



From KZ Inventioneering:

INSTALLATION INSTRUCTIONS FOR WASTE CART OPENER

TOOLS REQUIRED: pliers, Philips and small straight screwdriver, knife?

1. Pull rope manually all the way out from power unit as far as it will go (motor will resist pulling).
2. Typically the power unit is mounted inside the garage on the wall about 18" above the waste cart. If this is how you wish to install it, proceed as follows (refer to drawings) (Note: not rated for outdoor use)
 - a. Put "S" hook on loop at end of the rope and squeeze end closed around rope
 - b. Locate stud in the wall that is approximately at the center of the lid
 - c. Put "S" hook under edge of lid (approximately in center of the edge towards or on the front) and attach power unit to wall stud at extended rope height, with 2 or 3 screws (longer screws may be required depending on installation)
 - d. Break off rear plastic channel extender on Infra-Red sensor if mounting to a flat surface like drywall as this channel extender is not required.
 - e. Plug in one end of the shorter cord 4 pin wires into back of IR sensor and other end plugs into the rear #2 jack on power unit
 - f. Attach IR sensor at a convenient height so your shoulder, elbow, or hand can activate sensor by sweeping thru sensing area (approximately 6" below it)
 - g. Plug A/C adapter (20' long) cord into large jack #1 on rear of power unit. Attach horse shoe terminals under the wall plug adapter screws on the AC adapter. Plug adapter into 120 volt outlet.

YOU ARE DONE!

Note: IR sensor does have an orange adjustable sensitivity screw on lower side. This orange dial turns part way around and is most sensitive if adjusted fully clockwise. Adjust as you prefer, false triggering may occur if sensitivity is adjusted too high. If you prefer to press a button, a typical door bell switch may be substituted for the IR sensor. To do this, simply cut off the plug and connect the red and yellow wires (or the black and green, depends on installation, but won't damage either way) to the door bell switch.

The **I-OpenR** rope extension is completely "self adjusting" and will pull in as much as allowed, all the way to the knot if not stopped, which is preferred.

Waste cart full? The lid will stop closing whenever an object is under it sufficient to support the weight of the lid itself. The micro processor inside the **I-OpenR** is constantly making corrections for best operation and as such, the motor will make slightly different sounds and speeds from time to time. This is normal.

If the IR sensor wires are not long enough, you may substitute any telephone "handset" cord to get a longer reach/mounting distance for the sensor.

Other locations to mount the **I-OpenR** are to put it on the ceiling above the waste cart. There is usually an outlet near the garage door opener if you need power close by. We have included some extra rope if you need to extend the end of the standard **I-OpenR** rope as required. The **I-OpenR** is a commercial quality product and will last for over 1 million openings. If the rope is accidentally cut, it is easily repaired/replaced by removing only the bottom of the power unit.

TYPICAL WASTE CART (Part #D1A) INSTALLATION DIAGRAMS

MULTIPLE VARIATIONS ARE POSSIBLE DUE TO THE SELF ADJUSTING FEATURES OF YOUR NEW ***I-OpenR***. You can even mount it on the ceiling and use the included rope extension as required!

