

Care and Maintenance Procedures

The Model #1 manual can opener, manufactured by the Edlund Company, must receive proper care and maintenance in order to function properly and to prevent any unsafe conditions over the life of the product or the life of any of its components. To ensure maximum life of the opener, the following care and maintenance procedures should be followed:

I. Cleaning Procedure

The can opener must be cleaned daily or after each extended use as follows:

- A. Remove all the food and can opening residues from the drive gear, the drive gear cavity, the knife and the area around the can stop using the stainless steel cleaning brush, (Edlund Model #ST-93). Regular use of this tool will help prevent unwanted product buildup and harmful bacteria growth.
- B. Wash the knife, gear and any splash area on the opener using soap and water.
- C. Thoroughly dry the knife, gear and can opener using a dry cloth or paper towel.
- D. Coat the knife and gear with non-sticking vegetable oil to prevent rusting when the can opener is not in use.

II. Maintenance Procedure

Periodically perform maintenance as follows to ensure sanitary and safe food handling requirements and to extend the life of your opener.

A. Check the shear blade or knife by running a fingernail over the cutting edge to make sure a sharp groove does not develop. A groove can cause metal can slivers. If a groove is found remove the two screws securing the knife to the knife holder and turn over to use the unused cutting edge or replace the blade with a new blade or knife. Place the knife support over the top of the knife and secure using the two knife holder screws. This inspection should be done when the can opener is cleaned. Please note: The Edlund knife is intentionally dull with rounded edges to prevent can slivers. However, the friction of metal-to-metal contact between the knife and the can will eventually cause the blade to sharpen itself. Check the knife regularly for sharp edges and grooves and remember, **“Never sharpen can opener blades.”**

B. The drive gear should be inspected for wear monthly by first opening an undamaged #10 can with the opener. Inspect the can bead to see if the lines left by (tooth marks) the drive gear are narrow and evenly spaced, or if they are wide which indicates that the gear is slipping and may be removing metal from the can bead. If the gear is removing metal from the can bead, or “milling,” inspect the gear for wear.



If the teeth of the drive gear are dull, replace the drive gear using the procedure listed in Paragraph C below.

If the gear teeth appear to be sharp, inspect the arbor hole located below the gear by turning the opener upside down and determining if the hole is elongated or worn. If the hole is elongated, the opener is beyond repair and must be replaced.

C. Drive gear replacement is accomplished by first removing the knife and knife support from the knife holder. Place the can opener in the can opener base and place a nail, flathead screwdriver or other soft metal object to prevent rotation of the gear in the space on the right side of the gear between the gear and the edge of the gear slot. Remove the handle and arbor assembly from the gear by turning the handle counter-clockwise until the handle is detached from the drive gear. Remove the worn drive gear and gear washer from the gear slot and place the gear washer over the new gear with the word "up" toward the top of the can opener. Replace the gear and gear washer in the gear slot and insert the handle and arbor assembly back through the bushing and spring and into the threaded hole of the gear. Place a nail or soft metal object to prevent gear rotation in the space on the left side of the gear between the gear and the edge of the gear slot and rotate the handle clockwise until the assembly is tightened completely. Replace the knife and knife support and attach using the two knife holder screws.

D. To prevent premature wear of the arbor hole of the slide bar, place a small amount of non-sticking vegetable oil in the arbor hole located under the drive gear weekly or after each cleaning.

E. The can opener and base should be inspected weekly for any excessive wear or rust on any surface. If rust or wear is found to be excessive, replace the can opener and/or the base as required.

Note: Edlund Company manufactures the most complete line of can opening equipment in the world. Each model is designed for specific applications and/or volume requirements, and if used and maintained properly, will last a long time. If your operation requires opening 200 cans a day, a manual opener designed for 50 cans a day will wear out more quickly than necessary. Please follow Edlund's guideline for recommended applications found in our catalogue and price list.