



Hammer, Bullet, 7000 series

GROUND LEVEL

Installation Instructions

(Rollerbar & GL Crank Assembly)

STEP #1

Required Parts:

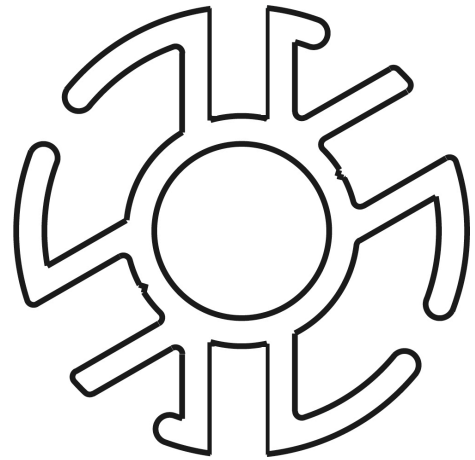
1	3/4" Extension Shaft with Sprocket	1	Chain Guard, Lower
1	3/4" Extension Shaft	1	Chain Guard, Upper
1	7000GL Control Box Assembly	3	Chain Guard Bracket
		2	3/4" Shaft Collar

Mounting the GL Control Box

- 1) Determine suitable position for mounting GL control box to front driver's side of body. Keep in mind that the top sprocket and bottom sprocket must align vertically without any obstacles to obstruct movement of the chain or crank handle.
- 2) Mount control box to side wall of body using 3/8" x 1-1/2" bolts, lock nuts, and flat washers.

Mounting the Rollerbar, Sprocket Shaft and Chain

- 1) Measure from the inside of one bearing plate to the inside of the other. Cut end of roller bar, without pre-drilled hole, one inch shorter than this length.
- 2) Drill a 5/16" hole, 1/2" from the end of the rollerbar that you just cut.
- 3) Slide the extension shaft through the curb-side bearing plate and into the roller bar. Line up the holes in the roller bar with the hole in the extension shaft and secure with the 5/16" carriage bolt, flat washer, and lock nut.
- 4) Install a 3/4" shaft collar onto the extension shaft on the outside of the 3/4" bearing to prevent lateral movement of the roller bar.
- 5) Slide the 3/4" shaft collar on the extension shaft with the sprocket and then slide the extension shaft through the bearing plate and into the roller bar. Align the sprocket by sliding the shaft into or out of the rollerbar such that when the chain is installed, it is going straight up from the control box to rollerbar sprocket. Tighten shaft collar set screw.
- 6) Using the hole you drilled in step 2 as a guide, drill a 5/16" hole through the sprocket shaft. Secure the shaft to the rollerbar using a 5/16" x 2-1/2" carriage bolt, flat washer, and lock nut.
- 7) Assemble chain around top and bottom sprocket, removing unnecessary links as needed to adjust chain length. Once desired length and tension are achieved, fasten chain together using included master chain link.



Installing the Chain Guard

- 1) Entire chain guard assembly can be welded together and to truck. If welding skip the rest of this section. If bolting, proceed to step 2.
- 2) Mount chain guard by overlapping upper chain guard over lower chain guard and attaching them together using 3/8" x 1/2" bolts, lock nuts, and six 1/4" self drilling screws
- 3) Lower chain guard attaches to control box with 1/4" by 1/2" bolts and lock washers.
- 4) Secure chain guard to truck body with chain guard brackets using the 1/4" self-drilling screws (2 per bracket).

Donovan Enterprises
3353 Gran Parkway, Stuart, FL 34997
1-800-327-8287