

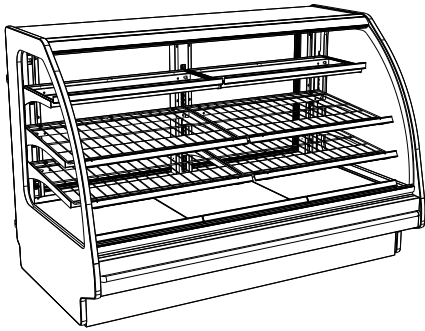
FUSION USER MANUAL

SCC P/N
5-6439

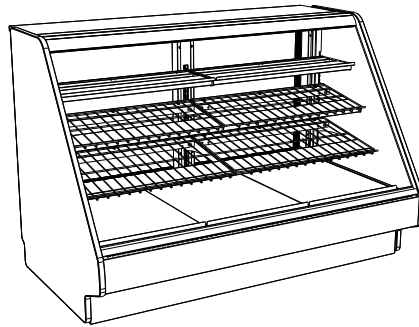
SERVICE AMBIENT BAKERY MERCHANDISERS

PLEASE NOTE THE FOLLOWING:

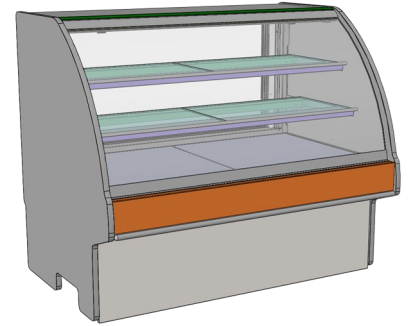
1. YOUR SPECIFIC MODEL NUMBER IS ON THE SERIAL LABEL, USUALLY ON LOWER REAR OF CASE. HOWEVER, LABEL LOCATIONS MAY VARY DEPENDING UPON MODEL.
2. SEE "MODELS (AND THEIR RESPECTIVE CASE DIMENSIONS) LISTED IN THIS MANUAL" SECTION FOR LIST OF MODELS COVERED BY THIS OPERATING MANUAL. AS WELL AS INFORMATION REGARDING CASE DIMENSIONS OF STANDARD MODELS AND CUSTOMIZED MODELS.
3. SEE SERIAL LABEL LOCATION & INFORMATION SECTION IN THIS MANUAL FOR SAMPLE LABELS.
4. CASES SHOWN REFLECT FULL & OPEN END PANELS / STRAIGHT OR ANGLED BASES. YOURS MAY DIFFER.



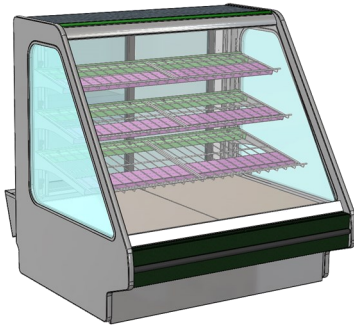
GHS6D.4846 (Glass Top Shelf / Wire Racks at Mid & Lower Shelves); Curved Front Glass



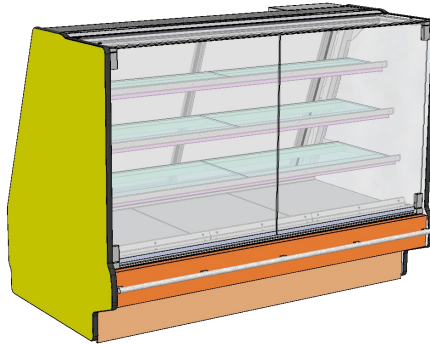
GHS6D.4846 (Glass Top Shelf / Wire Racks at Mid and Lower Shelves); Flat Front Glass



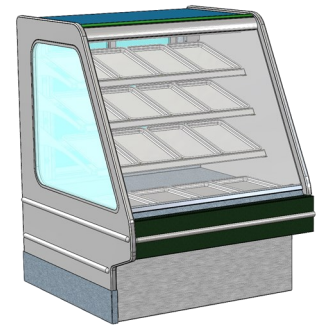
Model GMBS5D.5329
(With Glass Shelves and Curved Front Glass)



GHS452DLB (Wire Racks, Flat Front Glass / Removable Rear Box Trough / Removable Rear Flip-Up Ledge)

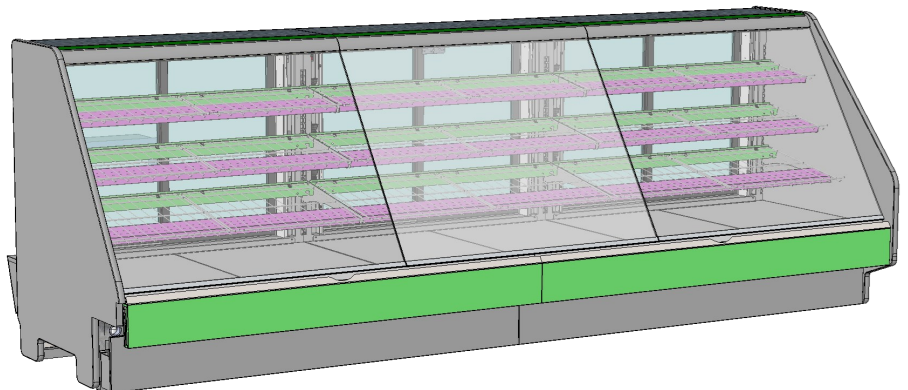


GHSV656DLB / Vertical Front Hinged Glass / Rear Access via Angled Sliding Doors



GHSEH352D.6234 (Standard Shelving, Flat Front Glass / Rear Storage Area)

GHS452DLB
(Wire Racks, Flat Front Glass / Removable Rear Box Trough / Removable Rear Flip-Up Ledge)



Structural Concepts®

DELIVERING FRESH. ALWAYS.™

Structural Concepts Corp. · 888 E. Porter Rd · Muskegon, MI 49441 Phone: 231.798.8888 Fax: 231.798.4960 · www.structuralconcepts.com

TABLE OF CONTENTS

TABLE OF CONTENTS	2
MODELS COVERED BY THIS MANUAL (AND DETERMINING CASE DIMENSIONS)*	3
OVERVIEW / COMPLIANCE / WARNINGS / PRECAUTIONS / WIRING DIAGRAM	4
INSTALLATION: SKID REMOVAL / POSITIONING & ALIGNING UNITS / GLASS SHELVING	5
INSTALLATION: CASTERS / REMOVING VERTICAL LOWER FRONT PANELS	6
INSTALLATION: ADJUSTING FRONT PANELS / ADJOINING UNITS / GLASS SHELVING	7
INSTALLATION: FRAME SUPPORT RAILS VS. LEVELERS	8
INSTALLATION: ACCESS TO INNER ADJUSTABLE CLOSE-OFF / SEAL CLOSE-OFF TO FLOOR (MODEL GHSEH352D.6234 SHOWN - MAY BE APPLICABLE TO OTHER MODELS)	9
INSTALLATION: WIRING DIAGRAMS / FIELD WIRING CONNECTIONS / POWER CORD	10
INSTALLATION: FRONT GLASS ALIGNMENT & ADJUSTMENT (VIA RAIL SYSTEM)	11
INSTALLATION: HINGED DOOR ADJUSTMENT INSTRUCTIONS	12
MERCHANDISER START-UP / REAR DOOR REMOVAL / RAISING FRONT GLASS / HINGED DOORS	13
DISPLAY CASE LIGHTS (FLUORESCENT) - OPERATION AND REPLACEMENT INSTRUCTIONS ..	14
DISPLAY CASE LIGHTS (LED) - OPERATION AND REPLACEMENT INSTRUCTIONS	15
MAINTENANCE FUNDAMENTALS: SHELF ASSEMBLY REMOVAL	16
MAINTENANCE FUNDAMENTALS: OPTIONAL SCALE STAND / FRONT & REAR LEDGE	17
MAINTENANCE FUNDAMENTALS: REMOVABLE REAR LEDGE / BOX TROUGH (MODEL GHS652DLB)	18
ELECTRICAL FUNDAMENTALS [FOR TRAINED SERVICE PROVIDERS ONLY]	19
CLEANING SCHEDULE [TO BE PERFORMED BY STORE PERSONNEL]	20
TROUBLESHOOTING	21
SERIAL LABEL LOCATION & LISTED INFORMATION	22
TECHNICAL SERVICE CONTACT INFORMATION / WARRANTY INFORMATION	23

MODELS COVERED BY THIS MANUAL (AND DETERMINING CASE DIMENSIONS)*

DETERMINING YOUR MODEL AND ITS CASE DIMENSIONS:

Note 1. Your model number can be found on serial label (usually at case rear). However, serial label placement can sometimes vary depending upon model. See ***SERIAL LABEL INFORMATION & LOCATION*** section in this manual for serial label samples.

Note 2. CDRs (Customer Design Requests) are listed with a 4-digit suffix. Dimensions are very similar to standard model (pre-suffix) dimensions.

THIS OPERATING MANUAL ENCOMPASSES THE FOLLOWING MODELS (AND ITS RESPECTIVE CDRs)*

GMBS5D.5329
GMBS552B
GMBS652D
GHS5D.4846D
GHS6D.4846
GHS8D.4846A
GHS452DLB
GHS552DLB
GHS652DLB
GHS852DLB
GHS1052DLB
GHS1252DLB
GHSEH352D.6234
GHSV656DLB
GHSV852DLB

****Additional models may utilize this manual that are not listed above.***

OVERVIEW

- These Structural Concepts cases should be installed and operated according to these instructions to ensure proper performance. Improper use will void warranty.
- This unit is designed to display of products in ambient store conditions with a max. temperature of 80 °F (27 °C) .

COMPLIANCE

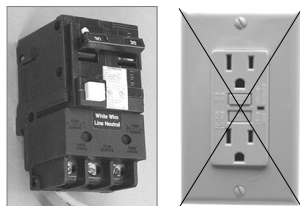
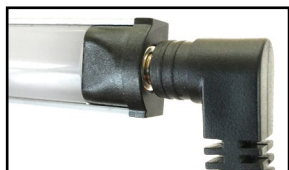
- Performance issues when in violation of applicable NEC, federal, state or local electrical codes are not covered by warranty. See below.

PRECAUTIONS

- Following are important precautions to prevent damage to unit or merchandise. Read carefully!

WIRING DIAGRAM

- Each case has its own wiring diagram folded and in its own packet. It may be placed near ballast box, field wiring box, raceway cover, or other related location.



COMPLIANCE
This equipment **MUST** be installed in compliance with all applicable NEC, federal, state and local electrical and plumbing codes.

CAUTION! LAMP REPLACEMENT GUIDELINES
If LED lamps are used, they must be size, shape and overall design. Any replacements must meet factory specifications.

WARNING
Risk of electric shock.
Disconnect ALL ELECTRICAL SOURCES before servicing.

CAUTION! GFCI BREAKER USE REQUIREMENT
If N.E.C. (National Electric Code) or your local code requires GFCI (Ground Fault Circuit Interrupter) protection, you **MUST** use a GFCI breaker in lieu of a GFCI receptacle.

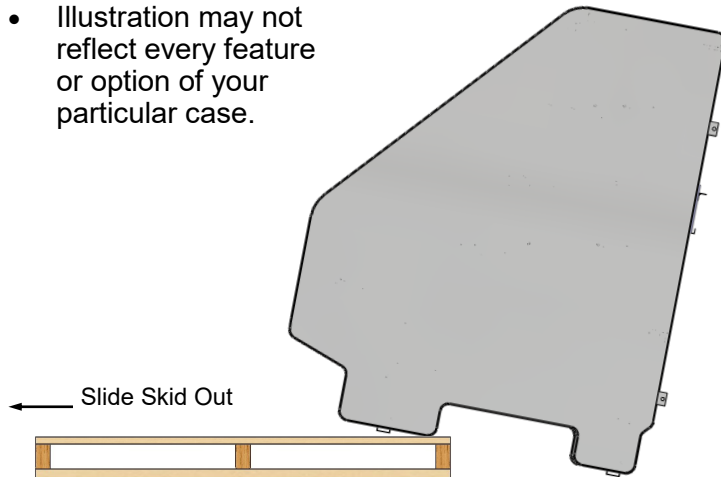
CAUTION! POWER CORD AND PLUG MAINTENANCE
Risk of electric shock. If cord or plug becomes damaged, replace only with cord and plug of same type.

WARNING: This product can expose you to chemicals, including Urethane (Ethyl Carbamate), which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to P65Warnings.ca.gov.

INSTALLATION: REMOVAL FROM SKID / POSITIONING & ALIGNING UNITS/ GLASS SHELVING

1. Remove Case From Skid (Rails or Levelers)

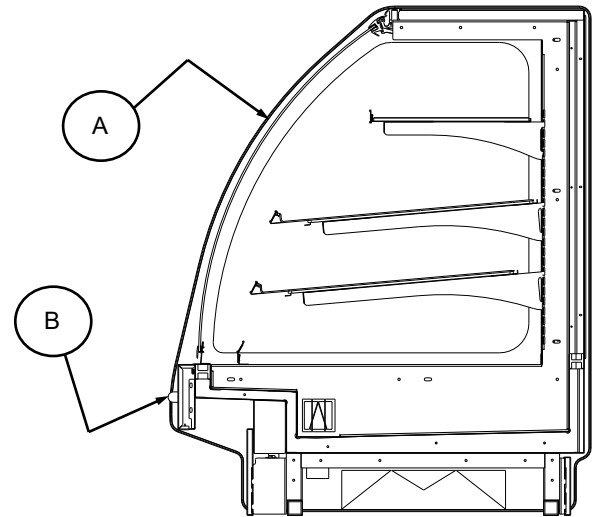
- Remove shipping brace that may be securing case to skid.
- Support case to prevent tipping.
- **Caution! Rails and levelers can be damaged if case hits floor with heavy force!**
- Carefully slide unit to rear of skid and tip backward off skid.
- Illustration may not reflect every feature or option of your particular case.



Reposition with pallet truck when front lower panel removed. Blocking may be necessary to obtain adequate height.

2. Position and Aligning Units

- Position Units.
- Align multiple units carefully in areas A & B shown below.
- Illustration shown has end panel removed for illustrative purposes only.



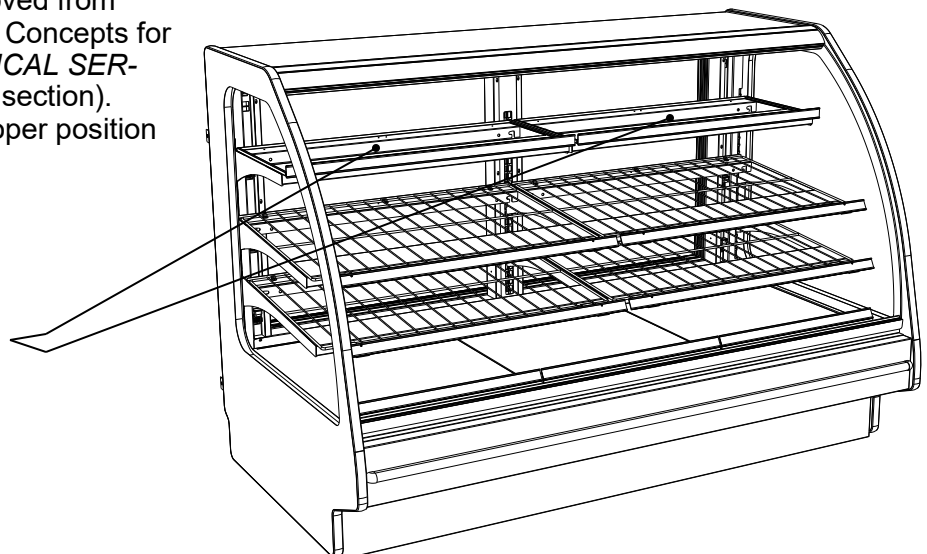
Note: Illustrations shown may not exactly reflect every feature or option of your particular case.

3. Glass Shelving (Certain Cases)

Glass shelving will be packed separately.

- **Caution! Carefully remove from packaging.**
- Grasp firmly and carefully install.
- **Caution! Check that plastic edging is intact before placing glass shelving onto brackets!**
- Plastic edging must NOT be removed from glass shelves. Contact Structural Concepts for replacement edging (see *TECHNICAL SERVICE CONTACT INFORMATION* section).
- Check that glass shelving is in proper position before placing product in case.

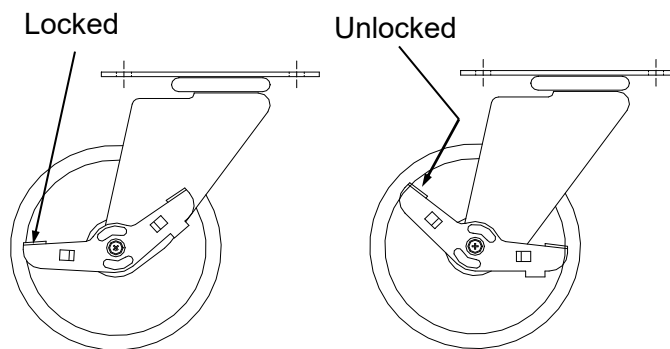
Glass Shelves (Typical).
Please Note: Shelving may be either glass or wire rack.



INSTALLATION: CASTERS / REMOVING VERTICAL LOWER FRONT PANELS

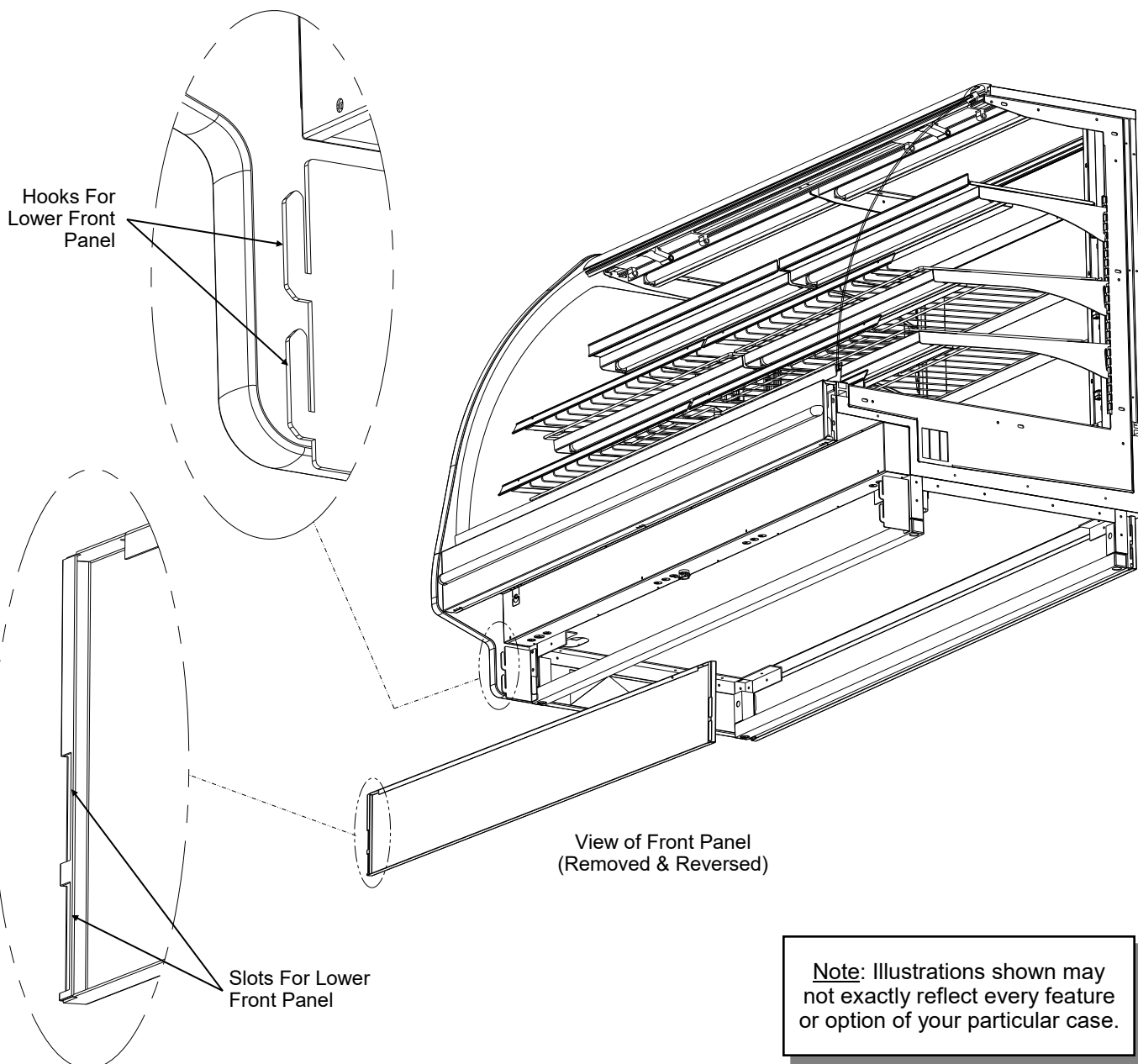
4. Cases With Casters: Lock and Unlock

- To lock casters, press down on lever.
- To unlock casters, pull lever up.
- See illustration at top-right.



5. Removing Vertical Lower Front Panels

- **Note:** No screw removal required: Simply lift lower front panel up (off hooks) and away from case.
- See illustrations below.

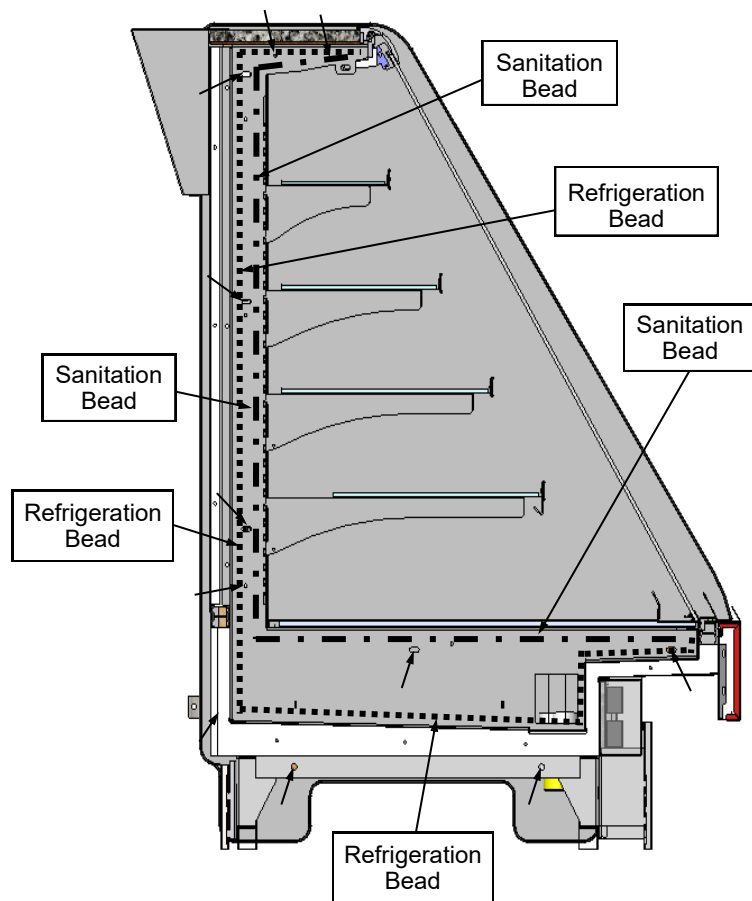


INSTALLATION: ADJUSTING FRONT PANELS / ADJOINING UNITS / GLASS SHELVING

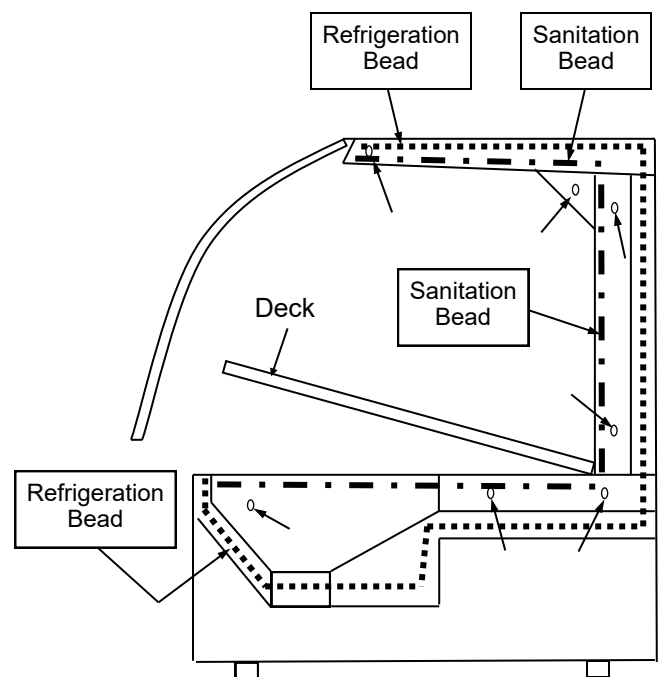
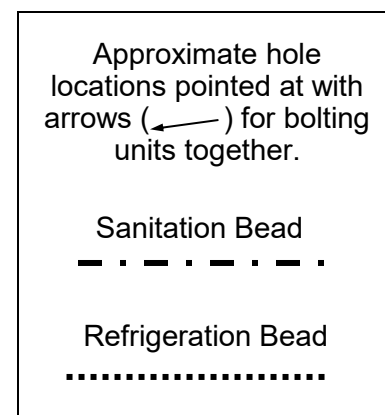
6. Bolting and Caulking Units Together

Follow these steps to assure a secure, level lineup.

- A. Begin all lineups leveling from highest point of floor.
- B. After the 'first' case is level, apply industrial grade butyl caulk on non-visible areas (at case end). Use industrial grade silicone sealant on visible areas (at case end).
- C. Form Two (2) Caulk/Sealant Lines: (Sanitation and Refrigeration). See illustration at mid-right for outline of caulk/sealant lines.
- D. Line up 'second' case bolt-hole to bolt-hole to 'first' case.
- E. Using SCC-supplied bolts (found in hole locations OR in installation packet), insert bolts in bolt hole locations (shown at top-right). You may need to remove decking to access lower bolt holes.
- F. Caution! Front of cases **MUST** be flush with each other! After leveling, all cases to be same height.
- G. Using SCC-supplied nuts & bolts, **lightly tighten** each of the 5 to 8 bolts in a cross-wise pattern. Work your way around the pattern, tightening more firmly at each pass. **Do not** firmly tighten one bolt and then start on the next!
- H. After the cases are bolted together, level the 'second' case. Repeat this process for each case to be adjoined.
- I. After all lined-up cases are level, seal all seams with industrial grade silicone sealant.



--- Sample Flat Glass Unit ---

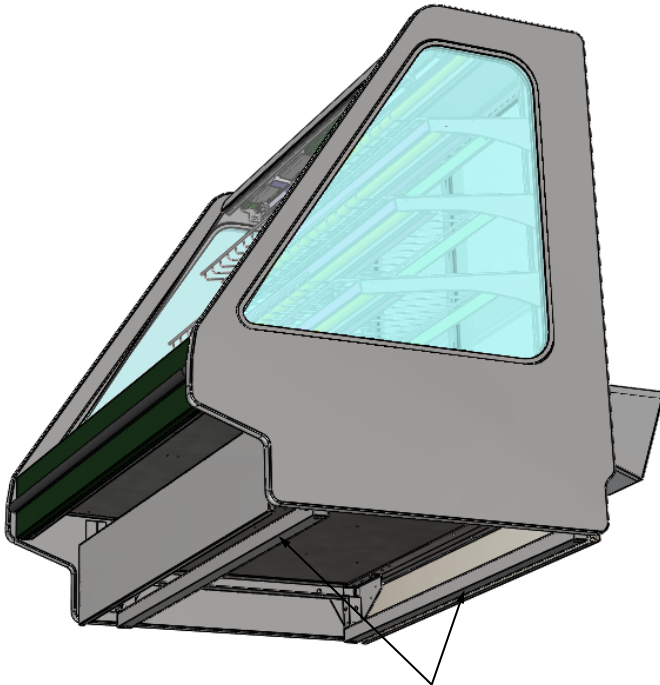


--- Sample Curved Glass Unit ---

INSTALLATION: FRAME SUPPORT RAILS VS. LEVELERS

7. Cases With Frame Support Rails: Shim

- Illustration immediately below shows case with frame support rails.
- Shims will be provided with all cases that have frame support rails.
- Use shims to level case.



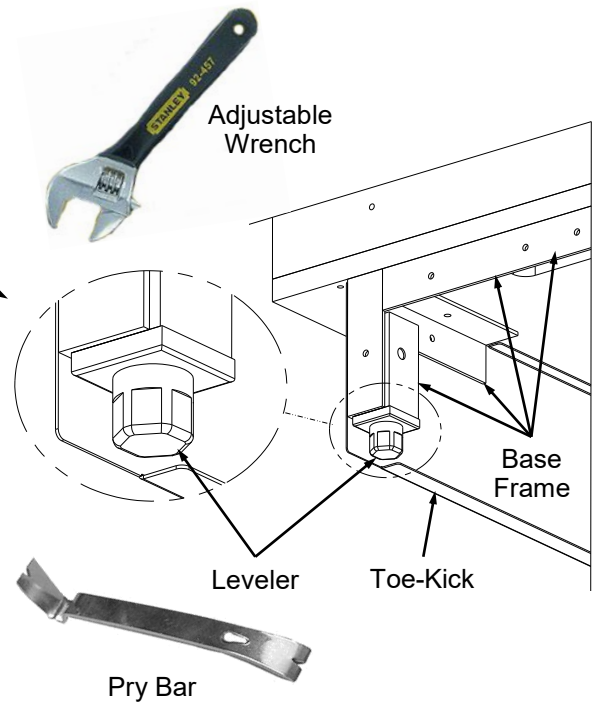
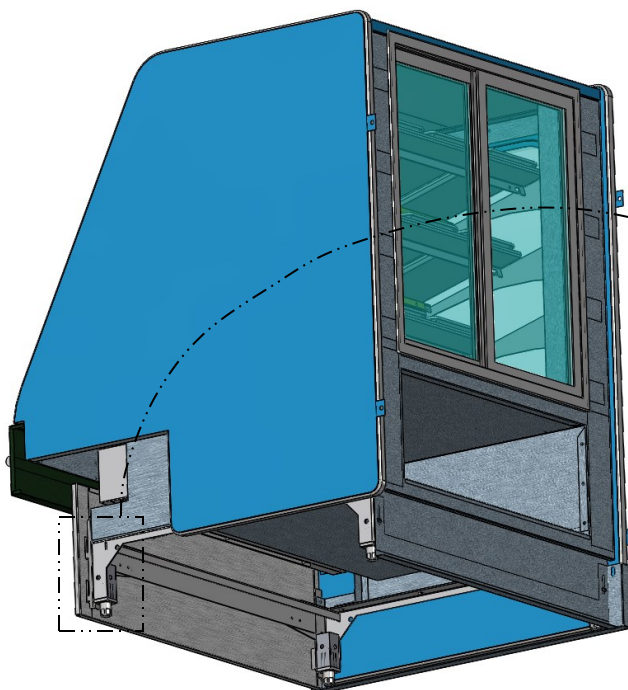
Frame Support Rails

- **Note:** After case is in position, it must be sealed to floor to prevent entry or leakage of liquid or moisture.

8. Cases With Levelers: Adjust

- After case is in position, adjust case so it is level and plumb as shown in below-right illustration.
- You may need to remove front and/or rear toe-kick to access levelers.
- Use adjustable wrench (and possibly a pry bar) to adjust leveler.
- Do not use pry bar on toe-kick (it may buckle).
- Do not use pry bar on end panel (it may chip).
- Use pry bar ONLY on base frame to avoid damaging case.
- Use block to reach base frames with pry bar.
- See illustrations at below-right.

Note: Illustrations shown may not exactly reflect every feature or option of your particular case.



INSTALLATION: ACCESS TO INNER ADJUSTABLE CLOSE-OFF / SEAL CLOSE-OFF TO FLOOR

9. Remove Rear (Or Front) Panel To Access Inner Adjustable Close-Off

- Remove rear panel by accessing (2) screws.
- Or, remove front panel via slot/hook/magnet method.

10. Access Adjustable Close-Off To Apply Sealant

- Inner adjustable close-off is gravity-based.
- No screws are required to hold it in place.

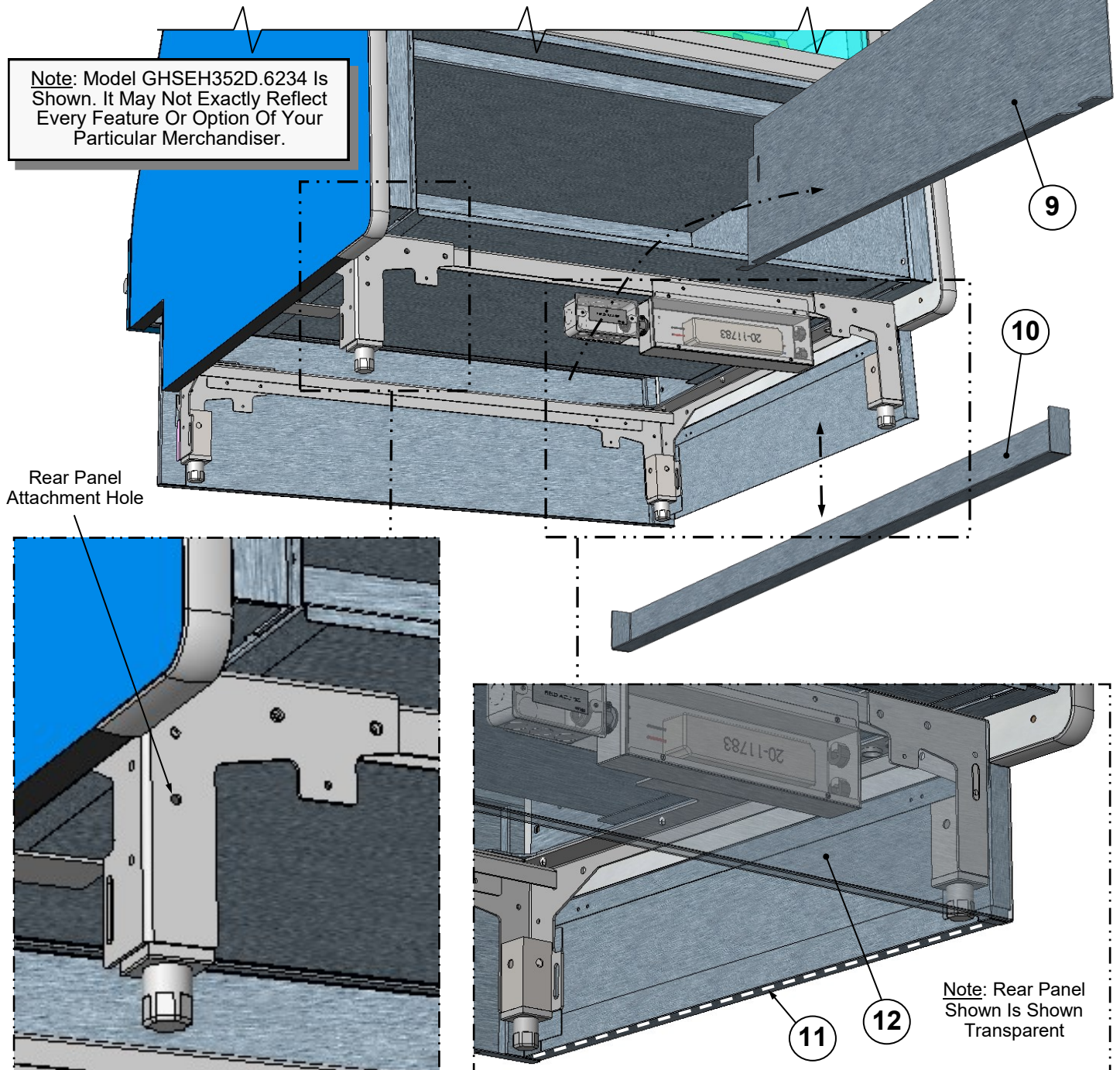
11. Silicone Sealant Application

- Apply silicone sealant to underside of gravity-based adjustable close-off; seal it to floor.

12. Replace Rear (Or Front) Panel

- Replace rear panel by attaching (2) screws.
- Or reattach front panel via slot/hook method.

Note: Model GHSEH352D.6234 Is Shown. It May Not Exactly Reflect Every Feature Or Option Of Your Particular Merchandiser.



13. Wiring Diagrams

- Each case has its own wiring diagram folded and in its own packet.
- Wiring diagram placement may vary; it may be placed near ballast box, raceway cover, or other related location.

14. Field Wiring Connections

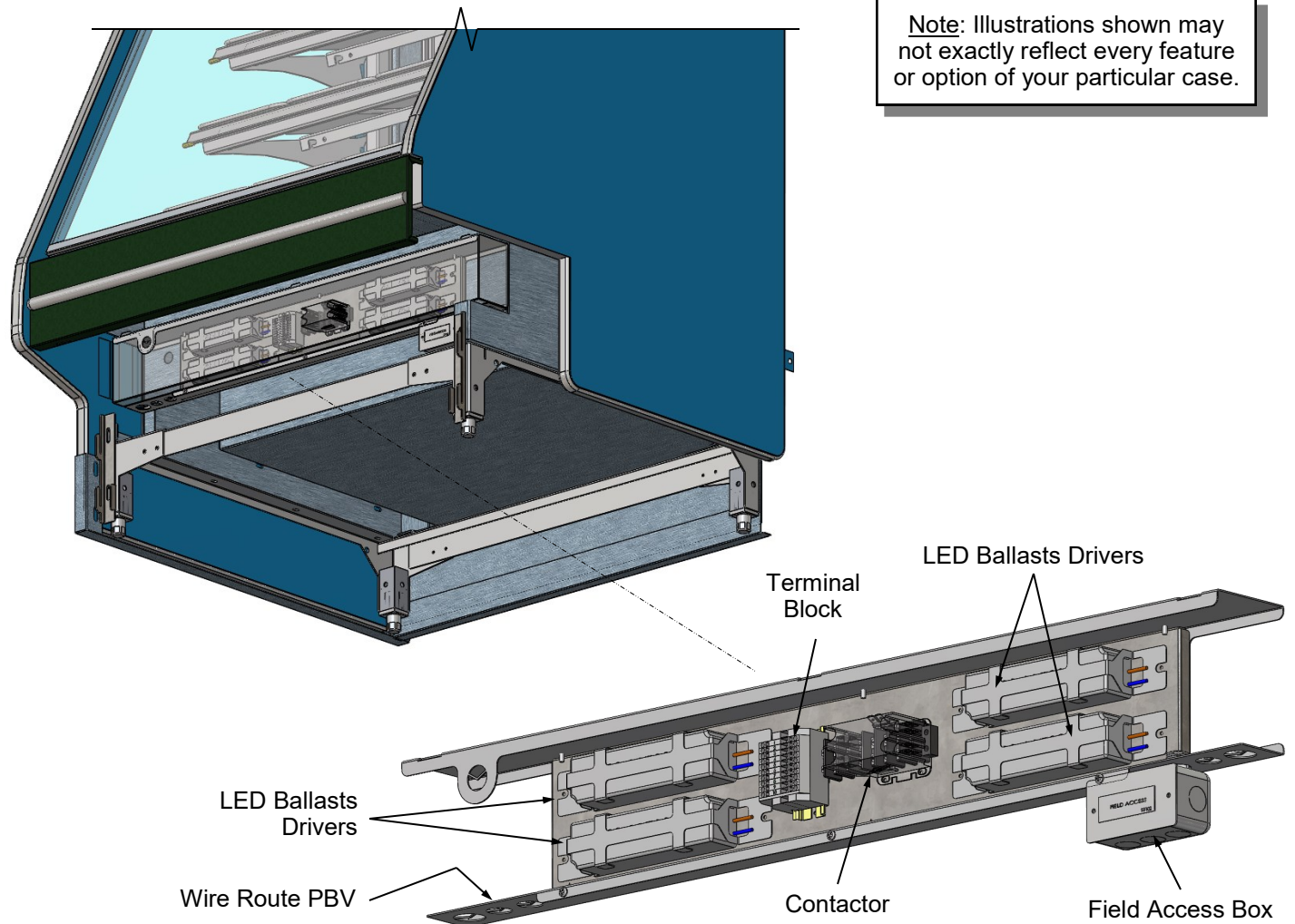
Field Wiring Box / Ballast Box

- Most cases are hard-wired.
- *Remove front panel. See REMOVING VERTICAL LOWER FRONT PANELS section in this manual for instructions.*
- Stub-up connections are in ballast box.
- Remove ballast box cover.

- Knockouts are on the underside of ballast box for electrical connections.
- Voltage rating is on serial label at case rear.
- Note: Wiring process must be performed by a certified electrician only.

15. Units With Power Cord

- Certain cases may have power cord.
- *For your safety, equipment is furnished with a properly grounded cord connector.*
- *Do not attempt to defeat the grounded connector.*
- Plug cord into a certified electrical outlet with ground.

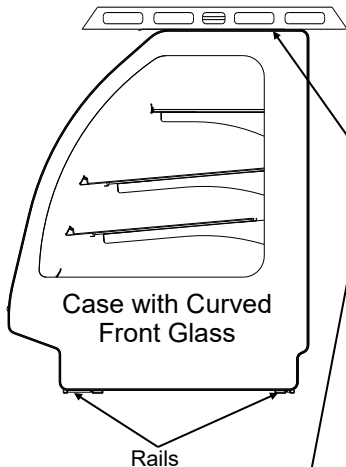


INSTALLATION: FRONT GLASS ALIGNMENT & ADJUSTMENT (VIA RAIL SYSTEM)

16. Front Glass Alignment & Adjustment via Rail System (For Curved and Flat Front Glass)

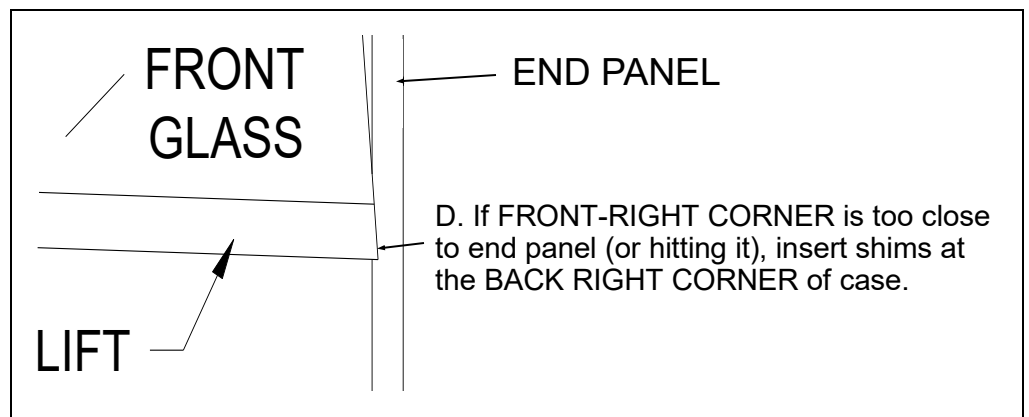
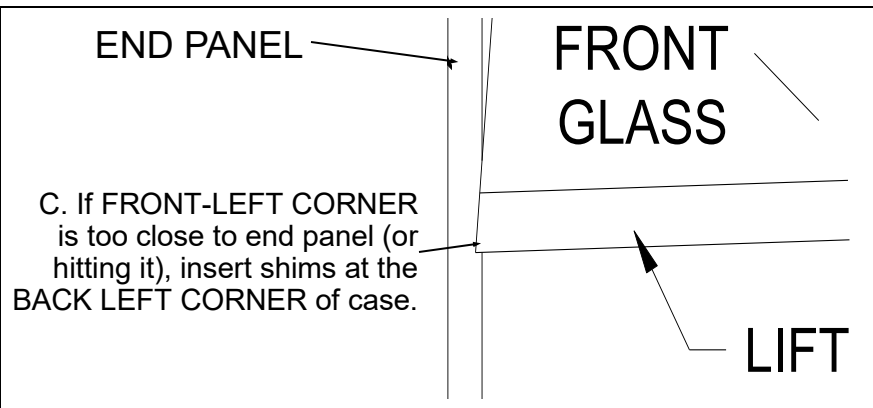
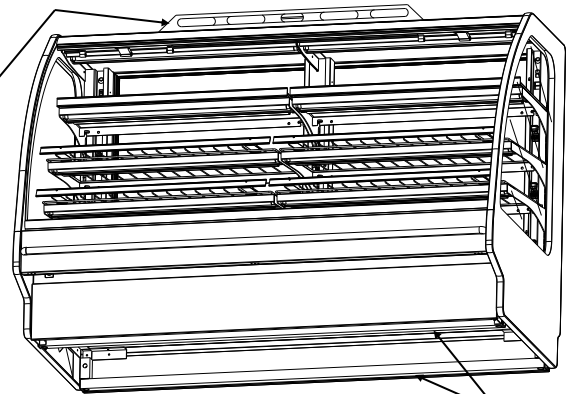
- Proper alignment of the front glass is important to create and maintain a seal inside the case.
- Improper alignment can cause air leaks compromising the environment inside the case and create condensation.
- Follow the five steps listed below to assure proper front glass alignment.
- Illustrations shown may not exactly reflect every feature or option of your particular case.

A. Side-to-Side Leveling: Place a level on top of display case (parallel to front glass). Raise or lower either side of case by inserting shims under the rails to level the case (following steps 3 and 4 below).



B. Front-to-Back Leveling:

- Place a level on top of case, perpendicular to the front glass.
- Raise or lower either side of case by shimming under the rails (following steps 3 & 4 below).
- Double-check the side-to-side level.



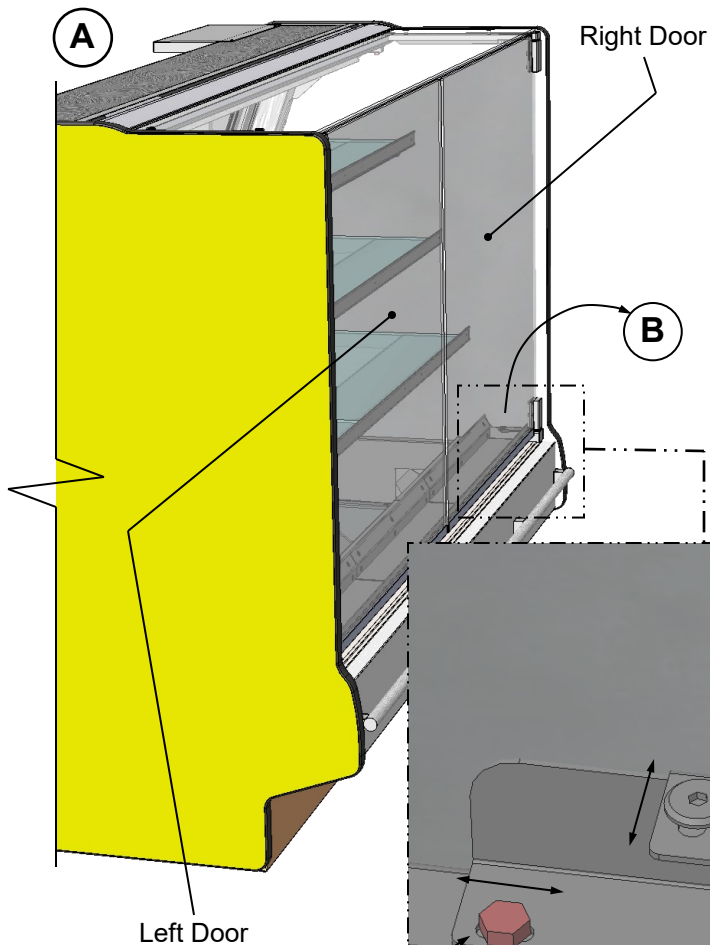
E. Verification:

- After inserting shims, open and shut the front glass.
- Verify (again) that the front glass is properly aligned at both left-hand and right-hand side of the case.
- If not, repeat the shimming procedure until the front glass is properly aligned along both sides of the case.

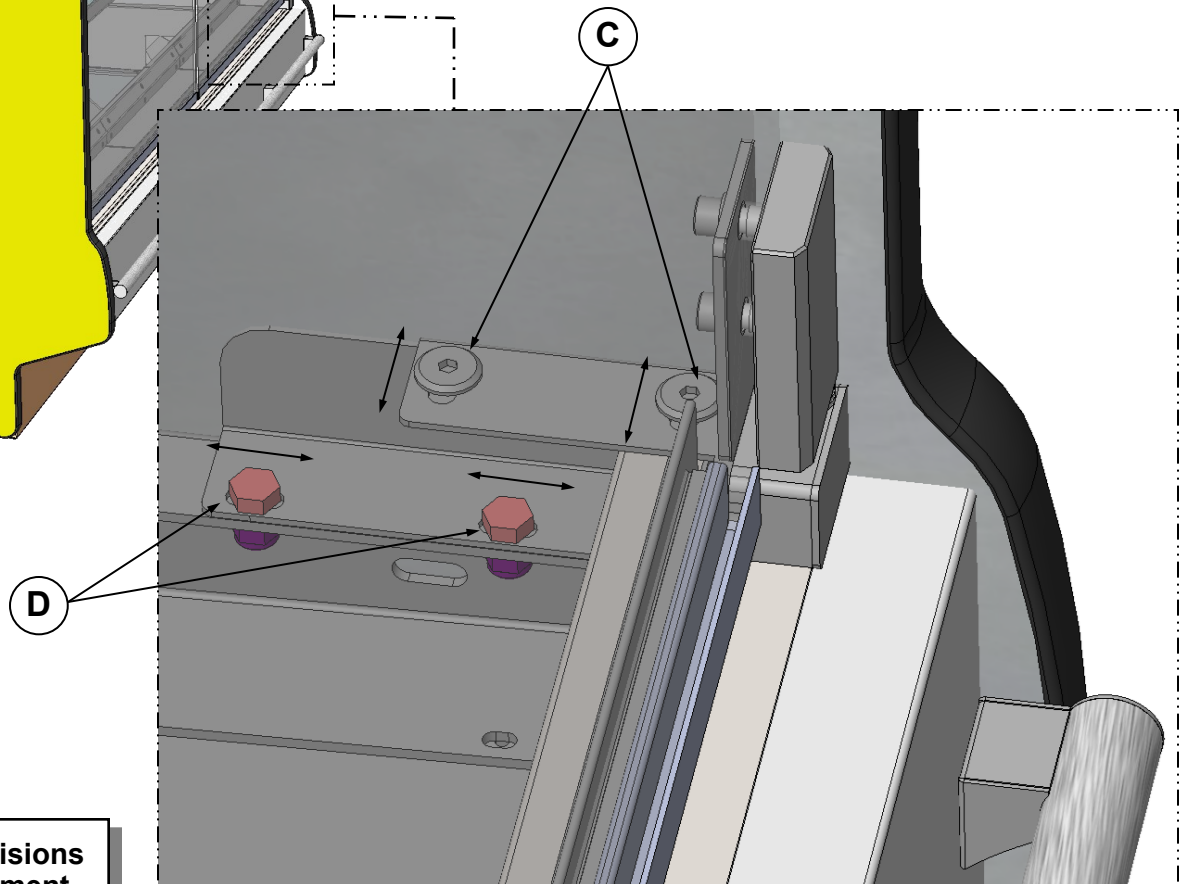
INSTALLATION: HINGED DOOR ADJUSTMENT INSTRUCTIONS

17. GHSVXXDLB Hinged Door Adjustment Instructions

Important! Two people are required to adjust hinge; one person must hold door in desired position while other person adjusts and tightens screws as necessary.



- A. View of Model GHSV656DLB merchandiser is shown below.
 - B. Remove decking or cover strip to access hinge assembly (size and shape may vary).
 - C. If door needs to be adjusted left to right, use Allen® wrench to loosen the 1/4-20 shoulder screws. Second person must adjust door left to right until it is at proper position. Then, shoulder screw must be re-tightened.
 - D. For door needing front to back adjustment, use 7/16" hex driver to loosen hex bolts. Second person must adjust door front to back until it is at proper position. Then, hex bolts must be re-tightened.
- ◆ Check door operation to verify proper adjustment. Repeat steps 3 and/or 4 if necessary to attain proper door motion.
 - ◆ Perform these same steps on opposite door as needed.
 - ◆ Return decking or cover strip to case.



**Note: Any Revisions
To This Document
Must Be Made To
SCC P/N 20-76182.**

--- Note: Model GHSV656DLB Is Illustrated. Your Model May Differ ---

1. Merchandiser Start-Up

- Case will energize when plugged in (or properly field wired).

2. Removing the Rear Doors

- **Note: Rear doors are not interchangeable.** There is an inner and outer door. Outer door must be removed first and replaced last.
- The outer door is the right hand door (from service side/rear of the case). It can be identified by a stop located at the lower right hand corner to the inside of the case.
- Move the doors toward center of the case.
- Individually lift each door up toward top of case and pivot the bottom of the door out.
- Reverse this procedure to install.
- See illustration below-left.

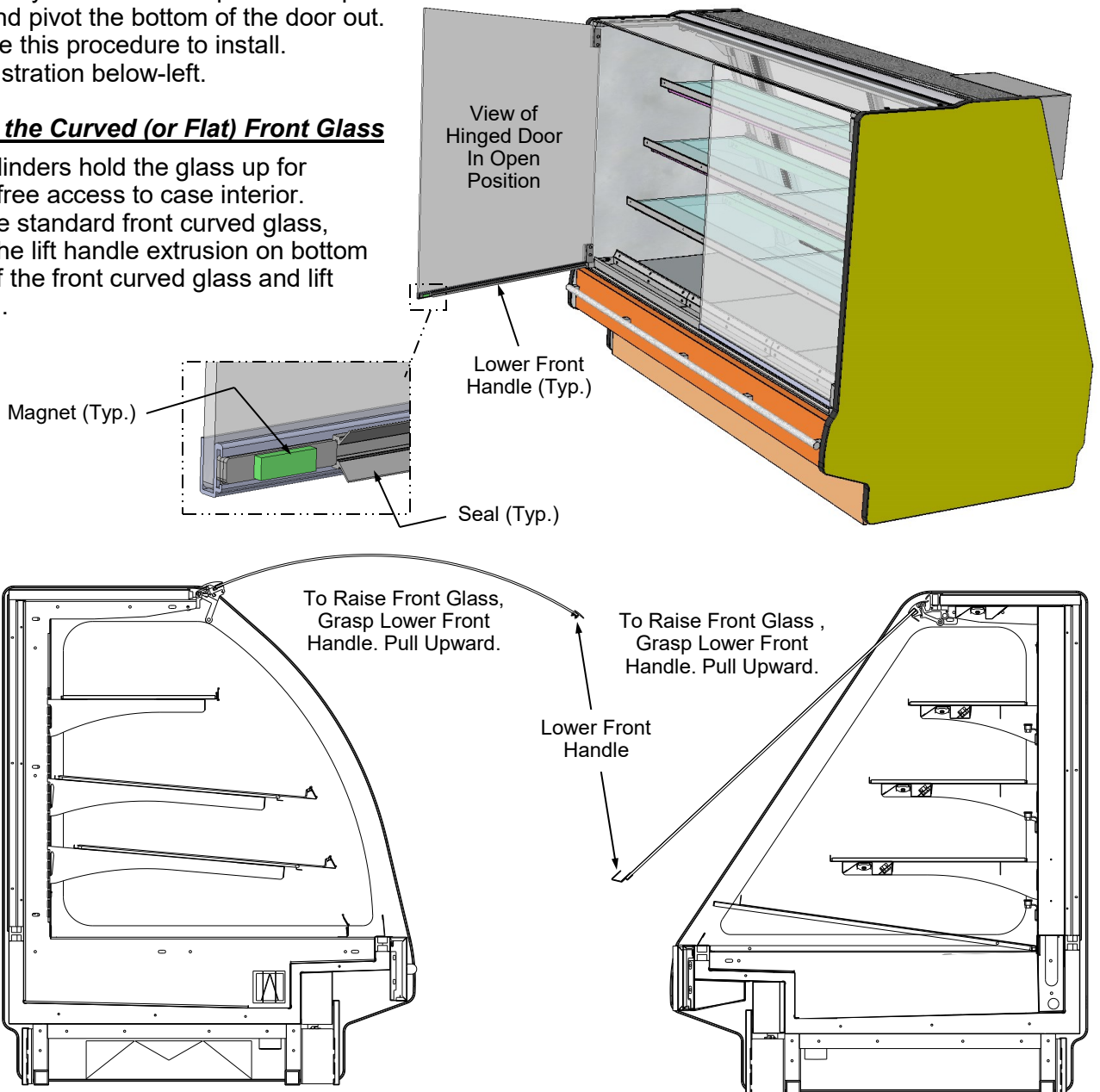
3. Raising the Curved (or Flat) Front Glass

- Gas cylinders hold the glass up for hands-free access to case interior.
- To raise standard front curved glass, grasp the lift handle extrusion on bottom edge of the front curved glass and lift upward.

- See illustrations below-left and below-right.

4. Opening The Hinged Front Glass Doors

- Certain units have doors with hinges at sides.
- Doors have magnets that keep doors firmly closed.
- To open, simply grasp lower front handle and pull outward.
- See illustration immediately below.
- **Note: See next page for hinged door adjustment instructions.**



DISPLAY CASE LIGHTS (FLUORESCENT) - OPERATION AND REPLACEMENT INSTRUCTIONS

Display Case Lights

1. Lights: Overview

- Turn lights on. Switch is at front-left upright.
- All lights should come on at the same time. If bulbs are fluorescent, first time lighting may require a short warm-up period.
- Slightly dim / flickering of new bulbs is normal. If lights do not turn on, check raceway plugs.
- Lighting is wired in series so **all lights must be plugged in or receptacles capped** for case lights to be on. See illustration at top-right.
- LED Lights: If lights do not come on, check that plug is properly inserted into socket.

2. Standard Fluorescent Style Light Fixtures

>> Note: Fluorescent lamps have been treated to resist breakage and must be replaced with similarly treated lamps.

Removal of Lamp (see photos at top-left):

- Grasp lamp firmly and carefully pull downward and out from socket.

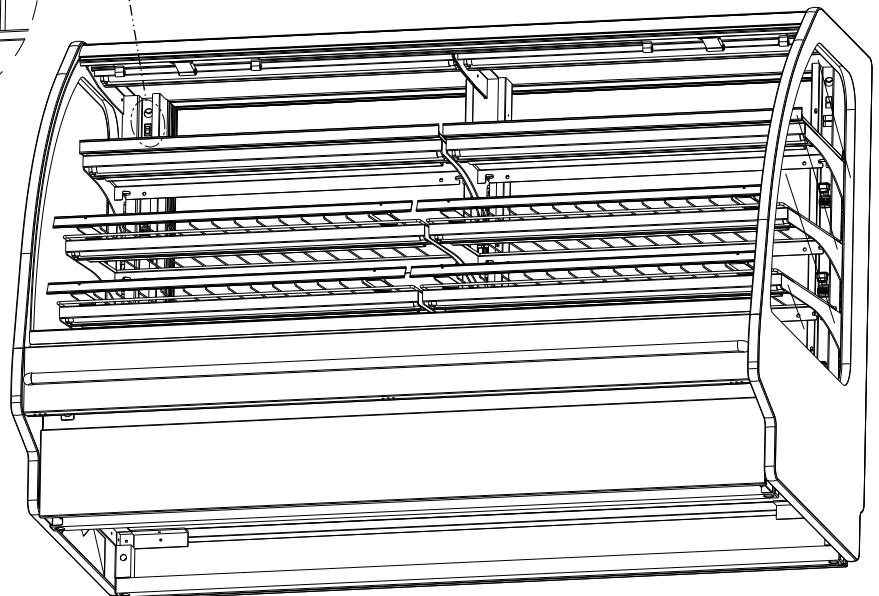
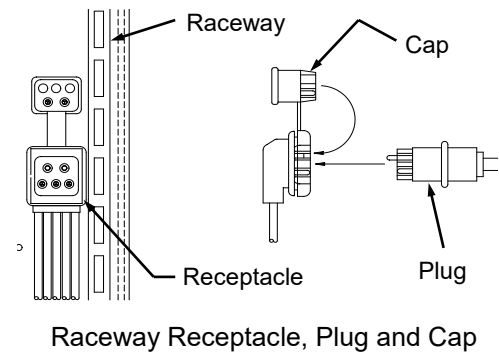
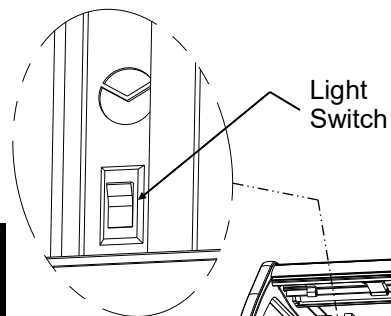
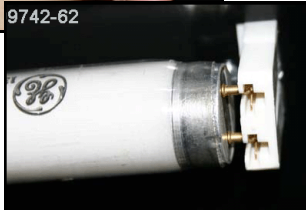
Installation of Replacement Lamp:

- Align pins with sockets and push up into place.

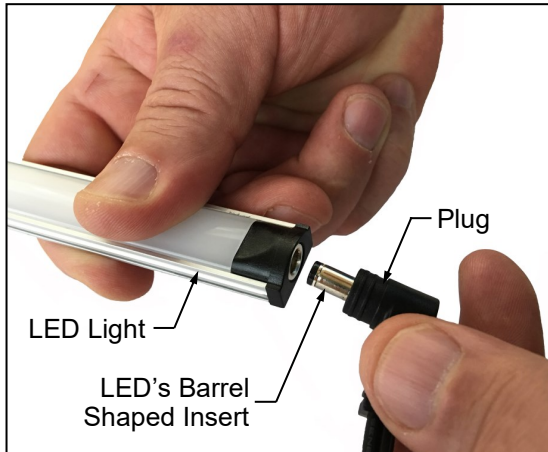
>>> **Note: See Next Page For LED Style Light Fixtures**



9742-62



DISPLAY CASE LIGHTS (LED) - OPERATION AND REPLACEMENT INSTRUCTIONS

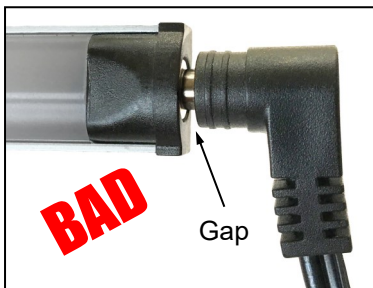


1. Power Cord and Plug For LED Lights

- Power cord and plug (for LED lights) locations vary depending upon model.
- Caution! You must be plugged in an approved outlet!

2. LED Lights

- LED lights are usually located at both header and shelving of case.
- Check that ALL of the light plugs are properly connected to the LED light.
- Plug must be inserted ALL THE WAY into the LED light orifice (with no gap) to work properly.
- See **TROUBLESHOOTING** section in manual if LED lights malfunction.



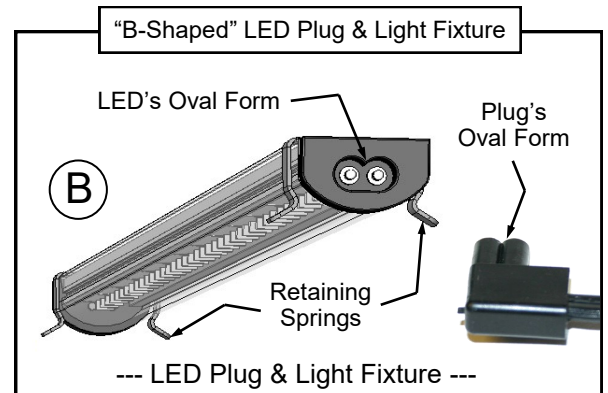
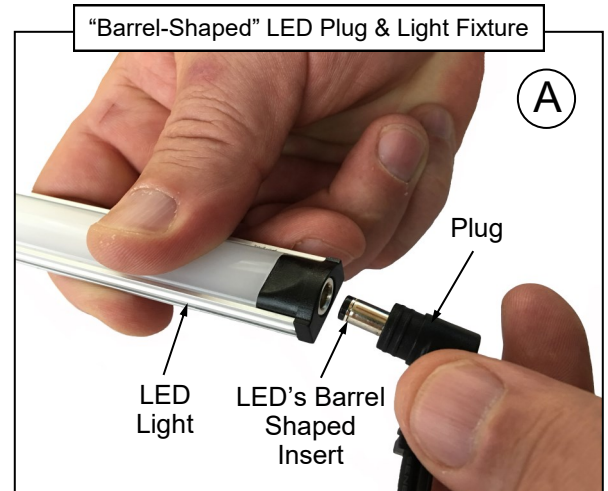
3. LED Style Light Fixtures

Removal of faulty LED light:

- LED lights rarely require change-out.
- To remove faulty LED light, simply grasp light near retaining spring and carefully pull away from its spring. Disconnect plug from LED's socket.
- Contact Structural Concepts' Technical Service Department for replacement parts (see Technical Service section of this manual for information).

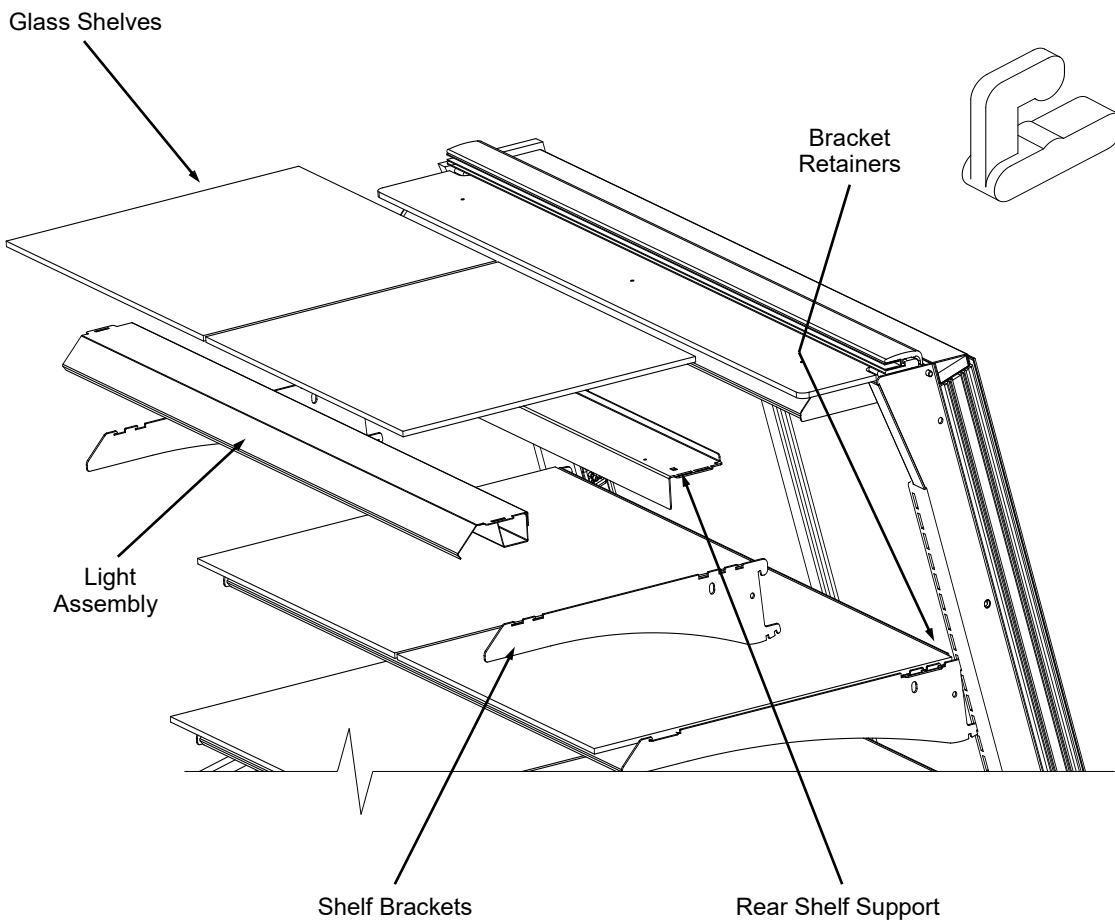
Replacement of LED light:

- To replace LED light fixture, simply insert new LED light at proper position (socket must be near plug). Carefully snap into metal springs so LEDs are held firmly in place.
 - **Note:** LED light and plug must be connected in a specific manner or they will not work.
- A. Certain plug designs ("barrel type") merely require that plug be pushed all the way in.
 - B. Other plugs require "oval edge" of plug to connect to oval edge of LED light.
- See illustrations at right.



1. Shelf Assembly Removal

- Raise the front curved glass.
- Remove and carefully set aside glass or wire shelves.
- For lighted shelving, unplug the light cord and detach from the rear shelf support.
- Slide light assembly back to unlock, then rotate up to separate from brackets.
- Slide rear support back to unlock and rotate up to separate from brackets.
- Remove brackets. **Note: Nylon Shipping Retainers may need to be removed.**
- Pliers may be required to accomplish this task.
- See illustration below.



Optional Scale Stand, Front/Rear Ledge

A. Optional Scale Stand, Front & Rear Ledge

Illustration at lower-right reflect case with:

- ⇒ Optional Rear Ledge,
- ⇒ Optional Scale Stand and
- ⇒ Optional Front Package Ledge.

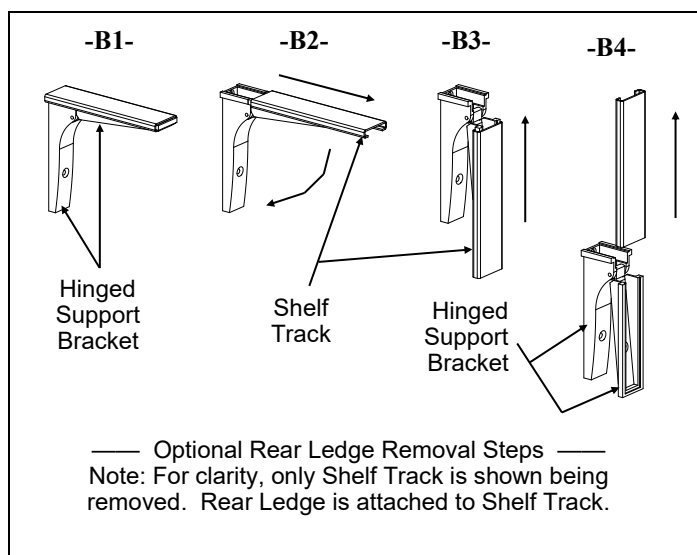
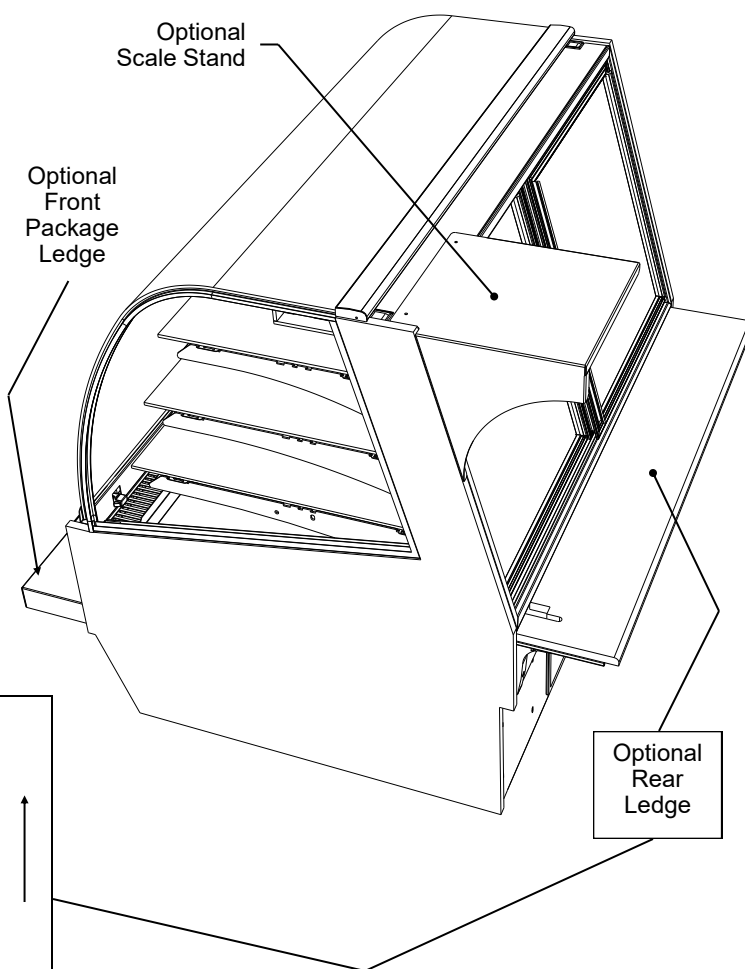
B. Rear Ledge Removal Steps

Rear Ledge is connected to Shelf Track. See below for Rear Ledge removal steps.

The step-by-step removal method are as follows:

1. Hinged Support Bracket is shown in its standard upright position.
- 2 & 3. While upright, Rear Ledge must be slid away from case and then rotated downward to vertical position.
- 3 & 4. From the shelf's lowered position, lift from bottom edge upward to disengage shelf track (and attached Rear Ledge) from bracket.

Note: Illustrations shown may not exactly reflect every feature or option of your particular case.



Note: These features and options pertain to model GHS652DLB. They may not be applicable to your particular model.

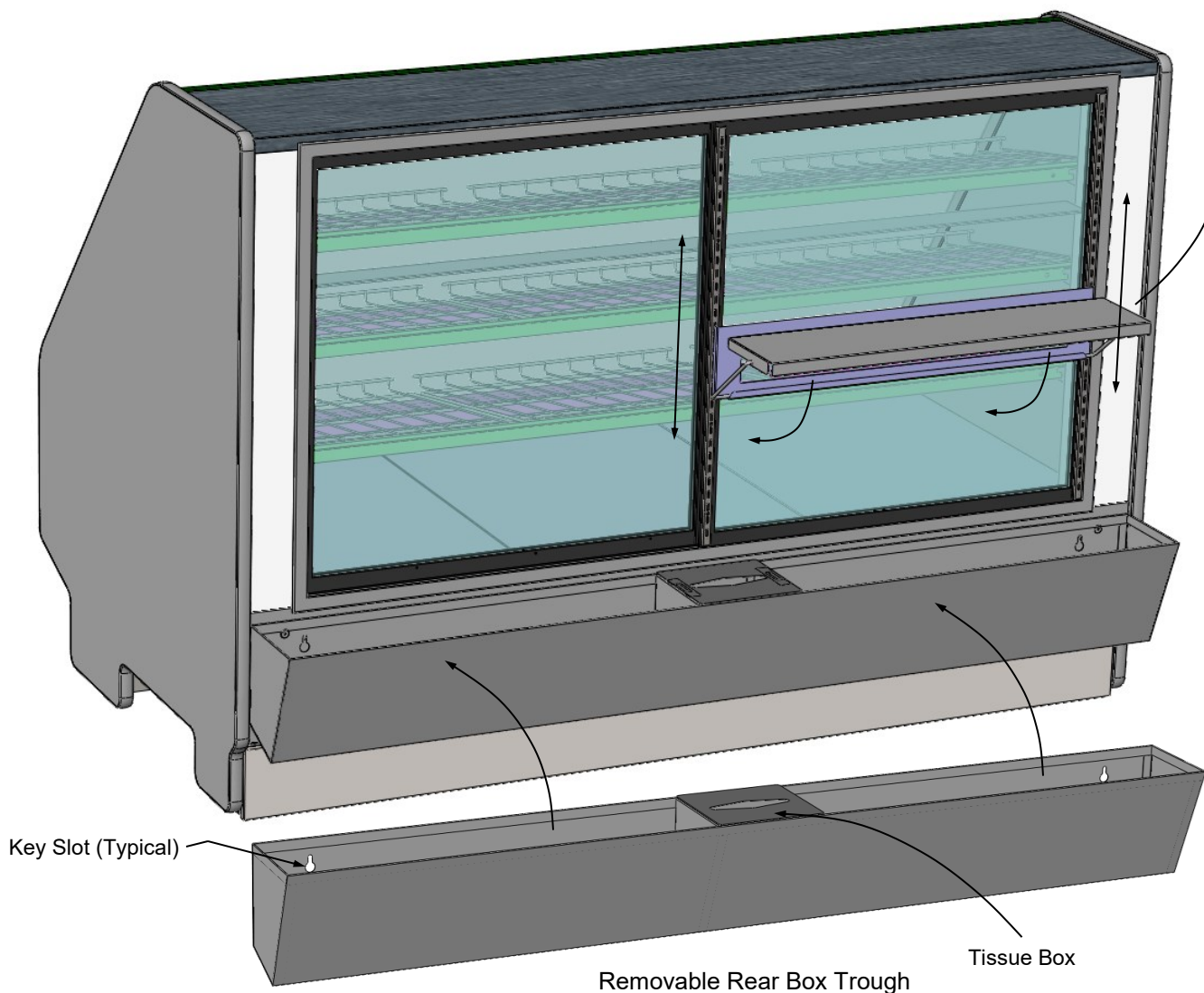
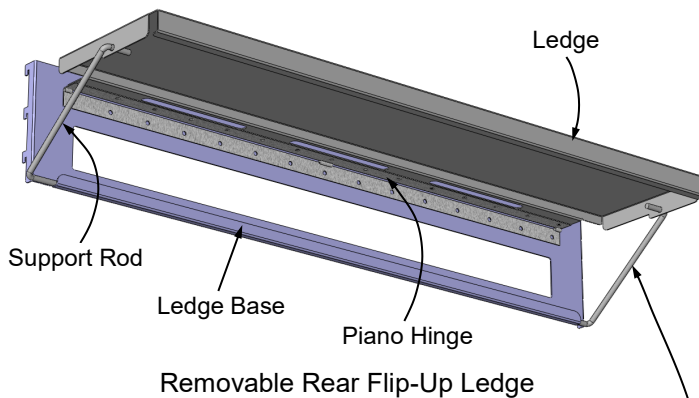
1. Removable Rear Flip-Up, Adjustable Ledge

- Rear ledge may be lifted up and off case rear (off bracket slots).
- Rear ledge may be raised or lowered by lifting support rod out of ledge base.
- Rear ledge may be raised (or lowered) along bracket slots.

2. Removable Rear Box Trough

- Tissue box is at center of trough.
- Rear box trough may be removed from case by lifting up and off (key slots shown in illustration below).

Note: Illustration below may not exactly reflect every feature or option of your particular case.

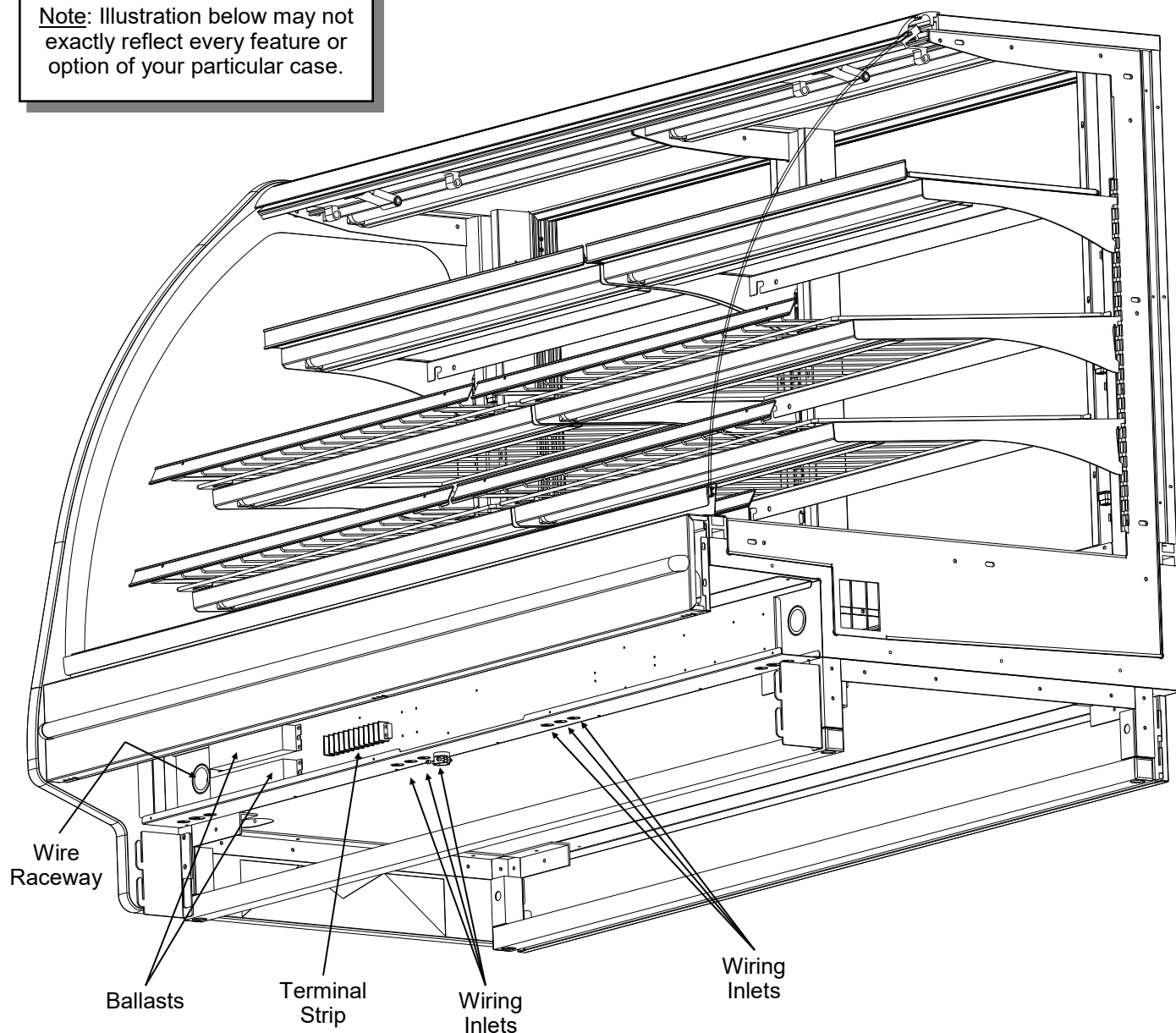


Ballast Access/Removal

Warning! disconnect power before providing maintenance and service to unit.

- ***Assembly or disassembly and servicing to be accomplished by licensed electrical contractor.***
- Remove the front grille by removing screws located on electrical box.
- See illustration below.

Note: Illustration below may not exactly reflect every feature or option of your particular case.



CLEANING SCHEDULE [TO BE PERFORMED BY STORE PERSONNEL]

AREA	FREQ.	INSTRUCTIONS
Exterior	Daily	<p>All Glass / Mirrors: Clean inside and outside glass, front curved glass, and glass shelves with household or commercial glass cleaner.</p> <p>Warning: Lowering the front glass with fingers or items inside top cap can cause serious injury or damage to case.</p> <ul style="list-style-type: none"> • Raise the front curved glass. • Clean inside the cavity at both ends of the hinged top cap with a mild soap and water.
	Daily	<p>Rear Sliding Door Exterior Glass: Clean inside and outside with household or commercial glass cleaner. Clean out door track with moist cloth.</p>
	Daily	<p>Top Board, End Panels, Front Panel, Toe-Kick, etc.: Wipe off all surfaces with warm water and mild soap solution and non-abrasive cloth.</p>
	Weekly	<p>Removable Rear Ledge / Removable Box Trough: Wipe off all surfaces with warm water and mild soap solution and non-abrasive cloth. For stubborn stains and/or hardened residue, lift up and off; submerge in hot, soapy water; use soft-bristled brush to removed stains and/or residue. Rinse. Dry. Return to case.</p>
	Weekly	<p>Wood, Laminate and Painted Surfaces: Clean with mild soap and water solution and a soft cloth .</p>
	Monthly	<p>Under Case Cleaning: Remove front toe-kick (or rear grille). Vacuum under case to remove all dust and dirt. Replace front toe-kick (or rear grille) when complete.</p>
Interior	Daily	<p>Wire Racks: Wipe down wire racks with warm water and mild soap solution and non-abrasive cloth.</p>
	Daily	<p>Shelf Glass [Certain Cases]: Clean with household or commercial glass cleaner.</p>
	Weekly	<p>Wire Racks: Remove wire racks from case and submerge in warm water and mild soap solution. Clean thoroughly. Rinse and return to case.</p>
	Weekly	<p>Wire Rack Shelves / Glass Shelves: When wire racks and/or shelf glass is removed from case, wipe down shelving with warm water and mild soap solution.</p>
	Weekly	<p>Decks: Wipe off decks with moist cloth dipped in mild soap and water solution.</p>
	Weekly	<p>Tub (Under Decks): Vacuum tub under deck. Clean with soap and water. Wipe dry with clean cloth.</p>

TROUBLESHOOTING


<p>Product is Drying Out</p>	<p>Check the relative humidity in the store.</p>
<p>Doors/Glass Won't Shut Properly</p>	<p>Check that the case is aligned, level and plumb. See <i>INSTALLATION: FRONT GLASS ALIGNMENT & ADJUSTMENT</i> section in this manual for instructions.</p>
<p>System is not Operating</p>	<p>Check the circuit breaker box for tripped circuits.</p>
	<p>Confirm that unit is turned on or properly plugged in.</p>
	<p>Confirm that unit has been field wired correctly. <i>Caution! Only certified electricians are to perform this task!</i></p>
<p>Case Lights Not Working</p>	<p>Be sure ALL lights are plugged in or receptacles capped.</p>
	<p>Check bulbs for proper installation and connection.</p>
	<p>Check for burned out bulbs.</p>
	<p>Clean dirt and dust from the bulbs to prevent flickering.</p>
	<p>After performing all other checkpoints, if lights are still not working, a <i>certified electrician</i> should check for faulty ballasts. If voltage is entering but not exiting the ballast, ballast is faulty.</p>
	<p>Clean dirt and dust from the bulbs to prevent flickering.</p>

Serial Label Location & Information Listed / Technical Information & Service

- Serial labels are affixed at a wide range of places (on the header, at case rear, behind panels or toe-kicks, on electrical boxes, etc.).
- Serial labels contain electrical information as well as regulatory standards to which the case conforms.

- Sample serial label shown below.
- For additional technical information and service, see the *TECHNICAL SERVICE* page in this manual for instructions on contacting Structural Concepts' Technical Service Department.

Structural Concepts®
888 E. Porter Rd - Muskegon, MI 49441



Intertek

Fusion

MODEL NRS3648RXV-SAMPLE
SERIAL NO. 12345X30DZ098765

SAMPLE ONLY

3048256
Conforms to UL Std. 65
CERTIFIED TO CAN/CSA
STD C22.2 NO 120

120 VOLTS 60HZ
FOR PARTS OR SERVICE CALL
STRUCTURAL CONCEPTS
AT 1-800-433-9489

SAMPLE ONLY

SAMPLE ONLY

SAMPLE ONLY


SAMPLE ONLY

SAMPLE ONLY

SAMPLE ONLY

SINGLE PHASE 1.84 AMPS

SCAN FOR PRODUCT LITERATURE



Sample QR Code

--- Sample Serial Label For Ambient/Heated Cases ---

STRUCTURAL CONCEPTS TECHNICAL SERVICE CONTACT INFORMATION & LIMITED WARRANTY

TECH SERVICE/WARRANTY CONTACT INFO:
1 (800) 433-9490 / EXTENSION 1
DAYS/HOURS AVAILABLE:
MONDAY - FRIDAY (CLOSED HOLIDAYS)
8:00 A.M. TO 8:00 P.M. EST

**YOU MUST HAVE THE FOLLOWING INFO AVAILABLE
BEFORE CONTACTING STRUCTURAL CONCEPTS:**
SERIAL NO. / MODEL NO. / STORE NO. / STORE
ADDRESS / DETAILS (PHOTOS, LEAK LOCATIONS,
DAMAGE, STORE'S AMBIENT CONDITIONS, ETC.)

**To Access The Limited Warranty To Your
Case, Follow These Instructions:**

- > If Viewing This Document on Smart Phone, Tablet or Computer, Select/Click On The QR Code at Right.
- > If Viewing This Document In Print (Hard Copy), Scan The QR Code at Right With Your Smart Phone or Tablet.

