

**PW8 Pickup Header**  
**Auger: Right Bearing Hardware Upgrade (MD #147810)**  
**INSTALLATION INSTRUCTIONS**

This kit is intended to correct a problem on some 2015 model year PW8 pickup headers where the hardware securing the right side of the auger to the bearing block becomes loose during operation.

A list of parts included in the kit is provided.

**NOTE:** Keep your MacDon publications up-to-date. The most current version of this instruction can be downloaded from our Dealer-only site (<https://portal.macdon.com>) (login required).

**Installation Time**

It should take approximately 15 minutes to install the upgraded hardware.

**Conventions**

The following conventions are followed in this document:

- Right-hand (RH) and left-hand (LH) are determined from the operator's position. The front of the header is the side that faces the crop; the back of the header is the side that connects to the combine.
- Unless otherwise noted, use the standard torque values provided in the PW8 Pickup Header operator's manual and technical manual.

# PW8 Pickup Header

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### INSTALLATION INSTRUCTIONS

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To install the PW8 Auger Bearing Hardware Upgrade Kit, follow these steps:



#### DANGER

To avoid bodily injury or death from unexpected start-up of machine, always stop engine and remove key from ignition before leaving operator's seat for any reason.

1. Lower the pickup header to the ground, shut down the combine, and remove the key.
2. Access the existing bearing hardware from the right-hand side of the header—between the auger and the endshield.
3. Rotate the auger for the best access to the flange nuts that secure the auger bearing block to the auger.



Figure 1: Accessing the Right Side of the Auger

**NOTE:** To maintain the alignment of the auger and the bearing block while removing the first nut, torque the other flange nut to 40–42 ft·lbf (54–57 N·m).

4. Remove an existing flange nut (A) from the bearing block (B).

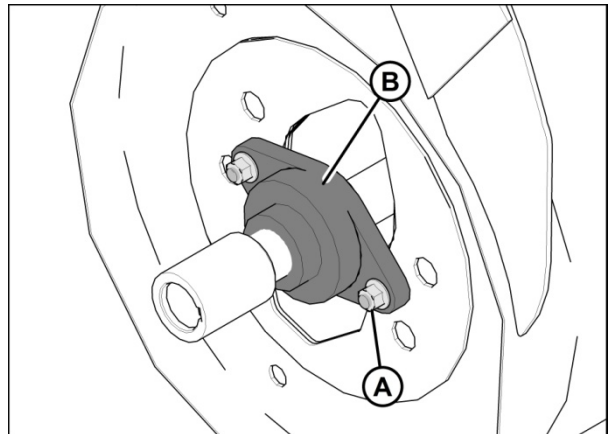


Figure 2: Right Auger Bearing

**PW8 Pickup Header**  
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**INSTALLATION INSTRUCTIONS**

5. Place the new spacer (A) over the existing 35 mm carriage bolt and push it into the space between the bolt and the bearing block.

**IMPORTANT:**

Be careful not to push the carriage bolt inside the auger. If ANY tools or hardware fall inside the auger, they MUST be removed before operating the pickup header.

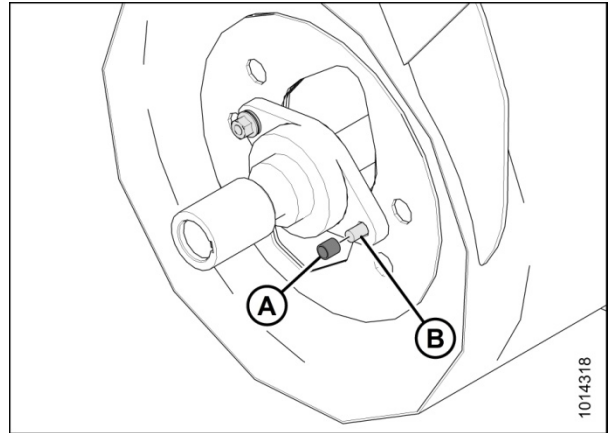


Figure 3: Right Auger Bearing

6. If the spacer will not press into the bearing block, follow these steps:
  - a. Reach inside the auger to hold the carriage bolt in place.
  - b. Thread the old flange nut (A) onto the bolt (without the washer) and carefully tighten the nut to press the spacer into place.

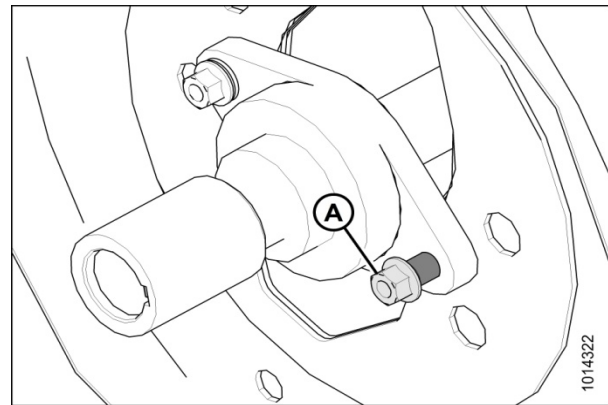


Figure 4: Right Auger Bearing: Installing the Spacer

**PW8 Pickup Header**  
**Auger: Right Bearing Hardware Upgrade (MD #147810)**  
**INSTALLATION INSTRUCTIONS**

7. If necessary, take the weight off the bearing block using a pry bar (A) and a block of wood to support the auger (B) on the right side.



Figure 5: Pry Bar Supporting Auger

8. If the spacer still won't fit (because the bolt is not centered in the bearing block) adjust the position of the bearing block as follows:
  - a. Loosen the second flange nut (A) to allow the bearing block to move slightly, and adjust the bearing until the spacer fits into the bolt hole.
  - b. When the spacer is seated inside the hole, tighten the old flange nut (B) to press the spacer into place.
9. Retighten the second nut (A).
10. Remove the old flange nut and discard.

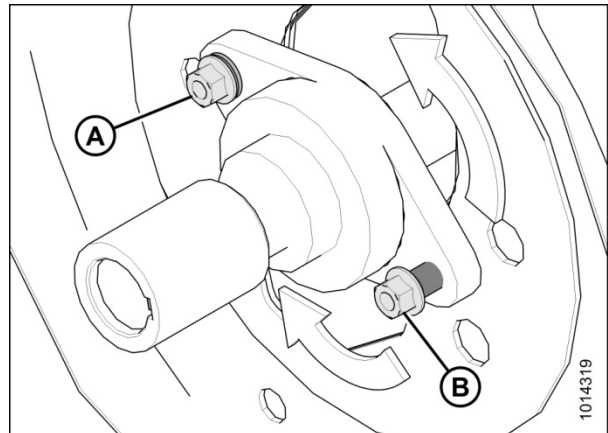


Figure 6: Right Auger Bearing: Adjusting the Position

**PW8 Pickup Header**  
**Auger: Right Bearing Hardware Upgrade (MD #147810)**  
**INSTALLATION INSTRUCTIONS**

11. Install the new Nordlock washer (A) (supplied in the kit) with the flat/thicker side against the bearing block.
12. Install the new flange nut (B) (supplied in the kit) and torque to 40–42 ft·lbf (54–57 N·m).

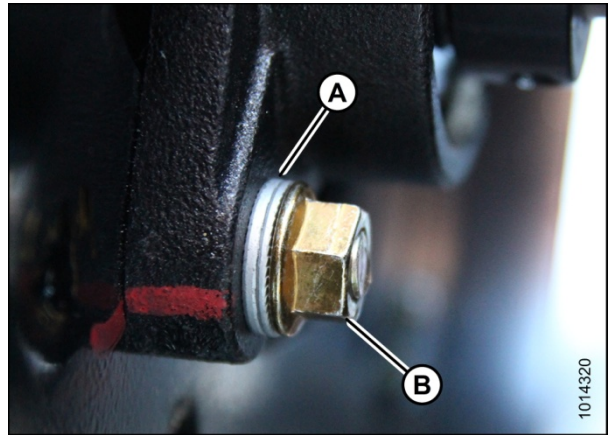


Figure 7: Right Auger Bearing: Nordlock Washer Installed

13. Repeat the procedure to install the new spacer, Nordlock washer, and flange nut onto the second bolt.

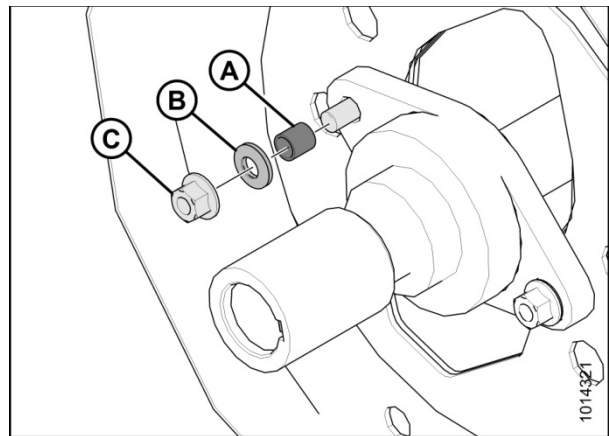


Figure 8: Right Auger Bearing: Second Bolt

14. Open the left endshield.
15. Inspect the left end of auger to ensure that shaft (A) is sufficiently staked (deformed) to prevent the key (B) from sliding out.
16. If not, deform the shaft material at keyway with a punch and hammer.

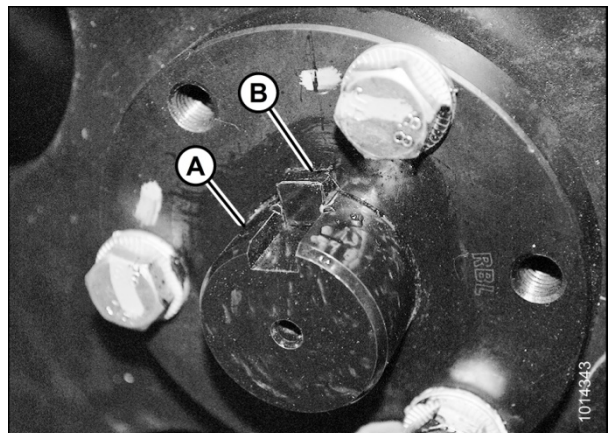


Figure 9: Left Auger Shaft Keyway

**IMPORTANT:** To avoid damage to the auger, check that all loose hardware and tools are removed from inside the auger.

**PW8 Pickup Header  
Auger: Right Bearing Hardware Upgrade (MD #147810)  
INSTALLATION INSTRUCTIONS**

**Part List**

This kit includes the following parts:

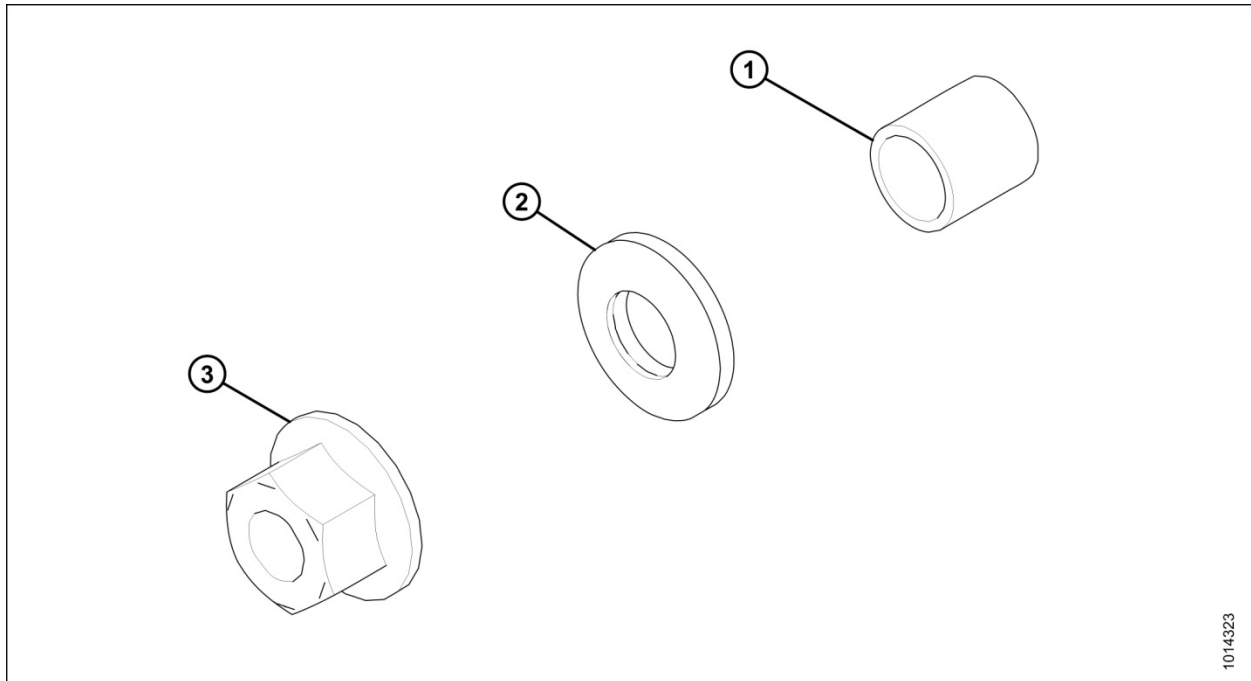


Figure 10: Parts Include in the Kit

Ref	Part Number	Description	Qty
1	237667	SPACER	2
2	252227	WASHER – M10 NORDLOCK	2
3	50101	NUT – FLANGE DISTORTED THREAD M10	2