

LANHP202

Installation Instructions

Drive Shaft Hanger Bracket Kit for Platform Heads with Hex Shafts

LANKOTA[®]

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Numerical Parts List

Part Numbers	Description	Qty
LAN103A	Corn Hanger Bearing Mount A	2
LAN103B	Corn Hanger Bearing Mount B	2
LAN105	Bearing Flange	4
LAN207205SA	Round Bearing	2
LAN18A	3/8" x 1.0" Carriage Bolt	10
LAN3718	3/8" Serrated Flange Nut	10

Pictorial Parts List

					
LAN103A (2)	LAN103B (2)	LAN105	LAN207205SA (2)	LAN18A (10)	LAN3718 (10)

Preparation

1. Remove chain sprockets and protective tubing from left and right jackshafts on head.
2. Remove clutch assembly from right side of head.
3. Attach header to combine.
4. Lock header safety bar into proper position.
5. Always wear proper safety equipment.

Kit Installation

Refer to Figure 1

1. On the left side of the header, measure 38 inches (this measurement is assuming you are using LANKOTA drive shafts) from the outer end of feeder house drive shaft on combine to jackshaft of header and mark.
2. Cut and remove this portion of the shaft. A chop saw clamped onto the shaft works well. This eliminates the need to remove the shaft from header.



Figure 1

Kit Installation

Refer to Figures 2 & 3

3. To install additional hanger bearing, place round bearing (LAN207205SA) between two flanges (LAN105) and mount to bearing support B (LAN103B) using (3) carriage bolts (LAN18A) and nuts (LAN3718). Install on header jackshaft.

Note: Always bolt Round Bearing (207-205SA) to feeder house side of Hanger Bearing Mount (LAN 103) allowing for bearing removal if required.

4. Slide bearing hanger onto shaft.
5. Measure length of bare shaft where protective plastic tube was removed. Modify protective plastic safety tube to accommodate new length of shaft.
6. Remove hanger bearing.
7. Reinstall modified plastic tube and hangar bearing. Check all components for proper fit.
8. Attach hanger bearing mount A (LAN103A) to LAN103B with (2) carriage bolts (LAN18A) and nuts (LAN3718). Leave slightly loose.
9. If there are no predrilled holes to attach mount; after bearing mount is positioned as needed, mark back of header through two 3/8" holes in bearing mount A.
10. Drill out marks with a 3/8" drill bit. Secure to header by running two 3/8" bolts (not provided) through front of header out the back.

Note: Use large area washers (not provided) under bolt heads to avoid sheet metal cracks. Tighten using lock nuts (not provided) on back side of header.



Figure 2

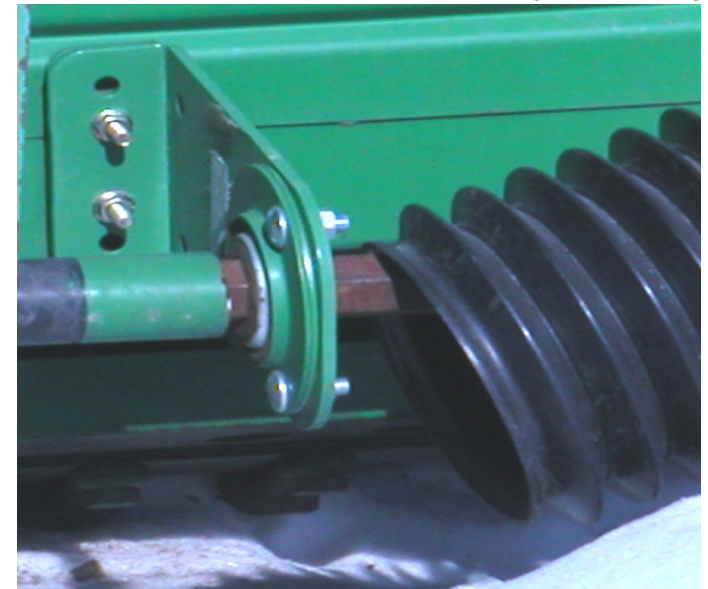


Figure 3

Kit Installation

Refer to Figure 4

11. If the clutch, protective bell shield and protective tube are not removed from jackshafts already, do so.
12. Measure 38 inches (this measurement is assuming that you are using LANKOTA drive shafts) from outer end of feeder house drive shaft on combine to header jackshaft and mark on header shaft.
13. Now mark 19 inches to the right and the left of that line and cut header shaft on those two marks (not the middle mark). A chop saw clamped onto the shaft works well. This eliminates the need to remove the shaft from header.
14. Discard the middle chunk of shaft you removed. Using the given pipe (LAN1190), splice the two remaining shafts back together and weld shaft to pipe around both ends. Shaft and pipe connection must remain as true as possible to avoid shaft wobble.
15. Install second bearing hanger; follow steps 3 - 7 as before.
16. Reassemble the clutch assembly and protective bell on shaft.

Figure 4



For further technical assistance,

Call Lankota Inc. at:

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