

# **LANTH400**

## **Installation Instructions**

**Combine Header Trailer Hitch for JD® 70 & “S” Series Combines**

# **LANKOTA®**

**270 West Park Avenue**





**Huron, SD 57350**

**866-526-5682**

## Numerical Parts List

<b><i>Part Numbers</i></b>	<b><i>Description</i></b>	<b><i>Quantity</i></b>
LANTH401	Hitch Weldment	1
LAN20180	M20 x 190mm Bolt	6
LANFH599K	M20 Flange Head Center Lock Nut	6
LANFHGCF9	M20 Extra Thick Flat Washer	6

## Pictorial Parts List

 <p>LANTH401 (1)</p>	 <p>LAN20180 (6)</p>	 <p>LANFH599K (6)</p>	 <p>LANFHGCF9 (6)</p>
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# Preparation

1. To aid in ease of installation, it would be helpful to steer the rear wheels to the left and raise the straw spreader to provide more space for installing this hitch.
2. Park combine on a hard, level surface. Set parking brake and turn off engine.

## 1. Install Hitch to Axle Using Existing Holes

### *Refer to Figure 1.1*

- 1.1 Using a sufficient tonnage bottle jack and wood blocks, position the jack under the left hand designated jacking location under the rear axle and raise until the wheel can be rotated by hand.
- 1.2 Remove the three factory axle bolts and nuts shown in Figure 1.1. The other two factory bolts located near the end of axle frame should remain in place.



*Figure 1.1*

Refer to Figure 1.2

**Note:** To aid in ease of installation, it would be helpful to use the long pallet the hitch was shipped on to raise and hold the Hitch Weldment (LANTH401) in position during this installation.

- 1.3 Raise Hitch Weldment (LANTH401) into place and align holes in the hitch mounting plate with six holes in the axle frame. It may be necessary to use a line-up pry bar and/or manipulate the bottle jack up/down to line up all of the axle holes.



Figure 1.2

Refer to Figure 1.3

- 1.4 Install six M20 x 190mm Bolts (LAN20180) as shown in Figure 1.3. Insert the bolts through from the rear of the axle frontward using one M20 Extra Thick Flat Washer (LANFHGCF9) under each bolt head. Install one M20 Flange Head Center Lock Nut (LANFH599K) per bolt on the other side. Tighten all hardware.

***Special Notes:***

- 1.4.1 *On Rear Wheel Drive (RWD) models, it will be necessary to install the two upper and two lower bolts from the front of the axle rearward to allow clearance for the hydraulic shield covers to be re-installed. Re-use the three factory flange head nuts to secure the covers in place.*
- 1.4.2 *On non-RWD models with Auto-Trac (steering angle sensor) wiring harness toward the rear wheel; install all supplied hardware as instructed in step 1.4. Re-use the three factory flange head nuts to secure the wiring harness shield covers in place.*



Figure 1.3

*Refer to Figure 1.4*

**1.5 Lower combine to the ground. Remove the bottle jack and all tools.**



*Figure 1.4*

***For further technical information,  
contact Lankota at:***

***1-866-526-5682***