

LAN84118

Installation Instructions

Convert 2004 or Newer Model Corn Head with Hydraulic Deck Plates from Single to Multi Point.

LANKOTA®

270 West Park Avenue

Huron, SD 57350















866-526-5682

Numerical Parts List

<i>Part Numbers</i>	<i>Description</i>	<i>Quantity</i>
LAN47229*	Clamp Yoke	4
LAN2414*	Wave Washer for Electrical Adapter	1
LAN2411*	Plastic Hex Nut for Electrical Adapter	1
LAN03M7185*	M8 1.25 25MM Carriage Bolt	7
LAN14M7298*	M8 1.25 Flange Nut	7
LAN14M7303*	M16 1.0 Flange Nut	4
LANQWKW*	M6 1.0 Flange Nut	4
LANFS680266*	Orb Adapter	2
LAN44302*	Zip Ties	2
LAN172176	Bracket LH Wiring	1
LAN128041	Bracket Fore/Aft	1
LAN209735	Wiring Harness	1
LAN206290	Harness Clip	1
LAN128240	Hydraulic Coupler Assembly – Female Lever	2

*included in bag of hardware.

Pictorial Parts List

 <p>LAN47229 (4)*</p>	 <p>LAN2414 (1)*</p>	 <p>LAN2411 (1)*</p>	 <p>LAN03M7185 (7)*</p>
 <p>LAN14M7298 (7)*</p>	 <p>LAN14M7303 (4)*</p>	 <p>LANQWKW (4)*</p>	 <p>LANFS680266 (2)*</p>
 <p>LAN44302 (2)*</p>	 <p>LAN172176 (1)</p>	 <p>LAN128041 (1)</p>	 <p>LAN209735 (1)</p>
 <p>LAN206290 (1)</p>	 <p>LAN128240 (2)</p>		

Preparation

1. Raise the head off the ground and properly support it giving enough clearance to work underneath the head.
2. Lower the safety stop on the combine.

1. Removing the Single Point Block

Refer to Figure(s) 1.1& 1.2

- 1.1 Remove single point coupler from the mounting bracket. Also remove straps, hose clamps and locking handle.
- 1.2 Remove hydraulic hoses from coupler. **(Note: the hoses are colored light blue and dark blue).**
- 1.3 Using a snap ring removal tool, remove the snap ring and the electrical cable from the single point block.

Figure 1.1



Figure 1.2



2. Removing Shields

Refer to Figure(s) 2.1 & 2.2

- 2.1 Remove the nuts from the left-hand shield under the corn head.
- 2.2 Remove the nuts from the right-hand shield under the corn head.

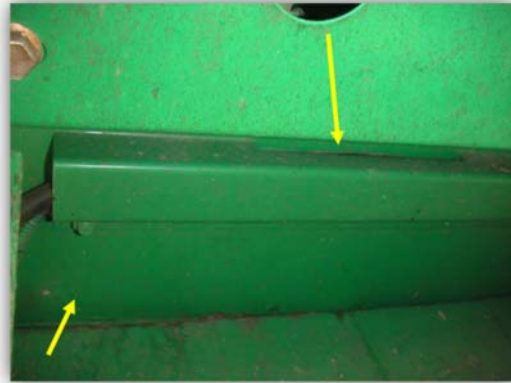


Figure 2.1

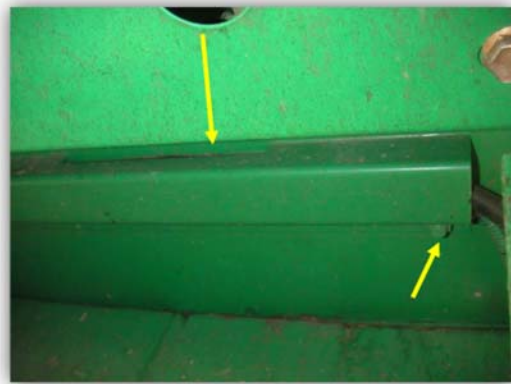


Figure 2.2

Refer to Figure 2.3, 2.4 & 2.4A

2.3 Pull the **light blue** banded hose down through the left side opening.

2.4 Pull the hose through the space where the shields were previously removed. Figure 2.4A shows a 2012 model year head. Pull hose through the space under the auger.

Figure 2.3



Figure 2.4



Figure 2.4A



Refer to Figure 2.5

- 2.5 Replace both left and right hand shields.
- 2.6 Pull hose through opening on right hand side.



Figure 2.5

3. Attaching Mounting Bracket to Head

Refer to Figure 3.1 & 3.2

3.1 Using existing holes on the right hand side (if applicable, some newer heads may not have existing mounting holes) to attach mounting bracket (LAN128041), and retain with three carriage bolts (LAN 03M7184)* and three lock nuts (LAN14M7298)*.

3.2 Using existing holes on the left hand side, attach mounting bracket (LAN172176), and retain with four carriage bolts (LAN03M7184)* and four locking nuts (LAN14M7298)*.

Figure 3.1



Figure 3.2



Refer to Figure 3.3 & 3.4

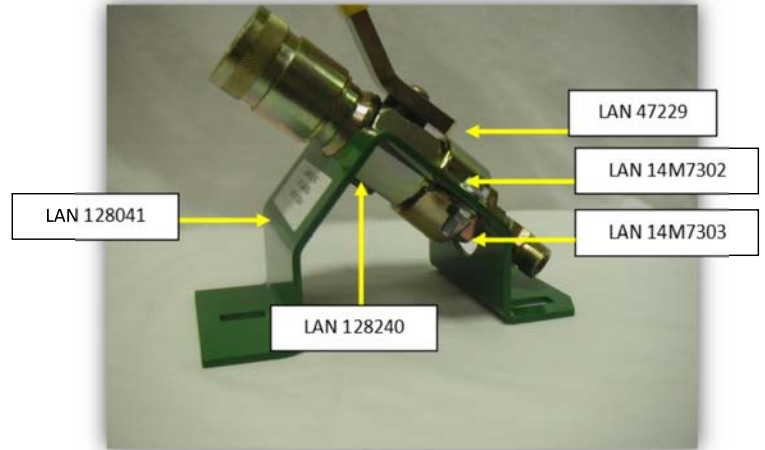
3.3 Insert 45 degree Hydraulic Fittings (LANFS680266) * into quick couplers (LAN128240). Do not completely tighten hydraulic fittings. Leave some room for adjustments.

3.4 Install quick coupler (LAN128240) to right hand mounting bracket (LAN128041) using two yokes (LAN47229)*, two bolts (LAN14M7302)* and two locking nuts (LAN14M7303)*.

Figure 3.3



Figure 3.4



Refer to Figure 3.5, 3.6 & 3.7

- 3.5 Attach right hand hose to hydraulic fitting (LANFS680266)* on hydraulic coupler (LAN128240) and tighten both hose and fitting.
- 3.6 Install quick coupler (LAN128240) to left hand mounting bracket (LAN 172176) using two yokes (LAN47229) *, two Bolts (LAN 14M7302) * and two nuts (LAN 14M7302) *.
- 3.7 Attach left hand hose to Hydraulic Fitting (LAN FS680266) *on quick coupler (LAN 128240) and tighten both hose and fitting.



Figure 3.5



Figure 3.6

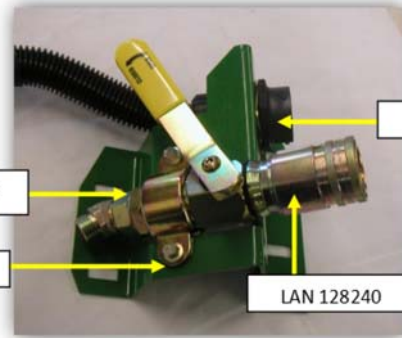


Figure 3.7

4. Electrical Adapter

Refer to Figure 4.1 & 4.2

4.1 Connect female end of electrical cable (LAN 209735) into male end previously removed from single point block. Slide bracket (LAN206290) over both cable ends and retain with 2 provided zip ties (LAN44302) *.

4.2 Slide other end of electrical cable (LAN209735) into the top opening of left side mounting bracket (LAN172176), and retain with washer (LAN2414)* and plastic nut (LAN2411) *. The bottom of the electrical connector has a flat spot and will only fit in bracket one way.

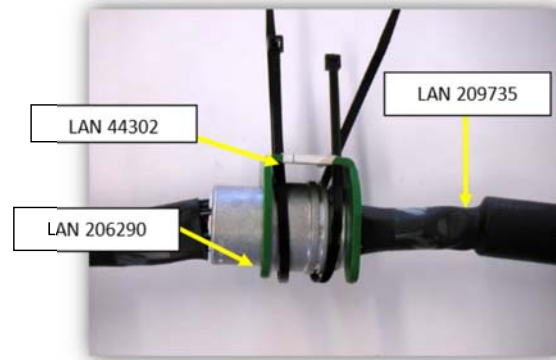


Figure 4.1



Figure 4.2

For further technical information you may contact Lankota Inc:
866-526-5682