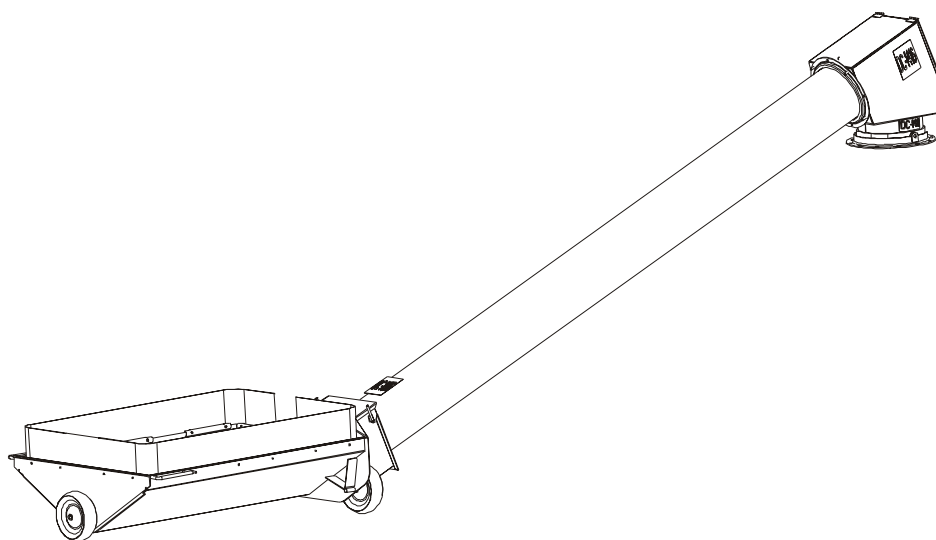


Sales Information Package

8", 10", & 12" BE-SAW
Unload Auger



NOTE

The manufacturer reserves the right to improve its product whenever possible and practical to do so. We reserve the right to change, improve, and modify products at any time without obligation to make changes, improvements and modifications on equipment sold previously.

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Selling Instructions

1. Select BESAW part number from catalog sheet or numbering system sheet.
2. Select the motor, if required, from the catalog sheet. (Motor/Sheave Selection Sheet.)
3. Select the motor sheave, if required, from the catalog sheet - may require special sheave if other than standard motor is used. Caution, check bore diameter for use on non-standard motors. Also, sheave may require bushing (See Motor/Sheave Selection Sheet.)
4. Select the transition piece if going on a GSI Bucket Elevator - The transition piece must match both the BESAW size and the Bucket Elevator size. (See Transition Selection Sheet.)

BESAW NUMBERING SYSTEM

SA	XX	X	XX	XX	X
Product Line	Diameter of Screw	Hopper Profile	Nominal Length of Tube	Capacity of BESAW	Hopper Flight Thickness
	Choice	Choice	Choice	Choice	Choice
SA	08 = 8" Screw	S = Std Profile	10 = 115.875" 12 = 144" lg	15 = 1500 BPH 20 = 2000 BPH 25 = 2500 BPH 30 = 3000 BPH	A = Standard B = 1/4" Thick
SA	10 = 10" Screw	S = Std Profile	10 = 120" lg 13 = 153" lg 14 = 160" lg	40 = 4000 BPH 50 = 5000 BPH 56 = 5600 BPH	A = Standard B = 1/4" Thick
		L = Low-Profile	10 = 115.125" 13 = 148.125"		
SA	12 = 12" Screw	S = Std Profile	13 = 13' 3" 15 = 15' 3"	70 = 7000 BPH 80 = 8000 BPH	A = Standard B = 1/4" Thick
		L = Low-Profile	12 = 12' 8" 14 = 14' 8"	70 = 7000 BPH 80 = 8000 BPH	A = Standard B = 1/4" Thick

Bucket Elevator Swing Away Hopper

8" BESAW - Bucket Elevator Swing Away Hopper							
Part Number	Capacity-BPH	Tube Diameter	Hopper Opening Size	Max. Disch. Height - A	O.A.L at Max Disch. Height - B	HP Required	Weight
SA08S1215A SA08S1220A SA08S1225A SA08S1230A	1500 2000 2500 3000	8"	33 1/4" x 48"	53 5/8"	204 1/4"	3HP	471 LBS
10" BESAW - Bucket Elevator Swing Away Hopper							
Part Number	Capacity-BPH	Tube Diameter	Hopper Opening Size	Max. Disch. Height - A	O.A.L at Max Disch. Height - B	HP Required	Weight
SA10S1440A SA10S1450A SA10S1456A	4000 5000 5600	10"	33 1/4" x 48"	59.3/8"	222 1/8"	5HP	582 LBS
10" BESAW - Bucket Elevator Swing Away Lo-Profile Hopper							
Part Number	Capacity-BPH	Tube Diameter	Hopper Opening Size	Max. Disch. Height - A	O.A.L at Max Disch. Height - B	HP Required	Weight
SA10L1340A SA10L1350A SA10L1356A	4000 5000 5600	10"	40" x 54"	59.1/4"	221 3/4"	5HP	762 LBS
12" BESAW - Bucket Elevator Swing Away Hopper							
Part Number	Capacity-BPH	Tube Diameter	Hopper Opening Size	Max. Disch. Height - A	O.A.L at Max Disch. Height - B	HP Required	Weight
SA12S1570A SA12S1580A	7000 8000	12"	33 3/4" x 54"	68"	250 3/8"	7.5HP	916 LBS
12" BESAW - Bucket Elevator Swing Away Lo-Profile Hopper							
Part Number	Capacity-BPH	Tube Diameter	Hopper Opening Size	Max. Disch. Height - A	O.A.L at Max Disch. Height - B	HP Required	Weight
SA12L1470A SA12L1480A	7000 8000	12"	40" x 54"	68"	249 1/4"	7.5HP	1026 LBS

Standard .25" Flight - Add "B" to Part Number (ex. SA10S1456B). Add \$ 80.00 to list price for 8" & 10". Add \$ 111.00 to list price for 12".

Low Profile .25" Flight - Add "B" to Part Number (ex. SA10S1456B). Add \$ 102.00 to list price for 8" & 10". Add \$ 143.00 to list price for 12".

BESAW - Bucket Elevator Swing Away Hopper Motors/Sheaves						
Motors				Sheaves		
Part Number	Voltage	Frame/Shaft		Number	Capacity-BPH	Size
300-3	460/3/60	182T-1.125		PT0563	1500-2500	3" O.D. x 1.125 x 2G
300-1	220/1/60	184T-1.125		4018-2	3000	4" O.D. x 1.125 x 2G
500-3	460/3/60	184T-1.125		PT0567	4000	3.5" O.D x 1.125 x 2G
500-1	220/1/60	184T-1.125		4018-2	5000-5600	4" O.D. x 1.125 x 2G
712-3	460/3/60	213T-1.375		PT0588	7000	3.5" O.D x 1.375 x 3G
				*GK6994	8000	3 GR A3.4B3.8 SH
				GC07383		Bushing SH x 1 3/8" Bore
712-1	220/1/60	215 - 1.125		PT0587	7000	3.5" O.D x 1.125 x 3G
				*GK6994	8000	3 GR A3.4B3.8 SH
				MHC00649		Bushing SH x 1 1/8" Bore

* bushing required with GK6994

BE-SAW MOTOR AND MOTOR SHEAVE WORKSHEET

BESAW Size	Motor				Motor Sheaves & Bushings		
	HP	Voltage	Part Number	Frame/Shaft	Capacity BPH	Part Number	Description

8" BESAW	3	460/3/60	300-3	182T-1.125	1500	PT0563	3" O.D. x 1.125 x 2G	
					2000	PT0563	3" O.D. x 1.125 x 2G	
					2500	PT0563	3" O.D. x 1.125 x 2G	
					3000	4018-2	4" O.D. x 1.125 x 2G	
	3	220/1/60	300-1	184T-1.125	1500	PT0563	3" O.D. x 1.125 x 2G	
					2000	PT0563	3" O.D. x 1.125 x 2G	
					2500	PT0563	3" O.D. x 1.125 x 2G	
					3000	4018-2	4" O.D. x 1.125 x 2G	
	3	380/3/50	300-3-50	182T - 1 1/8	1500	MHC00760	2A3.0B3.4-1210	1400
						MHC00144	1210 - 1 1/8	
					2000	MHC00760	2A3.0B3.4-1210	1800
						MHC00144	1210 - 1 1/8	
					2500	MHC00760	2A3.0B3.4-1210	2400
						MHC00144	1210 - 1 1/8	
					3000	MHC01118	2A4.0B4.4-1610	2800
						MHC00035	1610 - 1 1/8	

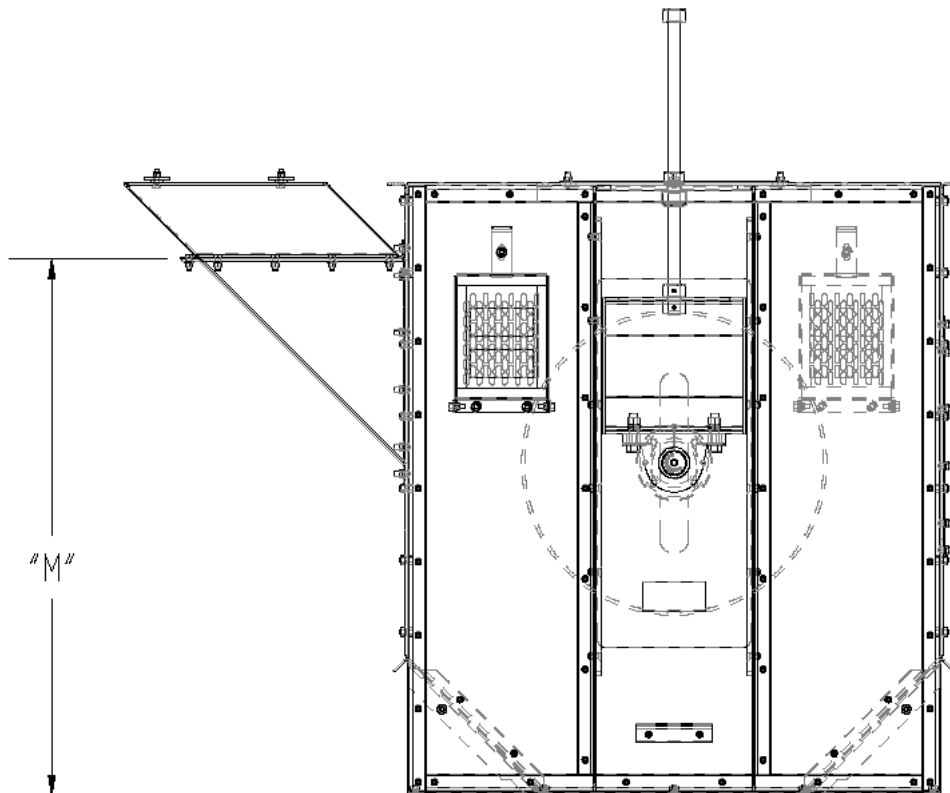
10" BESAW	5	460/3/60	500-3	184T-1.125	4000	PT0567	3.5" O.D x 1.125 x 2G	
					5000	4018-2	4" O.D. x 1.125 x 2G	
					5600	4018-2	4" O.D. x 1.125 x 2G	
	5	220/1/60	500-1	184T-1.125	4000	PT0567	3.5" O.D x 1.125 x 2G	
					5000	4018-2	4" O.D. x 1.125 x 2G	
					5600	4018-2	4" O.D. x 1.125 x 2G	
	5	380/3/50	500-3-50	184T-1.125	4000	MHC00499	2A3.4B3.8-1610	3800
						MHC00035	1610 - 1 1/8	
					5000	MHC01118	2A4.0B4.4-1610	4500
						MHC00035	1610 - 1 1/8	
					5600	MHC01118	2A4.0B4.4-1610	5800
						MHC00035	1610 - 1 1/8	

12" BESAW	7 1/2	460/3/60	712-3	213T-1.375	7000	PT0588	3.5" O.D x 1.375 x 3G	
					8000	GK6994	3 GR A3.4B3.8 SH	
						GC07383	Bushing SH x 1 3/8" Bore	
	7 1/2	220/1/60	712-1	215 - 1.125	7000	PT0587	3.5" O.D x 1.125 x 3G	
					8000	GK6994	3 GR A3.4B3.8 SH	
						MHC00649	Bushing SH x 1 1/8" Bore	
	7 1/2	380/3/50	712-3-50	213T - 1 3/8	7000	MHC00778	3A3.6B4.0-1610	
						CE-00594	1610 - 1 3/8	
					8000	GC10714	3A4.2B4.6-1610	
						CE-00594	1610 - 1 3/8	

BUCKET ELEVATOR INLET HEIGHT

Model	BPH	"M"
15P16	1500	35"
20	2000	35"
25	2500	35"
30	3000	35"
30P24	3000	42"
40	4000	42"
50	5000	42"
40P30	4000	46"
50	5000	46"
60	6000	46"
50P36	5000	53"
60	6000	53"
70	7000	53"
80	8000	53"
100	10000	53"
80P42	8000	62"
100	10000	62"

Customer supplied transition
should be a minimum of 6" tall



TRANSITION TO BUCKET ELEVATOR ATTACHMENT PARTS

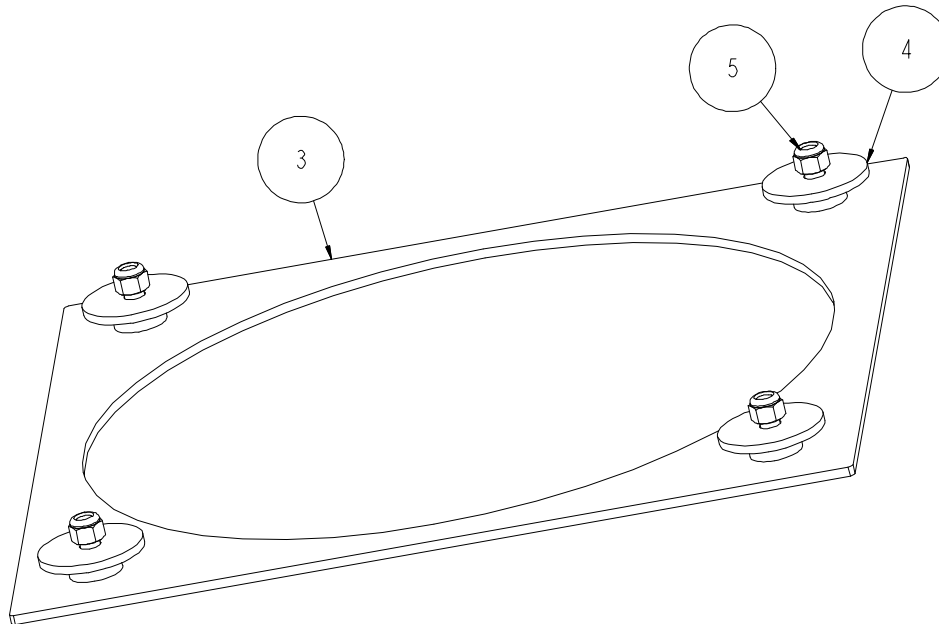
A swivel plate assembly is supplied with each BE-SAW

The swivel plate is used as the top plate of the customer supplied transition assembly

8" BESAW			
Ref	Part #	Qty.	Description
1	GC11649	1	Swvl Plt. Asy W/Bolt Kit
2	GC11646	1	Bolt Kit
3	GC11650	1	Swvl Plt Weldment
4	GK1532	4	3/8" Washer for Swivel
5	S-7383	4	3/8-16 Nylock Nut

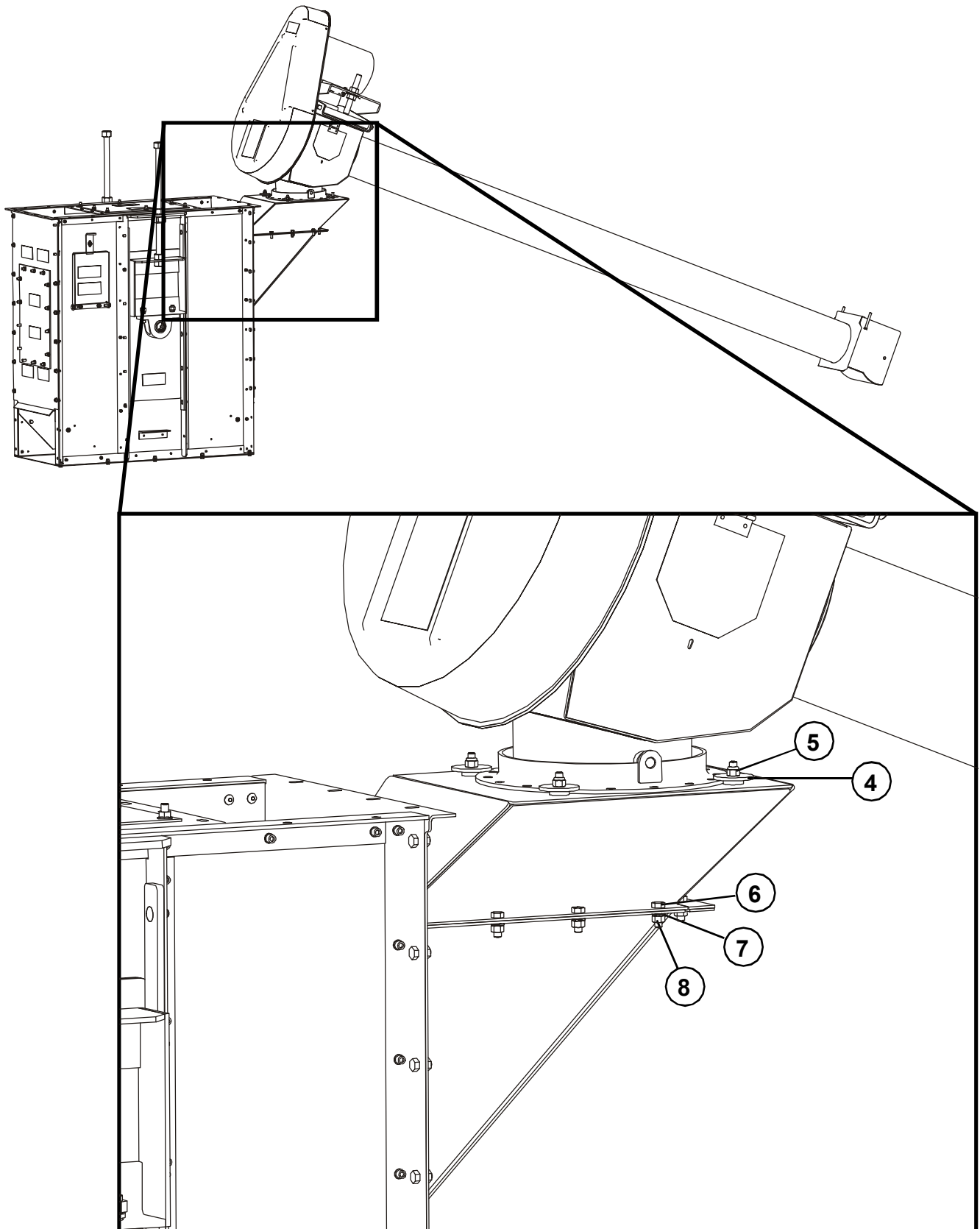
10" BESAW			
Ref	Part #	Qty.	Description
1	GC11645	1	Swvl Plt. Asy W/Bolt Kit
2	GC11646	1	Bolt Kit
3	GC11647	1	Swvl Plt Weldment
4	GK1532	4	3/8" Washer for Swivel
5	S-7383	4	3/8-16 Nylock Nut

12" BESAW			
Ref	Part #	Qty.	Description
1	GC11652	1	Swvl Plt. Asy W/Bolt Kit
2	GC11646	1	Bolt Kit
3	GC11653	1	Swvl Plt Weldment
4	GK1532	4	3/8" Washer for Swivel
5	S-7383	4	3/8-16 Nylock Nut



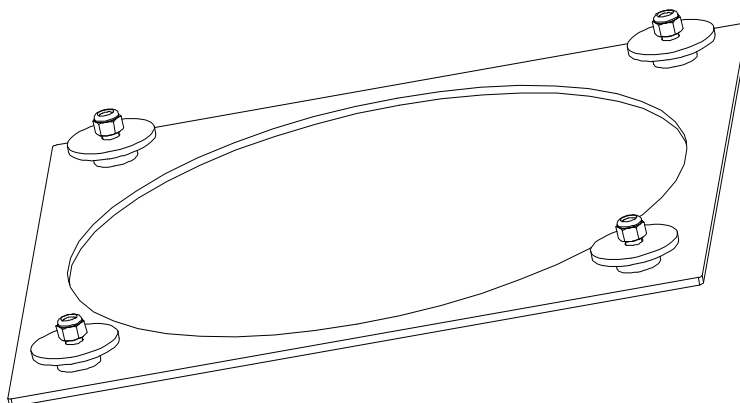
Use the following hardware to attach the customer supplied transition to GSI bucket elevators	6	S-7520	3/8"-16 x 1" HHCS
	7	S-1054	3/8" Lock Washer
	8	S-456	3/8"-16 Hex Nut

TRANSITION ATTACHMENT TO BUCKET ELEVATOR

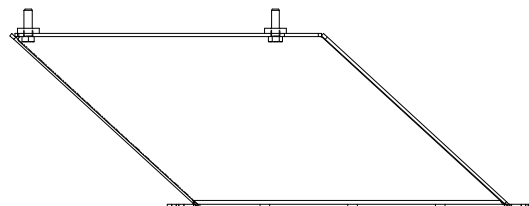
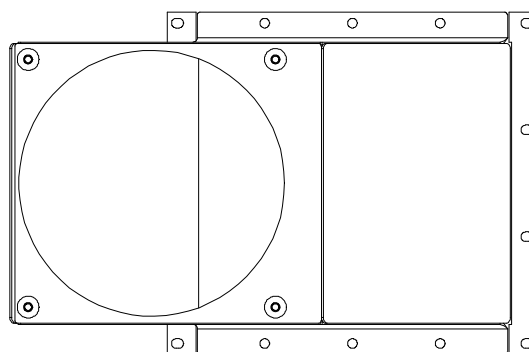
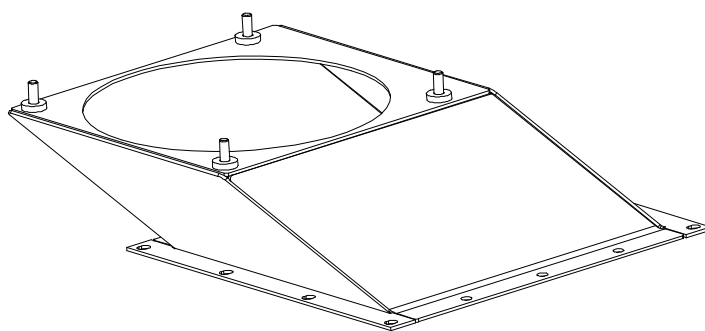


BE- SAW TRANSITION

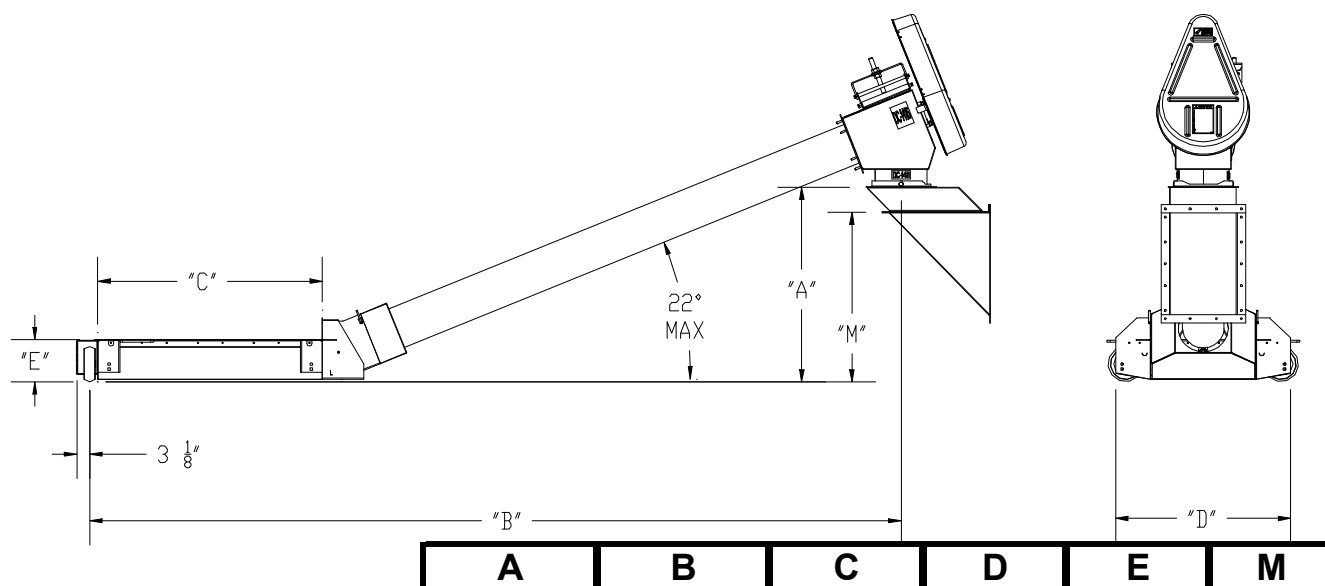
The GSI BESAW was designed to mate with GSI bucket elevators from 16" to 42" in size and capacities from 1500 to 8000 BPH. Due to the large quantity of boot hoppers available for these bucket elevators, it would be impossible for GSI to offer a transition assembly that would fit all the possible combinations of BESAWs and bucket elevators. Since the BESAW requires special mounting components to swivel, after April 1, 2006 each BESAW shipped from our facilities will include a BESAW Swivel Plate Assembly. The swivel assembly is made up of a square plate with the attachment bolts welded to it. It already has the appropriate sized hole bored in it to allow the flow of material. The swivel hardware is also included.



When fabricating the mounting transition, the top of this plate should be from 6" to 8" above the mounting flange of the bucket elevator boot hopper. The center of the large hole should be a sufficient distance away from the bucket elevator trunk to allow the BESAW chain guard to clear and the BESAW to swivel. An example of a transition is shown below.



BE- SAW DIMENSIONS



Part Number	BE-SAW Size	Bucket Elevator Size	Max. Disch Height A	O.A.L at Max Disch Height - B	Hopper Opening Length	Hopper Opening Width	Hopper Height to Steel	"M"
SA 08 S 10 15 A	8	16	43"	177 7/8"	48"	33 1/2"	12 3/4"	35"
SA 08 S 10 20 A								
SA 08 S 10 25 A								
SA 08 S 10 30 A								
SA 08 S 12 15 A	8	24	53 5/8"	204 1/4"	48"	33 1/2"	12 3/4"	42"
SA 08 S 12 20 A								
SA 08 S 12 25 A								
SA 08 S 12 30 A								
SA 10 S 10 40 A	10	N/A	43 7/8"	185 1/8"	48"	33 1/2"	12 3/4"	
SA 10 S 10 50 A								
SA 10 S 10 56 A								
SA 10 S 13 40 A	10	30	52"	212 1/4"	48"	33 1/2"	12 3/4"	46"
SA 10 S 13 50 A								
SA 10 S 13 56 A								
SA 10 S 14 40 A	10	36	59 3/8"	222 1/8"	48"	33 1/2"	12 3/4"	53"
SA 10 S 14 50 A								
SA 10 S 14 56 A								
SA 10 L 10 40 A	10	N/A	46 3/4"	191"	55"	40"	10 1/8"	
SA 10 L 10 50 A								
SA 10 L 10 56 A								
SA 10 L 13 40 A	10	36	59 1/4"	221 3/4"	55"	40"	10 1/8"	53"
SA 10 L 13 50 A								
SA 10 L 13 56 A								
SA 12 S 13 70 A	12	36	59"	228 1/8"	54"	33 1/2"	14"	53"
SA 12 S 13 80 A								
SA 12 S 15 70 A	12	42	68"	250 3/8"	54"	33 1/2"	14"	62"
SA 12 S 15 80 A								
SA 12 L 12 70 A	12	36	59"	227 1/2"	55"	40"	10 1/8"	53"
SA 12 L 12 80 A								
SA 12 L 14 70 A	12	42	68"	249 1/4"	55"	40"	10 1/8"	62"
SA 12 L 14 80 A								

1. DESIGNATE WORK AREA

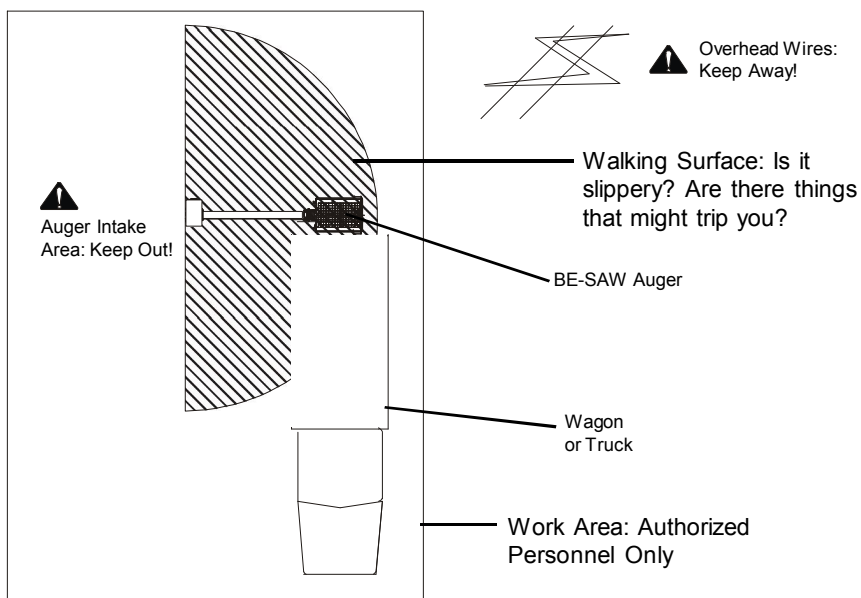
- A. Before starting the auger, establish the designated work areas. Figure 36 below shows where boundaries should be established.
- B. Mark off the designated work areas using colored nylon or plastic rope as portable barriers.



RULES FOR SAFE WORK AREA

Under no circumstances should persons not involved in the operation of the auger be allowed to trespass into the designated work area. It is the duty of ALL operators to ensure that children and/or other persons stay out of the work areas. Should anyone not involved in the operation trespass into the work area or into a hazard area, the operator should immediately shutdown the auger.

It is the responsibility of ALL operators to ensure that the work area has secure footing, and is clean and free of debris and tools that might cause accidental tripping or falling. The operator is also responsible for keeping the work area clean and orderly during operation of the auger.



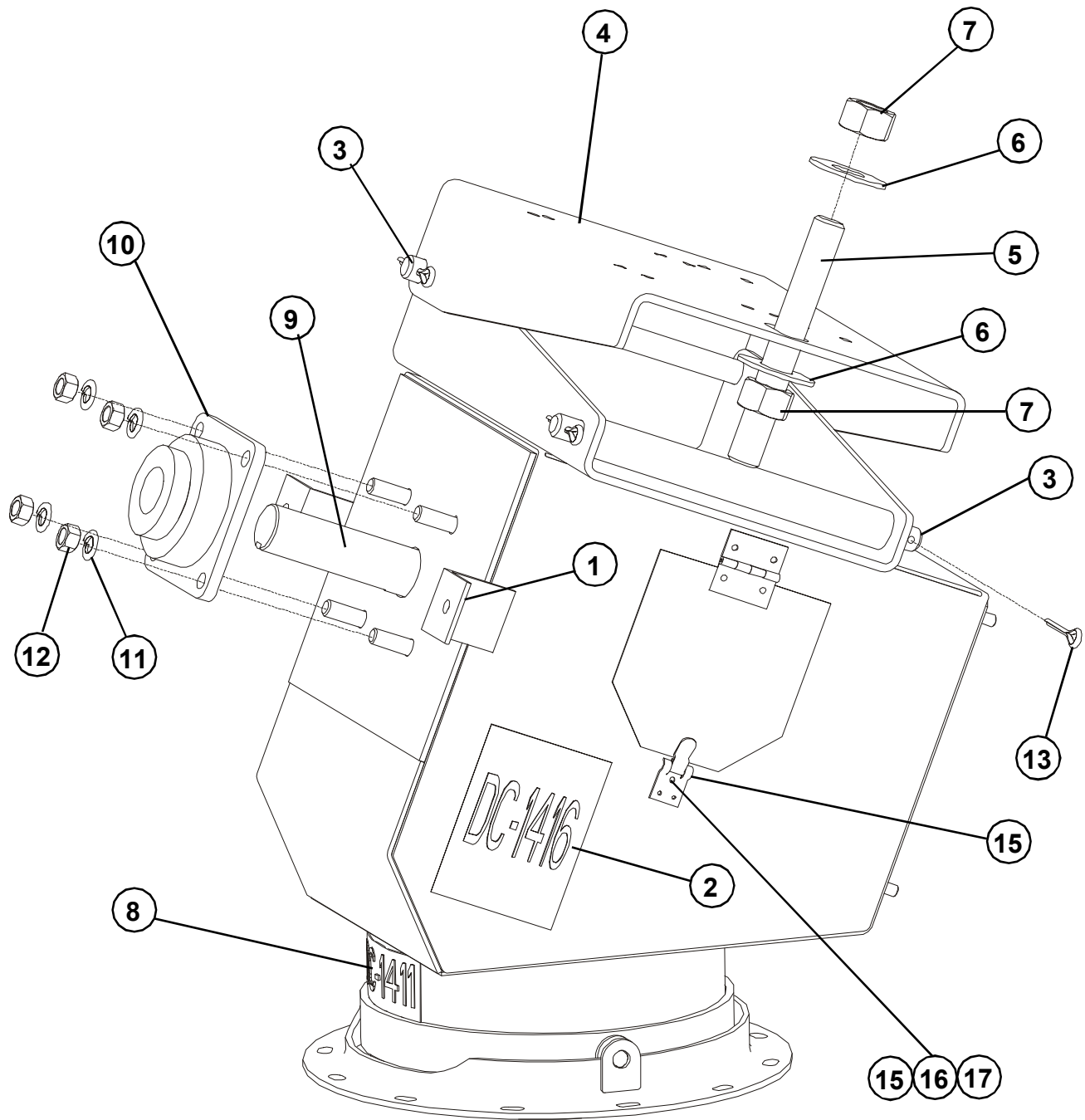
<i>Problem</i>	<i>Possible Cause</i>	<i>Solution</i>
1. THE AUGER IS VIBRATING.	A. Damage can occur to the auger flighting, causing noise. Damage usually is caused from foreign material being run through the auger.	A1. It may be necessary to remove the flighting for inspection.
2. CAPACITY IS TOO LOW.	A. There may not be enough grain reaching the auger.	A1. Make sure the intake has not bridged over, restricting flow. The flighting at the intake should be covered with grain for maximum capacity.
	B. The auger is moving too slowly.	B1. Check the auger speed. Low capacity will result from speeds slower than recommended.
3. THE AUGER PLUGS.	A. The auger may be "jamming" because too much grain is reaching the auger.	A1. Decrease the amount of grain the auger is gathering.
	B. The grain may be wet.	B1. If wet grain or other hard-to-move material is being augered, reduce the amount of grain being fed into the swing-away hopper.
	C. The auger may be jammed with foreign material.	C1. Remove any foreign material in the auger.
	D. The discharge end may be plugged.	D1. Unplug any plugs at the discharge end of the auger.
4. DRIVELINE SHEAR BOLT SHEARS FREQUENTLY.	A. Grain may be flowing too quickly into the ground hopper.	A1. Reduce the flow rate of grain into the ground hopper.
	B. The discharge of grain from the main auger may be restricted.	B1. Inspect auger intake and discharge areas for damage.

8" & 10" SWIVEL SPOUT PARTS

8" Swivel Spout Parts			
Ref #	Part #	Qty.	Description
1	GC10324	1	Swivel Spout Weldment
2	DC-1416	2	Danger Rotating Auger Decal
3	GC10340	2	Swivel Pin for Motor Mount 8 & 10"
4	GC10325	1	Motor Mount Plate
5	GC10338	1	Hinged Motor Mount Swing Adjuster
6	S-7835	2	Washer Flat 1" USS Zinc
7	S-240	2	Nut, Hex 1"-8 Zinc Grade 5
8	DC-1411	1	Decal - Shear Point
9	GK1017	1	Four Bolt Flange Bearing 1 1/4" w/Lock collar
10	GK1331	1	Shaft: Drive 1 1/4" x 10 1/2" Long
11	S-236	4	Lock Washer 1/2"
12	S-3729	4	Hex Nut 1/2"-13 Plated Grade 5
13	S-8312	4	Cotter Pin 3/16" dia x 1 1/2" Long
14	GK1571	1	Snap Fastener
15	S-8325	1	Screw MS #8 x 1/2 RHP ZN
16	S-6551	1	Washer Lock Split #8 Med ZN
17	S-6525	1	Nut Hex #8-32 ZN

10" Swivel Spout Parts			
Ref #	Part #	Qty.	Description
1	GC10385	1	Swivel Spout Weldment
2	DC-1416	2	Danger Rotating Auger Decal
3	GC10340	2	Swivel Pin for Motor Mount 8 & 10"
4	GC10325	1	Motor Mount Plate
5	GC10338	1	Hinged Motor Mount Swing Adjuster
6	S-7835	2	Washer Flat 1" USS Zinc
7	S-240	2	Nut, Hex 1"-8 Zinc Grade 5
8	DC-1411	1	Decal - Shear Point
9	GK1343	1	Four Bolt Flange Bearing 1 1/2" w/Lock collar
10	GK1289	1	Shaft: Drive 1 1/2" x 11 1/2" Long
11	S-236	4	Lock Washer 1/2"
12	S-3729	4	Hex Nut 1/2"-13 Plated Grade 5
13	S-8312	4	Cotter Pin 3/16" dia x 1 1/2" Long
14	GK1571	1	Snap Fastener
15	S-8325	1	Screw MS #8 x 1/2 RHP ZN
16	S-6551	1	Washer Lock Split #8 Med ZN
17	S-6525	1	Nut Hex #8-32 ZN

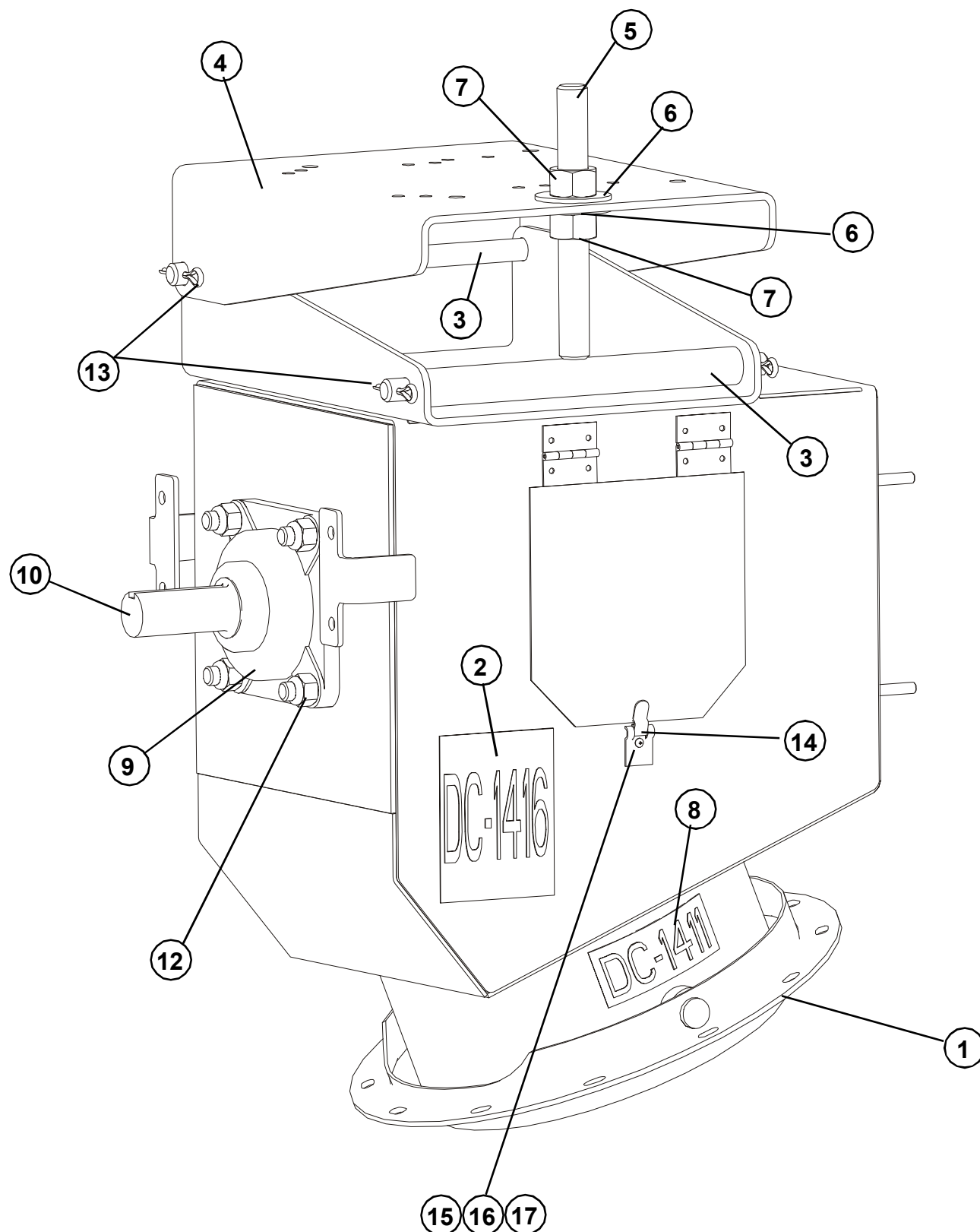
8" & 10" SWIVEL SPOUT ASSEMBLY



12" SWIVEL SPOUT PARTS

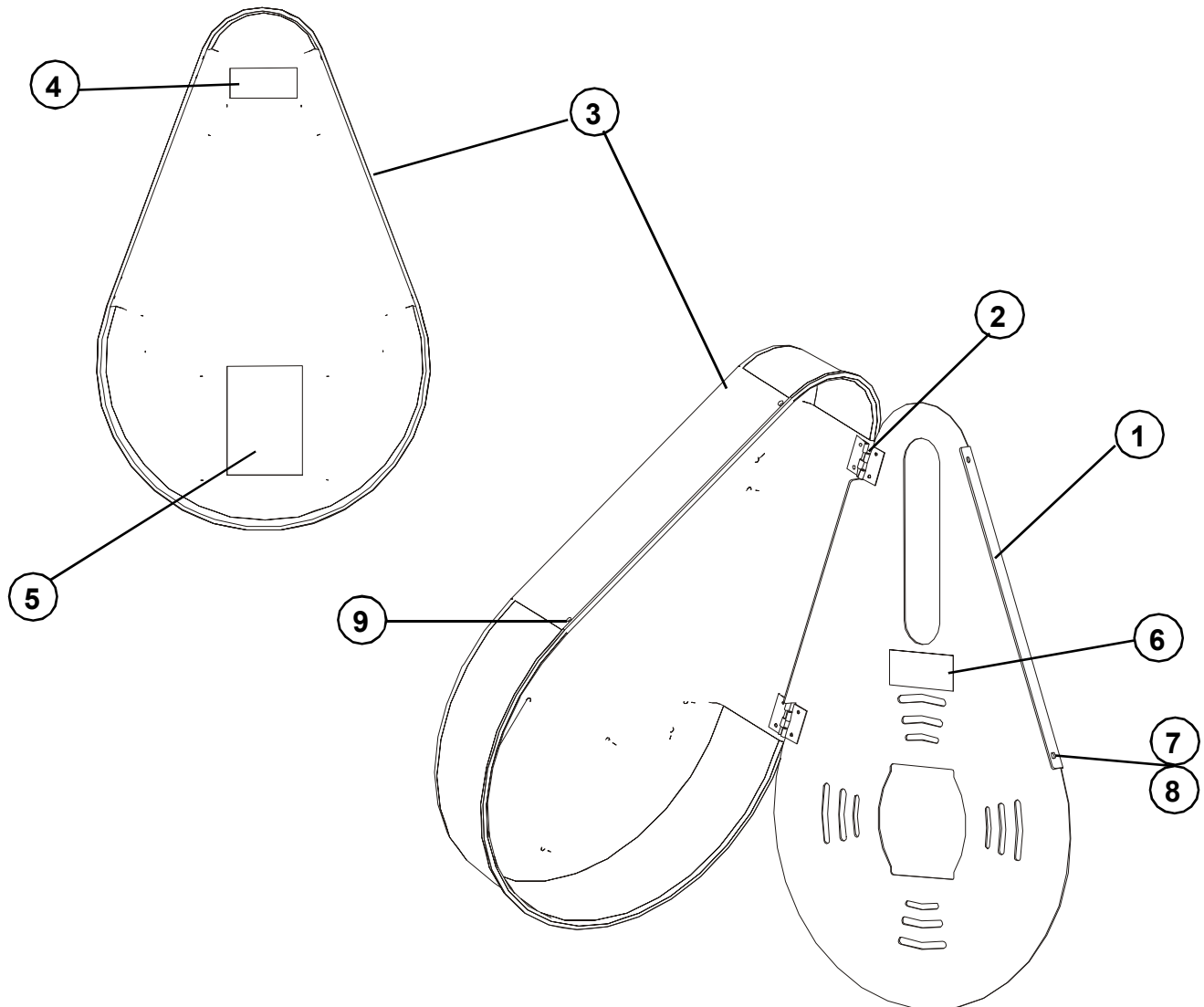
12" Swivel Spout Parts			
Ref #	Part #	Qty.	Description
1	GC10502	1	Swivel Spout Weldment
2	DC-1416	2	Danger Rotating Auger Decal
3	GC10509	2	Swivel Pin for Motor Mount 12"
4	GC10504	1	Motor Mount Plate
5	GC10508	1	Hinged Motor Mount Swing Adjuster
6	S-7835	2	Washer Flat 1" USS Zinc
7	S-240	2	Nut, Hex 1"-8 Zinc Grade 5
8	DC-1411	2	Decal - Shear Point
9	GK2004	1	Four Bolt Flange Bearing 2" w/Lock collar
10	GK2006	1	Shaft: Drive 2" to 1 1/2" x 12" Long
11	GC10419	1	Belt Guard
12	S-8349	4	Hex Nut 5/8-11 Plated Grade 5
13	S-8312	4	Cotter Pin 3/16" dia x 1 1/2" Long
14	GK1571	1	Snap Fastener
15	S-8325	1	Screw MS #8 x 1/2 RHP ZN
16	S-6551	1	Washer Lock Split #8 Med ZN
17	S-6525	1	Nut Hex #8-32 ZN

12" SWIVEL SPOUT ASSEMBLY



10" Belt Guard Parts

Ref. #	Part #	Qty.	Description
1	GC08972	1	Belt Guard Back Plate - 18" Sheave
2	GC04677	2	Hinge: .125" x 2" x .063" x 2" Bk
3	GC08983	1	Plastic 18" Guard
4	DC-995	1	Decal - Warning Shear Point
5	DC-1379	1	Decal Notice
6	DC-994	1	Danger Shear Point
7	99-0026	2	Clip 1/4"-20 Tinnerman Nut
8	S-6674	2	Screw 1/4"-20 x 1/2" THS
9	S-7060	8	Rivet 3/16" x 1/2" (#64)



NOTES

Drive Components for BE-SAW 8" Auger

460 V & 220 V 60 Hz Operation

Capacity	Item #	Qty	Description	Specification	Part No.
	1	1	Motor - 182T	3hp/460V/3PH 60HZ	300-3
	OR	1	Motor - 184T	3hp/220V/1PH 60HZ	300-1
	2	4	Bolt-Hex Hd	3/8"-16 x 1 1/2"	S-7515
	3	4	Washer-Lock	3/8" Split	S-1054
	4	4	Nut-Hex	3/8-16	S-456
	8	1	Key	1/4" sq x 3"	S-8276
1450 BPH	5	1	Sheave-Drv	2gr B 3.0"OD x 1 1/8"	PT0563
	6	1	Sheave-Drvn	2gr B 18.4"OD x sk	GK2567
	7	1	Bushing	SK-1 1/4"	GC07674
	N/S	2	Belt	BX65	MHC00743
1800 BPH	5	1	Sheave-Drv	2gr B 3.0"OD x 1 1/8"	PT0563
	6	1	Sheave-Drvn	2gr B 15"OD x 1.25"	GK1869
	7		Not Used		
	N/S	2	Belt	BX58	PT1179
2200 BPH	5	1	Sheave-Drv	2gr B 3.0"OD x 1 1/8"	PT0563
	6	1	Sheave-Drvn	2gr B 12"OD x 1 1/4"	GK1335
	7		Not Used		
	N/S	2	Belt	BX52	020-1034-6
2900 BPH	5	1	Sheave-Drv	2gr B 4"OD x 1 1/8"	4018-2
	6	1	Sheave-Drvn	2gr B 12"OD x 1 1/4"	GK1335
	7		Not Used		
	N/S	2	Belt	BX54	MHC00949

380V 50 Hz Operation

Capacity	Item #	Qty	Description	Specification	Part No.
	1	1	Motor - 182T	3hp/380V/3PH 50HZ	300-3-50
	2	4	Bolt-Hex Hd	3/8"-16 x 1 1/2"	S-7515
	3	4	Washer-Lock	3/8" Split	S-1054
	4	4	Nut-Hex	3/8-16	S-456
	8	1	Key	1/4" sq x 3"	S-8276
1450 BPH	5	1	Sheave-Drv	2 GR A3.0B3.4-1210	MHC00760
			Bushing 1210 - 1 1/8		MHC00144
	6	1	Sheave-Drvn	2gr B 18.4"OD x sk	GK2567
	7	1	Bushing	SK-1 1/4"	GC07674
1800 BPH	N/S	2	Belt	BX65	MHC00743
	5	1	Sheave-Drv	2 GR A3.0B3.4-1210	MHC00760
			Bushing 1210 - 1 1/8		MHC00144
	6	1	Sheave-Drvn	2gr B 15"OD x 1.25"	GK1869
2200 BPH	7		Not Used		
	N/S	2	Belt	BX58	PT1179
	5	1	Sheave-Drv	2 GR A3.0B3.4-1210	MHC00760
			Bushing 1210 - 1 1/8		MHC00144
2900 BPH	6	1	Sheave-Drvn	2gr B 12"OD x 1 1/4"	GK1335
	7		Not Used		
	N/S	2	Belt	BX52	020-1034-6
	5	1	Sheave-Drv	2 GR A4.0B4.4-1610	MHC01118
			Bushing 1610 - 1 1/8		MHC00035
	6	1	Sheave-Drvn	2gr B 12"OD x 1 1/4"	GK1335
	7		Not Used		
	N/S	2	Belt	BX54	MHC00949

Drive Components for BE-SAW 10" Auger

460 V & 220 V 60 Hz Operation

Capacity	Item #	Qty	Description	Specification	Part No.
	1	1	Motor - 184T	5hp/460V/3PH 60HZ	500-3
	OR	1	Motor - 184T	5hp/220V/1PH 60HZ	500-1
	2	4	Bolt-Hex Hd	3/8"-16 x 1 1/2"	S-7515
	3	4	Washer-Lock	3/8" Split	S-1054
	4	4	Nut-Hex	3/8-16	S-456
	8	1	Key	3/8" sq x 3"	S-9181
4000 BPH	5	1	Sheave-Drv	2gr B 3.5"OD x 1 1/8"	PT0567
	6	1	Sheave-Drvn	2gr B 18.4"OD x sk	GK2567
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	2	Belt	BX66	MHC00616
4600 BPH	5	1	Sheave-Drv	2gr B 4"OD x 1 1/8"	4018-2
	6	1	Sheave-Drvn	2gr B 18.4"OD x sk	GK2567
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	2	Belt	BX66	MHC00616
5600 BPH	5	1	Sheave-Drv	2gr B 4"OD x 1 1/8"	4018-2
	6	1	Sheave-Drvn	2gr B 15"OD x 1 1/2"	GK2567
	7		Not Used		
	N/S	2	Belt	BX60	MHC00028

380 V 50 Hz Operation

Capacity	Item #	Qty	Description	Specification	Part No.
	1	1	Motor - 184T	5hp/380V/3PH 50HZ	500.3-50
	2	4	Bolt-Hex Hd	3/8"-16 x 1 1/2"	S-7515
	3	4	Washer-Lock	3/8" Split	S-1054
	4	4	Nut-Hex	3/8-16	S-456
	8	1	Key	3/8" sq x 3"	S-9181
4000 BPH	5	1	Sheave-Drv	2 GR A3.4B3.8-1610	MHC00499
			Bushing 1610 - 1 1/8		MHC00035
	6	1	Sheave-Drvn	2gr B 18.4"OD x sk	GK2567
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	2	Belt	BX66	MHC00616
4600 BPH	5	1	Sheave-Drv	2 GR A4.0B4.4-1610	MHC01118
			Bushing 1610 - 1 1/8		MHC00035
	6	1	Sheave-Drvn	2gr B 18.4"OD x sk	GK2567
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	2	Belt	BX66	MHC00616
5600 BPH	5	1	Sheave-Drv	2 GR A4.0B4.4-1610	MHC01118
			Bushing 1610 - 1 1/8		MHC00035
	6	1	Sheave-Drvn	2gr B 15"OD x 1 1/2"	GK2567
	7		Not Used		
	N/S	2	Belt	BX60	MHC00028

Drive Components for BE-SAW

12" Auger

460V 3PH 60Hz Operation

Capacity	Item #	Qty	Description	Specification	Part No.
	1	1	Motor - 213T	7 1/2hp/460V/3PH 60HZ	712-3
	2	4	Bolt-Hex Hd	3/8"-16 x 1 1/2"	S-7515
	3	4	Washer-Lock	3/8" Split	S-1054
	4	4	Nut-Hex	3/8-16	S-456
	8	1	Key	3/8" sq x 3"	S-9181
7000 BPH	5	1	Sheave-Drv	3gr B 3.5"OD x 1 3/8" ID	PT0588
	6	1	Sheave-Drvn	3gr B 18.4"OD x SK	GK2570
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	3	Belt	BX73	017-1498-9
8000 BPH	5	1	Sheave-Drv	3gr A3.4B3.8 SH	GK6994
		1	Bushing	SH 1 3/8"	GC07383
	6	1	Sheave-Drvn	3gr B 18.4"OD x SK	GK2570
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	3	Belt	BX73	017-1498-9

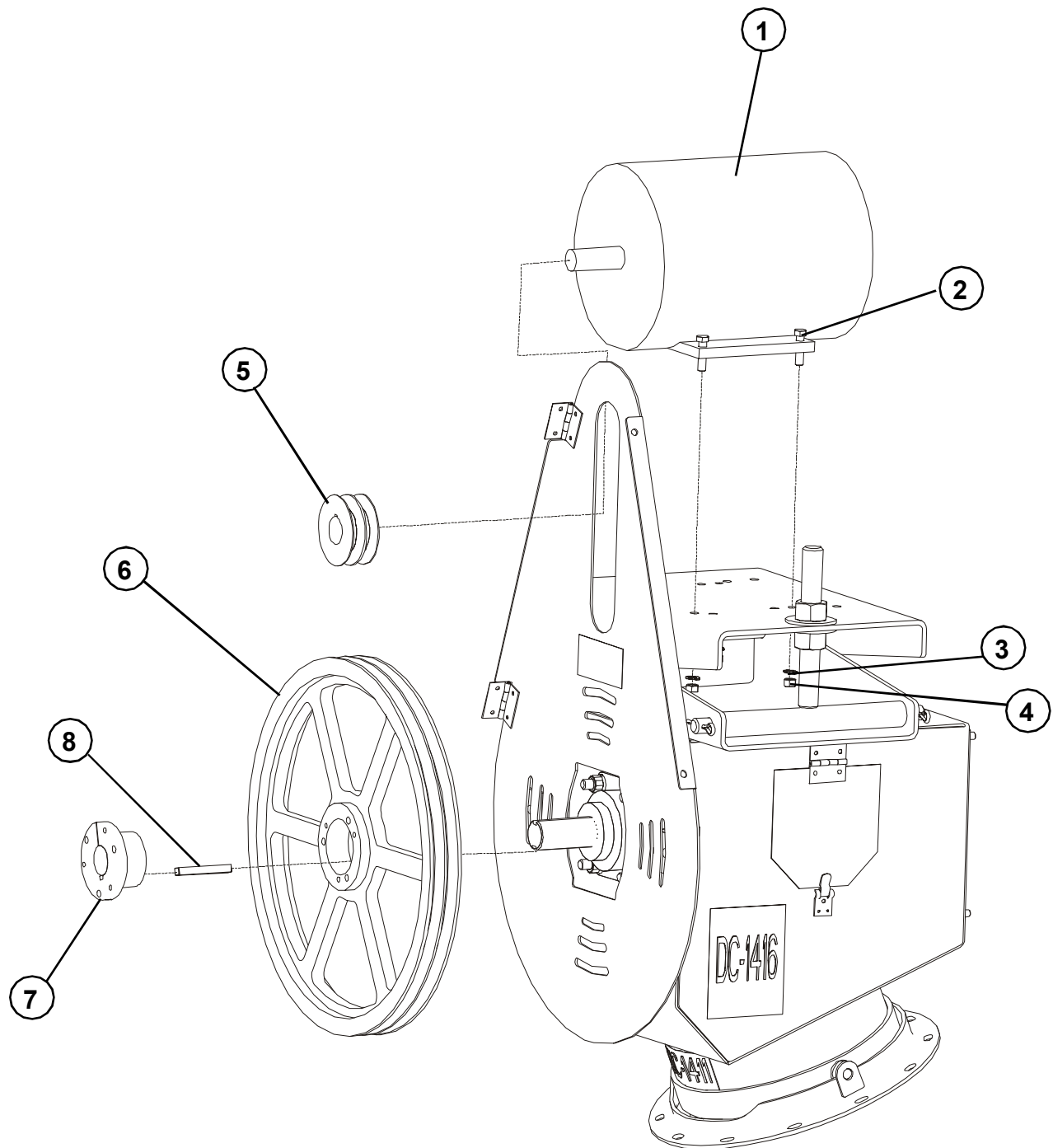
220V 1 PH 60 Hz Operation

Capacity	Item #	Qty	Description	Specification	Part No.
	1	1	Motor - 215	7 1/2hp/460V/3PH 60HZ	712-3
	2	4	Bolt-Hex Hd	3/8"-16 x 1 1/2"	S-7515
	3	4	Washer-Lock	3/8" Split	S-1054
	4	4	Nut-Hex	3/8-16	S-456
	8	1	Key	3/8" sq x 3"	S-9181
7000 BPH	5	1	Sheave-Drv	3 GR 3.5"O.D. X 1 1/8" ID	PT0587
	6	1	Sheave-Drvn	3gr B 18.4"OD x SK	GK2570
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	3	Belt	BX73	017-1498-9
8000 BPH	5	1	Sheave-Drv	3 GR A3.4B3.8 - SH	GK6994
		1	Bushing	Bushing SH x 1 1/8" Bore	MHC00649
	6	1	Sheave-Drvn	3gr B 18.4"OD x SK	GK2570
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	3	Belt	BX73	017-1498-9

380V 3PH 50Hz Operation

Capacity	Item #	Qty	Description	Specification	Part No.
	1	1	Motor - 213T	7 1/2hp/380V/3PH 50HZ	712-3-50
	2	4	Bolt-Hex Hd	3/8"-16 x 1 1/2"	S-7515
	3	4	Washer-Lock	3/8" Split	S-1054
	4	4	Nut-Hex	3/8-16	S-456
	8	1	Key	3/8" sq x 3"	S-9181
7000 BPH	5	1	Sheave-Drv	3 GR A3.6B4.0-1610	MHC00778
		1	Bushing	Bushing 1610 - 1 3/8	CE-00594
	6	1	Sheave-Drvn	3gr B 18.4"OD x SK	GK2570
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	3	Belt	BX73	017-1498-9
8000 BPH	5	1	Sheave-Drv	3 GR A4.2B4.6-1610	GC10714
			Bushing	1610 - 1 3/8	CE-00594
	6	1	Sheave-Drvn	3gr B 18.4"OD x SK	GK2570
	7	1	Bushing	SK-1 1/2"	GK4248
	N/S	3	Belt	BX73	017-1498-9

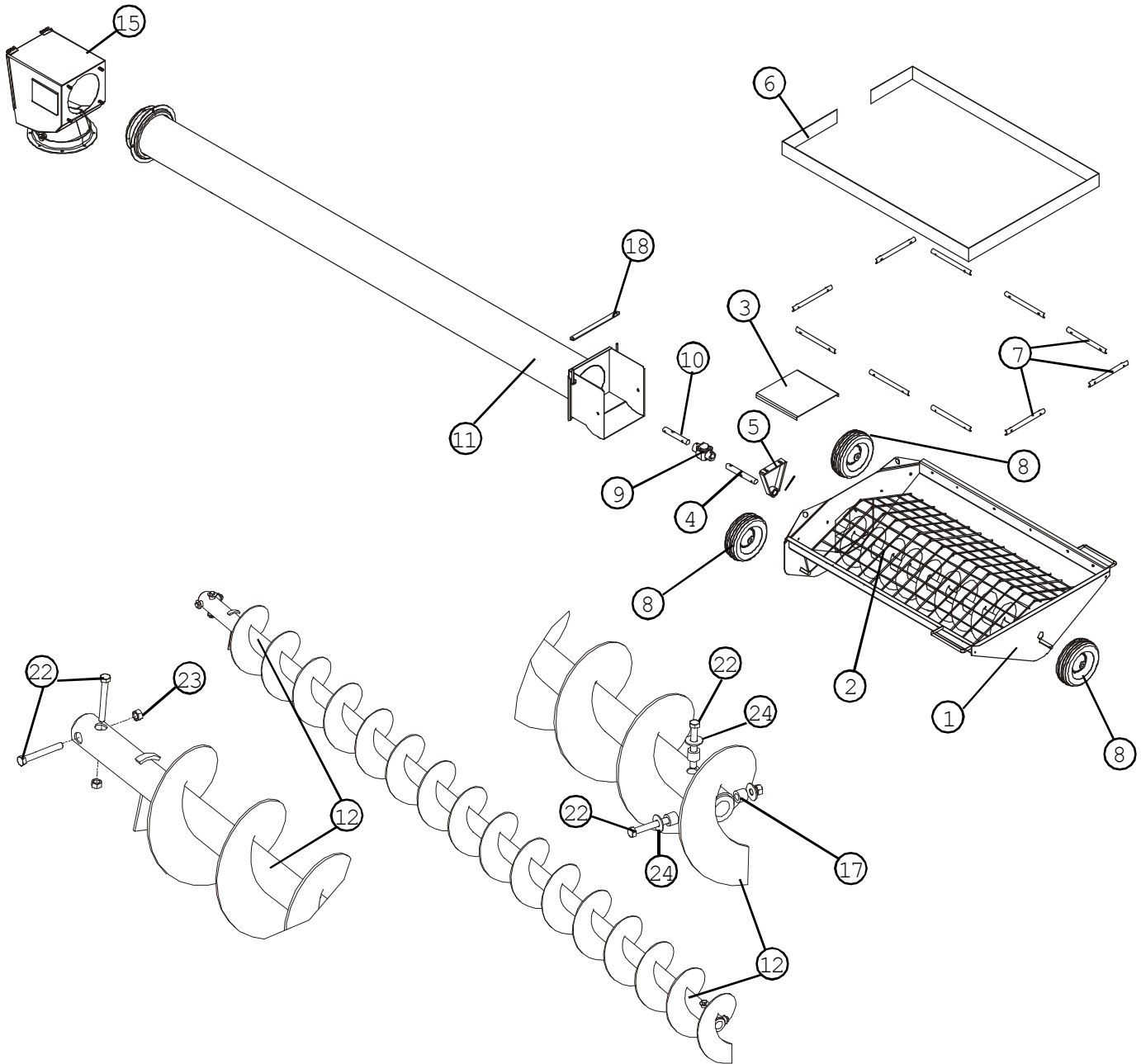
8", 10", & 12" BE-SAW Drive Components



STANDARD BE-SAW COMPONENTS

Standard Be-Saw Components		
Ref. #	Part #	Description
1	GK1490	Flexible Swing-Out Hopper Weldment for 8"
	GK1491	Flexible Swing-Out Hopper Weldment for 10"
2	GK6484	Hopper Flight Weldment with Tail Stub for 8" (3/16" Ga. Flighting)
	GK6485	Hopper Flight Weldment with Tail Stub for 8" (1/4" Ga. Flighting)
	GK6487	Hopper Flight Weldment with Tail Stub for 10" (3/16" Ga. Flighting)
	GK6488	Hopper Flight Weldment with Tail Stub for 10" (1/4" Ga. Flighting)
3	GK1360	Lid with Hinge for 8"
	GK1361	Lid with Hinge for 10"
4	GK1560	Bearing Stub for 8" (1" x 7-1/4" Long)
	GK1487	Bearing Stub for 10" (1-1/4" x 8" Long)
5	GK1357	Bearing Hanger Weldment with Bearing for 8" (1" Bore)
	GK1359	Bearing Hanger Weldment with Bearing for 10" (1-1/4" Bore)
6	GK1362	Rubber Mat
7	GK1482	Rubber Mat Strap
8	GK1526	Hopper Wheel
9	GK1266	U-Joint for 8" (1" Bore x 5" Long)
	GK1483	U-Joint for 10" (1-1/4" Bore x 5" Long)
10	GK1559	Incline Flight Tail Stub for 8" (1" x 6" Long)
	GK1484	Incline Flight Tail Stub for 10" (1-1/4" x 5-3/4" Long)
11	GC10634	Tube - 08" x 116" Std Incline Tube Assy
12	GK6980	Screw - 8" X 7" Pitch x 9'-8"
11	GK6968	Tube - 08" x 144" Std Incline Tube Assy
12	GK6981	Screw - 8" X 7" Pitch x 12'-0"
11	GC10685	Tube - 10" Standard Profile 10" x 10'-0"
12	GK6950	Screw - 10" X 9" Pitch x 10'-0"
11	GC10445	Tube - 10" Standard Profile 10" X 13'-4"
12	GK6952	Screw - 10" X 9" Pitch x 13'-4"
15	GC10324	Swivel Spout Weldment for 8"
	GC10385	Swivel Spout Weldment for 10"
17	GK1534	Rubber Sleeve for 8"
	GK1535	Rubber Sleeve for 10"
18	GK2265	Cover Strap for 8"
	GK1358	Cover Strap for 10"
19	GK1550	Incline Flight to Tail Stub—Stub Bolt Kit for 8"
	GK1536	Incline Flight to Tail Stub—Stub Bolt Kit for 10"

STANDARD BE-SAW COMPONENTS

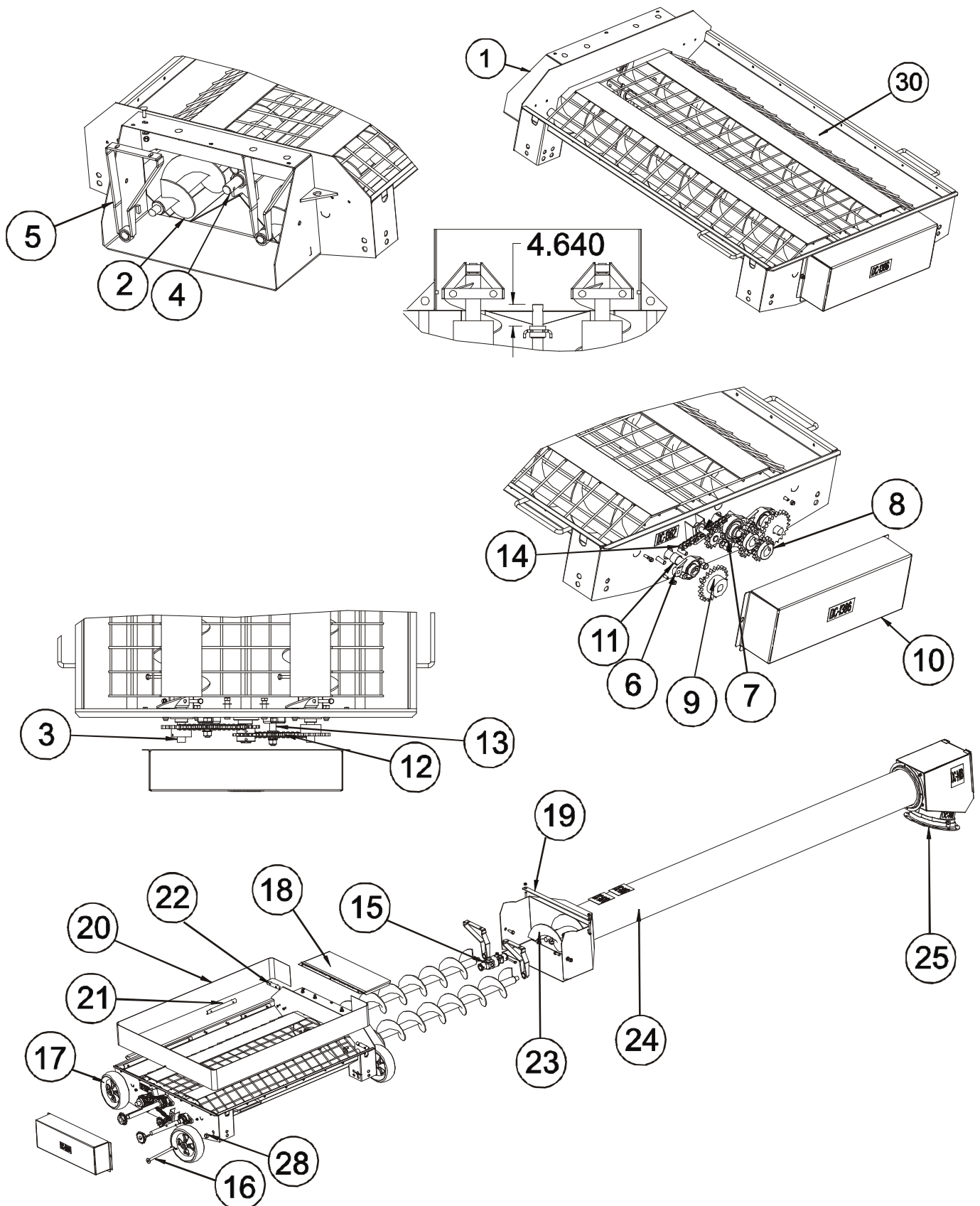


Connecting Components			
8" Standard Flight Mounted on 1.90" O.D. Tubing			
10" Standard and Heavy Flighting Mounted on 2 3/8" O.D. Tubing			
Ref. #	8" Part #	10" Part #	Description
22	S-8316	--	Connecting Bolt 7/16"-14 x3" HHCS Zinc YDP Gr 8 (8" Upper)
	S-7249	--	Connecting Bolt 3/8"-16 x3 " HHCS Zinc YDP Gr 5 (8" Lower)
	--	S-8314	Connecting Bolt 1/2"-13 x3-1/2 " HHCS Zinc Gr 8 (10" Upper)
	--	S-9185	Connecting Bolt 7/16"-14 x3-1/2 " HHCS Zinc YDP Gr 8 (10" Lower)
23	S-8317	S-8317	7/16"-14 ZN GrC Stover Type Locknut (10" Upper) & (8" Upper)
	--	S-8315	1/2"-13 ZN GrC Stover Type Locknut (10" Upper)
	S-7383	--	3/8"-16 ZN Locknut (8" Lower)
24	S-248	--	3/8" Flat Washer - USS Zinc GR2 (8" Lower)
	--	S-8320	7/16" Flat Washer - USS Zinc (10" Lower)

10" LOW PROFILE BE-SAW COMPONENTS

10" Low Profile Be-Saw Component		
Ref. #	Part #	Description
1	GK5813	Swing Away Hopper with Bushing
2	GK5811	Flight 7" O.D. x 7 Ga.
	GK5825	Flight 7" O.D. x 1/4".
3	GK5820	1" x 9" Intake Shaft
4	GK6954	1.25" x 60-15/16" Drive Shaft
5	GK5810	Hanger Bearing
6	GK1049	2 Hole Flange Bearing w/ 1" Bore & Lock Collar
7	GK1330	2 Hole Flange Bearing w/ 1.25" Bore & Lock Collar
8	GK1021	15 Tooth Sprocket 1.25" Bore
9	GK1110	22 Tooth Sprocket 1.00" Bore # 50 w/ Keyway
10	GK5821	Chain Guard
11	GK5900	Spacer Bushing 1.25" x .083" x .875"
12	GK1701	13 Tooth Idler Sprocket #50 x 5/8" Bore
14	GK6393	# 50 Roller Chain
13	GK5965	Spacer Bushing .843" x .109" x 1.00"
15	GK1483	U-Joint for 10" (1.25" bore x 5" long)
16	GK5857	Clevis Pin 5/8" x 9-3/4"
17	GK5817	Wheel 10" Dia. X 3.25" Wide
18	GK5815	Hopper Lid Weldment
19	GK5814	Lid Strap
20	GK5822	.125" x 6" x 161" Rubber Mat
21	GK1482	9.875" Rubber Mat Strap
22	GK5824	4.875" Rubber Mat Strap
23	GK6858	Screw - 10" X 9" Pitch x 10'-1 15/16"
24	GC10691	Tube - 10" x 120" Lo-Pro Incline Tube Assy
23	GK6959	Screw - 10" X 9" Pitch x 12'-10 15/16"
24	GC10437	Tube - 10" x 153" Lo-Pro Incline Tube Assy
25	GC10386	10" Swivel Spout Assembly
28	GK6394	Wheel Spacer Bushing

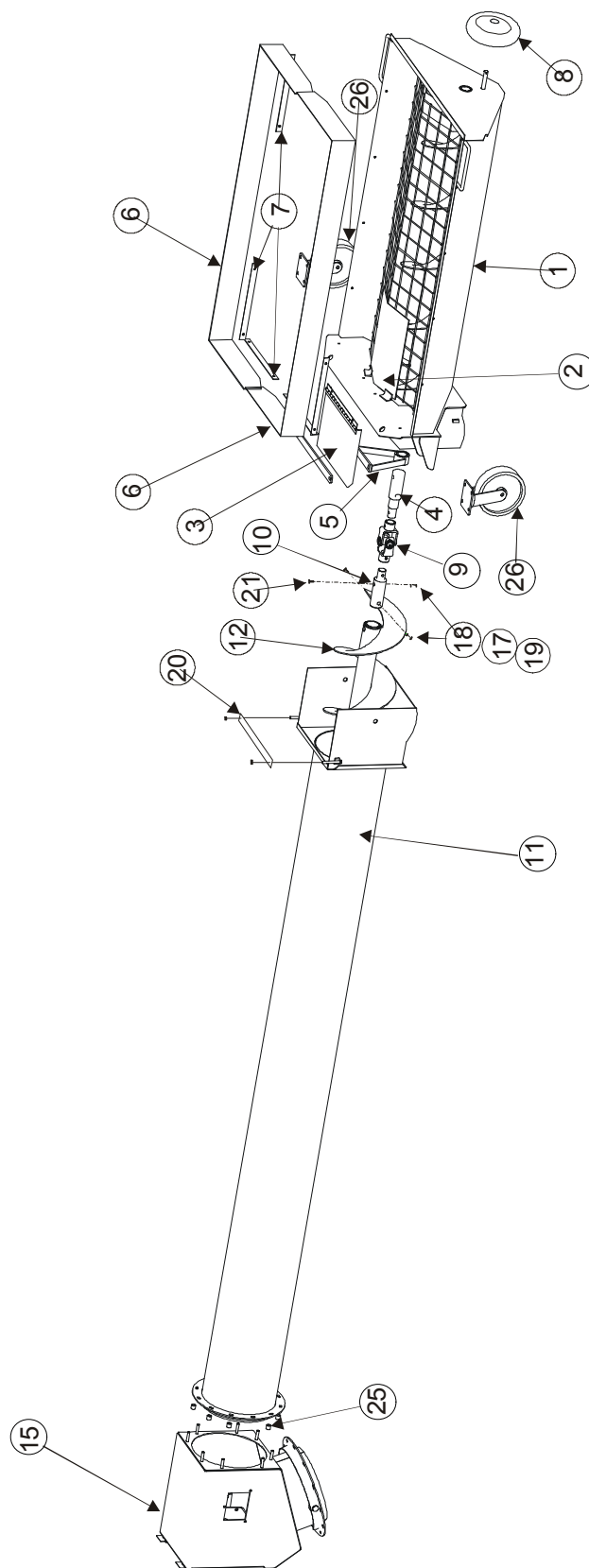
10" LOW PROFILE BE-SAW COMPONENTS



12" STANDARD BE-SAW COMPONENTS

Ref No.	Part No.	Description
1	GK4255	Hopper
2	GK4256	Hopper Flight Weldment 3/16
	GK4257	Hopper Flight Weldment 1/4"
3	GK4144	Lid w/Hinge
4	GK4254	Bearing Hanger Stub
5	GK4253	Bearing Hanger
N/S	GK1303	Bronze Bushing 1.875" O.D. x 1 1/2" I.D. (in bearing hanger)
6	GK4289	Rubber Mat
7	GK4258	Rubber Mat Strap
8	GK1526	Rubber Wheel w/Steel Pin
9	GK1291	U-Joint (1 1/4" bore x 7") (12N)
10	GK4102	Shaft: Incline Flight Stub
11		Incline Tube Weldment
	GC10574	Standard Tube 13' 3" Nominal
	GC10577	Standard Tube 15' 3" Nominal
12		Incline Flight
	GK7007	w/7ga Flighting X 15' Nominal
	GK7008	w/7ga Flighting X 17' Nominal
15	GC10503	12" Swivel Spout Weldment
17	S-7509	Washer, Flat 1/2"
18	GK1535	Rubber Sleeve
19	S-8315	Nut, Lock 1/2-13
20	GK3833	Lid Cover Strap
21	S-8400	Bolt HHCS 1/2" - 13 x 3 3/4" Long Zinc Coated Grade 5
24	S-8251	Nut, Lock 3/8-16
25	GK4292	Spacer Bushing for Swivel Spout to Incline Tube
26	GK4147	Wheel: 8" Caster

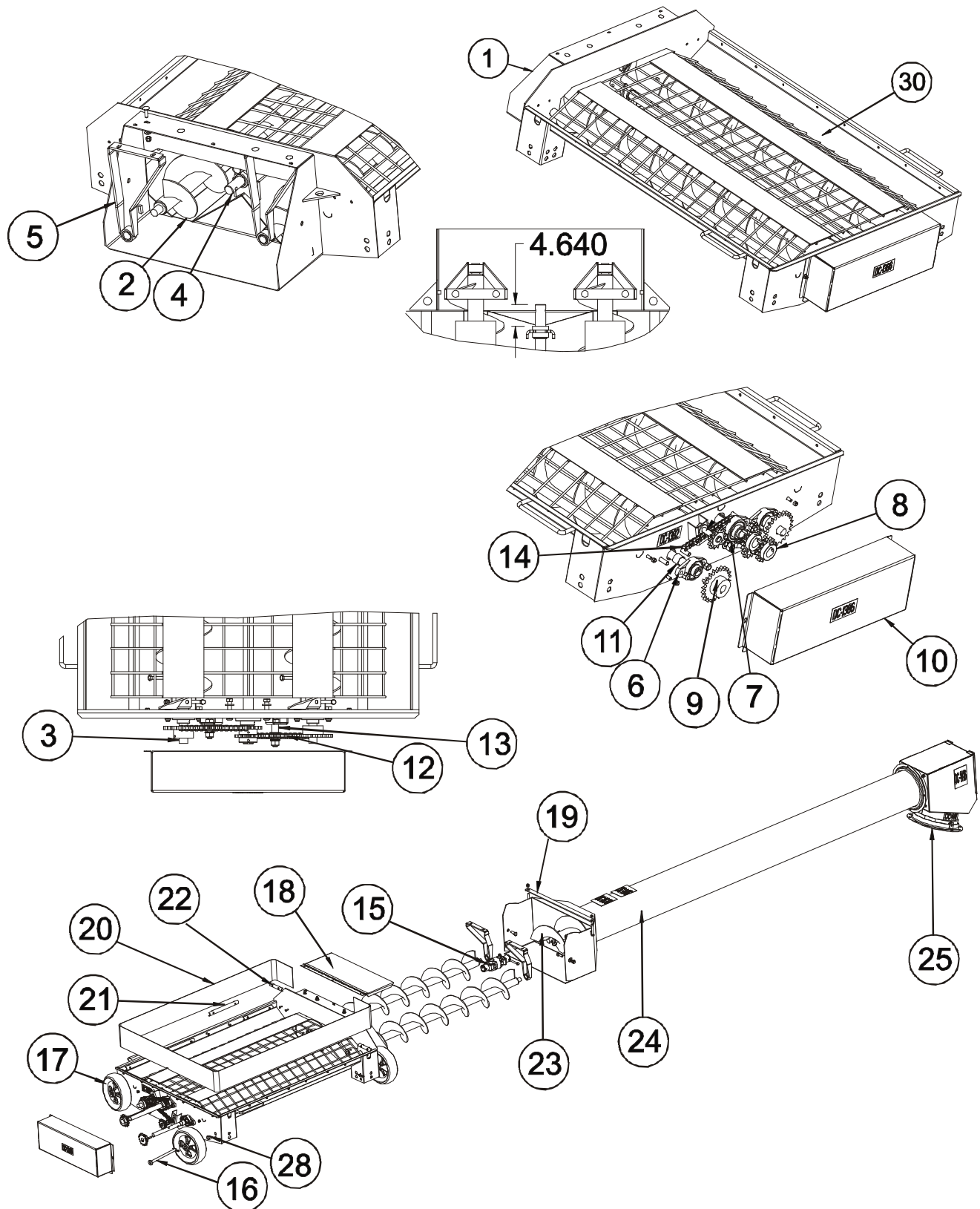
12" STANDARD BE-SAW COMPONENTS



12" LOW-PROFILE BE-SAW HOPPER

12" LOW PROFILE BE-SAW HOPPER		
Ref #	Part #	Description
1	GK5813	Swing Away Hopper w/Bushing
2	GK5811	Flight 7" O.D. x 7 ga
	GK5825	Flight 7" O.D. x 1/4"
3	GK5820	1" x 9" Intake Shaft
4	GK5812	1.25" x 57" Drive Shaft
5	GK5810	Hanger Bearing
6	GK1049	2 Hole Flange Bearing w/1" Bore & Lock Collar
7	GK1330	2 Hole Flange Bearing w/1.25" Bore & Lock Collar
8	GK1021	15 Tooth Sprocket 1.25" Bore
9	GK1014	15 Tooth Sprocket 1.00" Bore
10	GK5821	12" Chain Guard
11	GK5900	Spacer Bushing 1.25" x .083" x .875"
12	GK5823	#50 Roller Chain
13	GK1701	13 Tooth Idler Sprocket #50 x 5/8" Bearing
14	GK5965	Spacer Bushing .843" x .109" x 1.00"
15	GK5819	CV Joint 1.25" x 8.875"
16	GK5857	Clevis Pin 5/8" x 9 3/4"
17	GK5817	Wheel 10" Dia x 3.25" Wide
18	GK5815	Hopper Lid Weldment
19	GK5814	Lid Strap
20	GK5822	.125" x 6" x 161" Rubber Mat
21	GK1482	9.875" Rubber Mat Strap
22	GK5824	4.875" Rubber May Strap
23	GK7007	12" Incline Flight Assembly 7 Ga. X 15' Nominal
	GK7008	12" Incline Flight Assembly 7 Ga. X 17' Nominal
24	GC10580	12" Incline Tube Assembly 12' 8" Nominal
	GC10583	12" Incline Tube Assembly 14' 8" Nominal
25	GC10503	12" Swivel Spout Assembly
28	GK6394	Wheel Spacer Bushing

12" LOW-PROFILE BE-SAW COMPONENTS



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