

LANTS9020

Installation Instructions

Lankota Stalk Stomper® Mounting Kit for JD® 9X20 Series Wheeled Tractors

LANKOTA®

**270 West Park Avenue
Huron, SD 57350
866-526-5682**

Numerical Parts List

Part Numbers	Description	Qty
LANSST9020RW	20 Series Right Tractor Bracket	1
LANSST9020LW	20 Series Left Tractor Bracket	1
LANSST-A43	43" Tractor Arm Weldment	1
LANSSTJDTB	John Deere Tool Box Bracket	1
LANSST5129	2 x 8 ASAE Cylinder	2
LANHH4J6-310	310" Hydraulic Hose	2
LANHH4J6-75	75" Hydraulic Hose	4
LANSST5149	Hyd Fitting Bag—Tractor SS	1
LANSST9020BH	Bag of Hardware Includes:	1
LANFWS59	7/8" SAE Flat Washer	8
REDWU59	7/8" Flat Washer	8
LANFNBF9	7/8" G5 Top Lock Hex Nut	8
LANFB910	7/8"- 9 x 2.5" Bolt	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
LANJDTC140	Tow Cable Hook Mount for SS Kit	1
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
LAN18000	3/8" Flat Washer	1

Pictorial Parts List

				
LANSST9020RW (1)	LANSST9020LW (1)	LANSST-A43 (1)	LANSSTJDTB (1)	LANSST5129 (2)
				
LANHH4J6-75 (4)	LANHH4J6-310 (2)	LANSST5149 (1)	LANF-FWM-1.25 (30)	LANF01F0 (4)
				
	REDWU59 (8)	LANFNBF9 (8)	LANFB910 (8)	BOM0010 (2)
				
LAN44302 (25)	LAN079UBOLT (8)	LAN690830 (16)	LAN3722 (2)	LAN506K (2)



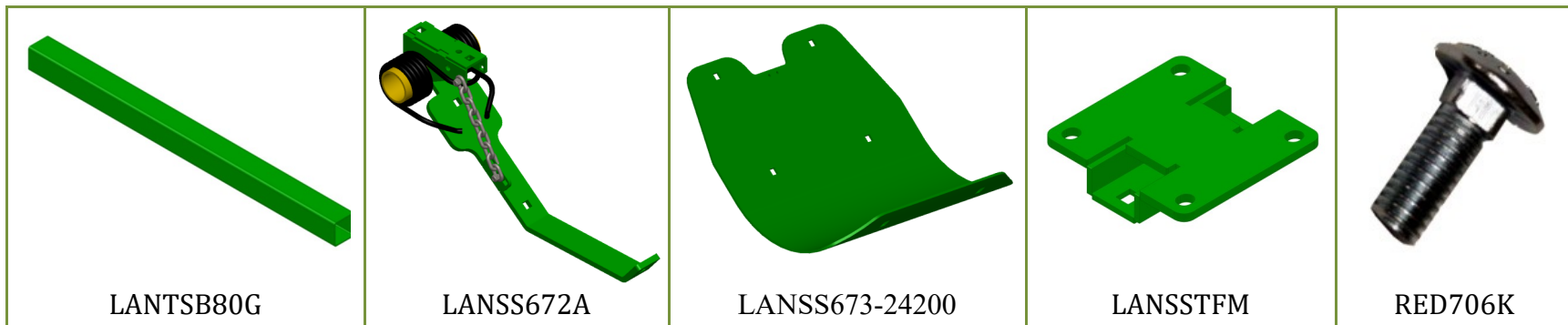
Configured Parts List—*for Triples (LANTS9020-24T)*

Part Numbers	Description	Quantity
LANTSB96G	96" x 5" x 5" Toolbar	2
LANSS671K-24	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
LANSSTFM	Fixed Mount for Tractor Stompers	12
LANSSTFMBH	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



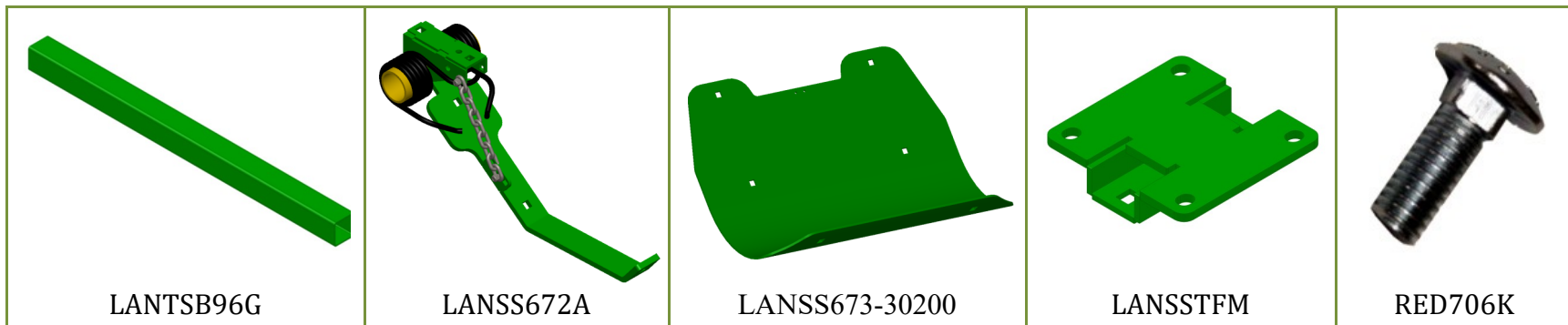
Configured Parts List—*for 480 and 520 Duals (LANTS9020-24D)*

Part Numbers	Description	Quantity
LANTSB80G	80" x 5" x 5" Toolbar	2
LANSS671K-24	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
LANSSTFMBH	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



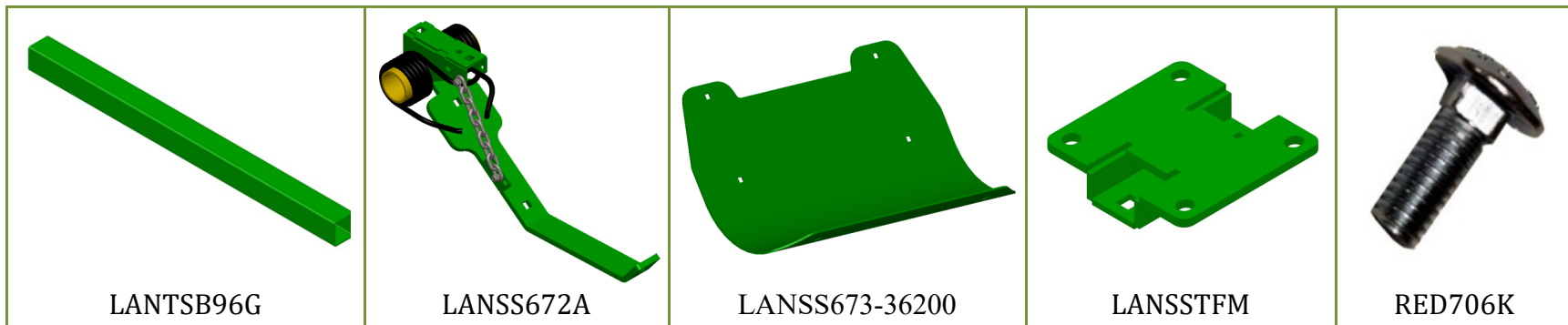
Configured Parts List—*for 620 and 650 Duals (LANTS9020-30D)*

Part Numbers	Description	Quantity
LANTSB96G	96" x 5" x 5" Toolbar	2
LANSS671K-30	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
LANSSTFMBH	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



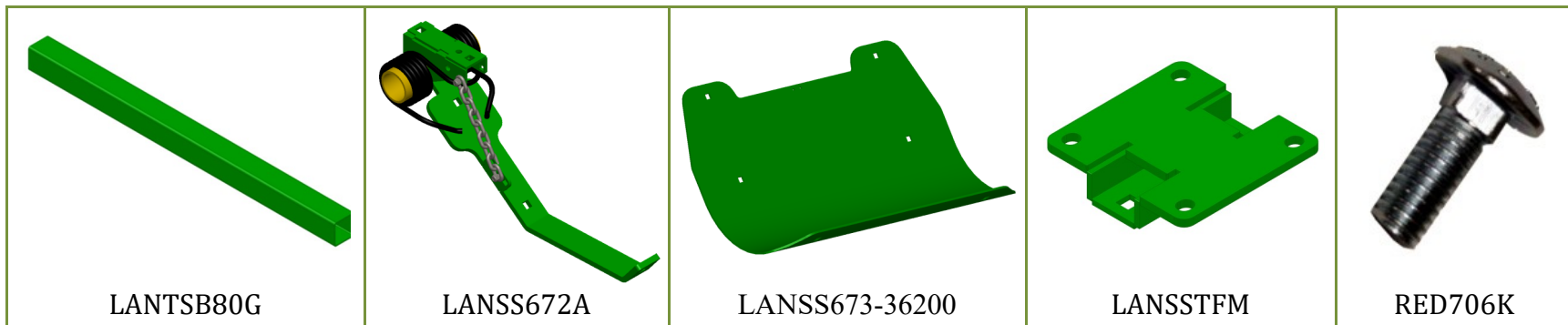
Configured Parts List—*for 710 and 800 Duals (LANTS9020-36D)*

Part Numbers	Description	Quantity
LANTSB96G	96" x 5" x 5" Toolbar	2
LANSS671K-36	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
LANSSTFMBH	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 (LANTS9020-36S)*

Part Numbers	Description	Quantity
LANTSB80G	80" x 5" x 5" Toolbar	2
LANSS671K-36	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
LANSSTFMBH	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 (LANSST9020RW & LANSST9020LW) to the front of the tractor frame.

Hardware:

(8) REDWU59	7/8" Flat Washer
(8) LANFNBF9	7/8"-9 G5 Top Lock Hex Nut
(8) LANFB910	7/8"-9 x2.5" Bolt



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 (LANSSTFM) 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.

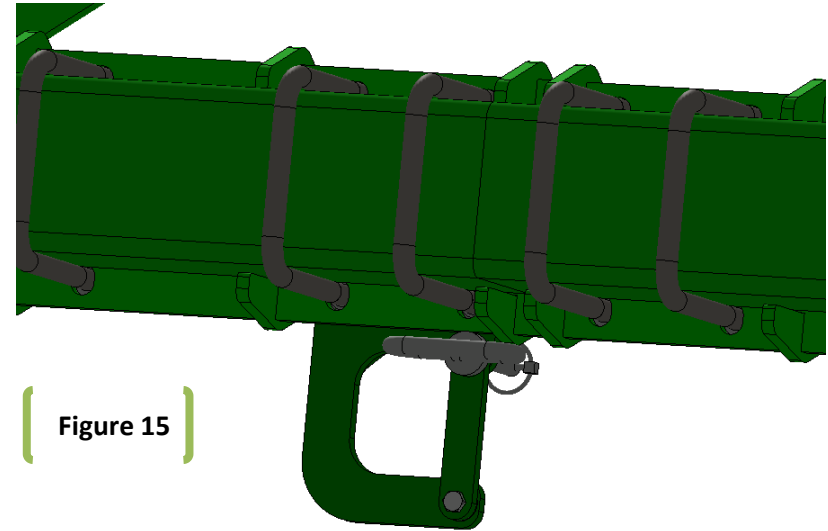


Figure 15

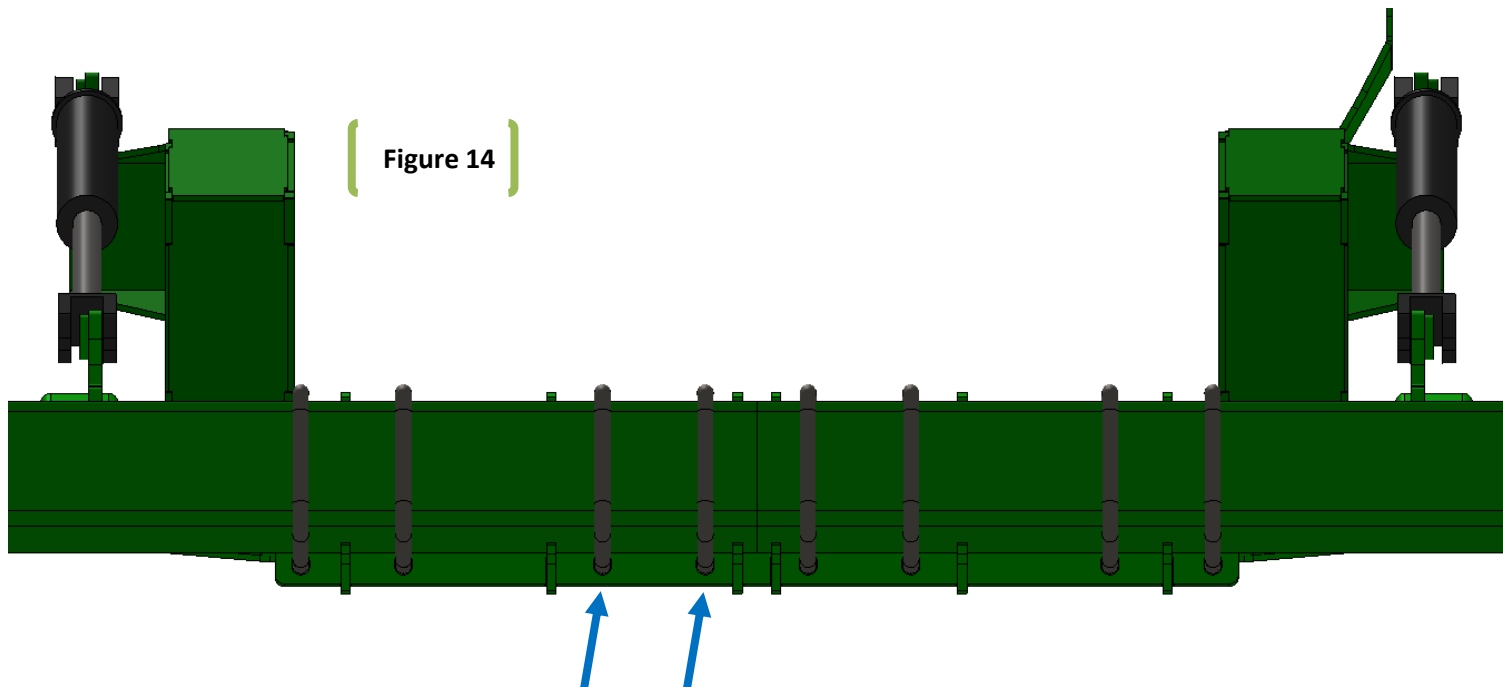


Figure 14

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