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ASSEMBLY / PARTS LIST (B.O.M.)

Series: 450-T
Type: Casement (Butt Hinge)

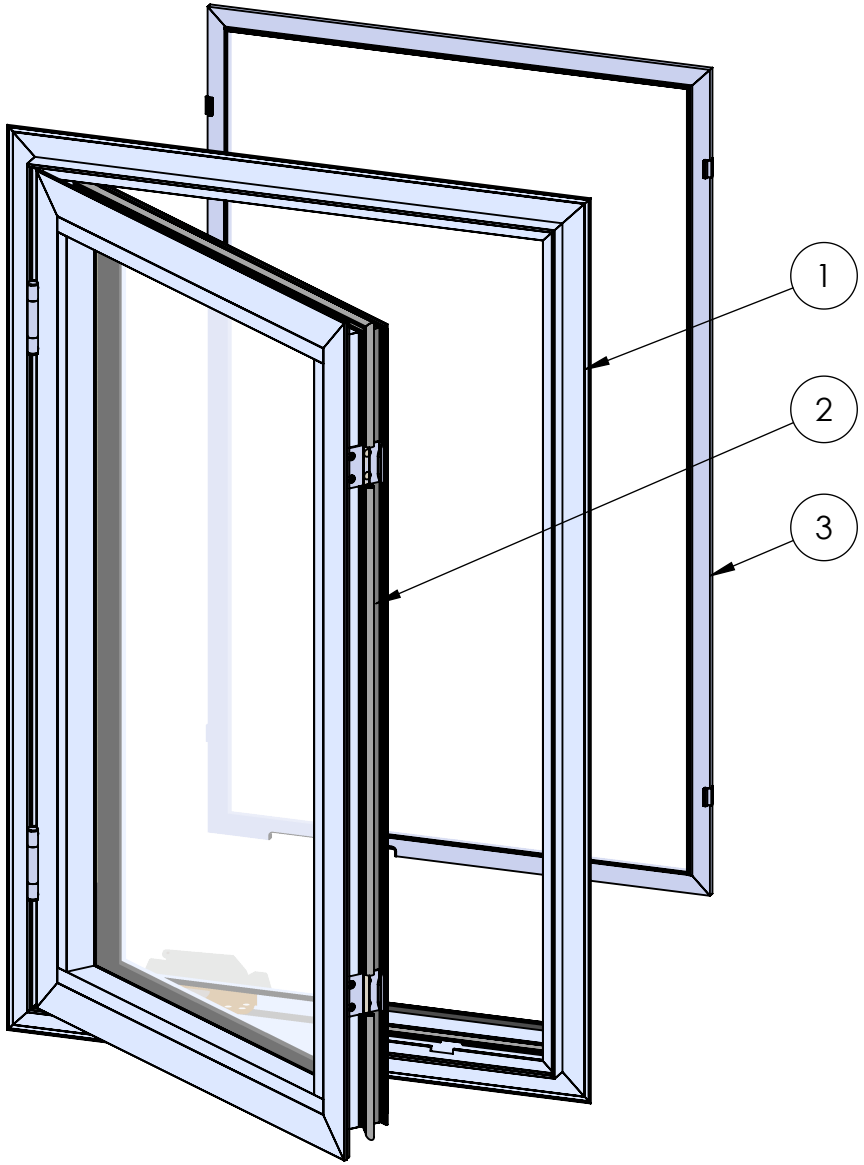


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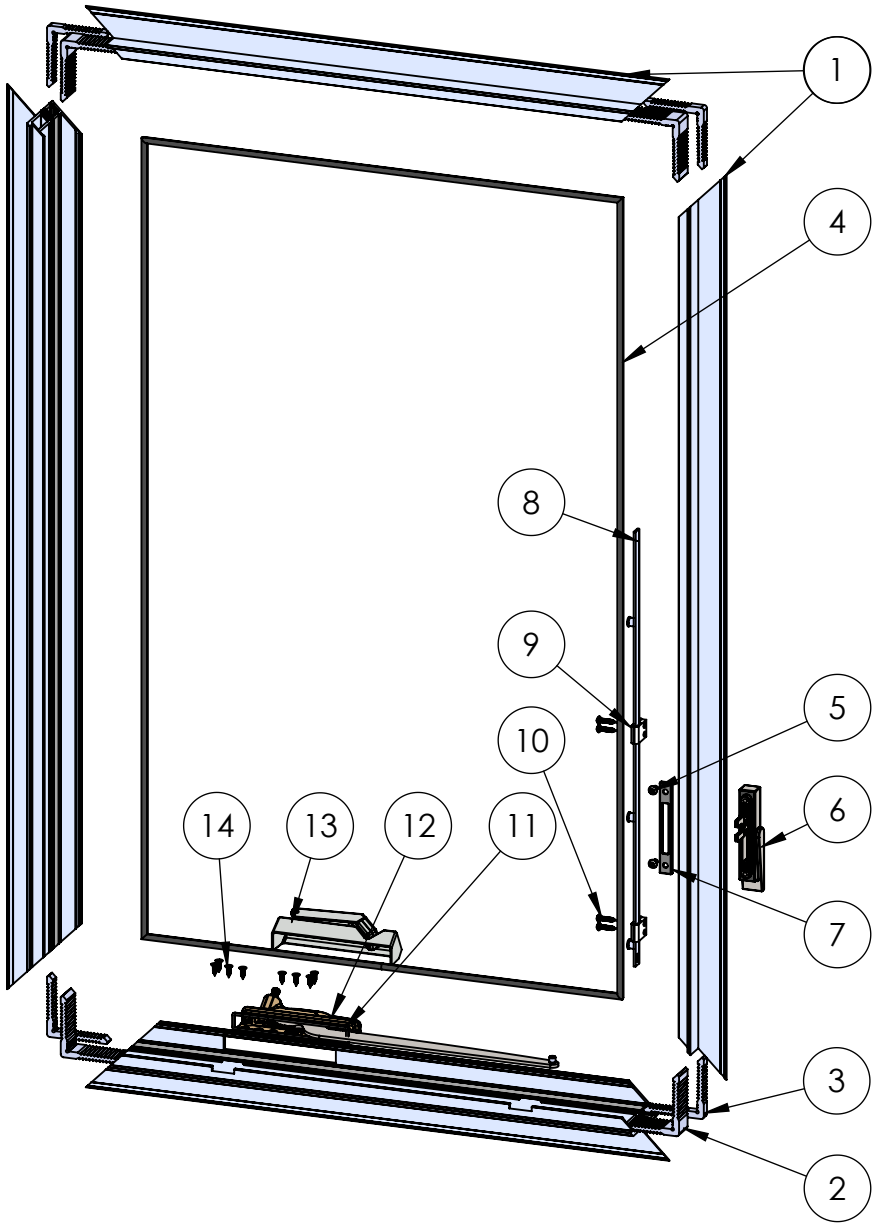
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Series 450-T Casement Butt Hinges Assembly

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Extrusions			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	4501	Frame	4
2	05P04-1	Corner Key	4

Hardware			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
3	26228	Corner Key, 0.375"	4
4	26233	Flexible Bulb Vinyl	1
5	26142	#10-24 Torx Screw, 0.375", SS, T25	2
6	26065, 26066	Multipoint Latch (SS, BLK)	1
7	26067	Multipoint Latch Cover Plate	1
8	See Table A	Multipoint Tie Bar	-
9	See Table A	Tie Bar Guide	-
10	20314	#8 PHP-A Screw, .75 in.	4
11	27510	Neoprene Rubber Gasket	1
12	See Table C	Casement Roto Operator	1
13	See Table B	Encore Roto Handle and Cover	1
14	20240	#8 FHP-A-UC Screw, 0.5",Clear	8

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Description
Frame Assembly / B.O.M.

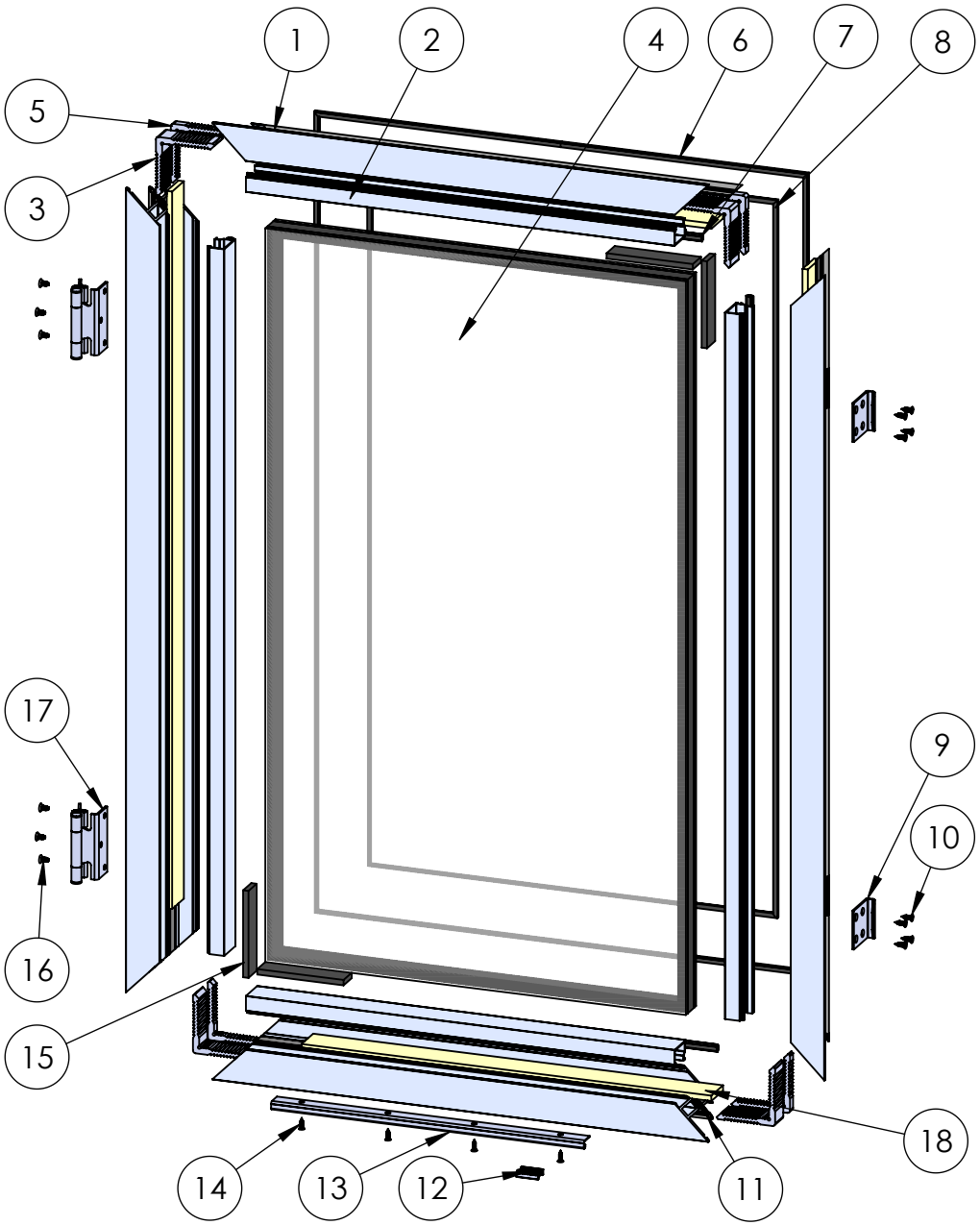
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EXTRUSIONS			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	4502	Vent	4
2	4503, 4504, 4505	Glass Stop (1", 1.25", 1.75")	4
3	05P04-1	Corner Key, 1"	4

HARDWARE			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
4	-	Glass	1
5	26228	Corner Key, 0.375"	4
6	26233	Flexible Bulb Vinyl	1
7	25031	Bulb Vinyl Large	4
8	25199	Mini Bulb Vinyl	1
9	See Table A	Multipoint Keeper	-
10	See Table A	#8 FHP-A-UC Screw, 0.5",Clear	-
11	26226	Foam Seal, 32324	4
12	27499	Slider Roto Encore	1
13	27500	Track Roto Encore	1
14	20885, 20887	#6 FHP-A-UC Screw, 0.5 in. (Black, SS)	4
15	18620	Setting Block 4" x 1/4"x1"	4
16	See Table D	#10 FHP-B-UC Screw, 0.375 in. (SS, BLK)	12
17	See Table D	Butt Hinge	-
18	27601	Polyurethane Foam, 0.25x1.44	4

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Vent Assembly / B.O.M.

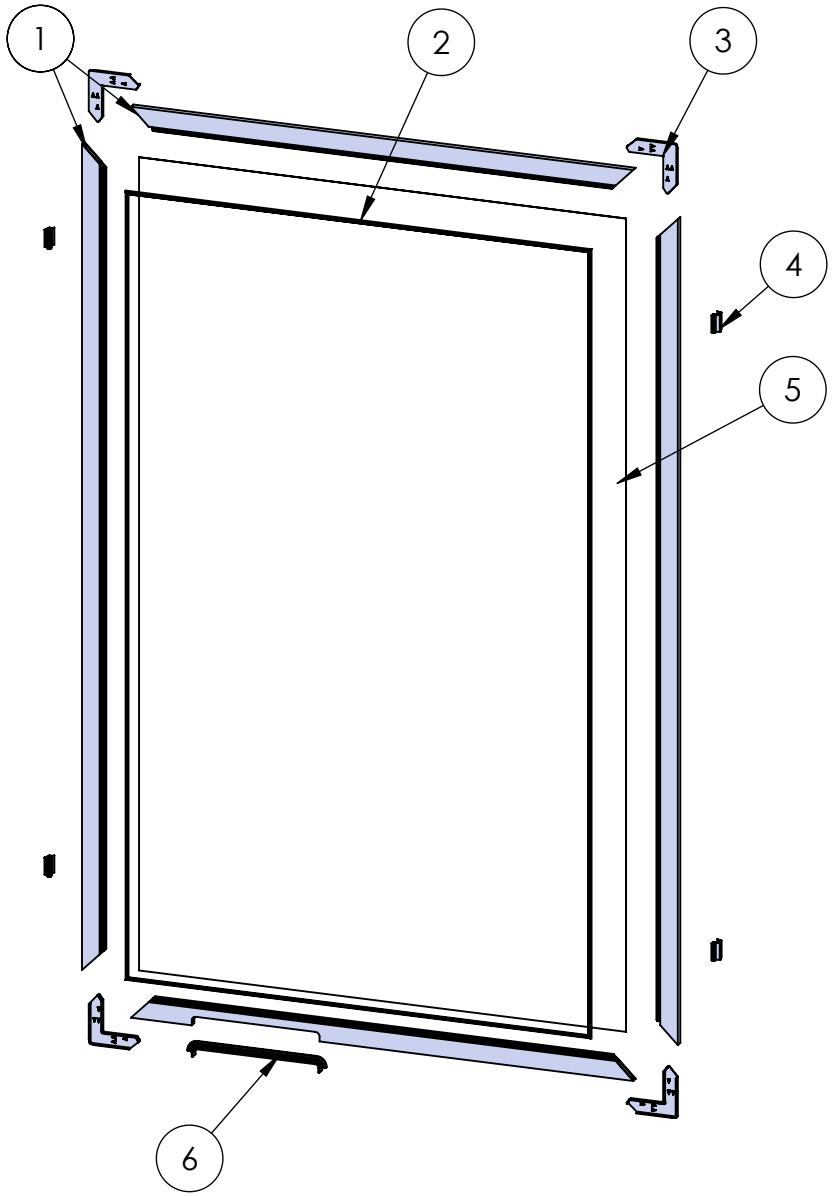
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
EXTRUSIONS			
1	114FF	.3125 Screen Frame	4
HARDWARE			
2	19127	SCREEN RUBBER SPLINE .150	1
3	27129	Screen Corner Key	2
4	25173, 25753	Screen Clip, SS, Clear, Black	4
5	-	Screen Mesh	1
6	27464	Flat Screen Edge Cover	1

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Screen Assembly / B.O.M.

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Table A: Multipoint Tie Bar					
Frame Height (in.)	Tie Bar ID #	24731 Tie Bar Guide	20314 Guide Screw	26069 MP Keeper	20240 Keeper Screw
>22	19005	3	6	2	8
≥26	19006	3	6	2	8
≥30	19007	4	8	2	8
≥34	18960	4	8	2	8
≥38	18959	4	8	2	8
≥42	18961	4	8	3	12
≥46	18969	6	12	3	12
≥50	18946	6	12	3	12
≥54	18956	6	12	3	12
≥58	18955	6	12	3	12
≥62	18954	6	12	3	12
≥66	23296	6	12	3	12
≥70	24671	8	16	4	16
≥74	24670	8	16	4	16
≥78	23385	8	16	4	16
≥86, ≤101	23385, 18959	10	20	5	20

Table B: Cam Handle		
Hinge Location (From Exterior)	Color	ID #
LH	BCN	27507
	Black	27505
RH	BCN	27506
	Black	27504

Table C: Roto Operator			
Hinge Location (From Exterior)	Arm Type	Arm Length (in.)	ID #
LH	Painted Steel	9	27495
		12	27491
	S.S.	9	27497
		12	27493
RH	Painted Steel	9	27496
		12	27492
	S.S.	9	27498
		12	27494

Table D: Butt Hinge					
Butt Hinge Type	Color	PART #	QTY	Fastener	QTY (per hinge)
Standard	S.S.	26057	2-4	20267	6
	Black	26058	2-4	20268	6
HP	S.S.	27102	2-4	20272	8
	Black	27103	2-4	20273	8

Description
Tables

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