

LANAUG1135K

Installation Instructions

NON HUR Unloading Auger Extension for John Deere® 60 series & newer Combines

**** FOR NON HIGH UNLOAD RATE AUGERS ONLY ****

LANKOTA®

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Numerical Parts List

<i>Part Numbers</i>	<i>Description</i>	<i>Quantity</i>
LANAUG129W	Extension Tube	1
LANAUG137W	Saddle Tube	1
LANAUG152W	Auger Flighting Extension Weldment	1
LANAUG160W	Bearing Hanger	1
LANAUG144	Access Cover	1
LANMOU20516GSA*	Bearing w/ Lock Collar	1
LAN52MM3ZP*	Bearing Flange	2
LAN4A16A16*	5/16"-18 x 1-1/4" Carriage Bolt	3
LAN1616*	5/16"-18 Nylon Lock Nut	3
RED305K*	3/8"-16 x 1-1/4" Carriage Bolt	10
LAN3718*	3/8"-16 Serrated Lock Nut	14

**included in bag of hardware.*

Pictorial Parts List

 <p>LANAUG129W (1)</p>	 <p>LANAUG137W (1)</p>	 <p>LANAUG152W (1)</p>	 <p>LANAUG160W (1)</p>
 <p>LAN52MM3ZP (2)</p>	 <p>LANMOU20516GSA (1)</p>	 <p>RED305K (10)</p>	 <p>LANAUG144 (1)</p>
 <p>LAN1616 (3)</p>	 <p>LAN4A16A16 (3)</p>	 <p>LAN3718 (14)</p>	

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.

1. Auger Extension Kit

Refer to Figure 1.1

- 1.1 Remove the plastic spout and factory grain saver door from the existing auger tube.
- 1.2 Retain all hardware for re-use later in the installation.
- 1.3 The factory bearing hanger and its hardware should remain fastened to the existing auger tube.

Figure 1.1



Refer to Figure 1.2 & 1.3

1.4 Slide the auger Saddle Tube (LANAUG137W) over the existing auger tube and temporarily secure with one 3/8" carriage bolt and serrated lock nut. Note in figure 1.2 that there are slots for the existing bearing hanger bolts to fit through on each side.

1.5 Slide the auger Extension Tube (LANAUG129W) into the auger saddle tube and align with the access door. Install an additional seven 3/8" carriage bolts and serrated lock nuts along the top rib of auger saddle tube. Tighten all hardware.

1.6 Install the Auger Flighting Extension Weldment (LANAUG152W) through the auger extension tube and align with the male hex shaft on the end of the existing auger. Use the access door on the side for assistance to lift and align the flighting extension.

Timing auger extension: The new flighting should **trail** the existing flighting by 90 – 180 degrees.

Note: See Figure 1.3 for an example of flighting trailing by 120 degrees.

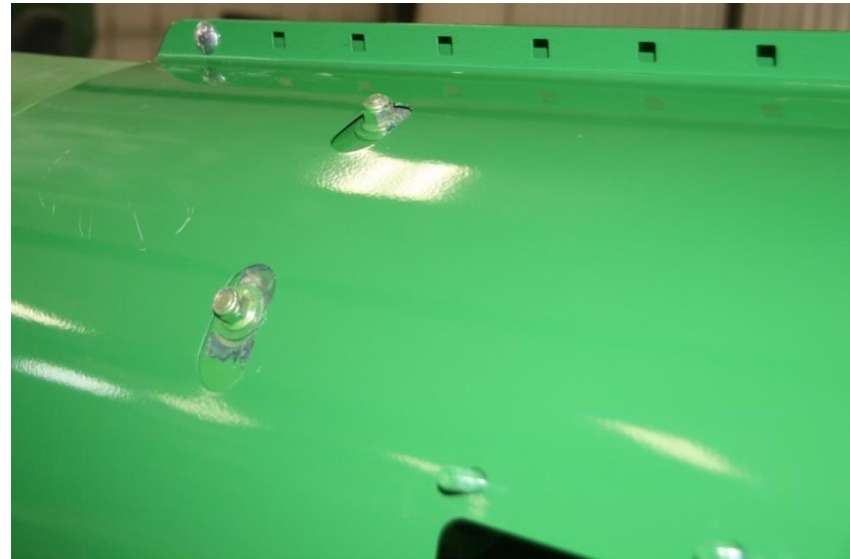


Figure 1.2



Figure 1.3

Refer to Figure 1.4 & 1.5

- 1.1 Install the Bearing Hanger (LANAUG160W) inside the auger extension tube. Note the positioning of the bearing hanger as shown in Figure 1.4. Secure bearing hanger to tube using two of the (RED305K) Carriage Bolts & two of the (LAN3718) Lock Nuts. Tighten all hardware. Support the end of auger flighting extension weldment to the bearing hanger with Bearing (LANMOU20516GSA) and Bearing Flanges (LAN52MM3ZP). Install the bearing onto the outer side of the bearing hanger and secure with three 5/16" carriage bolts and nylon lock nuts. Tighten all hardware. **Tighten both set screws on the bearing lock collar.**
- 1.2 Install Access Cover (LANAUG144) and secure with four 3/8" serrated lock nuts as shown in figure 1.5.
- 1.3 Install the Lankota Grain Saver door kit (LANAUG1135GS) as supplied in a separate kit. Refer to the installation instructions as supplied with the kit.

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



Figure 1.4



Figure 1.5