Alternative Air
STORE FIXTURES

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Door Maintenance / Repair

Existing fixtures in field

Maintenance Tip #1

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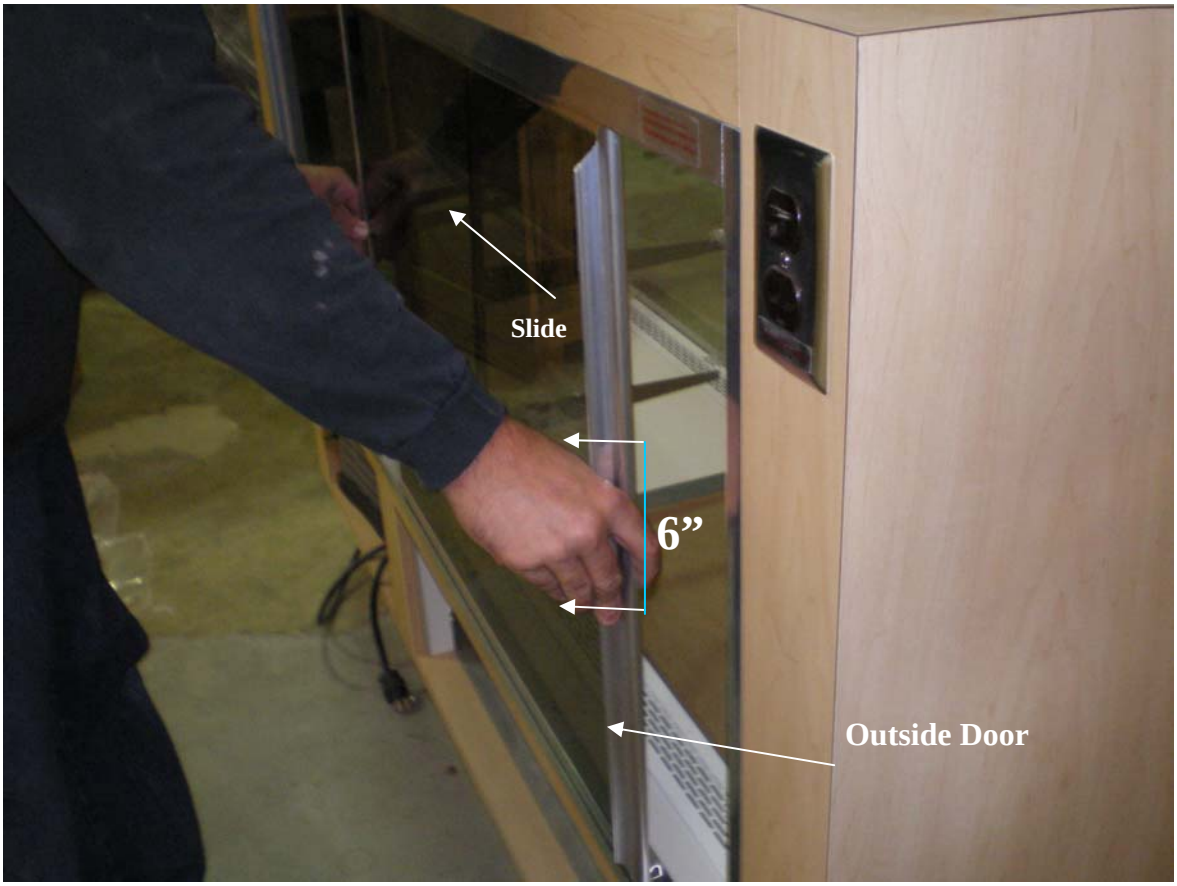
Special Note:

Special care should be taken while sliding glass doors. It is important to place hand on the center 6” of door frame to ensure equal application of pressure on doors. This will prevent door travel from angling up or down and resulting in door dislodging from door frame.

Grasping door by either the top or bottom of the frame will result in uneven force being applied to sliding action. This can cause door to lift up out of the frame and potentially fall causing glass breakage and personal injury.



Proper Installation of Sliding Doors

Special care should be taken to properly place doors in door frame. Doors are marked with decals labeling them either “inside” or “outside”. As a general rule, the left hand door (service side of case) should be placed on the inside track. The right hand door should be installed in the outside track to insure proper operation.

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Maintenance Tip #1

This release provides possible solutions to resolve loose fitting doors from potentially falling out of door track causing breakage and possible injury. There are two possible solutions to this problem depending on the severity of the problem.

Problem

During high volume sales periods, sales personnel waiting on customers will move from one side of the case to the other side while filling a customer's order. If for example, the left door is still open and the sales person moves to the right hand door sliding it open. This will cause the right hand door to push against the open door. This action can cause one side of the door to angle up and out of the aluminum track. This will potentially cause the door to "kick" out of the aluminum track and fall on the floor causing the glass to shatter.

Solution "A"

This can be caused by poor sliding action of doors. Excessive drag on one side or other of the door can cause one side of the door to "kick up" and out of the door tracks.

Application of approved "Food Grade Silicone" to the aluminum track for the sliding doors can resolve this problem.

NOTE:

Only a NSF approved Food Grade Silicone can be used in this application. This product is available at refrigeration supply houses nationwide. Standard grade industrial silicone is not suitable. When this material is used in close proximity to food, it presents a food contamination hazard.

CRC "Industrial Food Grade Silicone" is an approved product for use in food display cases. Please see picture below. Note NSF approved seal on can.

NSF Approval

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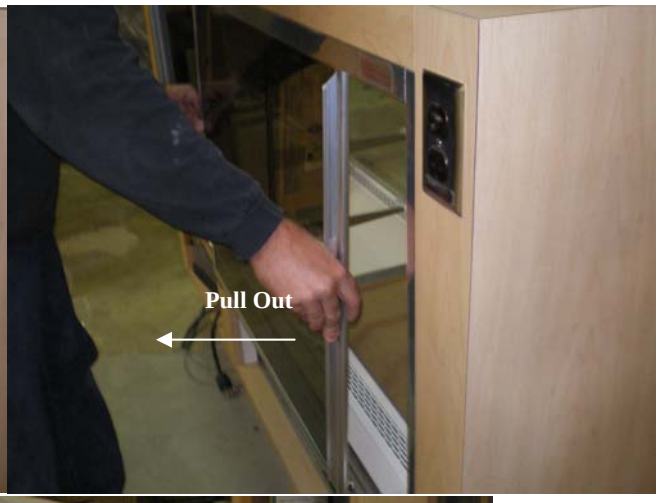
Problem

Doors are a poor fit to door frame opening. Poor fitting doors are loose and fall out of door frames

Solution "B"

Instructions below outline procedure on how to add "shim" screws to door glides providing tighter fit for doors.

Removal of Doors



Once doors have been removed from display case. You will note that there are a total of four nylon glides. Two glides are installed on the top of the door and two glides are installed on the bottom of the door.

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Procedure

This is a multi step procedure. There are four nylon glides installed on each door. The problem can be solved by installing one, two, three, or four "shim screws". Fist compare amount of upward travel on a door which is not having problems to the door which is falling out. This can be done by grasping door with two hands and gently lifting up. The door which is falling out will show more travel (Lift up higher). Check to see if the right or left hand side of the door exhibits more travel.

If one side of door can lift up higher than the other side, start by adding one "shim screw" to the top glide on that side. Check operation of door and if problem is not solved repeat procedure to bottom shim on that side. In extreme cases, it may be necessary to install "shim screws" under each glide to resolve problem.

Note:

Check operation of door after installation of each "shim screw".

Materials Required

1. **Variable speed drill.**
2. **1/8" Drill bit.**
3. **Screw diver bits (Phillips/ Flat Head) or Screw drivers.**
4. **#8 x 1/4" Round head stainless steel self -tapping screws.**

Installation of "Shim Screws"

1
Remove two screws holding nylon glide in place.

2
Remove nylon glide.

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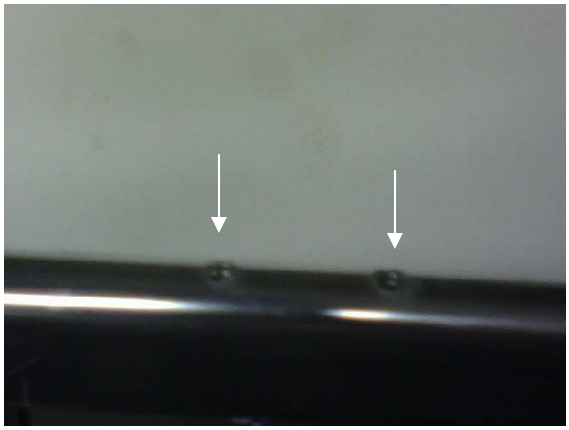
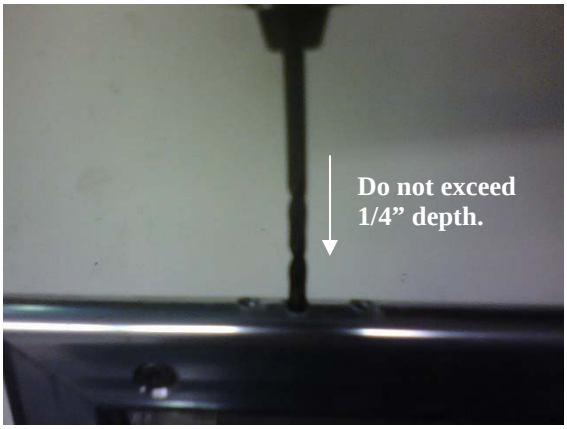
3
Existing screw holes.



4
Drill 1/8” starter hole in center between two existing screw holes. Note: Take care not to dill deeper than 1/4” into frame as drill impacting on edge of glass will cause damage to glass in frame.



5
Install #8 X 1/4” self-tapping stainless steel screw.

6
Round head stainless steel screw installed.

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7
Replace nylon glide over "shim screw"

8
Replace two fastening screws on nylon glide.

9
Nylon glide with "shim screw" installed.

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