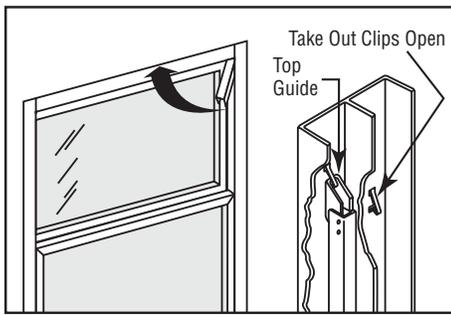
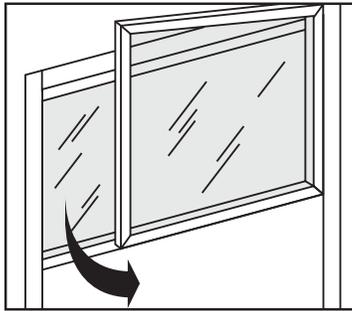


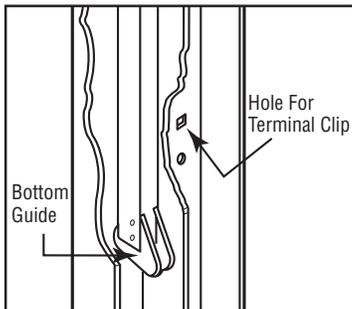
H-16 Channel Window Balances



Remove the sash stops. Close sash to expose take-out clips. Open both clips for sash removal. Raise sash until top guide engages take-out clip. Continue to raise sash, 2 to 3 inches more.

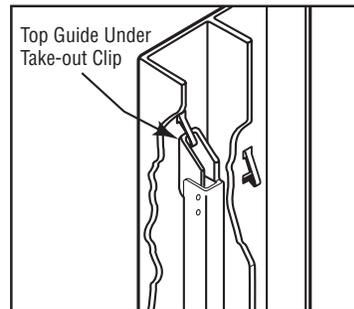
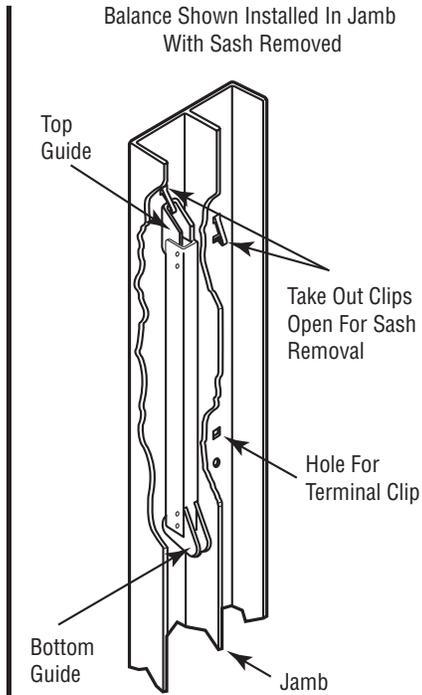
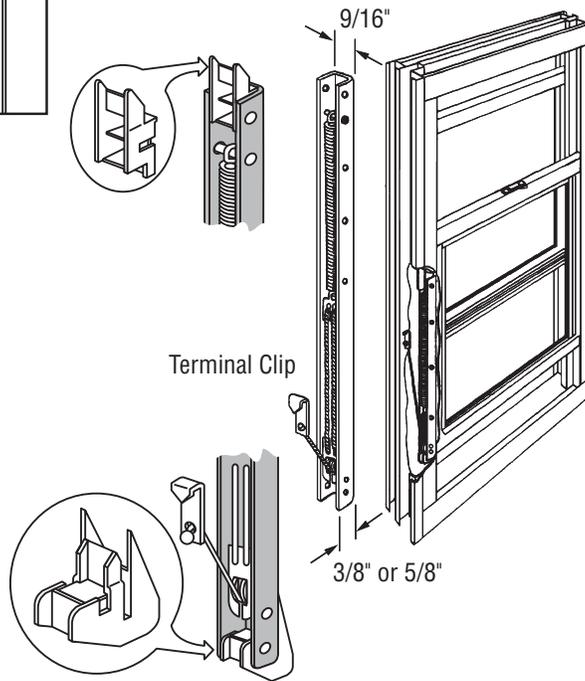


Move sash right or left as far as possible. Removal is then accomplished by swinging the opposite side of sash inward.

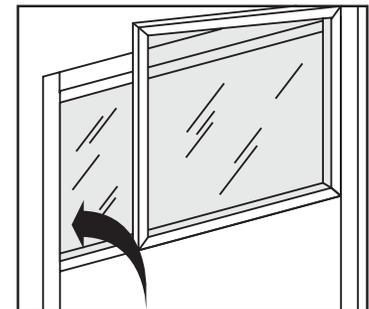


Make sure that the "take-out clip" is rotated away from the jamb. Hook the terminal clip into the square hole in the jamb.

Used On Single Or Double Hung Sash



Insert balance into channel, allowing it to connect under the take-out clip.



Position right or left side of sash into jamb, 2 to 3 inches above take-out clip and swing opposite side into alignment with frame. Lower sash to engage balances and on down to clear take-out clips. This will automatically center the sash. Snap take-out clips into jamb to facilitate normal operation.

Channel Balances:

Channel balances, sometimes referred to as "block and tackle" balances because they contain cord and pulleys, are square in shape. In addition to the cord and pulleys, they have a long spring, which can be seen from the open side of the "U" frame. The depth of the balance may be either 3/8" or 5/8" (considered 1/2" in the trade). Riveted through the "U" frame, on both ends are nylon end pieces, which serve as guides.

To remove the balance, the first step is to remove the sash stop. The sash stop is located at the top of both jambs. It is the part that the sash contacts so that the sash cannot be raised any higher. The sash stops are usually pressed into the jambs and they can be pried out. Unlatch the sash and raise it to the uppermost position. The balance will disengage from the sash. Push one side into the jamb and rotate the other side towards you. The sash can now be carefully set aside.

Near the top of the jamb there is a retainer, which is called a "take-out clip". Take hold of the top of the balance carefully and pull it down to clear the bottom of the clip. Then tilt the balance towards the center of the window and allow the spring to relax. Now the cord terminal can be disconnected.

Look for a four (4) digit number stamped into the balance housing. The number may be something like 2820, 2830 or 2840. The first two digits represent the length of the metal portion of the housing minus 1". The last two digits represent the weight of the window for which the balance was designed and therefore takes into consideration the tension in the spring when the balance was manufactured.

The new balance can now be installed. Make sure that the "take-out clip" is rotated away from the jamb. Hook the terminal clip into the square hole in the jamb. Pull down on the balance while inserting it into the channel and allowing it to connect under the take-out clip. Do the same for the opposite side.