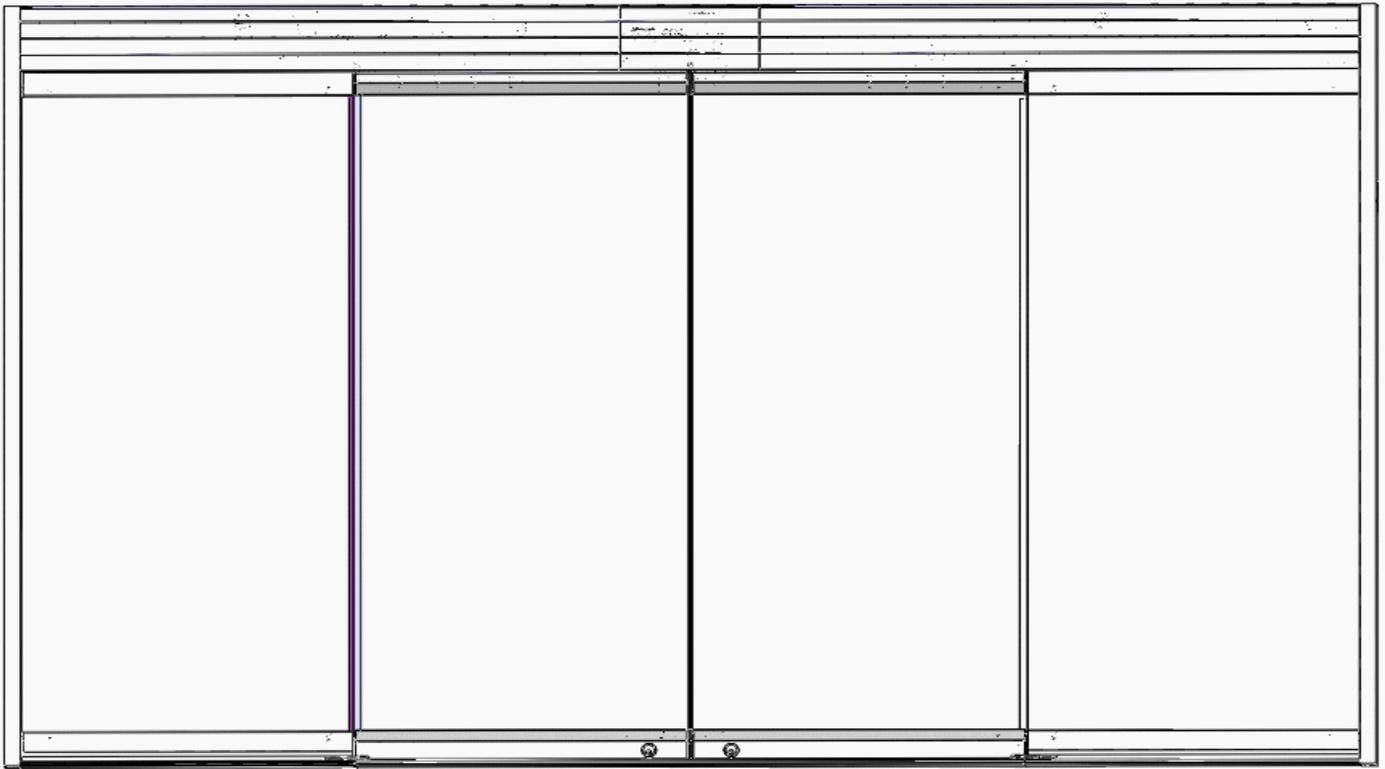




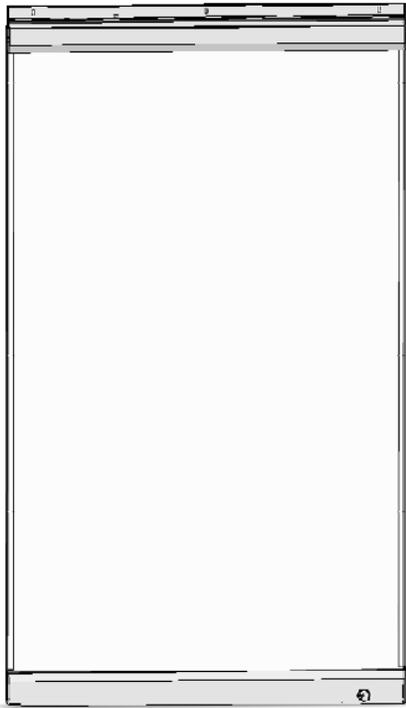
**5200 ALL-GLASS
SUPPLEMENT
CLAMPING RAILS
FIXED PANEL and
FULL BREAKOUT**



!!NOTE: AN IN/LB TORQUE WRENCH IS REQUIRED TO COMPLETE THIS PROCESS PROPERLY!!

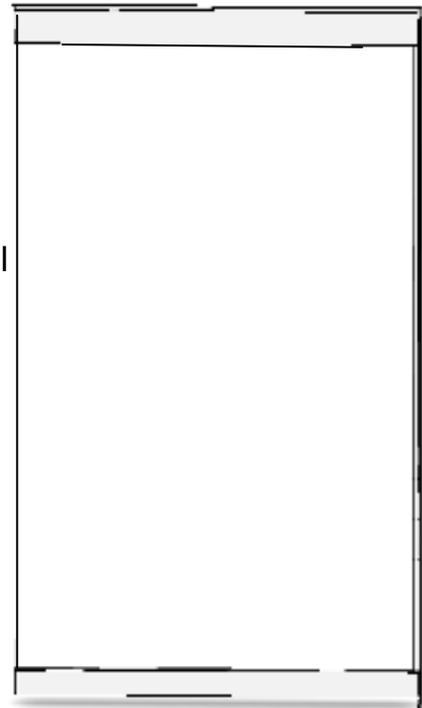
Record-USA

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844-366-7526 Support (844-DOORJAM) • 704-289-2024 FAX



Standard "SX" Panel

3" Standard
 SX Panel Top Rail
 4" Standard
 O Panel Top Rail
 4" Standard SX Panel
 Bottom Rail
 3" Standard
 O Panel Bottom Rail

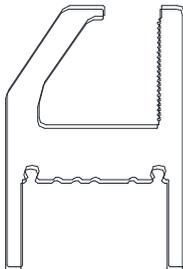


Standard "O" Panel

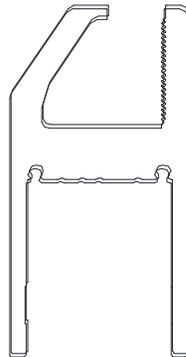
All-Glass Clamping Rail Extrusions



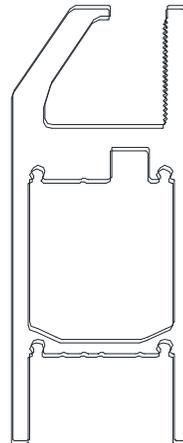
5-52-4007
 Strip, Glass
 Clamp



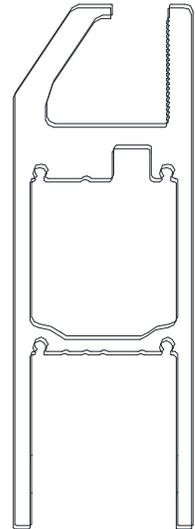
5-52-4001
 3" Rail



5-52-4002
 4" Rail



5-52-4003
 5" Rail
 (Optional)

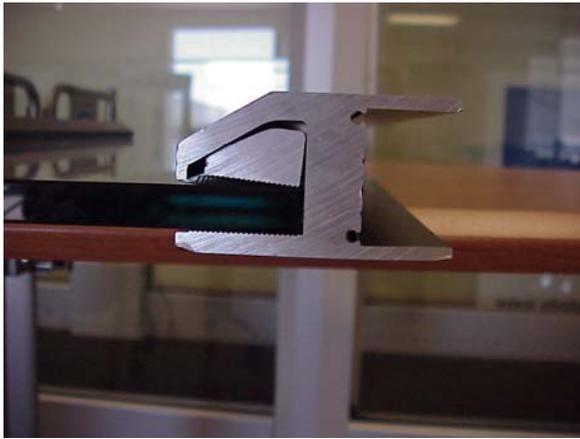


5-52-4004
 6" Rail
 (Optional)

!! NOTE: AN IN/LB TORQUE WRENCH IS REQUIRED TO COMPLETE THIS PROCESS PROPERLY. !!



Please see in the view to the left the 9-51-0019, Film, Static Cling Vinyl that will be applied to the glass to start the Clamping Rail Assembly. Start by cleaning the glass at the top and bottom of glass panel, both sides and a minimum 2" area from the edge. From the illustrations on the previous page choose the door or panel to build first and select the proper size rail. Measure the width of the glass panel and cut a strip of film to the same length. Remove the paper from the film. Proceed with applying the film to the edge of the glass panel evenly placed to allow equal amount of film to be folded to the upper and lower surface of the glass.

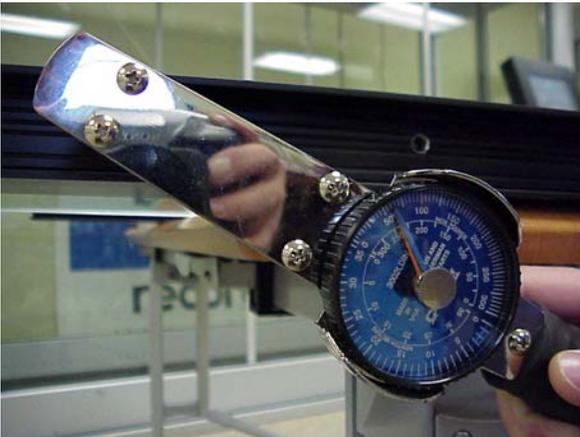


Now take the Clamping rail that was chosen, remove the End Caps and with the clamping strip inserted, hold it up in its pocket to be able to start the glass into the rail. Be sure that it is seated entirely into the rail and you should have 5/32" of glass protruding at each end.



Proceed by finding the 5/32" Allen Tee wrench provided in the Accessory kit with the Unit. See the Allen Set screws applied to the Bottom web of the rail to turn clockwise evenly across to tighten the clamp strip to the glass to secure it in the Rail.

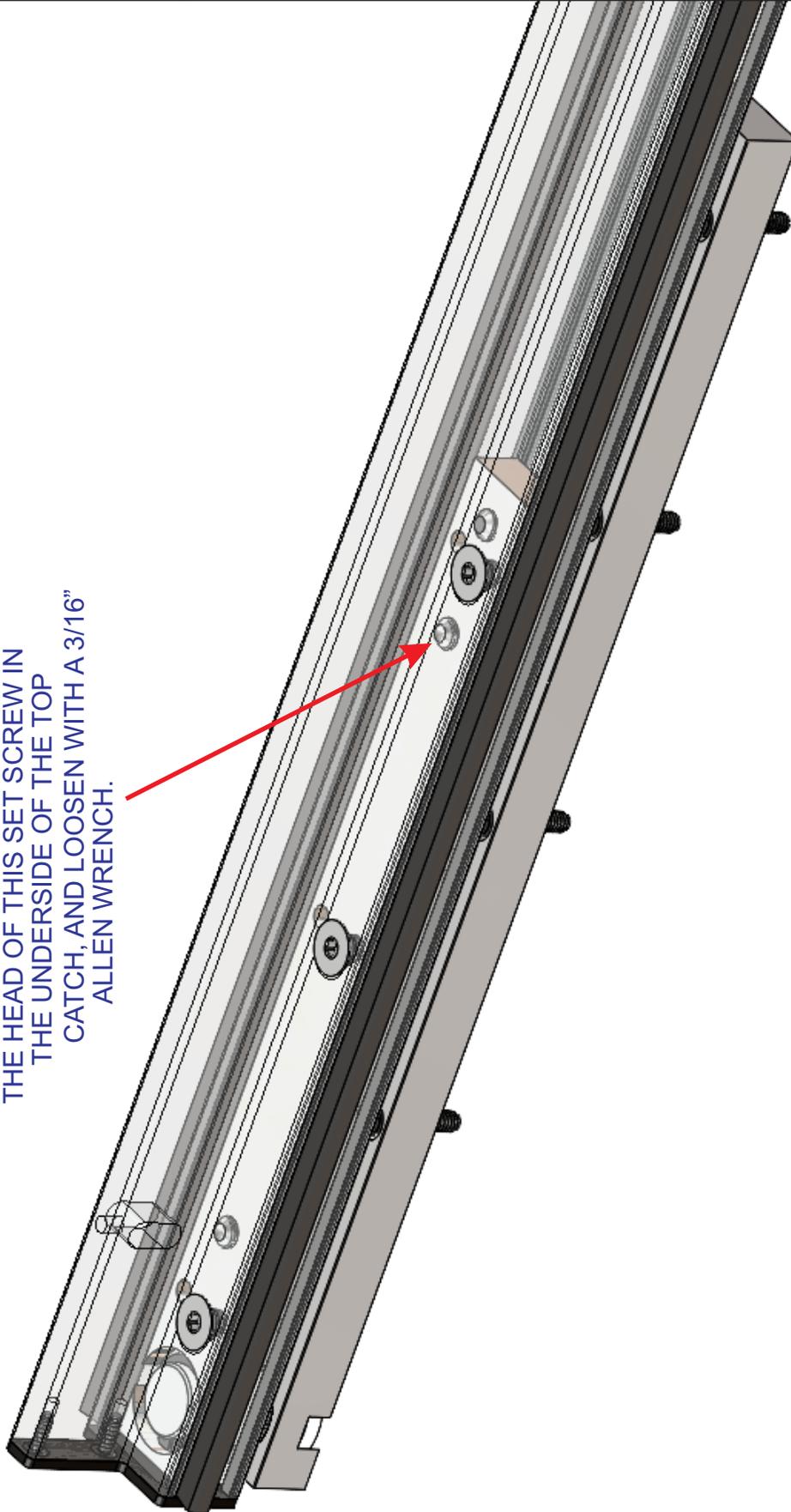
Be sure that the glass is totally seated in the rail pocket and equal 5/32" protruding at each end before proceeding with the torque process.



Continue the process by taking your in/lb. Torque Wrench and start with a set screw closest to the center of the rail and work outward to each end and take each screw to 20 in/lb., then 40 in/lb., and finally to 60 in/lb. to complete this rail. Reinstall the End Caps.

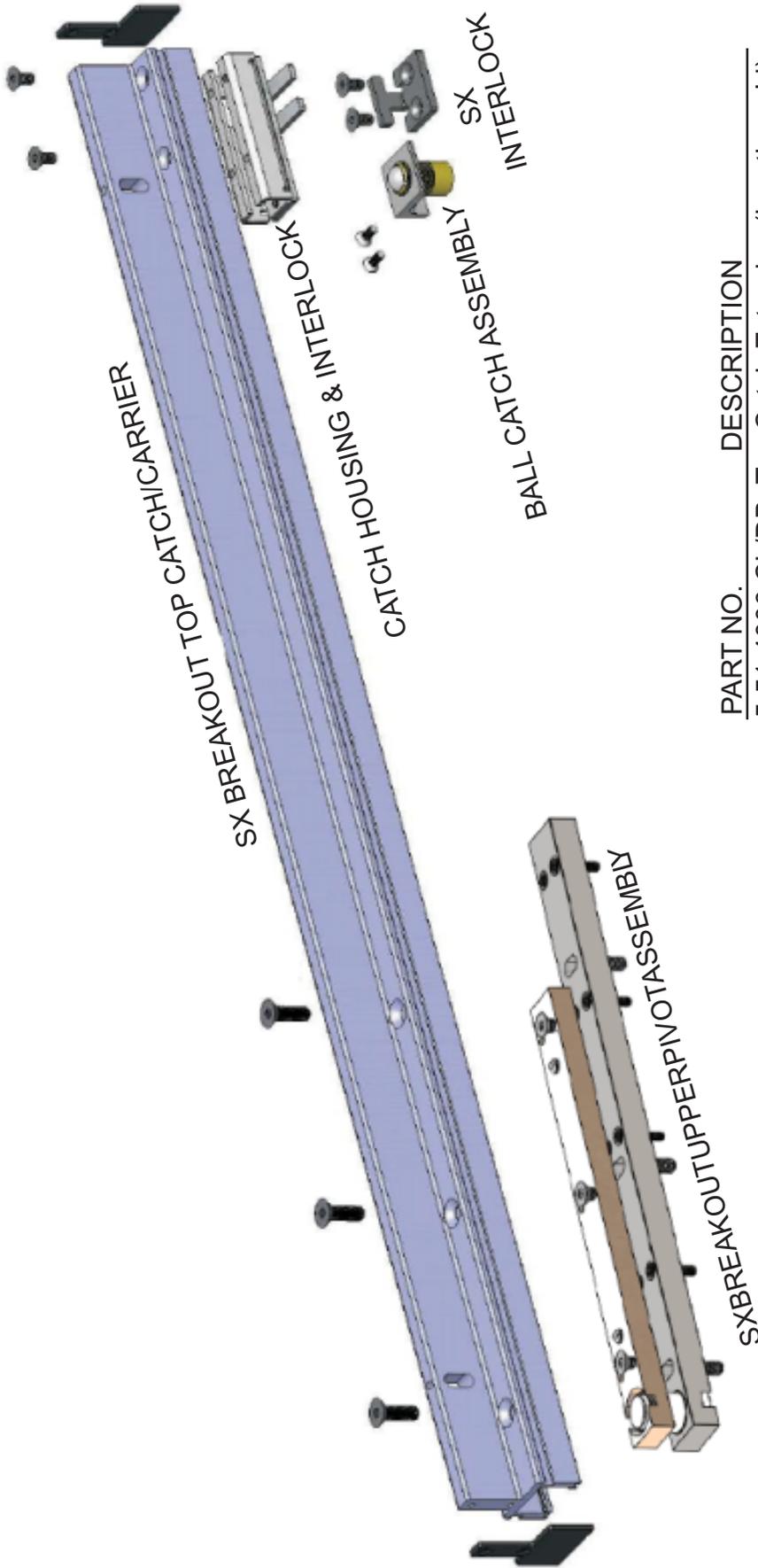
When building a door or panel with optional tall rails, a longer extended Allen socket wrench will be needed for the Torque Wrench.

1. BREAK OUT THE PANEL, LOCATE THE HEAD OF THIS SET SCREW IN THE UNDERSIDE OF THE TOP CATCH, AND LOOSEN WITH A 3/16" ALLEN WRENCH.

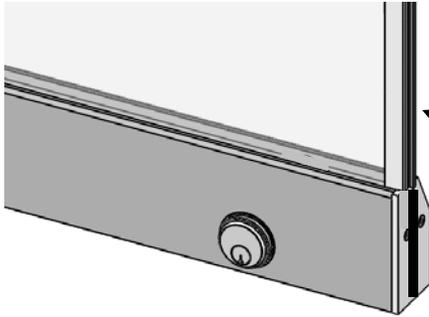


TOP CATCH AND BREAKOUT ASSEMBLY SERIES 5200 ALL-GLASS

OCT06



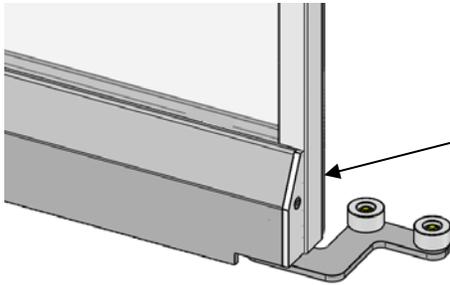
PART NO.	DESCRIPTION
5-51-4006 CL/DB	Top Catch Extrusion (length req'd)
4-51-1049	Endcap, Top Catch
4-51-1038/1039	Door Catch Housing & Interlock
4-70-0672	Ball Catch Assembly
4-52-1004	SX Lower Interlock
-----	SX Upper Pivot Assembly
	4-51-1051 Upper Pivot Arm
	4-51-1052 Lower Pivot Arm
	4-51-1053 Pivot Pin
	9-07-0027 Bushing
	9-99-4626 Snap Ring
81-0011-2815	Bolt, 5/16-24 X 1" FHSCS
81-0016-2771	Bolt, 3/8-24 X 1" SCS



WEATHERPILE, LEADING EDGE
9-99-7349



Used on leading edge of SX Panel.

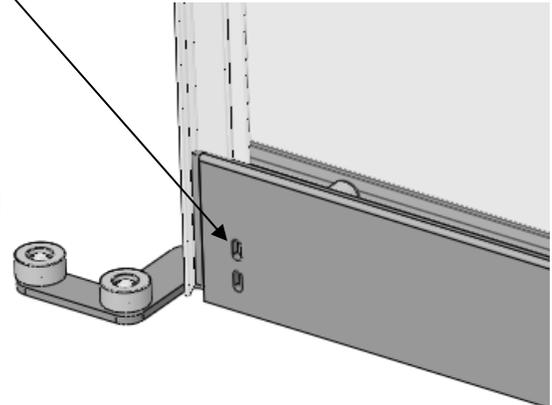
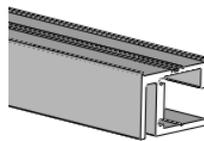
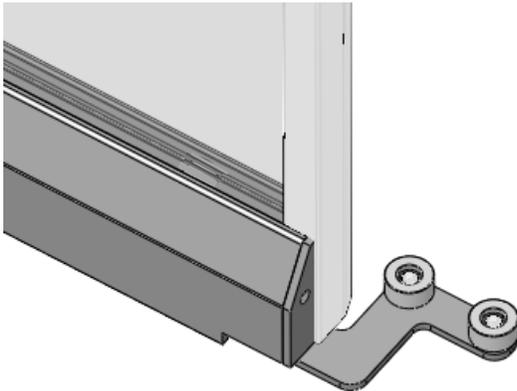


FINNED SEAL
6-52-9001

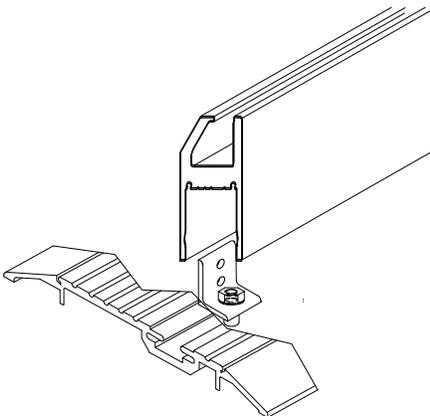


Used on Rear edge of SX Panel and Front edge of Sidelite.
NOTE: Cut finned seal the full length of SX Panel (as seen in the view to the left to overlap the End Caps) minus the Top Catch. Cut for the full length of the Sidelite to overlap the End Cap plus 1 1/4" to overlap the Sway Rail and minus 3/4" for bottom lip of Header.

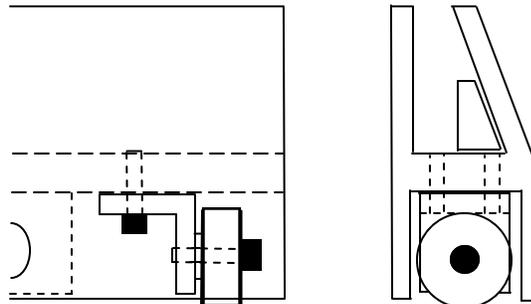
Typical All-Glass Bottom Guides.
4-52-0010—LH 4-52-0011—RH
Bottom Guide Height Adjustment



Full Breakout Bottom Guide System



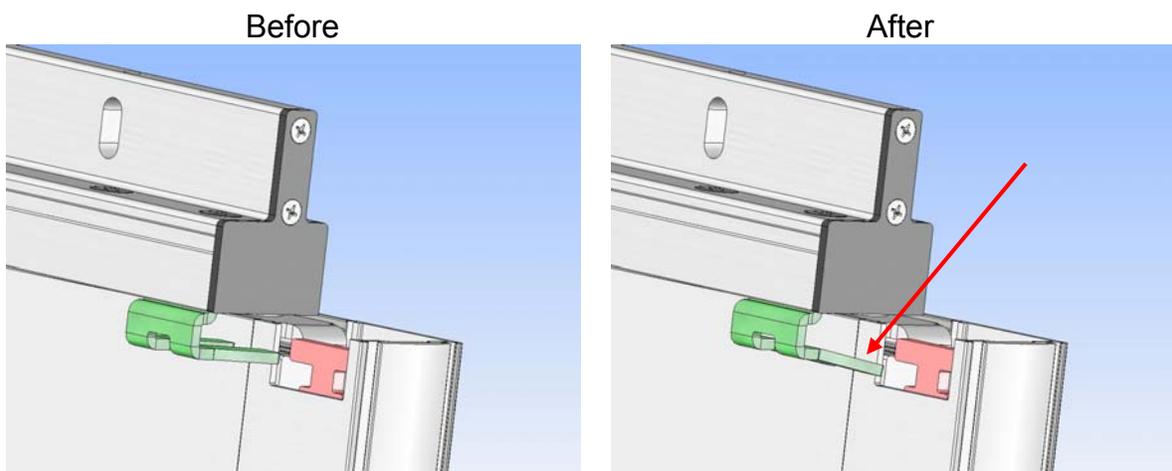
Standard All Glass Bottom Rail



Toe Roller Mounting

To minimize the drop of a large sliding door when breaking it out, please follow the checklist below:

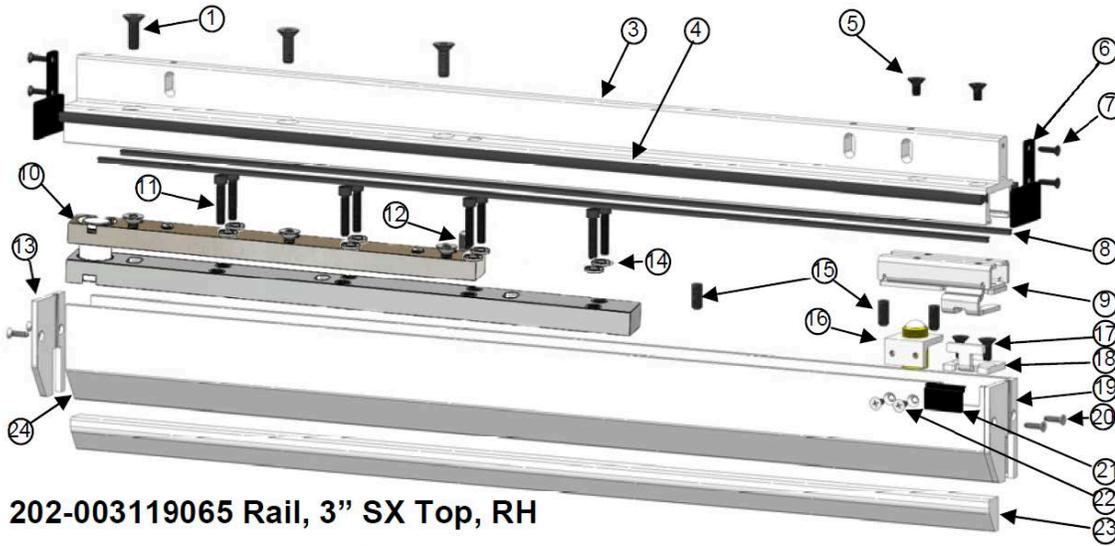
1. Verify the glass setting blocks in the SX panel are placed in the proper locations around the glass as per page 11 of the Series 5100 Installation Instructions.
2. Verify the top pivot / breakout mechanism is adjusted for maximum lift as described on page 11 of the Series 5100 Installation Instructions.
3. Verify a door wheel is installed in the bottom of the vertical lead stile of the door.
4. Lower the door as much as possible by adjusting the ¼-20 height adjustment screws on top of the door (see page 9 of the Installation Instructions). The door and door wheel should not be contacting the threshold/floor when the door is not broken out. A nominal clearance of 1/8" is desired.
5. With the door slightly broken out, inspect for any misalignment between the two fingers on the underside of the top carrier assembly and the mating stamping in the top of the vertical lead rail. If required, bend the outside end of the fingers downward slightly until the fingers properly align.



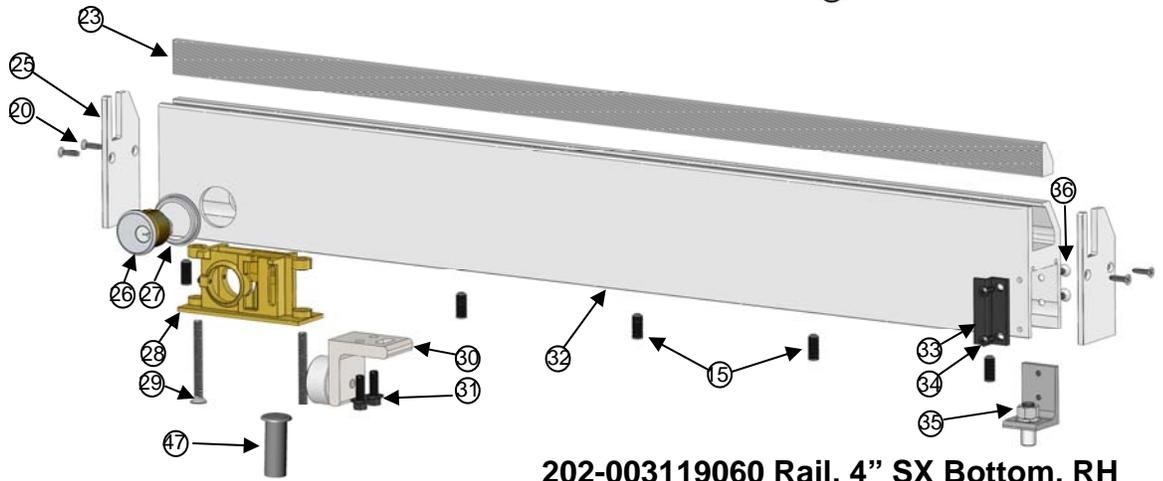
SERIES 5200 ALL GLASS FULL BREAKOUT

DOOR RAIL ASSEMBLIES

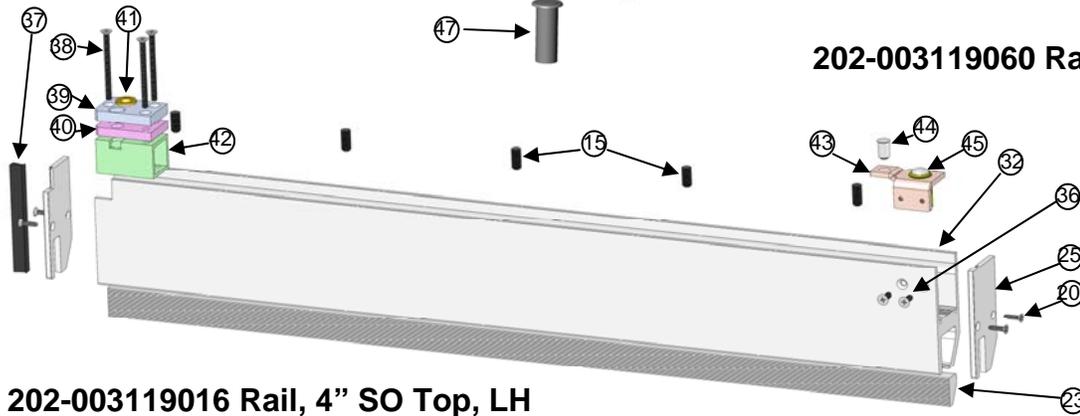
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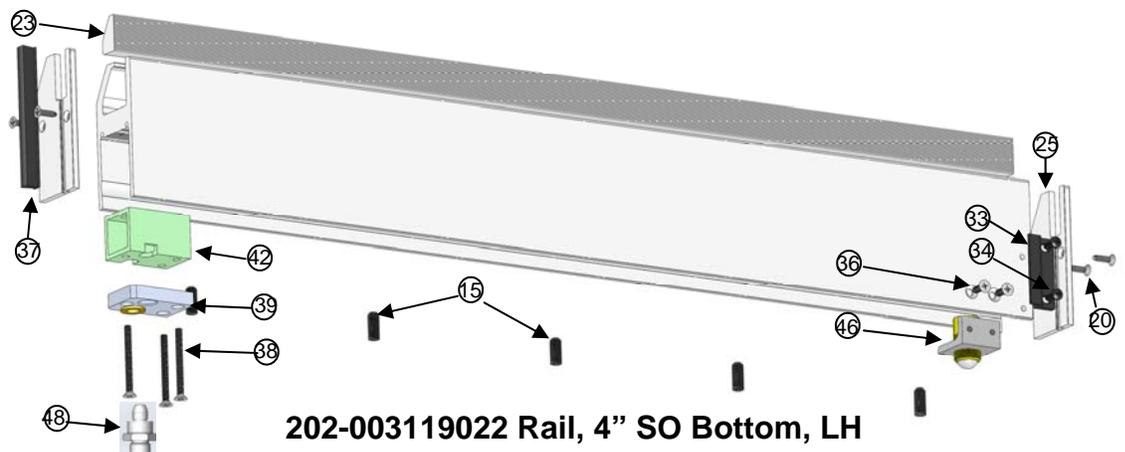
202-003119065 Rail, 3" SX Top, RH



202-003119060 Rail, 4" SX Bottom, RH



202-003119016 Rail, 4" SO Top, LH



202-003119022 Rail, 4" SO Bottom, LH

SERIES 5200 ALL GLASS FULL BREAKOUT DOOR RAIL ASSEMBLIES

ITEM	PART NUMBER	DESCRIPTION	U of M
1	81-0011-2720	SCREW, 5/16-18X1"SFHCS	ea
2	81-0016-2920	SCREW, 3/8-24X1"SHCS	ea
3	4-52-4007	DOOR CATCH, FBO,ALL GLASS, RH	ea
4	9-99-7316	WEATHERPILE, SHORT, BLACK	ft
5	81-0011-2658	SCREW, 1/4-20X3/8"FSHCS	ea
6	4-51-1049	END CAP, DOOR CATCH	ea
7	81-3511-0412	SCREW, 8-18X1/2"PFHSMS Type B BL	ea
8	9-99-7318-DB	WEATHERPILE, DOOR CATCH	ft
9	4-51-0014	DOOR CATCH ASSY, RH	ea
10	4-52-0001	PIVOT ARM ASSY, ALL GLASS	ea
11	81-0016-2674	SCREW, 1/4-20X1 1/4" SHCS	ea
12	81-6219-2876	SCREW, 3/8-24X3/4"FSSS	ea
13	4-52-4020-CL	END CAP, 3"RAIL, RH	ea
14	9-99-7161	WASHER, SPLIT LOCK, 1/4"	ea
15	81-6219-2816	SCREW, 5/16-24X3/4"FSSS	ea
16	4-52-0012	ROLLER CATCH ASSY.	ea
17	81-0011-2666	SCREW, 1/4-20X5/8FSHCS	ea
18	4-52-1004	BRACKET,INTERLOCK ASSY	ea
19	4-52-4021-CL	END CAP, 3"RAIL, RH	ea
20	81-3511-0412	SCREW, 8-18X1/2"PFHSMS Type B Zinc	ea
21	4-51-9004	COVER, DOOR CATCH	ea
22	81-0012-0562	SCREW, 10-32X3/8" PHMS	ea
23	5-52-4007	STRIP, GLASS CLAMP	ft
24	5-52-4001	3"RAIL CL-DB	ft
25	4-52-4021-CL	END CAP, 3"RAIL, RH	ea
26	4-52-0014-CL	KEY CYLINDER, STANDARD CAM	ea
27	9-25-0025-CL	RING, CYLINDER, 3/16"	ea
28	9-99-0097	LOCK, BOTTOM RAIL	ea
29	81-4211-0684	SCREW, 1/4-20X2 1/2"PFHSMS,Type F	ea
30	4-52-0013	TOE ROLLER ASSY	ea
31	81-0017-3666	SCREW 1/4-20X3/4"HWHMS Gr8	ea
32	5-52-4002-CL	4" RAIL CL-DB	ft
33	4-11-4095-DB	INTERLOCK	ea
34	81-3114-0412-DB	SCREW,8-18X1/2"PPHSMS Type AB	ea
35	202-003812265	PIN GUIDE	ea
36	81-0011-0554	SCREW,10-32X1/2"FHCS	ea
37	9-99-7316	WEATHERPILE, SHORT, BLACK	ft
38	81-4211-0684	SCREW,1/4-20X2 1/2"PFHMS TYPE F	ea
39	202-003119019	BLOCK, PIVOT BLOCK, .375, SO PANEL	ea
40	202-003119018	BLOCK, SPACER,PIVOT BLOCK,.313,SO PANEL	ea
41	9-99-0233	BUSHING, FLANGED, BRONZE	ea
42	202-003119017	SPACER, PIVOT BLOCK, 1.25, SO PANEL	ea
43	202-003119020	BRACKET, BALL CATCH, PANIC MAGNET	ea
44	9-73-0080	MAGNET, PANIC BREAKOUT SWITCH	ea
45	4-70-0582	BALL CATCH ASSY., 3/4-27 THREAD	ea
46	4-52-0012	ROLLER CATCH ASSY.	ea
47	202-003119267	DUST PROOF KEEPER	ea
48	4-19-1007	PIN,SIDELITE PIVOT,TRACKLESS 5900	ea



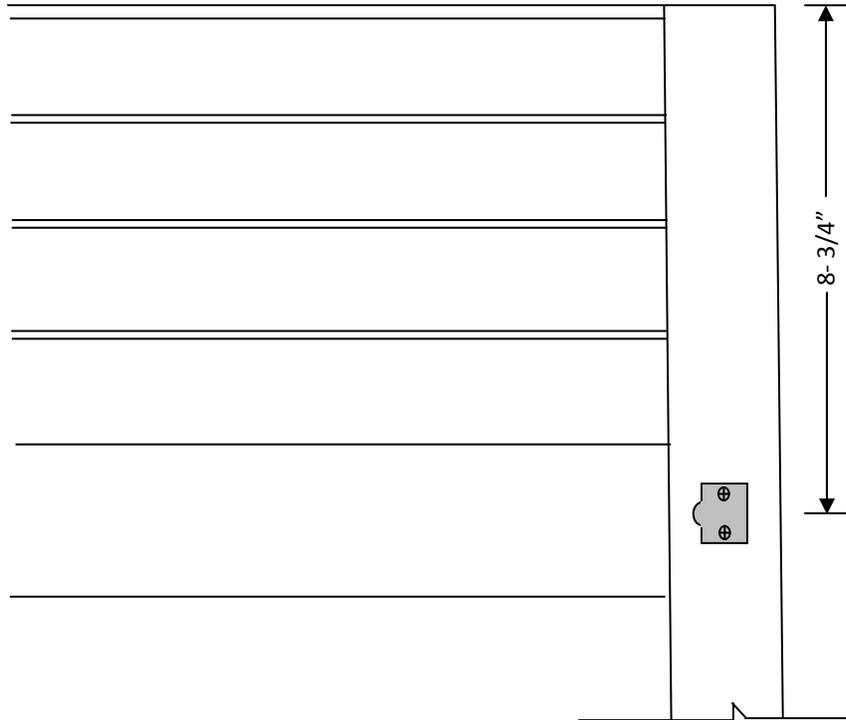
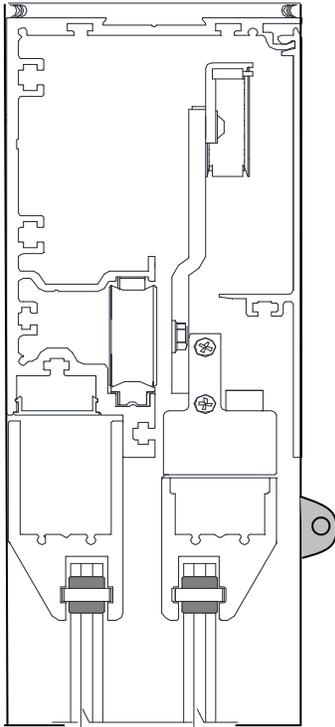
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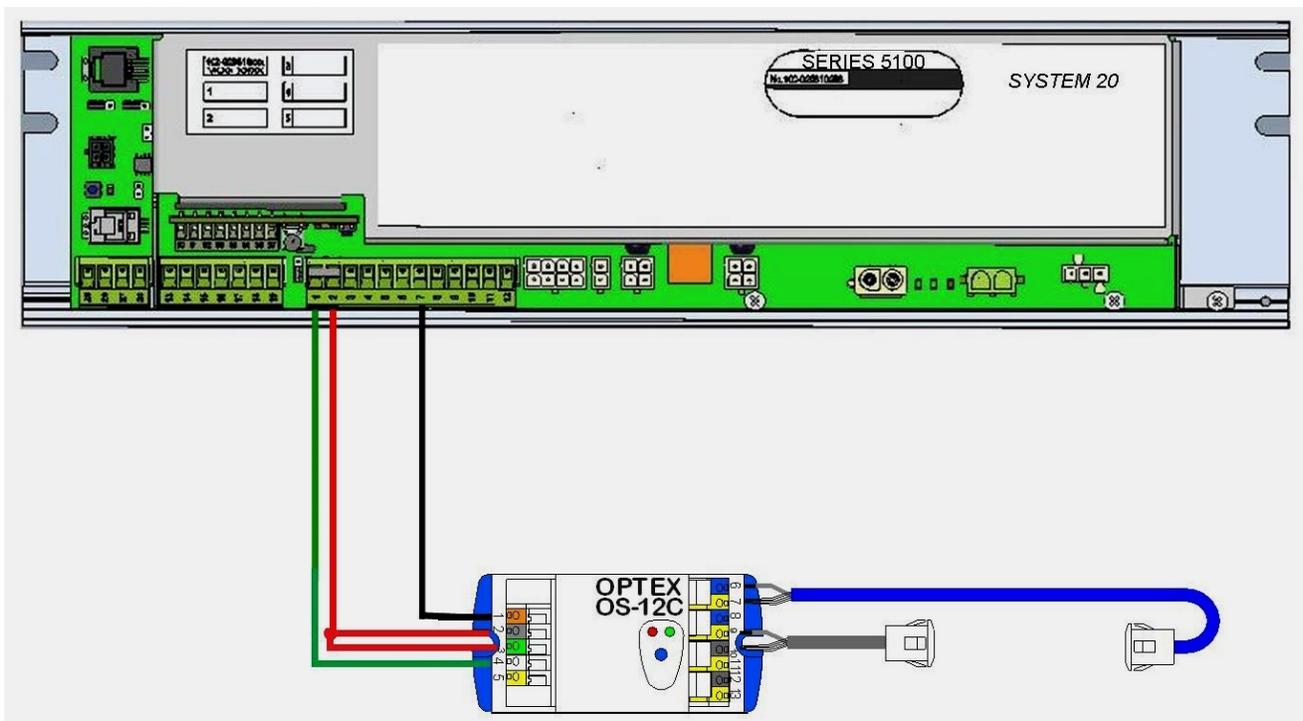
SX CUTOFF ASSEMBLY FOR 5200 SYSTEM 20 SLIDING DOOR

Sep16BG

NOTE: FIXED PANEL UNITS ONLY



LOCATE BEAM HEAD ON EACH JAMB



ELECTRICAL CONNECTION TO DOOR CONTROL