



Corn Cracker

Dual-Stage Hammer Mill

Model: CK2100

Owner's Manual

LANCK22485

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	CK2100

****The Serial Number is located on the front of the machine, to the right of the PTO****



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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
LANCK2001	Housing/Frame Weldment	1
LANCK2002	Drum Spindle & Mount	1
LANCK2003	Drum Disc	1
LANCK2004	Door Weldment	1
LANCK2005	Hinge Base	1
LANCK2006	Hinge Base Spacer	1
LANCK2007	Hinge Pin	2
LANCK2010	Screen & Ring Mount	4
LANCK2011	Screen Spacer Plate	4
LANCK2012	Screen Retainer Plate	4
LANCK2013	Ring Plate (Small)	4
LANCK2014	Ring Plate (Large)	4
LANCK2015	Hammer Mount Weldment	6
LANCK2016	Hammer, Gen 2	42
LANCK2017	Hammer Spacer, 0.45"	18
LANCK109	Hammer Access Door	1
LANCK2019	Hammer Pin, Gen 2	6
LANCK2020	Blower Paddle, Standard	2
LANCK102	Air Intake Gate	1
LANCK111	Clean Out Door	1
LANCK2024	Liner, Gen 2	1
LANCK2025	Chute Base, Gen 2	1
LANCK2029	Bearing Shield	1
LANCK2032	Bearing Spacer, 1/4"	1
LANUCPX12-39	Bearing, 2.44" w/ Set Screw	1
LANHCP212-36	Bearing, 2.25" w/ Eccentric Collar	1
LANCK117	Hopper Window	1
LANFOI7W	1/4" x 1.5" Roll Pin	12
LANDSC235U	Hold-Down Clamp, Destaco 235-U	2

Numerical Parts List—Main Components & Chute

Part Numbers	Description	Qty
LAN92-28453	55E Series joint & Half Shaft, Mill Half	1
RED10BX	3/8" x 2" Square Key	1
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
LANCK117	Hopper Window	1
LANF017W	1/4" x 1.5" Roll Pin	12
LANDSC235U	Hold-Down Clamp, Destaco 235-U	2
RED10110	Chute Rotation Motor	1
LANCK118	Chute Rotation Sprocket	1
LANCK2035	Chute Rotation Stop Clamp	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	Chute Gear Clamp	1
RED89SH1011	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—Hardware

Part Numbers	Description	Qty
LANFLY41	3/4" x 1.5" Gr 8 Hex Bolt	4
LANFB810	3/4" x 2.5" Gr 8 Hex Bolt	4
LANFWS58	3/4" SAE Flat Washer	8
REDWL58	3/4" Lock Washer	4
REDKRJG	3/4" Top Lock Nut	4
LANF25Y6	5/8" x 1.5" Gr 8 Hex Bolt	20
REDB712	5/8" x 3" Gr 5 Hex Bolt	7
LANFR160	5/8" x 4" Gr 8 Hex Bolt	6
REDWL57	5/8" Lock Washer	20
REDKRJF	5/8" Top Lock Nut	9
LAN506K	1/2" x 1.5" Carriage Bolt	12
LANFECER	1/2" x 1.5" Flat Head Bolt	14
LANF011B	1/2" x 2" Hex Bolt, Full Thread	10
LAN22000	1/2" Flat Washer	6
REDWL55	1/2" Lock Washer	6
LANF-HN-0.500C	1/2" Hex Nut	16
LANFNXC1	1/2" Flange Nyloc Nut	20
LANFM7KV	3/8" x 1" Serrate Flange Bolt	2
LAN18A	3/8" x 1" Carriage Bolt	4
LAN18A00	3/8" x 1" Hex Bolt	13
REDB306	3/8" x 1.5" Hex Bolt	2
LAN18000	3/8" Flat Washer	8
RED0DTT	3/8" Top Lock Nut	8
LANFNW7G	3/8" Flange Nyloc Nut	10
LANFNAW3	3/8" Wing Nut	6
LANF103K	1/4" x 3/4" Carriage Bolt	6
LANEJRN	1/4" Flange Nyloc Nut	6
LANFXG26	5/16" x 3/4" Carriage Bolt	3
LAN1616	5/16" Nyloc Nut	3
REDB204	5/16" x 1" Hex Bolt	8
REDWL52	5/16" Lock Washer	8
LANF03SY	5/16" x 1.25" Flat Head Bolt	16
LANNAS2	5/16" Serrated Flange Nut	16

Numerical Parts List—Driveshafts, Hydraulics & Silo Kit

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
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
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
LANF0B1Z	#10-24 x 3/4" Pan Head Machine Screw	2
LANF0DNU	#10-24 Nyloc Nut	2
LANCK22867	Silo Adapter Kit	1
LANCK2027	Silo Transition	1
LANCK2020	Blower Paddle, Standard	4
LANFLY41	3/4" x 1.5" Gr 8 Hex Bolt	8
REDWL58	3/4" Lock Washer	8
LANF25Y6	5/8" x 1.5" Gr 8 Hex Bolt	4
REDWL57	5/8" Lock Washer	4

Numerical Parts List—Hopper

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
LANCK17157HX	HOPPER EXTENSION	1
LANCK1100HF	Hopper Extension Side—Long	2
LANCK1100HG	Hopper Extension Side—Short	2

Numerical Parts List—3 Point & Hopper Extension

Part Numbers	Description	Qty
LANCK17157HX (CONT.)	HOPPER EXTENSION	1
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
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
LANCK13P5	3-Point Arm Stabilizer	1
LANCK115	Skid Pad	4
REDW742	1/2" x 3" Square Wirelock Pin	4
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
LANFWS53	3/8" SAE Washer	8
REDKRJG	3/4" Top Lock Nut	9
REDB820	3/4" x 5" Hex Bolt	1
LANFB305	3/8" x 1.25" Hex Bolt	2
REDODTT	3/8" Top Lock Nut	6
RED305K	3/8" x 1.25" Carriage Bolt	4

Numerical Parts List—Jump Auger

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
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

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

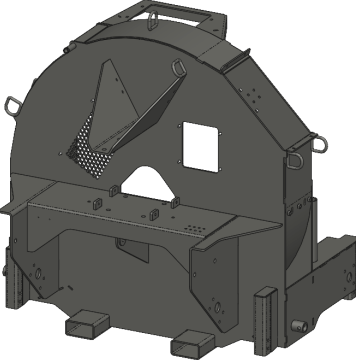
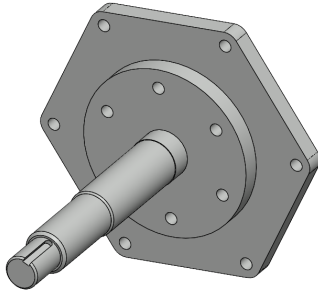
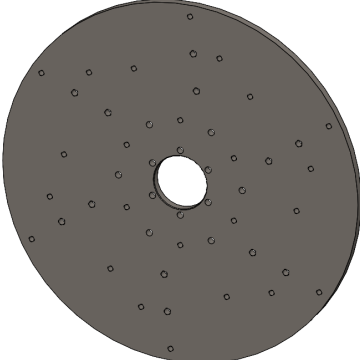
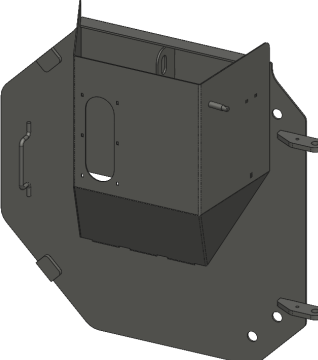
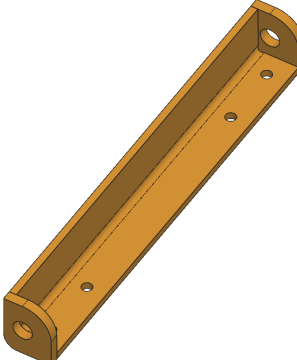
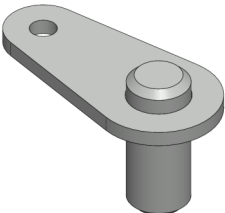
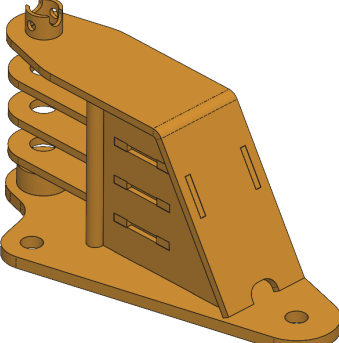
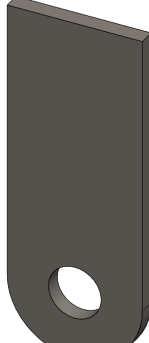
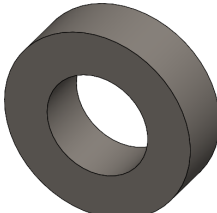
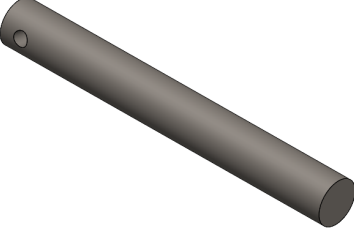
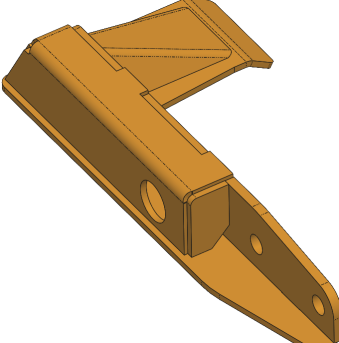
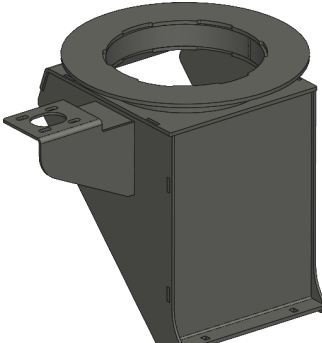
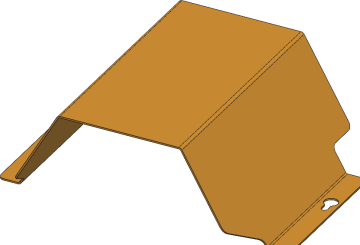
Numerical Parts List—Jump Auger

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
LAN70815T47	3/4" GHT X 3/4" MPT Swivel Adapter	1
LAN47865K24	Brass Ball Valve, 3/4" NPT	1
LANCK22131	AUGER STOW SUPPORT KIT, GEN 2	1
LANCK2028	Auger Stow Support, Gen 2	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
LAN506K	1/2" x 1.5" Carriage Bolt	4
LANFNXC1	1/2" Flange Nyloc Nut	4
LANFB530	1/2" x 7.5" Hex Bolt	1
RED1F30	1/2" Top Lock Nut	1

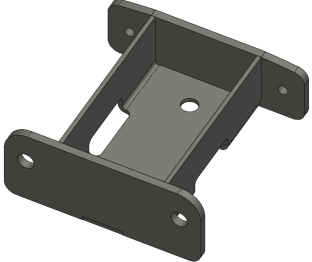
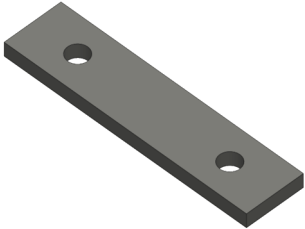
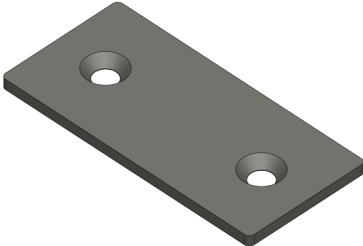
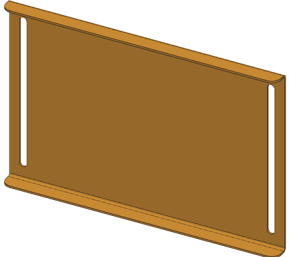
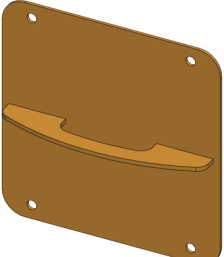
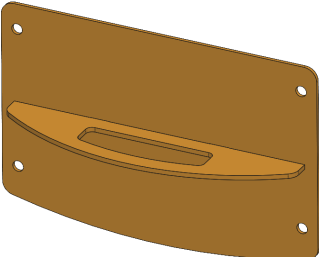
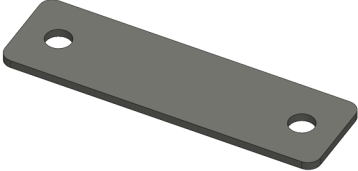
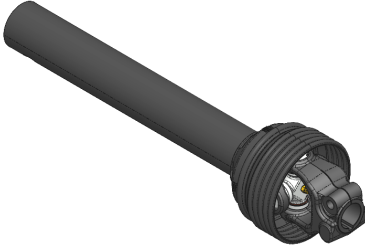
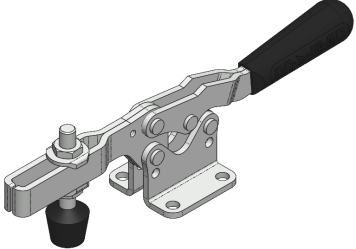
Numerical Parts List—Trailer

Part Numbers	Description	Qty
LANCK22711	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
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	1
LANFWS58	3/4" SAE Washer	2
REDKRJG	3/4" Top Lock Nut	1
LAN22A32	1/2" x 1.5" Hex Bolt	16
REDB512	1/2" x 3" Hex Bolt	1
LANFWS55	1/2" SAE Washer	32
RED1F30	1/2" Top Lock Nut	17
LAN4901556	Rim, 15x6, 6 on 6"	2
LANF225-75R15	Tire, 225/75R15	2
LAN281021	Hub, Trailer	2
LAN906295	Seal, Spindle/Hub	2
LANLM48548	Bearing, Inner	2
LANLM67048	Bearing, Outer	2
REDWU58	3/4" Flat Washer	2
LANF0IF0	Cotter Pin, 3/16" x 2"	2
LANF912953	Slotted Nut, 3/4"-16	2
LANP502026	Dust Cover	2
LANFNTM0	Lug Nut, 1/2"-20 Gr 2, 60 Deg	12

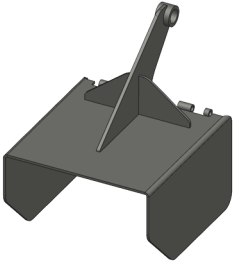
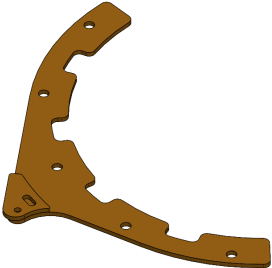
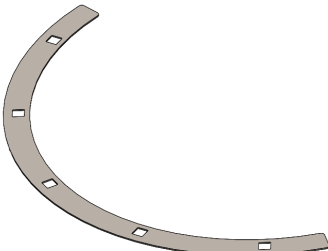
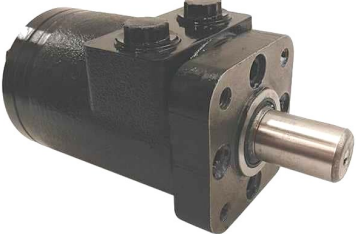
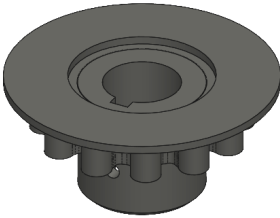
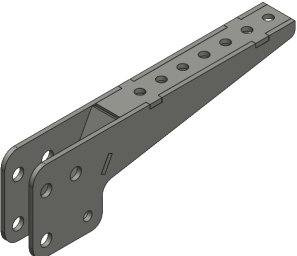
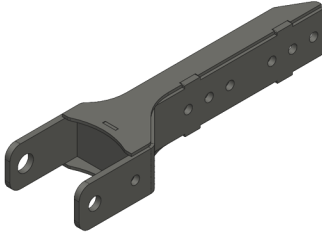
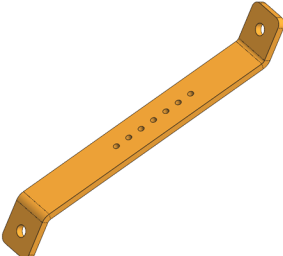
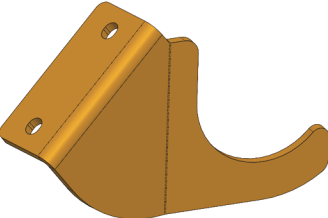
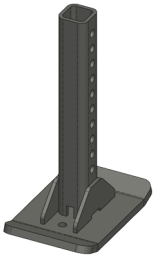
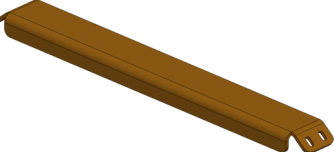
Pictorial Parts List

				
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LANCK2007 (2)	LANCK2015 (6)	LANCK2016 (42)	LANCK2017 (18)	LANCK2019 (6)
				
LANCK2020 (2)	LANCK2024 (1)	LANCK2025 (1)	LANCK2029 (1)	LANF017W (6)

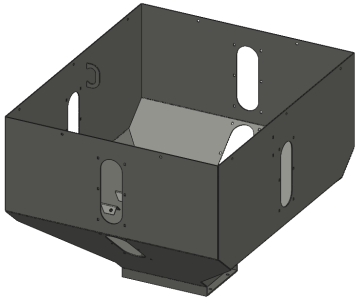
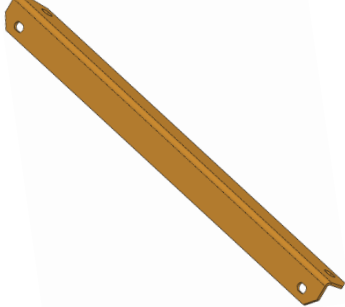
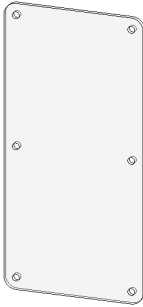
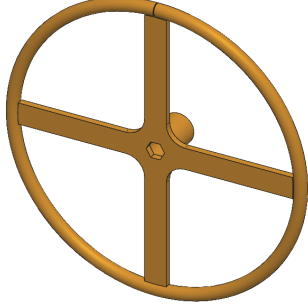
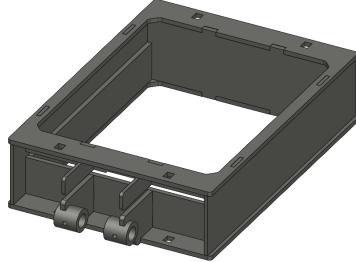
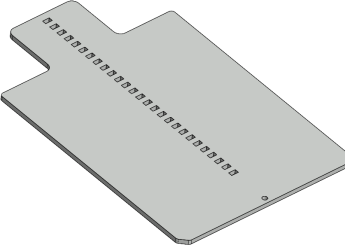
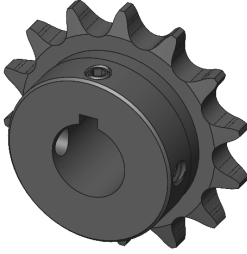
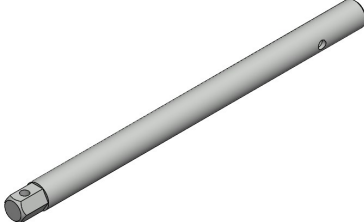
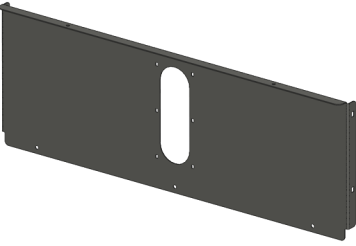
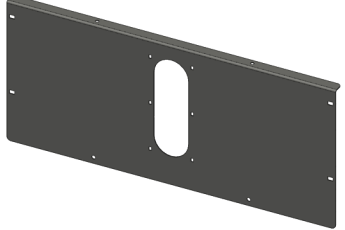
Pictorial Parts List

				
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LANCK102 (1)	LANCK109 (1)	LANCK111 (1)	LANCK2032 (1)	LANCK2006 (1)
				
RED01-315C (1)	RED10BX (1)	LAN92-28453 (1)	LANUCPX12-39 (1)	LANHCP213-36 (1)
				
LAN0401828 (1)	LAN70815T47 (1)	LAN47865K24 (1)	LAN4638K718 (1)	LANDSC235U (2)

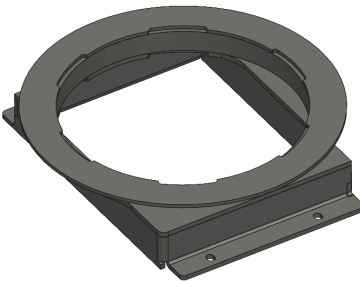
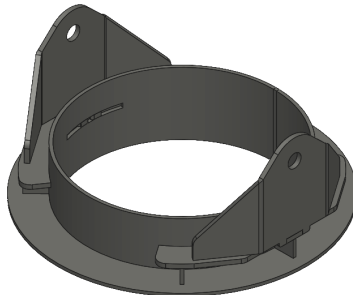
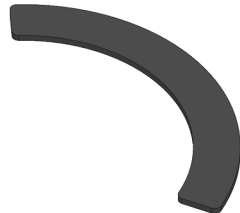
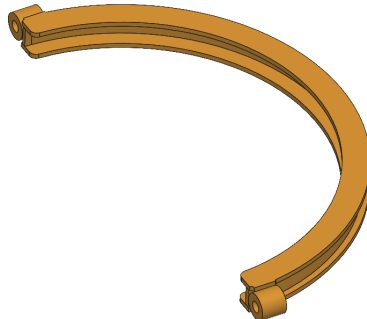
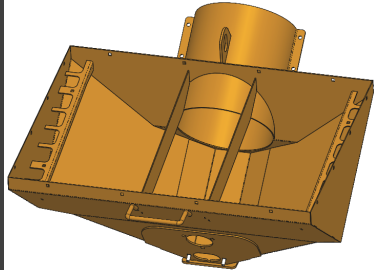
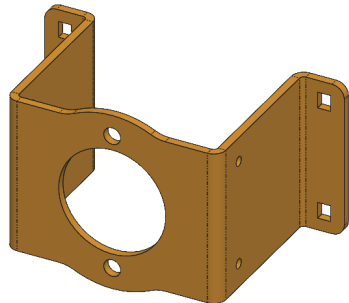
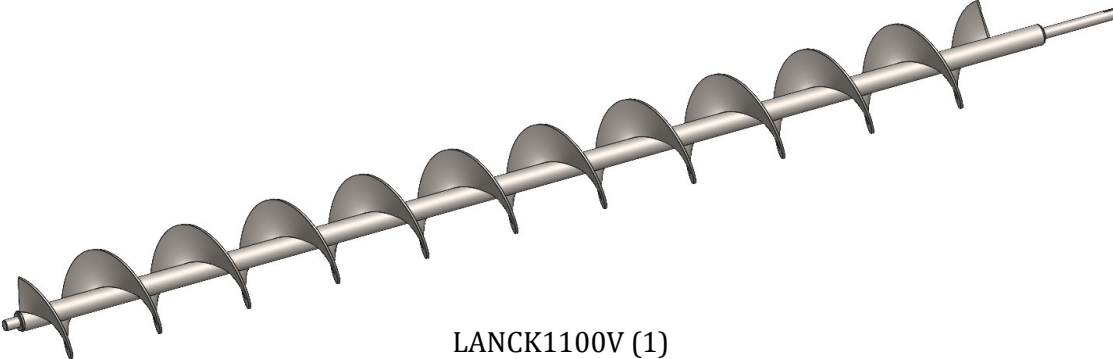
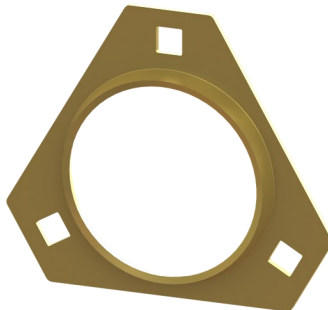
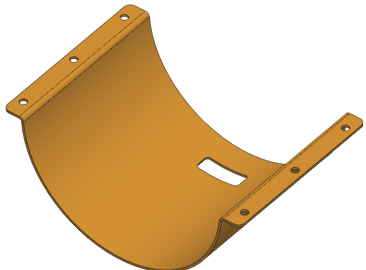
Pictorial Parts List—Chute & 3-Point

				
LANCK1100SA (1)	LANCK1100SB (1)	LANCK1100SC (2)	LANCK1100SE (2)	LANCK2035 (1)
				
RED89SH-0004 (2)	RED89SH1011 (2)	RED2010111 (1)	RED10110 (1)	LANCK118 (1)
				
LANCK13P1 (1)	LANCK13P2 (2)	LANCK13P3 (2)	LANCK13P4 (1)	LANCK115 (4)
				
LANCK13P5 (1)				

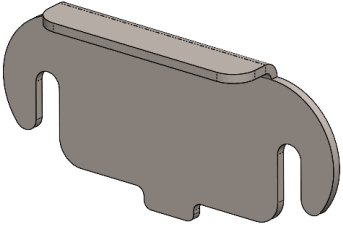
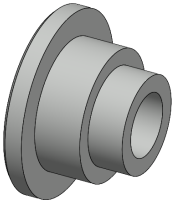
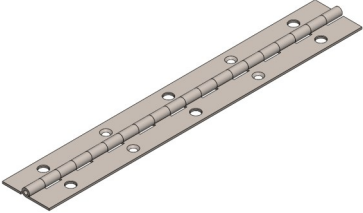
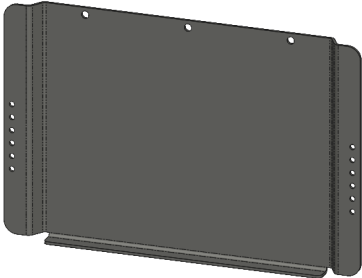
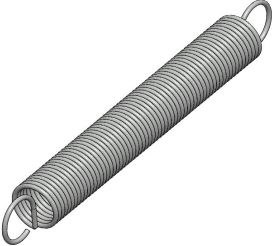
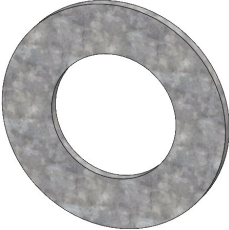
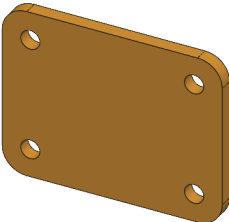
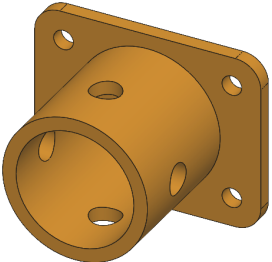
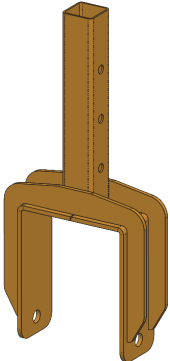
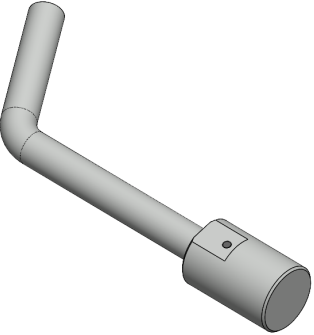
Pictorial Parts List—Hopper & Driveshafts

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

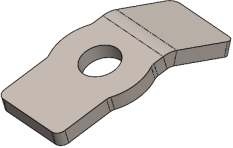
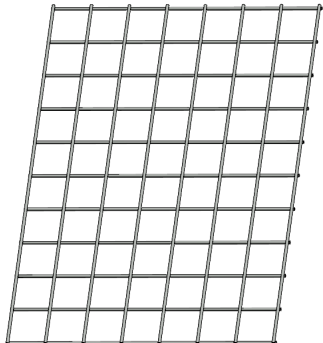
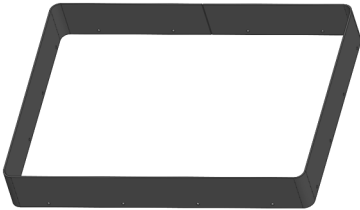
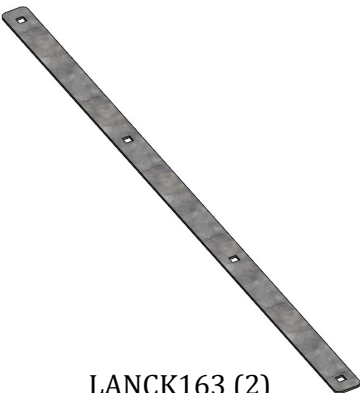
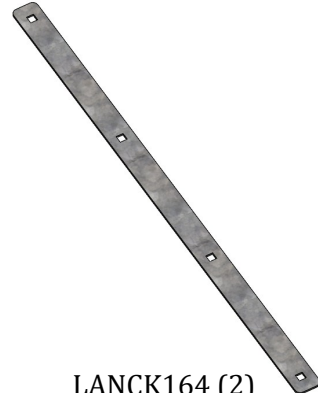
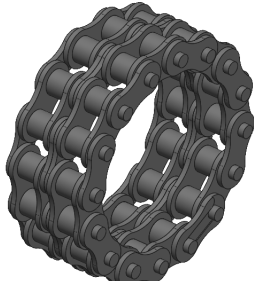
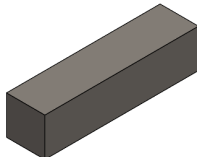
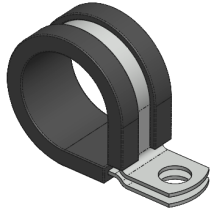
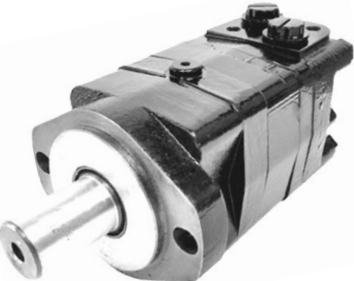
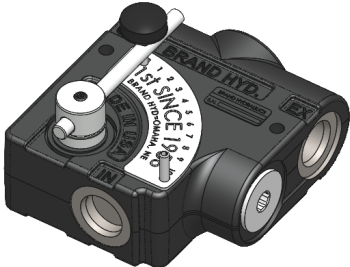
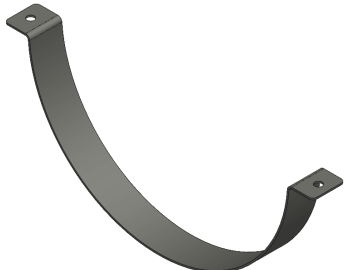
Pictorial Parts List—Jump Auger (OPTIONAL)

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

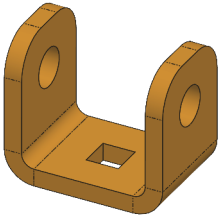
Pictorial Parts List—Jump Auger (OPTIONAL)

				
LANCK147 (1)	LANCK124 (2)	LANCK136 (1)	LANCK137 (1)	LANH217334 (2)
				
LANCK156 (1)	LANHK4X7 (2)	LANCK140 (1)	LANCK159 (1)	LANCK160 (1)
				
LANCKJACK (1)	LANCK132 (1)	LANW30256 (1)		LANSS704 (1)

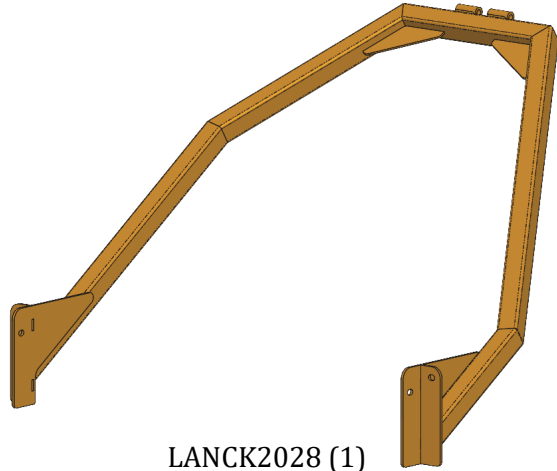
Pictorial Parts List—Jump Auger (OPTIONAL)

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

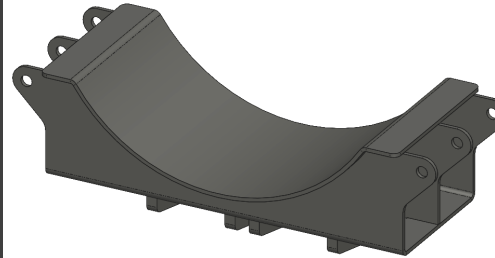
Pictorial Parts List—LANCK22131 (OPTIONAL)



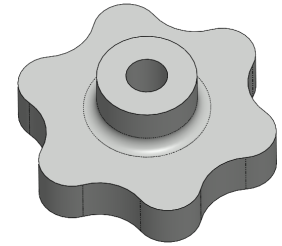
LANCK165 (2)



LANCK2028 (1)

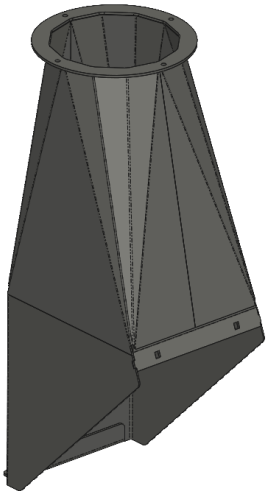


LANCK139 (1)

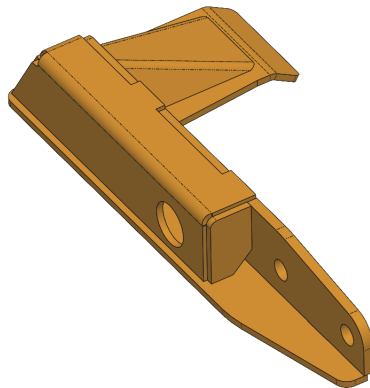


LANCK167 (2)

LANCK22867 (OPTIONAL)



LANCK2027 (1)



LANCK2020 (4)



LANFLY41 (8)



LANF25Y6 (4)

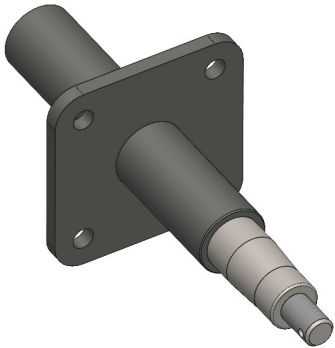
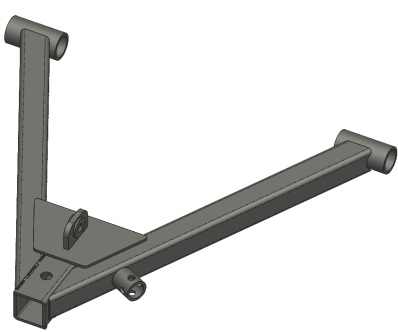
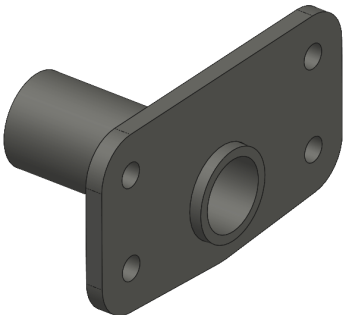
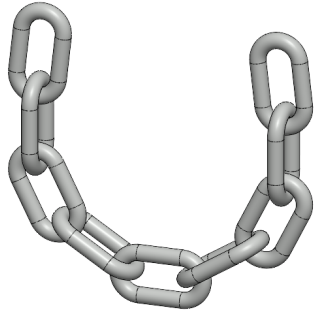
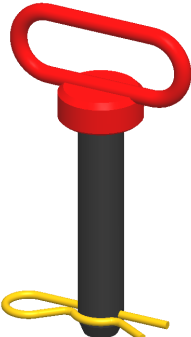


REDWL58 (8)



REDLW57 (4)

Pictorial Parts List—Trailer (OPTIONAL)

				
LANCK2044 (2)	LANCK2045 (1)	LANCK2046 (1)	LANCK2047 (2)	LANCK2049 (1)
				
LANCK2050 (1)	LANCBRSJJ10 (1)	LANBBJACK (1)	LANHH20253 (2)	LANFHG3 (2)
				
LM67048 (2)	LM8548 (2)	LAN281021 (2)	LAN4901556 (2)	Tire - 225/75R15 (2)

Operation

1. Go through the Setup steps (pages 26—28) and screen selection (page 29).
2. Set hammer mill in the location it will be operating, park the tractor and point the chute in the appropriate direction.
3. Optional/Recommended: Connect a garden hose to the swivel fitting.
4. 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
6. After the hammer mill is up to speed, begin dispensing grain into the hopper.
7. Optional/Recommended: 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.

- 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.
- Use the hopper door slide or the auger flow valve to modulate the rate grain enter the mill.

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.

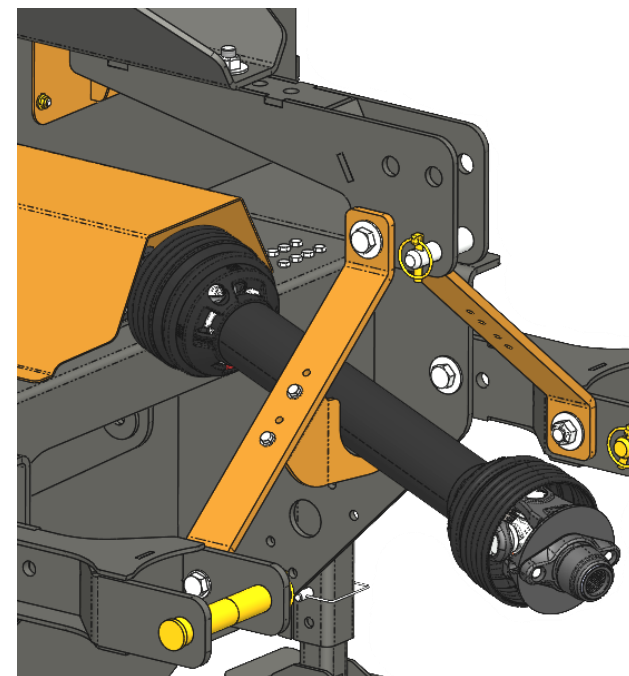
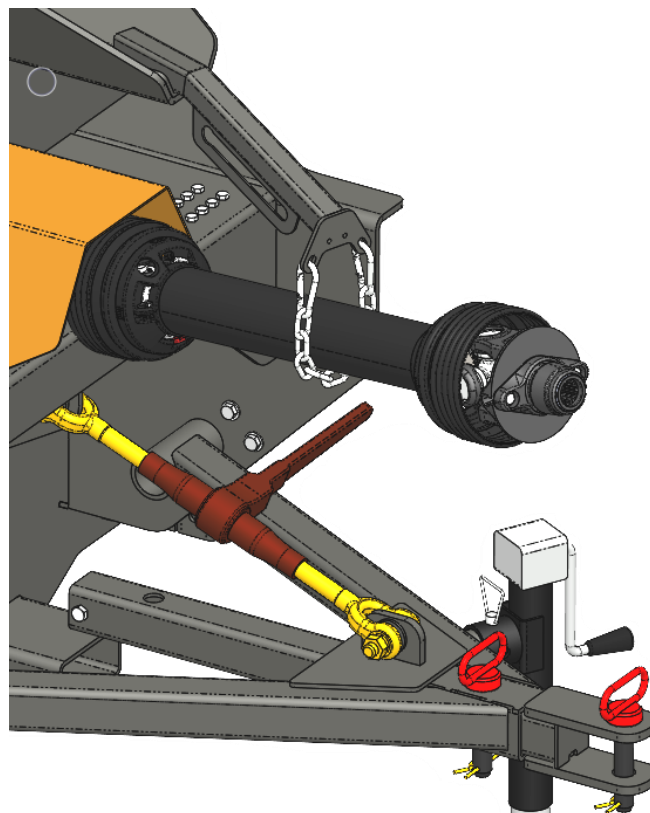
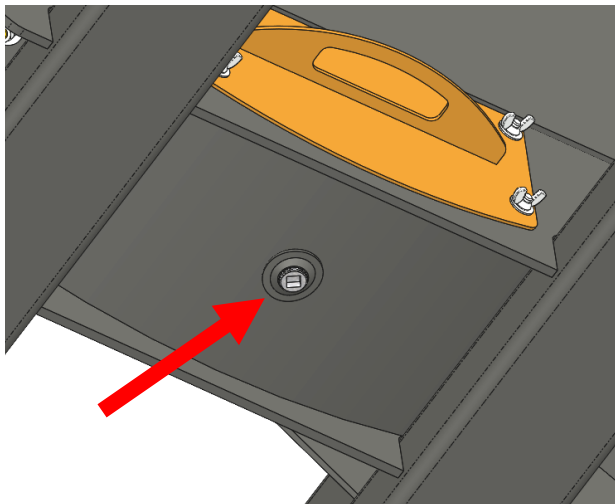
This warranty shall not be interpreted to render the Manufacturer liable for damages of any kind, direct, consequential, or contingent to property. Furthermore, the Manufacturer shall not be liable for damages resulting from any cause beyond its reasonable control. This Warranty does not extend to loss 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**

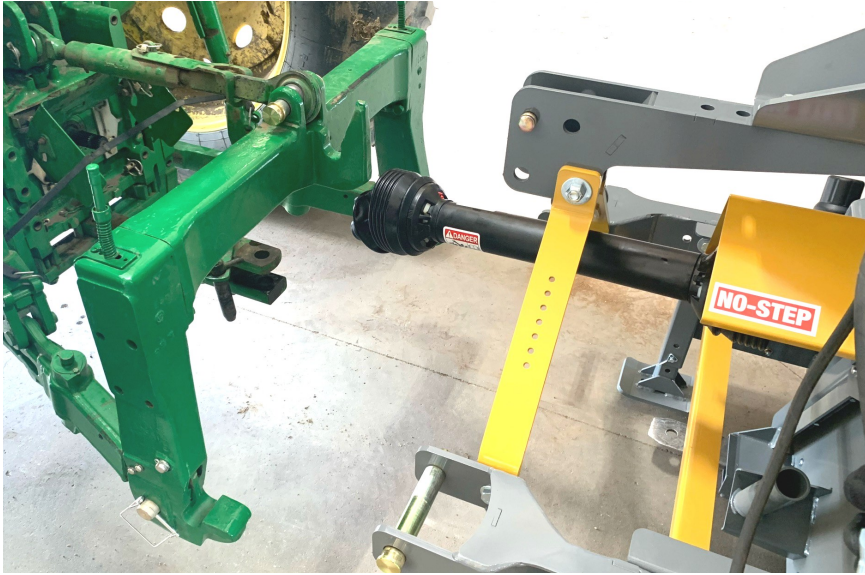
Setup



1. Use a tractor that has 150+ hp (at PTO) and has 1000 rpm PTO.
2. Slide the matching PTO half-shaft onto the mill and set it in the PTO rest.
3. Attach the hammer mill to the tractor; either by the 3-point or the hitch.
(See following pages for specifics on each.)
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.
5. Insert the drain plug into its operating position (underneath the chamber).
6. Park the tractor in the grinding location.
7. After parking, adjust the mill so the driveshaft is as level as possible.



Setup—3 Point

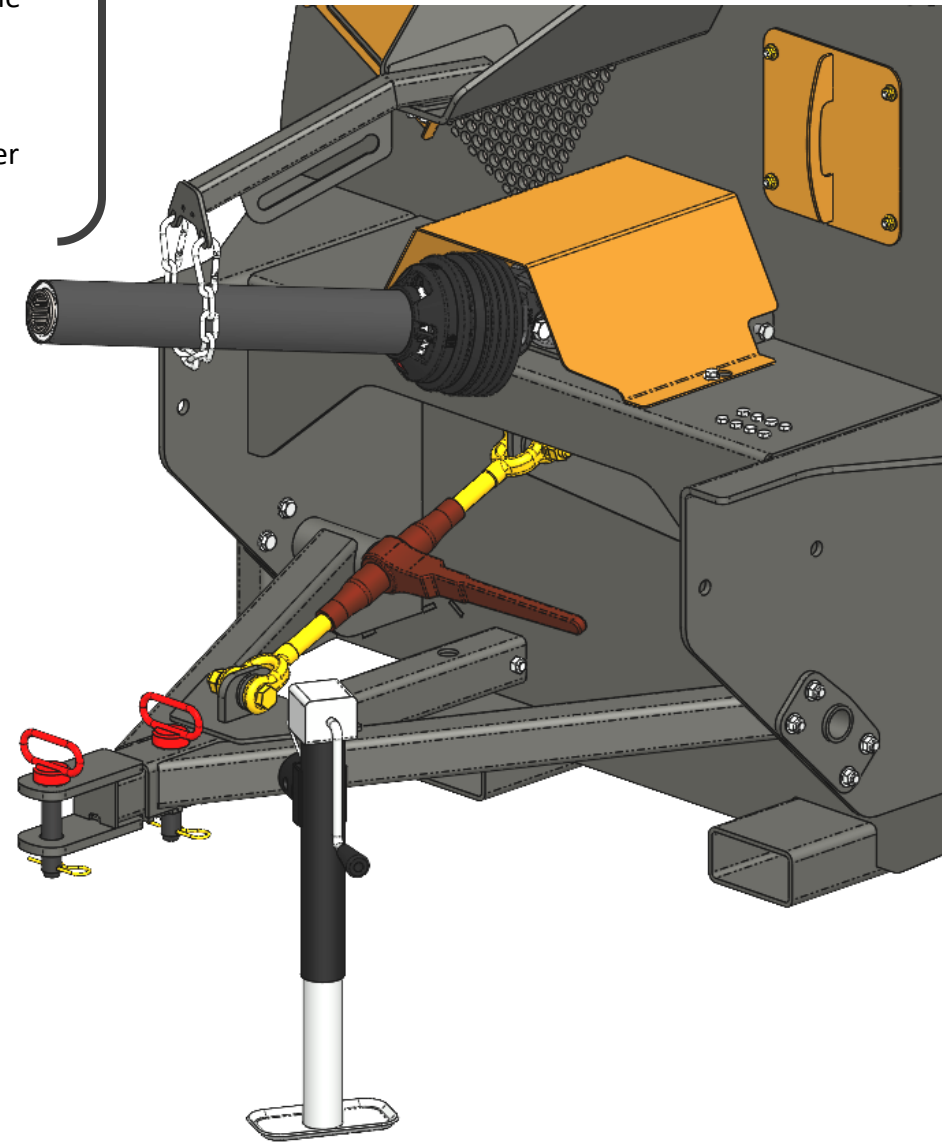
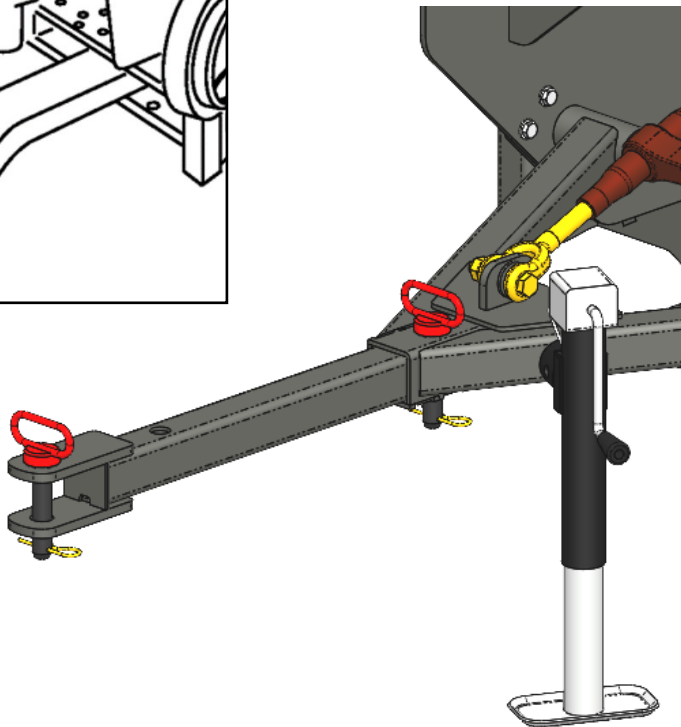
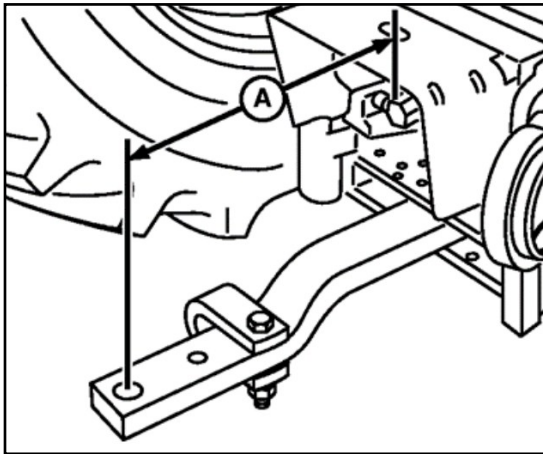


1. Attach the hammer mill to the 3-point of the tractor. The 3-point system can be adjusted 2" forward or backward, depending on the tractor.
2. Adjust the height of the footpads and the length of the top 3-point arm.
 - The driveshaft should be as level as possible.
 - At least 3 of the mill foot pads should be firmly on the ground.
 - The top link of the 3-point should be loose.



Setup—Trailer

1. Before hitching the corn cracker, ensure the tractor's drawbar is 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.
2. When operating the hammer mill/trailer unit, the hitch MUST be in the shortened position. If not, the driveshaft will be too short.
3. Use the hitch in extended position when towing on the highway.
4. To level the unit, adjust the ratchet turnbuckle for fore & aft.
5. For lateral leveling, move the jack to a side mount and raise the proper side, taking load off the wheel.



Screen Selection & Installation

SCREEN TABLE

- Screens are made from abrasive resistant (hard) steel.
- This machine can only use up to four screens at once.
- Any combination of screens can be used at the same time.
- Included with your Grinder/Blower are four sets of screens:
(1/4", 1/2" & 1" circles and 1.5" rectangles)
- If you wish for other screen sizes from the list, please contact your Lankota dealer.

Changing Screens:

1. With the tractor turned off, open the back door.
2. Slide out the screen(s) you want to change.
3. Slide the new screen(s) into the vacant slots. Make sure they are under the small retainer rod, pressed up against the intermediate ring and inside the back wall. (All are shown in the right figure.)
4. Close and latch the door.

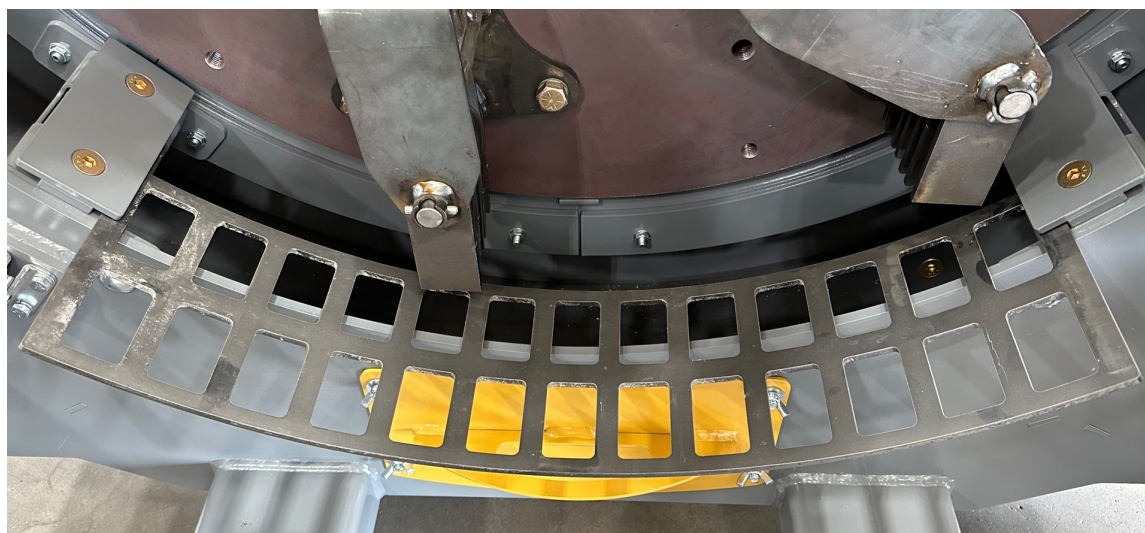
Part Number

Description

LANCKS000	a blank plate (blocks flow)
LANCKS019C	3/16" Circular Holes
LANCKS025C	1/4" Circular Holes
LANCKS038C	3/8" Circular Holes
LANCKS050C	1/2" Circular Holes
LANCKS075C	3/4" Circular Holes
LANCKS100C	1" Circular Holes
LANCKS100R	1" x 2.7" Slots
LANCKS125C	1.25" Circular Holes
LANCKS125R	1.25" x 2.7" Slots
LANCKS150C	1.5" Circular Holes
LANCKS150R	1.5" x 2.7" Slots
LANCKS200R	2" x 2.7" Slots

Corn

Fine	Coarse	Barley	Wheat	Oats	Milo
		2*	2*	2*	2*
		1	1	1	1
		2	2	2	2
		3	3	3	3
4					
2					
1					
3	4				
2	4				
3	3				
4	2				
	1				
	2				



LEGEND

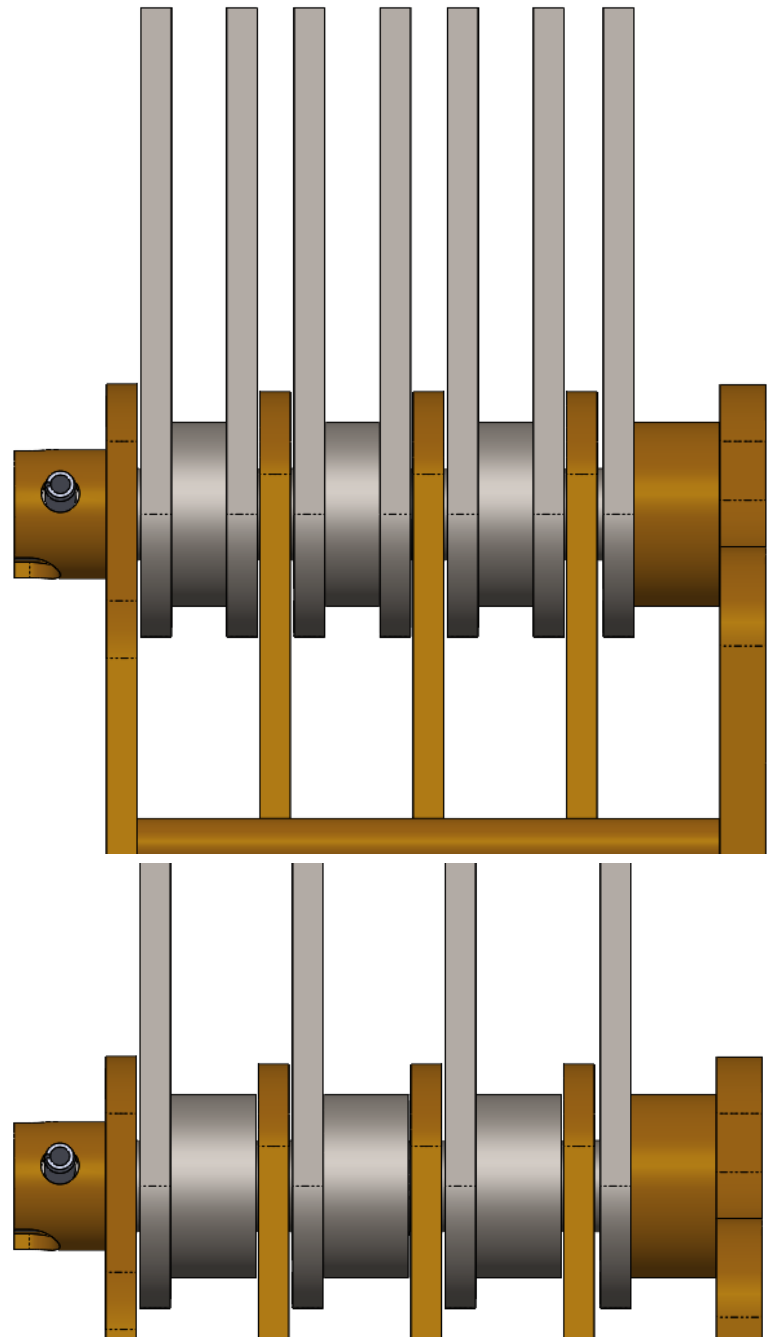
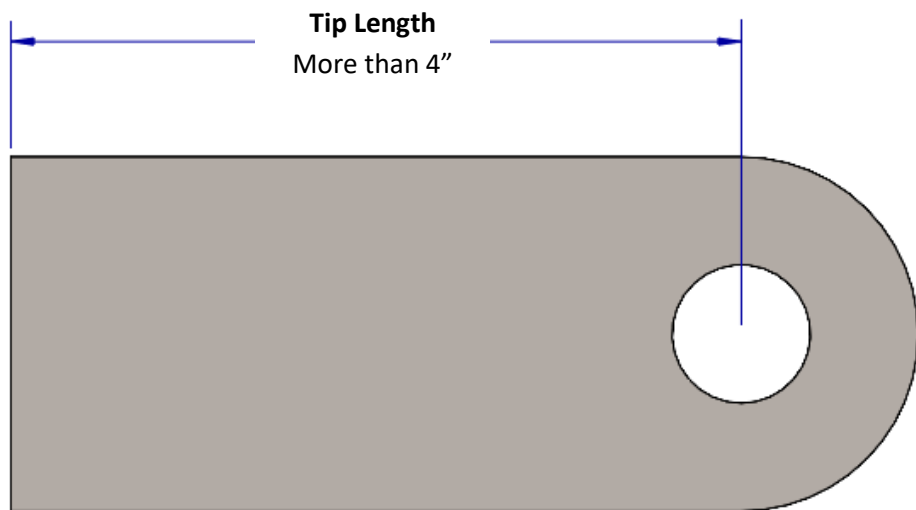
- 1 = most used screen
- 2 = 2nd most used screen
- 3 = 3rd most used screen
- 4 = 4th most used screen
- * = only 1 (out of 4) used
- ^ = default screen size

Hammer Installation/Replacement

1. Each of the 42 hammers is double-sided/reversible. After one side is worn down, remove the roll pin and 3/4" pin. (Removing the entire hammer assembly is an option.)
2. Flip the hammers and reinstall the hardware.
3. When both sides are worn or the tip is less than 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, thicker Hammer Spacers (LANCK2018) can be purchased. Remove the hammers and original spacers from each set and replace with the new spacers as shown (bottom right).



Chute Operation

- Turn the hydraulic flow down on the tractor SVC. The chute can be jerky and difficult to control precisely.
- 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 with processed grain, remove the throat covers to clean out the material.



Silo Operation

Silo Conversion Installation:

1. Remove the chute and its base from the unit and set them in storage.
2. Remove the access door on the front of the unit.
3. Install the paddles so the unit has a complete set (6). Use the Grade 8 hardware provided and tighten them through the access port.
4. Mount the silo transition to the unit with the removed hardware.
5. Replace the access door and its hardware.

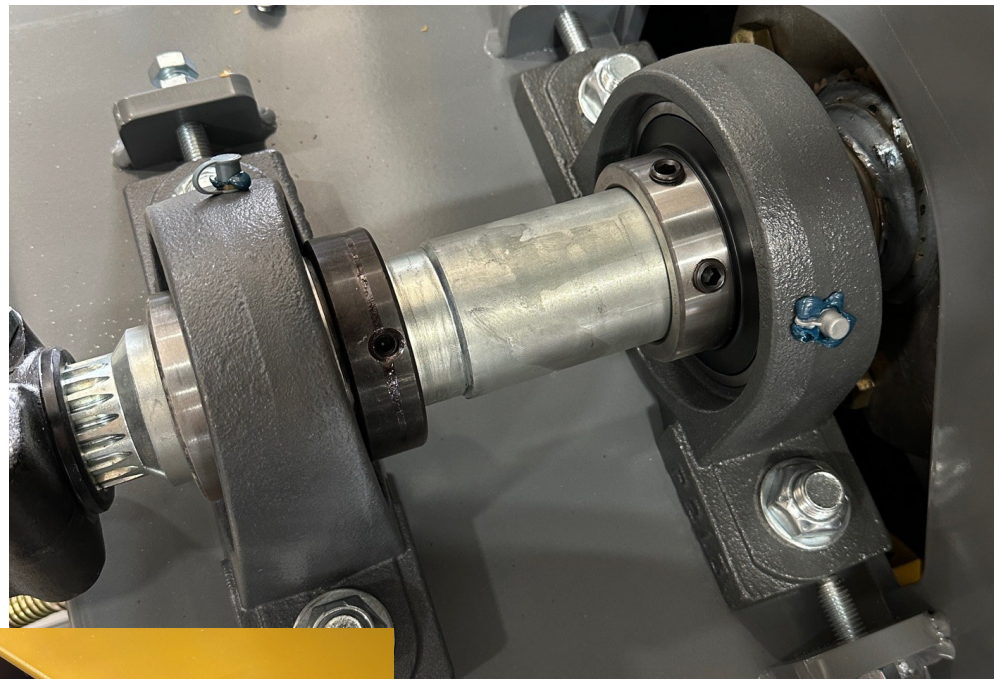
Operation:

1. Park the unit and tractor in the necessary location.
- 2a. With a 3-point: Manipulate the four foot pads and 3-point top link to level the corn cracker and align the transition with the silo tube.
- 2b. With a trailer: Use the ratchet turnbuckle to level the corn cracker fore & aft. Move the jack from the hitch to a side to tip the unit left or right.
3. Clamp the transition and silo tube together.
4. Start PTO and get to full speed before introducing grain.
5. Do not turn on water until grain is flowing.
6. To use the machine simply as a blower to send grain up a silo, remove all the screens and operate as normal.



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.



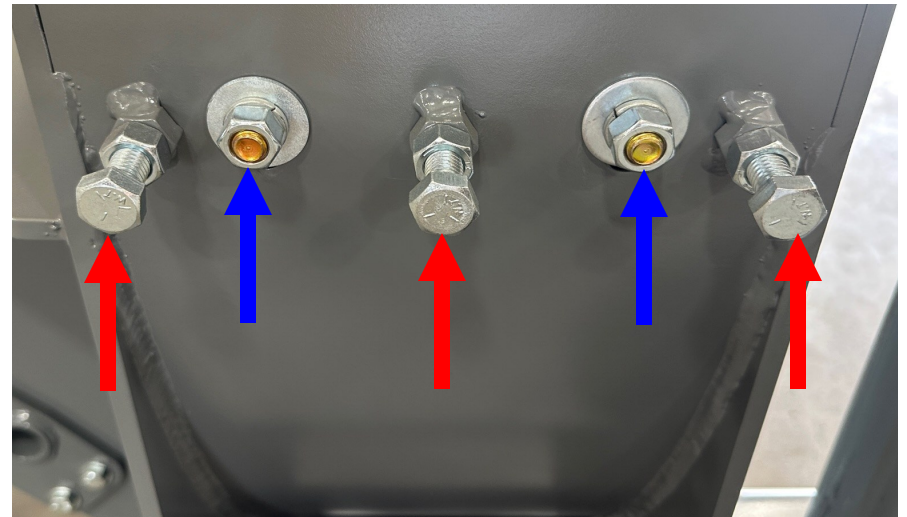
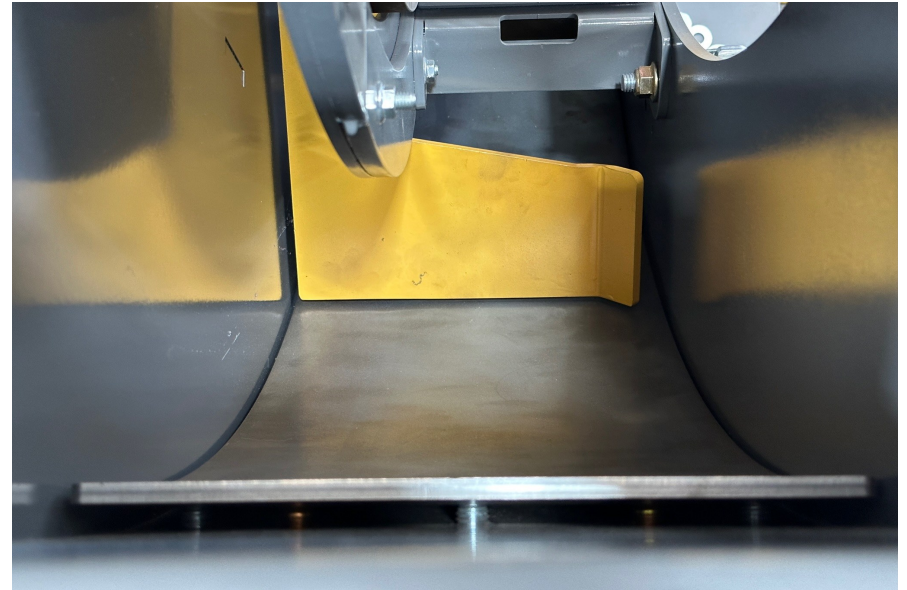
[EasyLock Guard™ How-To Video](#)
(Start at 0:27)

Maintenance

This machine has replaceable liner. Should it ever wear through, please contact your Lankota dealer for a new one.

Replacing the Liner:

1. Remove the chute and its base or the silo transition from the unit.
2. Remove the screens from the bottom and left side.
3. Loosen the liner's shim bolts and back out some.
4. Loosen and remove the flat head bolts holding the liner in place.
5. Pull the worn liner out and put the new one in.
6. Reinstall the mounting hardware—start at the bottom and work up. Tighten the bottom two, but leave the rest loose.
7. Position a paddle over the middle bolts. Screw in the adjustment bolts until there is 1/16" - 1/8" gap. Tighten the middle mount bolts.
8. Position a paddle over the top bolts. Screw in the adjustment bolts until there is 1/16" gap. Tighten the top mount bolts.
9. Spin the drum by hand and check that nothing touches the liner.
10. Replace chute or transition and the screens.

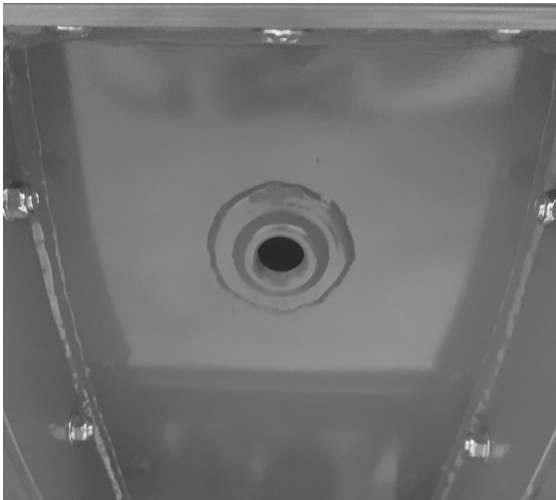
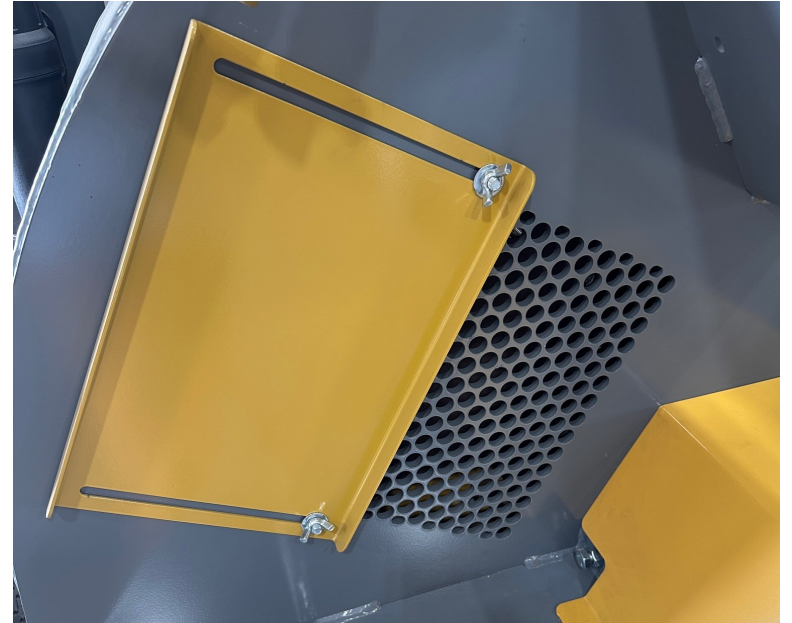


Adjustment Bolts
Mounting Bolts

Storage

At the end of each season:

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



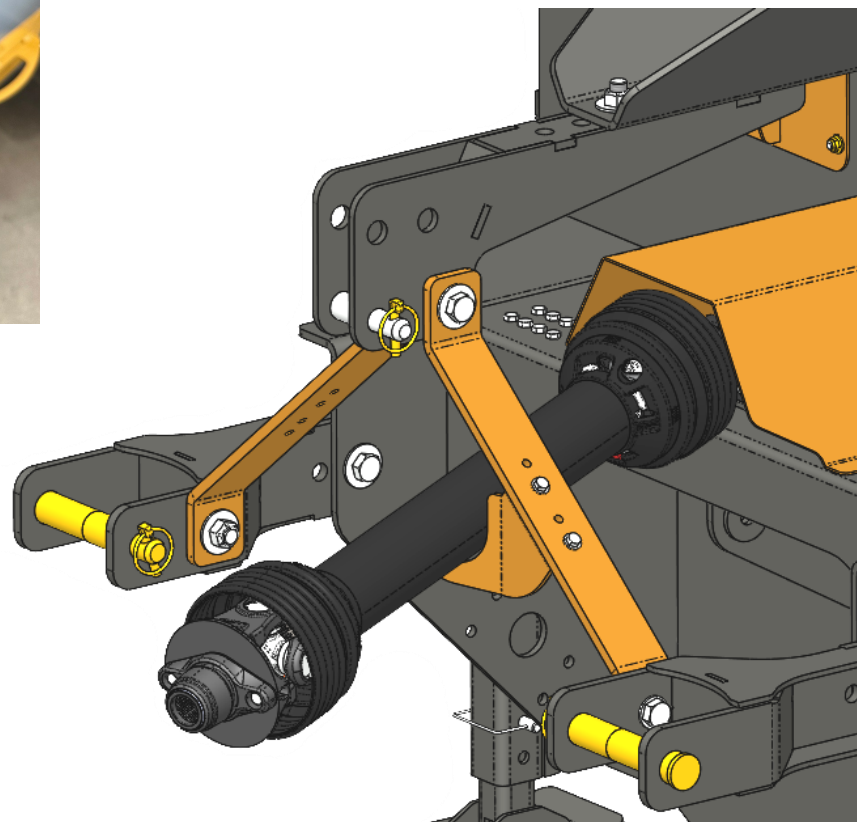
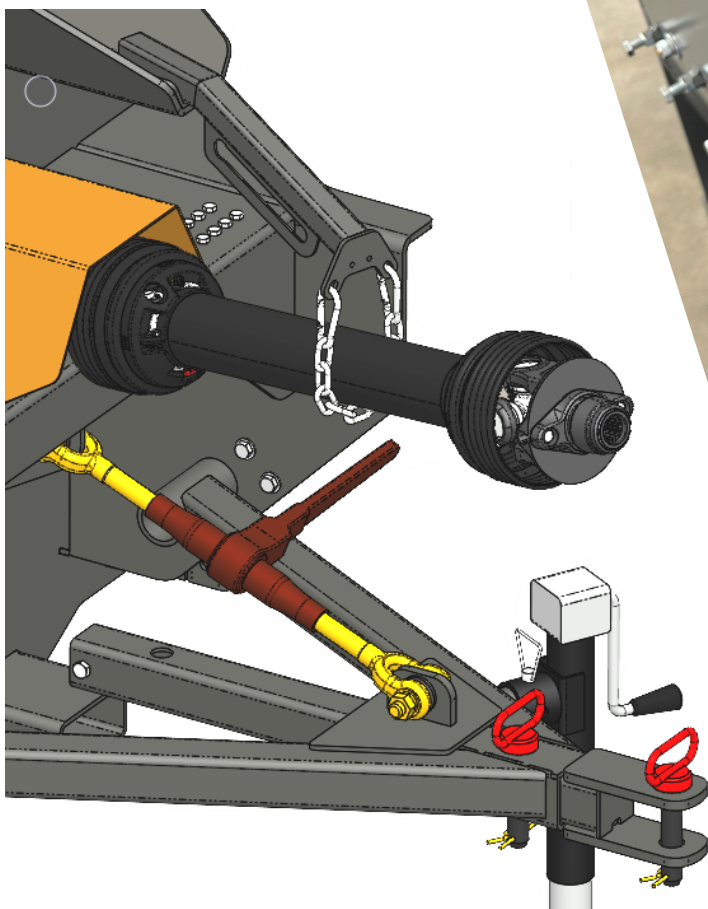
Storage



To store the driveshaft, either:
Leave it slid together and rest it in the cradle of the 3-point or hang it from the trailer arm with the chain.

OR

Remove the tractor half and set it in the holder.



Troubleshooting—Shear Bolts and Plugging

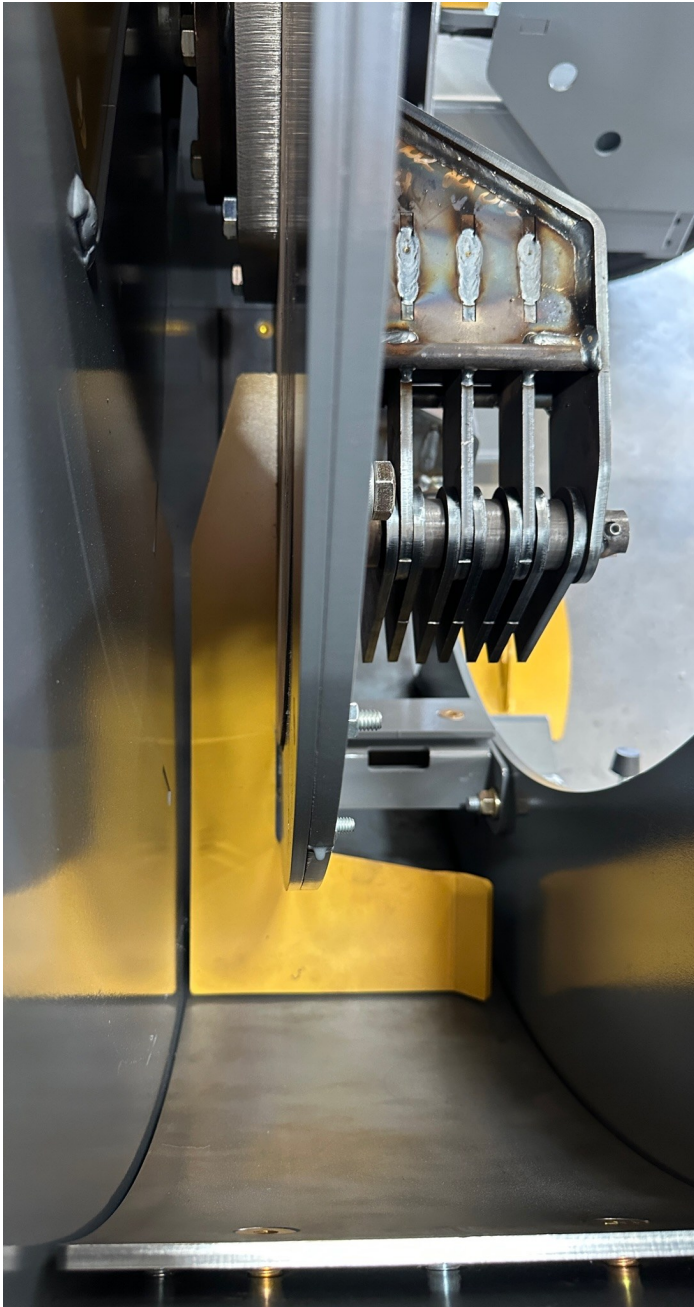
If the hammer mill experiences too high of a load, shear bolts on the driveshaft flange will break. This is to protect the mill from excessive stress and premature part failure. If this should happen follow these steps:

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.
4. Shut off the tractor.
5. Open the rear door and remove the wing nuts and clean-out panel. Clear all the grain from inside the mill.
6. 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.
7. 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

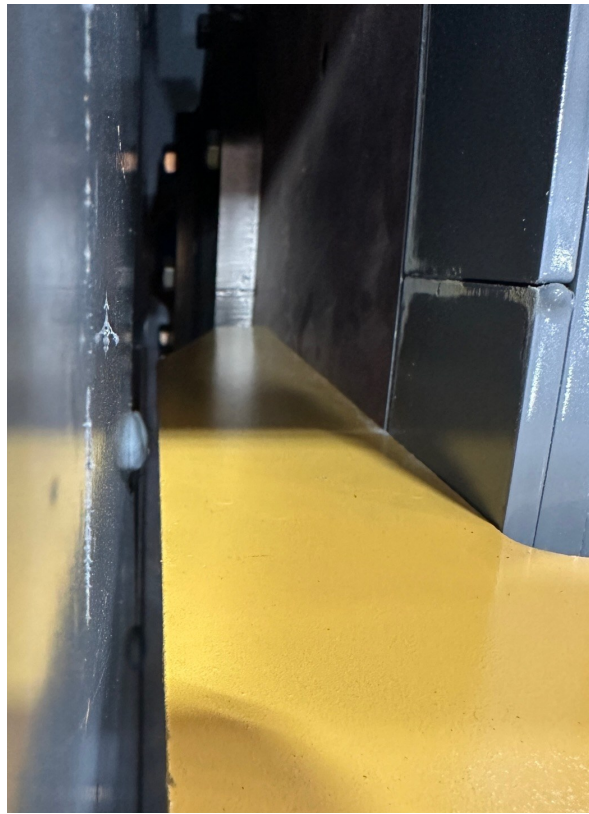


Troubleshooting—Drum Spacing/Ticking

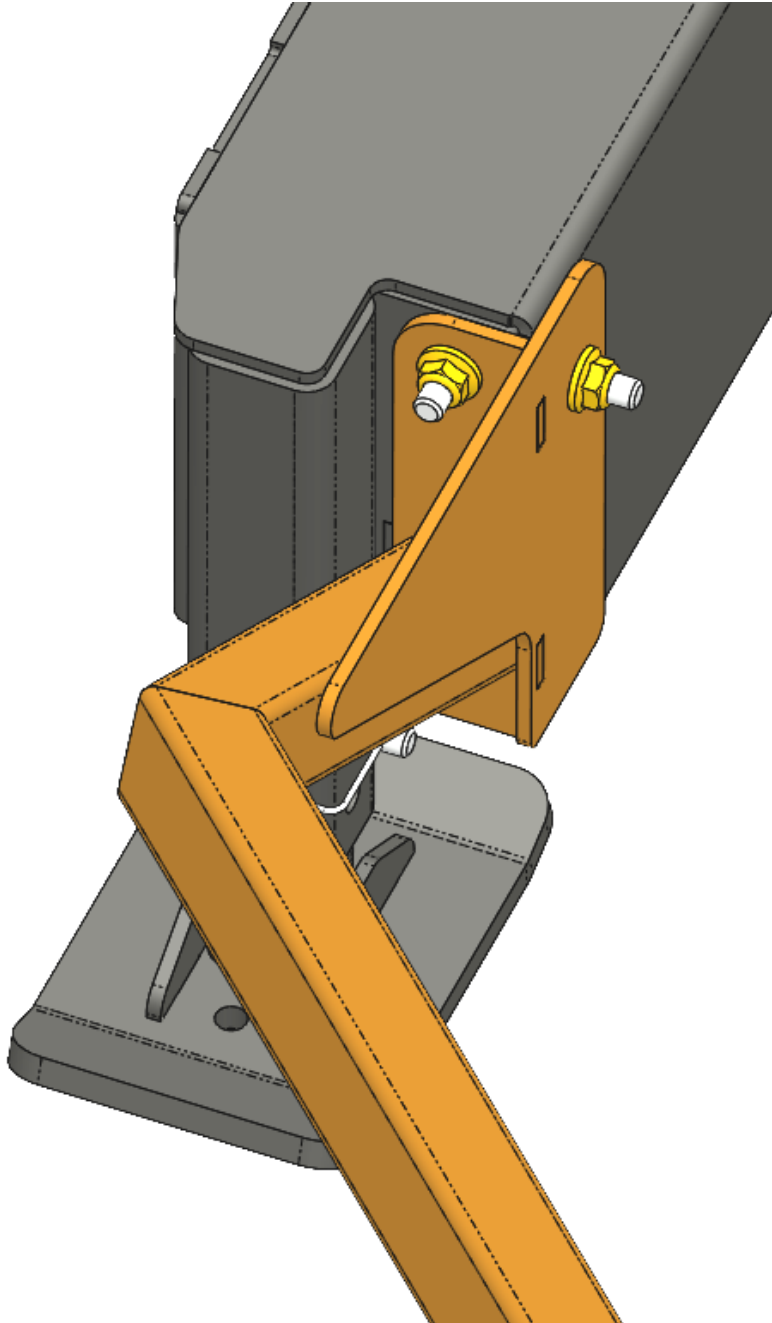


The drum is centered, squared and locked in place during assembly, but transport and some use may cause it to shift/settle. If the hammer mill produces a ticking/knocking sound when spinning, the drum may not be correctly centered in the housing anymore and the paddles may be hitting internal ring or the head of a weld-in carriage bolt.

- Remove the chute and chute base from the machine.
- Examine the paddles and determine where the sound is coming from.
- Loosen the Allen set screws and collar on the bearings.
- 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 the chute.

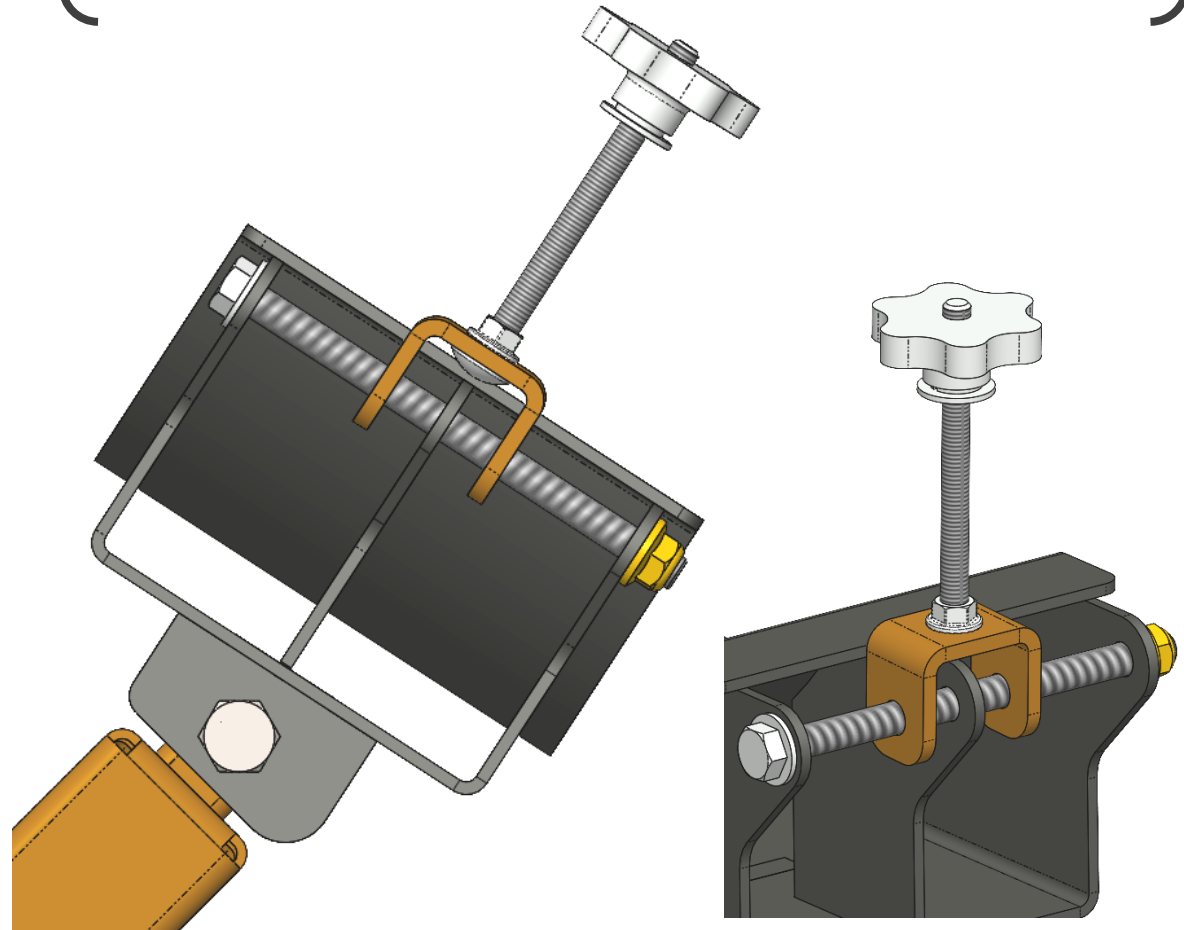


ASSEMBLY—Auger Stow Support (LANCK22131)



To install the auger stow support:

1. Attach the support weldment (LANCK2028) to the legs with 1/2" x 1.5" carriage bolts and flange nyloc nuts.
2. Tighten all the hardware.
3. 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.
4. 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.
5. 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.



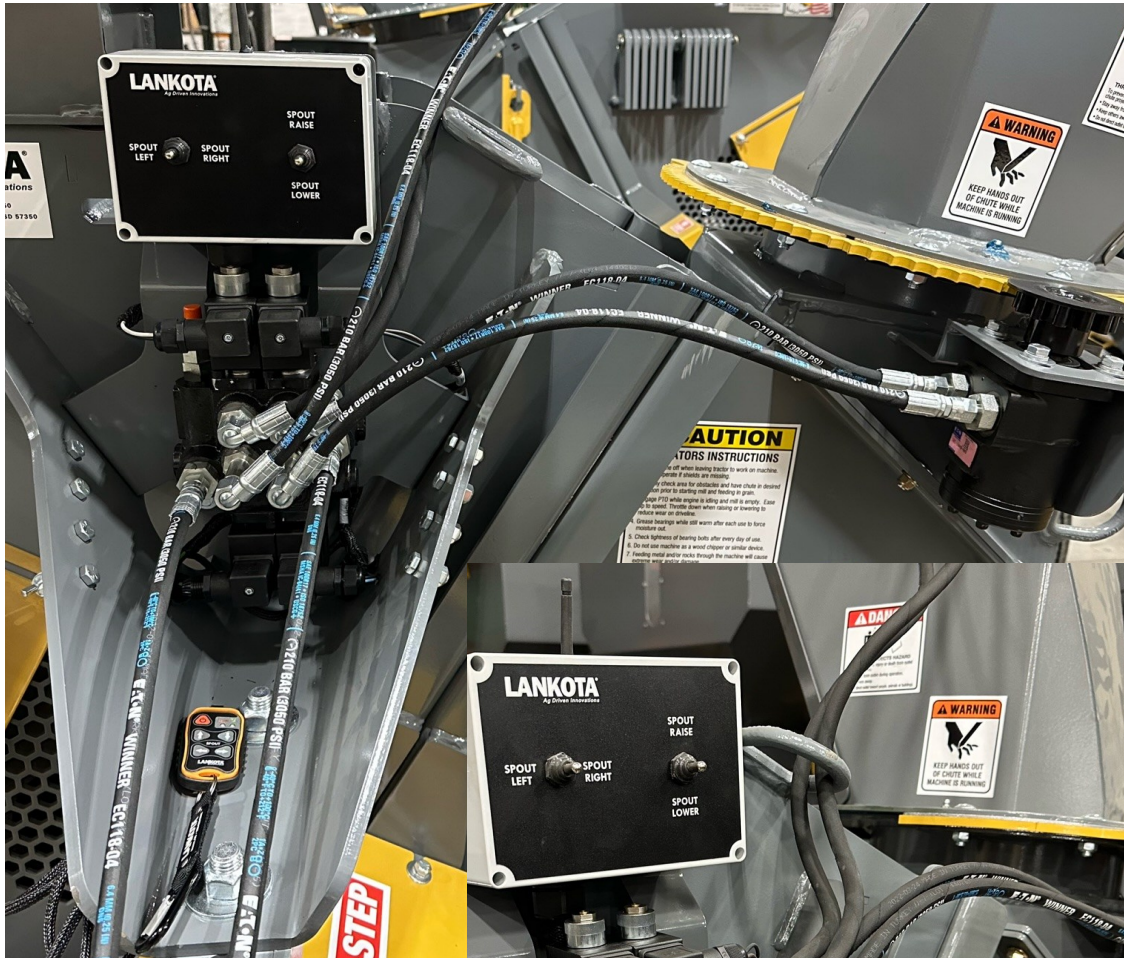
ASSEMBLY—Trailer (LANCK22711)



1. Set the hitch frame (LANCK2045) in between the front flanges, slide a pivot bracket (LANCK2047) into each side and fasten with 1/2" hardware.
2. Connect the hitch frame to the center brace with the turnbuckle and level the hitch.
3. Slide in the extension, pin it with a 1" pin and retain it with a 1/2" bolt and nut.
4. Attach the PTO hanger to the upper frame mount point with a 3/4" bolt.
5. Hang the PTO shaft with the chain and carabiners.



ASSEMBLY—Hyd Remote (LANCK23510)



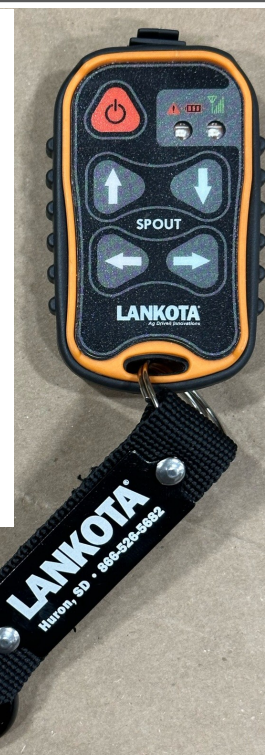
1. Fasten all fittings to the hydraulic block as depicted. (Long fittings on bottom.)
2. Mount hyd block to mount bracket, followed by the control box and harness.
3. Connect the wiring connections to the block as shown here and detailed on page 59.
4. Run the hoses from the block to their respective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

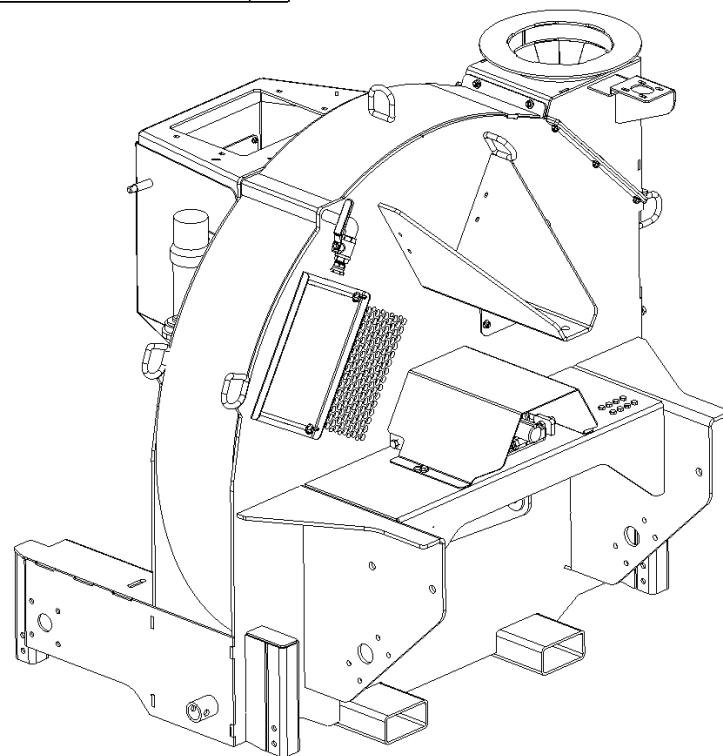
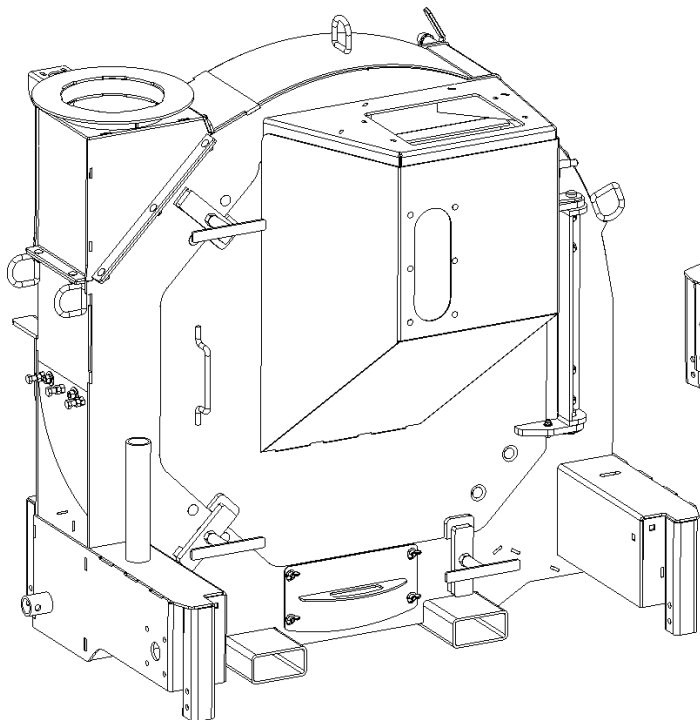
- It has a range of over 300 feet.
- If lost, a replacement can be purchased from Lankota.
- To sync a new remote:
 - ◇ Turn off remote and unplug the control box
 - ◇ Press and hold the remote power button for 10 seconds; both LEDs will start blinking
 - ◇ Plug in the control box
 - ◇ The green LED 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.

Housing Assembly

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK2001	Housing/Frame Weldment	1
2	LANCK2002	Drum Spindle & Mount	1
3	LANCK2003	Drum Disc	1
4	LANCK2004	Door Weldment	1
5	LANCK2005	Hinge Base	1
6	LANCK2006	Hinge Base Spacer	1
7	LANCK2007	Hinge Pin	2
8	LANFWS50	SAE FLAT WASHER - 1	1
9	LANCK2010	Screen & Ring Mount	4
10	LANCK2011	Screen Spacer Plate	4
11	LANCK2012	Screen Retainer Plate	4
12	LANCK2013	Ring Plate (Small)	4
13	LANCK2014	Ring Plate (Large)	4
14	LANCK2015	Hammer Mount Weldment	6
15	LANCK2016	Hammer, CKB	60
16	LANCK109	Hammer Acces Door	1
17	LANCK2019	Hammer Pin, CKB	6
18	LANCK2020	Blower Paddle - Standard Velocity	2
19	LANCK102	Air Intake Gate	1
20	LANCK111	Clean Out Door	1
21	RED01-315C	MANUAL HOLDER CANISTER	1
22	LANCK2024	Liner, CKB	1
23	LANCK2025	Chute Base	1
24	LANCK2029	Bearing Shield	1
25	LANCK2032	Bearing Spacer, 1/4"	1
26	LANUCPX12-39	Bearing, 2-7/16" w/ 2 Set Screws	1
27	LANHCP212-36	Bearing, 2.25" w/ Eccentric Collar	1
28	RED10BX	Key, Square - 3/8" x 2"	1
29	LAN70815T47	3/4"GHT x 3/4"MPT Swivel Adapter	1
30	LAN0401828	Brass 3/4" NPT 90° Street Elbow	1
31	LAN47865K24	Brass Ball Valve, 3/4" NPT	1
32	LAN4638K718	3/4" NPT Plug	1
33	LANCK117	Hopper Window	1
34	LANFLY41	HHCS - .75-10 X 1.5, GR. 8	6
35	LANFB810	HHCS - .75-10 X 2.5, GR. 5	4
36	LANFWS58	SAE FLAT WASHER - .75	8
37	REDWL58	LOCK WASHER - .75	6
38	REDKRJG	TOP LOCK NUT - .75-10, GR. 5	4
39	LANF25Y6	HHCS - .625-11 X 1.5, GR. 8	18
40	REDB712	HHCS - .625-11 X 3, GR. 5	7
41	LANFR160	HHCS - .625-11 X 4, GR. 8	6
42	REDWL57	LOCK WASHER - .625	18
43	REDKRJF	TOP LOCK NUT - .625-11, GR. 5	13
44	LAN506K	CARRBLT - .5-13 X 1.5	12
45	LANFECER	FHCS - .5-13 X 1.5, GR. 5	14
46	LANF011B	HHCS - .5-13 X 2, GR. 5 Full Thread	10
47	LAN22000	FLAT WASHER - 1/2	6

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
48	REDWL55	LOCK WASHER - .5	6
49	LANF-HN-0.500C	HEX NUT - .5-13, GR. 5	16
50	LANFNXC1	FLG NYL NUT - .5-13, GR. 5	4
51	LANFM7KV	SERR FLNG BOLT-.375-16 X 1 GR. 5	2
52	LAN18A	CARRBLT - .375-16 X 1	10
53	LAN18A00	HHCS - 3/8 x 1, GR. 5	14
54	REDB306	HHCS - 3/8 x 1.5, GR. 5	2
55	LAN18000	FLAT WASHER - .375	8
56	RED0DTT	TOP LOCK NUT - .375-16, GR. 5	14
57	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	16
58	LANFNW3	3/8" Wing Nut	6
59	LANF103K	CARRBLT - .25-20 X .75	6
60	LANEJRN	FLG NYL NUT - .25-20, GR. 5	6
61	LANFXG26	CARRBLT - .312-18 X .75	3
62	LANF033Y	FHCS - .312-18 X 1.25, GR. 5	16

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
63	LAN1616	NYLOC NUT - .312-18, GR. 5	3
64	REDKRJ8	TOP LOCK NUT - .312-18, GR. 5	16
65	LANCK2008	Door Clamp Block	3
66	LANCK2009	Door Clamp T-Nut	3
67	LANCK2051	Hammer washers	36
68	RED1F30	TOP LOCK NUT - .5-13, GR. 5	16

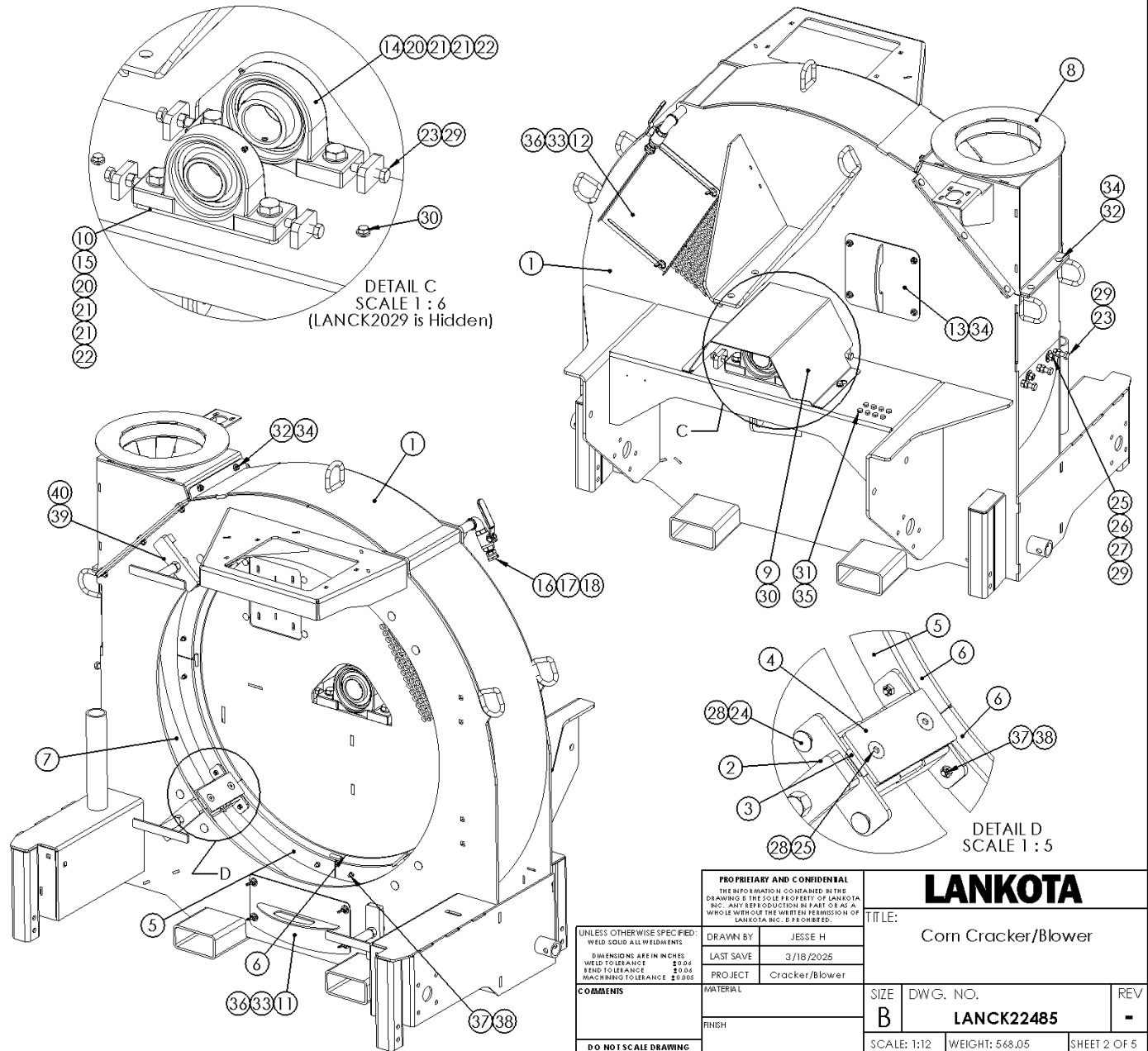


REVISIONS			
REV	ECN	DATE	CHG BY
A	ECN-0272	10/15/2024	CO

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.		LANKOTA TITLE: Corn Cracker/Blower	
UNLESS OTHERWISE SPECIFIED: WELD: SOLID ALL WELDEDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE: ±0.06 BEND TOLERANCE: ±0.06 MACHINING TOLERANCE: ±0.005	DRAWN BY: JESSE H LAST SAVE: 3/18/2025 PROJECT: Cracker/Blower	SIZE: B DWG. NO.: LANCK22485	REV: -
COMMENTS: DO NOT SCALE DRAWING	MATERIAL: FINISH:	SCALE: 1:12 WEIGHT: 568.05	SHEET 1 OF 5

Housing Assembly

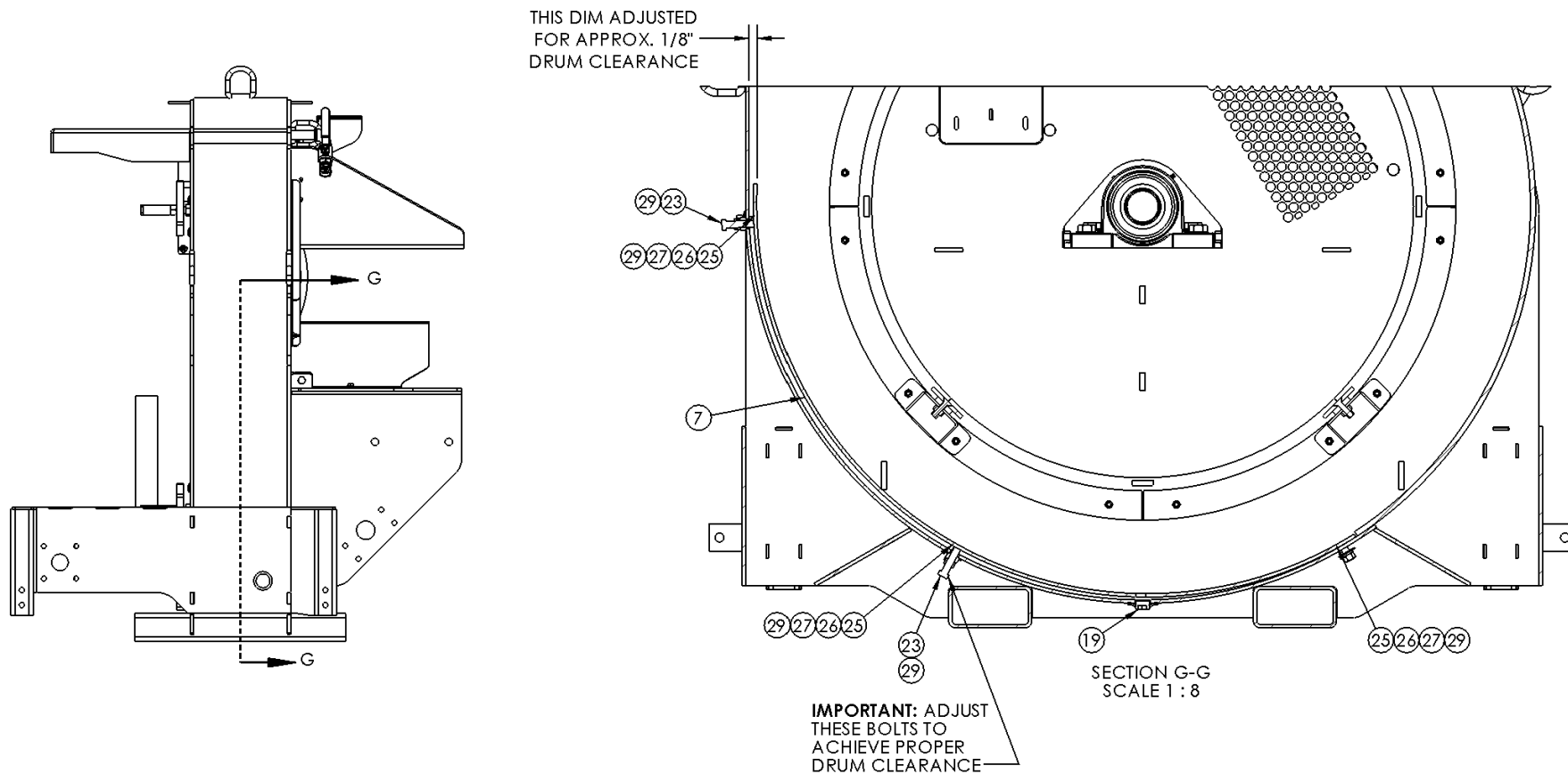
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK2001	Housing/Frame Weldment	1
2	LANCK2010	Screen & Ring Mount	4
3	LANCK2011	Screen Spacer Plate	4
4	LANCK2012	Screen Retainer Plate	4
5	LANCK2013	Ring Plate (Small)	4
6	LANCK2014	Ring Plate (Large)	4
7	LANCK2024	Liner, CKB	1
8	LANCK2025	Chute Base	1
9	LANCK2029	Bearing Shield	1
10	LANCK2032	Bearing Spacer, 1/4"	1
11	LANCK111	Clean Out Door	1
12	LANCK102	Air Intake Gate	1
13	LANCK109	Hammer Access Door	1
14	LANUCPX12-39	Bearing, 2-7/16" w/ 2 Set Screws	1
15	LANHCP212-36	Bearing, 2.25" w/ Eccentric Collar	1
16	LAN70815T47	3/4"GHT x 3/4"MPT Swivel Adapter	1
17	LANQ401828	Brass 3/4" NPT 90° Street Elbow	1
18	LAN47865K24	Brass Ball Valve, 3/4" NPT	1
19	LAN4638K718	3/4" NPT Plug	1
20	LANFB810	HHCS - .75-10 X 2.5, GR. 5	4
21	LANFWS58	SAE FLAT WASHER - .75	8
22	REDKRJG	TOP LOCK NUT - .75-10, GR. 5	4
23	LANF011B	HHCS - .5-13 X 2, GR. 5 Full Thread	10
24	LAN506K	CARRBLT - .5-13 X 1.5	8
25	LANFECER	FHCS - .5-13 X 1.5, GR. 5	14
26	LAN22000	FLAT WASHER - 1/2	6
27	REDWL55	LOCK WASHER - .5	6
28	RED1F30	TOP LOCK NUT - .5-13, GR. 5	16
29	LANF-HN-0.500C	HEX NUT - .5-13, GR. 5	16
30	LANFM7KV	SERR FLNG BOLT- 0.375-16 X 1 GR. 5	2
31	LAN18A00	HHCS - 3/8 x 1, GR. 5	8
32	LAN18A	CARRBLT - .375-16 X 1	10
33	LAN18000	FLAT WASHER - .375	6
34	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	14
35	RED0DTT	TOP LOCK NUT - .375-16, GR. 5	8
36	LANFNAW3	3/8" Wing Nut	6
37	LANF03SY	FHCS - .312-18 X 1.25, GR. 5	16
38	REDKRJ8	TOP LOCK NUT - .312-18, GR. 5	16
39	LANCK2008	Door Clamp Block	3
40	LANCK2009	Door Clamp T-Nut	3



Liner

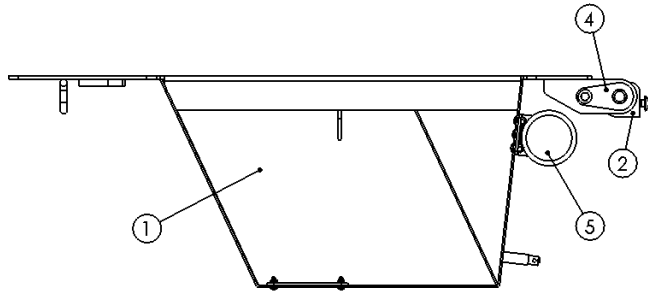
NOTES

1. BILL OF MATERIALS ON PREVIOUS PAGE

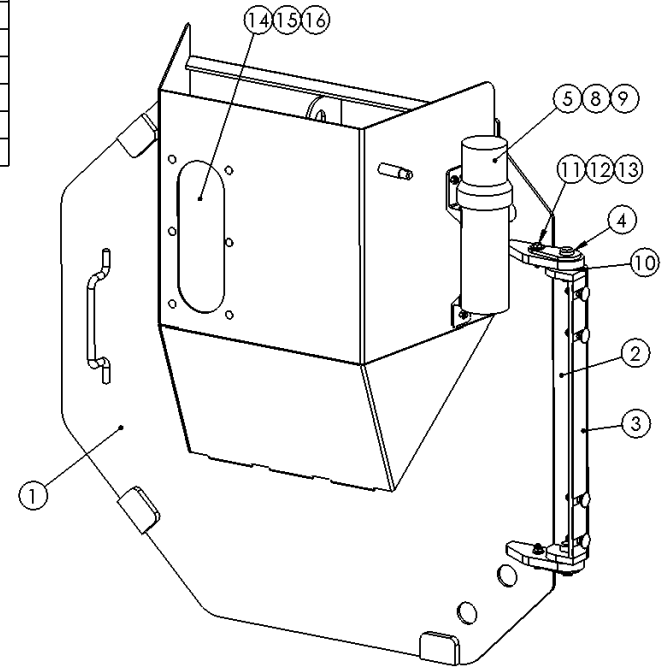
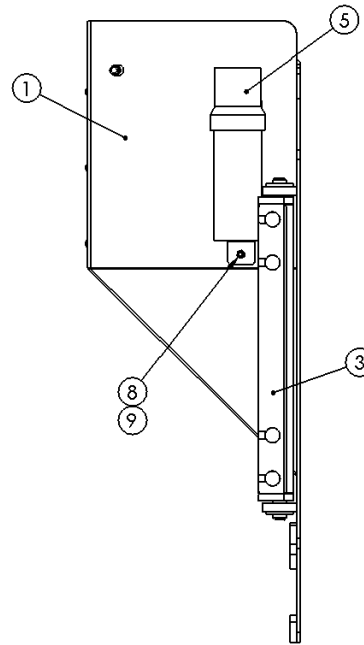
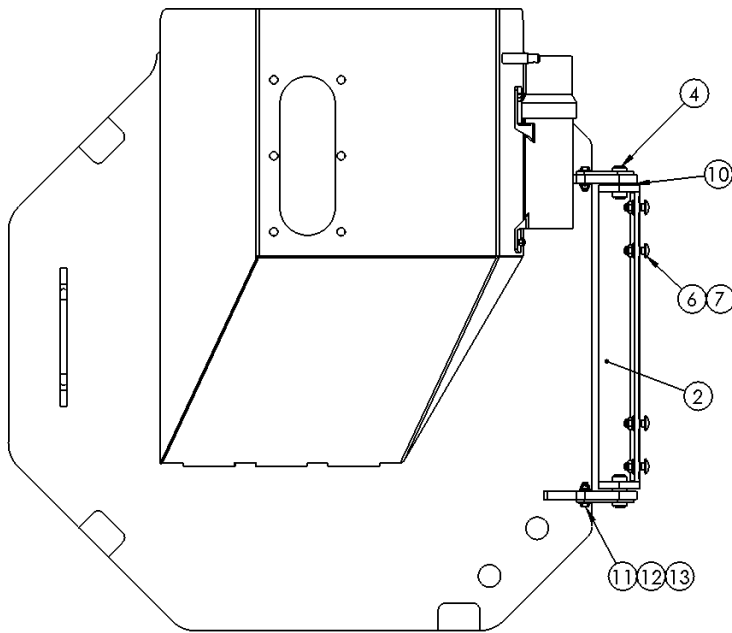


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UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE ±0.06 BEND TOLERANCE ±0.06 MACHINING TOLERANCE ±0.005	DRAWN BY	JESSE H	SIZE	DWG. NO.
	LAST SAVE	3/18/2025	B	LANCK22485
	PROJECT	Cracker/Blower	SCALE: 1:12	WEIGHT: 568.05
	COMMENTS			SHEET 3 OF 5
DO NOT SCALE DRAWING	MATERIAL			
	FINISH			

Door Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK2004	Door Weldment	1
2	LANCK2005	Hinge Base	1
3	LANCK2006	Hinge Base Spacer	1
4	LANCK2007	Hinge Pin	2
5	RED01-31.5C	MANUAL HOLDER CANISTER	1
6	LAN506K	CARRBLT - .5-13 X 1.5	4
7	LANFNXC1	FLG NYL NUT - .5-13, GR. 5	4
8	LANFXG26	CARRBLT - .312-18 X .75	3
9	LAN1616	NYLOC NUT - .312-18, GR. 5	3
10	LANFW550	SAE FLAT WASHER - 1	1
11	REDB306	HHCS - 3/8 x 1.5, GR. 5	2
12	LAN18000	FLAT WASHER - .375	2
13	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	2
14	LANCK117	Hopper Window	1
15	LANF103K	CARRBLT - .25-20 X .75	6
16	LANEJRN	FLG NYL NUT - .25-20, GR. 5	6

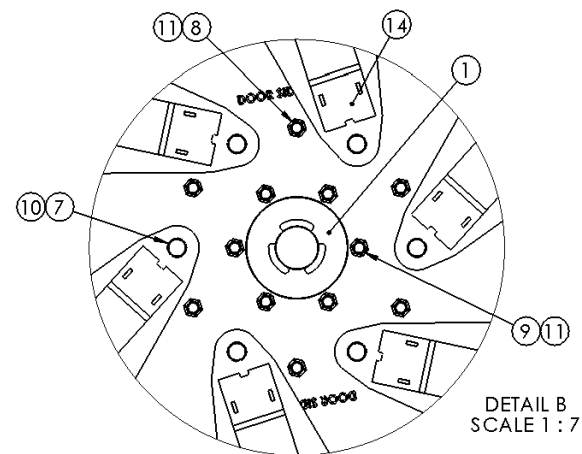
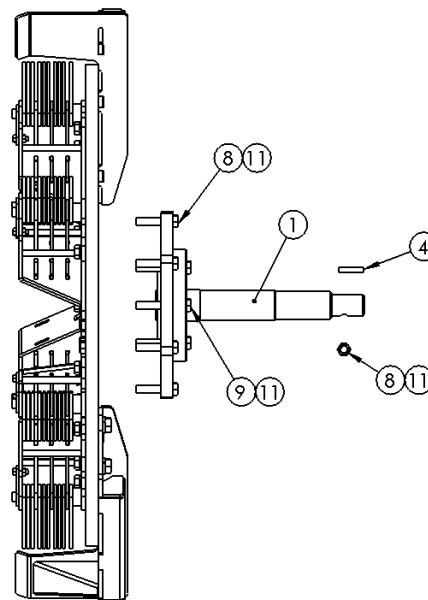
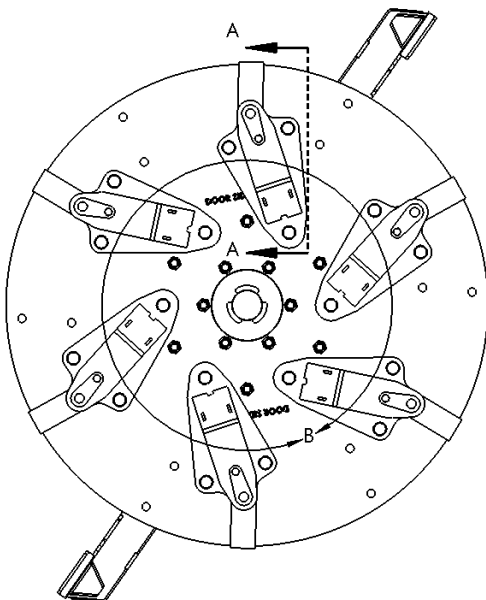
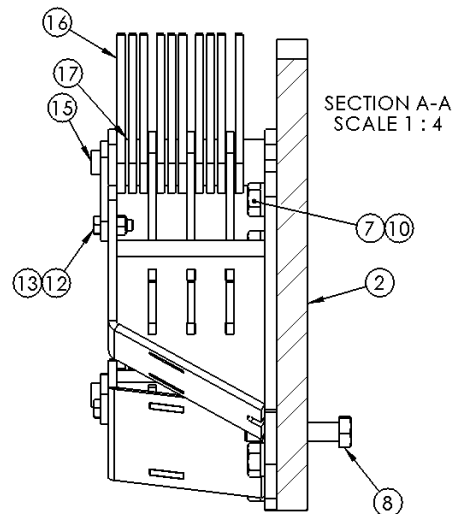
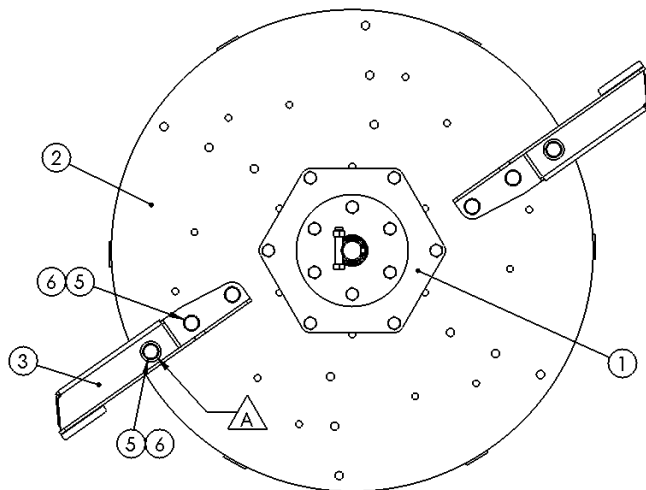


UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE ±0.06 BEND TOLERANCE ±0.06 MACHINING TOLERANCE ±0.005		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LANKOTA INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LANKOTA INC. IS PROHIBITED.		LANKOTA	
		DRAWN BY	JESSE H	TITLE:	
		LAST SAVE	3/18/2025	Corn Cracker/Blower	
		PROJECT	Cracker/Blower		
		MATERIAL		SIZE	DWG. NO.
		FINISH		B	LANCK22485
		DO NOT SCALE DRAWING		SCALE: 1:9	WEIGHT: 568.05
					SHEET 4 OF 5

Drum Assembly

NOTES

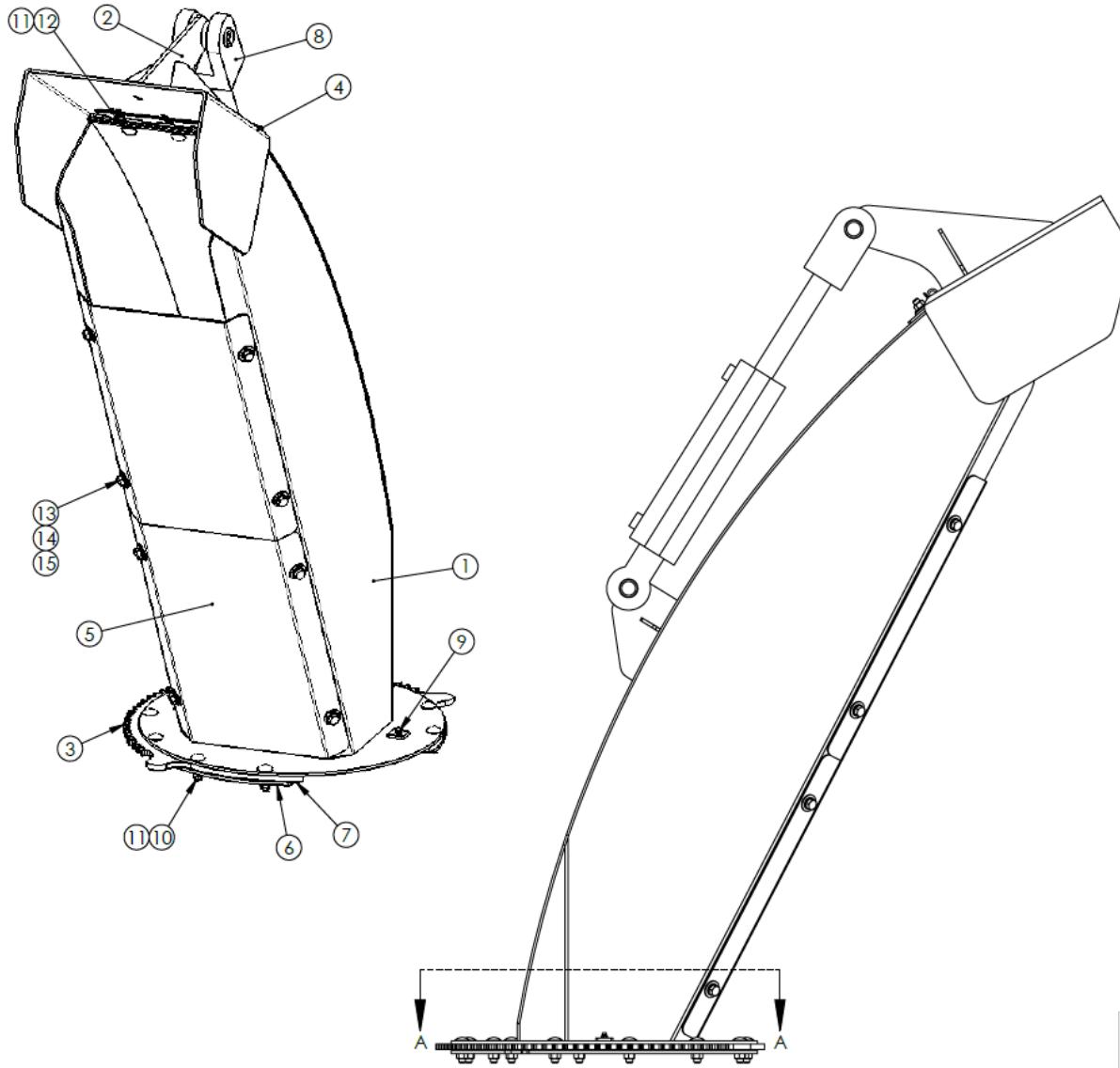
1. PRIOR TO ASSEMBLY, CLEAN OUT AND DRY ALL THREADED HOLES
2. FULLY COAT 3 THREADS ON END OF EACH BOLT WITH RED LOCTITE PRIOR TO INSTALLATION
3. ONCE BOLTS ARE SNUG, TORQUE TO SPECIFICATION **WITH TORQUE WRENCH**
 - 3/4" GRADE 8 BOLTS - 312 FT-LBS
 - 5/8" GRADE 8 BOLTS - 175 FT-LBS



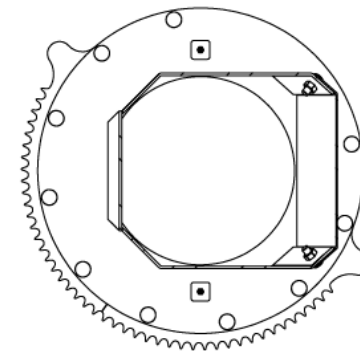
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK2002	Drum Spindle & Mount	1
2	LANCK2003	Drum Disc	1
3	LANCK2020	Blower Paddle - Standard Velocity	2
4	RED10BX	Key, Square - 3/8" x 2"	1
5	LANFLY41	HHCS - .75-10 X 1.5, GR. 8	6
6	REDWL58	LOCK WASHER - .75	6
7	LANF25Y6	HHCS - .625-11 X 1.5, GR. 8	18
8	REDB712	HHCS - .625-11 X 3, GR. 5	7
9	LANFR160	HHCS - .625-11 X 4, GR. 8	6
10	REDWL57	LOCK WASHER - .625	18
11	REDKRJF	TOP LOCK NUT - .625-11, GR. 5	13
12	LAN18A00	HHCS - 3/8 X 1, GR. 5	6
13	RED0DIT	TOP LOCK NUT - .375-16, GR. 5	6
14	LANCK2015	Hammer Mount Weldment	6
15	LANCK2019	Hammer Pin, CKB	6
16	LANCK2016	Hammer, CKB	60
17	LANCK2051	Hammer washers	36

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UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE ±.006 BEND TOLERANCE ±.006 MACHINING TOLERANCE ±.0005 COMMENTS DO NOT SCALE DRAWING	DRAWN BY	JESSE H	SIZE	B
	LAST SAVE	3/18/2025	DWG. NO.	LANCK22485
	PROJECT	Cracker/Blower	SCALE	1:10
	MATERIAL		WEIGHT	568.05
	FINISH		SHEET	5 OF 5

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	RED0DTT	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

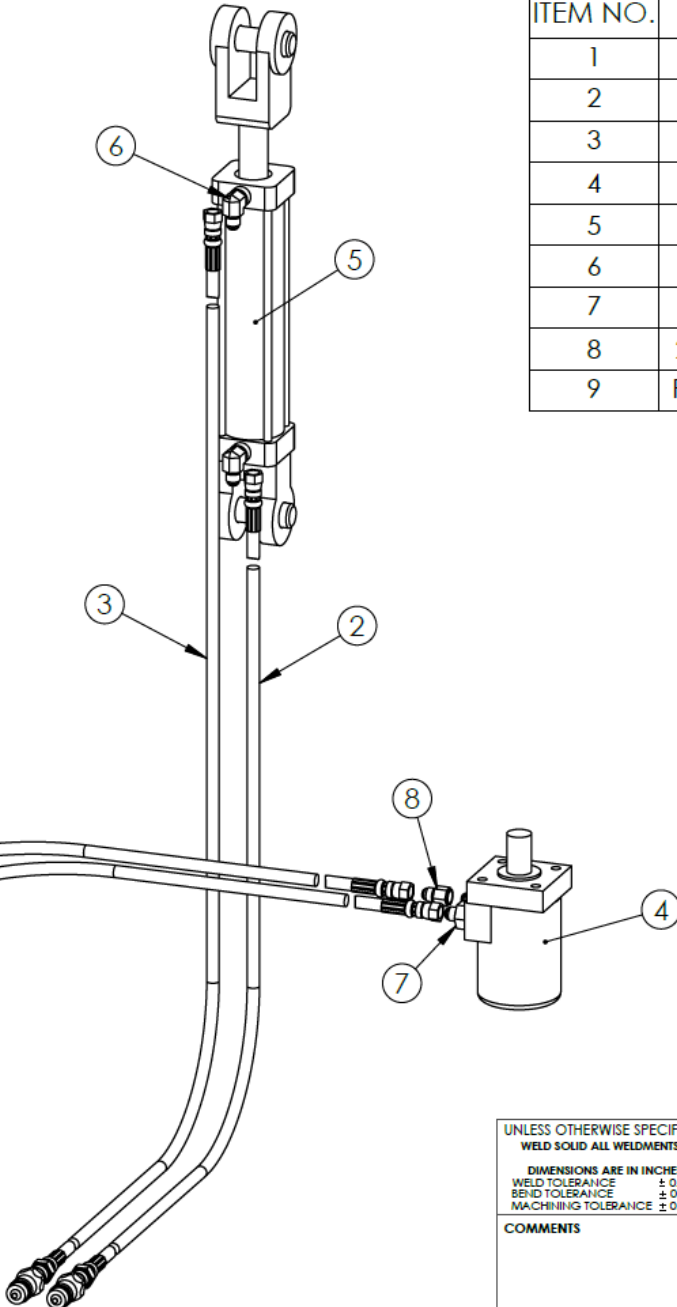


SECTION A-A

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UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDS DIMENSIONS ARE IN INCHES WELD TOLERANCE ± 0.06 BEND TOLERANCE ± 0.06 MACHINING TOLERANCE ± 0.005	DRAWN BY: JESSE H. CREATED: 4/21/2017 PROJECT: MATERIAL: FINISH:	SIZE: B DWG. NO.: LANCK17157SH SCALE: 1:7	REV:
COMMENTS: DO NOT SCALE DRAWING	WEIGHT: 111.61 SHEET 1 OF 1		

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

DO NOT SCALE DRAWING

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DRAWN BY

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

MATERIAL

FINISH

LANKOTA

TITLE:

SIZE
A

DWG. NO.

LANCKHYD1

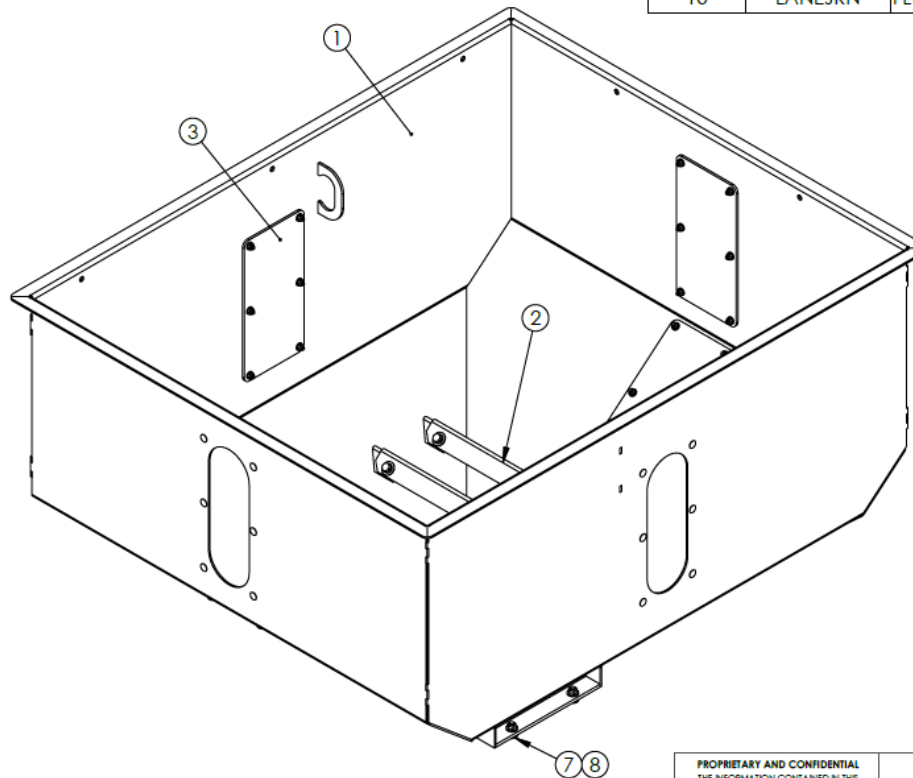
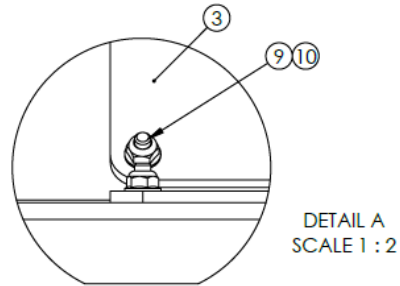
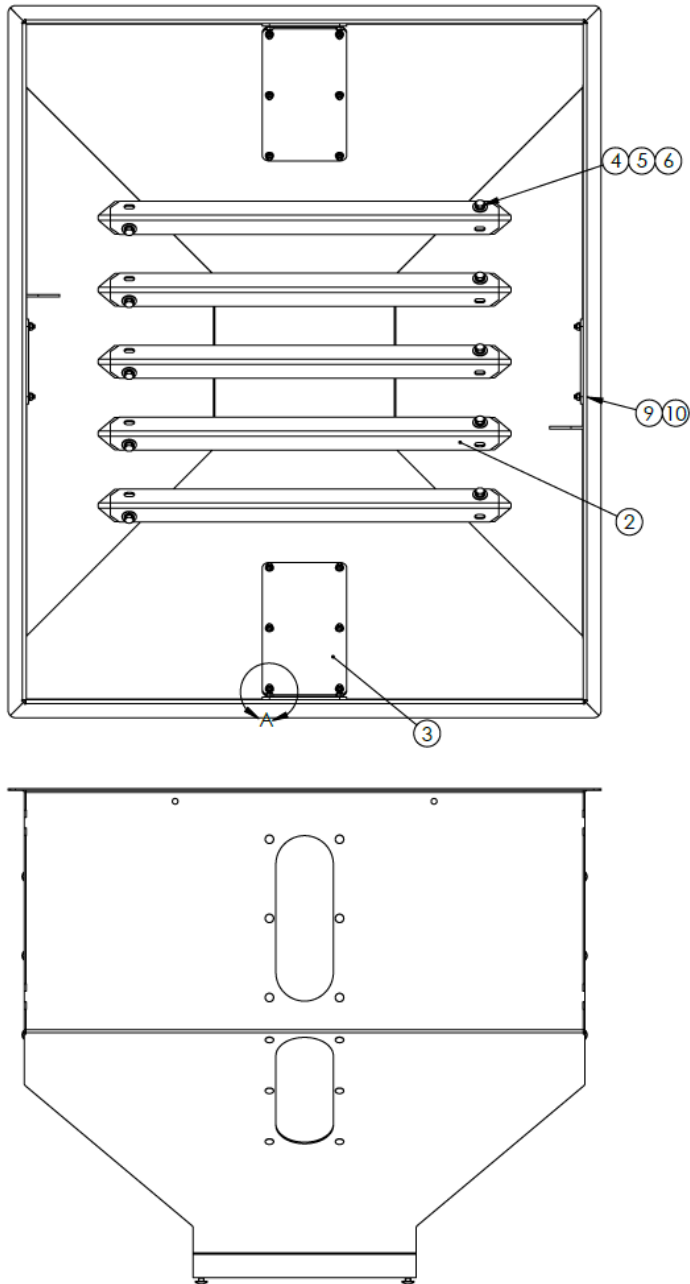
REV

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: S100 ALL WELDS
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:

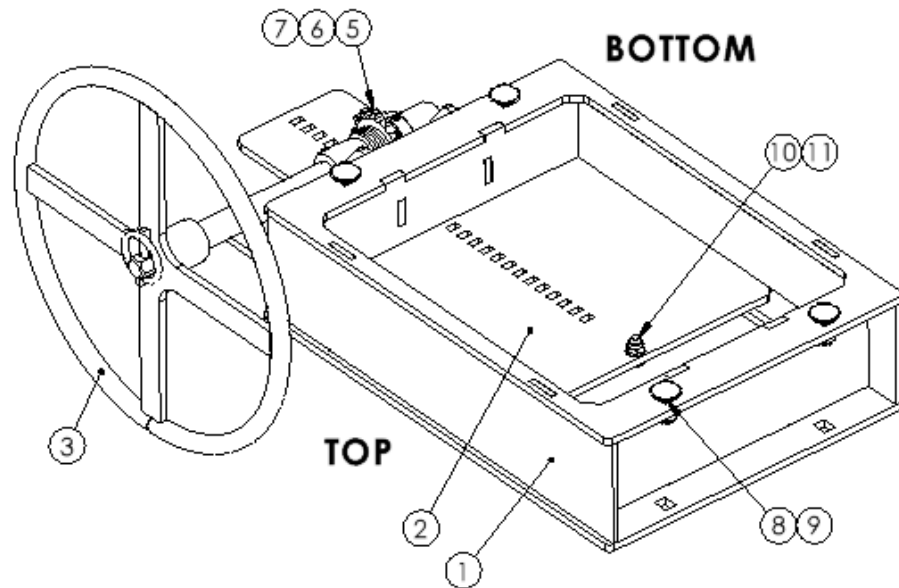
LANKOTA

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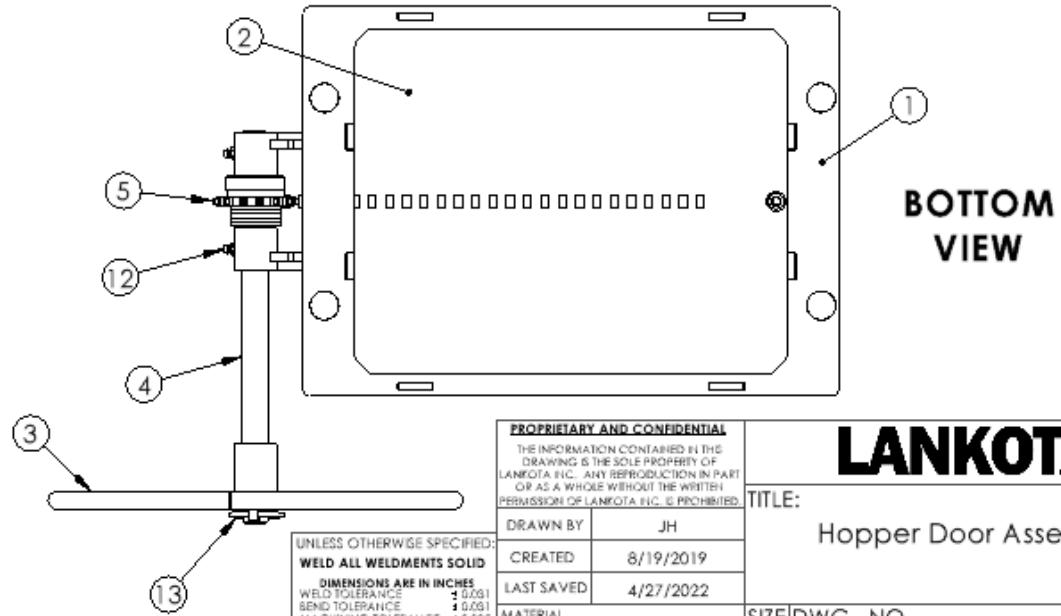
SIZE: B DWG. NO.: LANCK17157H REV: B

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 ± 0.001
BEND TOLERANCE ± 0.001
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

MATERIAL
FINISH

LANKOTA

TITLE:
Hopper Door Assembly

SIZE/DWG. NO.
A LANCK17157HD

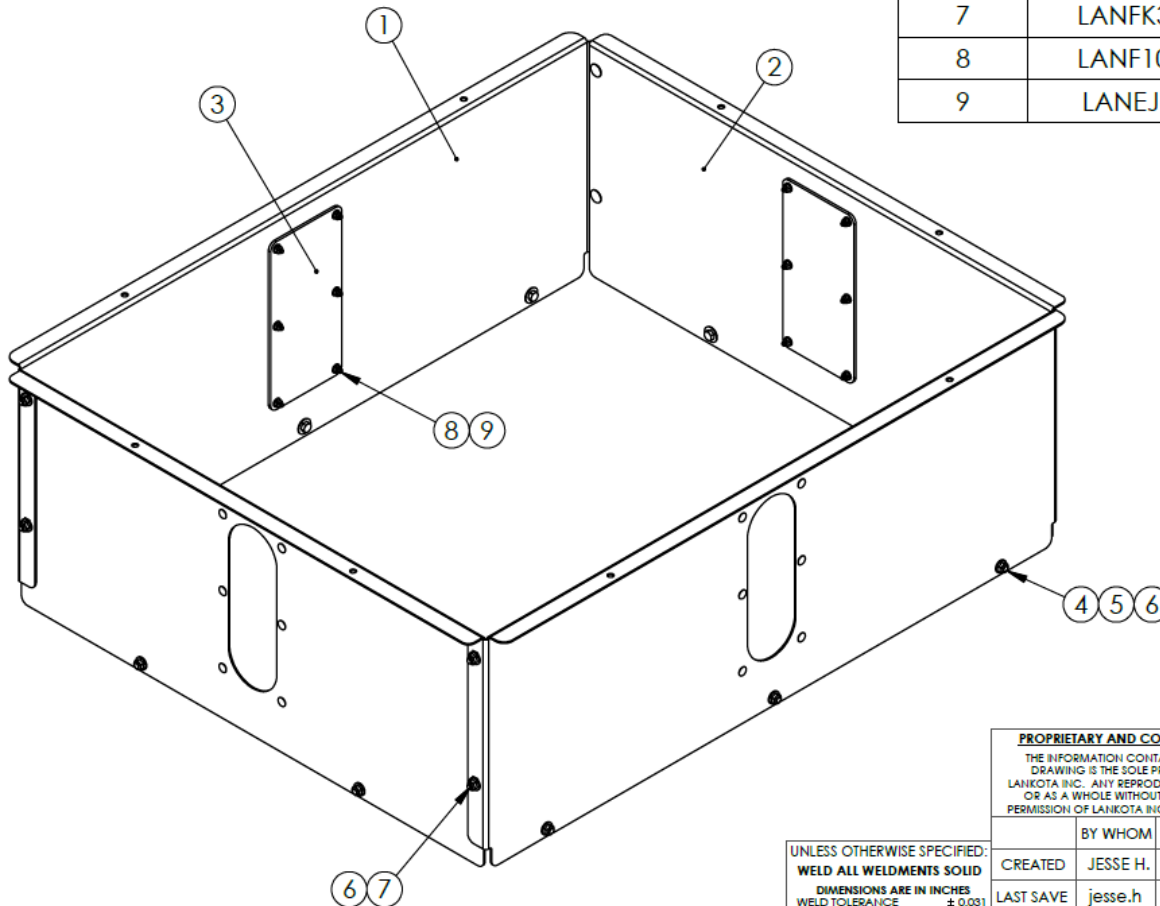
REV
A

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 ± 0.005

COMMENTS

DO NOT SCALE DRAWING

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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

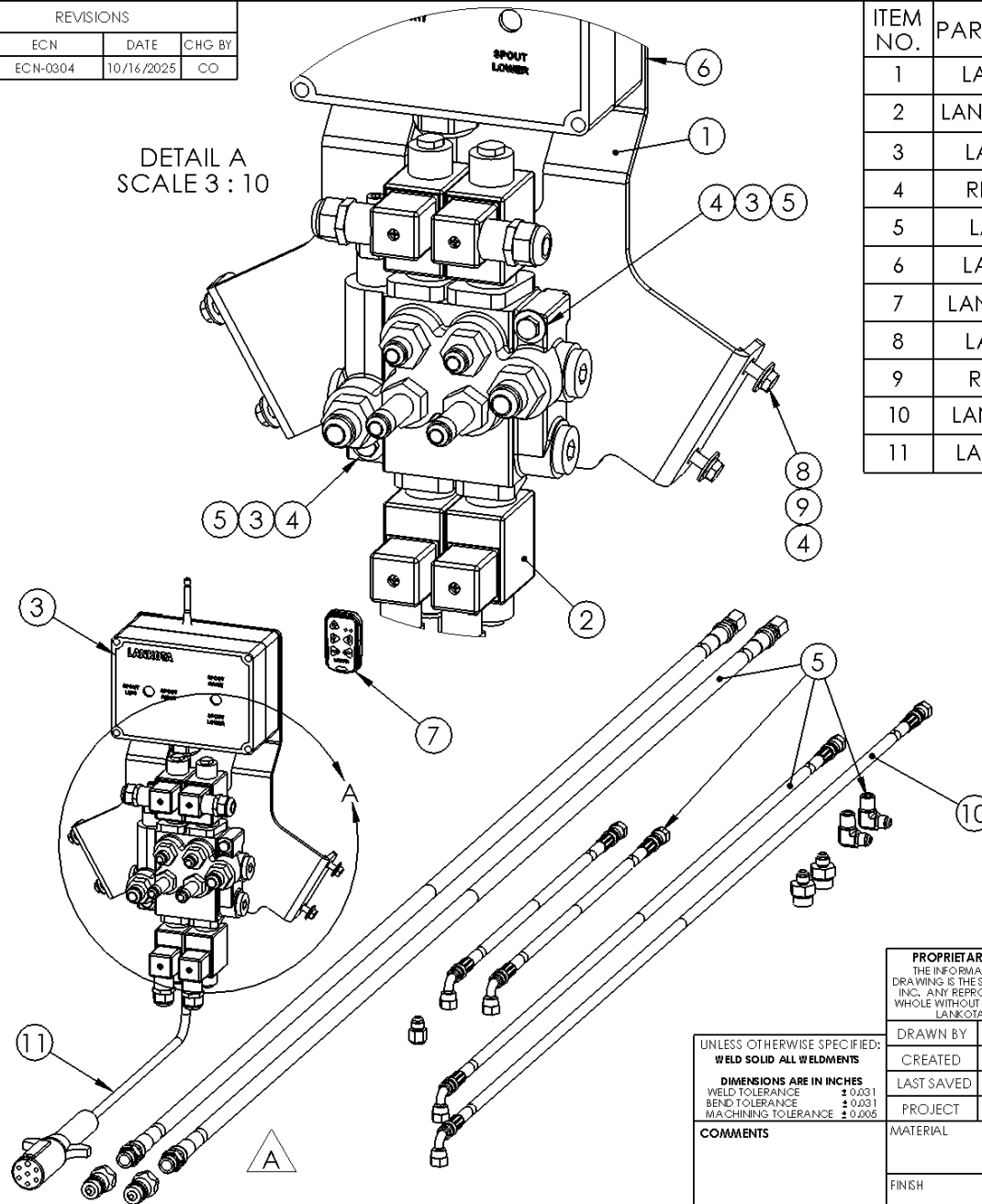
WEIGHT: 91.33

SHEET 1 OF 2

Wireless Remote for Chute Hydraulics

REVISIONS			
REV.	ECN	DATE	CHG BY
A	ECN-0304	10/16/2025	CO

DETAIL A
SCALE 3 : 10



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

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DRAWN BY	JH
CREATED	04/12/2022
LAST SAVED	10/16/2025
PROJECT	Hammer Mill

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

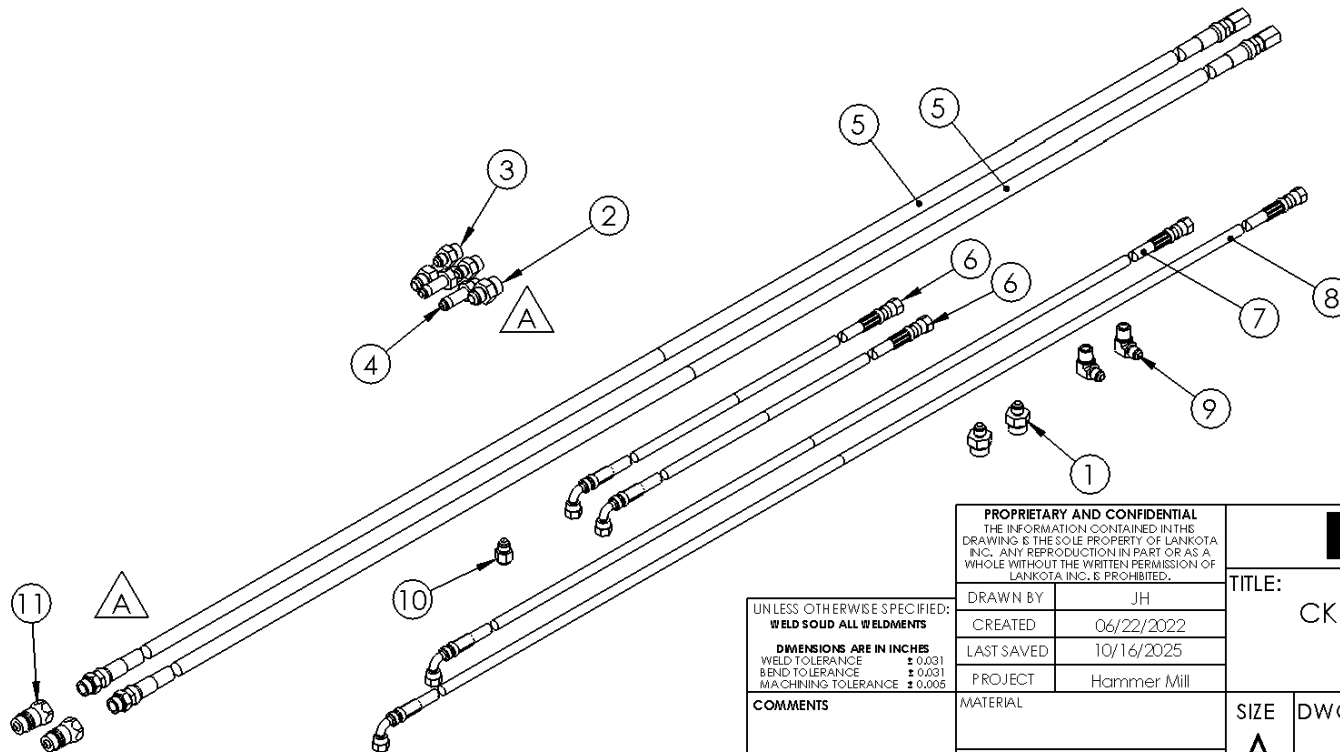
TITLE:
CK Remote Chute Hyd Kit

SIZE A	DWG. NO. LANCK23510	REV A
SCALE: 1:7	WEIGHT: 53.13	SHEET 1 OF 3

Wireless Remote for Chute Hydraulics—Continued

REVISIONS			
REV.	ECN	DATE	CHG BY
A	ECN-0304	10/16/2025	CO

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	6400-06-10	#6 Male JIC x #10 Male ORB - Straight	2
2	6400-08-10	#8 MALE JIC TO #10 MALE ORB - STRAIGHT	2
3	6400-06-08	#6 Male JIC x #8 Male ORB - Straight	2
4	6400L-06-08	#6 Male JIC x #8 Male ORB Long- Straight	2
5	LANCKH04	Hyd Hose, 1/2" x 76", #8 JIC-F x #8 ORB-M	2
6	LANCKH05	Hyd Hose, 1/4" x 21.5", #6 JIC-F x #6 JIC-F 90	2
7	LANCKH06	Hyd Hose, 1/4" x 50", #6 JIC-F x #6 JIC-F 90	1
8	LANCKH07	Hyd Hose, 1/4" x 61", #6 JIC-F x #6 JIC-F 90	1
9	2501-06-06	#6 Male JIC x #6 Male NPT - 90	2
10	2406-06-06 R.031	#6 JIC Male x Female - 1/32" Orifice	1
11	Pioneer 8010-15P	Male Quick Coupler - #8 Female ORB	2



UNLESS OTHERWISE SPECIFIED:
WELD SOLD ALL WELDMENTS

DIMENSIONS ARE IN INCHES
WELD TOLERANCE ± 0.031
BEND TOLERANCE ± 0.0031
MACHINING TOLERANCE ± 0.005

COMMENTS

DO NOT SCALE DRAWING

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DRAWN BY JH
CREATED 06/22/2022
LAST SAVED 10/16/2025
PROJECT Hammer Mill

MATERIAL
FINISH

LANKOTA

TITLE:

CK Remote Hyd Hose Kit

SIZE
A

DWG. NO.
LANCKHYD3

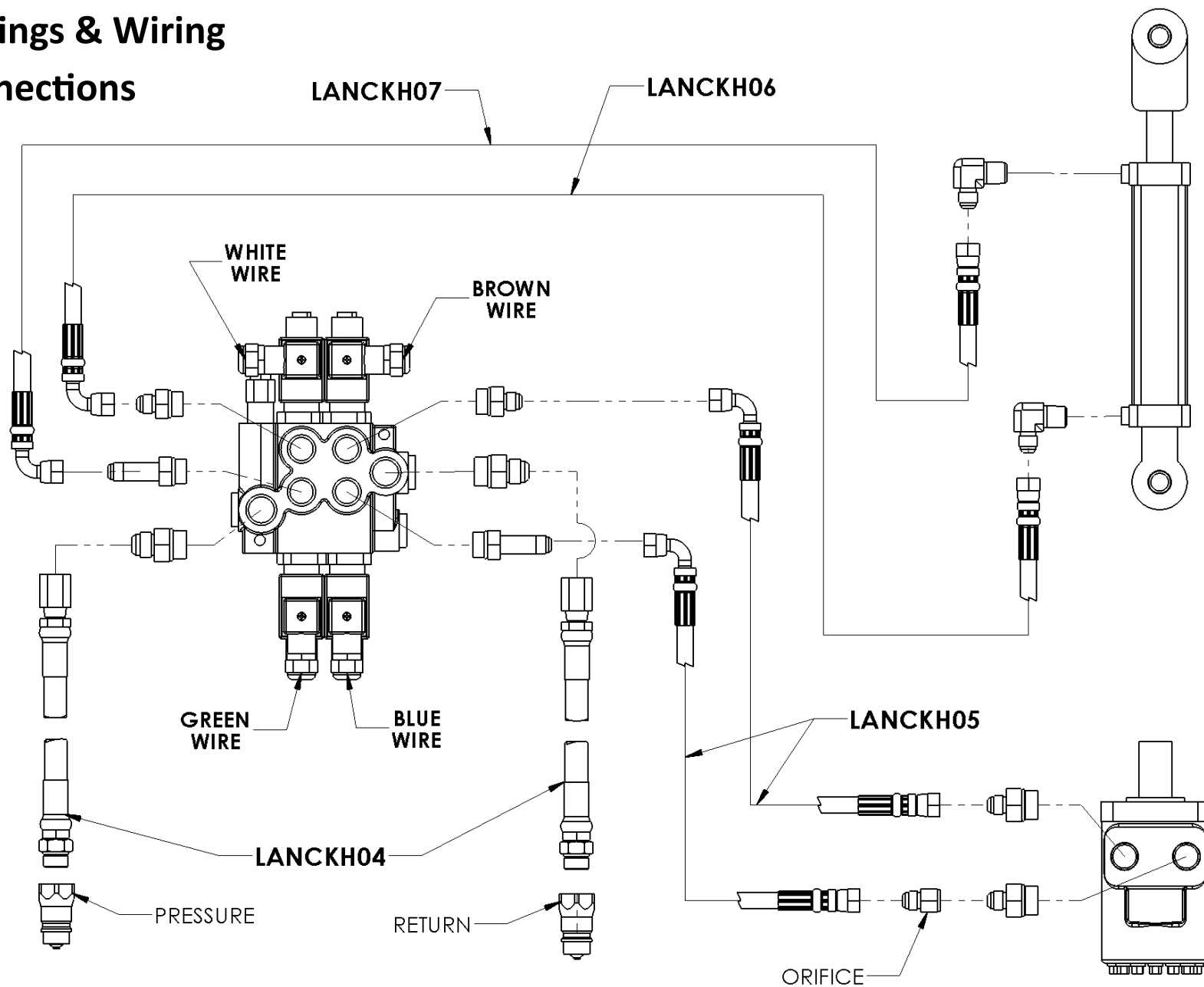
REV
A

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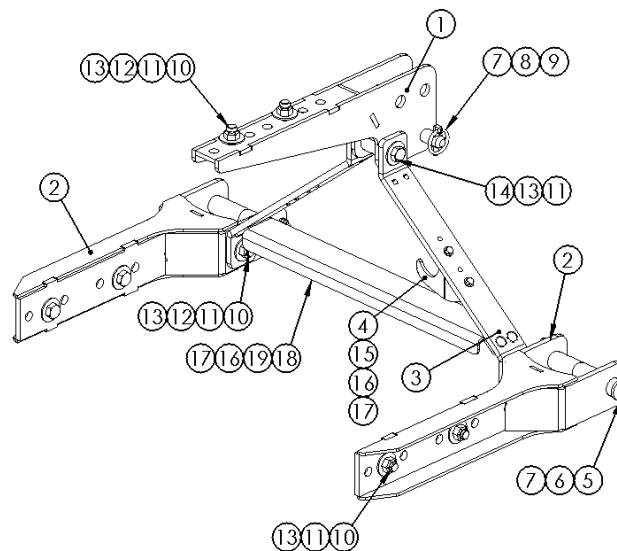
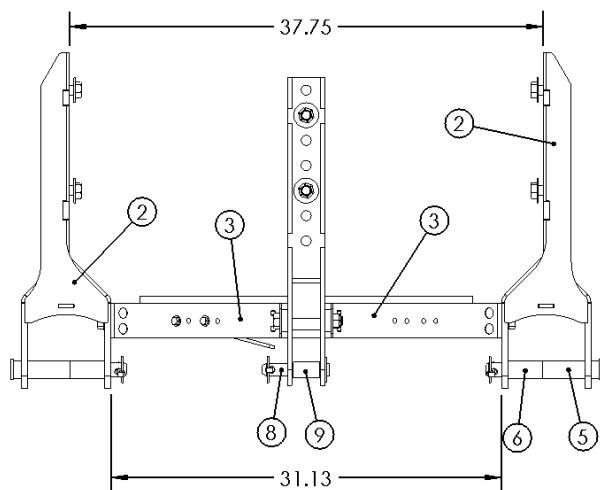
SHEET 1 OF 1

Wireless Remote for Chute Hydraulics—Continued

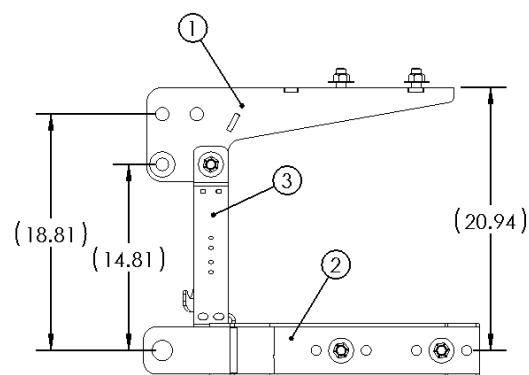
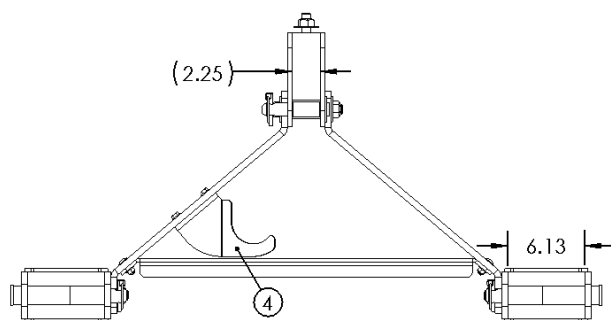
Hose, Fittings & Wiring Connections



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	RED-1000-3PT-0020	Cat. 2 & 3 Stepped Lower 3-Pt Pin	2
6	RED21197	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 - 3/8 x 1.25, GR. 5	2
16	LANFWS53	SAE FLAT WASHER - .375	8
17	REDODIT	TOP LOCK NUT - .375-16, GR. 5	6
18	LANCK13P5	3 POINT ARM STABILIZER	1
19	RED305K	CARRBLT - .375-16 X 1.25	4



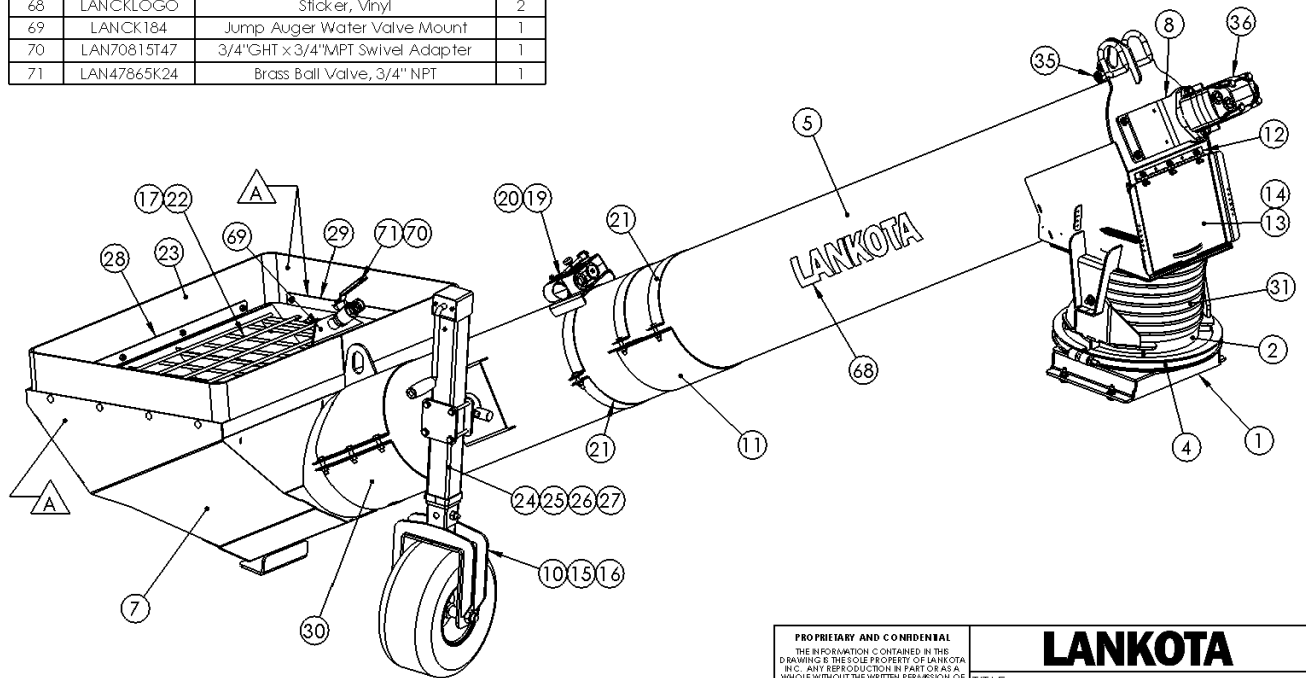
UNLESS OTHERWISE SPECIFIED: WELD: SOLID ALL WELDMENTS DIMENSIONS ARE IN INCHES WELD TOLERANCE ±0.06 BEND TOLERANCE ±0.06 MACHINING TOLERANCE ±0.002
COMMENTS
DO NOT SCALE DRAWING

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DRAWN BY	JH	SIZE	DWG. NO.
CREATED	01/01/2015	B	LANCK171573P
PROJECT		SCALE: 1:10	WEIGHT: 127.82
MATERIAL			
FINISH			
			SHEET 1 OF 1

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	LANCK141	Wheel Spacer	2
16	LANW30256	Flat-Free Wheel, 13.5in Dia	1
17	LANCK143	Grate Clamp	4
18	LANCK147	Cover, Hopper Cleanout	1
19	LANCKFC51	Flow Control Valve	1
20	LANCK151	Flow Valve Mount	1
21	LANCK152	Mounting Band	3
22	LANCK153	Grate, Jump Auger	1
23	LANCK157	Rubber Border, Hopper	1
24	LANCKJACK	Square Jack, HD	1
25	LANCK159	Jack Clamp Plate	1
26	LANCK160	Jack Swivel Mount	1
27	LANSS704	Stalk Stomper Pin Assembly - Bent	1
28	LANCK163	Trim, Hopper Border	2
29	LANCK164	Trim, Hopper Border	2
30	LANCK166	Hopper Tube Clamp	1
31	LANCK156	Flex Duct Transition	1
32	LANHK4X7	1/2" Wide Spout Clamp	2
33	LAN2072055A	Rnd Bearing, 1.25" w/ Eccentric Collar	2
34	LAN105	BEARING FLANGE	4
35	LANFTFK5	Cushion Loop Clamp - 7/8"	2
36	LANCK1671	Hyd Motor, 104-1671-006	1
37	RED56SS-C1	SPROCKET COUPLER 1.0" BORE 16T 50#	1
38	RED56SS-C2	SPROCKET COUPLER 1.25" BORE 16T 50#	1
39	RED56SS-C3	Sprocket Coupler - Chain, 16 Link, #50	1
40	LANFHMJ0N	Machine Key, 1/4" X 1.00"	1
41	LANCKHYD2	Jump Auger Hyd Kit	1
42	LANFB103	HHCS - .25-20 X 0.75, GR. 5	6
43	LANFB104	HHCS - .25-20 X 1, GR. 5	1
44	LANFB110	HHCS - .25-20 X 2.5, GR. 5	2
45	REDWU51	FLAT WASHER - .25	3
46	LANEJRN	FLG NYL NUT - .25-20, GR. 5	9
47	LAN22A32	HHCS - .5-13 X 1.5, GR. 5	2
48	REDB512	HHCS - .5-13 X 3, GR. 5	1
49	RED1F30	TOP LOCK NUT - .5-13, GR. 5	3
50	LANFB832	HHCS - .75-10 X 8, GR. 5	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
51	REDKRJG	TOP LOCK NUT - .75-10, GR. 5	1
52	LANFXG26	CARRBLT - .312-18 X .75	14
53	LAN204K	CARRBLT - .312-18 X 1	6
54	REDB206	HHCS - .312-18 X 1.5, GR. 5	6
55	LANFB214	HHCS - .312-18 X 3.5, GR. 5	4
56	LAN1133	FLAT WASHER - .312	12
57	LANFWS52	SAE FLAT WASHER - .312	8
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	REDB306	HHCS - 3/8 X 1.5, GR. 5	8
62	LANFB314	HHCS - 3/8 X 3.5, GR. 5	2
63	LAN18000	FLAT WASHER - 3/8	18
64	REDWL53	LOCK WASHER - .375	6
65	REDNAF3	HEX NUT - .375-16, GR. 5	6
66	LANFNW7G	FLG NYL NUT - .375-16, GR. 5	12
67	RED0DTT	TOP LOCK NUT - .375-16, GR. 5	8
68	LANCKLOGO	Sticker, Vinyl	2
69	LANCK184	Jump Auger Water Valve Mount	1
70	LAN70815T47	3/4"GHT x 3/4"MPT Swivel Adapter	1
71	LAN47865K24	Brass Ball Valve, 3/4" NPT	1

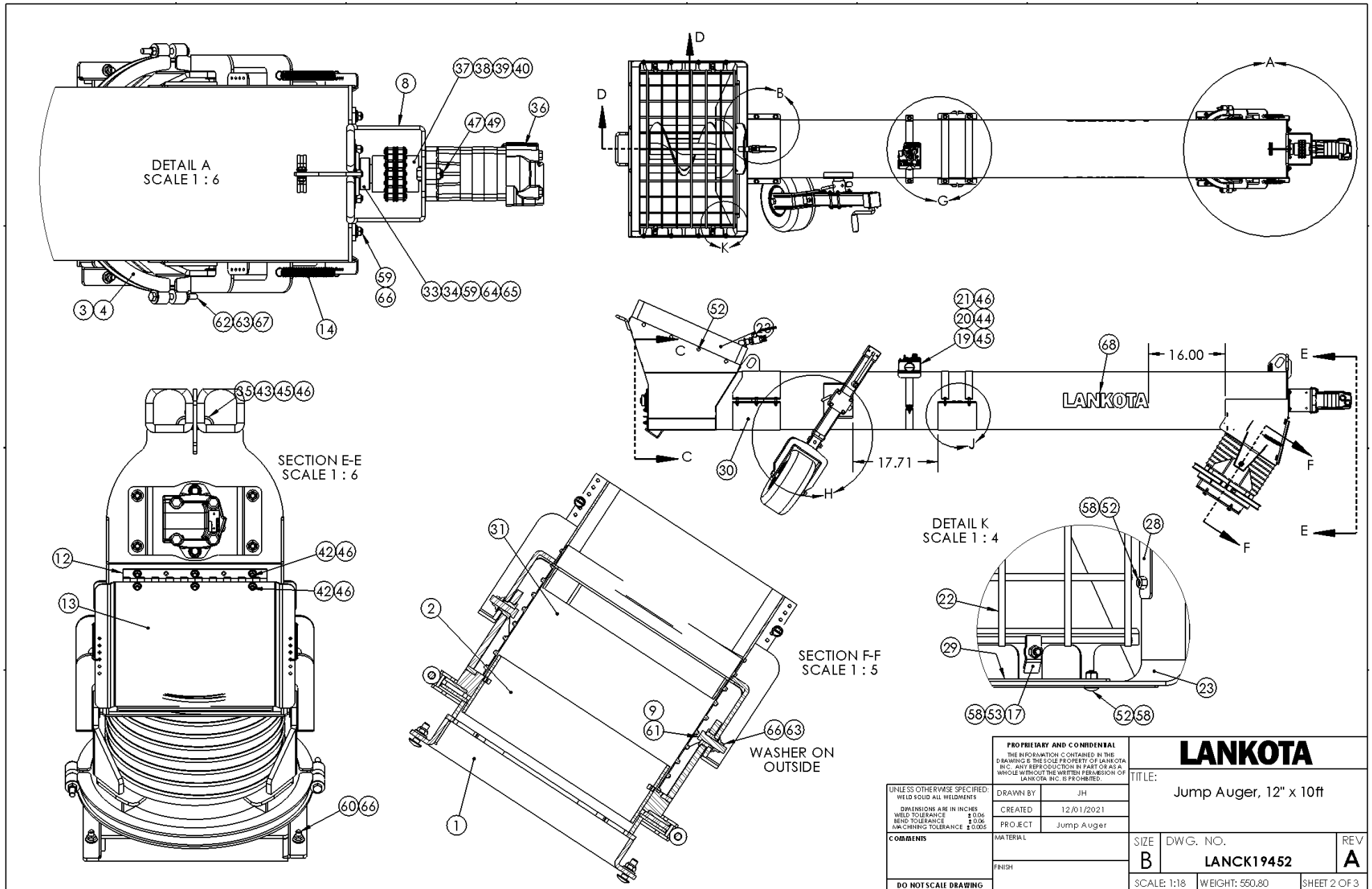


UNLESS OTHERWISE SPECIFIED:
WELD SOLID ALL WELDMENTS
DIMENSIONS ARE IN INCHES
WELD TOLERANCE ±0.06
BEND TOLERANCE ±0.06
MACHINING TOLERANCE ±0.005

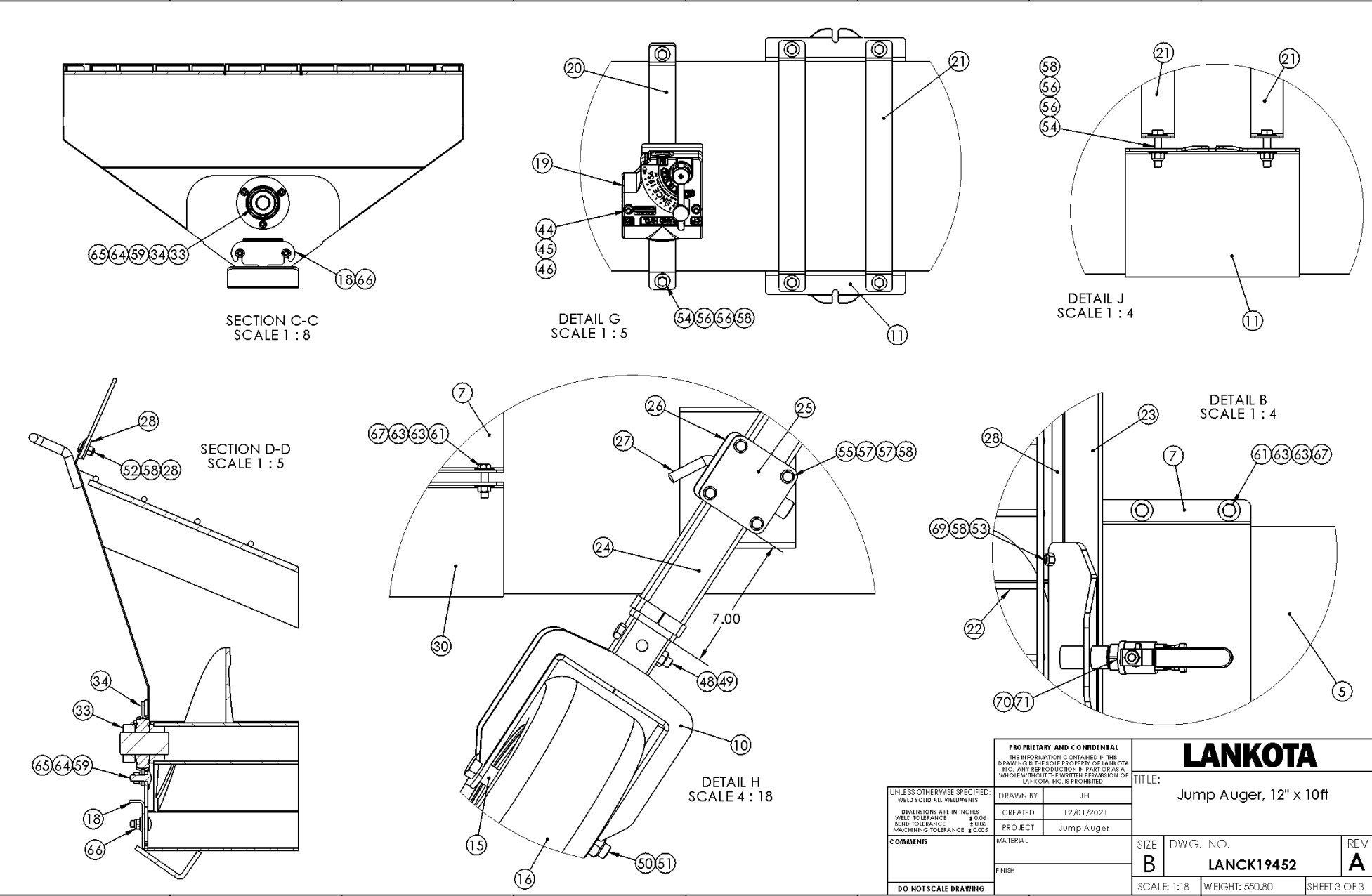
COMMENTS
DO NOT SCALE DRAWING

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DRAWN BY	JH	SIZE	B
CREATED	12/01/2021	DWG. NO.	LANCK19452
PROJECT	Jump Auger	REV	A
MATERIAL		SCALE	1:12
FINISH		WEIGHT	550.80
		SHEET 1 OF 3	

Jump Auger—Continued

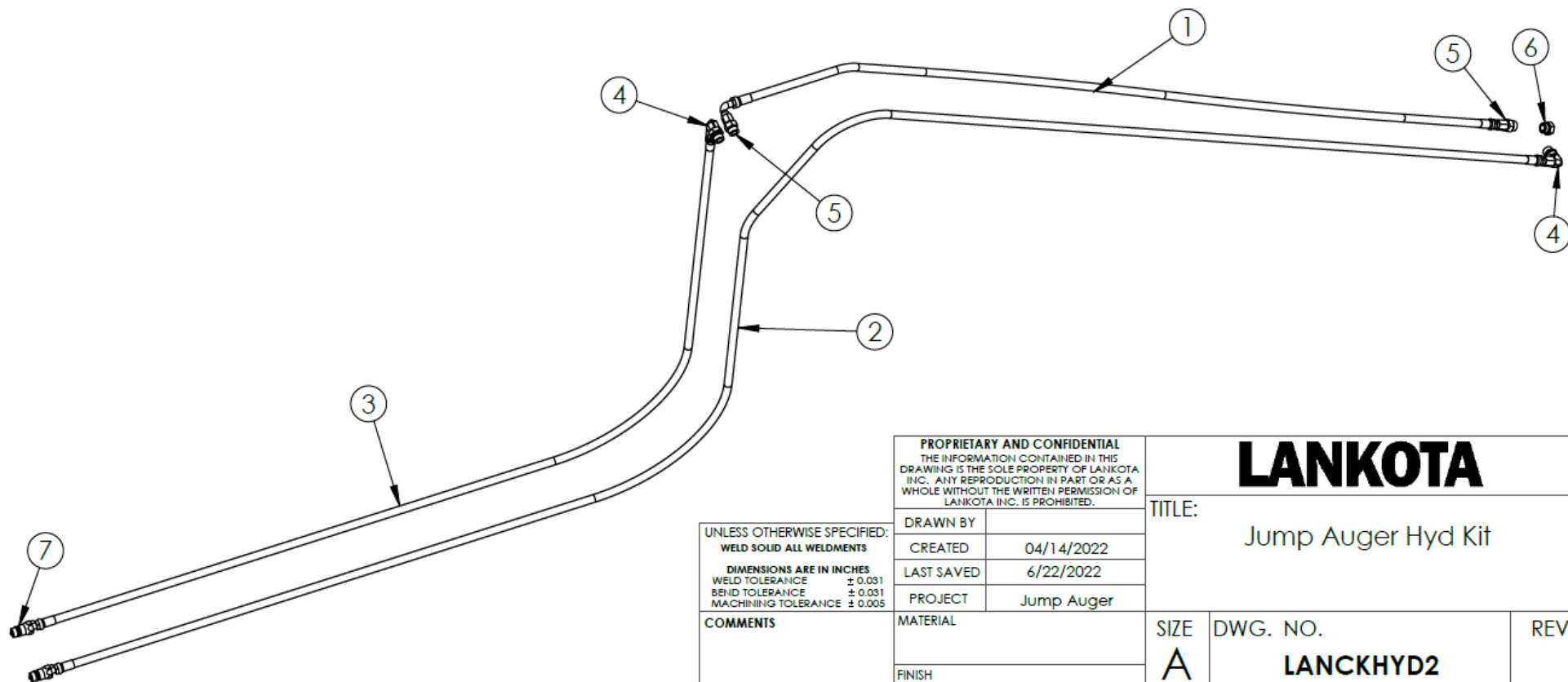


Jump Auger—Continued



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

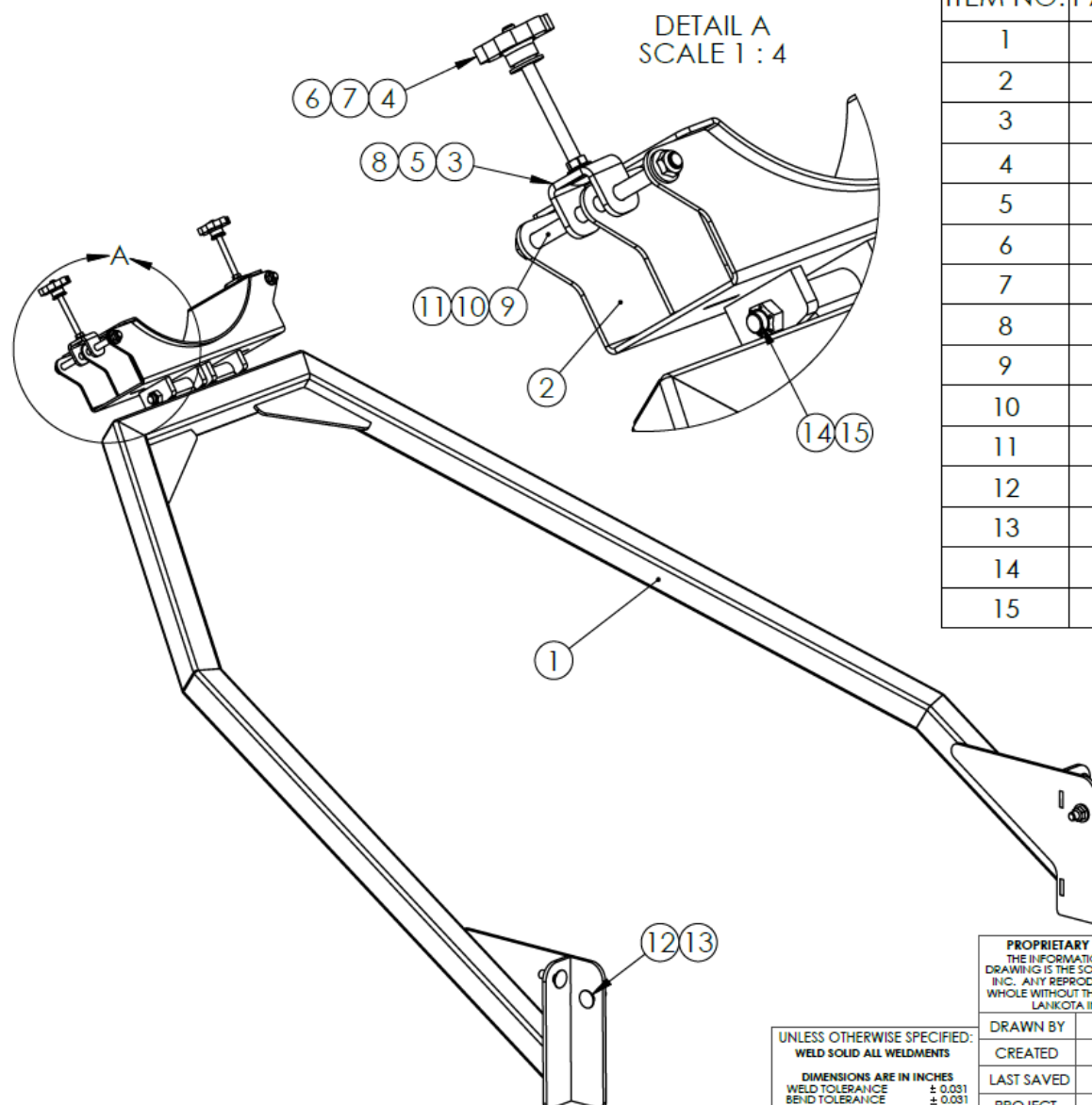


UNLESS OTHERWISE SPECIFIED: WELD SOLID ALL WELDMENTS
DIMENSIONS ARE IN INCHES WELD TOLERANCE ± 0.031 BEND TOLERANCE ± 0.031 MACHINING TOLERANCE ± 0.005
COMMENTS
DO NOT SCALE DRAWING

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DRAWN BY	
CREATED	04/14/2022
LAST SAVED	6/22/2022
PROJECT	Jump Auger
MATERIAL	
FINISH	

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

Auger Support



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LANCK2028	Jump Auger Stow Support	1
2	LANCK139	Jump Auger Storage Rest	1
3	LANCK165	Auger Tie-Down 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 - 5/16	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	LAN506K	CARRBLT - .5-13 X 1.5	4
13	LANFNXC1	FLG NYL NUT - .5-13, GR. 5	4
14	LANFB530	HHCS - .5-13 X 7.5, GR. 5	1
15	RED1F30	TOP LOCK NUT - .5-13, GR. 5	1

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 12/08/2022

LAST SAVED 6/2/2023

PROJECT Jump Auger

MATERIAL

FINISH

LANKOTA

TITLE:

Auger Stow Support Kit, Gen 2

SIZE

A

DWG. NO.

LANCK22131

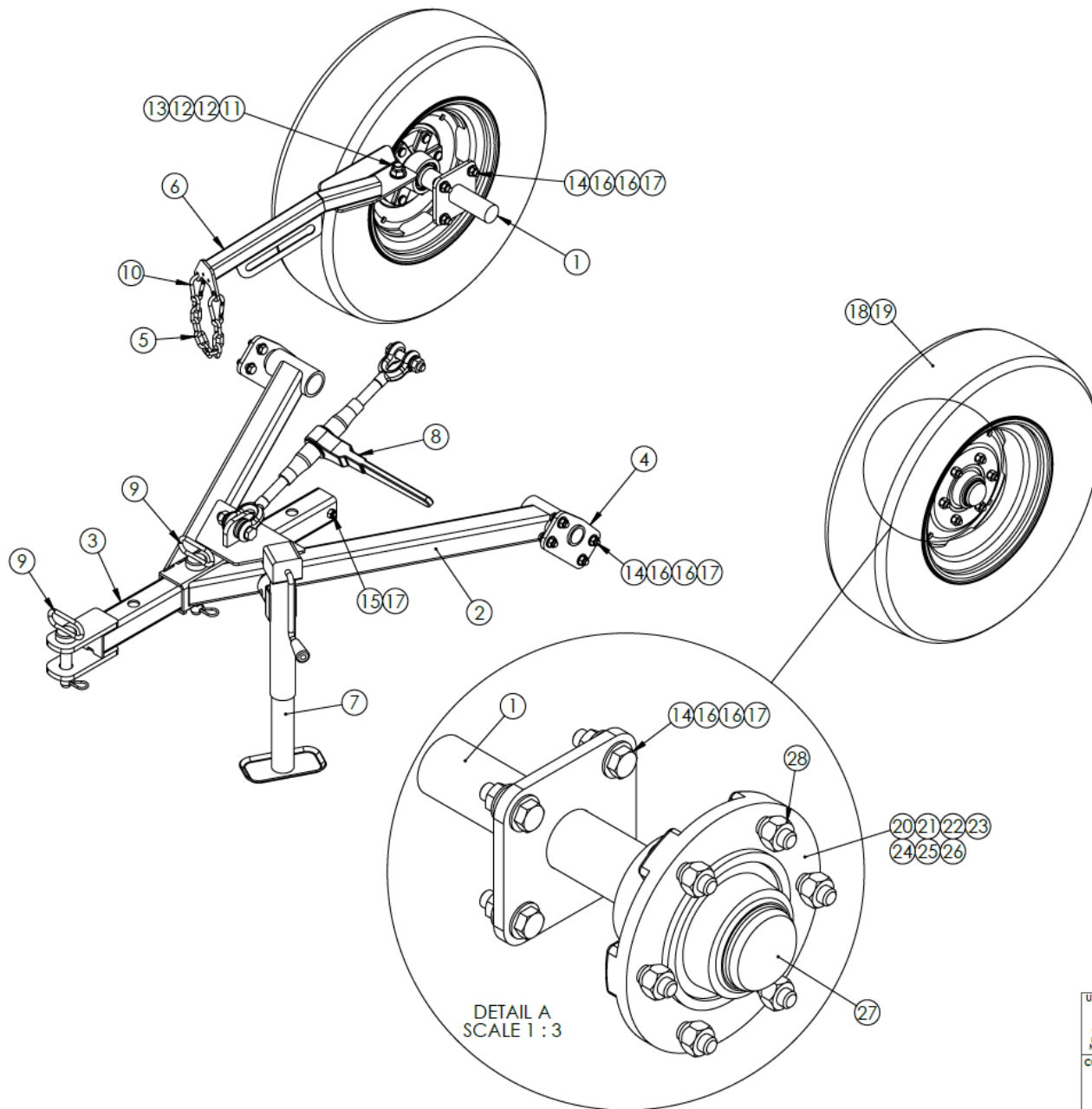
REV

SCALE: 1:10

WEIGHT: 52.18

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	LANBBJACK	JACK - REESE WELD ON, 2000# CAP.	1
8	LANCBRSJJ10	Ratchet Binder, 10", Jaw-Jaw	1
9	LANHH20253	Hitch Pin, 1.00" x 4.50"	2
10	LANFHG3	5/16" Carabiner, Zinc	2
11	REDB807	HHCS - .75-10 X 1.75, GR. 5	1
12	LANFWS58	SAE FLAT WASHER - .75	2
13	REDKRJG	TOP LOCK NUT - .75-10, GR. 5	1
14	LAN22A32	HHCS - .5-13 X 1.5, GR. 5	16
15	REDB512	HHCS - .5-13 X 3, GR. 5	1
16	LANFWS55	SAE FLAT WASHER - .5	32
17	RED1F30	TOP LOCK NUT - .5-13, GR. 5	17
18	LAN4901556	Rim, 15x6, 6 on 6"	2
19	LAN225-75R15	Tire, 275/75R15	2
20	LAN281021	Hub, Trailer	2
21	LAN906295	Seal, Spindle/Hub 281020	2
22	LANLM48548	Bearing, Inner, 281021 Hub	2
23	LANLM67048	Bearing, Outer, 281021 Hub	2
24	REDWU58	FLAT WASHER - 3/4	2
25	LANF912953	Slotted Nut, 3/4"-16	2
26	LANF01F0	COTTER PIN - .1875 X 2	2
27	LANP502026	Dust Cover, Hub L256313	2
28	LANFNTM0	1/2"-20, 60 Deg. Gr 2 Lug Nut	12

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		DRAWN BY JESSE H CREATED 12/08/2022 PROJECT Cracker/Blower		Trailer Kit, Gen 2	
COMMENTS		MATERIAL		SIZE B	
		FINISH		DWG. NO. LANCK22711	
DO NOT SCALE DRAWING				SCALE: 1:10 WEIGHT: 261.75 SHEET 1 OF 1	