

# LANTS8070

## Installation Instructions

Lankota Stalk Stomper® Mounting Kit for JD® 8X70 Series Wheeled Tractors

# LANKOTA®

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Huron, SD 57350  
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# Numerical Parts List

| <b>Part Numbers</b> | <b>Description</b>                          | <b>Qty</b> |
|---------------------|---|------------|
| LANSS8070R          | 8070 Series Right Tractor Bracket           | 1          |
| LANSS8070L          | 8070 Series Left Tractor Bracket            | 1          |
| LANSS-A50           | 50" Tractor Arm Weldment                    | 1          |
| LANSSJDTB           | John Deere Tool Box Bracket                 | 1          |
| LANSS5129           | 2x8 ASAE Cylinder                           | 2          |
| LANHH4J6-310        | 310" Hydraulic Hose                         | 2          |
| LANHH4J6-75         | 75" Hydraulic Hose                          | 4          |
| <b>LANSS5149</b>    | <b>Hyd Fitting Bag—Tractor SS</b>           | <b>1</b>   |
| <b>LANSS8070BH</b>  | <b>Bag of Hardware Includes:</b>            | <b>1</b>   |
| LANFB910            | 7/8"-9 x 2-1/2" Bolt                        | 8          |
| REDWU59             | 7/8" Flat Washer                            | 8          |
| REDKRJ9             | 7/8"-9 G5 Top Lock Nut                      | 8          |
| BOM0010             | 12" x 1-1/4" Pin                            | 2          |
| LANF01F0            | 3/16" x 2-1/4" Cotter Pin                   | 4          |
| LANF-FWM-1.25       | 1-1/4" Flat Machine Washer, 14 Ga           | 30         |
| LAN079UBOLT         | U-bolt 5/8"-11 x 5-1/8" x 6-1/2"            | 8          |
| LAN690830           | 5/8" Serrated Flange Nut                    | 16         |
| LAN3722             | 1/2"-13 Serrated Flange Nut                 | 2          |
| LAN506K             | 1/2"-13 x 1-1/2" Carriage Head Bolt Grade 5 | 2          |
| LAN44302            | 11" Zip Ties                                | 25         |
| LANF3231            | 1/4" Grease Zerk                            | 4          |
| <b>LANJDTC140</b>   | <b>Tow Cable Hook Mount for SS Kit</b>      | <b>1</b>   |
| LANJDTC141          | Tow Cable Hook                              | 1          |
| LANJDTC142          | Tow Cable Gate                              | 1          |
| LANSS604            | Solid Pin with Lynch Pin                    | 1          |
| REDB306             | 3/8"-16 x 1.5" Bolt                         | 1          |
| LAN1618000          | 3/8" Nyloc Nut                              | 1          |

# Pictorial Parts List

|   |   |  |   |   |
|---|---|--|---|---|
|    |    |    |    |    |
| LANSST8070R (1)   | LANSST8070L (1)   | LANSST-A50 (1)   | LANSSTJDTB (1)  | LANSST5129 (2)  |
|    |    |    |    |    |
| LANHH4J6-75 (4)   | LANHH4J6-310 (2)  | LANSST5149 (1)   | LANF-FWM-1.25 (30)  | LANF01F0 (4)  |
|   |   |   |   |   |
|   | REDWU59(8)  | REDKRJ9 (8)  | LANFB910 (8)  | BOM0010 (2)   |
|  |  |  |  |  |
| LAN44302 (25)   | LAN079UBOLT (8)   | LAN690830 (16)   | LAN3722 (2)   | LAN506K (2)   |



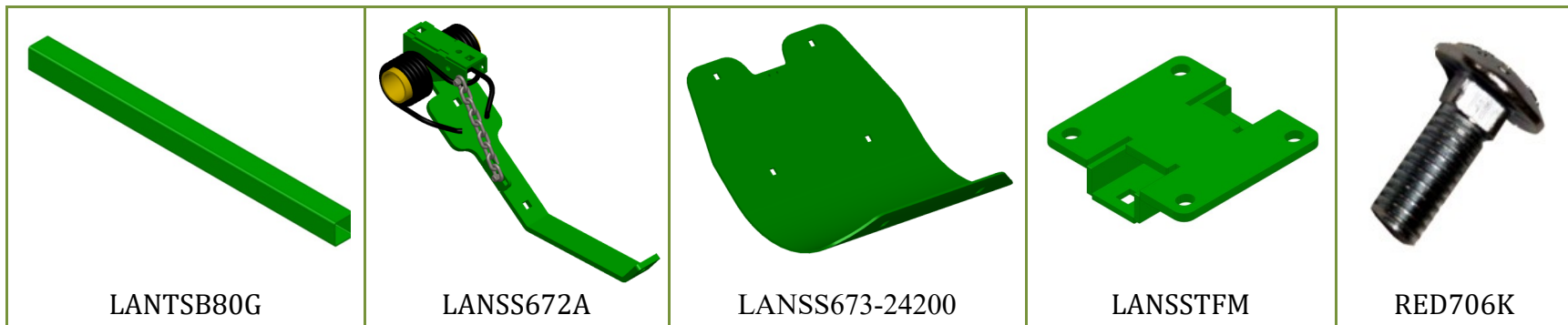
## Configured Parts List—*for Triples (LANTS8070-24T)*

| Part Numbers        | Description                               | Quantity |
|---------------------|---|----------|
| LANTSB96G           | 96" x 5" x 5" Toolbar                     | 2        |
| <b>LANSS671K-24</b> | 24" Bolt-on Tractor Stomper               | 6        |
| LANSS672A           | Bolt-on Stalk Stomper Arm                 | 2        |
| LANSS673-24200      | 24" Bolt-on Stalk Stomper AR200 Shoe      | 1        |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 6        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 6        |
| LANSSTFMGRN         | Fixed Mount for Tractor Stompers          | 12       |
| <b>LANSSTFMBH</b>   | Bag of Hardware for Tractor Stomper Shoes | 6        |
| LAN079UBOLT         | U-bolt 5/8"-11 x 5-1/8" x 6-1/2"          | 4        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 12       |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 4        |



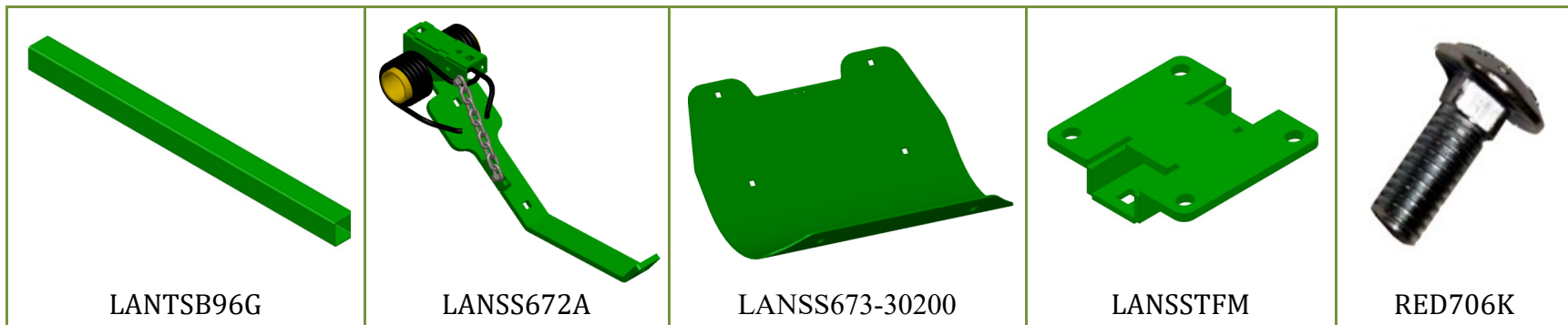
## Configured Parts List—*for 480 and 520 Duals (LANTS8070-24D)*

| Part Numbers        | Description                               | Quantity |
|---------------------|---|----------|
| LANTSB80G           | 80" x 5" x 5" Toolbar                     | 2        |
| <b>LANSS671K-24</b> | 24" Bolt-on Tractor Stomper               | 4        |
| LANSS672A           | Bolt-on Stalk Stomper Arm                 | 2        |
| LANSS673-24200      | 24" Bolt-on Stalk Stomper AR200 Shoe      | 1        |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 6        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 6        |
| LANSSTFM            | Fixed Mount for Tractor Stompers          | 8        |
| <b>LANSSTFMBH</b>   | Bag of Hardware for Tractor Stomper Shoes | 4        |
| LAN079UBOLT         | U-bolt 5/8"-11 x 5-1/8" x 6-1/2"          | 4        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 12       |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 4        |



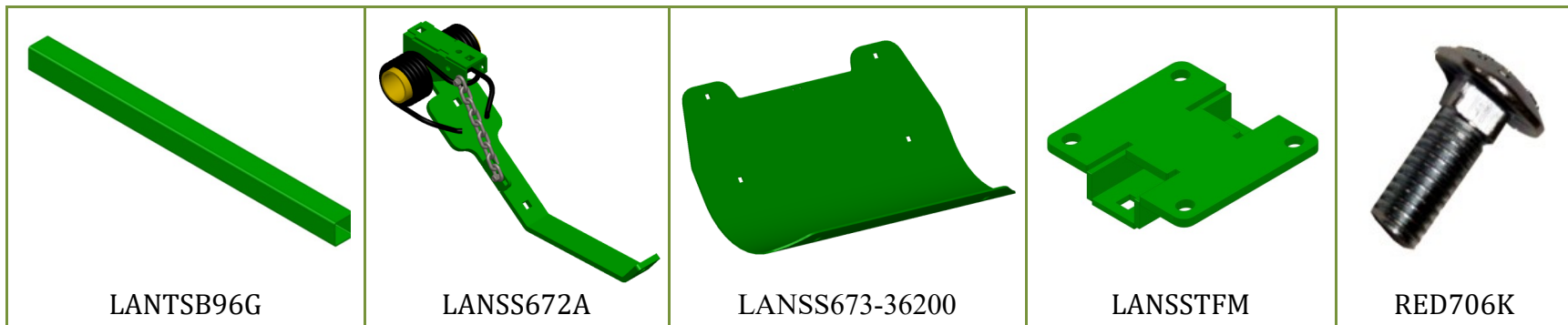
## Configured Parts List—*for 620 and 650 Duals (LANTS8070-30D)*

| Part Numbers        | Description                               | Quantity |
|---------------------|---|----------|
| LANTSB96G           | 96" x 5" x 5" Toolbar                     | 2        |
| <b>LANSS671K-30</b> | 30" Bolt-on Tractor Stomper               | 4        |
| LANSS672A           | Bolt-on Stalk Stomper Arm                 | 2        |
| LANSS673-30200      | 30" Bolt-on Stalk Stomper AR200 Shoe      | 1        |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 6        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 6        |
| LANSSTFM            | Fixed Mount for Tractor Stompers          | 8        |
| <b>LANSSTFMBH</b>   | Bag of Hardware for Tractor Stomper Shoes | 4        |
| LAN079UBOLT         | U-bolt 5/8"-11 x 5-1/8" x 6-1/2"          | 4        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 12       |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 4        |



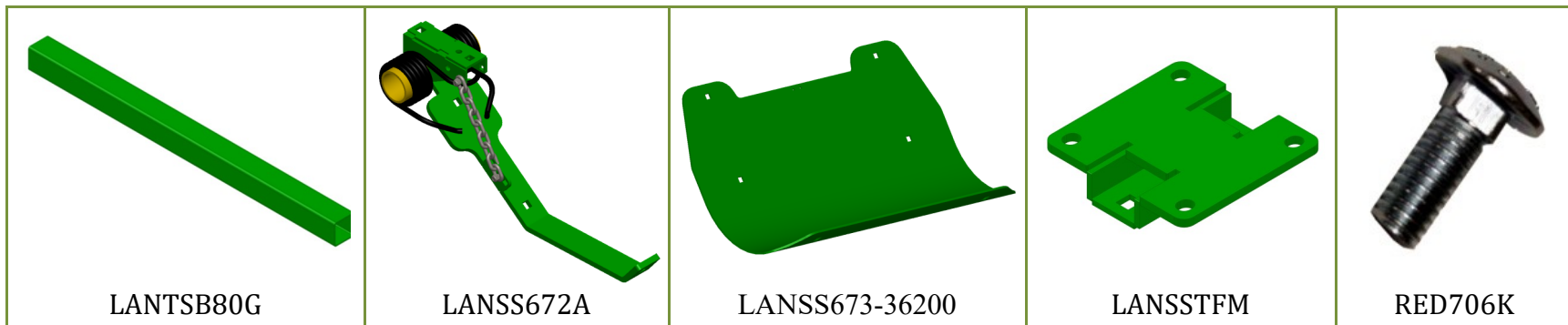
## Configured Parts List—*for 710 and 800 Duals (LANTS8070-36D)*

| Part Numbers        | Description                               | Quantity |
|---------------------|---|----------|
| LANTSB96G           | 96" x 5" x 5" Toolbar                     | 2        |
| <b>LANSS671K-36</b> | 36" Bolt-on Tractor Stomper               | 4        |
| LANSS672A           | Bolt-on Stalk Stomper Arm                 | 2        |
| LANSS673-36200      | 33" Bolt-on Stalk Stomper AR200 Shoe      | 1        |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 6        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 6        |
| LANSSTFM            | Fixed Mount for Tractor Stompers          | 8        |
| <b>LANSSTFMBH</b>   | Bag of Hardware for Tractor Stomper Shoes | 4        |
| LAN079UBOLT         | U-bolt 5/8"-11 x 5-1/8" x 6-1/2"          | 4        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 12       |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 4        |



## Configured Parts List—*for 800 Singles (LANTS8070-36S)*

| Part Numbers        | Description                               | Quantity |
|---------------------|---|----------|
| LANTSB80G           | 80" x 5" x 5" Toolbar                     | 2        |
| <b>LANSS671K-36</b> | 36" Bolt-on Tractor Stomper               | 2        |
| LANSS672A           | Bolt-on Stalk Stomper Arm                 | 2        |
| LANSS673-36200      | 33" Bolt-on Stalk Stomper AR200 Shoe      | 1        |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 6        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 6        |
| LANSSTFM            | Fixed Mount for Tractor Stompers          | 4        |
| <b>LANSSTFMBH</b>   | Bag of Hardware for Tractor Stomper Shoes | 2        |
| LAN079UBOLT         | U-bolt 5/8"-11 x 5-1/8" x 6-1/2"          | 4        |
| LAN690830           | 5/8" Serrated Flange Nut                  | 12       |
| RED706K             | 5/8"-11 x 1-1/2" Grade 5 Carriage Bolt    | 4        |





# Preparation

1. Put tractor in Park
2. Turn off the tractors engine and remove the key.

# Installation

Refer to Figure 1

1. Remove the factory toolbox and attach the brackets (LANSST8070R & LANSST8070L) to the front of the tractor frame.

Hardware:

|              |                        |
|--------------|------------------------|
| (8) LANFB910 | 7/8"-9 x2-1/2" Bolt    |
| (8) REDWU59  | 7/8" Flat Washer       |
| (8) REDKRJ9  | 7/8"-9 G5 Top Lock Nut |



Figure 1



Figure 2

Refer to Figure 3 & 4

2. Attach the 50" Tractor Arm (LANSST-A50) to the brackets installed in Step 1. Space from side to side equally using Flat Washers (LANF-FWM-1.25). Also include 1 flat washer on each end of the pin before installing the cotter pins. *The use of Anti-Seize may be helpful when inserting the 12" x 1-1/4" Pin.*

Hardware:

|      |               |                           |
|------|---------------|---------------------------|
| (2)  | BOM0010       | 12" x 1-1/4" Pin          |
| (4)  | LANF01F0      | 3/16" x 2-1/4" Cotter Pin |
| (15) | LANF-FWM-1.25 | Flat Machine Washer       |

Refer to Figure 5

3. Install Cylinders (LANSST5129) on both sides with the ports facing up. Attach base end of cylinder to tractor brackets and rod end of cylinder to the arm weldment (LANSST-A50)

Hardware:

All Hardware needed is provided with the cylinders



Figure 3



Figure 4



Figure 5

Refer to Figures 6, 7 & 8

4. Connect the 75" hydraulic hoses to cylinder ports and route into front of tractor as shown in Figure 8. Use supplied Tee fittings to connect hoses from base end of cylinders together and rod end of cylinders together.
5. Connect 310" hydraulic hoses to the Tee's and route to rear of tractor. Recommended path is over front differential, underneath cab and follow existing hydraulic lines to rear hydraulic remotes.
6. Use supplied pioneer couplings and fittings (LANSST5149) to connect hoses to desired remote. Lankota recommends operating this remote in float mode when Stalk Stompers are on the ground. Reducing the flow rate to this remote from the cab controls may also be desirable.

**Note: If all hydraulic remotes are used, the Stalk Stompers can be Tee'd together with implement raise/lower or wing functions.**

Figure 6



Figure 7



Figure 8





Figure 9

Refer to Figure 10

7. Install John Deere Tool Box Bracket (LANSTJDTB) and attach factory toolbox to top of left tractor frame bracket.

Hardware:

(2) LAN3722

1/2" Serrated Flange Nut

(2) LAN506K

1/2"- 1-1/2" Carriage Bolt



Figure 10

**Refer to Figure 11**

8. Install (2) toolbars (LANTSB80G or LANTSB96G) to 50" tractor arm. Joint between toolbars should be located in center of 50" arm weldment.

*Hardware:*

- |                 |                               |
|-----------------|-------------------------------|
| (12) LAN690830  | 5/8" Serrated Flange Nut      |
| (6) LAN079UBOLT | U-Bolt 5/8" x 5-1/8" x 6-1/2" |



**Figure 11**

**Refer to Figure 12**

9. Attach mounts (LANSSTFMGRN) to 5" toolbar. Set two mounts in front of each tire. Do not tighten at this time.

*Hardware:*

- |             |                               |
|-------------|-------------------------------|
| LAN690830   | 5/8" Serrated Flange Nut      |
| LAN079UBOLT | U-Bolt 5/8" x 5-1/8" x 6-1/2" |



**Figure 12**

**Refer to Figure 13**

10. Install Stalk Stomper Arms to Fixed Mounts.
11. Mount shoe onto arms with carriage bolts and tighten.
12. Align shoes with tire(s) and tighten fixed mount to tool bar.

*Hardware:*

- |           |                                    |
|-----------|------------------------------------|
| LAN690830 | 5/8" Serrated Flange Nut           |
| RED706K   | 5/8"-11 x 1-12" Gr 5 Carriage Bolt |



**Figure 13**

# Tow Hook Installation (Optional)

If a Lankota Tow Hook System is used with Stalk Stompers, install the provided Tow Hook Mount for cable storage.

*Refer to Figure 14*

13. Remove the two 5/8" nuts indicated.

*Refer to Figure 15*

14. Install Tow Hook Mount on U-Bolts as shown and replace nuts.

15. Remove pin, swing gate open, hook cable on mount and replace gate and pin.

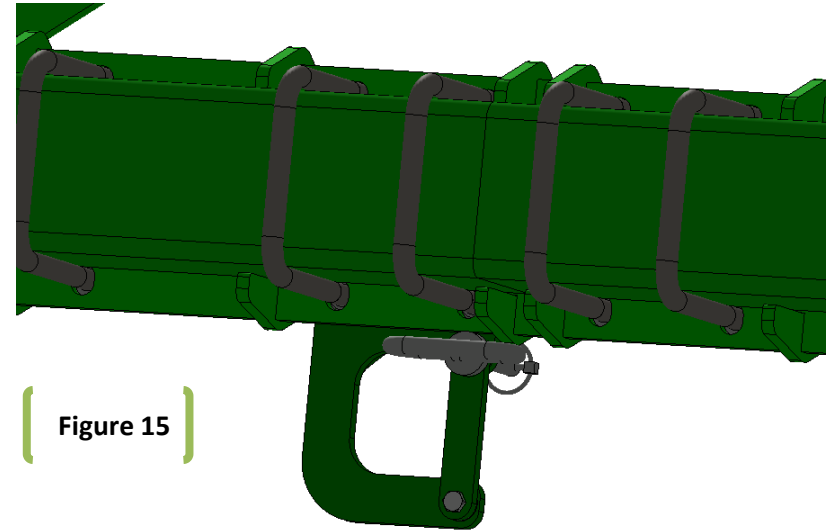


Figure 15

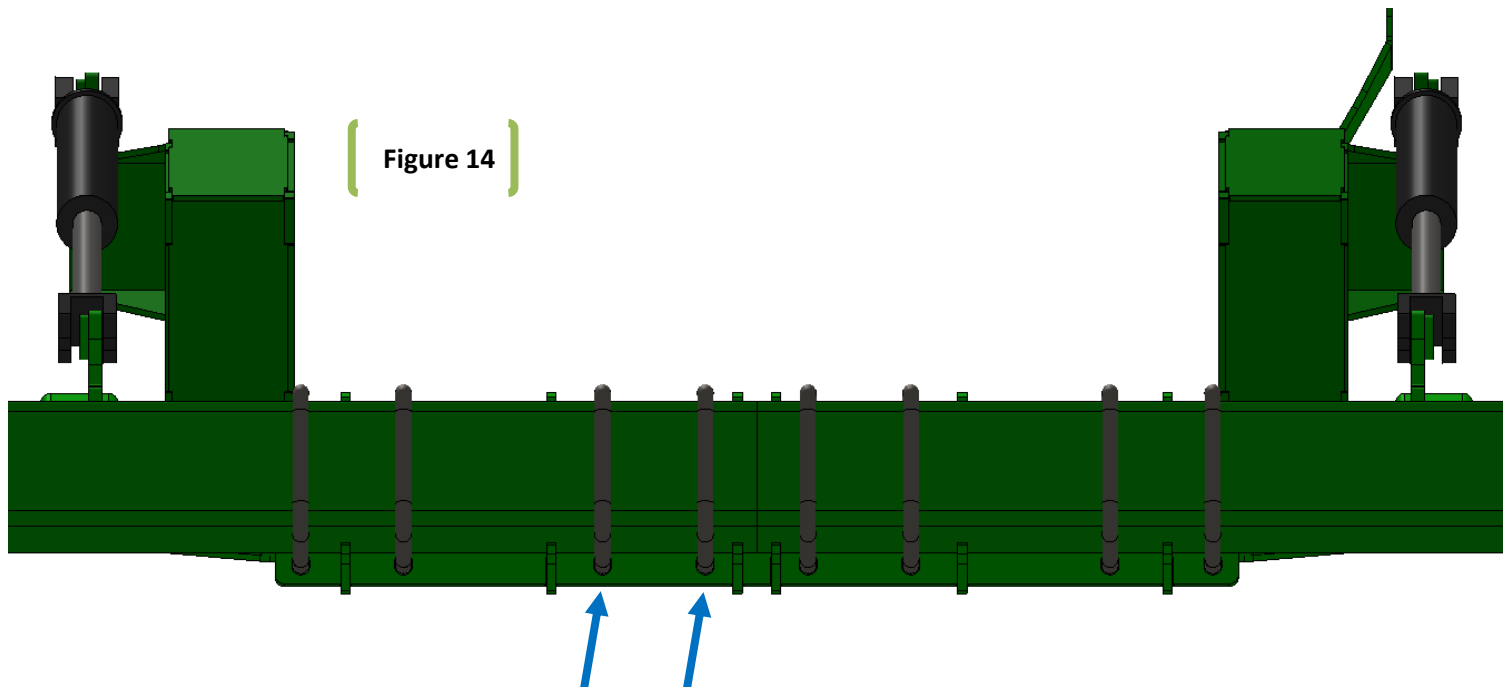


Figure 14

# Stalk Stomper Disclaimer

## *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.



**For further technical assistance,**

**call Lankota Inc. at:**

**1-866-526-5682**