDENED
9	**105838BK2**	3	TUBE, RND, 1.250 X 0.109, 7.750 IN. LONG
10	**105839BK2**	1	TUBE, RND, 1.000 X 0.109, 7.750 IN. LONG
11	**104291BK2**	2	PLATE, TILLAGE ATTACHMENT, EDGE VANTAGE
12	**105191**	1	ASSY, FERT TUBE, 1.75 IN. O.D., EDGE, SS
13	**8692**	1	AIRBAG, O.D. 13.10 IN. MAX., 5.00-16.00 IN. WORKING HEIGHT
14	**102963**	10	BEARING, PLASTIC, 1.250 IN. ID, 1.000 IN. LONG
15	**8764**	1	AIR FITTING, W369GC-8-6
16	**8035**	1	REDUCER BUSHING, 0.750 MNPT X 0.375 FNPT
17	**8498**	4	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
18	**9235**	8	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
19	**104255**	5	BOLT, 0.750-10 UNC-2A X 8.500 HHCS, GR. 8
20	**9032**	4	BOLT, 0.750-10 UNC-2A X 10.000 HHCS, GR. 8
21	**7481**	17	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC

EDGE, DUAL AIR BAG, BASE | ITEM NO. 105143

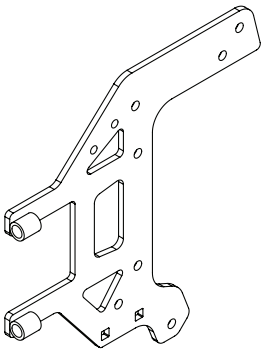




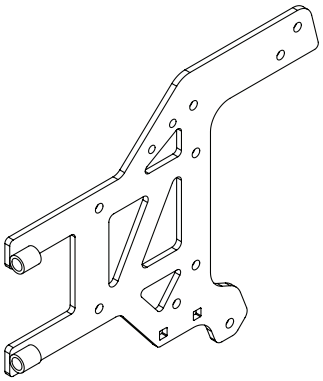
ITEM	PART NO.	QTY.	DESCRIPTION
1	**102567BK2**	1	WELD, SIDE PLATE, EDGE ROW UNIT, RIGHT
2	**102568BK2**	1	WELD, SIDE PLATE, EDGE ROW UNIT, LEFT
3	**102531BK2**	2	WELD, PARALLEL LINK, BOTTOM
4	**102575BK2**	1	WELD, CONTAINMENT COULTER TUBE, EDGE
5	**102798**	2	TUBE, 1.248 OD X 0.782 ID, 6.250 IN. LONG, CASE HARDENED
6	**102929**	3	TUBE, 1.248 OD X 0.782 ID, 7.750 IN. LONG, CASE HARDENED
7	**102799BK2**	2	TUBE, 1.250 X 0.234, 6.250 IN. LONG
8	**103103BK2**	1	TUBE, 1.250 X 0.234, 7.250 IN. LONG
9	**101546BK2**	1	TUBE, 1.250 X 0.234, 7.750 IN. LONG
10	**103101BK2**	2	SIDEPLATE, AIRBAG MOUNT, UPPER
11	**102765BK2**	2	SIDEPLATE, AIRBAG MOUNT
12	**103559BK2**	2	PLATE, PARALLEL LINK MOUNT
13	**102556BK2**	2	PLATE, AIRBAG TOP
14	**105191**	1	ASSY, FERT TUBE, 1.75 IN. O.D., EDGE, SS
15	**7857**	2	AIRBAG, O.D. 9.90 IN. MAX., 4.00-9.00 IN. WORKING HEIGHT
16	**102963**	10	BEARING, PLASTIC, 1.250 IN. ID, 1.000 IN. LONG
17	**8035**	2	REDUCER BUSHING, 0.750 MNPT X 0.375 FNPT
18	**8491**	2	FITTING, AIR, BRANCH TEE, 0.500 TUBE X 0.375 NPT
19	**8498**	4	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
20	**7147**	4	BOLT, 0.375-16 UNC-2A X 2.500, HHCS GR. 8
21	**9182**	4	BOLT, 0.625-11 UNC-2A X 1.750 HHCS, GR. 5
22	**104255**	5	BOLT, 0.750-10 UNC-2A X 8.500 HHCS, GR. 8
23	**104257**	3	BOLT, 0.750-10 UNC-2A X 9.500 HHCS, GR. 8
24	**9032**	3	BOLT, 0.750-10 UNC-2A X 10.000 HHCS, GR. 8
25	**9292**	4	NUT, 0.625-11 UNC TOP LOCK, GR. C
26	**9372**	1	NUT, 0.750-10 UNC-2B FINISH, GR. 8
27	**7481**	9	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC

EDGE VANTAGE SETBACKS

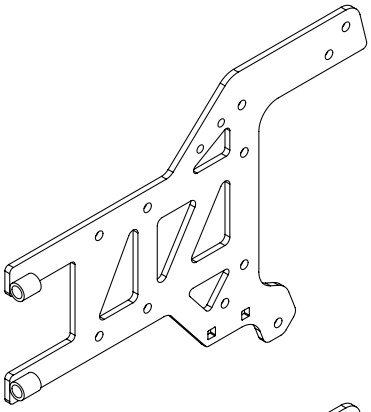
5″ SETBACK (OVERALL LENGTH 25.897″)	
LEFT	**105174BK2**
RIGHT	**105173BK2**



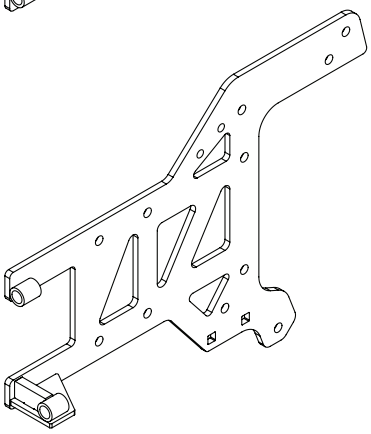
11″ SETBACK (OVERALL LENGTH 31.897″)	
LEFT	**105176BK2**
RIGHT	**105175BK2**



16″ SETBACK (OVERALL LENGTH 36.897″)	
LEFT	**105178BK2**
RIGHT	**105177BK2**

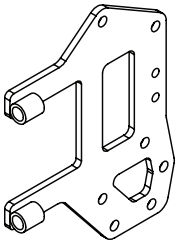


16″ SETBACK FOR 20″ ROW SPACING (OVERALL LENGTH 36.897″)	
LEFT	**105180BK2**
RIGHT	**105179BK2**

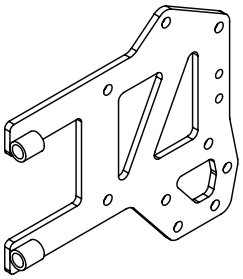


EDGE SETBACKS

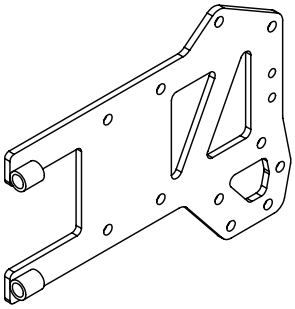
5″ SETBACK (OVERALL LENGTH 15.523″)	
LEFT	**103318BK2**
RIGHT	**103317BK2**



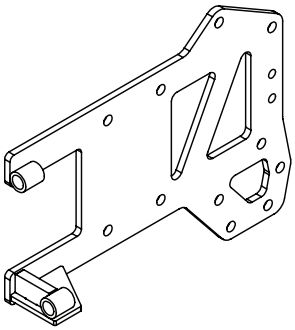
11″ SETBACK (OVERALL LENGTH 21.523″)	
LEFT	**103320BK2**
RIGHT	**103319BK2**



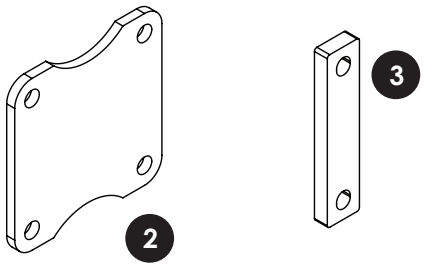
16″ SETBACK (OVERALL LENGTH 26.523″)	
LEFT	**103322BK2**
RIGHT	**103321BK2**



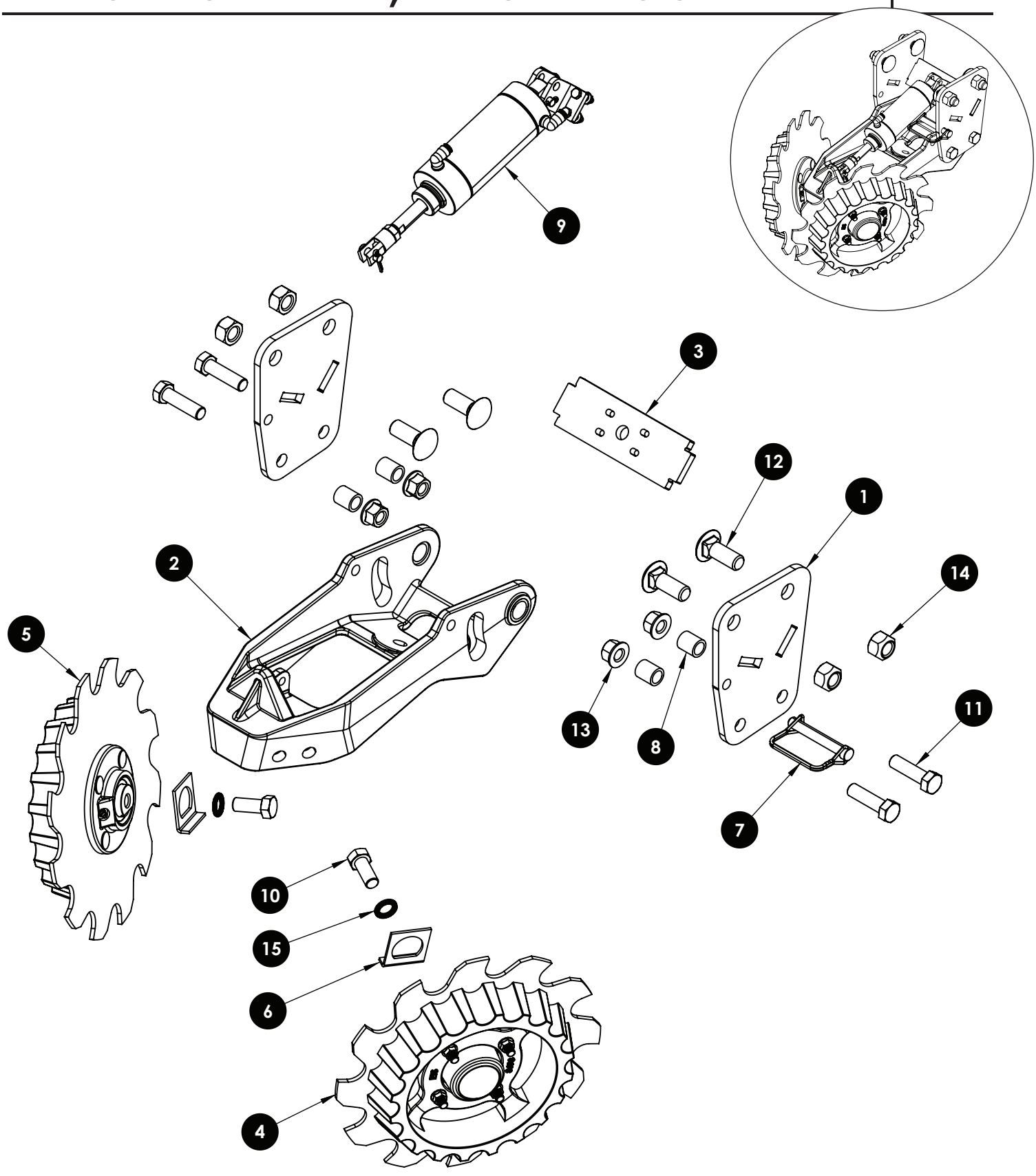
16″ SETBACK FOR 20″ ROW SPACING (OVERALL LENGTH 26.523″)	
LEFT	**104096BK2**
RIGHT	**104097BK2**



❶	**102799BK2**	SPACER FOR 11" AND 16" SETBACKS
❷	**4117BK2**	PLATE, C-CLAMP MOUNT
❸	**4063BK2**	FLAT, C-CLAMP STRAP



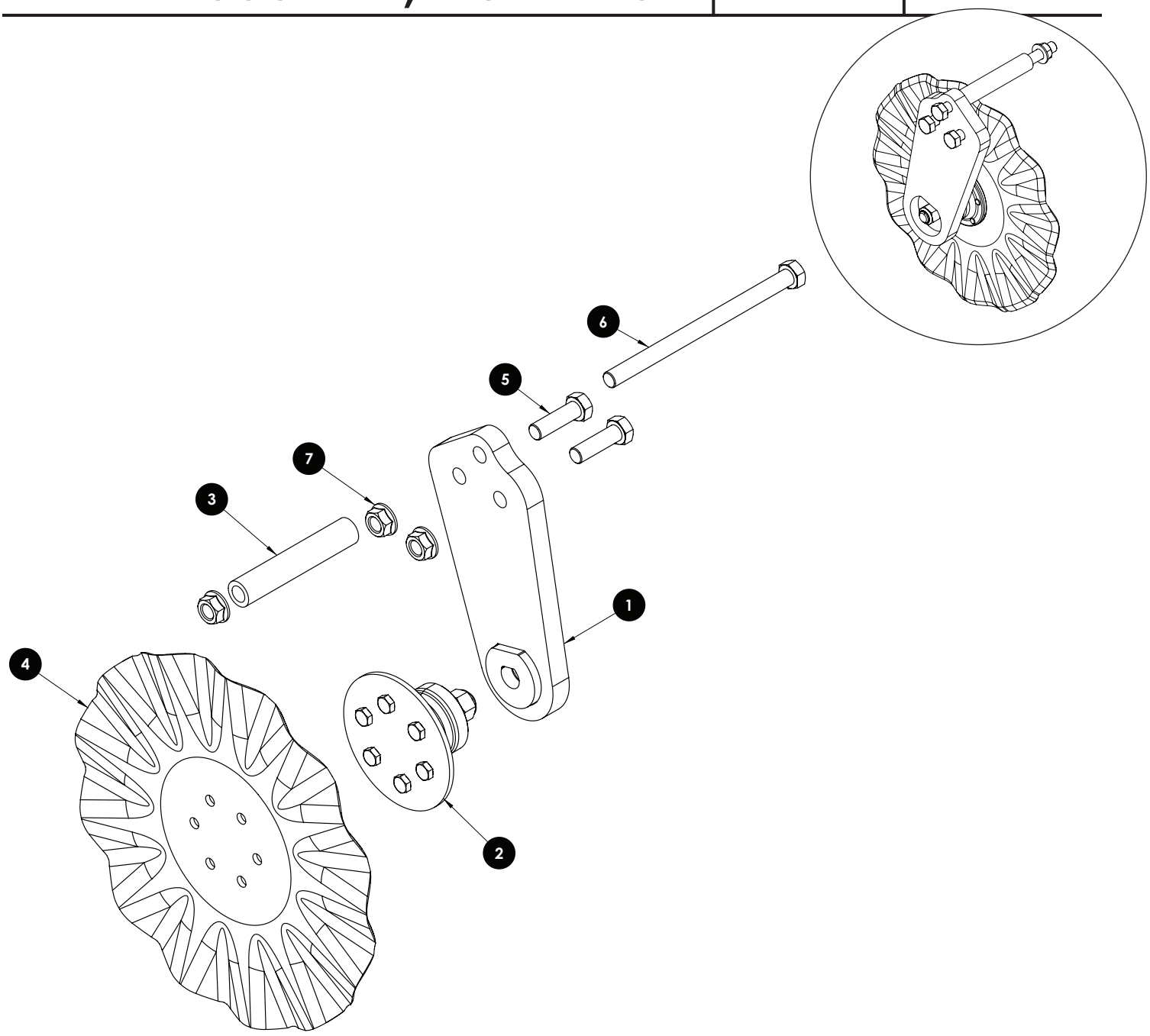
ZONE CLEANER, PNEUMATIC CYLINDER | ITEM NO. 103139



ITEM	PART NO.	QTY.	DESCRIPTION
1	**102558BK2**	2	PLATE, MOUNT, ZONE CLEANER
2	**104891BK2**	1	ASSY, EDGE, A-FRAME, CAST
3	**102479BK2**	1	PLATE, ROW CLEANER, TOP MOUNT, EDGE
4	**1367EL**	1	KIT, ROW CLEANER HUB,ETS BLADE, LEFT
5	**1367ER**	1	KIT, ROW CLEANER HUB, ETS BLADE, RIGHT
6	**102213**	2	PLATE, ANTI-ROTATION, ZONE CLEANER, SS
7	**102696**	1	PIN, LOCKING, 0.500 X 3.00, SQUARE WIRE
8	**104786**	4	BUSHING, 0.875 X 0.125, 1.000 IN.
9	**102410**	1	ASSY., CYL., PNEUMATIC
10	**7669**	2	BOLT, 0.625-11 UNC-2A X 1.500 HHCS, GR. 8
11	**7218**	4	BOLT, 0.625-11 UNC-2A X 2.250 HHCS, GR. 8
12	**104834**	4	BOLT, 0.750-10 UNC-2A X 1.750 RD HD SQ. NECK CARRIAGE
13	**100631**	4	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC
14	**7481**	4	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
15	**7982**	2	WASHER, 0.625 NORD LOCK

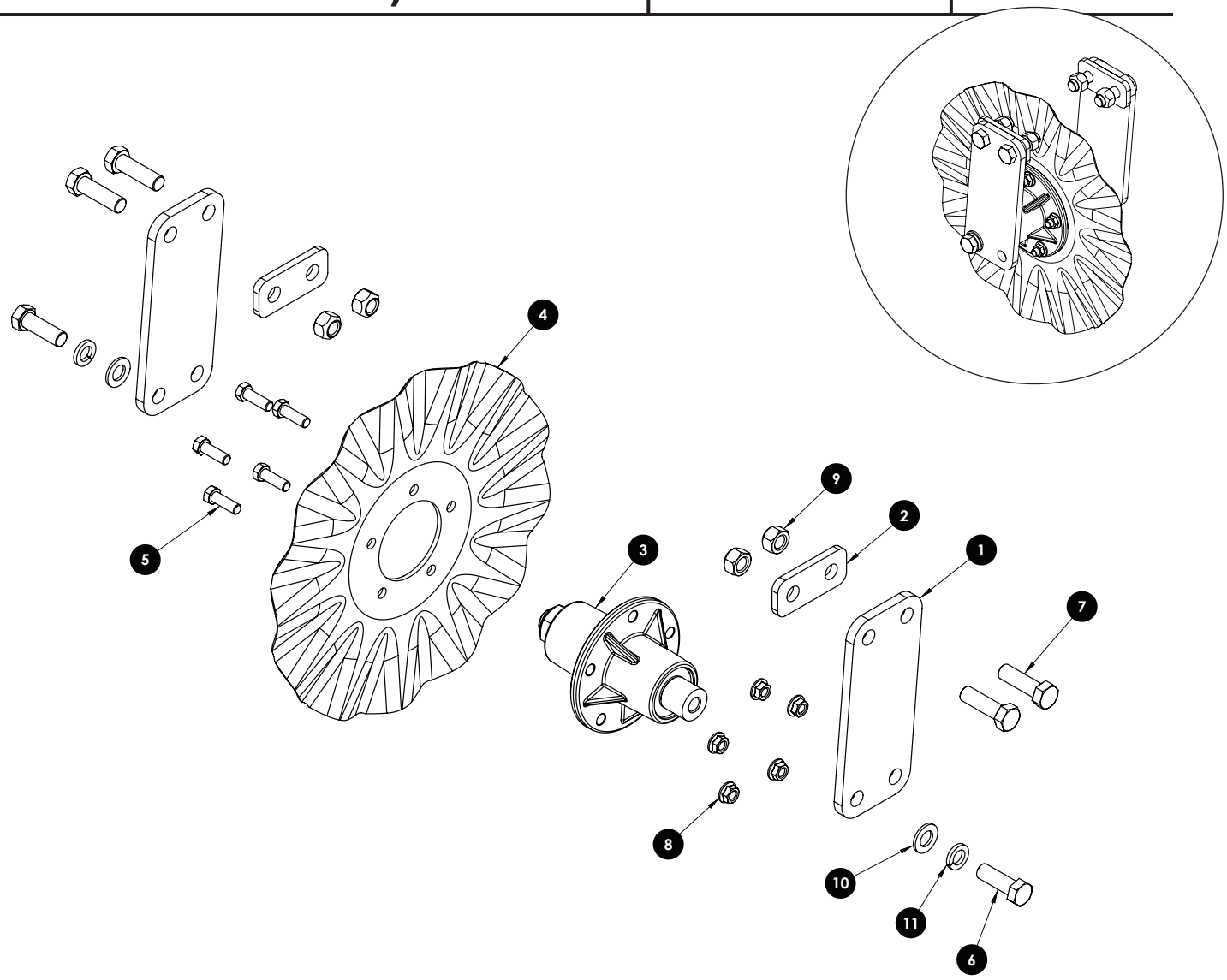
LEAD COULTER, INSERT HUB

ITEM NO. 106582



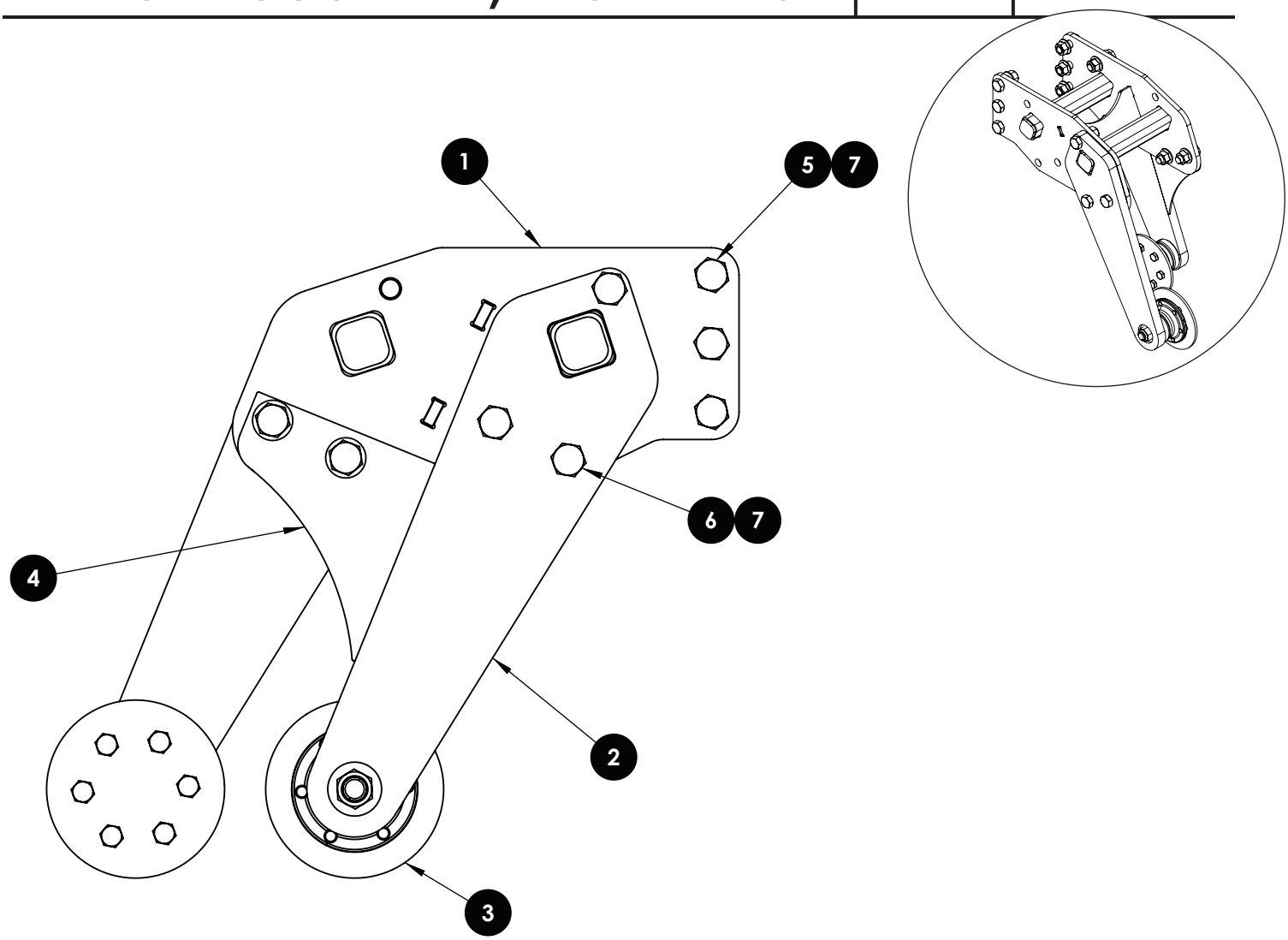
ITEM	PART NO.	QTY.	DESCRIPTION
1	**105836BK2**	1	WELD, LEAD COULTER ARM, EDGE, INSERT HUB
2	**105060**	1	KIT, INSERT HUB W/ HARDWARE
3	**105606BK2**	1	TUBE, RND, 1.250 X 0.234, 6.750 IN. LONG
4	**104721**	1	COULTER, 13 WAVE, 18.00 X 0.83 X 0.236 IN., 6-BOLT
5	**7748**	2	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
6	**9158**	1	BOLT, 0.750-10 UNC-2A X 11.000 HHCS, GR. 8
7	**9364**	3	NUT, 0.750-10 UNC-FLANGE LOCK, HEX GR. G, ZINC

LEAD COULTER, OIL BATH | ITEM NO. 105152



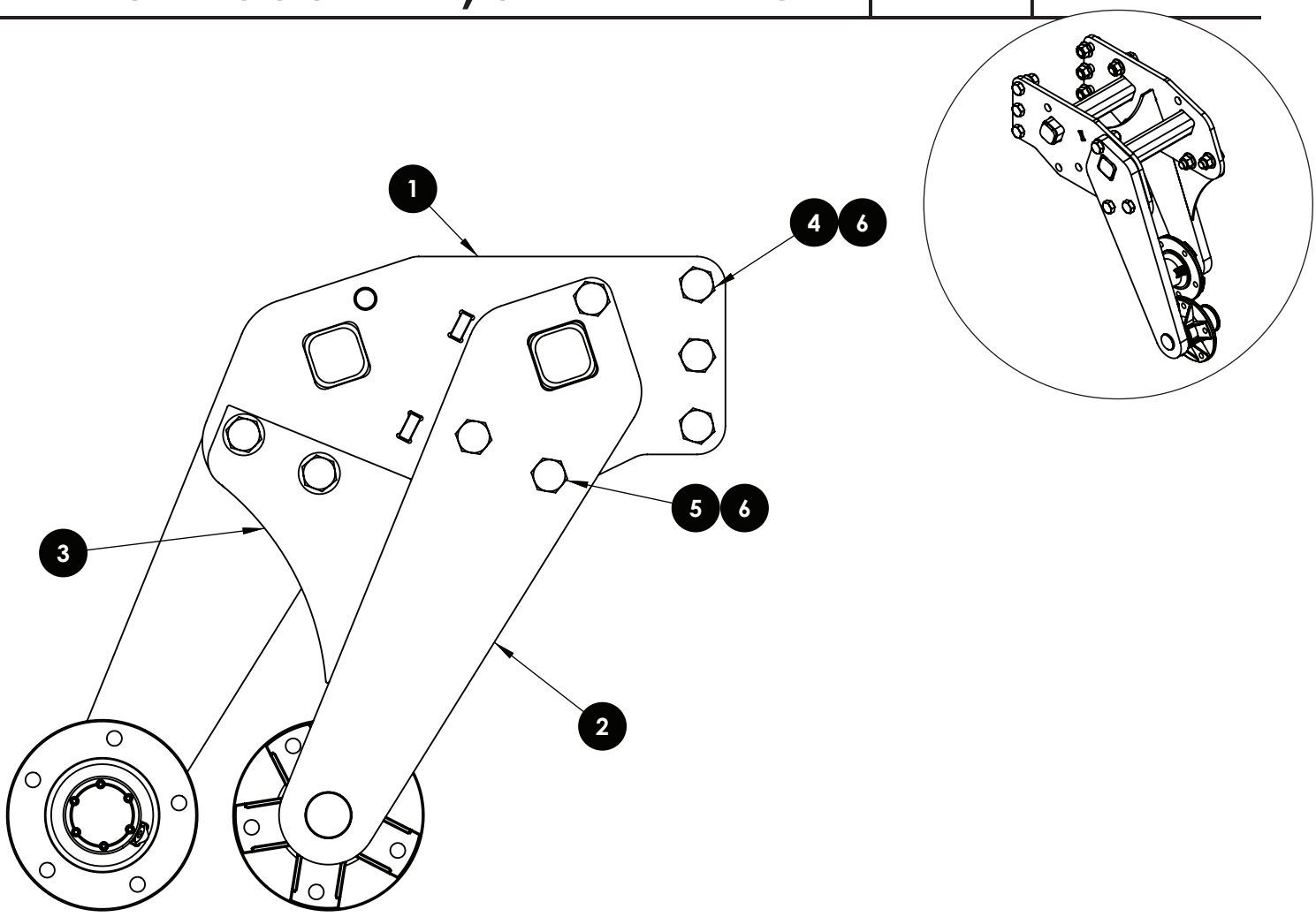
ITEM	PART NO.	QTY.	DESCRIPTION
1	**102766BK2**	2	PLATE, LEAD COULTER MOUNT
2	**102584BK2**	2	PLATE, SPACER, COULTER ARM, EDGE
3	**101330BK2**	1	ASSY., HUB, LEAD COULTER
4	**104187**	1	COULTER, 13 WAVE, 18.00 X 0.83 X 0.236IN.
5	**9366**	5	BOLT, 0.500-13 UNC-2A X 1.500 HHCS, GR. 8
6	**7139**	2	BOLT, 0.750-16 UNF-2A X 2.250 HHCS, GR. 8
7	**7748**	4	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
8	**7666**	5	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
9	**7481**	4	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
10	**9365**	2	WASHER, 0.750 FLAT SAE NARROW HARD
7	**8586**	2	WASHER, 0.750 LOCK, SPLIT, GR. 8

DUAL COULTER, INSERT HUB | ITEM NO. 105151



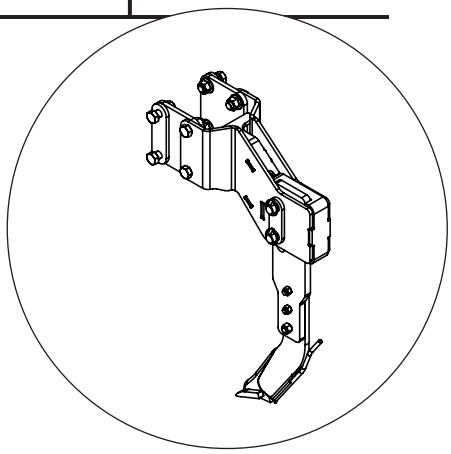
ITEM	PART NO.	QTY.	DESCRIPTION
1	**103009BK2**	1	WELD, DUAL COULTER TILLAGE MOUNT, EDGE ROW UNIT
2	**103836BK2**	2	PLATE, EDGE TILLAGE ARM, COUNTERBORED, INSERT HUB
3	**105060**	2	KIT, INSERT HUB W/ HARDWARE
4	**105779**	1	KIT, CORNER SHIELD, EDGE COULTER TILLAGE
5	**9235**	6	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
6	**7748**	6	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
7	**9364**	12	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC

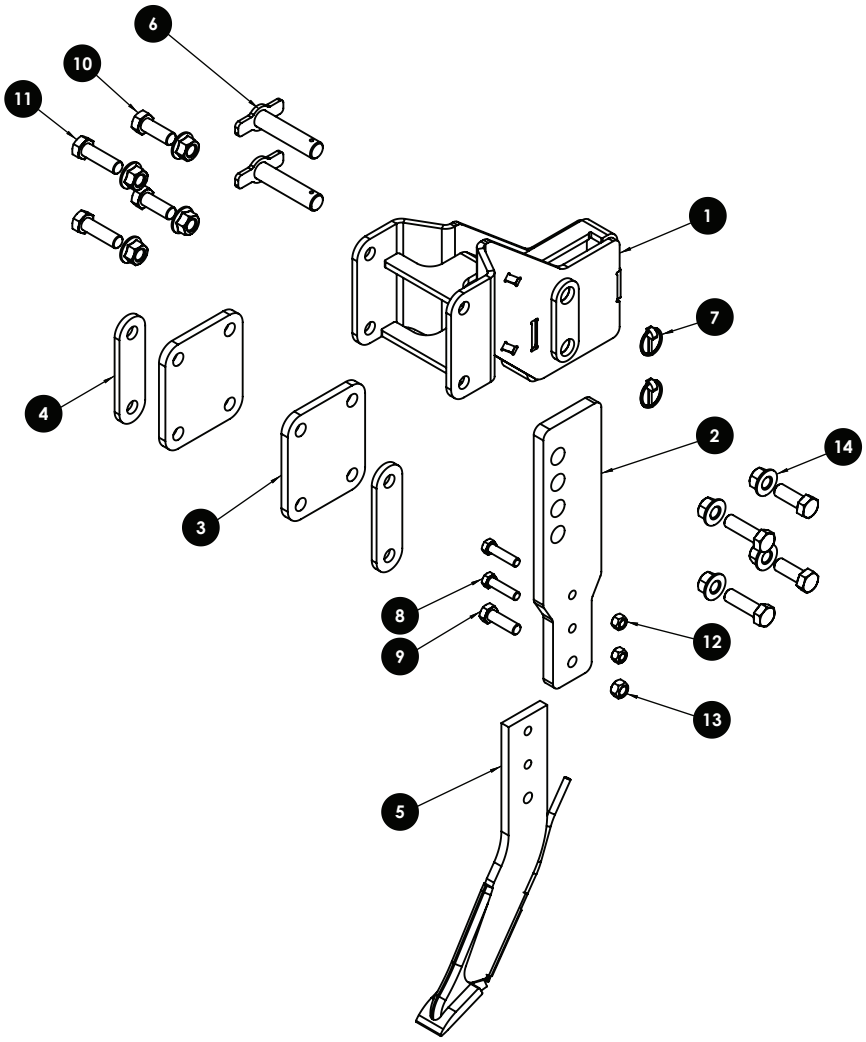
DUAL COULTER, OIL BATH HUB



ITEM	PART NO.	QTY.	DESCRIPTION
1	**103009BK2**	1	WELD, DUAL COULTER TILLAGE MOUNT, EDGE ROW UNIT
2	**103141BK2**	2	ASSY., TILLAGE ARM/HUB, EDGE ROW UNIT
3	**105779**	1	KIT, CORNER SHIELD, EDGE COULTER TILLAGE
4	**9235**	6	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
5	**7748**	6	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
6	**9364**	12	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC

SHANK TILLAGE ASSEMBLY | ITEM NO. 102768



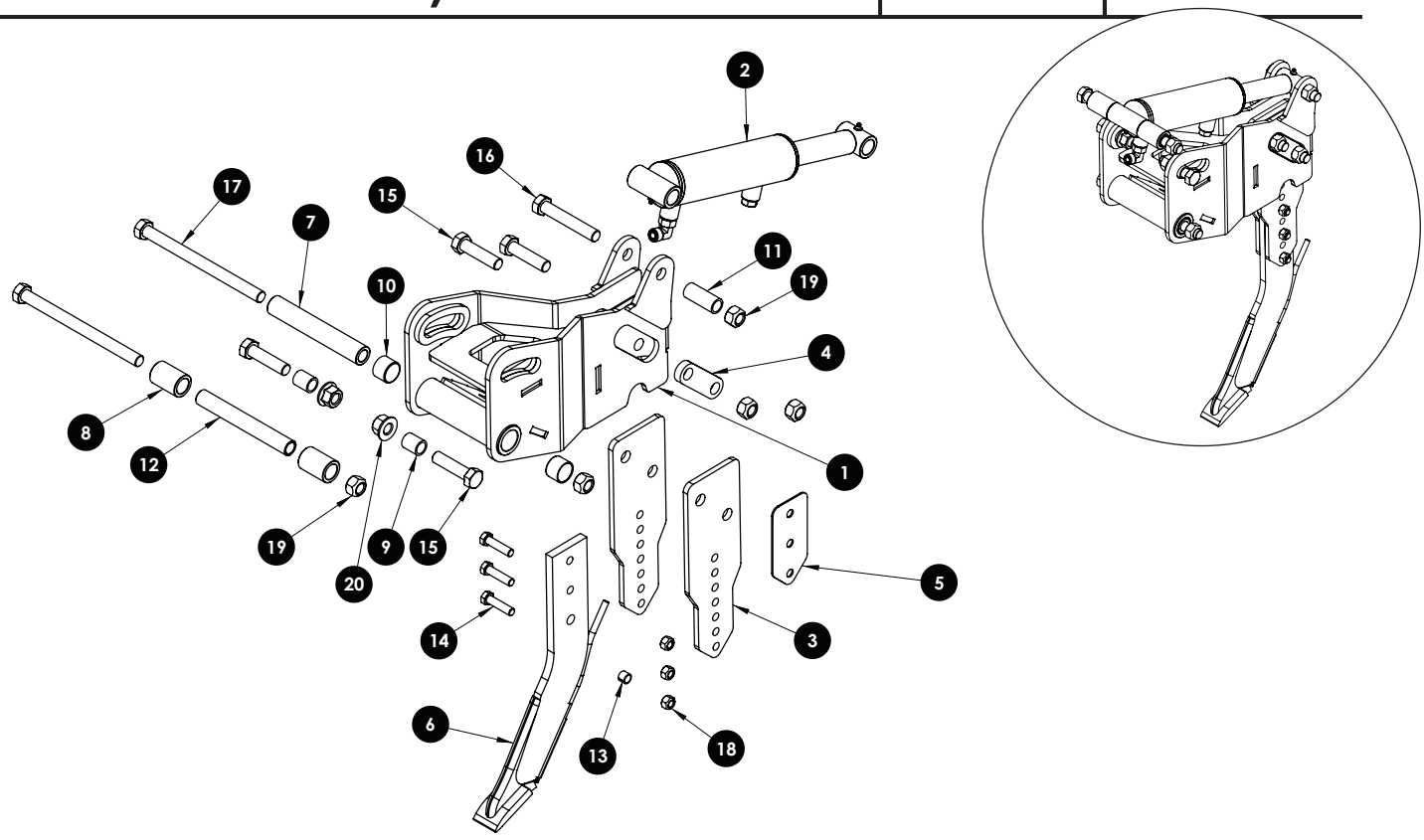


ITEM	PART NO.	QTY.	DESCRIPTION
1	**102769BK2**	1	WELD, SHANK ATTACHMENT
2	**102550BK2**	1	PLATE, SHANK MOUNT
3	**103514BK2**	2	PLATE, SHANK SETBACK, EDGE ROW UNIT
4	**103577BK2**	2	PLATE, SHANK SET BACK, SPACER
5	**103917**	1	KNIFE, FLARED, 0.375 IN. NH3 APPLICATOR TUBE
6	**103193**	2	WELD, SHANK PIN, EDGE
7	**7614**	2	LYNCH PIN, 0.188 DIAMETER X 1.313 USABLE LENGTH, YELLOW ZINC
8	**7789**	2	BOLT, 0.500-13 UNC-2A X 2.000 HHCS, GR. 8
9	**9368**	1	BOLT, 0.625-11 UNC-2A X 2.000 HHCS, GR. 8
10	**9235**	4	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
11	**7748**	4	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
12	**7623**	2	NUT, 0.500-13 UNC TOP LOCK, HEX GR. C, ZINC
13	**9292**	1	NUT, 0.625-11 UNC TOP LOCK, GR. C
14	**9364**	8	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC

SHANK RESET, EDGE

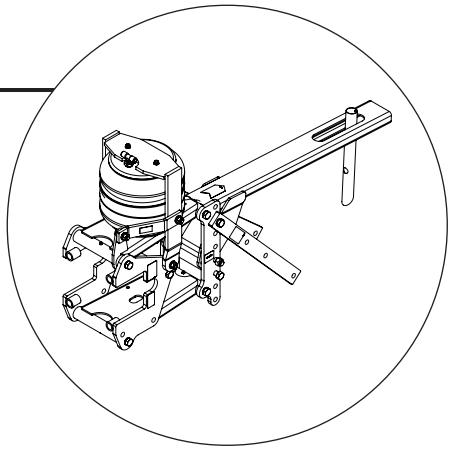
ITEM NO. 103550

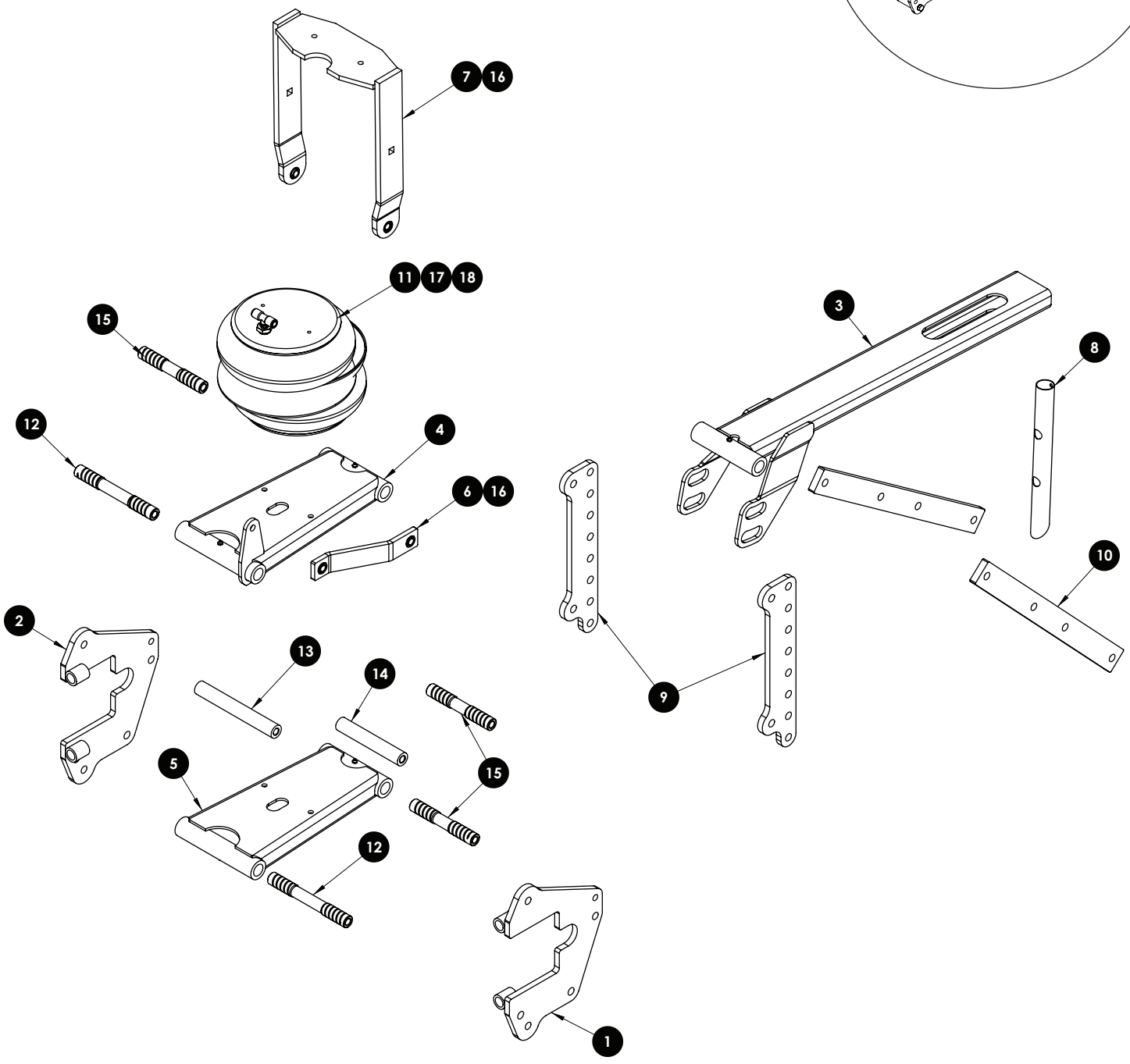
ROW UNIT ASSEMBLY



ITEM	PART NO.	QTY.	DESCRIPTION
1	**104026BK2**	1	WELD, SHANK MOUNT, HYDRAULIC RESET
2	**104042**	1	ASSY., HYD., SHANK RESET ROW UNIT
3	**104037BK2**	2	PLATE, SHANK, HYDRAULIC RESET
4	**104034BK2**	1	PLATE, HARDWARE SPACER, SHANK RESET
5	**104043BK2**	1	PLATE, SHIM, SHANK RESET
6	**103917**	1	KNIFE, FLARED, 0.375 IN. NH3 APPLICATOR TUBE
7	**102929**	1	TUBE, 1.248 OD X 0.782 ID, 7.750 IN. LONG, CASE HARDENED
8	**103564BK2**	2	TUBE, RND., 1.500 X 0.234, 2.160 IN. LONG
9	**101549BK2**	2	ROUND, 1.000 X 120 WALL X 1.1875 IN. LONG
10	**102963**	2	BEARING, PLASTIC, 1.250 IN. ID, 1.000 IN. LONG
11	**104035**	1	BUSHING, 1.000 X 0.120 WALL, 2.425 IN. LONG
12	**104036**	1	BUSHING, 1.000 X 0.120 WALL, 7.750 IN. LONG
13	**104198**	1	SLOTTED SPACER, 0.656 IN O.D. X 0.512 IN. I.D.
14	**7789**	3	BOLT, 0.500-13 UNC-2A X 2.000 HHCS, GR. 8
15	**7135**	4	BOLT, 0.750-10 UNC-2A X 3.000 HHCS, GR. 8
16	**6903**	1	BOLT, 0.750-10 UNC-2A X 4.500 HHCS, GR. 8
17	**9032**	2	BOLT, 0.750-10 UNC-2A X 10.000 HHCS, GR. 8
18	**7623**	3	NUT, 0.500-13 UNC TOP LOCK, HEX GR. C, ZINC
19	**7481**	5	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
20	**9364**	2	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC

SX BASE | ITEM NO. 105131

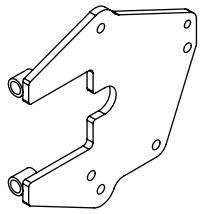




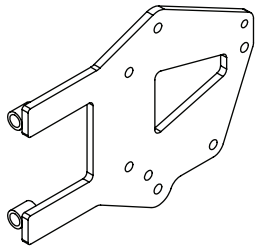
ITEM	PART NO.	QTY.	DESCRIPTION
1	**1471LYL1**	1	WELD, SIDE PLATE, SX, LEFT
2	**1471RYL1**	1	WELD, SIDE PLATE, SX, RIGHT
3	**1136YL1**	1	WELD, SW CC TUBE
4	**1473YL1**	1	LINK, PARALLEL, TOP
5	**1472YL1**	1	LINK, PARALLEL, BOTTOM
6	**1320YL1**	1	ASSEMBLY, AIR BAG LINK
7	**1319YL1**	1	ASSY., AIR BAG SADDLE, SX, WITH BUSHINGS
8	**105189**	1	ASSY, FERT TUBE, 1.75 IN. O.D., SX, SS
9	**4106YL1**	2	PLATE, REAR MOUNT, PARALLEL LINK
10	**3452YL1**	2	BAR, TOP ARM, SX ROW UNIT
11	**8692**	1	AIRBAG, O.D. 13.10 IN. MAX., 5.00-16.00 IN. WORKING HEIGHT
12	**3431**	2	PIN, PARALLEL LINK, FRONT
13	**4111YL1**	1	SHAFT, C-CLAMP SPACER
14	**4122YL1**	1	SHAFT, PARALLEL LINK SPACER
15	**4121**	3	PIN, 1.250 CC PP, 8.250 LONG
16	**4113**	4	BUSHING, 0.875 X 0.125, 0.750 IN.
17	**8035**	1	REDUCER BUSHING, 0.750 MNPT X 0.375 FNPT
18	**8491**	1	FITTING, AIR, BRANCH TEE, 0.500 TUBE X 0.375 NPT
19	**7750**	5	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
20	**6946**	1	DECAL, ETS CHEVRON, SMALL, 4.00 X 2.25
21	**9351**	1	LABEL, U.S. FLAG, 1.00 X 2.00
22	**9449**	1	LABEL, FEMA, 1.50 X 2.50
23	**9314**	3	LABEL, DANGER/BLOODY FINGERS, 2.00 X 3.00
24	**9767**	1	LABEL, DEEP/SHALLOW, 4.00 X 2.00
25	**9311**	1	LABEL, GREASE, 2.00 X 1.00
26	**9312**	1	LABEL, 5 PLACES, 1.00 DIA.
27	**9583**	1	LABEL, ENVIRONMENTAL TILLAGE SYSTEMS INFO, 4.00 X 2.00
28	**8498**	2	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
29	**9986**	2	BOLT, 0.375-16 UNC-2A X 3.250 HHSF, GR. 5
30	**9368**	1	BOLT, 0.625-11 UNC-2A X 2.000 HHCS, GR. 8
31	**9004**	1	BOLT, 0.625-11 UNC-2A X 2.25 RD HD SQR NECK CARRIAGE
32	**7218**	2	BOLT, 0.625-11 UNC-2A X 2.250 HHCS, GR. 8
33	**7747**	10	BOLT, 0.750-10 UNC-2A X 2.250 HHCS, GR. 8
34	**7748**	4	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
35	**9158**	1	BOLT, 0.750-10 UNC-2A X 11.000 HHCS, GR. 8
36	**10063**	1	4 NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC
37	**7481**	1	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
38	**7411**	10	WASHER 0.750 3/4 NORD LOCK

SX SETBACKS + RH LINK

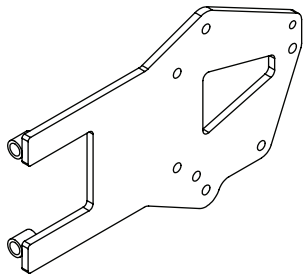
5″ SETBACK (OVERALL LENGTH 17.438″)	
LEFT	**1481LYL1**
RIGHT	**1481RYL1**



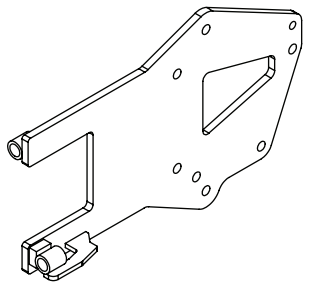
11″ SETBACK (OVERALL LENGTH 23.438″)	
LEFT	**101865YL1**
RIGHT	**101866YL1**



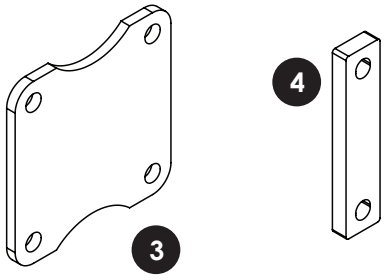
16″ SETBACK (OVERALL LENGTH 28.438″)	
LEFT	**101871YL1**
RIGHT	**101872YL1**



16″ SETBACK FOR 20″ ROW SPACING (OVERALL LENGTH 28.438″)	
LEFT	**103534YL1**
RIGHT	**103533YL1**

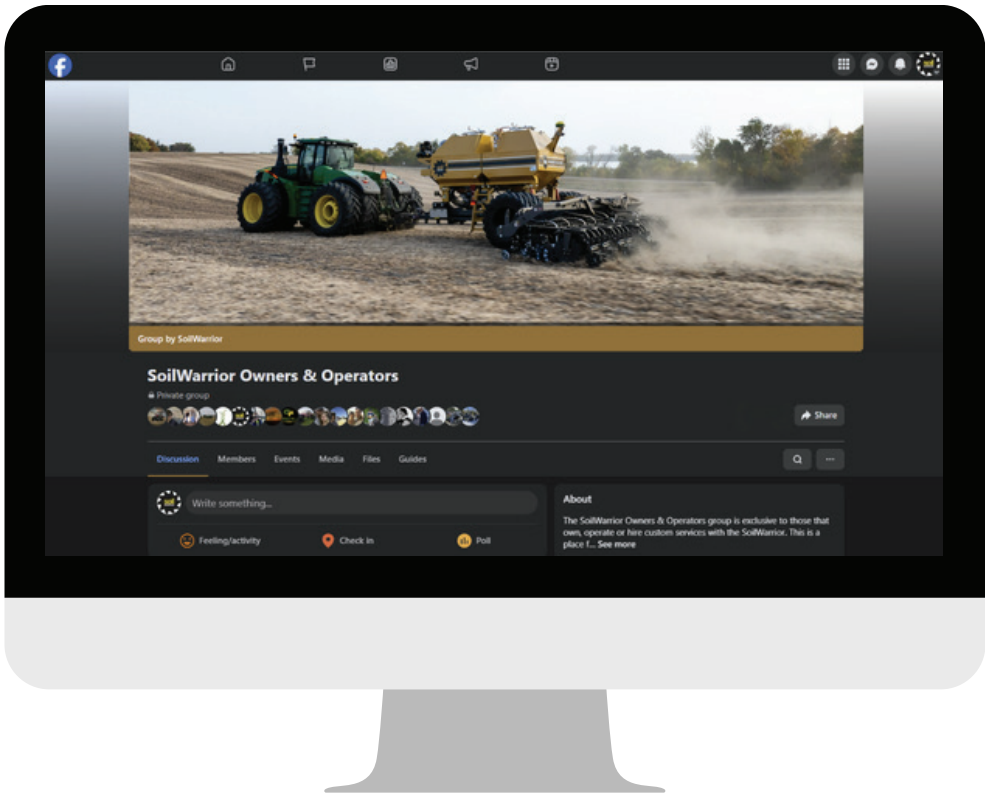


❶	**4111YL1**	SPACER FOR 11" AND 16" SETBACKS
❷	**1473RYL1**	RIGHT HAND TAB PARALLEL LINK
❸	**4117BK2**	PLATE, C-CLAMP MOUNT
❹	**4063BK2**	FLAT, C-CLAMP STRAP



JOIN OUR OWNER & OPERATOR GROUP

ON FACEBOOK



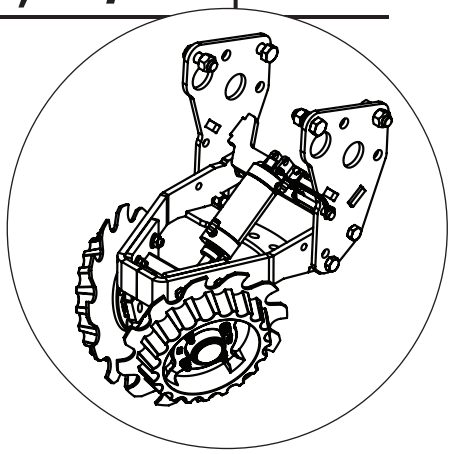
Scan to Join!

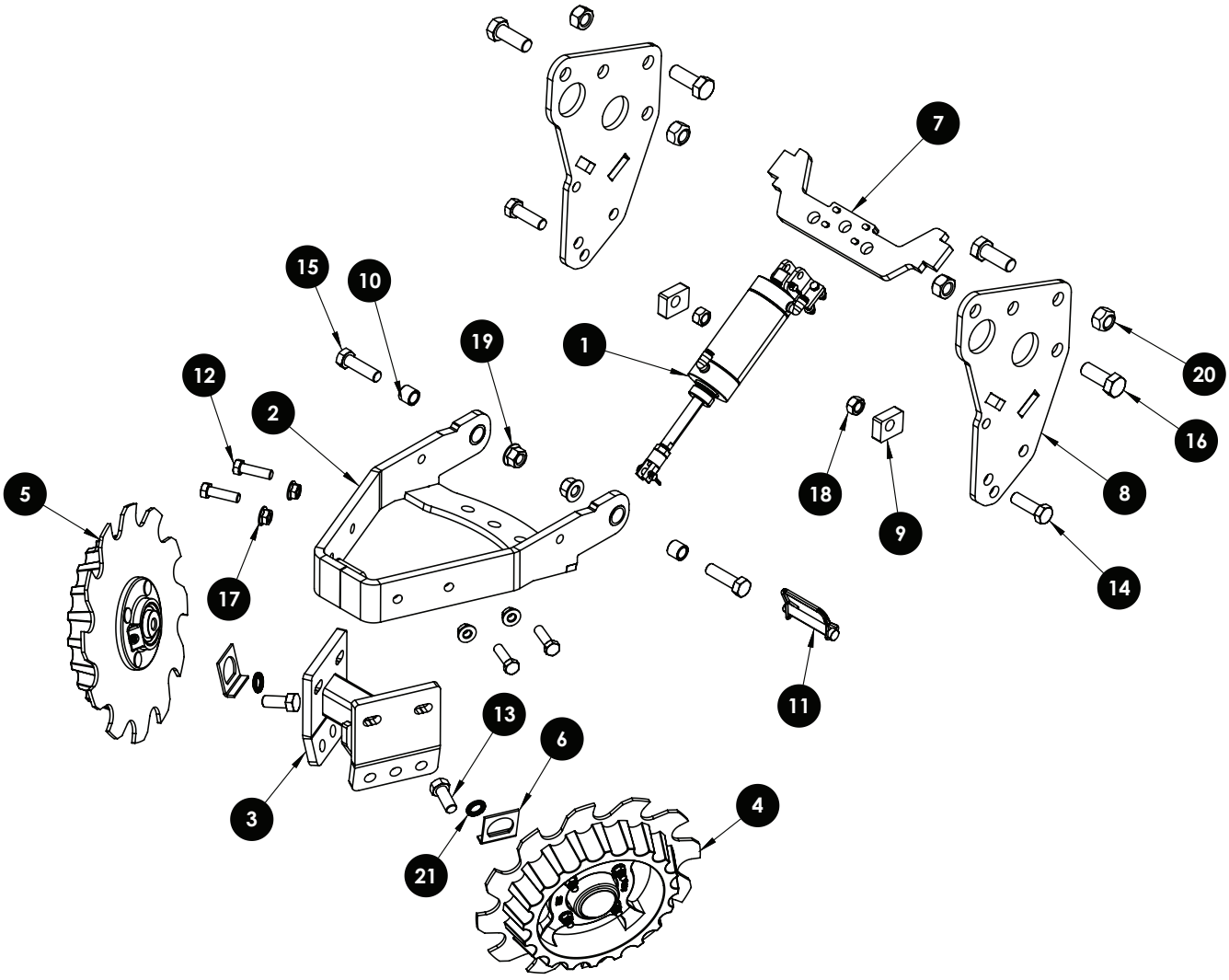
Connect with other SoilWarrior owners & operators to share ideas, ask questions, and learn more about strip-tillage.

Follow SoilWarrior

soilwarrior.com
507-332-2231

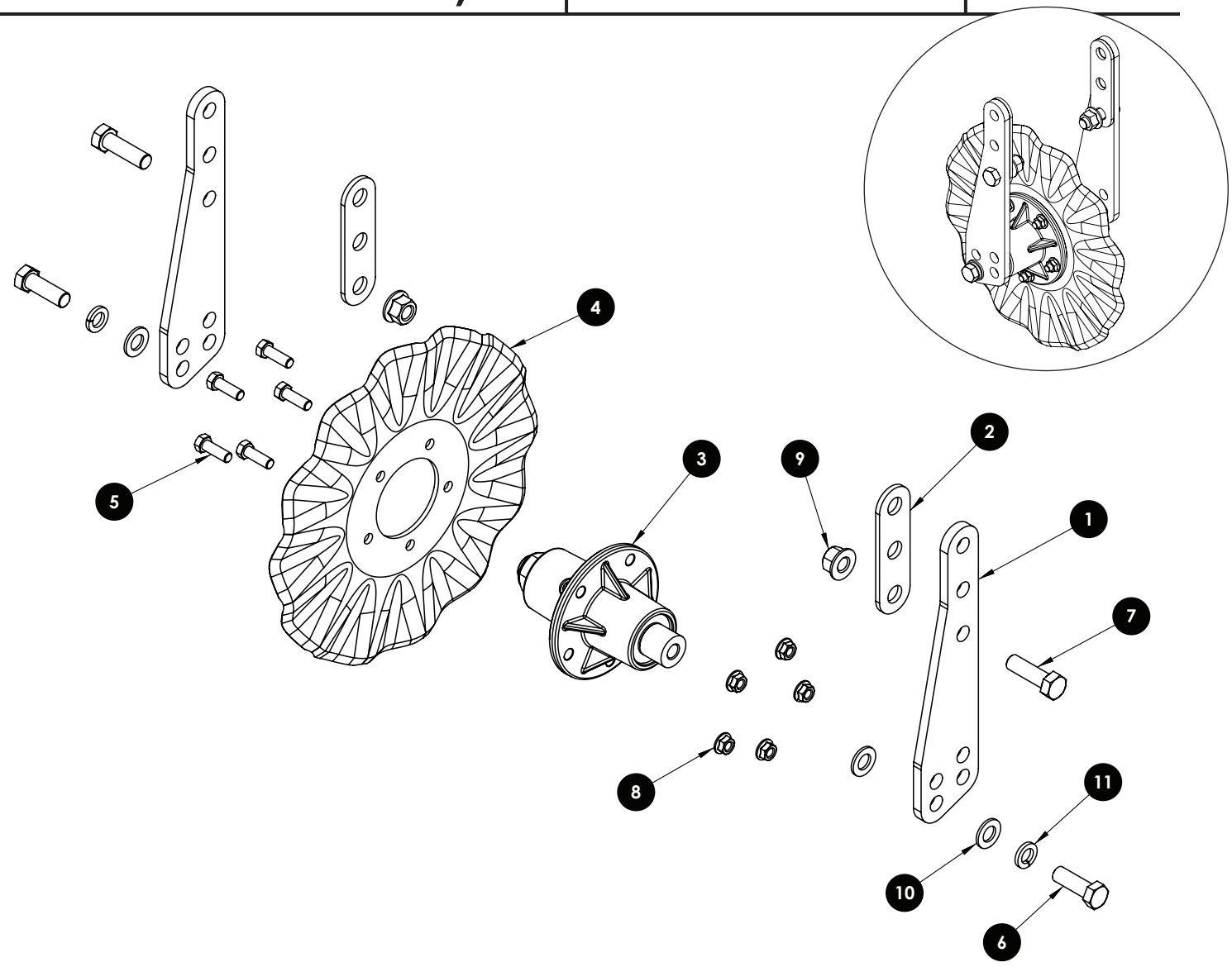
ZONE CLEANER, PNEUMATIC CYLINDER, SX/SN | ITEM NO. 102684



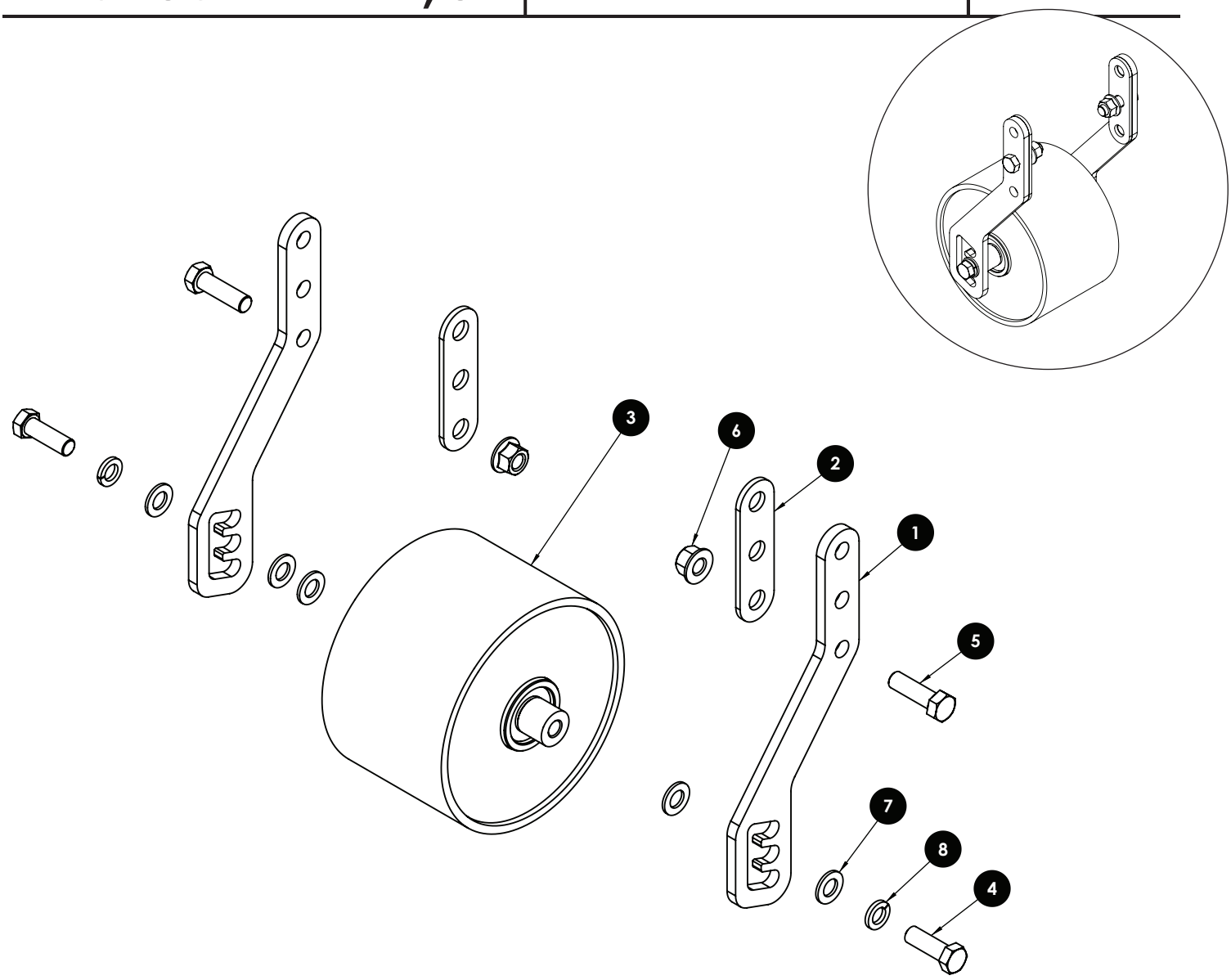


ITEM	PART NO.	QTY.	DESCRIPTION
1	**102410**	1	ASSY., CYL., PNEUMATIC
2	**102507BK2**	1	WELD, ZONE CLEANER A-FRAME, PNEU. CYL.
3	**102485BK2**	1	WELD, ZONE CLEANER MOUNT, PNEUMATIC CYLINDER
4	**1367EL**	1	KIT, ROW CLEANER HUB,ETS BLADE, LEFT
5	**1367ER**	1	KIT, ROW CLEANER HUB, ETS BLADE, RIGHT
6	**102213**	2	PLATE, ANTI-ROTATION, ZONE CLEANER, SS
7	**102484YL1**	1	PLATE, BASE MOUNT, PNEUMATIC CYL.
8	**102210YL1**	2	PLATE, ROW CLEANER MOUNT, PNEUMATIC CYL.
9	**6999GY1**	2	PLATE, DOWN STOP, ROW CLEANER
10	**4113**	2	BUSHING, 0.875 X 0.125, 0.750 IN.
11	**102696**	1	PIN, LOCKING, 0.500 X 3.00, SQUARE WIRE
12	**7100**	4	BOLT, 0.500-13 UNC-2A X 1.750 HHCS, GR. 8
13	**7669**	2	BOLT, 0.625-11 UNC-2A X 1.500 HHCS, GR. 8
14	**9368**	2	BOLT, 0.625-11 UNC-2A X 2.000 HHCS, GR. 8
15	**7163**	2	BOLT, 0.625-11 UNC-2A X 2.250 HHCS, GR. 5
16	**9235**	4	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
17	**7666**	4	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
18	**9292**	2	NUT, 0.625-11 UNC TOP LOCK, GR. C
19	**100631**	2	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC
20	**7481**	4	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
21	**7982**	2	WASHER, 0.625 NORD LOCK

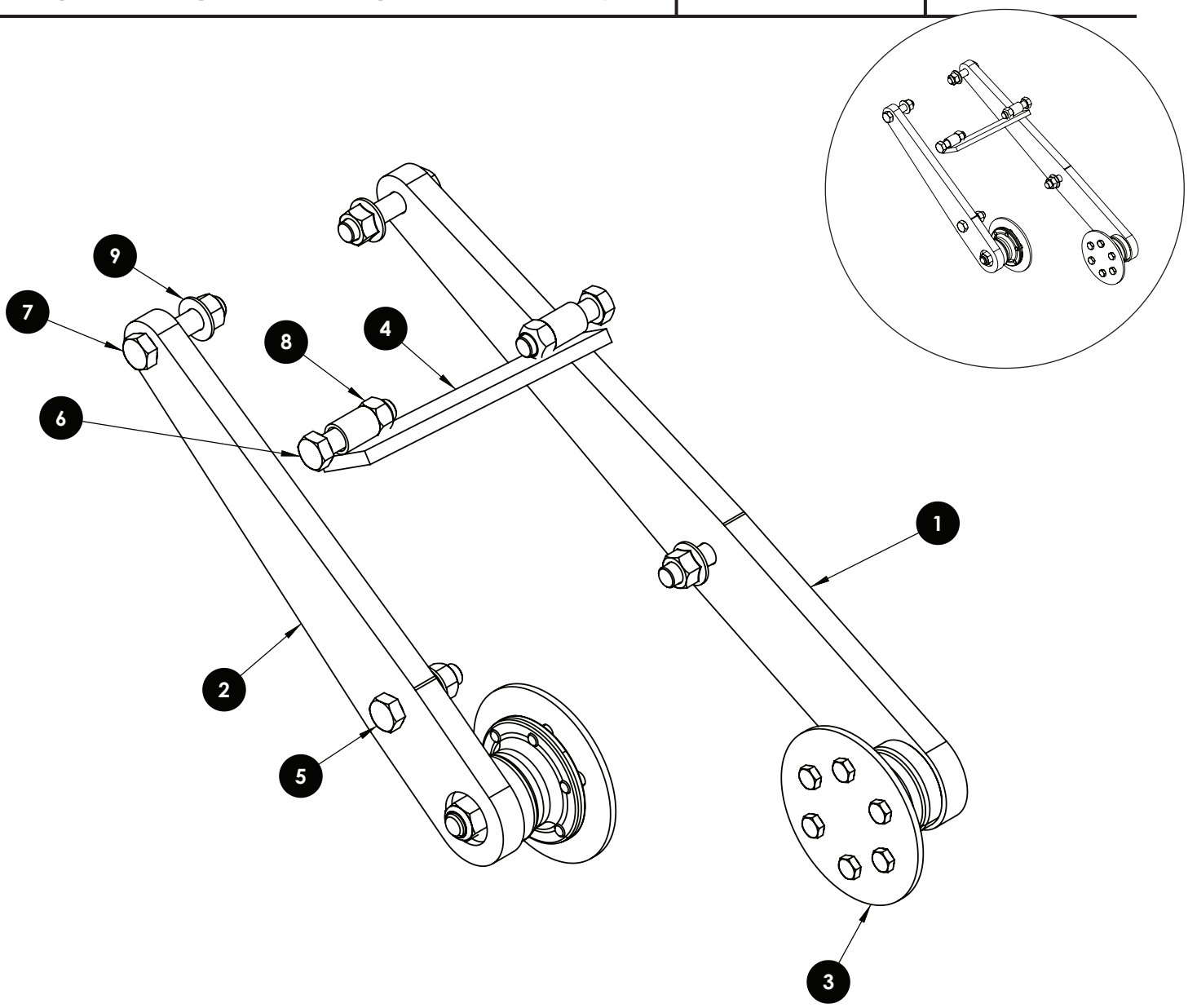
LEAD COULTER, SX | ITEM NO. 105140



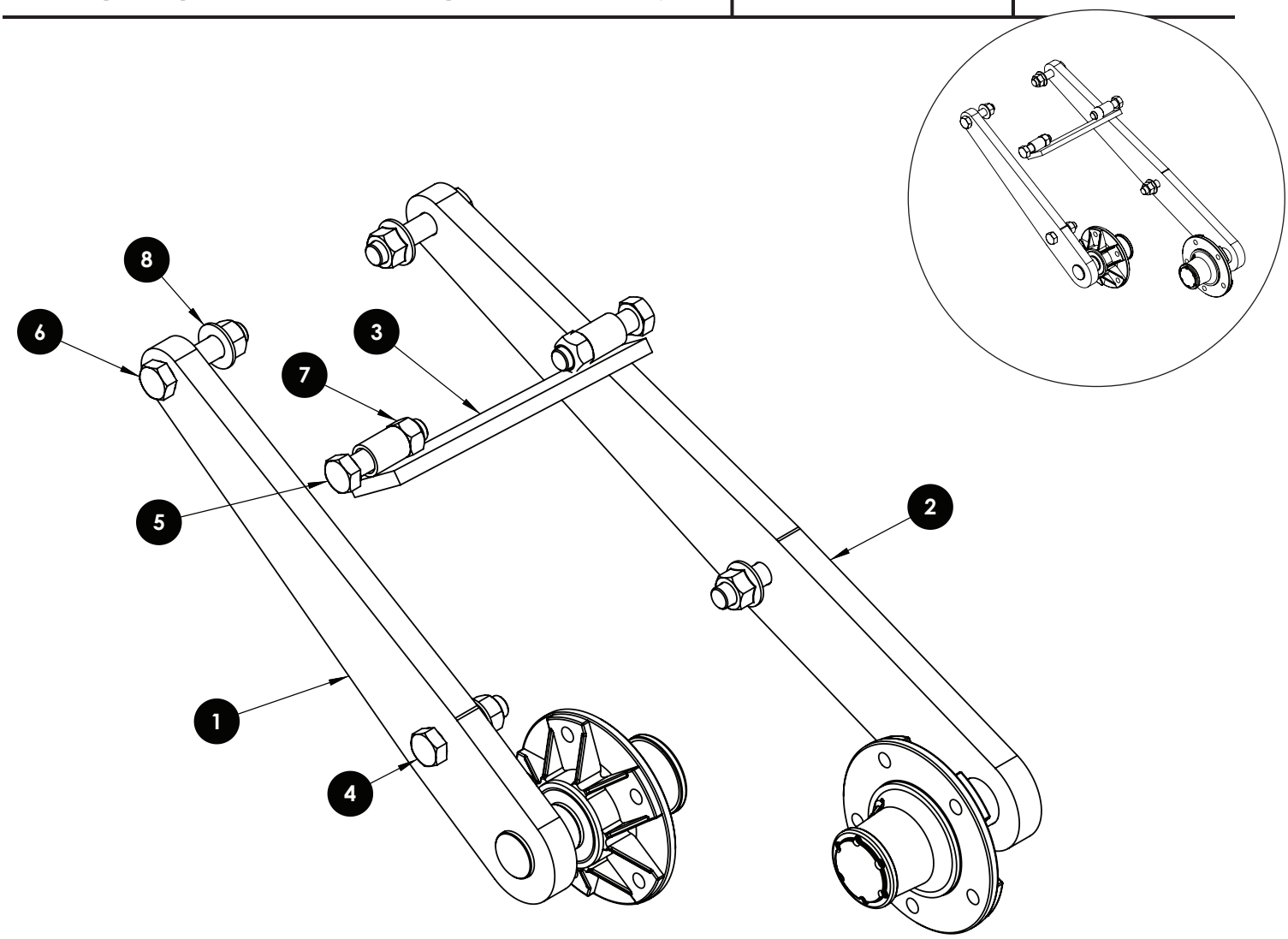
ITEM	PART NO.	QTY.	DESCRIPTION
1	**101334YL1**	2	PLATE, LEAD COULTER ARM
2	**3442YL1**	2	PLATE, SPACER, GAUGE WHEEL
3	**101330BK3**	1	ASSY., HUB, LEAD COULTER
4	**104079**	1	COULTER, 13 WAVE, 17.00 X 0.83 X 0.236IN.
5	**9366**	5	BOLT, 0.500-13 UNC-2A X 1.500 HHCS, GR. 8
6	**7139**	2	BOLT, 0.750-16 UNF-2A X 2.250 HHCS, GR. 8
7	**7748**	2	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
8	**7666**	5	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
9	**9364**	2	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
10	**9365**	5	WASHER, 0.750 FLAT SAE NARROW HARD
11	**8586**	2	WASHER, 0.750 LOCK, SPLIT, GR. 8



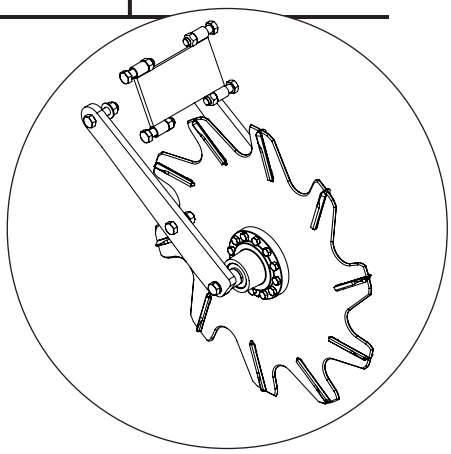
ITEM	PART NO.	QTY.	DESCRIPTION
1	**3443YL1**	2	PLATE, GAUGE WHEEL ARM
2	**3442YL1**	2	PLATE, SPACER, GAUGE WHEEL
3	**1297**	1	ASSY., GAUGE WHEEL AND SPINDLE
4	**7139**	2	BOLT, 0.750-16 UNF-2A X 2.250 HHCS, GR. 8
5	**7748**	2	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
6	**9364**	2	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
7	**9365**	5	WASHER, 0.750 FLAT SAE NARROW HARD
8	**8586**	2	WASHER, 0.750 LOCK, SPLIT, GR. 8

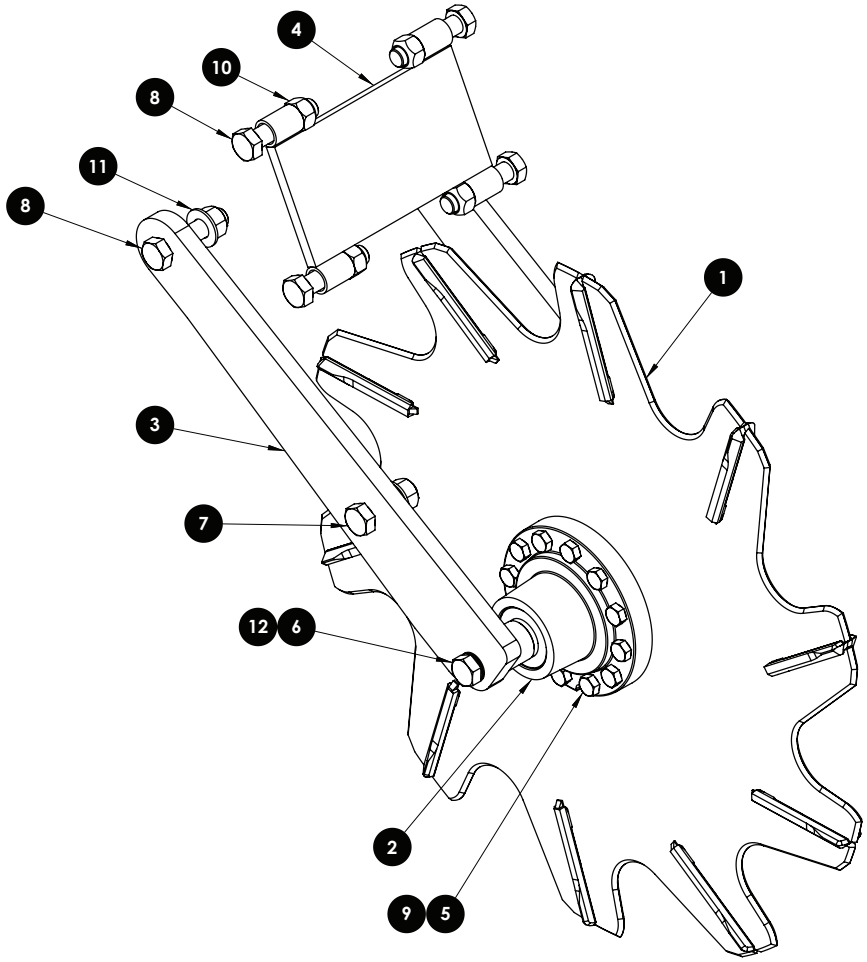


ITEM	PART NO.	QTY.	DESCRIPTION
1	**103723YL1**	1	PLATE, SX TILLAGE ARM, LONG, INSERT HUB
2	**103727YL1**	1	PLATE, SX TILLAGE ARM, SHORT, INSERT HUB
3	**105060**	2	KIT, INSERT HUB W/ HARDWARE
4	**1152YL1**	1	WELD, TIE BAR, SX SHALLOW
5	**7135**	2	BOLT, 0.750-10 UNC-2A X 3.000 HHCS, GR. 8
6	**9236**	2	BOLT, 0.750-10 UNC-2A X 3.250 HHCS, GR. 8
7	**7134**	2	BOLT, 0.750-10 UNC-2A X 3.500 HHCS, GR. 8
8	**7481**	2	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
9	**9364**	4	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC



ITEM	PART NO.	QTY.	DESCRIPTION
1	**103236YL1**	1	TILLAGE ARM/HUB ASSY., SX SHALLOW, SHORT
2	**103237YL1**	1	TILLAGE ARM/HUB ASSY., SX SHALLOW, LONG
3	**1152YL1**	1	WELD, TIE BAR, SX SHALLOW
4	**7135**	2	BOLT, 0.750-10 UNC-2A X 3.000 HHCS, GR. 8
5	**9236**	2	BOLT, 0.750-10 UNC-2A X 3.250 HHCS, GR. 8
6	**7134**	2	BOLT, 0.750-10 UNC-2A X 3.500 HHCS, GR. 8
7	**7481**	2	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
8	**9364**	4	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC





ITEM	PART NO.	QTY.	DESCRIPTION
1	**2602**	1	ASSY, COG AND BITS, SX DEEP
2	**1139BK2**	1	HUB ASSY, SX DEEP TILLAGE
3	**3461YL1**	2	ARM, SX DEEP
4	**1252YL1**	1	WELD, TIE BAR, SX DEEP
5	**7789**	12	BOLT, 0.500-13 UNC-2A X 2.000 HHCS, GR. 8
6	**7139**	2	BOLT, 0.750-16 UNF-2A X 2.250 HHCS, GR. 8
7	**7748**	2	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
8	**9236**	6	BOLT, 0.750-10 UNC-2A X 3.250 HHCS, GR. 8
9	**7666**	12	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
10	**7481**	4	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
11	**9364**	4	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
12	**7411**	2	WASHER 0.750 3/4 NORD LOCK
13	**3406**	10	BIT, DEEP TILAGE

NEED SERVICE OR PARTS?

WE'RE HERE TO HELP



Scan to Request

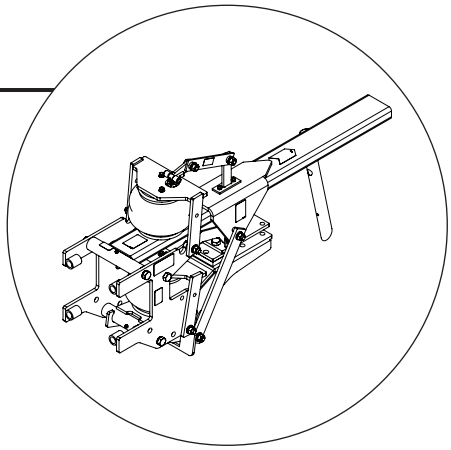
Visit our support page to request service or order parts.

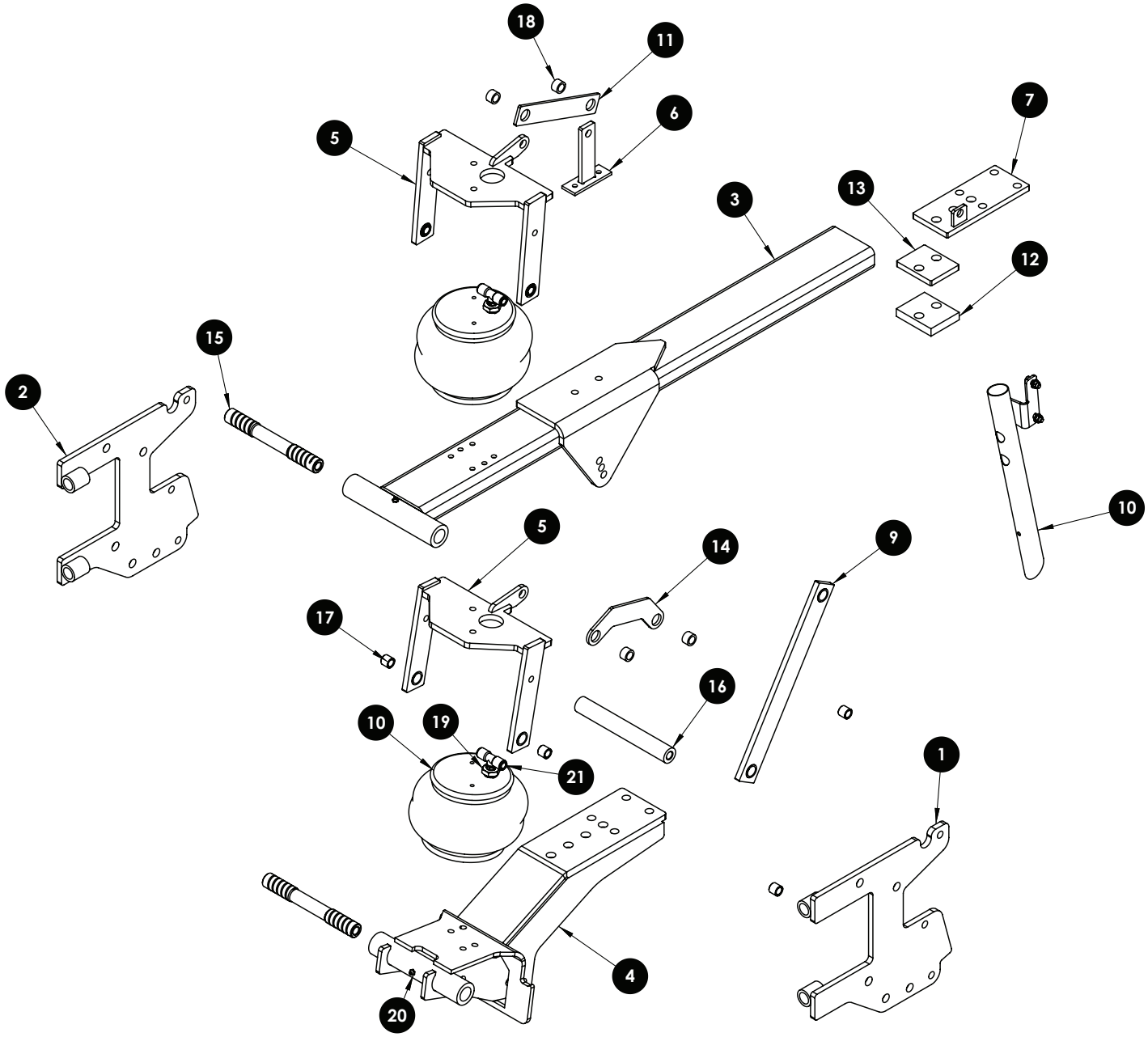
Follow SoilWarrior

soilwarrior.com

507-332-2231

SN, BASE | ITEM NO. 105164

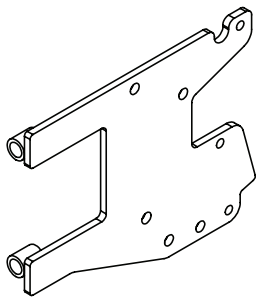




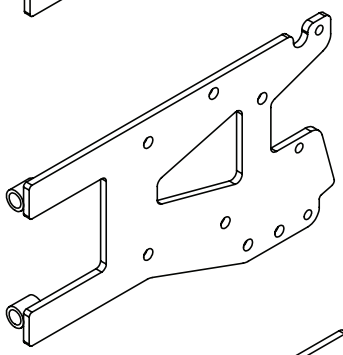
ITEM	PART NO.	QTY.	DESCRIPTION
1	**1303LYL1**	1	WELD, SIDE PLATE, SN, LEFT
2	**1303RYL1**	1	WELD, SIDE PLATE, SN, RIGHT
3	**1304YL1**	1	WELD, MW CC TUBE
4	**100270YL1**	1	WELD, SN TILLAGE ARM MOUNT
5	**1317YL1**	2	WELD, AIR BAG SADDLE, SN
6	**1309YL1**	1	WELD, AIR BAG TILT MOUNT
7	**6317YL1**	1	WELD, SWN EXT. TOP MOUNT
8	**7857**	2	AIRBAG, O.D. 9.90 IN. MAX., 4.00-9.00 IN. WORKING HEIGHT
9	**1316YL1**	1	ASSY., SW LINK ARN AND BUSHINGS
10	**105192**	1	ASSY, FERT TUBE, 1.75 IN. O.D., SN, SS
11	**3747YL1**	1	FLAT LINK, AIR BAG SADDLE
12	**6315YL1**	1	FLAT, 0.750 X 4.0, SWN EXT. SPACER
13	**103341YL1**	1	PLATE, SN SHANK SPACER, 0.500 IN.
14	**5633YL1**	1	PLATE, AIRBAG LINK, SN, LOWER
15	**3431**	2	PIN, PARALLEL LINK, FRONT
16	**4111YL1**	1	SHAFT, C-CLAMP SPACER
17	**4113**	6	BUSHING, 0.875 X 0.125, 0.750 IN.
18	**3732**	4	BUSHING, 1.000 X 0.156, 0.625 IN. LONG
19	**8035**	2	REDUCER BUSHING, 0.750 MNPT X 0.375 FNPT
20	**7750**	2	ZERK, GREASE, 0.375-24 UNF-2A STRAIGHT
21	**8491**	2	FITTING, AIR, BRANCH TEE, 0.500 TUBE X 0.375 NPT
22	**9314**	2	LABEL, DANGER/BLOODY FINGERS, 2.00 X 3.00
23	**9583**	1	LABEL, ENVIRONMENTAL TILLAGE SYSTEMS INFO, 4.00 X 2.00
24	**9449**	1	LABEL, FEMA, 1.50 X 2.50
25	**9351**	1	LABEL, U.S. FLAG, 1.00 X 2.00
26	**9311**	1	LABEL, GREASE, 2.00 X 1.00
27	**6946**	1	DECAL, ETS CHEVRON, SMALL, 4.00 X 2.25
28	**8498**	6	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
29	**7147**	2	BOLT, 0.375-16 UNC-2A X 2.500, HHCS GR. 8
30	**104270**	2	BOLT, 0.375-16 UNC-2A X 3.250 HHCS, GR. 8
31	**9182**	4	BOLT, 0.625-11 UNC-2A X 1.750 HHCS, GR. 5
32	**7218**	6	BOLT, 0.625-11 UNC-2A X 2.250 HHCS, GR. 8
33	**7233**	1	BOLT, 0.625-11 UNC-2A X 3.000 HHCS, GR. 8
34	**7747**	7	BOLT, 0.750-10 UNC-2A X 2.250 HHCS, GR. 8
35	**7134**	2	BOLT, 0.750-10 UNC-2A X 3.500 HHCS, GR. 8
36	**7792**	2	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
37	**100631**	11	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC
38	**7481**	1	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
39	**9364**	2	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
40	**7458**	1	WASHER, 0.750 FLAT USS HARD
41	**7411**	4	WASHER 0.750 3/4 NORD LOCK

SN SETBACKS

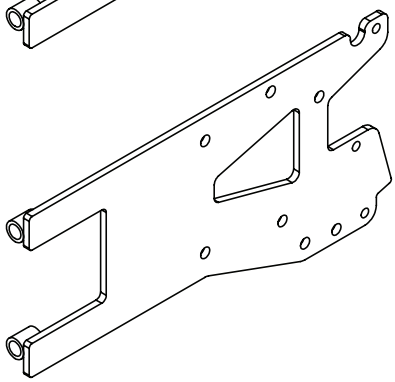
4″ SETBACK (OVERALL LENGTH 19.745″)	
LEFT	**1295LYL1**
RIGHT	**1295RYL1**

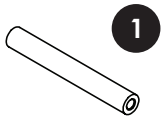


11″ SETBACK (OVERALL LENGTH 26.745″)	
LEFT	**101862YL1**
RIGHT	**101863YL1**

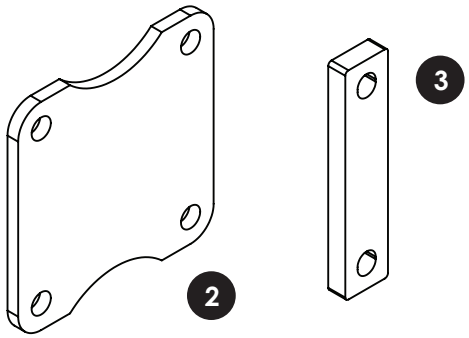


16″ SETBACK (OVERALL LENGTH 31.745″)	
LEFT	**101868YL1**
RIGHT	**101869YL1**





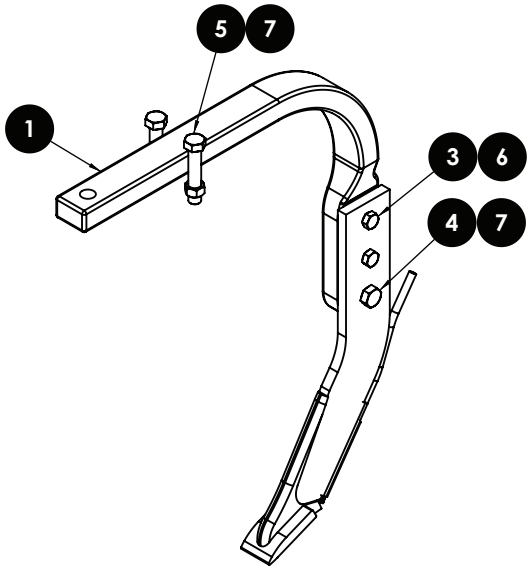
❶	**4111YL1**	SPACER FOR 11" AND 16" SETBACKS
❷	**4117BK2**	PLATE, C-CLAMP MOUNT
❸	**4063BK2**	FLAT, C-CLAMP STRAP



SHANK

ITEM NO. 105181

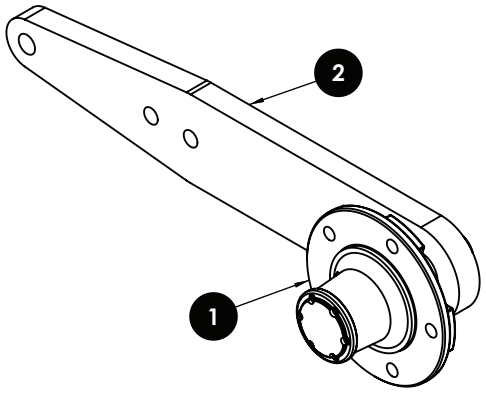
ITEM	PART NO.	QTY.	DESCRIPTION
1	**100507GY1**	1	SHANK, 18.375 X 13.5, 90 DEG. RADIUS
2	**103917**	1	KNIFE, FLARED, 0.375 IN. NH3 APPLICATOR TUBE
3	**9375**	2	BOLT, 0.500-13 UNC-2A X 2.500 HHCS, GR. 8
4	**6930**	1	BOLT, 0.625-11 UNC-2A X 2.500 HHCS, GR. 8
5	**9745**	2	BOLT, 0.625-11 UNC-2A X 3.250 HHCS, GR. 8
6	**7623**	2	NUT, 0.500-13 UNC TOP LOCK, HEX GR. C, ZINC
7	**9292**	3	NUT, 0.625-11 UNC TOP LOCK, GR. C



OIL BATH

ITEM NO. 2612

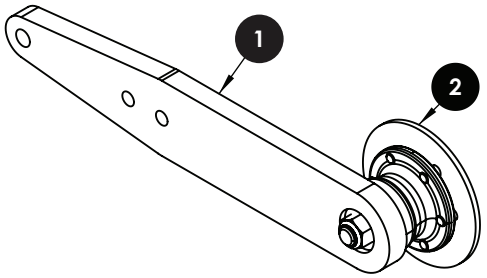
ITEM	PART NO.	QTY.	DESCRIPTION
1	**1143BK3**	1	HUB, 5-BOLT, 4.00 IN. PILOT, 5.50 IN. BOLT CIRCLE
2	**1308YL1**	1	WELD, TILLAGE ARM, SN



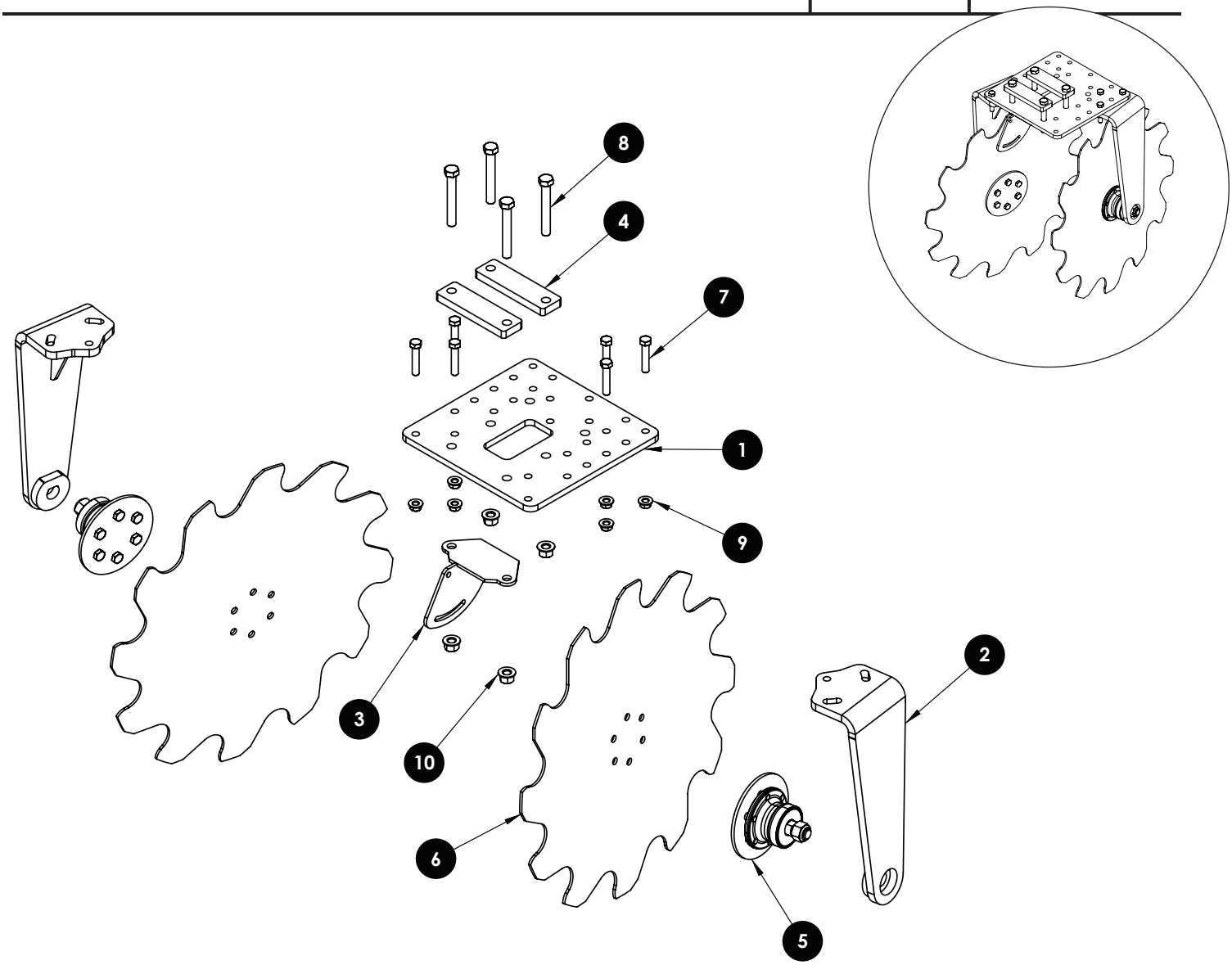
INSERT HUB

ITEM NO. 104482

ITEM	PART NO.	QTY.	DESCRIPTION
1	**104277YL1**	1	PLATE, SN TILLAGE ARM, INSERT HUB
2	**105060**	1	KIT, INSERT HUB W/ HARDWARE

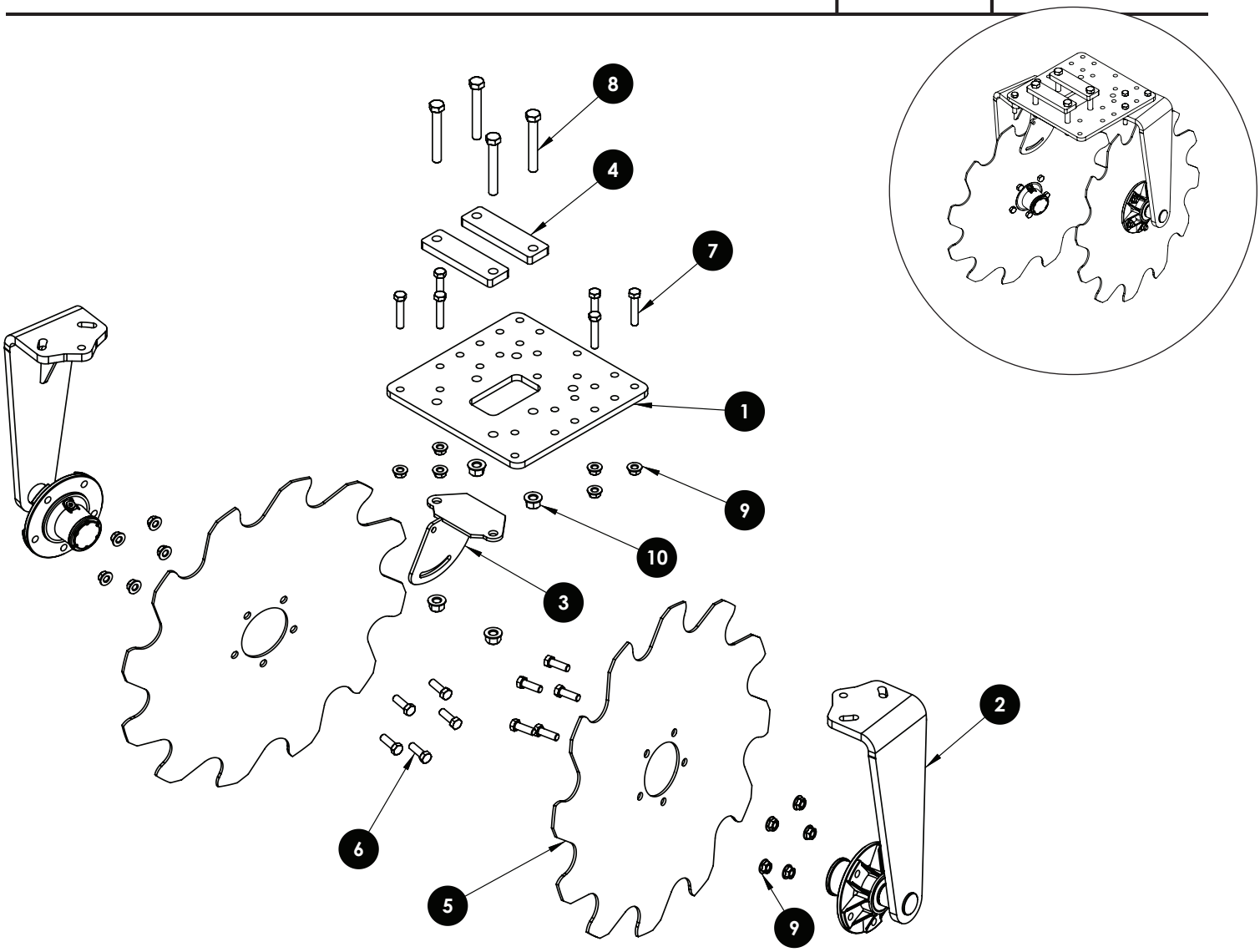


INSERT HUB CONTAINMENT | ITEM NO. 105154



ITEM	PART NO.	QTY.	DESCRIPTION
1	**105130**	1	PLATE, CONTAINMENT COULTER MOUNT, UNIVERSAL
2	**104692**	2	WELD, ARM, CONTAINMENT COULTER, INSERT HUB
3	**1476**	1	WELD, FERTILIZER MOUNT
4	**3451**	2	BAR, 0.625 X 2.000, 7.000 IN. LONG
5	**105060**	2	KIT, INSERT HUB W/ HARDWARE
6	**104695**	2	COULTER, CONTAINMENT, 6-BOLT
7	**104516**	6	BOLT, 0.500-13 UNC-2A X 2.500 HHCS, GR. 8, TAP BOLT
8	**8028**	4	BOLT, 0.625-11 UNC-2A X 4.500 HHCS, GR. 8
9	**7666**	6	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
10	**100631**	4	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC

NOTE: PAINT SUFFIX FOR BLACK PARTS: BK2 YELLOW PARTS: YL1

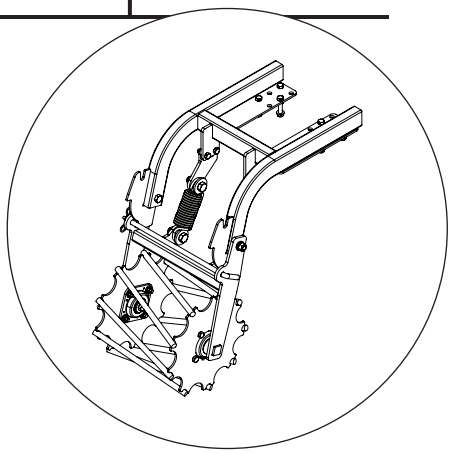


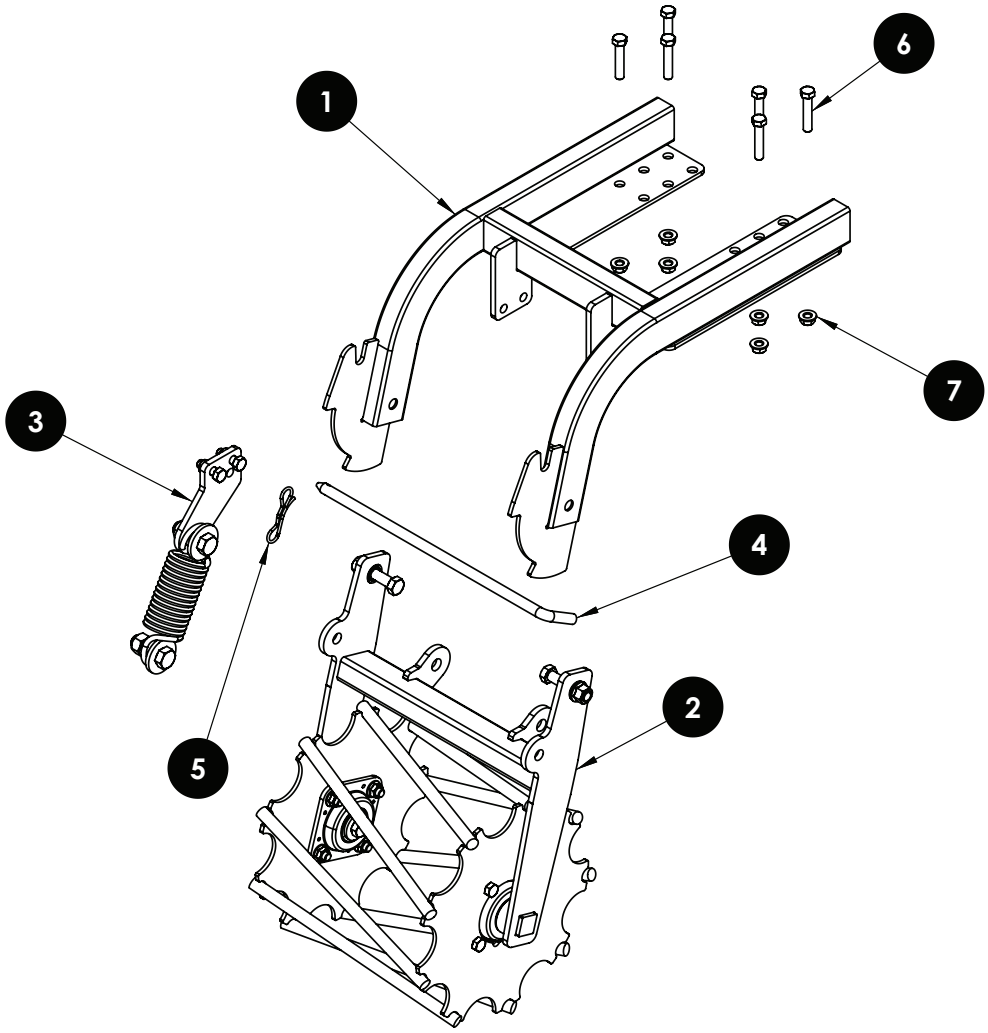
ITEM	PART NO.	QTY.	DESCRIPTION
1	**105130**	1	PLATE, CONTAINMENT COULTER MOUNT, UNIVERSAL
2	**103121**	2	ASSY., CONTAINMENT COULTER ARM
3	**1476**	1	WELD, FERTILIZER MOUNT
4	**3451**	2	BAR, 0.625 X 2.000, 7.000 IN. LONG
5	**104076**	2	COULTER, CONTAINMENT
6	**9366**	10	BOLT, 0.500-13 UNC-2A X 1.500 HHCS, GR. 8
7	**104516**	6	BOLT, 0.500-13 UNC-2A X 2.500 HHCS, GR. 8, TAP BOLT
8	**8028**	4	BOLT, 0.625-11 UNC-2A X 4.500 HHCS, GR. 8
9	**7666**	16	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
10	**100631**	4	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC

NOTE: PAINT SUFFIX FOR BLACK PARTS: BK2 YELLOW PARTS: YL1

ROLLING BASKET | ITEM NO. 105870

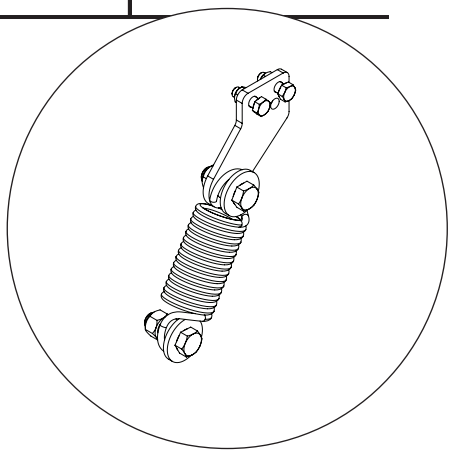
TOP LEVEL, ROUND BAR

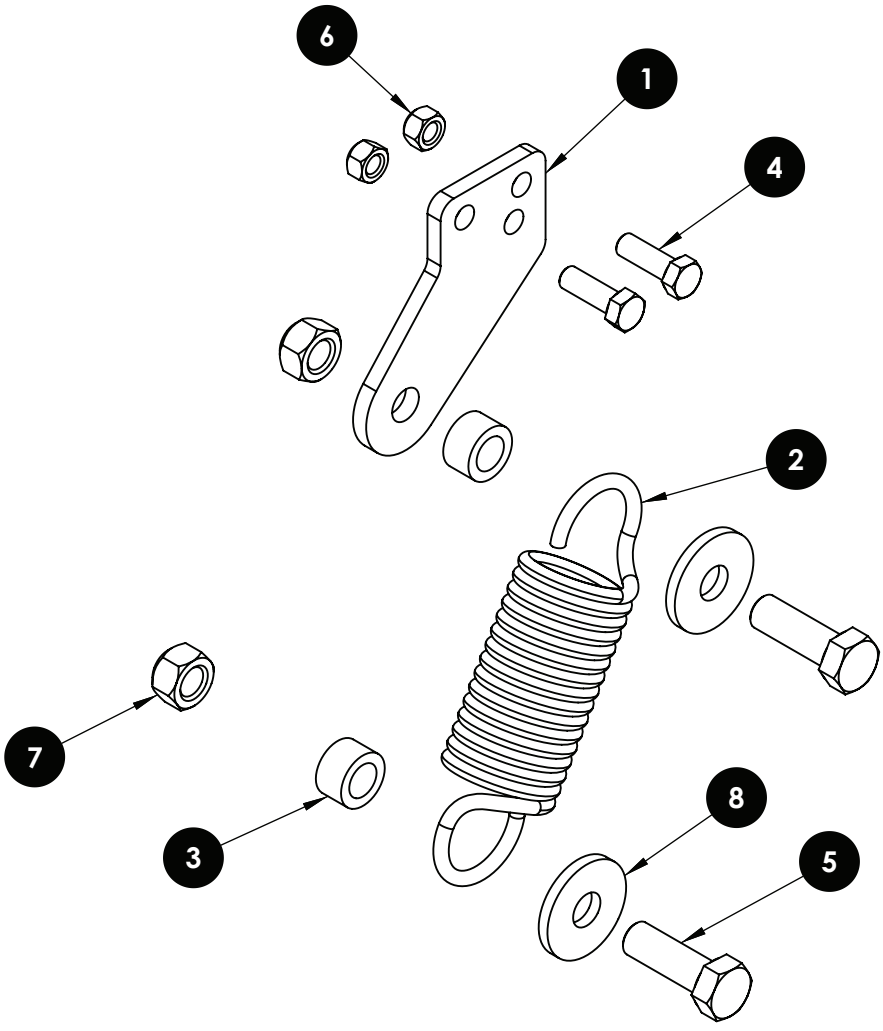




ITEM	PART NO.	QTY.	DESCRIPTION
1	**104194BK2**	1	WELD, FRAME, ROLLING BASKET, DUAL SPRING, ROUGH TERRAIN
2	**105872**	1	ASSY, ROLLING BASKET, LOWER, ROUND BAR
3	**105856**	1	ASSY, SPRING, ROLLING BASKET
4	**103584**	1	PIN, BASKET, 0.625 IN. DIA.
5	**104185**	1	PIN, BOW TIE COTTER, 0.625 IN. X 3.58 IN., ZINC PLATED
6	**104516**	6	BOLT, 0.500-13 UNC-2A X 2.500 HHCS, GR. 8, TAP
7	**7666**	6	BOLT NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC

SPRING

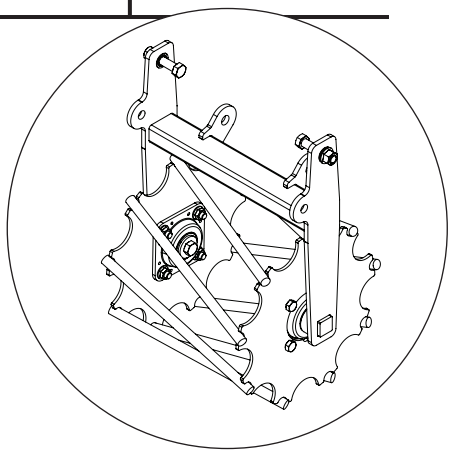


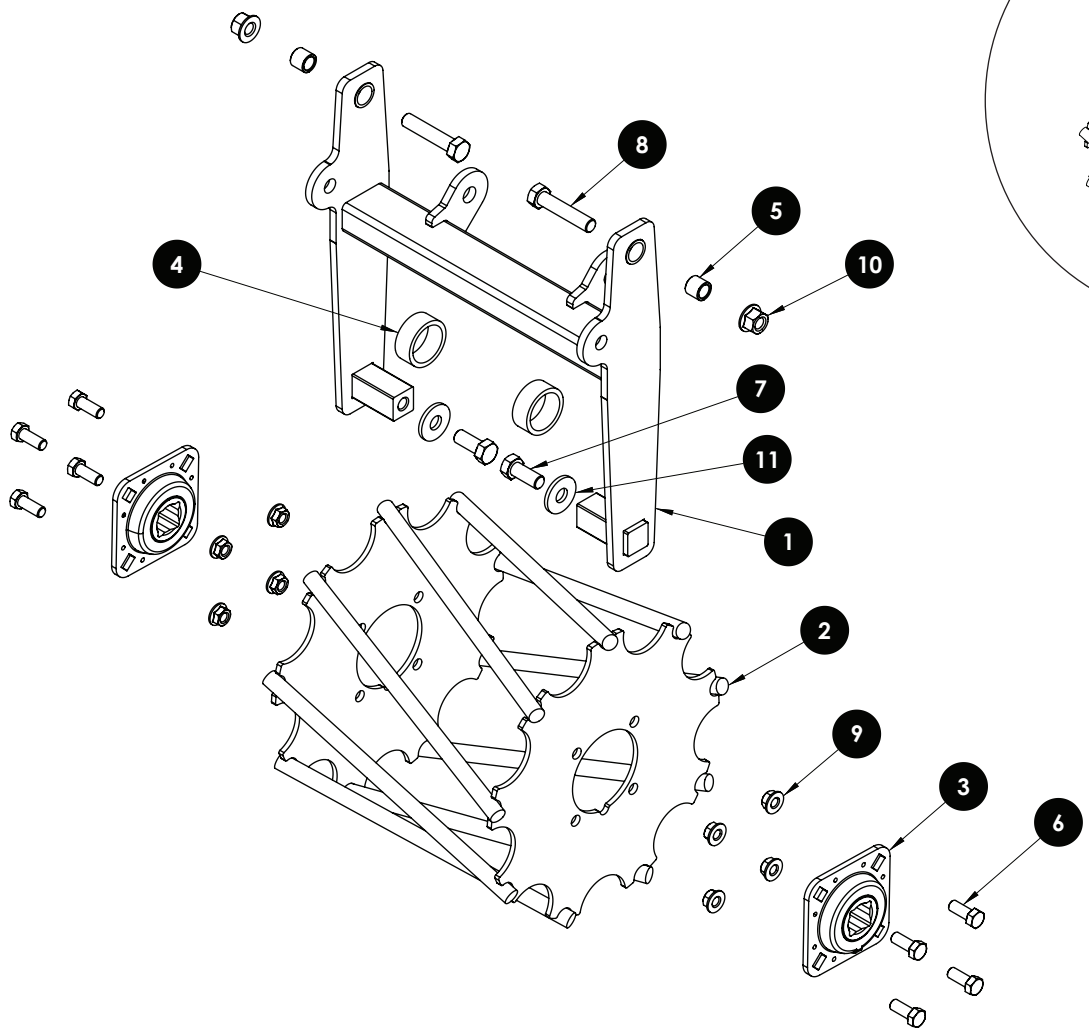


ITEM	PART NO.	QTY.	DESCRIPTION
1	**103705BK2**	1	PLATE, MOUNT, SPRING, UPPER
2	**100305BK2**	1	SPRING, EXTENSION, 8.50 IN. X 2.50 IN. O.D.
3	**103008BK2**	2	TUBE, 1.250 X 0.234, 0.720 IN. LONG
4	**9366**	2	BOLT, 0.500-13 UNC-2A X 1.500 HHCS, GR. 8
5	**7747**	2	BOLT, 0.750-10 UNC-2A X 2.250 HHCS, GR. 8
6	**7623**	2	NUT, 0.500-13 UNC TOP LOCK, HEX GR. C, ZINC
7	**7481**	2	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
8	**103709BK2**	2	WASHER, RETAINING, SPRING

ROLLING BASKET | ITEM NO. 105872

LOWER, ROUND BAR

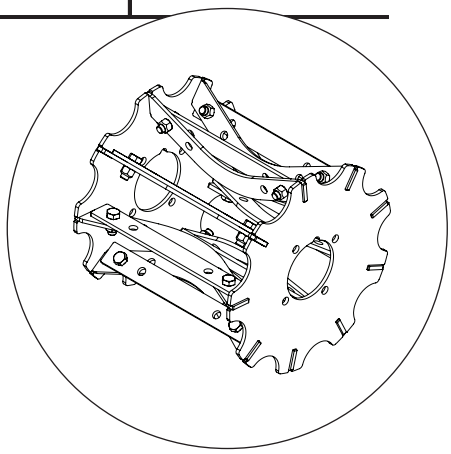


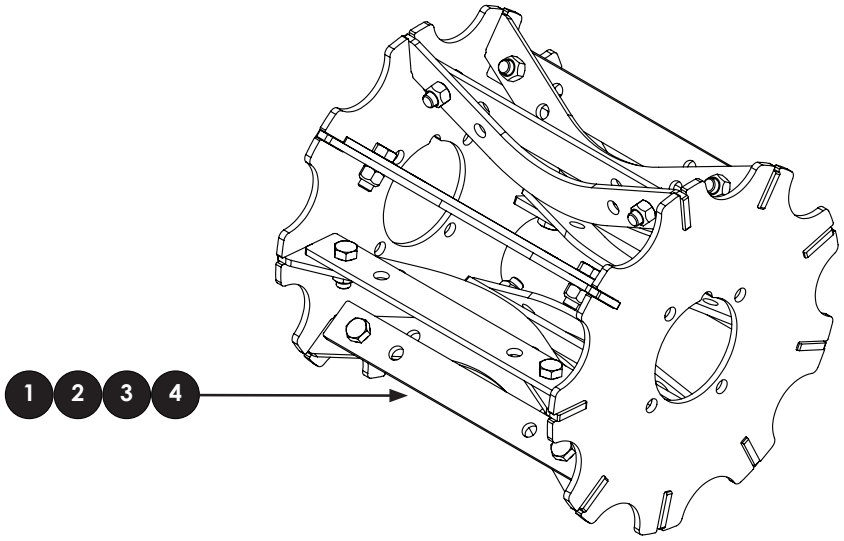


ITEM	PART NO.	QTY.	DESCRIPTION
1	**104195BK2**	1	WELDMENT, ROLLING BASKET FRAME, DUAL SPRING
2	**102460BK2**	1	WELD, ROLLING BASKET, ROUND BAR
3	**100309**	2	FLANGED BEARING, 1.25 SQ.
4	**100308BK2**	2	TUBE, RND, 2.250 X 0.219, 0.875 IN. LONG
5	**4113**	2	BUSHING, 0.875 X 0.125, 0.750 IN.
6	**7744**	8	BOLT, 0.500-13 UNC-2A X 1.250 HHCS, GR. 8
7	**7669**	2	BOLT, 0.625-11 UNC-2A X 1.500 HHCS, GR. 8
8	**7233**	2	BOLT, 0.625-11 UNC-2A X 3.000 HHCS, GR. 8
9	**7666**	8	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
10	**100631**	2	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC
11	**101896**	2	WASHER, 0.625 FLAT USS, EXTRA THICK, HIGH STRENGTH

ROLLING BASKET | ITEM NO. 105873

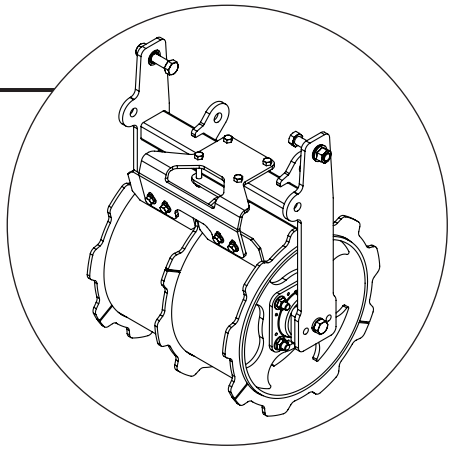
FLAT BAR OPTION

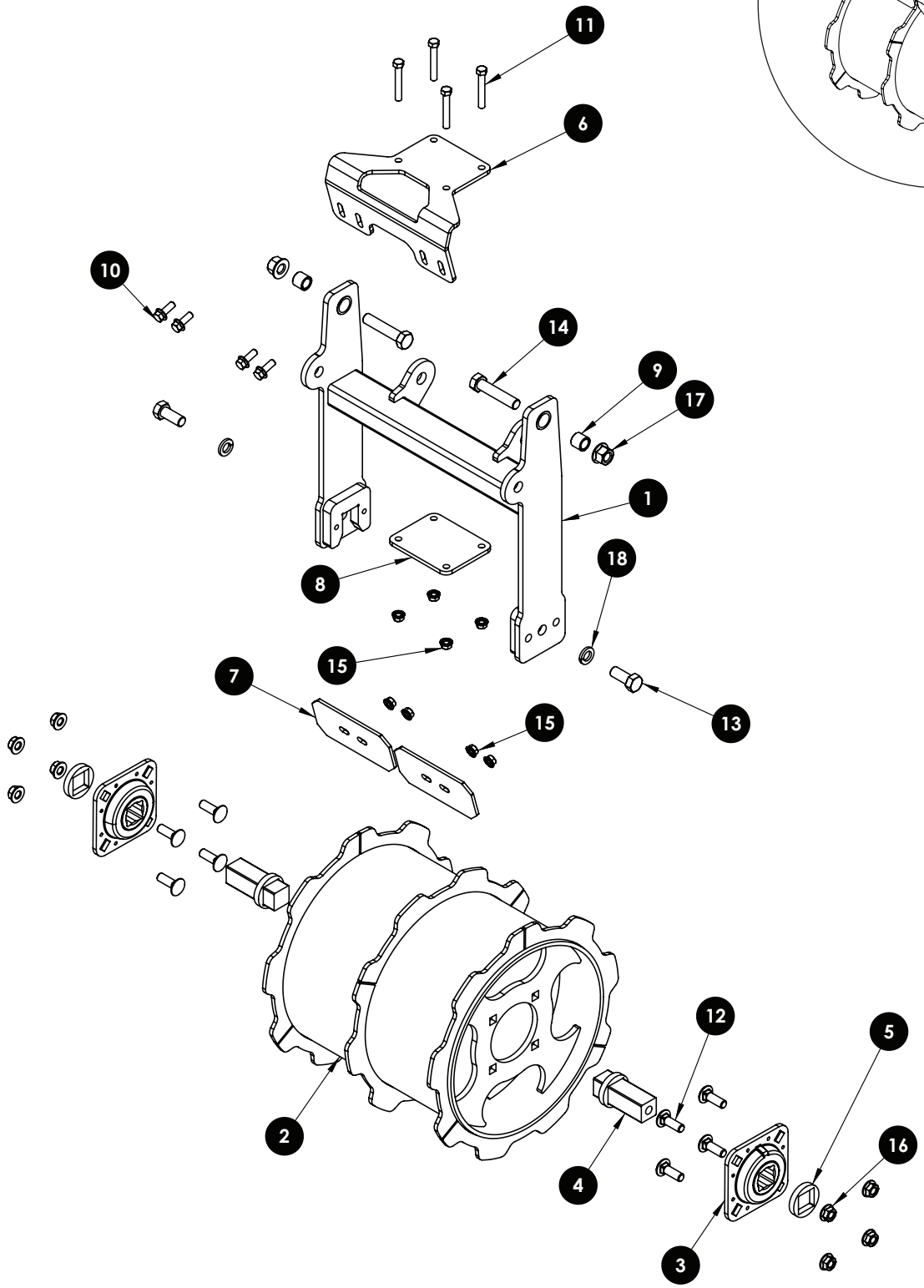




ITEM	PART NO.	QTY.	DESCRIPTION
1	**100807BK2**	1	WELDMENT, BASKET, 9-TOOTH
2	**100658BK2**	9	CROSS BAR, ROLLING BASKET TOOTH
3	**7744**	18	BOLT, 0.500-13 UNC-2A X 1.250 HHCS, GR. 8
4	**7623**	18	NUT, 0.500-13 UNC TOP LOCK, HEX GR. C, ZINC

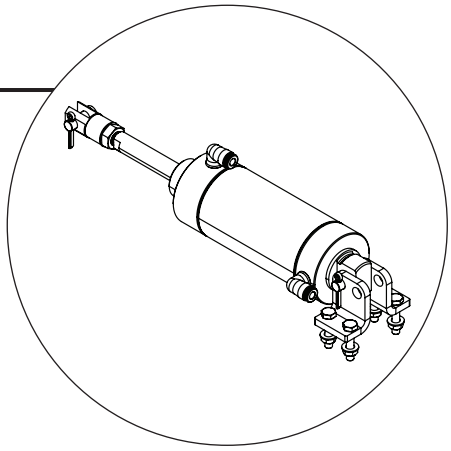
FIRMING BASKET | ITEM NO. 104542

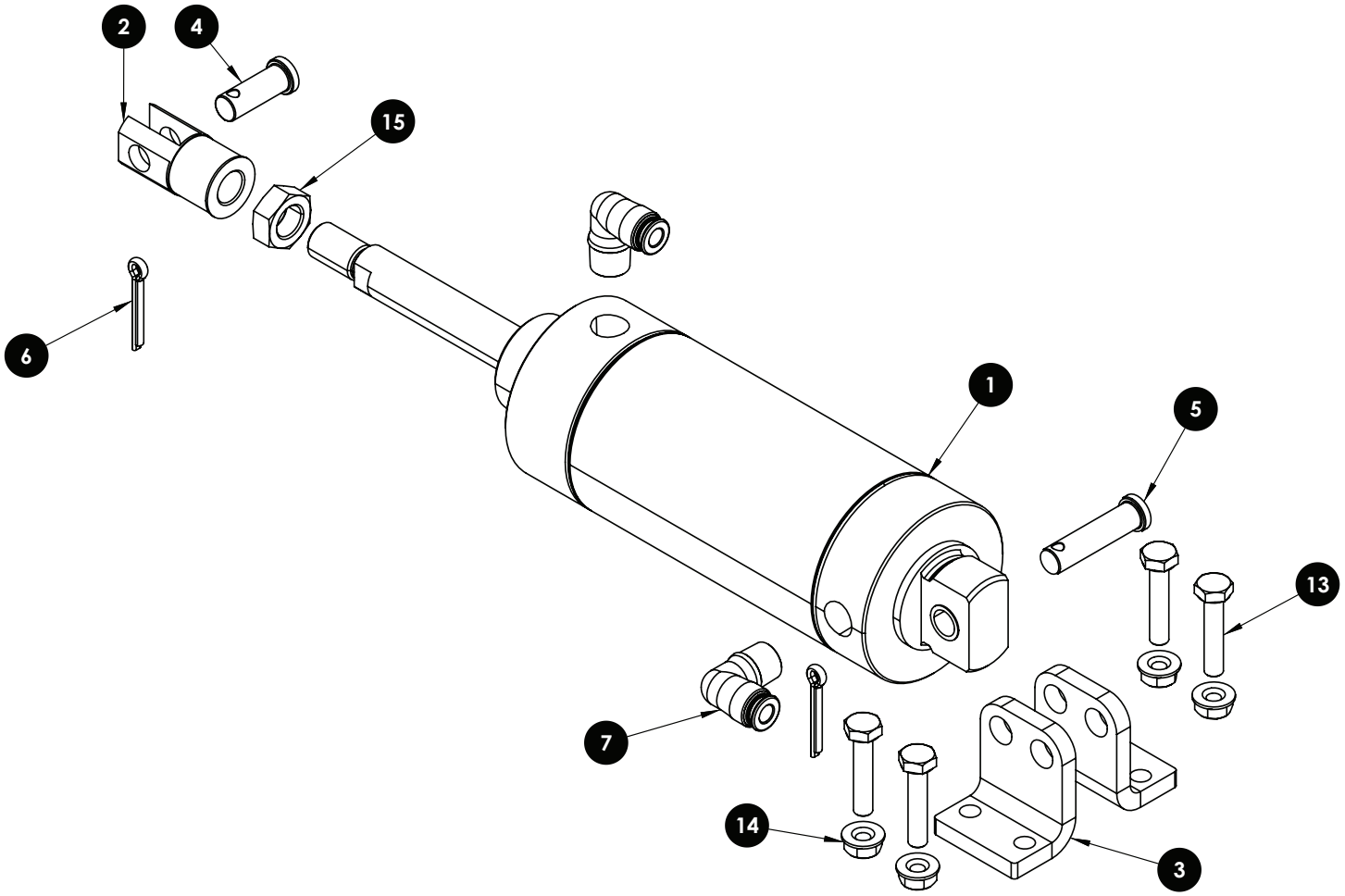




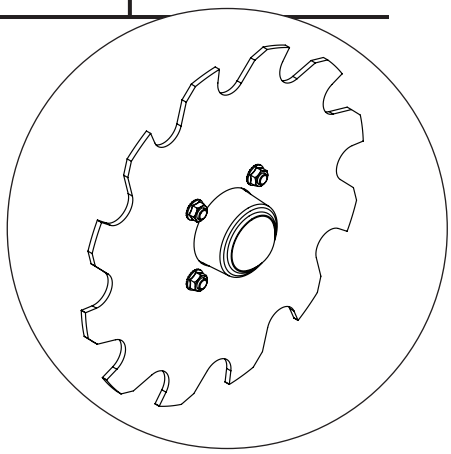
ITEM	PART NO.	QTY.	DESCRIPTION
1	**104317BK2**	1	WELDMENT, H-FRAME, DRUM
2	**104321BK2**	2	WELDMENT, DRUM
3	**100309**	2	FLANGED BEARING, 1.25 SQ.
4	**104341BK2**	2	WELDMENT, AXLE, DRUM
5	**104343BK2**	1	PLATE, WASHER, AXLE, DRUM
6	**104509BK2**	2	PLATE, SCRAPER BASE, ROLLING DRUM
7	**104510BK2**	1	PLATE, SCRAPER, ROLLING DRUM
8	**104511BK2**	2	PLATE, CLAMP, ROLLING DRUM SCRAPER
9	**4113**	4	BUSHING, 0.875 X 0.125, 0.750 IN.
10	**9055**	4	BOLT, 0.375-16 UNC-2A X 1.000 FLANGE, GR. 8
11	**7147**	8	BOLT, 0.375-16 UNC-2A X 2.500, HHCS GR. 8
12	**100752**	2	BOLT, 0.500-13 UNC-2A X 1.50 RD HD SQ. NECK CARRIAGE
13	**7669**	2	BOLT, 0.625-11 UNC-2A X 1.500 HHCS, GR. 8
14	**7233**	8	BOLT, 0.625-11 UNC-2A X 3.000 HHCS, GR. 8
15	**7792**	8	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
16	**7666**	2	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
17	**100631**	2	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC
18	**9184**	2	WASHER, 0.625 SPLIT LOCK, ZINC

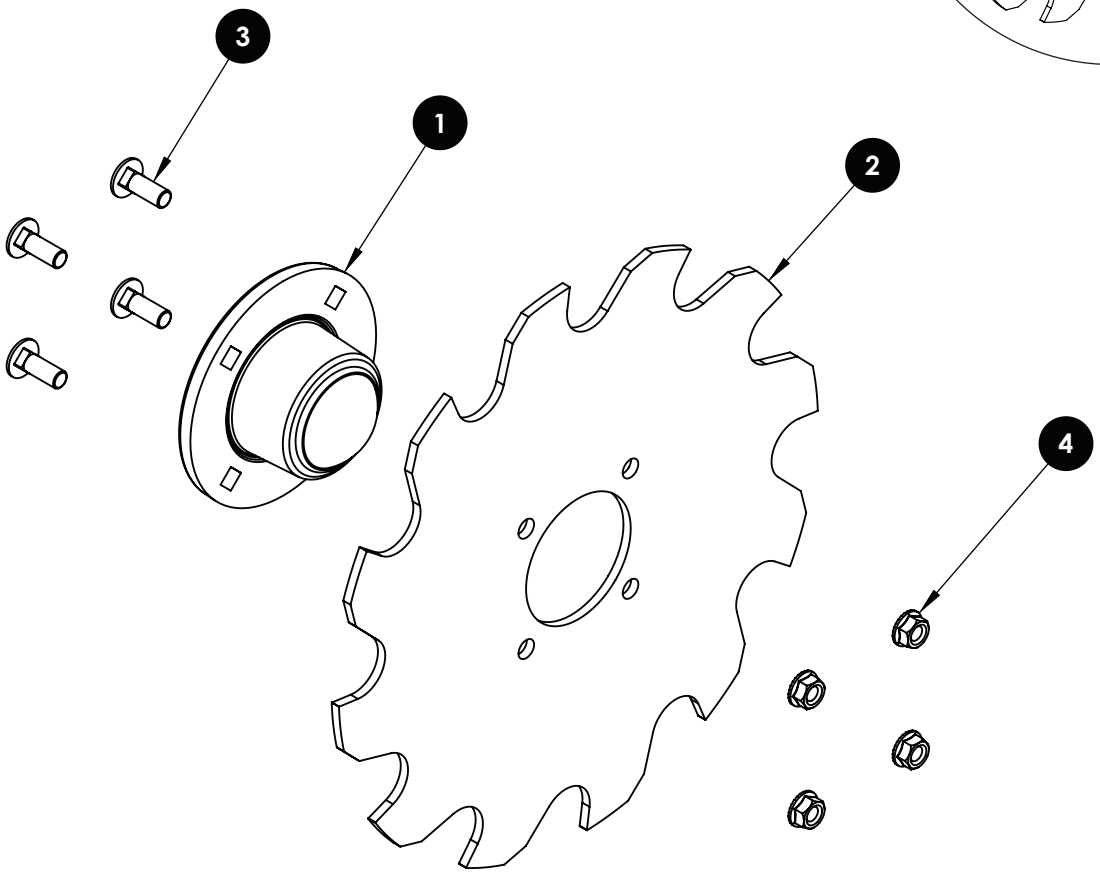
CYLINDER, PNEUMATIC | ITEM NO. 102410



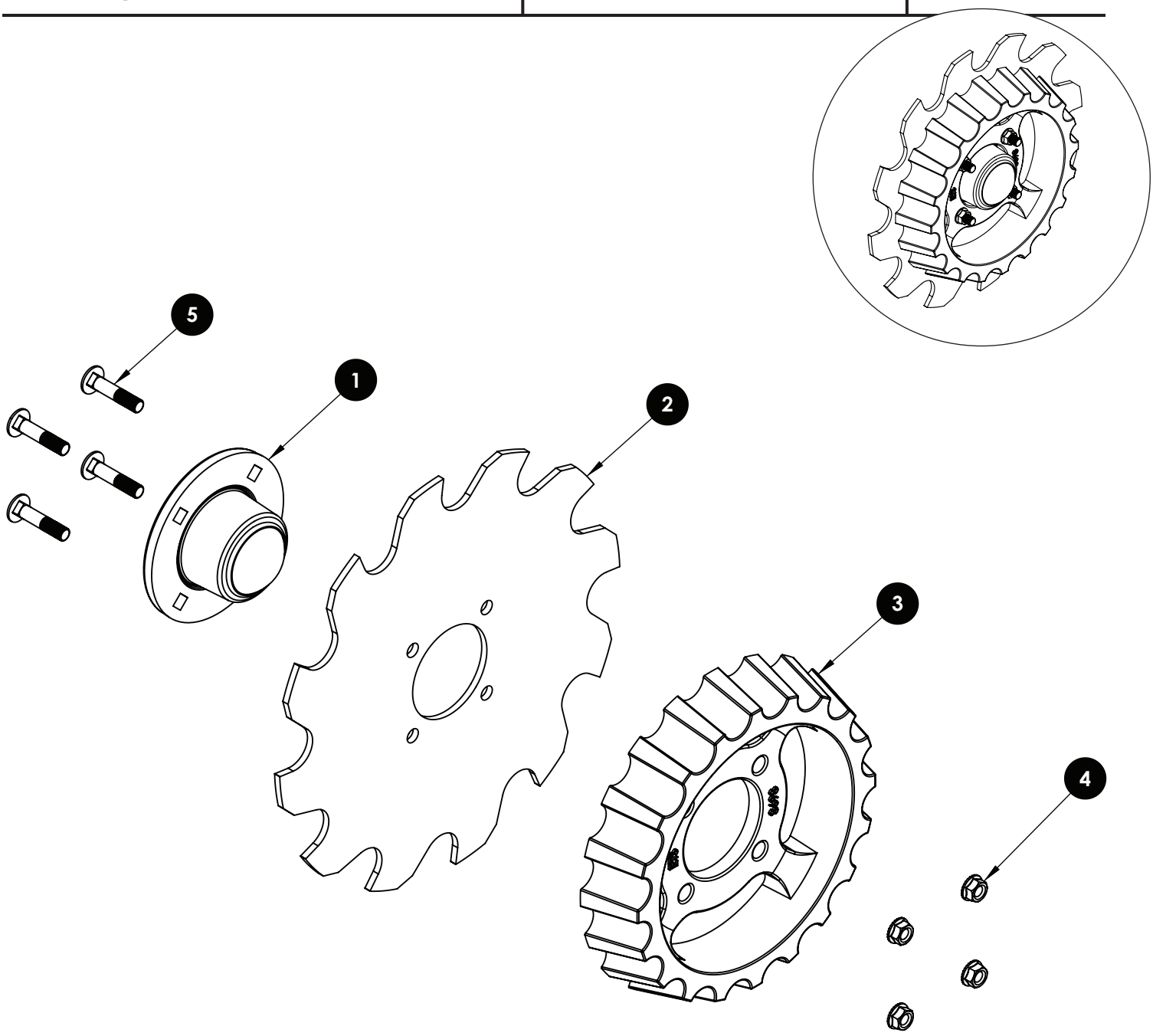


ITEM	PART NO.	QTY.	DESCRIPTION
1	**102207**	1	CYLINDER, PNEUMATIC, 2.50 X 2.75, 0.625 DIA. ROD
2	**102441**	1	CLEVIS, PNEUMATIC CYLINDER
3	**102679**	2	PIVOT BRACKET, PNEUMATIC CYL.
4	**102563**	1	PIN, CLEVIS, 0.375 X 1.000, SS
5	**102681**	1	PIN, CLEVIS, 0.375 X 1.500, SS
6	**102595**	2	PIN, COTTER, 0.125 X 1.000, SS
7	**104074**	2	FTG., AIR, ELBOW, 0.250 NPT X 0.250 TUBE, BRASS
8	**102418**	2	FITTING, AIR, TEE, 0.500 X 0.500 X 0.250 TUBE
9	**103749**	4.00 FT.	TUBING, PNEUMATIC, 0.250 IN. DIA., GREEN
10	**103388**	4.00 FT.	TUBING, PNEUMATIC, 0.250 IN. DIA., YELLOW
11	**103748**	3.00 FT.	TUBING, PNEUMATIC, 0.500 IN. DIA., GREEN
12	**103389**	3.00 FT.	TUBING, PNEUMATIC, 0.500 IN. DIA., YELLOW
13	**102561**	4	BOLT, 0.250-20 UNC-2A X 1.250 HHCS, GR. 8
14	**103228**	4	NUT, 0.250-20 UNC FLANGE LOCK HEX GR. G, ZINC
15	**102565**	1	NUT, 0.500-20 UNF-2B, HEX JAM, SS



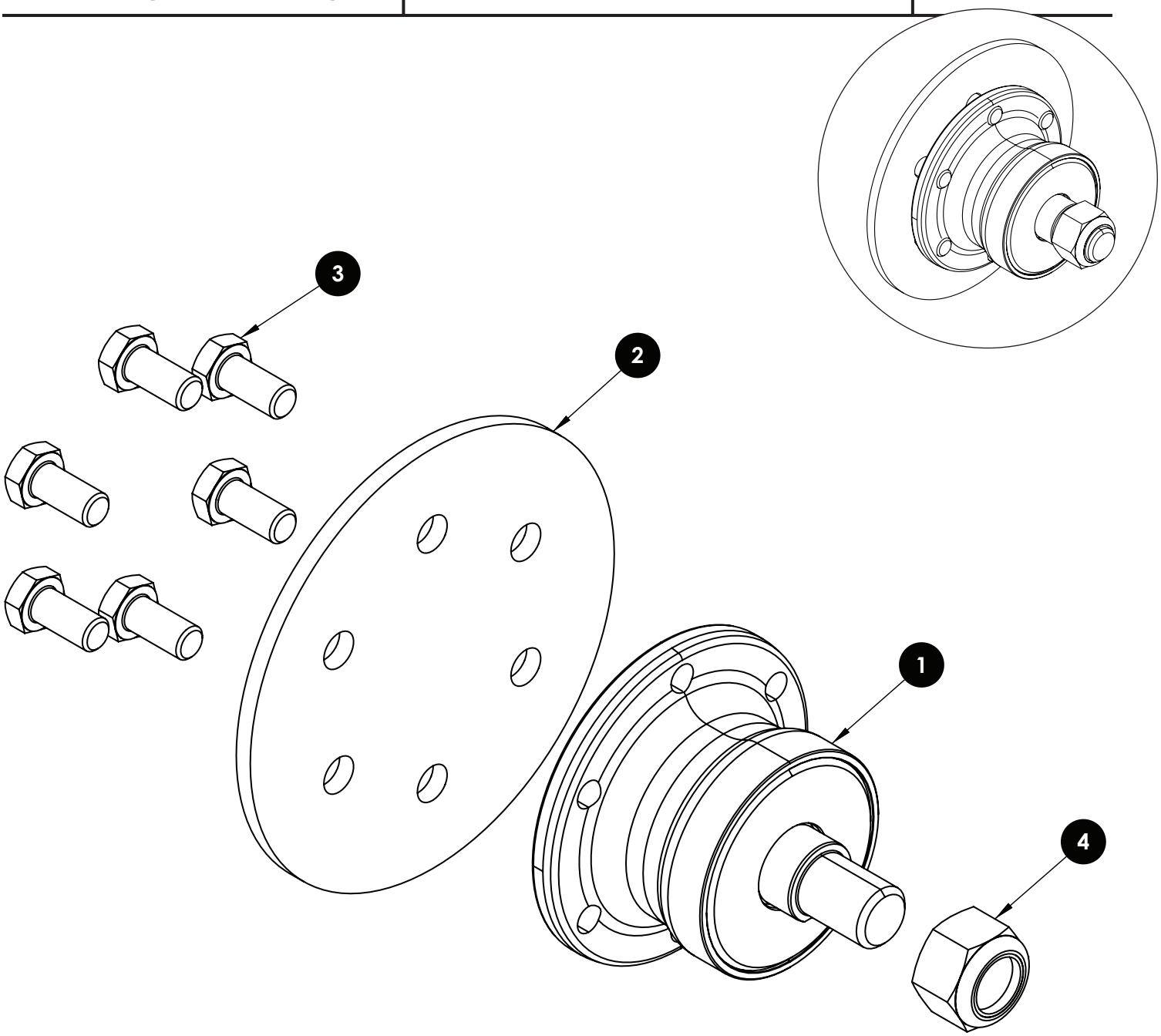


ITEM	PART NO.	QTY.	DESCRIPTION
1	**8695**	1	HUB ASSEMBLY, 4 BOLT WITH AXLE
2	**104077**	1	COULTER, ROW CLEANER
3	**6128**	4	BOLT, 0.375-16 UNC-2A X 1.000 CARRIAGE, GR. 5
4	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK



ITEM	PART NO.	QTY.	DESCRIPTION
1	**8695**	1	HUB ASSEMBLY, 4 BOLT WITH AXLE
2	**104077**	1	COULTER, ROW CLEANER
3	**8698**	1	TREADER WHEEL, ZONE CLEANER
4	**7792**	4	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK

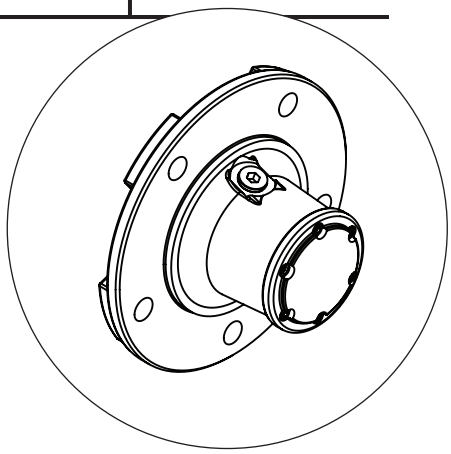
INSERT HUB | ITEM NO. 105060

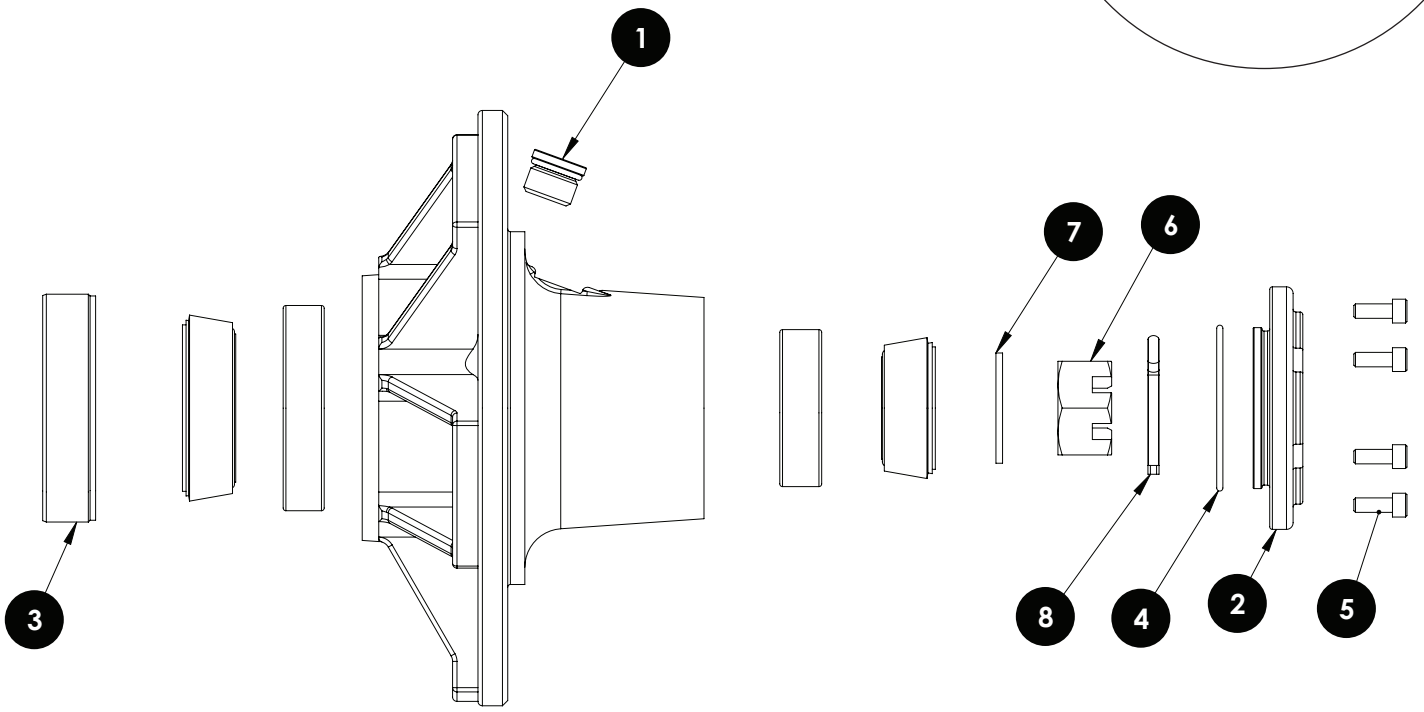


ITEM	PART NO.	QTY.	DESCRIPTION
1	**104093**	1	HUB, NON-SERVICEABLE, 6-BOLT
2	**103647BK1**	1	PLATE, COULTER REINFORCEMENT, 6 BOLT
3	**104092**	6	BOLT, M12 X 1.25MM X 25MM, HHCS, CLASS 10.9, YELLOW NYLON PATCH
4	**103757**	1	NUT, M22X1.5 6H, NYLON INSERT HEX LOCK, CLASS 8.8

TILLAGE HUB | ITEM NO. 1143BK3

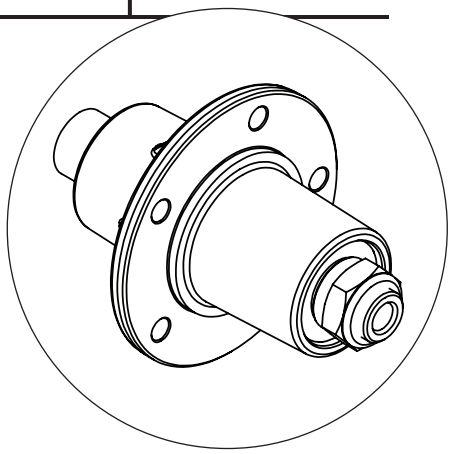
4.00 IN. PILOT, 5.50 IN. BOLT CIRCLE

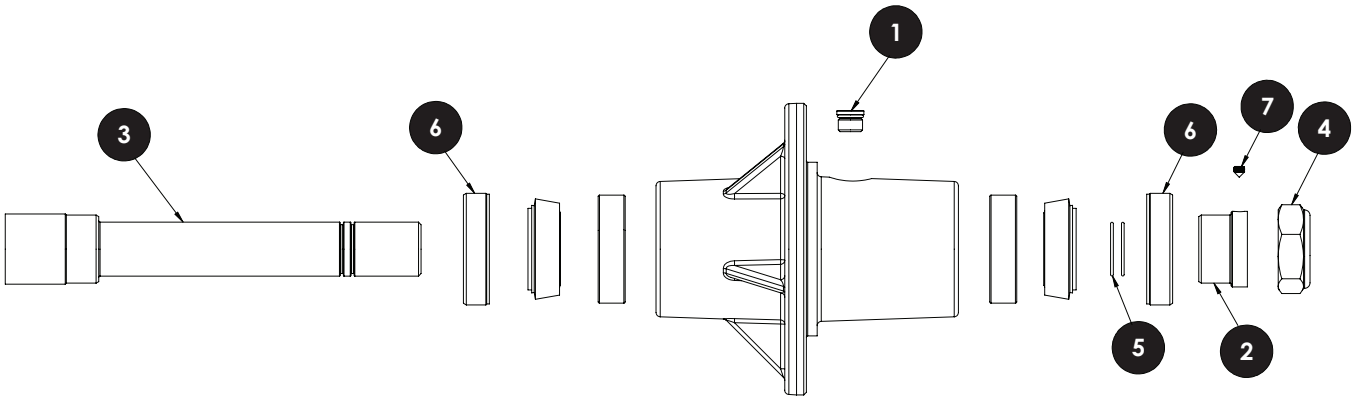




ITEM	PART NO.	QTY.	DESCRIPTION
1	**7806**	1	PLUG, -6 SAE ORB HOLLOW HEX
2	**7834**	1	DUST COVER, HUB ASSEMBLY
3	**7840**	1	SEAL, SHAFT
4	**7841**	1	O-RING, 0.070 X 1.750
5	**9515**	6	BOLT, 8-32 UNC-2A X 0.438 SHCS
6	**9591**	1	NUT, 0.625-18 UNF-2B SLOTTED HEX, GR. 2
7	**102871**	1	MACHINE BUSHING, 0.625 X 1.250, 14 GA.
8	**100249**	1	PIN, COTTER, 0.125 X 1.00, ZINC PLATED
9	**103685-SK**	-	HUB REBUILD KIT (EXCLUDES HUB CASTING AND DUST COVER)

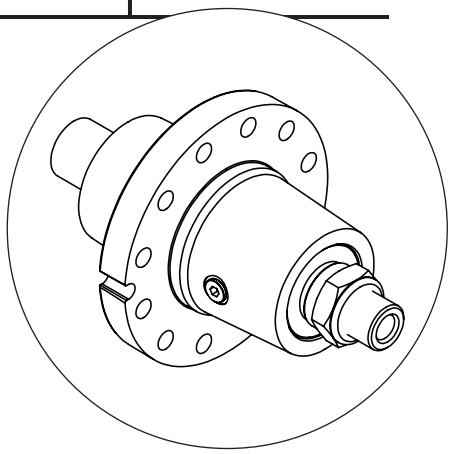
HUB, LEAD COULTER | ITEM NO. 101330BK3

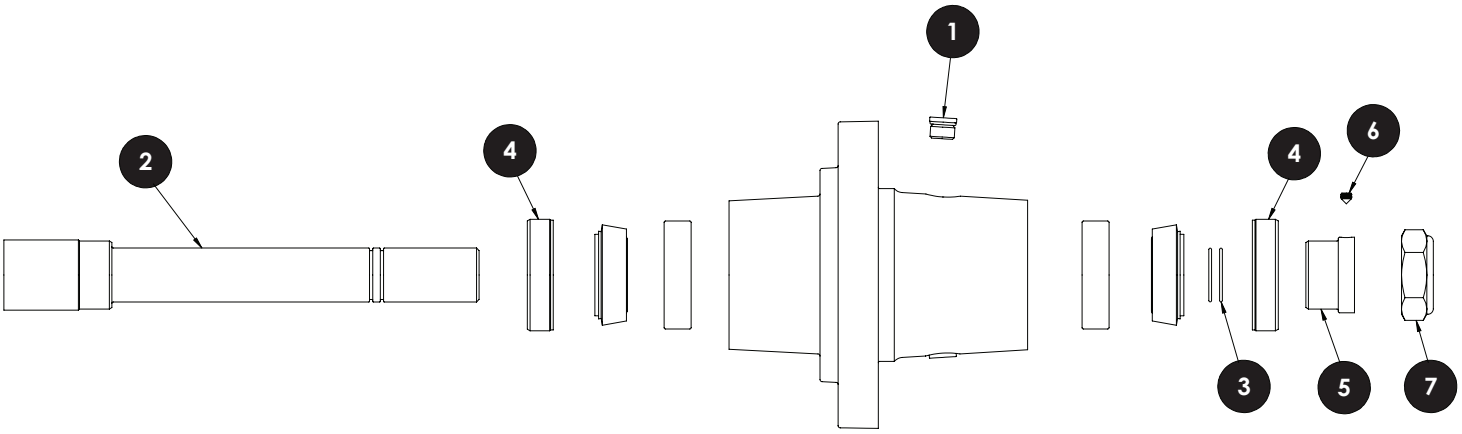




ITEM	PART NO.	QTY.	DESCRIPTION
1	**7806**	1	PLUG, -6 SAE ORB HOLLOW HEX
2	**3467**	1	SLEEVE, HUB BEARING
3	**3752**	1	SPINDLE, HD GAUGE WHEEL
4	**7087**	1	NUT, 1.250-12 UNC NYLON INSERT HEX JAM LOCK, GR. 8
5	**7831**	2	O-RING, 1.125 X 0.625
6	**7840**	2	SEAL, SHAFT
7	**7858**	2	SET SCREW, 0.250-28 UNF-2B X 0.250, HEX, CONE POINT
8	**104248-SK**	1	KIT, REBUILD, LEAD COULTER HUB/ DEEP TILL HUB

HUB, DEEP TILLAGE | ITEM NO. 1139BK3

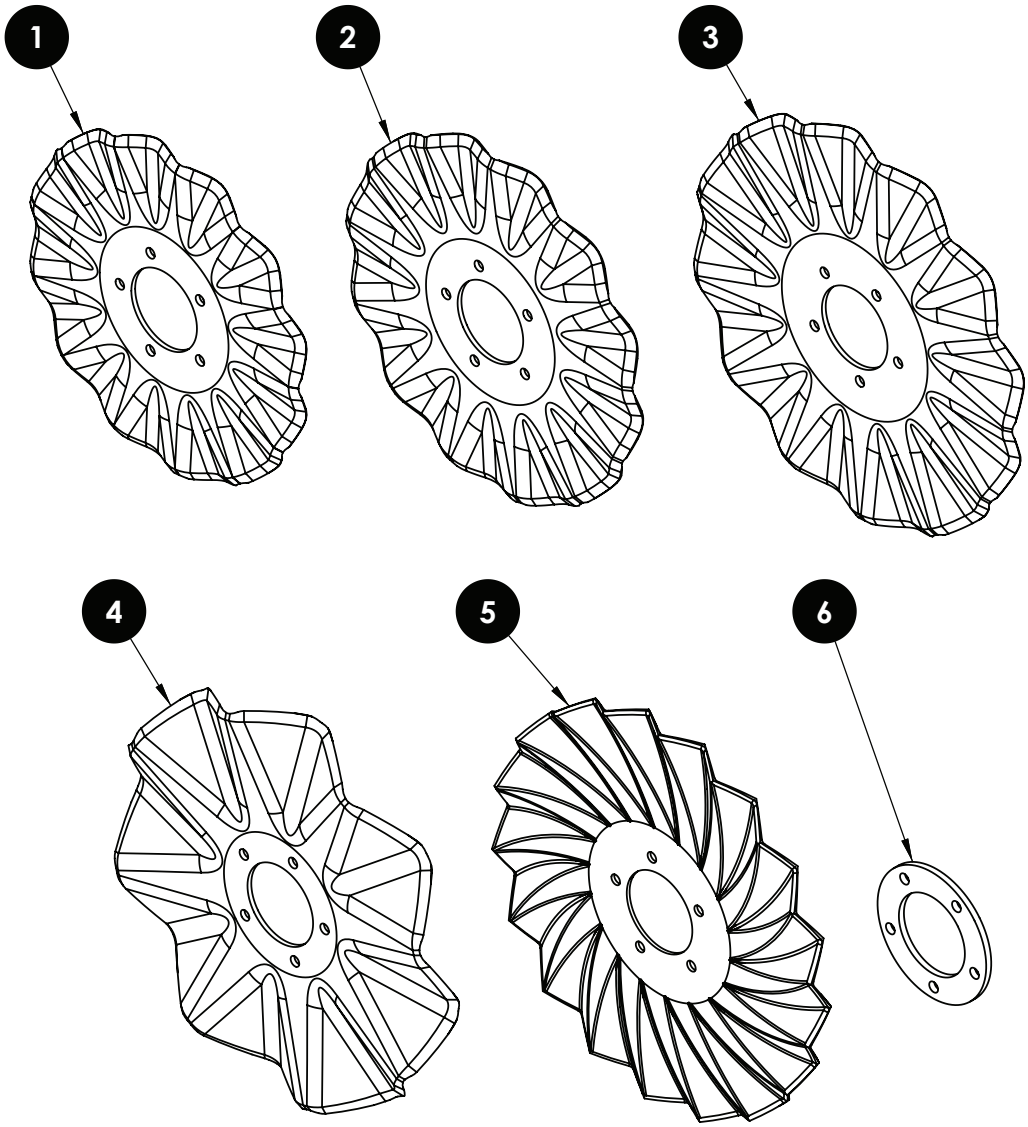




ITEM	PART NO.	QTY.	DESCRIPTION
1	**7806**	2	PLUG, -6 SAE ORB HOLLOW HEX
2	**3402**	1	SPINDLE DEEP TILLAGE HUB
3	**7831**	2	O-RING, 1.125 X 0.625
4	**7840**	2	SEAL, SHAFT
5	**3467**	1	SLEEVE, HUB BEARING
6	**7858**	2	SET SCREW, 0.250-28 UNF-2B X 0.250, HEX, CONE POINT
7	**7087**	1	NUT, 1.250-12 UNC NYLON INSERT HEX JAM LOCK, GR. 8
8	**104248-SK**	1	KIT, REBUILD, LEAD COULTER HUB/ DEEP TILL HUB

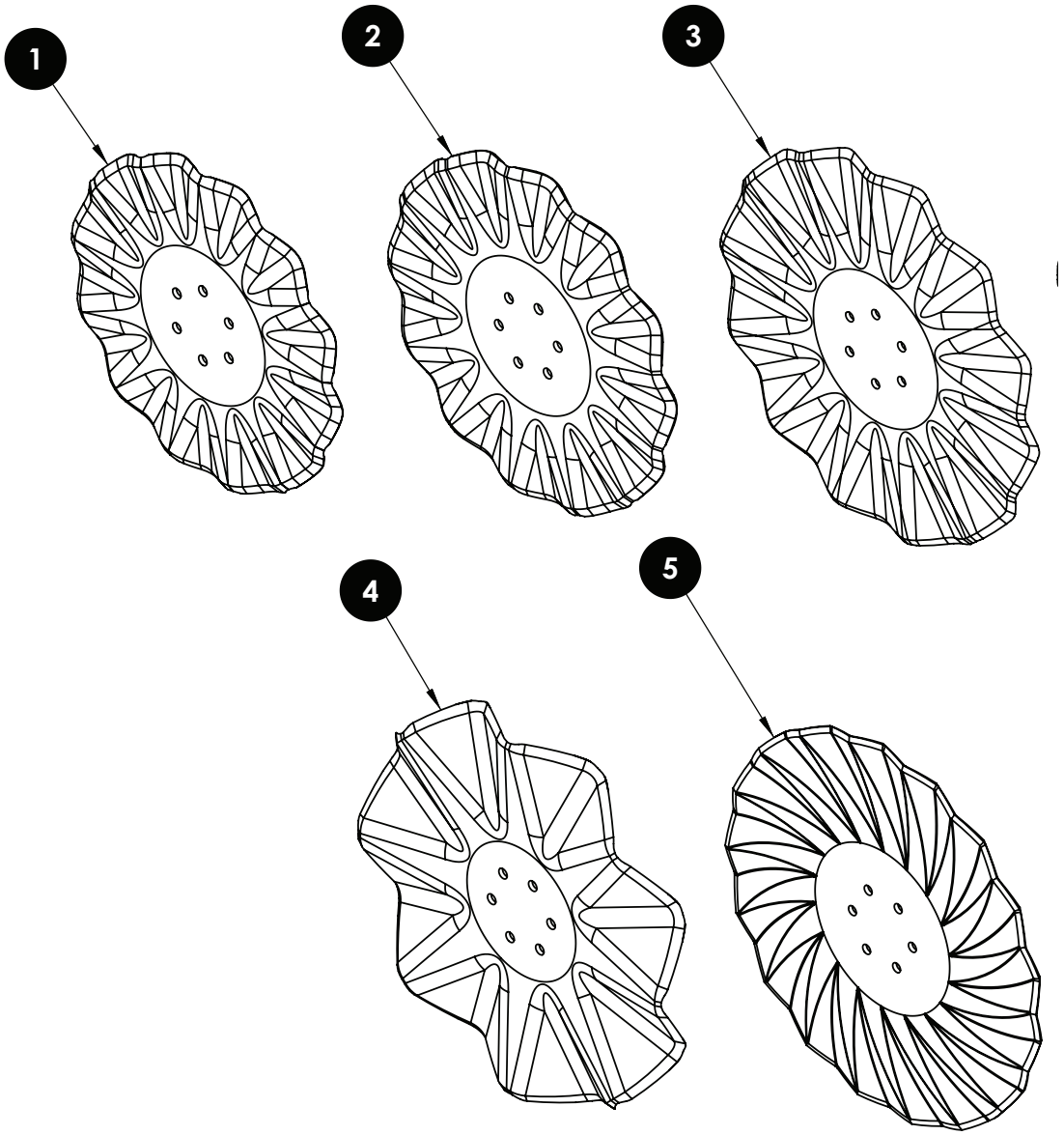
LEAD COULTER AND DEEP TILLAGE HUB USE SAME REBUILD KIT, 104248-SK

COULTERS, 5 BOLT HUB

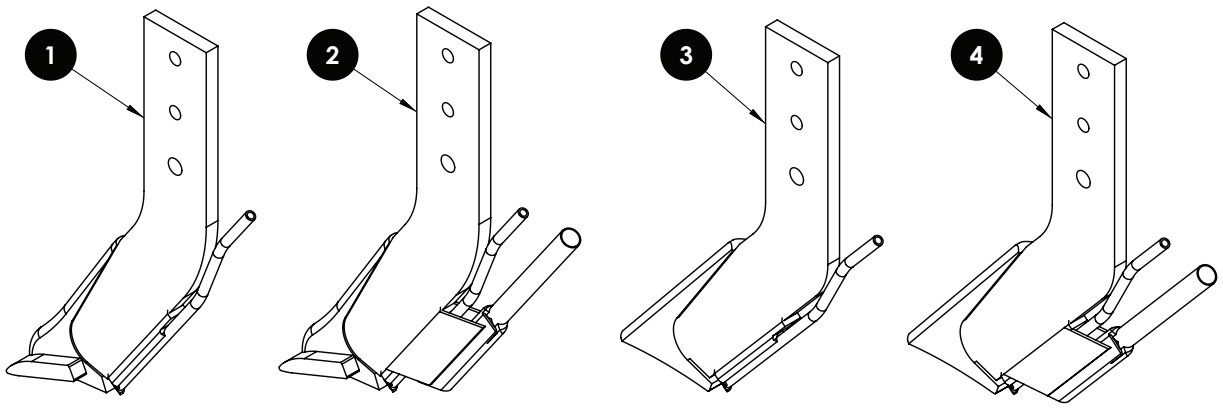


ITEM	PART NO.	QTY.	DESCRIPTION
1	**104079**	1	COULTER, 13 WAVE, 17.00 X 0.83 X 0.236IN.
2	**104187**	1	COULTER, 13 WAVE, 18.00 X 0.83 X 0.236IN.
3	**104078**	1	COULTER, 13 WAVE, 20 X 1.02 X 0.236 IN.
4	**104075**	1	COULTER, 8 WAVE, 20.4 X 2.180 X 0.236 IN.
5	**3410**	1	COULTER, 18 WAVE, 20 X 1.300 X 0.236 IN. DIRECTIONAL
6	**102076BK2**	1	PLATE, COULTER BACKER
7	**9366**	1	BOLT, 0.500-13 UNC-2A X 1.500 HHCS, GR. 8
8	**7100**	1	BOLT, 0.500-13 UNC-2A X 1.750 HHCS, GR. 8
9	**7666**	1	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC

COULTERS, INSERT HUB



ITEM	PART NO.	QTY.	DESCRIPTION
1	**103625**	1	COULTER, 13 WAVE, 17.00 X 0.83 X 0.236 IN., 6-BOLT
2	**104721**	1	COULTER, 13 WAVE, 18.00 X 0.83 X 0.236 IN., 6-BOLT
3	**103218**	1	COULTER, 13 WAVE, 20.00 X 1.100 X 0.236 IN., 6-BOLT, NO PILOT
4	**105113**	1	COULTER, 8 WAVE, 20.4 X 2.180 X 0.236 IN., 6-BOLT
5	**104839**	1	COULTER, 18 WAVE, 20.00 X 0.650 X 0.236 IN. 6-BOLT, DIRECTIONAL



ITEM	PART NO.	QTY.	DESCRIPTION
1	**103917**	1	KNIFE, FLARED, 0.375 IN. NH3 APPLICATOR TUBE
2	**103946**	1	KNIFE, FLARED, 0.375 IN. NH3 APPLICATOR TUBE, VAPOR TUBE
3	**103947**	1	KNIFE, 0.375 IN. NH3 APPLICATOR TUBE
4	**103948**	1	KNIFE, 0.375 IN. NH3 APPLICATOR TUBE, VAPOR TUBE

SERVICE
MADE SIMPLE

Maintenance



Fertilizer Calibration



Technology



Tractor Controls



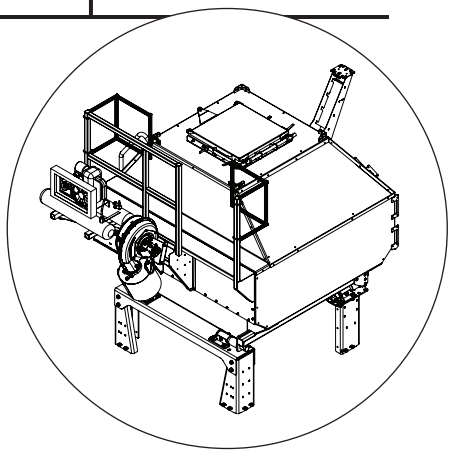
Scan to Watch

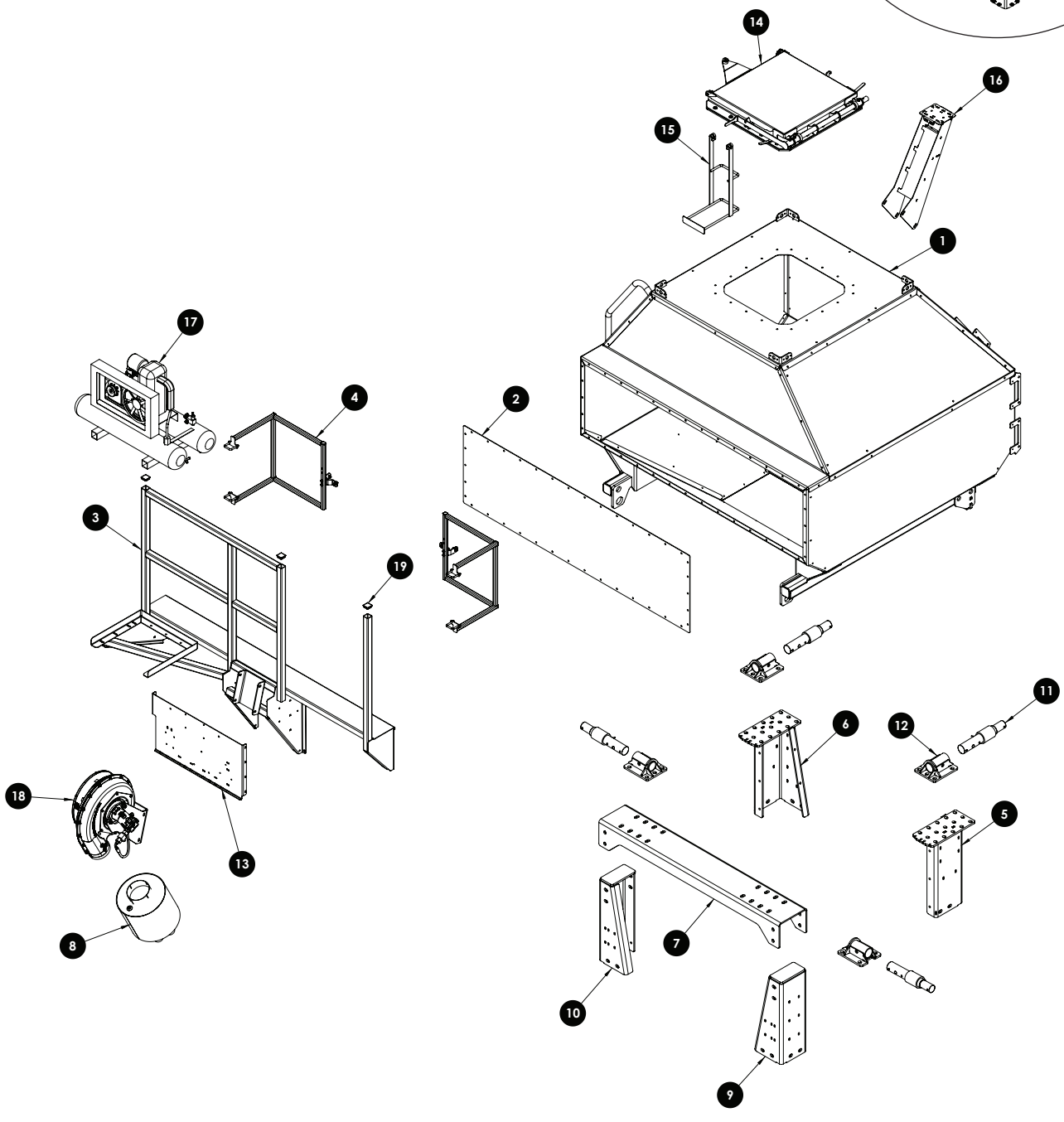
Step-by-step service and maintenance videos to help you keep your SoilWarrior running.

Follow SoilWarrior

soilwarrior.com
507-332-2231

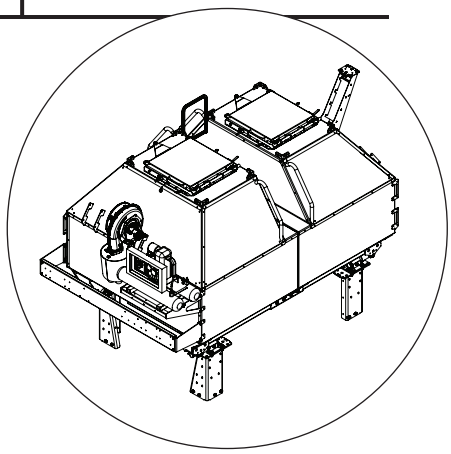
FERTILIZER TANK, SINGLE 160 BU. | ITEM NO. 100757

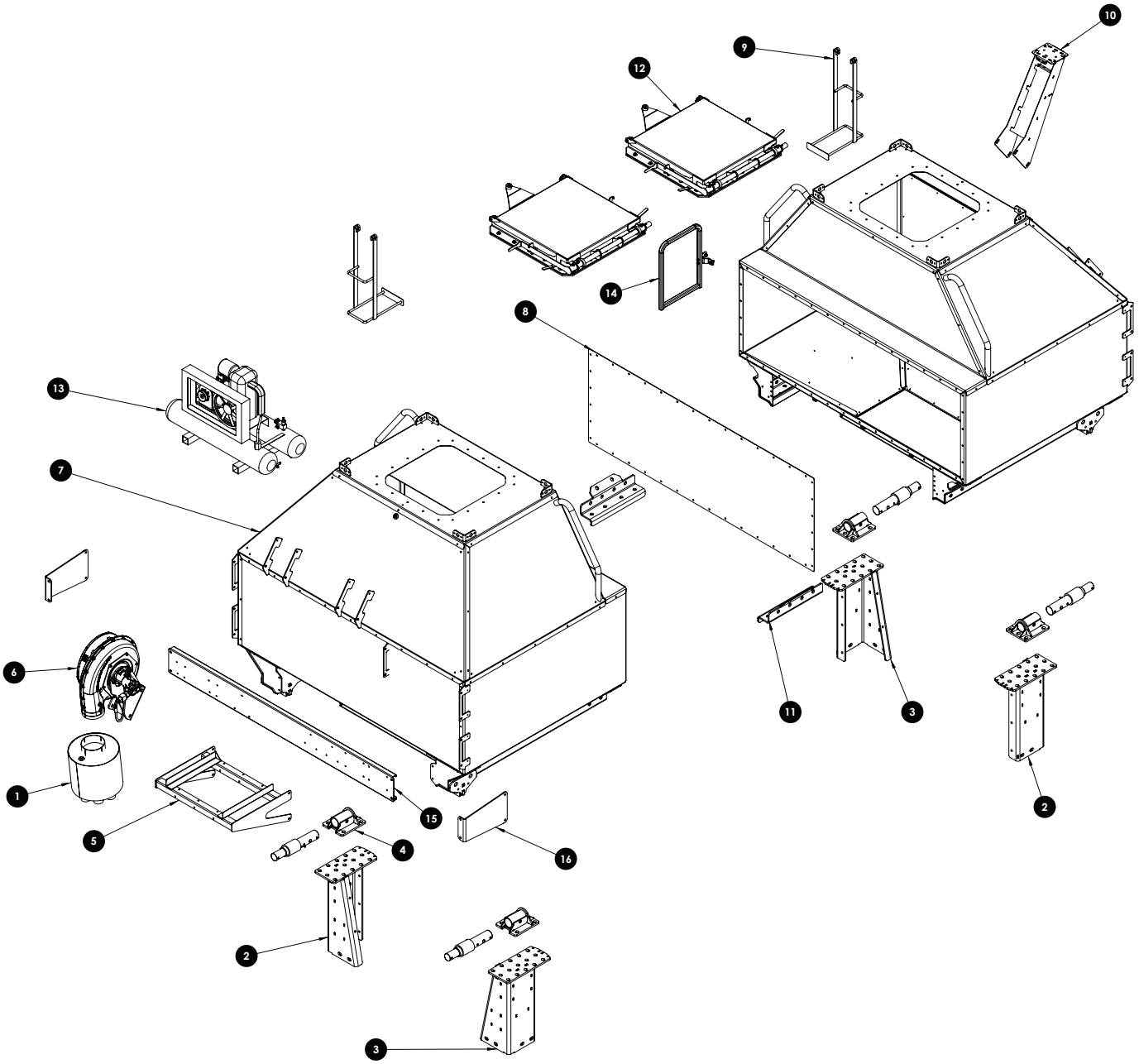




ITEM	PART NO.	QTY.	DESCRIPTION
1	**105798YL1**	1	WELD, DRY TANK, 160 BU, SQUARE LID, FRONT
2	**100218YL1**	1	PANEL, TANK DIVIDER
3	**100477YL1**	1	WELD, CATWALK, 160 BU. DRY TANK
4	**104974**	1	ASSY, SAFETY RAIL, SINGLE TANK
5	**1111LYL1**	1	WELD, TANK STAND, LEFT
6	**1111RYL1**	1	WELD, TANK STAND, RIGHT
7	**100478YL1**	1	TANK SUPPORT, SINGLE DRY
8	**7911YL1**	1	DISTRIBUTOR, 6.000 IN. TO 9 X 2.500 IN.
9	**100482YL1**	1	WELD, TANK STAND, LEFT
10	**100483YL1**	1	WELD, TANK STAND, RIGHT
11	**9908**	4	WEIGH BAR, 2.500 IN., 30 FT. CABLE
12	**1112YL1**	4	WELD, SCALE MOUNT
13	**6454YL1**	1	PLATE, GAUGE/VALVE MOUNT
14	**105581**	1	ASSY, TANK LID, SQUARE
15	**100216**	1	WELD, TANK LADDER, INTERNAL
16	**1155YL1**	1	WELD, SATELLITE MOUNT, DRY TANK
17	**2001**	1	ASSY., AIR COMPRESSOR, HYD., BELT DRIVE
18	**104009**	1	FAN, FERTILIZER, HYDRAULIC, HYDRO LEDUC
19	**104982**	3	CAP, PLASTIC, 1.75 IN. SQUARE, FOR INSIDE 1.490-1.580 IN.
20	**9279**	1	CLAMP, MIKALOR, 105-162 mm
21	**8106**	2	BOLT, 0.250-20 UNC-2A X 1.500 HHCS, GR. 8
22	**7796**	38	BOLT, 0.313-18 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
23	**9379**	4	BOLT, 0.313-18 UNC-2A X 1.000 RD HD SQ. NECK CARRIAGE
24	**8498**	4	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
25	**6967**	4	BOLT, 0.375-16 UNC-2A X 1.250 FLANGE, GR. 8
26	**9235**	21	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
27	**7747**	19	BOLT, 0.750-10 UNC-2A X 2.250 HHCS, GR. 8
28	**7794**	2	NUT, 0.250-20 UNC TOP LOCK HEX
29	**7797**	42	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK
30	**7792**	8	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
31	**9364**	40	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
32	**7111**	4	WASHER, 0.250 FLAT SAE NARROW SOFT
33	**9365**	24	WASHER, 0.750 FLAT SAE NARROW HARD

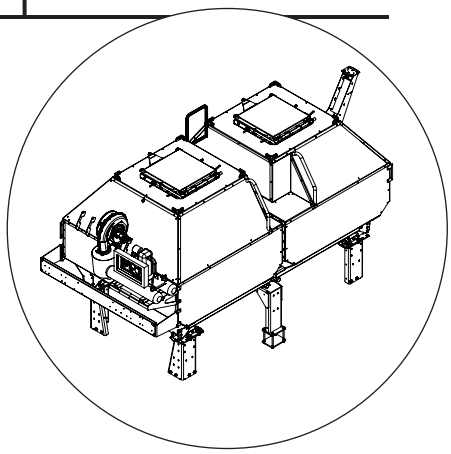
FERTILIZER TANK, DUAL 130 BU. | ITEM NO. 1090

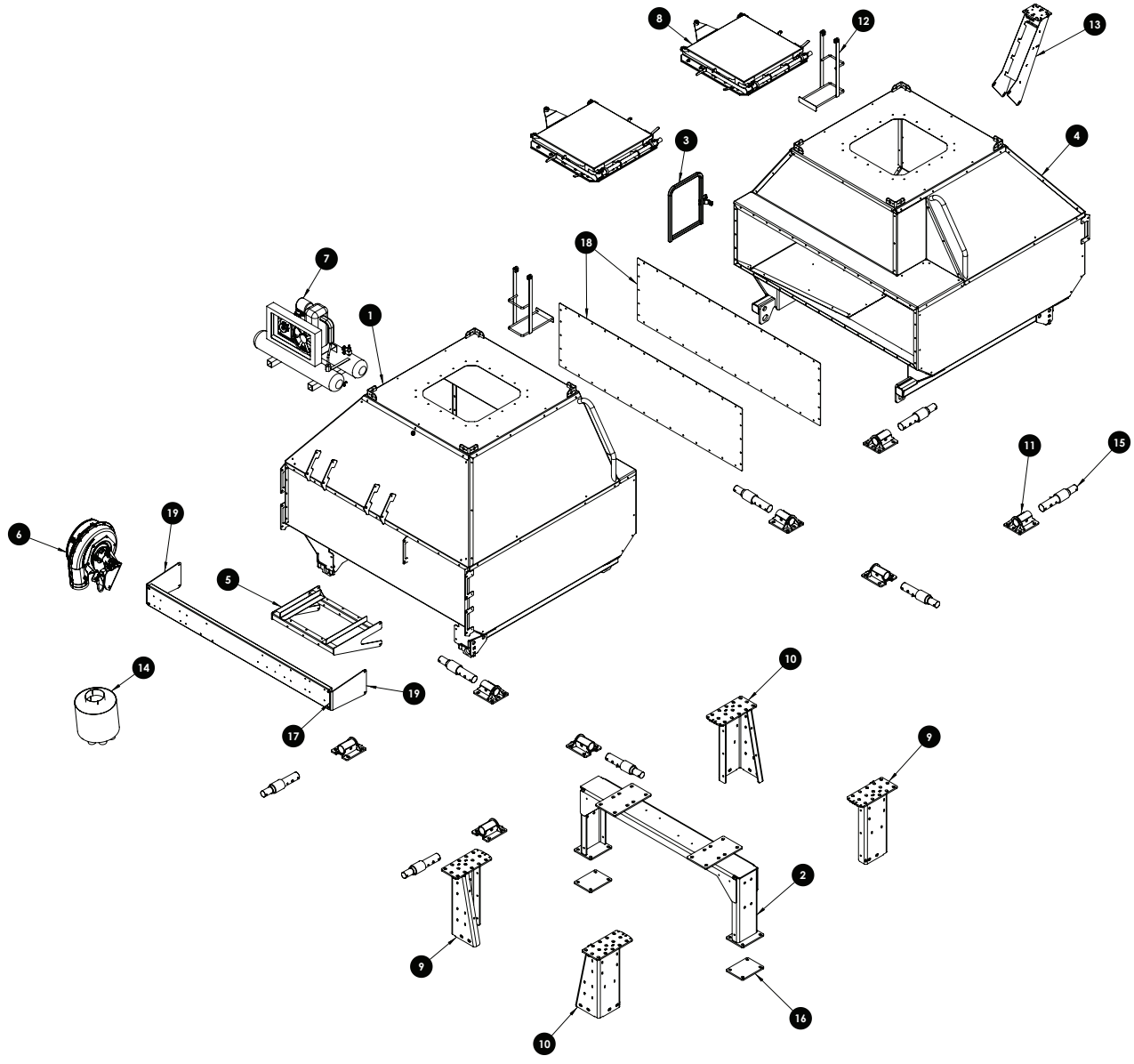




ITEM	PART NO.	QTY.	DESCRIPTION
1	**7911YL1**	1	DISTRIBUTOR, 6.000 IN. TO 9 X 2.500 IN.
2	**1111LYL1**	2	WELD, TANK STAND, LEFT
3	**1111RYL1**	2	WELD, TANK STAND, RIGHT
4	**1112YL1**	4	WELD, SCALE MOUNT
5	**103779YL1**	1	WELD, AIR COMPRESSOR MOUNT
6	**104009**	1	FAN, FERTILIZER, HYDRAULIC, HYDRO LEDUC
7	**105801YL1**	2	WELD, DRY TANK, 130 BU, SQUARE LID
8	**5570YL1**	1	PLATE, TANK DIVIDER
9	**1103**	2	WELD, TANK LADDER, INTERNAL
10	**1155YL1**	1	WELD, SATELLITE MOUNT, DRY TANK
11	**5790YL1**	2	PLATE, TANK RAIL BRIDGE
12	**105581**	2	ASSY, TANK LID, SQUARE
13	**2001**	1	ASSY., AIR COMPRESSOR, HYD., BELT DRIVE
14	**103714**	1	ASSY, TANK SAFETY RAIL
15	**6575YL1**	1	PANEL, SCALE MOUNT
16	**6576YL1**	2	BRACKET, STANDOFF, TANK MOUNT
17	**9279**	1	CLAMP, MIKALOR, 105-162 mm
18	**8106**	4	BOLT, 0.250-20 UNC-2A X 1.500 HHCS, GR. 8
19	**7796**	40	BOLT, 0.313-18 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
20	**7744**	8	BOLT, 0.500-13 UNC-2A X 1.250 HHCS, GR. 8
21	**8498**	8	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
22	**6967**	4	BOLT, 0.375-16 UNC-2A X 1.250 FLANGE, GR. 8
23	**9363**	4	BOLT, 0.750-10 UNC-2A X 1.750 HHCS, GR. 8
24	**9235**	28	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
25	**7747**	20	BOLT, 0.750-10 UNC-2A X 2.250 HHCS, GR. 8
26	**7794**	4	NUT, 0.250-20 UNC TOP LOCK HEX
27	**7797**	40	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK
28	**7792**	12	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
29	**7097**	8	NUT, 0.500-13 UNC-2B SERRATED FLANGE HEX LOCK
30	**9364**	48	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
31	**7500**	4	NUT, 0.750-10 UNC SERRATED FLANGE HEX LOCK
32	**7111**	8	WASHER, 0.250 FLAT SAE NARROW SOFT
33	**9365**	36	WASHER, 0.750 FLAT SAE NARROW HARD

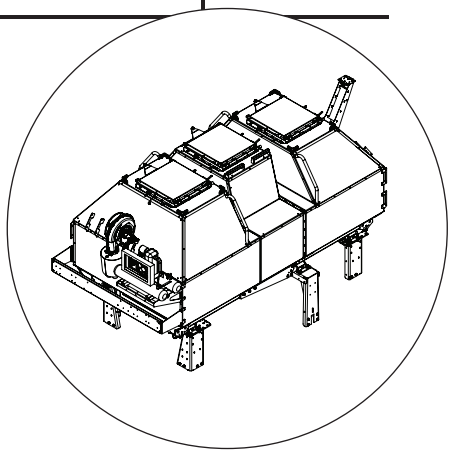
FERTILIZER TANK, DUAL 160 BU. | ITEM NO. 100721

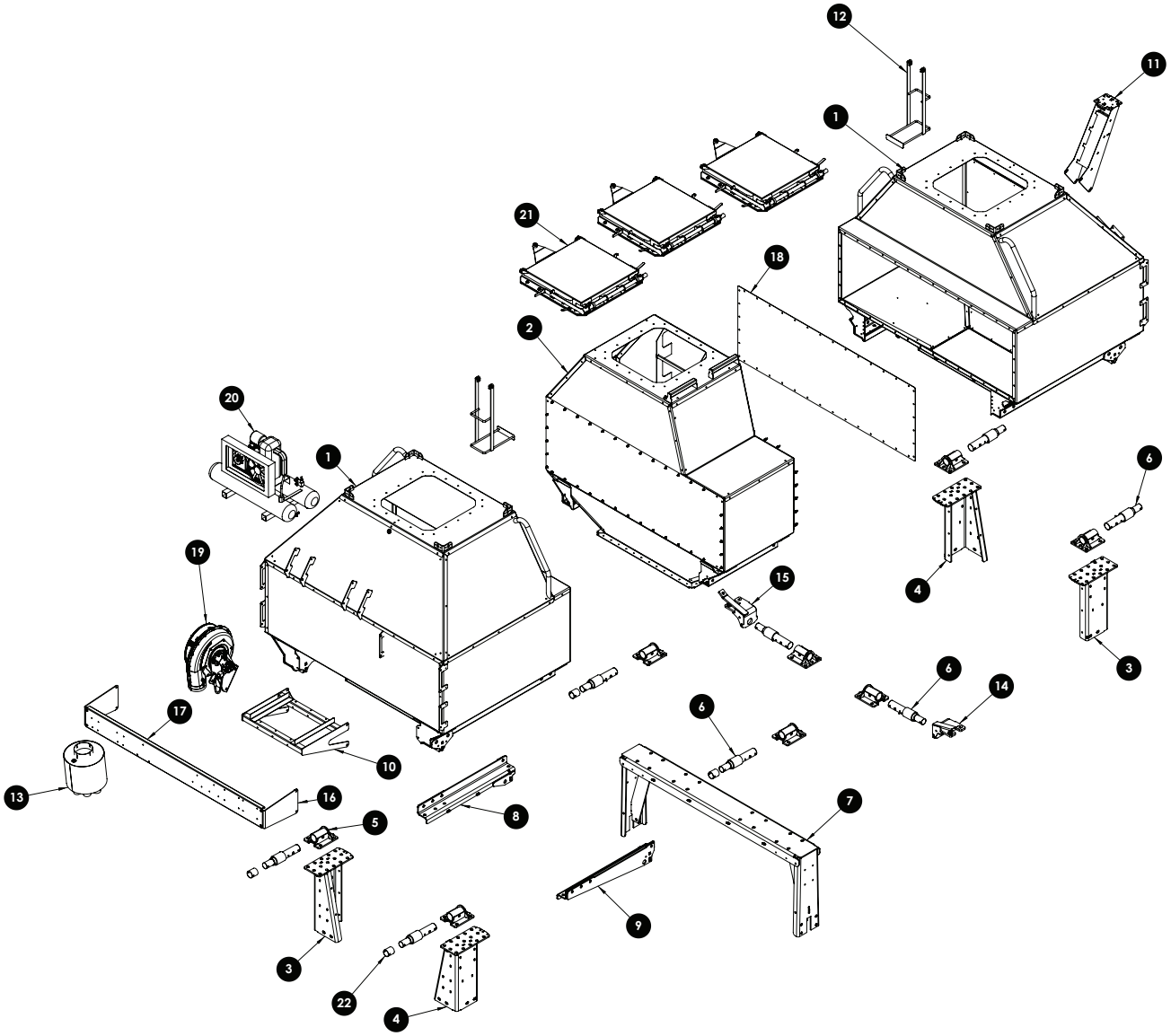




ITEM	PART NO.	QTY.	DESCRIPTION
1	105798YL1	1	WELD, DRY TANK, 160 BU, SQUARE LID, FRONT
2	100183YL1	1	WELD, CENTER SUPPORT, DUAL TANK
3	103714	1	ASSY, TANK SAFETY RAIL
4	105799YL1	1	WELD, DRY TANK, 160 BU, SQUARE LID, REAR
5	103779YL1	1	WELD, AIR COMPRESSOR MOUNT
6	104009	1	FAN, FERTILIZER, HYDRAULIC, HYDRO LEDUC
7	2001	1	ASSY., AIR COMPRESSOR, HYD., BELT DRIVE
8	105581	2	ASSY, TANK LID, SQUARE
9	1111LYL1	2	WELD, TANK STAND, LEFT
10	1111RYL1	2	WELD, TANK STAND, RIGHT
11	1112YL1	8	WELD, SCALE MOUNT
12	100216	2	WELD, TANK LADDER, INTERNAL
13	1155YL1	1	WELD, SATELLITE MOUNT, DRY TANK
14	7911YL1	1	DISTRIBUTOR, 6.000 IN. TO 9 X 2.500 IN.
15	9908	8	WEIGH BAR, 2.500 IN., 30 FT. CABLE
16	100188GY1	2	MOUNTING PLATE
17	6575YL1	1	PANEL, SCALE MOUNT
18	100218YL1	2	PANEL, TANK DIVIDER
19	6576YL1	2	BRACKET, STANDOFF, TANK MOUNT
20	9279	1	CLAMP, MIKALOR, 105-162 mm
21	8106	4	BOLT, 0.250-20 UNC-2A X 1.500 HHCS, GR. 8
22	7796	76	BOLT, 0.313-18 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
23	8498	8	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
24	6967	4	BOLT, 0.375-16 UNC-2A X 1.250 FLANGE, GR. 8
25	7744	8	BOLT, 0.500-13 UNC-2A X 1.250 HHCS, GR. 8
26	7850	8	BOLT, 0.625-11 UNC-2A X 9.000 HHCS, GR. 8
27	9235	12	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
28	7747	28	BOLT, 0.750-10 UNC-2A X 2.250 HHCS, GR. 8
29	7748	8	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
30	6903	8	BOLT, 0.750-10 UNC-2A X 4.500 HHCS, GR. 8
31	7794	4	NUT, 0.250-20 UNC TOP LOCK HEX
32	7797	76	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK
33	7792	12	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
34	7097	8	NUT, 0.500-13 UNC-2B SERRATED FLANGE HEX LOCK
35	100631	8	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC
36	9364	48	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
37	7481	8	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
38	7111	8	WASHER, 0.250 FLAT SAE NARROW SOFT
39	9180	8	WASHER, 0.625 FLAT, SAE NARROW HARD
40	9365	32	WASHER, 0.750 FLAT SAE NARROW HARD

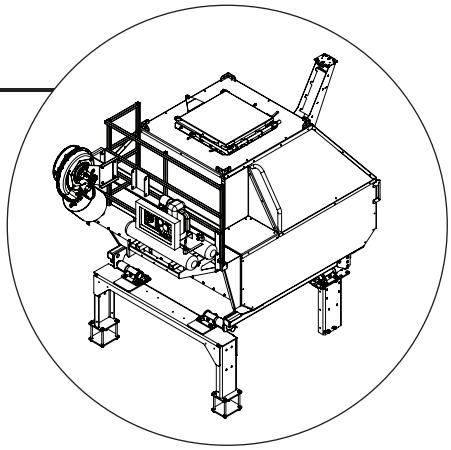
FERTILIZER TANK, TRIPLE, XL, SINGLE FAN | ITEM NO. 102678

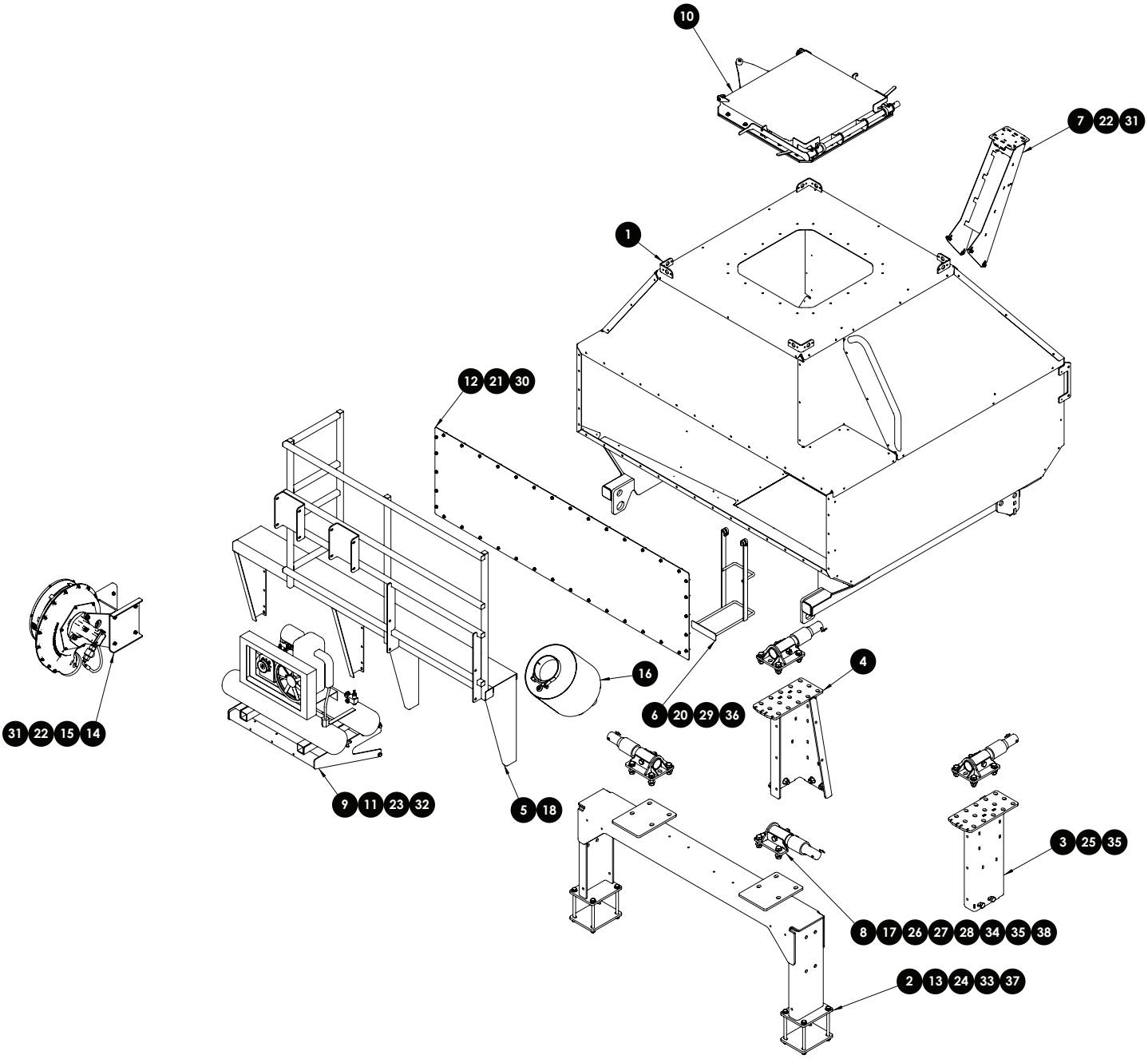




ITEM	PART NO.	QTY.	DESCRIPTION
1	**105801YL1**	2	WELD, DRY TANK, 130 BU, SQUARE LID
2	**105803YL1**	1	WELD, DRY TANK, 73 BU, SQUARE LID
3	**1111LYL1**	2	WELD, TANK STAND, LEFT
4	**1111RYL1**	2	WELD, TANK STAND, RIGHT
5	**1112YL1**	8	WELD, SCALE MOUNT
6	**9908**	8	WEIGH BAR, 2.500 IN., 30 FT. CABLE
7	**1934YL1**	1	WELD, XXL CART, CENTER STAND
8	**1937RYL1**	1	WELD, TANK CENTER MOUNT, RIGHT
9	**1937LYL1**	1	WELD, TANK CENTER MOUNT, LEFT
10	**103779YL1**	1	WELD, AIR COMPRESSOR MOUNT
11	**1155YL1**	1	WELD, SATELLITE MOUNT, DRY TANK
12	**1103**	2	WELD, TANK LADDER, INTERNAL
13	**7911YL1**	1	DISTRIBUTOR, 6.000 IN. TO 9 X 2.500 IN.
14	**1938LYL1**	1	BRACKET, SCALE MOUNT, REAR TANK, LEFT
15	**1938RYL1**	1	BRACKET, SCALE MOUNT, REAR TANK, RIGHT
16	**6576YL1**	2	BRACKET, STANDOFF, TANK MOUNT
17	**6575YL1**	1	PANEL, SCALE MOUNT
18	**5570YL1**	2	PLATE, TANK DIVIDER
19	**104009**	1	FAN, FERTILIZER, HYDRAULIC, HYDRO LEDUC
20	**2001**	1	ASSY., AIR COMPRESSOR, HYD., BELT DRIVE
21	**105581**	3	ASSY, TANK LID, SQUARE
22	**6577**	4	BUSHING, SCALE SPACER
23	**9279**	1	CLAMP, MIKALOR, 105-162 mm
24	**8106**	4	BOLT, 0.250-20 UNC-2A X 1.500 HHCS, GR. 8
25	**7796**	80	BOLT, 0.313-18 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
26	**8498**	8	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
27	**6967**	4	BOLT, 0.375-16 UNC-2A X 1.250 FLANGE, GR. 8
28	**7559**	4	BOLT, 0.375-16 UNC-2A X 3.000 HHCS, GR. 8
29	**7744**	8	BOLT, 0.500-13 UNC-2A X 1.250 HHCS, GR. 8
30	**9235**	22	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
31	**7747**	50	BOLT, 0.750-10 UNC-2A X 2.250 HHCS, GR. 8
32	**7748**	8	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
33	**7794**	4	NUT, 0.250-20 UNC TOP LOCK HEX
34	**7797**	80	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK
35	**7792**	12	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
36	**9361**	4	NUT, 0.375-16 UNC TOP LOCK HEX GR. C
37	**7097**	8	NUT, 0.500-13 UNC-2B SERRATED FLANGE HEX LOCK
38	**7500**	6	NUT, 0.750-10 UNC SERRATED FLANGE HEX LOCK
39	**9364**	72	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
40	**7111**	8	WASHER, 0.250 FLAT SAE NARROW SOFT
41	**9365**	54	WASHER, 0.750 FLAT SAE NARROW HARD

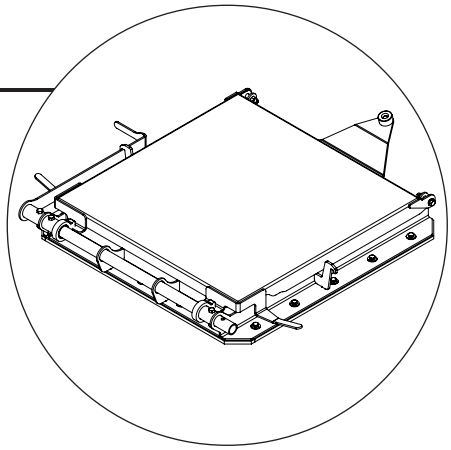
DRY, 4500 XL COMBO | ITEM NO. 105452

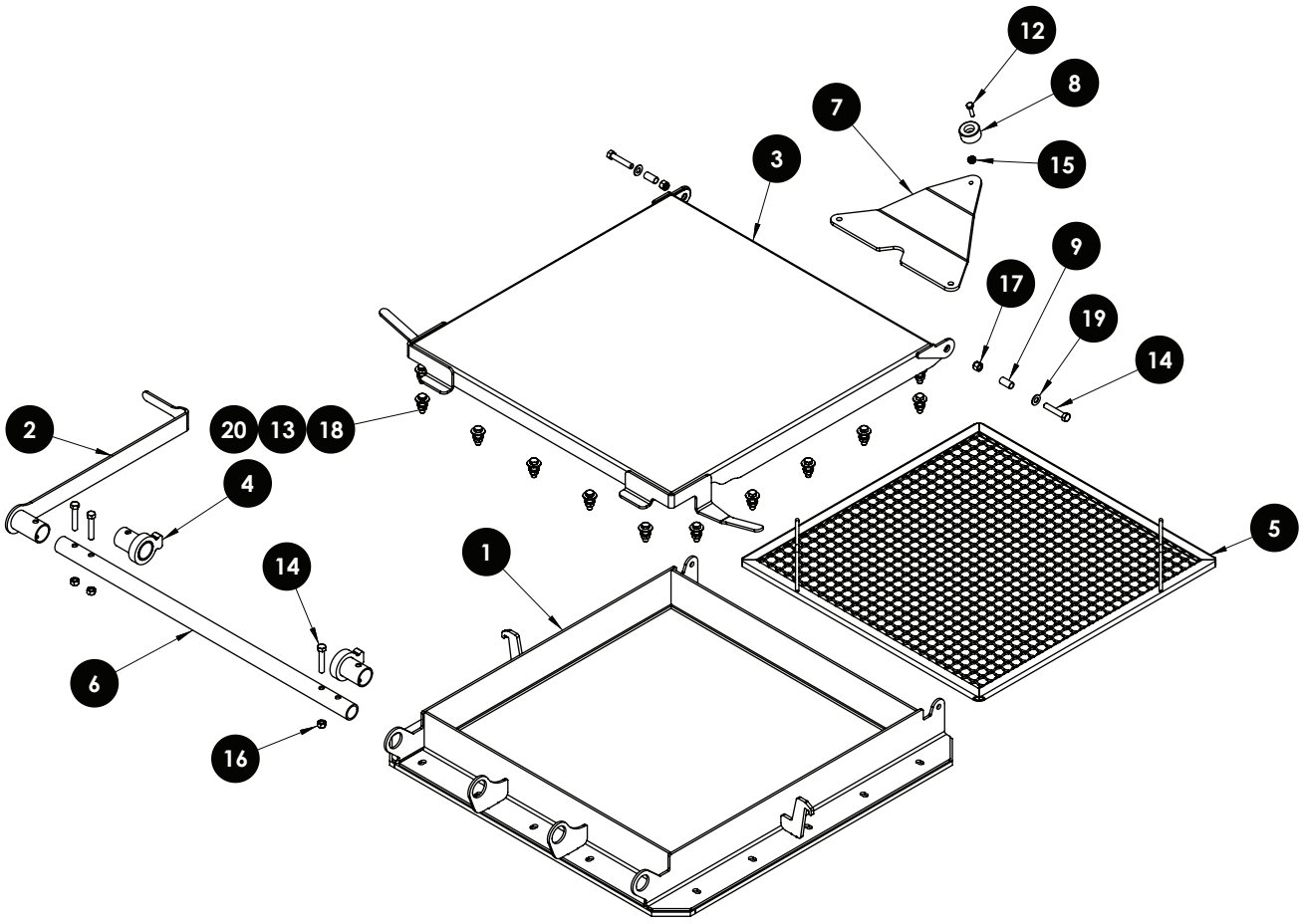




ITEM	PART NO.	QTY.	DESCRIPTION
1	**105799YL1**	1	WELD, DRY TANK, 160 BU, SQUARE LID, REAR
2	**105453YL1**	1	WELD, FRONT TANK STAND, DRY, 4500 XL COMBO
3	**1111LYL1**	1	WELD, TANK STAND, LEFT
4	**1111RYL1**	1	WELD, TANK STAND, RIGHT
5	**105455YL1**	1	WELD, CATWALK, 4500 XL COMBO
6	**100216**	1	WELD, TANK LADDER, INTERNAL
7	**1155YL1**	1	WELD, SATELLITE MOUNT, DRY TANK
8	**1112YL1**	4	WELD, SCALE MOUNT
9	**103779YL1**	1	WELD, AIR COMPRESSOR MOUNT
10	**105581**	1	ASSY, TANK LID, SQUARE
11	**2001**	1	ASSY., AIR COMPRESSOR, HYD., BELT DRIVE
12	**100218YL1**	1	PANEL, TANK DIVIDER
13	**100188GY1**	2	MOUNTING PLATE
14	**105468YL1**	2	PLATE, FAN MOUNT, 4500 XL COMBO
15	**104009**	1	FAN, FERTILIZER, HYDRAULIC, HYDRO LEDUC
16	**7911YL1**	1	DISTRIBUTOR, 6.000 IN. TO 9 X 2.500 IN.
17	**9908**	4	WEIGH BAR, 2.500 IN., 30 FT. CABLE
18	**104064**	12	CAP, PLASTIC, 1.125 IN. SQUARE, FOR INSIDE 0.960-1.050 IN.
19	**9279**	1	CLAMP, MIKALOR, 105-162 mm
20	**8106**	2	BOLT, 0.250-20 UNC-2A X 1.500 HHCS, GR. 8
21	**7796**	38	BOLT, 0.313-18 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
22	**8498**	12	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
23	**7744**	4	BOLT, 0.500-13 UNC-2A X 1.000 HHCS, GR. 8
24	**7850**	8	BOLT, 0.625-11 UNC-2A X 9.000 HHCS, GR. 8
25	**9235**	7	BOLT, 0.750-10 UNC-2A X 2.000 HHCS, GR. 8
26	**7747**	13	BOLT, 0.750-10 UNC-2A X 2.250 HHCS, GR. 8
27	**7748**	4	BOLT, 0.750-10 UNC-2A X 2.500 HHCS, GR. 8
28	**6903**	4	BOLT, 0.750-10 UNC-2A X 4.500 HHCS, GR. 8
29	**7794**	2	NUT, 0.250-20 UNC TOP LOCK HEX
30	**7797**	38	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK
31	**7792**	12	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
32	**7097**	4	NUT, 0.500-13 UNC-2B SERRATED FLANGE HEX LOCK
33	**100631**	8	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC
34	**7481**	4	NUT, 0.750-10 UNC TOP LOCK, HEX GR. C, ZINC
35	**9364**	24	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
36	**7111**	4	WASHER, 0.250 FLAT SAE NARROW SOFT
37	**9180**	8	WASHER, 0.625 FLAT, SAE NARROW HARD
38	**9365**	16	WASHER, 0.750 FLAT SAE NARROW HARD

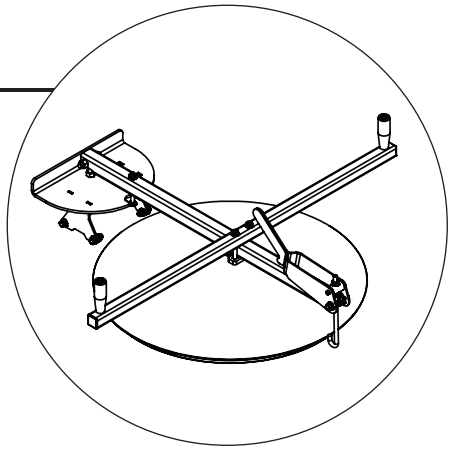
TANK LID, SQUARE | ITEM NO. 105581

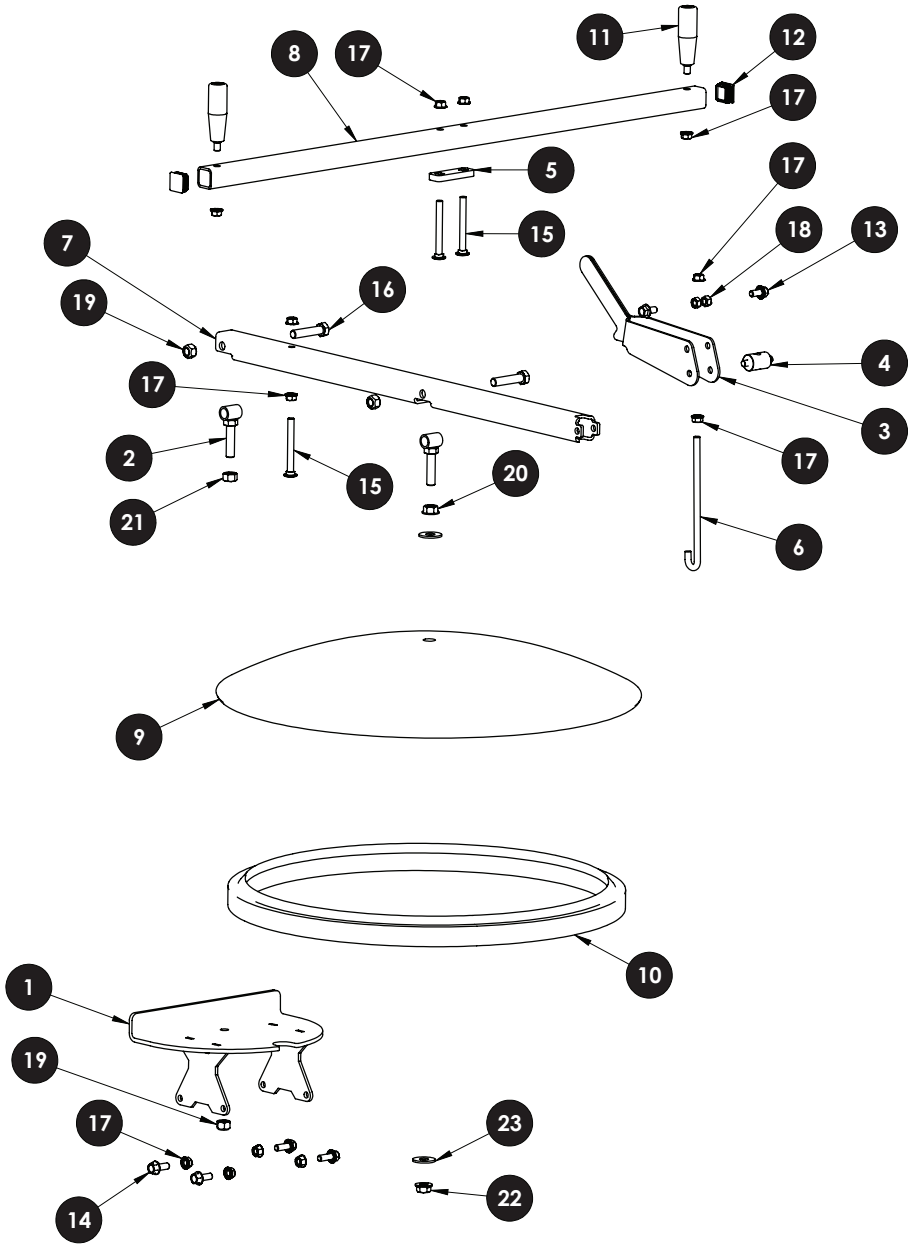




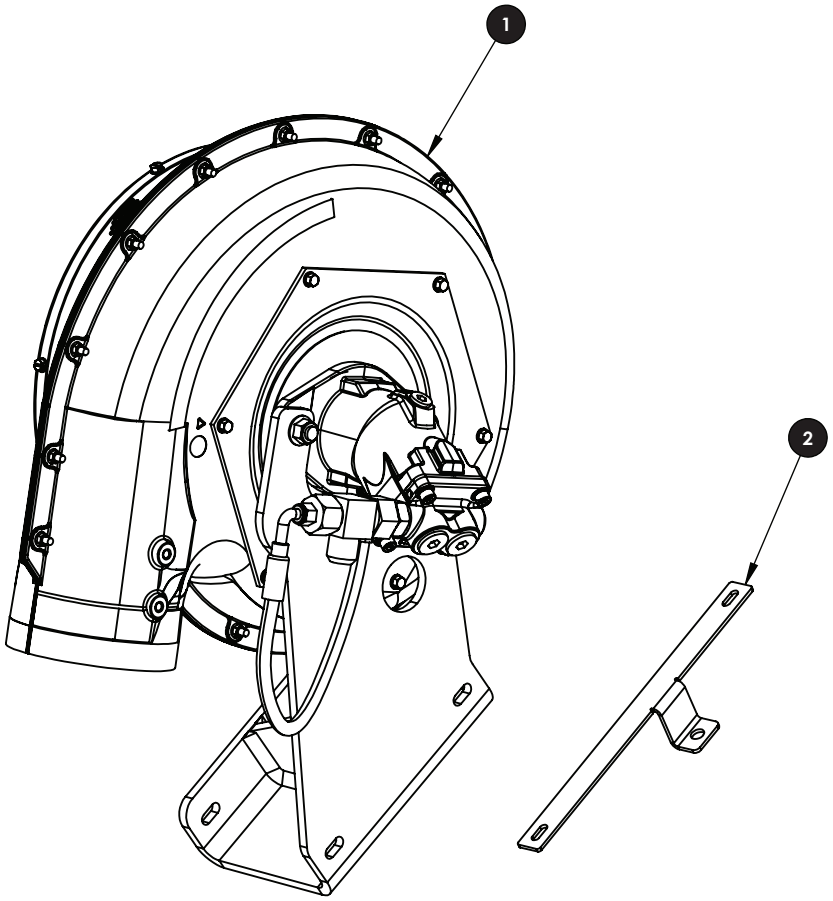
ITEM	PART NO.	QTY.	DESCRIPTION
1	**105582BK2**	1	WELD, TANK LID, SQUARE, BASE
2	**105595BK2**	1	WELD, TANK LID, SQUARE, HANDLE
3	**105588BK2**	1	WELD, TANK LID, SQUARE
4	**105598BK2**	2	WELD, TANK LID, SQUARE, LOCK COLLAR
5	**105795BK2**	1	WELD, TANK SCREEN, SQUARE LID
6	**105600BK2**	1	TUBE, TANK LID, HANDLE PIVOT
7	**105794BK2**	1	PLATE, BUMPER, TANK LID, SQUARE
8	**8339**	1	BUMPER, RUBBER, 1.50 DIA. X 0.750 X 0.25 THRU HOLE
9	**105601**	2	BUSHING, TANK LID, HINGE, SS
10	**106578**	4	FOAM, SQUARE LID SEAL
11	**106579**	4	FOAM, SQUARE LID BASE SEAL
12	**7116**	1	BOLT, 0.250-20 UNC-2A X 1.000 HHCS, GR. 5
13	**7919**	20	BOLT, 0.375-16 UNC-2A X 1.250 HHCS, SS
14	**9965**	5	BOLT, 0.375-16 UNC-2A X 2.000, HHCS GR. 8
15	**9441**	1	NUT, 0.250-20 UNC-2B SERRATED FLANGE HEX LOCK
16	**9361**	3	NUT, 0.375-16 UNC TOP LOCK HEX GR. C
17	**7144**	2	NUT, 0.375-16 UNC, LOCK, NYLON INSERT, GR. 8
18	**9877**	20	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK, SS
19	**9444**	2	WASHER, 0.375 FLAT SAE NARROW, HARD
20	**105886**	20	WASHER, 0.375 X 1.000 BONDED SEAL, SS

LID, DRY TANK | ITEM NO. 1118



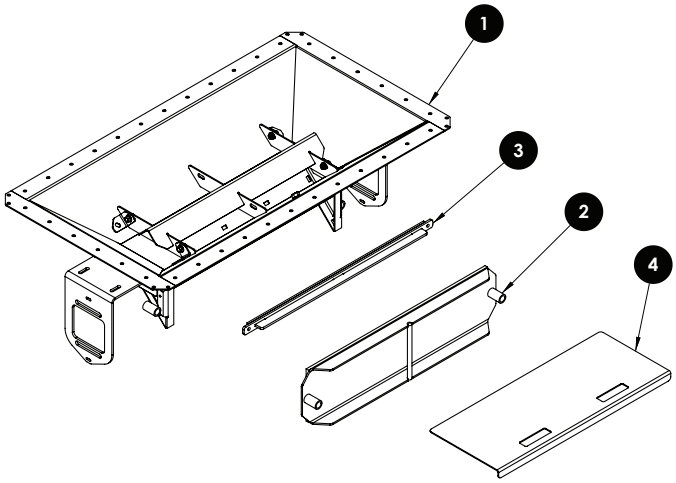


ITEM	PART NO.	QTY.	DESCRIPTION
1	**1119S**	1	WELD, TANK LID PIVOT
2	**1116S**	2	WELD, LID PIVOT, SS
3	**1117S**	1	WELD, HANDLE, TANK LID
4	**5607S**	1	PIVOT, TANK LID J-BOLT
5	**104062**	1	PLATE, STRAP, LID HANDLE
6	**5609S**	1	ANCHOR BOLT, 0.375-16 UNC-A2, J-HOOK
7	**5602S**	1	TUBE, TANK LID MOUNT, STAINLESS
8	**104061**	1	TUBE, TANK LID HANDLE, SS
9	**5600BK2**	1	LID, DRY TANK, 26 IN. DISK BLADE
10	**5601**	1	SEAL, LID, DRY TANK LID, 26.00 IN.
11	**104063**	2	HANDLE, ROTATING, 0.375-16 UNC
12	**104064**	2	PLUG, PLASTIC CAP, 1.250 X 1.250 TUBE
13	**9878**	2	BOLT, 0.375-16 UNC-2A X 0.750 SERRATED FLANGE, SS
14	**8498**	4	BOLT, 0.375-16 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
15	**104065**	3	BOLT, 0.375-16 UNC-2A X 3.500 CARRIAGE, STAINLESS STEEL
16	**9034**	2	BOLT, 0.500-13 UNC-2A X 2.250 HHCS, GR. 5
17	**9877**	12	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK, SS
18	**9361**	2	NUT, 0.375-16 UNC TOP LOCK HEX GR. C
19	**7623**	3	NUT, 0.500-13 UNC TOP LOCK, HEX GR. C, ZINC
20	**7097**	1	NUT, 0.500-13 UNC-2B SERRATED FLANGE HEX LOCK
21	**7790**	1	NUT, 0.500-13 UNC-2B FINISHED HEX GR. 8
22	**7666**	1	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
23	**7664**	2	WASHER 0.500 FLAT USS HARD



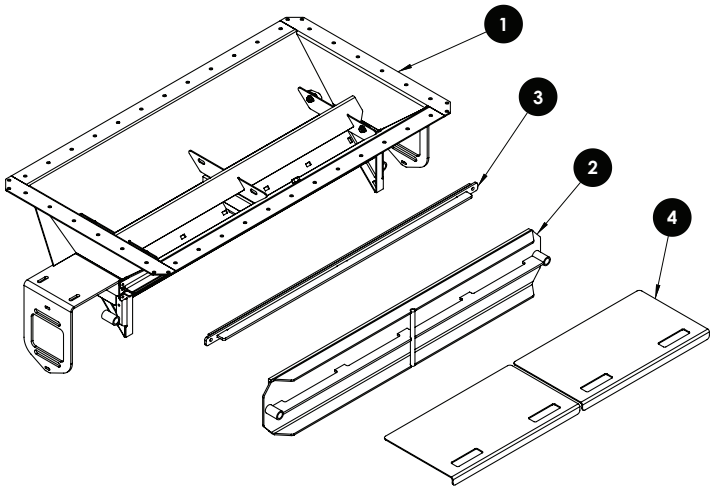
ITEM	PART NO.	QTY.	DESCRIPTION
1	**104009**	1	FAN, FERTILIZER, HYDRAULIC
2	**102179BK2**	1	PLATE, SPEED SENSOR BRACKET, FAN
3	**8097**	1	GAUGE, WATER COLUMN

TANK ADAPTERS



8-RUN

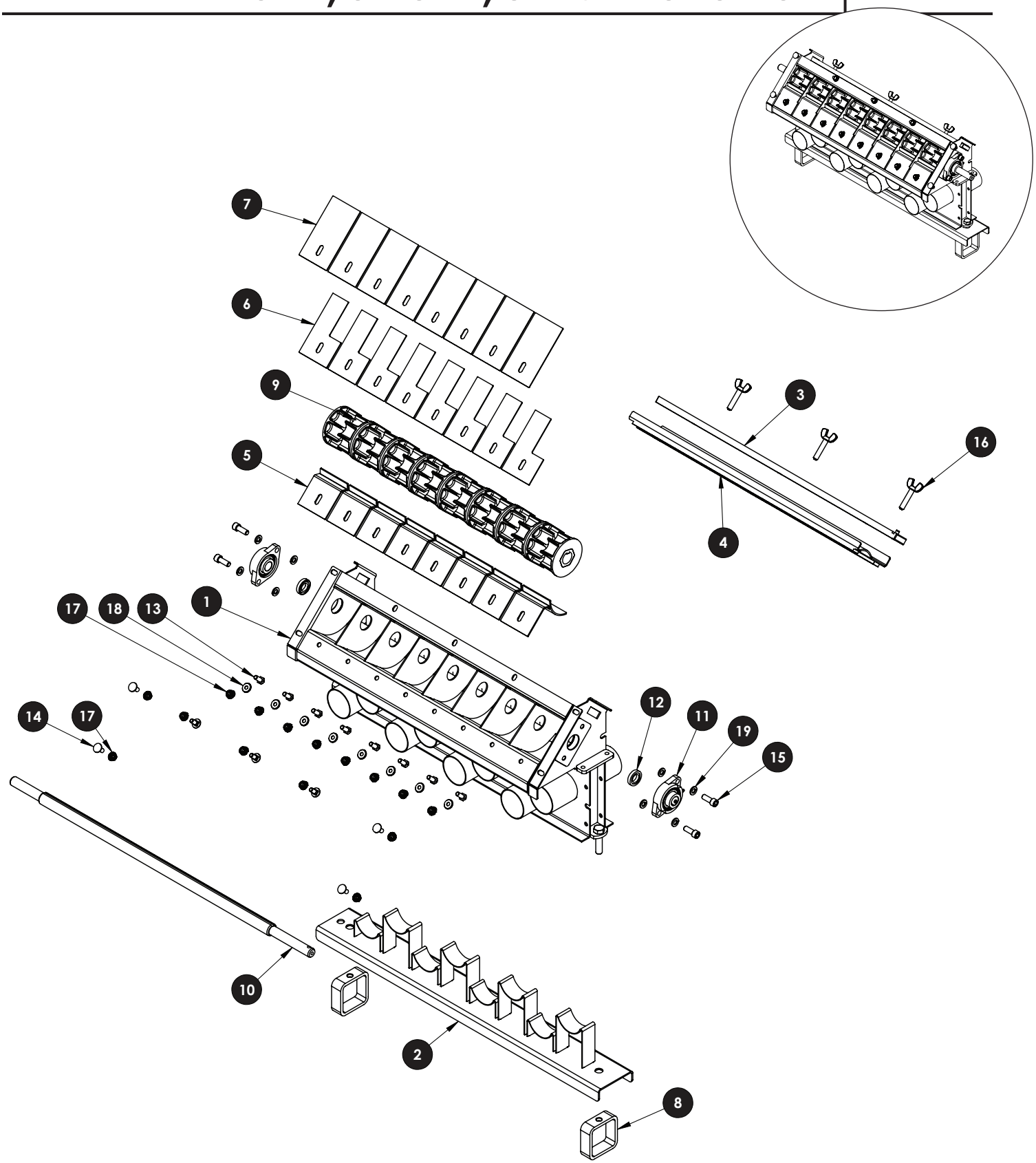
ITEM	PART NO.	QTY.	DESCRIPTION
1	**102165**	1	ASSY., TANK ADAPTER, 8 RUN, DUAL MOTOR, SS
2	**9926**	1	ASSEMBLY, DOOR COVER AND SEAL, 8 PORT
3	**1486**	1	COVER, SLIDING DOOR, METER BODY
4	**4188**	1	PLATE, METER BLOCK OFF DOOR, 8 PORT



12-RUN

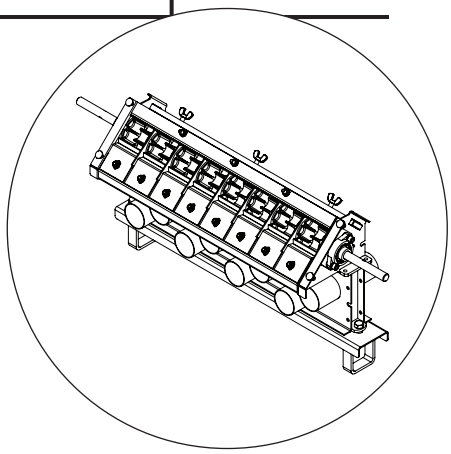
ITEM	PART NO.	QTY.	DESCRIPTION
1	**102466**	1	ASSY., TANK ADAPTER, 12 RUN, DUAL MOTOR, SS
2	**8978**	1	ASSEMBLY, DOOR COVER AND SEAL, 12 PORT
3	**8995**	1	ASSY., ADAPTER, 12 RUN T-BAR
4	**8989**	2	PLATE, METER BLOCK OFF DOOR, 12 PORT

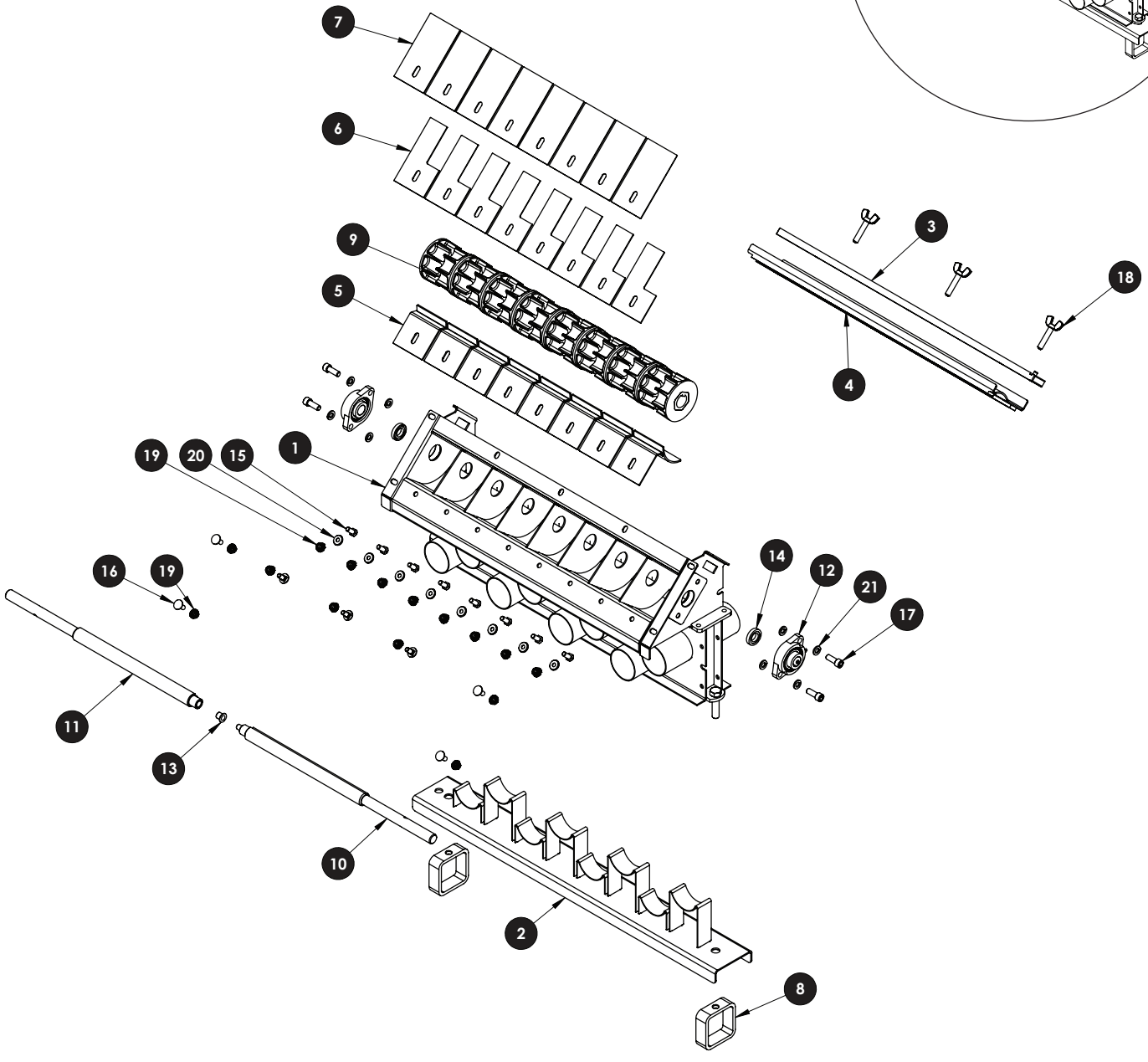
METER BODY, 8 PORT, SINGLE SECTION | ITEM NO. 103596



ITEM	PART NO.	QTY.	DESCRIPTION
1	**101568**	1	WELD, METER BODY, SS, 8 PORT
2	**101569**	1	WELD, COLLECTOR, METER BODY, 8 PORT
3	**101571**	1	ASSEMBLY, RETAIN BAR, METER BODY, 8 PORT
4	**101572**	1	ASSEMBLY, COVER, METER BODY, 8 PORT
5	**103344**	8	SLIDER, FERTILIZER METER PORT, 2.95 IN. WIDE
6	**103343**	8	PLATE, RESTRICTOR, METER BODY
7	**8671**	8	BLOCK OFF PLATE, METER BODY
8	**100120**	2	TUBE, 3.00 X 3.00 X 0.250, 1.00 IN. LONG
9	**103362**	16	WHEEL, METERING, ROUND SHAFT, 1.48 IN. WIDE
10	**9525**	1	SHAFT, METER BODY, SS, 8 PORT
11	**102116**	2	BEARING, 2 BOLT FLANGE, 0.750 IN. DIAMETER , SS
12	**8720**	2	SEAL, METER WHEEL
13	**9802**	8	BOLT, 0.313-18 UNC-2A X 0.750 HHCS, SS
14	**9875**	7	BOLT, 0.313-18 UNC-2A X 0.750 CARRIAGE, SS
15	**102203**	4	BOLT, 0.375-16 UNC-2A X 1.000 SHCS, SS
16	**100037**	3	BOLT, SS METER BODY COVER
17	**9876**	15	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK, SS
18	**101609**	8	WASHER, 0.313 X 0.750 BONDED SEAL
19	**102230**	8	WASHER, 0.375 SPLIT LOCK, SS
20	**104255-SK**	1	KIT, FOAM REPLACEMENT, 8 RUN METER

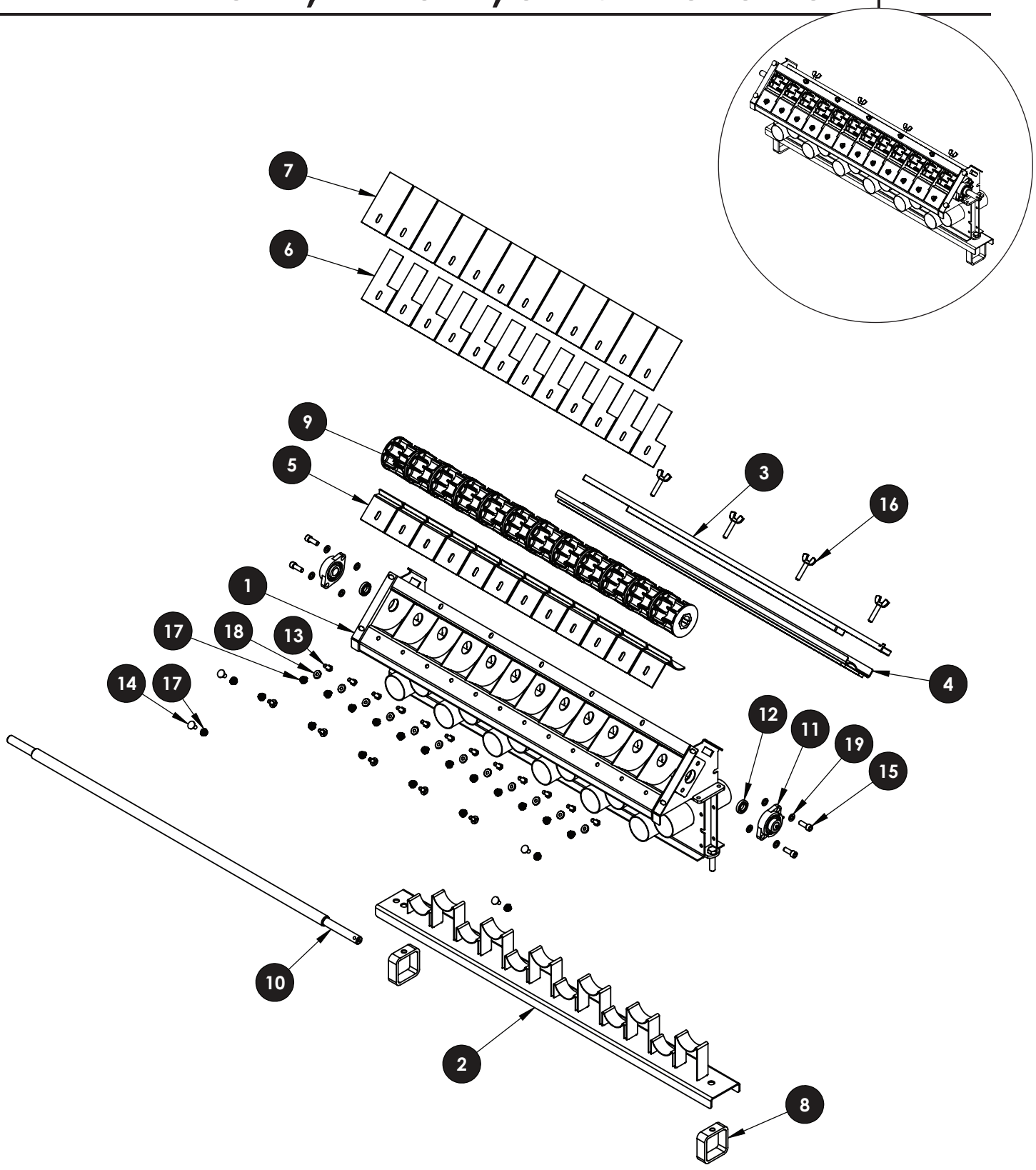
METER BODY, 8 PORT, DUAL SECTION | ITEM NO. 103597





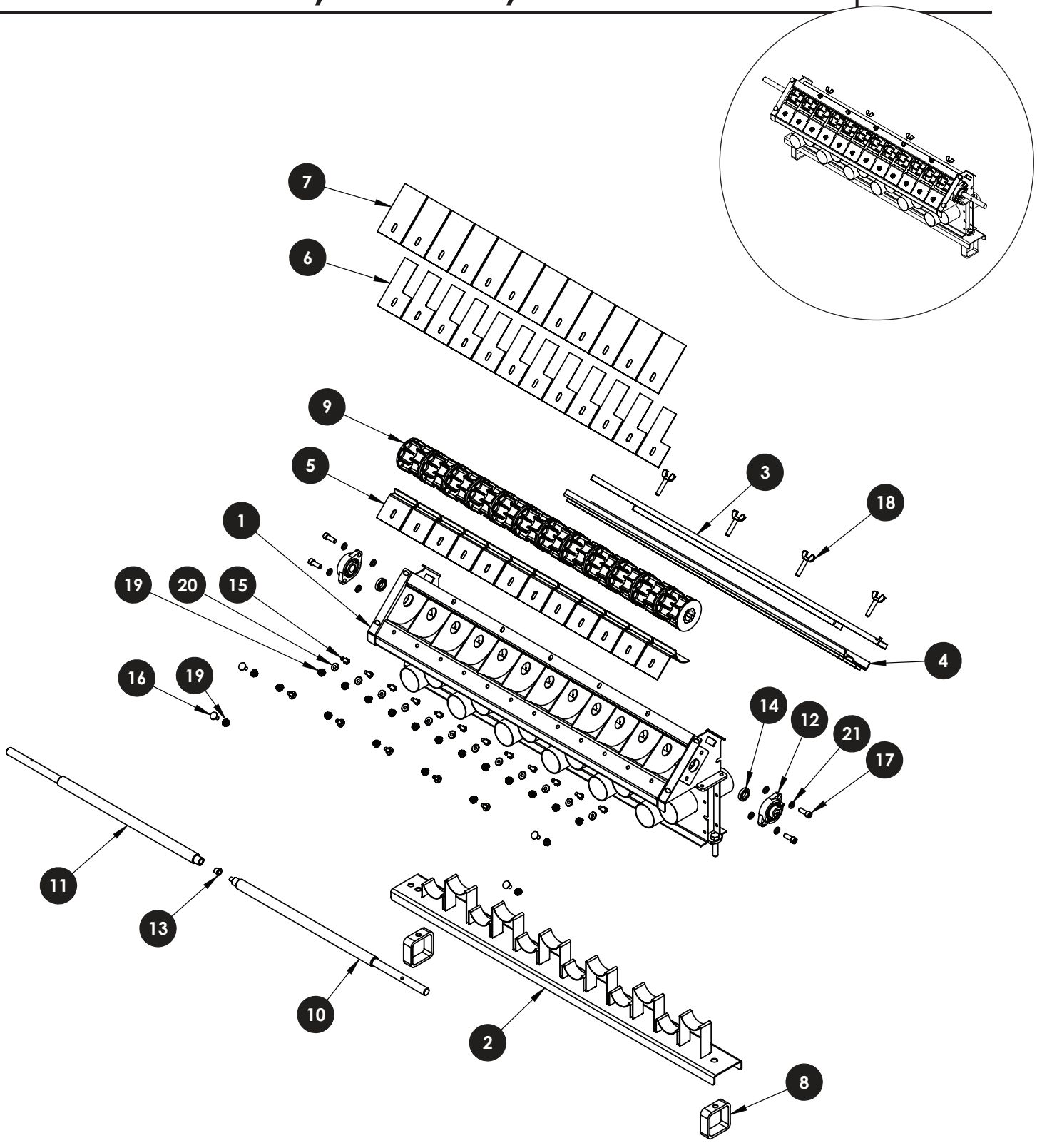
ITEM	PART NO.	QTY.	DESCRIPTION
1	**101568**	1	WELD, METER BODY, SS, 8 PORT
2	**101569**	1	WELD, COLLECTOR, METER BODY, 8 PORT
3	**101571**	1	ASSEMBLY, RETAIN BAR, METER BODY, 8 PORT
4	**101572**	1	ASSEMBLY, COVER, METER BODY, 8 PORT
5	**103344**	8	SLIDER, FERTILIZER METER PORT, 2.95 IN. WIDE
6	**103343**	8	PLATE, RESTRICTOR, METER BODY
7	**8671**	8	BLOCK OFF PLATE, METER BODY
8	**100120**	2	TUBE, 3.00 X 3.00 X 0.250, 1.00 IN. LONG
9	**103362**	16	WHEEL, METERING, ROUND SHAFT, 1.48 IN. WIDE
10	**103933**	1	SHAFT, DUAL SECTION, 8 PORT METER, PRIMARY
11	**103934**	1	SHAFT, DUAL SECTION, 8 PORT METER, SECONDARY
12	**102116**	2	BEARING, 2 BOLT FLANGE, 0.750 IN. DIAMETER , SS
13	**102471**	1	BEARING, PLAIN, FLANGED, 0.375 X 0.500
14	**8720**	2	SEAL, METER WHEEL
15	**9802**	8	BOLT, 0.313-18 UNC-2A X 0.750 HHCS, SS
16	**9875**	7	BOLT, 0.313-18 UNC-2A X 0.750 CARRIAGE, SS
17	**102203**	4	BOLT, 0.375-16 UNC-2A X 1.000 SHCS, SS
18	**100037**	3	BOLT, SS METER BODY COVER
19	**9876**	15	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK, SS
20	**101609**	8	WASHER, 0.313 X 0.750 BONDED SEAL
21	**102230**	8	WASHER, 0.375 SPLIT LOCK, SS
22	**104255-SK**	1	KIT, FOAM REPLACEMENT, 8 RUN METER

METER BODY, 12 PORT, SINGLE SECTION | ITEM NO. 103598



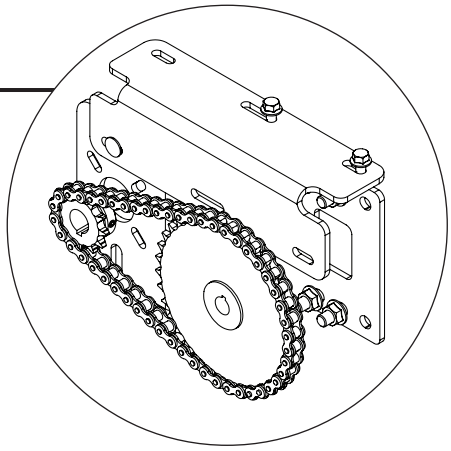
ITEM	PART NO.	QTY.	DESCRIPTION
1	**101611**	1	WELD, METER BODY, SS, 12 PORT
2	**101612**	1	WELD, COLLECTOR, METER BODY, 12 PORT
3	**101613**	1	ASSEMBLY, RETAIN BAR, METER BODY, 12 PORT
4	**101614**	1	ASSEMBLY, COVER, METER BODY, 12 PORT
5	**103344**	12	SLIDER, FERTILIZER METER PORT, 2.95 IN. WIDE
6	**103343**	12	PLATE, RESTRICTOR, METER BODY
7	**8671**	12	BLOCK OFF PLATE, METER BODY
8	**100120**	2	TUBE, 3.00 X 3.00 X 0.250, 1.00 IN. LONG
9	**103362**	24	WHEEL, METERING, ROUND SHAFT, 1.48 IN. WIDE
10	**8988**	1	SHAFT, METER BODY, SS, 12 PORT
11	**102116**	2	BEARING, 2 BOLT FLANGE, 0.750 IN. DIAMETER , SS
12	**8720**	2	SEAL, METER WHEEL
13	**9802**	12	BOLT, 0.313-18 UNC-2A X 0.750 HHCS, SS
14	**9875**	9	BOLT, 0.313-18 UNC-2A X 0.750 CARRIAGE, SS
15	**102203**	4	BOLT, 0.375-16 UNC-2A X 1.000 SHCS, SS
16	**100037**	4	BOLT, SS METER BODY COVER
17	**9876**	21	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK, SS
18	**101609**	12	WASHER, 0.313 X 0.750 BONDED SEAL
19	**102230**	8	WASHER, 0.375 SPLIT LOCK, SS
20	**104256-SK**	1	KIT, FOAM REPLACEMENT, 12 RUN METER

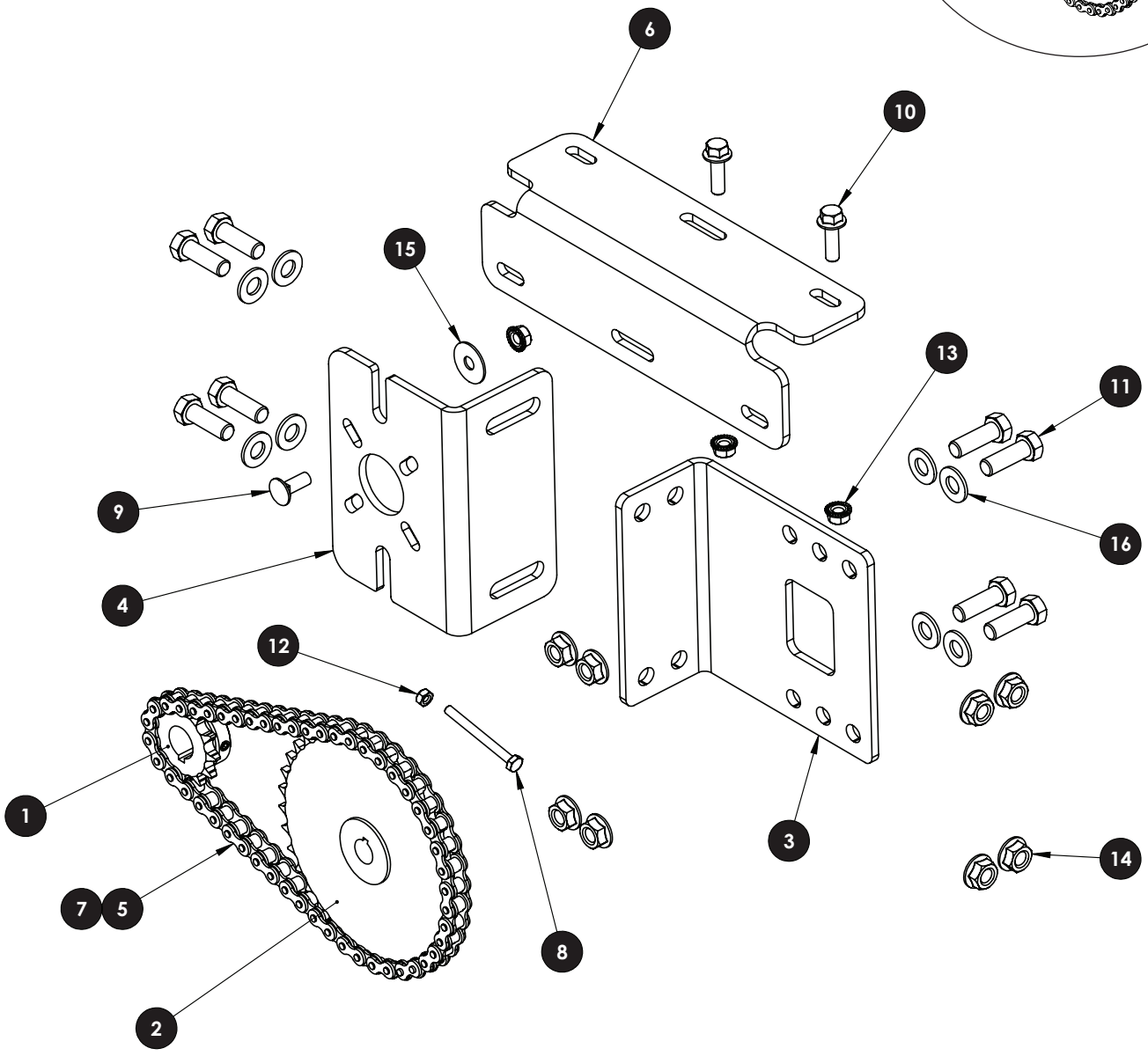
METER BODY, 12 PORT, DUAL SECTION | ITEM NO. 103599



ITEM	PART NO.	QTY.	DESCRIPTION
1	**101611**	1	WELD, METER BODY, SS, 12 PORT
2	**101612**	1	WELD, COLLECTOR, METER BODY, 12 PORT
3	**101613**	1	ASSEMBLY, RETAIN BAR, METER BODY, 12 PORT
4	**101614**	1	ASSEMBLY, COVER, METER BODY, 12 PORT
5	**103344**	12	SLIDER, FERTILIZER METER PORT, 2.95 IN. WIDE
6	**103343**	12	PLATE, RESTRICTOR, METER BODY
7	**8671**	12	BLOCK OFF PLATE, METER BODY
8	**100120**	2	TUBE, 3.00 X 3.00 X 0.250, 1.00 IN. LONG
9	**103362**	24	WHEEL, METERING, ROUND SHAFT, 1.48 IN. WIDE
10	**103998**	1	SHAFT, DUAL SECTION, 12 PORT METER, PRIMARY
11	**103999**	1	SHAFT, DUAL SECTION, 12 PORT METER, SECONDARY
12	**102116**	2	BEARING, 2 BOLT FLANGE, 0.750 IN. DIAMETER , SS
13	**102471**	1	BEARING, PLAIN, FLANGED, 0.375 X 0.500
14	**8720**	2	SEAL, METER WHEEL
15	**9802**	12	BOLT, 0.313-18 UNC-2A X 0.750 HHCS, SS
16	**9875**	9	BOLT, 0.313-18 UNC-2A X 0.750 CARRIAGE, SS
17	**102203**	4	BOLT, 0.375-16 UNC-2A X 1.000 SHCS, SS
18	**100037**	4	BOLT, SS METER BODY COVER
19	**9876**	21	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK, SS
20	**101609**	12	WASHER, 0.313 X 0.750 BONDED SEAL
21	**102230**	8	WASHER, 0.375 SPLIT LOCK, SS
22	**104256-SK**	1	KIT, FOAM REPLACEMENT, 12 RUN METER

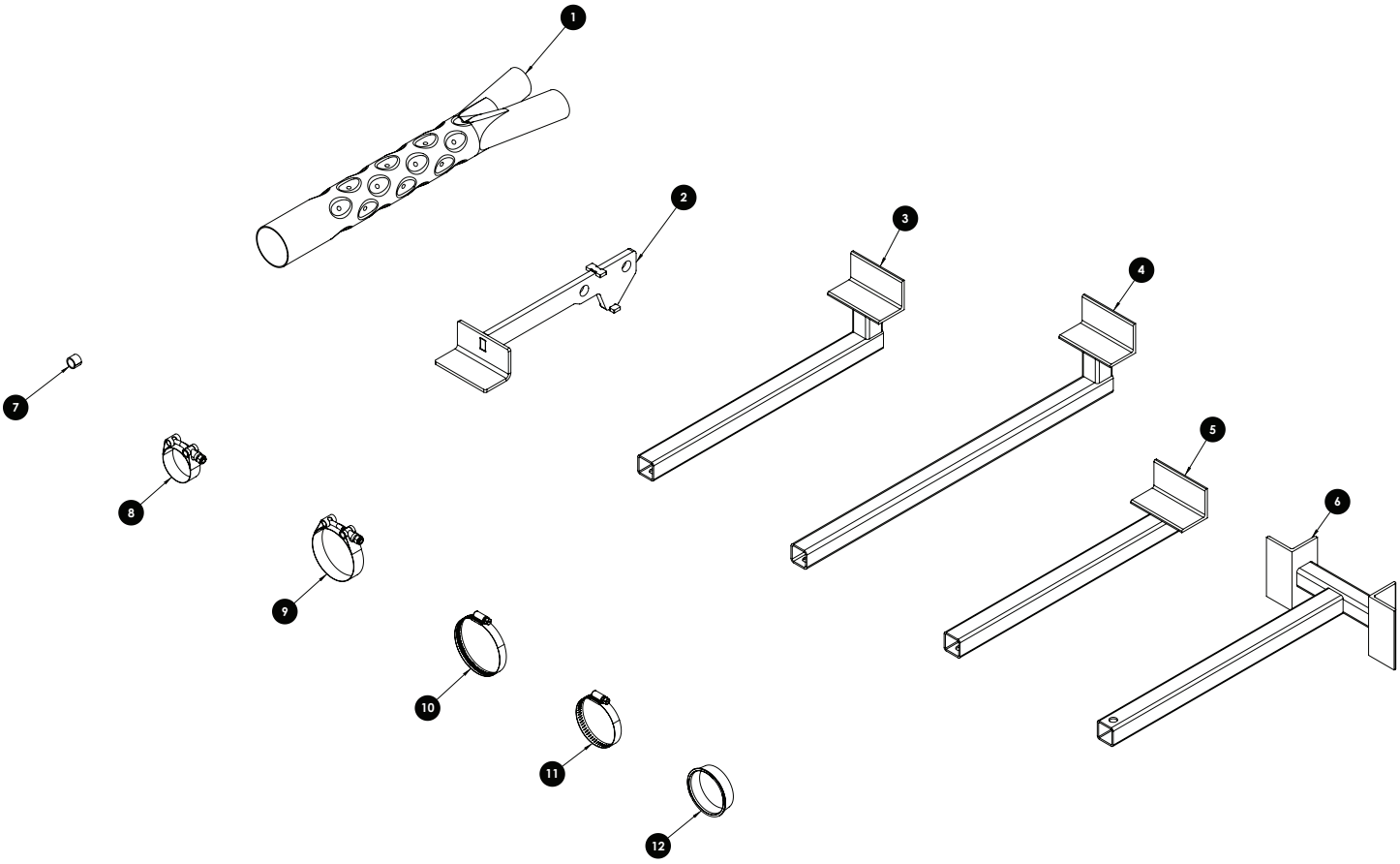
CHAIN DRIVE REDUCTION | ITEM NO. 2627



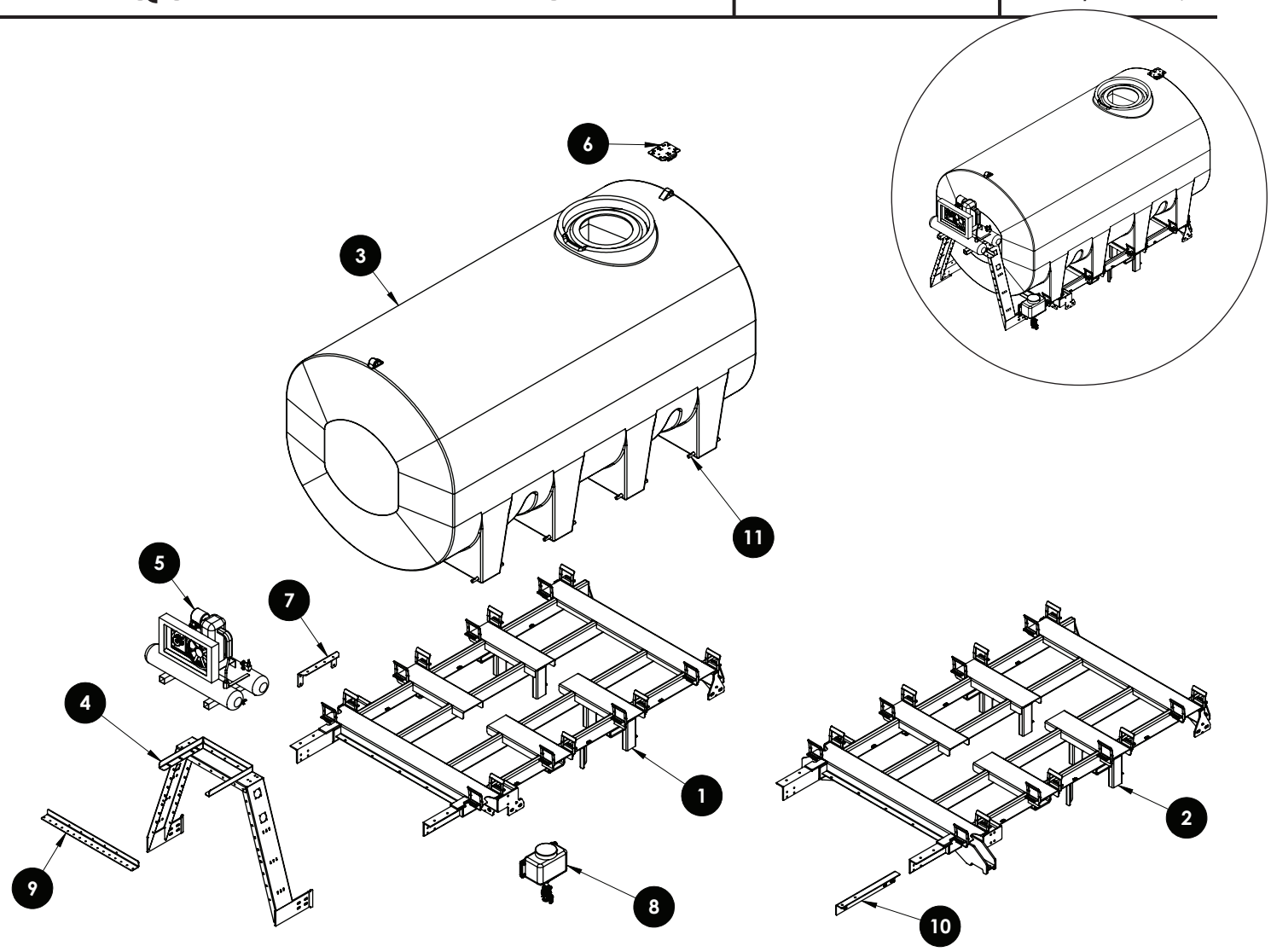


ITEM	PART NO.	QTY.	DESCRIPTION
1	**103132**	1	SPROCKET, 12 TOOTH, 50 CHAIN, 1.000 IN. BORE
2	**103133**	1	WELD, HUB SPROCKET, 50 CHAIN, 36 TOOTH
3	**4635**	1	BRACKET, MOTOR ADJUSTMENT, FERTILIZER DRIVE
4	**4636**	1	BRACKET, MOTOR MOUNT, FERTILIZER DRIVE
5	**103130**	1	CHAIN, FERTILIZER DRIVE REDUCTION, 50 LINKS
6	**102850**	1	BRACKET, MOTOR STIFFENER, CHAIN REDUCTION
7	**7583**	1	ROLLER CHAIN LINK, FULL, #50
8	**104060**	1	BOLT, 0.250-20 UNC-2A X 2.750 HHCS, GR. 5
9	**6128**	1	BOLT, 0.375-16 UNC-2A X 1.000 CARRIAGE, GR. 5
10	**6967**	2	BOLT, 0.375-16 UNC-2A X 1.250 FLANGE, GR. 8
11	**9366**	8	BOLT, 0.500-13 UNC-2A X 1.500 HHCS, GR. 8
12	**7794**	1	NUT, 0.250-20 UNC TOP LOCK HEX
13	**7792**	3	NUT, 0.375-16 UNC-2B SERRATED FLANGE HEX LOCK
14	**7097**	8	NUT, 0.500-13 UNC-2B SERRATED FLANGE HEX LOCK
15	**100801**	1	WASHER, 0.375 ID 1.25 OD, STEEL
16	**7788**	8	WASHER, 0.500 FLAT SAE NARROW HARD

MISC FERTILIZER COMPONENTS



ITEM	PART NO.	QTY.	DESCRIPTION
1	**102840**	1	FERTILIZER DIFFUSER, DUAL, 2.500 IN. TO 1.750 IN., SS
2	**104047YL1**	1	WELD, DIFFUSER HOLDER
3	**2851GY1**	1	WELD, FERT. HOSE HOLDER, 4500 SERIES TOOLBAR
4	**100127GY1**	1	MOUNT, FERT TUBE, 24.000 IN. LONG
5	**100128GY1**	1	MOUNT, FERT TUBE, 18.000 IN. LONG
6	**100129GY1**	1	MOUNT, FERT HOSE, DOUBLE, 18 IN. LONG
7	**104198**	1	SLOTTED SPACER, 0.656 IN O.D. X 0.512 IN. I.D.
8	**9197**	1	CLAMP, T-BOLT, 2.000" - 2.156" S.S.
9	**9198**	1	CLAMP, T-BOLT, 2-7/8" - 3-3/16" S.S.
10	**7613**	1	CLAMP, WORM GEAR, 2-9/16" - 3-1/2" S.S.
11	**7057**	1	CLAMP, WORM GEAR, 2.000" - 3.000" S.S.
12	**9963**	1	CAP, PLASTIC, 2-1/2"
13	**104172**		STRAP, VELCRO CINCH, 20" LONG (NOT SHOWN)
14	**7187**		1.750" FERTILIZER HOSE (NOT SHOWN)
15	**9486**		2.500" FERTILIZER HOSE (NOT SHOWN)



ITEM	PART NO.	QTY.	DESCRIPTION
1	**1750YL1**	1	WELD, HD LIQUID SADDLE
2	**101286YL1**	1	WELD, XL LIQUID SADDLE
3	**8501**	1	TANK, LIQUID, 2200 GAL. WITH SUMP
4	**1499YL1**	1	WELD, AIR COMPRESSOR MOUNT, LIQUID
5	**2001**	1	ASSY., AIR COMPRESSOR, HYD., BELT DRIVE
6	**1154YL1**	1	WELD, SATELLITE MOUNT, LIQUID TANK
7	**102405YL1**	1	BRACKET, RCM MOUNT, LIQUID SADDLE
8	**102838**	1	ASSY, TANK, RINSE, 2.5 GAL, RECTANGLE
9	**104491YL1**	1	BRACKET, REGULATOR MOUNT, LIQUID
10	**103299YL1**	1	PLATE, SIDE EXTENSION MOUNT, LIQUID A-FRAME
11	**104333**	8	ROD, LIQUID TANK MOUNT

MISCELLANEOUS LIQUID

PUMP, VALVE, FITTING, GAUGE, NOZZLE, HOSE ETC.

MANIFOLD

PART NO.	DESCRIPTION
102440YL1	PLATE, LIQUID MANIFOLD PANEL, YELLOW
102401	VALVE, BUTTERFLY, 1.500 IN., FLANGE
9648	RAVEN LIQUID FLOWMETER 60P
101972	VALVE, MANIFOLD ON/OFF, SINGLE, 3-PIN DEUTSCH
9643	TEE STRAINER, 2.00 IN. MANIFOLD, 50 MESH SCREEN
9644	COUPLING, FLANGED, 2.00 IN. X 2.00 IN.
101524	COUPLING, FLANGED, 90 DEGREE, 2.00 IN. X 2.00 IN. SHORT
9637	GASKET, FLANGE, 1.00 IN., EPDM
9635	FLANGE, 1.50 IN. EPDM GASKET
9642	FLANGE, 1.00 IN. X 90 DEGREE HOSE BARB, 0.75 IN.
8145	FLANGE, 2.00 IN. X 1.50 IN. ELBOW, 90 DEG. HOSE BARB
102406	2.00 IN. FLANGE PLUG W/ 0.025 FPT
102527	GROMMET, 1.750 ID X 0.125 GW X 2.000 GD X 2.0625 OD
7845	PLUG, 0.250 NPT, COUNTERSUNK HEX
9636	CLAMP, FLANGE, WORM SCREW, 1.00 IN.
9634	CLAMP, FLANGE, WORM SCREW, 2.00 IN.
9197	CLAMP, T-BOLT, 51-55, 2.000 - 2.156 IN., SS
9018	HOSE, 1.500 IN. BLACK EPDM, 200 PSI

3" FILL

PART NO.	DESCRIPTION
102252	FITTING, BULK HEAD, EPDM 3.00 IN. FLANGE X 3.00 IN. NPT FEMALE
101436	VALVE, 3.00 IN. FLANGE X 3.00 IN. QUICK DISCONNECT
101430	ELBOW, 3.00 IN. FLANGE X 3.00 IN. 90 DEGREE HOSE BARB
101429	3.00 IN. FLANGE X 3.00 IN. HOSE BARB
105790	COUPLING, FLANGED, 3.00 IN, 45 DEGREE
101415	CLAMP, FLANGE, WORM SCREW, 300 SERIES
101432	GASKET, FLANGE, 3.00 IN. WITH RIB, EPDM
9306	HOSE, 3.000 IN. BLACK EPDM, 150 PSI
9272	CLAMP, MIKALOR 3.563-3.813 IN.
8271	COUPLING, MALE ADAPTER, 3.00 IN.
102523YL1	PLATE, LIQUID BALL VALVE MOUNT, YELLOW

MISCELLANEOUS LIQUID

PUMP, VALVE, FITTING, GAUGE, NOZZLE, HOSE ETC.

2" DRAIN

PART NO.	DESCRIPTION
101433	FITTING, TANK FLANGE, BOTTOM DRAIN, BOLTED, FULL PORT, 2.00 IN. FLANGE , 3.25 IN. BOLTS
101425	COUPLING, 2.00 IN. X 2.00 IN. 90 DEGREE FULL PORT FLANGE
101739	2.00 IN. FULL PORT FLANGE X 2.00 IN. MALE, VALVE
101742	220 FLANGE X 2.00 IN. MPT ADAPTER
101426	GASKET, FLANGE, 2.00 IN. WITH RIB, EPDM
101414	CLAMP, FLANGE, WORM SCREW, 220 SERIES

PUMP

PART NO.	DESCRIPTION
9619	PUMP, HYD., 220 FLANGE IN, 200 FLANGE OUT
7486	FTG., AIR, ELBOW, 0.125 NPT X 0.250 TUBE
102390	1.00 IN. MANIFOLD FULL PORT SINGLE UNION SPINWELD VALVE
9641	1.00 IN. FLANGE X .75 IN. HOSE BARB
9635	FLANGE, 1.50 IN. EPDM GASKET
102392	2.00 IN. FULL PORT FLANGE X 2.00 IN. MALE ADAPTER
102391	2.00 IN. FLANGE X 2.00 IN. MALE ADAPTER
101422	TEE, 2.00 IN. PORT FLANGED
8568	COUPLING, FLANGED REDUCER 1.00 IN. X 2.00 IN. PORT
102393	2.00 IN. FEMALE COUPLER X 1.50 IN. HOSE SHANK
8138	COUPLING, CAM LEVER, FEMALE, 2.00 IN., HOSE SHANK, 2.00 IN.
101426	GASKET, FLANGE, 2.00 IN. WITH RIB, EPDM
9637	GASKET, FLANGE, 1.00 IN., EPDM
101414	CLAMP, FLANGE, WORM SCREW, 220 SERIES
9634	CLAMP, FLANGE, WORM SCREW, 2.00 IN.
9636	CLAMP, FLANGE, WORM SCREW, 1.00 IN.
9268	CLAMP, MIKALOR 2.500-2.688 IN.
9679	HOSE, 2.000 ENFORCER 200

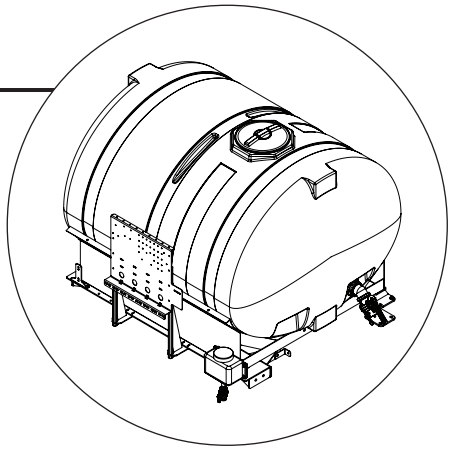
AGITATOR

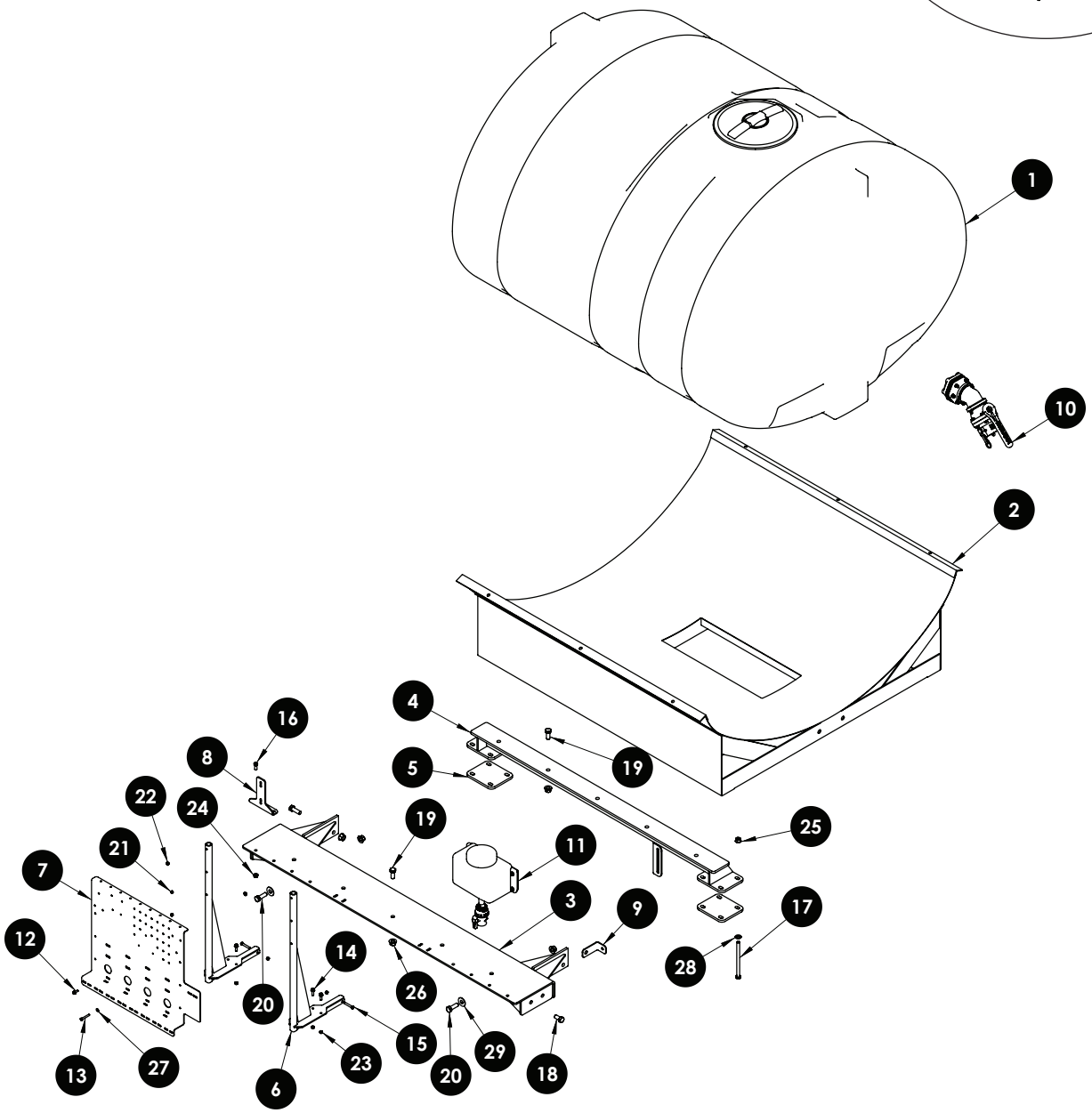
PART NO.	DESCRIPTION
9194	CLAMP, MIKALOR 1.063-1.250 IN.
9175	HOSE, 0.750 IN. EPDM
7062	90 DEGREE HOSE BARB, 0.75 IN. MALE THREAD X 0.75 IN.
8171	0.75 IN. POLY BULKHEAD EPDM TANK FITTING
8711	TEE-JET NOZZLE EDUCTOR
9642	FLANGE, 1.00 IN. X 90 DEGREE HOSE BARB, 0.75 IN.
9635	FLANGE, 1.50 IN. EPDM GASKET
8458	2.00 IN. SP FLANGE X 1.25 IN. MALE THREAD
8568	COUPLING, FLANGED REDUCER 1.00 IN. X 2.00 IN. PORT
9637	GASKET, FLANGE, 1.00 IN., EPDM
9636	CLAMP, FLANGE, WORM SCREW, 1.00 IN.
9634	CLAMP, FLANGE, WORM SCREW, 2.00 IN.

VISA GAUGE

PART NO.	DESCRIPTION
4241YL1	PLATE, LIQUID FLOW VALVE, TWIN 4 MOUNT, YELLOW
4240YL1	PLATE, LIQUID FLOW VALVE, TWIN 6 MOUNT, YELLOW
8594	ASSY, FLOW MONITOR, 4 GAUGE BANK
8626	END CAP, SIGHT GLASS
8534	RETAINER CLIP
9895	BALL STORAGE UNIT ASSEMBLY
8595	MANIFOLD TEE
8621	1.00 IN. MALE THREAD X 0.75 IN. HOSE BARB
7845	PLUG, 0.250 NPT, COUNTERSUNK HEX
8596	HOSE BARB, 0.375 MPT-0.500 IN., 90 DEG.
8707	0.50 IN. HOSE BARB X 0.50 IN. MALE THREAD
9975	WELD, LIQUID FERTILIZER TUBE
7322	FITTING, AIR, ELBOW, 0.250 NPT X 0.250 TUBE
9631	COUPLER, FC14-SS, 0.250 PIPE, FEMALE TO FEMALE
8704	VALVE, CHECK, 0.500 IN. FNPT, 3LB.
104873	CABLE TIE MOUNT, 0.375 IN., HIGH TORQUE, METAL BUSHING
9633	HOSE, 0.500 IN.EPDM
9175	HOSE, 0.750 IN. EPDM

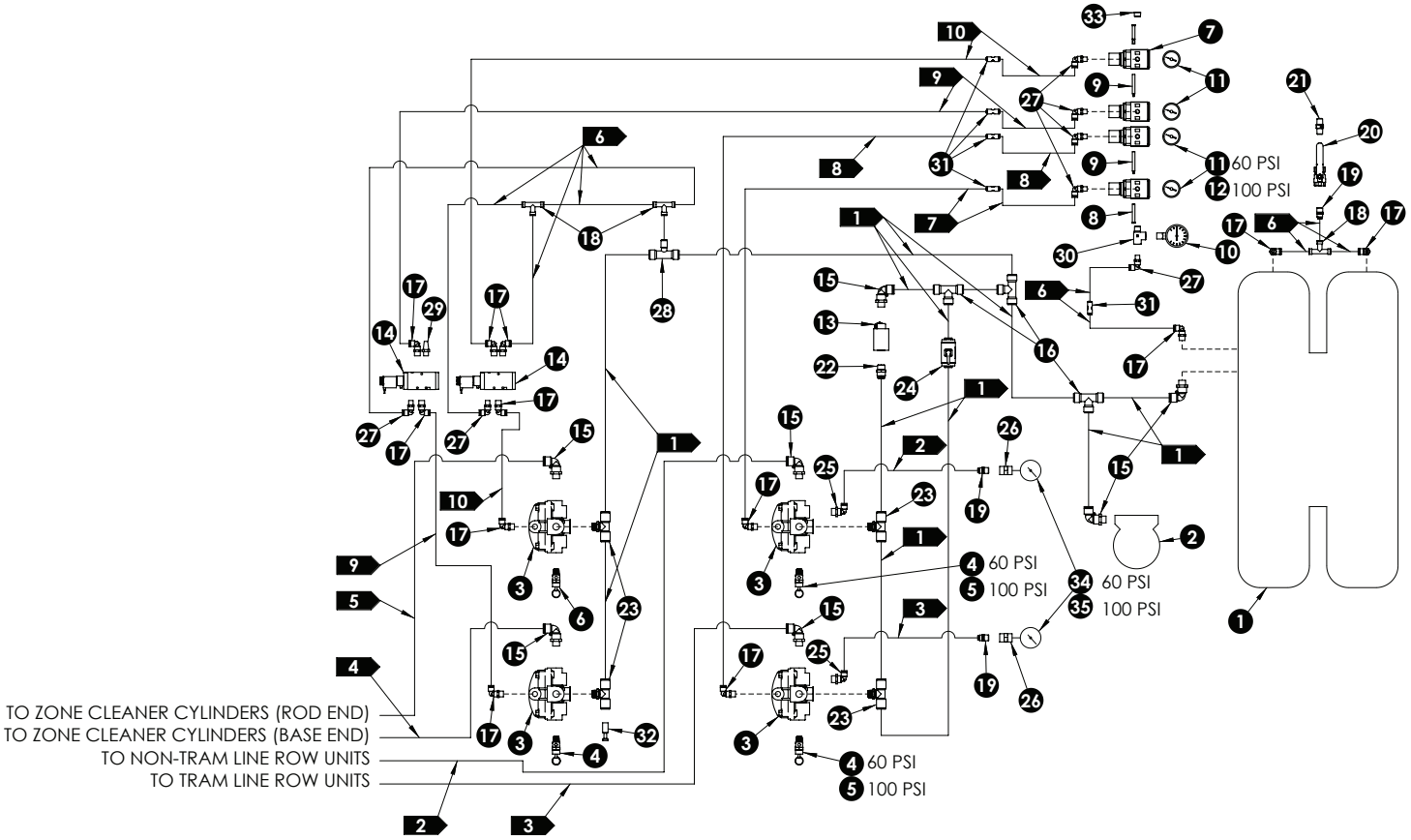
LIQUID, 4500 XL COMBO | ITEM NO. 105431





ITEM	PART NO.	QTY.	DESCRIPTION
1	**100785**	1	TANK, ELLIPTICAL, 1250 GAL.
2	**100786**	1	CRADLE, ELLIPTICAL TANK, 1250 GAL.
3	**105432GY1**	1	WELD, FRONT BRACE, LIQUID TANK, 4500 XL COMBO
4	**105439GY1**	1	WELD, REAR BRACE, LIQUID TANK, 4500 XL COMBO
5	**105442GY1**	2	PLATE, BOTTOM, CLAMP, REAR LIQUID BRACE, COMBO
6	**105445YL1**	2	WELD, GAUGE PANEL MOUNT, 4500 XL COMBO
7	**105450YL1**	1	PLATE, GAUGE PANEL, 4500 XL COMBO
8	**105451YL1**	1	PLATE, MOUNT, CB VALVE, 4500 XL COMBO
9	**105484BK2**	1	PLATE, HYD. BALL VALVE MOUNT, COMBO
10	**105474**	1	ASSY, 3 IN. LIQUID FILL
11	**102838**	1	ASSY, TANK, RINSE, 2.5 GAL, RECTANGLE
12	**7796**	6	BOLT, 0.313-18 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
13	**9813**	6	BOLT, 0.313-18 UNC-2A X 2.250 HHCS, GR. 5
14	**6967**	4	BOLT, 0.375-16 UNC-2A X 1.250 FLANGE, GR. 8
15	**7949**	2	BOLT, 0.375-16 UNC-2A X 2.250, HHCS GR. 8
16	**7099**	2	BOLT, 0.500-13 UNC-2A X 1.250 HHCS, GR. 5
17	**7850**	8	BOLT, 0.625-11 UNC-2A X 9.000 HHCS, GR. 8
18	**8663**	2	BOLT, 0.750-10 UNC-2A X 1.500 HHCS, GR. 8
19	**9363**	11	BOLT, 0.750-10 UNC-2A X 1.750 HHCS, GR. 8
20	**7747**	8	BOLT, 0.750-10 UNC-2A X 2.250 HHCS, GR. 8
21	**7154**	6	NUT, 0.313-18 UNC TOP LOCK, GR. 5 ZINC
22	**7797**	6	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK
23	**9361**	6	NUT, 0.375-16 UNC TOP LOCK HEX GR. C
24	**7097**	2	NUT, 0.500-13 UNC-2B SERRATED FLANGE HEX LOCK
25	**100631**	8	NUT, 0.625-11 UNC FLANGE LOCK, HEX GR. G, ZINC
26	**9364**	21	NUT, 0.750-10 UNC FLANGE LOCK, HEX GR. G, ZINC
27	**7152**	6	WASHER, 0.313 FLAT SAE NARROW SOFT
28	**9180**	8	WASHER, 0.625 FLAT, SAE NARROW HARD
29	**7458**	4	WASHER, 0.750 FLAT USS HARD

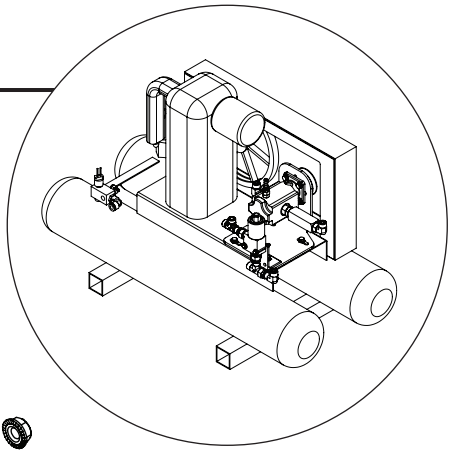
PNEUMATIC COMPONENTS

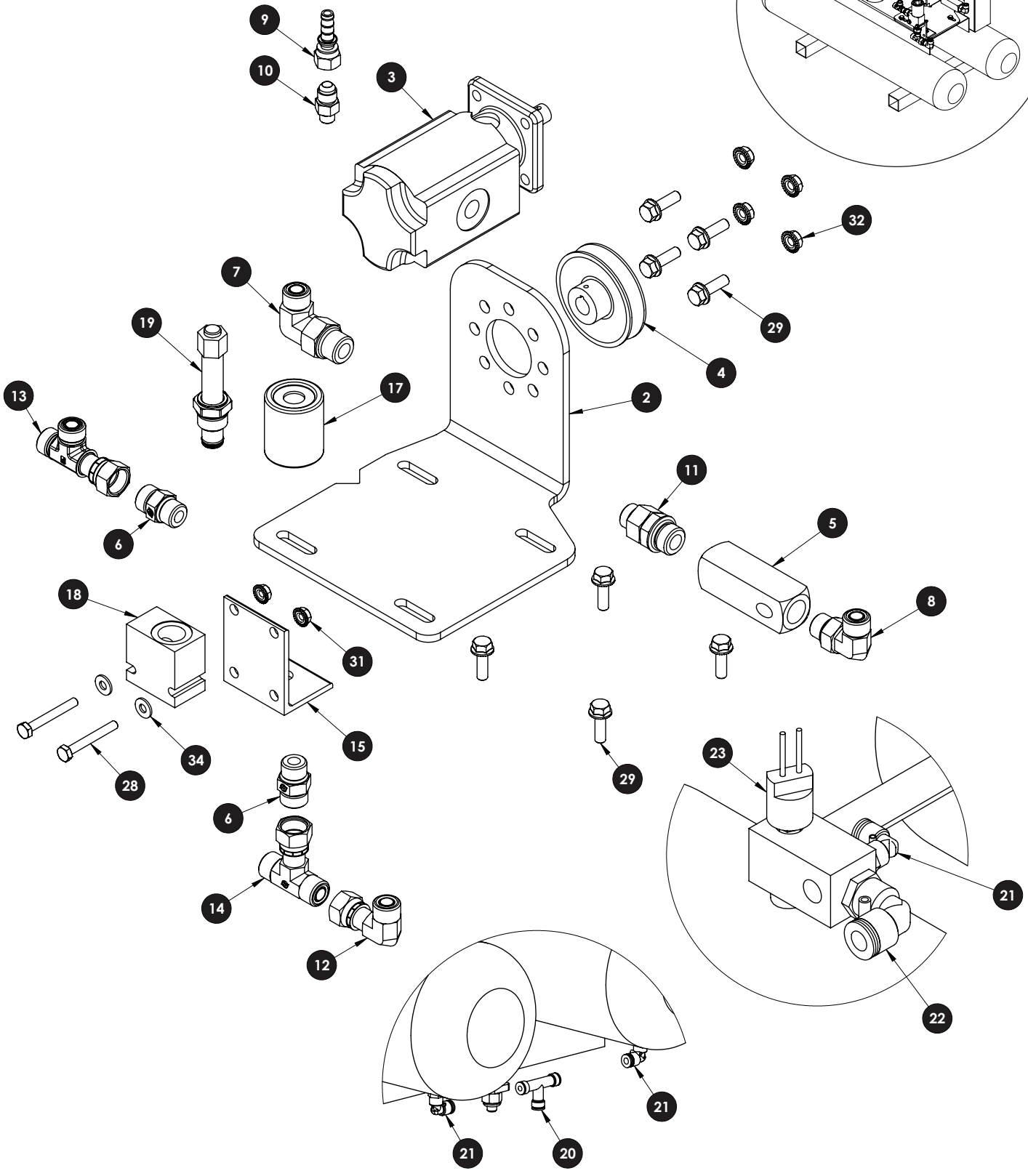


HOSE #	PART NO.	DESCRIPTION
1	**7653**	TUBING, PNEUMATIC, 0.500 IN. DIA., WHITE
2	**8474**	TUBING, PNEUMATIC, 0.500 IN. DIA., BLACK
3	**6906**	TUBING, PNEUMATIC, 0.500 IN. DIA., BLUE
4	**103748**	TUBING, PNEUMATIC, 0.500 IN. DIA., GREEN
5	**103389**	TUBING, PNEUMATIC, 0.500 IN. DIA., YELLOW
6	**8473**	TUBING, PNEUMATIC, 0.250 IN. DIA., WHITE
7	**8472**	TUBING, PNEUMATIC, 0.250 IN. DIA., BLACK
8	**6905**	TUBING, PNEUMATIC, 0.250 IN. DIA., BLUE
9	**103749**	TUBING, PNEUMATIC, 0.250 IN. DIA., GREEN
10	**103388**	TUBING, PNEUMATIC, 0.250 IN. DIA., YELLOW

ITEM	PART NO.	QTY.	DESCRIPTION
1	**2001**	1	ASSY., AIR COMPRESSOR, HYD., BELT DRIVE
2	**103329**	1	AIR HOSE REEL, COXREELS, LG-LP-320-HV-KXX
3	**103833**	4	REGULATOR, AIR PRESSURE, PILOT OPERATED, CAST ALUMINUM
4	**105703**	3	VALVE, AIR, PRESSURE RELIEF W/ TEST RING, 60 PSI
5	**5101**	2	VALVE, AIR, PRESSURE RELIEF W/TEST RING, 100 PSI
6	**100534**	1	VALVE, AIR, PRESSURE RELIEF W/TEST RING, 175 PSI
7	**103835**	4	REGULATOR, PASS THRU, 0-145 PSI
8	**104056**	1	KIT, JOINER, REGULATOR, CAMOZZI, MC1-VMF
9	**104057**	2	KIT, JOINER, REGULATOR, CAMOZZI, MC1-TMF
10	**8654**	1	GAUGE ROL-AIR 0-200 PSI DIAL 1/4 IN NPT
11	**106393**	4	GAUGE, PRESSURE, 0.125 NPT, 0-60 PSI
12	**106394**	2	GAUGE, PRESSURE, 0.125 NPT, 0-100 PSI
13	**100580**	1	SWITCH, PNEUMATIC, CAPTURED AIR
14	**103263**	2	VALVE, PNEU., SOLENOID, 3 WAY 2 POS, 12 VDC, 1/4 NPT, WEATHER PACK
15	**8764**	7	AIR FITTING, W369GC-8-6
16	**8492**	3	FITTING, AIR, TEE, 0.500 TUBE
17	**7322**	12	FITTING, AIR, ELBOW, 0.250 NPT X 0.250 TUBE
18	**8623**	3	FTG., AIR, UNION TEE, 0.250 TUBE
19	**7324**	3	AIR FITTING W68PL-4-4
20	**6968**	1	VALVE, BALL, 0.25 NPT, BRASS
21	**6970**	1	FITTING 1/4 MALE X 1/4 MALE
22	**8610**	1	AIR FITTING W68PLP-8-6
23	**8491**	4	FITTING, AIR, BRANCH TEE, 0.500 TUBE X 0.375 NPT
24	**103337**	1	VALVE, BALL, 0.500 IN., POLYPROPELENE
25	**7712**	2	FITTING, AIR, ELBOW, 0.375 NPT X 0.250 TUBE
26	**7219**	2	FTG, COUPLER, 0.250 NPT X 0.250 NPT, STEEL
27	**7486**	7	FTG., AIR, ELBOW, 0.125 NPT X 0.250 TUBE
28	**102418**	1	FITTING, AIR, TEE, 0.500 X 0.500 X 0.250 TUBE
29	**102837**	1	MUFFLER, EXHAUST PORT, 0.250 IN.
30	**6902**	1	FTG., RUN TEE, 0.250 MNPT X 0.250 FNPT X 0.250 FNPT, BRASS
31	**7319**	5	FTG., AIR, UNION, 0.250 TUBE X 0.250 TUBE
32	**100604**	1	PLUG, PNEUMATIC TUBE, 0.500 IN.
33	**7845**	1	PLUG, 0.250 NPT, COUNTERSUNK HEX
34	**106613**	2	GAUGE, LIQUID FILLED, 4 INCH, 60 PSI, X32506P

AIR COMPRESSOR | ITEM NO. 2001

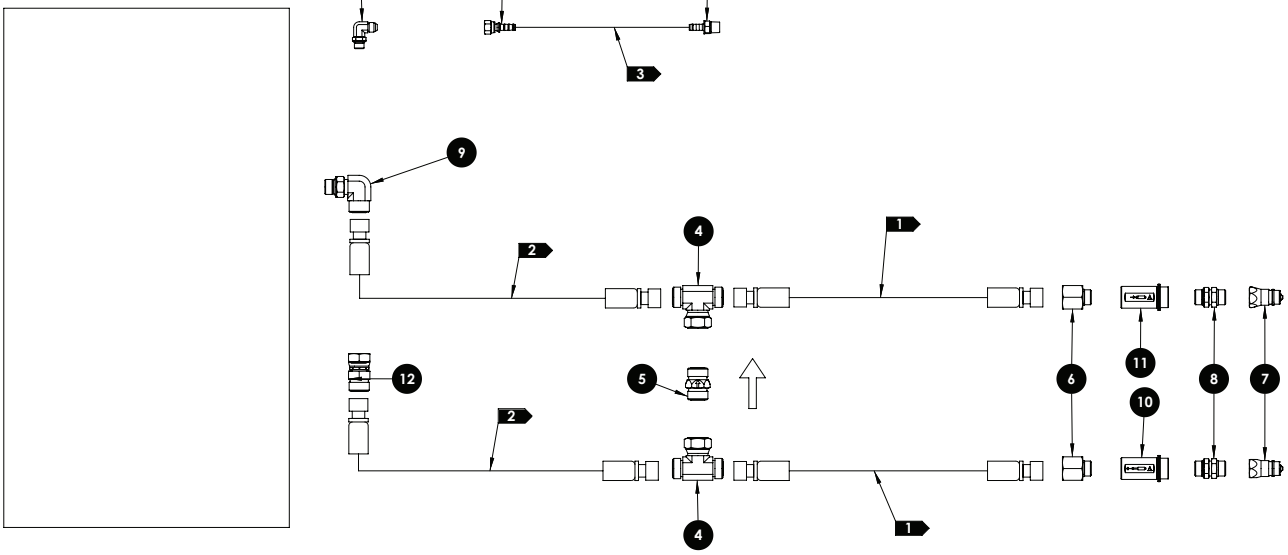




ITEM	PART NO.	QTY.	DESCRIPTION
1	**7643**	1	COMPRESSOR, AIR
2	**101553BK2**	1	BRACKET, COMPRESSOR HYDRO MOTOR
3	**9219**	1	HYDRAULIC MOTOR
4	**100405**	1	PULLEY, DRILLED AND BROACHED, AK30 0.563 IN. BORE WITH KEYWAY
5	**100913**	1	HYDRAULIC CHECK VALVE, 0.750-16 UNF #8 SAE
6	**9188**	2	FITTING, HYDRAULIC, STRAIGHT, -08 MORFS X -08 MORB
7	**7340**	1	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -10 ORB
8	**7341**	1	FITTING, HYDRAULIC, ELBOW, -8 ORFS X -8 ORB
9	**9433**	1	FTG,PUSH-LOK,SWIVEL,0.375F-0.375HB
10	**9434**	1	FITTING, HYDRAULIC, CONN., 0.375 IN. FLARE X 0.438 IN. STRAIGHT
11	**101860**	1	FITTING, HYDRAULIC, UNION, -10 MORB X -8 MORB, STRAIGHT
12	**7343**	1	FITTING, HYDRAULIC, ELBOW, -8 MFS X -8 FFS, SWIVEL
13	**9186**	1	FITTING, HYDRAULIC, RUN TEE, -8 SAE ORFS WITH SWIVEL
14	**8047**	1	FITTING, HYDRAULIC, BRANCH TEE, -8 MFS X -8 MFS X -8 FFS, SWIVEL
15	**3328BK2**	1	MOUNTING BRACKET, TILT LOCK BALL VALVE
16	**102594BK2**	2	PLATE, U-BOLT CLAMP
17	**7018**	1	COIL,HYDRAULIC VALVE,18IN. LEAD WITH WEATHER PACK TOWER
18	**7703**	1	MANIFOLD,HYDRAULIC,2-WAY,C10196
19	**7680**	1	VALVE, HYDRAULIC, ON/OFF, POPPET, 2-WAY, N.O., -10
20	**8623**	1	FITTING, AIR, UNION TEE, 0.250 TUBE
21	**7322**	3	FITTING, AIR, ELBOW, 0.250 NPT X 0.250 TUBE
22	**8764**	1	AIR FITTING, W369GC-8-6
23	**100535**	1	PRESSURE SWITCH, SEALED, 12 VDC, NC, 0.250 NPT, 2-PIN DEUTSCH
24	**7120**	1	PLUG, 0.125 NPT, COUNTERSUNK HEX
25	**101652**	2	HYDRAULIC HOSE ASSEMBLY, COMPRESSOR, 20.00 IN.
26	**9432**	30 FT.	HYDRAULIC HOSE, 3/8 IN., GRAY, 250 PSI MAX.
27	**7701**	1	BELT, A42
28	**9224**	2	BOLT, 0.250-20 UNC-2A X 2.000 HHCS, GR. 5
29	**7796**	8	BOLT, 0.313-18 UNC-2A X 1.000 SERRATED FLANGE, GR. 5
30	**102506**	2	U-BOLT, SQUARE BEND, 0.375-16 UNC-2A, 2.563 X 3.250
31	**9441**	2	NUT, 0.250-20 UNC-2B SERRATED FLANGE HEX LOCK
32	**7797**	4	NUT, 0.313-18 UNC-2B SERRATED FLANGE HEX LOCK
33	**7144**	4	NUT, 0.375-16 UNC, LOCK, NYLON INSERT, GR. 8
34	**9443**	2	WASHER, 0.250 FLAT SAE NARROW HARD
35	**9444**	4	WASHER, 0.375 FLAT SAE NARROW, HARD

FERTILIZER FAN CIRCUIT

(4500 XL)



ITEM	PART NO.	QTY.	DESCRIPTION
1	**100101**	1	FTG., HYD., 90 DEG. ELBOW, 37 DEG. FLARE X #6 SAE-ORB
2	**9433**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X 3/8 HOSE BARB
3	**9436**	1	FTG., HYD., STRAIGHT, 3/8 MALE PIPE X 3/8 HOSE BARB
4	**103715**	2	FITTING, HYD., BRANCH TEE, #12 MORFS X #12 MORFS X #12 FORFS
5	**104493**	1	VALVE, HYD, IN-LINE CHECK VALVE, -12 MORFS X -12 MORFS
6	**102675**	2	FTG., HYD., ADAPTER, -10 MORB X -12 FORB
7	**102674**	2	FTG., HYD., PIONEER TIP, -10 FORB
8	**104001**	2	FITTING, HYD., ADJ., UNION, MORB 10
9	**104496**	1	FTG, HYD, ELBOW, -10 MORB X -12 MORFS
10	**103927**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -10 FORB, PURPLE
11	**103928**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -10 FORB, PURPLE
12	**104549**	1	FTG, HYD., ADAPTER, -12 MORFS X -12 FJIC

HYDRAULIC HOSES 3100

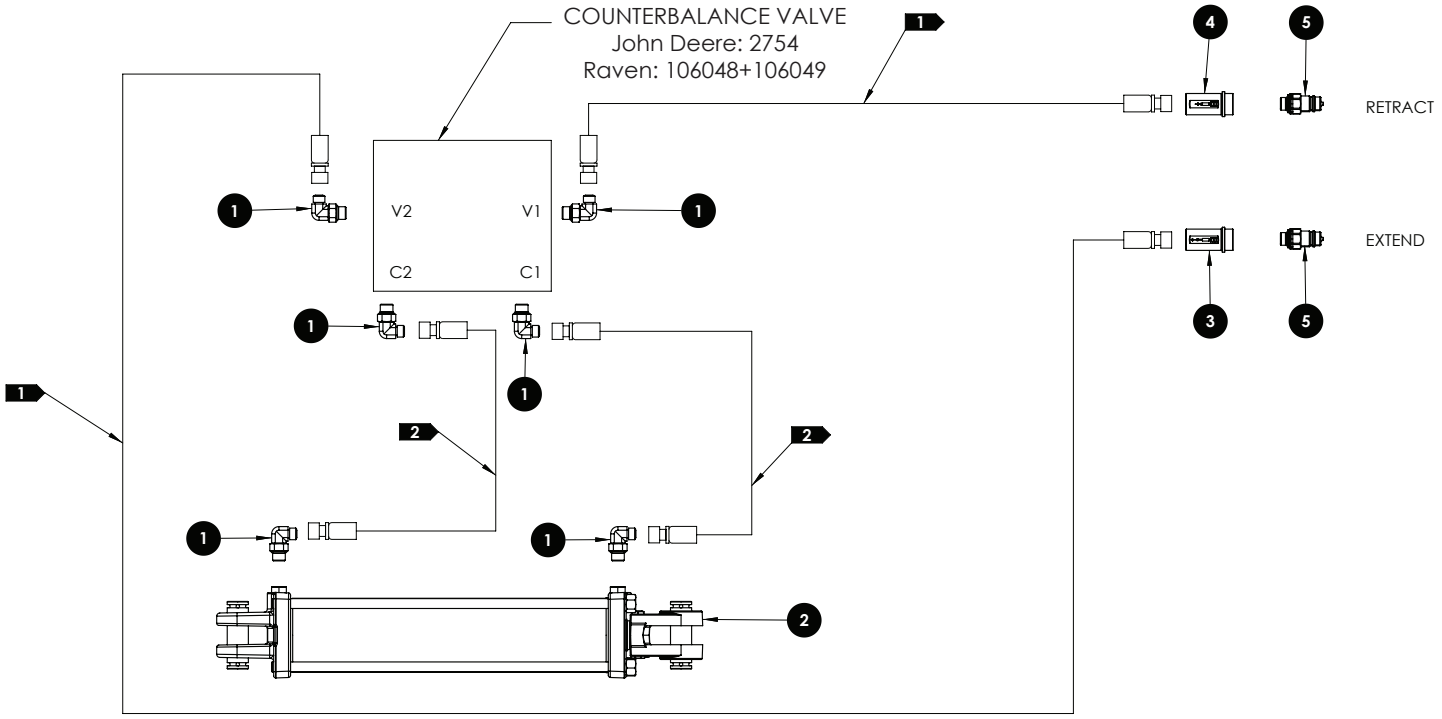
HOSE #	PART NO.	DESCRIPTION
1	**105344**	HOSE, HYD., 0.750 X 228.0 IN LONG, -12 MORB X -12 FORFS
2	**105345**	HOSE, HYD., 0.750 X 18.0 IN LONG, -12 FORFS X -12 FORFS
3	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI

HYDRAULIC HOSES 4500 HD, 4500 XL, OR 5000 XL

HOSE #	PART NO.	DESCRIPTION
1	**104495**	HOSE, HYDRAULIC, 0.750 X 288 IN LONG, -12 MORB X -12 FORFS
2	**104494**	HOSE, HYDRAULIC, 0.750 X 24 IN LONG, -12 FORFS X -12 FORFS
3	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI

STEERING-IMPLEMENT GUIDANCE CIRCUIT

(4500 XL)



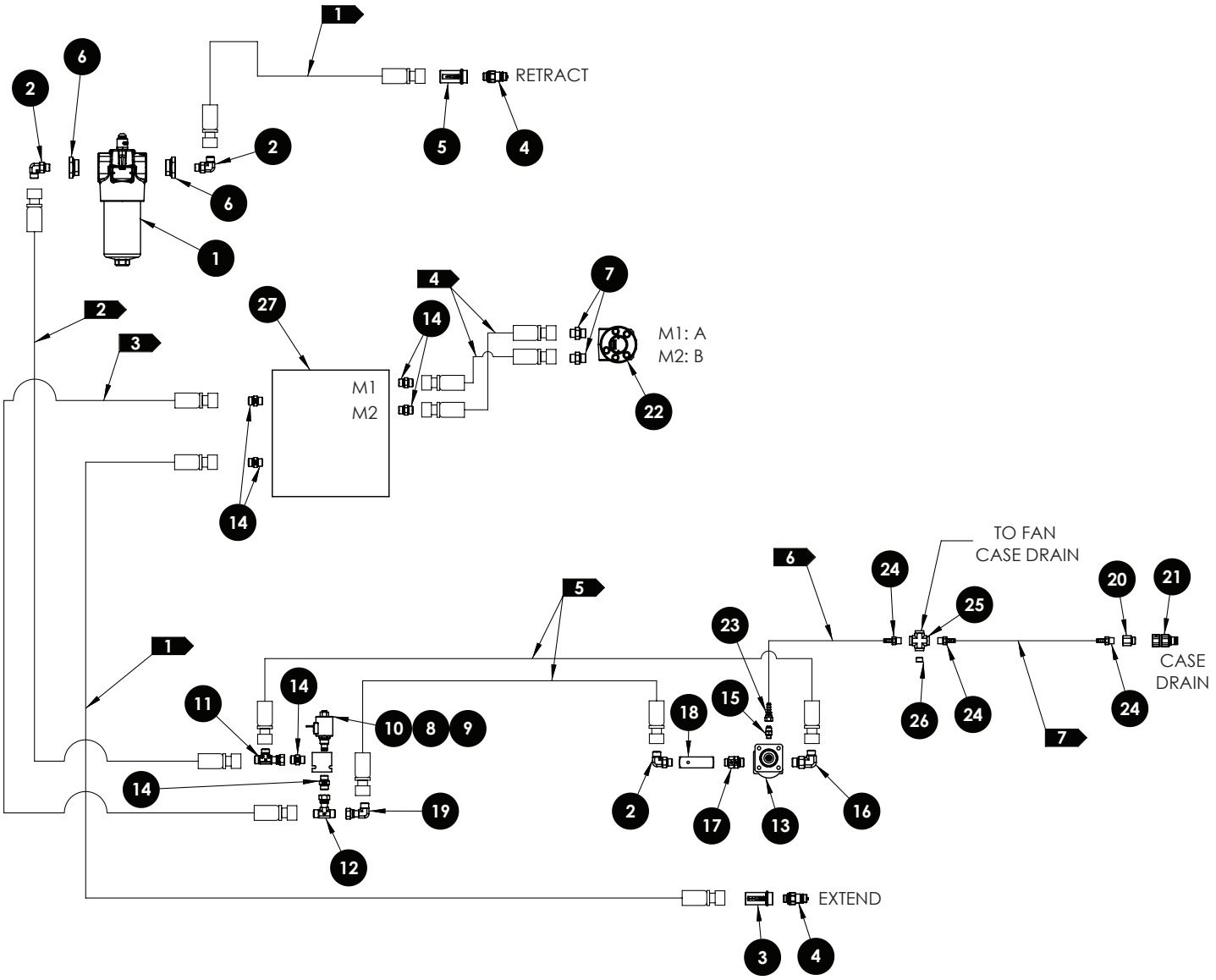
ITEM	PART NO.	QTY.	DESCRIPTION
1	**7338**	6	FTG., HYD., 90 DEG. ELBOW, -6 MORFS X -8 MORB
2	**101650**	1	CYLINDER, HYD., 4.00 X 16.00, 1.75 DIA. ROD (26.25 RETRACT)
3	**103923**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BROWN
4	**103924**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BROWN
5	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB

HYDRAULIC HOSES

HOSE #	PART NO.	DESCRIPTION
1	**103907**	HOSE, HYD., 0.375 X 210.000 IN LONG, -8 MORB X -6 FORFS
2	**103908**	HOSE, HYD., 0.375 X 30.000 IN LONG, -6 FORFS X -6 FORFS

METER BODY AND AIR COMP. HYDRAULIC

(SINGLE SECTION) (3100)



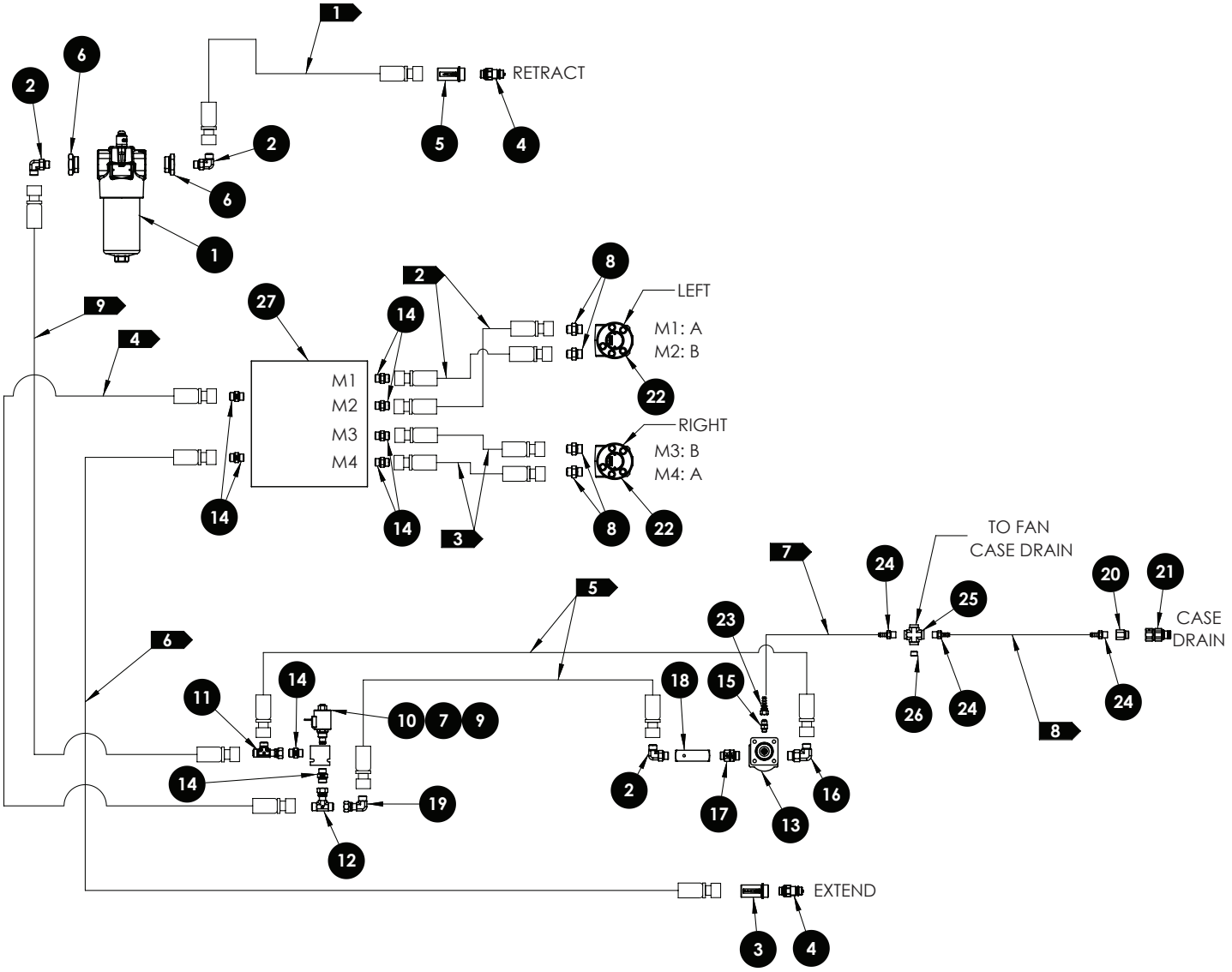
ITEM	PART NO.	QTY.	DESCRIPTION
1	**104422**	1	FILTER, HYDRAULIC, POP-UP INDICATOR
2	**7341**	3	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
3	**103925**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BLACK
4	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
5	**103926**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BLACK
6	**104423**	2	FTG, HYD, PORT ADAPTER, -20 MORB -8 FORB
7	**7553**	2	FTG., HYD., ADAPTER, -8 MORFS X -10 MORB
8	**7680**	1	VALVE, HYD, ON/OFF, POPPET, 2-WAY, N.O., -10 FORB PORTS
9	**7703**	1	MANIFOLD, HYDRAULC, 2-WAY
10	**7018**	1	COIL, HYD VALVE, 18IN. LEAD W/WEATHER PACK TOWER
11	**9186**	1	FTG, HYD, RUN TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
12	**8047**	1	FTG., HYD., BRANCH TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
13	**9219**	1	MOTOR, HYD., -10 FORB PORTS, 0.563 SHAFT, KEYED
14	**9188**	6	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
15	**9434**	1	FTG., HYD., STRAIGHT, -4 MORB X -6 MJIC
16	**7340**	1	FTG., HYD., ELBOW, -8 MORFS X -10 MORB
17	**101860**	1	FTG., HYD., STRAIGHT, -10 MORB X -8 MORB
18	**100913**	1	HYDRAULIC CHECK VALVE, -8 FORB PORTS
19	**7343**	1	FTG., HYD., ELBOW, -8 MORFS X -8 FORFS, SWIVEL
20	**8044**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X -8 MORB
21	**8328**	1	FTG., HYD., FLAT FACE COUPLER
22	**9466**	1	MOTOR, HYD., 0195, 4-BOLT, 0.875-14 SAE, 1.00 SHAFT, KEYED
23	**9433**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X 3/8 HOSE BARB
24	**9436**	3	FTG., HYD., STRAIGHT, 3/8 MALE PIPE X 3/8 HOSE BARB
25	**104877**	1	FTG, HYD, 4-WAY CROSS, 0.375 NPT
26	**102603**	1	PLUG, 0.375 NPT, SCHED. 40, COUNTERSUNK HEX
27	**104476**	1	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, SINGLE

HYDRAULIC HOSES

HOSE #	PART NO.	DESCRIPTION
1	**105074**	HOSE, HYD., 0.500 X 270.0 IN. LONG, -8 MORB X -8 FORFS
2	**105067**	HOSE, HYD., 0.500 X 156.0 IN. LONG, -8 FORFS X -8 FORFS
3	**105065**	HOSE, HYD., 0.500 X 132.0 IN. LONG, -8 FORFS X -8 FORFS
4	**103899**	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
5	**102652**	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
6	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
7	**9432**	HOSE, HYD., 0.375 X 312.000 IN LONG, GRACASE DRAIN LINE, 250 PSI

METER BODY AND AIR COMP. HYDRAULIC

(DUAL SECTION) (3100)



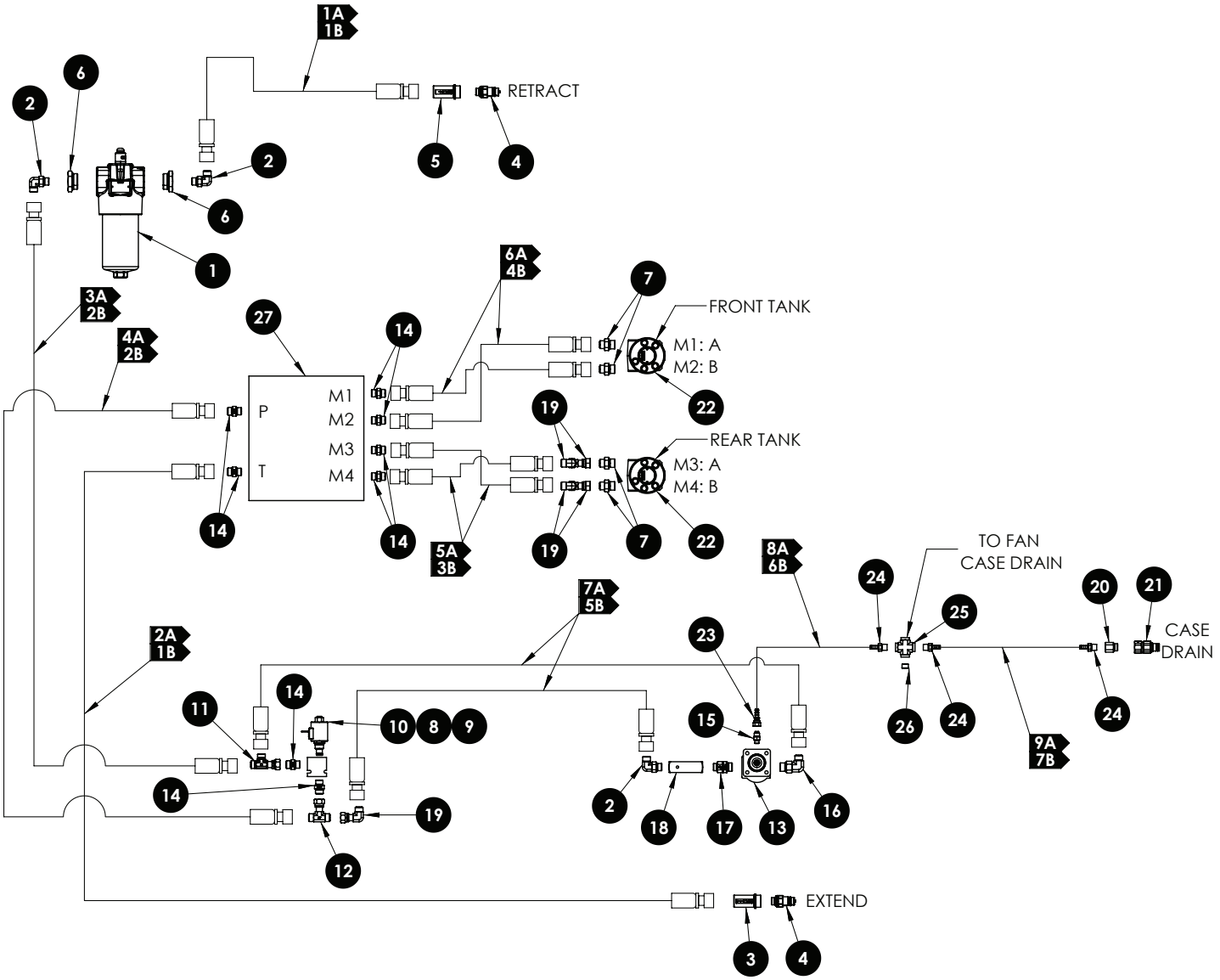
ITEM	PART NO.	QTY.	DESCRIPTION
1	**104422**	1	FILTER, HYDRAULIC, POP-UP INDICATOR
2	**7341**	3	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
3	**103925**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BLACK
4	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
5	**103926**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BLACK
6	**104423**	2	FTG, HYD, PORT ADAPTER, -20 MORB -8 FORB
7	**7680**	1	VALVE, HYD, ON/OFF, POPPET, 2-WAY, N.O., -10 FORB PORTS
8	**7553**	4	FTG., HYD., ADAPTER, -8 MORFS X -10 MORB
9	**7703**	1	MANIFOLD, HYDRAULC, 2-WAY
10	**7018**	1	COIL, HYD VALVE, 18IN. LEAD W/WEATHER PACK TOWER
11	**9186**	1	FTG, HYD, RUN TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
12	**8047**	1	FTG., HYD., BRANCH TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
13	**9219**	1	MOTOR, HYD., -10 FORB PORTS, 0.563 SHAFT, KEYED
14	**9188**	8	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
15	**9434**	1	FTG., HYD., STRAIGHT, -4 MORB X -6 MJIC
16	**7340**	1	FTG., HYD., ELBOW, -8 MORFS X -10 MORB
17	**101860**	1	FTG., HYD., STRAIGHT, -10 MORB X -8 MORB
18	**100913**	1	HYDRAULIC CHECK VALVE, -8 FORB PORTS
19	**7343**	1	FTG., HYD., ELBOW, -8 MORFS X -8 FORFS, SWIVEL
20	**8044**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X -8 MORB
21	**8328**	1	FTG., HYD., FLAT FACE COUPLER
22	**9466**	2	MOTOR, HYD., 0195, 4-BOLT, 0.875-14 SAE, 1.00 SHAFT, KEYED
23	**9433**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X 3/8 HOSE BARB
24	**9436**	3	FTG., HYD., STRAIGHT, 3/8 MALE PIPE X 3/8 HOSE BARB
25	**104877**	1	FTG, HYD, 4-WAY CROSS, 0.375 NPT
26	**102603**	1	PLUG, 0.375 NPT, SCHED. 40, COUNTERSUNK HEX
27	**104475**	1	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, DUAL

HYDRAULIC HOSES

HOSE #	PART NO.	DESCRIPTION
1	**103898**	HOSE, HYD., 0.500 X 234.000 IN LONG, -8 MORB X -8 FORFS
2	**103899**	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
3	**103900**	HOSE, HYD., 0.500 X 96.000 IN LONG, -8 FORFS X -8 FORFS
4	**103901**	HOSE, HYD., 0.500 X 108.000 IN LONG, -8 FORFS X -8 FORFS
5	**101652**	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
6	**104418**	HOSE, HYD., 0.500 X 252.000 IN LONG, -8 MORB X -8 FORFS
7	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
8	**9432**	HOSE, HYD., 0.375 X 312.000 IN LONG, GRACASE DRAIN LINE, 250 PSI
9	**103904**	HOSE, HYD., 0.500 X 114.000 IN LONG, -8 FORFS X -8 FORFS

DUAL BIN METER BODY AND AIR COMP. HYD.

(SINGLE SECTION)



HYDRAULIC HOSES 4500 HD

HOSE #	PART NO.	DESCRIPTION
1A	103902	HOSE, HYD., 0.500 X 300.0 IN. LONG, -8 MORB X -8 FORFS
2A	105070	HOSE, HYD., 0.500 X 180.0 IN. LONG, -8 MORB X -8 FORFS
3A	104392	HOSE, HYD., 0.500 X 180.0 IN. LONG, -8 FORFS X -8 FORFS
4A	103900	HOSE, HYD., 0.500 X 96.000 IN LONG, -8 FORFS X -8 FORFS
5A	105062	HOSE, HYD., 0.500 X 84.0 IN. LONG, -8 FORFS X -8 FORFS
6A	103899	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
7A	101652	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
8A	9432	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
9A	9432	HOSE, HYD., 0.375 X 312.000 IN LONG, GRACASE DRAIN LINE, 250 PSI

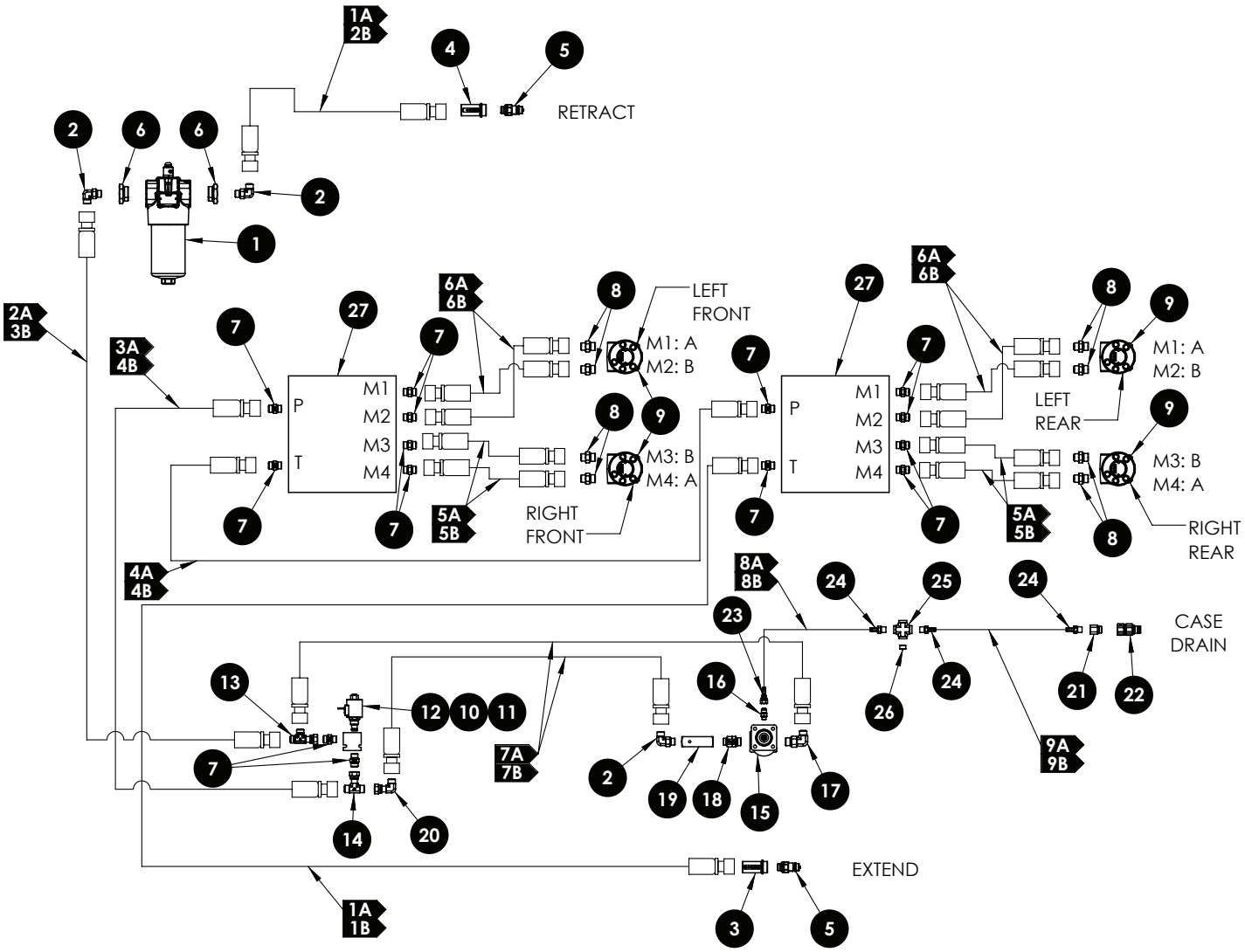
ITEM	PART NO.	QTY.	DESCRIPTION
1	104422	1	FILTER, HYDRAULIC, POP-UP INDICATOR
2	7341	3	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
3	103925	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BLACK
4	103939	2	FTG., HYD., PIONEER TIP, -8 MORB
5	103926	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BLACK
6	104423	2	FTG, HYD, PORT ADAPTER, -20 MORB -8 FORB
7	7553	4	FTG., HYD., ADAPTER, -8 MORFS X -10 MORB
8	7680	1	VALVE, HYD, ON/OFF, POPPET, 2-WAY, N.O., -10 FORB PORTS
9	7703	1	MANIFOLD, HYDRAULC, 2-WAY
10	7018	1	COIL, HYD VALVE, 18IN. LEAD W/WEATHER PACK TOWER
11	9186	1	FTG, HYD, RUN TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
12	8047	1	FTG., HYD., BRANCH TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
13	9219	1	MOTOR, HYD., -10 FORB PORTS, 0.563 SHAFT, KEYED
14	9188	8	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
15	9434	1	FTG., HYD., STRAIGHT, -4 MORB X -6 MJIC
16	7340	1	FTG., HYD., ELBOW, -8 MORFS X -10 MORB
17	101860	1	FTG., HYD., STRAIGHT, -10 MORB X -8 MORB
18	100913	1	HYDRAULIC CHECK VALVE, -8 FORB PORTS
19	7343	5	FTG., HYD., ELBOW, -8 MORFS X -8 FORFS, SWIVEL
20	8044	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X -8 MORB
21	8328	1	FTG., HYD., FLAT FACE COUPLER
22	9466	2	MOTOR, HYD., 0195, 4-BOLT, 0.875-14 SAE, 1.00 SHAFT, KEYED
23	9433	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X 3/8 HOSE BARB
24	9436	3	FTG., HYD., STRAIGHT, 3/8 MALE PIPE X 3/8 HOSE BARB
25	104877	1	FTG, HYD, 4-WAY CROSS, 0.375 NPT
26	102603	1	PLUG, 0.375 NPT, SCHED. 40, COUNTERSUNK HEX
27	104475	1	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, DUAL

HYDRAULIC HOSES 4500 XL OR 5000 XL

HOSE #	PART NO.	DESCRIPTION
1B	103898	HOSE, HYD., 0.500 X 234.0 IN. LONG, -8 MORB X -8 FORFS
2B	103901	HOSE, HYD., 0.500 X 108.0 IN. LONG, -8 FORFS X -8 FORFS
3B	103900	HOSE, HYD., 0.500 X 96.000 IN LONG, -8 FORFS X -8 FORFS
4B	103899	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
5B	101652	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
6B	9432	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
7B	9432	HOSE, HYD., 0.375 X 312.000 IN LONG, GRACASE DRAIN LINE, 250 PSI

DUAL BIN METER BODY AND AIR COMP. HYD.

(DUAL SECTION)



HYDRAULIC HOSES 4500 HD

HOSE #	PART NO.	DESCRIPTION
1A	**103902**	HOSE, HYD., 0.500 X 300.0 IN. LONG, -8 MORB X -8 FORFS
2A	**104392**	HOSE, HYD., 0.500 X 180.0 IN. LONG, -8 FORFS X -8 FORFS
3A	**103900**	HOSE, HYD., 0.500 X 96.0 IN. LONG, -8 FORFS X -8 FORFS
4A	**105062**	HOSE, HYD., 0.500 X 84.0 IN. LONG, -8 FORFS X -8 FORFS
5A	**103903**	HOSE, HYD., 0.500 X 72.0 IN. LONG, -8 FORFS X -8 FORFS
6A	**103899**	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
7A	**101652**	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
8A	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
9A	**9432**	HOSE, HYD., 0.375 X 312.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI

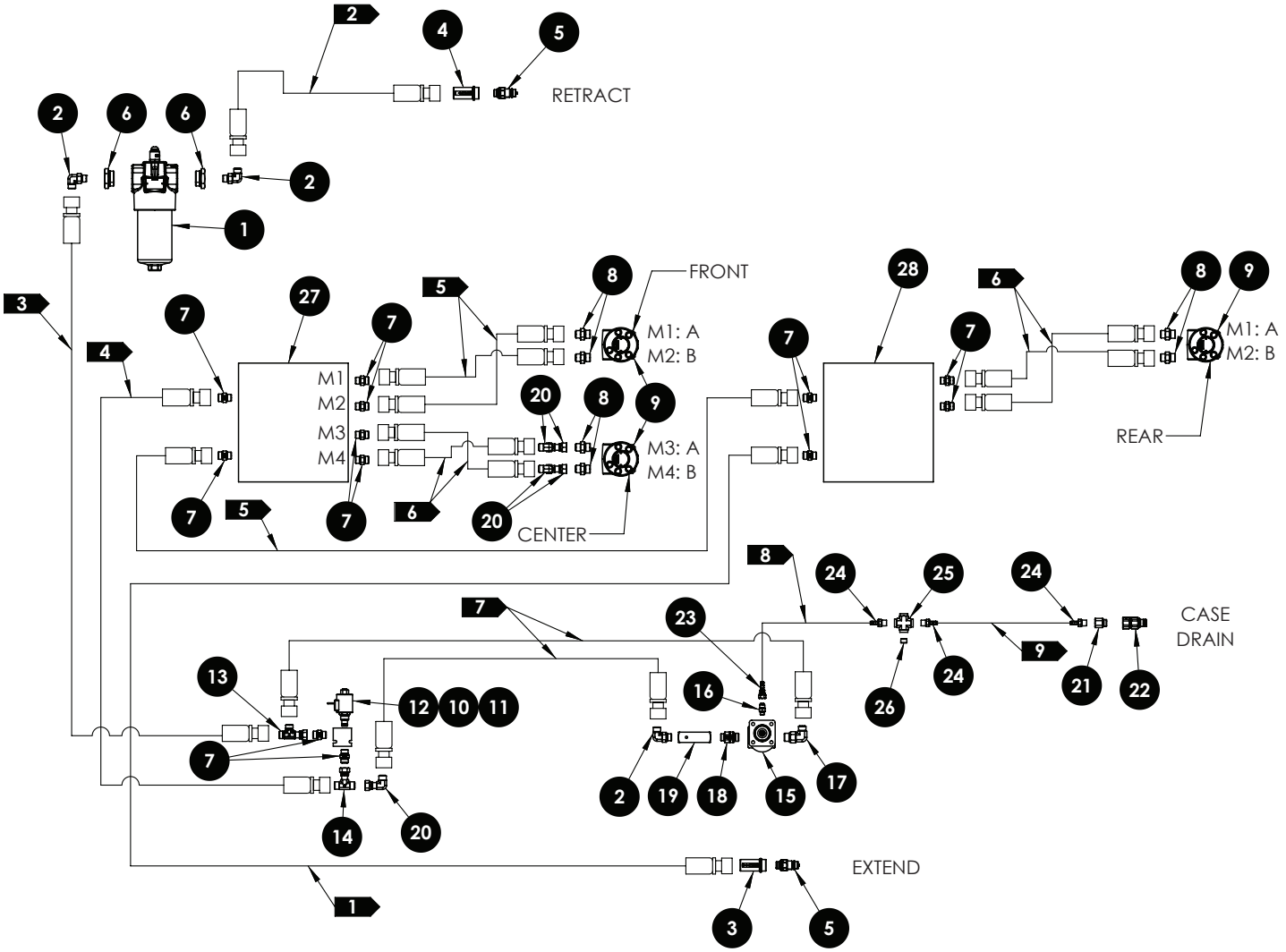
ITEM	PART NO.	QTY.	DESCRIPTION
1	**104422**	1	FILTER, HYDRAULIC, POP-UP INDICATOR
2	**7341**	3	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
3	**103925**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BLACK
4	**103926**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BLACK
5	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
6	**104423**	2	FTG, HYD, PORT ADAPTER, -20 MORB -8 FORB
7	**9188**	14	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
8	**7553**	8	FTG., HYD., ADAPTER, -8 MORFS X -10 MORB
9	**9466**	4	MOTOR, HYD., 0195, 4-BOLT, 0.875-14 SAE, 1.00 SHAFT, KEYED
10	**7680**	1	VALVE, HYD, ON/OFF, POPPET, 2-WAY, N.O., -10 FORB PORTS
11	**7703**	1	MANIFOLD, HYDRAULC, 2-WAY
12	**7018**	1	COIL, HYD VALVE, 18IN. LEAD W/WEATHER PACK TOWER
13	**9186**	1	FTG, HYD, RUN TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
14	**8047**	1	FTG., HYD., BRANCH TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
15	**9219**	1	MOTOR, HYD., -10 FORB PORTS, 0.563 SHAFT, KEYED
16	**9434**	1	FTG., HYD., STRAIGHT, -4 MORB X -6 MJIC
17	**7340**	1	FTG., HYD., ELBOW, -8 MORFS X -10 MORB
18	**101860**	1	FTG., HYD., STRAIGHT, -10 MORB X -8 MORB
19	**100913**	1	HYDRAULIC CHECK VALVE, -8 FORB PORTS
20	**7343**	1	FTG., HYD., ELBOW, -8 MORFS X -8 FORFS, SWIVEL
21	**8044**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X -8 MORB
22	**8328**	1	FTG., HYD., FLAT FACE COUPLER
23	**9433**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X 3/8 HOSE BARB
24	**9436**	3	FTG., HYD., STRAIGHT, 3/8 MALE PIPE X 3/8 HOSE BARB
25	**104877**	1	FTG, HYD, 4-WAY CROSS, 0.375 NPT
26	**102603**	1	PLUG, 0.375 NPT, SCHED. 40, COUNTERSUNK HEX
27	**104475**	2	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, DUAL

HYDRAULIC HOSES 4500 XL OR 5000 XL

HOSE #	PART NO.	DESCRIPTION
1B	**104420**	HOSE, HYD., 0.500 X 330.000 IN LONG, -8 MORB X -8 FORFS
2B	**103898**	HOSE, HYD., 0.500 X 234.000 IN LONG, -8 MORB X -8 FORFS
3B	**105064**	HOSE, HYD., 0.500 X 120.000 IN LONG, -8 FORFS X -8 FORFS
4B	**103904**	HOSE, HYD., 0.500 X 114.000 IN LONG, -8 FORFS X -8 FORFS
5B	**103903**	HOSE, HYD., 0.500 X 72.000 IN LONG, -8 FORFS X -8 FORFS
6B	**103899**	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
7B	**101652**	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
8B	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
9B	**9432**	HOSE, HYD., 0.375 X 312.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI

TRIPLE BIN METER BODY AND AIR COMP. HYD.

(SINGLE SECTION)



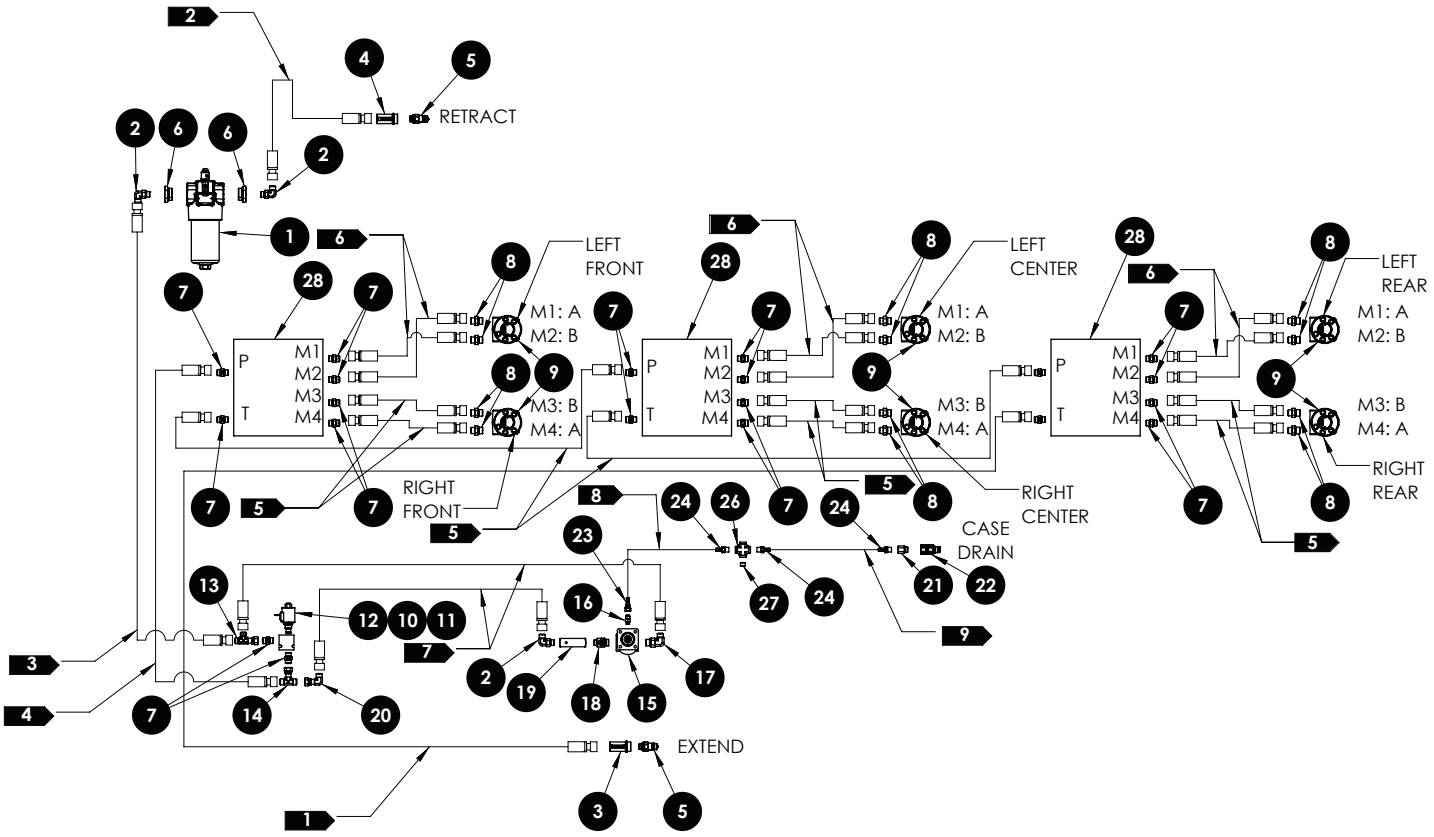
ITEM	PART NO.	QTY.	DESCRIPTION
1	**104422**	1	FILTER, HYDRAULIC, POP-UP INDICATOR
2	**7341**	3	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
3	**103925**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BLACK
4	**103926**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BLACK
5	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
6	**104423**	2	FTG, HYD, PORT ADAPTER, -20 MORB -8 FORB
7	**9188**	12	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
8	**7553**	6	FTG., HYD., ADAPTER, -8 MORFS X -10 MORB
9	**9466**	3	MOTOR, HYD., 0195, 4-BOLT, 0.875-14 SAE, 1.00 SHAFT, KEYED
10	**7680**	1	VALVE, HYD, ON/OFF, POPPET, 2-WAY, N.O., -10 FORB PORTS
11	**7703**	1	MANIFOLD, HYDRAULC, 2-WAY
12	**7018**	1	COIL, HYD VALVE, 18IN. LEAD W/WEATHER PACK TOWER
13	**9186**	1	FTG, HYD, RUN TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
14	**8047**	1	FTG., HYD., BRANCH TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
15	**9219**	1	MOTOR, HYD., -10 FORB PORTS, 0.563 SHAFT, KEYED
16	**9434**	1	FTG., HYD., STRAIGHT, -4 MORB X -6 MJIC
17	**7340**	1	FTG., HYD., ELBOW, -8 MORFS X -10 MORB
18	**101860**	1	FTG., HYD., STRAIGHT, -10 MORB X -8 MORB
19	**100913**	1	HYDRAULIC CHECK VALVE, -8 FORB PORTS
20	**7343**	5	FTG., HYD., ELBOW, -8 MORFS X -8 FORFS, SWIVEL
21	**8044**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X -8 MORB
22	**8328**	1	FTG., HYD., FLAT FACE COUPLER
23	**9433**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X 3/8 HOSE BARB
24	**9436**	3	FTG., HYD., STRAIGHT, 3/8 MALE PIPE X 3/8 HOSE BARB
25	**104877**	1	FTG, HYD, 4-WAY CROSS, 0.375 NPT
26	**102603**	1	PLUG, 0.375 NPT, SCHED. 40, COUNTERSUNK HEX
27	**104475**	1	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, DUAL
28	**104476**	1	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, SINGLE

HYDRAULIC HOSES

HOSE #	PART NO.	DESCRIPTION
1	**105076**	HOSE, HYD., 0.500 X 324.000 IN LONG, -8 MORB X -8 FORFS
2	**103902**	HOSE, HYD., 0.500 X 300.000 IN LONG, -8 MORB X -8 FORFS
3	**105068**	HOSE, HYD., 0.500 X 168.000 IN LONG, -8 FORFS X -8 FORFS
4	**105067**	HOSE, HYD., 0.500 X 156.000 IN LONG, -8 FORFS X -8 FORFS
5	**103903**	HOSE, HYD., 0.500 X 72.000 IN LONG, -8 FORFS X -8 FORFS
6	**103899**	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
7	**101652**	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
8	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
9	**9432**	HOSE, HYD., 0.375 X 312.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI

TRIPLE BIN METER BODY AND AIR COMP. HYD.

(DUAL SECTION)



HYDRAULIC HOSES

HOSE #	PART NO.	DESCRIPTION
1	**105787**	HOSE, HYD., 0.500 X 342.000 IN LONG, -8 MORB X -8 FORFS
2	**105076**	HOSE, HYD., 0.500 X 324.000 IN LONG, -8 MORB X -8 FORFS
3	**105065**	HOSE, HYD., 0.500 X 132.000 IN LONG, -8 FORFS X -8 FORFS
4	**105788**	HOSE, HYD., 0.500 X 129.000 IN LONG, -8 FORFS X -8 FORFS
5	**105062**	HOSE, HYD., 0.500 X 84.000 IN LONG, -8 FORFS X -8 FORFS
6	**103899**	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
7	**101652**	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
8	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
9	**9432**	HOSE, HYD., 0.375 X 312.000 IN LONG, GRACASE DRAIN LINE, 250 PSI

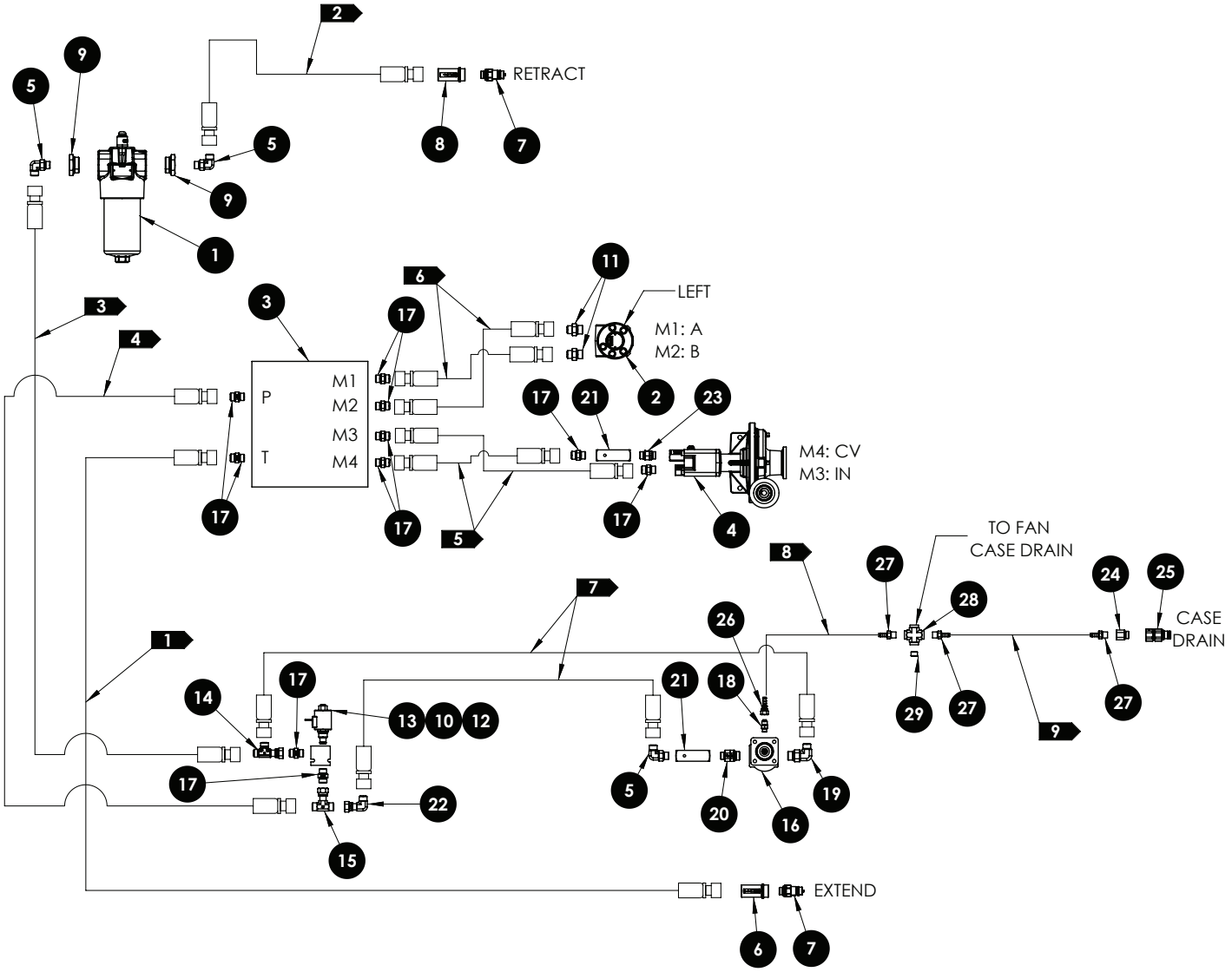
ITEM	PART NO.	QTY.	DESCRIPTION
1	**104422**	1	FILTER, HYDRAULIC, POP-UP INDICATOR
2	**7341**	3	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
3	**103925**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BLACK
4	**103926**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BLACK
5	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
6	**104423**	2	FTG, HYD, PORT ADAPTER, -20 MORB -8 FORB
7	**9188**	20	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
8	**7553**	12	FTG., HYD., ADAPTER, -8 MORFS X -10 MORB
9	**9466**	6	MOTOR, HYD., 0195, 4-BOLT, 0.875-14 SAE, 1.00 SHAFT, KEYED
10	**7680**	1	VALVE, HYD, ON/OFF, POPPET, 2-WAY, N.O., -10 FORB PORTS
11	**7703**	1	MANIFOLD, HYDRAULC, 2-WAY
12	**7018**	1	COIL, HYD VALVE, 18IN. LEAD W/WEATHER PACK TOWER
13	**9186**	1	FTG, HYD, RUN TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
14	**8047**	1	FTG., HYD., BRANCH TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
15	**9219**	1	MOTOR, HYD., -10 FORB PORTS, 0.563 SHAFT, KEYED
16	**9434**	1	FTG., HYD., STRAIGHT, -4 MORB X -6 MJIC
17	**7340**	1	FTG., HYD., ELBOW, -8 MORFS X -10 MORB
18	**101860**	1	FTG., HYD., STRAIGHT, -10 MORB X -8 MORB
19	**100913**	1	HYDRAULIC CHECK VALVE, -8 FORB PORTS
20	**7343**	1	FTG., HYD., ELBOW, -8 MORFS X -8 FORFS, SWIVEL
21	**8044**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X -8 MORB
22	**8328**	1	FTG., HYD., FLAT FACE COUPLER
23	**9433**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X 3/8 HOSE BARB
24	**9436**	3	FTG., HYD., STRAIGHT, 3/8 MALE PIPE X 3/8 HOSE BARB
25	**8400**	2	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, DUAL
26	**104877**	1	FTG, HYD, 4-WAY CROSS, 0.375 NPT
27	**102603**	1	PLUG, 0.375 NPT, SCHED. 40, COUNTERSUNK HEX
28	**104475**	3	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, DUAL

HYDRAULIC HOSES

HOSE #	PART NO.	DESCRIPTION
1	**105076**	HOSE, HYD., 0.500 X 324.000 IN LONG, -8 MORB X -8 FORFS
2	**103902**	HOSE, HYD., 0.500 X 300.000 IN LONG, -8 MORB X -8 FORFS
3	**105068**	HOSE, HYD., 0.500 X 168.000 IN LONG, -8 FORFS X -8 FORFS
4	**105063**	HOSE, HYD., 0.500 X 102.000 IN LONG, -8 FORFS X -8 FORFS
5	**103903**	HOSE, HYD., 0.500 X 72.000 IN LONG, -8 FORFS X -8 FORFS
6	**103899**	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
7	**101652**	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
8	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
9	**9432**	HOSE, HYD., 0.375 X 312.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI

COMBO METER BODY AND AIR COMPRESSOR HYD.

(SINGLE SECTION)



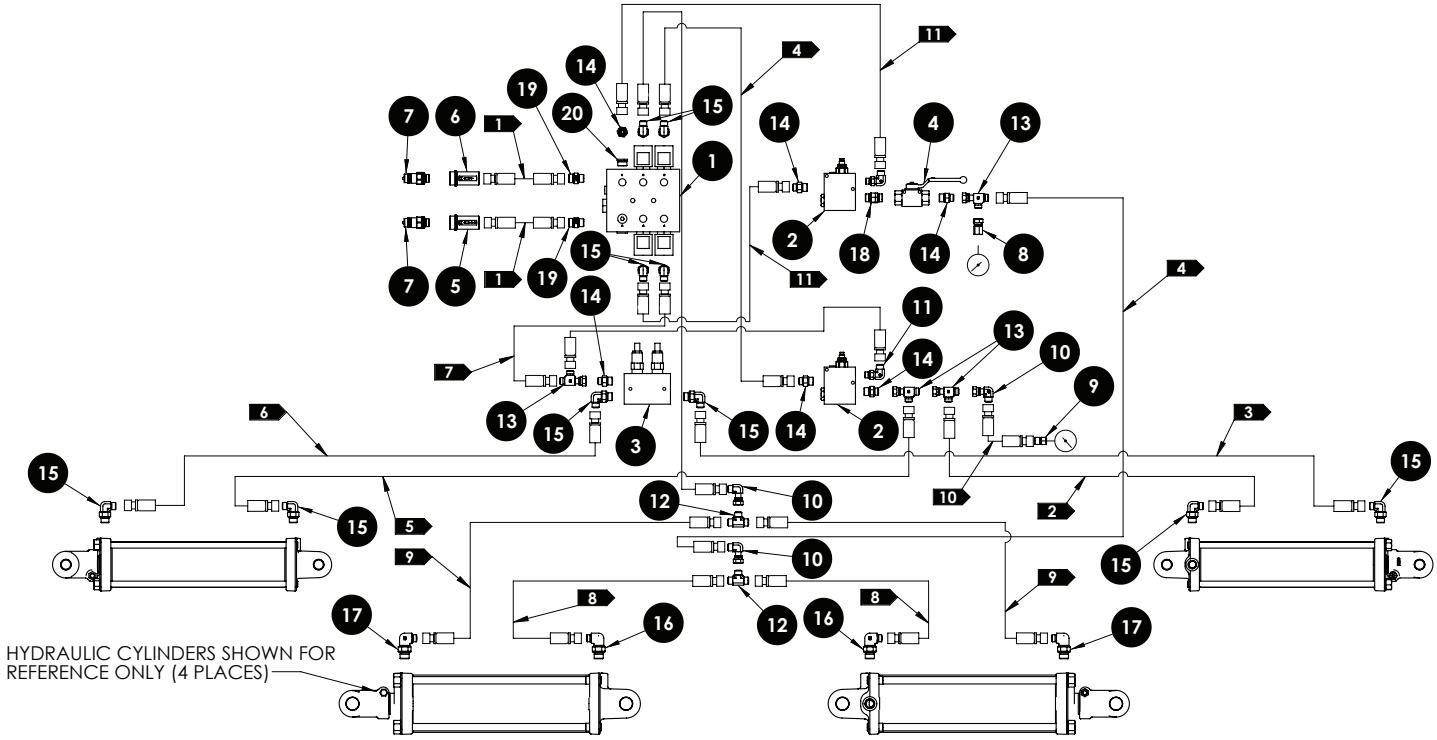
ITEM	PART NO.	QTY.	DESCRIPTION
1	**104422**	1	FILTER, HYDRAULIC, POP-UP INDICATOR
2	**7341**	3	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
3	**103925**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BLACK
4	**103926**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BLACK
5	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
6	**104423**	2	FTG, HYD, PORT ADAPTER, -20 MORB -8 FORB
7	**9188**	20	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
8	**7553**	12	FTG., HYD., ADAPTER, -8 MORFS X -10 MORB
9	**9466**	6	MOTOR, HYD., 0195, 4-BOLT, 0.875-14 SAE, 1.00 SHAFT, KEYED
10	**7680**	1	VALVE, HYD, ON/OFF, POPPET, 2-WAY, N.O., -10 FORB PORTS
11	**7703**	1	MANIFOLD, HYDRAULC, 2-WAY
12	**7018**	1	COIL, HYD VALVE, 18IN. LEAD W/WEATHER PACK TOWER
13	**9186**	1	FTG, HYD, RUN TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
14	**8047**	1	FTG., HYD., BRANCH TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
15	**9219**	1	MOTOR, HYD., -10 FORB PORTS, 0.563 SHAFT, KEYED
16	**9434**	1	FTG., HYD., STRAIGHT, -4 MORB X -6 MJIC
17	**7340**	1	FTG., HYD., ELBOW, -8 MORFS X -10 MORB
18	**101860**	1	FTG., HYD., STRAIGHT, -10 MORB X -8 MORB
19	**100913**	1	HYDRAULIC CHECK VALVE, -8 FORB PORTS
20	**7343**	1	FTG., HYD., ELBOW, -8 MORFS X -8 FORFS, SWIVEL
21	**8044**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X -8 MORB
22	**8328**	1	FTG., HYD., FLAT FACE COUPLER
23	**9433**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X 3/8 HOSE BARB
24	**9436**	3	FTG., HYD., STRAIGHT, 3/8 MALE PIPE X 3/8 HOSE BARB
25	**8400**	2	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, DUAL
26	**104877**	1	FTG, HYD, 4-WAY CROSS, 0.375 NPT
27	**102603**	1	PLUG, 0.375 NPT, SCHED. 40, COUNTERSUNK HEX
28	**104475**	3	HYDRAULIC VALVE ASSY., PROPORTIONAL MOTOR CONTROL, DUAL

HYDRAULIC HOSES

HOSE #	PART NO.	DESCRIPTION
1	**105076**	HOSE, HYD., 0.500 X 324.000 IN LONG, -8 MORB X -8 FORFS
2	**103902**	HOSE, HYD., 0.500 X 300.000 IN LONG, -8 MORB X -8 FORFS
3	**105068**	HOSE, HYD., 0.500 X 168.000 IN LONG, -8 FORFS X -8 FORFS
4	**105063**	HOSE, HYD., 0.500 X 102.000 IN LONG, -8 FORFS X -8 FORFS
5	**103903**	HOSE, HYD., 0.500 X 72.000 IN LONG, -8 FORFS X -8 FORFS
6	**103899**	HOSE, HYD., 0.500 X 30.000 IN LONG, -8 FORFS X -8 FORFS
7	**101652**	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
8	**9432**	HOSE, HYD., 0.375 X 9.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI
9	**9432**	HOSE, HYD., 0.375 X 312.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI

TILT AND FOLD CIRCUIT

(3100)



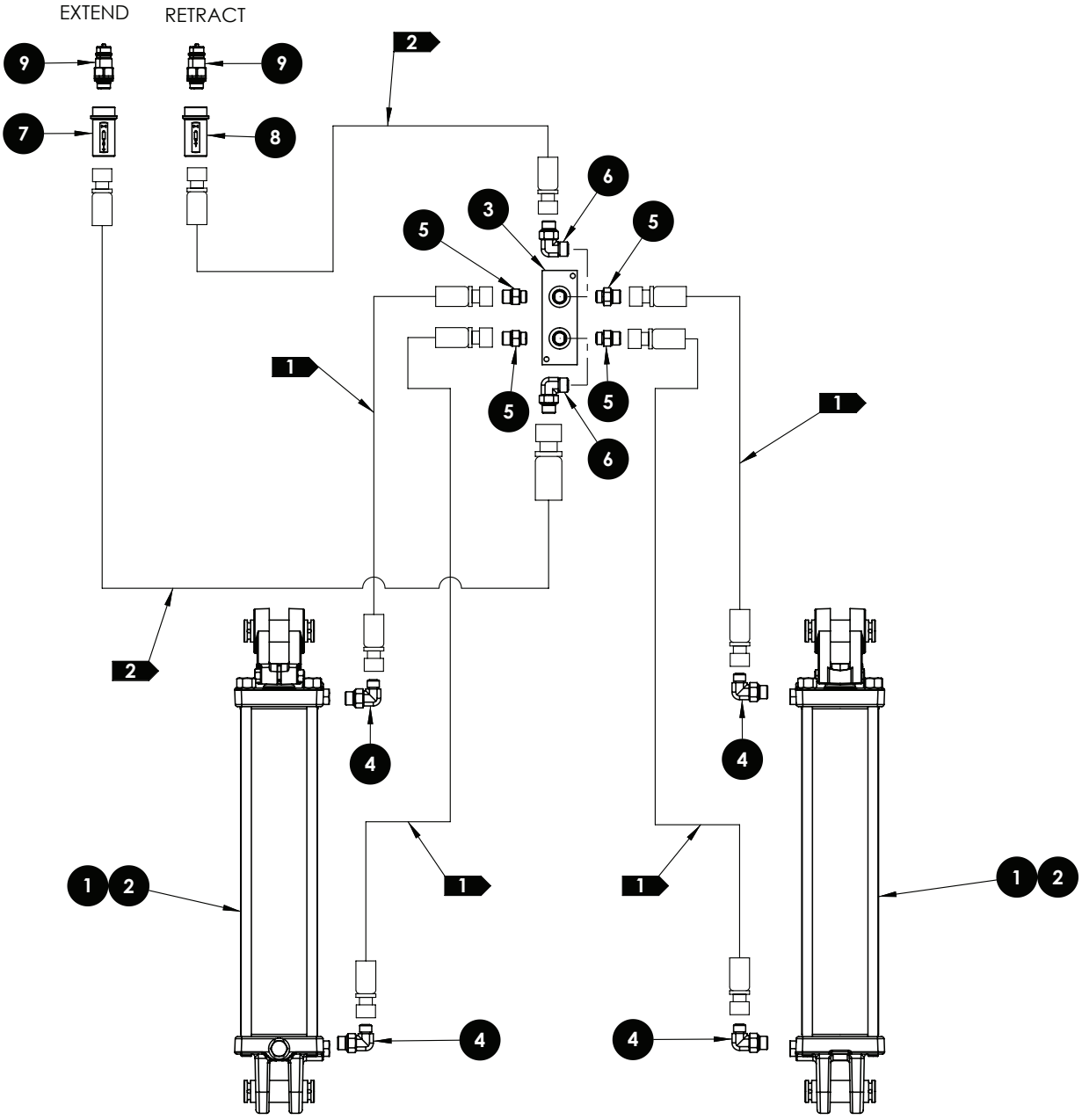
ITEM	PART NO.	QTY.	DESCRIPTION
1	**8506**	1	HYDRAULIC FUNCTION SELECTOR, LOW FLOW
2	**8479**	2	BLOCK, HYD., PRESS. REDUCING
3	**8713**	1	HYD. ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
4	**104387**	1	ASSY, HYDRAULIC BALL VALVE
5	**103919**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, GREEN
6	**103920**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, GREEN
7	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
8	**104003**	1	FITTING, #6 FORFS X #4 FORB
9	**100882**	1	FTG., HYD., REDUCER, -6 MORFS X -4 FORB
10	**7342**	3	FTG., HYD., 90 DEG. ELBOW, -6 ORFS MALE X -6 ORFS FEMALE SWIVEL
11	**7339**	2	HYDRAULIC ELBOW STRAIGHT 6-C5OLO-S
12	**7449**	2	FTG., HYD., TEE, -6 SAE ORFS
13	**8681**	4	HYDRAULIC FITTING 6 R6LO-S SWIVEL NUT RUN TEE
14	**7333**	6	FTG., HYD., ADAPTER, -6 MORFS X -08 MORB
15	**7338**	10	FTG., HYD., 90 DEG. ELBOW, -6 MORFS X -8 MORB
16	**2172**	2	FTG., HYD., 90 DEG. ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
17	**7337**	2	FTG., HYD., 90 DEG. ELBOW, -6 MORFS X -10 MORB
18	**8667**	1	FTG., HYD., UNION, -8 MORB X -8 MORB
19	**9188**	2	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
20	**104006**	1	FITTING, PLUG, HYDRAULIC, HOLLOW HEX, SAE 10

HYDRAULIC HOSES

HOSE #	PART NO.	DESCRIPTION
1	**105069**	HOSE, HYD., 0.500 X 168.0 IN. LONG, -8 MORB X -8 FORFS
2	**103914**	HOSE, HYD., 0.375 X 144.0 IN. LONG, -6 FORFS X -6 FORFS
3	**105084**	HOSE, HYD., 0.375 X 129.0 IN. LONG, -6 FORFS X -6 FORFS
4	**105082**	HOSE, HYD., 0.375 X 99.0 IN. LONG, -6 FORFS X -6 FORFS
5	**103910**	HOSE, HYD., 0.375 X 84.0 IN. LONG, -6 FORFS X -6 FORFS
6	**105081**	HOSE, HYD., 0.375 X 72.0 IN. LONG, -6 FORFS X -6 FORFS
7	**105348**	HOSE, HYD., 0.375 X 63.0 IN. LONG, -6 FORFS X -6 FORFS
8	**105079**	HOSE, HYD., 0.375 X 60.0 IN. LONG, -6 FORFS X -6 FORFS
9	**105078**	HOSE, HYD., 0.375 X 54.0 IN. LONG, -6 FORFS X -6 FORFS
10	**103936**	HOSE, HYD., 0.375 X 36.0 IN. LONG, -6 FORFS X -6 FORFS
11	**103890**	HOSE, HYD., 0.375 X 19.0 IN. LONG, -6 FORFS X -6 FORFS

LIFT CIRCUIT

(4500 XL)



CYLINDER SELECTION
FOR 30 IN. ROW SPACING:
16 ROW AND BELOW: USE 101650 (4 X 16)
18 ROW AND ABOVE: USE 100885 (5 X 16)

FOR 20/22 IN. ROW SPACING:
USE 100885 (5 X 16)

ITEM	PART NO.	QTY.	DESCRIPTION
1	**101650**	2	CYLINDER, HYD., 4.00 X 16.00, 1.75 DIA. ROD (26.25 RETRACT)
2	**100885**	2	CYLINDER, HYD., 5.00 X 16.00, 2.50 DIA. ROD (26.25 RETRACT)
3	**104038**	1	MANIFOLD, JUNCTION, HYDRAULIC, 270 DEGREE, 2 STATION
4	**7338**	4	FTG., HYD., 90 DEG. ELBOW, -6 MORFS X -8 MORB
5	**7333**	4	FTG., HYD., ADAPTER, -6 MORFS X -08 MORB
6	**7341**	2	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
7	**103919**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, GREEN
8	**103920**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, GREEN
9	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB

HYDRAULIC HOSES 4500 HD

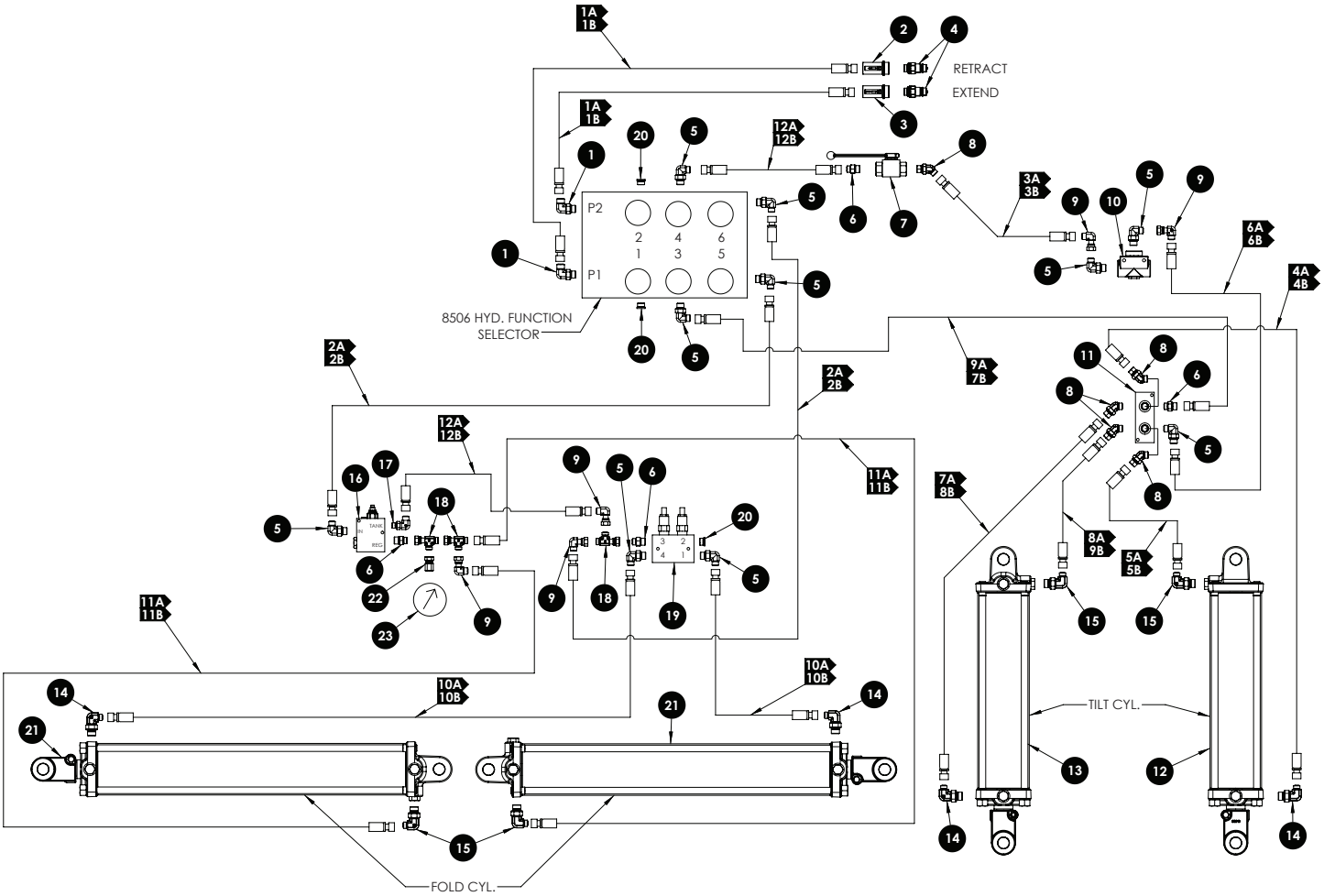
HOSE #	PART NO.	DESCRIPTION
1	**103937**	HOSE, HYD., 0.375 X 48.000 IN LONG, 6 FORFS X 6 FORFS
2	**103895**	HOSE, HYD., 0.500 X 372.000 IN LONG, 8 MORB X 8 FORFS

HYDRAULIC HOSES 4500 XXL

HOSE #	PART NO.	DESCRIPTION
1	**103937**	HOSE, HYD., 0.375 X 48.000 IN LONG, 6 FORFS X 6 FORFS
2	**105076**	HOSE, HYD., 0.500 X 324.000 IN LONG, 8 MORB X 8 FORFS

TILT AND FOLD CIRCUIT

(4500 XL)



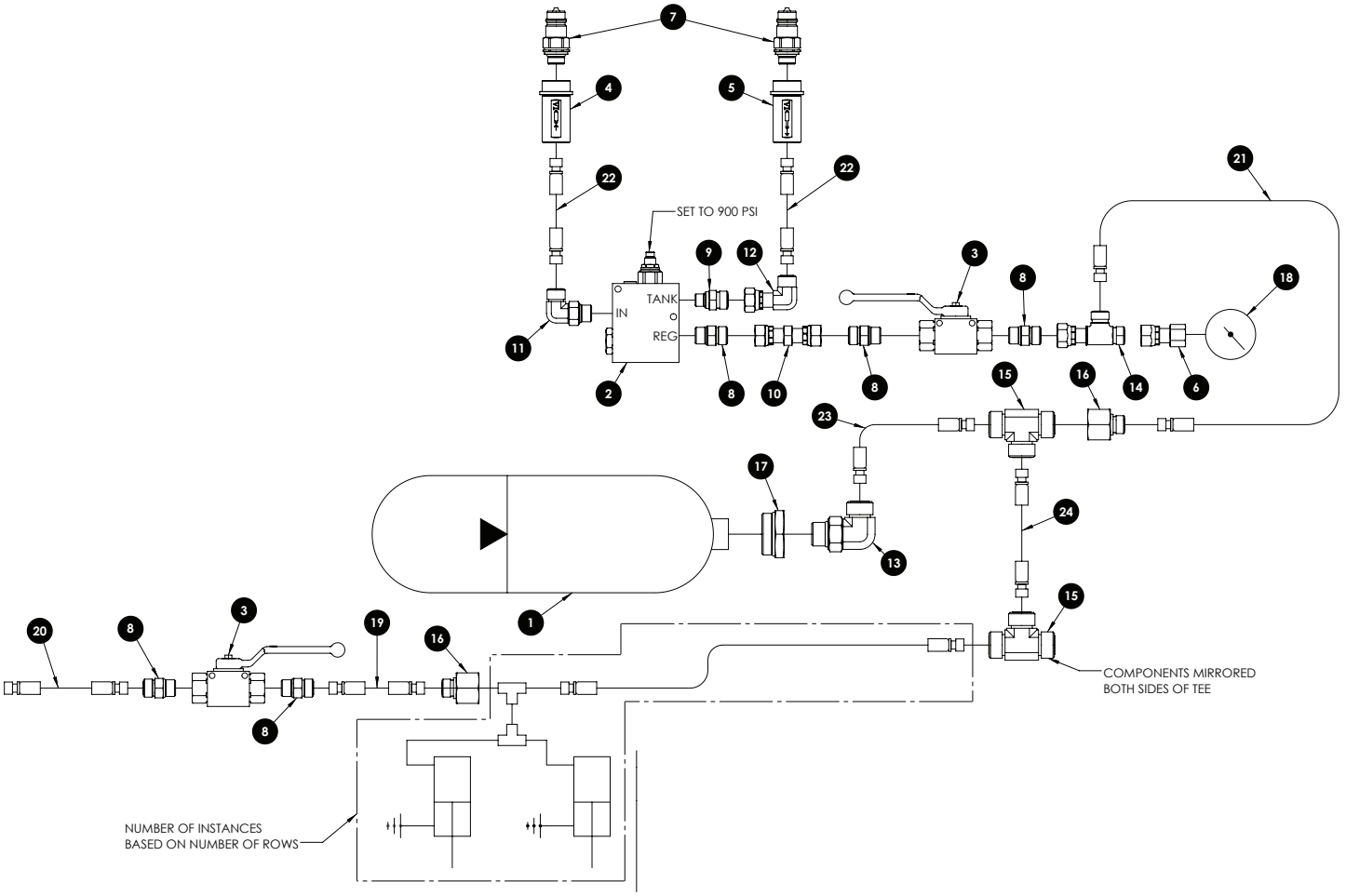
HYDRAULIC HOSES 4500 HD

HOSE #	PART NO.	DESCRIPTION
1A	**105071**	HOSE, HYD., 0.500 X 204.000 IN LONG, -8 MORB X -8 FORFS
2A	**105086**	HOSE, HYD., 0.375 X 228.000 IN LONG, -6 FORFS X -6 FORFS
3A	**105085**	HOSE, HYD., 0.375 X 168.000 IN LONG, -6 FORFS X -6 FORFS
4A	**103914**	HOSE, HYD., 0.375 X 144.000 IN LONG, -6 FORFS X -6 FORFS
5A	**104069**	HOSE, HYD., 0.375 X 138.000 IN LONG, -6 FORFS X -6 FORFS
6A	**103891**	HOSE, HYD., 0.375 X 108.000 IN LONG, -6 FORFS X -6 FORFS
7A	**103910**	HOSE, HYD., 0.375 X 84.000 IN LONG, -6 FORFS X -6 FORFS
8A	**103915**	HOSE, HYD., 0.375 X 78.000 IN LONG, -6 FORFS X -6 FORFS
9A	**105078**	HOSE, HYD., 0.375 X 54.000 IN LONG, -6 FORFS X -6 FORFS
10A	**103893**	HOSE, HYD., 0.375 X 42.000 IN LONG, -6 FORFS X -6 FORFS
11A	**103894**	HOSE, HYD., 0.375 X 28.000 IN LONG, -6 FORFS X -6 FORFS
12A	**103890**	HOSE, HYD., 0.375 X 19.000 IN LONG, -6 FORFS X -6 FORFS

ITEM	PART NO.	QTY.	DESCRIPTION
1	**7341**	2	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
2	**103922**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BLUE
3	**103921**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BLUE
4	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
5	**7338**	10	FTG., HYD., 90 DEG. ELBOW, -6 MORFS X -8 MORB
6	**7333**	4	FTG., HYD., ADAPTER, -6 MORFS X -08 MORB
7	**8661**	1	HYDRAULIC BALL VALVE, 5000 PSI, 0.750-16 ORB
8	**102298**	5	FTG., HYD., 45 DEG. ELBOW, -6 MORFS X -8 MORB
9	**7342**	5	FTG., HYD., 90 DEG. ELBOW, -6 ORFS MALE X -6 ORFS FEMALE SWIVEL
10	**7648**	1	HYD. VALVE, BUMP STOP
11	**104038**	1	MANIFOLD, JUNCTION, HYDRAULIC, 270 DEGREE, 2 STATION
12	**104250**	1	CYLINDER, HYD., RIGHT, 5.00 X 18.00, 2.00 DIA. ROD (30.25 RETRACT)
13	**104249**	1	CYLINDER, HYD., LEFT, 5.00 X 18.00, 2.00 DIA. ROD (30.25 RETRACT)
14	**7337**	4	FTG., HYD., 90 DEG. ELBOW, -6 MORFS X -10 MORB
15	**2172**	4	FTG., HYD., 90 DEG. ELBOW, -6 MORFS X -10 MORB, 0.065 ORIFICE
16	**8479**	1	BLOCK, HYD., PRESS. REDUCING
17	**7339**	1	HYDRAULIC ELBOW STRAIGHT 6-C5OLO-S
18	**8681**	3	HYDRAULIC FITTING 6 R6LO-S SWIVEL NUT RUN TEE
19	**8713**	1	HYD. ASSEMBLY, DOUBLE RELIEF, BI-DIRECTIONAL
20	**9005**	3	PLUG, -8 SAE ORB HOLLOW HEX
21	**7740**	2	CYLINDER, HYD., 5.00 X 30.00, 2.00 DIA. ROD (42.25 RETRACT)
22	**104003**	1	FITTING, #6 FORFS X #4 FORB
23	**100846**	1	GAUGE, PRESSURE, 0.438-20 SAE-ORB, 210-3000 PSI

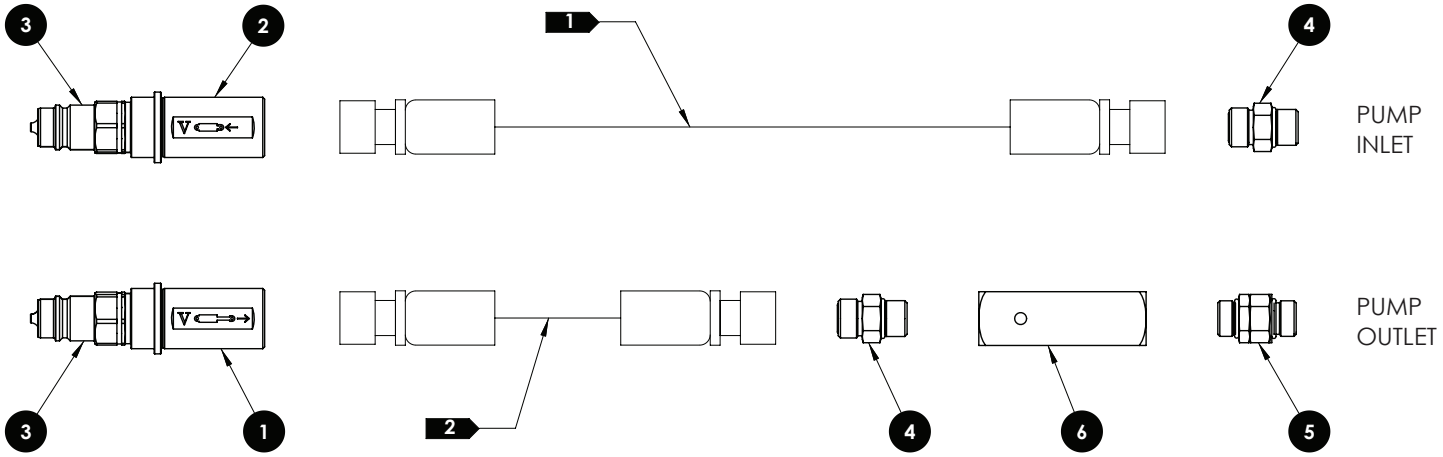
HYDRAULIC HOSES 4500 XXL

HOSE #	PART NO.	DESCRIPTION
1B	**103889**	HOSE, HYD., 0.500 X 210.000 IN LONG, -8 MORB X -8 FORFS
2B	**103892**	HOSE, HYD., 0.375 X 252.000 IN LONG, -6 FORFS X -6 FORFS
3B	**103909**	HOSE, HYD., 0.375 X 189.000 IN LONG, -6 FORFS X -6 FORFS
4B	**103914**	HOSE, HYD., 0.375 X 144.000 IN LONG, -6 FORFS X -6 FORFS
5B	**104069**	HOSE, HYD., 0.375 X 138.000 IN LONG, -6 FORFS X -6 FORFS
6B	**103891**	HOSE, HYD., 0.375 X 108.000 IN LONG, -6 FORFS X -6 FORFS
7B	**103888**	HOSE, HYD., 0.375 X 90.000 IN LONG, -6 FORFS X -6 FORFS
8B	**103910**	HOSE, HYD., 0.375 X 84.000 IN LONG, -6 FORFS X -6 FORFS
9B	**103915**	HOSE, HYD., 0.375 X 78.000 IN LONG, -6 FORFS X -6 FORFS
10B	**103893**	HOSE, HYD., 0.375 X 42.000 IN LONG, -6 FORFS X -6 FORFS
11B	**103894**	HOSE, HYD., 0.375 X 28.000 IN LONG, -6 FORFS X -6 FORFS
12B	**103890**	HOSE, HYD., 0.375 X 19.000 IN LONG, -6 FORFS X -6 FORFS


SET TO 900 PSI
TANK
IN
REG
COMPONENTS MIRRORED
BOTH SIDES OF TEE
NUMBER OF INSTANCES
BASED ON NUMBER OF ROWS

ITEM	PART NO.	QTY.	DESCRIPTION
1	**104000**	1	ACCUMULATOR, HYDRAULIC, 800 PSI PRE-CHARGE, 20L (5 GAL.)
2	**8479**	1	BLOCK, HYD., PRESS. REDUCING
3	**104387**	3	ASSY, HYDRAULIC BALL VALVE
4	**104040**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, GRAY
5	**104039**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, GRAY
6	**103579**	1	FITTING, 13/16-16 FORFS X 7/16-20 FORB, 8-4 G65L-S
7	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
8	**9188**	7	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
9	**7336**	1	FITTING, STRAIGHT, HYDRAULIC, 8-6 F5OLO-S
10	**9187**	1	FTG, HYD, UNION, -8 ORFS W/SWIVEL
11	**7341**	1	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
12	**7343**	1	FTG., HYD., ELBOW, -8 MORFS X -8 FORFS, SWIVEL
13	**103712**	1	FITTING, HYD., ELBOW, #12 MORB X #12 MORFS
14	**9186**	1	FTG, HYD, RUN TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
15	**103713**	2	FITTING, HYD., UNION TEE, #12 MORFS
16	**103716**	3	FITTING, HYD., REDUCER, #8 MORFS X #12 FORFS
17	**103578**	1	PORT REDUCER, 1 7/8-12 MORB X 1 1/16-12 FORB, 24-12 F5OG5-S
18	**100846**	1	GAUGE, PRESSURE, 0.438-20 SAE-ORB, 210-3000 PSI
19	**104395**	2	HOSE, HYD., 0.500 X 20.00 IN. LONG, -8 FORFS X -8 FORFS
20	**104396**	2	HOSE, HYD., 0.500 X 45.00 IN. LONG, -8 FORFS X -8 FORFS
21	**104392**	1	HOSE, HYD., 0.500 X 180.00 IN. LONG, -8 FORFS X -8 FORFS
22	**104391**	2	HOSE, HYD., 0.500 X 216.00 IN. LONG, -8 MORB X -8 FORFS
23	**104393**	1	HOSE, HYD., 0.750 X 12.00 IN. LONG, -12 FORFS X -12 FORFS
24	**104394**	1	HOSE, HYD., 0.750 X 60.00 IN. LONG, -12 FORFS X -12 FORFS

LIQUID PUMP



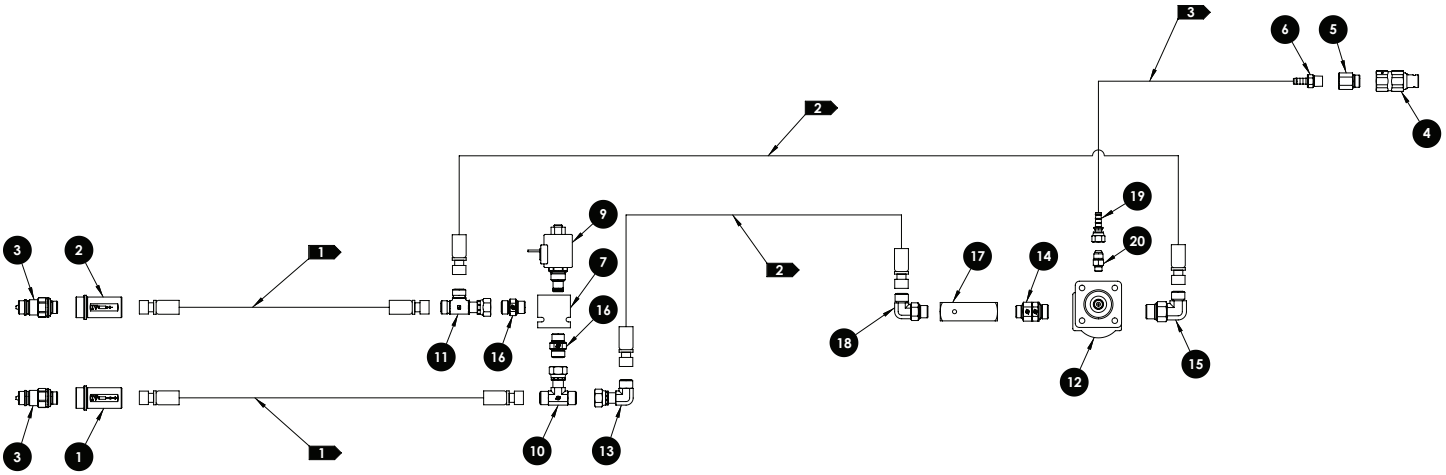
ITEM	PART NO.	QTY.	DESCRIPTION
1	**103929**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, PURPLE
2	**103930**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, PURPLE
3	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
4	**9188**	2	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
5	**8667**	1	FTG., HYD., UNION, -8 MORB X -8 MORB
6	**100913**	1	HYDRAULIC CHECK VALVE, -8 FORB PORTS

HYDRAULIC HOSES 4500 HD

HOSE #	PART NO.	DESCRIPTION
1	**105355**	HOSE, HYD., 0.500 X 222.00 IN. LONG, -8 MORB X -8 FORFS
2	**104391**	HOSE, HYD., 0.500 X 216.00 IN. LONG, -8 MORB X -8 FORFS

HYDRAULIC HOSES 4500 XL OR 5000 XL

HOSE #	PART NO.	DESCRIPTION
1	**105075**	HOSE, HYD., 0.500 X 282.0 IN. LONG, -8 MORB X -8 FORFS
2	**105357**	HOSE, HYD., 0.500 X 276.0 IN. LONG, -8 MORB X -8 FORFS

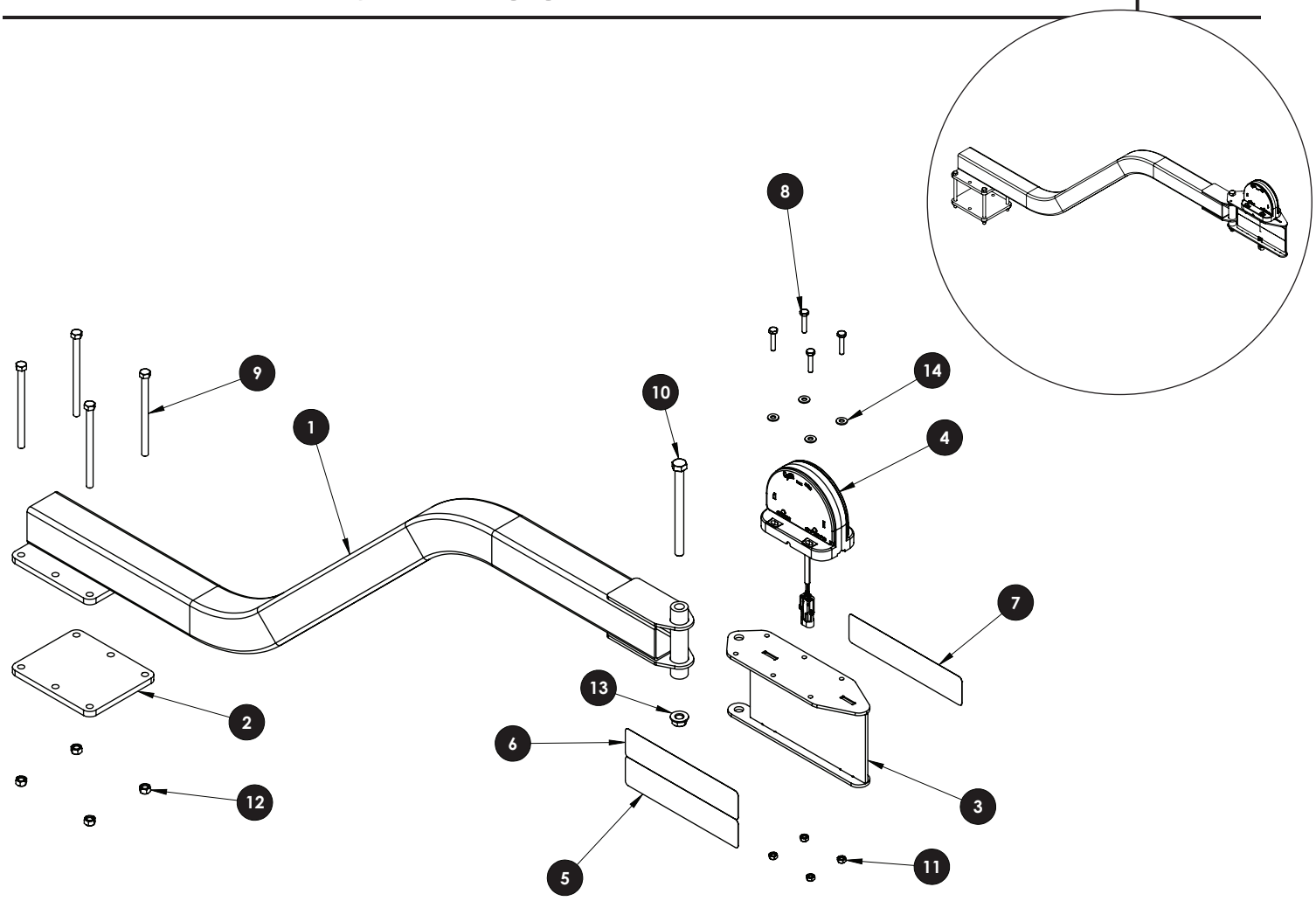

3
6
5
4
2
19
20
9
7
16
11
16
2
17
14
18
12
15
3
2
1
3
1
1
10
13

ITEM	PART NO.	QTY.	DESCRIPTION
1	**103925**	1	GRIP, HYD. HOSE, ALUMINUM, EXTEND, -8 FORB, BLACK
2	**103926**	1	GRIP, HYD. HOSE, ALUMINUM, RETRACT, -8 FORB, BLACK
3	**103939**	2	FTG., HYD., PIONEER TIP, -8 MORB
4	**8328**	1	FTG., HYD., FLAT FACE COUPLER
5	**8044**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X -8 MORB
6	**9436**	1	FTG., HYD., STRAIGHT, 3/8 MALE PIPE X 3/8 HOSE BARB
7	**7703**	1	MANIFOLD, HYDRAULC, 2-WAY
8	**7680**	1	VALVE, HYD, ON/OFF, POPPET, 2-WAY, N.O., -10 FORB PORTS
9	**7018**	1	COIL, HYD VALVE, 18IN. LEAD W/WEATHER PACK TOWER
10	**8047**	1	FTG., HYD., BRANCH TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
11	**9186**	1	FTG, HYD, RUN TEE, -8 MORFS X -8 MORFS X -8 FORFS, SWIVEL
12	**9219**	1	MOTOR, HYD., -10 FORB PORTS, 0.563 SHAFT, KEYED
13	**7343**	1	FTG., HYD., ELBOW, -8 MORFS X -8 FORFS, SWIVEL
14	**101860**	1	FTG., HYD., STRAIGHT, -10 MORB X -8 MORB
15	**7340**	1	FTG., HYD., ELBOW, -8 MORFS X -10 MORB
16	**9188**	2	FTG., HYD., STRAIGHT, -8 MORFS X -8 MORB
17	**100913**	1	HYDRAULIC CHECK VALVE, -8 FORB PORTS
18	**7341**	1	FTG., HYD., ELBOW, -8 MORFS X -8 MORB
19	**9433**	1	FTG., HYD., STRAIGHT, 3/8 FEMALE PIPE X 3/8 HOSE BARB
20	**9434**	1	FTG., HYD., STRAIGHT, -4 MORB X -6 MJIC

HYDRAULIC HOSES

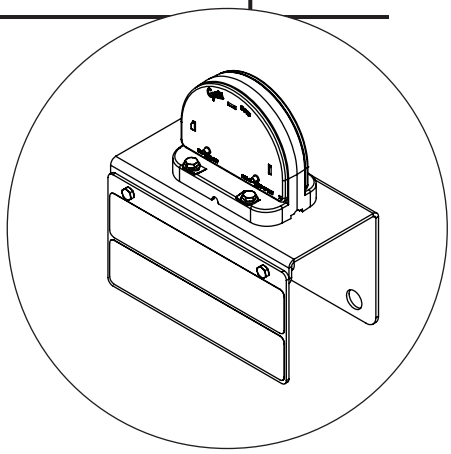
HOSE #	PART NO.	DESCRIPTION
1	**105075**	HOSE, HYD., 0.500 X 282.0 IN. LONG, -8 MORB X -8 FORFS
2	**101652**	HOSE, HYD., 0.500 X 20.000 IN LONG, -8 FORFS X -8 FORFS
3	**9432**	HOSE, HYD., 0.375 X 282.000 IN LONG, GRAY CASE DRAIN LINE, 250 PSI

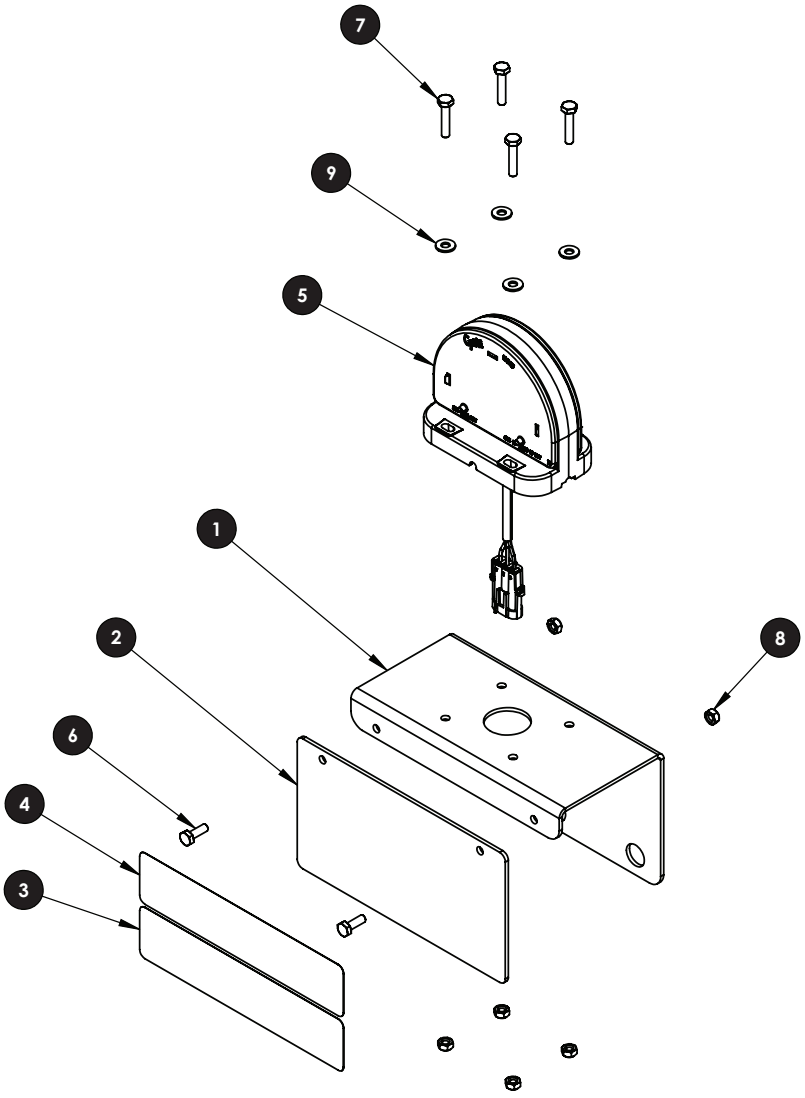
AMBER LIGHT ASSEMBLY



ITEM	PART NO.	QTY.	DESCRIPTION
1	**103633GY1**	1	WELD, OFFSET AMBER LIGHT TUBE
2	**103634GY1**	1	PLATE, FLANGE, LIGHT TUBE
3	**103635GY1**	1	WELD, BRACKET, AMBER LIGHT
4	**103622**	1	LIGHT, AMBER
5	**103765**	1	DECAL, ORANGE, JD5922
6	**103766**	1	DECAL, RED, JD5920
7	**103767**	1	DECAL, YELLOW, JD5921
8	**102561**	4	BOLT, 0.250-20 UNC-2A X 1.250 HHCS, GR. 8
9	**100126**	4	BOLT, 0.375-16 UNC-2A X 5.500 HHCS, GR. 5
10	**103396**	1	BOLT, 0.500-13 UNC-2A X 6.000 HHCS, GR. 5
11	**7794**	4	NUT, 0.250-20 UNC TOP LOCK HEX
12	**9361**	4	NUT, 0.375-16 UNC TOP LOCK HEX GR. C
13	**7666**	1	NUT, 0.500-13 UNC FLANGE LOCK, HEX GR. G, ZINC
14	**7111**	4	WASHER, 0.250 FLAT SAE NARROW SOFT

RED LIGHT ASSEMBLY

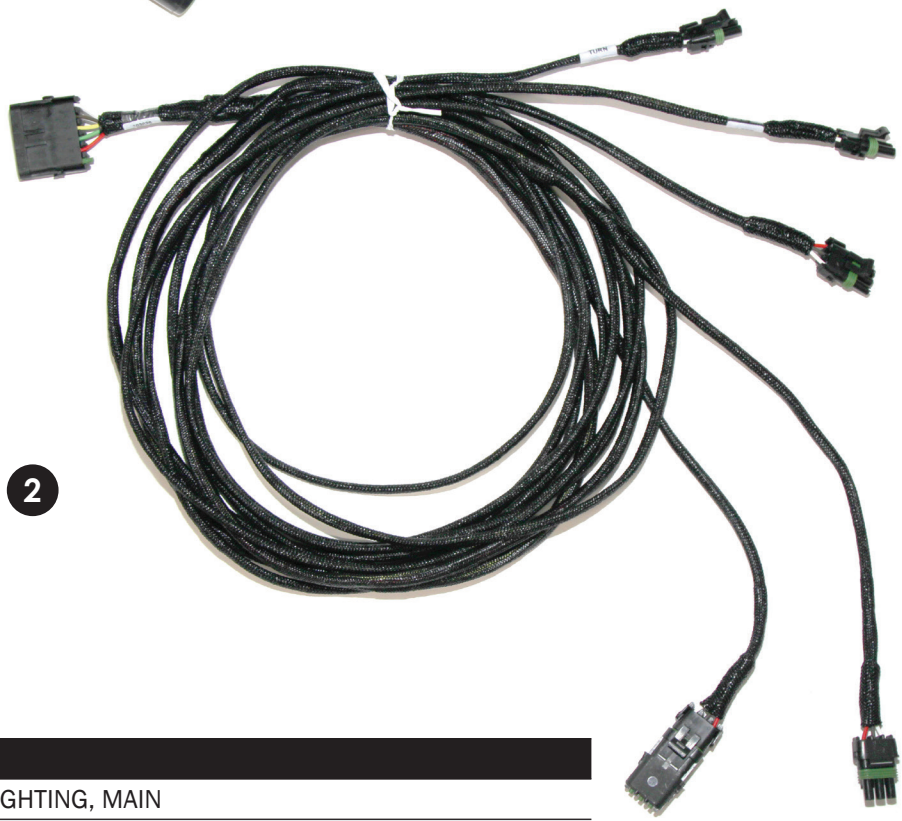




ITEM	PART NO.	QTY.	DESCRIPTION
1	**103637GY1**	1	PLATE, BRACKET, RED LIGHT
2	**103771GY1**	1	PLATE, SAFETY LIGHT, DECALS
3	**103765**	1	DECAL, ORANGE, JD5922
4	**103766**	1	DECAL, RED, JD5920
5	**103623**	1	LIGHT, RED
6	**9440**	2	BOLT, 0.250-20 UNC-2A X 0.750 HHCS, GR. 5
7	**102561**	4	BOLT, 0.250-20 UNC-2A X 1.250 HHCS, GR. 8
8	**7794**	6	NUT, 0.250-20 UNC TOP LOCK HEX
9	**7111**	4	WASHER, 0.250 FLAT SAE NARROW SOFT

LIGHTING HARNESSES & WORKING LIGHTS





ITEM	PART NO.	DESCRIPTION
1	101056	HARNESS, IMPLEMENT LIGHTING, MAIN
2	103626	HARNESS, IMPLEMENT LIGHTING



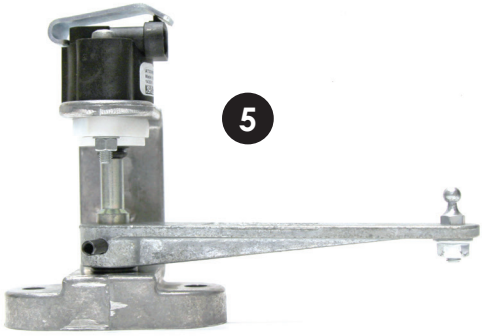
ITEM	PART NO.	DESCRIPTION
1	**104584**	LIGHT, LED, 4.00 X 3.00, SURFACE MOUNT
2	**100559YL1**	BRACKET, MOUNT, WORKING LIGHTS
3	**105772**	HARNESS, ELEC., WORK LIGHTS
4	**104592**	NUT, M10-1.5, SERRATED FLANGE HEX LOCK











ITEM	PART NO.	DESCRIPTION
1	**101676**	ENCODER, SHAFT SPEED, RAVEN
2	**101677**	SENSOR, BIN, LOW LEVEL
3	**102848**	ASSEMBLY, SENSOR, PROXIMITY, HIGH CURRENT, DT CONNECTOR
4	**101678**	SENSOR, FAN RPM
5	**2760**	JD ACTIVE IMPLEMENT GUIDANCE FEEDBACK SENSOR

SCALE HEAD



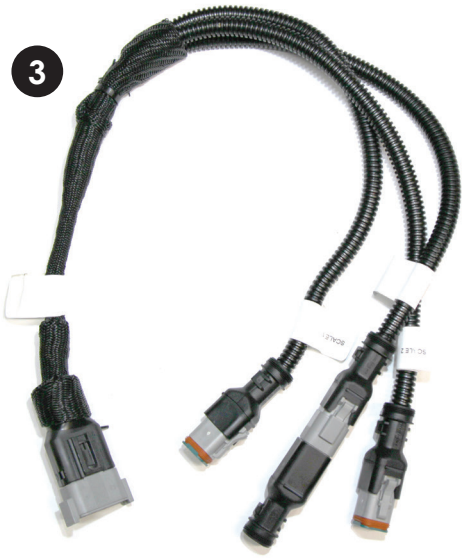




ITEM	PART NO.	DESCRIPTION
1	**106678**	SCALE DISPLAY
2	**104254**	HARNESS, ELECTRICAL, POWER, SCALE
3	**9908**	WEIGHT BAR, 2.500 IN., 30 FT. CABLE







ITEM	PART NO.	DESCRIPTION
1	**101907**	4-WEIGH BAR, 5-PIN, JUNCTION BOX
2	**101908**	CABLE, CROWN 5-PIN TO DT06, 6 FT.
3	**102395**	CABLE, ADAPTER, 12P DTM TO 2 SCALES

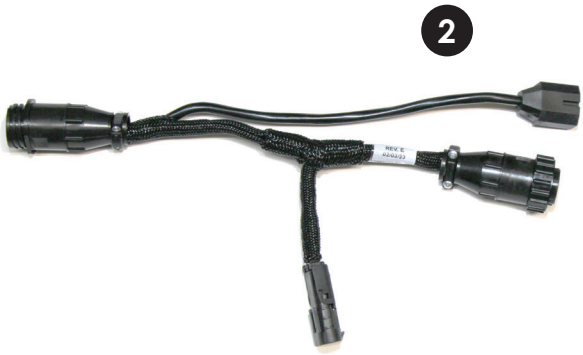
REMOTE DISPLAY





ITEM	PART NO.	DESCRIPTION
1	**101682**	DISPLAY, REMOTE
2	**101683**	CABLE, REMOTE DISPLAY HARNESS







ITEM	PART NO.	DESCRIPTION
1	**101673**	SWITCH, FOOT
2	**101199**	HARNESS, UNIVERSAL POWER, VOYAGER MONITOR
3	**2332**	JD CONSTANT POWER HARNESS

SWITCH BOX







ITEM	PART NO.	DESCRIPTION
1	**103575**	SWITCH BOX, 4 SWITCH
2	**103741**	LABEL, CONTROL BOX, 4 SWITCH, ETS
3	**8494**	HARNESS, ELECTRICAL, 4-SWITCH BOX, TRACTOR SIDE
4	**103680**	HARNESS, ELECTRICAL, 4-SWITCH BOX, IMPLEMENT SIDE

RATE CONTROLLER HARNESSES



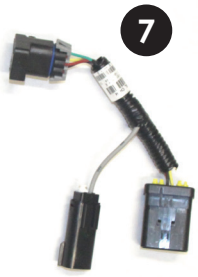






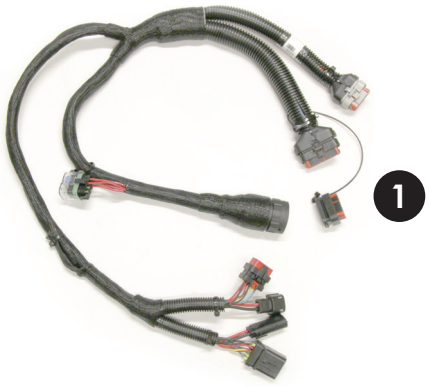




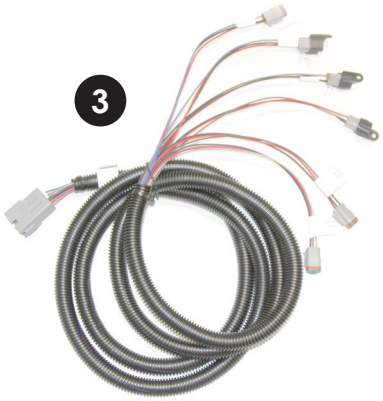


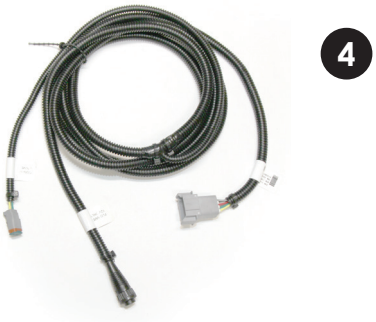
ITEM	PART NO.	DESCRIPTION
1	2333	HARNESS FRONT EXTENSION 10M
2	102495	CABLE, ECU 3 PRODUCT SOILWARRIOR
3	102394	CABLE, GRANULAR PRODUCT, DUAL CONTROL VALVE
4	102438	HARNESS, ELECTRICAL, DUAL FAN
5	102504	HARNESS, ELECTRICAL, AUX. FUNCTION BREAKOUT
6	102849	HARNESS, ELECTRICAL, IMPLEMENT SWITCH, HIGH CURRENT PROXIMITY SENSOR
7	100734	HARNESS, IMPLEMENT PIGTAIL TERMINATOR

GENERIC RATE CONTROLLER HARNESSES

















ITEM	PART NO.	DESCRIPTION
1	**101671**	CABLE, ECU HARNESS
2	**101679**	TRANSDUCER, PRESSURE, 0 TO 250 PSI, RAVEN
3	**102357**	CABLE SECT. CNTRL 6 SECT. 3 WIRE SECTION VALVE DEUTSCH
4	**102358**	CABLE PRDCT CNTRL LIQUID DT CNTRL VALVE CONXALL FLOW
5	**102359**	CABLE RATE CNTRL 2 PRODUCT 16 SECTION GENERIC 47 PIN
6	**102360**	CABLE RATE CNTRL EXP. 4 PRDCT 16 SECTION GENERIC
7	**104385**	HARNESS, ELEC., 12 PIN, 2 PRESSURE SENSORS, 2 SCALES
8	**105430**	CABLE, EXTENSION, SECTION CONTROL, 20 FT.



ITEM	PART NO.	DESCRIPTION
1	**102397**	ASSEMBLY, MONITOR, FLOW BLOCKAGE, WIRELESS
2	**102283**	SENSOR, FLOW BLOCKAGE, WIRELESS
3	**103567**	ASSEMBLY, VISUM REPEATER
4	**102284**	COUPLER, FLOW BLOCKAGE SENSOR, 1.750 I.D., WIRELESS
5	**102296**	COUPLER, FLOW BLOCKAGE SENSOR, 2.063 I.D., WIRELESS
6	**102347**	CLAMP, 5/16 WIDE 1 15/16-2 1/2 SS
7	**100818**	TUBE, RUN BLOCK INSERT











ITEM	PART NO.	DESCRIPTION
1	**105502**	HARNESS, ELEC., HIGH CURRENT POWER, DEUTSCH RECEPTACLE TO WEATHER PACK SHROUD
2	**105503**	ISOBUS SEEDER FE V24 ECU SET
3	**105505**	VISUM SENSOR, STRIP TILL, ISO
4	**102347**	CLAMP, 0.313 WIDE, 1.938 - 2.500 SS
5	**7057**	CLAMP, 2.00-3.00, SS

CYLINDER REPLACEMENT PARTS

PART NO.	DESCRIPTION	CLEVIS	PIN	SEAL KIT
7812	CYLINDER, HYD., 4.00 X 12.00, 1.75 DIA. ROD (22.25 RETRACT)	100653BK1	7558	9106
100431	CYLINDER, HYD., 4.00 X 14.00, 1.75 DIA. ROD (24.25 RETRACT)	100653BK1	7558	9106
101650	CYLINDER, HYD., 4.00 X 16.00, 1.75 DIA. ROD (26.25 RETRACT)	9919BK1	7849	9106
100659	CYLINDER, HYD., 5.00 X 14.00, 2.00 DIA. ROD (26.25 RETRACT)	4085BK1	7849	9061
7681	CYLINDER, HYD., 5.00 X 16.00, 2.00 DIA. ROD (28.25 RETRACT)	4085BK1	7849	9061
106583	CYLINDER, HYD., 5.00 X 16.00, 2.50 DIA. ROD (26.25 RETRACT)	106585BK1	7849	106584
102057	CYLINDER, HYD., 5.00 X 24.00, 2.00 DIA. ROD (36.25 RETRACT)	4085BK1	7849	9061
7740	CYLINDER, HYD., 5.00 X 30.00, 2.00 DIA. ROD (42.25 RETRACT)	4085BK1	7849	9061
9060	CYLINDER, HYD., 5.00 X 36.00, 2.00 DIA. ROD (48.25 RETRACT)	4085BK1	7849	9061
6948	CYLINDER, HYD., 5.00 X 36.00, 2.50 DIA. ROD (48.25 RETRACT)	4085BK1	7849	102195
104249	CYLINDER, HYD., LEFT, 5.00 X 18.00, 2.00 DIA. ROD (30.25 RETRACT)	4085BK1	7849	9061
104250	CYLINDER, HYD., RIGHT, 5.00 X 18.00, 2.00 DIA. ROD (30.25 RETRACT)	4085BK1	7849	9061

8030	PIN, COTTER, 3/16 X 2 1/2 (RAM PIN)
3621	BUSHING, 1.500 IN. OD X 1.270 IN. ID X 1.031 IN. LONG (USE WITH 1.25 IN. PIN)
3622	BUSHING, 1.500 IN. OD X 1.020 IN. ID X 1.031 IN. LONG (USE WITH 1.00 IN. PIN)

MISCELLANEOUS COMPONENTS

PART NO.	DESCRIPTION
9945	80W90 GEAR OIL 1 QT.
2907	AIR COMPRESSOR OIL, SYNTHETIC
7724	CARTRIDGE, TILT AND FOLD
101320	CEPLATTYN BL-16 LUBRICANT
8405	COIL, HYDRAULIC PROPORTIONAL VALVE
102268	FILTER ELEMENT, AIR COMPRESSOR
104437	HYDRAULIC FILTER ELEMENT
9028	LUBRICANT, O-RING
9943	PAINT, EQUIPMENT YELLOW
8471	PAINT, MEDIUM GRAY
105842	PAINT, BLACK
104166	TOOLBOX, PLASTIC, BLACK
104425	INDICATOR, POP-UP, HYD FILTER
8004	NOZZLE, 0 DEGREE, 0.250 IN. NPT, 10 TIP
8257	NOZZLE, 0 DEGREE, 0.250 IN. NPT, 15 TIP
7657	NOZZLE, 25 DEGREE, 0.250 IN. NPT, 15 TIP
7658	NOZZLE, 25 DEGREE, 0.250 IN. NPT, 20 TIP

SERVICE TOOL LIST

PART NO.	DESCRIPTION
2900	AIR CHISEL
7007	SPRING, RETAINING, FOR AIR CHISEL
7660	DRIVER, HUB SEAL, 1143 HUBS (SMALL TILLAGE HUB)
101179	DRIVER, BIT, UNIBODY
105717	DRIVER, HUB SEAL, LEAD, DEEP COG, AND GAUGE WHEEL HUBS
105843	PIN, QUICK RELEASE, 10MM X 25MM, SS, INSERT HUB LOCATING
AF000013-11	WRENCH, SPANNER, INSERT HUB W/ HANDLE
AF000013-13	WRENCH, SPANNER, INSERT HUB W/OUT HANDLE
AF000017-1	DRIVER, BEARING CUP
AF000018	DRIVER, BEARING SLEEVE
AF000025	PULLER, PIVOT (WING) PIN
ST000001	DRIVER, SEAL, METER BODY
ST000008	SERVICE TOOL, LM67010 RACE INSTALLER
ST000009	SERVICE TOOL, LM11910 RACE INSTALLER
ST000011	PULLER, METER BODY SHAFT

LABEL KITS

PART NO.	DESCRIPTION
103636GY1	WELD, SMV BRACKET, GRAY
9698	SIGN, SLOW MOVING VEHICLE, STEEL
103638GY1	PLATE, SIS BRACKET, GRAY
103646GY1	PLATE, DECAL MOUNTING MOUNT, GRAY
103771GY1	PLATE, SAFETY LIGHT, DECALS, GRAY
103768	DECAL, 20MPH, FH340902
103875	DECAL, 30 KPH, FH340903
100760	KIT, LABELS AND DECALS, DRY, 3100 SERIES
104080	KIT, LABELS AND DECALS, SAFETY, DRY, 4500 SERIES
104278	KIT, LABELS AND DECALS, SAFETY, D3, 4500 SERIES
104738	KIT, LABELS AND DECALS, SAFETY, D2, 5000 SERIES
104739	KIT, LABELS AND DECALS, SAFETY, D3, 5000 SERIES
104736	KIT, LABELS AND DECALS, SAFETY, LIQUID, 4500 SERIES

PNEUMATIC COMPONENTS

PART NO.	DESCRIPTION
8473	TUBING, PNEUMATIC, 0.250 IN. DIAMETER, WHITE
8472	TUBING, PNEUMATIC, 0.250 IN. DIAMETER, BLACK
6905	TUBING, PNEUMATIC, 0.250 IN. DIAMETER, BLUE
103749	TUBING, PNEUMATIC, 0.250 IN. DIAMETER, GREEN
103388	TUBING, PNEUMATIC, 0.250 IN. DIAMETER, YELLOW
7653	TUBING, PNEUMATIC, 0.500 IN. DIAMETER, WHITE
8474	TUBING, PNEUMATIC, 0.500 IN. DIAMETER, BLACK
6906	TUBING, PNEUMATIC, 0.500 IN. DIAMETER, BLUE
103748	TUBING, PNEUMATIC, 0.500 IN. DIAMETER, GREEN
103389	TUBING, PNEUMATIC, 0.500 IN. DIAMETER, YELLOW
7486	FITTING, AIR, ELBOW, 0.125 NPT X 0.250 TUBE
7319	FITTING, AIR, UNION, 0.250 TUBE X 0.250 TUBE
8623	FITTING, AIR, UNION TEE, 0.250 TUBE
7484	FITTING, AIR, UNION, 0.500 TUBE X 0.500 TUBE
8492	FITTING, AIR, TEE, 0.500 TUBE
102418	FITTING, AIR, TEE, 0.500 X 0.500 X 0.250 TUBE
8764	FITTING, AIR, ELBOW, 0.375 NPT X 0.500 TUBE
8491	FITTING, AIR, BRANCH TEE, 0.500 TUBE X 0.375 NPT
103710	PLUG, PNEUMATIC TUBE, 0.250 IN.
100604	PLUG, PNEUMATIC TUBE, 0.500 IN.
8654	GAUGE, 200 PSI, 0.250 IN. NPT
7324	FITTING, AIR, STRAIGHT, 0.250 NPT X 0.250 TUBE
7980	GAUGE, 4.00 INCH, LIQUID FILLED

NOTES


soil
WARRIOR



soil WARRIOR

ETS ENVIRONMENTAL TILLAGE SYSTEMS

85 Prairie Ave SW, Faribault, MN 55021 / 507.332.2231
parts@soilwarrior.com / service@soilwarrior.com / soilwarrior.com

101115 ETS27-A