














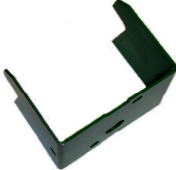


Lankota, Inc.

LAN - 84108

Installation Instructions

**Converts 90 Series Corn Heads
With Hydraulic Deck Plates
To Single Point Hook Up
On 60 series combines.**

LAN – 84108
Parts break down list

 <p>LAN - 166993</p>	 <p>LAN – EC300</p>	 <p>* LAN – 25162</p>
 <p>* LAN – 175880</p>	 <p>* LAN – 20273A</p>	 <p>LAN – 1022</p>
 <p>* LAN – 201010</p>	 <p>* LAN – 202073</p>	 <p>* LAN – 202510</p>
 <p>* LAN - 176288</p>	 <p>* LAN - 169568</p>	 <p>LAN – 169707</p>
 <p>LAN – 202866</p>	 <p>LAN - 204825</p>	 <p>LAN - 1762881</p>
 <p>* LAN – 6FF</p>		

* Items are included in the bag of hardware
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LAN 84108
Installation Instructions
Converts 90 Series Corn Heads with hydraulic deck plates
to single point hook up on 60 series combines.

Preparation

1. Raise the feeder house, lifting the corn head completely.
2. Shut off the engine, set the parking brake, and lower the safety stop.
3. Always remove paint from areas to be welded to avoid toxic fumes. Always paint, grind, or weld in well ventilated area.

492 – 693 Corn Heads

Welding

1. On the left hand edge of the head, position tube (**LAN-1022**) parallel with edge of frame. (See **Figure 1**)
2. Weld tube to frame.
3. Weld top of tube to top beam of frame. Allow to cool. Now would be an appropriate time to prime and paint if desired.
4. Position storage bracket (**LAN-204825**) onto tube, approx. 2 5/32 inches from bottom of top beam and weld bracket to tube.

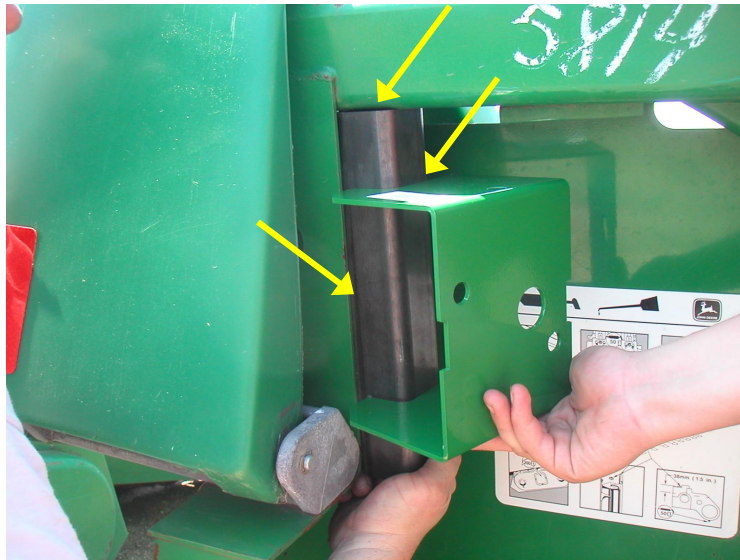


Figure 1

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694 – 1293 Corn Heads

Welding

1. Position storage bracket (**LAN-204826**) onto back shaft support tube, approx. 2 5/32 inches from top beam.
2. Weld top and bottom bracket. (See **Figure 2**)

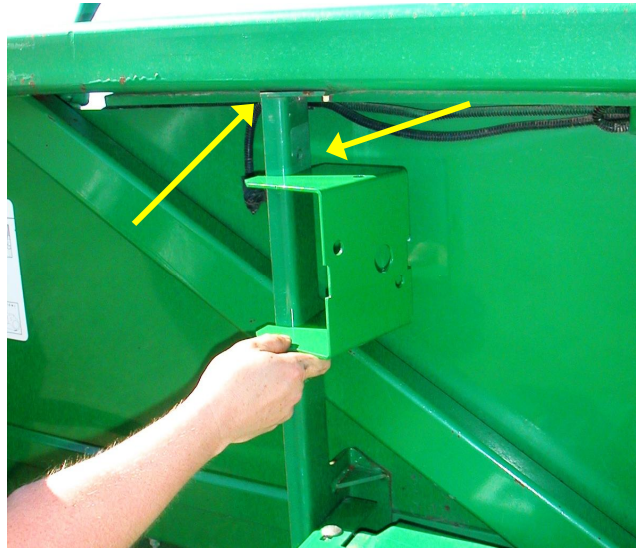


Figure 2

Installation for all heads

1. Install handle (**LAN-202866**) onto storage bracket and retain with two Shoulder Bolts (***LAN-169568**).
2. Install rubber pad (***LAN-201010**) and rubber plug (***LAN-176288**). (See **Figure 3**)

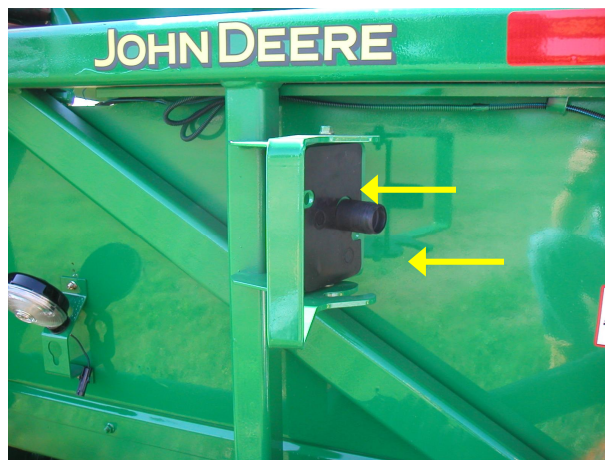


Figure 3

* Items are included in the bag of hardware

Hydraulic Coupler

1. Disconnect hose from left-hand hydraulic coupler. (See **Figure 4**)
2. Install Cap (***LAN-6FF**) onto left hand hydraulic coupler. (See **Figure 4**)

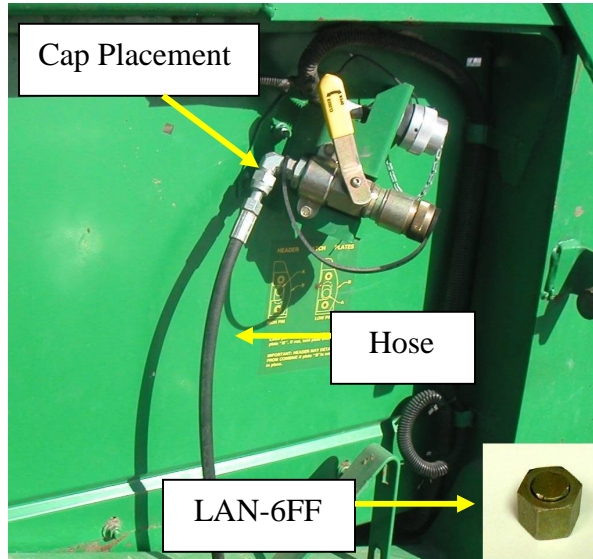


Figure 4

3. Disconnect hose from right hand hydraulic coupler. (See **Figure 5**)
4. Install Cap (***LAN-6FF**) onto right hand hydraulic coupler. (See **Figure 5**)

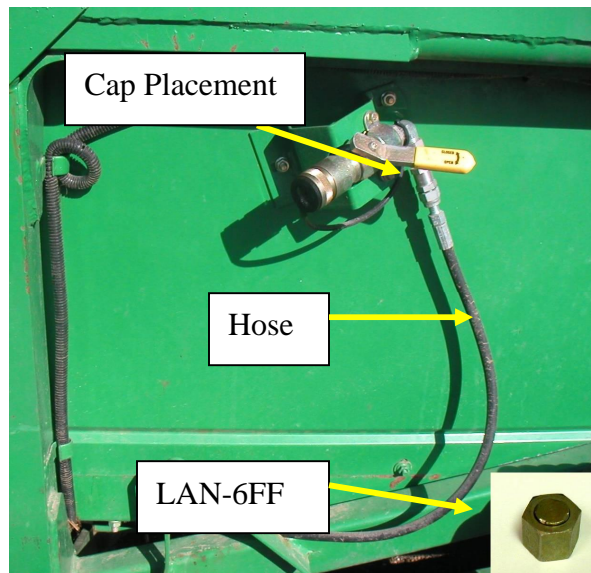


Figure 5

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5. Pull right-hand hydraulic hose down through opening on the right hand side of feeder house opening. (See **Figure 6**)



Figure 6

Corn Head Shield

1. Remove nuts and right-hand shield under corn head.
2. Route the right hand hose to left-hand side of corn head, reinstall shield and retain with nuts removed earlier. (See **Figure 7**)

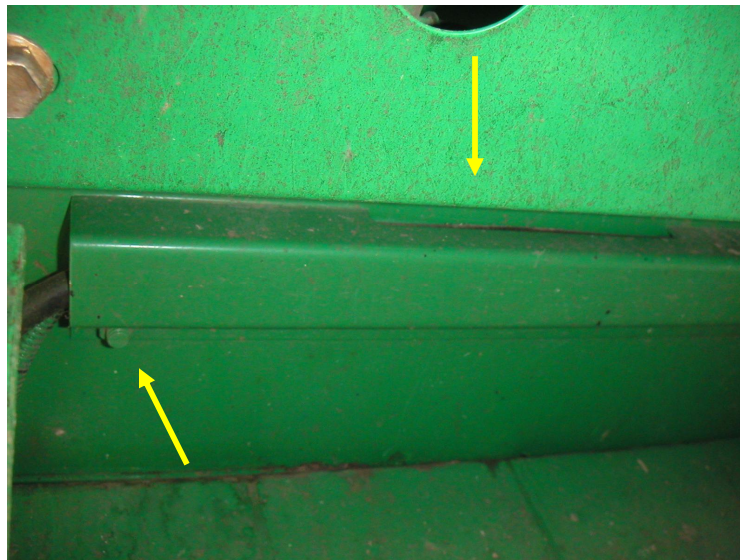


Figure 7

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3. Remove nuts and left-hand shield under corn head.
4. Route the right-hand hose along with existing left-hand hose. Re-install shield with the nuts removed earlier. (See **Figure 8**)

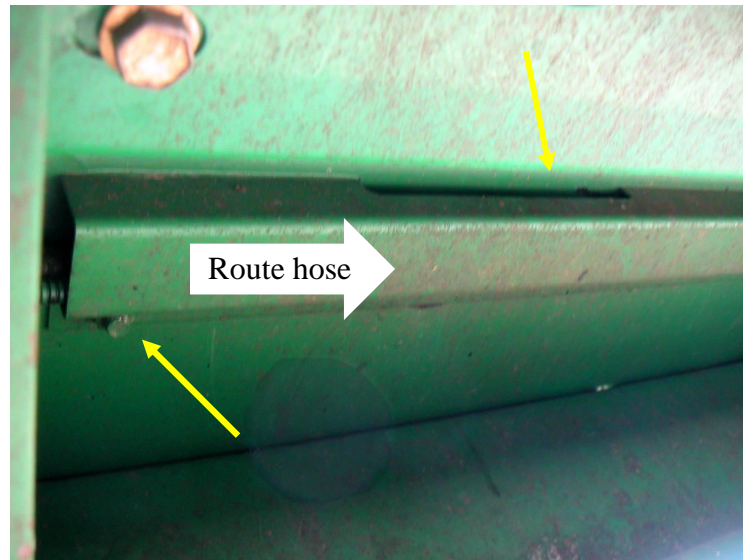


Figure 8

5. Route right-hand hose up through opening. (See **Figure 9**)

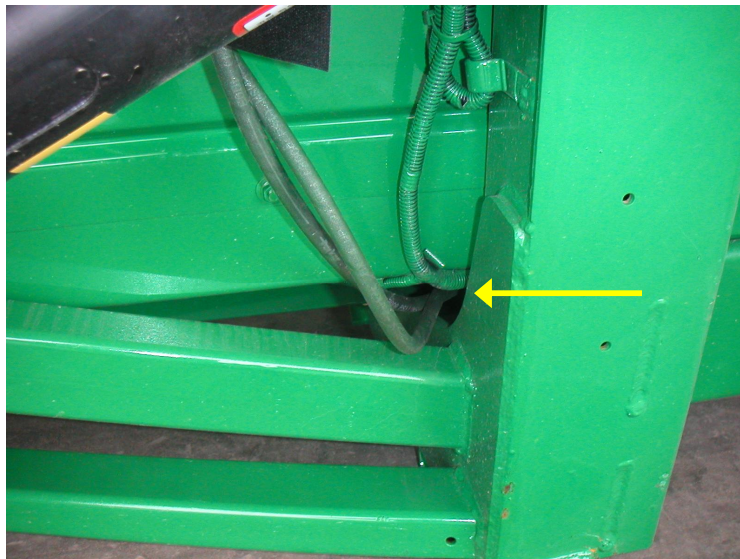


Figure 9

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Electrical Connections (for heads Model Year 2000 and after skip to 31 Pin Electrical Heads)

16 Pin Electrical Heads (1999 and earlier)

1. If older model heads with 16 pin electrical cables are to be converted to 60 series combines, two adapter cables must be used. **LAN-EC100** (16 pin to 31 pin) plus **LAN-EC300** (31 pin single point hookup). (See **Figure 11**)

NOTE: When utilizing **LAN-EC100** in this application, you must identify and cut the dark blue wire that goes to terminal #16. Tape both ends of the blue wire after cutting to prevent an electrical short. (See **Figure 10**)

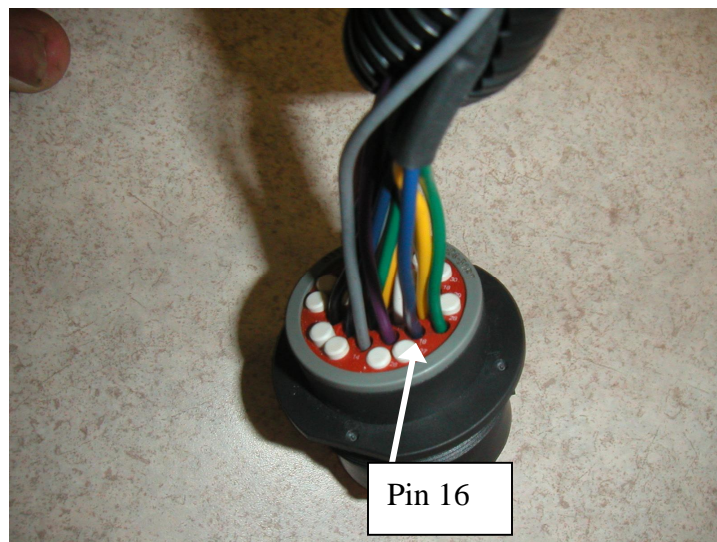


Figure 10

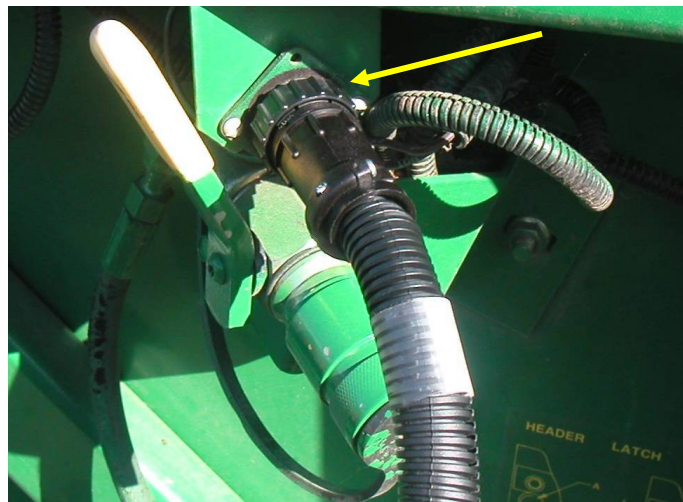


Figure 11

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31 Pin Electrical Heads

1. Attach Electrical Cable provided in the kit (**LAN-EC300**) to existing 31 pin connection on the head. (See **Figure 12**)



Figure 12

Hose and Harness Extension *(Items with * are in the bag of hardware)*

1. Attach the Hose Extensions (**LAN – 169707**) to the left and right side hoses.
2. Install left-hand hose extension (**LAN – 169707**) onto Multi-Coupler (**LAN – 166993**) at connector with dark blue locator. (See **Figure 13**)
3. Install right-hand Hose Extension (**LAN – 169707**) onto Multi-Coupler (**LAN – 166993**) at connector with light blue locator. (See **Figure 13**)
4. Install electrical harness connector into multi-coupler and retain with Snap Ring (***LAN-175880**). (See **Figure 13**)

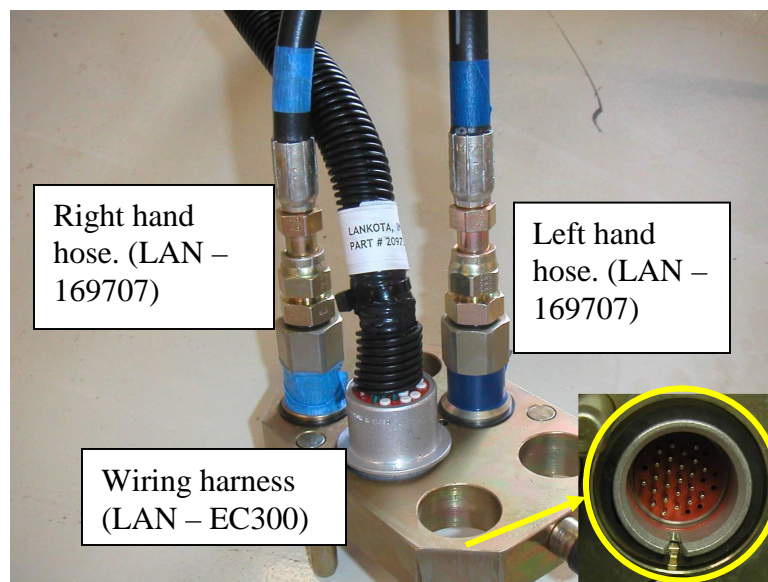


Figure 13

* Items are included in the bag of hardware

5. Install multi-coupler onto storage bracket and close handle. (See **Figure 14**)



Figure 14

6. Retain hose extensions to back sheet metal with clamps (*LAN-25162), Carriage Bolts (*LAN-202073) and Nuts (*LAN-202073A). Simply position holes and clamps in area easily accessible. Use Velcro straps (*LAN-202510) to take up extra slack in hoses. (See **Figure 16**)

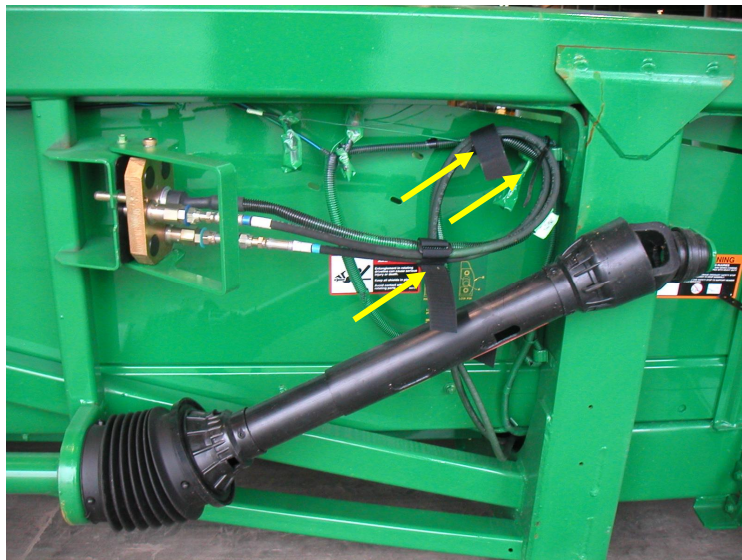


Figure 16

For further technical information you may contact:

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

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