



HOW TO ADJUST A HINGED (CASEMENT OR AWNING) WINDOW

DIFFICULTY



Easy

TIME REQUIREMENT

10 Minutes



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Materials Required:

- Milgard adjustment wrench (contact Milgard for purchase)
 - Safety glasses and gloves
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For a list of window terms please go to Milgard.com/How-To-Speak-Window

Safety Precautions:

This activity is appropriate for individuals with an understanding of how to use simple hand tools. Remember to wear eye protection and to make sure that pets and small children are not present when performing these activities.

Pework Instructions:

Milgard windows use an easily adjustable stud to vary the side to side spacing or sash drag.

The adjustable hinges enable you to quickly and precisely re-align the sash within the window frame without ever having to disconnect the support arms. Assembled with its specially designed stud in a centered, or nominal position, the hinge can be moved a full 1/16" (1.5mm) towards the outside of the sash, and 1/32" (0.8mm) towards the jamb. Adjustments can be easily made while the hinge is fully assembled with the simple twist of a slim wrench. This special wrench can be purchased through Milgard using part number HA6806MI. Hinges may be adjusted with a standard 3/8" or 7/16" wrench (depending on the hinge) if the support arm is removed before adjustment.



To Adjust the Casement Window for Sash Drag:

Over time windows may change due to building settling, which could require a minor adjustment.

1. If window is accessible from the exterior, check window for uneven sightlines. (Image 1)



Image 1

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2. Remove screen, then fully open the window.
3. Next, slip the adjustment wrench onto the base of the stud, found between the support arm and the track of the lower hinge. (Image 2)
4. Rotating the wrench away from the lock side of the window will decrease the amount of sash drag. The maximum sash drag adjustment is reached when the stud flats are parallel to the track.



Image 2

Note: turning the stud flats beyond parallel will not increase sash drag correction.

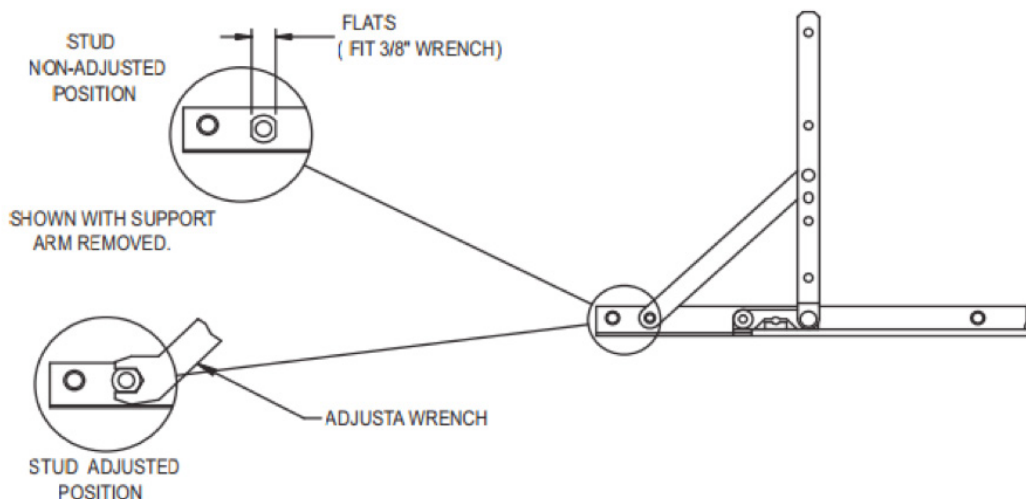
5. For severe sash drag, a similar procedure can be used on the upper hinge. (Image 3)
6. Upper hinge adjustment is made by rotating the wrench toward the lock side of the window. Maximum adjustment is obtained when the stud flats are parallel to the track.



Image 3

Note: maximum adjustment may cause binding as the window is closed. Please use caution.

7. Close and open window to check for proper adjustment.



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To Adjust the Sash for a Balanced Reveal:

1. First, fully open the window.
2. Next, slip the adjustment wrench onto the base of the stud, found between the support arm and the track of the lower hinge.
3. Adjust both the top and bottom studs in the same direction, to move the sash left or right, to adjust the side to side spacing (reveal) of the sash within the frame.
4. If frame is not square, adjust hinges in the same direction, but not proportionally, to ensure sash opens smoothly.
5. Close and open window to check for proper alignment.