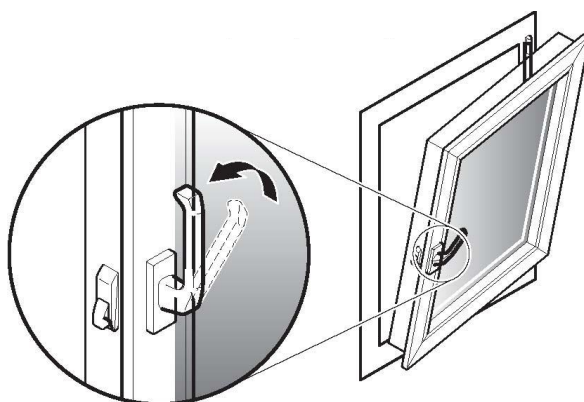


Why adjust stay arm locking tightness?

This instruction applies to dual action Tilt + Turn Windows and Tilt + Turn Doors. Use this adjustment only when flat head cam adjustments have not corrected a locking tightness problem.

If air leaks at the upper hinge you can increase the locking tightness of the stay arm by adjusting the stay arm cylinder cam. The stay arm is connected to the upper hinge.

Most dual action Tilt + Turn products Tilt open when the handle points straight up. The illustrations show this type of operation. Some dual action products Tilt open with the handle pointing to one side.



Tools Needed

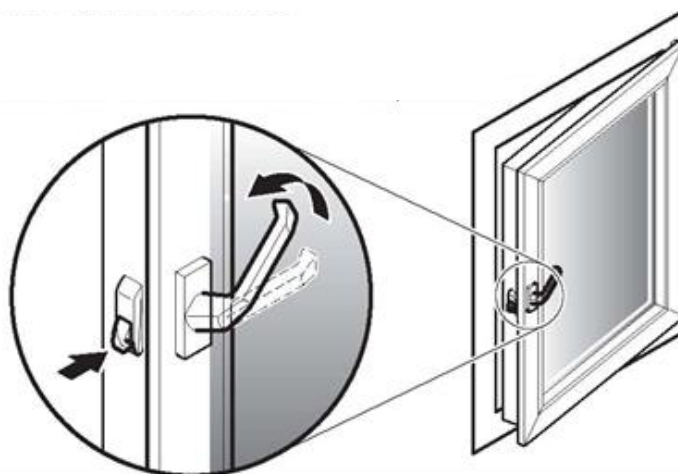
4 mm Hex Key



Open Sash in Hanging Position

First, open the sash (the operable part of the window or door) in a "hanging" position.

1. Open the sash to swing open to one side.
2. Press and hold the failsafe switch on the edge of the sash beside the handle then rotate the handle towards the Tilt position.

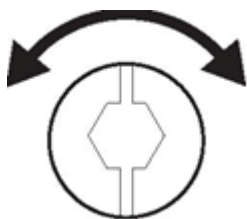


NOTE: If your window or door has Tilt before Turn (TBT) operation, the handle positions will be opposite from those shown in the diagrams above.

3. Pull the sash towards you so the top tilt and the sash swings to the side. You now have access to the underside of the stay arm that is connected to the upper hinge.



Adjust the Stay Arm Closing Tightness



Locate the cylinder cam on the underside of the stay arm. Cylinder cams are adjustable locking pins that engage when the handle is operated to open and close the sash.

If you look closely at the end of the cam you will see that the hexagonal socket is located off-center. When you adjust the cam it rotates about the socket. The cam also has an index groove stamped into it. Use the index groove to tell how much the cam moves with each adjustment.

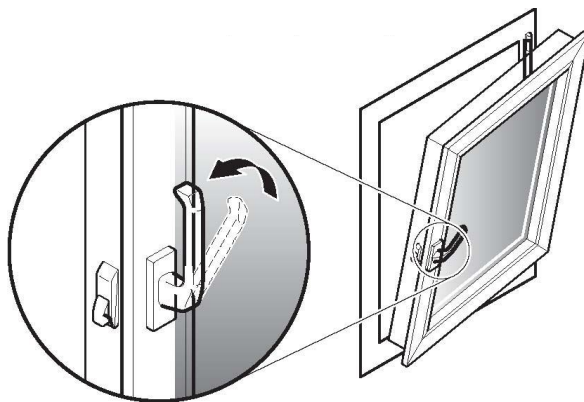
1. Insert the 4 mm hex key into the head of the cam.
2. Turn the fat side of the cam toward the room side to increase the locking tightness. Turn the fat side of the cam away from the room side to decrease the locking tightness.

NOTE: Turn the cam in 1/4 turn increments, then check the sash operation to make sure the adjustment does not make the sash difficult to lock.

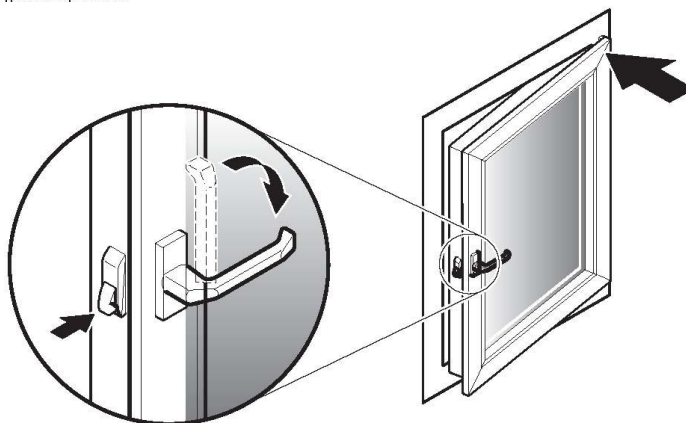
This adjustment moves the sash as much as 1 mm (1/32 in.) toward or 1 mm (1/32 in.) away from the frame.

Reset the Hung Sash

1. Turn the handle to the Tilt position



2. Gently push and hold the upper hinge corner of the sash against the frame while leaving the sash open.



3. Press and hold the failsafe switch then turn the handle to the Turn position.
4. Release the failsafe switch.

The window or door is now reset in the swing position and can be operated normally.