Models
ADI-830, ADI-836
& ADI-840
8-ROW DIGGER / INVERTER

3rd Edition CAT438

Beginning S/N: 480000

Owner's Name _____

Dealer's Name _____

Serial Number _____ **Model No.** _____

Date Purchased _____

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CAT438
3rd Edition
August 1, 2010

ADI-830, ADI-836 & ADI-840
8-ROW PULL TYPE DIGGER/INVERTER

(Beginning Serial #480000)

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NOTES

The Terms "Left" and "Right" used in the description of parts are determined by facing the direction of travel of the machine.
"A/R" found in the "No. Req'd" column denotes "As Required".
"OPT" found in the "No. Req'd" column denotes "Optional".

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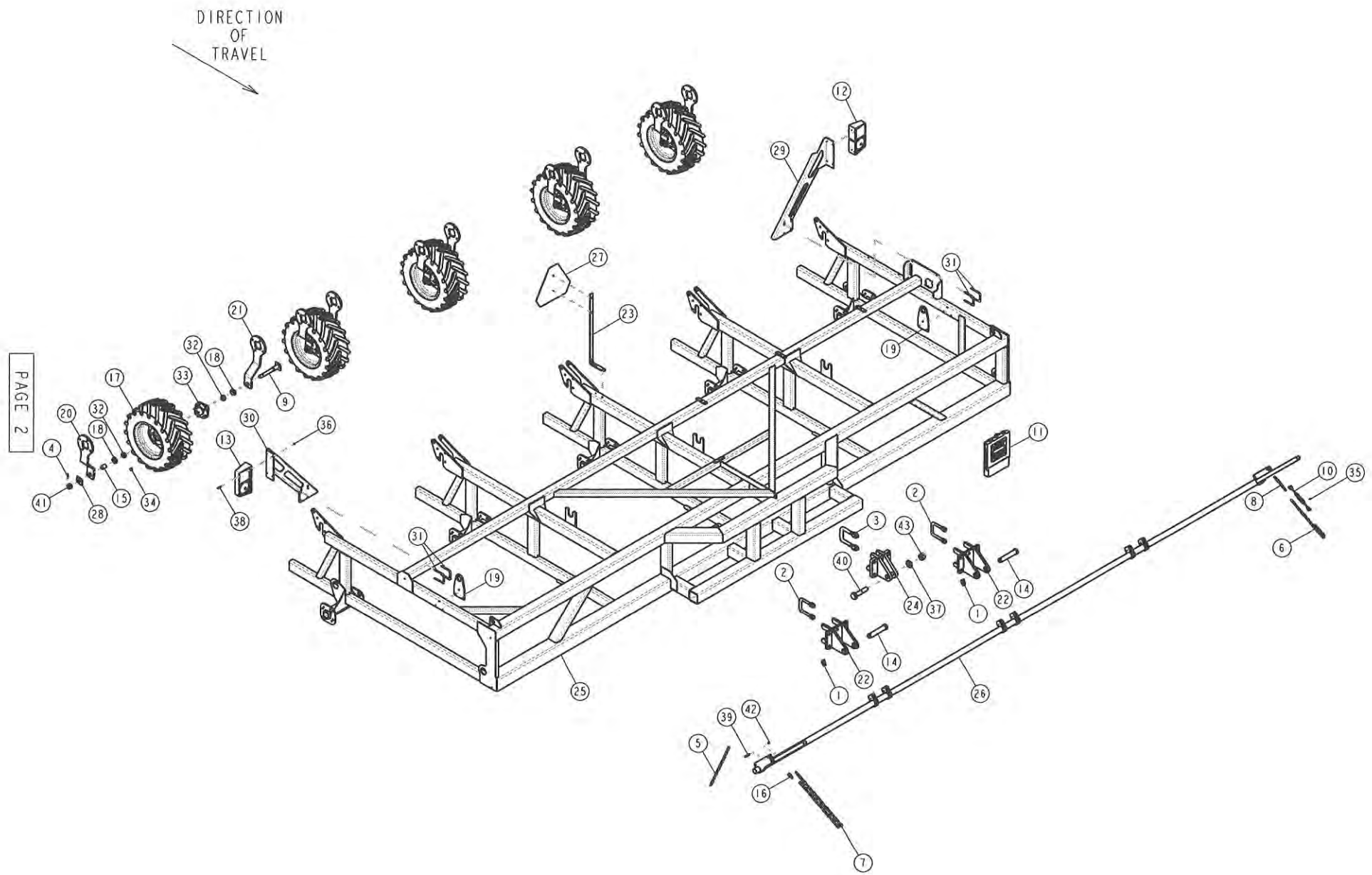
(229) 439-2217 / Fax (229) 439-9343

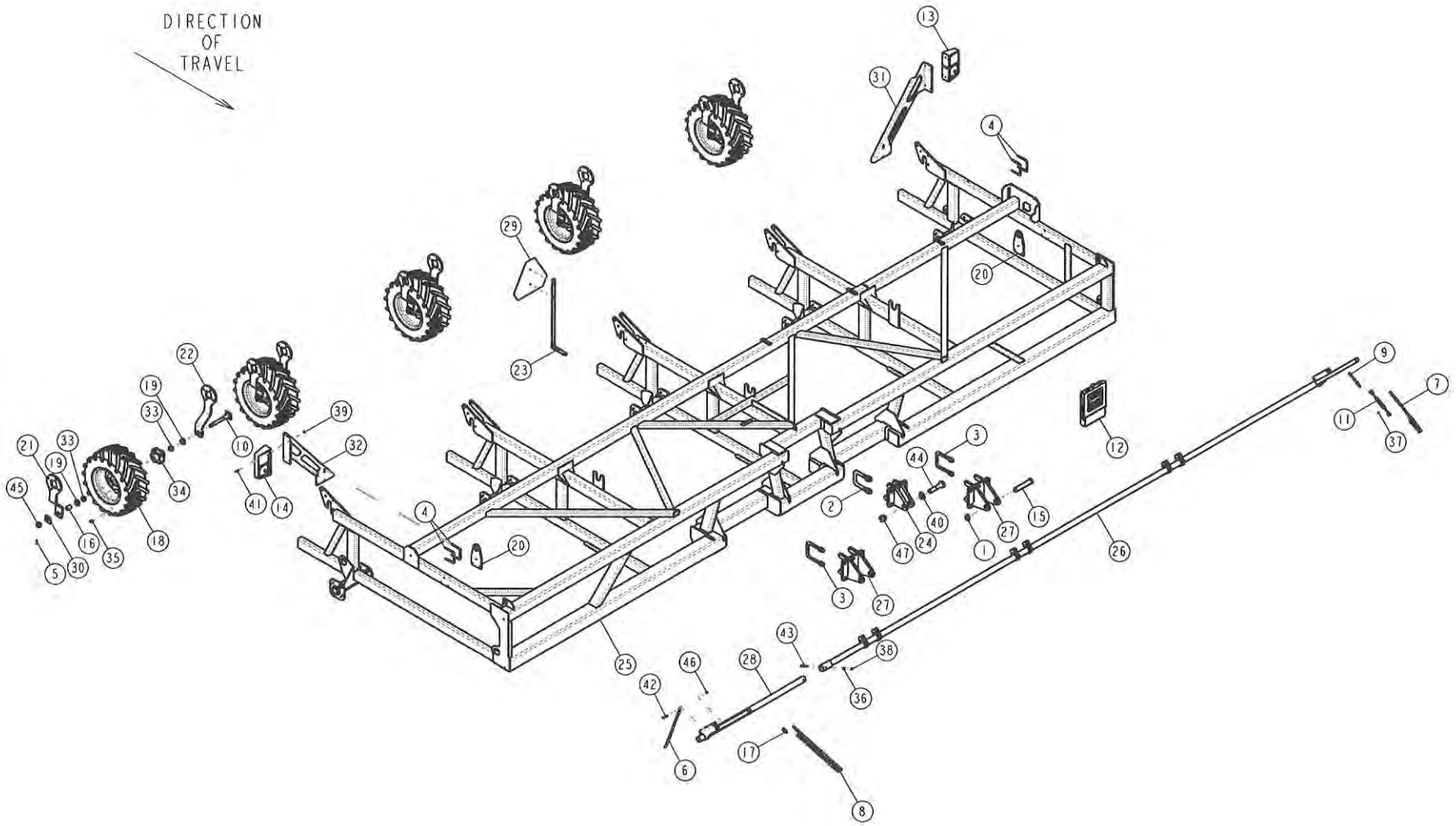
AMADAS INDUSTRIES


DIRECTION
OF
TRAVEL
PAGE 2

ADI-830 8-ROW FRAME SECTION

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	1465	PIN, LYNCH; 7/16 X 2 HD	2		
2	1836	U-BOLT, 3/4-10 X 6 LG. X 4.1/16 W	2	6	
3	1848	U-BOLT, 1-12 X 4.0625 X 6.25 W/GR9 NUT & WASHER	1	2	
4	2212	PIN, COTTER 5/32X1-1/2	5		
5	4293-18	CHAIN,3/16 COIL; 18 LINKS	1	8	
6	4293-23	CHAIN,3/16 COIL; 23 LINKS	1		
7	4293-39	CHAIN,3/16 COIL; 39 LINKS	1		
8	4293-5	CHAIN,3/16 COIL; 5 LINKS	1		
9	10953	SPINDLE, WHEEL MOUNT	5		
10	11375	TURNBUCKLE, 3/4 X 29 MIN. TO 47 MAX. JAW&JAW	1		
11	13661	BOX, MANUAL	1		
12	15929	LIGHT, DUAL LAMP W/BRAKE FCN; LH	1		
13	15930	LIGHT, DUAL LAMP W/BRAKE FCN; RH	1		
14	20845	PIN, HITCH; CAT III	2		
15	20915	SPACER, 1-9/16 LG.	5		
16	80458	SNAP, SPRING; 1/4"	1	2	
17	80572	WHEEL ASSEMBLY, 23X10.5;6P;5 ON 4.5BC	5		
18	80640	SEAL, DOUBLE LIP 1-1/4" ID	10		
19	93819	MOUNT, CONVEYOR LIFT	2		
20	94195	PLATE, GAUGE WHEEL FORK	5		
21	94196	PLATE, GAUGE WHEEL FORK	5		
22	94221	HITCH, LOWER	2		
23	94277	MOUNT, SMV DECAL	1		
24	94344	HITCH, HEAVY UPPER	1		
25	94402	FRAME, DIGGER; 830	1		
26	94403	LIFT, 8-ROW; 60" SPACING	1		
27	121106	DECAL, SMV W/METAL BACKING PLATE	1		
28	127953	WASHER, WHEEL MOUNT	5		
29	128178	MOUNT, LIGHT LH	1		
30	128179	MOUNT, LIGHT RH	1		
31	128180	U-BOLT, LIGHT MOUNT	4		
32	801138	CONE & ROLLER ASSEMBLY, FOR 1" SHAFT	10		
33	80569A	ASSEMBLY, HUB & CUP; 5 BOLT	5		
34	928560	NUT, 1/2-13 USS	5	25	
35	G124818	NUT, 1/4-20 USS JAM	1		
36	G126178	NUT,1/4-20 SERRATED FLANGE	1	8	
37	G131021	WASHER, 1-1/4 SAE FLAT	1		
38	G180024	SCREW, 1/4-20 X 1-1/4 USS CAP	1	8	
39	G180085	SCREW, 5/16-18 X 1-3/4 USS CAP	1	18	
40	G271953	SCREW, 1-1/4 X 5.1/2 USS CAP, GRD 8	1		
41	G272325	NUT, 1-14 SAE HEX SLOTTED	5		
42	G431798	LOCKNUT, 5/16-18 USS NYLOCK HEX	1	32	
43	G9419533	LOCKNUT, 1-1/4-7, GRADE 8	1		

THESE ITEMS USED BUT NOT SHOWN:		
14936	TIE, 8" PUSH-MT, BLK BARBED TIP	20
16334	HARNESS, WIRING DIGGER LIGHTS	1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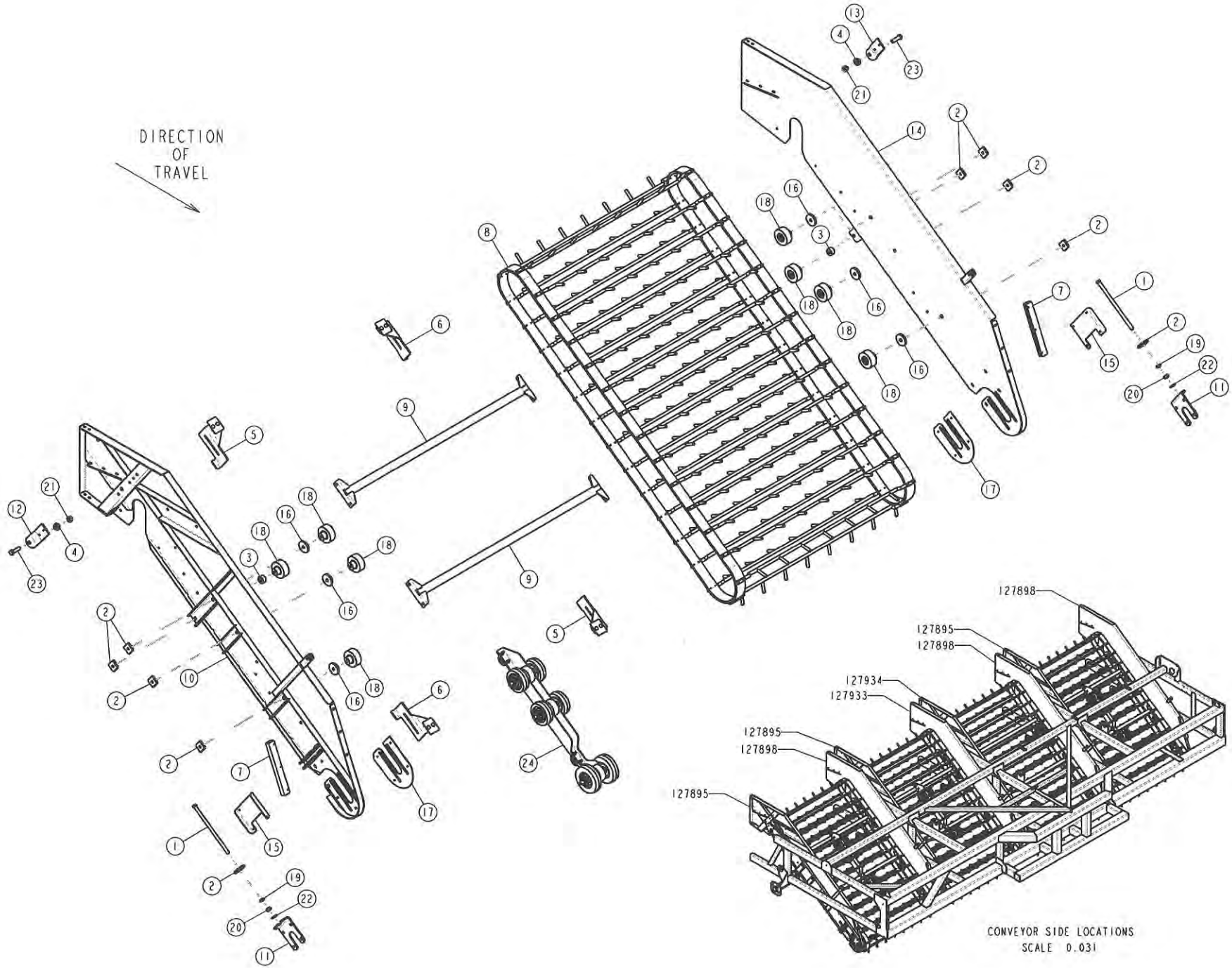
ADI-836 & -840 FRAME SECTION

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	1465	PIN, LYNCH; 7/16 X 2 HD	1	2	
2	1848	U-BOLT, 1-12 X 4.0625 X 6.25 W/GR9 NUT & WASHER	1	2	
3	1852	U-BOLT, 3/4 X 6 LG X 5-1/16 W	2	6	
4	1868	U-BOLT, LIGHT MOUNT	4		
5	2212	PIN, COTTER 5/32X1-1/2	5		
6	4293-18	CHAIN,3/16 COIL; 18 LINKS	1	8	
7	4293-23	CHAIN,3/16 COIL; 23 LINKS	1		
8	4293-39	CHAIN,3/16 COIL; 39 LINKS	1		
9	4293-5	CHAIN,3/16 COIL; 5 LINKS	1		
10	10953	SPINDLE, WHEEL MOUNT	5		
11	11375	TURNBUCKLE, 3/4 X 29 MIN. TO 47 MAX. JAW&JAW	1		
12	13661	BOX, MANUAL	1		
13	15929	LIGHT, DUAL LAMP W/BRAKE FCN; LH	1		
14	15930	LIGHT, DUAL LAMP W/BRAKE FCN; RH	1		
15	20845	PIN, HITCH; CAT III	1	2	
16	20915	SPACER, 1-9/16 LG.	5		
17	80458	SNAP, SPRING; 1/4"	1	2	
18	80572	WHEEL ASSEMBLY, 23X10.5;6P;5 ON 4.5BC	5		
19	80640	SEAL, DOUBLE LIP 1-1/4" ID	10		
20	93819	MOUNT, CONVEYOR LIFT	2		
21	94195	PLATE, GAUGE WHEEL FORK	5		
22	94196	PLATE, GAUGE WHEEL FORK	5		
23	94277	MOUNT, SMV DECAL	1		
24	94344	HITCH, HEAVY UPPER	1		
25	94493	FRAME, ADI-836	1		SEE NOTE 1
26	94494	LIFT, 8-ROW; 72" SPACING, LONG	1		SEE NOTE 2
27	94495	HITCH, LOWER; 5" TUBING	2		
28	94528	LIFT, 8-ROW 72" SPACING; SHORT	1		
29	121106	DECAL, SMV W/METAL BACKING PLATE	1		
30	127953	WASHER, WHEEL MOUNT	5		
31	128178	MOUNT, LIGHT LH	1		
32	128179	MOUNT, LIGHT RH	1		
33	80113B	CONE & ROLLER ASSEMBLY, FOR 1" SHAFT	10		
34	80569A	ASSEMBLY, HUB & CUP; 5 BOLT	5		
35	92856D	NUT, 1/2-13 USS	5	25	
36	G120377	NUT, 3/8-16 USS; GRADE 5	1		
37	G124818	NUT, 1/4-20 USS JAM	1		
38	G124829	NUT, 3/8-16 USS JAM	1		
39	G126178	NUT,1/4-20 SERRATED FLANGE	1	8	
40	G131021	WASHER, 1-1/4 SAE FLAT	1		
41	G180024	SCREW, 1/4-20 X 1-1/4 USS CAP	1	8	
42	G180085	SCREW, 5/16-18 X 1-3/4 USS CAP	1	18	
43	G180138	SCREW, 3/8-16 X 3 USS CAP	1		
44	G271953	SCREW, 1-1/4 X 5.1/2 USS CAP, GRD 8	1		
45	G272325	NUT, 1-14 SAE HEX SLOTTED	5		
46	G431798	LOCKNUT, 5/16-18 USS NYLOCK HEX	1	32	
47	G9419533	LOCKNUT, 1-1/4-7, GRADE 8	1		

NOTE 1			
94497	FRAME, ADI-840	1	ADI-840
NOTE 2			
94499	LIFT, 8-ROW 80" SPACING; SHORT	1	ADI-840
94529	LIFT, 8-ROW 80" SPACING; LONG	1	ADI-840

THESE ITEMS USED BUT NOT SHOWN:		
14936	TIE, 8" PUSH-MT, BLK BARBED TIP	20
16334	HARNESS, WIRING DIGGER LIGHTS	1


DIRECTION
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CONVEYOR SIDE LOCATIONS
SCALE 0.031

ADI-830 RIGHT/LEFT CONVEYOR SIDE

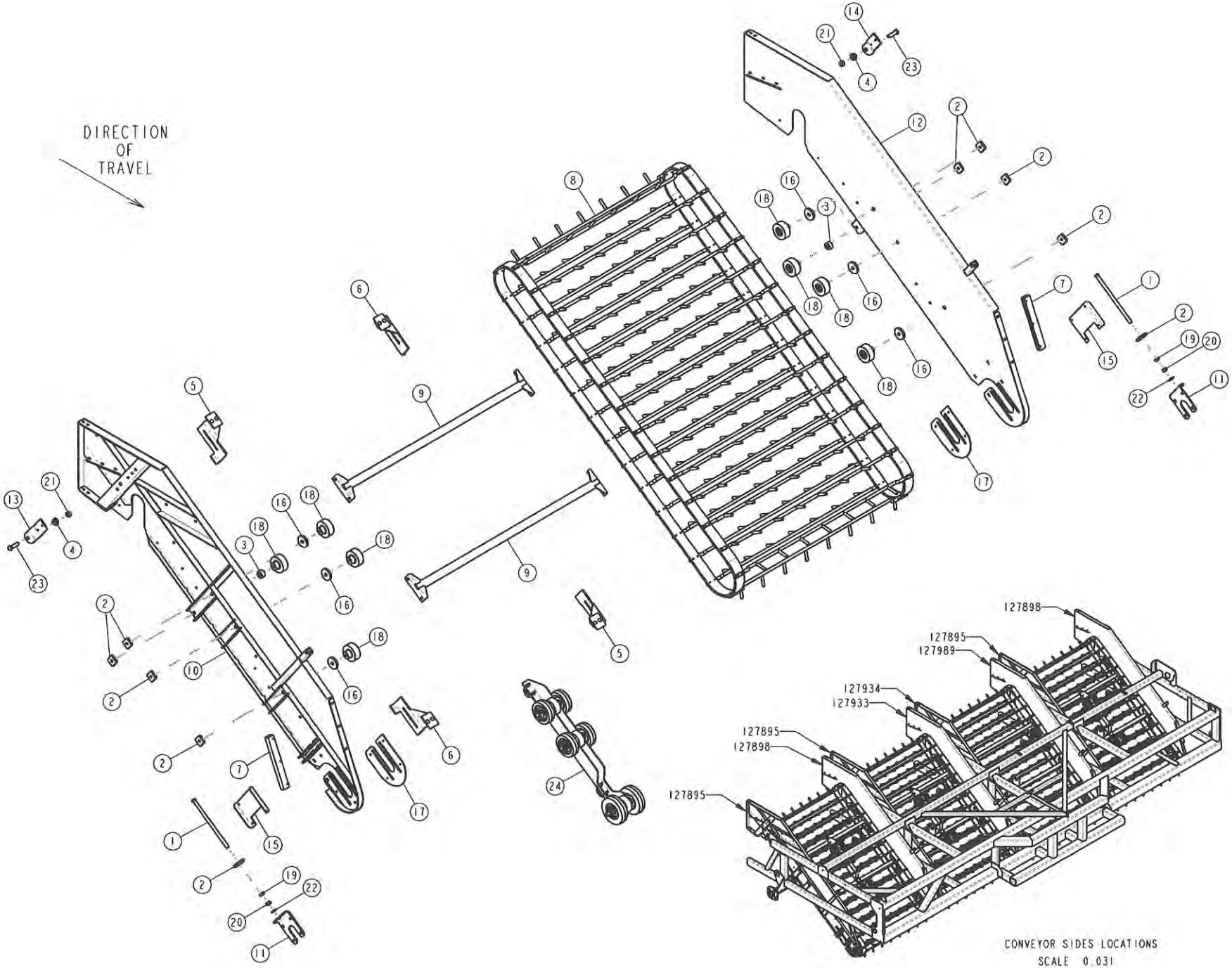
ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	1841	ROD, ADJUSTING; BEARING	2	4	
2	2020	NUT, 5/8-11,2X1-3/4 IDLER ADJ	10	20	
3	20830	SPACER, 1.50 OD X .671 ID X .75 LONG	2	4	
4	51692	BUSHING, CONVEYOR PIVOT	2	4	
5	70829	SCRAPER, LFT FRONT IDLER	2	2	ONE IN REAR POSITION OPTIONAL; SEE NOTE 1
6	70830	SCRAPER, RT FRONT IDLER	2	2	ONE IN REAR POSITION OPTIONAL; SEE NOTE 1
7	80455	BUMPER, DIGGER SIDE	2	4	
8	80573	CONVEYOR, BELT & BAR; 50-1/2"	1	2	
9	94375	BRACE, CROSS; 30" DIGGER	2	4	
10	127895	SIDE, CONVEYOR;OUTER RIGHT	1		SEE LEFT CONVEYOR SIDE TABLE BELOW
11	127897	BRACKET, DIGGER SIDE	2	4	
12	127928	GUIDE, CONV.SIDE; LEFT	1	2	
13	127929	GUIDE, CONV.SIDE; RIGHT	1	2	
14	127933	SIDE, DIGGER; INNER RIGHT	1		SEE LEFT CONVEYOR SIDE TABLE BELOW
15	127972	PLATE, REINFORCEMENT	2	4	
16	127995	SPACER, SHAKER IDLER	6	12	
17	128291	PANEL, WEAR; DIGGER NOSE	2	OPT	AS REQUIRED
18	80531B	ROLLER, 3.5"	8	4	
19	G120240	NUT, 5/8-11 USS JAM	2	4	
20	G124589	NUT, 5/8-11 USS	2	4	
21	G124590	LOCKNUT, 5/8-11 NYLOCK	2	4	
22	G131016	WASHER, 5/8 SAE FLAT	2	4	
23	G271723	SCREW, 5/8-11 X 2 USS CAP	2	4	
24	S129095	ASSEMBLY, DIGGER BELT SHAKER	1		SEE NOTE 2

LEFT CONVEYOR SIDE

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
12	127934	SIDE, CONV.; INNER LEFT		1	
16	127898	SIDE, CONV.; OUTER LEFT		1	

NOTE: "QTY REQ'D" INDICATES QUANTITY NEEDED TO ASSEMBLE A LEFT AND A RIGHT SECTION

NOTE 1			
PART NUMBER	DESCRIPTION	QTY REQ'D	COMMENTS
128118	BLADE, BELT SCRAPER; STAINLESS STEEL	A/R	
--NOTE 2--			
80491	SNUGULATOR, 1-3/8 W; 5/8 BORE	3	
80721	U-BOLT, 5/16 X 1-3/4 X 3" LG	2	
129095	BRACKET, BELT SHAKER; RIGHT	1	
129096	BRACKET, BELT SHAKER; LEFT	1	
80530A	ROLLER, 6" SHAKER	2	
80531A	ROLLER, 5" SHAKER	4	
G121574	LOCKWASHER, 5/8	3	
G124589	NUT, 5/8-11 USS	3	
G124820	NUT, 1/4-20 LOCK FLANGE (STOVER)	4	
G131015	WASHER, 5/8 USS FLAT	6	
G9413441	SCREW, 5/8-11 X 8 USS CAP	3	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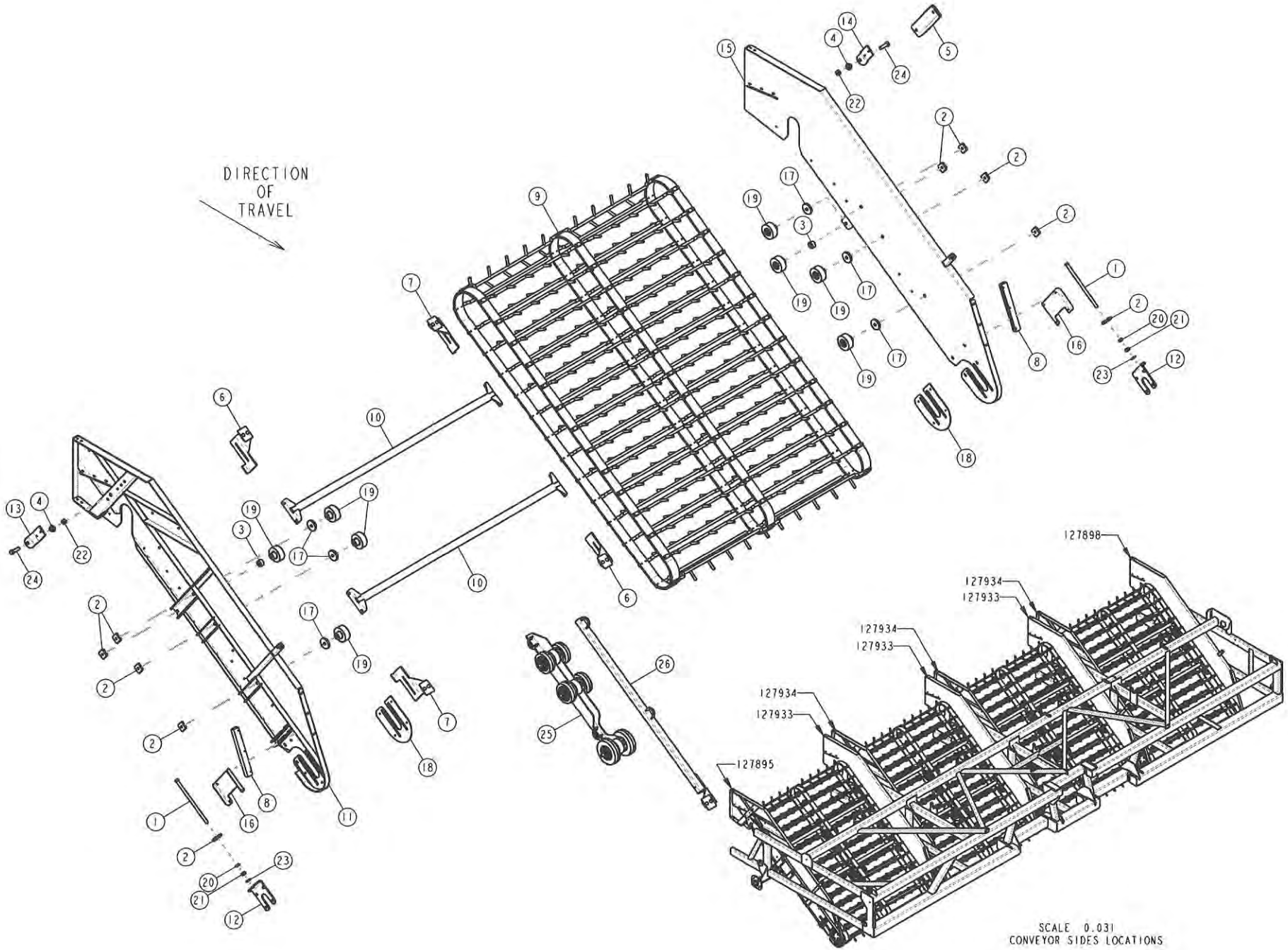
CONVEYOR SIDES LOCATIONS
SCALE 0.031

ADI-830 OUTER CONVEYOR SECTION

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	1841	ROD, ADJUSTING; BEARING	2		
2	2020	NUT, 5/8-11,2X1-3/4 IDLER ADJ	10		
3	20830	SPACER, 1.50 OD X .671 ID X .75 LONG	2		
4	51692	BUSHING, CONVEYOR PIVOT	2		
5	70829	SCRAPER, LFT FRONT IDLER	2		ONE IN REAR POSITION OPTIONAL; SEE NOTE 1
6	70830	SCRAPER, RT FRONT IDLER	2		ONE IN REAR POSITION OPTIONAL; SEE NOTE 1
7	80455	BUMPER, DIGGER SIDE	2		
8	80573	CONVEYOR, BELT & BAR; 50-1/2"	1		
9	94375	BRACE, CROSS; 30" DIGGER	2		
10	127895	SIDE, CONVEYOR;OUTER RIGHT	1		
11	127897	BRACKET, DIGGER SIDE	2		
12	127898	SIDE, DIGGER; OUTER LEFT	1		
13	127928	GUIDE, CONV.SIDE; LEFT	1		
14	127929	GUIDE, CONV.SIDE; RIGHT	1		
15	127972	PLATE, REINFORCEMENT	2		
16	127995	SPACER, SHAKER IDLER	6		
17	128291	PANEL, WEAR; DIGGER NOSE	2	OPT	AS REQUIRED
18	80531B	ROLLER, 3.5"	8		
19	G120240	NUT, 5/8-11 USS JAM	2		
20	G124589	NUT, 5/8-11 USS	2		
21	G124590	LOCKNUT, 5/8-11 NYLOCK	2		
22	G131016	WASHER, 5/8 SAE FLAT	2		
23	G271723	SCREW, 5/8-11 X 2 USS CAP	2		
24	S129095	ASSEMBLY, DIGGER BELT SHAKER	1		--SEE NOTE 2--

--NOTE 1--			
PART NUMBER	DESCRIPTION	QTY REQ'D	COMMENTS
128118	BLADE, BELT SCRAPER; STAINLESS STEEL	A/R	
--NOTE 2--			
80491	SNUGULATOR, 1-3/8 W; 5/8 BORE	3	
80721	U-BOLT, 5/16 X 1-3/4 X 3" LG	2	
129095	BRACKET, BELT SHAKER; RIGHT	1	
129096	BRACKET, BELT SHAKER; LEFT	1	
80530A	ROLLER, 6" SHAKER	2	
80531A	ROLLER, 5" SHAKER	4	
G121574	LOCKWASHER, 5/8	3	
G124589	NUT, 5/8-11 USS	3	
G124820	NUT, 1/4-20 LOCK FLANGE [STOVER]	4	
G131015	WASHER, 5/8 USS FLAT	6	
G9413441	SCREW, 5/8-11 X 8 USS CAP	3	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SCALE 0.031
CONVEYOR SIDES LOCATIONS

AD1-836 & AD1-840 RIGHT/LEFT CONVEYOR SIDE

RIGHT CONVEYOR SIDE

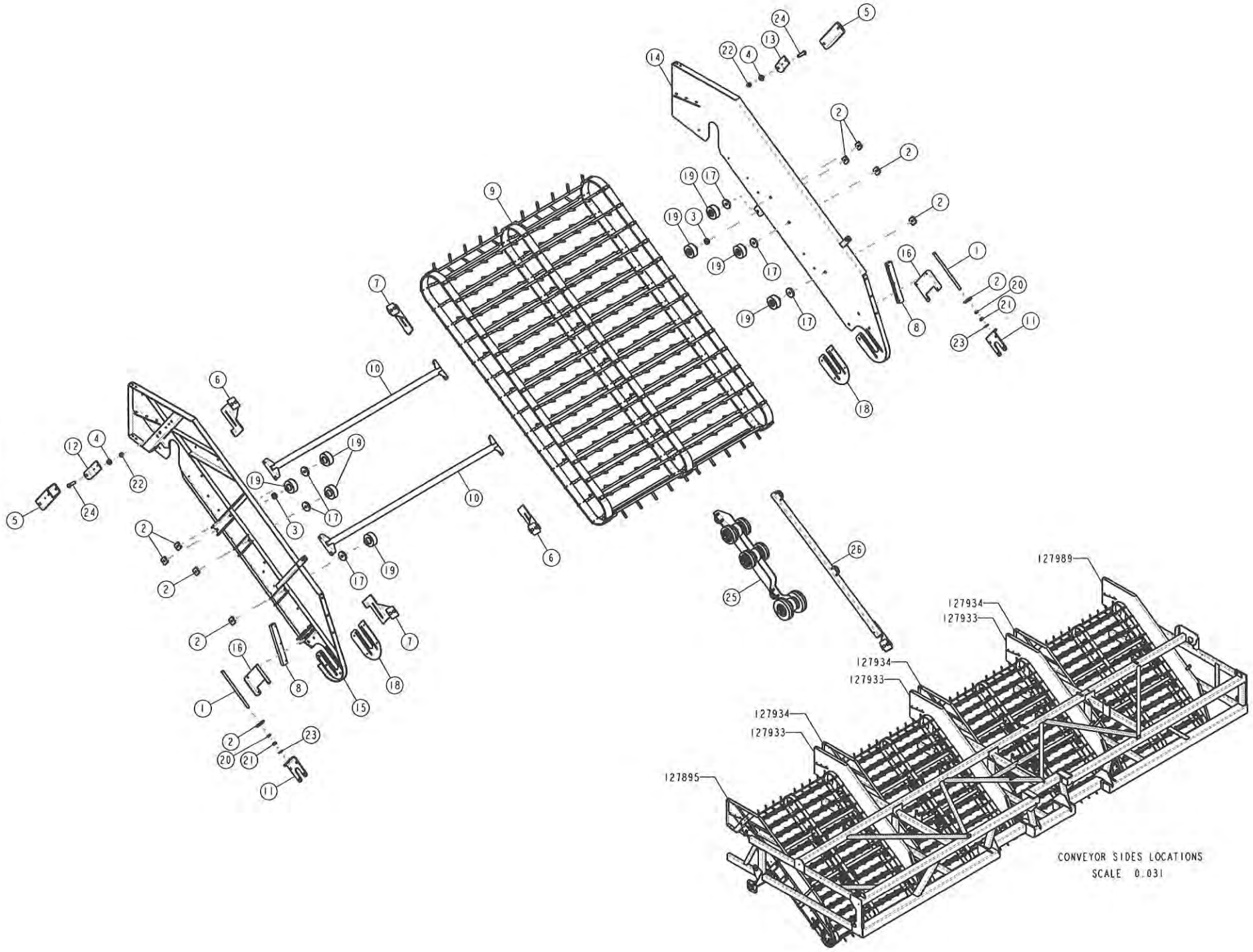
ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	1841	ROD, ADJUSTING; BEARING	2	4	
2	2020	NUT, 5/8-11,2X1-3/4 IDLER ADJ	10	20	
3	20830	SPACER, 1.50 OD X .671 ID X .75 LONG	2	4	
4	51692	BUSHING, CONVEYOR PIVOT	2	4	
5	62058	SPACER, 40" SIDE CONVEYOR	1		840 DIGGER ONLY! [1]/LEFT CONV.SIDE;[1]/RT CONV.SIDE
6	70829	SCRAPER, LFT FRONT IDLER	2	2	ONE IN REAR POSITION OPTIONAL; SEE NOTES 4 & 5
7	70830	SCRAPER, RT FRONT IDLER	2	2	ONE IN REAR POSITION OPTIONAL; SEE NOTES 4 & 5
8	80455	BUMPER, DIGGER SIDE	2	4	
9	80523	CONVEYOR, BELT & BAR; 62.17/32 WIDE	1	2	--SEE NOTE 1--
10	94240	BRACE, CROSS; 36" DIGGER	2	4	--SEE NOTE 2--
11	127895	SIDE, CONVEYOR;OUTER RIGHT	1		***SEE LEFT CONVEYOR SIDE TABLE BELOW
12	127897	BRACKET, DIGGER SIDE	2	4	
13	127928	GUIDE, CONV.SIDE; LEFT	1	2	
14	127929	GUIDE, CONV.SIDE; RIGHT	1	2	
15	127933	SIDE, DIGGER; INNER RIGHT	1		***SEE LEFT CONVEYOR SIDE TABLE BELOW
16	127972	PLATE, REINFORCEMENT	2	4	
17	127995	SPACER, SHAKER IDLER	6	12	
18	128291	PANEL, WEAR; DIGGER NOSE	2		
19	80531B	ROLLER, 3.5"	8	8	
20	G120240	NUT, 5/8-11 USS JAM	2	4	
21	G124589	NUT, 5/8-11 USS	2	4	
22	G124590	LOCKNUT, 5/8-11 NYLOCK	2	4	
23	G131016	WASHER, 5/8 SAE FLAT	2	4	
24	G271723	SCREW, 5/8-11 X 2 USS CAP	2	4	
25	S129095	ASSEMBLY, DIGGER BELT SHAKER	1		--SEE NOTE 3--
26	S62442	ASSEMBLY, SCRAPER; CENTER	1		--SEE NOTE 4 & 5--

LEFT CONVEYOR SIDE

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
9	127934	SIDE, CONV.; INNER RIGHT		1	
13	127898	SIDE, CONV.; OUTER LEFT		1	

NOTE: "QTY REQ'D" INDICATES QUANTITY NEEDED TO ASSEMBLE A LEFT AND A RIGHT SECTION

--NOTE 1--			
80522	CONVEYOR, BELT & BAR; 66-17/32 WIDE	1	AD1-840
--NOTE 2--			
93801	BRACE, CROSS; 40" DIGGER	4	AD1-840
--NOTE 3--			
80491	SNUGULATOR, 1-3/8 W; 5/8 BORE	3	
80721	U-BOLT, 5/16 X 1-3/4 X 3" LG	2	
129095	BRACKET, BELT SHAKER; RIGHT	1	
129096	BRACKET, BELT SHAKER; LEFT	1	
80530A	ROLLER, 6" SHAKER	2	
80531A	ROLLER, 5" SHAKER	4	
G121574	LOCKWASHER, 5/8	3	
G124589	NUT, 5/8-11 USS	3	
G124820	NUT, 1/4-20 LOCK FLANGE [STOVER]	4	
G131015	WASHER, 5/8 USS FLAT	6	
G9413441	SCREW, 5/8-11 X 8 USS CAP	3	
--NOTE 4--			
71183	KIT, MUD SCRAPER	OPT	
--NOTE 5--			
128118	BLADE, BELT SCRAPER	A/R	

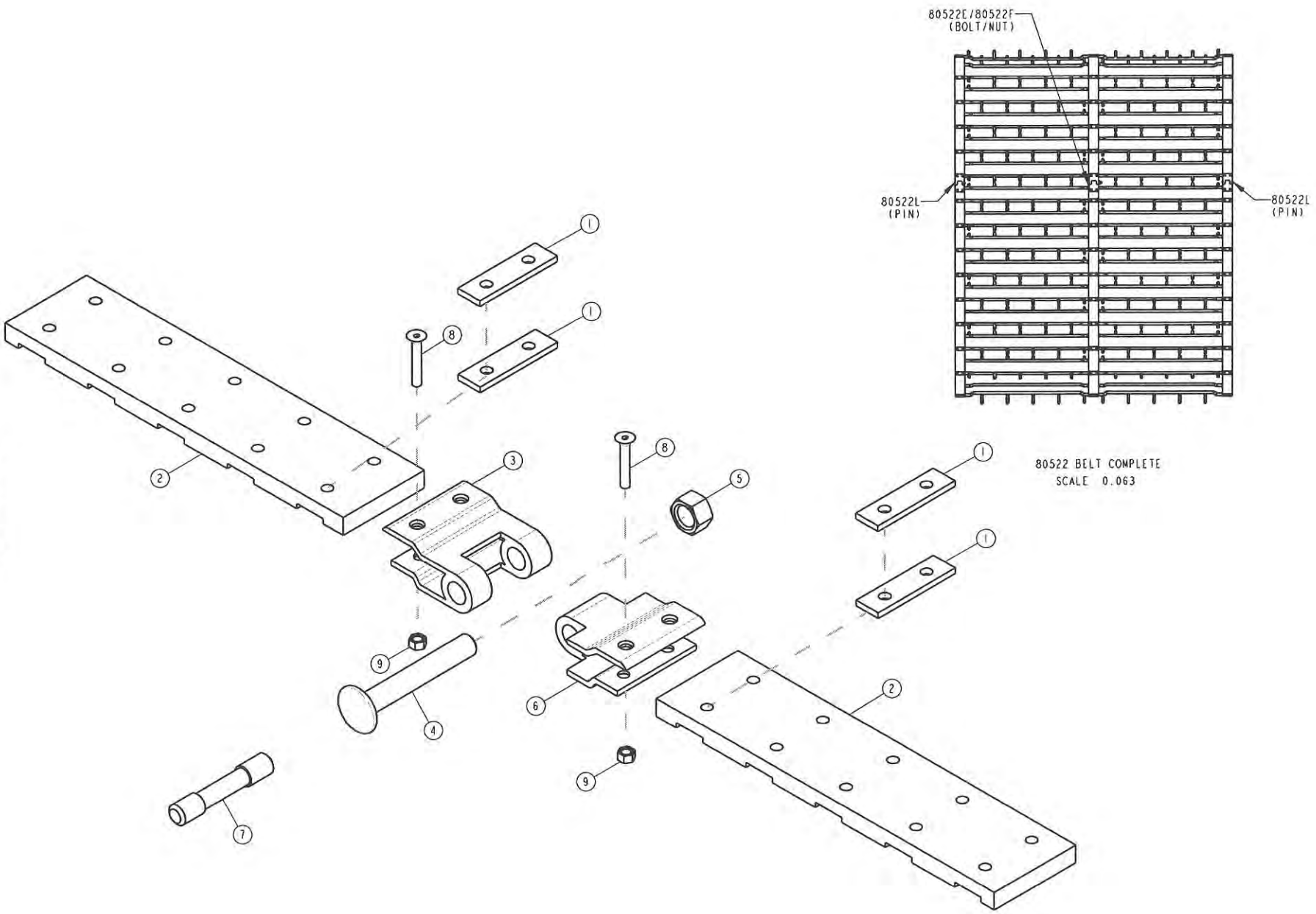


CONVEYOR SIDES LOCATIONS
SCALE 0.031

ADI-836 & ADI-840 CENTER CONVEYOR SECTION

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	1841	ROD, ADJUSTING; BEARING	2		
2	2020	NUT, 5/8-11,2X1-3/4 IDLER ADJ	10		
3	20829	SPACER, 1.1/2 OD X .671 ID X .50LG	2		
4	51692	BUSHING, CONVEYOR PIVOT	2		
5	62058	SPACER, 40" SIDE CONVEYOR	2		840 DIGGER ONLY!
6	70829	SCRAPER, LFT FRONT IDLER	2		ONE IN REAR POSITION OPTIONAL; SEE NOTES 4 & 5
7	70830	SCRAPER, RT FRONT IDLER	2		ONE IN REAR POSITION OPTIONAL; SEE NOTES 4 & 5
8	80455	BUMPER, DIGGER SIDE	2		
9	80523	CONVEYOR, BELT & BAR; 62.17/32 WIDE	1		--SEE NOTE 1--
10	94240	BRACE, CROSS; 36" DIGGER	2		--SEE NOTE 2--
11	127897	BRACKET, DIGGER SIDE	2		
12	127928	GUIDE, CONV.SIDE; LEFT	1		
13	127929	GUIDE, CONV.SIDE; RIGHT	1		
14	127933	SIDE, DIGGER; INNER RIGHT	1		
15	127934	SIDE, CONVEYOR; INNER LEFT	1		
16	127972	PLATE, REINFORCEMENT	2		
17	127995	SPACER, SHAKER IDLER	6		
18	128291	PANEL, WEAR; DIGGER NOSE	2		AS REQUIRED
19	80531B	ROLLER, 3.5"	8		
20	G120240	NUT, 5/8-11 USS JAM	2		
21	G124589	NUT, 5/8-11 USS	2		
22	G124590	LOCKNUT, 5/8-11 NYLOCK	2		
23	G131016	WASHER, 5/8 SAE FLAT	2		
24	G271723	SCREW, 5/8-11 X 2 USS CAP	2		
25	S129095	ASSEMBLY, DIGGER BELT SHAKER	1		--SEE NOTE 3--
26	S62442	ASSEMBLY, SCRAPER; CENTER	1		--SEE NOTES 4 & 5--

--NOTE 1--			
PART NUMBER	DESCRIPTION	QTY REQ'D	COMMENTS
80522	CONVEYOR, BELT & BAR; 66-17/32 WIDE	1	ADI-840
--NOTE 2--			
93801	BRACE, CROSS; 40" DIGGER	4	ADI-840
--NOTE 3--			
80491	SNUGULATOR, 1-3/8 W; 5/8 BORE	3	
80721	U-BOLT, 5/16 X 1-3/4 X 3" LG	2	
129095	BRACKET, BELT SHAKER; RIGHT	1	
129096	BRACKET, BELT SHAKER; LEFT	1	
80530A	ROLLER, 6" SHAKER	2	
80531A	ROLLER, 5" SHAKER	4	
G121574	LOCKWASHER, 5/8	3	
G124589	NUT, 5/8-11 USS	3	
G124820	NUT, 1/4-20 LOCK FLANGE [STOVER]	4	
G131015	WASHER, 5/8 USS FLAT	6	
G9413441	SCREW, 5/8-11 X 8 USS CAP	3	
--NOTE 4--			
71183	KIT, MUD SCRAPER	OPT	
--NOTE 5--			
128118	BLADE, BELT SCRAPER	A/R	


80522E/80522F
(BOLT/NUT)
80522L
(PIN)
80522L
(PIN)
80522 BELT COMPLETE
SCALE 0.063

0337 - BELT CONNECTING KIT - 70808

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	21025	SPACER, BELT CONNECTING KIT	4		
2	80522	BELT, SECTION; SHOWN AS REPRESENTATION ONLY!	2		--SEE NOTE 1--
3	80522C	CLIP, BELT CONNECTING;FEMALE	1		
4	80522E	BOLT, M12X75	1		*USE ONLY ON CENTER BELT SECTION.
5	80522F	NUT, M12	1		*USE ONLY ON CENTER BELT SECTION.
6	80522K	CLIP, BELT CONNECTING;MALE	1		
7	80522L	PIN, 11.8MM BELT CONNECTING	1		*USE ONLY ON OUTER BELT SECTIONS.
8	80522M	BOLT,10-32 BELT CLIP	2	4	
9	80522N	NUT,10-32 BELT CLIP	2	4	

--NOTE 1--	
80522	38" & 40" DIGGER SPACING
80523	36" DIGGER SPACING
80573	30" DIGGER SPACING

3
3
4
1
2

0347 - 80573 ROD REPLACEMENT - KIT 70899 - 30" DIGGERS

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	80573	BELT, SECTION; SHOWN AS REPRESENTATION ONLY!	1		AD1-830
2	80522G	PLATE, FLOW DRILL	1	4	
3	80522H	BOLT, M6X25 FLOW DRILL	2	8	
4	80573B	ROD, 50-1/2" BELT & BAR; "B"; 1st PIN IN	1		80573A - 50-1/2" BELT & BAR "A"; 1st PIN OUT

4
3
3
1
2

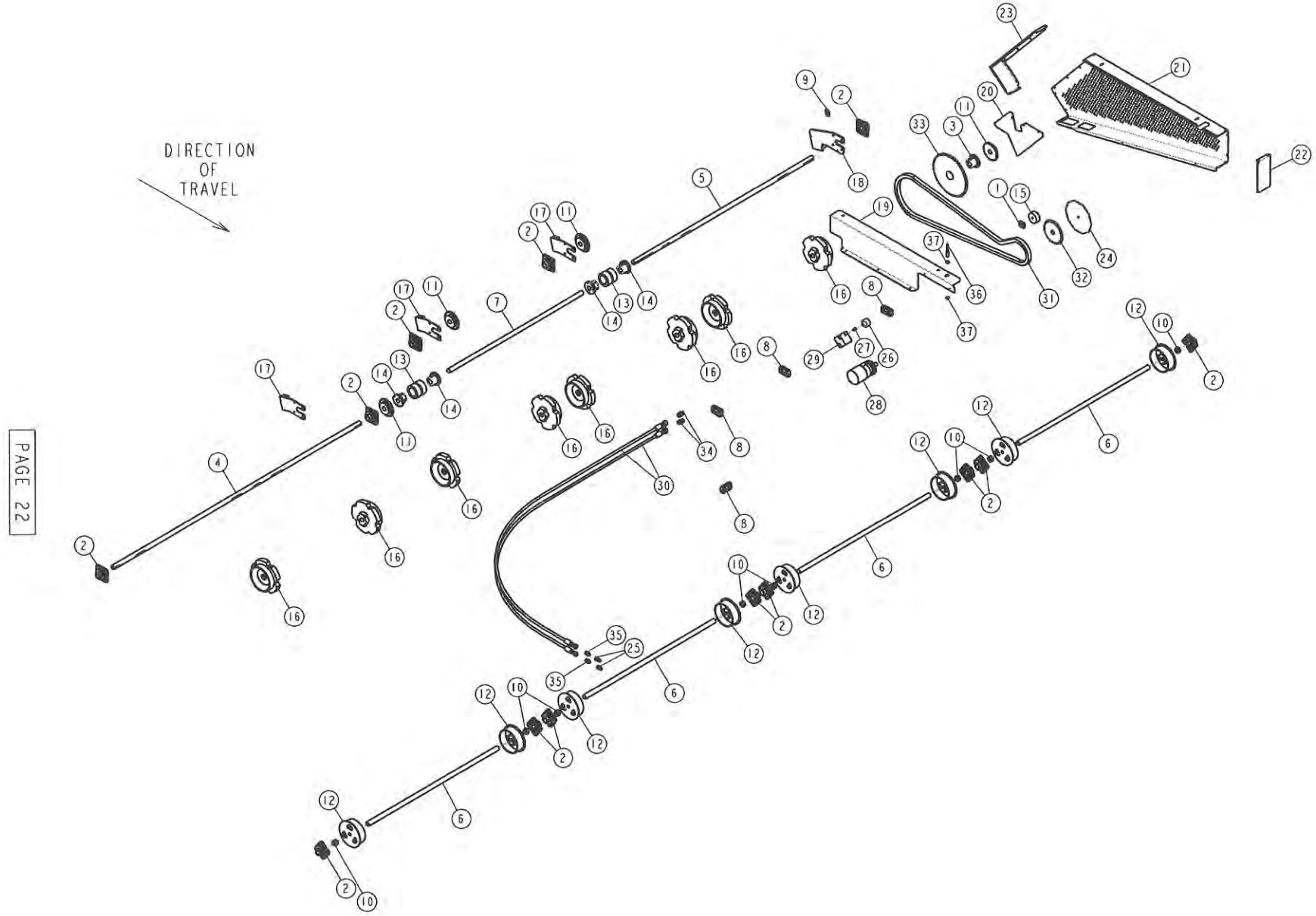
0339 - 80523 ROD REPLACEMENT - KIT 70805 - 36" DIGGER

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	80523	BELT, SECTION	1		
2	80522G	PLATE, FLOW DRILL	1	6	
3	80522H	BOLT, M6X25 FLOW DRILL	2	12	
4	80523A	ROD, 63" BELT & BAR "A"; 1st PIN OUT	1		*80523B - 63" BELT & BAR "B"; 1st PIN IN

2
4
4
1
3

0338 - 80522 ROD REPLACEMENT - KIT 70804 - 38" & 40" DIGGER

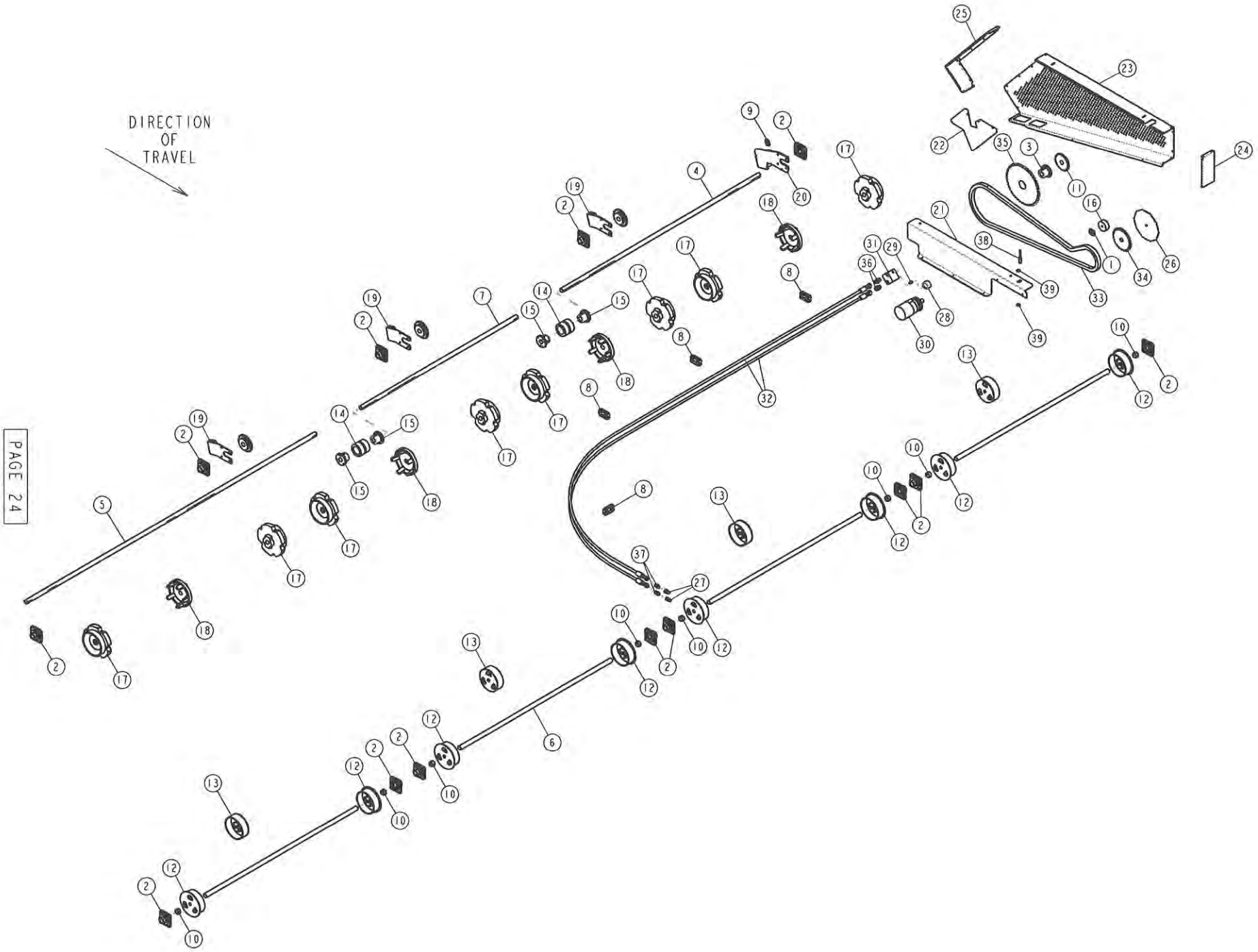
ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	80522	BELT, SECTION; SHOWN AS REPRESENTATION ONLY!	1		
2	80522A	ROD, 67" BELT & BAR "A"; 1st PIN OUT	1		*80522B - 67" BELT & BAR "B"; 1st PIN IN
3	80522G	PLATE, FLOW DRILL	1	6	
4	80522H	BOLT, M6X25 FLOW DRILL	2	12	


DIRECTION
OF
TRAVEL

ADI-830 DRIVE & SHAFT SECTION

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	2020	NUT, 5/8-11,2X1-3/4 IDLER ADJ	1		
2	3253	BEARING, 1.7/16" 4-H; TRIPLE LIP	13		
3	5914	BUSHING, OI 1-7/16	1		
4	10954	SHAFT, 30" 6-ROW; RIGHT	1		
5	10955	SHAFT, DRIVE; 30" DIGGER	1		
6	10956	SHAFT, IDLER; 30" DIGGER	4		
7	10973	SHAFT, DRIVE; 30" DIGGER	1		
8	20289	CLAMP, DUAL 1.3/16 OD HOSE; S/S	4		
9	20874	NUT, 5/8-11,2X1-3/8 IDLER ADJ	1		
10	20957	BUSHING,DIGGER IDLER	8		
11	51079	SPROCKET, 60B24 F1-7/16; 2 SETSCREWS	4		
12	51661	IDLER, 2-PIECE FLANGED	8		
13	51691	COUPLER,CSQ,QI BUSHING	2		
14	51695	BUSHING, QI 1-7/16	4		
15	80491	SNUGULATOR, 1-3/8 W; 5/8 BORE	1		
16	80525	SPROCKET, SP150 URETHANE 1-7/16 BORE	8		
17	127961	BRACKET, IDLER; CENTER	3		
18	127996	BRACKET, IDLER DRIVE	1		
19	127997	SHIELD, MAIN DRIVE BACK	1		
20	127998	SHIELD, INVERTER DRIVE; INNER	1		
21	127999	SHIELD, MAIN DRIVE	1		
22	128000	SHIELD, MAIN DRIVE FRONT	1		
23	128001	SHIELD, MAIN DRIVE REAR	1		
24	128006	DISC, SPEED INDICATOR; 11-3/8 DIA.	1		
25	140341	COUPLER,8 ORBF-1/2 ODM	2		
26	140506	GAUGE, PRESSURE; 5000 PSI	1	OPT	
27	140545	HYDFITTING,-6 ORB X 1/4 NPTF	1	OPT	
28	140641	MOTOR, HYD.; 18.3 CU. IN. W/MANIFOLD MT.	1		--SEE NOTE 1--
29	140644	MANIFOLD, WITH CV103P CARTRIDGE	1		--SEE NOTE 2--
30	140654	HOSE, 3/4 X 204" HYD.	2		
31	4365D-129	CHAIN, NO. 80, 127 PITCHES + CONNECTOR + OFFSET	1		
32	80B24-1-4	SPROCKET, 80B24;F1.1/4; 2 SETSCREWS	1		
33	80Q45	SPROCKET, 80Q45	1		
34	J38H1163	ADAPTER,12 ORB X 12 ORF	2		
35	J38H1317	HYDF, -10 ORS TO -8 ORB STRT	2		
36	JAH116104	SENSOR, SHAFT SPEED (40-47)	1		
37	JH104418	NUT, SENSOR FOR TRANSMISSION	2		

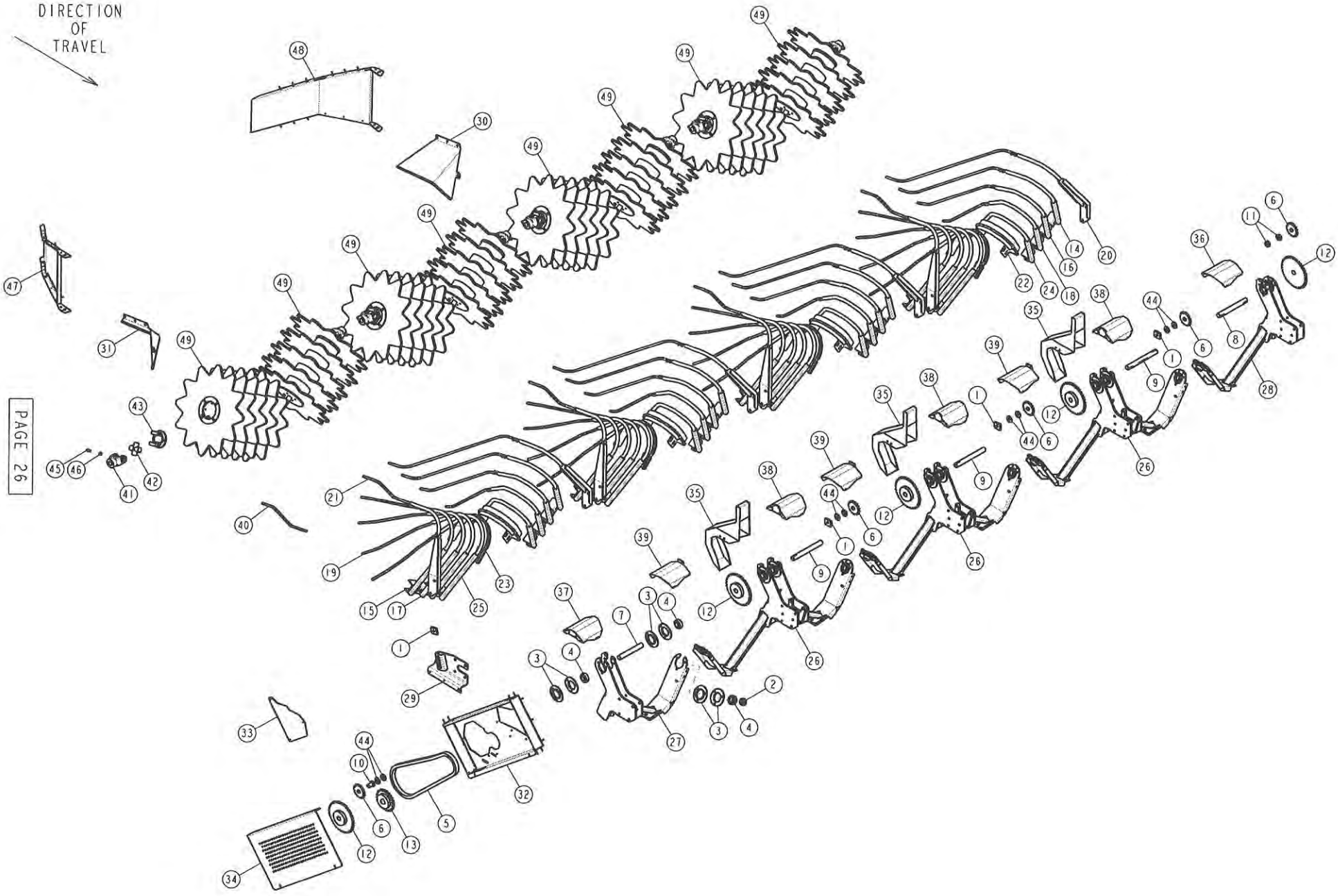
--NOTE 1--			
4978	O-RING, TS112; 65-75 DUROMETER	A/R	
G451800-8	SCREW, 1/2-13 X 1.1/2 FLANGE HEAD CAP	A/R	
G120378	NUT, 1/2-13 USS	A/R	
G120384	LOCKWASHER, 1/2	A/R	
--NOTE 2--			
G11500721	SCREW, M8 X 100MM X 1.25 PITCH SOCKET HEAD	A/R	
140672	VALVE, CHECK	A/R	


DIRECTION
OF
TRAVEL

AD1-836 & -840 GENERIC DRIVE SECTION

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	2020	NUT, 5/8-11,2X1-3/4 IDLER ADJ	1		
2	3253	BEARING, 1.7/16" 4-H; TRIPLE LIP	13		
3	5914	BUSHING, QI 1-7/16	1		
4	10930	SHAFT, DRIVE; 36" DIGGER	1		NOTE 1
5	10933	SHAFT, 36" 6-ROW; RIGHT	1		NOTE 2
6	10936	SHAFT, IDLER; 36" DIGGER	4		NOTE 3
7	10982	SHAFT, CENTER DRIVE; 836	1		NOTE 4
8	20289	CLAMP, DUAL 1.3/16 OD HOSE; S/S	4		
9	20874	NUT, 5/8-11,2X1-3/8 IDLER ADJ	1		
10	20957	BUSHING,DIGGER IDLER	8		
11	51079	SPROCKET, 60B24 F1-7/16; 2 SETSCREWS	4		
12	51661	IDLER, 2-PIECE FLANGED	8		
13	51663	IDLER, 2-PIECE NON-FLANGED	4		
14	51691	COUPLER,CSQ,QI BUSHING	2		
15	51695	BUSHING, QI 1-7/16	4		
16	80491	SNUGULATOR, 1-3/8 W; 5/8 BORE	1		
17	80525	SPROCKET, SP150 URETHANE 1-7/16 BORE	8		
18	80641	IDLER, CAST SPLIT	4		
19	127961	BRACKET, IDLER; CENTER	3		
20	127996	BRACKET, IDLER DRIVE	1		
21	127997	SHIELD, MAIN DRIVE BACK	1		
22	127998	SHIELD, INVERTER DRIVE; INNER	1		
23	127999	SHIELD, MAIN DRIVE	1		
24	128000	SHIELD, MAIN DRIVE FRONT	1		
25	128001	SHIELD, MAIN DRIVE REAR	1		
26	128006	DISC, SPEED INDICATOR; 11-3/8 DIA.	1		
27	140341	COUPLER,8 ORBF-1/2 QDM	2		
28	140506	GAUGE, PRESSURE; 5000 PSI	1	OPT	
29	140545	HYDFITTING,-6 ORB X 1/4 NPTF	1	OPT	
30	140641	MOTOR, HYD.; 18.3 CU. IN. W/MANIFOLD MT.	1		NOTE 6
31	140644	MANIFOLD, WITH CV103P CARTRIDGE	1		NOTE 7
32	140714	HOSE, 3/4 X 264" HYD.	2		
33	4365D-129	CHAIN, NO. 80, 127 PITCHES + CONNECTOR + OFFSET	1		
34	80B24-1-4	SPROCKET, 80B24;F1.1/4; 2 SETSCREWS	1		
35	80Q45	SPROCKET, 80Q45	1		
36	J38H1163	ADAPTER,12 ORB X 12 ORF	2		
37	J38H1317	HYDF, -10 ORS TO -8 ORB STRT	2		
38	JAH116104	SENSOR, SHAFT SPEED (40-47)	1		
39	JH104418	NUT, SENSOR FOR TRANSMISSION	2		

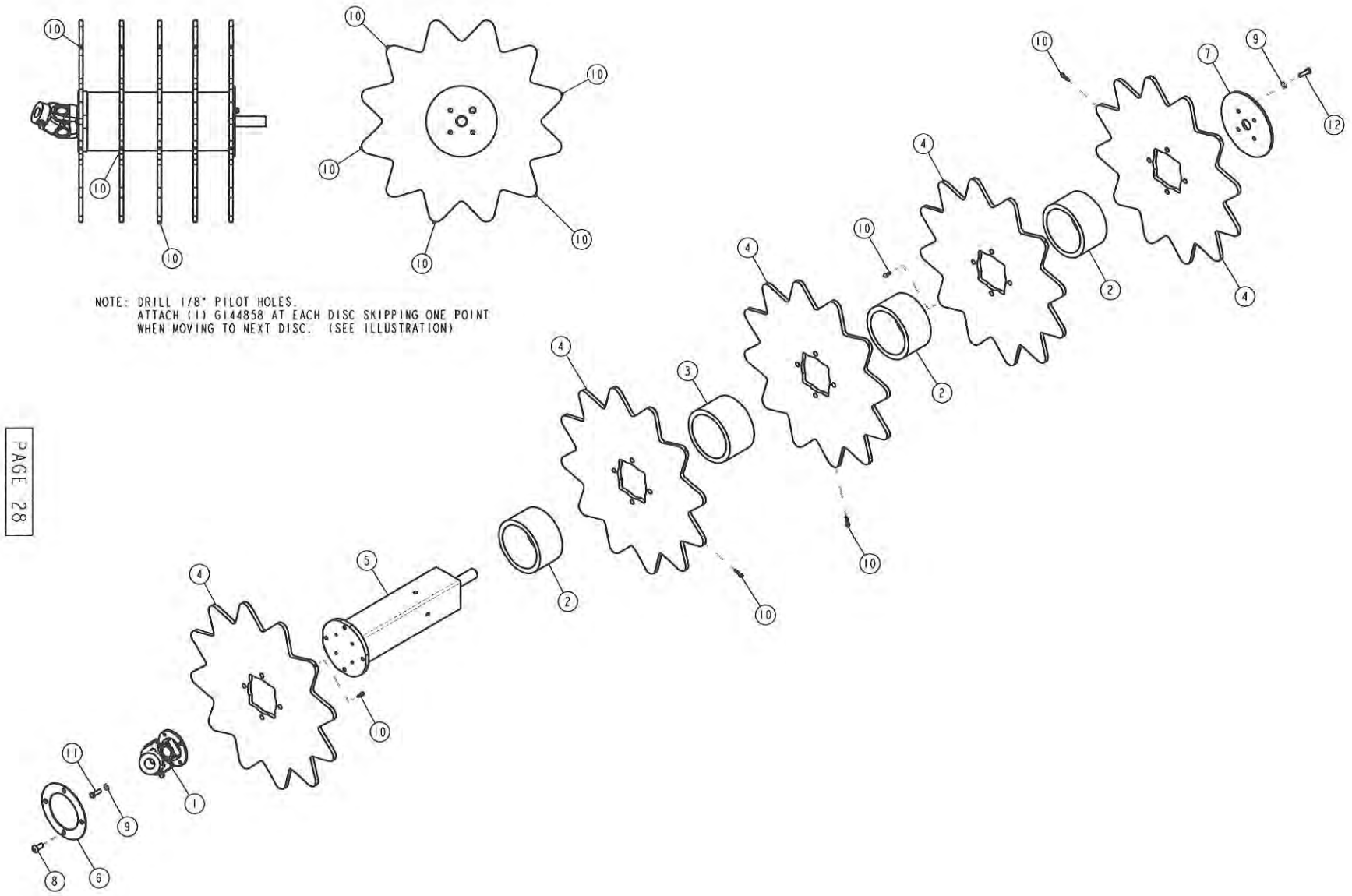
NOTE 1			
10962	SHAFT, DRIVE; 40" DIGGER	1	AD1-840
NOTE 2			
10961	SHAFT, 40" RIGHT	1	AD1-840
NOTE 3			
10831	SHAFT, 40" IDLER	4	AD1-840
NOTE 4			
10984	SHAFT, CENTER DRIVE	1	AD1-840
NOTE 5			
80526	SPROCKET, CST SPLIT BC 150M ST	8	OPTIONAL
80527	SPROCKET, S150 M5H4	8	OPTIONAL
NOTE 6			
4978	O-RING, TS112; 65-75 DUROMETER	A/R	
G451800-8	SCREW, 1/2-13 X 1.1/2 FLANGE HEAD CAP	A/R	
G120378	NUT,1/2-13 USS	A/R	
G120384	LOCKWASHER, 1/2	A/R	
NOTE 7			
G11500721	SCREW, M8 X 100MM X 1.25 PITCH SOCKET HEAD	A/R	
140672	VALVE, CHECK	A/R	


DIRECTION
OF
TRAVEL

8-ROW 30" SOLID TWIN V INVERTER KIT

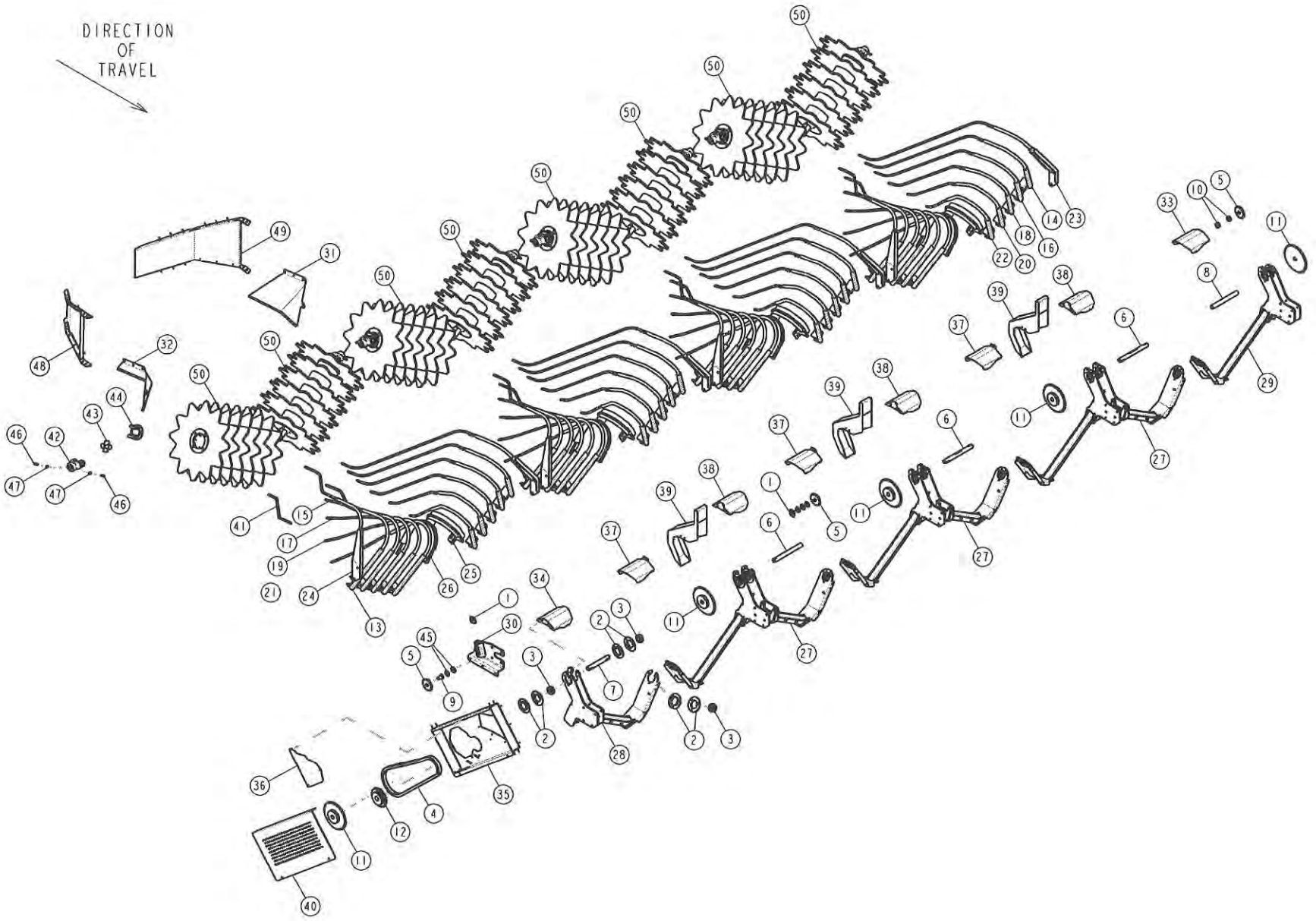
ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	2020	NUT, 5/8-11,2X1-3/4 IDLER ADJ	4		
2	3005	COLLAR, 1.3/16 ECC. LOCKING	7	A/R	
3	3093	FLANGETTE, 62MS FOR 1.3/16 BEARING	36		
4	3096	INSERT, 1.3/16 REPLACEMENT BEARING	18		
5	4043-85	CHAIN, NO.60, 83 PITS + CONN + OFFSET	1	5	
6	5122	IDLER, NO.60 CHAIN SPROCKET	5		
7	10958	SHAFT, 30" INVERTER DRIVE; RT	1		
8	10959	SHAFT, 30" INVERTER DRIVE; LFT	1		
9	10960	SHAFT, 30" INVERTER DRIVE; CNT	3		
10	20592	STANDOFF, 5/8 BORE X 1-1/2 LONG	1		
11	20829	SPACER, 1.1/2 OD X .671 ID X .50LG	2		
12	51002	SPROCKET, 60B36 F1-3/16	5		
13	51079	SPROCKET, 60B24 F1-7/16; 2 SETSCREWS	1		
14	62045	ROD, 30" INVERTER #2 LEFT "V"	4		
15	62046	ROD, 30" INVERTER #2 RT	4		
16	62047	ROD, INVERTER; #3 LEFT "V"	4		
17	62048	ROD, INVERTER; #3 RT 30	4		
18	62049	ROD, 30" INVERTER; #4 LEFT "V"	4		
19	62050	ROD, INVERTER; #4 RT 30	4		
20	62053	ROD, 30" INVERTER #1 LEFT; "V"	4		
21	62054	ROD, 30" INVERTER #1 RIGHT; "V"	4		
22	62099	ROD, INNER; RIGHT W/SHIELD	4		
23	62100	ROD, INNER; LEFT W/SHIELD	4		
24	62440	ROD, INVERTER; #5 LEFT "V"	4		
25	62441	ROD, INVERTER; #5 RT 30	4		
26	94483	MOUNT, INVERTER ROD; V-30	3		
27	94488	MOUNT, INVERTER; 30 RIGHT	1		
28	94489	MOUNT, INVERTER; 30 LEFT	1		
29	128005	BRACKET, IDLER W/INVERTER	1		
30	128137	SHIELD, LFT VINE DEFLECTOR	1	4	
31	128138	SHIELD, RT VINE DEFLECTOR	1	4	
32	128150	SHIELD, V INVERTER MT, RT	1		
33	128151	SHIELD, RT INVERTER DOOR	1		
34	128177	COVER, INV SHIELD; AL	1		
35	128264	SHIELD, V INV DRIVE; 30	3		
36	128345	SHIELD, U-JOINT; OUTER LEFT	1		
37	128346	SHIELD, U-JOINT, OUTER RIGHT	1		
38	128347	SHIELD, U-JOINT; INNER RIGHT	3		
39	128348	SHIELD, U-JOINT; INNER LEFT	3		
40	140509	HOSE, INVERTER ROD COVER	1	APPROX 120	APPROX. 4' REQ'D/INVERTER ROD
41	11377A	YOKE, 1-3/16 BORE X 3.25 LENGTH	8		-- SEE NOTE 1 --
42	11377B	SPIDER, 1-1/4 X 3-7/32 OA	8		-- SEE NOTE 1 --
43	11377C	YOKE, 4-3/8 FLANGE	8		-- SEE NOTE 1 --
44	G131015	WASHER, 5/8 USS FLAT	8	A/R	
45	G139454	SETSCREW, 7/16-14 X 1 LG.;SQ. HEAD	8	24	
46	G271509	NUT, 7/16-14 USS JAM	8	24	
47	S128152	FENDER,RIGHT	1	4	
48	S128153	FENDER; LEFT	1	4	
49	S94458	ASSEMBLY,"V" TUBE ROTOR;30"	8		

-- NOTE 1 --		
---	COMPLETE UNIT = 11377	IN ROTOR ASSEMBLIES


NOTE: DRILL 1/8" PILOT HOLES.
ATTACH (1) G144858 AT EACH DISC SKIPPING ONE POINT
WHEN MOVING TO NEXT DISC. (SEE ILLUSTRATION)

SOLID "V" INVERTER ROTOR; 30"

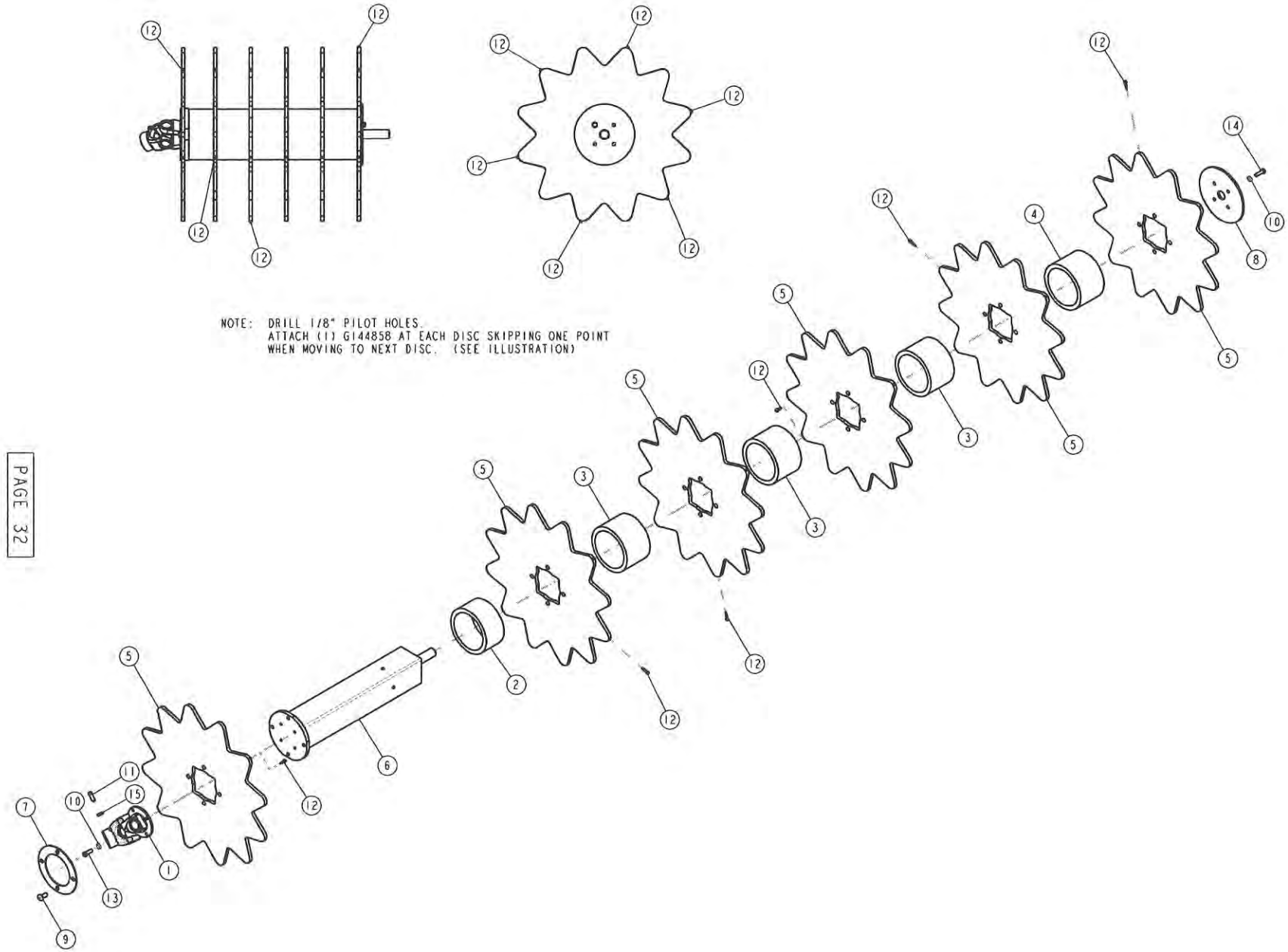
ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	11377	U-JOINT, 1-3/14 4 BOLT FLANGE	1		
2	20751	SPACER, 3.5/8; INVERTER ROTOR	3		
3	20940	SPACER, 3-29/32; INVERTER ROTOR	1		
4	80498	DISC, URETHANE; 23.1/2" DIA.	5		
5	94458	ROTOR, "V" TUBE INVERTER; 30"	1		
6	128303	PLATE, ROTOR FLANGE	1		
7	128304	CAP, INVERTOR ROTOR	1		
8	G102924	SCREW, 1/2-13 X 1 BUTTON SOCKET CAP	4		
9	G120382	LOCKWASHER, 3/8	8		
10	G144858	SCREW, 814 X 1 ZINC PLATED HEX WASHER HEAD SELF-DRILLING	5		
11	G180122	SCREW, 3/8-16X1 USS CAP	4		
12	G180124	SCREW, 3/8-16 X 1-1/4 USS CAP	4		


DIRECTION
OF
TRAVEL

8-ROW 36" & 40" TWIN V INVERTER KIT

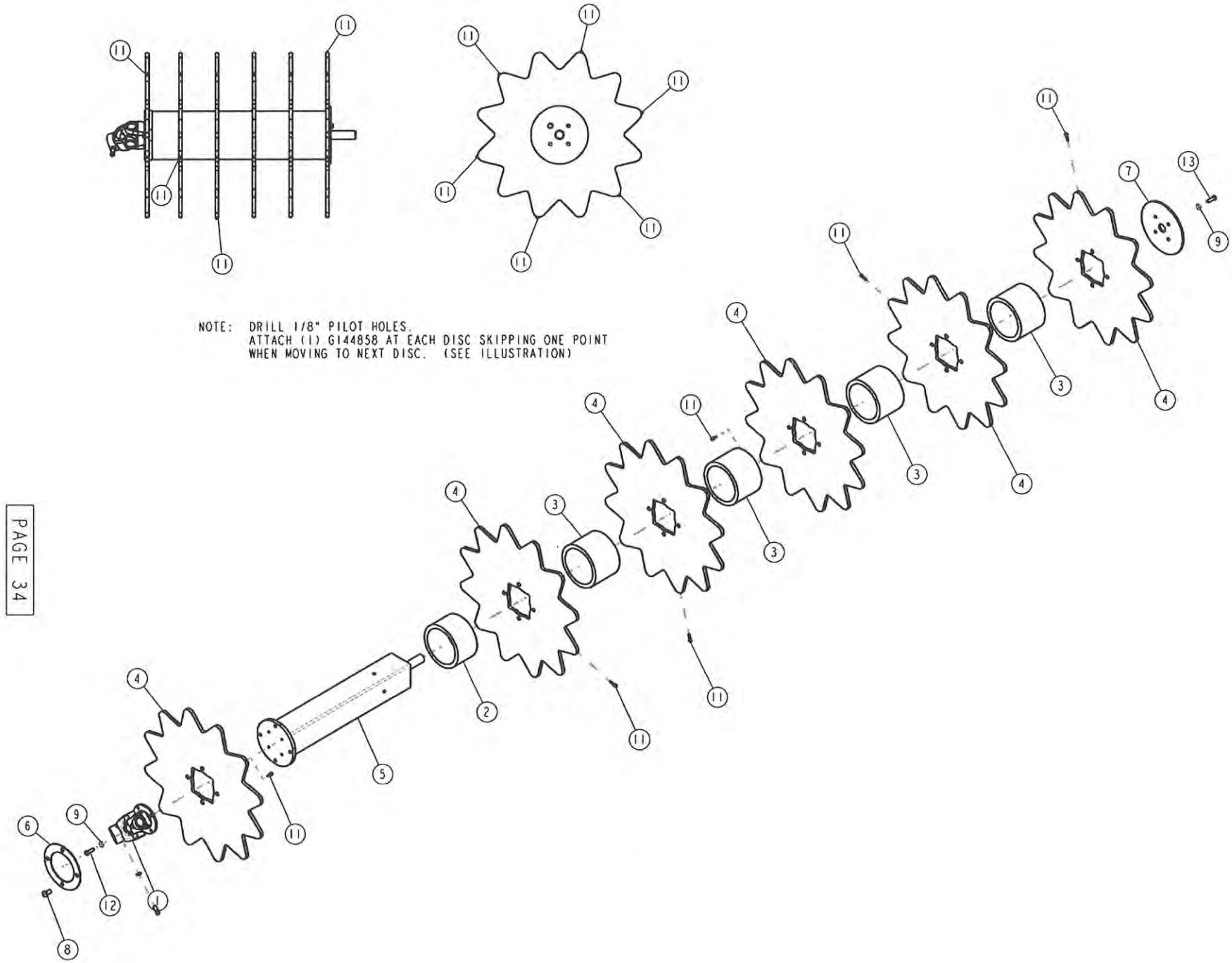
ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	2020	NUT, 5/8-11,2X1-3/4 IDLER ADJ	2	4	
2	3093	FLANGETTE, 62MS FOR 1.3/16 BEARING	36		
3	3096	INSERT, 1.3/16 REPLACEMENT BEARING	18		
4	4043-85	CHAIN, NO.60, 83 PITS + CONN + OFFSET	1	5	
5	5122	IDLER, NO.60 CHAIN SPROCKET	3	5	
6	10950	SHAFT, V INVERTER CENTER	3		NOTE 1
7	10951	SHAFT, INVERTER OUTER RIGHT	1		
8	10952	SHAFT, INVERTER OUTER LEFT	1		
9	20592	STANDOFF, 5/8 BORE X 1-1/2 LONG	1		
10	20829	SPACER, 1.1/2 OD X .671 ID X .50LG	2		
11	51002	SPROCKET, 60B36 F1-3/16	5		
12	51079	SPROCKET, 60B24 F1-7/16; 2 SETSCREWS	1		
13	61949	ROD, INVERTER; #2 RIGHT "V"	4		
14	61950	ROD, INVERTER; #2 LEFT "V"	4		
15	61951	ROD, INVERTER; #3 RIGHT "V"	4		
16	61952	ROD, INVERTER; #3 LEFT "V"	4		
17	61953	ROD, INVERTER; #4 RIGHT "V"	4		
18	61954	ROD, INVERTER; #4 LEFT "V"	4		
19	61955	ROD, INVERTER; #5 RIGHT "V"	4		
20	61956	ROD, INVERTER; #5 LEFT "V"	4		
21	61957	ROD, INVERTER; #6 RIGHT "V"	4		
22	61958	ROD, INVERTER; #6 LEFT "V"	4		
23	62037	ROD, #1 INVERTER; LEFT "V"	4		
24	62038	ROD, #1 INVERTER; RIGHT "V"	4		
25	62099	ROD, INNER; RIGHT W/SHIELD	4		
26	62100	ROD, INNER; LEFT W/SHIELD	4		
27	94481	MOUNT, INVERTER ROD; V-36	3		NOTE 3
28	94484	MOUNT, INVERTER; 36 RIGHT	1		NOTE 4
29	94485	MOUNT, INVERTER; 36 LEFT	1		NOTE 5
30	128005	BRACKET, IDLER W/INVERTER	1		
31	128137	SHIELD, LFT VINE DEFLECTOR	2	4	
32	128138	SHIELD, RT VINE DEFLECTOR	2	4	
33	128139	SHIELD, U-JOINT; OUTER LEFT	1		
34	128140	SHIELD, U-JOINT, OUTER RIGHT	1		
35	128150	SHIELD, V INVERTER MT, RT	1		
36	128151	SHIELD, RT INVERTER DOOR	1		
37	128168	SHIELD, U-JOINT; INNER LEFT	3		
38	128169	SHIELD, U-JOINT; INNER RIGHT	3		
39	128170	SHIELD, INVERTER DRIVE; MIDDLE	3		NOTE 2
40	128177	COVER, INV SHIELD; AL	1		
41	140509	HOSE, INVERTER ROD COVER	1	APPROX 120'	APPROX. 4' REQ'D/INVERTER ROD
42	11377A	YOKE, 1-3/16 BORE X 3.25 LENGTH	8		
43	11377B	SPIDER, 1-1/4 X 3-7/32 OA	8		
44	11377C	YOKE, 4-3/8 FLANGE	8		
45	G131015	WASHER, 5/8 USS FLAT	5	A/R	
46	G139454	SETSCREW, 7/16-14 X 1 LG.;SQ. HEAD	20	24	
47	G271509	NUT, 7/16-14 USS JAM	20	24	
48	S128152	FENDER,RIGHT	2	4	
49	S128153	FENDER; LEFT	2	4	
50	S94455	ASSEMBLY, SOLID "V" INV. ROTOR; 36"	8		NOTE 6

NOTE 1			
10963	SHAFT,40" V INVERTER; CENTER	3	AD1-840
NOTE 2			
128184	SHIELD, INV. DRIVE; MIDDLE 40"	3	AD1-840
NOTE 3			
94486	MOUNT, INVERTER; RIGHT	1	AD1-840
NOTE 4			
94487	MOUNT, INVERTER; LEFT	1	AD1-840
NOTE 5			
94490	MOUNT, INVERTER; 40 V	3	AD1-840
NOTE 6			
S94454	ASSEMBLY, SOLID "V" INV. ROTOR; 38"	8	AD1-840


NOTE: DRILL 1/8" PILOT HOLES.
ATTACH (1) G144858 AT EACH DISC SKIPPING ONE POINT
WHEN MOVING TO NEXT DISC. (SEE ILLUSTRATION)

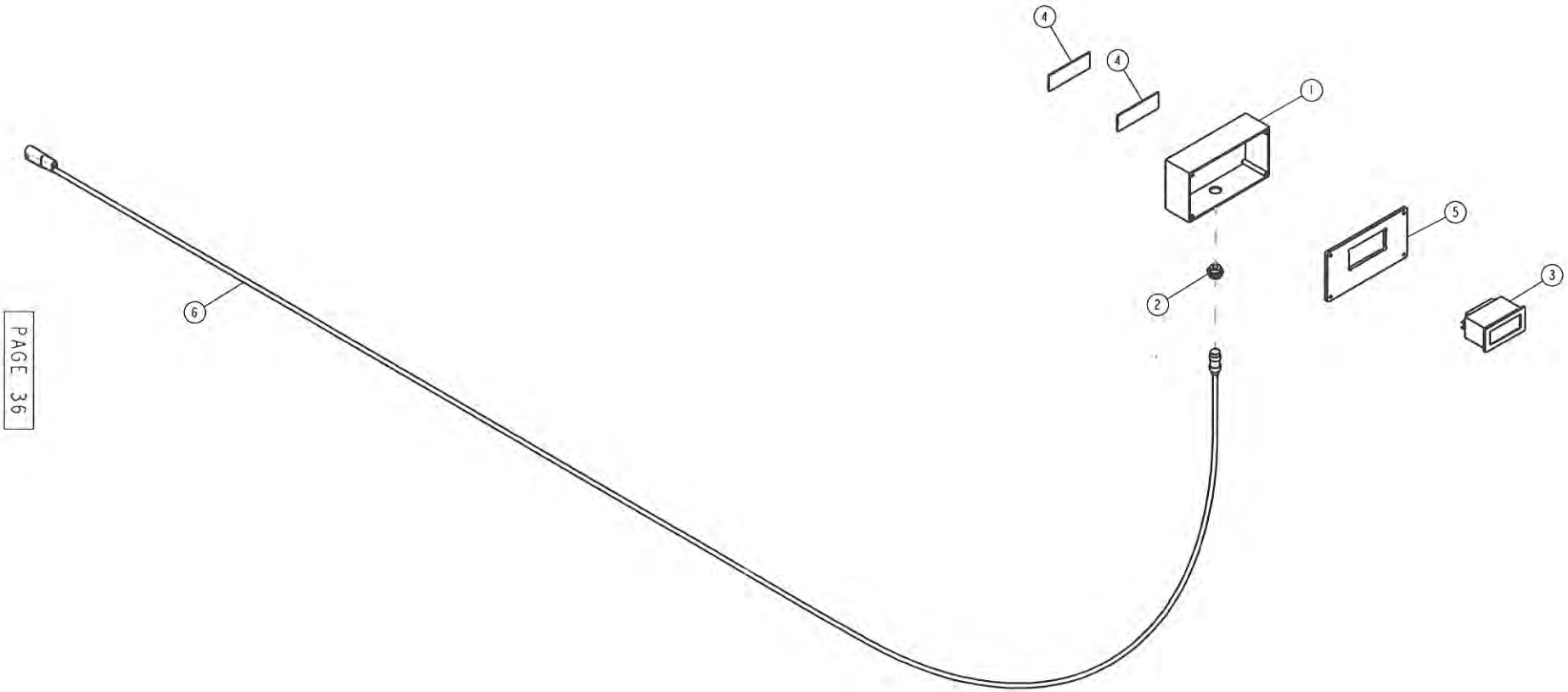
SOLID "V" INVERTER ROTOR; 36"

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	11377	U-JOINT, 1-3/14 4 BOLT FLANGE	1		
2	20937	SPACER, 3-17/64; INVERTER ROTOR	1		
3	20938	SPACER, 4-9/32; INVERTER ROTOR	3		
4	20939	SPACER, 4-11/32; INVERTER ROTOR	1		
5	80498	DISC, URETHANE; 23.1/2" DIA.	6		
6	94455	ROTOR, "V" TUBE INVERTER; 36"	1		
7	128303	PLATE, ROTOR FLANGE	1		
8	128304	CAP, INVERTOR ROTOR	1		
9	G102924	SCREW, 1/2-13 X 1 BUTTON SOCKET CAP	4		
10	G120382	LOCKWASHER, 3/8	8		
11	G139454	SETSCREW, 7/16-14 X 1 LG.;SQ. HEAD	1		
12	G144858	SCREW, #14 X 1 ZINC PLATED HEX WASHER HEAD SELF-DRILLING	6		
13	G180122	SCREW, 3/8-16X1 USS CAP	4		
14	G180124	SCREW, 3/8-16 X 1-1/4 USS CAP	4		
15	G271509	NUT, 7/16-14 USS JAM	1		


NOTE: DRILL 1/8" PILOT HOLES.
ATTACH (1) G144858 AT EACH DISC SKIPPING ONE POINT
WHEN MOVING TO NEXT DISC. (SEE ILLUSTRATION)

SOLID "V" INVERTER ROTOR; 38"/40"

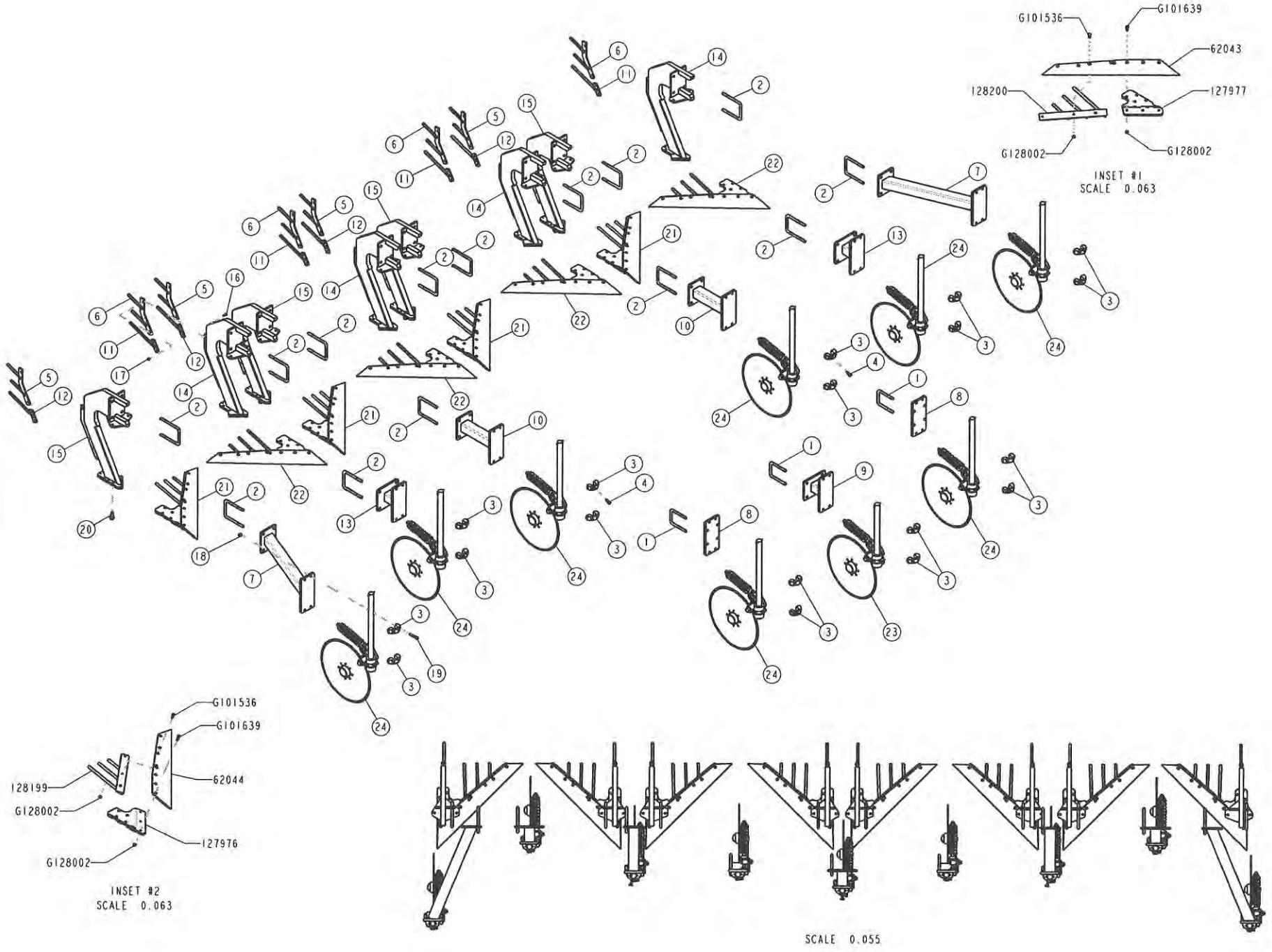
ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	11377	U-JOINT, 1-3/14 4 BOLT FLANGE	1		
2	20935	SPACER, 3-23/32; INVERTER ROTOR	1		
3	20936	SPACER, 4-21/32; INVERTER ROTOR	4		
4	80498	DISC, URETHANE; 23.1/2" DIA.	6		
5	94454	ROTOR, "V" TUBE INVERTER; 38"	1		
6	128303	PLATE, ROTOR FLANGE	1		
7	128304	CAP, INVERTOR ROTOR	1		
8	G102924	SCREW, 1/2-13 X 1 BUTTON SOCKET CAP	4		
9	G120382	LOCKWASHER, 3/8	8		
10	G139454	SETSCREW, 7/16-14 X 1 LG.;SQ. HEAD	1		
11	G144858	SCREW, #14 X 1 ZINC PLATED HEX WASHER HEAD SELF-DRILLING	6		
12	G180122	SCREW, 3/8-16X1 USS CAP	4		
13	G180124	SCREW, 3/8-16 X 1-1/4 USS CAP	4		
14	G271509	NUT, 7/16-14 USS JAM	1		


4
4
1
5
3
2
6

S15465-1 SPEED INDICATOR

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	15465	BOX, PLASTIC JUNCTION W/1 HOLE	1		
2	15468	SOCKET, 4 PIN CHASSIS MOUNT	1		
3	16395	TACHOMETER, OEMAK001	1		
4	80408	VELCRO, HOOK & LOOP, 1" WIDE	1		
5	15464C	COVER, PLASTIC JUNCTION BOX; W/HOLE	1		
6	S15569-24	CABLE, SPEED INDICATOR; 24 FT.	1		

Note: Speed Indicator Cable Not Included in S15465-1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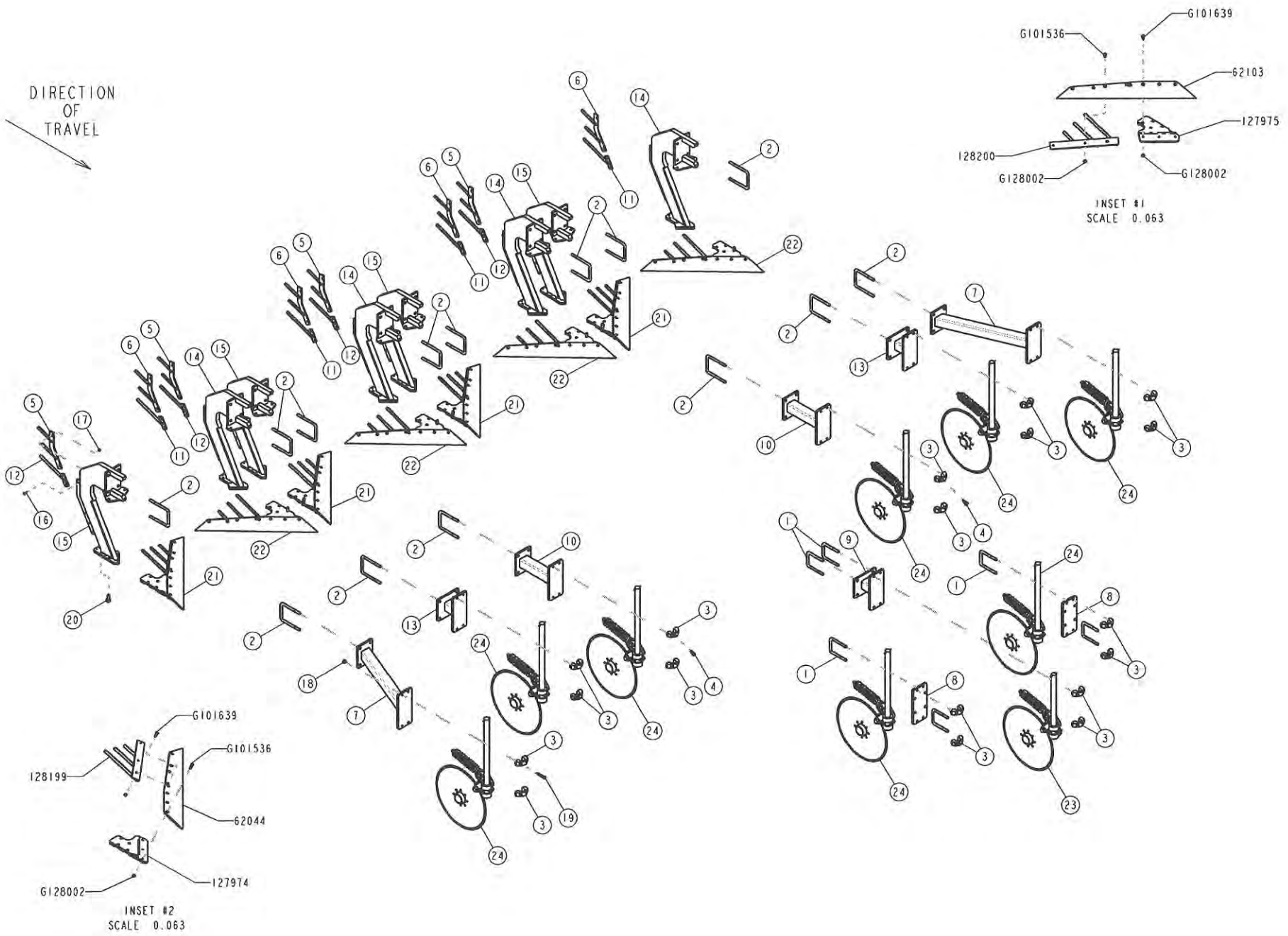
G101639
62043
128200
127977
G128002
G128002
INSET #1
SCALE 0.063
G101536
G101639
62044
128199
G128002
127976
G128002
INSET #2
SCALE 0.063
SCALE 0.055

830, 45/18 PLOW/COULTER KIT

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	61948	U-BOLT, 5/8-18 X 4.063 X 5.75; W/NUTS	5	6	
2	61979	U-BOLT, 5/8-18 X 5-1/16 X 7; W/NUTS	28		
3	80500	CLAMP, COULTER, 1.1/2	18		
4	80501	SETSCREW, 1/2-13X1-1/2 SQ HEAD	4	18	
5	93692	MOUNT, GUIDE ROD; LEFT	4		
6	93693	MOUNT, GUIDE ROD; RIGHT	4		
7	94226	MOUNT, ANGLED COULTER	2		
8	94233	MOUNT, YETTER COULTER	2		
9	94237	MOUNT, COULTER; 5-1/4 LG.	1		
10	94238	MOUNT, COULTER; 12.5" EXT	2		
11	94348	ROD, 3RD; LEFT	4		
12	94349	ROD, 3RD; RIGHT	4		
13	94500	MOUNT, COULTER;5.25 LG, 5" TUBE	2		
14	127920	SHANK, LEFT DIGGER; 45	4		
15	127921	SHANK, RIGHT DIGGER; 45	4		
16	G126358	BOLT, 5/16-18 X 1 CARRIAGE; GRADE 5	8	32	
17	G128001	NUT, 5/16-18 SERRATED FLANGE	8	32	
18	G128004	NUT, 1/2-13 SERRATED FLANGE	4	36	
19	G180188	SCREW, 1/2-13 X 2-3/4 USS CAP	4	36	
20	G451802-8	BOLT, 5/8-11 X 1.3/4 LG. FLANGE	8	32	
21	S127976-830	ASSEMBLY, PLOW; 830 45/18 RT	4		INSET #2
22	S127977-830	ASSEMBLY, PLOW; 830; 45/18 LFT	4		INSET #1
23	S80499	ASSEMBLY, 22 LG COULTER SHANK	1		
24	S94230	ASSEMBLY, 27.1/8 LG COULTER SHANK	8		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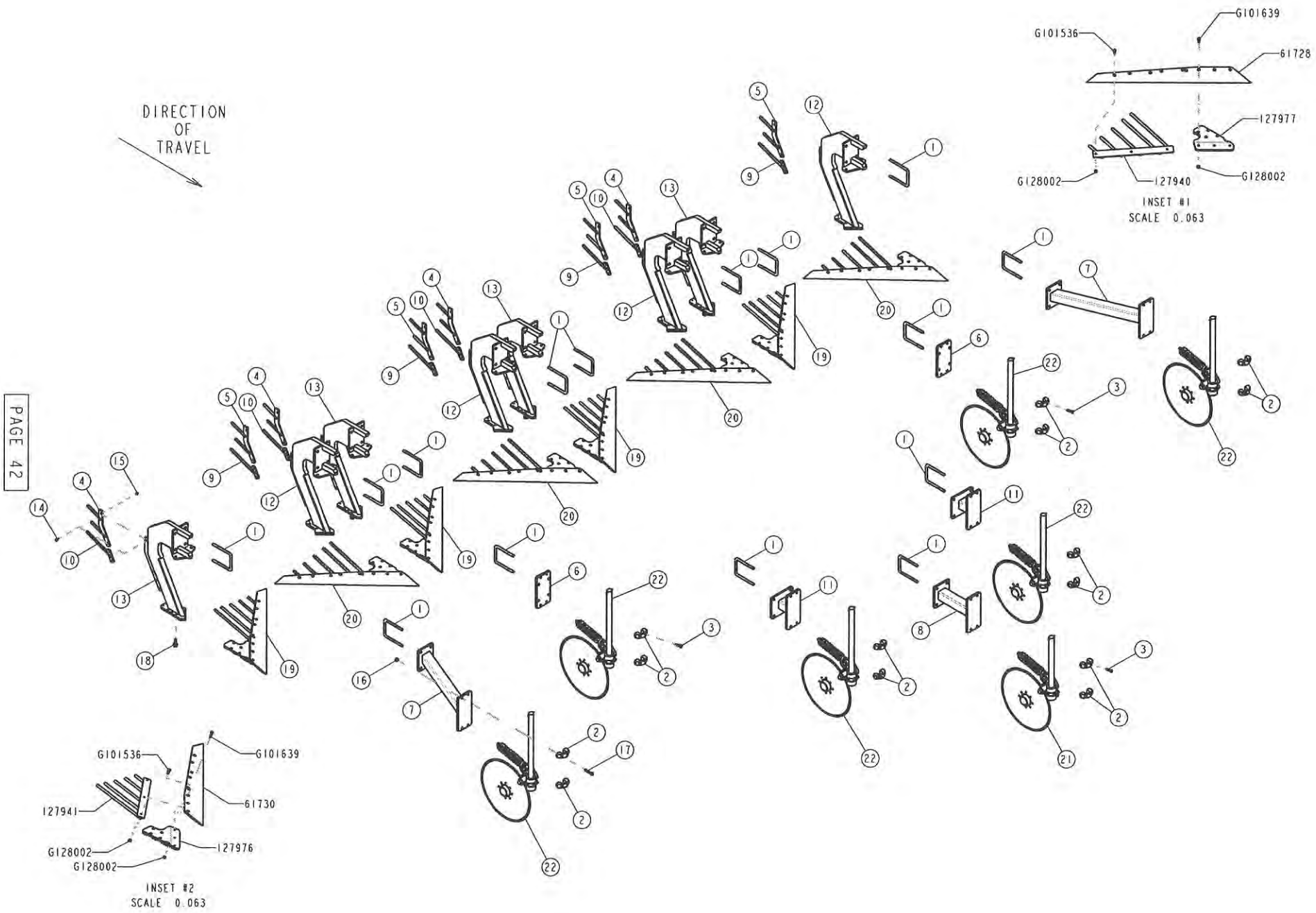
OF
TRAVEL
G101639
G101536
62103
127975
128200
G128002
G128002
INSET #1
SCALE 0.063
G101639
128199
G101536
62044
127974
G128002
INSET #2
SCALE 0.063

830, 45/23 PLOW/COULTER KIT

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	61948	U-BOLT, 5/8-18 X 4.063 X 5.75; W/NUTS	6		
2	61979	U-BOLT, 5/8-18 X 5-1/16 X 7; W/NUTS	28		
3	80500	CLAMP, COULTER, 1.1/2	18		
4	80501	SETSCREW,1/2-13X1-1/2 SQ HEAD	4	18	
5	93692	MOUNT, GUIDE ROD; LEFT	4		
6	93693	MOUNT, GUIDE ROD; RIGHT	4		
7	94226	MOUNT, ANGLED COULTER	2		
8	94233	MOUNT, YETTER COULTER	2		
9	94237	MOUNT, COULTER; 5-1/4 LG.	1		
10	94238	MOUNT, COULTER; 12.5" EXT	2		
11	94348	ROD, 3RD; LEFT	4		
12	94349	ROD, 3RD; RIGHT	4		
13	94500	MOUNT, COULTER;5.25 LG, 5" TUBE	2		
14	127920	SHANK, LEFT DIGGER; 45	4		
15	127921	SHANK, RIGHT DIGGER; 45	4		
16	G126358	BOLT, 5/16-18 X 1 CARRIAGE; GRADE 5	8	32	
17	G128001	NUT, 5/16-18 SERRATED FLANGE	8	32	
18	G128004	NUT, 1/2-13 SERRATED FLANGE	4	36	
19	G180188	SCREW, 1/2-13 X 2-3/4 USS CAP	4	36	
20	G451802-8	BOLT, 5/8-11 X 1.3/4 LG. FLANGE	8	32	
21	S127974-830	ASSEMBLY, PLOW; RT 45/23, 830	4		INSET #2
22	S127975-830	ASSEMBLY, PLOW; LFT 45/23 830	4		INSET #1
23	S80499	ASSEMBLY, 22 LG COULTER SHANK	1		
24	S94230	ASSEMBLY, 27.1/8 LG COULTER SHANK	8		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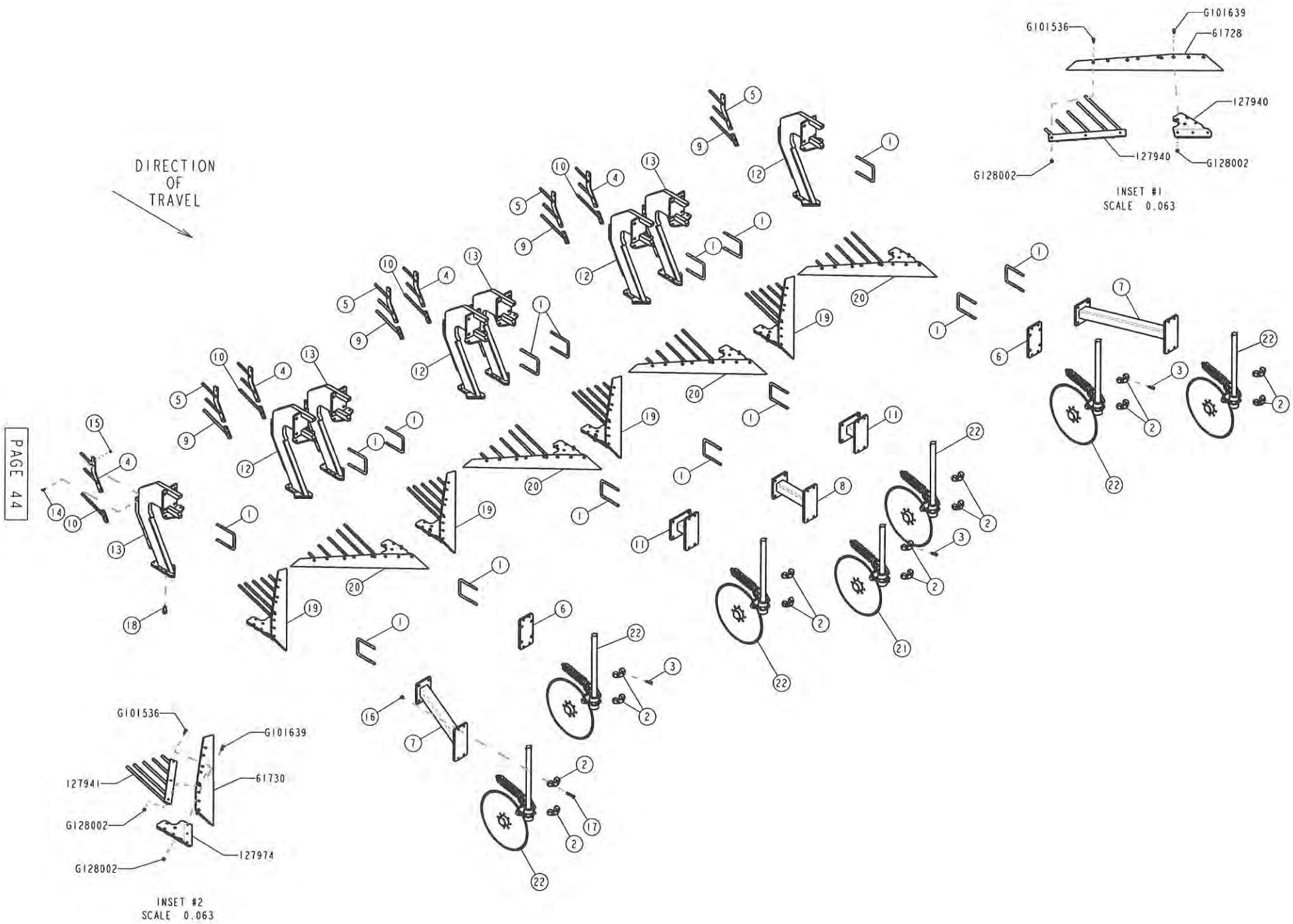
G101536
61728
127977
127940
G128002
G128002
INSET #1
SCALE 0.063
G101536
G101639
61730
127941
127976
G128002
G128002
INSET #2
SCALE 0.063

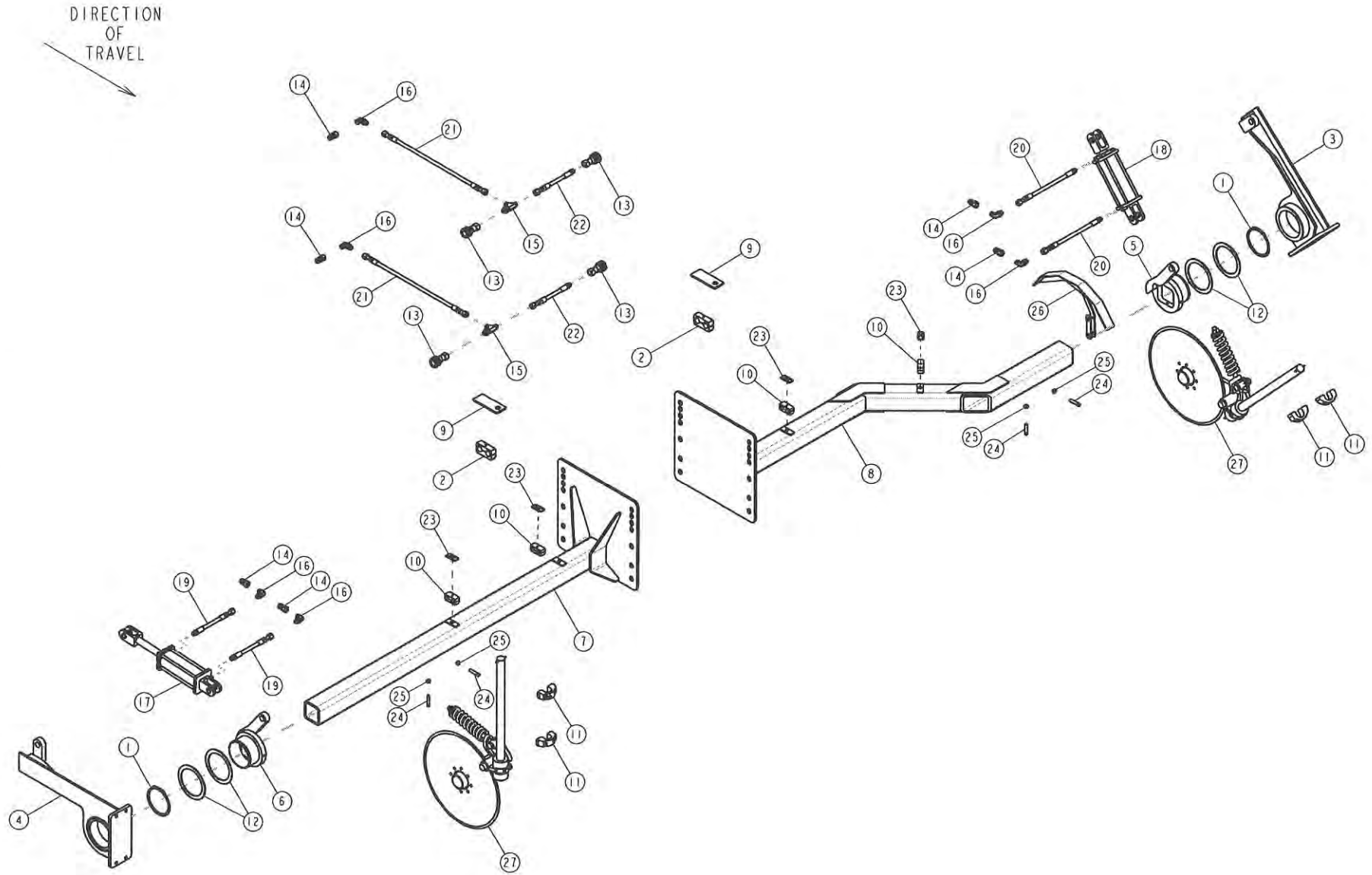
836 & 840, 45/18 PLOW/COULTER KIT

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	61979	U-BOLT, 5/8-18 X 5-1/16 X 7; W/NUTS	15	30	
2	80500	CLAMP, COULTER, 1.1/2	14	18	
3	80501	SETSCREW,1/2-13X1-1/2 SQ HEAD	5	18	
4	93692	MOUNT, GUIDE ROD; LEFT	4		
5	93693	MOUNT, GUIDE ROD; RIGHT	4		
6	94002	MOUNT, YETTER COULTER	2		
7	94226	MOUNT, ANGLED COULTER	2		
8	94238	MOUNT, COULTER; 12.5" EXT	1		
9	94348	ROD, 3RD; LEFT	4		
10	94349	ROD, 3RD; RIGHT	4		
11	94500	MOUNT, COULTER;5.25 LG, 5" TUBE	2		
12	127920	SHANK, LEFT DIGGER; 45	4		
13	127921	SHANK, RIGHT DIGGER; 45	4		
14	G126358	BOLT, 5/16-18 X 1 CARRIAGE; GRADE 5	8	32	
15	G128001	NUT, 5/16-18 SERRATED FLANGE	8	32	
16	G128004	NUT, 1/2-13 SERRATED FLANGE	4	36	
17	G180188	SCREW, 1/2-13 X 2-3/4 USS CAP	4	36	
18	G451802-8	BOLT, 5/8-11 X 1.3/4 LG. FLANGE	8	32	
19	S127976	ASSEMBLY, PLOW;RIGHT 45/18	4		INSET #2
20	S127977	ASSEMBLY, PLOW; LEFT 45/18 DEG.	4		INSET #1
21	S80499	ASSEMBLY, 22 LG COULTER SHANK	1		
22	S94230	ASSEMBLY, 27.1/8 LG COULTER SHANK	6		


DIRECTION OF TRAVEL
G101536
G101639
61728
127940
127940
G128002
G128002
INSET #1
SCALE 0.063
G101536
G101639
127941
61730
G128002
127974
G128002
INSET #2
SCALE 0.063

836 & 840 45/23 PLOW/COULTER KIT

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	61979	U-BOLT, 5/8-18 X 5-1/16 X 7; W/NUTS	15	30	
2	80500	CLAMP, COULTER, 1.1/2	14	18	
3	80501	SETSCREW,1/2-13X1-1/2 SQ HEAD	5	18	
4	93692	MOUNT, GUIDE ROD; LEFT	4		
5	93693	MOUNT, GUIDE ROD; RIGHT	4		
6	94002	MOUNT, YETTER COULTER	2		
7	94226	MOUNT, ANGLED COULTER	2		
8	94238	MOUNT, COULTER; 12.5" EXT	1		
9	94348	ROD, 3RD; LEFT	4		
10	94349	ROD, 3RD; RIGHT	4		
11	94500	MOUNT, COULTER;5.25 LG, 5" TUBE	2		
12	127920	SHANK, LEFT DIGGER; 45	4		
13	127921	SHANK, RIGHT DIGGER; 45	4		
14	G126358	BOLT, 5/16-18 X 1 CARRIAGE; GRADE 5	8	32	
15	G128001	NUT, 5/16-18 SERRATED FLANGE	8	32	
16	G128004	NUT, 1/2-13 SERRATED FLANGE	4	36	
17	G180188	SCREW, 1/2-13 X 2-3/4 USS CAP	4	36	
18	G451802-8	BOLT, 5/8-11 X 1.3/4 LG. FLANGE	8	32	
19	S127974	ASSEMBLY, PLOW; RIGHT 45/23DEG	4		INSET #2
20	S127975	ASSEMBLY, PLOW; LEFT 45/23DEG	4		INSET #1
21	S80499	ASSEMBLY, 22 LG COULTER SHANK	1		
22	S94230	ASSEMBLY, 27.1/8 LG COULTER SHANK	6		


DIRECTION
OF
TRAVEL

BELLY MOUNTED COULTER KIT

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	2282	RING, EXT. RETAINING; 3100-550	2		
2	20289	CLAMP, DUAL 1.3/16 OD HOSE; S/S	2		
3	62107	FRAME, BELLY MT; LFT	1		
4	62108	FRAME, BELLY MT; RT	1		
5	62111	PIVOT, BELLY COULTER; LFT	1		
6	62112	PIVOT, BELLY COULTER; RT	1		
7	62117	MOUNT, MID-TRACTOR COULTER	1		
8	62118	MOUNT, MID-TRACTOR COULTER; LFT	1		
9	62121	PLATE, HOSE ROUTING	2		
10	80144	CLAMP, DUAL TUBE; 3/4" OD (2 HALVES)	4		
11	80500	CLAMP, COULTER, 1.1/2	4		
12	121103	WASHER, THRUST	4		
13	140340	HYDF, 12 ORB F -3/4 QD F	4		
14	140341	COUPLER,8 ORBF-1/2 QDM	6		
15	140488	HYDF, -8 ORB X 8 ORF M RUN TEE	2		
16	140701	HYDF, ELBOW -8 ORB -8 ORFS	6		
17	140722	CYLINDER,10X3X1.25HYDRAULIC	1		
18	140722	CYLINDER,10X3X1.25HYDRAULIC	1		
19	140723	HOE ASM 3/8 X 88	2		
20	140724	HOSE ASM 3/8 X 80	2		
21	140727	HOSE ASM 3/8 X 121	2		
22	140728	HOSE ASM 3/8 X 12-3/4	2		
23	80167A	CAP, DUAL WELD TUBING; 7/8 DIA.	4		
24	G110454	SETSCREW, 1/2-13 X 2 SQ. HEAD	4		
25	G120238	NUT, 1/2 USS JAM	4		
26	S62119	SHIELD, BELLY COULTER	1		
27	S94230	ASSEMBLY, 27.1/8 LG COULTER SHANK	2		

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S61982-1 DUAL COULTER ASSEMBLY

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	2015	ROLL PIN, 1/4 X 1-3/4	2		
2	2246	FITTING, GREASE;1/4-28 X 1/2 LG	2		
3	61982	DUAL COULTER ASM	1		
4	61983	ARM, LT INDEPENDENT COULTER	1		
5	61984	ARM, RT INDEPENDENT COULTER	1		
6	80501	SETSCREW,1/2-13X1-1/2 SQ HEAD	2		
7	128087	WASHER, 1-1/4 ID X 1-3/4 OD	2		
8	80464A	DISC, COULTER	2		
9	80464B	HUB, COULTER	2		
10	80464D	WASHER, COULTER	4		
11	80464E	ROD, COULTER	2		
12	80464F	SPRING, #33 COMPRESSION	2		
13	80464G	NUT, 5/8-18 SLOTTED HEX	2		
14	80464H	WASHER, 5/8	2		
15	80464J	CONE, LM67048	4		
16	80464K	CAP, HUB	2		
17	80464L	SEAL, CR16069	2		
18	G120916	BOLT,1/2-13 X 1-1/4 LG. CARRIAGE	1	8	
19	G131017	WASHER, 3/4 SAE FLAT	4		
20	G220086	NUT, 3/4-10 USS	6		
21	G271775	SCREW, 3/4-10 X 3 USS CAP	2		

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SINGLE COULTER ASSEMBLY

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	80464A	DISC, COULTER	1		
2	80464B	HUB, COULTER	1		
3	80464C	PIVOT, COULTER	1		
4	80464D	WASHER, COULTER	1		
5	80464E	ROD, COULTER	1		
6	80464F	SPRING, #33 COMPRESSION	1		
7	80464G	NUT, 5/8-18 SLOTTED HEX	1		
8	80464H	WASHER, 5/8	1		
9	80464J	CONE, LM67048	2		
10	80464K	CAP, HUB	1		
11	80464L	SEAL, CR16069	1		
12	80464O	ASSEMBLY, COULTER MOUNT	1		
13	G220086	NUT, 3/4-10 USS	3		
14	G271775	SCREW, 3/4-10 X 3 USS CAP	1		

⚠ WARNING

Do Not Operate unless all Safety Shields & Guards are in place.

8547

1

⚠ DANGER

While in Operation, Do Not Climb on this machine. Do Not Place Hands behind Shields.

8182

2

Remember

⚠ SAFETY ⚠

Read Operators Manual Before Starting

8189

3

⚠ CAUTION

Do Not Operate this machine until you have read and understand the operators manual. If you do not have a copy of the operators manual contact your dealer or our factory Immediately.

Amadas Industries
1100 Holland Rd./Suffolk, VA 23434
757-539-0231
Or
1701 S. Slappey Blvd./Albany, GA31701
229-439-2217

8191

4

⚠ CAUTION

1) Keep all shields in place while machinery is in operation.
2) Disengage power before proceeding to adjust, lubricate, clean, unclog, or otherwise work on the machine unless specifically recommended in the operators manual.
3) Wait for all motion to stop before servicing this machine.
4) Keep hands, feet, and clothing away from moving parts.
5) Keep off equipment unless seat or platform for operator is provided.
6) Keep all other persons off
7) Make certain everyone is clear of machinery before engine or operation.

8190

5

ADI-830 DECAL SECTION

ITEM	PART NUMBER	DESCRIPTION	QTY SHOWN	QTY REQ'D	COMMENTS
1	8547	DECAL, WARNING: DO NOT OPERATE...SHIELDS	1	4	
2	8182	DECAL, "DANGER" DO NOT CLIMB	1	2	
3	8189	DECAL, !SAFETY! READ OP. MANUAL	1	2	
4	8191	DECAL, CAUTION: READ OPERATOR'S MANUAL	1		
5	8190	DECAL, "CAUTION" (LIST)	1	2	
		THE FOLLOWING DECALS ARE USED BUT ARE NOT SHOWN			
	80619	DECAL, ADI-8 YIELDSAVER; WHITE/RED		2	
	80468	DECAL, "AMADAS"; 3" X 26.5"; WHITE		2	
	80471	DECAL, 47" FLAG		2	
	80473	DECAL, 26" AMADAS W/FLAG		6	
	80595	DECAL, INVERTER ROD SET-UP; 30" "V"		1	ADI-830
	80548	DECAL, INVERTER ROD SET-UP "V"		1	ADI-836 & -840

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ONE-YEAR LIMITED WARRANTY
For AMADAS INDUSTRIES DIGGER / INVERTERS

A. General Provisions

The Warranties described below are provided by AMADAS INDUSTRIES ("AMADAS") through its authorized dealers to the original purchaser of each new AMADAS Digger / Inverter. AMADAS will repair or replace, at its option, any part covered under warranty which is found to be defective in material or workmanship during the applicable period of warranty. This warranty is applicable only to the cost of the part replaced or repaired and does not cover labor costs involved in installing the replaced or repaired defective part.

B. What is Warranted?

All parts of any new AMADAS Digger / Inverter are warranted for 12 months. The warranty period will begin when the Digger / Inverter is delivered to the purchaser. AMADAS will repair or replace, at its option, any new part or component under the above warranty, if a defect in material or workmanship appears in such part or component and is reported to AMADAS before the expiration of the applicable equipment warranty.

Used equipment is not warranted by AMADAS unless it is specifically covered by a separate warranty document. The above warranties cover only defective material and workmanship. The warranties do not cover any depreciation or failure caused by normal wear, lack of proper maintenance or use, misuse, lack of proper protection during storage, or accident. The purchaser shall pay all costs of routine maintenance and/or replacement of maintenance and wear items.

C. Unapproved Service or Modification

All Obligations of AMADAS under this warranty are terminated if the Digger / Inverter is modified or altered in ways not approved by AMADAS.

D. Securing Warranty Service

To secure warranty service, the purchaser must (1) report the product defect and request repair within the applicable warranty period, (2) present evidence of the date of delivery of the Digger / Inverter, and (3) make the Digger / Inverter available to an AMADAS authorized dealer within a reasonable period of time.

E. No Dealer Warranty

The selling dealer makes no warranty of his own on any item warranted by AMADAS, and makes no warranty on other items. The dealer has no authority to make any representation or promise on behalf of AMADAS, or to modify the terms or limitations of this warranty in any way.

F. What are your Responsibilities?

a. Read the operator's manual before operating the equipment.
b. Perform all necessary maintenance as described in the operator's manual.
c. Deliver the machine to an AMADAS authorized dealer at your expense during normal working hours for any needed warranty services.
d. Contact an AMADAS authorized dealer promptly on any claim for warranty service.
e. Sign the AMADAS machinery delivery form, which will be given to you by the dealer.

G. Disclaimer

There are no warranties that extend beyond the description here. **ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE ARE SPECIFICALLY DISCLAIMED AS ARE ALL OTHER REPRESENTATIONS TO THE PURCHASER.** AMADAS specifically excludes any liability on behalf of the company for any incidental or consequential damages including, but not limited to, crop loss, loss of profits, rental of substitute equipment, or other commercial losses. AMADAS shall not be responsible for expenses or inconveniences that you might incur or experience with respect to the AMADAS Digger / Inverter nor shall AMADAS be liable for defects, damage, or failures caused by improper storage, unreasonable use, or abuse, or accident, including the failure to provide reasonable and specified maintenance. This warranty applies only to the original purchaser of the equipment. Because some states do not allow the exclusion of limitations of incidental or consequential damages, the above limitation may not apply to you. This warranty gives you specific legal rights. You may also have other rights, which vary from state to state. Where there is a conflict between a provision of this warranty and the provision of any state, the state legislation prevails.

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