

LANAUG702K

Installation Instructions

Unloading Auger Extension with “Grain Saver” Door for John Deere Combines

COMBINE MODELS: 6620 TO 9750

LANKOTA[®]

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Huron, SD 57350

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Numerical Parts List

Part Numbers	Description	Qty
LANAUG2005	Auger Tube Black for JD	1
LANAUG2001M	Main Body Tube-Modified	1
LANAUG2004C	Auger Flighting	1
LANH217334	Spring for Grain Saver	2
LAN1616*	5/16" Nyloc Nut	20
LAN4A16A16*	5/16" x 1-1/4" Carriage Bolt	3
LAN93314A*	1/4" x 1" Self Tapping Hex Bolt	4
LAN3B16A16*	5/16" x 1-1/4" Bolt	16
LAN52MM3ZP*	Bearing Flange	2
LAN1133*	5/16" Washer	33
LANF103K*	1/4" x 3/4" Carriage Bolt	1
LANEJRN*	1/4" Flanged Nyloc Nut	1
LANMOU20516GSA*	Bearing w/ Lock Collar	1
LANAUG2006L	1/4" Auger Flighting Spacer-JD	1

**included in bag of hardware*

Note: The Lankota bearing (LANMOU20516GSA) can be replaced with a John Deere bearing and lock collar (Part Numbers: JD8665 & JD8554 respectively) if it ever goes out.

WARRANTY STATEMENT: LANKOTA WARRANTY ONLY COVERS PRODUCTS PRODUCED BY LANKOTA AND DOES NOT COVER PARTS MADE AND/OR SOLD BY AFTERMARKET MANUFACTURERS, OR THE ORIGINAL MANUFACTURER, OR THAT WERE PART OF THE ORIGINAL EQUIPMENT'S CONSTRUCTION.

Pictorial Parts List

			
LANAUG2005 (1)	LANAUG2001M (1)	LANMOU20516GSA (1)	LAN52MM3ZP (2)
			
LANAUG2004C (1)	LAN1616 (20)	LAN4A16A16 (3)	LANH217334 (2)
			
LAN933314A (4)	LAN3B16A16 (16)	LAN1133 (33)	
			
LANAUG2006L (1)	LANF103K(1)	LANEJRN(1)	

Kit Installation

Refer to Figures 1 & 2

1. Remove end cap, spout and bearing from existing auger.

NOTE: When removing the bearing, do not pull the auger off of 90 degree gear box as this will add more time to install and will require removing the auger and retiming with vertical auger. If you do pull the auger out, remove inspection door near the elbow and mark the alignment of the two augers.

2. Slide the flighting (LANAUG2004C) onto the auger shaft allowing 1/2" clearance so flighting does not rub on bearing flange (Figure 2). There will be some over lapping of the existing flighting. Make sure new flighting overlaps on the proper side of original flighting to ensure a smooth flow of grain. (If there is a gusset on the end, cut it off.) Weld flighting to auger tube and existing flighting. Spiral spacer (LANAUG2006L) is provided to be placed between auger flighting and auger tube before welding, if needed.

NOTE: This is only used on some earlier model combines that have a smaller diameter shaft than most models.

3. Slide Auger Extension Tube (LANAUG2001M) over flighting until the bearing mount sits over the auger end-shaft and 1/2" from flighting tube. Secure with (10) 5/16" hex bolts (LAN3B16A16), washers (LAN1133) and nyloc nuts (LAN1616) along the top of extension tube.

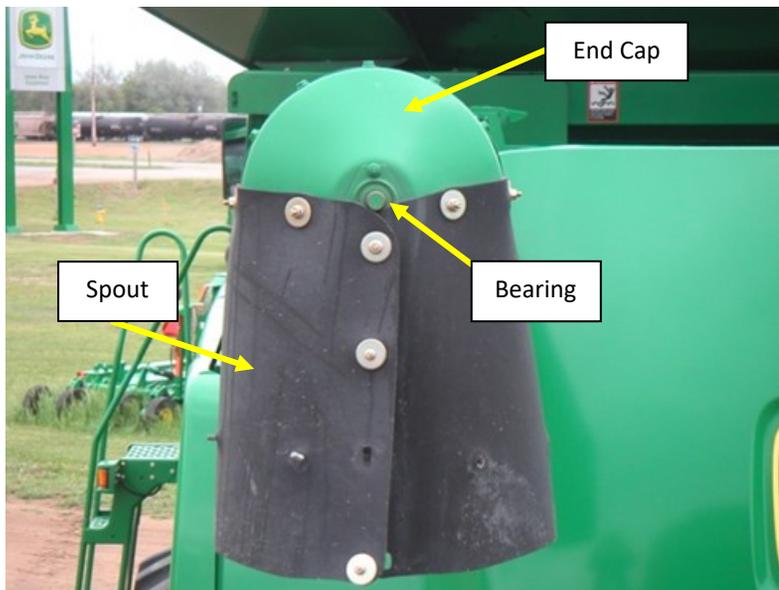


Figure 1



Figure 2

Kit Installation

Refer to Figures 3 & 4

4. Install Bearing & Locking Collar (LANMOU20516GSA) on the end of the auger shaft, using the 2 Bearing Flanges (LAN52MM3ZP) and three 5/16" Carriage Bolts (LAN4A16A16) And Lock Nuts (LAN1616) provided. Secure locking collar in place after carriage bolts are tight.
5. Install provided spring through stationary mount; two springs are provided, one for a spare if needed. Install other end of spring on the traveling arm. Several attachment holes are available so you can set the desired tension on the door.



Figure 3



Figure 4

Kit Installation

Refer to Figure 5 & 6

- Slide spout (LANAUG2005) over lapping end by 1-1/4" and align so end points straight down. It may be possible that you will have to notch out the spout or the moving shaft on the flapper door. Mark through carriage bolt hole in bottom of green extension. Remove spout and drill at mark with 5/16" drill bit. Fasten spout (ONLY AROUND THE TOP HALF OF TUBE AVOIDING CONTACT WITH MOVEMENT OF SPRING LOADED DOOR) by using four self-tapping screws (LAN93314A) along with eight washers (LAN1133) through the spout and metal right (drill pilot holes if necessary). Install carriage bolt (LANF103K) down through the square hole in bottom of ring through black to secure bottom half of spout. The "moon" shaped cut out in the bottom of the grain saver door should float just over the head of the bolt. Secure the bolt with washer (LAN1133) and flanged nyloc nut (LANEJRN).

Figure 5

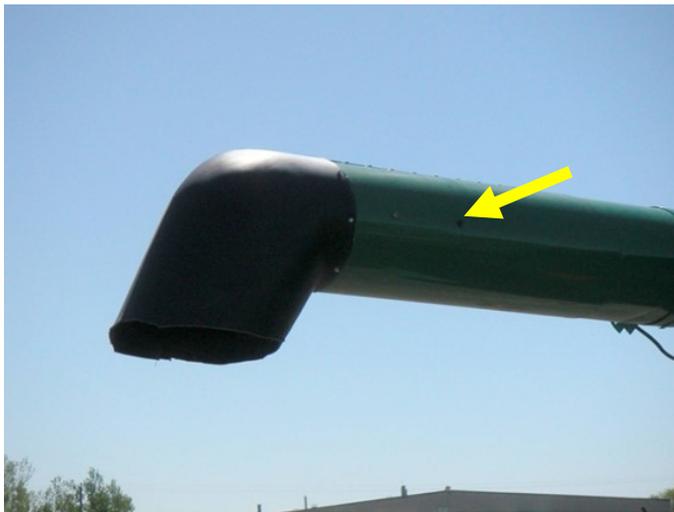
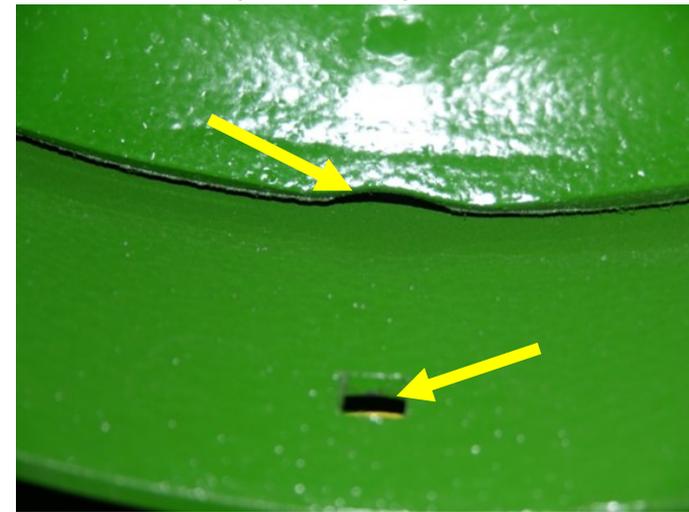


Figure 6



**For more technical information,
call Lankota at 1-866-526-5682**