

# MANUFACTURER'S WARNING

## PLEASE READ

ProMow Inc. proudly manufacture's a safe product. Our mowers only turn when they are being pulled and therefore stand still when you get off your mower. They do not produce any suction so they do not throw any objects when in use which could cause injury.

Our sharpening kit does put your hands close to the mower head during the sharpening process. If done with caution and according to our instructions you should enjoy tremendous results. **Failure to use caution could result in injury!**

Keep these safety tips in mind:

- Keep both hands on the drill motor while the blades are turning.
- Apply the lapping compound only when blades are stopped.
- Wipe blades and cutter bar off when drill has been removed.
- Keep children away when sharpening.
- Always wear heavy leather gloves and protective eye wear.
- Blades will be sharp when done and you should make sure your hands and fingers are kept at a safe distance.
- ProMow, Inc. is not responsible for any injury incurred while operating this
- For questions or service needs call our toll free number: 1-877-477-6669.

## PROMOW GANG REEL MOWER SHARPENING INSTRUCTIONS

Your ProMow gang reel system is designed to give you years of trouble free mowing service. With normal use, we would recommend sharpening your mower at the start of the mowing season with the ProMow Sharpening Kit. It is much easier to sharpen the reels before they need it badly. Each individual lawn type of grass and mowing conditions are different, so use your own judgment as to when the best time would be to sharpen. A sharp mower allows you to keep the cutting action in superior condition and maximize its efficiency.

Each individual lawn, type of grass and mowing conditions are different. It should not, however, be necessary to sharpen your mower's blades more often than a few times per mowing season even in the most severe applications.

### SHARPENING INSTRUCTIONS

1. Remove each head out of the frame and securely support it on your work table.

Figure 1

2. Using a screwdriver inserted in the slot of the "C" clip retaining ring, which holds the wheel onto the axle. Remove the "C" clip and wheel from the right hand side of the mower (See Figure 1)

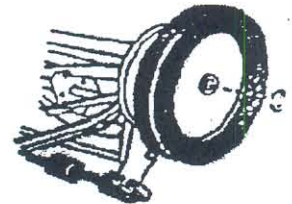


Figure 2

3. Carefully remove the pinion gear being extremely careful not to lose the pawl, as it will easily fall out of the slot located on the reel shaft. Removed the pawl and placed in a safe place. (See Figure 2)

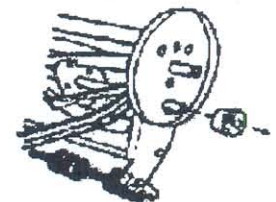
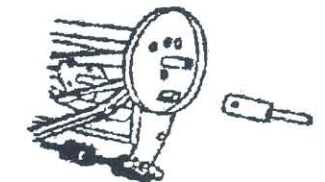


Figure 3

4. Place the provided backlapping tool attachment carefully over the reel shaft,. The cotter pin should fit through the hole in the shaft and the drill attachment in place. (See Figure 3)



**MANUFACTURERS ALERT:** Failure to firmly secure mower head to work surface could result in injury. Always keep fingers and hands away from the blades while sharpening.

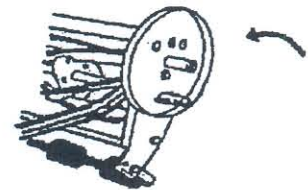
Figure 4

5. Take the jar of sharpening compound and brush provided, spread the compound over the edges of each reel blade. (See Figure 4)



Figure 5

6. After the compound is on the blades, start the drill turning the reel backwards or counterclockwise. (The reel should be turning in the opposite direction of normal mowing rotation.) Turn blades slowing to avoid compound from spinning off blades. As the compound begins to hone the blades it will change color. Continue this movement for approximately 1 – 3 minutes (See Figure 5)



7. To check your progress, take a clean rag and remove material from the edge of a blade. You should see a clean shiny cutting edge along the entire blade. On extremely dull and damaged blades, it may be necessary to tighten the cutting action using your adjusting screws on the mower and repeat No. 6, to properly sharpen the mower blades.
8. After completing the sharpening operation, remove the drill and attachment. Replace the pawl in the reel shaft, pinion gear, wheel and secure the "C" clip retaining ring. Wash all the grinding compound from reel blades and cutter bar.
9. To insure proper sharpening and blade adjustment turn mower upside down and use a strip of paper approximately 1" to 2" in width, carefully insert paper between the reel and the cutter bar. Slowly and carefully turn the reel by hand. The reel should cut paper on each blade along its entire length. If not, it is necessary to readjust the cutting action according to your owner's manual. Adjust blades no tighter to cutter bar than needed to cut paper. After proper adjustment has been done, lightly oil blades and cutter bar with a light oil such as WD-40.

**TECHNICAL SERVICE PROBLEMS OR QUESTIONS.  
CALL PROMOW, INC. - TOLL FREE 1-877-477-6669**