

LANTS24612

Installation Instructions

Auger Extension for 14" Diameter CASE IH Combine Augers

7010 & 8010: 2006 & OLDER, 5088-9240: 2009 & NEWER Combines

NOTE: DOES NOT WORK ON COMBINES WITH ADJUSTABLE UNLOADING AUGER SPOUT!

LANKOTA®

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Numerical Parts List

Part Numbers	Description	Quantity
LANAUGCIH1401BLK	Saddle Tube	1
LANAUGCIH1402BLK	Bearing Hanger	1
LANSA206	30mm Bearing	1
RED305K	3/8"-16 x 1-1/4" Carriage Bolt	12
LAN204K	5/16" -18 x 1" Carriage Bolt	6
LAN3718	3/8"-16 Serrated Lock Nut	3
LANNAS2	5/16"-18 Serrated Lock Nut	6
LANAUGCIH1403	Weld on Flighting	1
LAN1618000	3/8"-16 Nylon Lock Nut	9
RED34012	Bearing Flange	2

Pictorial Parts List

				
LANAUGCIH1401BLK (1)	LANCAUGCIH1402BLK (1)	LANSA206 (1)	RED305K (12)	LAN204K (6)
				
LAN3718 (3)	LANNAS2 (6)	LANAUGCIH1403 (1)	LAN1618000 (9)	RED34012 (2)

Installation

Refer to Figures 1.1 and 1.2

CAUTION: IN THE FOLLOWING STEPS, BE SURE NOT TO PULL THE FACTORY AUGER OUT TOWARD THE REAR OF THE COMBINE. THIS CAN CAUSE THE AUGER TO BE PULLED OUT OF THE SPLINE COUPLER NEAR ITS ROTATION POINT. SOME COMBINES ARE NOT EQUIPPED WITH AN INSPECTION DOOR AT THIS LOCATION AND THIS WILL RESULT IN SIGNIFICANTLY MORE TIME RE-INSTALLING AND TIMING THE AUGER.

1.1 Remove the rubber boot, cap, bearing, and grain saver door from the end of the factory auger tube.

{ Figure 1.1 }



{ Figure 1.2 }



Installation

Refer to Figures 2.1 and 2.2

CAUTION: IN THE FOLLOWING STEPS, BE SURE NOT TO PULL THE FACTORY AUGER OUT TOWARD THE REAR OF THE COMBINE. THIS CAN CAUSE THE AUGER TO BE PULLED OUT OF THE SPLINE COUPLER NEAR ITS ROTATION POINT. SOME COMBINES ARE NOT EQUIPPED WITH AN INSPECTION DOOR AT THIS LOCATION AND THIS WILL RESULT IN SIGNIFICANTLY MORE TIME RE-INSTALLING AND TIMING THE AUGER.

2.1 Remove the rubber boot, cap, and bearing from the end of the factory auger tube.

2.2 Trim the provided auger flighting (LANAUGCIH1403) to fit up against the factory one. Next, trim the flighting so that no part of it comes within 1/2" of the end of the auger shaft. Weld the two pieces of flighting together and stitch weld the new piece to the auger shaft

Figure 2.1



Figure 2.2



Installation

Refer to Figure 3

3.1 Wrap the Auger Extension Sleeve (LANAUGCIH1401BLK) around the existing auger tube and use two 5/16" x 1" carriage bolts (LAN204K) and two 5/16" flange nuts (LANNAS2) to bolt the sleeve to the factory auger tube. Make sure the bolt head is to the inside of the auger tube. Leave these fasteners loose at this time.

3.2 Install nine 3/8" x 1.25" carriage bolts (RED305K) and nine 3/8" nyloc nuts (LAN1618000) in the upper flange of the Auger Extension Sleeve. Snug all of these up incrementally until the sleeve is tight on the factory auger tube.

3.3 Tighten the 5/16" fasteners at this time.

Figure 3

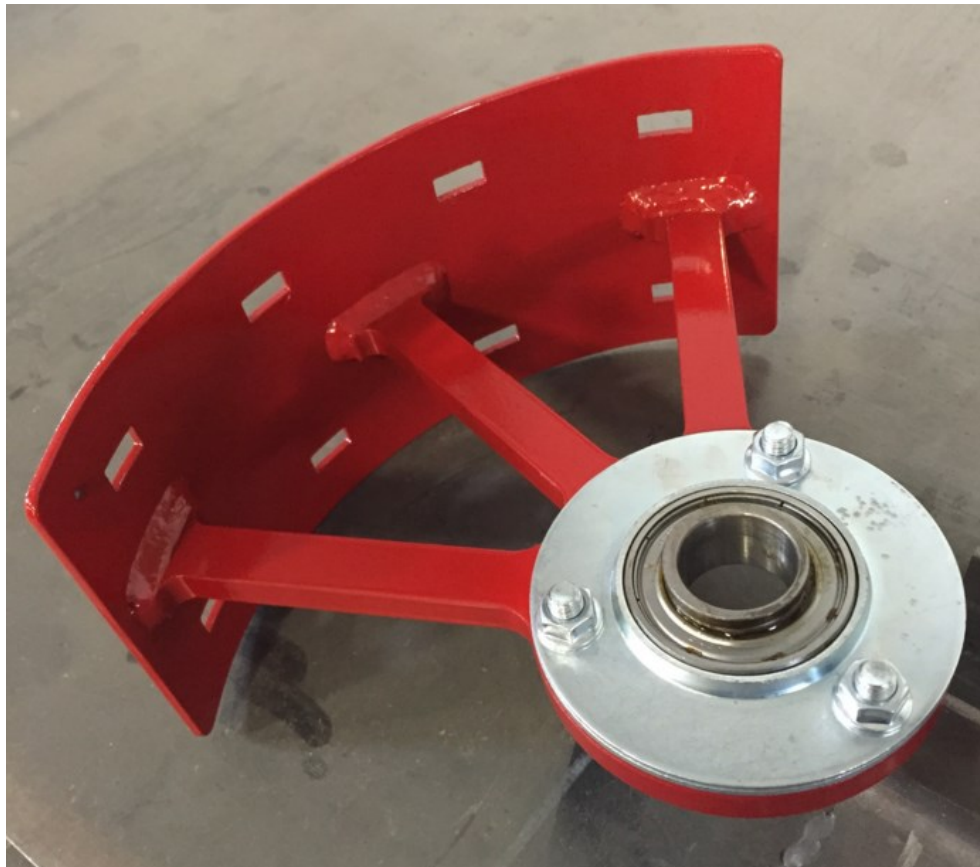


Installation

Refer to Figure 4

4.1 Using three 3/8" x 1.25" carriage bolts (RED305K) and three 3/8" flange nuts (LAN3718), bolt the bearing (LANSA206) and two bearing flanges (RED34012) to one side of the bearing hanger (LANAUGCIH1402BLK) as shown below. Make sure the locking portion of the bearing is on the same side of the hanger as the flanges as well as the grease zerk.

Figure 4



Installation

Refer to Figure 5

NOTE: It may be necessary to use some emery cloth to clean up the auger shaft before installing the bearing

5.1 With the flanges toward the end of the auger, slide the bearing over the shaft of the existing auger until the slots in the bearing hanger (LANAUGCIH1402BLK) line up with the slots in the auger extension sleeve (LANAUGCIH1401BLK).

5.2 Using a clamp to hold the bearing hanger up to the extension sleeve, install all four 5/16" x 1" carriage bolts (LAN204K), with the 5/16" flange nut (LANNAS2) in the back row.

Figure 5



Installation

Refer to Figure 6

6.1 Make sure the entire auger is pushed all the way into its splines on the other end (covering the end of the shaft with a block of wood and hitting it with a hammer works well).

6.2 Install the bearing retainer sleeve. This will keep the auger from sliding out from this point forward.

For further technical assistance, call Lankota at 1-866-526-5682



**BEARING RETAINER
SLEEVE**

Figure 6

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.