LAN84112 **Installation Instructions**

Converts 900 Series Draper Heads With Hydraulic Reel Fore/Aft to Single Point Combines.

LANKOTA

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Huron, SD 57350

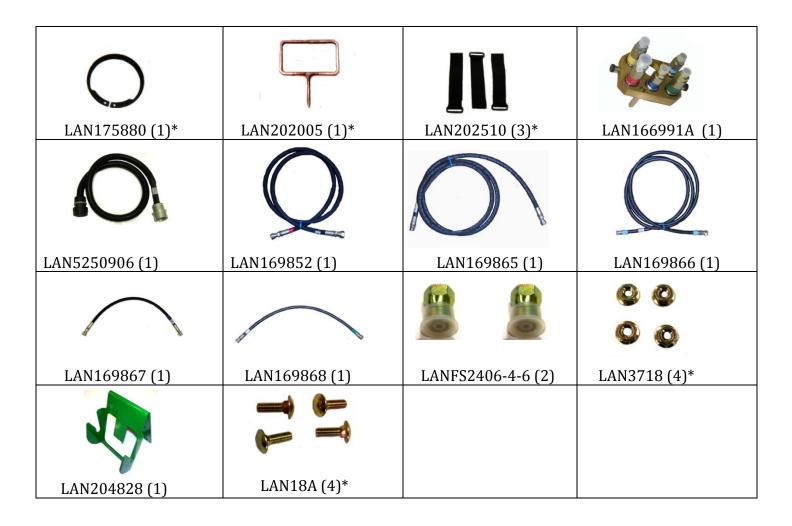
866-526-5682

Numerical Parts List

Part Numbers	Description	Quantity
LAN175880*	Snap Ring	1
LAN202005*	Hose/Cable Holder	1
LAN202510*	Velcro Strap	3
LAN166991A	Multi-Coupler Block w/ 2 Small & 3 Large Fittings	1
LAN5250906	Electrical Wire Harness (EC300)	1
LAN169852	96.25" ½" Hydraulic Hose	1
LAN169865	124" ½" Hydraulic Hose	1
LAN169866	125" ¼" Hydraulic Hose	1
LAN169867	28.5" ¼" Hydraulic Hose	1
LAN169868	28.5" ¼" Hydraulic Hose	1
LANFS2406-4-6	#4 Female Face Seal x #6 Male Face Seal	2
LAN3718	3/8" – 16 Serrated Lock Nut	4
LAN204828	Storage Bracket	1
LAN18A	3/8" – 16 x 1.0" Carriage Bolt	4

^{*}included in bag of hardware.

Pictorial Parts List



Preparation

- 1. Place head on ground or header trailer.
- 2. Raise reel and lower reel safety stops.
- 3. Remove head from combine.

1. Installation Instructions

Refer to Figure(s) 1.1 & 1.2

- 1.1 Measure from top of the attachment frame down 1 ¼". Position bottom of Hose Holder (LAN202005)* on mark and align straight with frame. Weld to frame.
- 1.2 Position storage bracket on left side of feeder house opening on header. Locate an open area that will not interfere with drive shaft storage. Allow for adequate hose and electrical length for the multi-coupler.
- 1.3 Drill the four holes using a 3/8" drill bit for the storage bracket (LAN204828) and mount the bracket to the head using the provided carriage bolts (LAN18A)* and nuts (LAN3718)*.

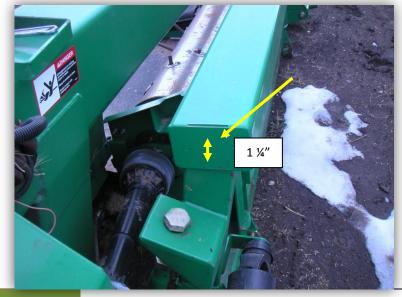


Figure 1.1

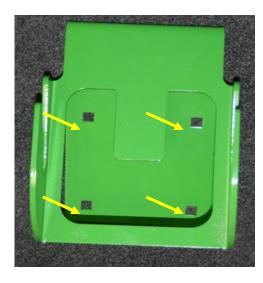


Figure 1.2

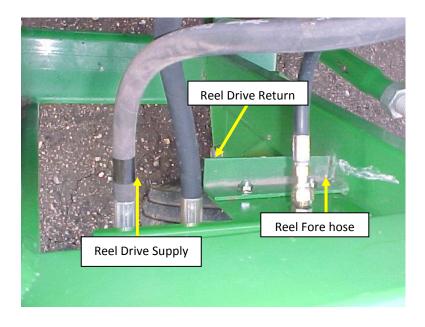
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2. Routing and Adding Hydraulic Lines

Refer to Figure(s) 2.1 &2.2

- 2.1 Remove hydraulic lines from right side bracket, noting the location of each hose. Remove the bracket and hardware. Keep bracket and hardware if head is to be converted back to a multipoint connection at a later point.
- 2.2 Remove 6 bolts holding the shield on the main gear box, remove shield.

Figure 2.1

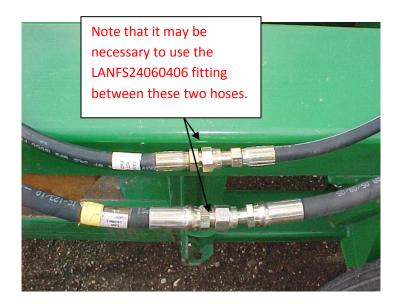


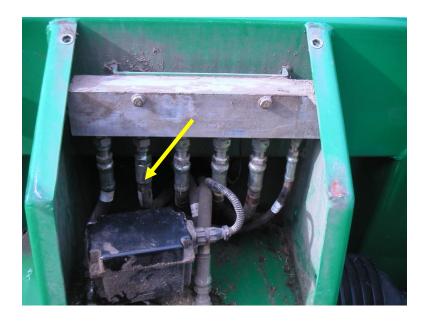


Refer to Figure(s) 2.3& 2.4

- 2.3 Attach yellow hose (LAN169865) to reel drive hose that is unhooked. Attach light blue hose (LAN169886) to reel fore hose that is also unhooked.
- 2.4 Tape the hoses from Figure 2.3 to the reel drive return hose that runs to the manifold on the other side of the header, locate the reel drive return hose on the manifold and disconnect from manifold. Location of the hoses varies depending on the model of the head.

Figure 2.3



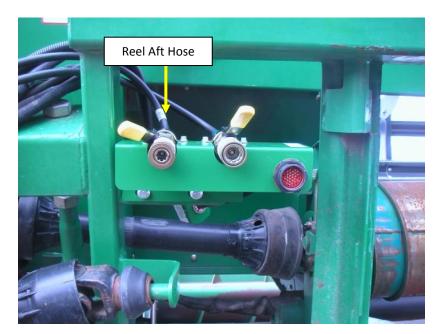


Refer to Figure(s) 2.5 & 2.6

- 2.5 Pull taped hoses from right side opening through the left side opening.
- 2.6 Un-tape hydraulic hoses that were just pulled through left side opening.
- 2.7 Tape hydraulic hose (LAN169852) with red band to reel drive return hose that was just pulled through without a hose extension. Now pull hoses to the manifold, and connect (LAN169852) where previous hose was removed from the manifold. Keep manifold hose after installing new hydraulic extension hose on manifold if head is to be converted back to a multi-point connection at a later point.
- 2.8 Reinstall shield removed in Figure 2.2 using original hardware.
- 2.9 Remove hose from small coupler on the left side bracket and attach dark blue hydraulic hose (LAN169867) extension to original hose.

Figure 2.5

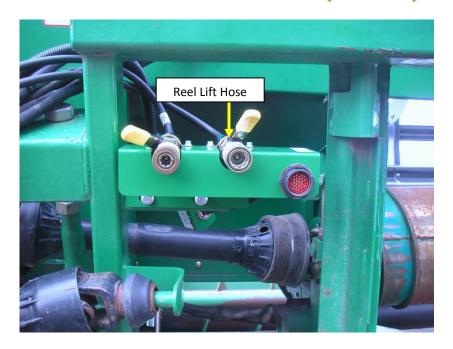




Refer to Figure 2.7 & 2.8

- 2.10 Remove the other hose from the large coupler on the left side bracket and attach green hydraulic hose (LAN169868) extension to original hose.
- 2.11 Remove nut holding the electrical connector to the bracket and remove the connector.
- 2.12 Remove left side hydraulic bracket from the head. Keep bracket and hardware if head is to be converted back to a multi point connection at a later point.
- 2.13 Route hoses through hose holder (LAN202005)* welded to frame in Figure 1.1.

Figure 2.7





3. Connecting hoses to multi-coupler blocks

Refer to Figure(s) 3.1 &3.2

- 3.1 Attach hoses to coupler block (LAN166991) according to colors on the hoses and block.
- 3.2 Attach electrical connector (LAN5250906) to connector removed in Figure 2.8

Figure 3.1

Figure 3.2





Refer to Figure 3.3

- 3.1 Install electrical harness into multi-coupler block and retain with snap ring (LAN175880)
- 3.2 Finish the installation by double checking all hydraulic and electrical connections. Secure any loose hoses and/or wiring with velcro straps (LAN2025140)*. Install multi-coupler block into holding bracket.
- 3.3 Remove locking pins from reel slide arms installed at beginning of this manual.

Figure 3.3



For further information, you may contact:

Lankota Inc.

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