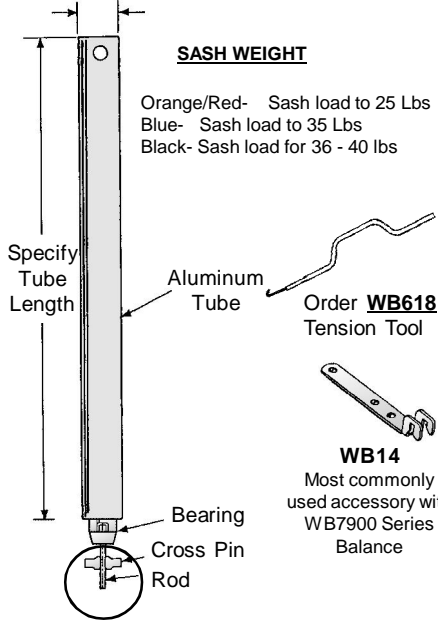


**WB7900 Series Tube Balance
Non Tilt**

Specify Tube Length & Bearing
Color When Ordering

Actual Diameter 9/16".
Referred to as 5/8" in Trade.



Order **WB618**
Tension Tool

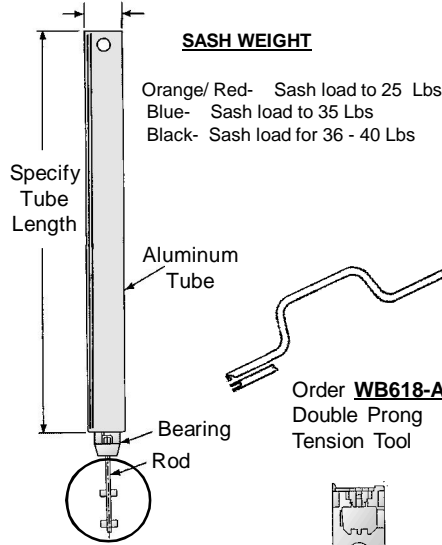
WB14
Most commonly
used accessory with
WB7900 Series
Balance

For
Double / Single Hung, Non-Tilt /
Non-Take Out Style Windows

**WB79-AT Series Tube Balance
Tilt**

Specify Tube Length & Bearing
Color When Ordering

Actual Diameter 9/16".
Referred to as 5/8" in Trade.



Order **WB618-AT**
Double Prong
Tension Tool

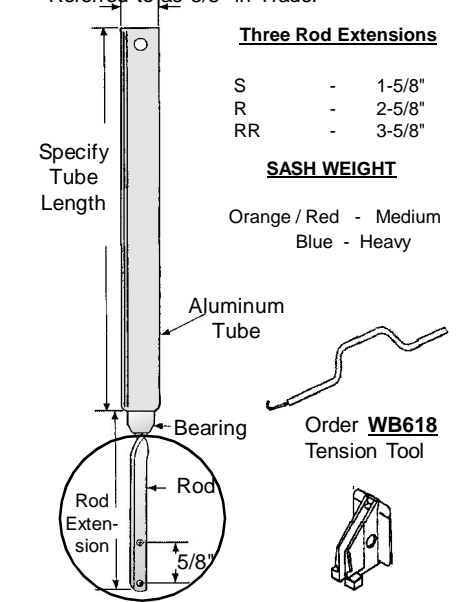
WB1047
Most commonly used
accessory with
WB79 -AT Series
Balance



**WB79-TO Series Tube Balance
Non-Tilt**

Specify Tube Length, Bearing, Rod
extension and Color When Ordering

Actual Diameter 9/16".
Referred to as 5/8" in Trade.



Order **WB618**
Tension Tool

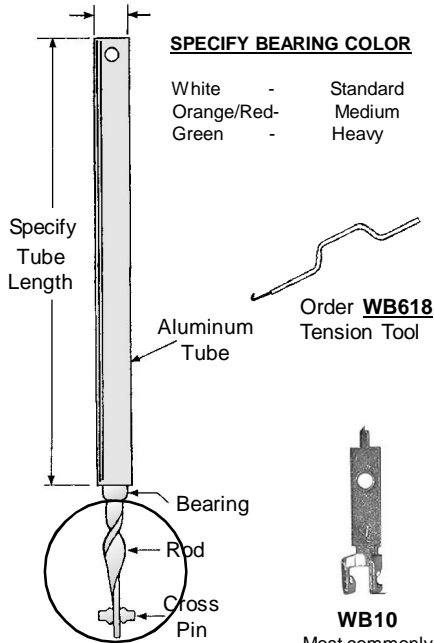
WB213
Please specify if
required at time of
order

Specify Rod Extension
when ordering

**WB7700 Series Tube Balance
Non Tilt**

Specify Tube Length & Bearing
Color When Ordering

3/8" Diameter



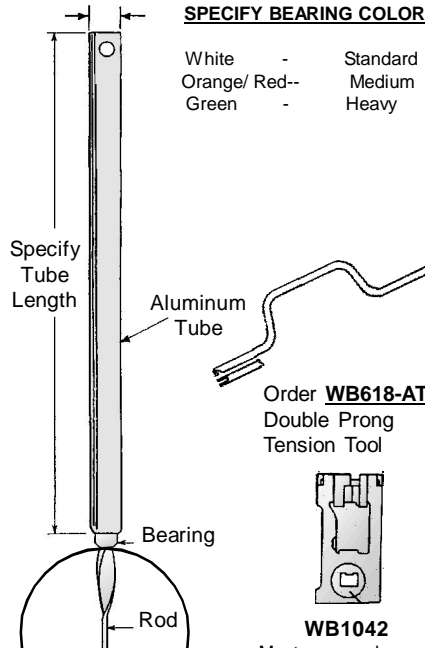
Order **WB618**
Tension Tool

WB10
Most commonly
used accessory
with WB7700
Series Balance

**WB77-IT Series Tube Balance
Tilt**

Specify Tube Length & Bearing
Color When Ordering

3/8" Diameter



Order **WB618-AT**
Double Prong
Tension Tool

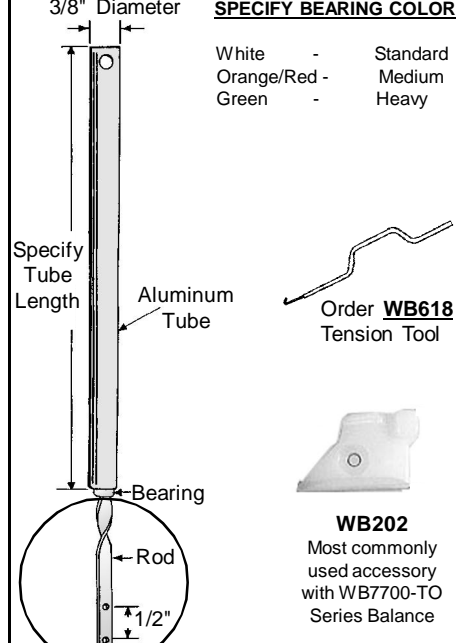
WB1042
Most commonly used
accessory with
WB77-IT Series
Balance

For Tilt Windows

**WB77-TO Series Tube Balance
Non-Tilt**

Specify Tube Length & Bearing
Color When Ordering

3/8" Diameter



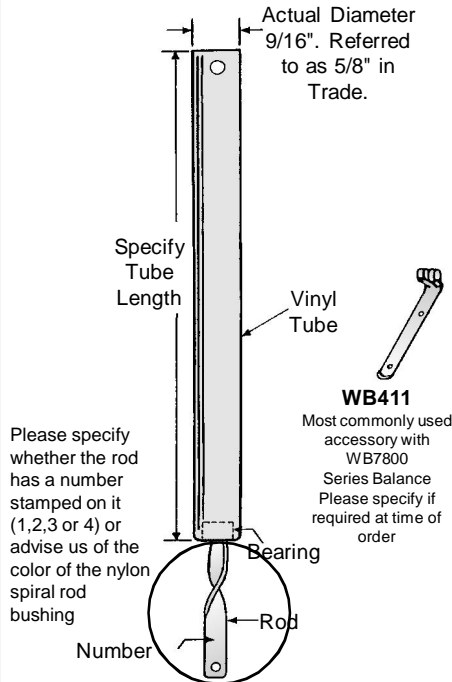
Order **WB618**
Tension Tool

WB202
Most commonly
used accessory
with WB7700-TO
Series Balance

Please specify if
required at time of
order

WB7800 Series Tube Balance Non-Tilt

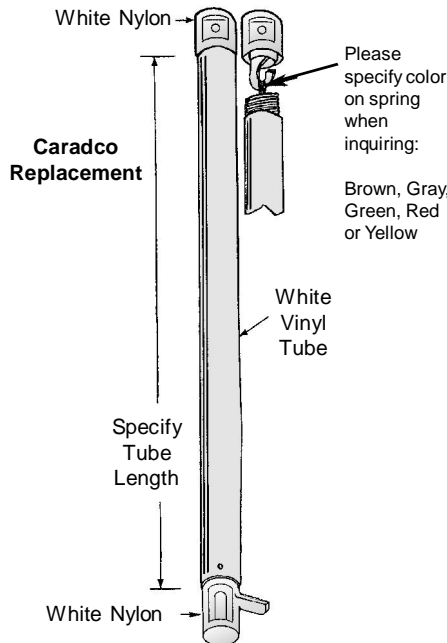
Specify Tube Length & Bearing Color When Ordering



Gray tube is standard for all WB7800 Series balances. All other tube colors must be special ordered.

WB7400 Series Tube Balance

Specify Tube Length & Color On Spring When Ordering

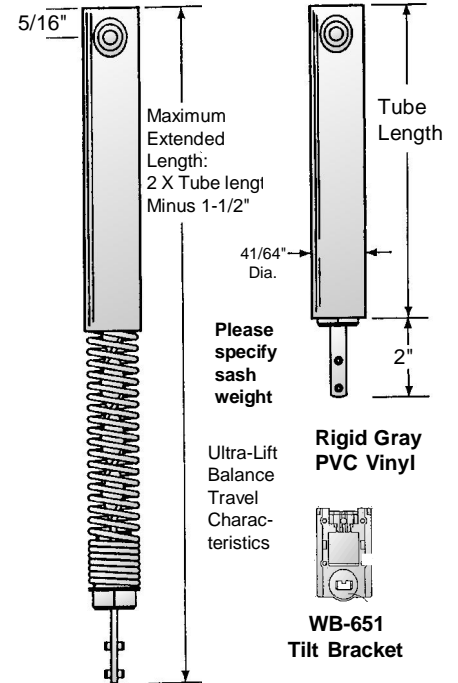


ULTRA-LIFT BALANCE (Special Order)

Makes 80-Lb Sash Easy To Lift !

Specify tube length / weight / tilt or non tilt

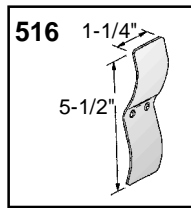
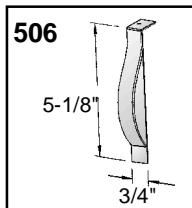
30-80 lbs per pair capacity Available 20-1/2" - 60-1/2"



Fast Fix Window Springs For Double Hung Windows

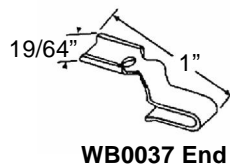
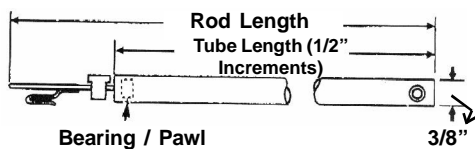
Eliminates broken sash cords. When sash cords break or windows rattle, insert the spring between the window frame and the sash and nail in place. Once installed, the spring will hold the window in position.

Sold by pair

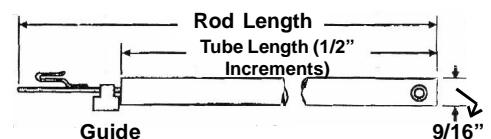


- Lifts 70% of sash weight vs AAMA's 40% minimum.
- Useable with both tilt and non-tilt windows.
- Fits most C-20 and HC-40 AAMA-Grade single and double hung windows.
- Fits most large architectural wood windows. Call Customer Service for more details.

WB6000 SERIES 3/8" TUBE BALANCE



WB7000 SERIES 5/8" PLASTIC TUBE BALANCE
Tube diameter 9/16" but considered 5/8" in the trade



Limited stock available for WB6000 series and WB7000 series balance. Black tube is standard. Gray may be available on balances in warehouse. Contact Customer Service for availability. Possible substitute: WB0037 end guide attached to WB7700-TO Series or WB7900-TO Series. See page _____.

<p>WB-3</p> <p>WB-4 WB-4-Spec w/ loop spring</p>	<p>WB-10</p>	<p>WB-11</p>	<p>WB-14</p>	<p>WB-18</p>
<p>WB-22</p>	<p>WB-202</p>	<p>WB-411 replacement may differ slightly from original</p>	<p>WB-436 UNIQUE</p>	<p>WB-616 Black or white</p>
<p>WB-618</p> <p>WB-618-AT</p>	<p>WB-627</p> <p>Black or white</p>	<p>WB-634</p> <p>Black or white</p>	<p>WB-643</p>	<p>WB-644</p>
<p>WB-646-L/R</p> <p>Black or white</p>	<p>WB-651</p> <p>Black Cam</p>	<p>WB-652</p> <p>Tan Cam</p>	<p>WB-653</p> <p>Red Cam</p>	<p>WB-657 Plunger</p>
<p>WB-658 Black or white</p> <p>Anti draft black</p>	<p>WB-664</p> <p>Front View</p> <p>Back View</p>	<p>WB-1042 Used with WB77-IT Series</p> <p>White Cam</p>	<p>WB-1042-1</p> <p>Pivot Bar</p>	<p>WB-1047 Used with WB79-AT Series</p> <p>Blue Cam</p>
<p>WB-1059</p>	<p>WB-1064 For Crestline</p> <p>Assy includes (1) of each piece shown</p> <p>For spring, order WB7500-Spring</p>	<p>WB-1073 3 pc. foot assembly</p> <p>Cast zinc replacement</p>	<p>WB-1083-Upper Black only</p> <p>WB-1083-Lower</p>	<p>WL-33</p>

WB7500 SERIES REPLACEMENT ALUMINUM WINDOW CHANNELS

For Wood Double Hung Window
With 1-3/8" Sash

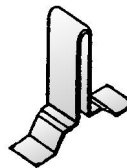
Replace old style tubular balances or rope and pulley. Designed for 1-3/8" sash. One piece jamb strip reduces air infiltration. Baked-on white enamel finish, metal "T" hangers and flocked springs. Use (1) pair to repair (1) double hung window. See chart at right.

TO ORDER:

Measure overall window height of window opening and / or glass height of sash only. Select from chart at right.

Absolute maximum
sash weight: 26 lbs.

Replacement Metal "T"
Hanger, included with
jambliner



WB7517

Part Number	Window Height	Glass Height
WB-7501	2'2"	10"
WB-7502	2'6"	12"
WB-7503	2'10"	14"
WB-7504	3'2"	16"
WB-7505	3'6"	18"
WB-7506	3'10"	20"
WB-7507	4'2"	22"
WB-7508	4'6"	24"
WB-7509	4'10"	26"
WB-7510	5'2"	28"
WB-7511	5'6"	30"
WB-7512	5'10"	32"
WB-7513	6'2"	34"
WB-7514	6'6"	36"
WB-7515	6'10"	38"
WB-7516	7'2"	40"

Caution: Our jambliners are square cut. Sill degree of angle to be determined at job site.

WB7300 Series Vinyl Tilt Liner

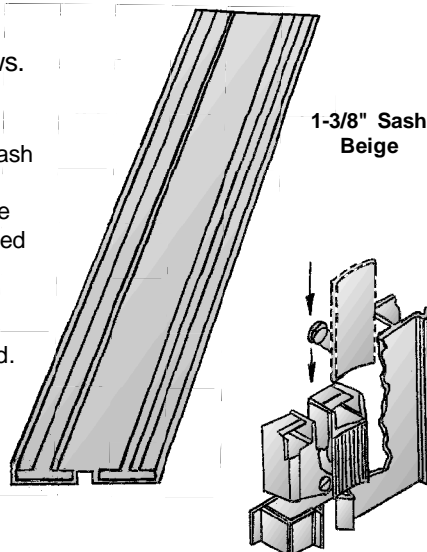
WB7300 Series Tilt Liner was developed to provide a durable, trouble-free removable weatherstrip balance for single glazed windows.

The Liner

Rigid PVC with flex-leaf open construction. The sash is held in place solidly yet the individual leaves will move out of the way to allow for tilting. Springs are concealed and protected. Spring noise is eliminated with a sound deadener attached to each spring.

Backing Foam

Advanced foam with a closed cell edge is standard. The foam acts as a compression spring with the closed cell edge providing a superior air and water seal.



Part Number	Glass Height	Opening Height
WB-7300	12"	2'6"
WB-7301	14"	2'10"
WB-7302	16"	3'2"
WB-7303	18"	3'6"
WB-7304	20"	3'10"
WB-7305	22"	4'2"
WB-7306	24"	4'6"
WB-7307	26"	4'10"
WB-7308	28"	5'2"
WB-7309	30"	5'6"
WB-7310	32"	5'10"
WB-7311	34"	6'2"
WB-7312	36"	6'6"

The Carrier System

Simple and durable. Large one piece carriers provide easy sash installation and insure proper balancing with self-adjusting friction. Large mushroom sash pins capture the carriers to eliminate carrier fly-up.

Caution: Our jambliners are square cut. Sill degree of angle to be determined at job site.

WB-1281 Vinyl Slip-On Tube Balance Covers

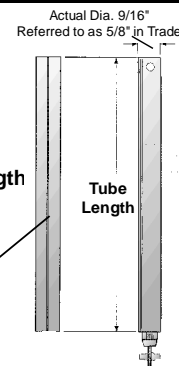
•Available in Black, Bronze, Pebble Tan & White To Blend With Window Sash.

•Fits All 9/16" O.D. (Referred to as 5/8" in Trade) Vinyl or Metal Sheathed Tube (Spiral) Balances

•Comes in 6' Lengths. Easily Cut With Sharp Scissors

Simply cut to length of balance tube

Slit for easy slip over installation



Blaine Part No.

WB1281-Black-058
WB1281-Bronze-058
WB1281-Pebbletan-058
WB1281-White-058

Fits all Blaine No.

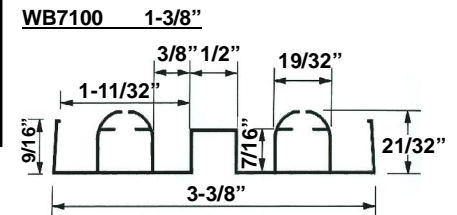
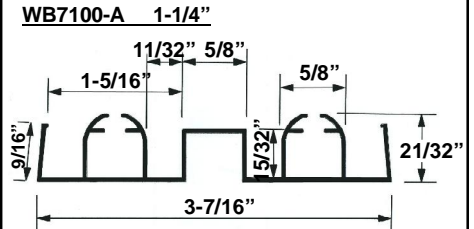
WB7800 Series
WB7900 Series
WB79-AT Series
WB79-TO Series

For Single Strength Glass

Glass Size	Opening Height	1-3/8" Part No.	1-1/4" Part No.	Max. Sash Weight	Length At Longest Point
12"	2-6 - 30"	WB7101	WB7101-A	7.8 LBS	30-3/16"
14"	2-10 - 34"	WB7102	WB7102-A	8.5 LBS	34-3/16"
16"	3-2 - 38"	WB7103	WB7103-A	9.2 LBS	38-3/16"
18"	3-6 - 42"	WB7104	WB7104-A	9.9 LBS	42-3/16"
20"	3-10 - 46"	WB7105	WB7105-A	10.6 LBS	46-3/16"
22"	4-2 - 50"	WB7106	WB7106-A	11.3 LBS	50-3/16"
24"	4-6 - 54"	WB7107	WB7107-A	12.0 LBS	54-3/16"
26"	4-10 - 58"	WB7108	WB7108-A	12.7 LBS	58-3/16"
28"	5-2 - 62"	WB7109	WB7109-A	13.4 LBS	62-3/16"
30"	5-6 - 66"	WB7110	WB7110-A	14.1 LBS	66-3/16"
32"	5-10 - 70"	WB7111	WB7111-A	14.8 LBS	70-3/16"
34"	6-2 - 74"	WB7112	WB7112-A	15.5 LBS	74-3/16"
36"	6-6 - 78"	WB7113	WB7113-A	16.2 LBS	78-3/16"

WB7100
for 1-3/8" sash

WB7100-A
for 1-1/4" Sash



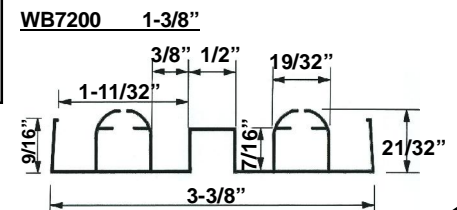
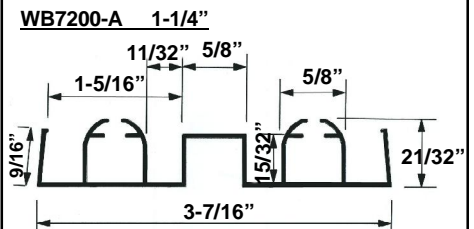
Only available in beige. 14 degree standard sill angle. Please contact Customer Service for more information or cottage, carriage and oriel windows.

For Insulated or Double Strength Glass

Glass Size	Opening Height	1-3/8" Part No.	1-1/4" Part No.	Max. Sash Weight	Length At Longest Point
12"	2-6 - 30"	WB7201	WB7201-A	11.0 LBS	30-3/16"
14"	2-10 - 34"	WB7202	WB7202-A	12.3 LBS	34-3/16"
16"	3-2 - 38"	WB7203	WB7203-A	13.5 LBS	38-3/16"
18"	3-6 - 42"	WB7204	WB7204-A	14.6 LBS	42-3/16"
20"	3-10 - 46"	WB7205	WB7205-A	16.0 LBS	46-3/16"
22"	4-2 - 50"	WB7206	WB7206-A	17.3 LBS	50-3/16"
24"	4-6 - 54"	WB7207	WB7207-A	18.5 LBS	54-3/16"
26"	4-10 - 58"	WB7208	WB7208-A	19.9 LBS	58-3/16"
28"	5-2 - 62"	WB7209	WB7209-A	21.0 LBS	62-3/16"
30"	5-6 - 66"	WB7210	WB7210-A	22.2 LBS	66-3/16"
32"	5-10 - 70"	WB7211	WB7211-A	23.5 LBS	70-3/16"
34"	6-2 - 74"	WB7212	WB7212-A	24.7 LBS	74-3/16"
36"	6-6 - 78"	WB7213	WB7213-A	26.0 LBS	78-3/16"

WB7200
for 1-3/8" sash

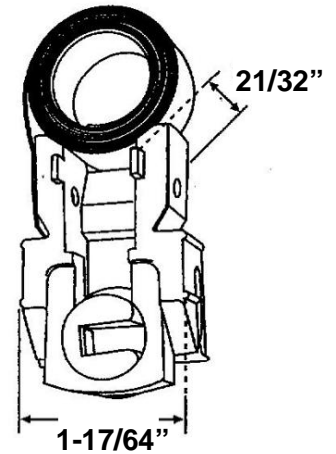
WB7200-A
for 1-1/4" Sash



Only available in beige. 14 degree standard sill angle. Please contact Customer Service for more information or cottage, carriage and oriel windows.

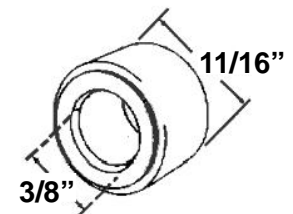
**WB9200
Constant Force Balance**

Single or Double Coil	No. Stamped on Coil	Blaine Part No.
Single	5 or 540	WB9200-Single - 5/540
Single	6 or 640	WB9200-Single - 6/640
Single	7 or 740	WB9200-Single - 7/740
Single	8 or 840	WB9200-Single - 8/840
Single	832	WB9200-Single - 832
Double	440 / 440	WB9200-Dbl - 440/440
Double	440 / 540	WB9200-Dbl - 440/540
Double	540 / 540	WB9200-Dbl - 540 / 540
Double	540 / 640	WB9200-Dbl - 540 / 640
Double	640 / 640	WB9200-Dbl - 640/640
Double	740 / 740	WB9200-Dbl - 740/740

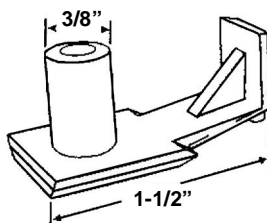


WB9200 Bushing

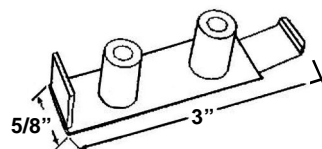
Color	Diameter	Blaine Part Number
Dark Gray	21/32"	WB9200-Bushing-DGRY
Black	21/32"	WB9200-Bushing-BLK
Bronze	41/64"	WB9200-Bushing-BRZ
Gray	11/16"	WB9200-Bushing-Gray
Tan	41/64"	WB9200-Bushing-TAN
White	43/64"	WB9200-Bushing-WHT



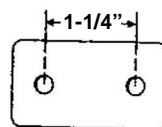
WB9200- Clip-058



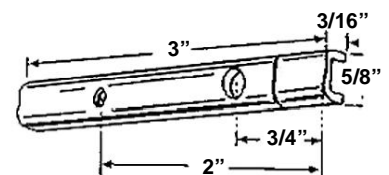
WB9200 -Double Clip-058



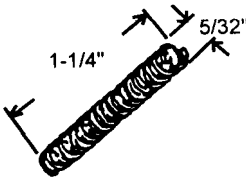

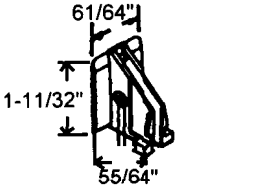
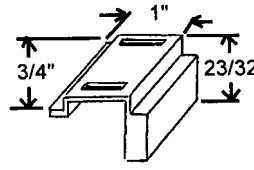
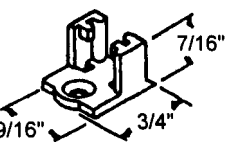
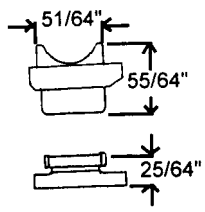
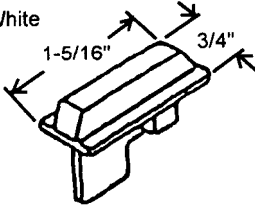
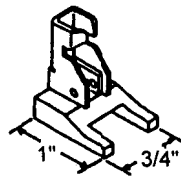
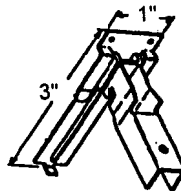
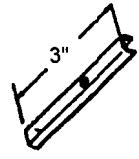
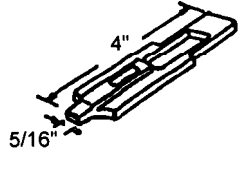
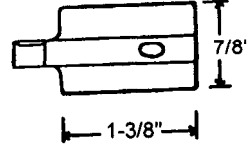
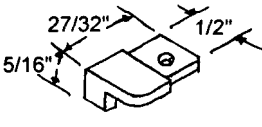
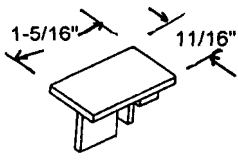
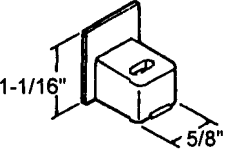
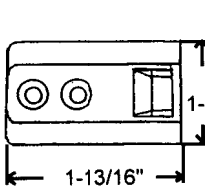
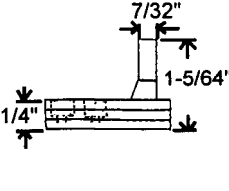
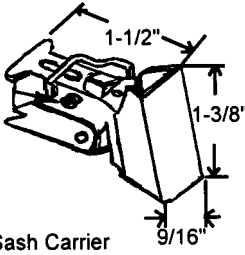

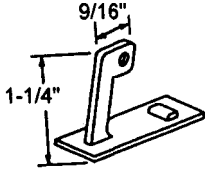
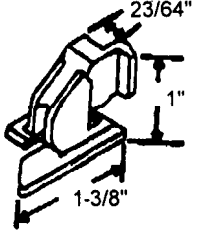
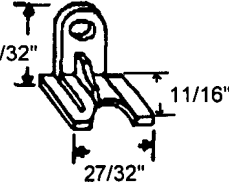
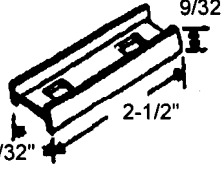
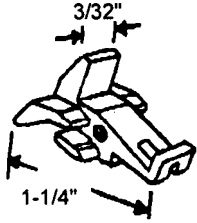
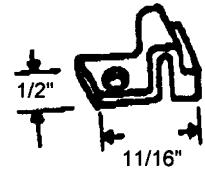
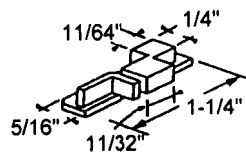




WB9200- Guide-058

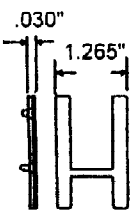
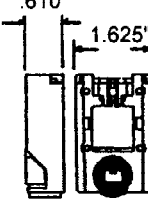
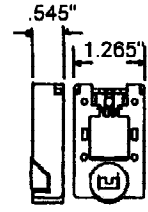
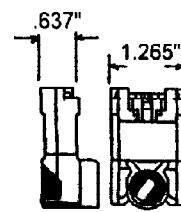
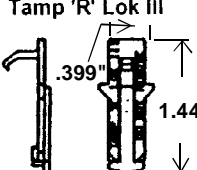
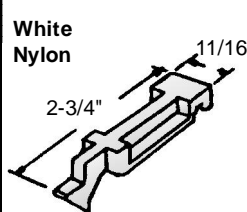
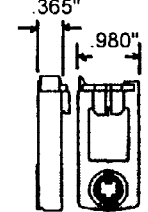
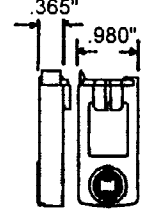
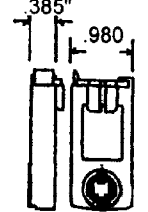
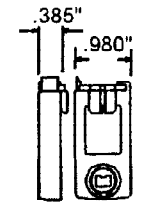
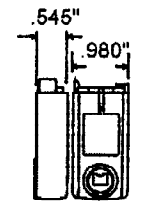
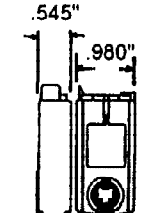
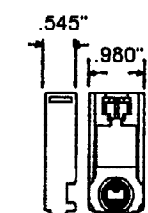
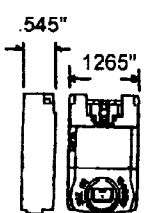
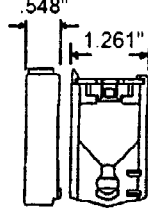
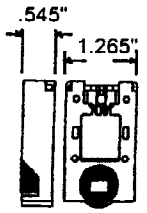
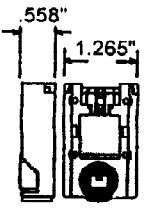
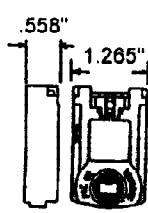
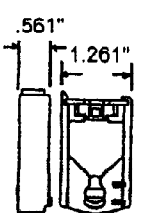
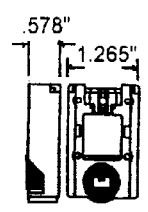
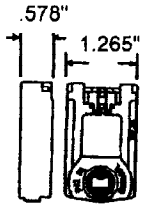
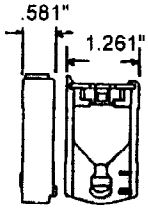
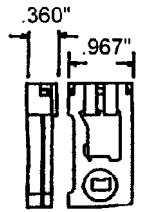
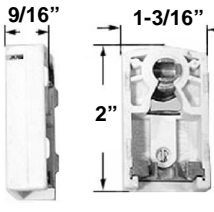
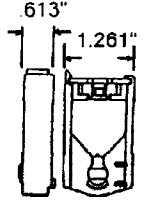
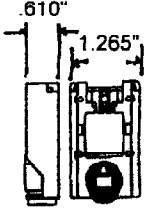
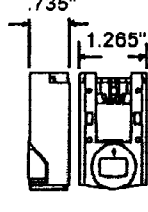
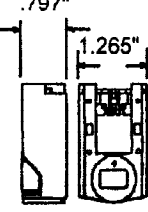
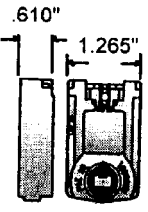


Pivot Bar



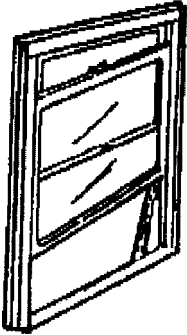
WB1047-1-050

<p>CB9218</p>  <p>1-1/4" 5/32"</p> <p>Sash Plunger Spring</p>	<p>CB9257</p>  <p>Metal Top Sash Guide</p>	<p>WB-213</p>  <p>61/64" 1-11/32" 55/64"</p> <p>Shoe</p>	<p>WB-620</p>  <p>1" 3/4" 23/32"</p> <p>Upper / Lower Sash Guide</p>	<p>WB-627</p>  <p>7/16" 9/16" 3/4"</p> <p>Sash Clip</p>
<p>WB-699-L/R</p>  <p>51/64" 55/64" 25/64"</p> <p>Slide Lock</p>	<p>WB-819 White</p>  <p>1-5/16" 3/4"</p> <p>Upper Dust Cap</p>	<p>WB-1026</p>  <p>1" 3/4"</p> <p>Shoe</p>	<p>WB-1027</p>  <p>1" 3"</p> <p>Shoe</p>	<p>WB-1047-1</p>  <p>3"</p> <p>Pivot Bar</p>
<p>WB-1067-1 & 2</p>  <p>4" 5/16"</p> <p>Pivot Bar</p>	<p>Thermalgard</p>  <p>7/8" 1-3/8"</p> <p>Pivot Bar</p>	<p>WB-1099-L/R</p>  <p>27/32" 1/2" 5/16"</p> <p>Bottom Guide. Sold Pair</p>	<p>WB-1106-L/R Black or white</p>  <p>1-5/16" 11/16"</p> <p>Lower Dust Cap.</p>	<p>WB-1110</p>  <p>1-1/16" 5/8"</p> <p>Sash Guide</p>
<p>WB-1115</p>  <p>1-5/64" 1-13/16"</p> <p>Sash Carrier</p>	<p>WB-1125</p>  <p>7/32" 1-5/64" 1/4"</p> <p>Sash Carrier</p>	<p>WB-1125</p>  <p>1-1/2" 1-3/8" 9/16"</p> <p>Sash Carrier</p>	<p>WB-1210 White</p>  <p>1/2" 9/16"</p> <p>Face Guide</p>	<p>WB-1251 White</p>  <p>9/16" 1-1/4"</p> <p>Clip</p>
<p>WB-2-L/R</p>  <p>23/64" 1" 1-3/8"</p> <p>Cupples</p>	<p>WB-2-Clip</p>  <p>29/32" 11/16" 27/32"</p> <p>Cupples</p>	<p>WB1074</p>  <p>9/32" 2-1/2" 19/32"</p> <p>Georgia Palm Beach Sash Carrier Lock</p>	<p>WB1178</p>  <p>3/32" 1-1/4"</p> <p>Silverline</p>	<p>WB1207</p>  <p>1/2" 11/16"</p> <p>Window Guide</p>
<p>WB-1258-L/R</p>  <p>11/64" 1/4" 5/16" 1-1/4" 11/32"</p> <p>Dust Cover. Sold L/R</p>	<p>WB-1180</p>  <p>5 x 5/16 Drive Screw</p>	<p>WB-1181</p>  <p>6 x 1/4 Truss Head Retainer Screw</p>	<p>WB-1182</p>  <p>Balance Screw</p>	<p>WB-1190</p>  <p>6 X 3/8 Truss Head SMS Lock Screw</p>

<p>Caldwell Carriers</p> <p>If the carrier you need doesn't appear on this page, please contact us for assistance.</p>	<p>WB651-Spacer</p> <p>White</p>  <p>Option to be used with WB651, at right</p>	<p>WB651</p>  <p>With black cam</p>	<p>WB652</p>  <p>With tan cam</p>	<p>WB653</p>  <p>With red cam</p>
<p>WB664-III</p> <p>Black</p>  <p>Tamp 'R' Lok III</p> <p>Option to be used with WB653, above</p>	<p>WB657</p> <p>Plunger</p> <p>White Nylon</p> 	<p>WB1334</p>  <p>With red cam</p>	<p>WB1335</p>  <p>With black cam</p>	<p>WB1336</p>  <p>With green cam</p>
<p>WB1337</p>  <p>With white cam</p>	<p>WB1338</p>  <p>With white cam</p>	<p>WB1339</p>  <p>With navy blue cam</p>	<p>WB1340</p>  <p>With black cam</p>	<p>WB1341</p>  <p>With natural cam</p>
<p>WB1342</p>  <p>With natural cam</p>	<p>WB1343</p>  <p>With lt. green cam</p>	<p>WB1344</p>  <p>With navy blue cam</p>	<p>WB1345</p>  <p>With navy blue cam</p>	<p>WB1346</p>  <p>Locking ramp - navy blue</p> <p>With natural cam</p>
<p>WB1347</p>  <p>Locking ramp - red</p> <p>With black cam</p>	<p>WB1348</p>  <p>With orange cam</p>	<p>WB1349</p>  <p>Locking ramp - orange</p> <p>With natural cam</p>	<p>WB1042</p>  <p>With white cam</p>	<p>WB1111</p>  <p>with cast zinc cam</p>
<p>WB1352</p>  <p>With black cam</p>	<p>WB1353</p>  <p>With lt. green cam</p>	<p>WB1354</p>  <p>With natural cam</p>	<p>WB1355</p>  <p>With natural cam</p>	<p>WB1351</p>  <p>with black cam</p>

DON'T REPLACE THEM - REPAIR THEM!

Repair your old wood windows with new, thermally efficient, rattle free jambliners!

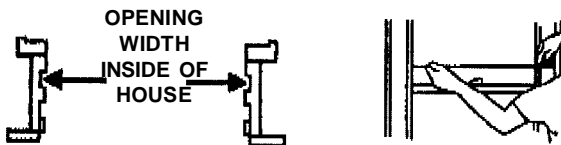


- Vinyl jambliners can reduce air infiltration dramatically and increase the efficiency of wood windows by more than 60%!
- Vinyl jambliners are an excellent option when your customers wood sashes are in good shape but balances, pulleys and weatherstripping are not sufficient.
- Blaine offers a stocking program of tilt and non tilt jambliners for 1-1/4" and 1-3/8" sash. We can also provide custom sizes for most window shapes.
- Blaine can also offer a number of options not shown in this catalog. Please contact our customer service department for assistance with special requests or for additional information!

MEASURING YOUR EXISTING WINDOW OPENING:

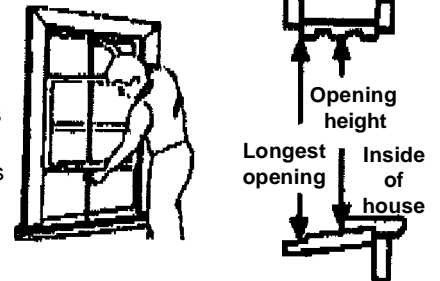
WIDTH

To find the width of the sash opening, measure from inside jamb to inside jamb. This measurement should be approximately 4" wider than the glass width.



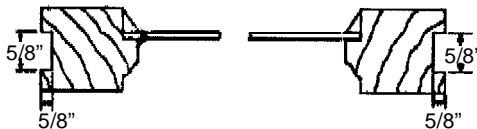
HEIGHT

To determine the height of the opening, measure from the header to the sill at the inside edges of the parting bead. This measurement is normally about 8" greater than double the glass height. You will also need the longest opening height.



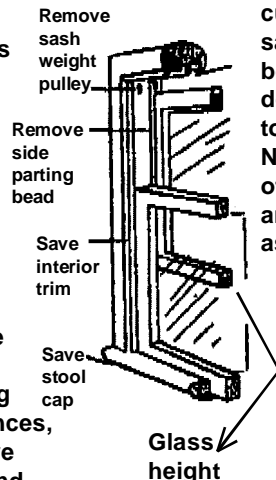
HOW TO INSTALL NON TILT JAMBLINERS

1. In order to accept our WB7100 and WB7200 jambliners, you must make a 5/8" wide x 5/8" deep square plough along both sides of the sash.

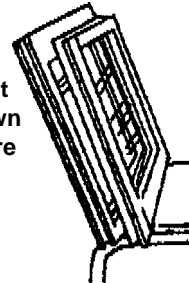


2. If you are replacing a sash fitted with ropes or chains, it is necessary to prep your opening by cutting off the ropes or chains, removing sash weight pulleys (4), removing the side parting beads. Save the head parting bead because it will be reused.

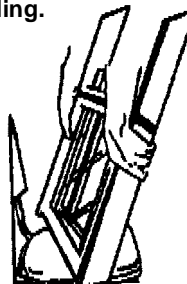
If you are only replacing defective or worn balances, you will need to remove all existing hardware and make room for your new sash balance system.



3. Set the lower and upper sash on a chair (see diagram). Note that the sash are upside down with the interior (the bare wood) toward the chair back.



4. Pick up balances with angle cut to top. Place balance with sash platforms resting on the bottom of the sash. Push sash down about 1-1/2" - 2" below the top of balance and HOLD FIRMLY. Note: You may find an extra pair of hands helpful, or wrap tape around the sash and balance to assist in handling.



5. Pick up the balance with sash so that the interior is facing you. Place the bottom of the balance into the window frame until it butts the outside stop, then ease into position. Raise the lower sash thus driving the Speed Lok into header to secure the balance. The tops of the jambliner are slightly aligned for easier installation.



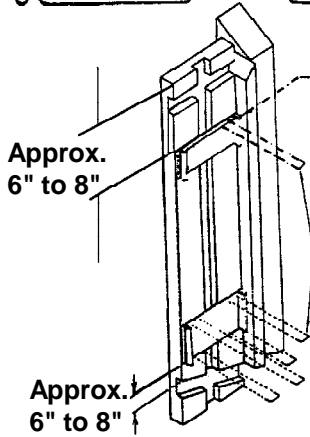
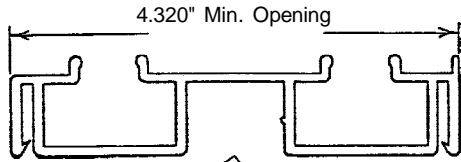
6. Check for proper fit. Test operation, then replace stops, head parting bead and the remainder of the interior trim.

Full Tilt Balance Systems

CB8500 Series - For 1-3/4" Sash Thickness - Wood Frames
 CB8800 Series - For 1-3/8" Sash Thickness - Wood Frames

Caution: Our jambliners are square cut. Sill degree of angle to be determined at job site.

CB8500 Series Vinyl Jambliners



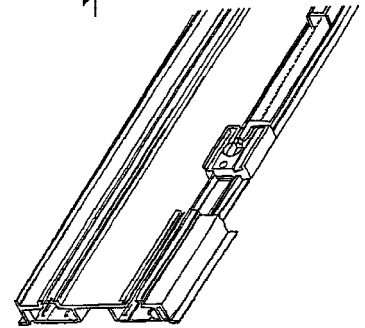
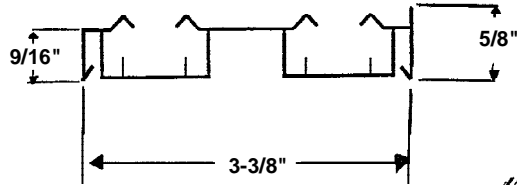
Frame Jamb Preparation For Bracket Application

Place end of bracket against blind stop.
NOTE: Do not drive staple too tight. A small amount of free play in the bracket is desirable. Place vinyl jambliner against brackets and snap into place. 1/2" X 1/2" X 16 gauge staple. Additional brackets will be furnished for larger glass heights.

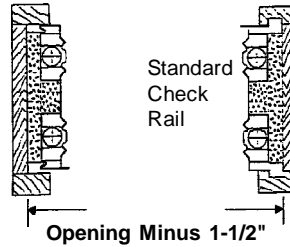
Frame Applications And Sash Prefit



CB8800 Series Vinyl Jambliners

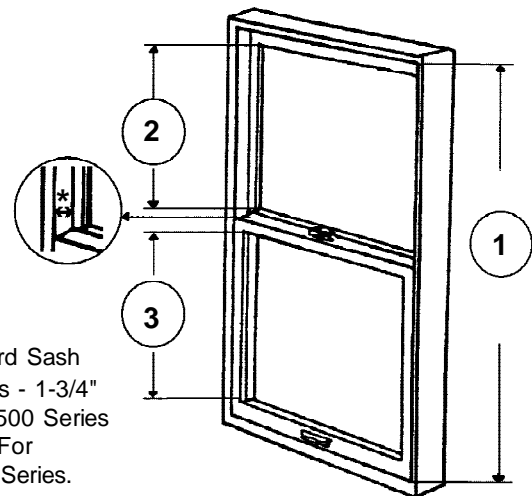


FRAME APPLICATIONS AND SASH PREFIT



CRITICAL INFORMATION (REQUIRED) WHEN IDENTIFYING FULL TILT & NON-TILT BALANCE SYSTEMS

1. Overall Opening _____
2. Visible Glass Height (upper) _____
3. Visible Glass Height (lower) _____
4. Sash Weight _____
5. Color: White or Beige _____
6. Sash Thickness _____
7. Specify Series _____



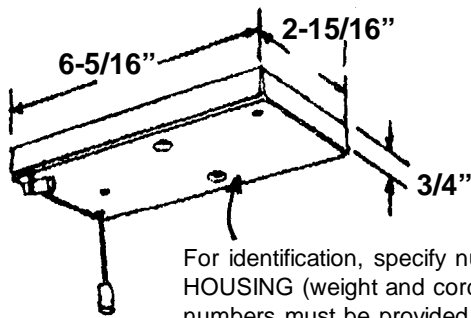
* Standard Sash Thickness - 1-3/4" For CB8500 Series & 1-3/8" For CB8800 Series.

***Caution:** When converting an old style wooden sash to a newer style Full Tilt or Jambliner System, modifications may be required.

Andersen®

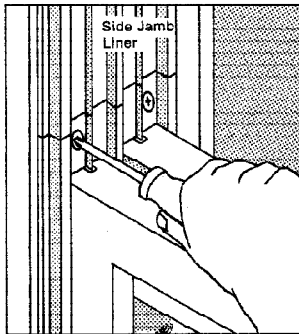
PERMA-SHIELD or PRIMED NARROWLINE® WINDOWS Replacement Counter Balances

Part No. 7489

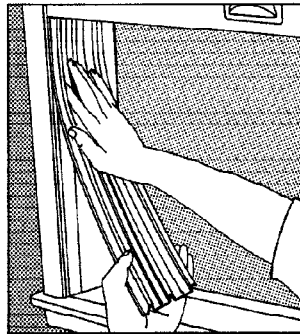


For identification, specify numbers ON HOUSING (weight and cord travel). These numbers must be provided when ordering.

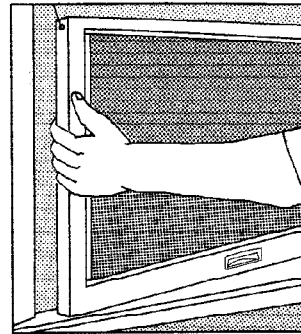
REMOVAL/ INSTALLATION INSTRUCTIONS



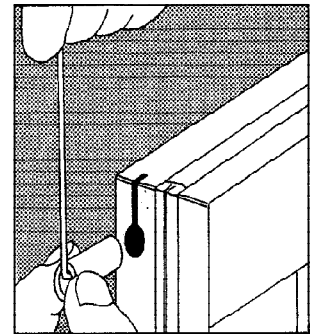
1. Remove jamb liner screws by lowering top sash to full open position. Remove two screws located above sash on left-hand side as viewed from inside. Raise sash to remove screws from lower half of jamb liner.



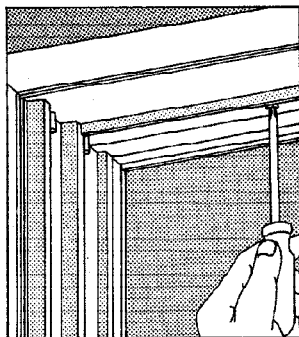
2. Slide out jamb liner from bottom by bending and moving toward center of opening. Take care not to scratch window sill or stool.



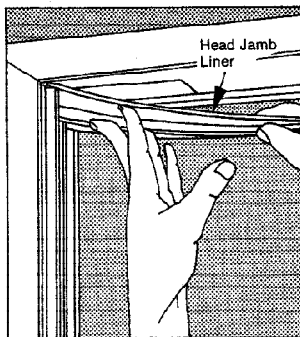
3. Remove sash by lowering to closed position and pulling out from left side. Hold sash down. Remove sash cord and sash as follows.



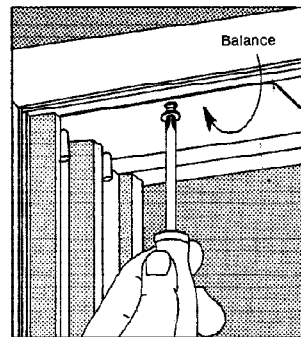
4. **CAUTION:** When unhooking sash cords, be careful not to let cord snap back into sash balance. With a firm grip, remove cord tab from left and right-hand sides of sash - ease sash cord back into balance in head jamb.



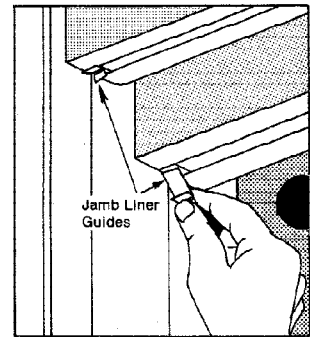
5. Remove screws from vinyl head jamb liner or wooden head stop on old style units.



6. Remove head jamb liner or wood head stop. If paint bound pry wood stop loose from outside to prevent damage to interior finish.



7. Take out screw and remove damaged balance. Note part number on balance.



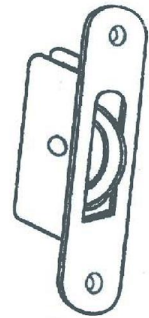
8. After replacing sash insert the vinyl jamb liner guides into weatherstrip groove on left-hand side of upper and lower sash at bottom as shown above. These guides prevent damage to weatherstrip when replacing jamb liner.

8. Replace balance and secure with screws. **CAUTION:** Set screw snug - not tight. Check operation of cord - if too tight back off screw to allow free operation of cord.

Constructed with solid brass, 1/8" thick face plate, ball bearing solid brass wheel, & stamped steel housing.



Model	Face Plate Width	Face Plate Length	Mount Hole Centers
571-A-004	1.250" (1-1/4")	6.390" (6-25/34")	5.187" (5-3/16")
571-B-004	1.250" (1-1/4")	5.578" (5-37/64")	4.500" (4-1/2")
571-C-004	1.125" (1-1/8")	5.437" (5-7/16")	4.375" (4-3/8")
571-D-004	1.093" (1-3/32")	4.937" (4-15/16")	4.000" (4")

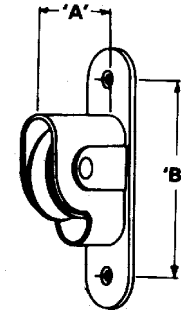


Designed to meet the needs of custom high-end window fabricators building large and heavy sash, and enables the use of 2" diameter or 2" square counterweights in most applications.

The standard finish is satin lacquered brass. Other finishes are available.

Constructed with cast housing and wheel, steel axle and operating with chain or rope. Available in red bronze (010) and nickel bronze (029).

Model	Face Size	Wheel Diameter	Sash Weight	'A' Dimension	'B' Dimension
571-A-029 571-A-010	1-1/4" x 6-1/2"	3"	50-200 lbs.	2-1/4"	5-3/16"
571-B-029 571-B-010	1-1/4" x 5-3/4"	2-1/2"	30-50 lbs.	2"	4-1/2"
571-C-029 571-C-010	1-1/8" x 5-1/2"	2"	20-40 lbs.	1-3/4"	4-3/8"
571-D-029 571-D-010	1" x 5"	2-1/4"	20-40 lbs.	1-5/8"	4"
571-E-029 571-E-010	1" x 4-5/8"	2"	1-20 lbs.	1-1/2"	3-5/8"



Sash Weights

571-WT-1-1/2-051 3-1/4" high	1-1/2 lb
571-WT-2-051 4" high	2 lb
571-WT-8-051 15-1/2" high	8 lb

•Designed to be stacked in combination to achieve desired weight.



Sash Chain

1532-Chain

- Copper dipped steel
- 100 ft. in box
- Max. work load - 75 lbs.

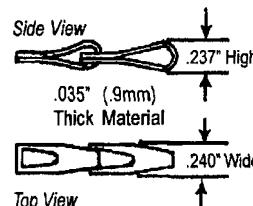


Sash Fixtures

1532-Fixtures*



- All 1532-Fixtures are packed with 25 sets per box - enough to repair 25 windows.
- 25 sets = 100 ea. hooks & 100 ea. spirals
- *fixtures only work with sash chain, sold separately.



1532-Cord

- Nylon sash cord #7
- 7/32" Nylon
- 100 ft. in box