

# LANSS608R8FH

## Installation Instructions

Lankota GENERATION II Stalk Stomper® **Hydraulic Mounting Kit** for JD® 608 & 708 Series Folding Corn Heads  
8-Row Coverage

# LANKOTA®

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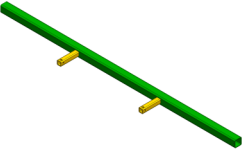
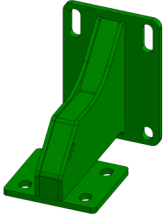
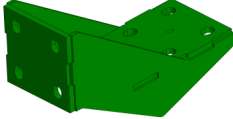
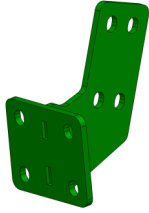
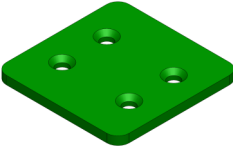
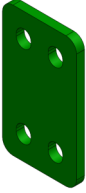
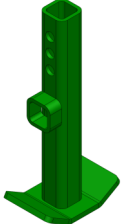
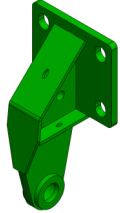
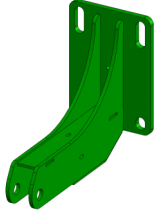

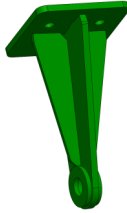
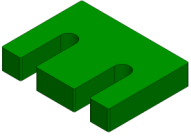
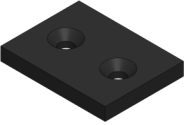
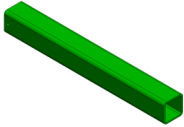
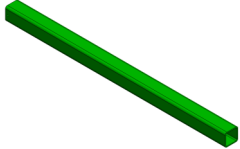

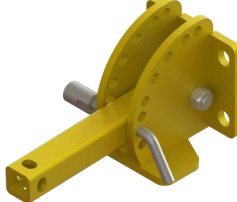
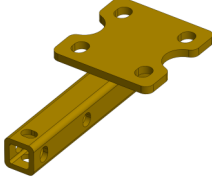
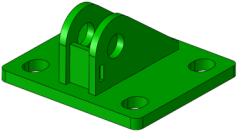


# Numerical Parts List

<b>Part Numbers</b>	<b>Description</b>	<b>Quantity</b>
LANSS6532FH	Welded Tool Bar - Feeder house Area	1
LANSS722	Tool Bar Mount	2
LANSS723	Tool Bar Mount - Inner	2
LANSS725	Tool Bar Mount - Feeder House	1
LANSS727	Upper Cylinder Mount Plate	2
LANSS728	Tool Bar Support Plate	1
LANSS729	Header Foot	2
LANSS730	Cylinder Toolbar Bracket	2
LANSS731	Hydraulic Toolbar Mount	4
LANSS732	Upper Cylinder Mount	1
LANSS732M	Upper Cylinder Mount	1
LANSS733	Folding Spacer	4
LANSS734	Plastic Folding Pad	2
LANSSB21GRN	21" Stalk Stomper Tool Bar	2
LANSSB42GRN	42" Stalk Stomper Tool Bar	2
LANSS750CYL	Stalk Stomper Cylinder	2
LANSS759	Stalk Stomper Flip Up Mount	2
LANSS650QD	Quick Disconnect Mount	4
LANSS7B05	Tool Bar Bracket - Hydraulic	4
LANSSFHV8	Cylinder Shutoff Valve Kit	1
<b>LANSS608R8FHKK</b>	<b>Hose Kit for 608FC Hydraulic Stalk Stompers®</b>	<b>1</b>
	Hydraulic Hose	4
	#6 Male ORB to Male ORFS straight	4
	#6 Female ORFS to Male ORFS 90°	4
	#6 ORFS Male, Male, Female Tee fitting	4

# Numerical Parts List Continued

Part Numbers	Description	Quantity
<b>LANSS608R8FHBH</b>	<b>Box Containing Bags of Hardware</b>	<b>1</b>
LAN079UBOLT	U-bolt 5/8"x 5.125" ID x 6.50" Long	12
LAN600UBOLT	U-bolt 5/8"x 2.625" ID x 3.75" Long	30
LAN1137030	1/2" Lock Nut	8
LAN690830	5/8" Serrated Flange Nut	88
LANB714	5/8" - 11 x 3 1/2" Bolt	4
LANEWPG	Clevis Pin - 3/4" x 2.50"	4
LANF0IDJ	Cotter Pin - 1/8" x 1.50"	4
LANF0IFO	Cotter Pin - 3/16" x 2.00"	4
LANFFCJK	Clevis Pin - 1" x 3.00"	4
LANFWS50	1" SAE Flat Washer	4
LANFWS55	1/2" SAE Flat Washer	8
LANFWS57	5/8" SAE Flat Washer	4
LANFWS58	3/4" SAE Flat Washer	4
LANEJRN	1/4"-20 Nyloc Flange Nut	4
LAN44302	Zip Ties	10
LAN91263A220	1/2"-13 x 5" CS Bolt	4
LAN92210A550	1/4"-20 x 2" CS Bolt	4
LANSS704	SS Twist Lock Pin	6
 <b>LANSS668BH</b>	 <b>LANSS668 Bag of Hardware</b>	 <b>4</b>
Each Bag Includes:		
LAN600UBOLT	U-bolt 5/8"x 2.625" ID x 3.75" Length	2
LANFNXC1	1/2"-13 Flanged Nyloc Nut	1
LANFNHVK	1/2"-13 x 2.50" Serrated Flange Bolt	1
LAN690830	5/8" Serrated Flange Nut	4

# Pictorial Parts List

					
LANSS6532FH (1)	LANSS722 (2)	LANSS723 (2)	LANSS725 (1)	LANSS727 (2)	LANSS728 (1)
					
LANSS729 (2)	LANSS730 (2)	LANSS731 (4)	LANSS732 (1)	LANSS732M (1)	LANSS733 (4)
					
LANSS734 (2)	LANSSB21GRN (2)	LANSSB42GRN (2)	LANSS750CYL (2)	LANSS759 (2)	LAN650QD (4)
					
LAN7B05 (4)	LANSSFHV8 (1)	LANSS608R8FHKK (1)			

# Preparation

1. Attach desired header to the combine. Lock the head to the combine.
2. Make sure the header is unfolded completely.
3. Raise the head off the ground and lower the safety stop on the feeder house cylinder.
4. Set the parking brake on the combine.
5. Turn off the combine engine and remove the key.

## 1. Kit Installation

**Note:** It may be beneficial to leave all hardware hand tight until the end.

- 1.1 Remove the header feet and replace them with LANSS729.
- 1.2 When standing behind the left side of the header, measure from the left side of the main support tube and drill  $3/4$ " holes as shown through the center of the top flange of the curtain bracket. Repeat on the opposite side of the head, measuring from the right hand side.



Figure 1.1

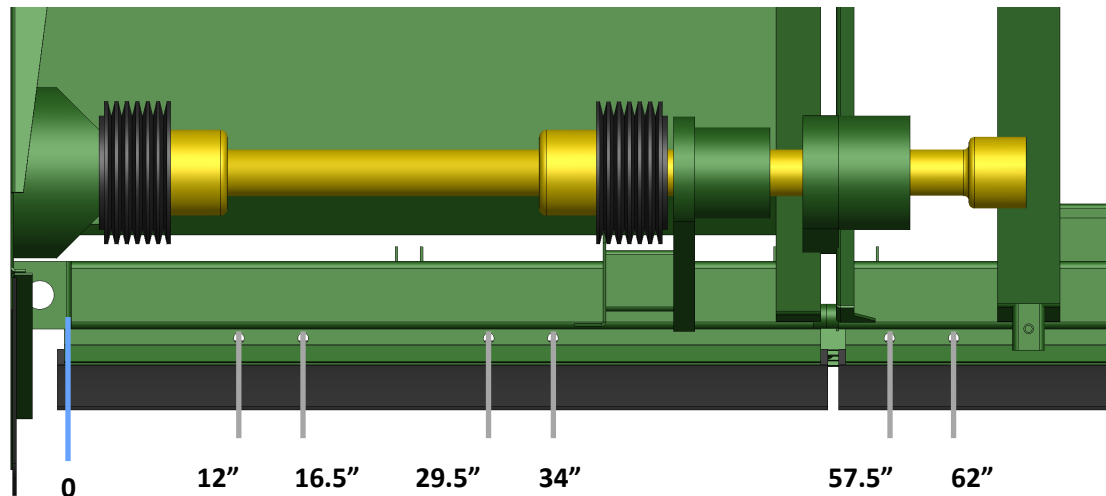


Figure 1.2

# 1. Kit Installation

## Refer to Figure 1.3

**1.3** Install mounts LANSS731 over the previously drilled holes on the folding head section with LAN079UBOLT and 5/8" flange nuts (LAN690830). Attach LAN7B05 mounts to the LANSS731 mounts using 3/4" pin (LANEWPJ) and cotter pin (LANF0IDJ). Install LANSSB42GRN toolbar to LAN7B05 using LAN600UBOLT (4 total) and 5/8" flange nuts.

## Refer to Figures 1.4 & 1.5

**1.4** Install two LAN650QD on the toolbar, using hardware bags LANSS668BH, directly in line with the row units. The 1/2" bolt (LANFNHVK) and nut (LANFNXC1) will be used later to mount the stalk stomper shoes.

**Repeat Steps 1.3 & 1.4 on the opposite side of the head.**



Figure 1.3

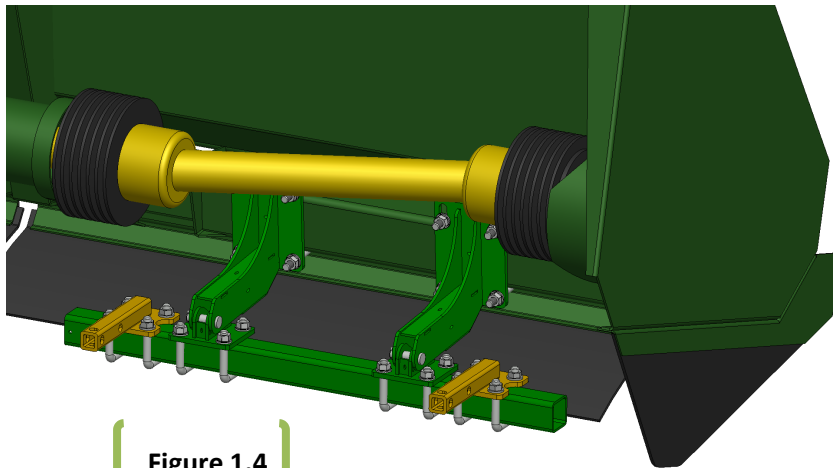


Figure 1.4



Figure 1.5

# 1. Kit Installation

## Refer to Figure 1.6

**1.6** Install LANS722 in the last set of previously drilled holes on the center (non-folding) head section with LAN079UBOLT and 5/8" flange nuts.

## Refer to Figure 1.7

**1.7** Install LANSB21GRN on LANS722 with two LAN600UBOLT and 5/8" flange nuts. Install LANS759 on the toolbar, with two LAN600UBOLT and 5/8" flange nuts, centered with the row unit.

## Refer to Figure 1.8

**1.8** Install LANS723 on the end of the toolbar with the opposite end pointing underneath the rubber curtain as shown.

**Repeat Steps 1.6 - 1.8 on the opposite side of the head.**



Figure 1.6



Figure 1.7



Figure 1.8

# 1. Kit Installation

## Refer to Figure 1.9

**1.9** Place LANSS6532FH on top of the ends of mounts LANSS723 and attach with four LAN600UBOLT and 5/8" flange nuts (LAN690830).

**1.10** Attach the toolbar to the center header row unit support using LANSS725 & LANSS728 and hardware LAN600UBOLT, 5/8" flange nuts, and LANB714.



Figure 1.9

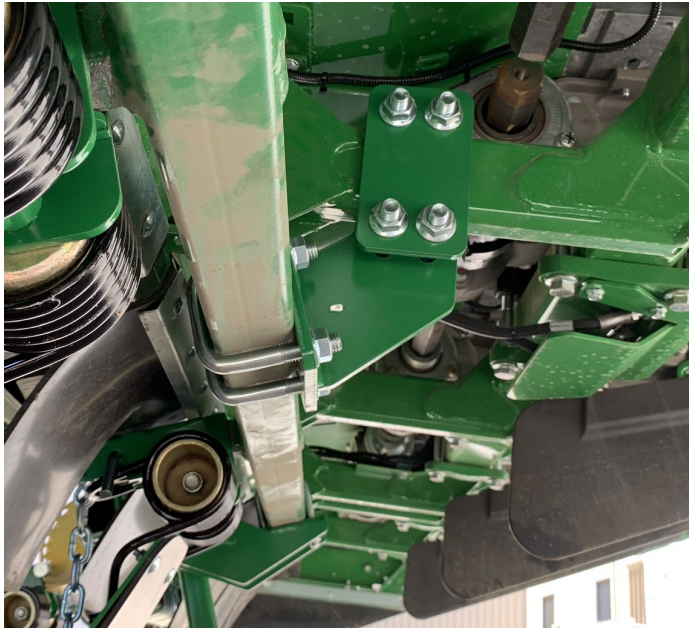


Figure 1.10

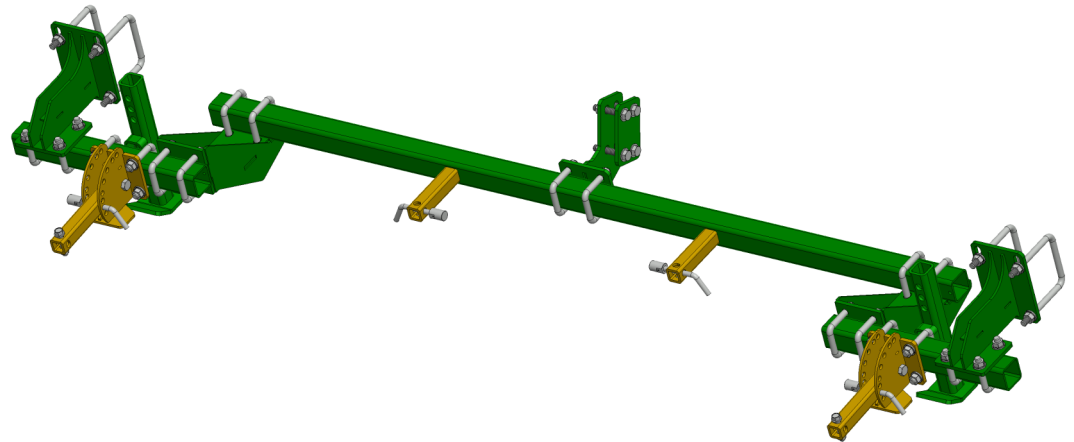


Figure 1.11



# 1. Kit Installation

## Refer to Figure 1.12

**1.12** Install LANSS732 and LANSS727 onto the upper tubes on the folding section of the head (left hand side while sitting in the cab). Orient the mount so it will hang vertically once it is bolted on.

## Refer to Figure 1.13

**1.13** Use LAN91263A220, LANFWS55, and LAN1137030 to clamp the parts around the tubes. Check that the parts are slid all the way up to the cross member tube.

**Repeat on the right side of the header with LANSS732M.**

## Refer to Figures 1.14 & 1.15

Remove the header folding stop and re-use the spacers with two LANSS733. Bolt LANSS734 through the spacer plates with hardware LAN92210A550 and LANEJRN.



Figure 1.12

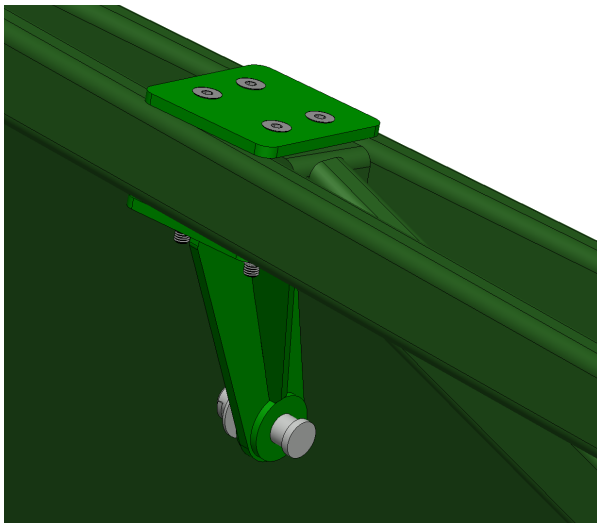


Figure 1.13



Figure 1.14

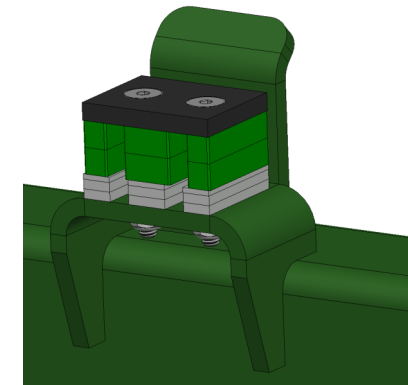
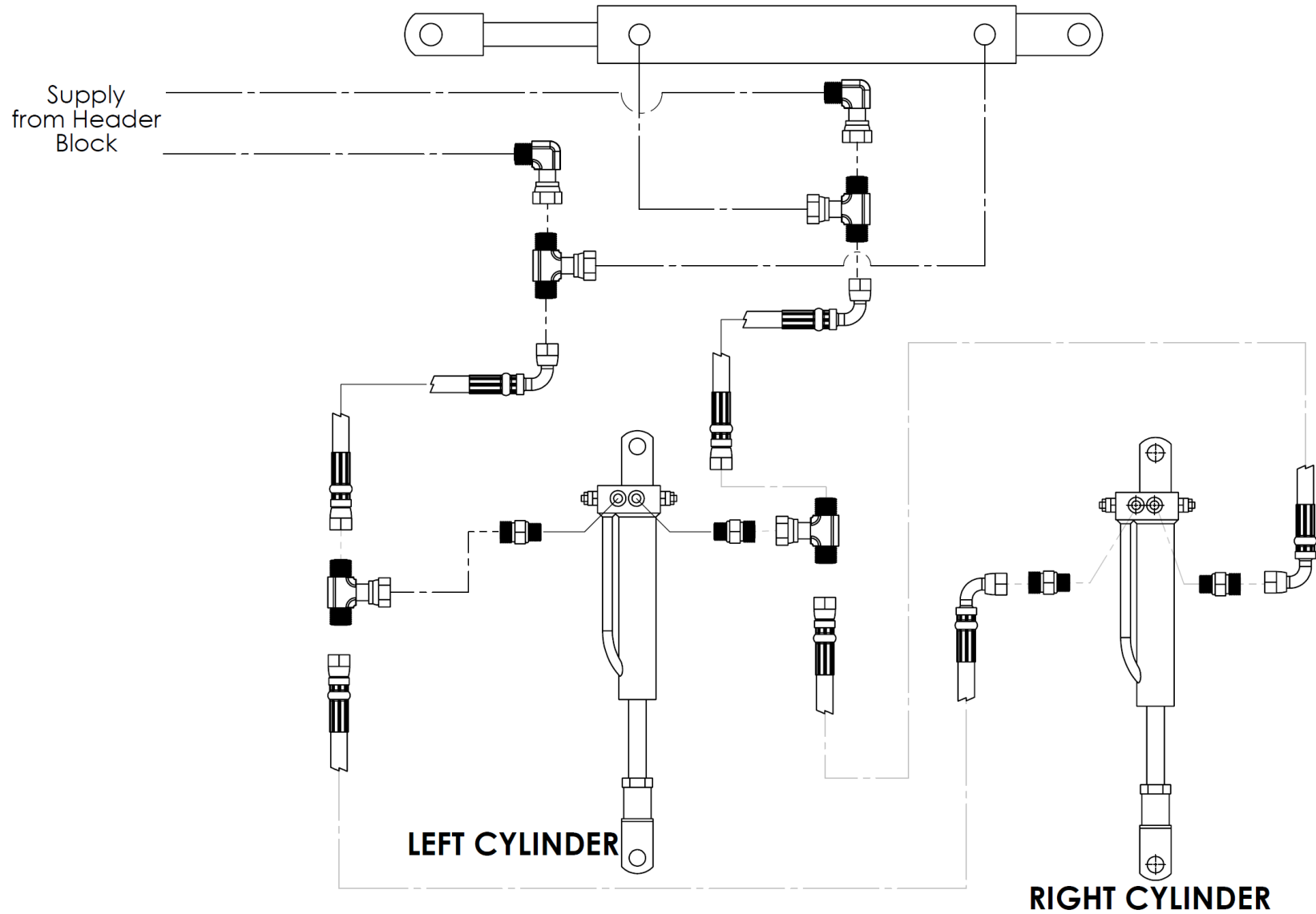


Figure 1.15

# Hydraulic Schematic

## 608F & 708F Hydraulic Schematic



## 2. Mounting the Hydraulics

### Refer to Figures 2.1 & 2.2

- 2.1 Pin the cylinders to LANSS732 on the left side and LANSS732M on the right side of the head using the 1" clevis pins LANFFCJK and LANFOIF0.
- 2.2 Pin the bottom of the cylinder rod to LANSS730 after turning the clevis off the rod until it can be connected. Check that there is at least 10 full revolutions of threads into the clevis.



Figure 2.1



Figure 2.2

## 2. Mounting the Hydraulics

Refer to Figures 2.3 & 2.4

**2.3** Trace the hoses from the left side factory tilt cylinder back to the valve block. Remove the hoses from the block and install a 90° fitting into the block to make the tee fitting easier to access. The lower hose may require the solenoid valve to be loosed and slide out on the shaft. Make sure and retighten the solenoid valve once the 90° fitting and tee are installed.



Figure 2.3



Figure 2.4

## 2. Mounting the Hydraulics

### Refer to Figure 2.5

**2.5** Re-connect the factory cylinder hoses to the tee fittings from the previous step (BE SURE TO RE-CONNECT THE FACTORY HOSES TO THE SAME SIDE OF THE CYLINDER THEY CAME FROM). Connect the 66" hose to the lower tee fitting and the 60" hose to the upper tee fitting.

Note: Be aware of how the head will fold when routing the hoses beside the pivot. It is good practice to have someone watching the hoses the first time folding the head to ensure the hoses do not pinch or kink.



Figure 2.5

## 2. Mounting the Hydraulics

### Refer to Figures

2.6 Route the hoses from the block over to the left cylinder as shown. Refer to “LANSSFHV8 Installation Instructions” for isolation valve installation. Route the 210” hoses from the left cylinder over to the right cylinder as shown and secure to the header with the provided zip ties.



## 3. Mount Shoes

### Refer to Figure

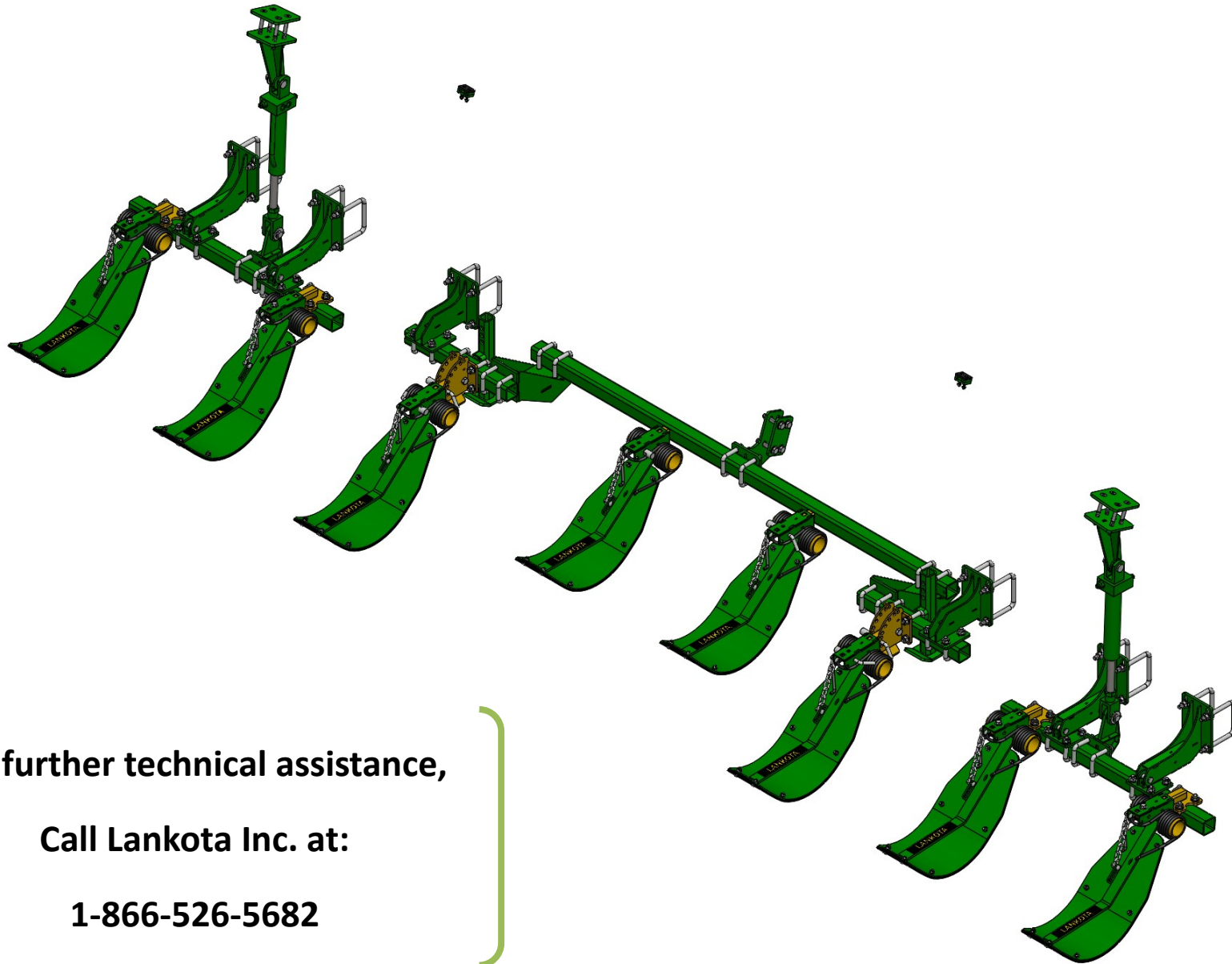
- 3.1 Attach the shoes to the mounts and welded toolbars with the 1/2" x 2.5" flange bolts (LANFNHVK) and 1/2" flange nyloc nuts (LANFNXC1) found in the LANSS668BH's.
- 3.2 Attach the center 2 shoes to the bar under the feederhouse and the 2 flip up mounts with the provided 1/2" twist-lock pins (LANSS704).



### ***Stalk Stomper Disclaimer***

The most effective use of the Lankota Stalk Stomper® is achieved by adjusting the stomper pad so that when the corn head is at its normal cutting height, the pad of the shoe is 1" above the ground. Over compression of the spring can shorten the life of the stomper spring, increase wear on the poly liner, and may result in undue damage NOT covered by Lankota's Limited Warranty.

# Complete Kit



For further technical assistance,

Call Lankota Inc. at:

**1-866-526-5682**