

Hand Crank Instructions

1. Place the mower on a work table, the ground or other solid surface.
2. Remove the chain guard.
3. Remove the reel chain and sprocket.
4. Push the handle to the work surface, lifting the front of the mower and place a wooden block under the bedknife to secure the mower in place.
5. Place crank handle over end of reel shaft so that the set screw holes on the crank handle and shaft are aligned, and using the Allen wrench, tighten the set screw into place.
6. Loosen the two 5/16" bolts that hold the reel bearing retainer brackets in place.
7. Using a mallet, tap down on the reel bearing retainer bracket on each side of the mower until the reel blade has very light contact across the full width of the bedknife.
8. Spread a thin layer of lapping compound on reel blades using the brush provided with your kit.
9. Crank the reel blades backwards until the blades rotate relatively freely. Check the reel blades for smooth, even complete grind. Reel blades will be evenly polished when lapping is completed.
10. Remove the crank handle from the shaft.
11. Tighten the two 5/16" bolts that hold the reel bearing retainer brackets in place.
12. Replace the sprocket, reel chain and chain guard.
13. Using an absorbent cloth and a solution of water and household cleaner, thoroughly clean lapping compound residue from the blades.
14. Spray the blades with WD-40.

Power Tool Instructions

1. Place the mower on a work table, the ground or other solid surface.
2. Remove the chain guard.
3. Using a small screwdriver, carefully open the master link on the reel drive chain and then remove the chain from the sprockets.
4. Using the enclosed Allen wrench, remove the set screw from the sprocket on the left side, then slide the sprocket off of the shaft.
5. Place the power tool adaptor over end of reel shaft so that the set screw holes on the crank handle and shaft are aligned, and using the Allen wrench, tighten the set screw into place.
6. Loosen the two 5/16" bolts that hold the reel bearing retainer brackets in place.
7. Using a mallet, tap down on the reel bearing retainer bracket on each side of the mower until the reel blade has very light contact across the full width of the bedknife.
8. Spread a thin layer of lapping compound on reel blades using the brush provided with your kit.
9. Using the power tool, **slowly** turn reel blades backwards until the blades rotate relatively freely. Check the reel blades for smooth, even complete grind. Reel blades will be evenly polished when lapping is completed.
10. Remove the power tool from the shaft.
11. Tighten the two 5/16" bolts that hold the reel bearing retainer brackets in place.
12. Replace the sprocket, reel chain and chain guard.
13. Using an absorbent cloth and a solution of water and household cleaner, thoroughly clean lapping compound residue from the blades.
14. Spray the blades with WD-40.