

LANTSQ1805

Installation Instructions

Lankota GENERATION II Stalk Stomper® Mounting Kit for New Holland® Quad Trac

LANKOTA®

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

Numerical Parts List

Part Numbers	Description	Quantity
LANSSQT230R	Quad Track Right Bracket Spacer	1
LANSSQT230L	Quad Track Left Bracket Spacer	1
LANSSQT240R	Quad Track Right Bracket	1
LANSSQT240L	Quad Track Left Bracket	1
LANSSQT253R	Quad Track Right Arm	1
LANSSQT253L	Quad Track Left Arm	1
LANSSQT231	Toolbox Mounting Plate	2
LANSSQT264	Adjustable Stop	6
LANSSQT267	2.5" Pin Cap	4
LANSSQT268	2.5" Pin	2
LANSS6712A-BLK	Bolt-on Stalk Stomper Arm	4
LANSS673-42200B	42" Bolt-on AR200 Mod Shoe	2
LANHH4J6-310	310" Hydraulic Hose	2
LANHH4J6-60	60" Hydraulic Hose	4
LANSS5126	2 x 6 Cylinder	2
LANSS5149	Bag of Fittings Includes:	1
6801-6-8	ORB-8M to JIC-6M 90* Elbow	4
2603-6	JIC-6M Tee	2
2501-6-8	1/2" MIP to JIC-6M 90* Elbow	2
8010-4P	Pioneer Quick Coupler	2

Numerical Parts List

Part Numbers	Description	Quantity
LANTSQ1805BH	Bag of Hardware Includes:	1
LANFB810	3/4" x 2.5" Hex Bolt	6
LANFB808	3/4" x 2" Hex Bolt	6
LANFWS58	3/4" SAE Washer	6
REDWU58	3/4" Flat Washer	18
LANFXFY9	3/4" Center Lock Nut	12
REDB306	3/8" 1.5" Hex Bolt	6
LAN18000	3/8" Flat Washer	6
LAN3718	3/8" Serrated Flange Nut	6
RED706K	5/8"-11 x 1-1/2" Carriage Bolt	20
RED706	5/8"-11 x 1-1/2" Bolt	4
REDB712	5/8"-11 x 3" Bolt	4
LAN690830	5/8" Serrated Flange Nut	24
LANFFE3P	1" x 4" Clevis Pin	4
LANF01F0	3/16" x 2-1/4" Cotter Pin	4
LAN44302	Zip Ties	20
LANF3231	1/4"-28 Grease Zerk	4
LANSS604	1/2" Solid Hitch Pin w/ Lynch Pin	1

Pictorial Parts List

					
LANSSQT240R (1)	LANSSQT240L (1)	LANSST5126 (2)	LANFFE3P (4)	LANSSQT264 (6)	LAN44302 (20)
					
LANSSQT253R (1)	LANSSQT253L (1)	LANSSQT267 (4)	8010-4P (2)	LANHH4J6-60 (4)	6801-6-8 (4)
					
LANSSQT230R (1)	LANSSQT230L (1)	LANSSQT268 (2)	2501-6-8 (2)	LANHH4J6-310 (2)	2603-6 (2)
					
LANSS672A-BLK (4)	LANSS673-42200B (2)	LANSSQT231 (2)	LANF01F0 (6)	LANSS604 (1)	LANF3231 (4)

Pictorial Parts List

				
LANFB810 (6)	LANFB808 (6)	LANFWS58 (6)	REDWU58 (18)	LANFXFY9 (12)
				
REDB306 (6)	LAN18000 (6)	LAN3718 (6)	RED706K (20)	RED706 (4)
				
REDB712 (4)	LAN690830 (24)			

Preparation

1. Park Tractor on level ground and put in park.
2. Turn off the tractors and remove key.
3. Open the hood.

Installation

Refer to Figures 1 & 2

1. Remove the tool boxes from the 3/4" Bracket.
2. Remove the toolbox brackets from the frame.

Refer to Figure 3

3. Remove the (4) M20 bolts holding the front bumper plate on.

Figure 1



Figure 2



Figure 3



Installation

Refer to Figures 4 & 5

4. Set the LANSSQT230L & R brackets on the LANSSQT240L & R brackets respectively. Use the 3/4 x 2" bolts (LANFB808), SAE Washers (LANFWS58), Flat Washers (REDWU58) and the center lock nuts (LANFXFY9) to connect them. Do not tighten yet.
5. Lift the combined brackets into place and bolt to the frame with the 3/4 x 2.5" bolts (LANFB810), Flat Washers (REDWU58) and the center lock nuts (LANFXFY9). Do not tighten yet.

Figure 4

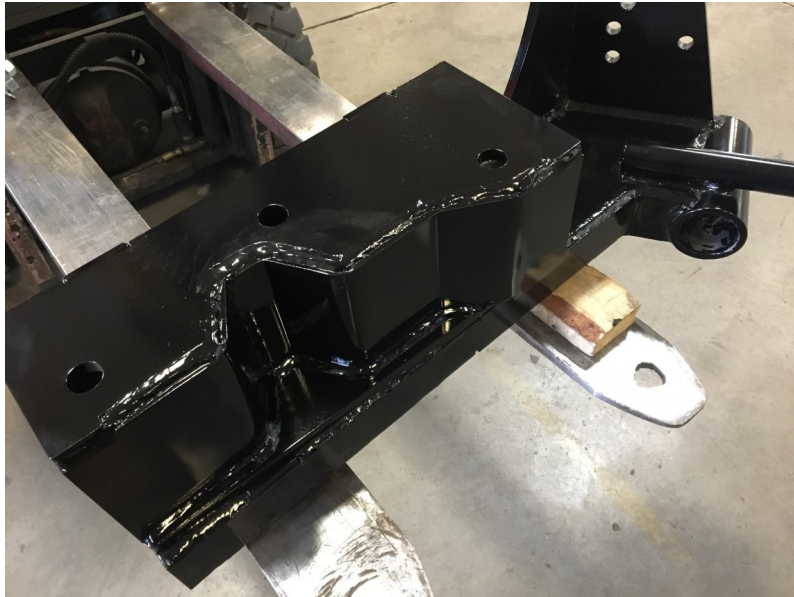


Figure 5



Installation

Refer to Figures 6-8

6. Install the 2.5" Pin (LANSSQT268) in each side. Use 5/8" x 1.5" bolts and the pin caps to keep the pins in place.
7. Install weldments LANSSQT253L & R onto their respective side. Cap the ends of the pins with the remaining bolts and pin caps.
8. Install the grease zerks into the 240 and 253 weldments to lubricate the pin.

Figure 6



Figure 7



Figure 8



Installation

Refer to Figures 9 & 10

9. 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.

10. Visually square the arm with the track and tighten 3/4" bolts on the frame completely.
11. Level the arm by adjusting the clevis on the cylinder.



Figure 9



Figure 10

Installation

Refer to Figure 11

12. Install Shoes (LANSS671-42BLK) onto arms.

Hardware Used:

LAN690830	5/8" Serrated Flange Nuts
RED706K	5/8" x 1.5" Carriage Bolts

Note: Install arm assemblies (LANSS672A-BLK) first, then mount the shoes (LANSS673-42200-BLK).



Figure 11



Figure 12

Installation

Refer to Figure 13

13. Install (2) LANHH4J6-60 Hoses to each cylinder and route around and behind the radiator.

Hardware:

6801-6-8 ORB 8M x JIC 6M Elbow

14. If the tractor has a tow cable, it can be stored on the pipe of LANSST253L and secured with the provided Hitch Pin (LANSS604).



Figure 13

Installation

Refer to Figures 14-19

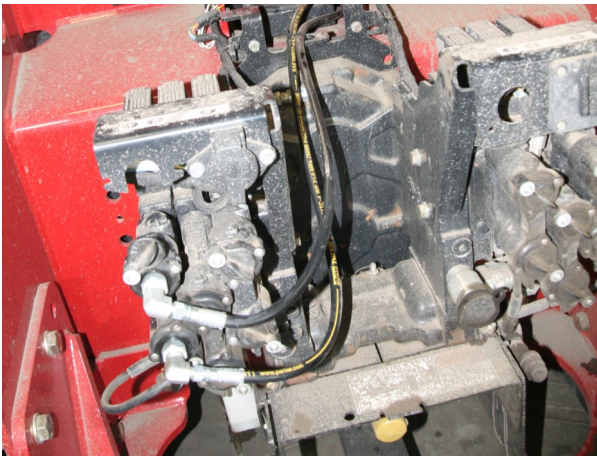
15. Install LANHH4J6-310 Hydraulic hose from rear remotes of tractor to front. Connect to 60" hydraulic hoses using Tee's.

Hardware:

2603-6	JIC 6M Tee
2501-6-8	JIG 6M x 1/2" NPT Elbow
8010-4P	Pioneer Quick Coupler

Note: The use of stiff wire may assist you in routing wire through rear housing of tractor. Zip Tie where needed.

Figures 14-19



Installation

Refer to Figure 20 & 21

16. Install the new toolbox mounting plates (LANSSQT231). Use the supplied 3/8" bolts, washers and serrated flange nuts.
17. Install the toolboxes with the original hardware.

Figure 20

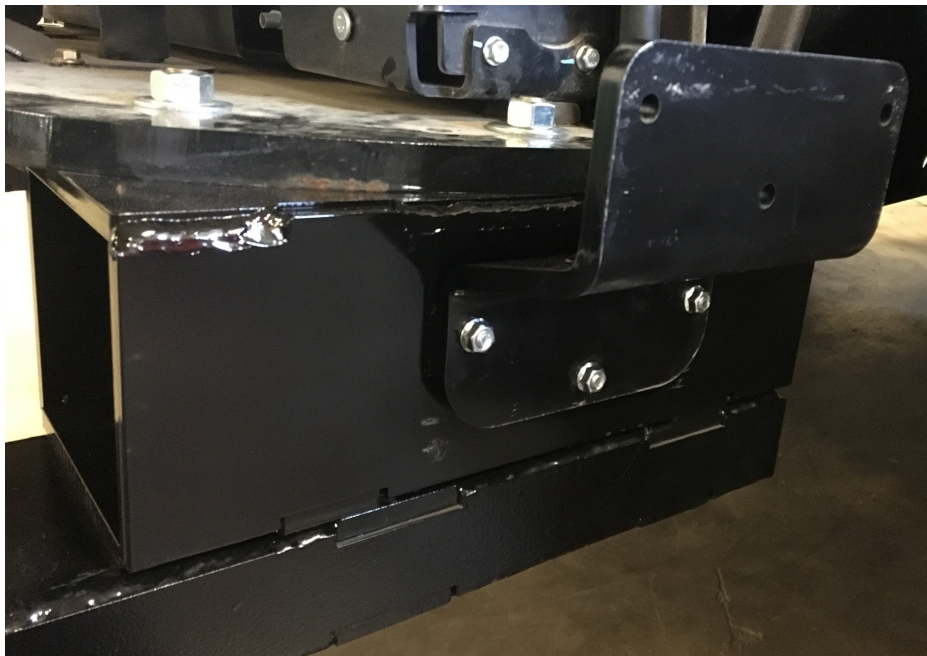
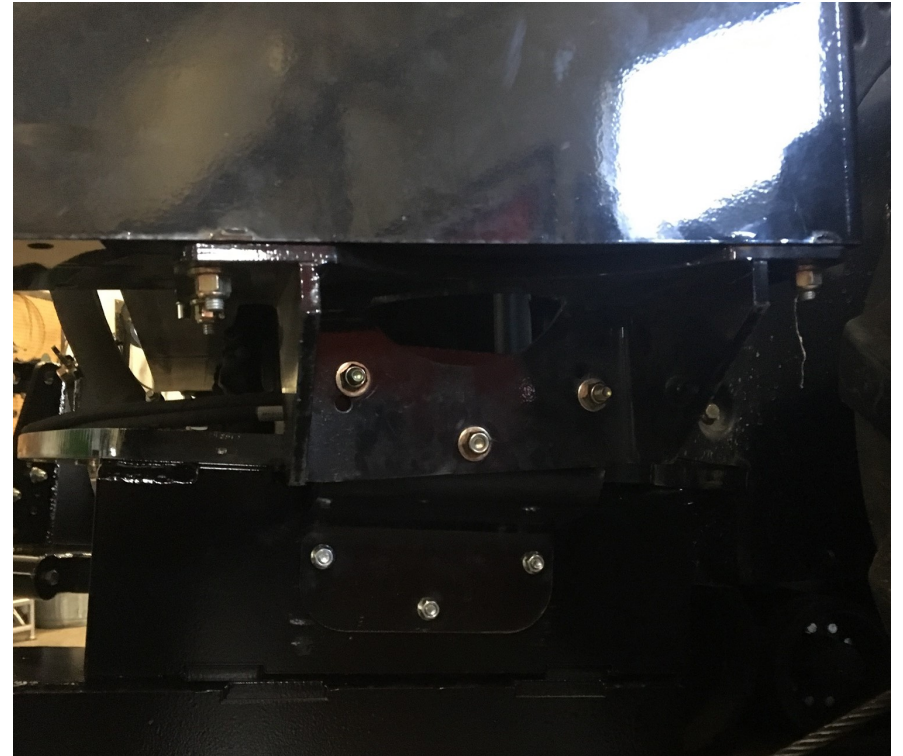


Figure 21



Installation

Refer to Figure 22

18. Adjust shoes to 1" above the ground by adjusting chain on shoe. Use block under shoe to loosen chain for adjustment.

Refer to Figure 23

19. Lift Shoe with hydraulics and adjust the stop (LANSSQT264) so shoe will not hit tool boxes.

Note: If all hydraulic remotes are used, the Stalk Stompers can be Tee'd together with implement raise/lower functions. Recommend replacing elbow with Tee at end of 310" hoses. Install female pioneer couplers in open port on Tee to allow easy implement hooking/unhooking. This hardware is not supplied.

Figure 22



Figure 23



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