

# STAR CASE DESIGNER SERIES RACK KIT

## Detailed Assembly Instructions

Assembling your new Patent Pending Star Case Designer Series Rack is simple.



Prior to assembly, please make sure you have the following 2 component packs:

**Designer Series Master Pack** includes 1 preassembled 4-sided bottom frame and top frame,



16 dog point screws (8 LONG BARREL and 8 SHORT BARREL philips screws)



and 4 pre-installed nylon leveling feet or casters.

**Designer Series Height Pack** includes 4 vertical height extrusions with conveniently etched EIA rack spacing & pre-tapped 10-32 holes.



### Step 1

Place pre-assembled bottom frame with either leveling feet or casters on a flat & level surface.

**Preassembled Bottom Frame**



**Fig. 1**

**Connecting Corner Detail**



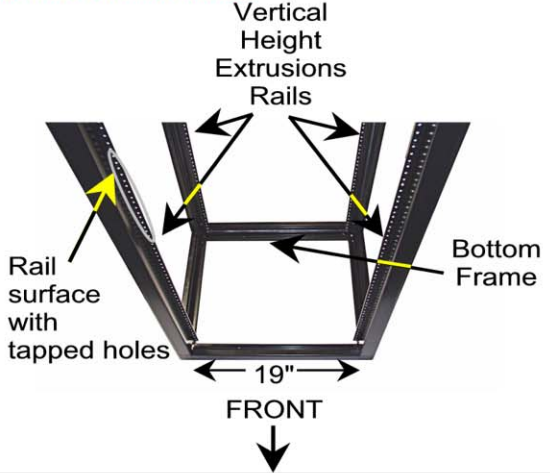
**Fig. 1A**

### Step 2

Insert vertical height extrusion rails on the stubs of the bottom frame. Be sure the tapped holes in these rails are facing the 19" (18-3/8" hole center-to-center) front or back of the rack.

**If your rack was purchased with side panels see attached side, door & cover panel instruction sheet.**

**Fig. 2**

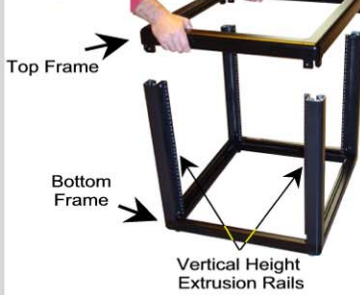


### Step 3

Place the preassembled top frame with the vertical height extrusions rails by inserting the corner stubs into the top of the vertical height extrusion rails. Be sure the stubs are fully inserted before proceeding. Install and fully tighten the 8 short barrel screws, both front & rear, top & bottom (see fig. #2A).

**IMPORTANT:** If the rack is not on a flat & level surface it may be difficult to line up the threaded holes with the holes in the vertical height extrusions, therefore, it may be necessary to tilt or move rails slightly while aligning and starting the screws into the threaded holes. Insert and fully tighten the 8 long barrel screws.

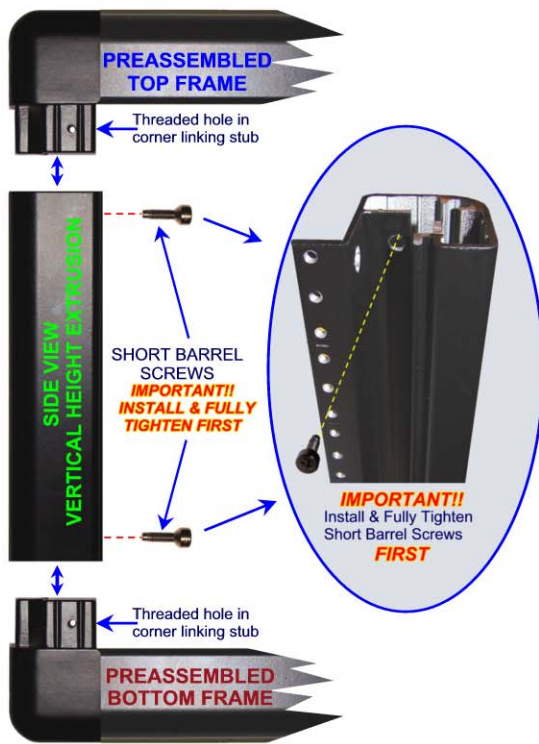
**Fig. 3**



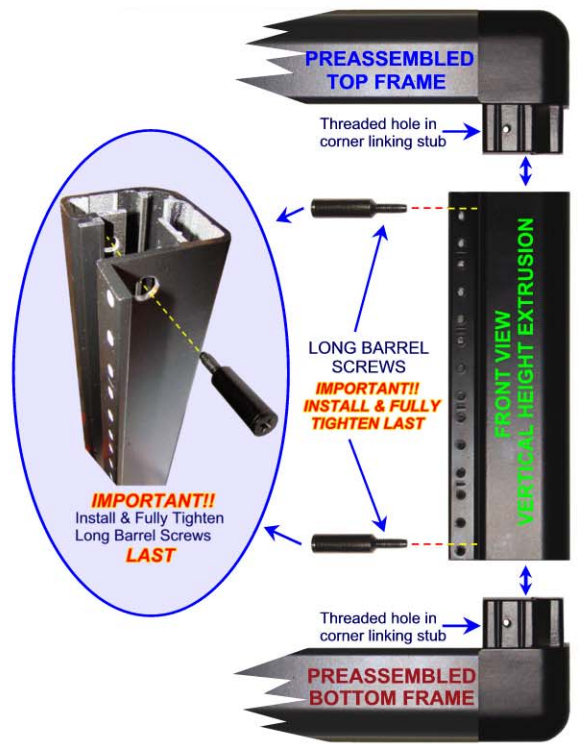
**If your rack was purchased with doors, please refer to attached side, door & cover panel instruction sheet.**

**Fig. 2A**

#### SIDE VIEW DETAIL OF RACK



#### FRONT VIEW DETAIL OF RACK



# STAR CASE FULLY ENCLOSED DESIGNER SERIES RACK KIT

## Detailed Assembly Instructions with side, door & cover panels

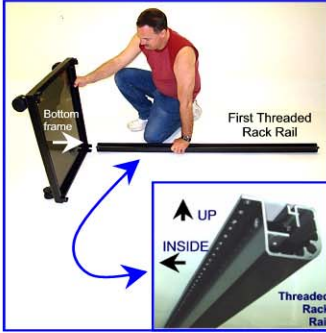
If you've purchased your Designer Series rack with smoked acrylic or PVC side and/or cover panels, care must be taken during the assembly process to insure proper fit within the extruded frame rails. Use of a #2 magnetic tipped philips head hand screwdriver (included) will help to avoid marring PVC or acrylic panels. Please follow these instructions carefully. For safety purposes and ease of assembly, we recommend a large flat area and the help of an assistant.

### Step 1



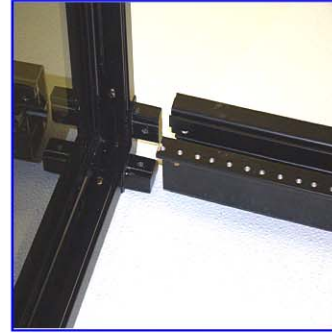
Place preassembled bottom frame as shown in "Step 1" photo.

### Step 2



Place first threaded rack rail on flat surface. Threaded rack rail pointed up and inside\*. If your rack has doors, please check to confirm hinges are positioned on this rack rail and hinge pins are pointing up and away from preassembled bottom frame. Please refer to "Step 13" photo on page 2.

### Step 3



Line up slot openings in end of threaded rack rail with the two exposed stubs of connecting cast corner. Position threaded rack rail over stubs and check threaded hole in each stub is in line with pre-drilled holes of threaded rack rail.\* Insert and fully tighten SHORT & LONG BARREL dogpoint screws by following the detailed instructions in Step 4.

### Step 4 (Corner Fastening Detail)



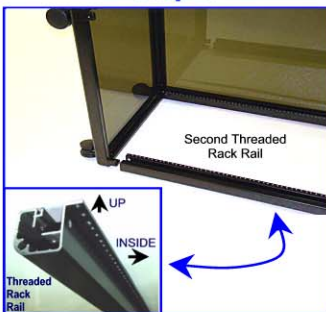
### Step 5



Position, line up & insert 1/8" side panel with 1/8" slot in threaded rack rail & corresponding 1/8" slot in preassembled bottom frame.

\* Make sure that distance from left & right tapped holes, center-to-center, in vertical height extrusions is 18-3/8".

### Step 6



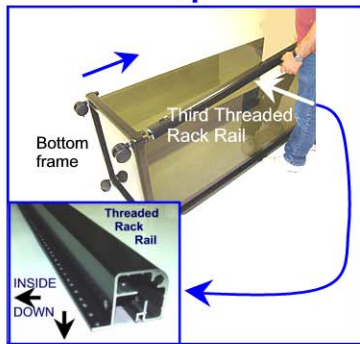
Place second threaded rack rail pointed up and inside on this rail.\* If your rack has doors, please check to confirm slotted opening for key lock and magnetic catch are positioned on this rail. Please refer to "Step 14" on page 2. Insert and fully tighten SHORT & LONG BARREL dogpoint screws by following the detailed instructions in Step 4.

### Step 7



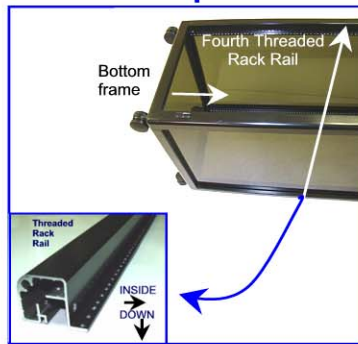
Position, line up & insert 1/8" side panel with 1/8" slot in threaded rack rail & corresponding 1/8" slot in preassembled bottom frame.

### Step 8



Place third threaded rack rail pointed down and inside.\* Check side panel lines up and insert into 1/8" slot of rack rail and 1/8" slot in bottom frame and repeat "Step 4". If your rack has doors, please check to confirm hinges are positioned on this rail and hinge pins are pointing up and away from preassemble bottom frame. Please note direction of arrow pointing up and away from bottom frame. Please refer to "Step 13" photo on page 2.

### Step 9



Place fourth & last threaded rack rail pointed down and inside.\* Check side panel lines up and insert into 1/8" slot of rack rail and 1/8" slot in bottom frame. Insert and fully tighten SHORT & LONG BARREL dogpoint screws by following the detailed instructions in Step 4. If your rack has doors, please check to confirm slotted opening for key lock and magnetic catch are positioned on this rail. Please note direction of arrow pointing up and away from bottom frame. Please refer to "Step 14".

### Step 10



Position preassembled top frame, line up all eight stubs with the eight slot openings of the four rack rails\*. Position threaded rack rail over stubs and check hole in each stub is in line with pre-drilled holes in end of threaded rack rails. Insert and fully tighten SHORT & LONG BARREL dogpoint screws by following the detailed instructions in Step 4. Repeat for all remaining stubs.

### Step 11



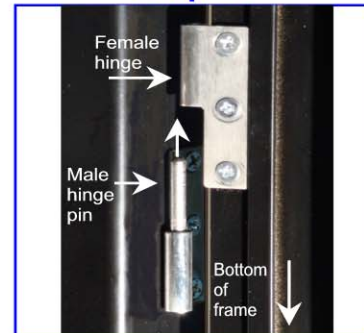
Carefully lift and tilt assembled rack to full upright position and preferably with the help of an assistant.

### Step 12



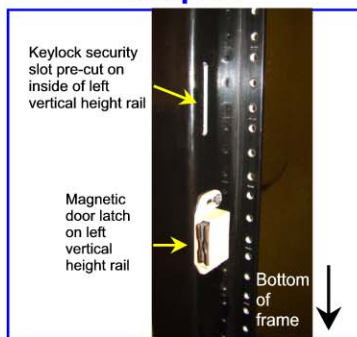
Place and line up front door frame female hinges over male hinge pins until in complete resting position. See "Step 13" for details. Repeat this step for rear door.

### Step 13



Line up male hinge pins attached to outer surface of right vertical rail with corresponding female hinge openings attached to back of right surface of door frame. Once all male hinge pins are aligned with all female openings gently lower until door frame is in complete resting position.

### Step 14



The keylock security slot is pre-cut on the left vertical height rail as shown above. NOTE: The security slot occurs "above" the magnetic door latch. Also, note the direction of arrow pointing down toward bottom frame. Rack door stays closed securely with magnetic door latch and locks securely with cam lock mechanism (see Step 15).

### Step 15



Place key in front door frame key lock, close door until flush with vertical rails and turn key to securely lock door. Repeat for rear door.

**Your Designer Series Rack Kit is now fully assembled and operational.**



**\* Make sure that distance from left & right tapped holes in vertical height extrusions is 18-3/8" from hole center-to-center.**