



GROUND ROLLER BEARING UPDATE - INSTALLATION

PROBLEM: How to replace original ground roller with updated ground roller

Diamond's updated flail ground roller leads the industry with a fully sealed bearing housing to prevent contamination.



TOOLS NEEDED

- 3/4" WRENCH AND SOCKET
- 1 1/4" WRENCH
- 5/16" ALLEN SOCKET
- TORQUE WRENCH
- LOCTITE 262 (RED)
- LOCTITE 243 (BLUE)
- FLOOR JACK



TRACTOR MODEL OR ATTACHMENT

Flail Mowers



SAFETY: Make sure to wear eye protection and gloves when installing parts.

STEP BY STEP INSTRUCTIONS ARE ON THE FOLLOWING PAGE

INSTALLING GROUND ROLLER BEARING UPDATE



STEP 1: INSTALL THE BEARINGS

- Install bearings in ground roller tube using Allen head bolts – torque to 51 ft/lbs.



Install the bearings

* STEP 2: LOOSEN STOP NUT

- Loosen the stop nut on the adjustment screw.

STEP 3: REMOVE BOLTS

- Position the flail just above the floor.
- Remove the bolts holding the ground roller lock plates and the adjustment screw and drop the ground roller out of the way.



Loosen stop nut and remove bolts

**FOR MORE INFORMATION, CALL OUR WARRANTY/SERVICE TEAM AT
(605) 977-3300 OR TOLL FREE AT (888) 960-0364
OR EMAIL WARRANTY@DIAMONDMOWERS.COM**



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INSTALLING GROUND ROLLER BEARING UPDATE



STEP 4: ASSEMBLE AND MEASURE

- Assemble adjustment screw and the ground roller blocks to the new ground roller plates.
- Install the height decal by positioning the bottom of the decal 9 inches from the top of the plate.



Measure 9 inches from top

STEP 5: BOLT AND POSITION

- Loosely bolt the side plate assemblies to the flail using only the top bolts.
- Using a floor jack, lift the new ground roller assembly into place.

STEP 6: BOLT AND POSITION

- Bolt the ground roller plates to the ground roller with a shoulder bolt on the drive (belt) side and a standard bolt on the opposite side.
- Install clamp plates, adjust height as necessary and re-tighten stop nut.



Bolt roller on block

- * Boom flails are similar, but instead of an adjustment screw, ground roller brackets are bolted directly to the flail shell. All other replacement steps are the same.

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