

YieldSense™

Lexion Lower Adjustment Installation

Lexion combines with the 6 inch elevator require a lower elevator adjuster in order to set the elevator chain tension. The top elevator shaft will be set to a fixed position, as described in the base kit installation instructions.

Tools for Install

Required

Drill

2 1/2" Hole Saw

Letter H Drill Bit or 9/32" Drill Bit

1/4" Center Punch

Angle Grinder

Recommended

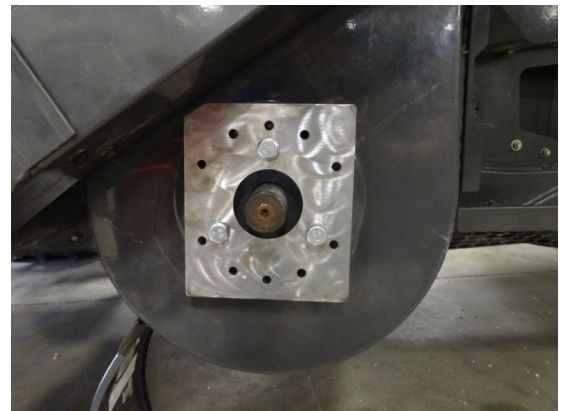
Cutting oil

Bearing Puller

Step 1: Remove the bearing flange, bearing lock collar, and cross auger bearing. Use a 17 mm socket on the three bolts.

Note: A two or three jaw bearing puller may be required to pull the bearing off the shaft.

Step 2: Using the bolts removed in Step 1, install the lower adjustment template on the three studs. Washers may need to be added to the bolts if the bolts bottom out before the guide is tight against the studs.



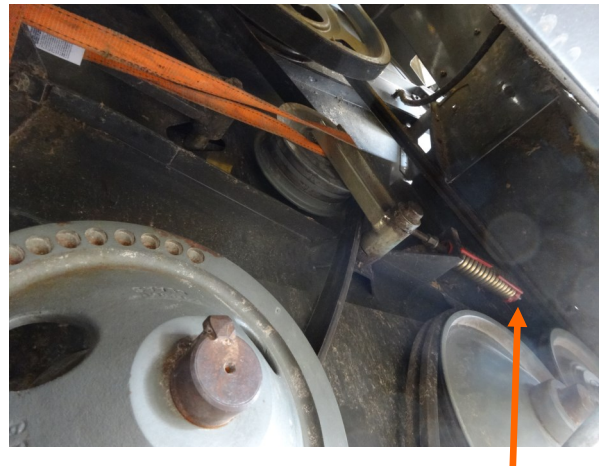
Lexion Lower Adjustment Installation (Cont.)

Step 3: With the guide installed, use a 2 1/2" hole saw to drill a hole in the lower boot.

Note: If the hole saw will not fit over the cross auger shaft, the auger can be shifted over to the left. Follow steps 3a - 3c for more details.



Step 3a: If the auger shaft needs to be moved, begin by loosening the tension on the drive belt tension spring. Next, use a ratchet strap on the tensioning pulley to loosen the drive belt. Remove the belt from the cross auger pulley.



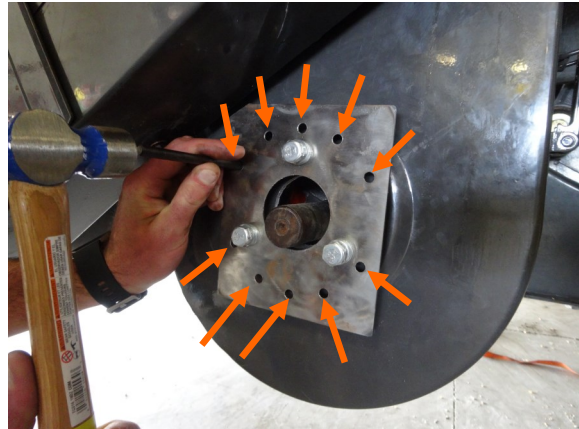
Step 3b: The cross auger can now be turned by hand. Rotate the elevator chain and locate the master link. Split the elevator chain which will allow the auger to move to the left.

Step 3c: Remove the three nuts and washers inside the pulley using a 5/8" socket. This will allow the auger shaft to move a few inches towards the left side of the combine.



Lexion Lower Adjustment Installation (Cont.)

Step 4: Next, using a 1/4" center punch mark the 10 holes which will be drilled out in the next step.



Step 5: Use a Letter H or 9/32" drill bit to drill out the 10 holes.

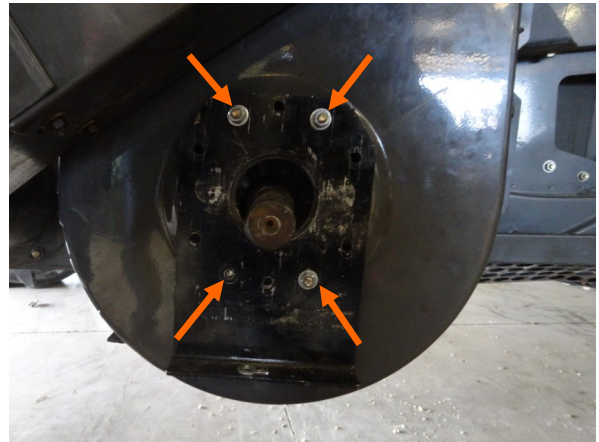


Step 6: Remove the template and grind off the three studs so they are flush with the lower boot.



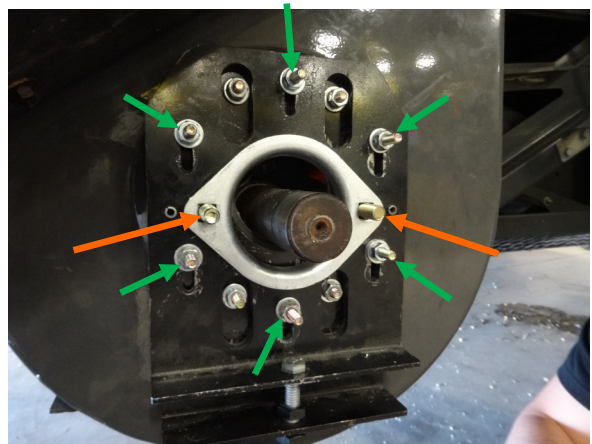
Lexion Lower Adjustment Installation (Cont.)

Step 7: Bolt the lower support bracket to the elevator boot using the shorter 1/4" bolts found in the hardware kit. The head of the bolt will be on the inside of the elevator and the flat washer with lock washer on the outside.



Step 8: Next, install the upper (outer) adjuster plate. Put the two carriage bolts in from the back side as shown (red arrows). Use the longer 1/4" bolts, flat washers, lock washers, and nuts to bolt the upper adjuster to the lower boot (green arrows).

Note: If the cross auger was unbolted in step 3a - 3c, reinstall the nuts and drive belt at this time.



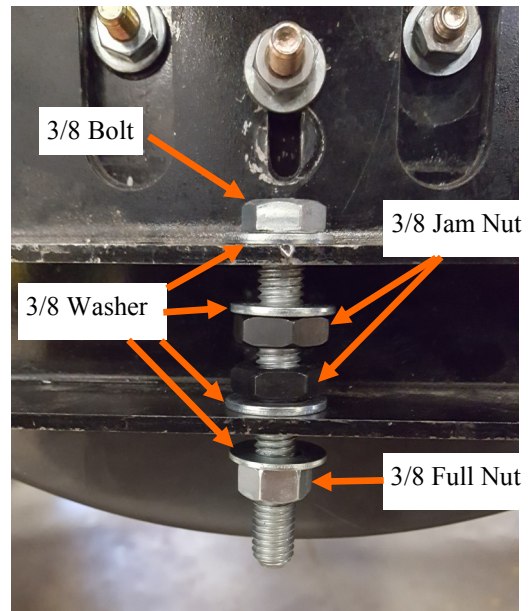
Step 9: Install the inner bearing flange, bearing, and outer bearing flange. Use the 3/8" nuts on the carriage bolts to tighten the flange.

Step 10: Install the bearing lock collar.



Lexion Lower Adjustment Installation (Cont.)

Step 11: Finally, install the pusher/puller bolt on the lower adjuster as shown in the illustration.



With the lower adjuster installed, properly tension the elevator chain assembly. The chain is at the proper tension when it can be slid side to side but not be pulled away from the lower sprocket.