

Corn Cracker

10" Hammer Mill

Model: CK1100

Owner's Manual

LANCK17157

270 West Park Avenue

Huron, SD 57350

866-526-5682

LANKOTA®

WARNING

Read and understand this manual prior to operating this equipment. Failure to follow these instructions could result in personal injury, damage to the equipment or property, or even death.



- NEVER operate the corn cracker while personnel are in close proximity to the equipment.
- NEVER operate machinery under the influence of drugs or alcohol.
- ALWAYS shut off the PTO and tractor before working on or cleaning the corn cracker.
- ALWAYS follow all safety warnings and stickers.
- Keep equipment in good and maintained working condition.



Machine Identification

Machine Details Log	
Serial Number*	
Model	

The Serial Number is located on the side of the chute rotation motor mount on the front of the machine



Table of Contents

SECTION	Part Number/Description	PAGE
Introduction, Use & Safety.....		4
Numerical Parts List.....		5–14
Main Components.....		5–6
Chute Assembly.....	LANCK17157SH	6
Standard Hydraulic Components		7
Main Assembly Hardware		7
Hopper Assembly	LANCK17157H	8
Optional Parts.....	Driveshafts, Hopper Extension & Hyd Remote	9
3-Point Assembly.....	LANCK171573P	10
Jump Auger.....	LANCK19452	11–13
Base/Leg Extension.....	LANCK18500.....	13
Auger Stow Support	LANCK19616.....	14
Trailer	LANCK17383	15–16
Pictorial Parts List.....		17–25
Operation		26
Best Practices.....		26
Warranty/Contact Info.....		27
Setup		28–29
Shear Plates—Setup & Adjustments.....		30
Hammer Installation/Replacement.....		31
Hammers & Spacers.....		32
Chute Operation		33
Maintenance.....		34
Storage.....		35–36
Troubleshooting		37–38
Assembly.....		39–41
Base/Leg Extension.....	LANCK18500.....	39
Auger Stow Support	LANCK19616.....	40
Jump Auger.....	LANCK19452.....	41
Trailer	LANCK17383	42–43
Hyd Remote.....	LANCK23510.....	44–45
Assembly Drawings.....		46–65
Overall Assembly.....	LANCK17157.....	46
Drum Assembly		47
Housing Assembly		48–49
Covers & Panels.....		50–51
Chute Assembly.....	LANCK17157SH	52–53
Hopper Assembly	LANCK17157H	54
Hopper Door Assembly	LANCK17157HD.....	55
Hopper Extension	LANCK17157HX.....	56
Remote Chute Hyd Kit	LANCK23510.....	57–59
3-Point Assembly.....	LANCK171573P.....	60
Jump Auger.....	LANCK19452	61–64
Base/Leg Extension.....	LANCK18500.....	65
Auger Stow Support	LANCK19616.....	66
Trailer	LANCK17383	67

Introduction, Use & Safety

Introduction

Thank you for purchasing your new Corn Cracker from Lankota Inc. We welcome you to our growing family of new product owners. Proper assembly, maintenance, and safe operating practices will help you get years of satisfactory use from this Corn Cracker.

Intended Use

The Corn Cracker is a Hammer Mill designed and built by Lankota Inc and is intended to grind corn and other grain for the consumption of livestock. The Corn Cracker is designed to be pulled by a ROPS-equipped tractor of 120 PTO horsepower or more. It is not designed to be used for any other purpose other than its intended use.

Using this Manual

This manual is designed to help familiarize the operator with the safety, assembly, operation, adjustments, troubleshooting and maintenance expectations of this machine and create awareness of the hazards that may be encountered because of its use. The intent of this manual is to provide specific machine guidelines and help owners and operators obtain the best results and safe operation from their investment with a focus on accident and injury prevention.

All users must read and understand the information in this manual prior to operation. Do not allow anyone to operate or maintain this equipment who has not fully read and understood this manual. Failure to follow the procedures described in this manual could result in equipment damage or physical injury or death to you or bystanders.

Keep this manual with the machine for future reference as it is considered a part of your machine. There is a designated manual canister affixed to the machine where the manual must be stored. The life of any machine depends largely on the care it is given, and Lankota Inc suggests that you refer to and review the manual often for preventative maintenance.

The information contained within this manual was current at the time of printing. Some parts or information is subject to change to ensure the best performance of the machine. Lankota Inc reserves the right to make changes in materials or design of the product and its manual at any time without notice.

Safety Information

When operating this equipment, you are responsible for your own safety and the safety of those around you. This machine is designed and equipped with proper safety features, including machine guards and safety labels, to protect you and bystanders from hazards that could cause serious injury. Guards and safety labels serve a critical purpose and must not be altered. Guards should only be removed for maintenance purposes and must be reinstalled prior to operation. Some of the illustrations in this manual may show the equipment with machine guards removed for clarity. Never operate this machine unless all machine guards are in place.

Numerical Parts List—Main Components

Part Numbers	Description	Qty
LANCK1100A	Drum, 10"	1
LANCK1100B	Housing—Shear/Intake Half, 10"	1
LANCK1100C	Housing—Discharge Front, 10"	1
LANCK1100D	Housing—Discharge Rear, 10"	1
LANCK1100EA	Curve—Lower, 10"	1
LANCK1100EB	Curve—Middle, 10"	1
LANCK1100EC	Curve—Upper, 10"	1
LANCK1100F	Discharge Spout Mount—10"	1
LANCK1100G	Side Door—10"	1
LANCK1100S	Shear Plate—10"	6
LANCK108	Shear Plate Slot Cover	6
LANCK101	Hammer (without spacer)	36
LANCK1100P	Hammer Clevis Pin—for 10"	12
LANF-FWM-1.00	1" Machine Washer, 10 GA	12
LANFOI7W	1/4" x 1.5" Roll Pin	12
LANCK102	Air Intake Gate	2
LANCK103	PTO Shield	1
LANCK104	Slug Wrench	1
LANCK106	Wrench Retainer Latch	1
LANCK107	Lower Arm Cross Brace	1
LANCK109	Hammer Access Door	2
LANCK110	Hammer Mill Rear Shaft Cover	1
LANCK111	Clean Out Door	1
LANCK112	Hammer Spacer	48
LANCK113	Hammer (with weld-on spacer)	24
LANCK114	Hammer Delete Spacer	12
LANCK115	Skid Pad	4

Numerical Parts List

Part Numbers	Description	Qty
LAN92-28453	55E Series joint & Half Shaft, Mill Half	1
RED10BX	3/8" x 2" Square Key	1
RED-1000-FB-2.00	2" NANF 4-Bolt Flange Bearing	2
RED01-315C	Manual Canister	1
LAN0401828	3/4" NPT 90deg Street Elbow, Brass	1
LAN70815T47	3/4" GHT x 3/4" MPT Swivel Adapter	1
LAN47865K24	3/4" NPT Ball Valve, Brass	1
LAN4638K718	3/4" NPT Plug	1
LANCK17157SH	CHUTE ASSEMBLY—10"	1
LANCK1100SA	Chute Weldment—10"	1
LANCK1100SB	Chute Deflector	1
LANCK1100SC	Chute Rotation Gear, Half	2
LANCK1100SD	Chute Hinge Cover	1
LANCK1100SE	Chute Enclosing Panel	2
RED89SH-0004	8 & 9 ft Blower Chute Gear Clamp	2
RED89SH1011	8 & 9 ft Blower Chute Gear Clamp Shim	2
RED2010111	2" x 8" Deflector Cylinder	1
LANF3231	1/4" Grease Zerk	2
RED305K	3/8" 1.25" Carriage Bolt	10
RED0DTT	3/8" Top Lock Nut	13
LAN18A	3/8" x 1" Carriage Bolt	3
LAN18A00	3/8" x 1" Gr 5 Bolt	8
LAN18000	3/8" Flat Washer	8
REDWL53	3/8" Lock Washer	8

Numerical Parts List—Standard Hyd & Main Hardware

Part Numbers	Description	Qty
RED10110	Chute Rotation Motor	1
LANCK118	Chute Rotation Sprocket	1
LANCKHYD1	CHUTE HOSE KIT (Standard)	1
LANCKH01	Hyd Hose, 1/4" x 86"	2
LANCKH02	Hyd Hose, 1/4" x 104"	1
LANCKH03	Hyd Hose, 1/4" x 115"	1
2501-06-06	#6 Male JIC x #6 Male NPT—90 Deg Elbow	2
6400-06-10	#6 Male JIC x #10 Male ORB—Straight	2
2406-06-06R.031	#6 JIC Male x Female—1/32" Orifice	1
Pioneer 8010-15P	Male Quick Coupler—#8 Female ORB	4
REDW742	1/2" x 3" Wirelock Pin	4
REDB712	5/8" x 3" Hex Bolt	1
LAN26B00	5/8" x 2" Hex Bolt	8
REDKRJF	5/8" Top Lock Nut	9
LANFB104	1/4" x 1" Hex Bolt	4
REDWU51	1/4" Flat Washer	4
LANEJRN	1/4" Nyloc Flange Nut	4
REDB505	1/2" x 1.25" Hex Bolt	2
LANFWS55	1/2" SAE Washer	2
LAN506K	1/2" x 1.5" Carriage Bolt	28
LANFNXC1	1/2" Flange Nyloc Nut	18
RED1F30	1/2" Top Lock Nut	12
LAN18A	3/8" x 1" Carriage Bolt	48
LANFNW7G	3/8" Flange Nyloc Nut	48
LAN18A00	3/8" x 1" Gr 5 Bolt	13
RED000MF	3/8" x 7/8" Hex Bolt	4
LAN18000	3/8" Flat Washer	24
REDWL53	3/8" Lock Washer	24
RED0DTT	3/8" Top Lock Nut	8
LANFNAW3	3/8" Wing Nut	16

Numerical Parts List

Part Numbers	Description	Qty
LANCK17157H	HOPPER ASSEMBLY—10"	1
LANCK1100H	Hopper Weldment—10"	1
LANCK1100HB	Hopper Grate—Long	5
LANCK117	Hopper Window	6
LAN18A00	3/8" x 1" Gr 5 Bolt	10
LAN18000	3/8" Flat Washer	10
REDWL53	3/8" Lock Washer	10
LAN18A	3/8" x 1" Carriage Bolt	4
LANFNW7G	3/8" Flange Nyloc Nut	4
LANF103K	1/4" x 3/4" Carriage Bolt	36
LANEJRN	1/4" Nyloc Flange Nut	36
LANCK17157HD	HOPPER DOOR	1
LANCK1100J	Hopper Door Housing	1
LANCK1100K	Sliding Door	1
LANCK105	Hopper Door Adjustment Wheel	1
LANCK122	Hopper Door Adjustment Shaft	1
LANF3231	1/4"-28 Grease Zerk	2
LAN40B14	#40 Chain, 14 Tooth Sprocket	1
LANF04B1	1/4"-20 x 1/2" Set Screw	2
LAN1101	Lynch Pin, 3/16" x 1.56"	1
LANFWS58	3/4" SAE Flat Washer	5
LAN18A	3/8" x 1" Carriage Bolt	4
LANFNW7G	3/8" Flange Nyloc Nut	4
LANFB103	1/4" x 3/4" Hex Bolt	1
LANEJRN	1/4" Flange Nyloc	1

Numerical Parts List (OPTIONAL PARTS)

Part Numbers	Description	Qty
LAN93-28451	1000 PTO (1-3/4"/Large) 55E Driveshaft, Tractor Half	1
LAN93-28452	1000 PTO (1-3/8"/Small) 55E Driveshaft, Tractor Half	1
LANCK17157HX	HOPPER EXTENSION	1
LANCK1100HF	Hopper Extension Side—Long	2
LANCK1100HG	Hopper Extension Side—Short	2
LANCK117	Hopper Window	4
LANF00MC	3/8" x 3/4" Hex Bolt	10
LAN18000	3/8" Flat Washer	10
LANFNW7G	3/8" Flange Nyloc Nut	18
LANFK303	3/8" x 3/4" Carriage Bolt	8
LANF103K	1/4" x 3/4" Carriage Bolt	24
LANEJRN	1/4" Flange Nyloc Nut	24
LANCK23510	WIRELESS REMOTE for Chute Hydraulics	1
LANCK155	Mounting Bracket, Hyd Remote	1
LANHCVS2X13	Hyd Control Valve, 2 Spool/4 Solenoid	1
LAN3A2035C	Receiver & Transmitter Kit	1
LANCKWH1	Wiring Harness, CK Remote	1
LANCKHYD3	Hydraulic Hose Kit, CK Remote	1
LANFB104	1/4" x 1" Hex Bolt	4
LANFRV5T	1/4" x 2.25" Hex Bolt	2
REDWU51	1/4" Flat Washer	6
LANEJRN	1/4" Flange Nyloc Nut	6
LANFOB1Z	#10-24 x 3/4" Pan Head Machine Screw	2
LANFODNU	#10-24 Nyloc Nut	2

Numerical Parts List—3 Point

Part Numbers	Description	Qty
LANCK171573P	3-POINT ASSEMBLY	1
LANCK13P1	Hammer Mill 3-Point Upper Arm	1
LANCK13P2	Hammer Mill 3-Point Lower Arm	2
LANCK13P3	Hammer Mill 3-Point Link	2
LANCK13P4	Hammer Mill 3-Point PTO Rest	1
LAN21293	Cat 2 & 3 Stepped Lower 3-Pt Pin	2
RED21198	Lift Arm Bushing—Cat 2 to 3	2
RED21940	7/16" x 2" Lynch Pin	3
RED21261	Top Link Pin—Cat 2	1
RED21192	Top Link Bushing—Cat 2 to 3	1
LANFB808	3/4" x 2" Gr 5 Hex Bolt	8
REDWU58	3/4" Flat Washer	14
LANFWS58	3/4" SAE Washer	4
REDKRJG	3/4" Top Lock Nut	9
REDB820	3/4" x 5" Hex Bolt	1
LANFB305	3/8" x 1.25" Hex Bolt	2

Numerical Parts List—Jump Auger (OPTIONAL)

Part Numbers	Description	Qty
LANCK19452	JUMP AUGER	1
LANCK1100M	Base & Swivel Weldment	1
LANCK1100N	Upper Swivel Weldment	1
LANCK1100Q	Wear Pad, Plastic	3
LANCK1100R	Swivel Clamp, Half	2
LANCK1100U	Auger Tube Weldment, 12"	1
LANCK1100V	Auger Flighting, 12" x 10ft	1
LANCK1100Z	Hopper, Jump Auger	1
LANCK123	Hyd Motor Mount	1
LANCK124	Pivot Bushing	2
LANCK132	Wheel/Jack Mount	1
LANCK133	Saddle, Rube Rest	1
LANCK136	Piano Hinge (SS), 10"	1
LANCK137	Relief Door	1
LANH217334	Spring	2
LANCK140	Washer, 1.25"	1
LANCK141	Wheel Spacer	2
LANW30256	Wheel, Flat-Free, 13.5" Diameter	1
LANCK143	Grate Clamp	4
LANCK147	Cover, Hopper Cleanout	1
LANCKFC51	Flow Control Valve, 0-16 GPM	1
LANCK151	Flow Control Valve Mount	1
LANCK152	Mounting Band	3
LANCK153	Grate, Hopper	1
LANCK154	Rubber Border, Hopper	1
LANCKJACK	Square Jack, 15in Travel	1
LANCK159	Jack Clamp Plate	1
LANCK160	Jack Swivel Mount	1
LANSS704	Twist Lock Pin, 1/2"	1

Numerical Parts List—Jump Auger (OPTIONAL)

Part Numbers	Description	Qty
LANCK19452 (CONTINUED)	JUMP AUGER	1
LANCK163	Trim, Hopper Border, Width	2
LANCK164	Trim, Hopper Border, Side	2
LANCK166	Hopper Tube Clamp	1
LANCK156	Swivel Transition, Flex Duct	1
LANHK4X7	Hose Clamp/Band, 1/2" x 51"	2
LAN207205SA	Round Bearing, 1.25" w/ Eccentric Collar	2
LAN105	Bearing Flange	4
LANCK1671	Hydraulic Motor, 104-1671-006	1
RED56SS-C1	Sprocket Coupler, 1.00" Bore, 16T #50	1
RED56SS-C2	Sprocket Coupler, 1.25" Bore, 16T #50	1
RED56SS-C3	Sprocket Coupler, #50 Chain, 16 Links	1
LANFHMJ0N	Machine Key, 1/4" x 1.00"	1
LANCKHYD2	Hydraulic Hose Kit, Jump Auger	1
LANFTFK5	Loop Clamp w/ cushion, 7/8"	2
LANFB103	1/4" x 3/4" Hex Bolt	6
LANFB104	1/4" x 1" Hex Bolt	1
LANFB110	1/4" x 2.5" Hex Bolt	2
REDWU51	1/4" Flat Washer	3
LANEJRN	1/4" Flange Nyloc Nut	9
LAN22A32	1/2" x 1.5" Hex Bolt	2
REDB512	1/2" x 3" Hex Bolt	1
RED1F30	1/2" Top Lock Nut	3
LANFB832	3/4" x 8" Hex Bolt	1
REDKRJG	3/4" Top Lock Nut	1
LANFXG26	5/16" x 3/4" Carriage Bolt	16
LAN204K	5/16" x 1" Carriage Bolt	4
LAN3B16A16	5/16" x 1.25" Hex Bolt	6
LANFB214	5/16" x 3.5" Hex Bolt	4
LAN1133	5/16" Flat Washer	20

Numerical Parts List—Jump Auger (OPTIONAL)

Part Numbers	Description	Qty
LANCK19452 (CONTINUED)	JUMP AUGER	1
LAN1616	5/16" Nyloc Nut	30
LAN18A	3/8" x 1" Carriage Bolt	10
RED305K	3/8" x 1.25" Carriage Bolt	4
LANFB305	3/8" x 1.25" Hex Bolt	2
REDB306	3/8" x 1.5" Hex Bolt	6
LANFB312	3/8" x 3" Hex Bolt	2
LAN18000	3/8" Flat Washer	18
REDWL53	3/8" Lock Washer	6
REDNAF3	3/8" Hex Nut	6
LANFNW7G	3/8" Flange Nyloc Nut	12
RED0DTT	3/8" Top Lock Nut	8
LANCK18500	BASE/LEG EXTENSION	1
LANCK125	Stow Support & Axle Mount, Right	1
LANCK126	Stow Support & Axle Mount, Left	1
LANCK127	Support Clamp Plate	2
REDB505	1/2" x 1.25" Hex Bolt	4
LANFB516	1/2" x 4" Hex Bolt	4
LAN22000	1/2" Flat Washer	16
RED1F30	1/2" Top Lock Nut	8

Numerical Parts List—Jump Auger (OPTIONAL)

Part Numbers	Description	Qty
LANCK19616	AUGER STOW SUPPORT KIT, GEN 1	1
LANCK128	Auger Stow Support, Gen 1	1
LANCK139	Auger Storage Rest	1
LANCK165	Tie-Down Bracket	2
LANCK167	Turn Knob, 5/16", Hex-Lobe	2
LANF216K	5/16" x 4" Carriage Bolt, Full Thread	2
LAN1133	5/16" Flat Washer	2
REDWL52	5/16" Lock Washer	2
LANNAS2	5/16" Serrated Flange Nut	2
LANFB322	3/8" x 5.5" Hex Bolt	2
LANFWS53	3/8" SAE Flat Washer	2
LANFNW7G	3/8" Flange Nyloc Nut	2
REDB505	1/2" x 1.25" Hex Bolt	2
LANB514	1/2" x 3.5" Hex Bolt	4
LANFB530	1/2" x 7.5" Hex Bolt	1
LAN22000	1/2" Flat Washer	12
RED1F30	1/2" Top Lock Nut	7

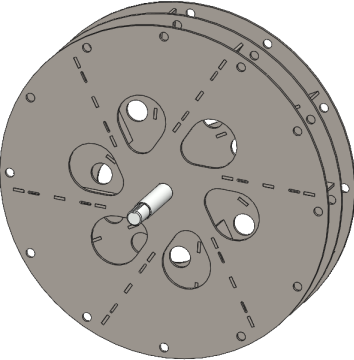
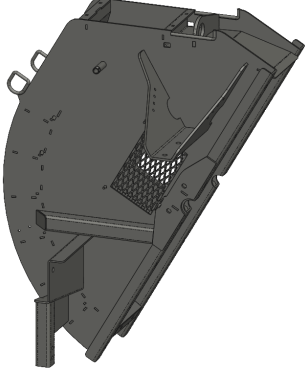
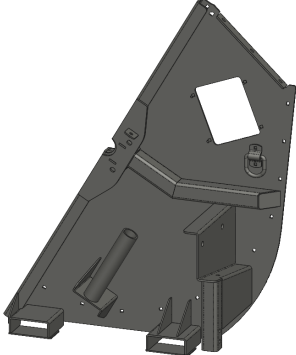
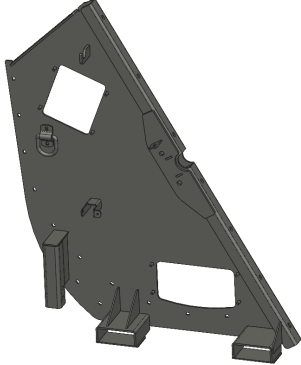
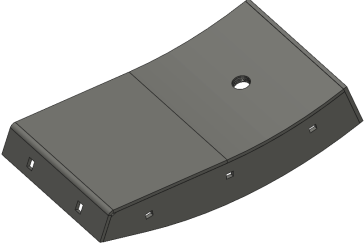


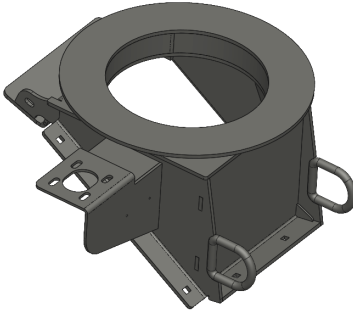
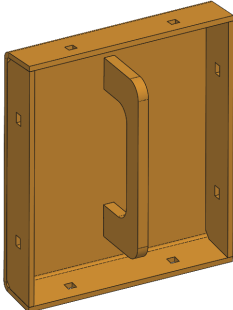

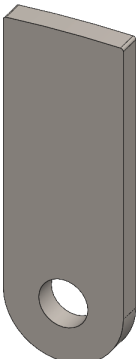
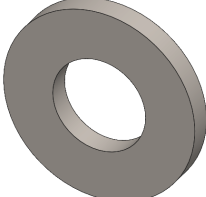
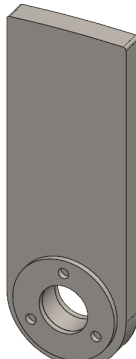


Numerical Parts List—Trailer (OPTIONAL)

Part Numbers	Description	Qty
LANCK17383	TRAILER, Two-Wheeled	1
LANCK2044	Spindle, Bolt-on	2
LANCK2045	Hitch Weldment	1
LANCK2046	Hitch Extension Weldment	1
LANCK2047	Hitch Mount	2
LANCK2049	Chain, PTO Hanger	1
LANCK2050	PTO Hanger Weldment	1
LANCK161	Axle Brace <i>(Only WITHOUT a Jump Auger)</i>	1
LANCK162	Hitch Turnbuckle Brace Bar	1
LANCBRSJJ10	Ratchet Binder, 10", Jaw-Jaw	1
LANHH20253	Hitch Pin, 1" x 4.5"	2
LANBBJACK	Jack, 2000 lb Capacity	1
LANFHG3	Carabiner, 5/16"	2
REDB807	3/4" x 1.75" Hex Bolt	5
LANFWS58	3/4" SAE Washer	10
REDKRJG	3/4" Top Lock Nut	5
REDB505	1/2" x 1.25" Hex Bolt	2
LAN22A32	1/2" x 1.5" Hex Bolt	16
REDB512	1/2" x 3" Hex Bolt	1
LANB514	1/2" x 3.5" Hex Bolt	4
LANFWS55	1/2" SAE Washer	32
LAN22000	1/2" Flat Washer	12
RED1F30	1/2" Top Lock Nut	23
LAN4901556	Rim, 15x6, 6 on 6"	2
LANF225-75R15	Tire, 225/75R15	2

Numerical Parts List—Trailer (OPTIONAL)

Part Numbers	Description	Qty
LANCK17383	TRAILER, Two-Wheeled	1
LAN281021	Hub, Trailer	2
LANLM48548	Bearing, Inner	2
LANLM67048	Bearing, Outer	2
LANF0IF0	Cotter Pin, 3/16" x 2"	2
LAN906295	Seal, Spindle/Hub	2
LANFNTM0	Lug Nut, 1/2"-20 Gr 2, 60 Deg	12
LANP502026	Dust Cover	2
LANF912953	Slotted Nut, 3/4"-16	2
REDWU58	3/4" Flat Washer	2

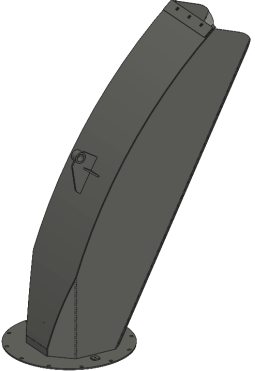
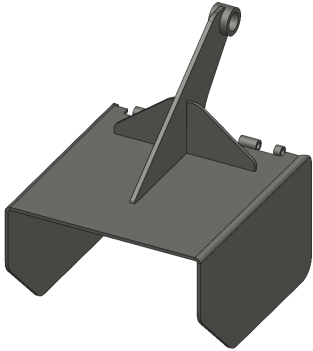
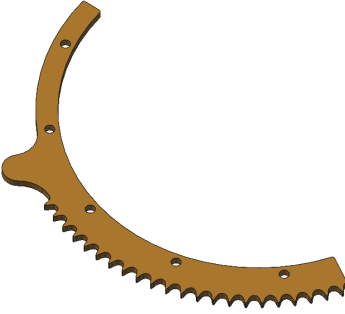
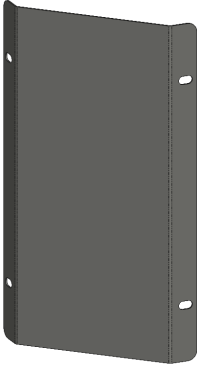

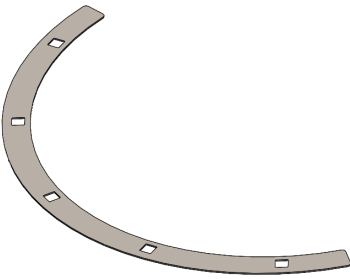

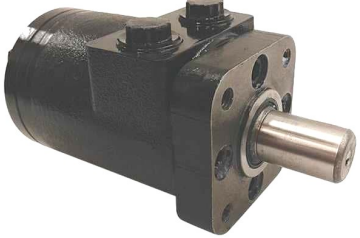
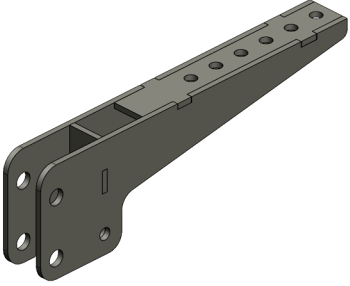
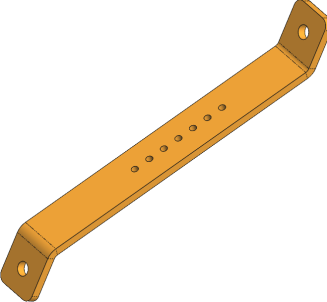
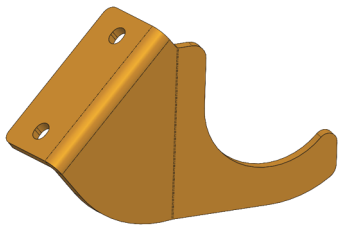
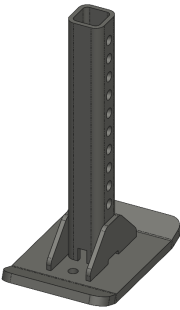
Pictorial Parts List

				
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LANCK1100EB (1)	LANCK1100EC (1)	LANCK1100F (1)	LANCK1100G (1)	LANCK1100P (12)
				
LANCK101(36)	LANCK112(48)	LANCK113 (24)	LANF-FWM-1.00 (12)	LANF017W (12)

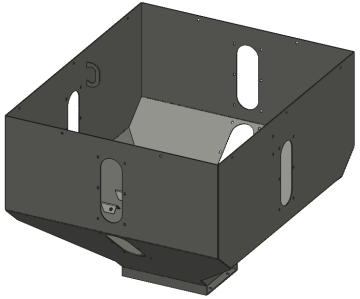

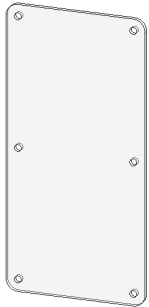
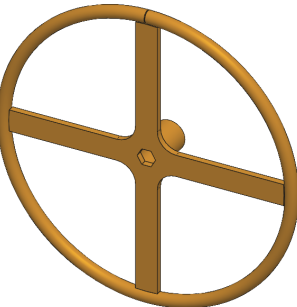
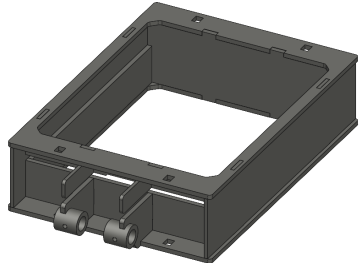
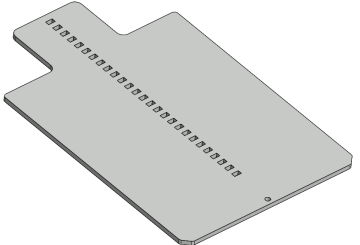
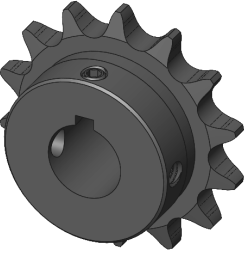
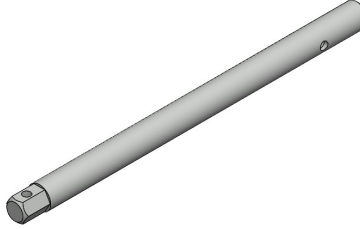
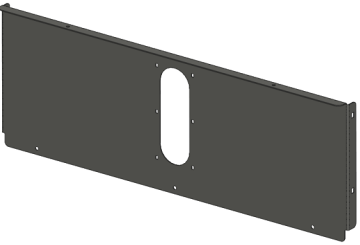
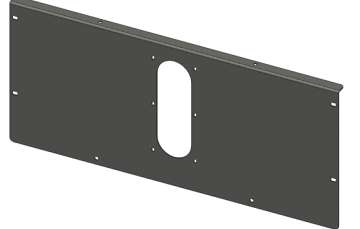


Pictorial Parts List

				
<p>LANCK102 (2)</p>	<p>LANCK103 (1)</p>	<p>LANCK104 (1)</p>	<p>LANCK106 (1)</p>	<p>LANCK107 (1)</p>
				
<p>LANCK109 (2)</p>	<p>LANCK110 (1)</p>	<p>LANCK111 (1)</p>	<p>LANCK1100S (6)</p>	<p>LANCK108 (6)</p>
				
<p>RED01-315C (1)</p>	<p>LAN4638K718 (1)</p>	<p>LAN92-28453 (1)</p>	<p>RED10BX (1)</p>	<p>RED-1000-FB-2.00 (2)</p>
				
<p>LAN0401828 (1)</p>	<p>LAN70815T47 (1)</p>	<p>LAN47865K24 (1)</p>	<p>REDW742 (4)</p>	<p>LANCK114 (12)</p>

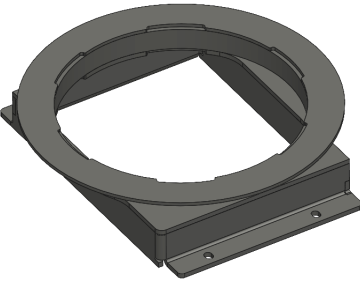
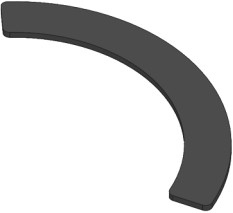
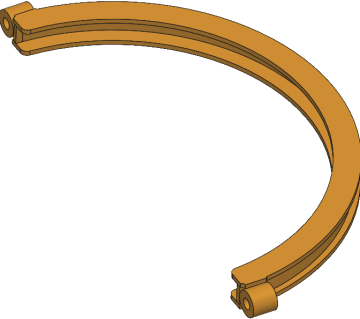
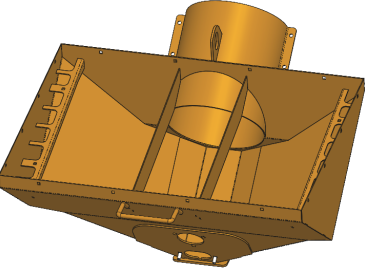

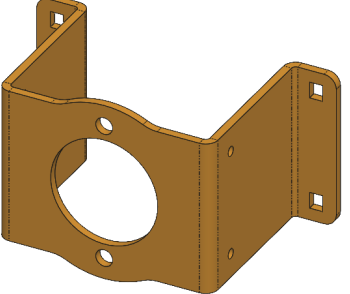
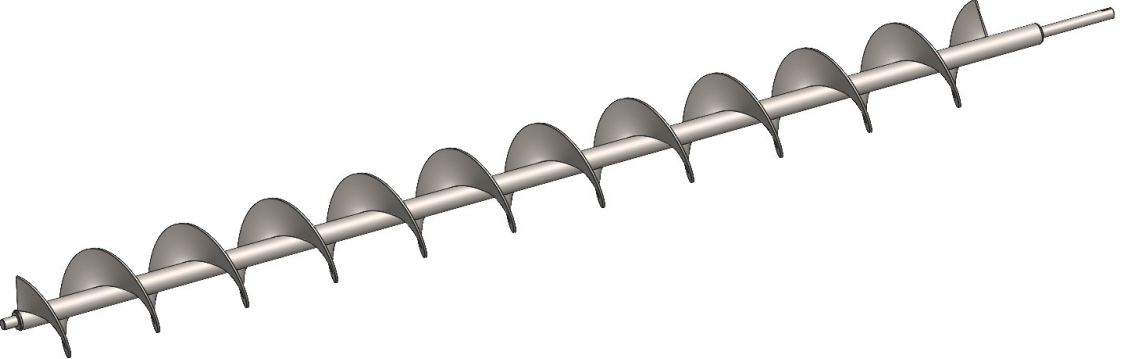
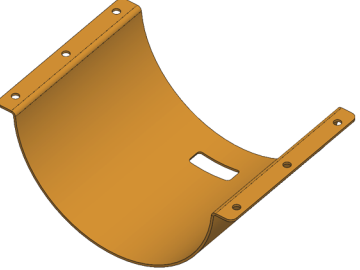
Pictorial Parts List

				
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RED89SH-0004 (2)	RED89SH1011 (2)	RED2010111 (1)	RED10110 (1)	LANCK118 (1)
				
LANCK13P1 (1)	LANCK13P2 (2)	LANCK13P3 (2)	LANCK13P4 (1)	LANCK115 (4)

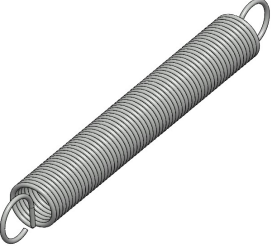
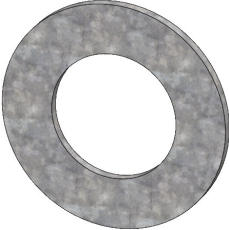
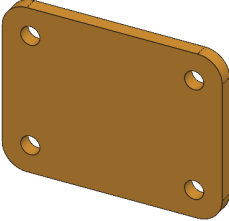
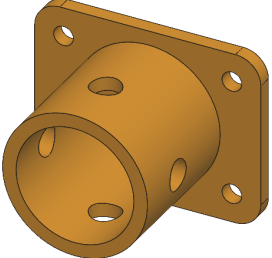
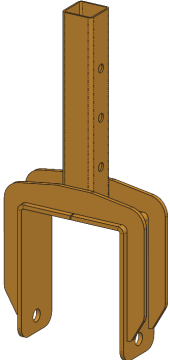
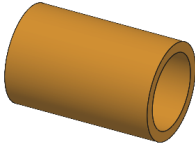
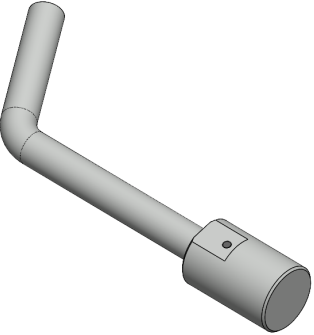
Pictorial Parts List

 <p>LANCK1100H (1)</p>	 <p>LANCK1100HB (5)</p>	 <p>LANCK117 (6)</p>	 <p>LANCK105 (1)</p>
 <p>LANCK1100J (1)</p>	 <p>LANCK1100K (1)</p>	 <p>LAN40B14 (1)</p>	 <p>LANCK122 (1)</p>
 <p>LANCK1100HF (2)</p>	 <p>LANCK1100HG (2)</p>	 <p>LAN93-28451 (1)</p>	 <p>LAN93-28452 (1)</p>

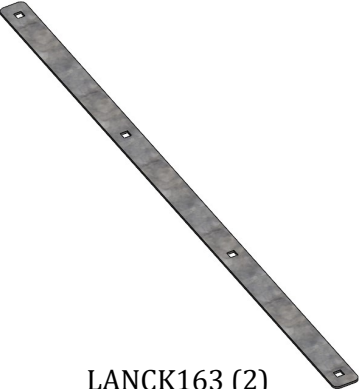

Pictorial Parts List—Jump Auger (OPTIONAL)

 <p>LANCK1100M (1)</p>	 <p>LANCK1100N (1)</p>	 <p>LANCK1100Q (3)</p>	 <p>LANCK1100R (2)</p>	 <p>LANCK1100Z (1)</p>
 <p>LANCK1100U (1)</p>		 <p>LAN207205SA (2)</p>	 <p>LANCK123 (1)</p>	
 <p>LANCK1100V (1)</p>			 <p>LAN105 (4)</p>	 <p>LANCK166 (1)</p>

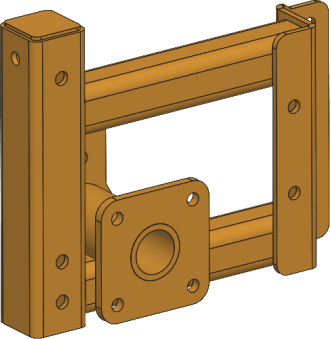
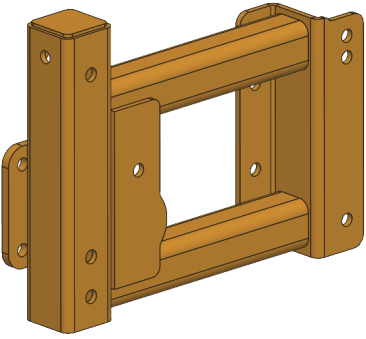
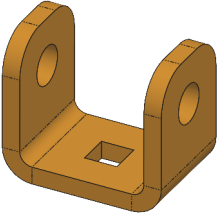
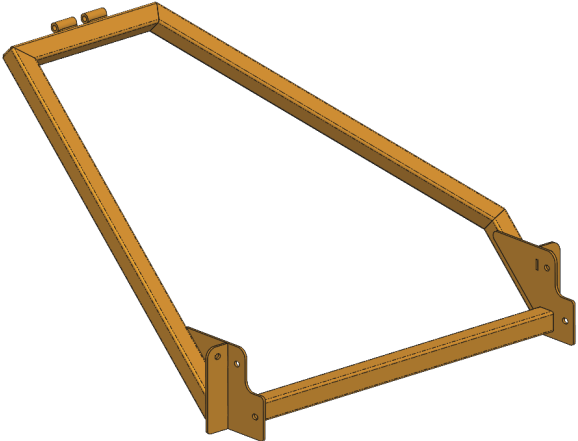
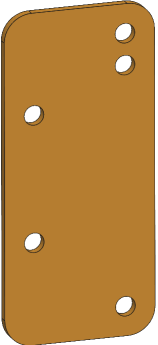
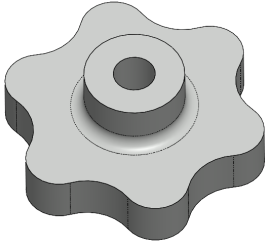
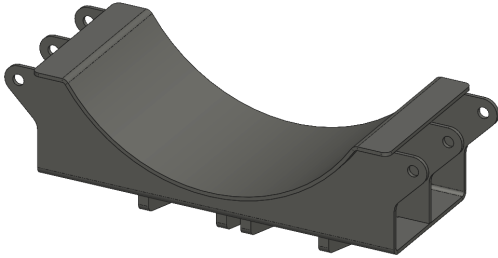
Pictorial Parts List—Jump Auger (OPTIONAL)

 <p>LANCK147 (1)</p>	 <p>LANCK124 (2)</p>	 <p>LANCK136 (1)</p>	 <p>LANCK137 (1)</p>	 <p>LANH217334 (2)</p>
 <p>LANCK156 (1)</p>	 <p>LANHK4X7 (2)</p>	 <p>LANCK140 (1)</p>	 <p>LANCK159 (1)</p>	 <p>LANCK160 (1)</p>
 <p>LANCKJACK (1)</p>	 <p>LANCK132 (1)</p>	 <p>LANW30256 (1)</p>	 <p>LANCK141 (2)</p>	 <p>LANSS704 (1)</p>


Pictorial Parts List—Jump Auger (OPTIONAL)

 <p>LANCK143 (4)</p>	 <p>LANCK153 (1)</p>	 <p>LANCK154 (1)</p>	 <p>LANCK163 (2)</p>	 <p>LANCK164 (2)</p>
 <p>RED56SS-C1 (1)</p>	 <p>RED56SS-C2 (1)</p>	 <p>RED56SS-C3 (1)</p>	 <p>LANFHMJ0N (1)</p>	 <p>LANFTFK5 (2)</p>
 <p>LANCK1671 (1)</p>	 <p>LANCKFC51 (1)</p>	 <p>LANCK151 (1)</p>	 <p>LANCK152 (3)</p>	 <p>LANCK133 (1)</p>

Pictorial Parts List—LANCK18500 & LANCK19616 (OPTIONAL)

 <p>LANCK125 (1)</p>	 <p>LANCK126 (1)</p>	 <p>LANCK165 (1)</p>	 <p>LANCK128 (1)</p>
 <p>LANCK127 (2)</p>		 <p>LANCK167 (1)</p>	 <p>LANCK139 (1)</p>

Pictorial Parts List—Trailer (OPTIONAL)

 <p>LANCK2044 (2)</p>	 <p>LANCK2045 (1)</p>	 <p>LANCK2046 (1)</p>	 <p>LANCK2047 (2)</p>	 <p>LANCK2049 (1)</p>
 <p>LANCK2050 (1)</p>	 <p>LANCK162 (1)</p>	 <p>LANCK161 (1)</p>	 <p>LANHH20253 (2)</p>	 <p>LANFHG3 (2)</p>
 <p>LANBBJACK (1)</p>	 <p>LANCBRSJJ10 (1)</p>	 <p>LAN281021 (2)</p>	 <p>LAN4901556 (2)</p>	 <p>LAN225-75R15 (2)</p>

Operation

1. Go through the Setup steps (pages 16 & 17).
2. Set the shear plates (page 18).
3. To prevent damage, **NEVER START THE PTO WHEN THERE IS ANYTHING INSIDE THE MILL!**
4. Engage the PTO at the lowest engine speed possible.
5. Gradually increase the engine speed until the PTO reaches 1000 RPM
 - ◇ Running the mill at PTO speeds below 1000 rpm will result in a coarser grind.
6. After the hammer mill is up to speed, begin dispensing grain into the hopper.
7. OPTIONAL: Turn on water valve.

To shut down, do these steps in reverse.

Best Practices

These are the best practices for running the Lankota Corn Cracker.

- The corn cracker operates at maximum performance when it is fed with grain at maximum speed—i.e. the faster you feed it, the better it grinds.
- Keep grain in the hopper at all times—this ensures it feeds as fast as possible, helps keep dust down and also helps it throw the grain further.
- Add water via a garden hose and the brass fittings to decrease dust and improve packing.

Warranty

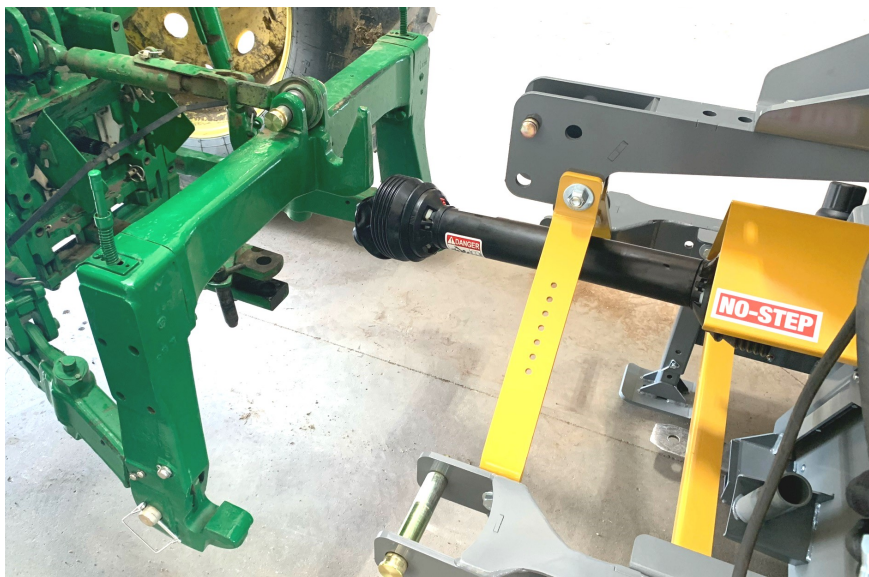
Lankota Inc (the “Manufacturer”) warrants to the original purchaser that this equipment will be free from defects in material and workmanship when used as intended and under normal service and conditions for individual use only.

This warranty is limited to the repair or replacement of any defective part by the Manufacturer and the installation by the dealer of any such replacement part and does not cover common wear items. The Manufacturer reserves the right to inspect any equipment or parts which are claimed to have been defective in material or workmanship.

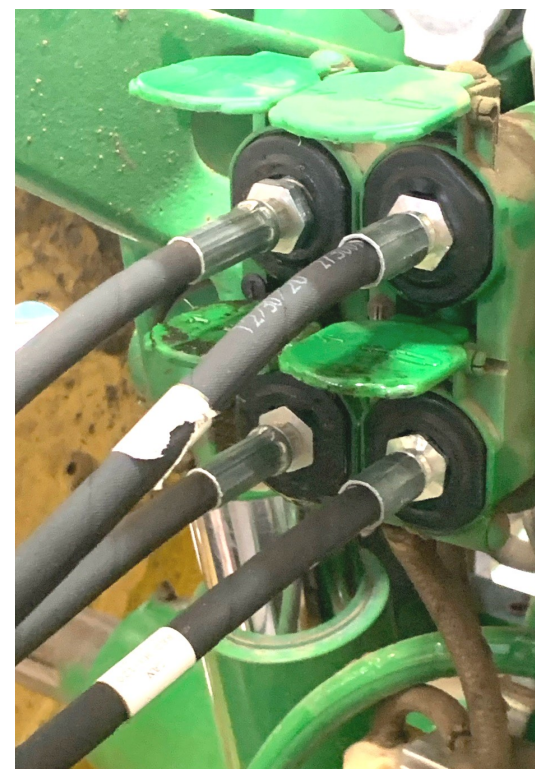
This warranty shall not be interpreted to render the Manufacturer liable for damages of any kind, direct, consequential, or contingent to property. Furthermore, the Manufacturer shall not be liable for damages resulting from any cause beyond its reasonable control. This Warranty does not extend to loss of crops, any expense or loss for labor, supplies, rental machinery or for any other reason.

**For further technical assistance,
call Lankota Inc. at:
1-866-526-5682**

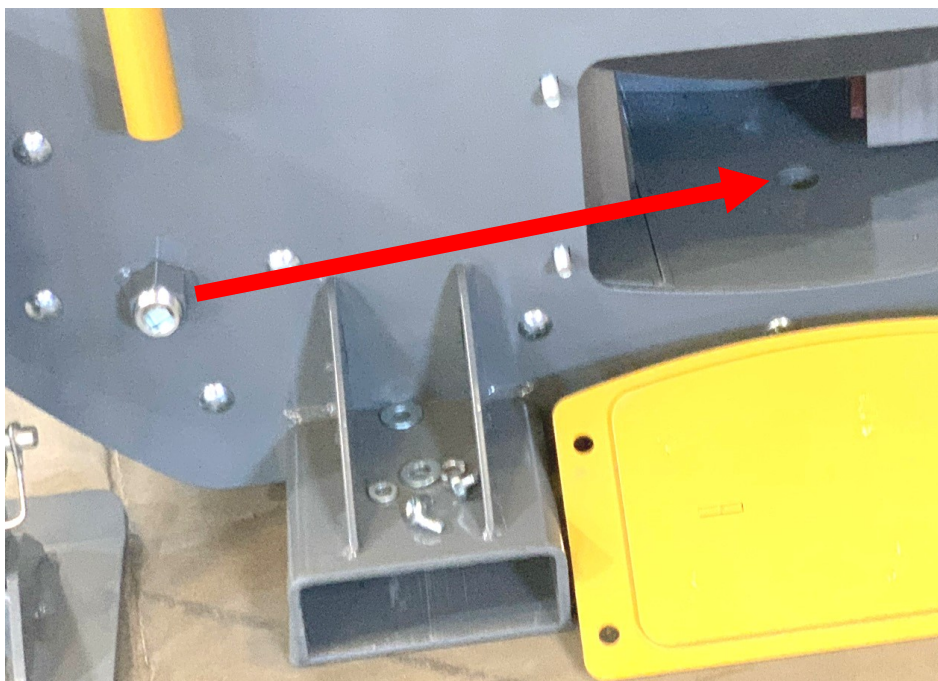
Setup



1. Use a tractor that has 120+ hp (at PTO) and has 1000 rpm PTO.
2. Slide the correct PTO half-shaft onto the mill and set it in the PTO rest.
3. Attach the hammer mill to the 3-point of the tractor. The 3-point arms can be adjusted forward or backward depending on the tractor.
4. Connect the PTO driveshaft and the hydraulic hoses.
 - There are two pairs of hoses—one set is for chute rotation and the other for deflector up and down. Turn the hydraulic FLOW DOWN for both SCVs.

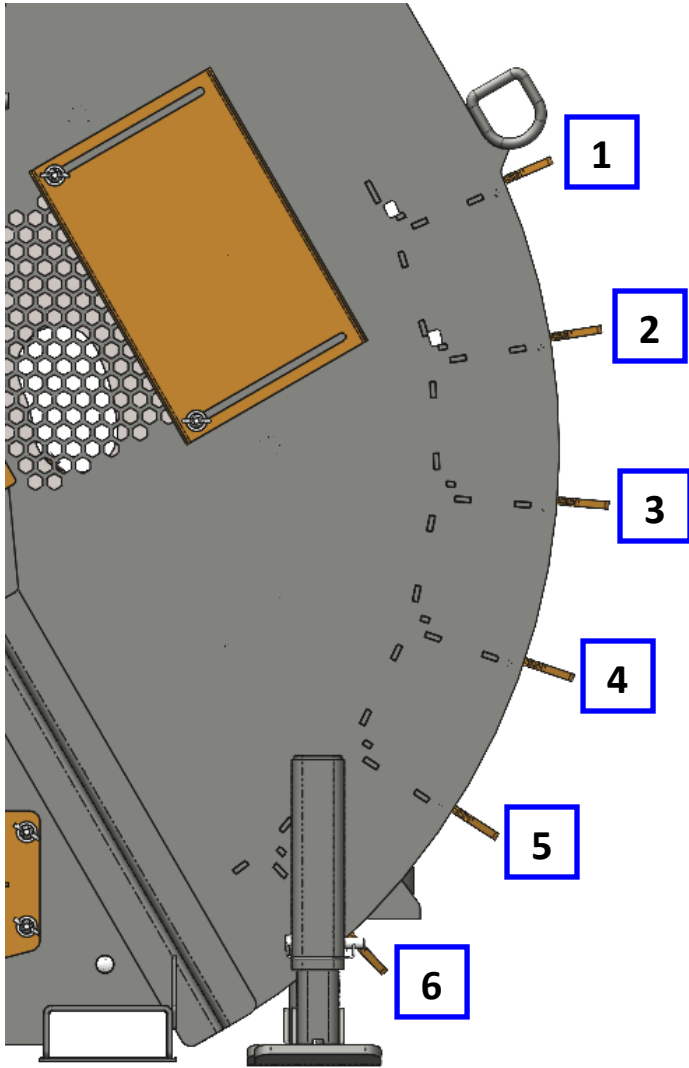


Setup

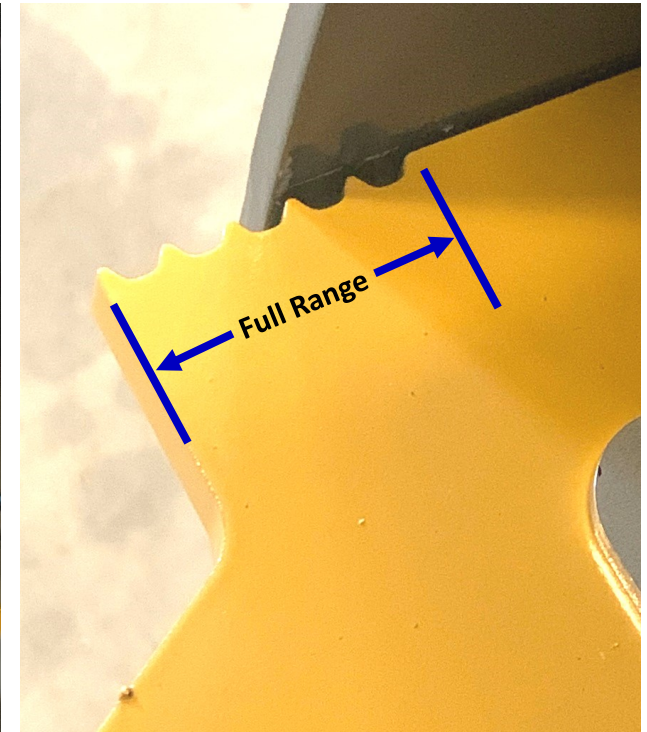


5. Raise the corn cracker and move the plug from its storage point to the operating position in the bottom.
6. Park the tractor in the grinding location and lower the mill to the ground.
7. Adjust the height of the footpads and the length of the top 3-point arm.
 - The driveshaft should be as level as possible.
 - At least 3 of the mill foot pads should be firmly on the ground.
 - The top link of the 3-point should be loose.

Shear Plates—Setup & Adjustments



- Start with Plate 1 all the way out, Plate 6 all the way in and gradually stagger the rest between them. (Plate 2 is 1/5 out, Plate 3 is 2/5, Plate 4 is 3/5 and Plate 5 is 4/5 out.)
 - If the grind is too fine, start at the top and pull the plates out until it is as desired.
 - If the grind is too coarse, start at the bottom and push the plates in until it is as desired.
- ◇ Even when the plates are all the way in, the tips of the hammers will not be able to contact the edge of the shear plates.
- ◇ The cutouts on the side of the shear plates show the full range of adjustment.



Hammer Installation/Replacement

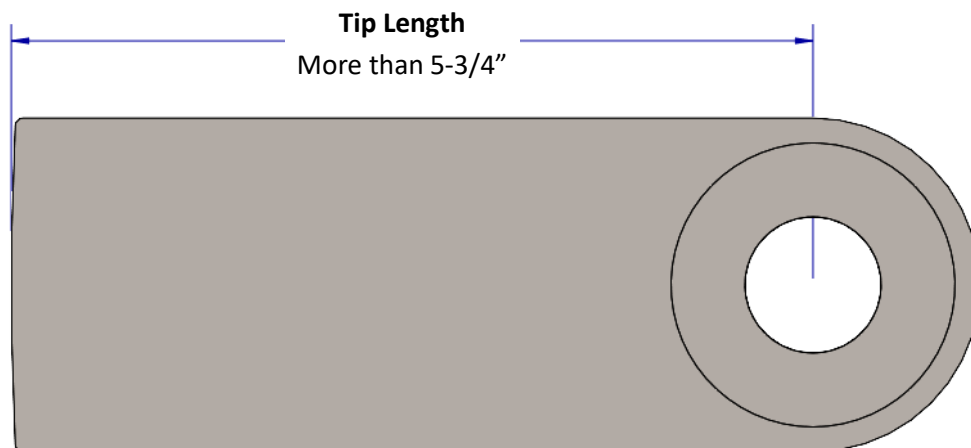
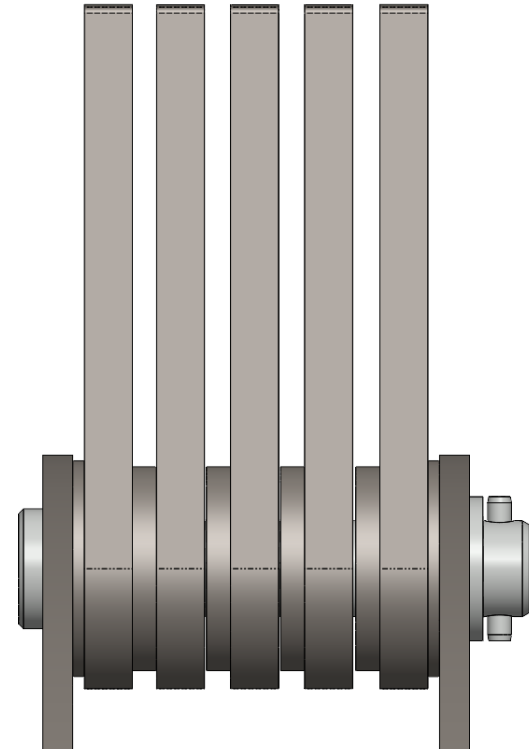
1. Each of the 60 hammers is double-sided/reversible. After one side is worn down, remove the roll pin, washer and clevis pin.
2. Flip the hammers and reinstall the hardware.
3. When both sides are worn or the tip is less than 5-3/4" from the center of the pivot hole, call Lankota for replacement hammers.

All hammers must be installed; failure to have all hammers and hardware installed will cause the mill to be unbalanced inducing vibrations that significantly shortens the lifespan of components.

If a coarser grind is desired, Hammer Delete Spacers (LANCK114) are provided. Remove **ONLY** one hammer and spacer/washer from each set and replace with a delete spacer. **Alternate which hammer is replaced so they are not all in a row.**

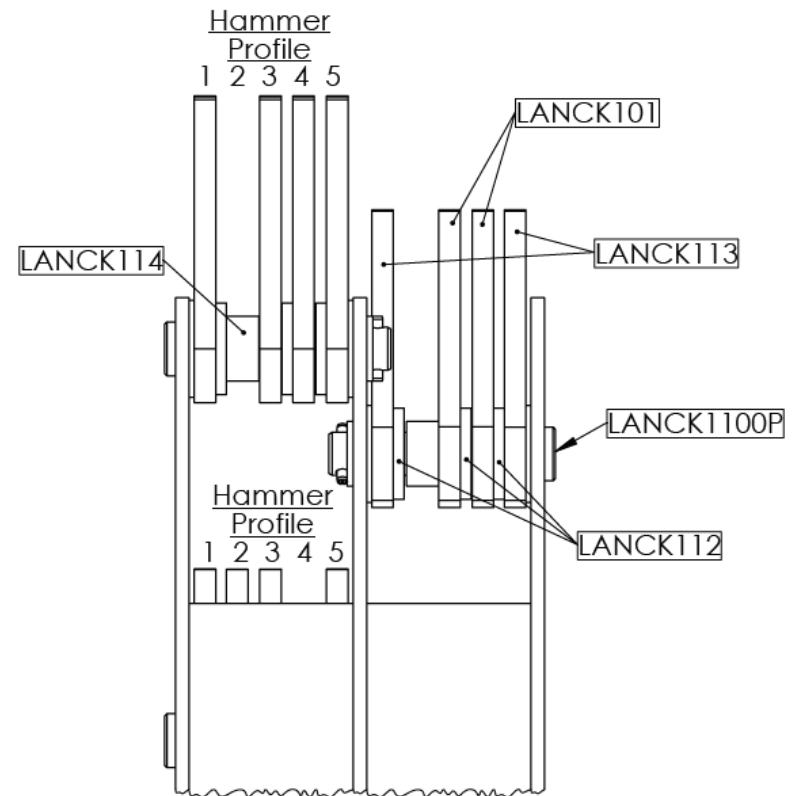
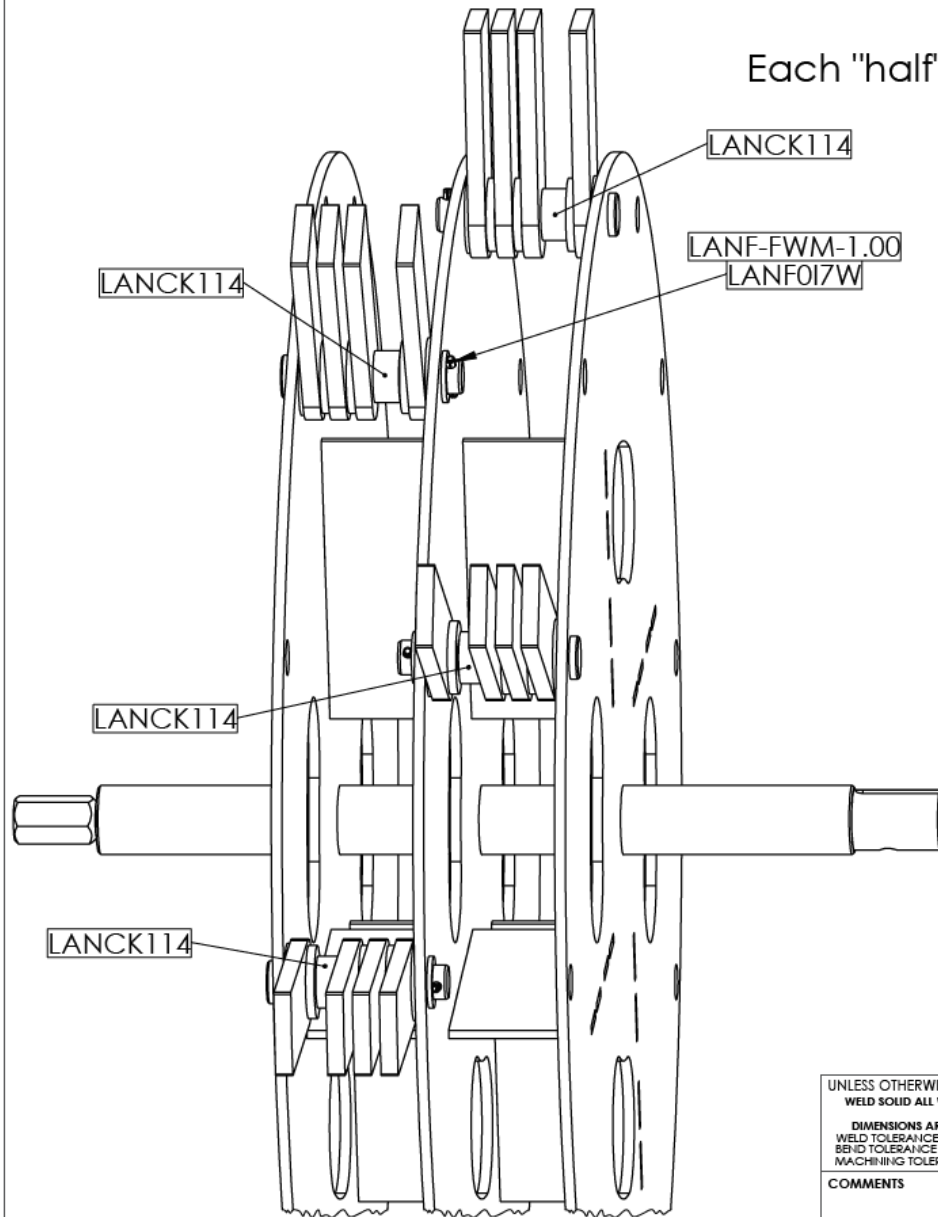
Failure to not evenly replace hammers will cause the mill to be unbalanced inducing vibrations that significantly shortens the lifespan of components.

Store the hammers & washers on the rear of the Corn Cracker.



Hammers & Spacers

Alternate between removing hammer "2" and "4" and substituting a LANCK114 spacer.
 Each "half" should alternate: inside, outside, inside, etc.



UNLESS OTHERWISE SPECIFIED:
 WELD SOLID ALL WELDMENTS
 DIMENSIONS ARE IN INCHES
 WELD TOLERANCE ± 0.031
 BEND TOLERANCE ± 0.031
 MACHINING TOLERANCE ± 0.005

COMMENTS
 DO NOT SCALE DRAWING

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DRAWN BY JESSE H
 CREATED 03/20/2020
 PROJECT

MATERIAL
 FINISH

LANKOTA

TITLE: Hammer Mill - 10"

SIZE A	DWG. NO. LANCK17157	REV 03
SCALE: 1:5	WEIGHT: 479.35	SHEET 7 OF 7

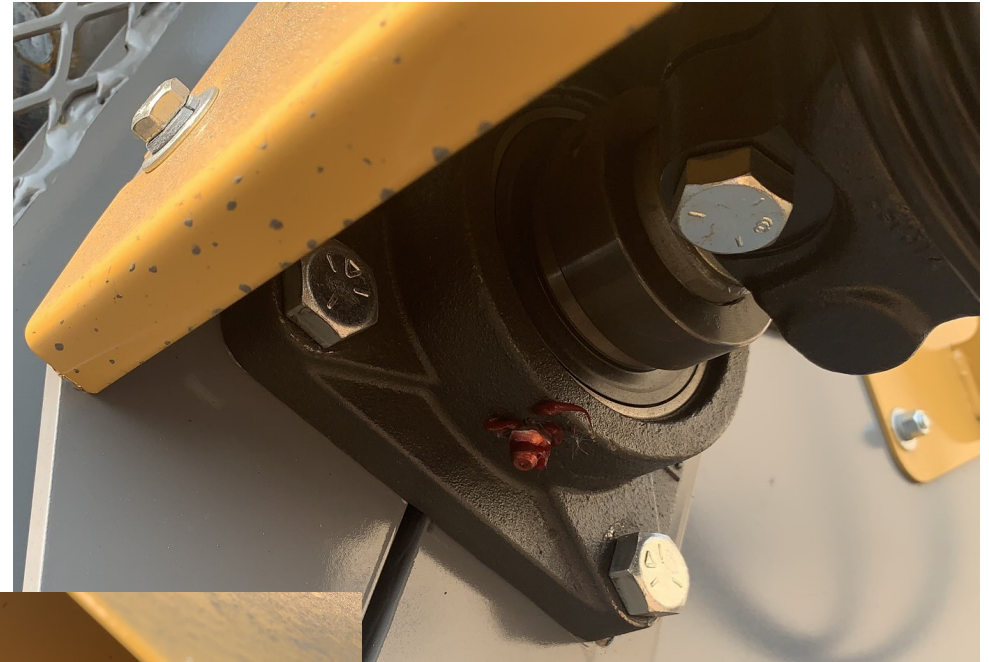
Chute Operation

- Run the chute hydraulics as slow as possible. Otherwise the chute is difficult to control precisely and can be jerky.
- Run the deflector hoses through the D-Ring on the housing to keep it from catching the ring gear teeth.
- If the ring gear pieces are installed correctly, the chute should not be able to turn far enough to hit the hopper or to blow material at the operating tractor.
- If the chute becomes plugged, remove the throat covers to let material get out.



Maintenance

- Grease the bearings every 50 hours of use
- Grease the driveshaft knuckles every 50 hours of use
- [Scan the QR Code in the corner for a video on removing the plastic guard quickly and easily.](#)
- Grease the chute rotation face at the beginning of each season and every 100 hours.
- Grease the hopper door wheel every season.

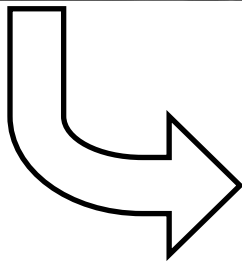
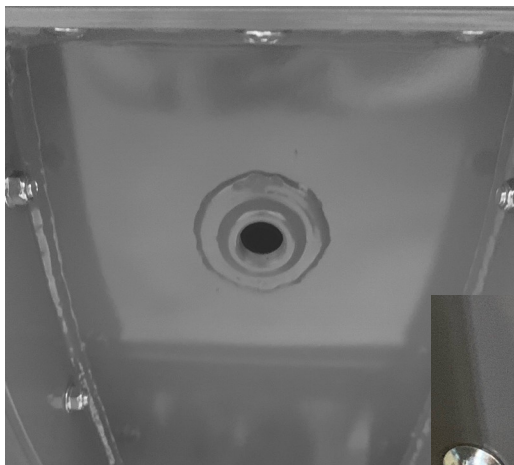
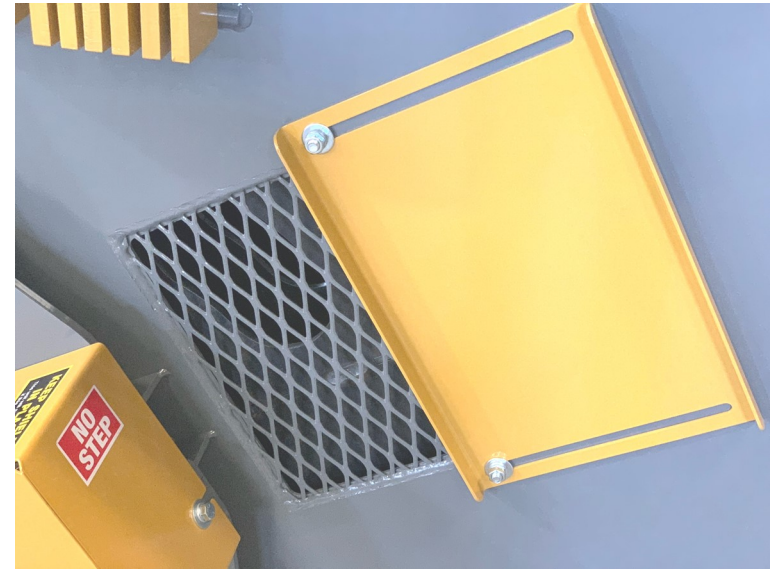


[EasyLock Guard™ How-To Video](#)
(Start at 0:27)

Storage

At the end of each season:

- Shutoff the tractor, remove the bottom clean-out panel and clear out any loose material. Reinstall the panel.
- Raise the mill, remove the plug from the bottom and store in outer cap (shown).
- Close the air intake covers on the front and back.
- Close the hopper door and/or cover the hopper to prevent any rain, debris or animals from getting inside.
- If possible, store inside or under a roof.



Storage



To store the driveshaft, either:

- Leave it slid together and rest it in the cradle on the 3-point.

OR

- Remove the tractor half and set it in the holder.

(Recommended)

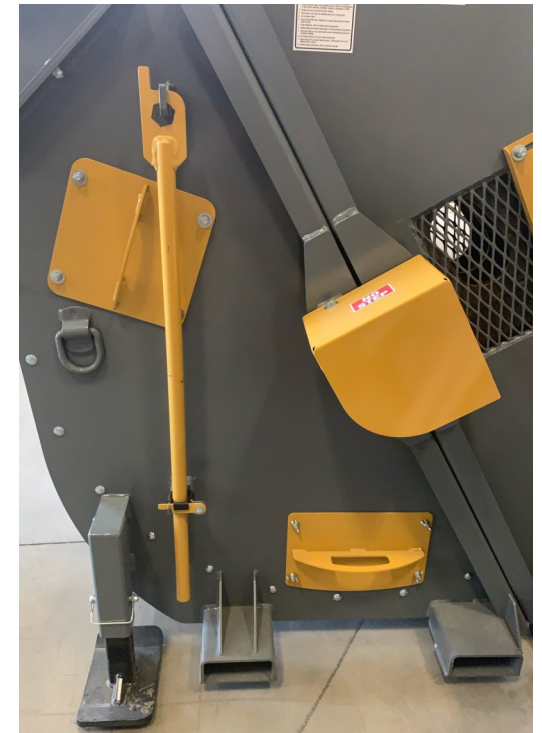
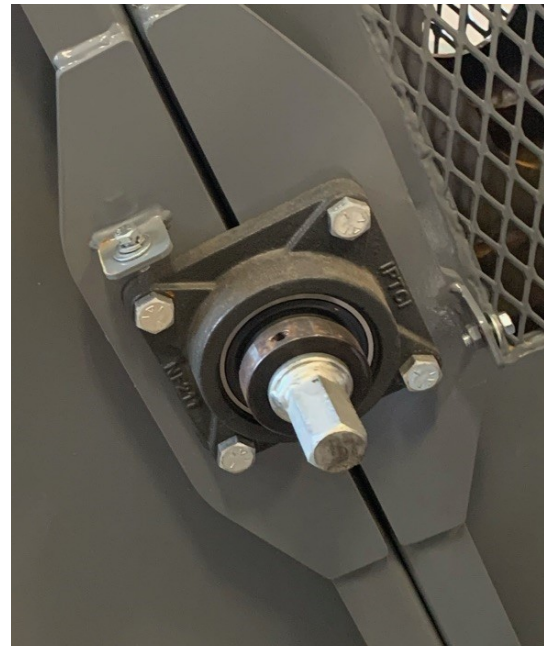


Troubleshooting—Shear Bolts and Plugging

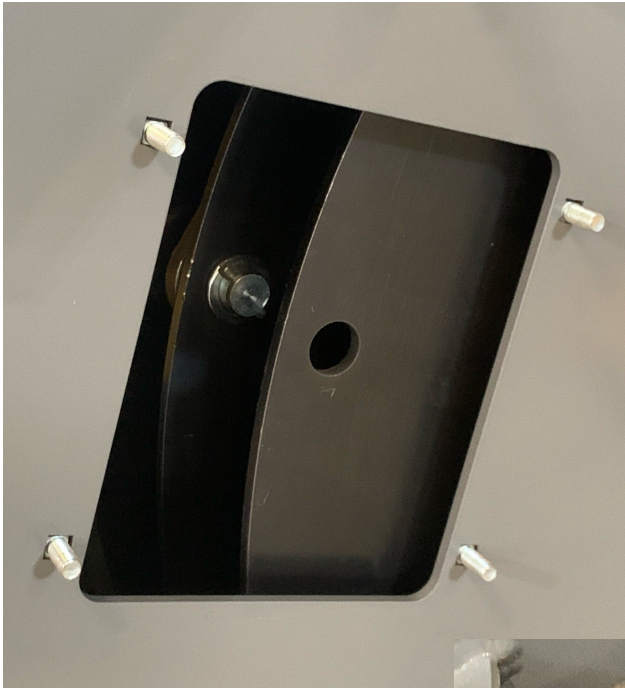
If the hammer mill experiences too high of a load, shear bolts on the driveshaft flange will break. This is to protect the mill from excessive stress and premature part failure. If this should happen follow these steps:

1. Shut off the grain supply to the mill.
2. Close the hopper door if the hopper contains grain.
3. Lift and move the mill to a suitable location and remove the wing nuts and bottom clean out door (right figure). Shut off the tractor and clear all the grain from inside the mill.
4. Remove the rear shaft cover/shield to expose the rear hex shaft. Use the slug wrench to turn the drum and finish cleaning out the mill.
5. Unhook the driveshaft from the tractor and replace the (2) broken shear bolts. Extra shear bolts are located on the top 3-point arm mount.
6. Put mill back together and reposition. Start mill again, bring to 1000 rpm THEN open hopper door.

NOTE: SHEAR BOLTS ARE 3/8" x 1" GRADE 5 HEX BOLTS



Troubleshooting—Drum Spacing/Ticking



The drum is centered, squared and locked in place during assembly, but transport and some use may cause it to shift/settle. If the hammer mill produces a ticking/knocking sound when spinning, the drum may not be correctly centered in the housing anymore and the heads of hammer pins may be hitting the inner walls.

- Remove the front and rear Hammer Access Panels (LANCK109) and shaft guards.
- Examine the pin heads and determine where the sound is coming from.
- Loosen the Allen set screw and collar on each bearing.
- Tap/slide the drum forward or back as needed until it is centered.
- Reset the lock collars and set screws before hand-spinning the drum; listen and observe if it hits anymore.
- Reinstall all panels and guards.



ASSEMBLY—Base Leg Extension (LANCK18500)

To install the extension kit for either a trailer or a jump auger:

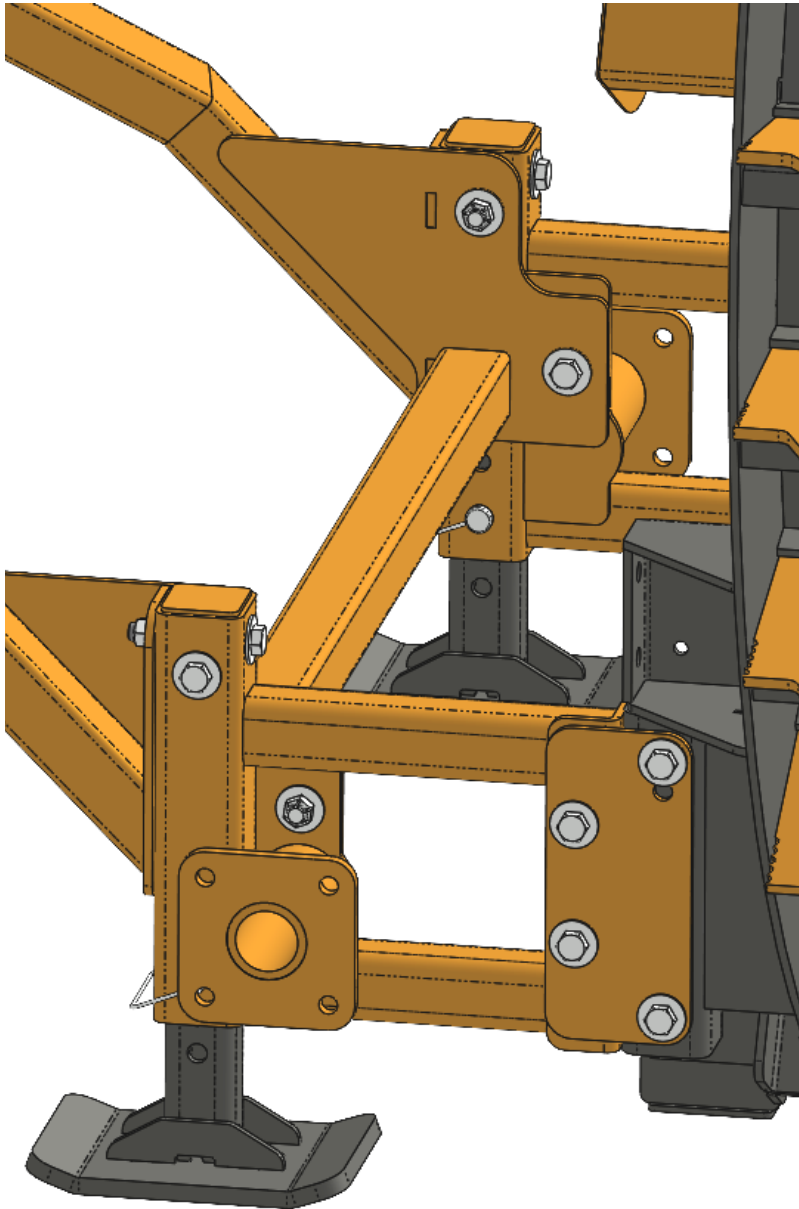
1. Raise the unit and remove the rear skid pads.
2. Run the 1/2" x 4" bolts through the outer plate (LANCK127), the housing skid pad receiver and the extension legs (LANCK125 or LANCK126).

NOTE: the trailer axle receivers point outward.

3. Connect the plates and extensions with 1/2" x 1.25" bolts.
4. Wait to tighten the hardware until the auger stow support (LANCK128) or axle brace bar (LANCK161) have been installed.
5. For 3-point configurations—slide the skid pad into the new receiver and retain with the original pin.

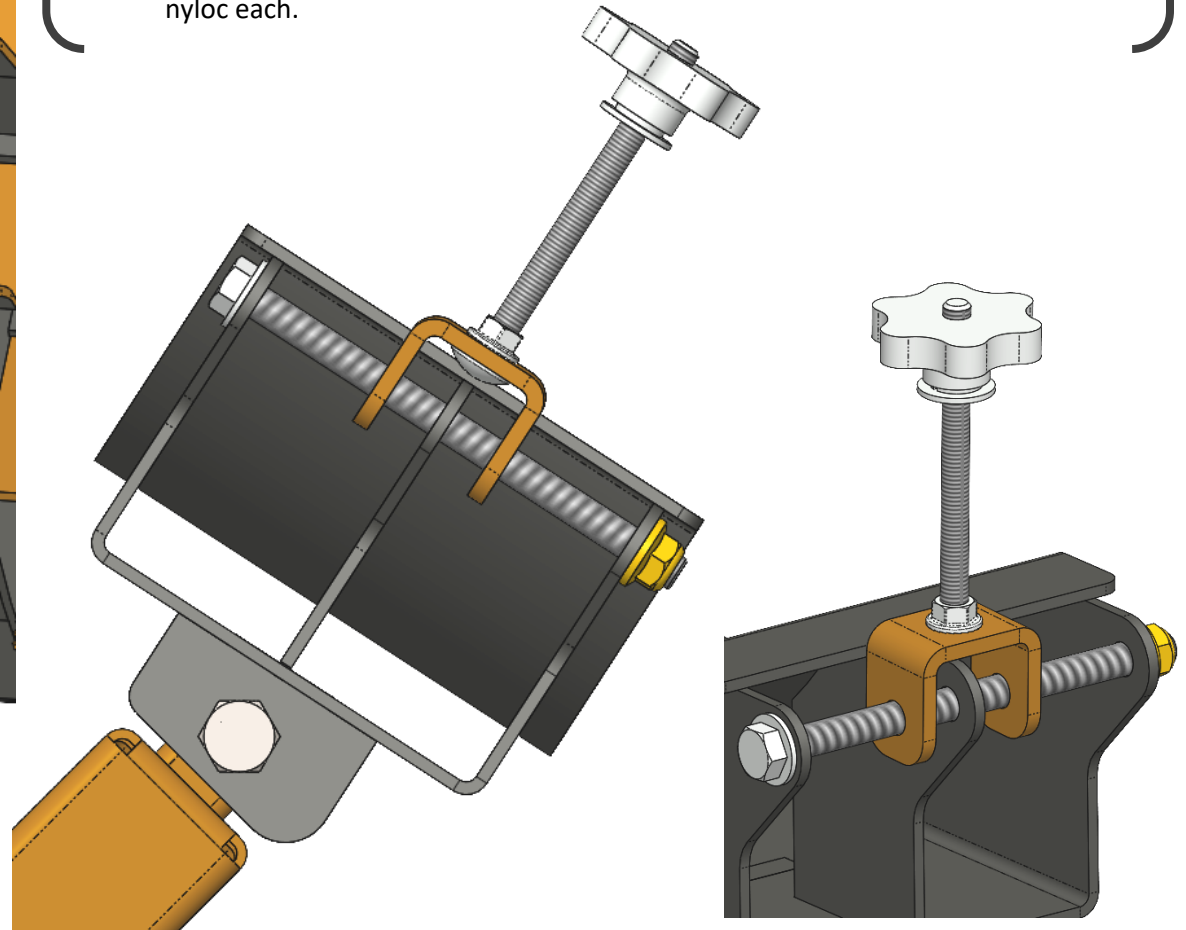


ASSEMBLY—Auger Stow Support (LANCK19616)



To install the auger stow support:

1. Attach the support weldment (LANCK128) to the leg extensions (LANCK125 & 126) with 1/2" x 3.5" bolts—two going front-to-back and two going side-to-side.
2. In front of the axle receiver, fasten with 1/2" x 1.25" bolts.
3. Tighten all the bolts, including the ones in the leg extension kit (LANCK18500).
4. Mount the auger saddle (LANCK139) to the bar with a 1/2" x 7" bolt. Make sure the angled mounts have the wider ends pointing down.
5. Assemble the tie-down arms consisting of LANCK165, 5/16" x 4" carriage bolt, and 5/16" flange nut. Slide on the flat washer, lock washer and turn on the knob.
6. Connect them to LANCK139 as shown with a 3/8" x 5.5 bolt, washer and flange nyloc each.



ASSEMBLY—Jump Auger (LANCK19452)

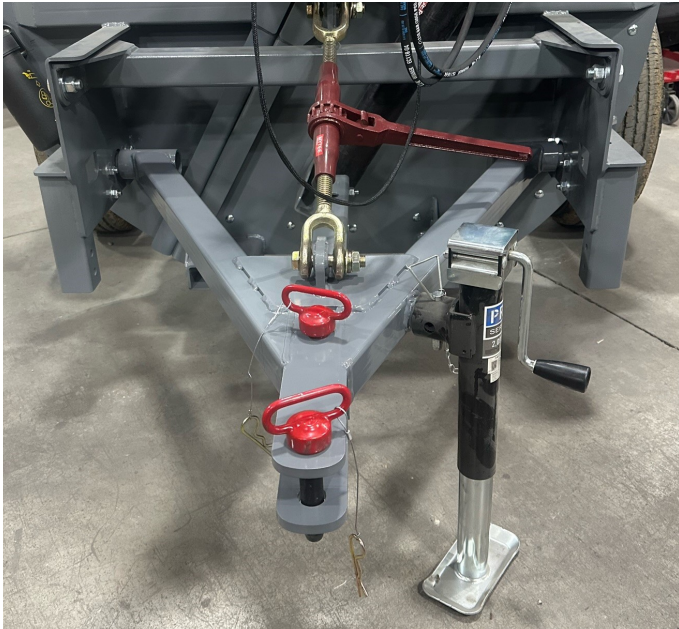


To mount the jump auger:

1. Lift the auger assembly by the lift points. Lower the swivel/pivot end onto the housing inlet and align the mount holes. Mount with (4) 3/8" x 1.25" carriage bolts and flange nyloc nuts. Tighten and lower to the ground or stow saddle.
2. To keep the auger in place while transporting, flip the tie-down bolts/knobs into the mounted saddle slots and tighten down. (The tube rest saddle [LANCK133] may need to be moved if the bolts can't mesh in the slots.)
3. Use the jack/wheel to raise, lower and swing the auger around.



ASSEMBLY—Trailer (LANCK17383)



1. Mount the front brace bar (LANCK162) to the front of the machine with 3/4" hardware.
2. If the hammer mill utilizes a hopper, join the leg extensions in back with the rear brace bar (LANCK161).
3. Set the hitch frame (LANCK2045) in between the front flanges, slide a pivot bracket (LANCK2047) into each side and fasten with 1/2" hardware.
4. Connect the hitch frame to the brace bar with the turnbuckle and level the hitch.
5. Slide in the extension, pin it with a 1" pin and retain it with a 1/2" bolt.
6. Attach the PTO hanger to the upper frame mount point with a 3/4" bolt.
7. Hang the PTO shaft with the chain and carabiners.

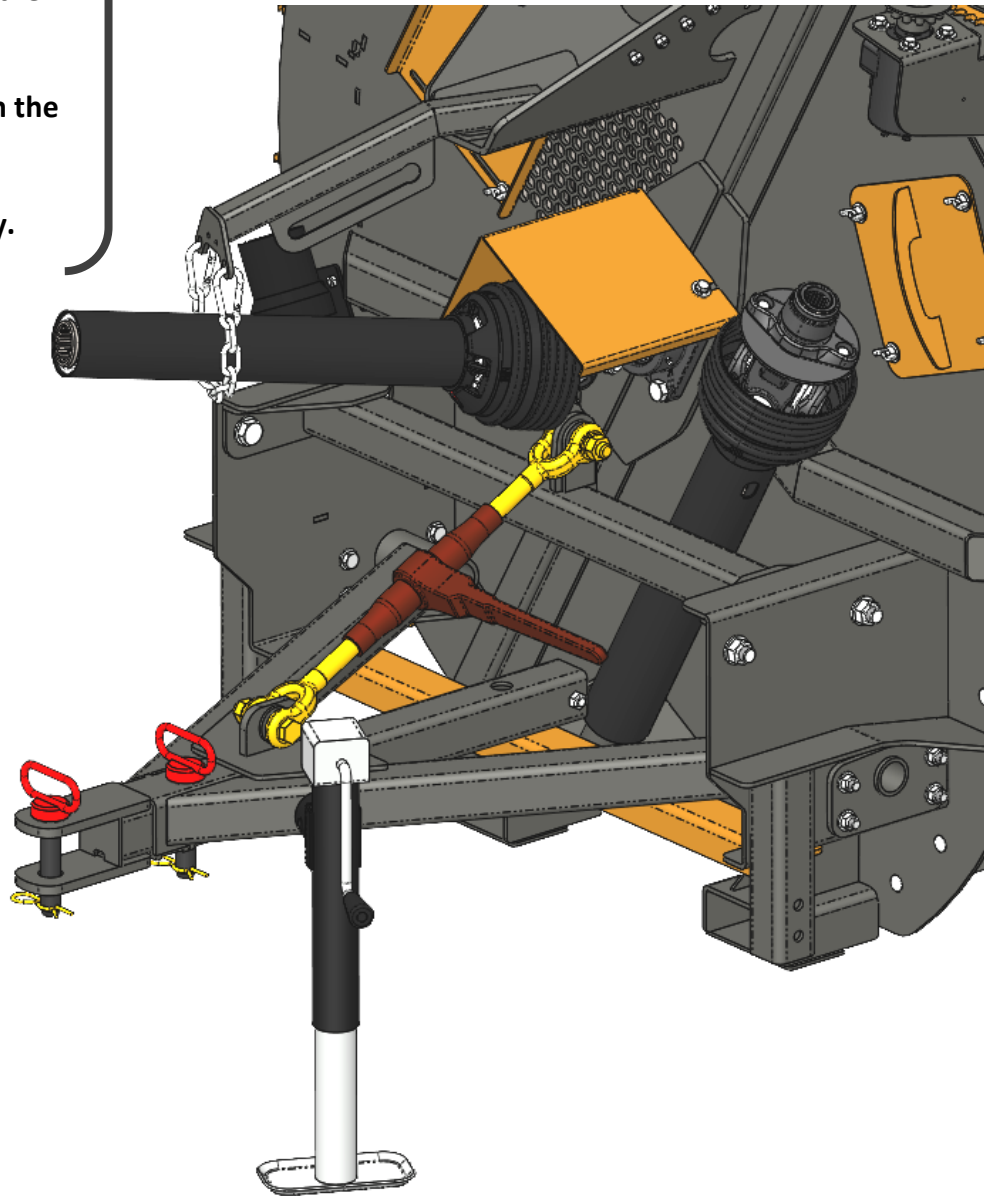
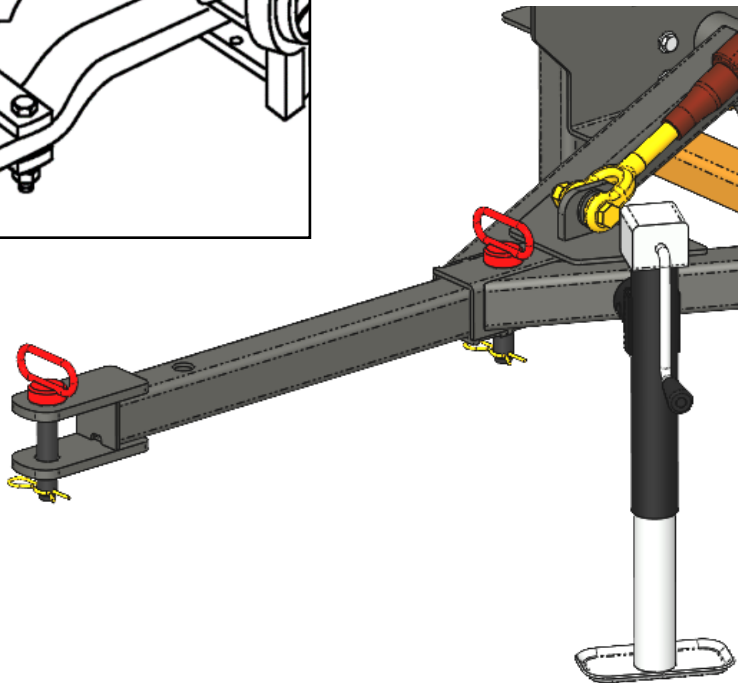
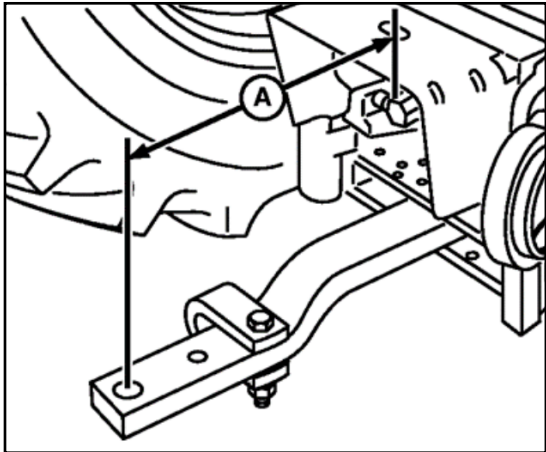


Operation—Trailer (LANCK17383)

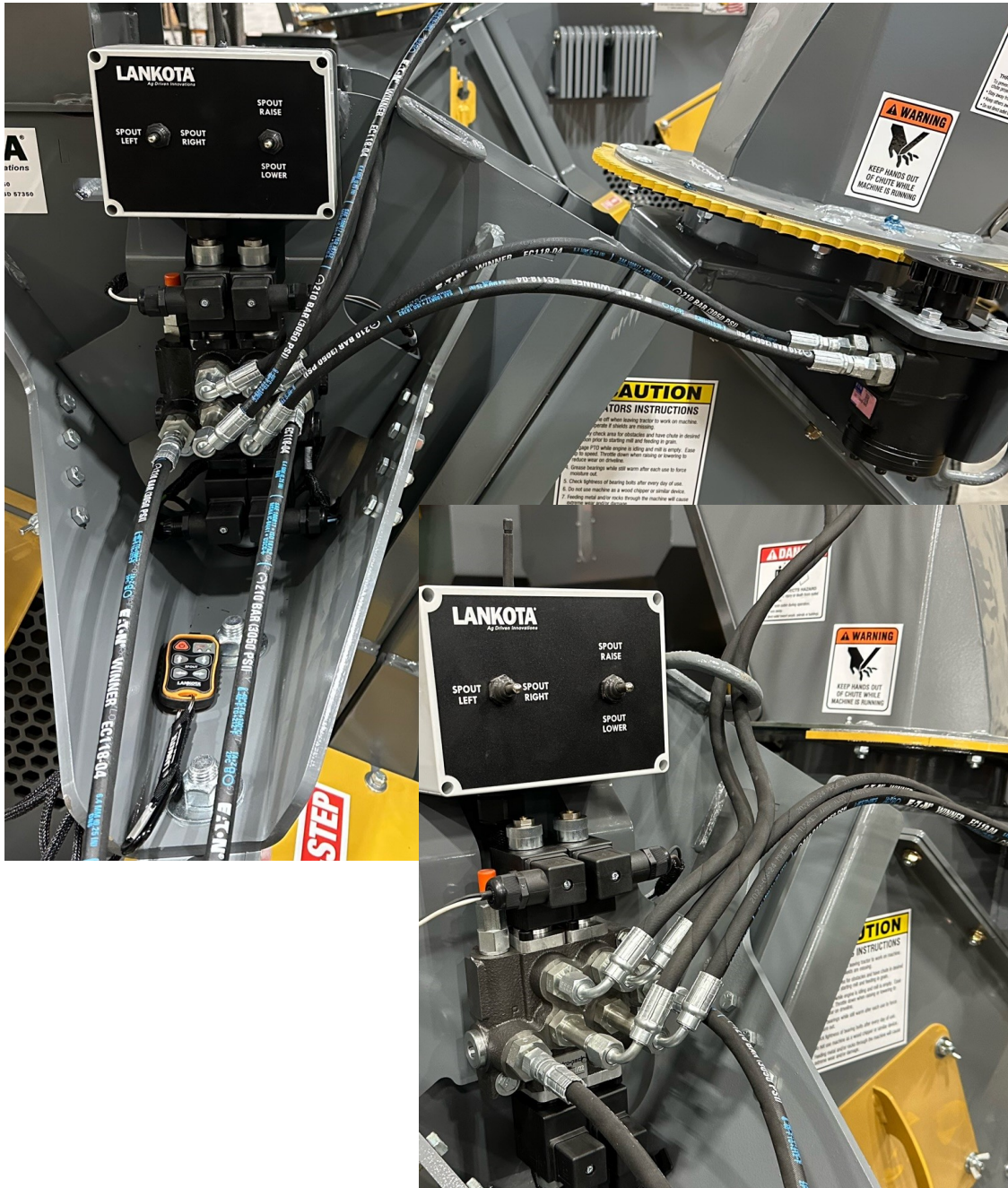
The tractor's drawbar must be set so the centerline of the draw pin to the end of the PTO shaft (A) is 16" or less. Any longer and damage to the driveshaft may occur.

When operating the hammer mill/trailer unit, the hitch **MUST** be in the shortened position. If not, the driveshaft will be too short.

Use the hitch in extended position when towing on the highway.



ASSEMBLY—Hyd Remote (LANCK23510)



1. Fasten all fittings to the hydraulic block as depicted. (Long fittings on bottom.)
2. Mount hyd block to mount bracket, followed by the control box and harness.
3. Connect the wiring connections to the block as shown here and detailed on page 59.
4. Run the hoses from the block to their respective ports on the chute cylinder or rotation motor. See page 59.

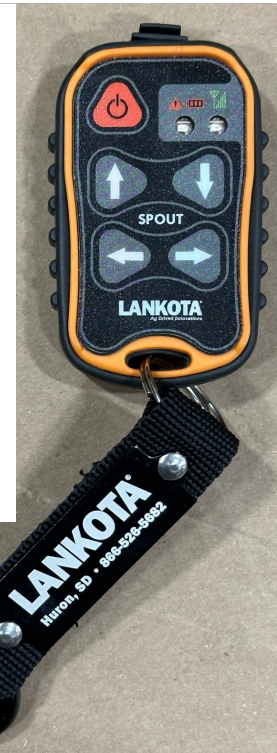
On older machines, it may be necessary to drill four 5/16” holes to install the hydraulic block.

Make sure the orifice fitting is in one of the rotation motor lines.

Operation—Hyd Remote (LANCK23510)



- Connect the hoses and electrical plug to a tractor, lower the hydraulic's flow, and turn on the hydraulic flow.
- If pressure is going the wrong direction or main lines are connected backwards, nothing will work in the block.
- The control box can be used in lieu of the remote, when around the machine.



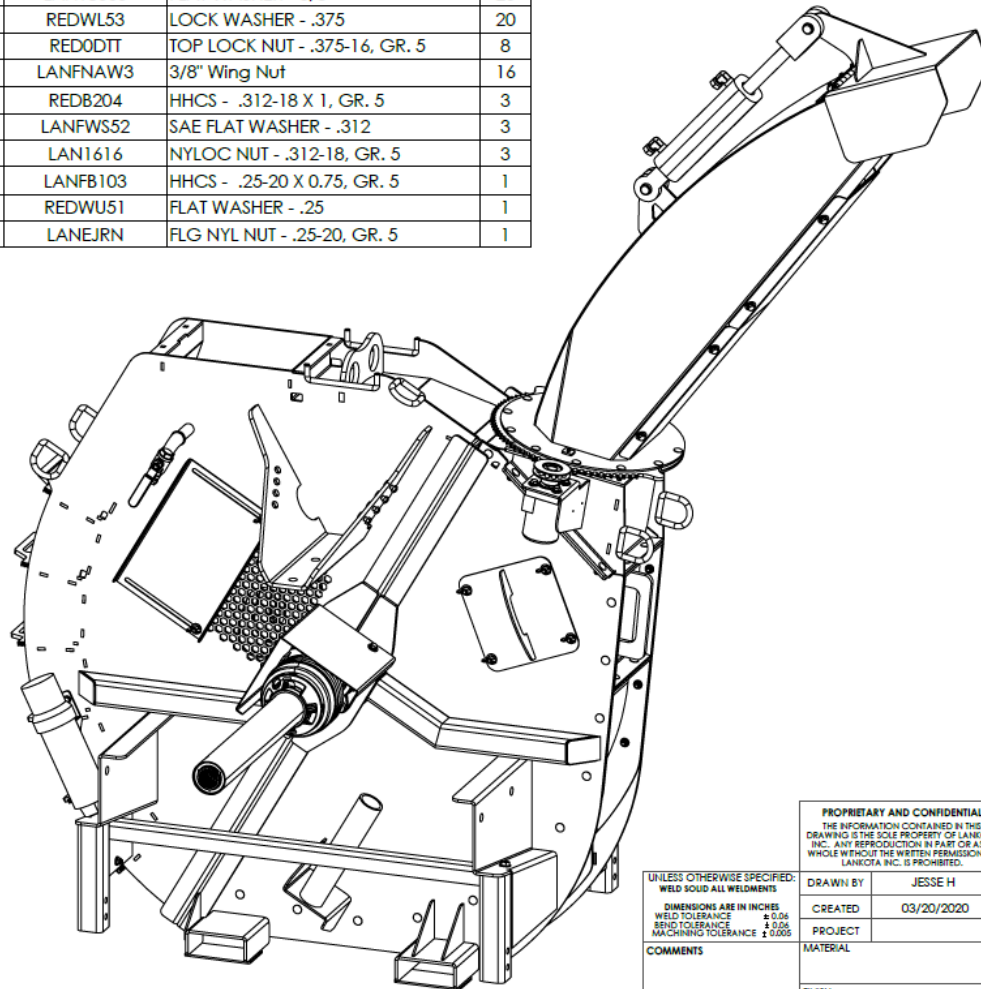
The Remote

- It has a range of over 300 feet.
- If lost, a replacement can be purchased from Lankota.
- To sync and new remote:
 - ◇ Turn off remote and unplug the control box
 - ◇ Press and hold the remote power button for 10 seconds; both LEDs will start blinking
 - ◇ Plug in the control box
 - ◇ The green LED will flash rapidly when connected
- A blinking red LED indicates a low battery or a system error.
- A full charge takes 3 hours. Once fully charged, the red LED will turn off and the green LED will turn on.
- The green LED flashes rapidly whenever connected.

Assembly

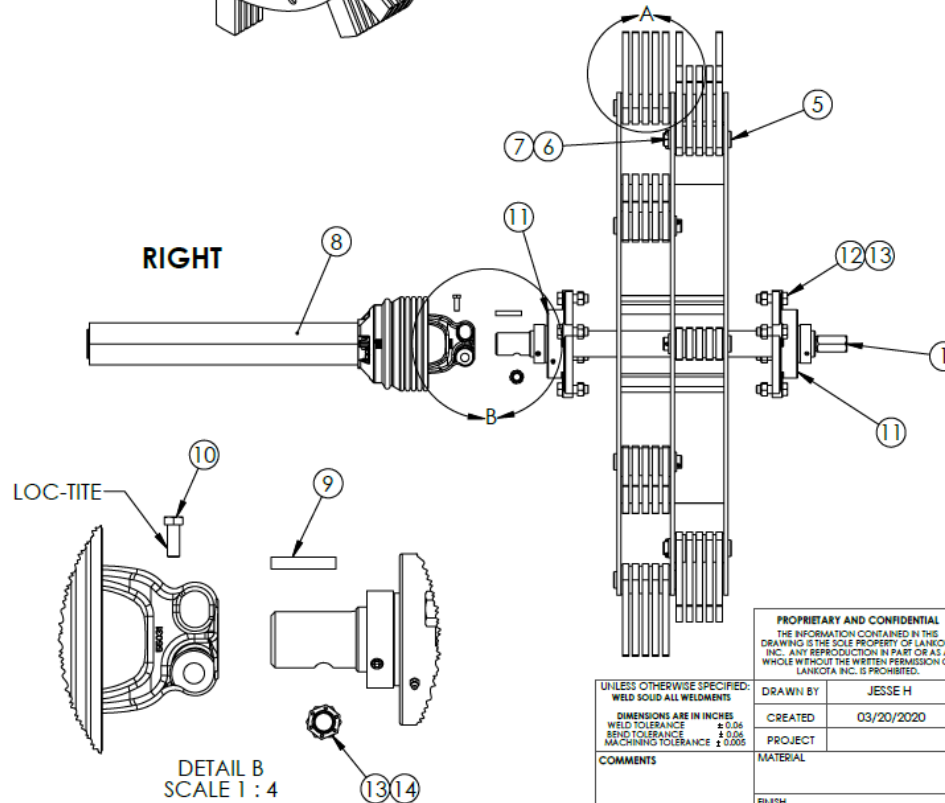
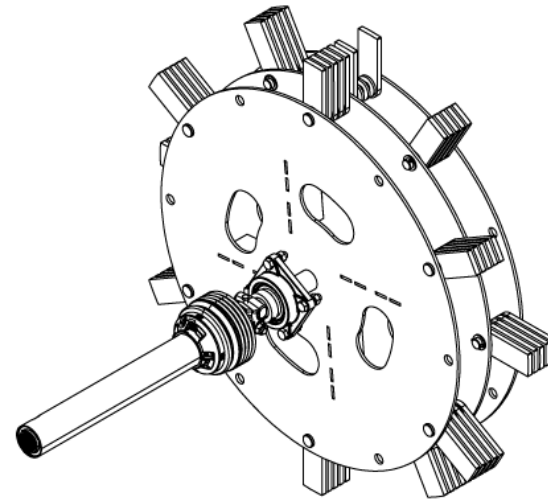
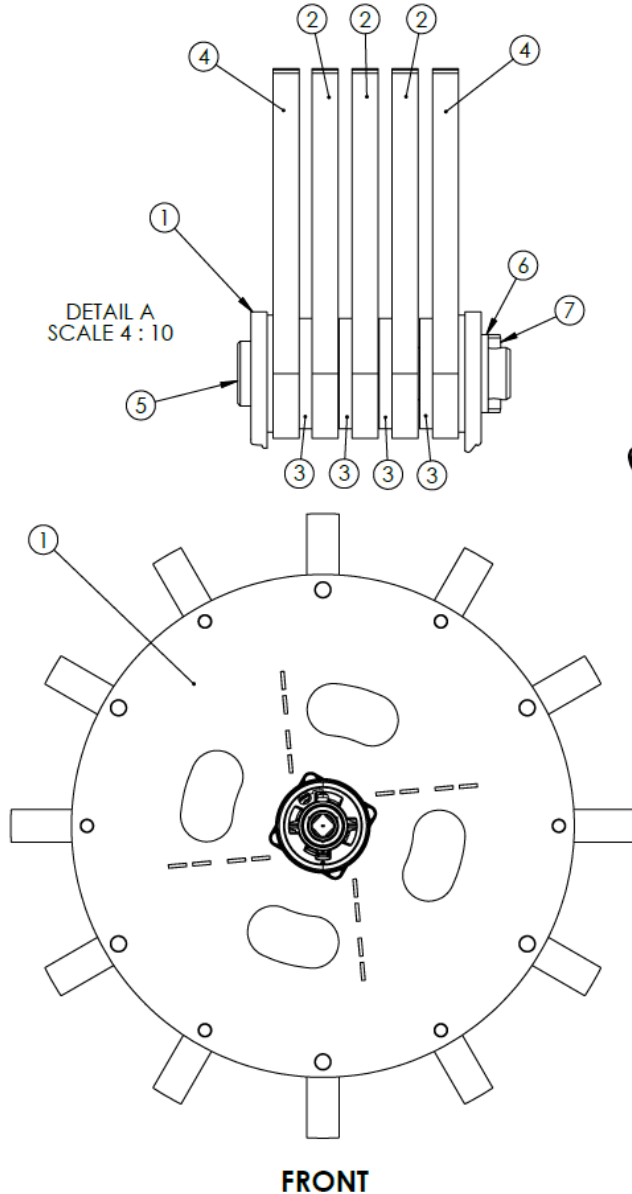
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	LANCK1100A	Hammer Mill - 10" Drum	1
2	LANCK1100B	Housing - Shear/Intake	1
3	LANCK1100C	Housing Discharge Front	1
4	LANCK1100D	Housing Discharge Rear	1
5	LANCK1100EA	10" Wear Curve	1
6	LANCK1100EB	10" Wear Curve	1
7	LANCK1100EC	10" Wear Curve	1
8	LANCK1100F	10" Discharge Spout Mount	1
9	LANCK1100G	10" Side Door	1
10	LANCK1100S	10" Shear Plate	6
11	LANCK108	Shear Plate Slot Cover	6
12	LANCK17157SH	Jimmy Chute Assembly	1
13	LANCK101	Hammer for Corn Cracker	36
14	LANCK112	Hammer Spacer	48
15	LANCK113	Hammer for Corn Cracker	24
16	LANCK114	Hammer Delete Spacer	12
17	LANCK1100P	Corn Cracker Hammer Clevis Pin	12
18	LANF-FWM-1.00	1.00" Machine Washer, 10 GA	12
19	LANFO17W	Roll Pin, 1/4" x 1.5"	12
20	LANCK102	Air Intake Gate	2
21	LANCK103	PTO Shield	1
22	LANCK104	Hammer Mill Slug Wrench	1
23	LANCK106	Wrench Retainer Latch	1
24	LANCK107	Lower Arm Cross Brace	1
25	LANCK109	Hammer Acces Door	2
26	LANCK110	Hammer Mill Rear Shaft Cover	1
27	LANCK111	Clean Out Door	1
28	LAN92-28453	55E Series Joint & Half Shaft, Mill Half	1
29	RED10BX	3/8" X 2" SQUARE KEY STOCK	1
30	REDB712	HHCS - .625-11 X 3, GR. 5	1
31	RED-1000-FB-2.00	NANF 4-Bolt Flange Units	2
32	LAN26B00	HHCS - .625-11 X 2, GR. 5	8
33	REDKRJF	TOP LOCK NUT - .625-11, GR. 5	9
34	RED01-315C	MANUAL HOLDER CANISTER	1
35	LAN0401828	Brass 3/4" NPT 90° Street Elbow	1
36	LAN70815T47	3/4"GHT x 3/4"MPT Swivel Adapter	1
37	LAN47865K24	Brass Ball Valve, 3/4" NPT	1
38	LAN1101	LINCH PIN - .188 X 1.56	2
39	LAN4638K718	3/4" NPT Plug	1
40	RED-HH-70	70' x 1/4" Hyd Hose	2
41	RED-HH-120	120' x 1/4" Hyd Hose	2
42	RED1501-6-8	3/8" M x 1/2" F 90° Pipe Fitting	2
43	RED1404-8-8	1/2" Pipe Thread Swivel Reducer - 1/32" Orifice	1
44	LAN8010-4	1/2" Female Pioneer Tip - Pipe Thread	2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
45	REDB505	HHCS - .5-13 X 1.25, GR. 5	2
46	LANFWS55	SAE FLAT WASHER - .5	2
47	LAN506K	CARRBLT - .5-13 X 1.5	28
48	LANFNXC1	FLG NYL NUT - .5-13, GR. 5	18
49	RED1F30	TOP LOCK NUT - .5-13, GR. 5	12
50	LAN18A	CARRBLT - .375-16 X 1	48
51	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	48
52	LAN18A00	HHCS - .375-16 X 1, GR. 5	13
53	LAN18000	FLAT WASHER - 3/8	20
54	REDWL53	LOCK WASHER - .375	20
55	RED0DT	TOP LOCK NUT - .375-16, GR. 5	8
56	LANFNAW3	3/8" Wing Nut	16
57	REDB204	HHCS - .312-18 X 1, GR. 5	3
58	LANFWS52	SAE FLAT WASHER - .312	3
59	LAN1616	NYLOC NUT - .312-18, GR. 5	3
60	LANFB103	HHCS - .25-20 X 0.75, GR. 5	1
61	REDWU51	FLAT WASHER - .25	1
62	LANEJRN	FLG NYL NUT - .25-20, GR. 5	1



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	CREATED		Hammer Mill - 10"	
	PROJECT			
COMMENTS	MATERIAL		SIZE	DWG. NO.
	FINISH		B	LANCK17157
DO NOT SCALE DRAWING			REV	03
		SCALE: 1:12	WEIGHT: 479.35	SHEET 1 OF 7

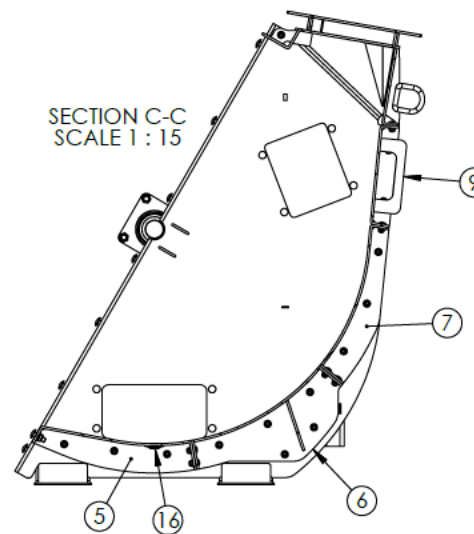
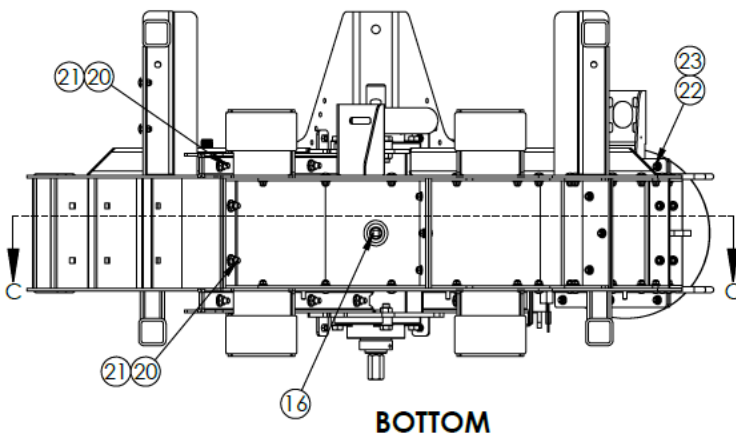
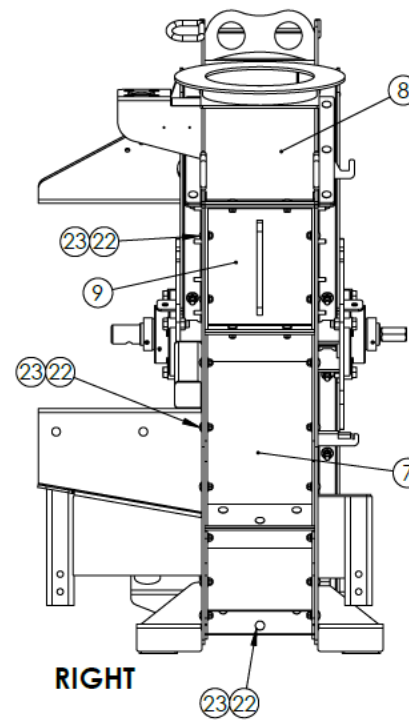
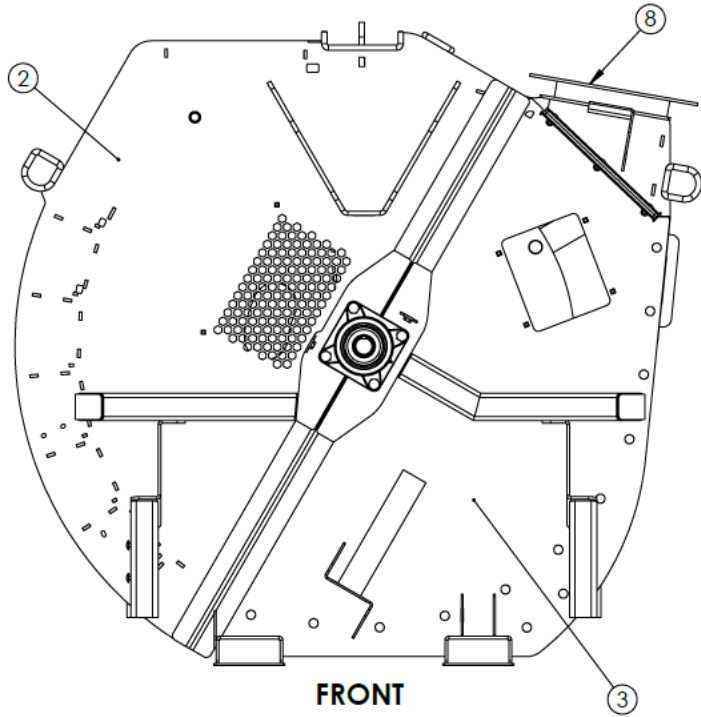
Drum Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	LANCK1100A	Hammer Mill - 10" Drum	1
2	LANCK101	Hammer for Corn Cracker	36
3	LANCK112	Hammer Spacer	48
4	LANCK113	Hammer for Corn Cracker	24
5	LANCK1100P	Corn Cracker Hammer Clevis Pin	12
6	LANF-FWM-1.00	1.00" Machine Washer, 10 GA	12
7	LANF017W	Roll Pin, 1/4" x 1.5"	12
8	LAN92-28453	55E Series Joint & Half Shaft, Mill Half	1
9	RED10BX	3/8" X 2" SQUARE KEY STOCK	1
10	LAN18A00	HHCS - .375-16 X 1, GR. 5	1
11	RED-1000-FB-2.00	NANF 4-Bolt Flange Units	2
12	LAN26B00	HHCS - .625-11 X 2, GR. 5	8
13	REDKRJF	TOP LOCK NUT - .625-11, GR. 5	9
14	REDB712	HHCS - .625-11 X 3, GR. 5	1

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		FINISH:	WEIGHT: 2105.02	SHEET 2 OF 7	

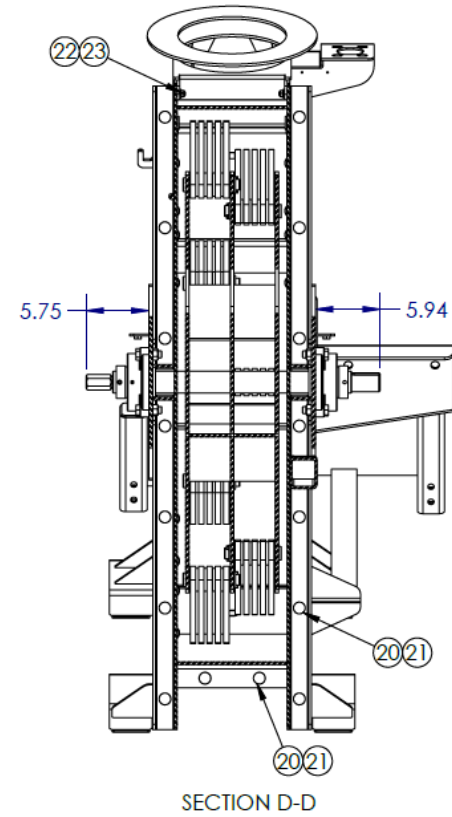
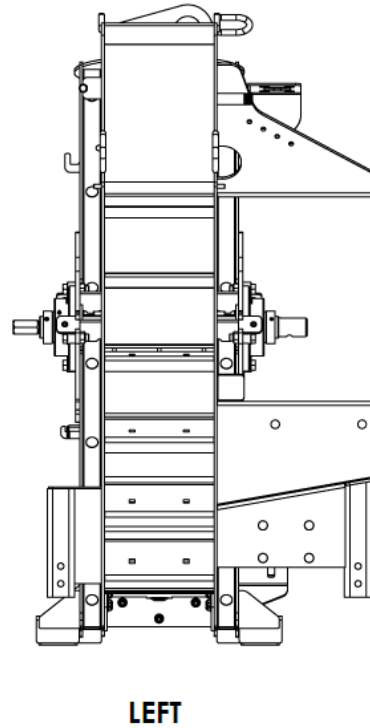
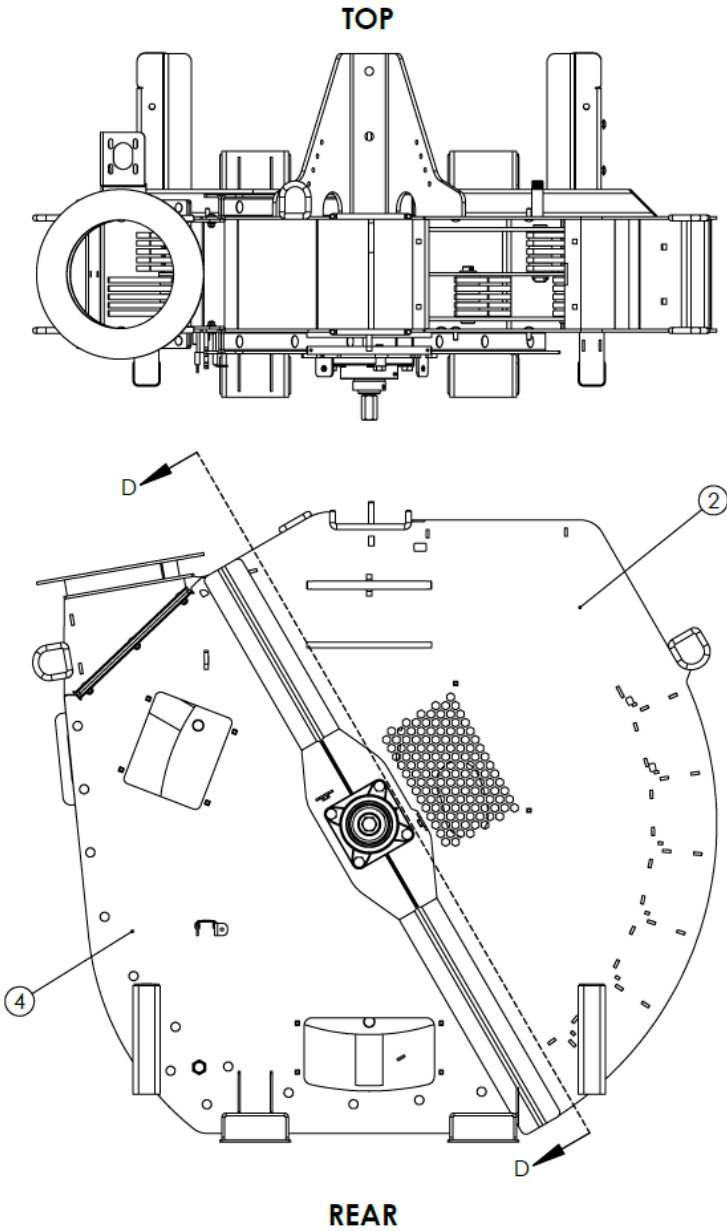
Housing Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	LANCK1100A	Hammer Mill - 10" Drum	1
2	LANCK1100B	Housing - Shear/Intake	1
3	LANCK1100C	Housing Discharge Front	1
4	LANCK1100D	Housing Discharge Rear	1
5	LANCK1100EA	10" Wear Curve	1
6	LANCK1100EB	10" Wear Curve	1
7	LANCK1100EC	10" Wear Curve	1
8	LANCK1100F	10" Discharge Spout Mount	1
9	LANCK1100G	10" Side Door	1
10	LANCK1100P	Corn Cracker Hammer Clevis Pin	12
11	LANCK101	Hammer for Corn Cracker	36
12	LANCK112	Hammer Spacer	48
13	LANCK113	Hammer for Corn Cracker	24
14	LANF-FWM-1.00	1.00" Machine Washer, 10 GA	12
15	LANF017W	Roll Pin, 1/4" x 1.5"	12
16	LAN4638K718	3/4" NPT Plug	1
17	RED-1000-FB-2.00	NANF 4-Bolt Flange Units	2
18	LAN26B00	HHCS - .625-11 X 2, GR. 5	8
19	REDKRJF	TOP LOCK NUT - .625-11, GR. 5	8
20	LAN506K	CARRBLT - .5-13 X 1.5	16
21	LANFNXC1	FLG NYL NUT - .5-13, GR. 5	16
22	LAN18A	CARRBLT - .375-16 X 1	48
23	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	48

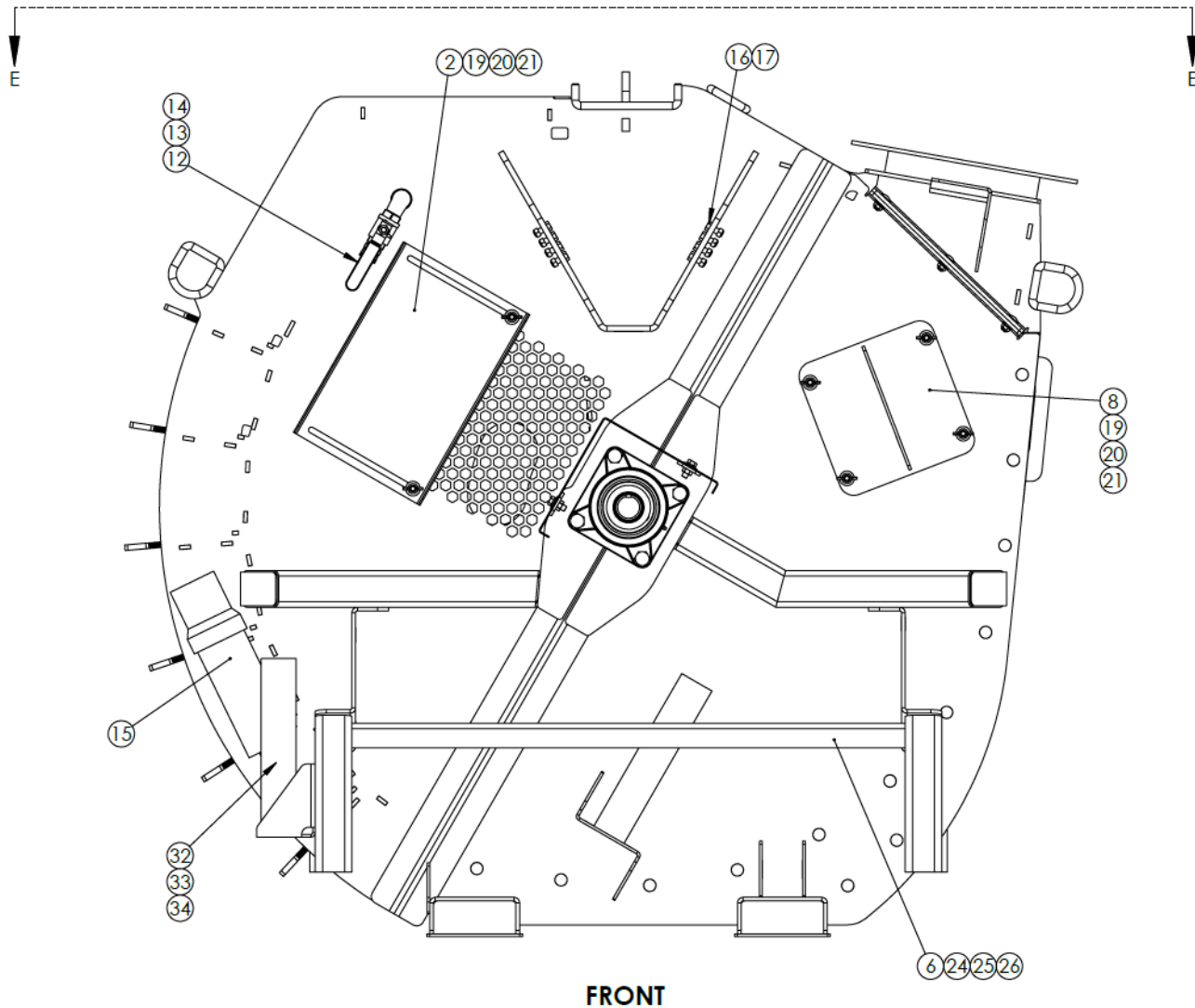
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<small>DO NOT SCALE DRAWING</small>		DRAWN BY: JESSE H CREATED: 03/20/2020 PROJECT:	TITLE: Hammer Mill - 10"	
COMMENTS:		MATERIAL: FINISH:	SIZE: B DWG. NO.: LANCK17157 SCALE: 1:12 WEIGHT: 479.35	REV: 03 SHEET 3 OF 7

Housing Assembly



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COMMENTS		CREATED: 03/20/2020					
DO NOT SCALE DRAWING		MATERIAL:		SIZE: B		DWG. NO. LANCK17157	
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				WEIGHT: 2106.61		SHEET 4 OF 7	

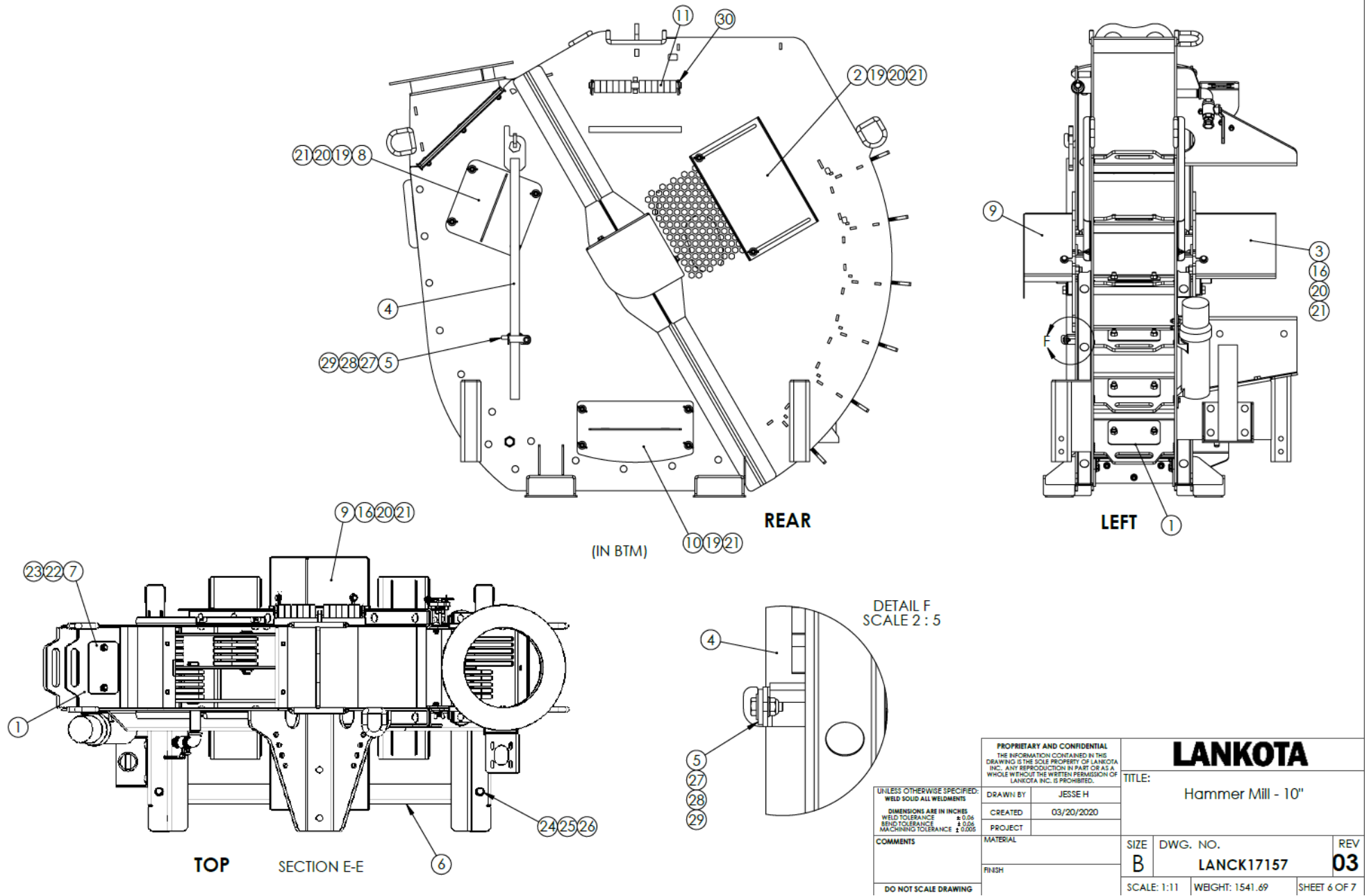
Covers & Panels



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK1100S	10" Shear Plate	6
2	LANCK102	Air Intake Gate	2
3	LANCK103	PTO Shield	1
4	LANCK104	Hammer Mill Slug Wrench	1
5	LANCK106	Wrench Retainer Latch	1
6	LANCK107	Lower Arm Cross Brace	1
7	LANCK108	Shear Plate Slot Cover	6
8	LANCK109	Hammer Access Door	2
9	LANCK110	Hammer Mill Rear Shaft Cover	1
10	LANCK111	Clean Out Door	1
11	LANCK114	Hammer Delete Spacer	12
12	LAN47865K24	Brass Ball Valve, 3/4" NPT	1
13	LAN70815T47	3/4"GHT x 3/4"MPT Swivel Adapter	1
14	LAN0401828	Brass 3/4" NPT 90° Street Elbow	1
15	RED01-315C	MANUAL HOLDER CANISTER	1
16	LAN18A00	HHCS - .375-16 X 1, GR. 5	12
17	RED0DTT	TOP LOCK NUT - .375-16, GR. 5	8
18	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	6
19	LANFNAW3	3/8" Wing Nut	16
20	REDWL53	LOCK WASHER - .375	20
21	LAN18000	FLAT WASHER - 3/8	20
22	LAN506K	CARRBLT - .5-13 X 1.5	12
23	RED1F30	TOP LOCK NUT - .5-13, GR. 5	12
24	REDB505	HHCS - .5-13 X 1.25, GR. 5	2
25	LANFWS55	SAE FLAT WASHER - .5	2
26	LANFNXC1	FLG NYL NUT - .5-13, GR. 5	2
27	LANFB103	HHCS - .25-20 X 0.75, GR. 5	1
28	REDWU51	FLAT WASHER - .25	1
29	LANEJRN	FLG NYL NUT - .25-20, GR. 5	1
30	LAN1101	LINCH PIN - .188 X 1.56	2
31	LAN18A	CARRBLT - .375-16 X 1	6
32	REDB204	HHCS - .312-18 X 1, GR. 5	3
33	LANFWS52	SAE FLAT WASHER - .312	3
34	LAN1616	NYLOC NUT - .312-18, GR. 5	3
35	LANCK116	2nd PTO Shaft Carrier	1

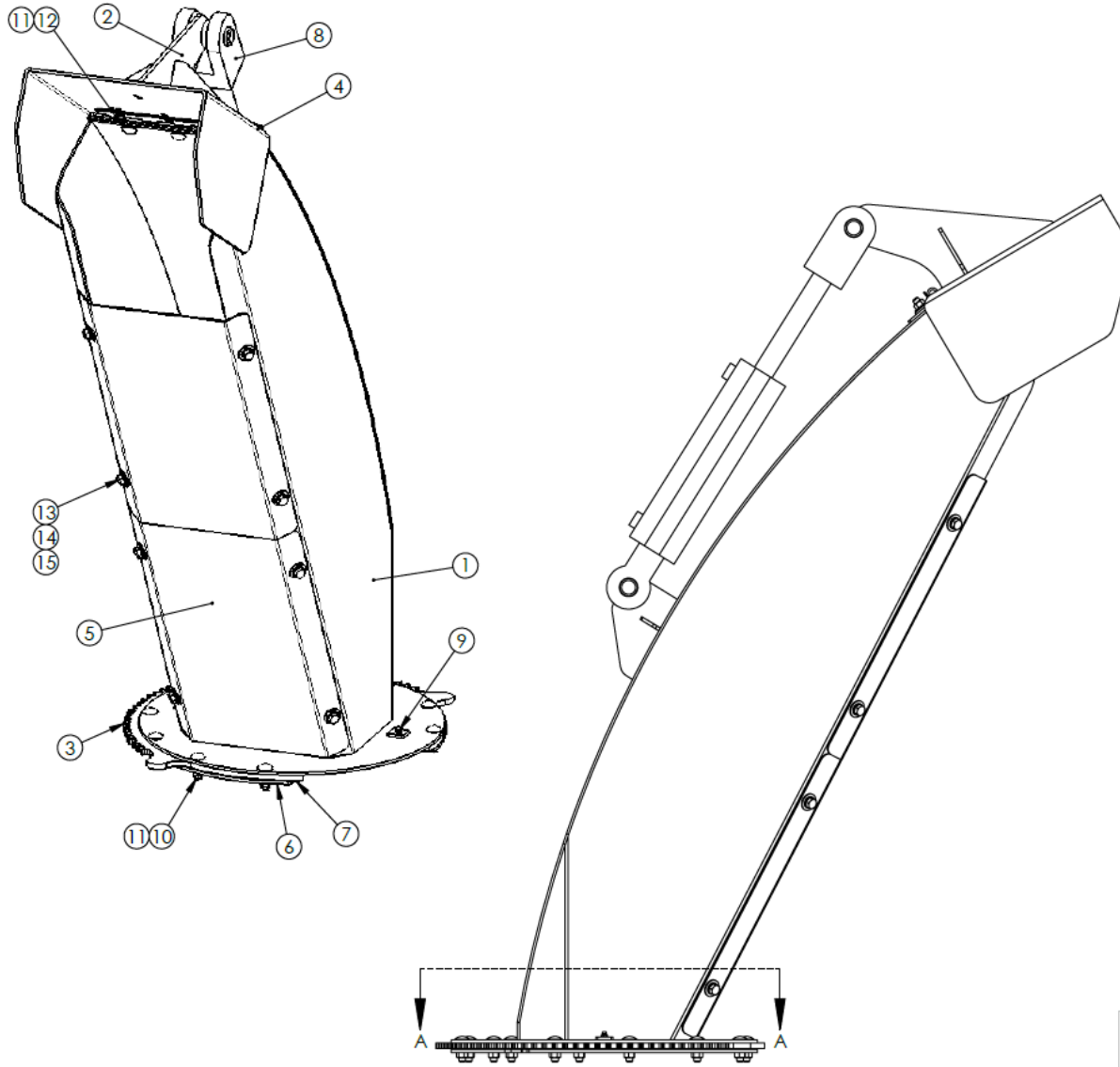
<small>UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE ± .004 BEND TOLERANCE ± 0.06 MACHINING TOLERANCE ± .0005</small>		<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LANKOTA INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LANKOTA INC. IS PROHIBITED.</small>		<h2>LANKOTA</h2>	
<small>DRAWN BY: JESSE H CREATED: 03/20/2020 PROJECT:</small>		<small>TITLE:</small> <h3>Hammer Mill - 10"</h3>		<small>SIZE: B DWG. NO.: LANCK17157 REV: 03</small>	
<small>COMMENTS</small>		<small>MATERIAL</small>		<small>SCALE: 1:8 WEIGHT: 1541.69 SHEET 5 OF 7</small>	
<small>FINISH</small>		<small>DO NOT SCALE DRAWING</small>			

Covers & Panels

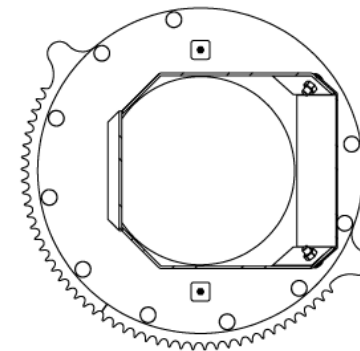


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<small>DRAWN BY: JESSE H CREATED: 03/20/2020 PROJECT:</small>		TITLE: <h3>Hammer Mill - 10"</h3>	
<small>COMMENTS:</small>		SIZE B	DWG. NO. LANCK17157
<small>FINISH:</small>		SCALE: 1:11	REV 03
		WEIGHT: 1541.69	SHEET 6 OF 7

Chute Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK1100SA	Jimmy Chute, Main	1
2	LANCK1100SB	Jimmy Chute Deflector	1
3	LANCK1100SC	Jimmy Chute Gear	2
4	LANCK1100SD	Chute Hinge Cover	1
5	LANCK1100SE	Hammer Mill Chute Enclosing Panel	2
6	RED89SH-0004	Red Devil 8' & 9' Chute Gear Clamp	2
7	RED89SH1011	8/9 FT Blower Chute Clamp Shim	2
8	RED2010111	2X8 DEFLECTOR CYLINDER	1
9	LANF3231	1/4"-28 Grease Zerk	2
10	RED305K	CARRBLT - .375-16 X 1.25	10
11	REDODTT	TOP LOCK NUT - .375-16, GR. 5	13
12	LAN18A	CARRBLT - .375-16 X 1	3
13	LAN18A00	HHCS - .375-16 X 1, GR. 5	8
14	LAN18000	FLAT WASHER - .375	8
15	REDWL53	LOCK WASHER - .375	8

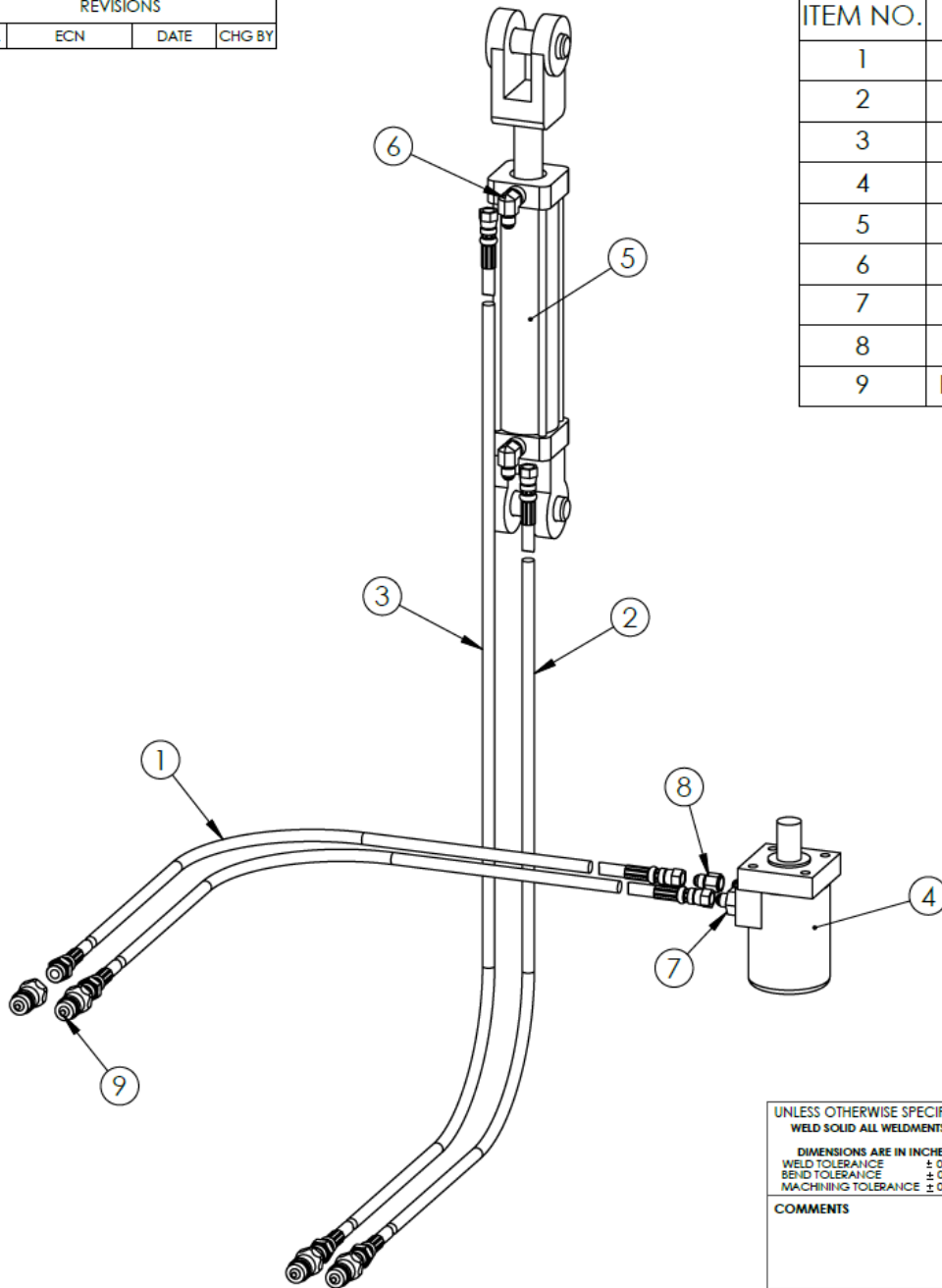


SECTION A-A

<small>UNLESS OTHERWISE SPECIFIED: WELD SOLD ALL WELDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE ± 0.06 BEND TOLERANCE ± 0.06 MACHINING TOLERANCE ± 0.005</small>		<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LANKOTA INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LANKOTA INC. IS PROHIBITED.</small>		<h2 style="text-align: center;">LANKOTA</h2>	
<small>COMMENTS</small>		<small>DRAWN BY</small> JESSE H. <small>CREATED</small> 4/21/2017 <small>PROJECT</small>		<small>TITLE:</small> <h3 style="text-align: center;">Hammer Mill Chute Assembly</h3>	
<small>DO NOT SCALE DRAWING</small>		<small>MATERIAL</small> <small>FINISH</small>		<small>SIZE</small> DWG. NO. B LANCK17157SH <small>REV</small> <small>SCALE: 1:7</small> <small>WEIGHT: 111.61</small> <small>SHEET 1 OF 1</small>	

Chute Hydraulics (Standard)

REVISIONS			
REV.	ECN	DATE	CHG BY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCKH01	Hyd Hose, 1/4" x 86"	2
2	LANCKH02	Hyd Hose, 1/4" x 104"	1
3	LANCKH03	Hyd Hose, 1/4" x 115"	1
4	RED10110	CHUTE ROTATION MOTOR	1
5	LANCYL2008	2X8 DEFLECTOR CYLINDER	1
6	2501-06-06	#6 Male JIC x #6 Male NPT - 90	2
7	6400-06-10	#6 Male JIC x #10 Male ORB - Straight	2
8	2406-06-06 R.031	#6 JIC Male x Female - 1/32" Orifice	1
9	Pioneer 8010-15P	Male Quick Coupler - #8 Female ORB	4

UNLESS OTHERWISE SPECIFIED:
WELD SOLID ALL WELDMENTS
 DIMENSIONS ARE IN INCHES
 WELD TOLERANCE ± 0.031
 BEND TOLERANCE ± 0.031
 MACHINING TOLERANCE ± 0.005

COMMENTS

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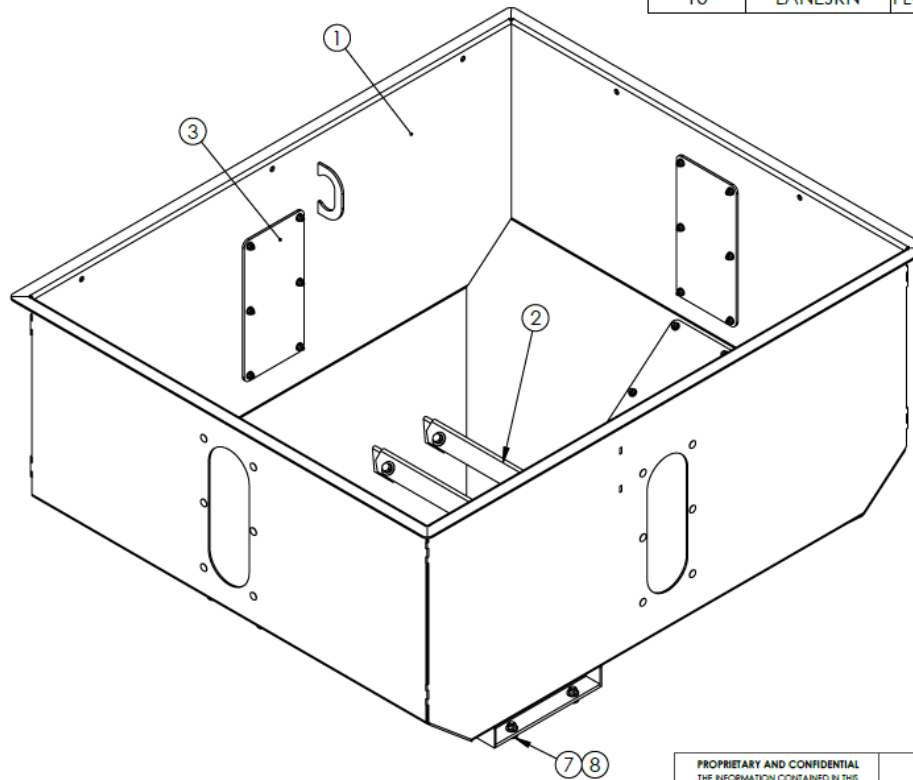
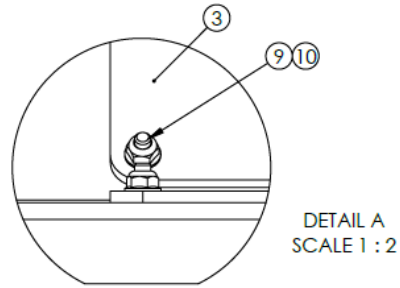
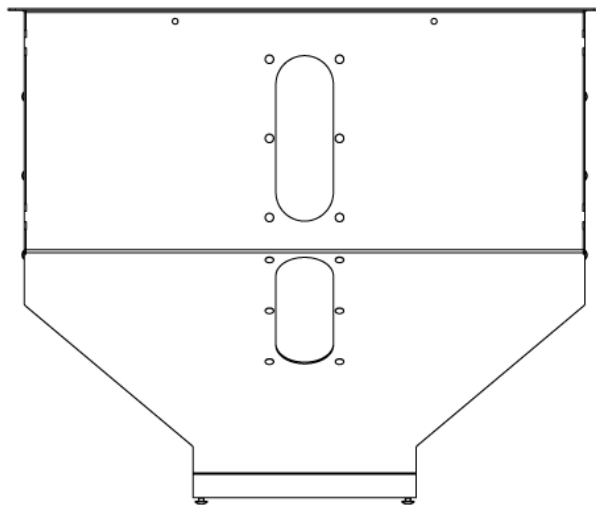
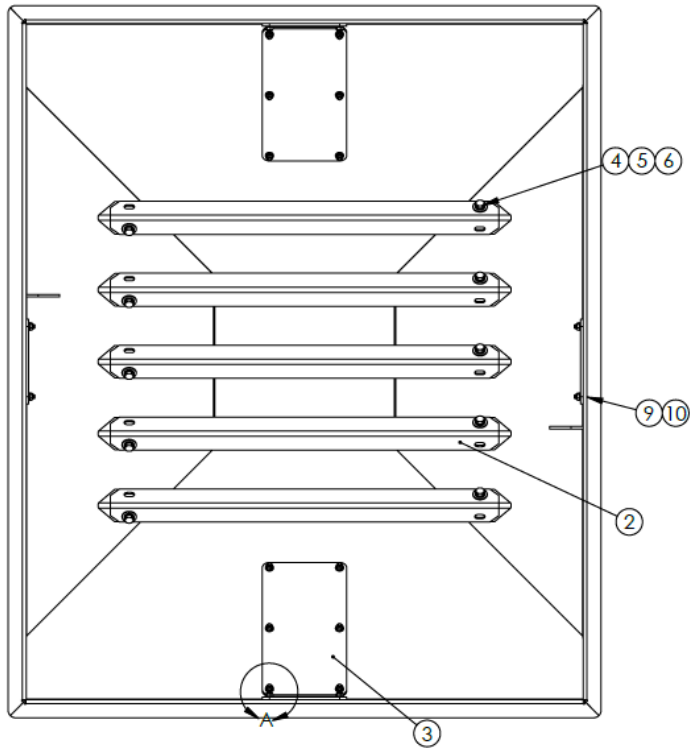
DRAWN BY
 CREATED 04/12/2022
 LAST SAVED 6/22/2022
 PROJECT Hammer Mill

LANKOTA

TITLE:

SIZE	DWG. NO.	REV
A	LANCKHYD1	
SCALE: 1:7	WEIGHT: 24.57	SHEET 1 OF 1

Hopper Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK1100H	10" Hopper	1
2	LANCK1100HB	Hopper Grate - Long	5
3	LANCK117	Hopper Window	6
4	LAN18A00	HHCS - .375-16 X 1, GR. 5	10
5	LAN18000	FLAT WASHER - .375	10
6	REDWL53	LOCK WASHER - .375	10
7	LAN18A	CARRBLT - .375-16 X 1	4
8	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	4
9	LANF103K	CARRBLT - .25-20 X .75	36
10	LANEJRN	FLG NYL NUT - .25-20, GR. 5	36

UNLESS OTHERWISE SPECIFIED:
WELD: SOLID ALL WELDMENTS
DIMENSIONS ARE IN INCHES
WELD TOLERANCE ± 0.06
BEND TOLERANCE ± 0.06
MACHINING TOLERANCE ± 0.005

COMMENTS

DO NOT SCALE DRAWING

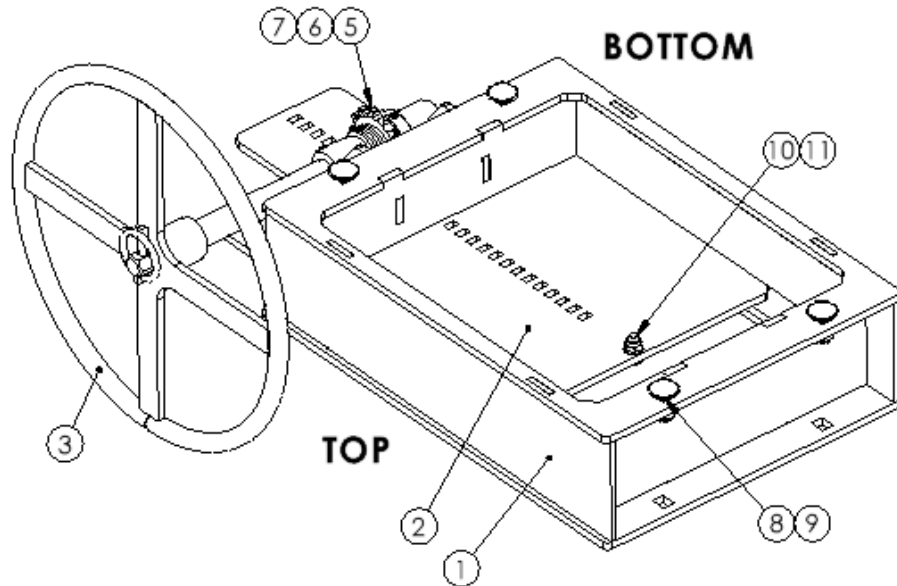
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DRAWN BY: JH
CREATED: 4/21/2017
PROJECT:

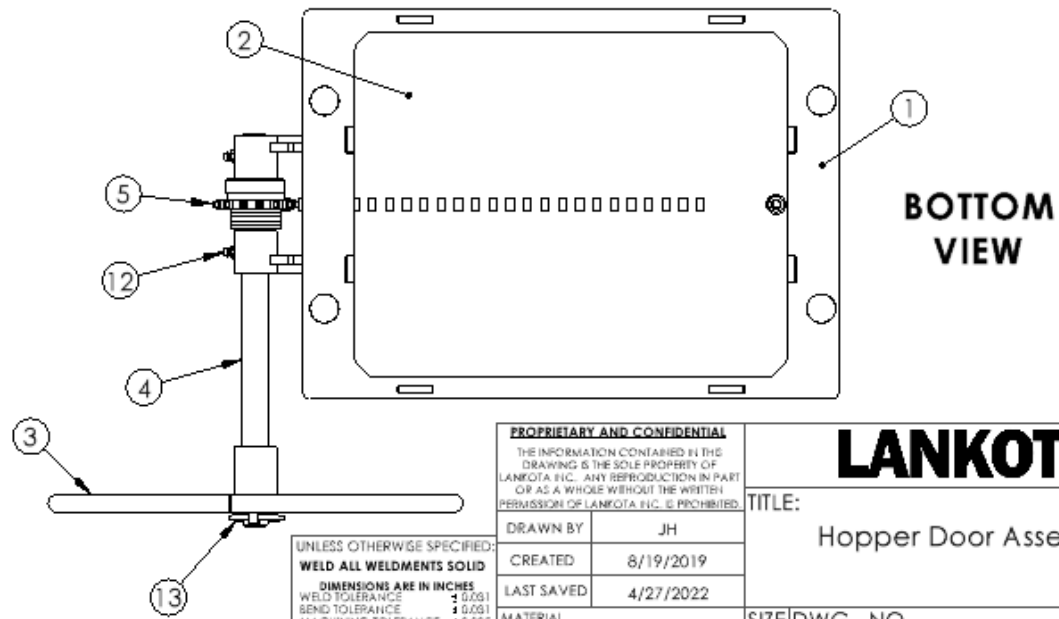
MATERIAL:
FINISH:

LANKOTA		
TITLE:		
SIZE B	DWG. NO. LANCK17157H	REV B
SCALE: 1:9	WEIGHT: 227.41	SHEET 1 OF 1

Hopper Door Assembly



ITEM NO.	PART NUMBER	Description	QTY.
1	LANCK1100J	Hopper Door Housing	1
2	LANCK1100K	Sliding Door	1
3	LANCK105	Hopper Door Wheel	1
4	LANCK122	Hopper Door Drive Shaft	1
5	LAN40B14	Sprocket - ANSI#40, 14 teeth	1
6	LANFWS58	SAE FLAT WASHER - .75	5
7	LANF04B1	Set Screw 1/4"-20 x 1/2"	2
8	LAN18A	CARRBLT - .375-16 X 1	4
9	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	4
10	LANFB103	HHCS - .25-20 X 0.75, GR. 5	1
11	LANEJRN	FLG NYL NUT - .25-20, GR. 5	1
12	LANF3231	1/4"-28 Grease Zerk	2
13	LAN1101	LINCH PIN - .188 X 1.56	1



UNLESS OTHERWISE SPECIFIED:
WELD ALL WELDMENTS SOLID
 DIMENSIONS ARE IN INCHES
 WELD TOLERANCE ± 0.031
 BEND TOLERANCE ± 0.031
 MACHINING TOLERANCE ± 0.005

COMMENTS

DO NOT SCALE DRAWING

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DRAWN BY: JH
 CREATED: 8/19/2019
 LAST SAVED: 4/27/2022

LANKOTA

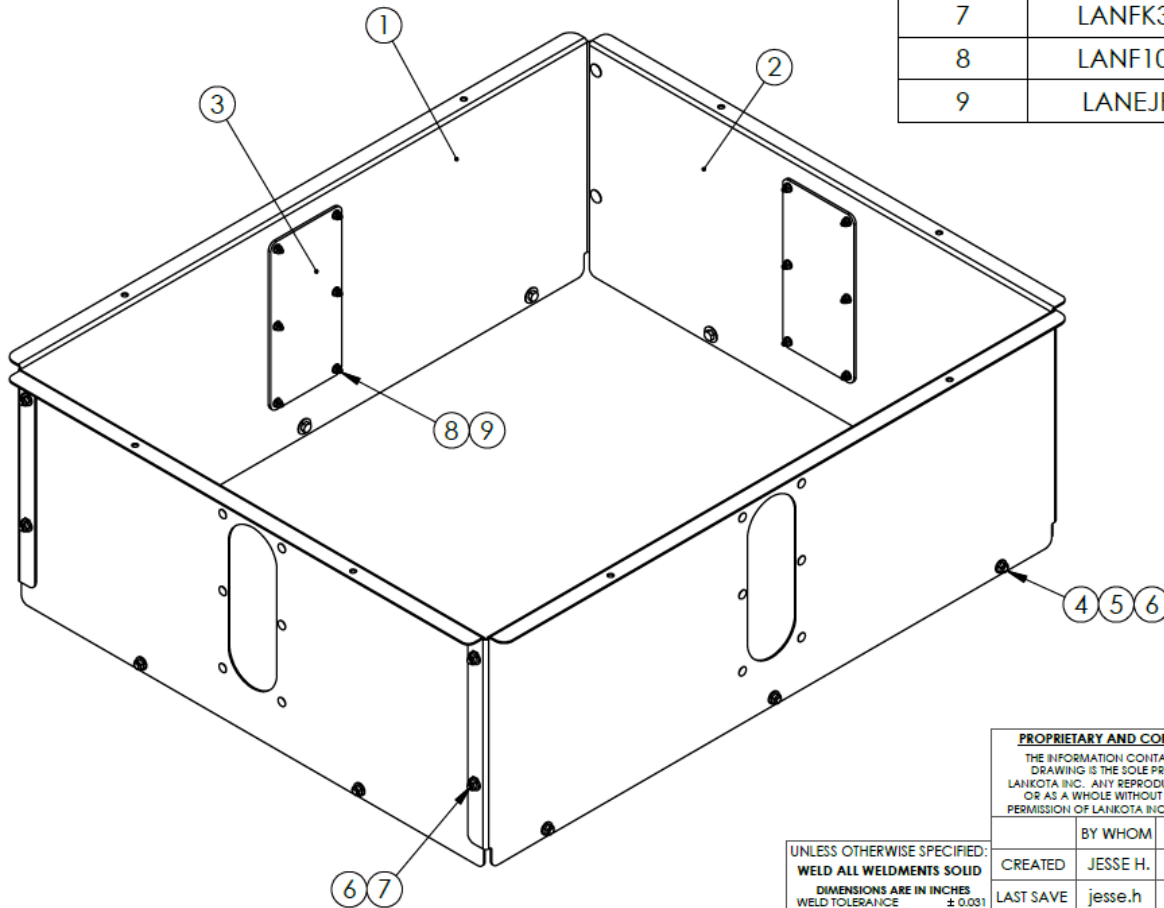
TITLE: Hopper Door Assembly

SIZE: A DWG. NO. **LANCK17157HD** REV **A**

SCALE: 1:5 WEIGHT: 38.73 SHEET 1 OF 1

Hopper Extension

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK1100HF	Hopper Extension Side - Long	2
2	LANCK1100HG	Hopper Extension Side - Short	2
3	LANCK117	Hopper Window	4
4	LANF00MC	HHCS - .375-16 X 0.75, GR. 5	10
5	LAN18000	FLAT WASHER - .375	10
6	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	18
7	LANFK303	CARRBLT - .375-16 X 0.75	8
8	LANF103K	CARRBLT - .25-20 X .75	24
9	LANEJRN	FLG NYL NUT - .25-20, GR. 5	24



The Hopper Extension sits INSIDE the standard hopper.

UNLESS OTHERWISE SPECIFIED:
WELD ALL WELDMENTS SOLID
 DIMENSIONS ARE IN INCHES
 WELD TOLERANCE ± 0.031
 BEND TOLERANCE ± 0.031
 MACHINING TOLERANCE ± 0.008

COMMENTS

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BY WHOM	DATE
CREATED JESSE H.	1/9/2020
LAST SAVE jesse.h	3/5/2021

MATERIAL

FINISH

LANKOTA

TITLE:

Hopper Extension Kit

SIZE DWG. NO.

A

LANCK17157HX

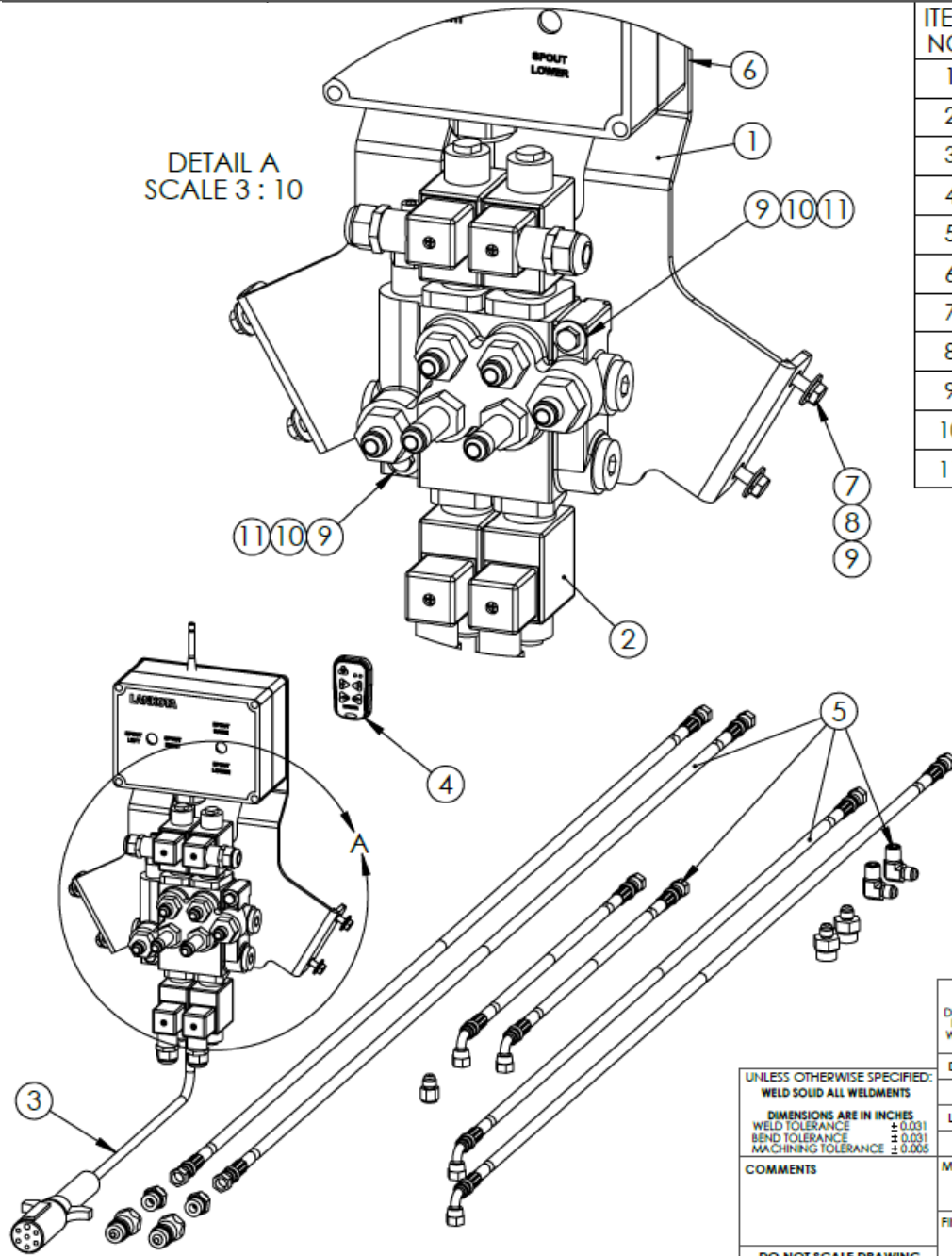
REV

SCALE: 1:10

WEIGHT: 91.33

SHEET 1 OF 2

Wireless Remote for Chute Hydraulics



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK155	Mount, Remote Hyd	1
2	LANHCVS2X13	Hyd Control Valve, 2 Spool/4 Solenoid	1
3	LANCKWH1	Wiring Harness, CK Remote Hyd	1
4	LAN3A2033C	Remote Transmitter, Kar-Tech	1
5	LANCKHYD3	CK Remote Hyd Hose Kit	1
6	LANF0DNT	NYLOC NUT - #8-32	4
7	LANFB104	HHCS - .25-20 X 1, GR. 5	4
8	REDWL51	LOCK WASHER - .25	4
9	REDWU51	FLAT WASHER - .25	6
10	LANFRV5T	HHCS - .25-20 X 2.25, GR. 5	2
11	LANEJRN	FLG NYL NUT - .25-20, GR. 5	2

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CREATED 04/12/2022
LAST SAVED 3/24/2023
PROJECT Hammer Mill

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WELD TOLERANCE ± 0.031
BEND TOLERANCE ± 0.031
MACHINING TOLERANCE ± 0.005

COMMENTS

DO NOT SCALE DRAWING

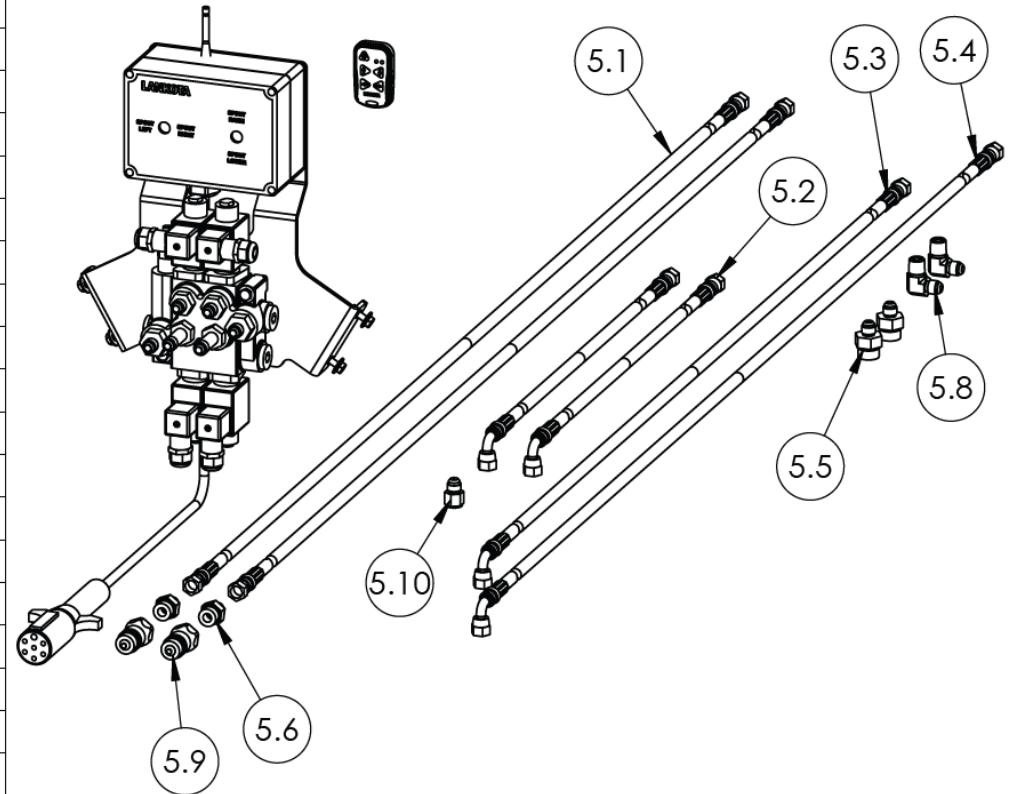
LANKOTA

TITLE:
CK Remote Chute Hyd Kit

SIZE A	DWG. NO. LANCK23510	REV A
SCALE: 1:7	WEIGHT: 44.66	SHEET 1 OF 4

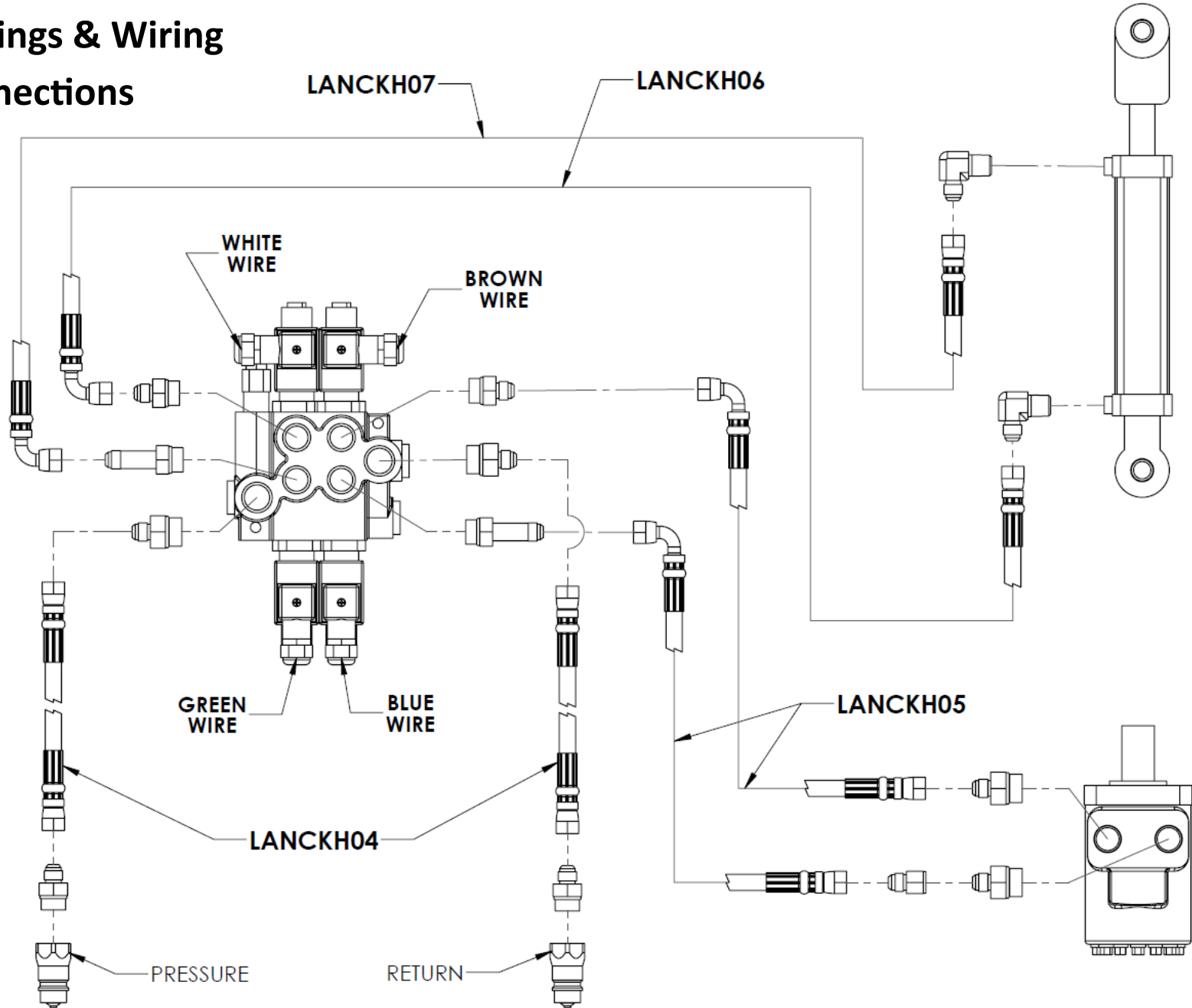
Wireless Remote for Chute Hydraulics—Continued

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK155	Mount, Remote Hyd	1
2	LANHCVS2X13	Hyd Control Valve, 2 Spool/4 Solenoid	1
3	LANCKWH1	Wiring Harness, CK Remote Hyd	1
4	LAN3A2033C	Remote Transmitter, Kar-Tech	1
5	LANCKHYD3	CK Remote Hyd Hose Kit	1
5.1	LANCKH04	Hyd Hose, 1/4" x 64"	2
5.2	LANCKH05	Hyd Hose, 1/4" x 21.5"	2
5.3	LANCKH06	Hyd Hose, 1/4" x 50"	1
5.4	LANCKH07	Hyd Hose, 1/4" x 61"	1
5.5	6400-06-10	#6 Male JIC x #10 Male ORB - Straight	4
5.6	6400-06-08	#6 Male JIC x #8 Male ORB - Straight	4
5.7	6400L-06-08	#6 Male JIC x #8 Male ORB Long- Straight	2
5.8	2501-06-06	#6 Male JIC x #6 Male NPT - 90	2
5.9	Pioneer 8010-15P	Male Quick Coupler - #8 Female ORB	2
5.10	2406-06-06 R.031	#6 JIC Male x Female - 1/32" Orifice	1
6	LANFB104	HHCS - .25-20 X 1, GR. 5	4
7	LANFRV5T	HHCS - .25-20 X 2.25, GR. 5	2
8	REDWU51	FLAT WASHER - .25	6
9	REDWL51	LOCK WASHER - .25	4
10	LANEJRN	FLG NYL NUT - .25-20, GR. 5	2
11	LANF0DNT	NYLOC NUT - #8-32	4

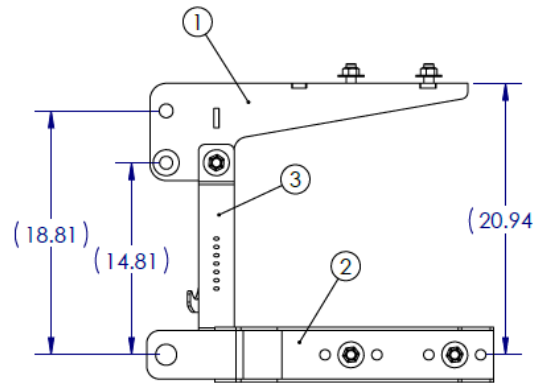
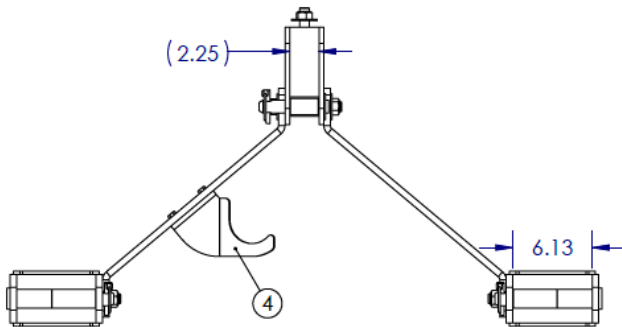
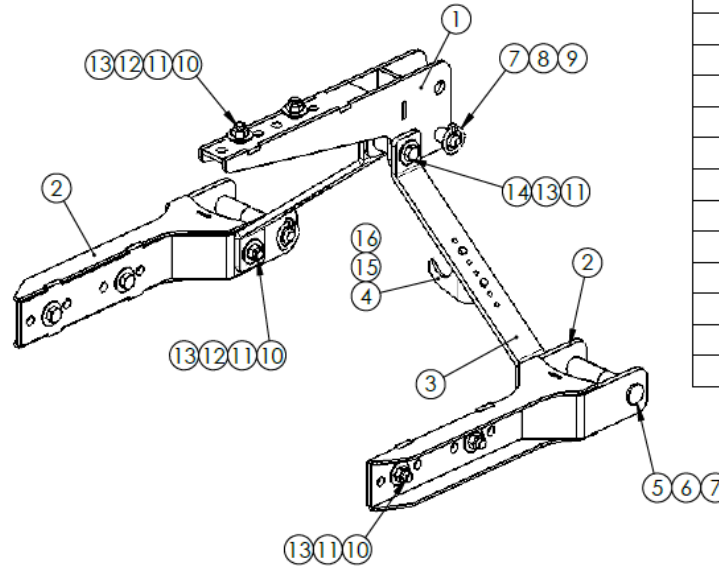
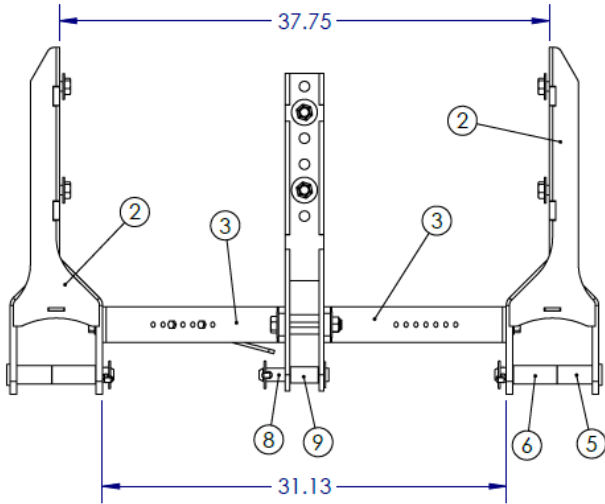


Wireless Remote for Chute Hydraulics—Continued

Hose, Fittings & Wiring Connections



3-Point Assembly



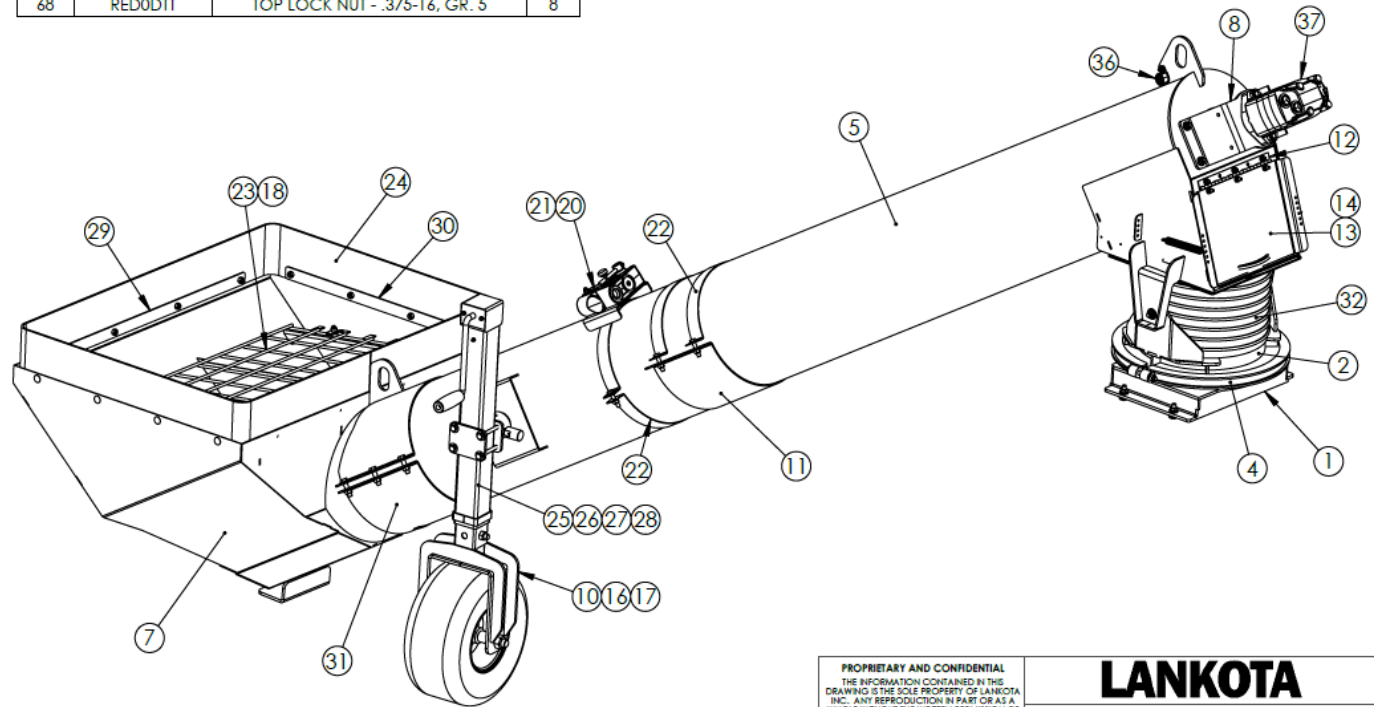
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK13P1	Hammer Mill 3-Point Upper Arm	1
2	LANCK13P2	Hammer Mill 3-Point Lower Arm	2
3	LANCK13P3	Hammer Mill 3-Point Link	2
4	LANCK13P4	PTO Rest	1
5	LAN21293	Cat 2 & 3 Stepped Lower 3-Pt Pin	2
6	RED21198	LIFT ARM BUSHING - CAT. 2 TO 3	2
7	RED21940	7/16 x 2" LYNCH PIN	3
8	RED21261	TOP LINK PIN - CAT. 2	1
9	RED21192	TOP LINK BUSHING - CAT. 2 TO 3	1
10	LANFB808	HHCS - .75-10 X 2, GR. 5	8
11	REDWU58	FLAT WASHER - .75	14
12	LANFWS58	SAE FLAT WASHER - .75	4
13	REDKRJG	TOP LOCK NUT - .75-10, GR. 5	9
14	REDB820	HHCS - .75-10 X 5, GR. 5	1
15	LANFB305	HHCS - .375-16 X 1.25, GR. 5	2
16	REDODTT	TOP LOCK NUT - .375-16, GR. 5	2

<small>UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE ± 0.04 BEND TOLERANCE ± 0.04 MACHINING TOLERANCE ± 0.005</small>		<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LANKOTA INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LANKOTA INC. IS PROHIBITED.</small>		<h2 style="text-align: center;">LANKOTA</h2>	
<small>COMMENTS</small>		<small>DRAWN BY</small> CHRIS O.		<small>TITLE:</small> Hammer Mill 3-Point Assembly	
<small>DO NOT SCALE DRAWING</small>		<small>CREATED</small> 01/01/2015		<small>PROJECT</small>	
<small>FINISH</small>		<small>MATERIAL</small>		<small>SIZE</small> DWG. NO. B LANCK171573P	
		<small>SCALE:</small> 1:10		<small>WEIGHT:</small> 112.95	
		<small>SHEET</small> 1 OF 1		<small>REV</small>	

Jump Auger

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK1100M	Base & Swivel Weldment	1
2	LANCK1100N	Upper Swivel Weldment	1
3	LANCK1100Q	Plastic Wear Pad	3
4	LANCK1100R	Swivel Clamp	2
5	LANCK1100U	Jump Auger 12", Main Weldment	1
6	LANCK1100V	Auger, 12" x 10ft	1
7	LANCK1100Z	Hopper, CK Auger	1
8	LANCK123	Auger Hyd Motor Mount	1
9	LANCK124	Pivot Bushing	2
10	LANCK132	Wheel/Jack Mount	1
11	LANCK133	Saddle, Tube Rest	1
12	LANCK136	Piano Hinge (SS)	1
13	LANCK137	Relief Door	1
14	LANH217334	COIL SPRING	2
15	LANCK140	Washer, 1.25"	1
16	LANCK141	Wheel Spacer	2
17	LANW30256	Flat-Free Wheel, 13.5in Dia	1
18	LANCK143	Grate Clamp	4
19	LANCK147	Cover, Hopper Cleanout	1
20	LANCKFC51	Flow Control Valve	1
21	LANCK151	Flow Valve Mount	1
22	LANCK152	Mounting Band	3
23	LANCK153	Grate, Jump Auger	1
24	LANCK154	Rubber Border, Hopper	1
25	LANCKJACK	Square Jack, HD	1
26	LANCK159	Jack Clamp Plate	1
27	LANCK160	Jack Swivel Mount	1
28	LANS5704	Stalk Stomper Pin Assembly - Bent	1
29	LANCK163	Trim, Hopper Border	2
30	LANCK164	Trim, Hopper Border	2
31	LANCK166	Hopper Tube Clamp	1
32	LANCK156	Flex Duct Transition	1
33	LANHK4X7	1/2" Wide Spout Clamp	2
34	LAN207205SA	Rnd Bearing, 1.25" w/ Eccentric Collar	2
35	LAN105	BEARING FLANGE	4
36	LANFTFK5	Cushion Loop Clamp - 7/8"	2
37	LANCK1671	Hyd Motor, 104-1671-006	1
38	RED56SS-C1	SPROCKET COUPLER 1.0" BORE 16T 50#	1
39	RED56SS-C2	SPROCKET COUPLER 1.25" BORE 16T 50#	1
40	RED56SS-C3	Sprocket Coupler - Chain, 16 Link, #50	1
41	LANFHMJ0N	Machine Key, 1/4" X 1.00"	1
42	LANCKHYD2	Jump Auger Hyd Kit	1
43	LANFB103	HHCS - .25-20 X 0.75, GR. 5	6
44	LANFB104	HHCS - .25-20 X 1, GR. 5	1
45	LANFB110	HHCS - .25-20 X 2.5, GR. 5	2
46	REDWU51	FLAT WASHER - .25	3
47	LANEJRN	FLG NYL NUT - .25-20, GR. 5	9
48	LAN22A32	HHCS - .5-13 X 1.5, GR. 5	2
49	REDB512	HHCS - .5-13 X 3, GR. 5	1
50	RED1F30	TOP LOCK NUT - .5-13, GR. 5	3

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
51	LANFB832	HHCS - .75-10 X 8, GR. 5	1
52	REDKRJG	TOP LOCK NUT - .75-10, GR. 5	1
53	LANFXG26	CARRBLT - .312-18 X .75	16
54	LAN204K	CARRBLT - .312-18 X 1	4
55	REDB206	HHCS - .312-18 X 1.5, GR. 5	6
56	LANFB214	HHCS - .312-18 X 3.5, GR. 5	4
57	LAN1133	FLAT WASHER - .312	20
58	LAN1616	NYLOC NUT - .312-18, GR. 5	30
59	LAN18A	CARRBLT - .375-16 X 1	10
60	RED305K	CARRBLT - .375-16 X 1.25	4
61	LANFB305	HHCS - 3/8 x 1.25, GR. 5	2
62	REDB306	HHCS - 3/8 x 1.5, GR. 5	6
63	LANFB312	HHCS - 3/8 x 3, GR. 5	2
64	LAN18000	FLAT WASHER - 3/8	18
65	REDWL53	LOCK WASHER - .375	6
66	REDNAF3	HEX NUT - .375-16, GR. 5	6
67	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	12
68	REDODT	TOP LOCK NUT - .375-16, GR. 5	8



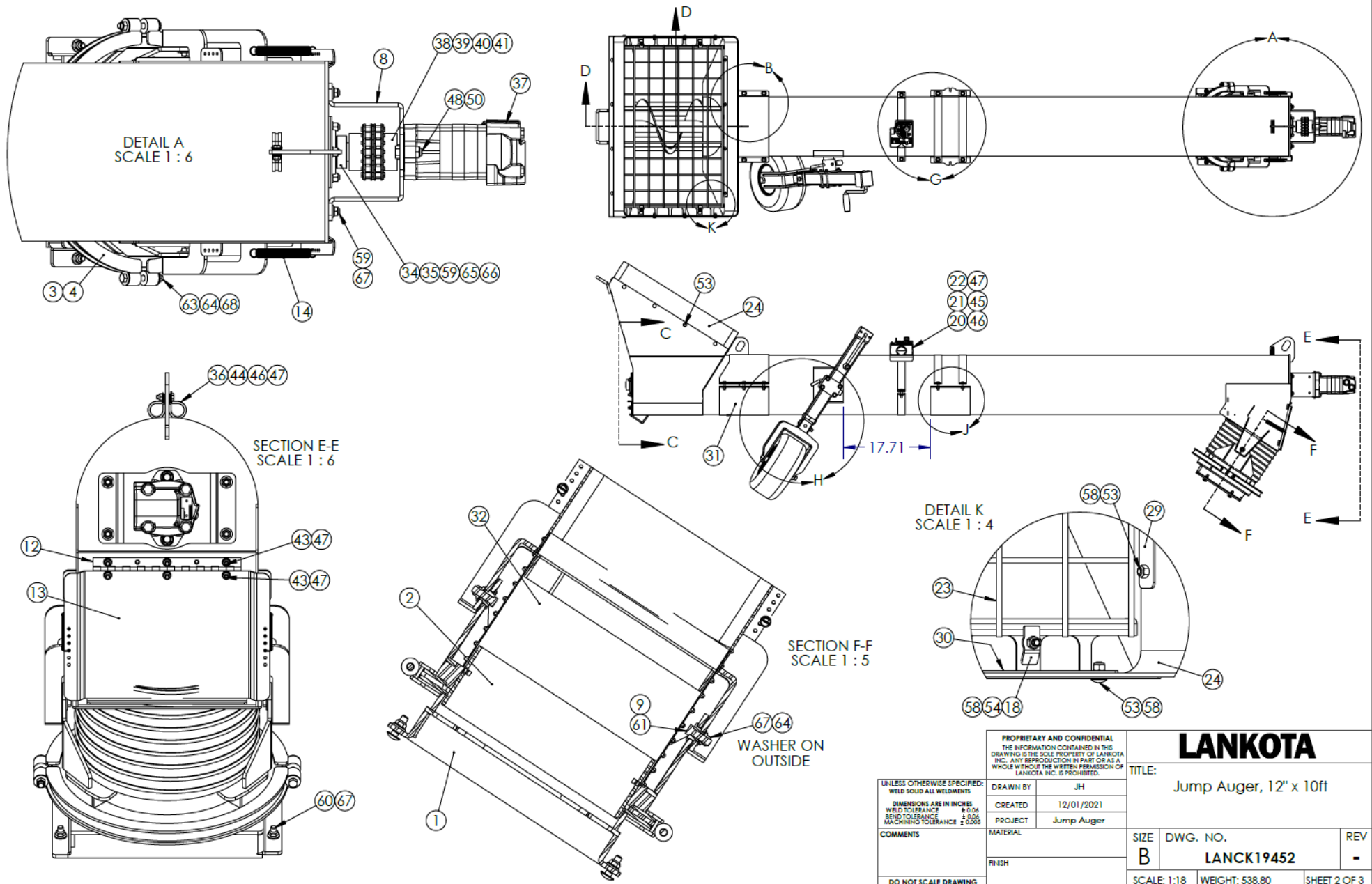
UNLESS OTHERWISE SPECIFIED:
WELD SOUD ALL WELDMENTS
DIMENSIONS ARE IN INCHES
WELD TOLERANCE ± 0.06
BEND TOLERANCE ± 0.06
MACHINING TOLERANCE ± 0.005

COMMENTS
DO NOT SCALE DRAWING

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<small>DRAWN BY</small> JH <small>CREATED</small> 12/01/2021 <small>PROJECT</small> Jump Auger		<small>TITLE:</small> Jump Auger, 12" x 10ft	
<small>MATERIAL</small> FINISH		<small>SIZE</small> B	<small>DWG. NO.</small> LANCK19452
		<small>SCALE:</small> 1:12	<small>WEIGHT:</small> 538.80 <small>SHEET</small> 1 OF 3

REVISIONS			
REV.	ECH	DATE	CHG BY

Jump Auger—Continued



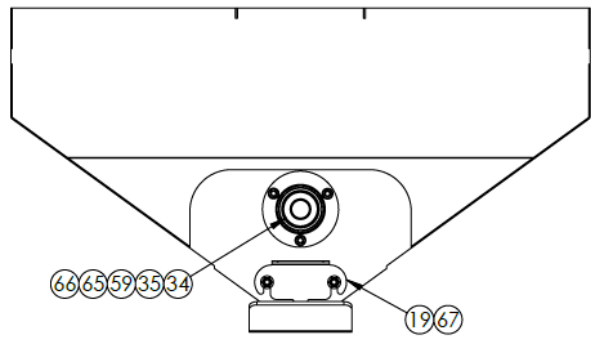
UNLESS OTHERWISE SPECIFIED:
WELD SOLD ALL WELDMENTS
DIMENSIONS ARE IN INCHES
WELD TOLERANCE ± 0.04
BEND TOLERANCE ± 0.04
MACHINING TOLERANCE ± 0.005

COMMENTS

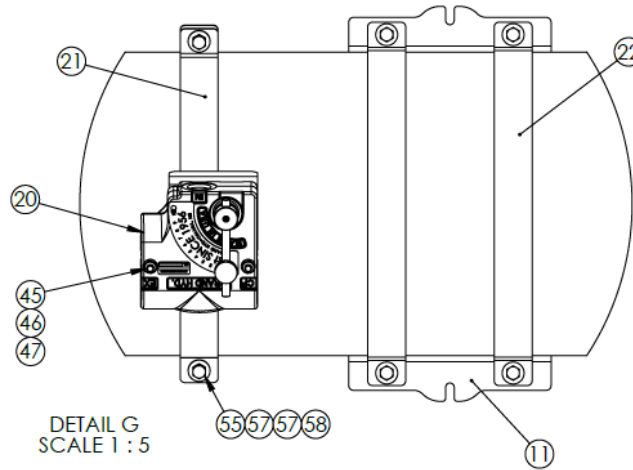
DO NOT SCALE DRAWING

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DRAWN BY: JH CREATED: 12/01/2021 PROJECT: Jump Auger		TITLE: Jump Auger, 12" x 10ft	
MATERIAL: FINISH:		SIZE B	DWG. NO. LANCK19452
		SCALE: 1:18	WEIGHT: 538.80
		SHEET 2 OF 3	

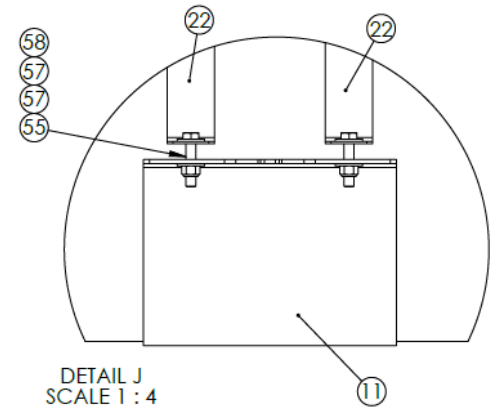
Jump Auger—Continued



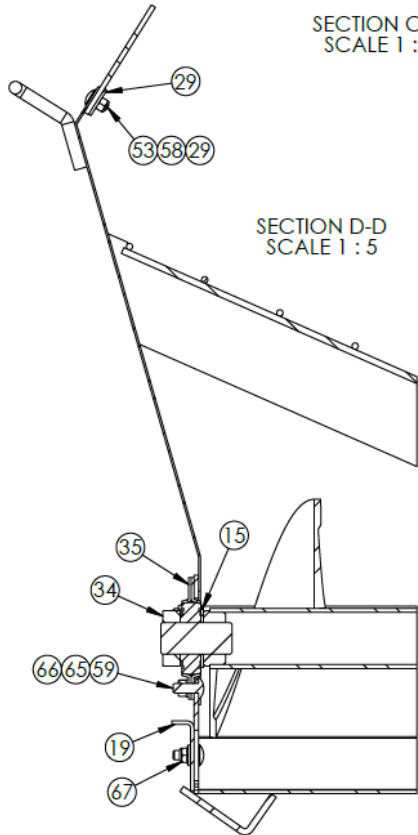
SECTION C-C
SCALE 1 : 8



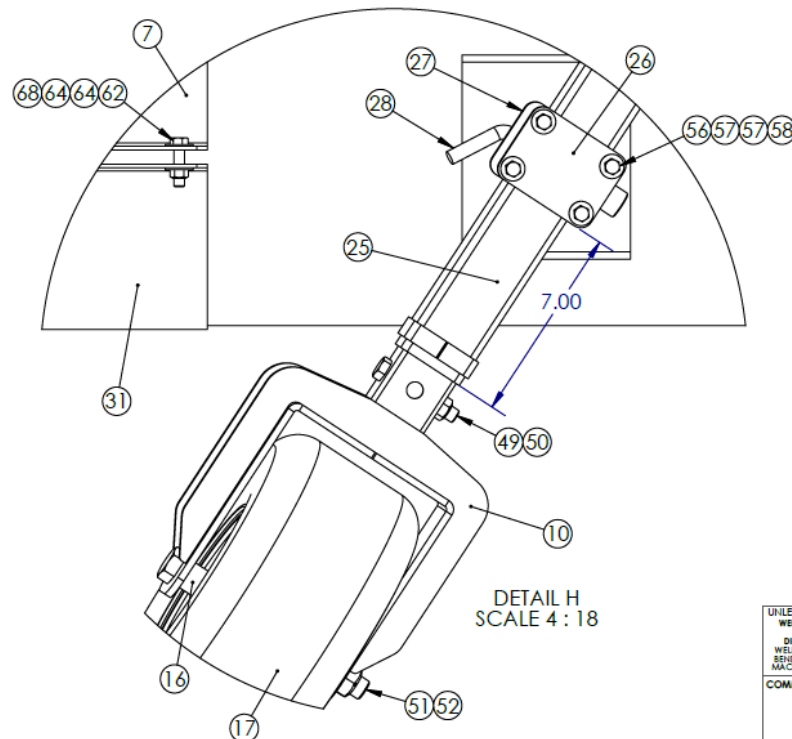
DETAIL G
SCALE 1 : 5



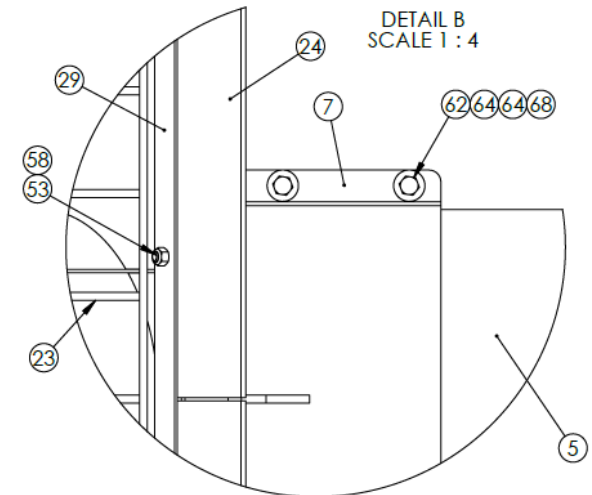
DETAIL J
SCALE 1 : 4



SECTION D-D
SCALE 1 : 5



DETAIL H
SCALE 4 : 18

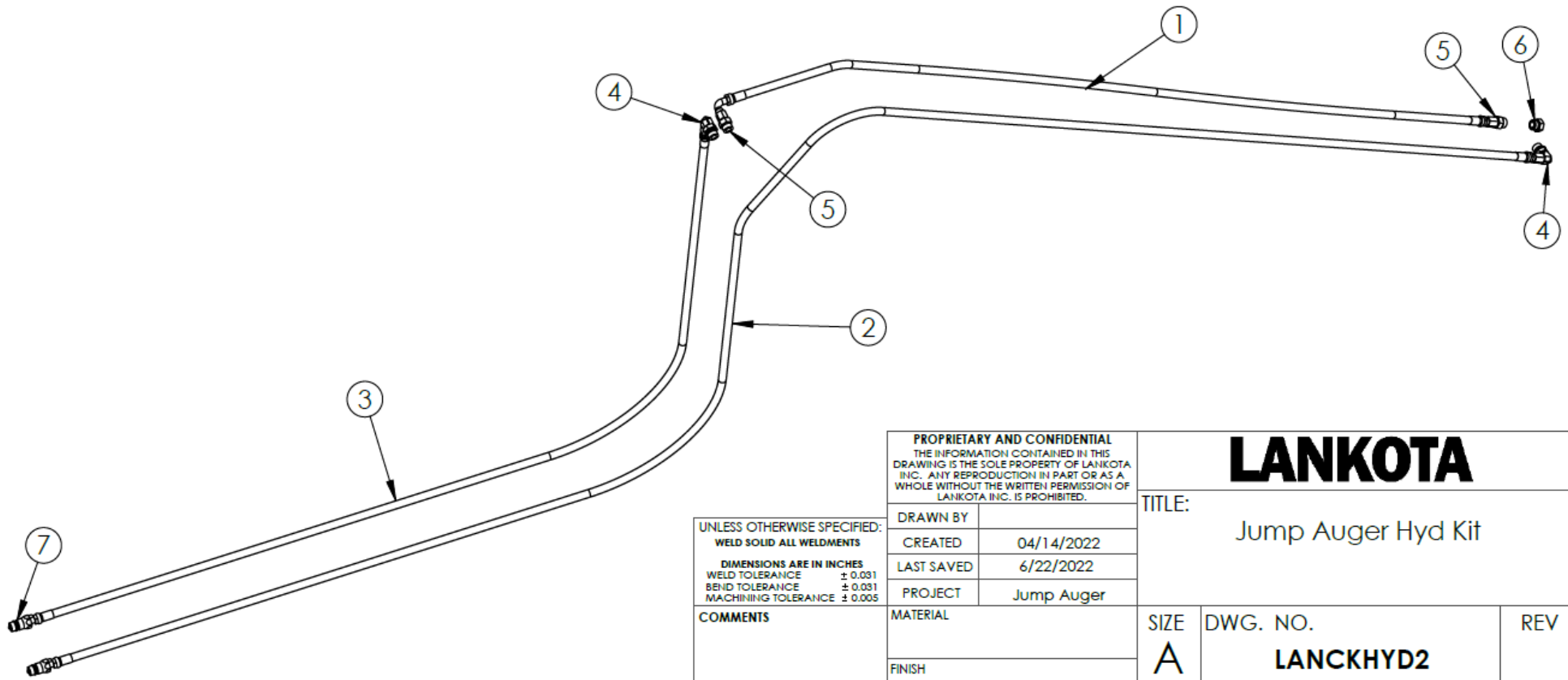


DETAIL B
SCALE 1 : 4

<small>UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE ± 0.06 BEND TOLERANCE ± 0.06 MACHINING TOLERANCE ± 0.005</small>		<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LANKOTA INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LANKOTA INC. IS PROHIBITED.</small>		<h2>LANKOTA</h2>	
<small>COMMENTS</small>		<small>DRAWN BY</small> JH <small>CREATED</small> 12/01/2021 <small>PROJECT</small> Jump Auger		<small>TITLE:</small> Jump Auger, 12" x 10ft	
<small>DO NOT SCALE DRAWING</small>		<small>MATERIAL</small> <small>FINISH</small>		<small>SIZE</small> B	<small>DWG. NO.</small> LANCK19452
				<small>SCALE:</small> 1:18	<small>WEIGHT:</small> 538.80
				<small>SHEET</small> 3 OF 3	<small>REV</small> -

Auger Hydraulics Kit

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCKH08	Hyd Hose, 1/2" x 89", #8 JIC-M 90 x #8 JIC-M	1
2	LANCKH09	Hyd Hose, 1/2" x 195", #8 JIC-M x #8 ORB-M	1
3	LANCKH10	Hyd Hose, 1/2" x 105", #8 JIC-M x #8 ORB-M	1
4	6801-08-10	#8 MALE JIC TO #10 MALE ORB - 90	2
5	6400-08-10	#8 MALE JIC TO #10 MALE ORB - STRAIGHT	2
6	6408-10	#10 Male ORB Plug	1
7	Pioneer 8010-15P	Male Quick Coupler - #8 Female ORB	2

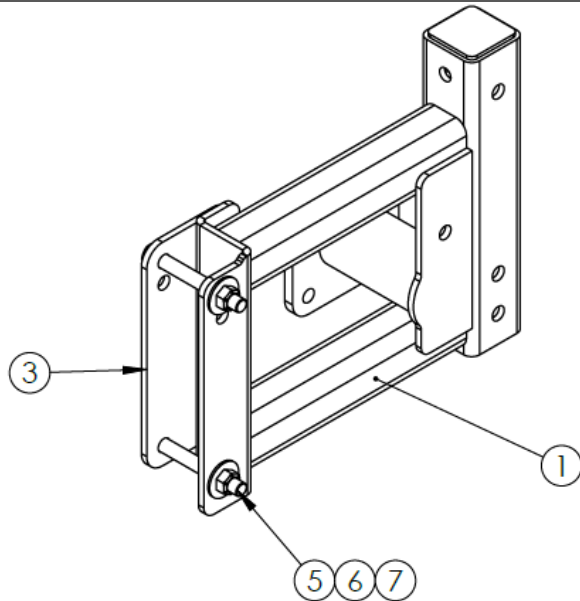


UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDMENTS	
DIMENSIONS ARE IN INCHES	
WELD TOLERANCE	± 0.031
BEND TOLERANCE	± 0.031
MACHINING TOLERANCE	± 0.005
COMMENTS	
DO NOT SCALE DRAWING	

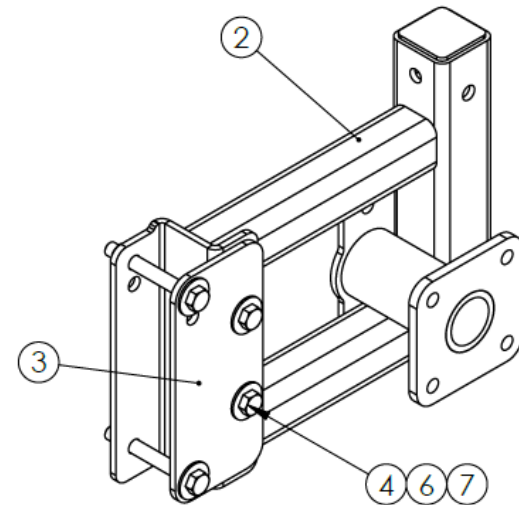
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LANKOTA INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LANKOTA INC. IS PROHIBITED.</small>	
DRAWN BY	
CREATED	04/14/2022
LAST SAVED	6/22/2022
PROJECT	Jump Auger
MATERIAL	
FINISH	

LANKOTA		
TITLE: Jump Auger Hyd Kit		
SIZE A	DWG. NO. LANCKHYD2	REV
SCALE: 1:14	WEIGHT: 6.95	SHEET 1 OF 1

Base Extension



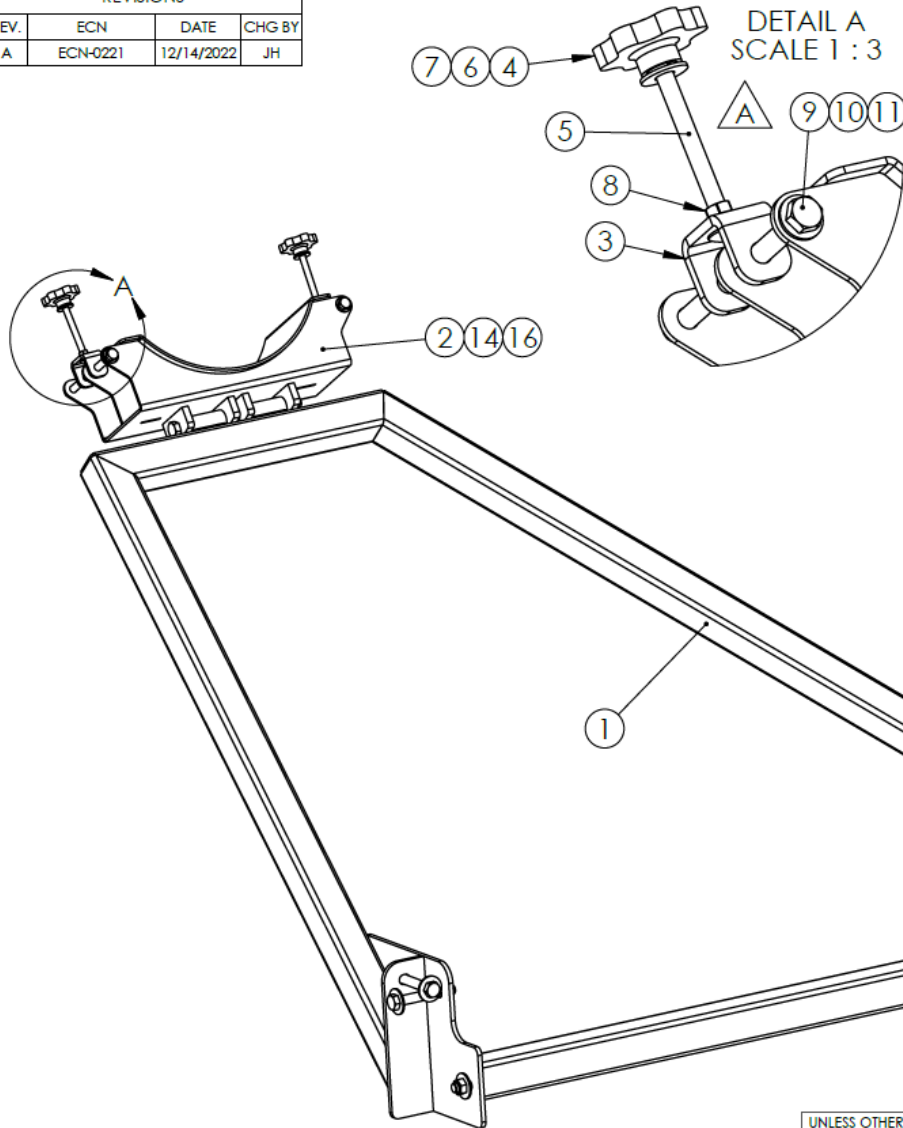
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK125	Stow Support & Axle Mount, Right	1
2	LANCK126	Stow Support & Axle Mount, Left	1
3	LANCK127	Support Clamp Plate	2
4	REDB505	HHCS - .5-13 X 1.25, GR. 5	4
5	LANFB516	HHCS - .5-13 X 4, GR. 5	4
6	LAN22000	FLAT WASHER - .5	16
7	RED1F30	TOP LOCK NUT - .5-13, GR. 5	8



UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE ± 0.031 BEND TOLERANCE ± 0.031 MACHINING TOLERANCE ± 0.005		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LANKOTA INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LANKOTA INC. IS PROHIBITED.		<h1>LANKOTA</h1>	
COMMENTS		DRAWN BY JH CREATED 07/29/2022 LAST SAVED 8/2/2022 PROJECT Hammer Mill	TITLE: CK Base Legs for Add-ons		
DO NOT SCALE DRAWING		MATERIAL FINISH	SIZE A	DWG. NO. LANCK18500	REV -
		SCALE: 1:6	WEIGHT: 61.91	SHEET 1 OF 1	

Auger Support

REVISIONS			
REV.	ECN	DATE	CHG BY
A	ECN-0221	12/14/2022	JH



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK128	Jump Auger Stow Support	1
2	LANCK139	Jump Auger Storage Rest	1
3	LANCK165	Step Stow Bracket	2
4	LANCK167	Turn Knob, 5/16", Hex-Lobed	2
5	LANF216K	CARRBLT - 5/16 x 4, Full Thread	2
6	LAN1133	FLAT WASHER - .312	2
7	REDWL52	LOCK WASHER - .312	2
8	LANNAS2	SER FLNG LN - .313-18, GR. 5	2
9	LANFB322	HHCS - 3/8 x 5.5, GR. 5	2
10	LANFWS53	SAE FLAT WASHER - .375	2
11	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	2
12	REDB505	HHCS - .5-13 X 1.25, GR. 5	2
13	LANB514	HHCS - .5-13 X 3.5, GR. 5	4
14	LANFB530	HHCS - .5-13 X 7.5, GR. 5	1
15	LAN22000	FLAT WASHER - .5	12
16	RED1F30	TOP LOCK NUT - .5-13, GR. 5	7

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DRAWN BY	JH
CREATED	07/29/2022
LAST SAVED	1/13/2023
PROJECT	Jump Auger

UNLESS OTHERWISE SPECIFIED:
 WELD SOLID ALL WELDMENTS
 DIMENSIONS ARE IN INCHES
 WELD TOLERANCE ± 0.031
 BEND TOLERANCE ± 0.031
 MACHINING TOLERANCE ± 0.005

COMMENTS

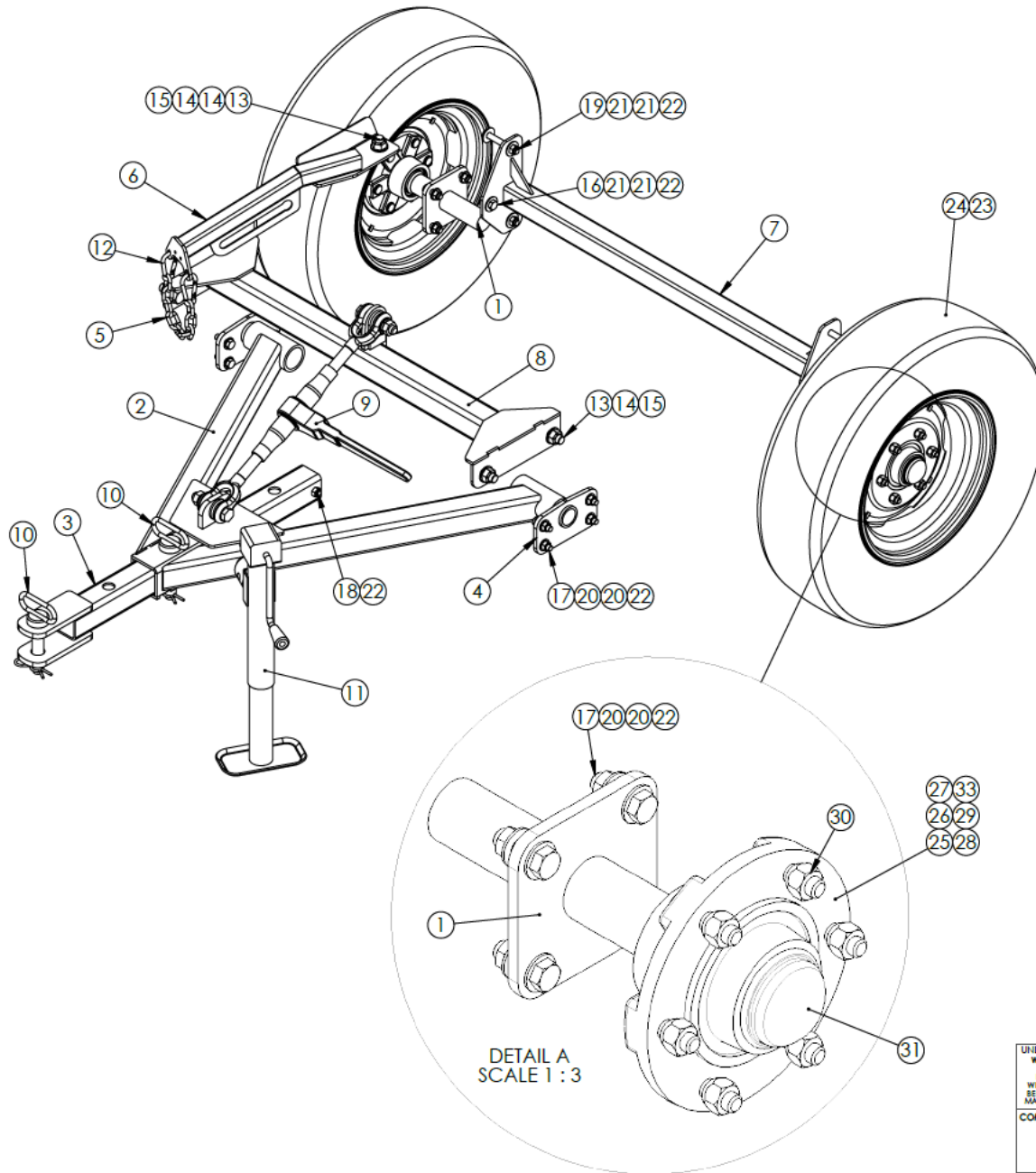
DO NOT SCALE DRAWING

LANKOTA

TITLE:
 Auger Stow Support Kit, Gen 1

SIZE	DWG. NO.	REV
A	LANCK19616	A
SCALE: 1:9	WEIGHT: 55.56	SHEET 1 OF 1

Trailer



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK2044	Spindle, Bolt-On	2
2	LANCK2045	Hitch Weldment	1
3	LANCK2046	Hitch Extension Tube Weldment	1
4	LANCK2047	Hitch Pivot/Mount	2
5	LANCK2049	Chain, PTO Hanger	1
6	LANCK2050	Driveshaft Hanger (from Top 3 Pt)	1
7	LANCK161	Axle Brace Bar	1
8	LANCK162	Hitch Turnbuckle Brace Bar	1
9	LANCBRJJ10	Ratchet Binder, 10", Jaw-Jaw	1
10	LANHH20253	Hitch Pin, 1.00" x 4.50"	2
11	LANBBJACK	JACK - REESE WELD ON, 2000# CAP.	1
12	LANFHG3	5/16" Carabiner, Zinc	2
13	REDB807	HHCS - .75-10 X 1.75, GR. 5	5
14	LANFWS58	SAE FLAT WASHER - .75	10
15	REDKRJG	TOP LOCK NUT - .75-10, GR. 5	5
16	REDB505	HHCS - .5-13 X 1.25, GR. 5	2
17	LAN22A32	HHCS - .5-13 X 1.5, GR. 5	16
18	REDB512	HHCS - .5-13 X 3, GR. 5	1
19	LANB514	HHCS - .5-13 X 3.5, GR. 5	4
20	LANFWS55	SAE FLAT WASHER - .5	32
21	LAN22000	FLAT WASHER - .5	12
22	RED1F30	TOP LOCK NUT - .5-13, GR. 5	23
23	LAN4901556	Rim, 15x6, 6 on 6"	2
24	LAN225-75R15	Tire, 275/75R15	2
25	LAN281021	Hub, Trailer	2
26	LANLM48548	Bearing, Inner, 281021 Hub	2
27	LANLM67048	Bearing, Outer, 281021 Hub	2
28	LANFOIFO	COTTER PIN - .1875 X 2	2
29	LAN906295	Seal, Spindle/Hub 281020	2
30	LANFNTM0	1/2"-20, 60 Deg. Gr 2 Lug Nut	12
31	LANP502026	Dust Cover, Hub L256313	2
32	LANF912953	Slotted Nut, 3/4"-16	2
33	REDWU58	FLAT WASHER - 3/4	2

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LANKOTA

TITLE:
 Trailer Kit, Gen 1 CK

UNLESS OTHERWISE SPECIFIED:
 WELD SOLID ALL WELDMENTS
 DIMENSIONS ARE IN INCHES
 WELD TOLERANCE ± 0.06
 BEND TOLERANCE ± 0.06
 MACHINING TOLERANCE ± 0.005

DRAWN BY: JH
 CREATED: 08/31/2022
 PROJECT: Hammer Mill

COMMENTS
 DO NOT SCALE DRAWING

MATERIAL
 FINISH

SIZE B	DWG. NO. LANCK17383	REV -
SCALE: 1:10	WEIGHT: 305.53	SHEET 1 OF 1