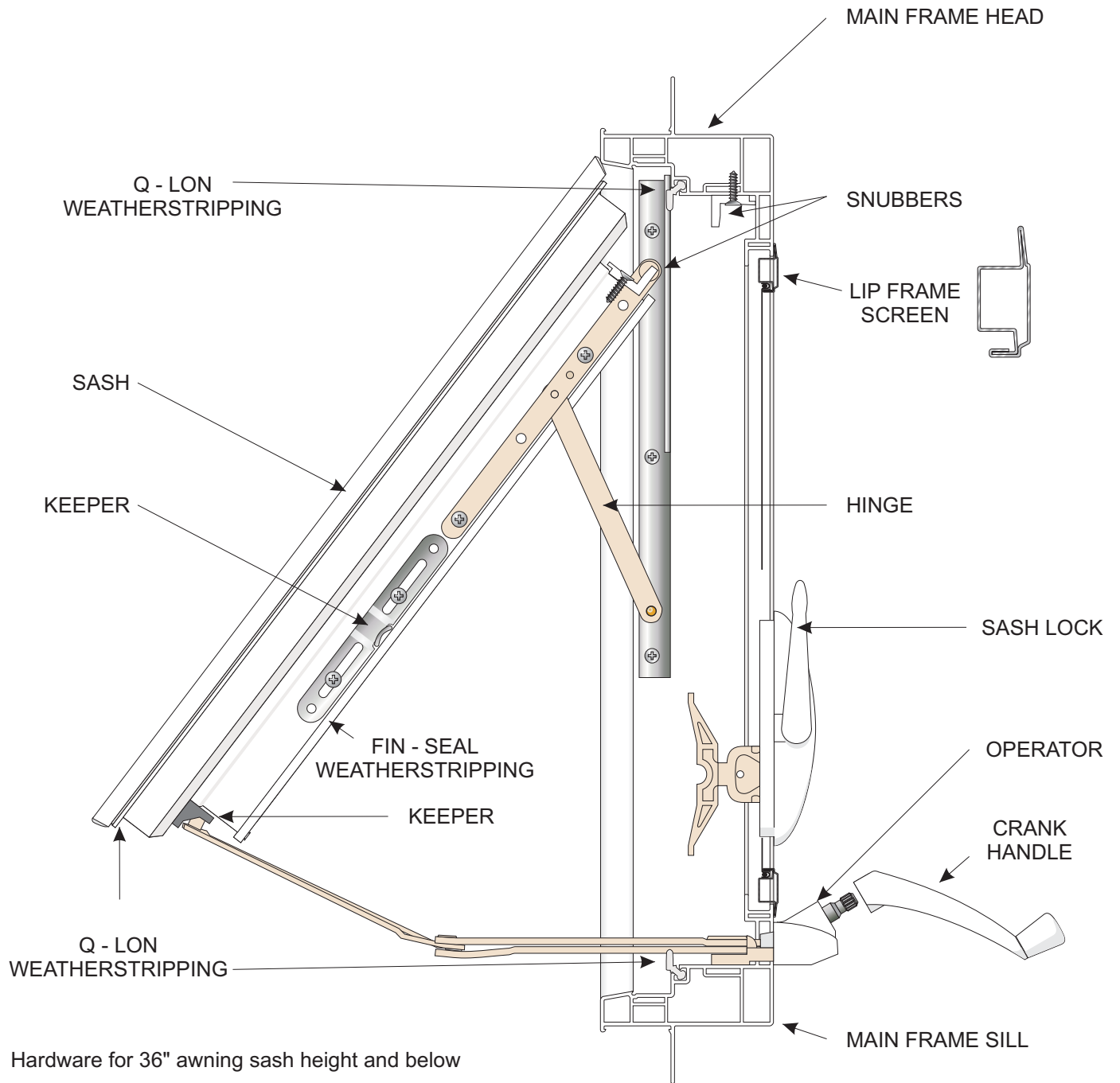


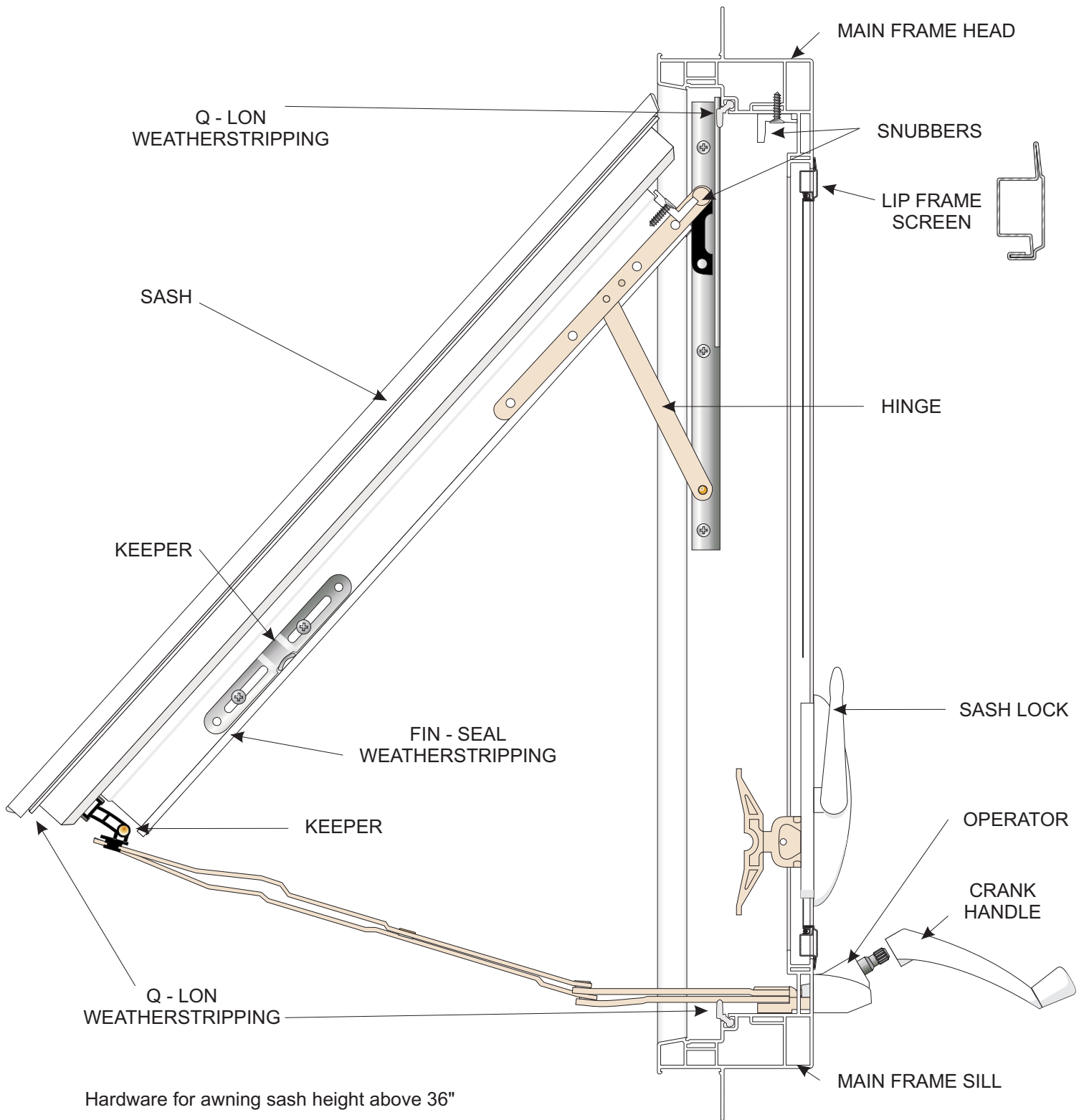
680 Awning Component Identification



Hardware for 36" awning sash height and below

For windows less than 2⁰ wide

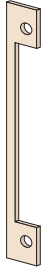
680 Awning Component Identification



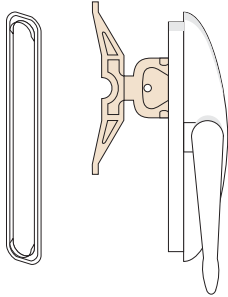
Hardware for awning sash height above 36"

For windows 2⁰ and wider

680 Awning Parts List



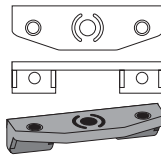
**LOCK
SUPPORT PLATE**
21600.92
US309000



**SINGLE-POINT
LH/RH AWNING LOCK**
24.32.32.002 - WHITE - BH215001
24.32.24.002 - ALMOND - US308423
24.32.41.002 - CLAY - BH215051



SINGLE-POINT KEEPER
21325
BH120400



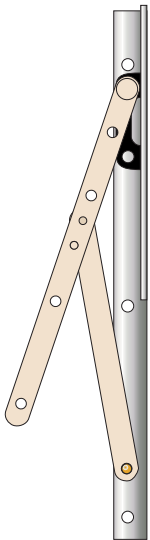
**21088
AWNING KEEPER**
US309500



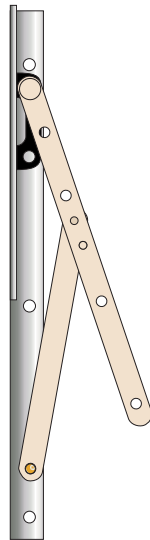
CONTOUR KNOB
WHITE - US309401
ALMOND - US309423
CLAY - US309451



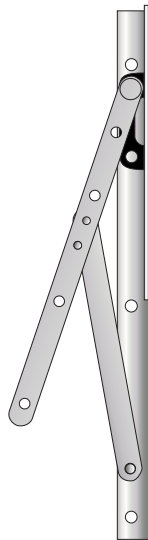
FOLDING HANDLES
WHITE - US302401
ALMOND - US302423
CLAY - US302451



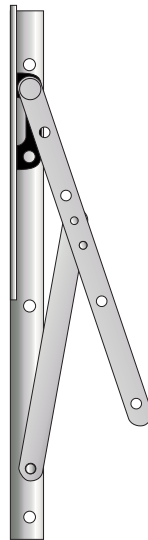
L/H HINGE
14.02.00.001
BH242700



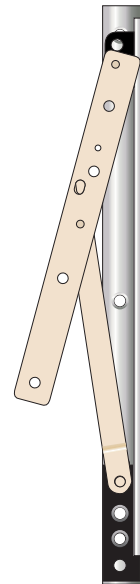
R/H HINGE
14.02.00.002
BH243900



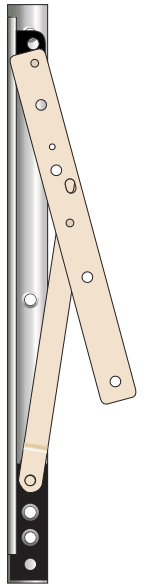
**L/H S.S.
HINGE**
13.43.00.501
BH214800



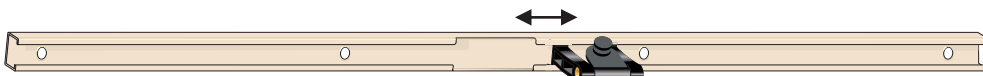
**R/H S.S.
HINGE**
13.43.00.502
BH214900



LH HD HINGE
(Triple glaze sash)
14.96.00.001 LL
BH308700



RH HD HINGE
(Triple glaze sash)
14.96.00.002 UL
BH308800



AWNING OPERATOR TRACK
11577.92 - US308600

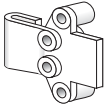
SLIDE SHOE



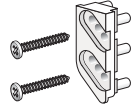
AWNING S.S. OPERATOR TRACK
11577.00.0500 - BH214700

SLIDE SHOE

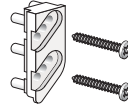
680 Casement Parts List



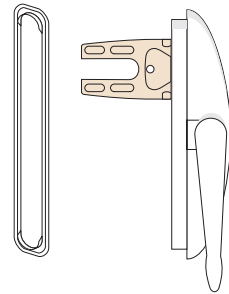
TIE BAR GUIDE
40837
BH168300



**LH \square MULTI-POINT
ADJUSTABLE KEEPER**
40710
BH168200



**RH \square MULTI-POINT
ADJUSTABLE KEEPER**
40709
BH168100



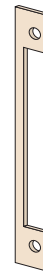
**RH/LH MULTI-POINT
CASEMENT LOCK OPERATOR**
24.31.32.002 - WHITE - BH214201
24.31.24.002 - ALMOND - BH214254
24.31.41.002 - CLAY - BH214251
GASKET 31882 - US309600



TIE BAR
2/0 (10.9") BH168700
2/6 (14.9") US309315
3/0 (22.9") BH168900
3/6 (26.9") BH169000
4/0 (34.9") BH169100
4/6 (38.9") US309339
5/0 (46.9") US309347
5/6 (50.9") US309351
6/0 (58.9") US309359



SS TIE BAR
2/0 (10.9") BH178900
2/6 (14.9") BH179000
3/0 (22.9") BH179100
3/6 (26.9") BH179200
4/0 (34.9")
4/6 (38.9") BH179300
5/0 (46.9") BH179400
5/6 (50.9") BH179500
6/0 (58.9") BH179600



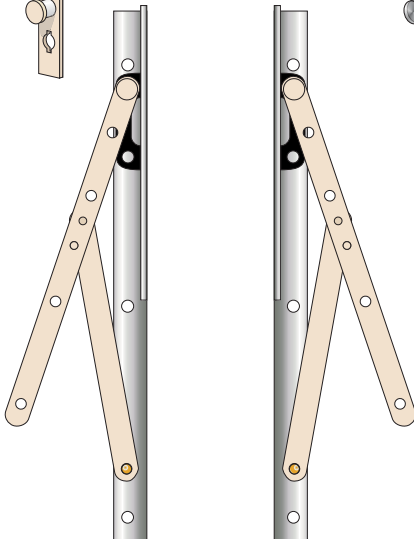
**LOCK
SUPPORT PLATE**
21600.92
US309000



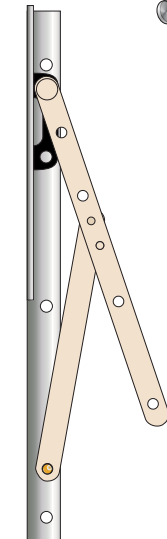
CONTOUR KNOB
WHITE - US309401
ALMOND - US309423
CLAY - US309451



FOLDING HANDLES
WHITE - US302401
ALMOND - US302423
CLAY - US302451



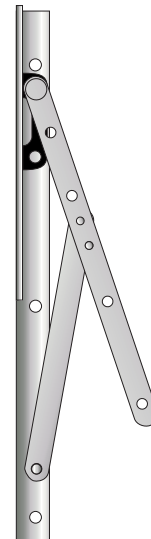
L/H HINGE
14.02.00.001
BH242700



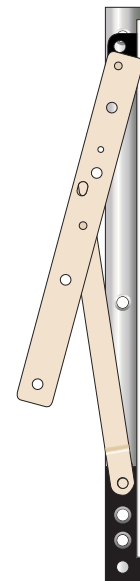
R/H HINGE
14.02.00.002
BH243900



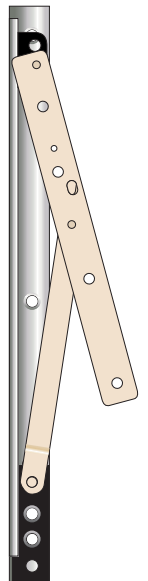
**L/H S.S.
HINGE**
13.43.00.501
BH214800



**R/H S.S.
HINGE**
13.43.00.502
BH214900



LH HD HINGE
(Triple glaze sash)
14.96.00.001 LL
BH308700



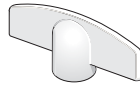
RH HD HINGE
(Triple glaze sash)
14.96.00.002 UL
BH308800

680 Casement / Awning

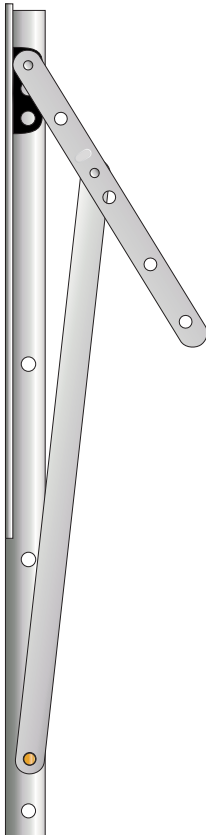
Optional hardware



FOLDING HANDLES
WHITE - US302401
ALMOND - US302423
CLAY - US302451

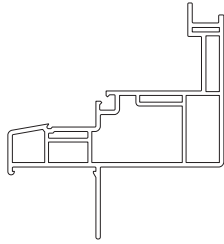


T HANDLE
WHITE -
ALMOND -
CLAY -

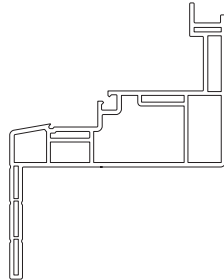


EGRESS HINGE
LIMITED AVAILABILITY
INCREASES SASH WIDTH EGRESS APROX 2"
LEFT HINGE
RIGHT HINGE

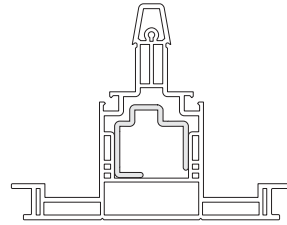
680 Extrusions



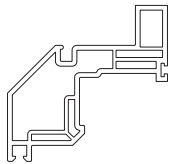
8546
STANDARD 1 3/8
WHITE - BV854601
ALMOND - BV854654
CLAY - BV851651
BRONZE - BV854692



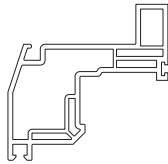
8550
STUCCO
WHITE - BV855001
ALMOND - BV855054
CLAY - BV855051
BRONZE - BV855092



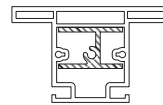
7199
'T' BAR
WHITE - BV719901
ALMOND - BV719954
CLAY - BV719951
BRONZE - BV719992
REINFORCEMENT
BM193600



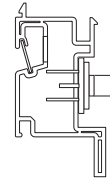
6375
CASEMENT/AWNING SASH
WHITE - BV637501
ALMOND - BV637554
CLAY - BV637551
BRONZE - BV637592



6941
TRIPLE GLAZE
CASEMENT/AWNING SASH
WHITE - BV694101
ALMOND - BV694154
CLAY - BV694151
BRONZE - BV694192

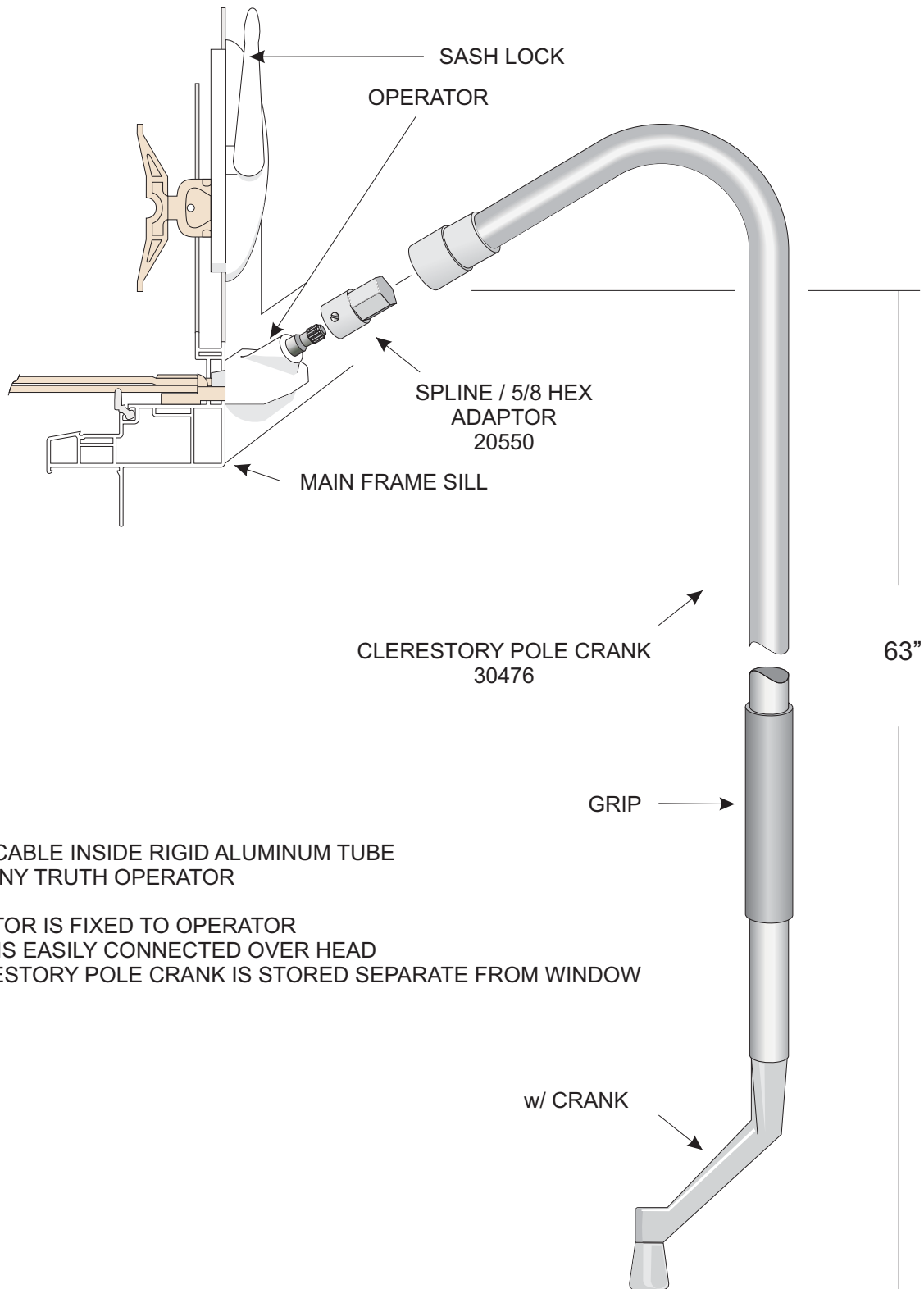


6456
FLAT 'T' BAR
WHITE - BV645601
ALMOND - BV645654
CLAY - BV645651
BRONZE - BV645692
REINFORCEMENT
BM194200



6980 VENTILATOR
WHITE - BV698001
ALMOND - BV698054
CLAY - BV698051
BRONZE - BV698092

680 Casement / Awning Clerestory hardware application

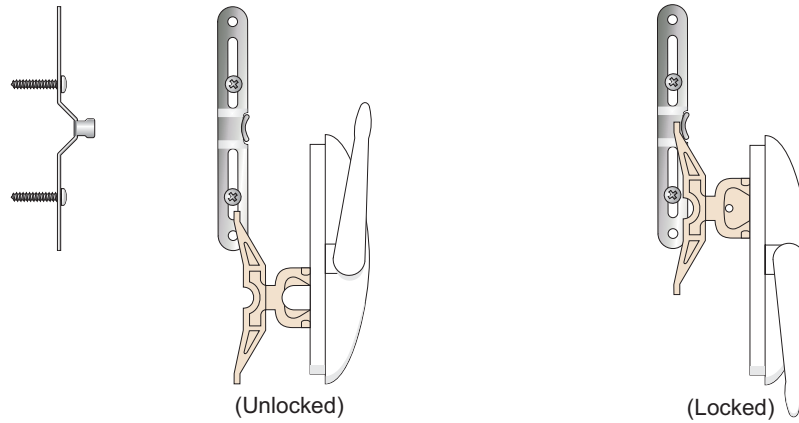


FLEX CABLE INSIDE RIGID ALUMINUM TUBE
FITS ANY TRUTH OPERATOR

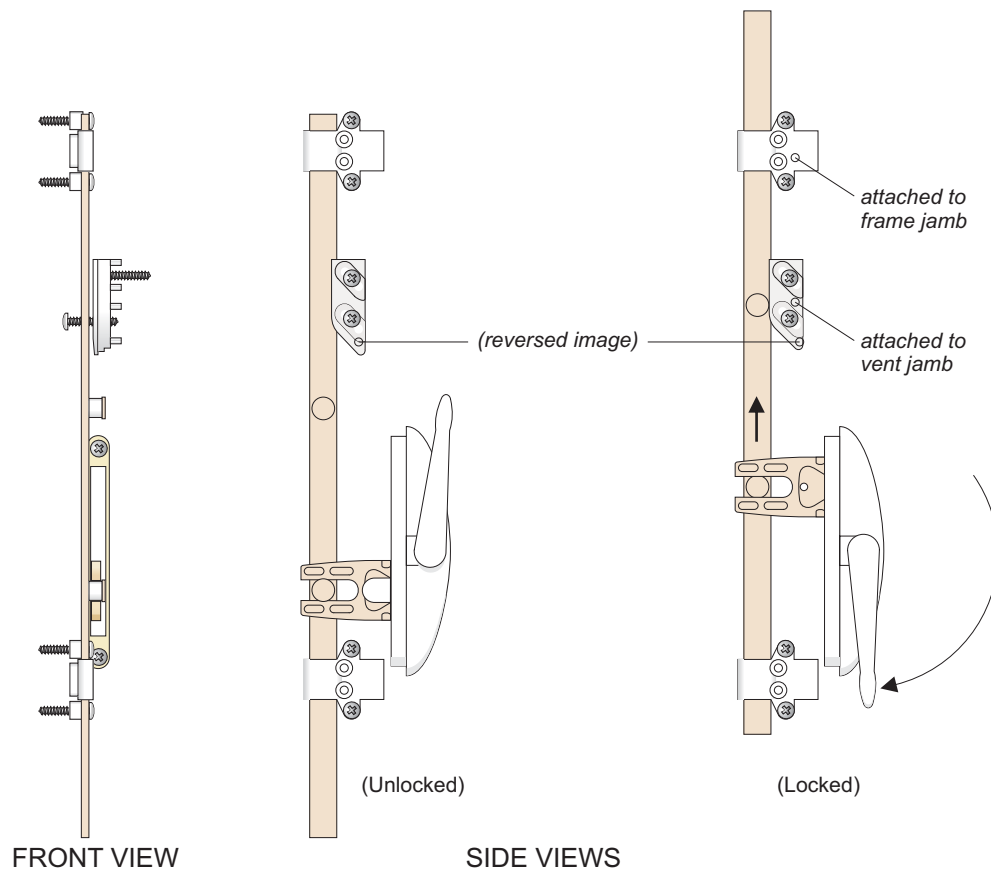
ADAPTOR IS FIXED TO OPERATOR
POLE IS EASILY CONNECTED OVER HEAD
CLERESTORY POLE CRANK IS STORED SEPARATE FROM WINDOW

680 Casement/Awning Latch Hardware Operation

AWNING HARDWARE OPERATION



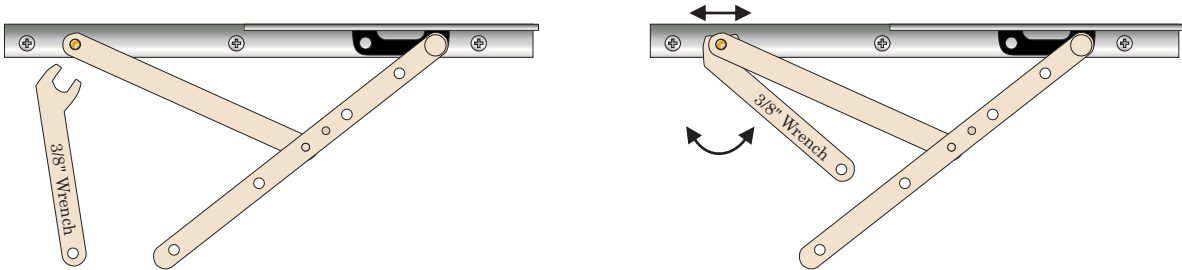
CASEMENT HARDWARE OPERATION



680 Casement/Awning Service

Hinge Adjustment

Slight hinge adjustments can be made to square-up the sash to the main frame, reducing sash friction and improving operation. The pivot post is an off-centered cam allowing adjustments up to 1/4" on each side of the vent sash.

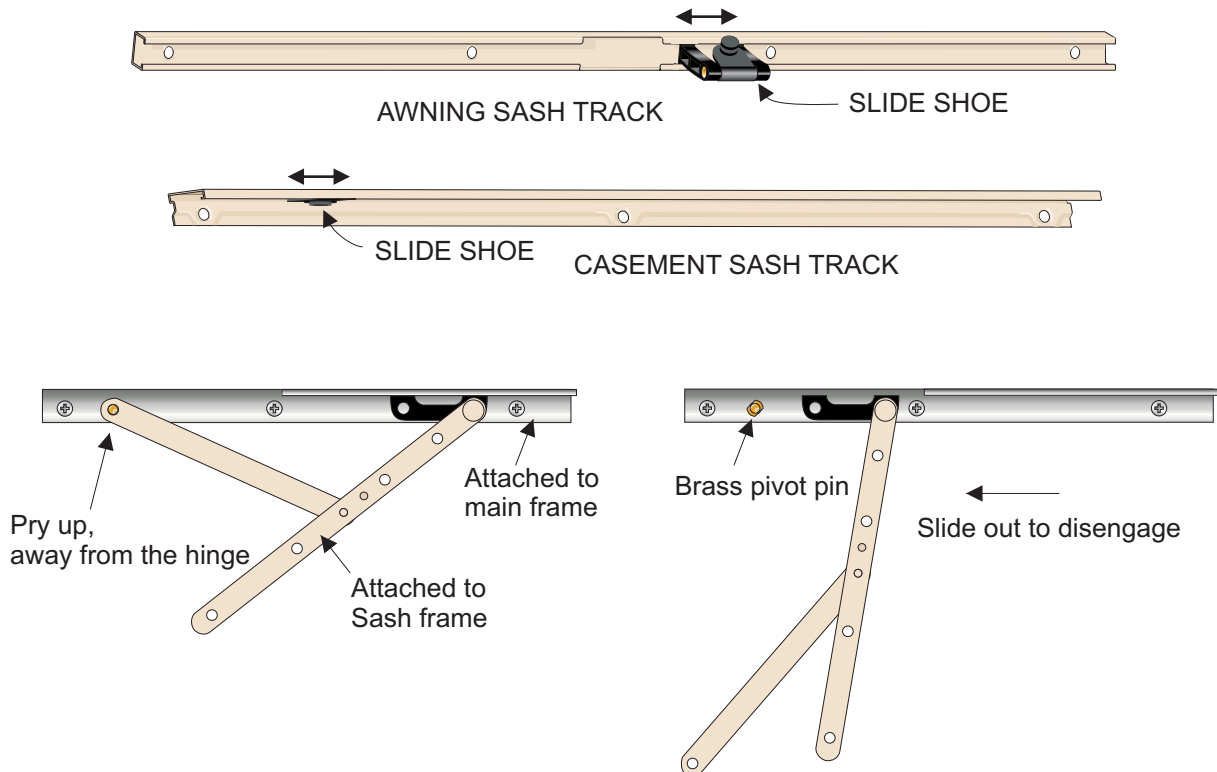


Use a thin 3/8" wrench when the pivot arm is attached or disengage the arm to use a standard wrench.

Rotate pivot post 90 degrees in either direction to move the sash location in the frame.

Sash Removal

No screws need to be taken out to remove the sash from the main frame. Slide the track glide to a knock-out or out the end of the track to disengage the hardware from the sash frame.



680 Casement Modified Snubber

CONDITION:

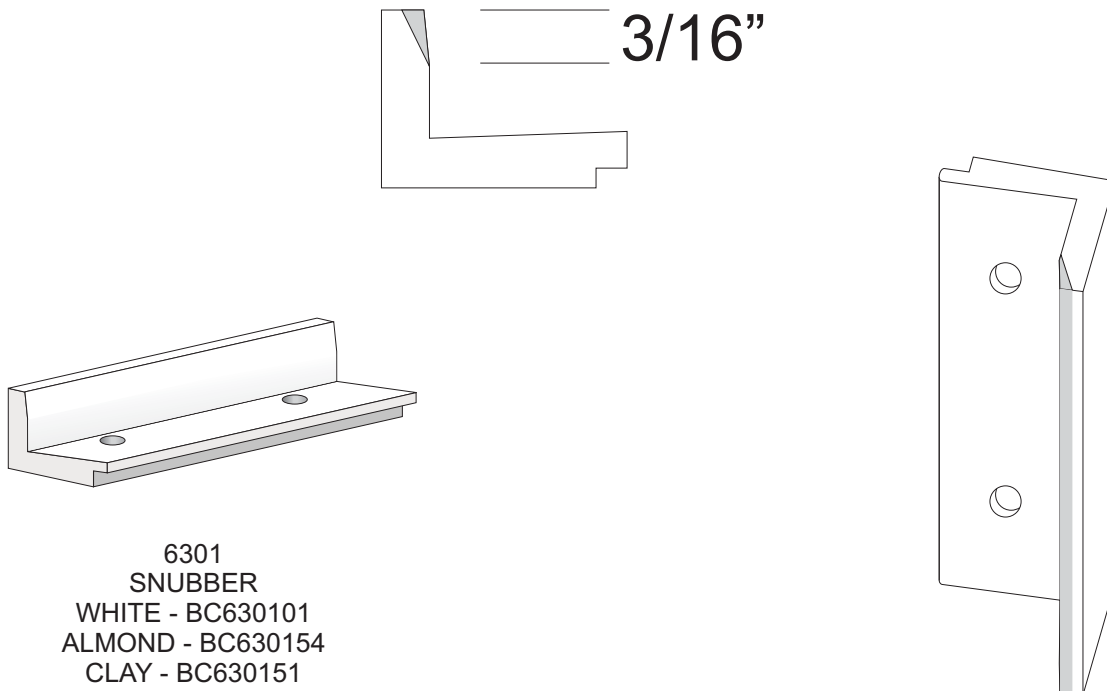
DURING SASH CLOSURE, SASH OPERATION BINDS RESULTING IN INCREASED PRESSURE ON ROTO OPERATION AT NEAR CLOSED LOCATION. WHEN THE PAIR OF SNUBBERS STRIKE EACH OTHER RATHER THAN PASS BY ONE ANOTHER AS DESIGNED, THIS RESTRICTS SASH PASSAGE, CAUSING OPERATION TO BIND.

SOLUTION:

RESHAPE THE SNUBBER PROFILE BY INCREASING THE BEVEL ON THE LEADING EDGE TO ALLOW PASSAGE (CLEARANCE) WITHOUT CHANGING THE GEOMETRY OF THE PART. TRIM OFF SHADED AREA (ILLUSTRATED BELOW).

PROCEDURE:

MODIFY THE SNUBBER ON THE SASH ONLY. TEST THE SASH OPERATION TO VERIFY THE REPAIR WAS THE SOLUTION. IF BINDING CONTINUES, MODIFY THE SNUBBER LOCATED ON THE MAIN FRAME JAMB. TALLER CASEMENTS WILL USE DOUBLE SNUBBERS; EACH WILL REQUIRE MODIFICATION.



680 Series Window Screen

