

PRODUCT TIPS

1. Make sure that screen stop fasteners do not interfere with the movement of the tie bar.
2. Application drawings show correct orientation of keepers to insure sequential lock-up.
3. When selecting mounting screws, coating compatibility is a very important criterion. For best corrosion resistance, the material and coating on the screws should be the same as the hardware.
4. We recommend that a snubber be used at the center of the hinge side on any casement window which tends to bow outwardly at the center in the closed position. Adding a snubber may increase the negative air pressure rating of the window.
5. For maximum strength, stainless-steel keepers are recommended.
6. When converting from AmesburyTruth's Mirage™ Lock System to the Encore Lock System, recertifying your window is not necessary.
7. Application of Encore Lock and Flange Keepers – Because of the self-locking features in the Encore Lock System, only one screw hole of the Lock Drive assembly needs to be premarket on the jamb. The locations of the Tie Bar Guides do not need to be pre-marked. The application steps are as follows:
 - A. Place the Lock Drive assembly in its locating kerf in the jamb and position it over the pre-marked hole. Screw it down.
 - B. Move the handle to the locked position. This is necessary to correctly locate the tie bar guides.
 - C. Place the hook end of the Tie Bar over the mating hook on the end of the Lock Drive and place the ribs on the bottom of the Tie Bar Guides into the tie bar locating kerf in the jamb.
 - D. Screw down the Tie Bar Guides.
 - E. The Tie Bar is indexed to the Tie Bar Guides with tear away tabs. Actuate the handle to break the tie bar loose so that it can freely slide.
 - F. Pre-drill all screw holes in the sash for the keepers.

G. Screw down the keeper. This is easiest if the lower screw (the one under the hook part of the keeper) is applied before the upper one.

8. Application of Encore Round Top Lock and Flange Keepers – Because of the self-locating features in the Encore Lock System, only one screw hole of the Lock Drive assembly needs to be pre-marked on the jamb. The locations of the Tie Bar Guides do not need to be pre-marked. The application steps are as follows:

A. Place the Lock Drive assembly in its locating kerf in the jamb and position it over the pre-marked hole. Screw it down.

B. Move the handle to the locked position. This is necessary to correctly locate the tie bar guides.

C. Measure or calculate the length of the Connecting Link that is needed (see fig. 12). Break the connecting link to achieve the required length.

D. Bend the Round top Tie Bar to match the radius of the round top window. If the radius of the round top Tie Bar does not closely match the radius of the window, the force to move the lock handle will increase.

E. Slide Round Top Tie Bar Guides F and G onto the Round Top Tie Bar between the roller and Connecting Link, being careful to orient them correctly.

F. Screw the Connecting Link to the ends of the straight and round top tie bars.

G. Place the hook end of the straight Tie Bar over the mating hook on the end of the Lock Drive and place the ribs on the bottom of the Tie Bar Guides into the tie bar locating kerf in the jamb.

H. Screw down the straight Tie Bar Guides.

I. Slide Round Top Tie Bar Guide F into contact with the end of the Connecting Link and screw it down.

J. The Tie Bar is indexed to the Tie Bar Guides with tear away tabs. Actuate the handle to break the tie bar loose so that it can freely slide and then move the lock handle to the unlocked position.

K. Slide Round Top Tie Bar Guide G against the roller and screw it down.

L. Slide Round Top Tie Bar Guide H onto the top end of the Round Top Tie Bar. Position the guide flush with the end of the bar and screw it down.

M. Pre-drill all screw holes in the straight portion of the sash for the keepers.

N. Move the handle to the locked position and mark the screw holes for the keeper.

O. Screw down the keepers. This is easiest if the lower screw (the one under the hook part of the keeper) is applied before the upper one

ARCHITECT SPECS

Window locking system shall be included which will increase both security and weather seal tightness. The locking points must hold securely for negative air pressure and forced entry resistance. The lock must incorporate a multi-point locking feature that sequentially locks the window from bottom to top. The lock must provide for a removable handle and escutcheon for ease in color changes and/or for ease in painting or staining the window. The lock shall incorporate a construction handle to allow operation of the window prior to finished hardware being applied. The locking drive and tie bar system shall be constructed of stamped steel protected with E-Gard® and high-quality engineered plastics. Window locks shall be Encore series.