

Lankota, INC.









LAN - 84151

**Converts 900 Series Platform Heads With
Reel Fore/Aft
To 60 Series Combines.**

Installation Instructions

LAN – 84151
Parts break down list

 <p>LAN - 166991</p>	 <p>LAN – EC300</p>	 <p>** LAN – 75167</p>
 <p>* LAN – 175880</p>	 <p>** LAN – 94522</p>	 <p>** LAN – 17108</p>
 <p>* LAN – 201010</p>	 <p>* LAN – 120847</p>	 <p>* LAN - 112567</p>
 <p>* LAN - 176288</p>	 <p>* LAN – 202510</p>	 <p>* LAN – 8025</p>
 <p>* LAN – 169568</p>	 <p>* LAN – 3M7189</p>	 <p>* LAN – 14H7298</p>

 <p>LAN - HB3416</p>	 <p>LAN - 176287</p>	 <p>LAN - 204826</p>
 <p>LAN - 202413</p>	 <p>LAN - 202414</p>	 <p>LAN - 202417</p>
 <p>LAN - 202415</p>	 <p>LAN - 202416</p>	

*** Items are included in bag of hardware**

**** Items are included in bag of hydraulic fittings**

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LAN 84151
Platform Head Adapter
Installation instructions

Converts 900 series platform heads to single point hook up on 60 series combines.

Preparation

1. Lower reel and insert bolts or pins into reel slide arms to prevent reel movement.
2. Remove head from combine.

Hose Holders (See Figure 1)

1. Measure the top beam of feeder house opening to find the center and mark.
2. From center mark, measure to the right and left 38 inches and mark.
3. Using all three marks, measure from the front edge of beam back $2 \frac{1}{16}$ inches and mark each one.
4. ***Before drilling holes make sure that no lines or wires are under the marks made in step 3.*** Drill a $\frac{17}{64}$ inch hole at each marking. **(3 TOTAL HOLES)**
5. After drilling the 3 holes thread the holes using an 8mm by 1.25mm tap.

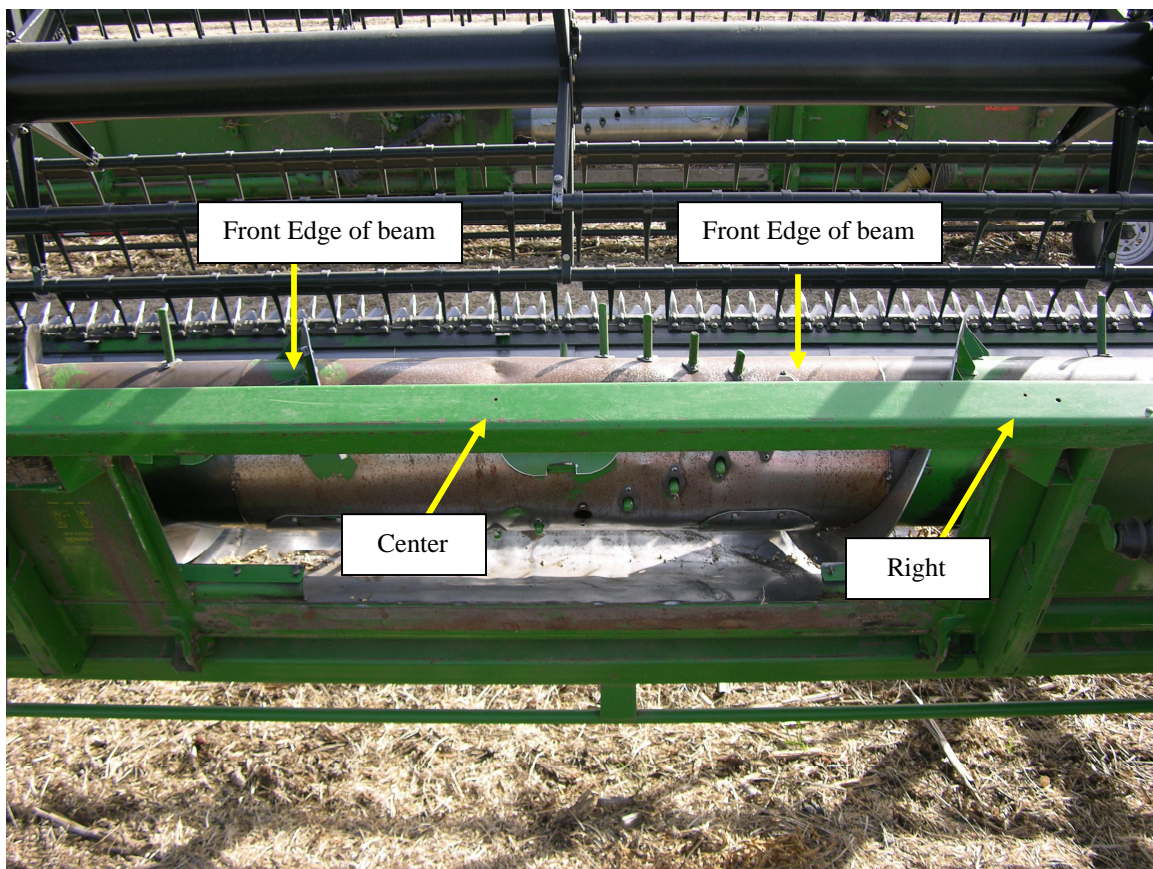


Figure 1

Mounting storage bracket for single point Coupler

1. Utilizing the chart with the recommended dimensions begin measuring from the left side bracket that holds both the electrical and hydraulic couplers. Measure over the appropriate distance as per **CHART 1**, for the head you have. (**Note: Picture shows installation on a 930F head**). Measure from the top left bolt to the top right bolt hole that will hold the Multi-coupler bracket in place and mark. (**See Figure 2**).

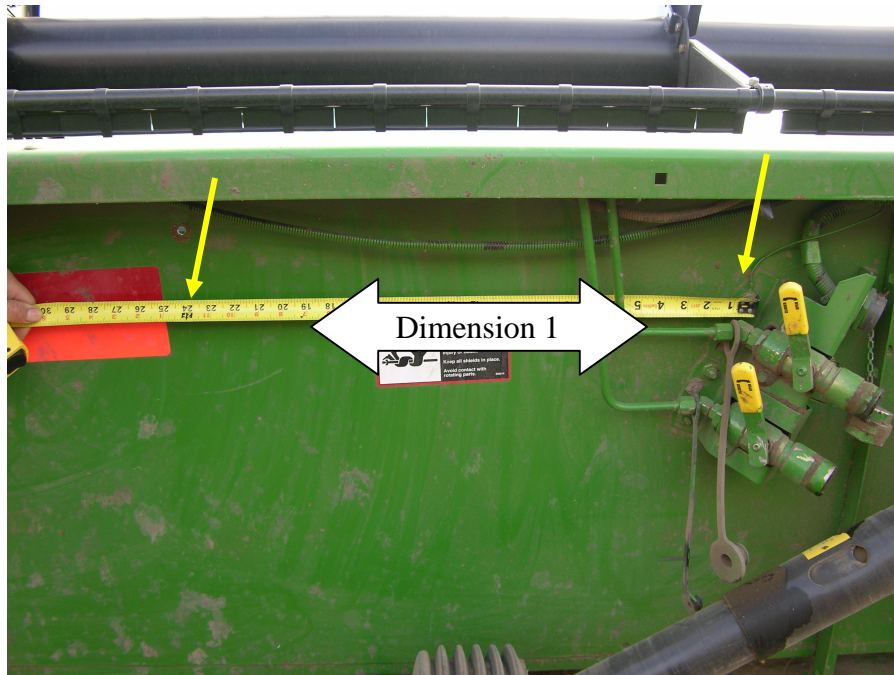


Figure 2

Platform	Dimension 1	Dimension 2
915	12'	6-7/8"
918	24"	4-7/8"
920	22 5/8"	3"
922	24"	1-1/2"
925	24"	1-1/2"
930	24"	1-1/2"

Chart 1

2. Measure from the bottom lip on the top beam down on the backside of the head and mark according to chart 2 below. (See **Figure 3**)

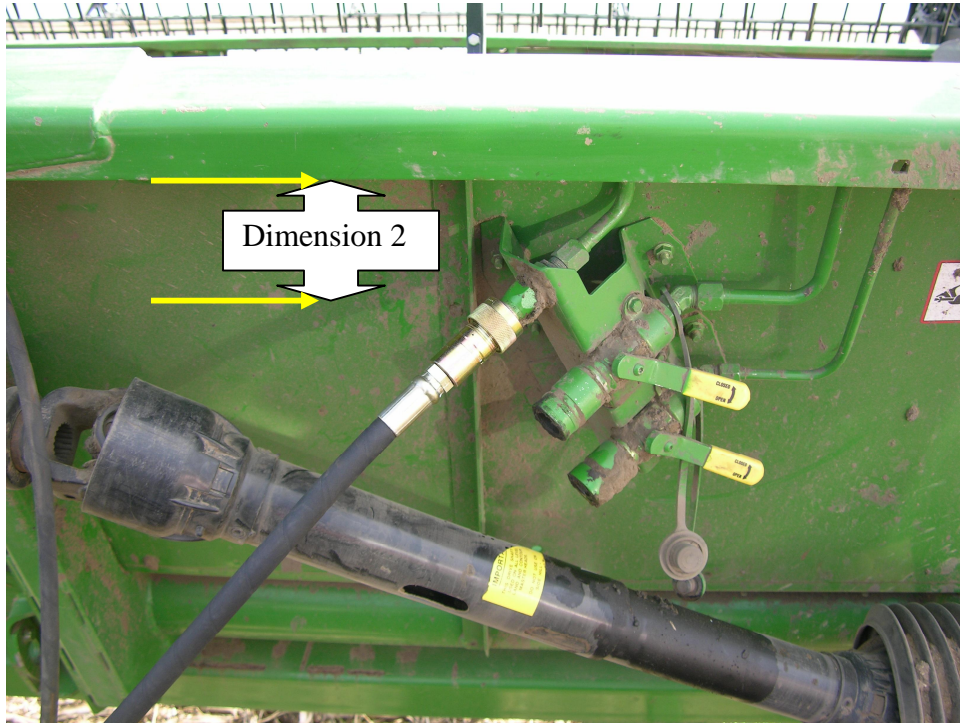


Figure 3

Platform	Dimension 1	Dimension 2
915	12"	6-7/8"
918	2"	4-7/8"
920	22 5/8"	3"
922	24"	1-1/2"
925	24"	1-1/2"
930	24"	1-1/2"

Chart 2

3. After marking the top right hole for the Storage Bracket (**LAN 204826**), hold bracket to the back of the head and mark the remaining 5 holes. (See **Figure 4**)
4. Drill the six holes using a 17/64 inch drill bit for the Storage Bracket (**LAN – 204826**) and mount the bracket to the head using the provided Carriage Bolts (**LAN – 8025**) and Nuts (**LAN – 14H7298**). (See **Figure 4**)



Figure 4

5. Peel protective coating off Rubber Pad (***LAN - 201010**) and apply to bracket. (See **Figure 5**)

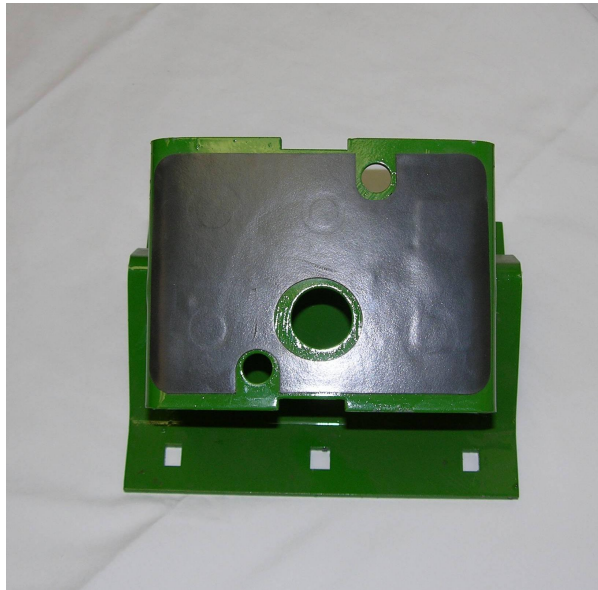


Figure 5

6. Locate Rubber Plug (*LAN – 176288) and push into round hole on the Storage Bracket. (See Figure 6)



Figure 6

7. Attach handle (LAN – 176287) to bracket using supplied Shoulder Bolts (*LAN - 169568). (See Figure 7)

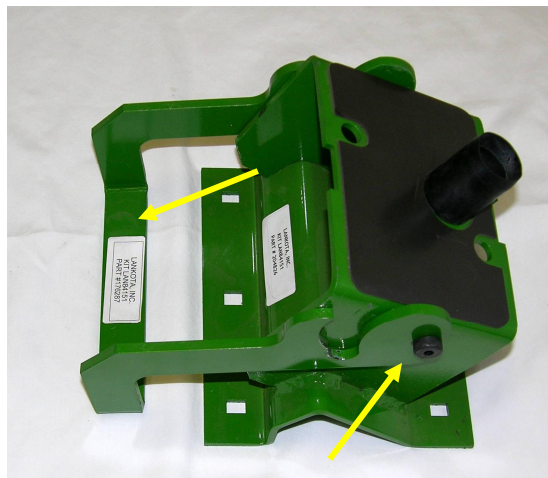


Figure 7

Installing and Routing of Hydraulic Hoses.

1. Locate opening under the top beam on the left hand side of the head that goes above feeder house opening. There are cables already running underneath it. Taking the Hydraulic Hose marked with the **dark blue** band (**LAN - 202415**) run the male end from left to right. (See **Figures 8 & 9**)

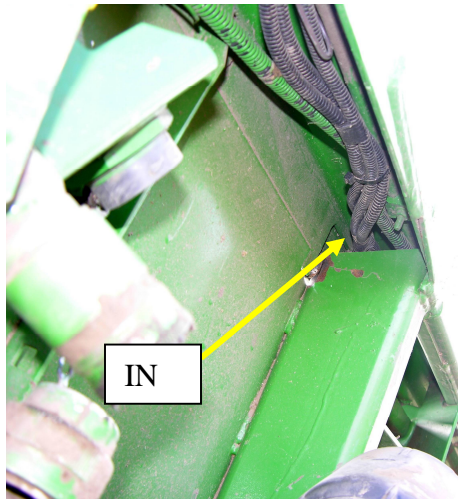


Figure 8



Figure 9

2. Locate one Hydraulic Male Poppet (**LAN – 17108). Attach the fitting to the hose with the **dark blue** band (LAN – 202415). (See **Figure 10**)



Figure 10

3. Plug the hose into lower right hand coupler. (See Figure 11)



Figure 11

4. Locate the red marked Hydraulic Hose (LAN – 202414) and attach Large Female Hydraulic Coupler (**LAN – 75167). (See Figure 12)



Figure 12

5. Attach Hydraulic Hose (LAN – 202414) to upper right hand male plug. (See Figure 13)



Figure 13

6. Locate the yellow marked Hydraulic Hose (LAN – 202417) and attach Large Male Hydraulic Poppet (**LAN – 94522) to male end of hose. (See Figure 14)



Figure 14

7. Attach Hydraulic Hose (**LAN – 202417**) to the middle female coupler. (See **Figure 15**)

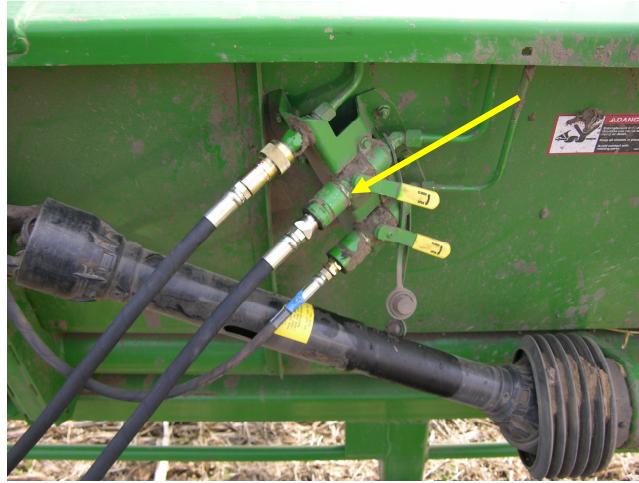


Figure 15

8. From the bag of hardware, locate six Hose Holders (**LAN – 120847**), three Top Plates (**LAN – 112567**) and three Bolts (**LAN – 3M7189**). These items will be used in the next assembly step. (See **Figure 16**)

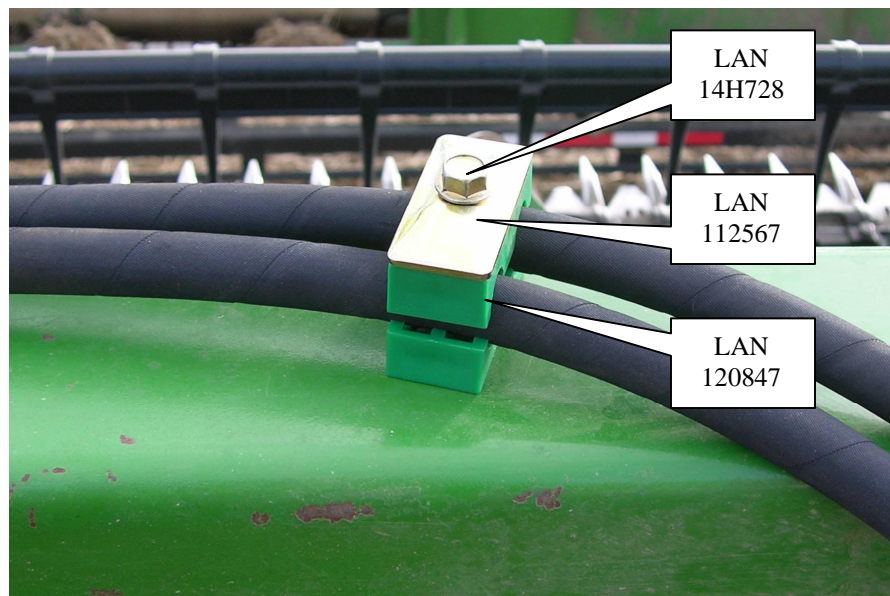


Figure 16

9. Run both the red and yellow Hydraulic Hoses (**LAN - 202414 & LAN - 202417**) over the top beam and secure with hardware from the previous step into the three holes drilled and tapped in **Figure 1**. Do not completely tighten bolts as to allow lines to move freely through the holders until assembly is completed.



Figure 17

10. Attach Large Male Hydraulic Fitting (**LAN – 94522) to green banded Hydraulic Hose (LAN – 202416) connecting with the Male/Female Adapter (LAN-HB3416). (See **Figure 18**)

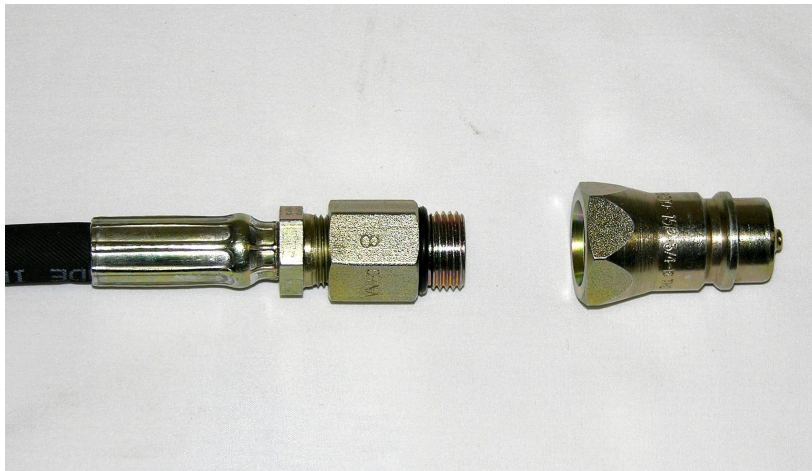


Figure 18

11. Plug green hose into top left hydraulic plug. (See **Figure 19**)



Figure 19

12. Attach second Small Male Hydraulic Poppet (**LAN – 171018) on the **light blue** banded hose (LAN – 202413). (See **Figure 20**)



Figure 20

13. Plug light blue Hydraulic Hose (LAN – 202413) into lower left hand port.

(See Figure 21)



Figure 21

Electrical Conversion

For Heads with 31 pin connections skip next 2 steps.

16 pin electrical (Dial O Matic) Ridged platforms

When using the **EC 100** Adapter Cable on a **ridged head**, remove and peel back protective plastic covering. Locate the wire connected to the **# 28** pin as shown in **Figure 22** and cut wire. Tape both ends of the wire with electrical tape to prevent ends from shorting out. Re-install protective sheath and tape. Connect **LAN-EC100** to **LAN-EC300** adapter cable (31 pin to single point connector). (See **Figure 22**)



Figure 22

16 pin electrical (Dial O Matic) Flex Platforms

When using **LAN-EC100** adapter cable on a **flex platform** head you must remove protective sheath that covers wires on 31 pin end. Locate and cut wire to pin #17. Tape both ends of the wire with electrical tape to prevent ends from shorting out. Re-install protective sheath and tape. Connect **LAN-EC100** to **LAN-EC 300** adapter cable (31 pin to single point connector). (See **Figure 23**)



Figure 23

31 Pin Electrical heads both ridge and flex (Potentiometer)

If head to be converted is a newer model, with 31 pin connector, the Adapter Cable (**LAN – EC300**) supplied with this kit can be connected directly to the connector on back of head. (See **Figure 24**)



Figure 24

Assembling the Multi-coupler block

1. After connecting and running all the hoses to the appropriate spots, make sure there is enough slack in the lines to connect the hoses to the Single Point Connector (**LAN – 166991**).
2. Attach hoses to the color coded couplers on the Single Point Connector. (See **Figure 25**)



Figure 25

3. Attach the electrical connector (**LAN – EC300**) to the block and retain with the provided Snap Ring (***LAN-175880**). (See **Figure 26**)

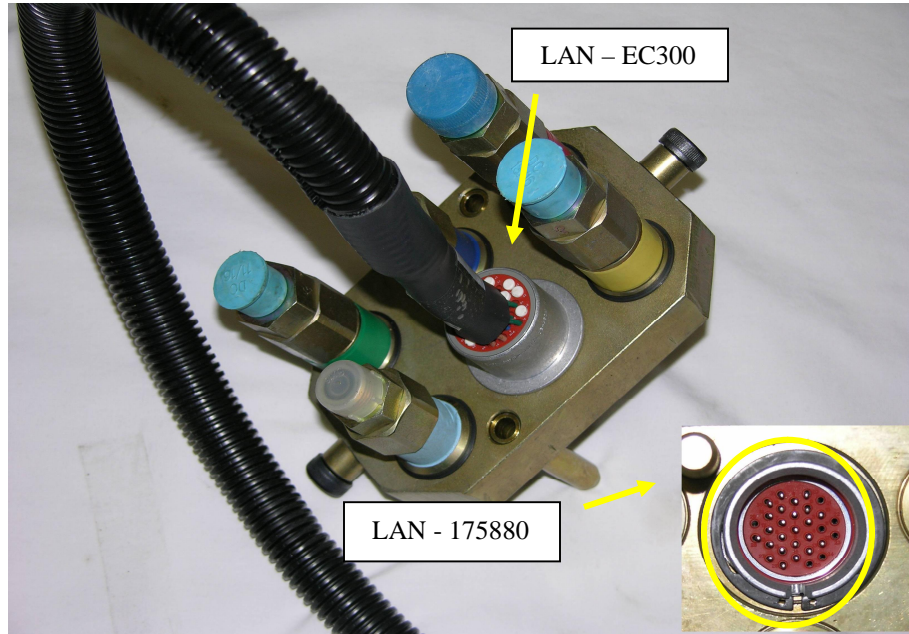


Figure 26

4. Place the Single Point Connector onto the mounting bracket and secure the handle to hold the Single Point Connector in place.
5. Finish the installation by securing all loose hoses with Velcro Straps (**LAN-202510**) provided and tighten the three bolts on the top rail attaching hose holders to frame.

For further technical information you may contact:

**Lankota Inc
(866) 526-5682**