

The Levitator[®] Item 8056

INSTALLATION INSTRUCTIONS

Place the screw location template on the bottom of the cabinet with the proper side UP for the installation being performed. Be sure the template is straight and square with the cabinet and flush with the face of cabinet opening. **(FIG. 1)** Drill pilot holes for the slide foundation mounting screws.

Place the slide foundation into the cabinet with the downward lip against the face of the cabinet and install all 8 (#8 X 3/4") mounting screws. Check to be sure that both of the soft close triggers are in the FORWARD/COCKED position **(FIG. 2)** before installing the Levitator frame.

Prepare the Levitator frame by installing the plastic slide guide to the top of the back column **FIRST**, with the long straight side facing toward the back of the cabinet and the narrow extended end towards the back side of the Levitator **(FIG. 3)**. **NOTE:** The plastic slide guide must fit snugly in the cabinet opening to properly control wiggle when elevated. If it is too tight to allow the Levitator to move fully forward smoothly, adjust the slide guide by sanding the narrow end as needed to provide proper fitment.

With the foundation slides fully retracted into the cabinet and the ball bearing cradles fully forward in the slides, install the Levitator Pull-Out by aligning the slides and pushing straight back, fully inserted into the cabinet. Now, fully open to reset the slide bearings. At this point the Levitator should move smoothly, and the soft-close mechanisms should activate at closure.

To install the center adjustable shelf, hold the shelf in the flat position and rotate until the ends fit inside of the rack **(FIG. 9)**, then return to the flat position once shelf is fully inside of the rack. Insert the 4 shoulder screws at the desired location **(FIG. 10)**, **leave finger tight**, selecting from the 4 optional heights. After installing all 4 shoulder screws, lower the shelf onto them with each of the 4 slots, fitting over one of the shoulder screws.

PREPARING THE DOOR to complete the Levitator installation:

The door must have a handle attached before attaching the door to the Levitator. To determine where the door mount clips should be mounted on the back of the door, first, temporarily fasten them to the 4 (8-32 threaded inserts), on the front rail cover (**FIG. 11**) with the long side of each clip against the rail cover. Now carefully measure screw placement locations (**FIG.12 & 13**) and transfer to the back side of the door and then attach the door mount clips to the back of the door. Attach the door at the 4 door mount clips to the front rail cover. Carefully close the Levitator and check door alignment. Side to side and in-out adjustments are made at the 4 door mount clips. Up and down adjustments are done by loosening the 4 front cover screws (**FIG. 14**) and sliding the front cover with the door attached, up or down, as needed. Once adjusted correctly, be sure all adjustment and attachment screws are tightened firmly.

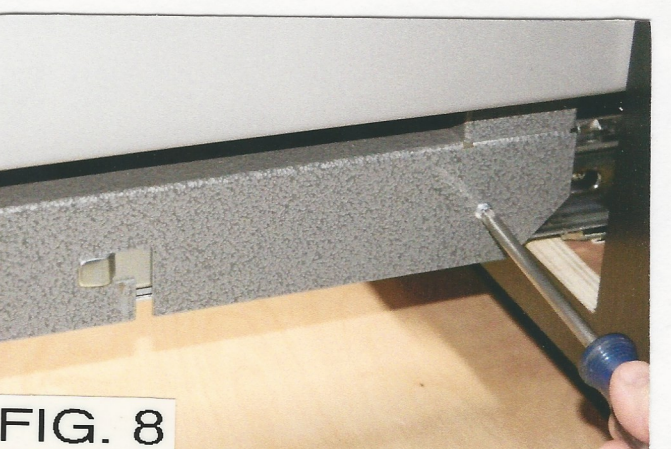
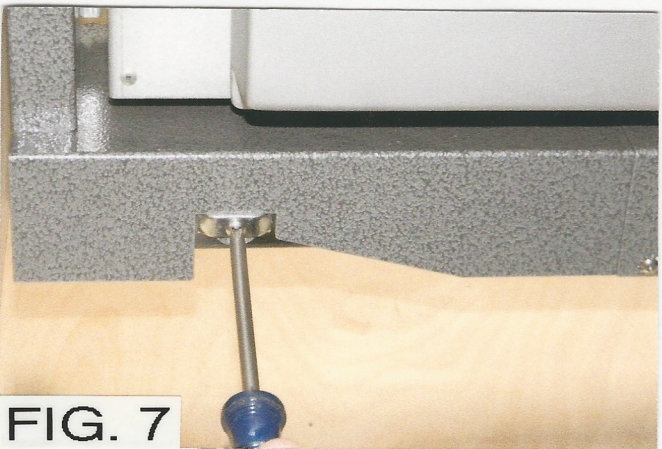
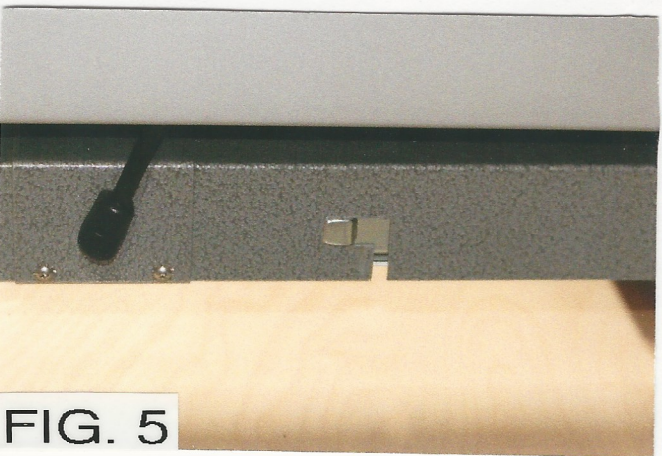
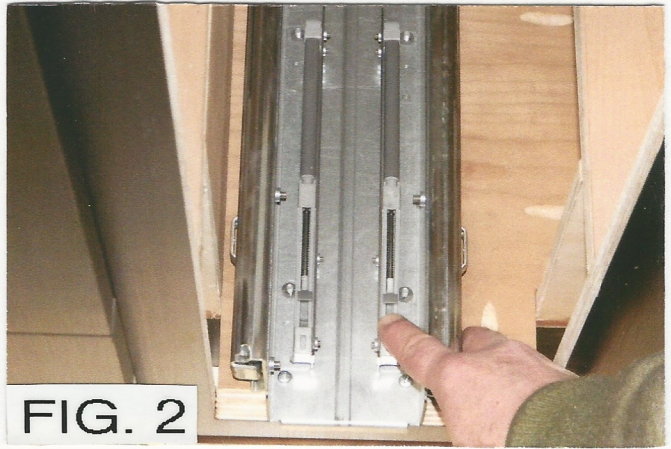
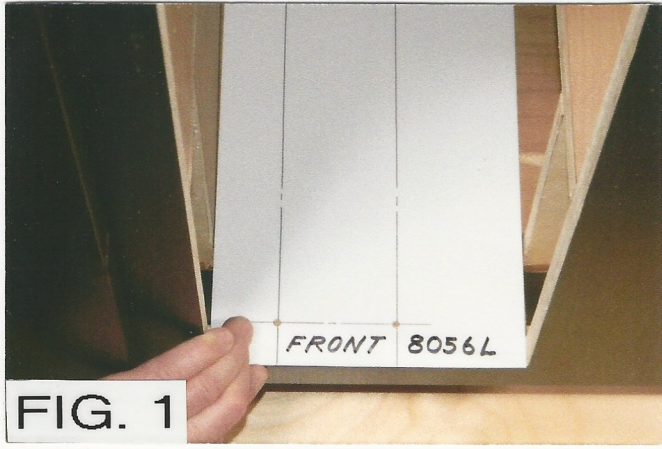
After the door has been attached, then remove the screw in the center of the bottom shelf (**FIG. 15**) and the Levitator is now ready to operate.

Once the Levitator has been loaded with the contents to be stored within it, the lift adjuster **MUST BE ADJUSTED** for proper operation. While the Levitator is in the fully down position, remove the adjustment tool from the backside and install the hex shaft into the adjuster socket, through the hole in the back cover (**FIG.16**). To increase lift assistance, turn the handle in a **CLOCKWISE** direction. **IMPORTANT! DO NOT ELEVATE WHILE ADJUSTER TOOL IS INSERTED!** then test that the upward force is acceptable for the weight load. When properly adjusted, the upward force required should be similar to the downward force needed to close the unit. It is recommended that you test the adjustment every 10 turns until you are close to desired up/down force, then fine tune in increments of 2-3 turns at a time. The Levitator must be fully extended out from the cabinet to lift up, and fully down, to close the unit back into the cabinet.

The lock lever is to hold the Levitator in any desired vertical position. Be sure the lock lever is in the unlock position to allow free movement of the mechanism.

If one or both of the soft-close mechanisms should be accidentally triggered while the Levitator is open, do not attempt to close until the soft-close triggers have been reset. To reset, extend the adjustment tool into the cabinet space under the Levitator and use the small end to hook the trigger and pull it forward to reset the soft-close mechanism.





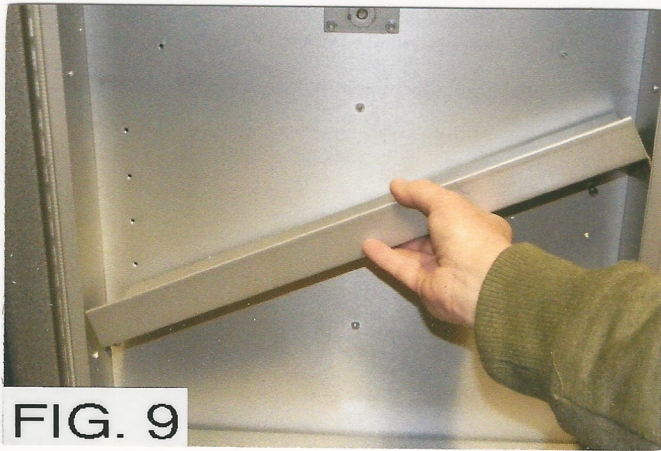


FIG. 9



FIG. 10



FIG. 11



FIG. 12



FIG. 13



FIG. 14



FIG. 15



FIG. 16