

DuroStar

NEXT GENERATION POWER SYSTEMS

Push Mower Safety Guidelines:

- Never place hands, fingers or feet inside the reel. Although a motor does not power this mower, when the wheels turn the reel of the mower spins and can cut.
- Never mow when the grass is wet enough to be slippery
- Do not use the push mower while barefoot or while wearing sandals.
- Walk slowly, never run. Always be sure of your footing when using the push mower.
- Never intentionally strike or ram trees, fences, etc. This can cause injuries or severely damage the push mower mechanisms.
- Make sure that the push mower is in a safe operating condition. Do not attempt to operate this reel mower if it is damaged. If the push mower is damaged, have it repaired before using.

Contents

1. Handle top with Foam Grip (1)
2. Side bars (2)
3. Handle bottom bars (1)
4. Long bolts (6*)
5. Knobs (6*)



*Please note: only 8 Nuts, Bolts and flat washers are required for assembly. An extra set has been provided for your convenience.

Assembly Instructions (see Figure 1)

1. Attach the Side bars to the handle bottom bars using the provided knobs, bolts and washers at labeled points D and C.
2. Attach the Handle top with Foam Grip to the Side Bars using the provided knobs, bolts and washers at labeled points A and B.

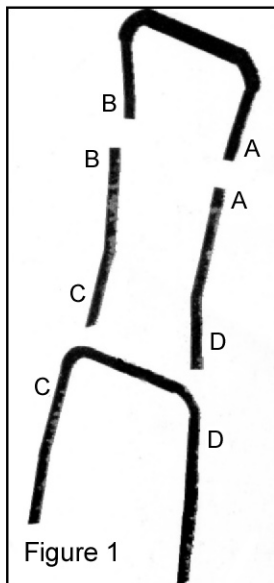
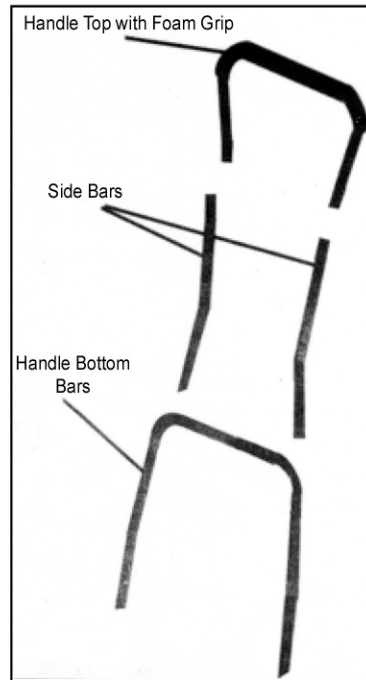


Figure 1



Fully Assembled

Cutting Height Adjustments

The cutting height of the push mower can be adjusted from 1 3/4 - 3" by moving the height adjustment levers to the required position. (See figure 3) To achieve the lowest cutting position, one at a time pull the adjustment levers located next to the smaller wheels and move it to the highest positions (position 1). To achieve the highest cutting position, move the adjustment levers one at a time to their lowest position (position 5).

NOTE: The two height adjustment levers must be set to the same height position.

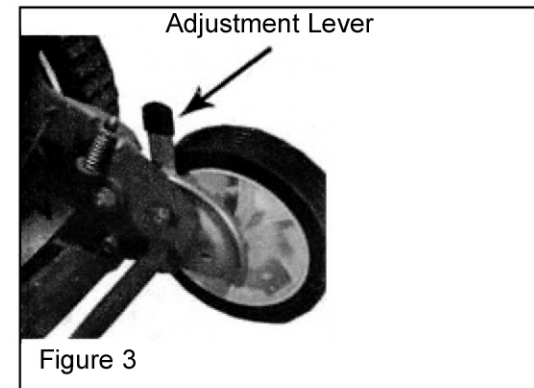


Figure 3

Mower Blade Calibration Adjustments

The blades on the push mower are all calibrated prior to leaving the factory and generally do not require adjustments. However adjustments may be required only if you notice a rough, uneven cut, the mower is difficult to push or the mower simply does not cut the grass. Please note before proceeding that adjusting the blades is a very sensitive procedure. A turn of 1/16 is considered a major adjustment. Carefully follow the procedures below.

Proper calibration is achieved when the cutting blades (see) are adjusted so that the rotating cutting reel ever so slightly comes in even contact along the entire length of the cutting bar, creating a shearing or scissor-like effect.



WARNING

The cutting bar and rotating reel blades can be damaged if they are adjusted too close to each other.

Loosening the Blades

To loosen the blades, the cutter bar must be moved away from the cutting reel by turning the spring loaded screws equally counter clockwise. Be sure to loosen both spring loaded screws on both sides of the mower the same amount. (See figure 4)

Tightening the Blades

To tighten the blades, the cutter bar must be moved closer to the cutting reel by turning the spring loaded screws equally clockwise. Be sure to tighten the spring loaded screws on both sides of the mower the same amount (see figure 4)

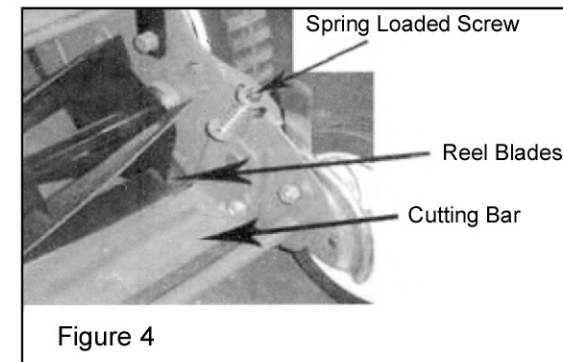


Figure 4

Checking the Adjustments

1. Turn the mower upside down.
2. Insert a piece of paper between the cutter bar and the reel blades, and carefully turn the reel blades by hand.
3. All blades should slice the paper evenly, along the entire length of the cutter bar while the reel turns smoothly.
4. If the mower has an intermittent cut, adjustment should be made to the appropriate sides of the blades to attain proper cutting action.

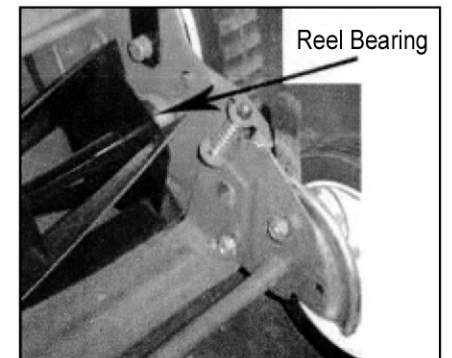
General Care

To extend the life of the mower, store the mower during inclement weather. Minimum care is required to ensure smooth operation of your mower. To avoid damage to the mower or cutting blades, keep the area to be mowed free from any debris. For best results regularly apply oil or lubricant to the mower's cutting reel, bearings and other moving parts.



WARNING

Keep cutter bar and reel blade free from any debris.



Made in China