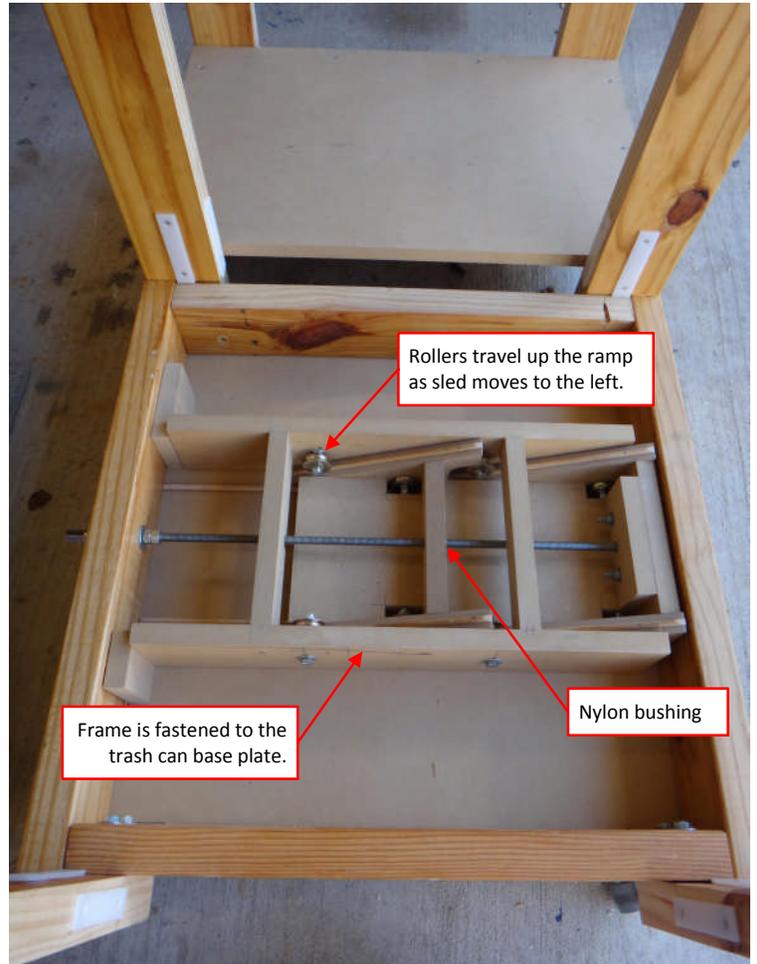




SLED – Partially exploded view showing sliding door rollers that will travel on ¼” dowels. ¼” dowels on ramps will be where rollers travel to raise base as sled moves forward. T-Nut captured in back between the two pieces of wood bolted together.



Rollers travel up the ramp as sled moves to the left.
 Frame is fastened to the trash can base plate.
 Nylon bushing

LIFT ASSEMBLY – Sliding door rollers fit over ¼” dowels which are used as tracks to guide the rollers. Rollers attached to the frame ride up the ramp as the sled moves to the left. Sled rides on rollers on ¼” dowels which are fastened to the flat bottom. Nylon bushings at each end in the 2x4 and in the center align the threaded rod and keep the threads from digging into the wood and binding. The double nut on the inside left keep rod from moving to the left and right.



Frame attached to trash can base plate



TRASH CAN BASE & FILTER – The base on the right is where the trash can sits. The half circle ring is used to position the trash can so it lines up with the separator. The filter is a Wynn Environmental (MERV15, pleated, open both ends) filter.



Frame attached to base plate

Sled