

# LANTSQ9RX

## Installation Instructions

Lankota Stalk Stomper Kit for John Deere 9RX 4-Track Tractors

**\*\*Not for 120" Track Spacing Models\*\***

# LANKOTA®

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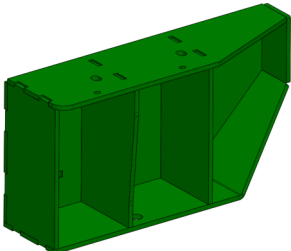
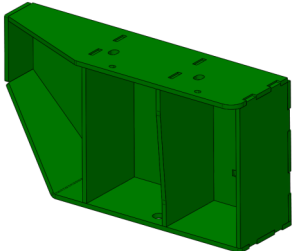
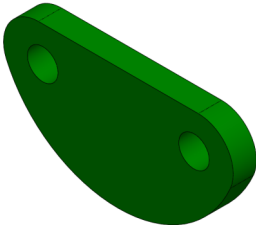
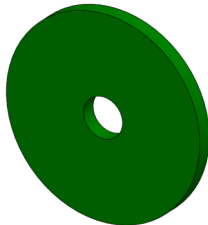
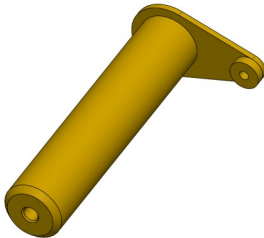
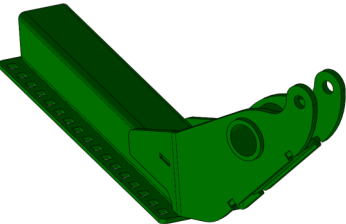
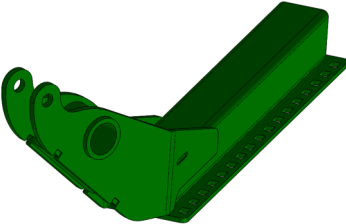


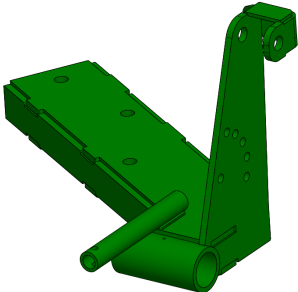
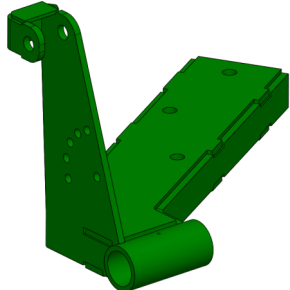



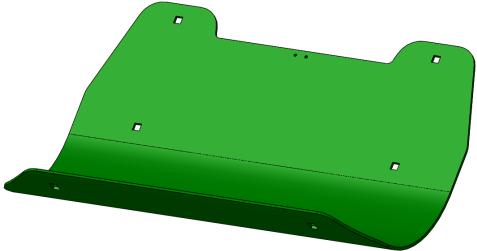
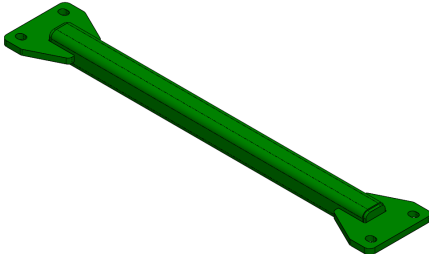
# Numerical Parts List

<b>Part Numbers</b>	<b>Description</b>	<b>Qty</b>
LANSSQT270L	JD 9RX SS Spacer—Left	1
LANSSQT270R	JD 9RX SS Spacer—Right	1
LANSSQT271	JD 9RX SS Cross Brace	1
LANSSQT240L	Left Mounting Bracket	1
LANSSQT240R	Right Mounting Bracket	1
LANSSQT253L	Left Stomper Arm	1
LANSSQT253R	Right Stomper Arm	1
LANSSQT264	Adjustable Stop	6
LANSSQT267	Pin Cap	2
LANSSQT268	Stomper Pivot Pin	2
LANSST5126	2" x 6" Cylinder	2
LANHH4J6-310	310" Hyd Hose, 1/4", JIC 6F	2
LANHH4J6-60	60" Hyd Hose, 1/4", JIC 6F	4
LANSS672A	Bolt-on Stalk Stomper Arm Assembly	4
LANSS673-xx200	Bolt-on Stalk Stomper Shoe—AR200 (Shoes are 24, 30, 36 or 42 inches wide depending on track width)	2

# Numerical Parts List Continued

<b>Part Numbers</b>	<b>Description</b>	<b>Qty</b>
<b>LANTSQ9RXBH</b>	<b>Box of Hardware</b>	<b>1</b>
LANST5149	Hyd Fitting Bag—Tractor SS	1
LANFFE3P	1" x 4.5" Clevis Pin	2
LANFHVMW	1" x 5" Clevis Pin	2
LANFWS50	1" SAE Flat Washer	4
LANFOIFO	3/16" x 2" Cotter Pin	4
LANF3231	Zerk Fitting, 1/4"-28	4
LANFE10A	M16 x 80mm Gr 10.9 Full Thread Hex Bolt	4
LANF-FW-M16	M16 Flat Washer	8
REDWL57	5/8" Lock Washer	8
LAN14M7259	M16 Gr 8.8 Hex Nut	4
REDB908	7/8" x 2" Gr 5 Hex Bolt	6
REDWU59	7/8" Flat Washer	6
REDKRJ9	7/8" Gr 5 Top Lock Nut	6
LANFB810	3/4" x 2.5" Gr 5 Hex Bolt	4
REDWU58	3/4" Flat Washer	8
REDKRJG	3/4" Top Lock Nut	4
REDB706	5/8" x 1.5" Gr 5 Hex Bolt	4
REDB712	5/8" x 3" Gr 5 Hex Bolt	4
RED708K	5/8" x 2" Gr 5 Carriage Bolt	4
RED706K	5/8" x 1.5" Gr 5 Carriage Bolt	20
LAN690830	5/8" Serrated Flange Nut	28
LANFB305	3/8" x 1.25" Gr 5 Hex Bolt	2
LAN18000	3/8" Flat Washer	4
LAN1618000	3/8" Nyloc Nut	2
REDB306	3/8" x 1.5" Gr 5 Hex Bolt	2
REDODTT	3/8" Top Lock Nut	2
LAN44302	Zip Tie	10
LANPP03614	Poly Wear Ring	1
LANRE311683	7/16" x 2.5" Lynch Pin	1

# Pictorial Parts List

 LANSSQT270L (1)	 LANSSQT270R (1)	 LANSSQT264 (6)	 LANSSQT267 (2)	 LANSSQT268 (2)
 LANSSQT253L (1)	 LANSSQT253R (1)	 LANHH4J6-310 (2)	 LANHH4J6-60 (4)	
 LANSSQT240L (1)	 LANSSQT240R (1)	 LANSST5126 (2)	 LANSS672A (4)	 LANSST5149 (1)
 LANSS673-xx200 (2) (24, 30, 36 or 42" wide)		 LANSSQT271 (1)		

# Pictorial Parts List Continued

						
LANFFEEP (2)	LANFHVMW (2)	LANFWS50 (2)	LANF01F0 (4)	LANFE10A (4)	LANF-FW-M16 (8)	REDWL57 (4)
						
LAN14M7259 (4)	REDB908 (6)	REDWU59 (6)	REDKRJ9 (6)	LANFB810 (4)	REDWU58 (8)	RED0DTT (2)
						
REDKRJG (4)	REDB706 (4)	REDB712 (4)	RED708K (4)	RED706K (20)	LAN690830 (28)	REDB306 (2)
						
LANFB305 (2)	LAN18000 (4)	LAN1618000 (2)	LANF3231 (4)	LAN44302 (10)	LANPP03614 (1)	LANRE311683 (1)

# Preparation

1. Park on a flat and level surface.
2. Turn steering wheel so tractor straight.
3. Set the parking brake.
4. Turn off the engine and remove the key.

# Kit Installation

1. Open the engine hood.  
**Refer to Figure 1**
2. Remove the front hood seal shrouds (both sides). Save the hardware for reinstall later.  
**Refer to Figure 2**
3. Remove the toolbox. Set the bracket aside for later, but the hardware will not be used again.



Figure 1



Figure 2

# Kit Installation

## Refer to Figures 3 - 5

4. One at a time, remove and replace the (4) flange head bolts on the sides of the radiator frame with an M16 x 80mm bolt (LANFE10A) and a M16 washer (LANF-FW-M16). Tighten well.



Figure 3



Figure 4



Figure 5

# Kit Installation

## Refer to Figures 6 - 8

5. Using a forklift or other suitable lifting device, raise the spacer bracket (LANSSQT270R) into place over the M16 bolts.
6. Insert (2) 5/8" x 2" carriage bolts (RED708K) into the inner plate before raising. (see Figure 7)
7. Secure with (2) of M16 washer, 5/8" lock washer and M16 nut (LANF-FW-M16, REDWL57 and LAN14M7259). Do not tighten, only snug.
8. Repeat on other side with LANSSQT270L.



Figure 6



Figure 7

Figure 8





# Kit Installation



Figure 9



Figure 10

## Refer to Figures 9 - 11

9. Ensure the shown slots align with the tractor frame's holes.
10. Insert (2) 3/4" x 2.5" hex bolts (LANFB810) with 3/4" washers (REDWU58) through the bracket and frame.
11. Secure with (2) of 3/4" washer and 3/4" top lock nut (REDWU58 and REDKRJG) Do not tighten; snug one of them.
12. Completely tighten the M16 nuts/bolts.
13. Completely tighten both 3/4" bolts.
14. Repeat on other side.

Figure 11



# Kit Installation

## Refer to Figure 12

15. Install brace bar (LANSSQT271) between the spacer brackets.
16. Secure with (4) 5/8" Serrated Flange nuts (LAN690830) and tighten.

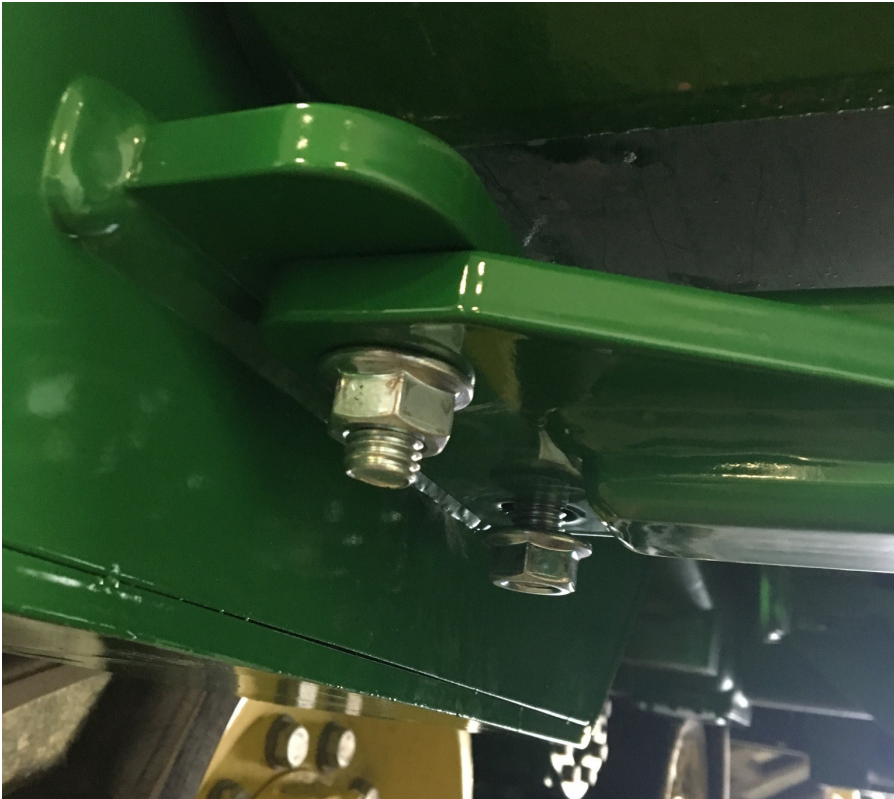


Figure 12



Figure 13

# Kit Installation

## Refer to Figures 14 & 15

17. Using a forklift or other suitable lifting device, raise the mounting bracket (LANSSQT240L) into place under the spacer bracket.
18. Insert (3) 7/8" x 2" carriage bolts (REDB908) up through the mounting bracket.
19. Secure with (3) of 7/8" washer and 7/8" top lock nut (REDWU59 and REDKRJ9). Align the mount with the spacer and tighten.
20. Repeat on other side with LANSSQT240R.



Figure 15

Figure 14



# Kit Installation

## Refer to Figures 16 & 17

21. Using a forklift or other suitable lifting device, raise the stomper arm (LANSSQT253L) into place in front of the mounting bracket.
22. Slide a pin (LANSSQT268) through the stomper arm and connect with 3/8" x 1.5" bolt and top lock nut.
23. Attach the arm with pin to the mounting bracket and secure with a 5/8" x 1.5" hex bolts (REDB706) through a 5/8" lock washer (REDWL57) and pin cap (LANSSQT267).
24. Tighten the hardware.
25. Repeat on other side with LANSSQT253R.

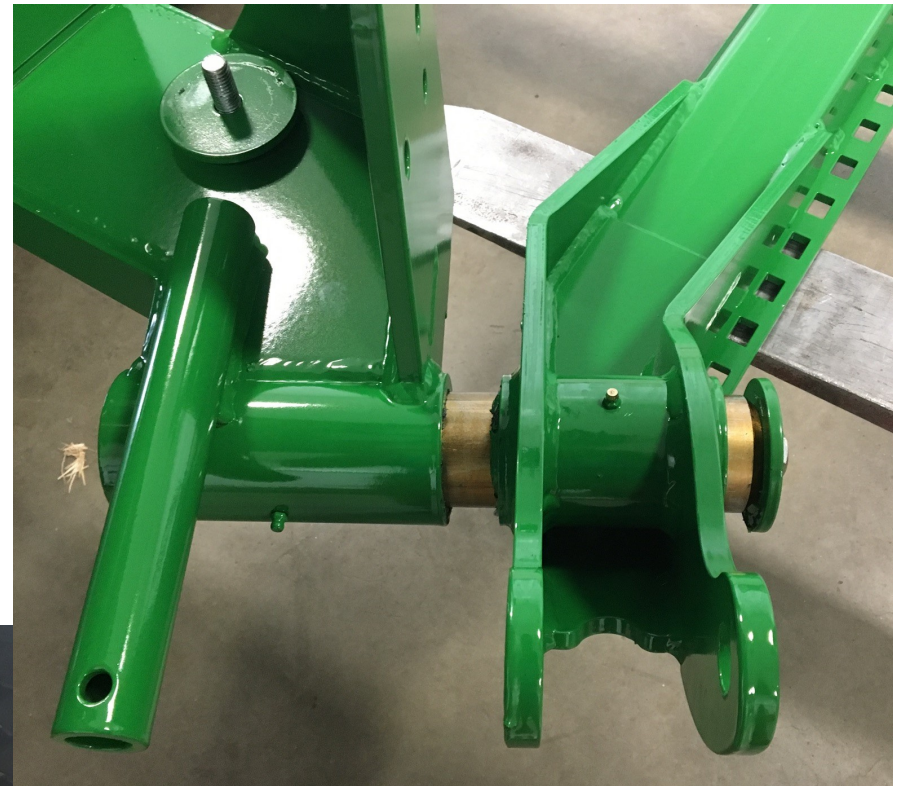


Figure 16



Figure 17

# Kit Installation

## Refer to Figure 18

26. Set the toolbox mount on top of the spacer bracket on the preferred side. Insert a 3/8" x 1.25" bolt (LANFB305) with a 3/8" washer (LAN18000) up through the spacer and toolbox.
27. Fasten with another washer and a 3/8" nyloc nut (LAN1618000). Repeat and tighten.

## Refer to Figure 19

28. Install (3) adjustable stops (LANSSQT264) onto each mounting bracket as shown with (2) 5/8" x 3" hex bolts and 5/8" Serrated Flange nuts (LAN690830).
29. Tighten. Moving these may be necessary after connecting hydraulics.

## Refer to Figure 20

30. Reinstall the plastic shrouds.

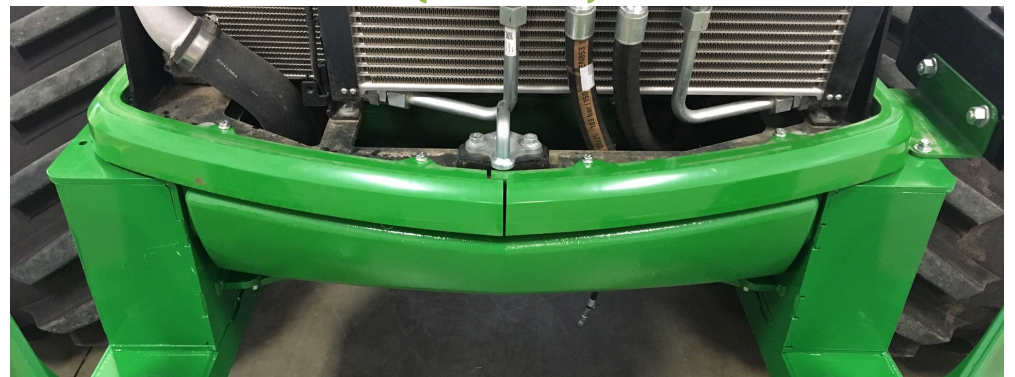


Figure 18



Figure 19

Figure 20



# Kit Installation

## Refer to Figures 21 & 22

31. Install the hydraulic cylinders with the rod end pointing down. Attach it with the 1" x 4" clevis pins (LANFFE3P) and retain them with the cotter pins (LANF01F0).

**Note: Make sure that the hydraulic ports are facing up when installed. It may be necessary to unfasten the tie rods and rotate a cast piece 90 deg.**

32. Level the arm by adjusting the clevis on the cylinder. (Loosen bolt and screw on or off.)



Figure 21

Figure 22

# Kit Installation

## Refer to Figures 23 & 24

33. Attach the stalk stomper arm assemblies (LANSS672A) to the skid shoes (LANSS673-xx200) with 5/8" x 1.5" carriage bolts (RED706K) and 5/8" Serrated Flange nuts (LAN690830). Leave the bolts loose.
34. Lift the shoe up to the stomper mount. Center the shoe on the track and determine which holes to use.
35. Connect with more 5/8" x 1.5" carriage bolts (RED706K) and 5/8" Serrated Flange nuts (LAN690830).
36. Tighten all hardware.



Figure 23



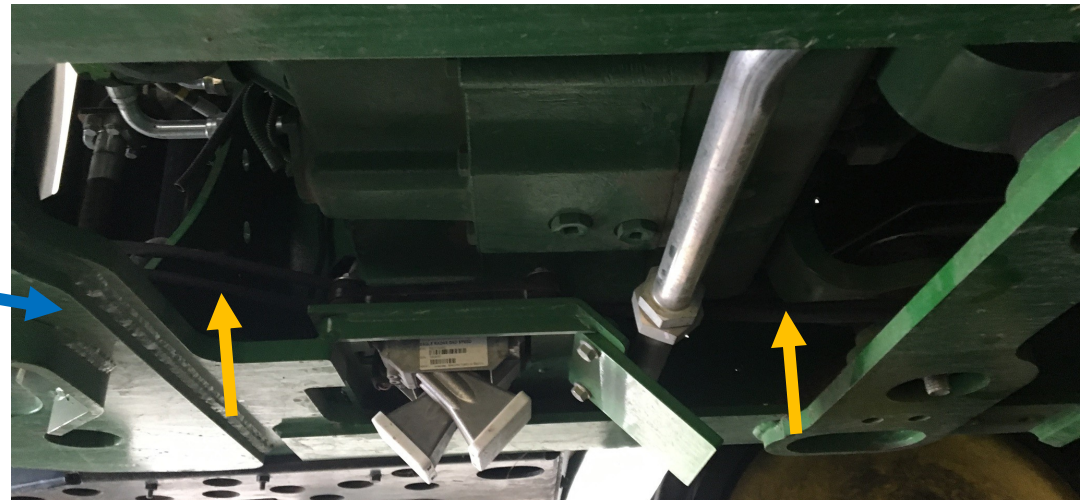
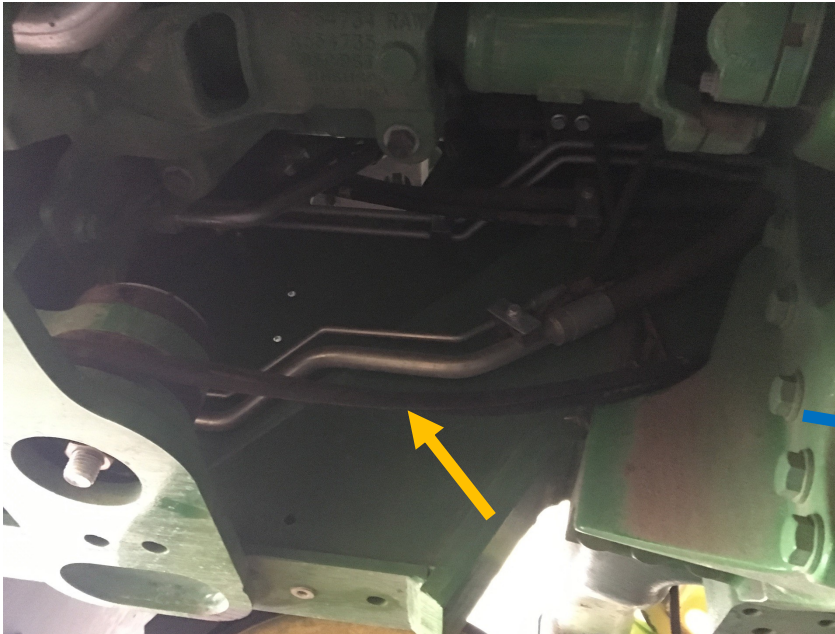
Figure 24

# Kit Installation



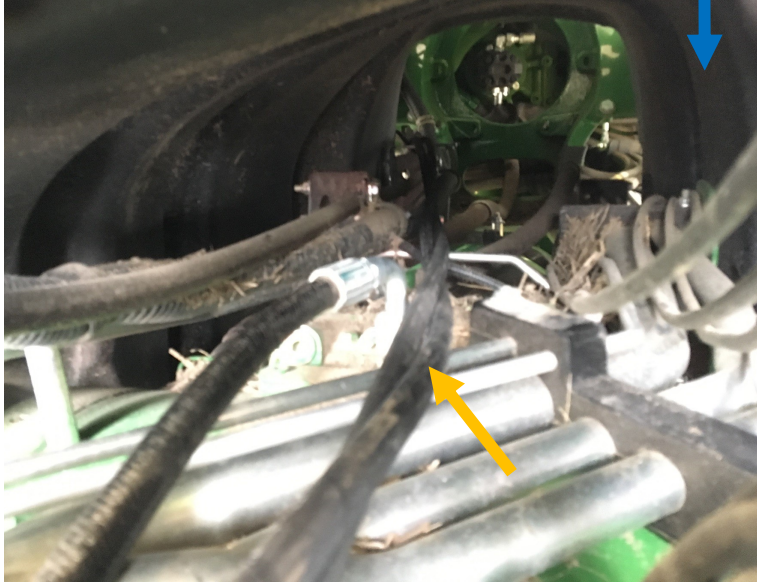
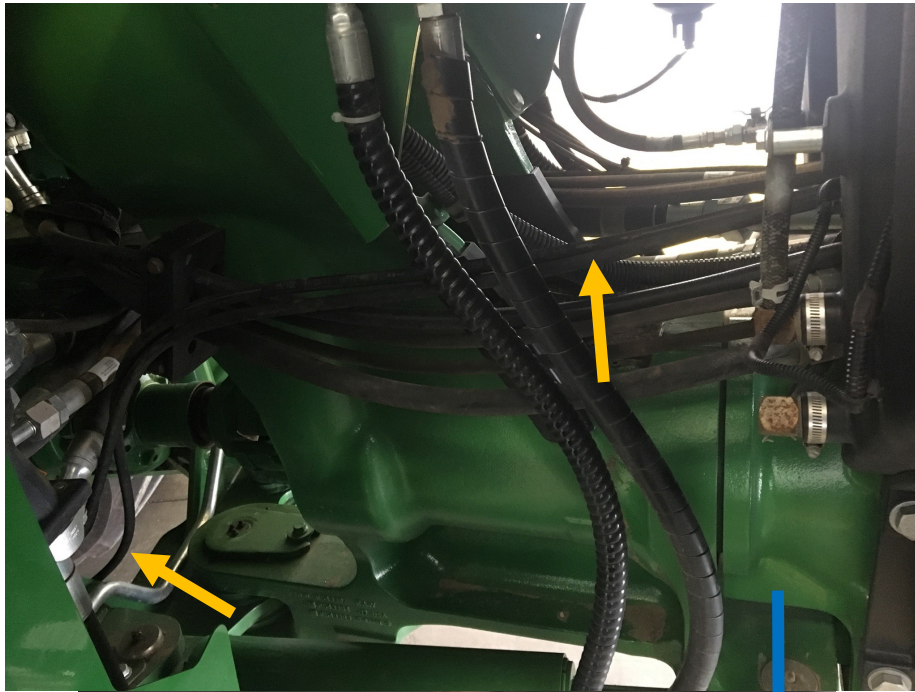
Refer to Figures 25 - 31

- 37. Tape the ends of the 310" Hyd Hoses (LANHH4J6-310) closed and together.
- 38. Route the hoses as shown. (Follow the blue arrows.)





# Kit Installation



Secure the hoses with zip ties wherever necessary.

# Kit Installation



Figure 32

## Refer to Figures 32 & 33

39. Connect the front of the 310" hoses to the center port of the tee fittings in LANSST5149.
40. Connect the 60" hoses (LANHH4J6-60) to the tees' side ports.
41. Route the 60" hoses out the side over the plastic shroud.

## Refer to Figure 34

42. Remove the cylinder's plugs and screw in the 90° elbow fittings in. Leave them loose.
43. Connect the 60" hoses. Orient the elbows to best direction. Tighten the locking nuts.

Figure 34



Figure 33

# Kit Installation

## Refer to Figure 35

44. Connect the tee, adapter and pioneer hydraulic fittings together. Attach to the rear end of the 3/10" hoses and tighten.

## Refer to Figure 36

45. Plug into a set of hydraulic ports.
46. Run the hydraulics up and down to purge the air from the lines and cylinders.

For further technical assistance,

Call Lankota Inc. at:

**1-866-526-5682**



Figure 35



Figure 36

## *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.

# Kit Installation

## Refer to Figures 37 & 38

47. If the tractor is equipped with a tow cable, hang the front loop from the pipe on the left mount (LANSSQT240L).
48. Secure the loop in the place with the provided poly disc and lynch pin (LANPP03164 and LANRE311683).

Figure 37



Figure 38

