



KELLEY

21-SERIES

DOUBLE FOLD FIELD CULTIVATOR

MEMBER



FEMA

FARM EQUIPMENT
MANUFACTURERS
ASSOCIATION
www.FarmEquip.org

PARTS BOOK

PART NO. 21-PB-03
PRINTING DATE MAY 2018

WARRANTY POLICY

KELLEY MANUFACTURING COMPANY (KMC) warrants that all goods sold to the original purchaser of any KMC product shall be free of any defects in material and workmanship if used under normal operating conditions. The warranty period begins on the date of purchase by the retail customer and ends twelve (12) months thereafter. KMC's sole responsibility is to repair and/or replace the defective part or parts at no cost to purchaser. This remedy is the **SOLE AND EXCLUSIVE REMEDY** of purchaser.

The purchaser must fill out and return the warranty registration form found in the front of the operator's manual. Failure to return the warranty registration form within 30 days shall result in the goods being sold "AS IS", and all warranties shall be excluded.

This warranty shall not apply to those items that are by nature worn in normal service, including but not limited to belts, springs, teeth, chains, etc. Items such as tires, tubes, and gearboxes and all other items warranted by the original manufacturer are warranted only to the extent of their individual manufacturer warranty, and KMC is not warranting any of said items. All warranty claims must be made through a KMC licensed dealer, and a warranty form request must be submitted to KMC within 30 days of failure or the warranty provision shall be unenforceable against KMC.

No agent or person has authority to change or add to this warranty as written.

THE ABOVE IS THE ONLY WARRANTY MADE BY KMC AND IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. KMC MAKES NO WARRANTY OF MERCHANTABILITY AS TO ANY GOODS MANUFACTURED BY KMC AND FURTHER, KMC DOES NOT WARRANT ANY SUCH GOODS AS SUITABLE FOR ANY PARTICULAR PURPOSE TO THE RETAIL CUSTOMER. THE SUITABILITY OF GOODS FOR ANY PURPOSE PARTICULAR TO THE CUSTOMER IS FOR THE CUSTOMER, IN HIS SOLE JUDGEMENT, TO DETERMINE. KMC FURTHER MAKES NO WARRANTIES WITH RESPECT TO ITS MANUFACTURED GOODS THAT WOULD NORMALLY BE DISCLOSED BY AN EXAMINATION. THIS IS THE FULL AND FINAL EXPRESSION OF ALL WARRANTY LIABILITY OF KMC. NO OTHER WARRANTY, EITHER EXPRESSED OR IMPLIED, SHALL BE ENFORCEABLE AGAINST KMC.

Kelley Manufacturing Co.

80 Vernon Drive / Zip 31794

P.O. Drawer 1467 / Zip 31793

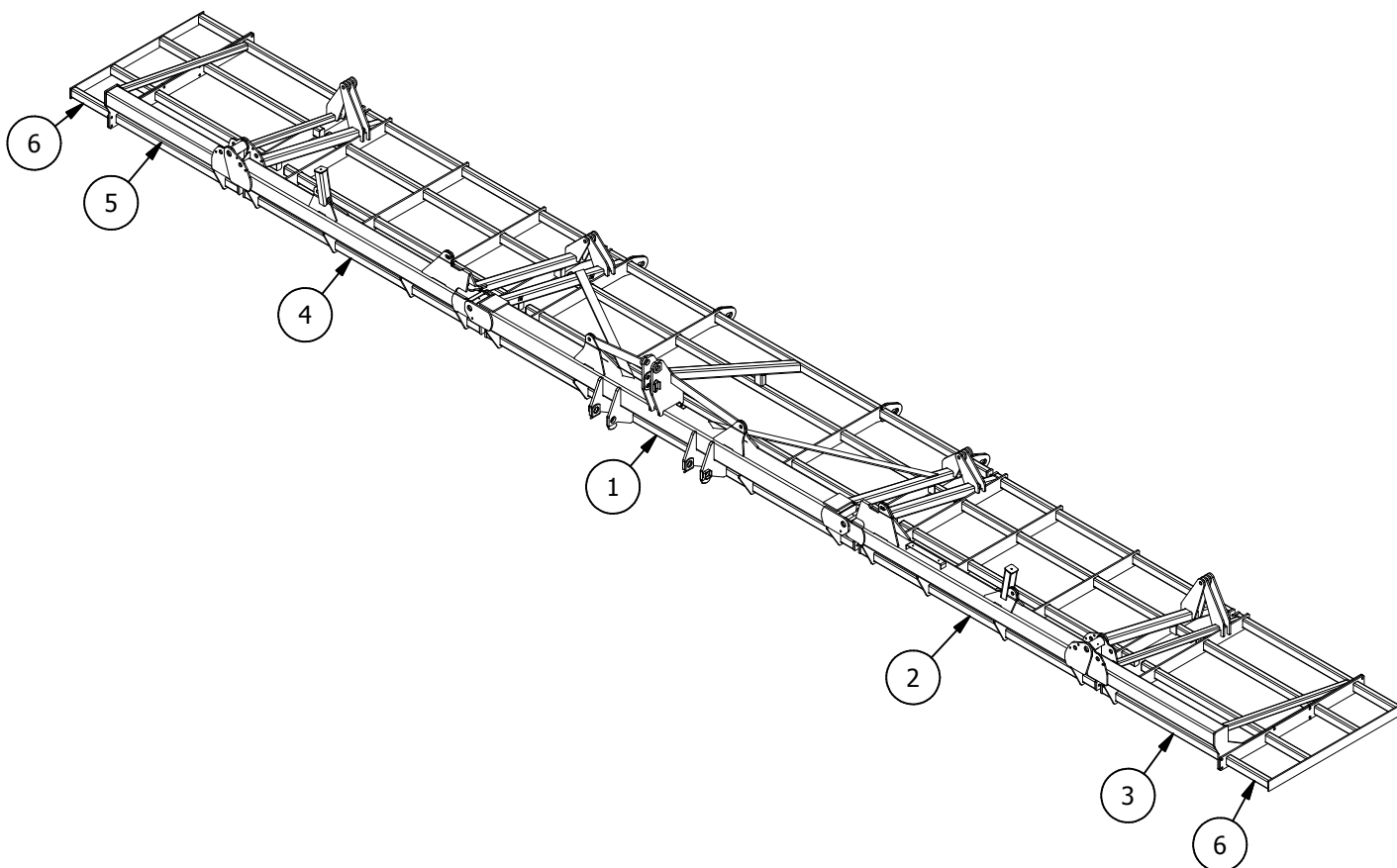
Tifton GA

2100 SERIES DOUBLE FOLD FIELD CULTIVATORS

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MAIN FRAME



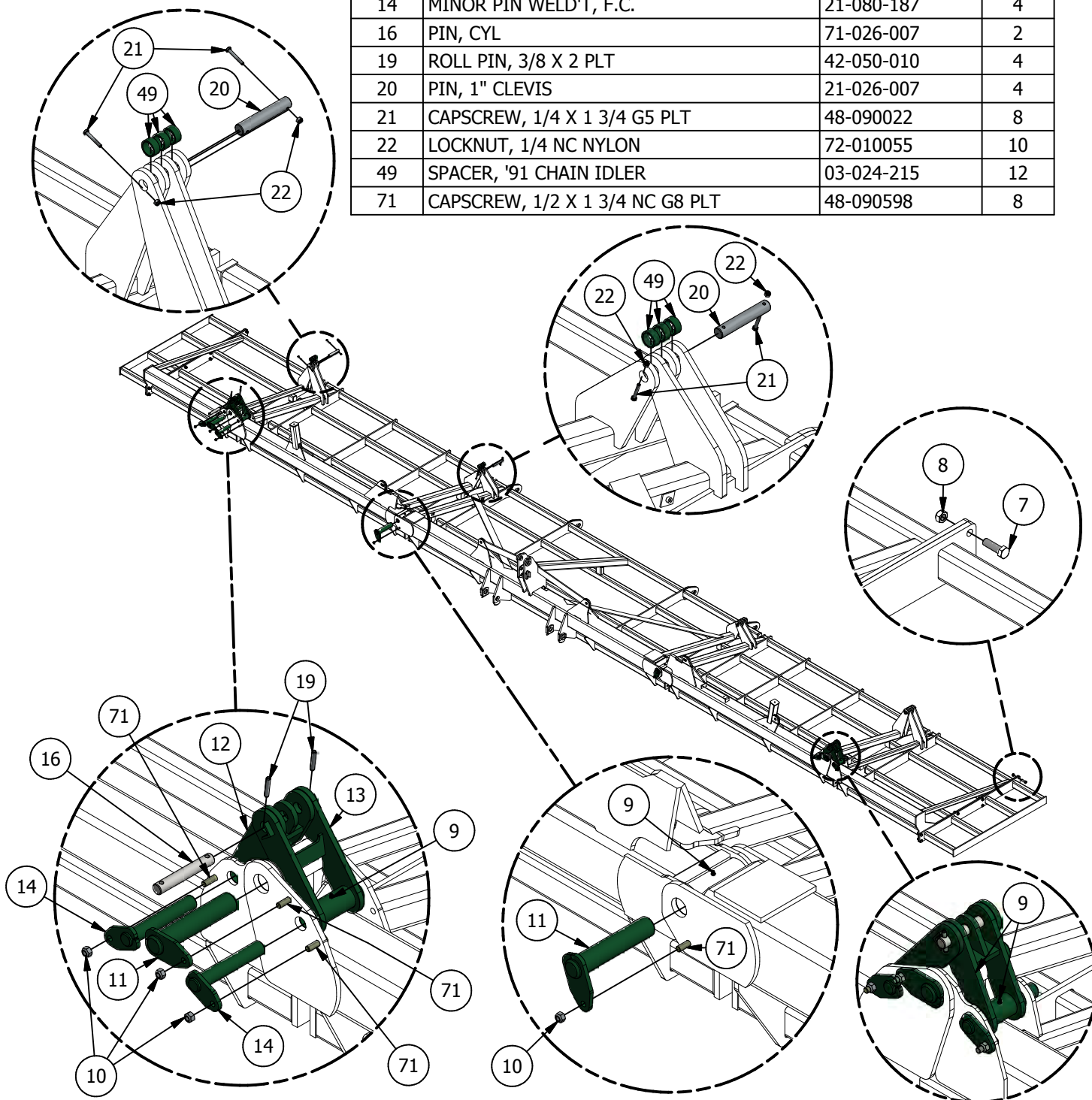
Parts List

ITEM	DESCRIPTION	PART NUMBER	QTY
1	CENTER SECTION, F.C.	21-080-164	1
2	MID WING WELD'T, LEFT, F.C.	21-080-166	1
3	TIP WING WELD'T, LEFT	21-080-169	1
4	MID WING WELD'T, RIGHT, F.C.	21-080-168	1
5	TIP WING WELD'T, RIGHT	21-080-170	1
6	WING TIP EXTENSION, F.C.	21-080-171	2

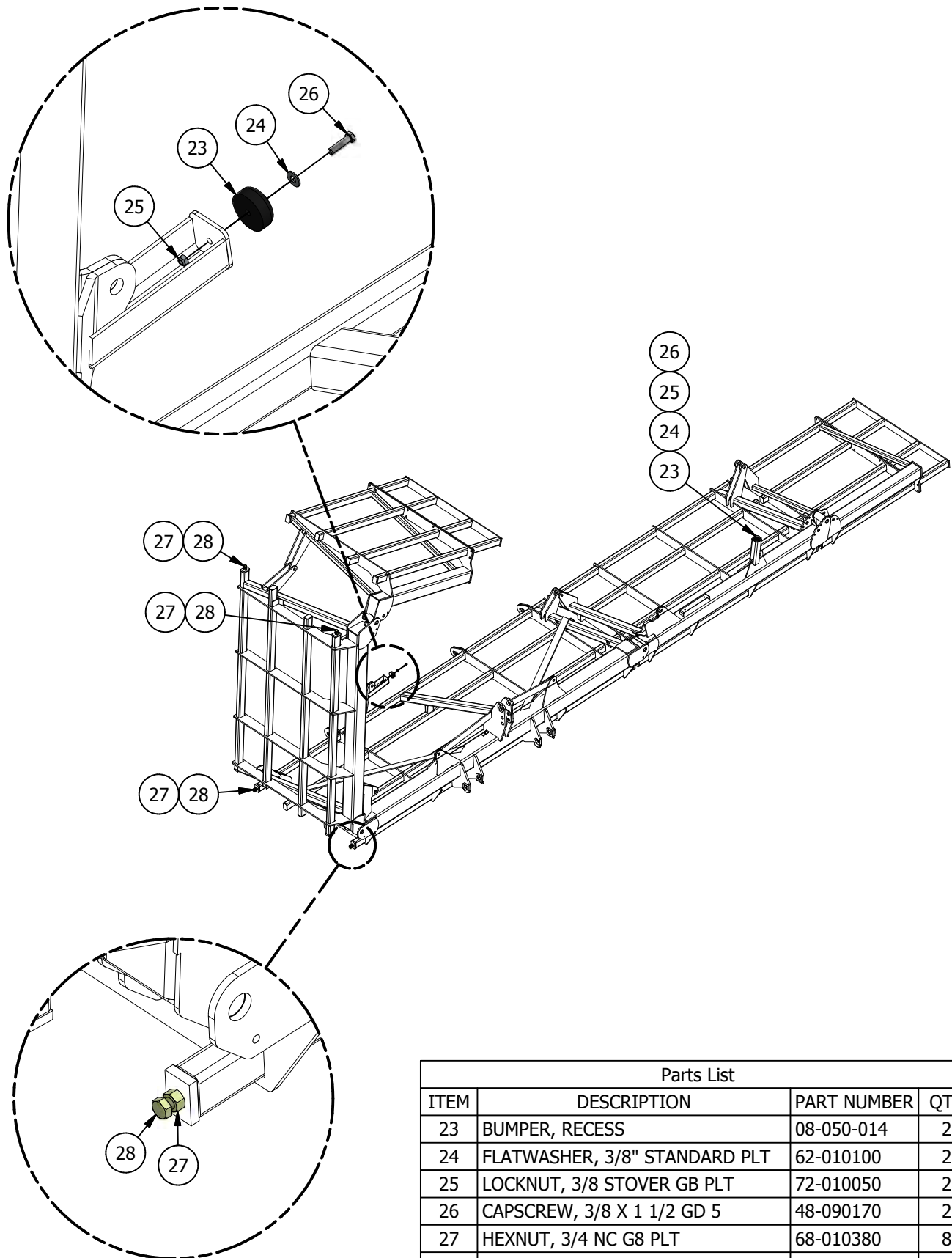
ONLY NEEDED ON 39' & 41' MODELS

MAIN FRAME JOINTS/HINGES/PINS

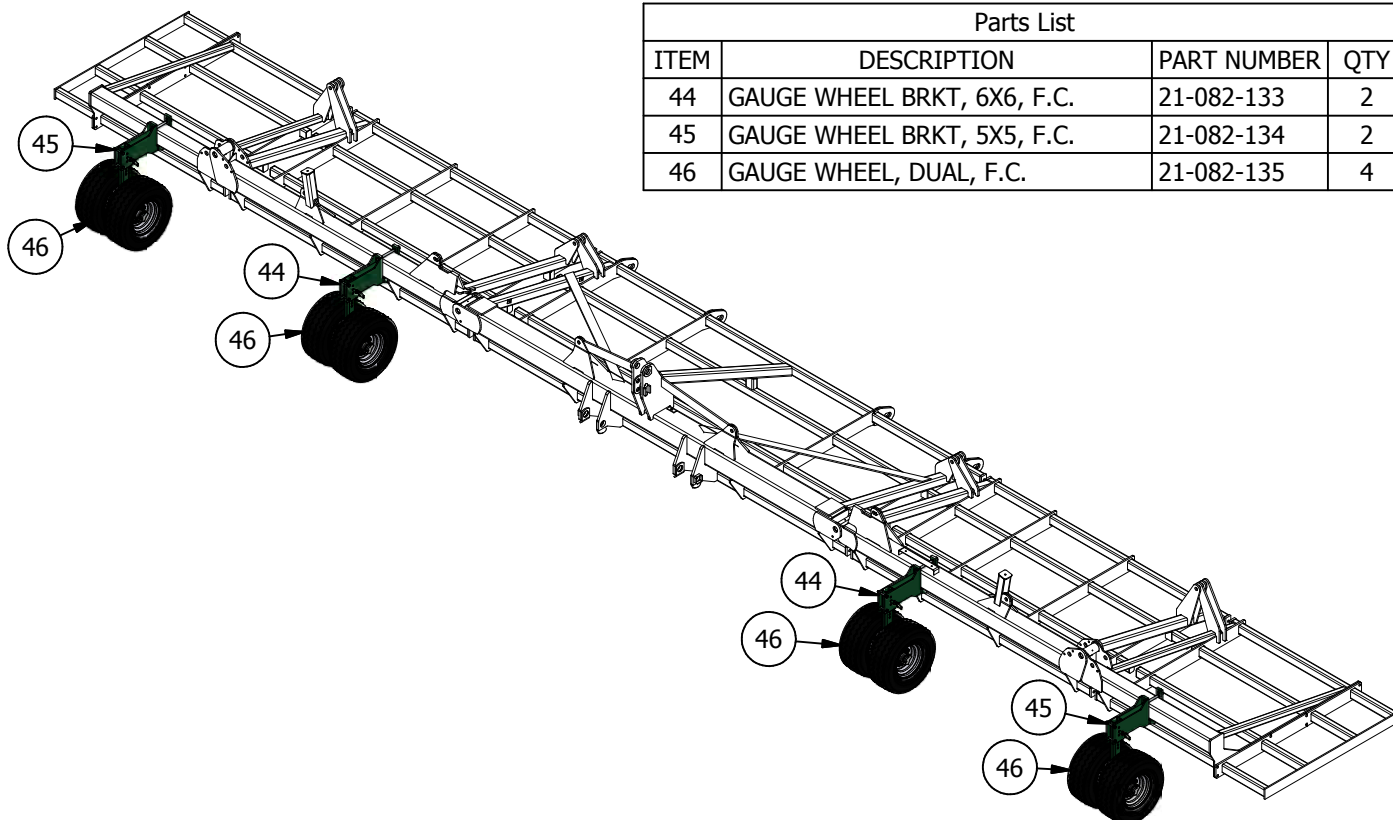
Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
7	CAPSCREW, 5/8 X 2 NC G5 PLT	48-090950	16
8	LOCKNUT, 5/8 NC STOVER GD C PLT	72-020050	16
9	FITTING, 1/4-28 STRT. GREASE	02-050-005	8
10	LOCKNUT, 1/2 NC STOVER GD B PLT	72-010100	8
11	MAIN PIN WELD'T, F.C.	21-080-186	4
12	SHORT LINK WELD'T, F.C.	21-080-185	2
13	LONG LINK WELD'T, F.C.	21-080-184	2
14	MINOR PIN WELD'T, F.C.	21-080-187	4
16	PIN, CYL	71-026-007	2
19	ROLL PIN, 3/8 X 2 PLT	42-050-010	4
20	PIN, 1" CLEVIS	21-026-007	4
21	CAPSCREW, 1/4 X 1 3/4 G5 PLT	48-090022	8
22	LOCKNUT, 1/4 NC NYLON	72-010055	10
49	SPACER, '91 CHAIN IDLER	03-024-215	12
71	CAPSCREW, 1/2 X 1 3/4 NC G8 PLT	48-090598	8



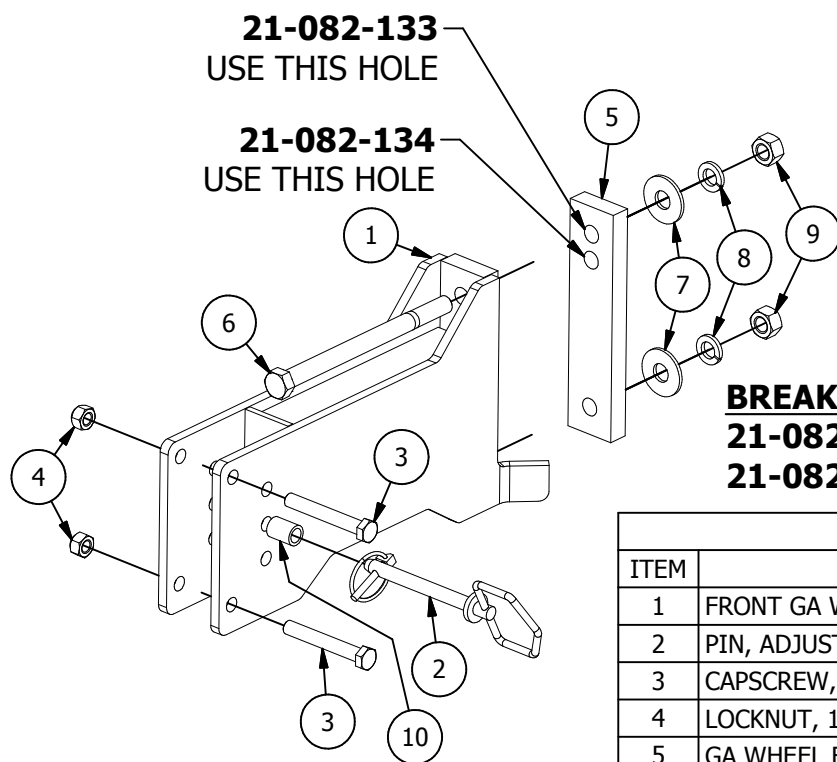
WING STOPS/BUMPERS



GAUGE WHEELS



Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
44	GAUGE WHEEL BRKT, 6X6, F.C.	21-082-133	2
45	GAUGE WHEEL BRKT, 5X5, F.C.	21-082-134	2
46	GAUGE WHEEL, DUAL, F.C.	21-082-135	4



BREAKDOWN OF:

21-082-133 GAUGE WHEEL BRKT, 6X6, F.C.

21-082-134 GAUGE WHEEL BRKT, 5X5, F.C.

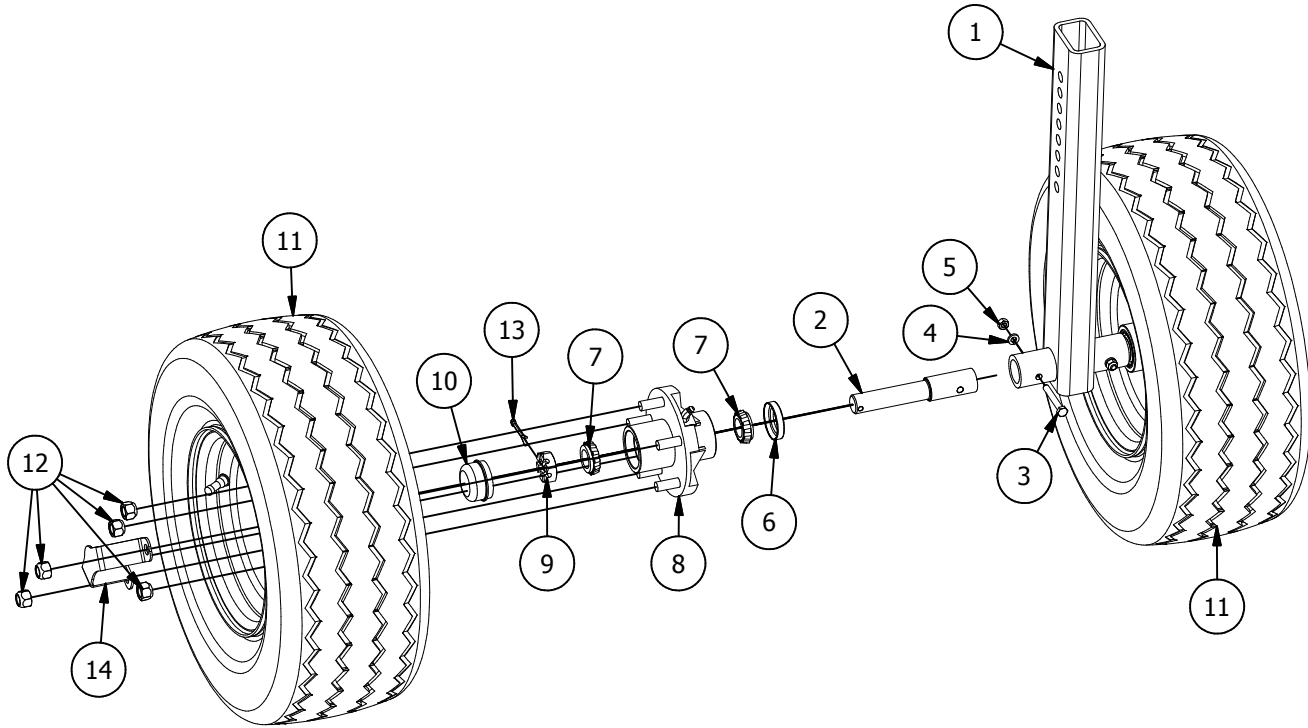
Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	FRONT GA WHEEL BRKT, F.C.	21-080-172	1
2	PIN, ADJUSTMENT LOCK	23-050-003	1
3	CAPSCREW, 1/2 X 3 1/2 NC G5 PLT	48-090750	2
4	LOCKNUT, 1/2 NC STOVER GD B PLT	72-010100	2
5	GA WHEEL FRONT PLATE, F.C.	21-023-262	1
6	CAPSCREW, 5/8 X 8 1/2 NC G5 PLT	48-091243	2
7	FLATWASHER, 5/8 STD PLT	62-010250	2
8	LOCKWASHER, 5/8 PLT	66-010300	2
9	HEXNUT, 5/8 PLT	68-010300	2
10	SPACER, TILLAGE RIM	67-024-102	1

GAUGE WHEELS (CONTINUED)

BREAKDOWN OF:

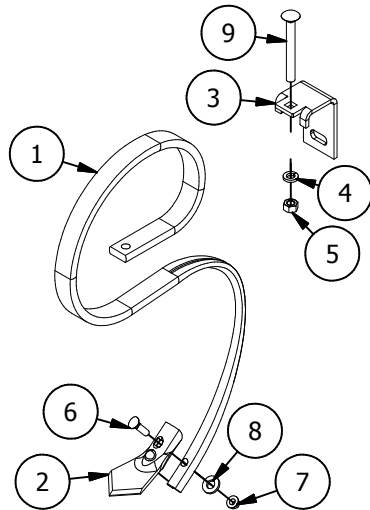
21-082-135

GAUGE WHEEL, DUAL, F.C.



Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	GA WHEEL STEM, F.C.	21-080-173	1
2	6 3/4" SPINDLE W/ HOLE	21-058-006	2
3	CAPSCREW, 5/16 X 2 1/4 NC G5 PLT	48-090040	2
4	LOCKWASHER, 5/16 PLT	66-010100	2
5	HEXNUT, 5/16 PLT	68-010100	2
6	SEAL	02-056-007	2
7	CONE, BEARING	02-051-015	4
8	HUB, ASSY W/CUPS	02-058-017	2
9	SLOTTED NUT, 1"-14 THIN PLN	68-030101	2
10	DUST CAP	16-058-002	2
11	WHEEL ASSY, 8 X 10 HEAVY TUBELESS	03-058-011	2
12	NUT, WHEEL	02-058-036	10
13	COTTER PIN, 3/16 X 1-1/2	76-010100	2
14	BRACKET, HUBCAP	03-027-689	2

S-TINE BUNDLES

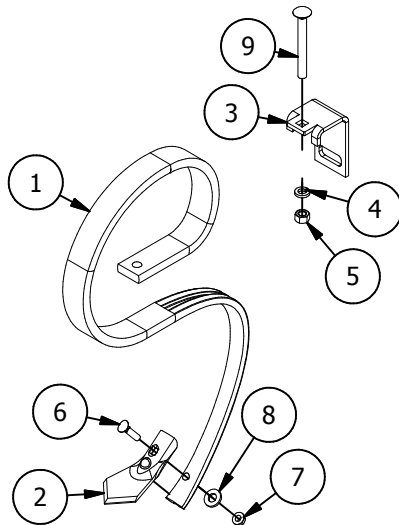


BREAKDOWN OF:

21-082-146

S-TINE, STD W/ 2-3/4" SWEEP 2X3

Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	S-TINE, 1/2 x 1-1/4 HIGH CLEARANCE	04-050-117	1
2	POINT, 2-3/4	04-057-045	1
3	CLAMP, 2X3 1-1/4 S-TINE	21-023-268	1
4	LOCKWASHER, 1/2" REGULAR PLT	66-010250	1
5	HEXNUT, 1/2 PLT	68-010250	1
6	3/8 x 1-1/2 ELIP HD PLW BLT GD 8 PLAIN	14-050-030	1
7	3/8" WHIZ NUT	78-020300	1
8	FLATWASHER, 1/2" HARDENED	17-050-003	1
9	CARRIAGE SCREW, 1/2 X 4 1/2 G5 PLT	52-050325	1

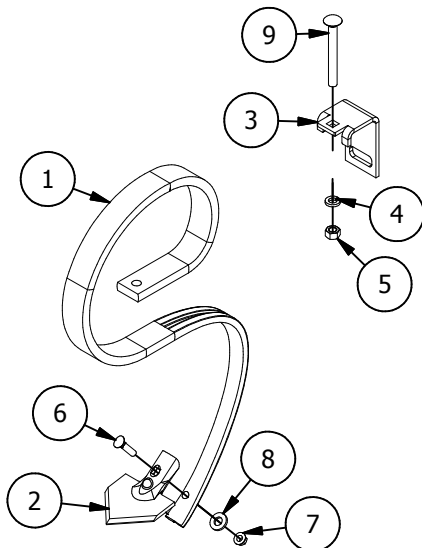


BREAKDOWN OF:

21-082-141

S-TINE, HD W/ 2-3/4" SWEEP 2X3

Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	S-TINE, 9/16 X 1 3/4 HIGH CLEARANCE	04-050-137	1
2	POINT, 2-3/4	04-057-045	1
3	CLAMP, 2X3 1-3/4 HC S-TINE	21-023-267	1
4	LOCKWASHER, 1/2" REGULAR PLT	66-010250	1
5	HEXNUT, 1/2 PLT	68-010250	1
6	3/8 x 1 3/4 ELIP HD PLW BLT GD 8	60-010130	1
7	3/8" WHIZ NUT	78-020300	1
8	FLATWASHER, 1/2" HARDENED	17-050-003	1
9	CARRIAGE SCREW, 1/2 X 4 1/2 G5 PLT	52-050325	1



BREAKDOWN OF:

21-082-142

S-TINE, HD W/ 4" SWEEP 2X3

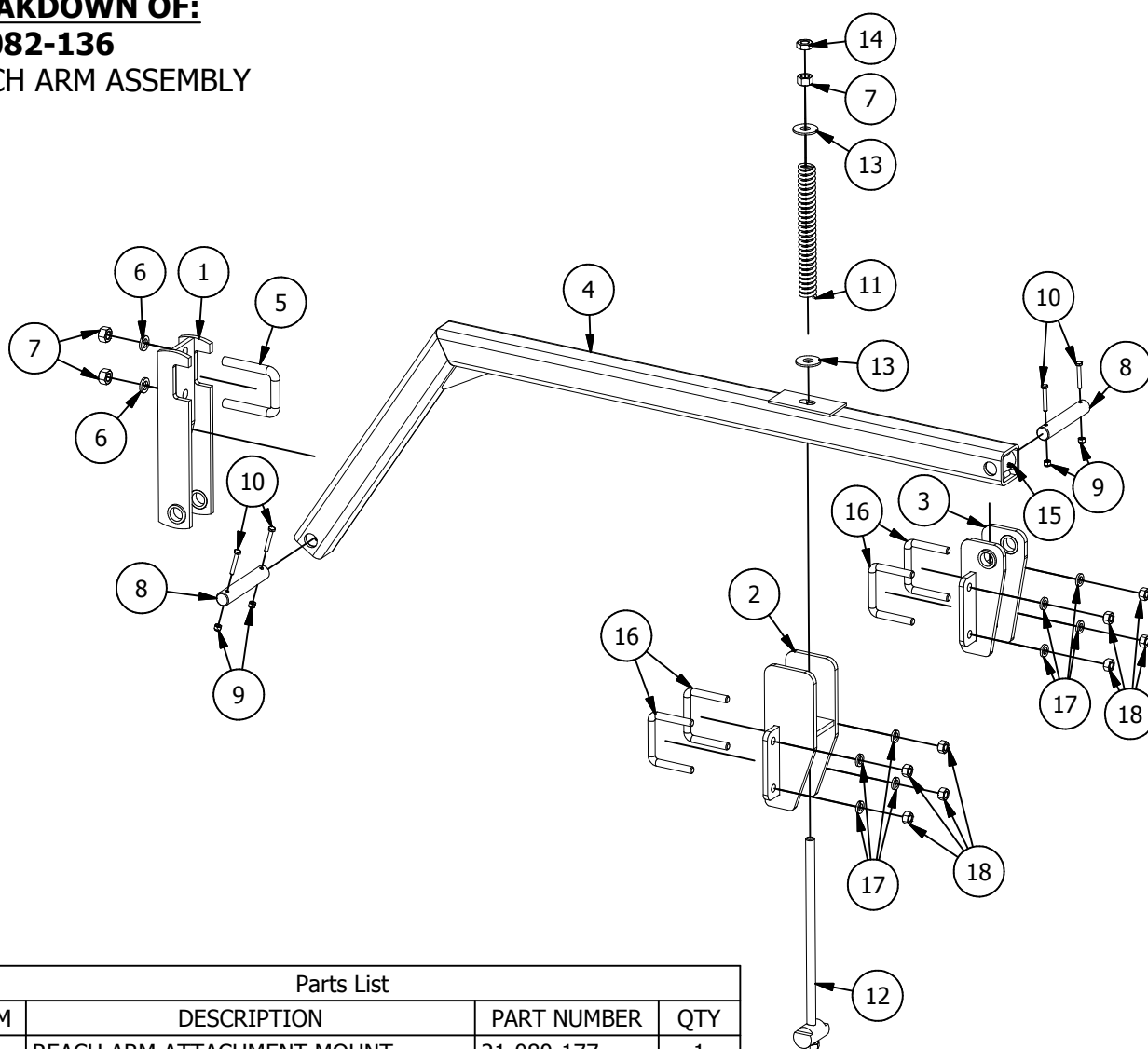
Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	S-TINE, 9/16 X 1 3/4 HIGH CLEARANCE	04-050-137	1
2	SWEEP, 4" S-TINE	04-057-046	1
3	CLAMP, 2X3 1-3/4 HC S-TINE	21-023-267	1
4	LOCKWASHER, 1/2" REGULAR PLT	66-010250	1
5	HEXNUT, 1/2 PLT	68-010250	1
6	3/8 x 1 3/4 ELIP HD PLW BLT GD 8	60-010130	1
7	3/8" WHIZ NUT	78-020300	1
8	FLATWASHER, 1/2" HARDENED	17-050-003	1
9	CARRIAGE SCREW, 1/2 X 4 1/2 G5 PLT	52-050325	1

REACH ARMS

BREAKDOWN OF:

21-082-136

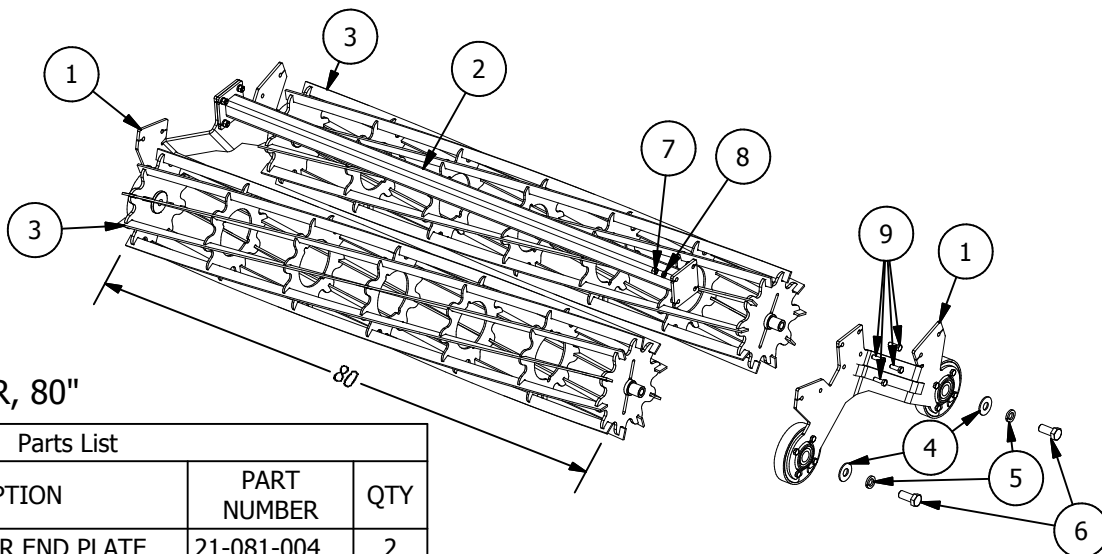
REACH ARM ASSEMBLY



Parts List

ITEM	DESCRIPTION	PART NUMBER	QTY
1	REACH ARM ATTACHMENT MOUNT	21-080-177	1
2	REACH MOUNT, REAR, F.C.	21-080-175	1
3	REACH MOUNT, FRONT, F.C.	21-080-174	1
4	REACH ARM WELDMENT	21-080-176	1
5	U-BOLT, 5/8 X 3 3/16 X 3 13/16 G5 PLT	16-050-001	1
6	LOCKWASHER, 5/8 PLT	66-010300	2
7	HEXNUT, 5/8 PLT	68-010300	3
8	PIN, 1" CLEVIS	21-026-007	2
9	LOCKNUT, 1/4 NC NYLON	72-010055	4
10	CAPSCREW, 1/4 X 1 3/4 G5 PLT	48-090022	4
11	SPRING, DOOR PRESSURE	02-050-021	1
12	REACH ARM TENSION ROD	21-081-005	1
13	FLATWASHER, 5/8 STD PLT	62-010250	2
14	JAMNUT, 5/8 NC PLT	70-010140	1
15	FITTING, 1/4-28 STRT. GREASE	02-050-005	2
16	U-BOLT, 1/2 3-1/16 X 3-9/16 PLT	21-050-002	4
17	LOCKWASHER, 1/2" REGULAR PLT	66-010250	8
18	HEXNUT, 1/2 PLT	68-010250	8

REAR ATTACHMENTS

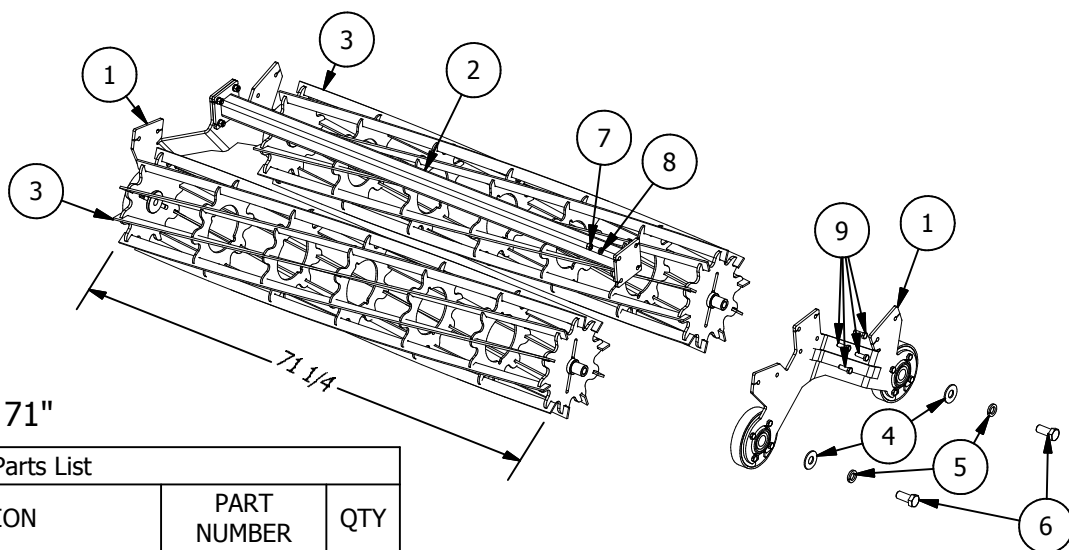


BREAKDOWN OF:

21-082-147

TANDEM CRUMBLER, 80"

Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	TANDEM CRUMBLER END PLATE	21-081-004	2
2	CRUMBLER CROSS BAR, 80", F.C.	21-080-179	1
3	WELDMENT, 80" BASKET 10 BAR	65-080-043	2
4	FLATWASHER, 1" STD PLT	62-010370	4
5	LOCKWASHER, 1" PLT	66-010450	4
6	CAPSCREW, 1 X 2 1/4 NC G5 PLT	48-100470	4
7	HEXNUT, 1/2 PLT	68-010250	8
8	LOCKWASHER, 1/2" REGULAR PLT	66-010250	8
9	CAPSCREW, 1/2 X 1 1/2 NC G5 PLT	48-090595	8



BREAKDOWN OF:

21-082-145

TANDEM CRUMBLER, 71"

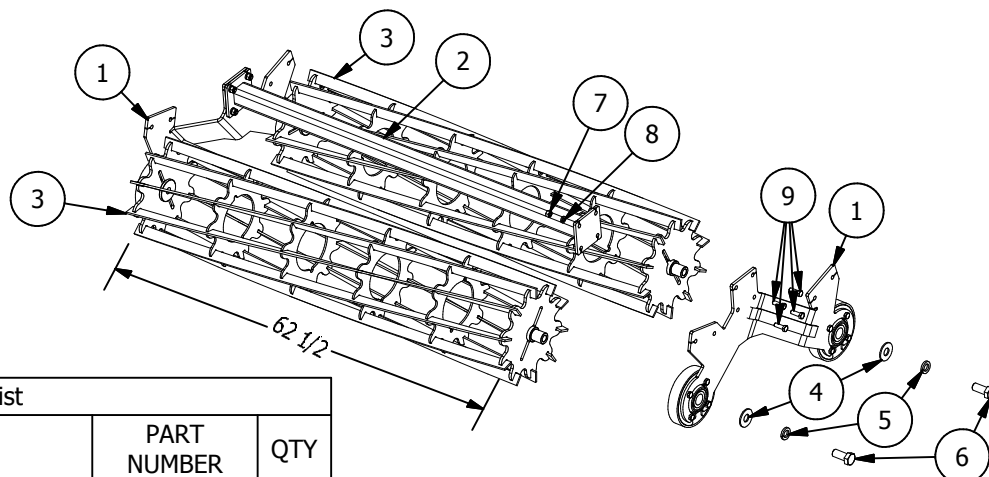
Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	TANDEM CRUMBLER END PLATE	21-081-004	2
2	CRUMBLER CROSS BAR, 71", F.C.	21-080-183	1
3	WELDMENT, 71" BASKET 10 BAR	65-080-098	2
4	FLATWASHER, 1" STD PLT	62-010370	4
5	LOCKWASHER, 1" PLT	66-010450	4
6	CAPSCREW, 1 X 2 1/4 NC G5 PLT	48-100470	4
7	HEXNUT, 1/2 PLT	68-010250	8
8	LOCKWASHER, 1/2" REGULAR PLT	66-010250	8
9	CAPSCREW, 1/2 X 1 1/2 NC G5 PLT	48-090595	8

REAR ATTACHMENTS (CONTINUED)

BREAKDOWN OF:

21-082-144

TANDEM CRUMBLER, 62"



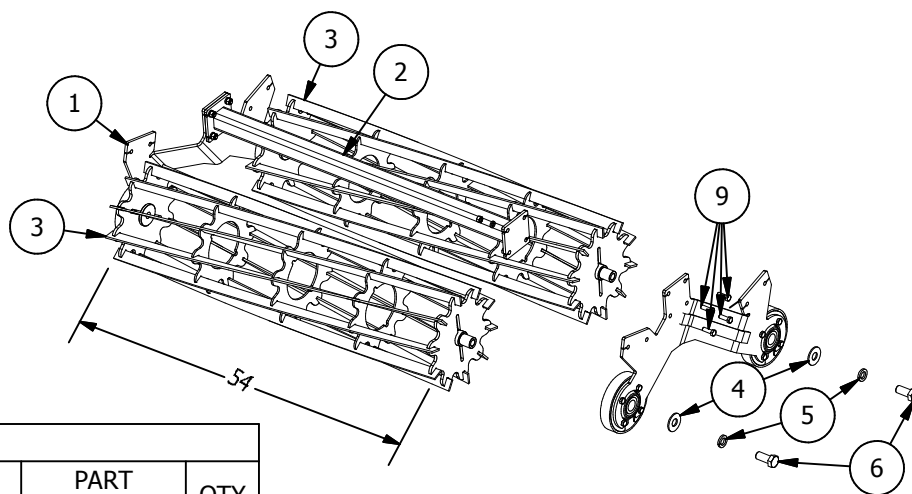
Parts List

ITEM	DESCRIPTION	PART NUMBER	QTY
1	TANDEM CRUMBLER END PLATE	21-081-004	2
2	CRUMBLER CROSS BAR, 62", F.C.	21-080-182	1
3	WELDMENT, 62" BASKET 10 BAR	65-080-099	2
4	FLATWASHER, 1" STD PLT	62-010370	4
5	LOCKWASHER, 1" PLT	66-010450	4
6	CAPSCREW, 1 X 2 1/4 NC G5 PLT	48-100470	4
7	HEXNUT, 1/2 PLT	68-010250	8
8	LOCKWASHER, 1/2" REGULAR PLT	66-010250	8
9	CAPSCREW, 1/2 X 1 1/2 NC G5 PLT	48-090595	8

BREAKDOWN OF:

21-082-143

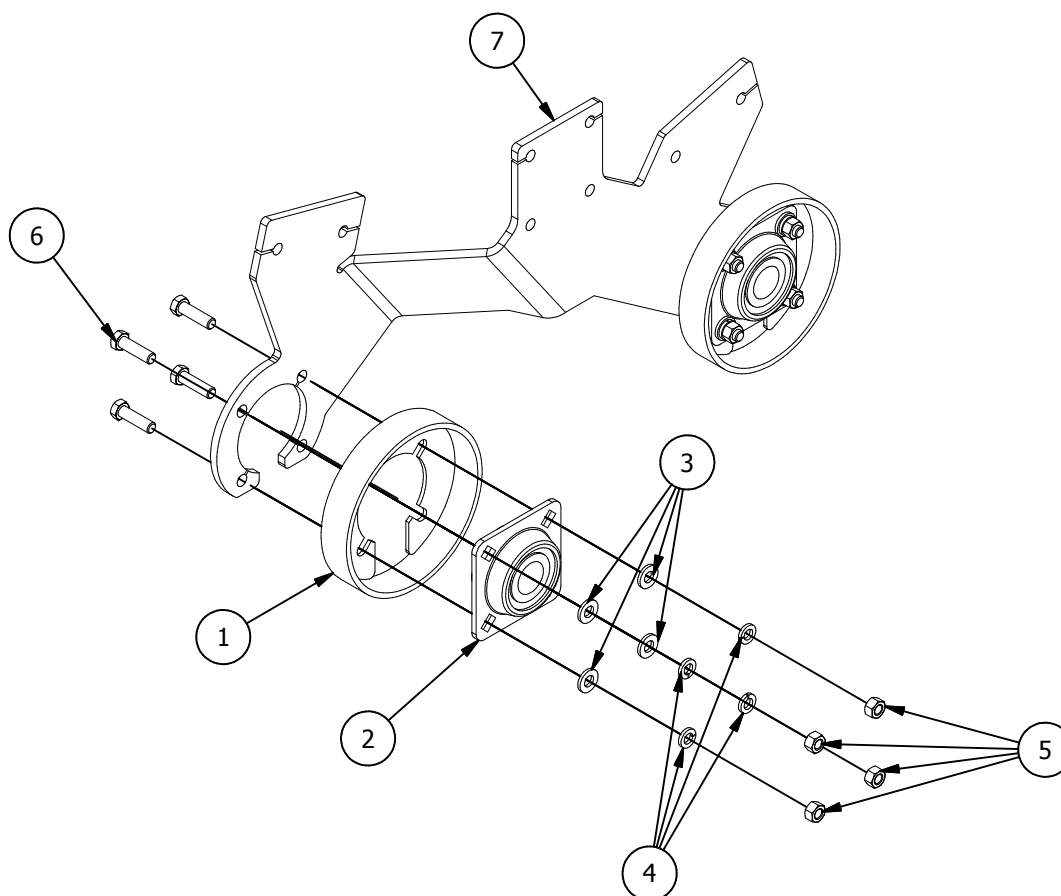
TANDEM CRUMBLER, 54"



Parts List

ITEM	DESCRIPTION	PART NUMBER	QTY
1	TANDEM CRUMBLER END PLATE	21-081-004	2
2	CRUMBLER CROSS BAR, 54", F.C.	21-080-181	1
3	WELDMENT, 54" BASKET 10 BAR	65-080-058	2
4	FLATWASHER, 1" STD PLT	62-010370	4
5	LOCKWASHER, 1" PLT	66-010450	4
6	CAPSCREW, 1 X 2 1/4 NC G5 PLT	48-100470	4
7	HEXNUT, 1/2 PLT	68-010250	8
8	LOCKWASHER, 1/2" REGULAR PLT	66-010250	8
9	CAPSCREW, 1/2 X 1 1/2 NC G5 PLT	48-090595	8

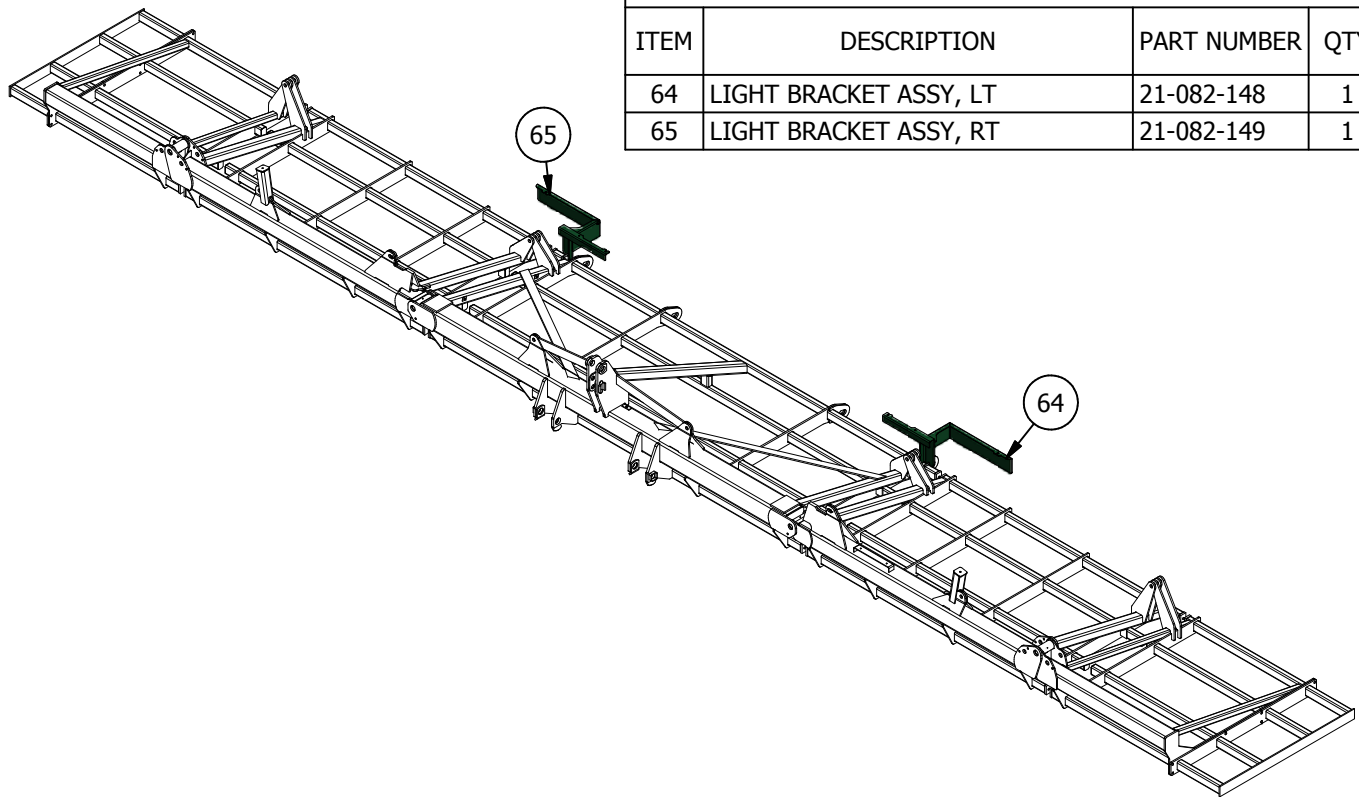
REAR ATTACHMENTS (CONTINUED)



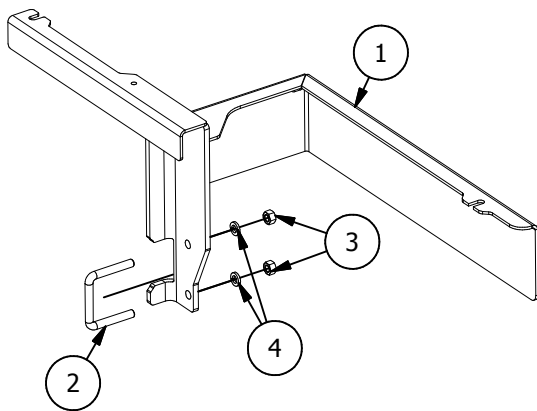
BREAKDOWN OF:
21-081-004
TANDEM CRUMBLER END PLATE

Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	WELDMENT, BEARING SHIELD	65-080-045	2
2	BEARING, 1 1/2" FLANGED	65-051-002	2
3	FLATWASHER, 1/2" HARDENED	17-050-003	8
4	LOCKWASHER, 1/2" REGULAR PLT	66-010250	8
5	HEXNUT, 1/2 PLT	68-010250	8
6	CAPSCREW, 1/2 X 1 3/4 NC G5 PLT	48-090596	8
7	TANDEM CRUMBLER SIDEPLATE	21-080-180	1

LIGHT BRACKETS

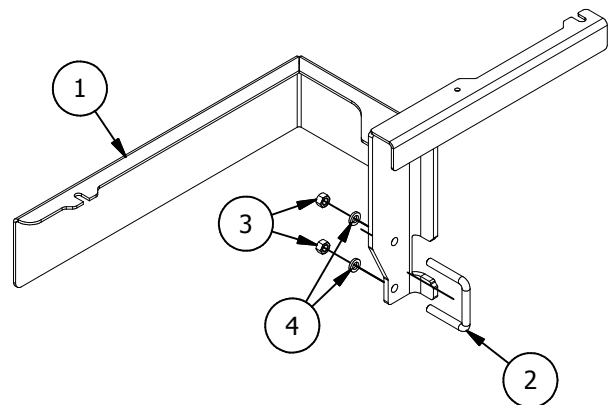


Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
64	LIGHT BRACKET ASSY, LT	21-082-148	1
65	LIGHT BRACKET ASSY, RT	21-082-149	1



BREAKDOWN OF:
21-082-148
 LIGHT BRACKET ASSY, LT

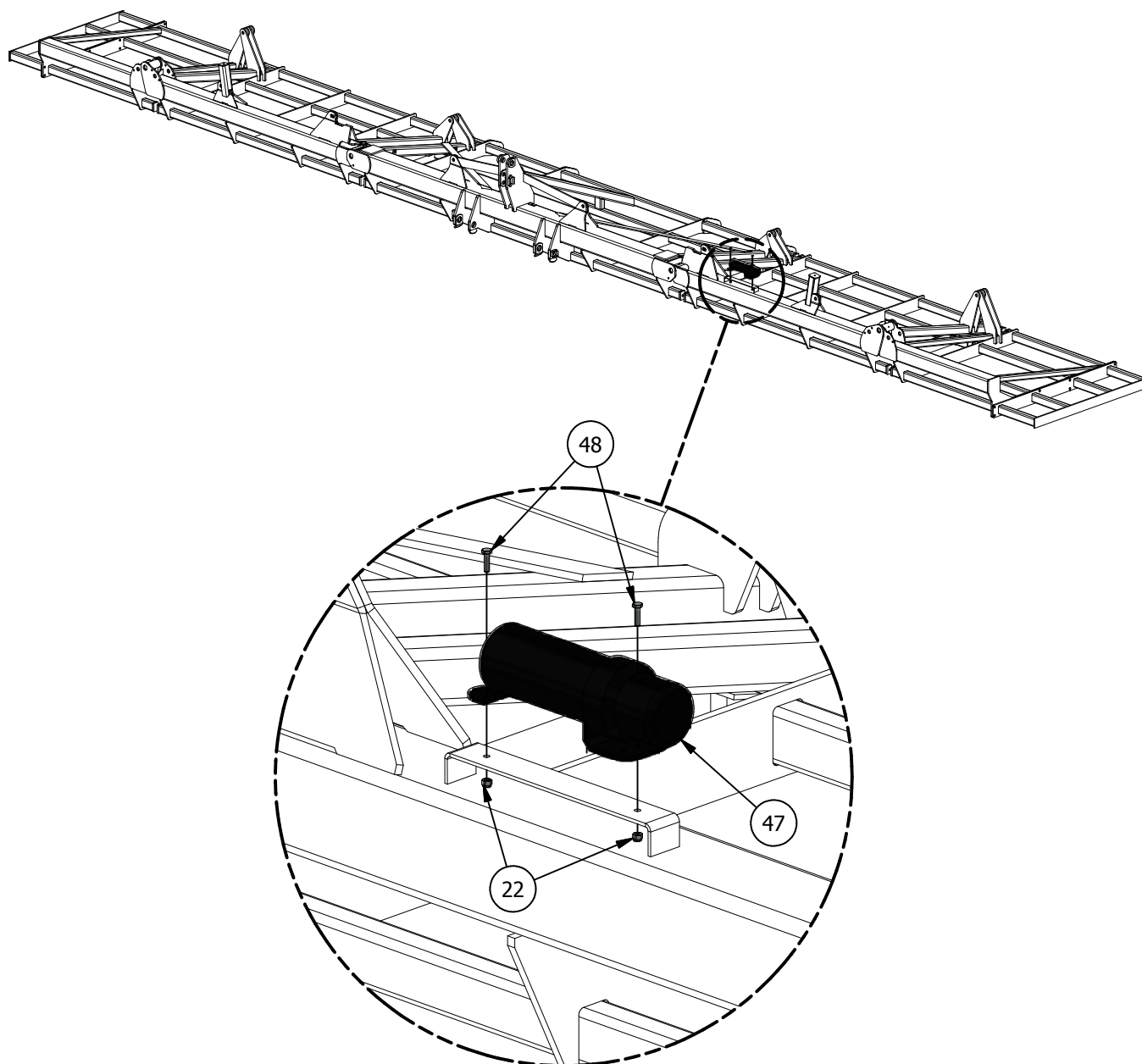
Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	LIGHT BRK'T WELD'T, LT	21-080-188	1
2	U-BOLT, 1/2 3-1/16 X 3-9/16 PLT	21-050-002	1
3	HEXNUT, 1/2 PLT	68-010250	2
4	LOCKWASHER, 1/2" REGULAR PLT	66-010250	2



BREAKDOWN OF:
21-082-149
 LIGHT BRACKET ASSY, RT

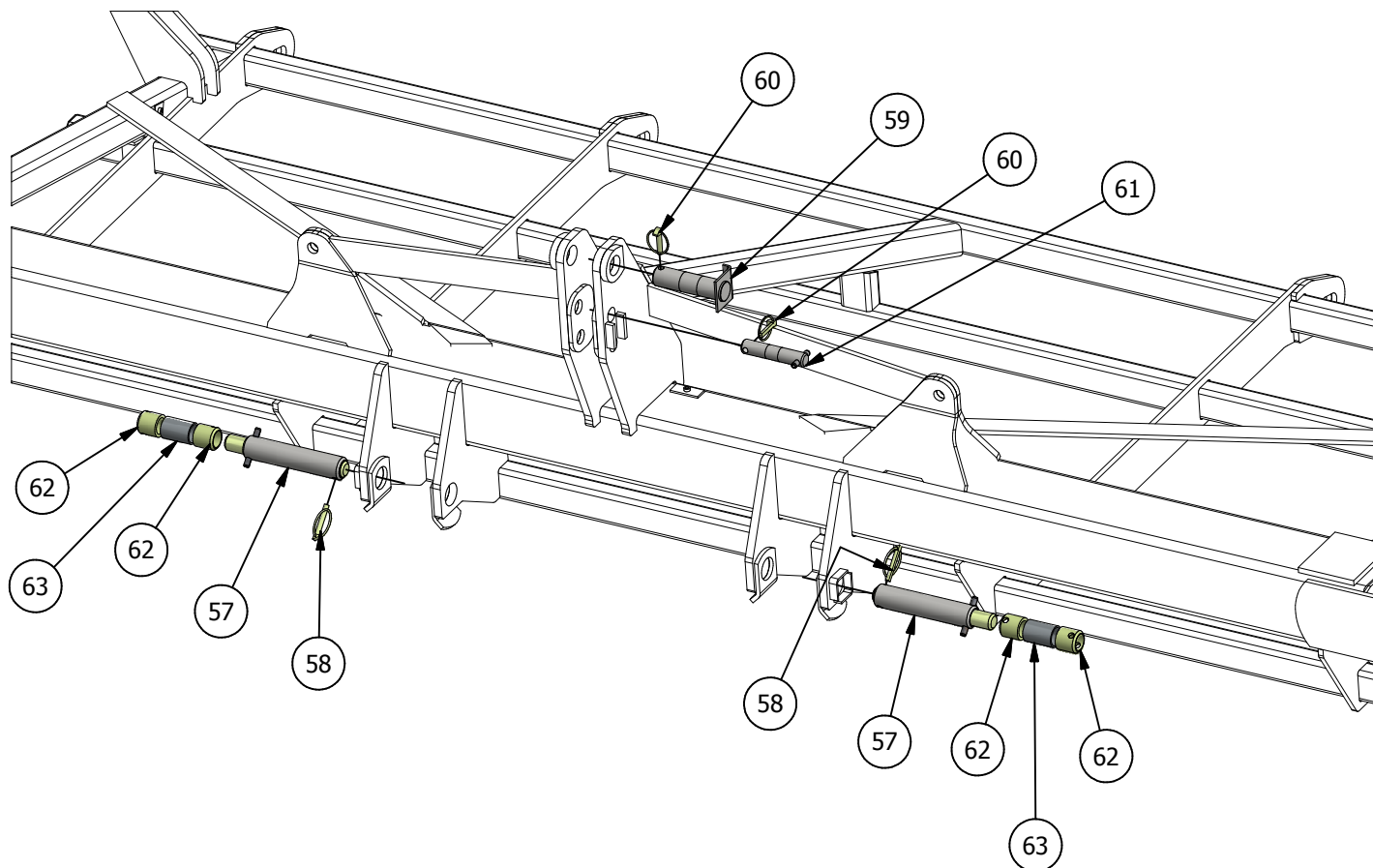
Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	LIGHT BRK'T WELD'T, RT	21-080-189	1
2	U-BOLT, 1/2 3-1/16 X 3-9/16 PLT	21-050-002	1
3	HEXNUT, 1/2 PLT	68-010250	2
4	LOCKWASHER, 1/2" REGULAR PLT	66-010250	2

MANUAL CANNISTER



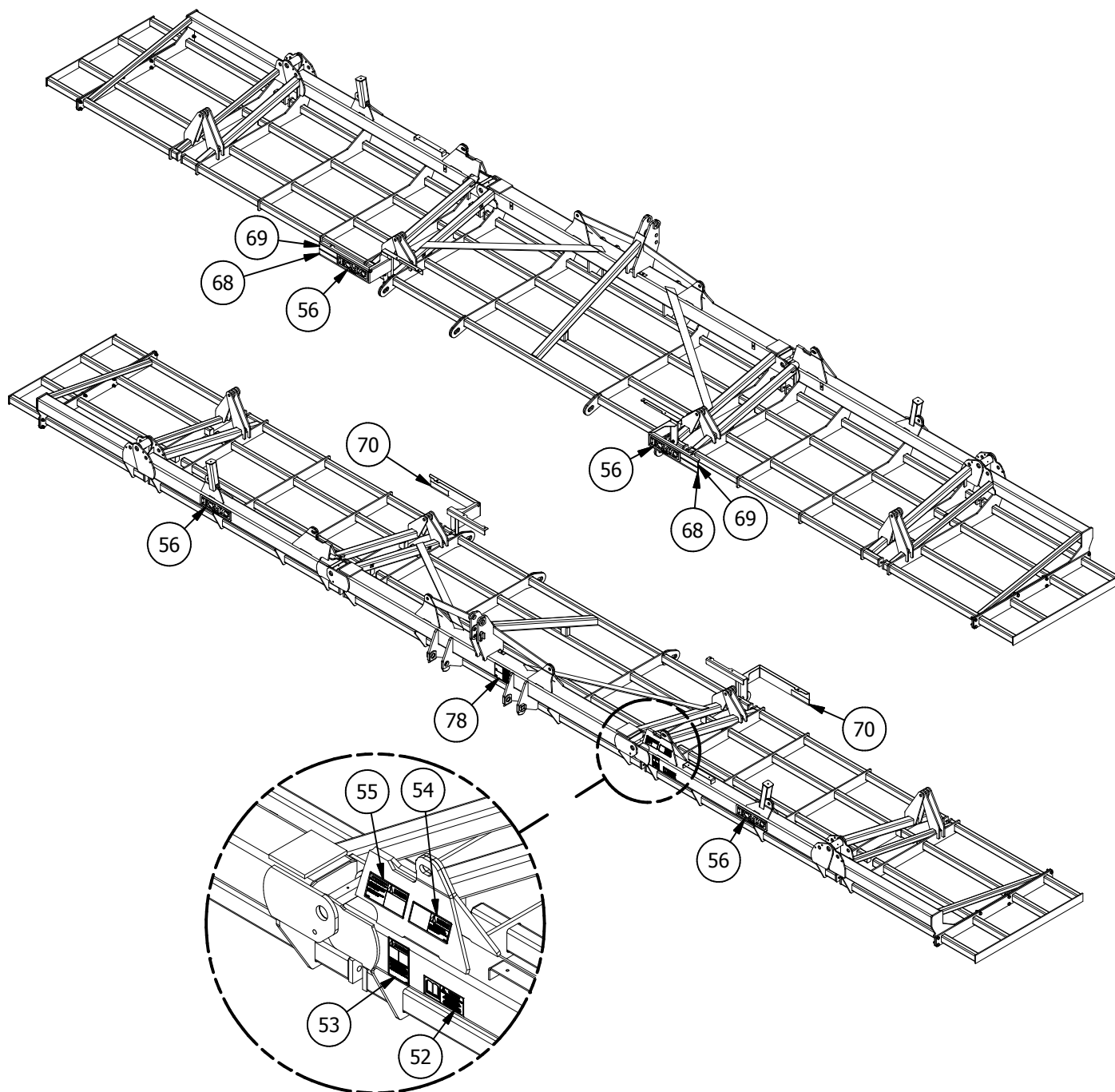
Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
22	LOCKNUT, 1/4 NC NYLON	72-010055	2
47	CANISTER, MANUAL	49-050-012	1
48	CAPSCREW, 1/4 X 1 NC G5 PLT	48-090015	2

HITCH PINS



Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
57	PIN ASSY, CAT IV HITCH	67-081-001	2
58	KLIK PIN, 7/16 X 2-3/4	16-050-094	2
59	PIN, CAT IV MAST	67-080-028	1
60	KLIK PIN, 7/16 X 2	03-050-094	2
61	PIN, MAST	06-081-018	1
62	BUSHING, CAT III LOWER HITCH	16-024-259	4
63	SPACER, CAT III	05-024-010	2

DECALS



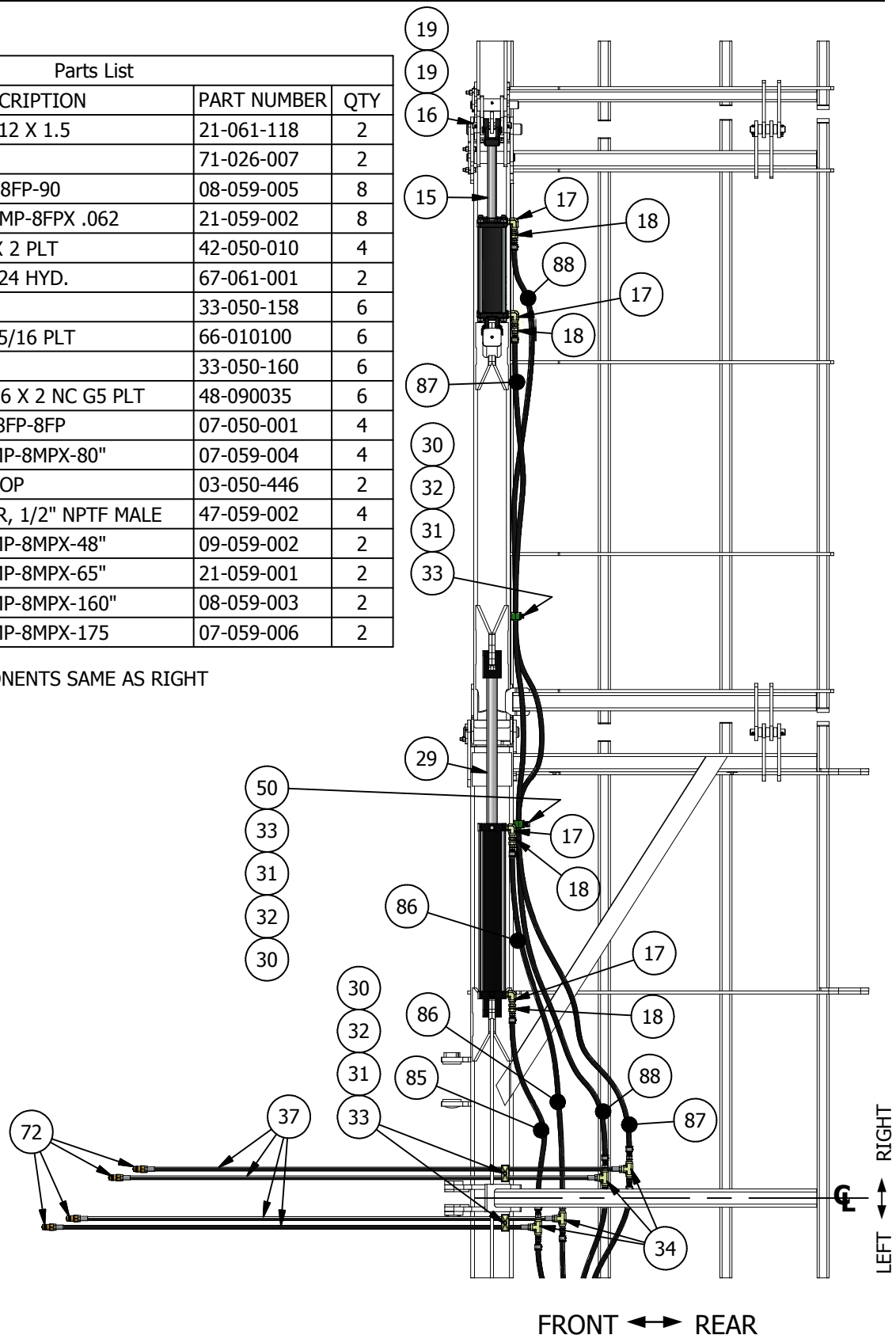
Parts List

ITEM	DESCRIPTION	PART NUMBER	QTY
52	DECAL, READ INSTRUCT WARNING	61-050-052	1
53	DECAL, HIGH PRESSURE	65-050-017	1
54	DECAL, CRUSHING HAZARD	65-050-019	1
55	DECAL, ELECTROCUTION HAZARD	65-050-020	1
56	DECAL, KMC	49-050-003	4
68	STRIP, RED REFLECTOR	33-050-266	2
69	STRIP, ORANGE FLUORESCENT	33-050-267	2
70	STRIP, YELLOW REFLECTOR	33-050-265	2
78	DECAL, CAT III/IV QUICK HITCH	67-050-029	1

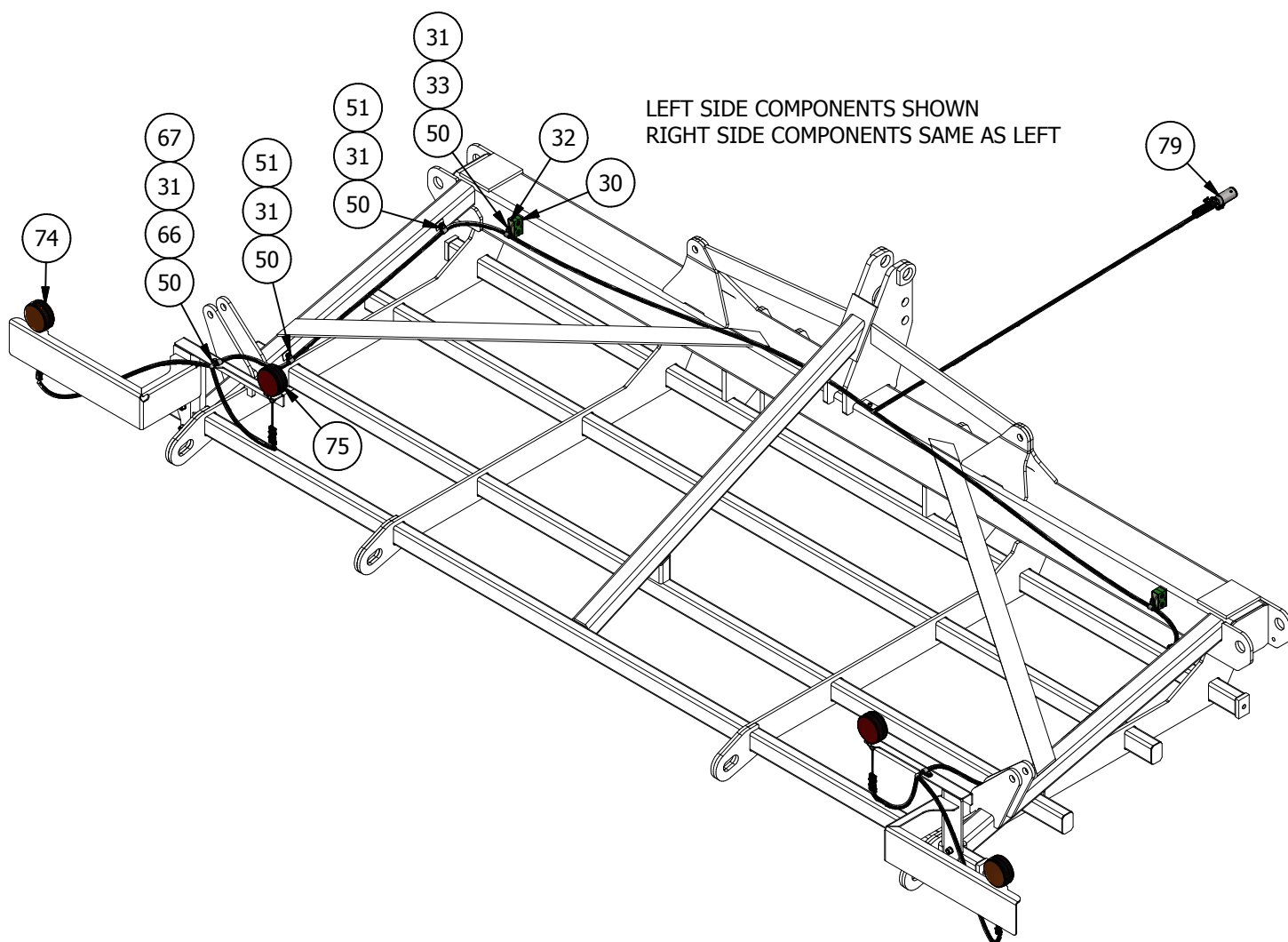
HYDRAULICS

Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
15	CYLINDER, 4 X 12 X 1.5	21-061-118	2
16	PIN, CYL	71-026-007	2
17	ADAPTER, 8MB-8FP-90	08-059-005	8
18	RESTRICTOR, 8MP-8FPX .062	21-059-002	8
19	ROLL PIN, 3/8 X 2 PLT	42-050-010	4
29	CYLINDER, 4 X 24 HYD.	67-061-001	2
30	CLAMP, HOSE	33-050-158	6
31	LOCKWASHER, 5/16 PLT	66-010100	6
32	COVER PLATE	33-050-160	6
33	CAPSCREW, 5/16 X 2 NC G5 PLT	48-090035	6
34	ADAPTER, 8FP-8FP-8FP	07-050-001	4
37	HOSE, 6M3K-8MP-8MPX-80"	07-059-004	4
50	CLAMP, 1/2" LOOP	03-050-446	2
72	QUICK COUPLER, 1/2" NPTF MALE	47-059-002	4
85	HOSE, 6M3K-8MP-8MPX-48"	09-059-002	2
86	HOSE, 6M3K-8MP-8MPX-65"	21-059-001	2
87	HOSE, 6M3K-8MP-8MPX-160"	08-059-003	2
88	HOSE, 6M3K-8MP-8MPX-175"	07-059-006	2

LEFT SIDE COMPONENTS SAME AS RIGHT



ELECTRICAL



Parts List			
ITEM	DESCRIPTION	PART NUMBER	QTY
30	CLAMP, HOSE	33-050-158	2
31	LOCKWASHER, 5/16 PLT	66-010100	8
32	COVER PLATE	33-050-160	2
33	CAPSCREW, 5/16 X 2 NC G5 PLT	48-090035	2
50	CLAMP, 1/2" LOOP	03-050-446	8
51	CAPSCREW, 5/16X1/2 NC HX HD GD 5 PLT	48-090034	4
64	LIGHT BRACKET ASSY, LT	21-082-148	1
65	LIGHT BRACKET ASSY, RT	21-082-149	1
66	CAPSCREW, 5/16 X 1 NC G5 PLT	48-090036	2
67	HEXNUT, 5/16 PLT	68-010100	2
74	AMBER/AMBER LIGHT ASSY	61-062-004	2
75	RED TAIL LIGHT ASSY	61-062-001	2
84	WIRING HARNESS, FOLDING FC	21-062-001	1

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The following is a list of serial numbers issued to our machines at the beginning of each year. To determine when a unit was made, find the range within which the particular serial number falls. It would have been produced between January 1 to December 31 of that year.

YEAR

2016
2017
2018

SERIAL NUMBERS

89097-89924
89925-91270
91271-



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