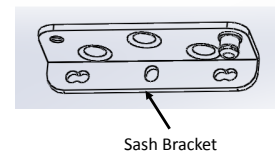
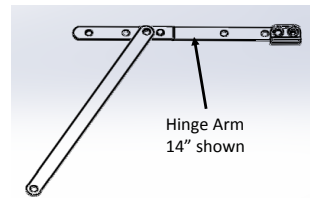
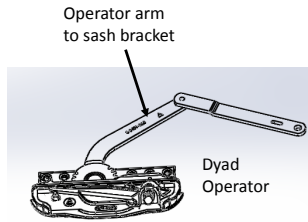
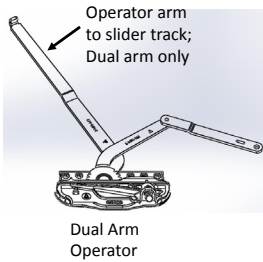


The following are instruction for replacing sash in the field.



NOTE: For top hinge (awning) and bottom hinge (hoppers) windows, the hinges will be on the sides of the sash and must also be reused when on a new replacement sash.

1. Open the sash approximately 30 degrees. Using a flathead screw driver, remove the operator arm from the sash bracket (Fig. 1 &2). On windows wider than 24", you will need to remove operator arm from slider track (Figure 3).
2. The sash can now be opened by hand without using the crank handle. On larger windows, a helper is recommended to help hold the sash in place.
3. Before performing this step, ensure that sash is held securely. Using a flathead screwdriver, remove the upper and lower hinge arms from the top and bottom of the sash by detaching them from the brass stud on the hinge tracks. (Figure 4) Rotate the hinge arms out of the way.
4. Being careful not to lose grip of sash, remove it by sliding the sash towards the brass studs and releasing the black sliders from the hinge track. Bring sash inside and place on a flat working surface.
5. Remove the hinge arms from the top and bottom of the existing sash by removing the 4 screws. NOTE: Hinge arms for the top and bottom are not the same, reinstall them on the new sash in the same position as they were in on the old sash.
6. Reinstall the original hinge arms on the top and bottom of the new sash using the original screws as noted in previous step. Use the pre-punched dimples on the new sash and the alignment locator stud on the hinge to properly position the hinge arm on the new sash. (Figure 5)
7. Being careful not to lose grip of the sash, reinstall it by sliding the black sliders into the hinge tracks. Do no let go of the sash until you verify that both black sliders are fully seated.
8. Reattach both hinge arms to brass stud. Reattach operator arm to sash bracket. (figure 4)
On some models, you will need to secure them with the metal slider retainer.
9. Reattach operator arm(s) to sash bracket and if applicable, slider track and ensure that the window is functional through full range of motion. (Figure 2 & 3)

