

WEIGH HOPPERS EQUIPMENT REVISION: 02A



PARTS MANUAL

Document: MD-09-06-5017 Revision: A Effective Date: 03-2020













INTRODUCTION

Thank you for choosing USC LLC for your equipment needs. We appreciate your business and will work diligently to ensure that you are satisfied with your choice.

OVERVIEW

The purpose of this manual is to provide you with the basic information needed to operate and maintain the Weigh Hopper. It does not hold USC LLC liable for any accidents or injuries that may occur.

The technical information provided in this document is based on extensive testing under controlled conditions at the USC research and development facility. This information is given without guarantee as the conditions of operation and storage of the equipment are beyond our control.

RECEIVING YOUR EQUIPMENT

As soon as the equipment is received, it should be carefully inspected to make certain that it has sustained no damage during shipment and that all items listed on the packing list are accounted for. If there is any damage or shortages, the purchaser must immediately notify USC LLC. Ownership passes to purchaser when the unit leaves the USC LLC. premises. The purchaser is responsible for unloading and mounting all components of the equipment.

Document the serial number of the machine for future reference. The serialization label is located on the angle bracket welded to the hopper cone

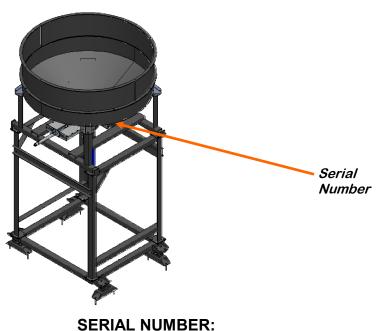






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SAFETY INSTRUCTIONS

Every year accidents in the work place maim, kill and injure people. Although it may be impossible to prevent all accidents, with the right combination of training, operating practices, safety devices, and operator vigilance, the number of accidents can be significantly reduced. The purpose of this section is to educate equipment users about hazards, unsafe practices, and recommended hazard avoidance techniques.

SAFETY WORDS AND SYMBOLS

It is very important that operators and maintenance personnel understand the words and symbols that are used to communicate safety information. Safety words, their meaning and format, have been standardized for U.S. manufacturers and published by the American National Standards Institute (ANSI). The European Community (E.C.) has adopted a different format based on the International Standards Organization (I.S.O.) and applicable machinery directives. Both formats are presented below. Graphic symbols are not standardized, but most manufacturers will use some variation of the ones seen in this manual.



Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, **could** result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, **may** result in minor or moderate injury and/or property damage.



Provides additional information that the operator needs to be aware of to avoid a potentially hazardous situation.





Mandatory Lockout Power Symbol. Disconnect, lockout and tagout electrical and other energy sources before inspecting, cleaning or performing maintenance on this panel.



International Safety Alert Symbol. The exclamation point (!) surrounded by a yellow triangle indicates that an injury hazard exists. However, it does not indicate the seriousness of potential injury. The exclamation point (!) is also used with the DANGER, WARN-ING and CAUTION symbols so the potential injury is indicated.



Electrocution Hazard Symbol. This symbol indicates that an electrocution hazard exists. Serious injury or death could result from contacting high voltage.



International Electrocution Hazard. This symbol indicates that an electrocution hazard exists. Serious injury or death could result from contacting high voltage.



Mandatory Read Manual Action Symbol. (I.S.O. format) This symbol instructs personnel to read the Operators Manual before servicing or operating the equipment.



Mandatory Read Manual Action Symbol. This symbol instructs personnel to read the Operators Manual before servicing or operating the equipment.



Notice is used to notify people of important installation, operation or maintenance information which is not hazard related.



LOCKOUT / TAGOUT PROCEDURES

Lockout/Tagout is the placement of a lock/tag on an energy isolating device in accordance with an established procedure. When taking equipment out of service to perform maintenance or repair work, always follow the lockout/tagout procedures as outlined in OSHA Standard 1910.147. This standard "requires employers to establish a program and utilize procedures for affixing appropriate lockout devices or tagout devices to energy isolating devices and to otherwise disable machines or equipment to prevent unexpected energizing, start-up, or release of stored energy in order to prevent injury to employees."

HAZARD REVIEW

Electrocution Hazard







Electrocution accidents are most likely to occur during maintenance of the electrical system or when working on or near exposed high voltage wiring. This hazard does not exist when the electrical power has been disconnected, properly locked, and tagged out.



YOU are responsible for the **SAFE** operation and maintenance of your USC LLC equipment . **YOU** must ensure that you and anyone else who is going to operate, maintain or work around the equipment be familiar with the operating and maintenance procedures and related **SAFETY** information contained in this manual. This manual will take you step-by-step through your working day and alert you to good safety practices that should be adhered to while operating the equipment

Remember, **YOU** are the key to safety. Good safety practices not only protect you, but also the people around you. Make these practices a working part of your safety program. Be certain that **EVERYONE** operating this equipment is familiar with the recommended operating and maintenance procedures and follows all the safety precautions. Most accidents can be prevented. Do not risk injury or death by ignoring good safety practices.

- Equipment owners must give operating instructions to operators or employees before allowing them to operate the machine, and at least annually thereafter per OSHA (Occupational Safety and Health Administration) regulation 1928.57.
- The most important safety device on this equipment is a SAFE operator. It is the
 operator's responsibility to read and understand ALL Safety and Operating
 instructions in the manual and to follow them. All accidents can be avoided.
- A person who has not read and understood all operating and safety instructions is not qualified to operate the machine. An untrained operator exposes himself and bystanders to possible serious injury or death.
- Do not modify the equipment in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the equipment.
- Think SAFETY! Work SAFELY!

GENERAL SAFETY

- 1. Read and understand the operator's manual and all safety labels before operating, maintaining, adjusting or unplugging the equipment.
- 2. Only trained persons shall operate the equipment . An untrained operator is not qualified to operate the machine.
- 3. Have a first-aid kit available for use should the need arise, and know how to use it.







- 4. Provide a fire extinguisher for use in case of an accident. Store in a highly visible place.
- 5. Do not allow children, spectators or bystanders within hazard area of machine.
- 6. Wear appropriate protective gear. This includes but is not limited to:
 - A hard hat
 - Protective shoes with slip resistant soles
 - Protective goggles
 - Heavy gloves
 - Hearing protection
 - Respirator or filter mask
- 7. Place all controls in neutral or off, stop motor, and wait for all moving parts to stop. Then disable power source before servicing, adjusting, repairing, or unplugging.
- 8. Review safety related items annually with all personnel who will be operating or maintaining the equipment.







OPERATING SAFETY:

- 1. Read and understand the operator's manual and all safety labels before using.
- 2. Disconnect and disable electrical supply completely and wait for all moving parts to stop before servicing, adjusting, repairing or unplugging.
- 3. Clear the area of bystanders, especially children, before starting.
- 4. Be familiar with the machine hazard area. If anyone enters hazard area, shut down machine immediately. Clear the area before restarting.
- 5. Keep hands, feet, hair and clothing away from all moving and/or rotating parts.
- 6. Stay away from overhead obstructions and power lines during operation and transporting. Electrocution can occur without direct contact.
- 7. Do not operate machine when any guards are removed.
- 8. Inspect welds and repair if needed.



PLACEMENT SAFETY

- 1. Move only with the appropriate equipment.
- 2. Stay away from overhead power lines when moving equipment. Electrocution can occur without direct contact.
- 3. Be familiar with machine hazard area. If anyone enters hazard areas, shut down machine immediately. Clear the area before restarting.
- 4. Operate the equipment on level ground free of debris. Anchor the equipment to prevent tipping or upending.



Before placement of the equipment, be sure that ground is reasonably level. The equipment may topple or work improperly if the ground is too uneven, damaging the equipment and/or causing personal injury.

MAINTENANCE SAFETY

- 1. Review the operator's manual and all safety items before working with, maintaining or operating the equipment .
- 2. Place all controls in neutral or off, stop motors, disable power source, and wait for all moving parts to stop before servicing, adjusting, repairing or unplugging.
- 3. Follow good shop practices:

Keep service area clean and dry. Be sure electrical outlets and tools are properly grounded. Use adequate light for the job at hand.



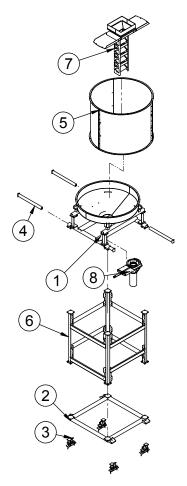
- 4. Keep hands, feet, hair and clothing away from all moving and/or rotating parts.
- 5. Clear the area of bystanders, especially children, when carrying out any maintenance and repairs or making any adjustments.
- 6. Before resuming work, install and secure all guards when maintenance work is completed.
- 7. Keep safety labels clean. Replace any sign that is damaged or not clearly visible.



SECTION MECHANICAL DRAWINGS

The following pages show the parts of the Weigh Hopper. Please have the serial number and part number ready when ordering parts.

STANDARD ASSEMBLY

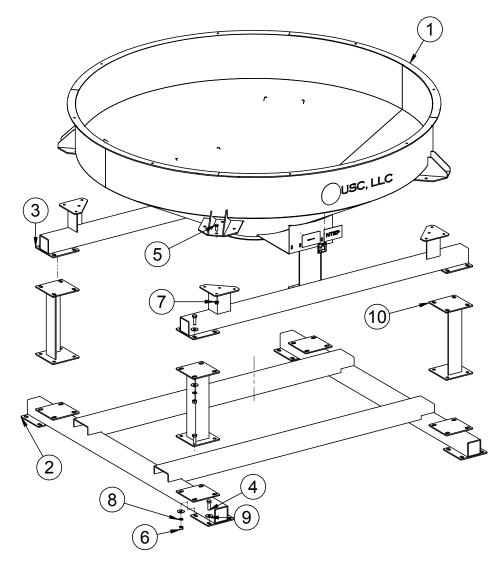


Item #	PART#	Description	See Page
1		WEIGH HOPPER HEAD ASSEMBLY	11
2	05-03-0870	BASE WELDMENT	
3		LOAD CELL KIT	12
4	05-03-1080	WEIGHT HANGERS WELDMENT	
5		EXTENSION RINGS	13
6		LEGS	14
7		SEED LADDERS	15-16
8		GATES	17-30
9		MISC	31

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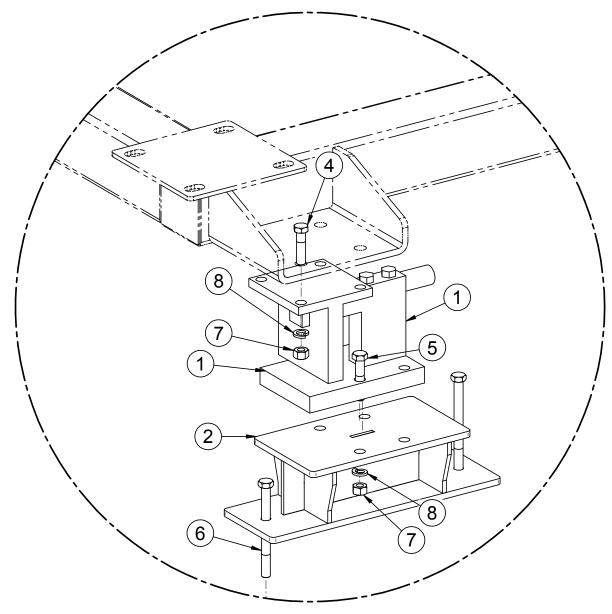
ASSEMBLY WEIGH HOPPER 80 UNIT WITH FRAME (05-07-1061 REV A0)



PART #		05-07-1061 REV A0	
Item #	Part #	Description	Qty
1	05-03-0081	WDMT HOPP CONE 80 UNIT	1
2	05-03-1950	WDMT BASE FR WEIGH HPR 80 76 CTR	1
3	05-03-1951	WDMT SUPP FR WH80 76CTR	2
4	06-01-0032	BOLT .625-11 X 2.00 ZP GR5	48
5	06-01-0193	BOLT .500-13 X 1.25 HH ZP GR8	12
6	06-02-0005	NUT FULL .625-11 ZP GR5	48
7	06-03-0015	NUT LOCK FLG .500-13 ZP GR5	12
8	06-04-0005	WSHR LOCK SPLT .625 ZP	48
9	06-05-0006	WSHR FLAT .625 ZP	80
10	105D28	WDMT WEIGH HOPP FR 18.5 OAH ANGLE	4



KIT LOAD CELL RICE LAKE WEIGH HOPPER 80 (05-07-1044 REV A1)



PART #		05-07-1044 REV A1	
Item #	Part #	Description	Qty
1	03-19-0107	LDCL 5000LB X4 KIT	1
2	05-03-1954	WDMT LDCL SUPP RL	4
3	05-08-0865	SHIM KIT WEIGH HOPPER LDCL RL	1
4	06-01-0027	BOLT .500-13 X 2.00 ZP GR5	16
5	06-01-0028	BOLT .500-13 X 2.50 ZP GR5	16
6	06-01-0179	BOLT .500-13 CONC ANCHOR ZP 5.500	8
7	06-02-0004	NUT FULL .500-13 ZP GR5	32
8	06-04-0004	WSHR LOCK SPLT .500 ZP	32

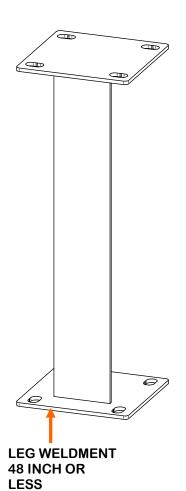


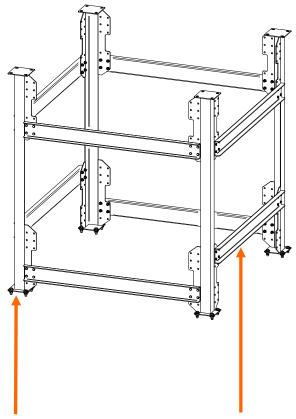
EXTENSION RINGS

EXTENSION RINGS (COMPLETE)				
PART # CAPACITY DESCRIPTION				
05-03-0630	60	ASSY HOPP 18IN EXT FOR 80 UNIT		
05-03-1402	150	ASSY HOPP 44IN EXT .33 SECT 80 UNIT		
05-03-1390	220	ASSY HOPP 71IN EXT .33 SECT 80 UNIT		



LEG KITS





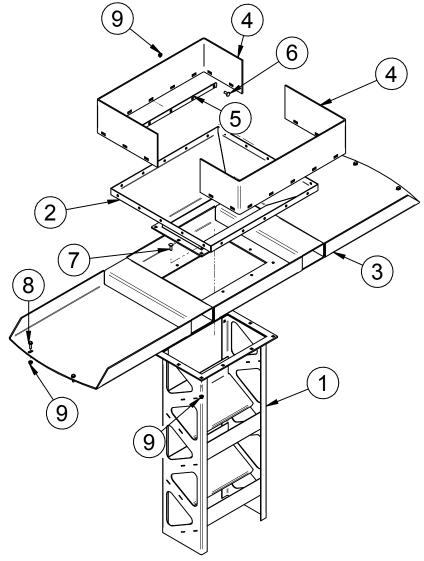
LEG WELDMENT 88 INCH OR GREATER

BRACE FOR LEGS 88 INCH OR GREATER

	LEG HEIGHTS					
LEG PART #	DESCRIPTION	DISCHARGE	LEG LENGTH			
13-05-1896	WDMT COLUMN WH 24 OAH	36.5	24.0			
05-03-1897	WDMT COLUMN WH 40 OAH	52.5	40.0			
05-03-1898	WDMT COLUMN WH 44 OAH	56.5	44.0			
05-03-1899	WDMT COLUMN WH 48 OAH	60.5	48.0			
05-03-1900	WDMT COLUMN WH 88 OAH	100.5	88.0			
05-03-1967	WDMT COLUMN WH 101 OAH	113.5	101.0			
05-03-1902	WDMT COLUMN WH 110 OAH	122.5	110.0			
05-03-1903	WDMT COLUMN WH 116 OAH	128.5	116.0			
05-03-1905	WDMT COLUMN WH 127 OAH	139.5	127.0			
05-03-1968	WDMT COLUMN WH 130 OAH	142.5	130.0			
05-10-4804	BRACE WH80 76 CTRS	N/A	N/A			



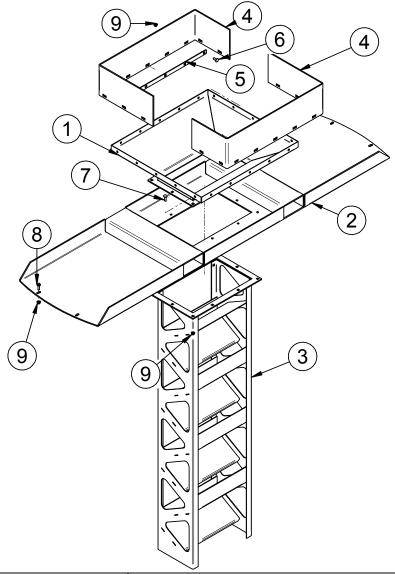
ASSEMBLY SEED LADDER 44 INCH (05-03-1396 REV A1)



PART #		05-03-1396 REV A1	
Item #	Part #	Description	Qty
1	05-03-0662	WDMT SEED LADDER 59 TALL	1
2	05-03-0668	WDMT REMV SEED LADDER HOPP	1
3	05-03-1382	WDMT MNT PLT REMV SEED LADDER 89 DI	1
4	05-10-3296	PLT REMV SEED LADDER HOPP EXT RBBR	2
5	05-10-3308	PLT REMV SEED LADDER HOPP EXT HLDR	4
6	06-01-0115	BOLT CRG .375-16 X 1.00 ZP GR5	20
7	06-01-0127	BOLT CRG .375-16 X 1.25 ZP GR5	10
8	06-01-0284	BOLT FLG .375-16 X 1.25 GR8	4
9	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	34



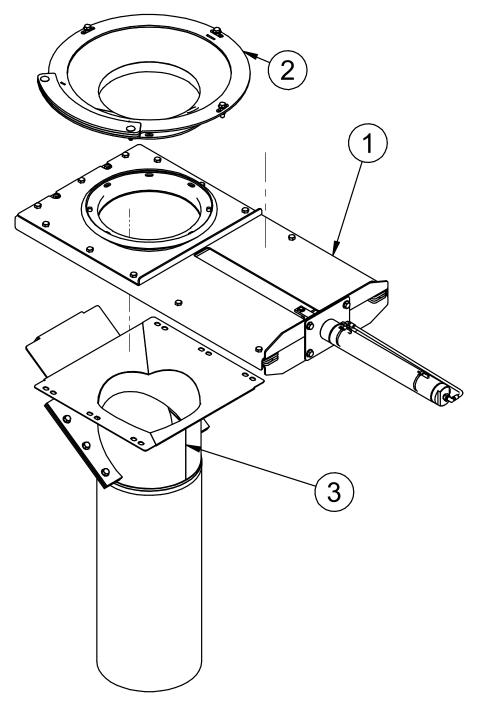
ASSEMBLY SEED LADDER 71 INCH (05-03-1394 REV A1)



PART #		05-03-1394 REV A1	
Item #	Part #	Description	Qty
1	05-03-0668	WDMT REMV SEED LADDER HOPP	1
2	05-03-1382	WDMT MNT PLT REMV SEED LADDER 89 DI	1
3	05-03-1395	WDMT SEED LADDER 89 DIA 71 EXT	1
4	05-10-3296	PLT REMV SEED LADDER HOPP EXT RBBR	2
5	05-10-3308	PLT REMV SEED LADDER HOPP EXT HLDR	4
6	06-01-0115	BOLT CRG .375-16 X 1.00 ZP GR5	20
7	06-01-0127	BOLT CRG .375-16 X 1.25 ZP GR5	10
8	06-01-0284	BOLT FLG .375-16 X 1.25 GR8	4
9	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	34



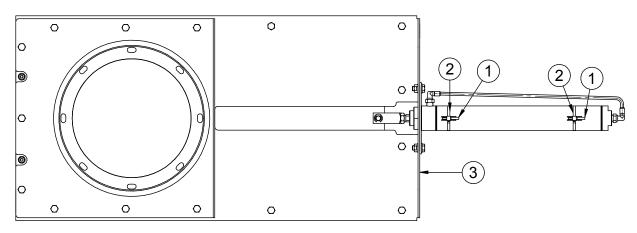
ASSEMBLY AIR GATE (GATEA13 REV A0)



PART #		GATEA13 REV A0		
ltem #	Part #	Description	Qty	See Page
1	12-04-0050	SLGT UNVRSL 10 IN GATE W REED SW	1	18
2	12-04-0053	ADAPTER SLGT UNVRSL TO 80 U	1	21
3	12-04-0057	FLOW CONTROL OUTLET	1	22



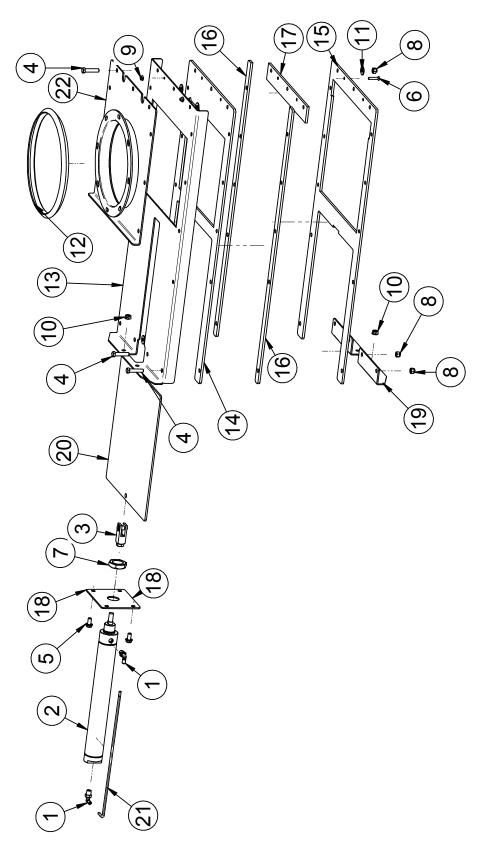
ASSEMBLY UNIVERSAL 10 IN GATE WITH REED SWITCH (12-04-0050 REV B1)



PART #		12-04-0050 REV B2		
ltem #	Part #	Description	Qty	See Page
1	03-17-0161	SW MAG REED IFM MK5159	2	
2	03-17-0163	SW MAG REED STRAP IFM 1-3/4 TO 2"	2	
3	12-04-0078	SLGT UNVRSL 10 IN GATE	1	19



ASSEMBLY UNIVERSAL 10 IN GATE (12-04-0078 REV A2)



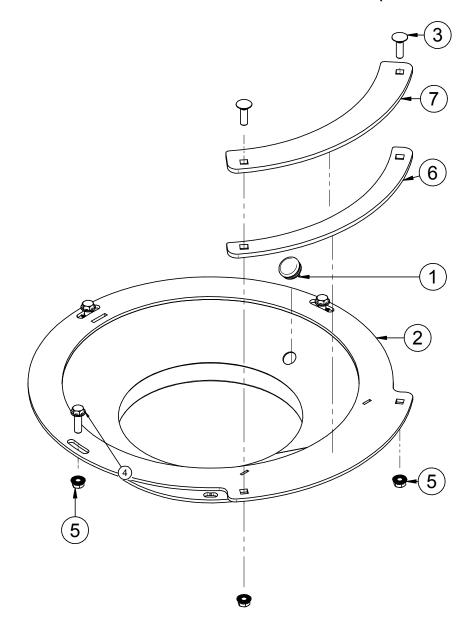


ASSEMBLY UNIVERSAL 10 IN GATE (12-04-0078 REV A2)

P	ART#	12-04-0078 REV A2	
Item #	Part #	Description	Qty
1	02-16-0044	FTTG PUSH 90 DEG .2500D X .250 NPT	2
2	03-17-0040	CYLINDER AIR 12" STROKE 2" BORE	1
3	03-17-0041	CLEVIS ASSY BIMBA D-8313-A	1
4	06-01-0019	BOLT .375-16 X 1.75 ZP GR5	15
5	06-01-0124	BOLT FLG .375-16 X .750 ZP GR5	4
6	06-01-0155	SCRW MACH .250-20 X 1.25 SH FLHD	2
7	06-02-0064	NUT BIMBA D-508	1
8	06-03-0003	NUT NYL LOCK .375-16 ZP GR5	15
9	06-03-0013	NUT LOCK FLG .250-20 ZP GR5	2
10	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	4
11	06-05-0004	WSHR FLAT .375 ZP	15
12	06-07-0051	CLMP BAND 10.00IN	1
13	105218	GATE FRAME	1
14	105219	GATE TOP SLIDE	1
15	10521A	GATE BTM SLIDE	1
16	10521B	GATE BTM SLIDE	2
17	10521C	GATE END SPCR	1
18	10521D	POWER PLATE	1
19	10521E	CYL MNT PLT	1
20	10521F	GATE SLIDE WB	1
21	105D46	SHIPPING TUBE	1
22	12-04-0069	WDMT FLNG ADPT SLD GATE	1



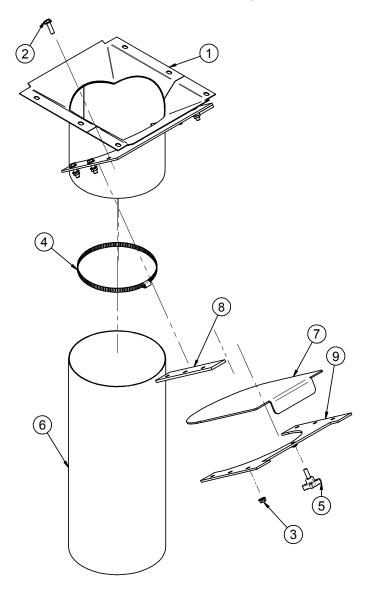
ASSEMBLY ADAPTER SLIDE GATE TO 80 UNIT HOPPER (12-04-0053 REV A1)



PART #		12-04-0053 REV A1	
Item #	Part #	Description	Qty
1	03-08-0130	PLUG STEEL 22MM	1
2	05-03-1771	WDMT 80 U TO SLGT	1
3	06-01-0127	BOLT CRG .375-16 X 1.25 ZP GR5	2
4	06-01-0189	BOLT FLG .375-16 X 1.250 ZP GR5	3
5	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	5
6	105BDD	PLT ATTACH SPACER	1
7	105BDE	PLT ATTACH	1



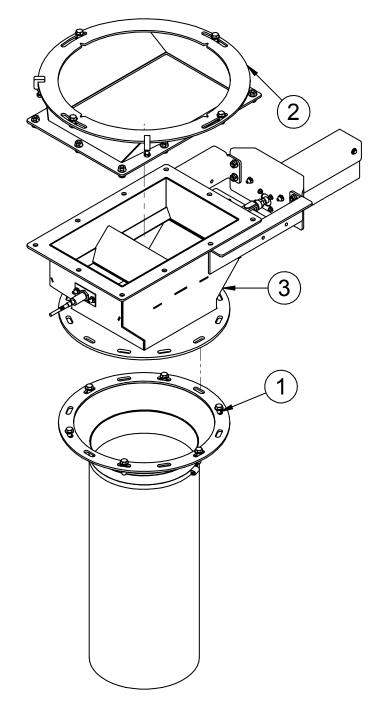
ASSEMBLY FLOW CONTROL OUTLET (12-04-0057 REV B0)



PART #		12-04-0057 REV BO	
Item #	Part #	Description	Qty
1	05-03-1772	WDMT FLOW CONTROL	1
2	06-01-0189	BOLT FLG .375-16 X 1.250 ZP GR5	6
3	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	6
4	06-07-0027	CLMP HOSE 9.375 TO 12.25 X 9/16 SS	1
5	06-09-0066	KNOB .375 -16 X 1. 4 LUG PLASTIC	1
6	103D92	CNVR DSCHG SPOUT EXT 10ID	1
7	105D3B	SLIDER FLOW CONTROL	1
8	105D3D	FC-11	2
9	105D3F	WDMT FC GATE PLT	1



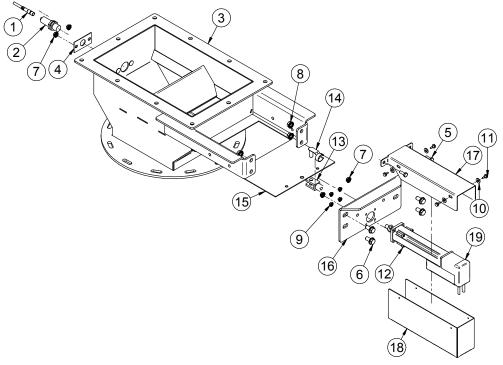
ASSEMBLY LIW GATE V-3 (GATE311 REV A0)



PART #		GATE311 REV A0		
Item #	Part #	Description	Qty	See Page
1	12-04-0072	ASSY ADPT LIW GATE TO CNVR 10IN	1	30
2	12-04-0075	ASSY ADPT LIW 80 UNIT	1	29
3	12-04-0079	ASSY LIW GATE V3 TRTR & WH	1	24



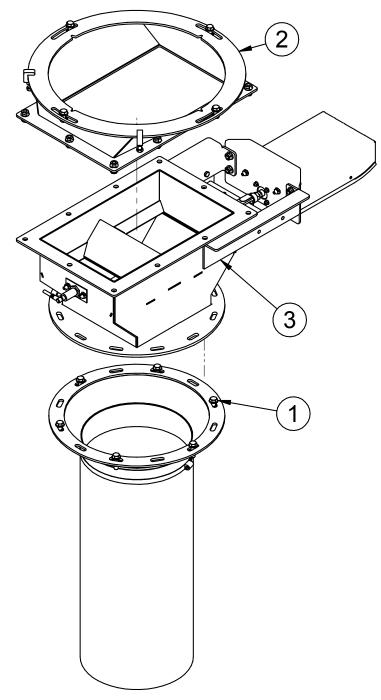
ASSEMBLY LIW GATE V-3 (12-04-0079 REV B0)



PART #		12-04-0079 REV B0	
Item #	Part #	Description	Qty
1	03-08-0316	CONN TRCK RK4.4T-8-RS4.4T/S760/S771	1
2	03-10-0173	SENS PROX 24VDC IFM KG6000	1
3	05-03-1764	WDMT AT500 LIW GATE RECT	1
4	05-10-3316	PLT SMW PROX SW MNT	1
5	06-01-0006	BOLT .250-20 X .750 ZP GR5	2
6	06-01-0124	BOLT FLG .375-16 X .750 ZP GR5	4
7	06-03-0013	NUT LOCK FLG .250-20 ZP GR5	4
8	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	4
9	06-03-0031	NUT LOCK FLG M5-0.8 GR8.8	4
10	06-05-0017	WSHR FLAT #10 ZP	4
11	06-06-0005	SCRW SDST 10-16 X .500 HH WSHR ZP	4
12	06-06-0083	SCRW SH M5-0.8 X 20MM BO	4
13	06-12-0043	CLVS 10-1.25 X 10MM	1
14	06-12-0044	PIN CLIP SPRING 10MM	1
15	105F4B	LIW GATE SLIDE	1
16	105F52	ACTR MNT PLT	1
17	105F85	CVR ACTR LIW ADJ CHMBR AT500	1
18	106459	ACTR BTM GRD	1
19	13-05-0740	ASSY DYADIC LIW ACTUATOR AT500/LPV	1



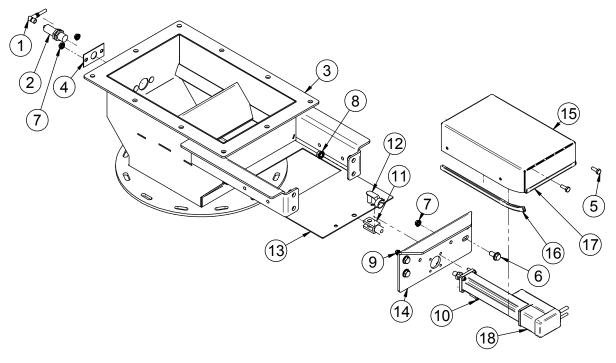
ASSEMBLY LIW GATE V-4 (GATEL11 REV A0)



PART #		GATEL11 REV A0		
Item #	Part #	Description	Qty	See Page
1	12-04-0072	ASSY ADPT LIW GATE TO CNVR 10IN	1	30
2	12-04-0075	ASSY ADPT LIW 80 UNIT	1	29
3	12-04-0080	ASSY LIW GATE V4 TRTR & WH	1	26



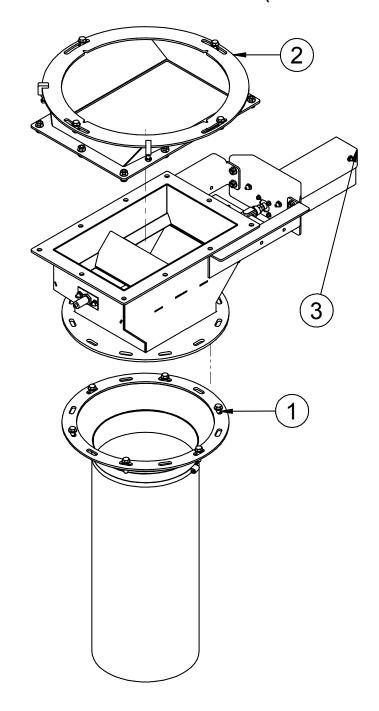
ASSEMBLY LIW GATE V-4 (12-04-0080 REV B0)



PART#		12-04-0080 REV B0	
Item #	Part #	Description	Qty
1	03-08-0423	CONN TRCK WK 4T-1-PSG 3M/S90	1
2	03-10-0173	SENS PROX 24VDC IFM KG6000	1
3	05-03-1764	WDMT AT500 LIW GATE RECT	1
4	05-10-3316	PLT SMW PROX SW MNT	1
5	06-01-0006	BOLT .250-20 X .750 ZP GR5	2
6	06-01-0124	BOLT FLG .375-16 X .750 ZP GR5	4
7	06-03-0013	NUT LOCK FLG .250-20 ZP GR5	4
8	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	4
9	06-03-0031	NUT LOCK FLG M5-0.8 GR8.8	4
10	06-06-0083	SCRW SH M5-0.8 X 20MM BO	4
11	06-12-0043	CLVS 10-1.25 X 10MM	1
12	06-12-0044	PIN CLIP SPRING 10MM	1
13	105F4B	LIW GATE SLIDE	1
14	105F52	ACTR MNT PLT	1
15	106BE2	CVR ACTR LIW ADJ CHMBR LPV B2B	1
16	106BE3	EDGING ACTR COVER	2
17	106BE4	EDGING ACTR COVER	1
18	13-04-0288	ASSY V4 LIW DYADIC ACTUATOR CNTRLS	1



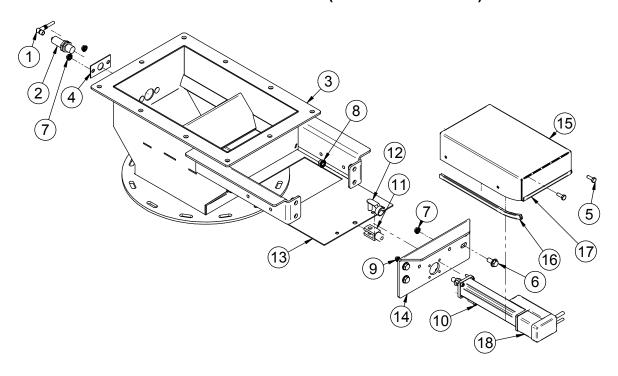
ASSEMBLY LIW GATE U-TREAT LITE (GATEB11 REV A0)



PART #		GATEB11 REV A0		
Item #	Part #	Description	Qty	See Page
1	12-04-0072	ASSY ADPT LIW GATE TO CNVR 10IN	1	30
2	12-04-0075	ASSY ADPT LIW 80 UNIT	1	29
3	12-04-0084	ASSY LIW GATE	1	28



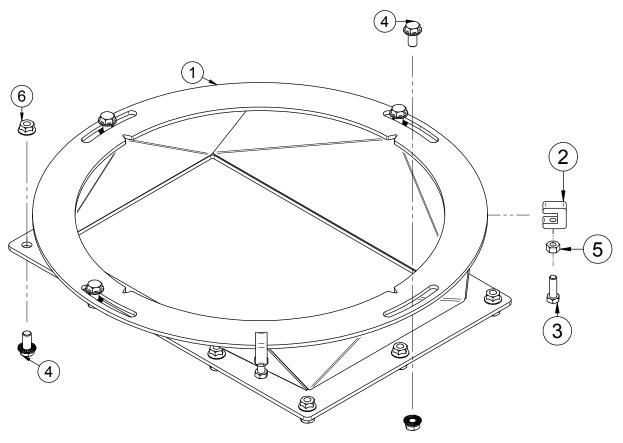
ASSEMBLY LIW GATE (12-04-0084 REV A0)



PART #		12-04-0084 REV A0	
Item#	Part #	Description	Qty
1	03-08-0316	CONN TRCK RK4.4T-8-RS4.4T/S760/S771	1
2	03-10-0173	SENS PROX 24VDC IFM KG6000	1
3	05-03-1764	WDMT AT500 LIW GATE RECT	1
4	05-03-3316	PLT SMW PROX SW MNT	1
5	06-01-0006	BOLT .250-20 X .750 ZP GR5	2
6	06-01-0124	BOLT FLG .375-16 X .750 ZP GR5	4
7	06-03-0013	NUT LOCK FLG .250-20 ZP GR5	4
8	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	4
9	06-03-0031	NUT LOCK FLG M5-0.8 GR8.8	4
10	06-05-0017	WSHR FLAT #10 ZP	4
11	06-06-0005	SCRW SDST 10-16 X .500 HH WSHR ZP	4
12	06-06-0083	SCRW SH M5-0.8 X 20MM BO	4
13	06-12-0043	CLVS 10-1.25 X 10MM	1
14	06-12-0044	PIN CLIP SPRING 10MM	1
15	105F4B	LIW GATE SLIDE	1
16	105F52	ACTR MNT PLT	1
17	105F85	CVR ACTR LIW ADJ CHMBR AT500	1
18	106459	ACTR BTM GRD	1
19	13-05-0741	ASSY DYADIC LIW ACTUATOR	1

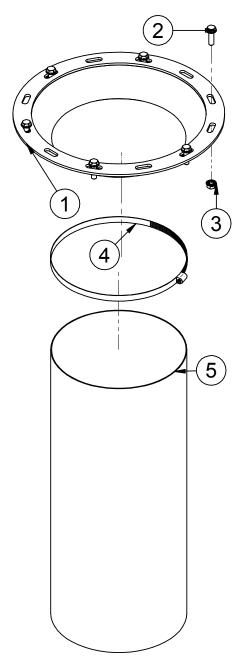


ASSEMBLY ADAPTER LIW TO 80 UNIT (12-04-0075 REV A1)



PART#		12-04-0075 REV A1	
Item #	Part #	Description	Qty
1	05-03-1868	WDMT GATE ADPT	1
2	05-10-0375	BRKT C CLIP .451 W/.313-18 THD HOLE	2
3	06-01-0012	BOLT .313-18 X 1.00 ZP GR5	2
4	06-01-0124	BOLT FLG .375-16 X .750 ZP GR5	14
5	06-02-0002	NUT FULL .313-18 ZP GR5	2
6	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	14

ASSEMBLY ADAPTER LIW GATE TO CONVEYOR 10 INCH (12-04-0072 REV A0)



PART #		12-04-0072 REV A0	
ltem #	Part #	Description	Qty
1	05-03-1867	WDMT AT500 LIW GATE ADPT 10IN OUT	1
2	06-01-0189	BOLT FLG .375-16 X 1.250 ZP GR5	6
3	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	6
4	06-07-0027	CLMP HOSE 9.375 TO 12.25 X 9/16 SS	1
5	103D92	CNVR DSCHG SPOUT EXT 10ID	1



KIT INDICATOR AND PRINT (13-05-0311 REV A0)

PART #		13-05-0311 REV A0	
Item #	Part #	Description	Qty
1	03-07-0142	CBL SERIAL 25 PIN TO 9 PIN	1
2	03-19-0061	DSPL INDI WGHT CRDNL 180 20K.LBS	1
3	05-10-3229	BRKT LX PRINTER SHELF	1
4	06-01-0124	BOLT FLG .375-16 X .750 ZP GR5	2
5	06-03-0014	NUT LOCK FLG .375-16 ZP GR5	2
6	08-09-0142	PAPER PNTR 3IN X 150 FT	3
7	09-05-0001	PNTR 9 PIN DOT MATRIX SCL TICKET	1
8	10306C	BRKT AIR VLV MNT	1
9	13-05-0303	KIT AIR CONTROL FOR DA CYLINDERS	1

DECAL PACKAGE 80 UNIT HOPPER (13-05-0323 REV A0)

PART #		13-05-0323 REV A0	
Item #	Part #	Description	Qty
1	09-01-0003	ATWK LBL MADE IN USA YEL 2.50X2.50	1
2	09-01-0043	ATWK LBL USC 22.00 X 5.75 PRO-CUT	2



INDEX BY PART NUMBER

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05-03-1390	A2	ASSY HOPP 71IN EXT .33 SECT 80 UNIT	13
05-03-1394	A1	ASSY SEED LADDER 89 DIA 71 EXT	16
05-03-1396	A1	ASSY SEED LADDER 89 DIA 44 EXT	15
05-03-1402	A2	ASSY HOPP 44IN EXT .33 SECT 80 UNIT	13
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13-05-0809	A0	KIT LEG WH FLR 56.5 DSCHG HT	14
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13-05-0811	A0	KIT LEG WH 100.5 DSCHG HT	14
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NOTES:



USC LIMITED WARRANTY

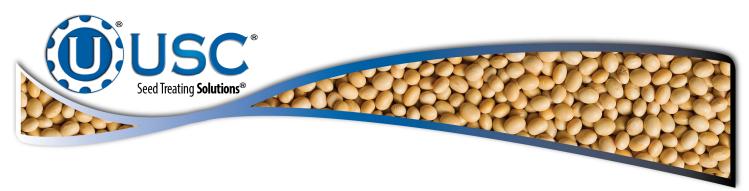
SECTION H

USC LLC, (Manufacturer) warrants its seed treating equipment as follows:

- 1. <u>Limited Warranty</u>: Manufacturer warrants that the Products sold hereunder will be free from defects in material and workmanship for a period of 18 months from date of shipment. If the Products do not conform to this Limited Warranty during the warranty period, Buyer shall notify Manufacturer in writing of the claimed defects and demonstrate to Manufacturer satisfaction that said defects are covered by this Limited Warranty. If the defects are properly reported to Manufacturer within the warranty period, and the defects are of such type and nature as to be covered by this warranty, Manufacturer shall, at its expense, furnish replacement Products or, at Manufacturer's option, replacement parts for the defective products. Shipping and installation of the replacement Products or replacement parts shall be at the Buyer's expense.
- 2. Other Limits: THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Manufacturer does not warrant against damages or defects arising from improper installation (where installation is by persons other than Manufacturer), against defects in products or components not manufactured by Manufacturer, or against damages resulting from such non-Manufacturer made products or components. Manufacturer passes on to the Buyer the warranty it received (if any) from the maker of such non-Manufacturer made products or components. This warranty also does not apply to Products upon which repairs and / or modifications have been effected or attempted by persons other than pursuant to written authorization by Manufacturer. This includes any welding on equipment which could damage electrical components. Manufacturer does not warrant against casualties or damages resulting from misuse and / or abuse of Products, improper storage or handling, acts of nature, effects of weather, including effects of weather due to outside storage, accidents, or damages incurred during transportation by common carrier.
- 3. **Exclusive Obligation:** THIS WARRANTY IS EXCLUSIVE. The sole and exclusive obligation of Manufacturer shall be to repair or replace the defective Products in the manner and for the period provided above. Manufacturer shall not have any other obligation with respect to the Products or any part thereof, whether based on contract, tort, strict liability or otherwise. Under no circumstances, whether based on this Limited Warranty or otherwise, shall Manufacturer be liable for lost profits, lost revenue, lost sales (whether direct or indirect damages), incidental, special, punitive, indirect or consequential damages.
- 4. <u>Other Statements:</u> Manufacturer's employees or representatives' oral or other written statements do not constitute warranties, shall not be relied upon by Buyer, and are not a part of the contract for sale or this limited warranty.
- 5. **Return Policy:** Approval is required prior to returning goods to Manufacturer. A restocking fee will apply.
- 6. <u>Entire Obligation:</u> This Limited Warranty states the entire obligation of Manufacturer with respect to the Products. If any part of this Limited Warranty is determined to be void or illegal, the remainder shall remain in full force and effect.

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03-20	BT

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