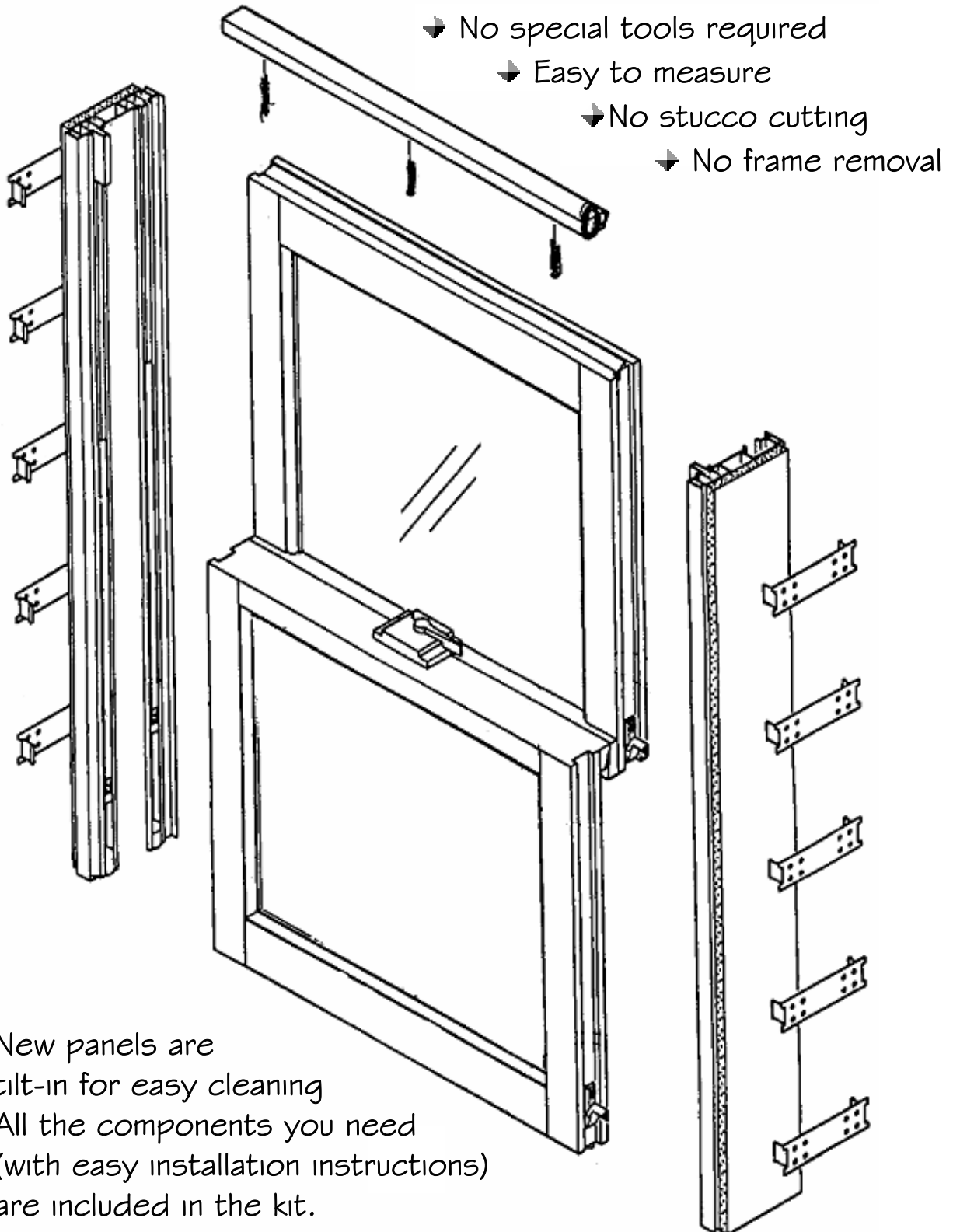


# Wood Sash Replacement Kit

Economical and Easy to install . . . change your old wood double hung sash into a beautiful new energy efficient window.



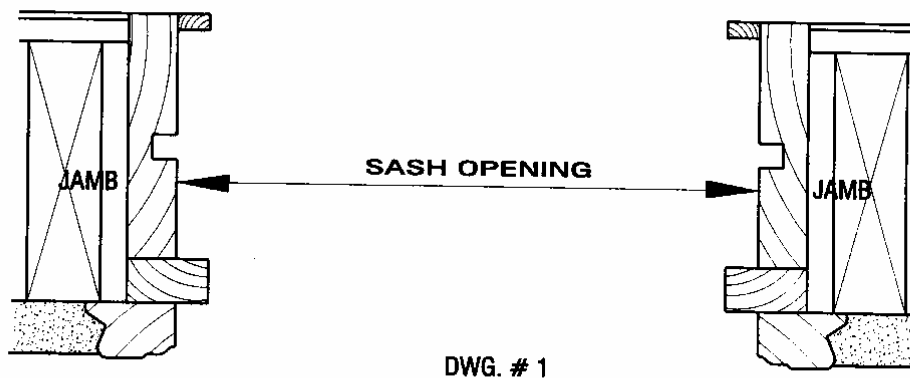
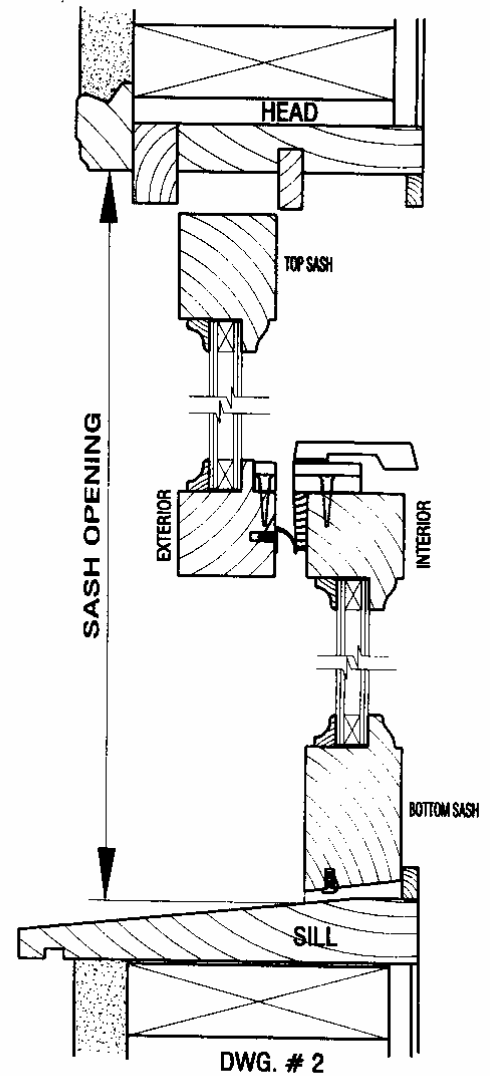
# REPLACEMENT DOUBLE HUNG SASH KITS (TILT PACKS)

Change your old wood windows into new beautiful double hung windows. Here are some simple steps to follow to measure for your replacement kit:

## MEASURING INSTRUCTIONS

1. **WIDTH:** To measure the width of the inside window frame, extend the tape from jamb to jamb (see drawing #1 below).
2. **HEIGHT:** To measure the height of the window frame, extend the tape from the top of the jamb down to the point where the outside of the bottom sash meets the sill (see drawing #2 on the right).
3. **ANGLE:** Check the sill angle. Any angle is available. JT Windows, Inc. standard angle is 8 degrees. Use an inside meter gauge or carpenter's protractor on sill to determine the angle.
4. Sash may need to be trimmed or planed slightly for proper fit.

**\*IMPORTANT:** When ordering, specify width first, then height.



## REMOVAL OF EXISTING SASH (VIEWED FROM INTERIOR)

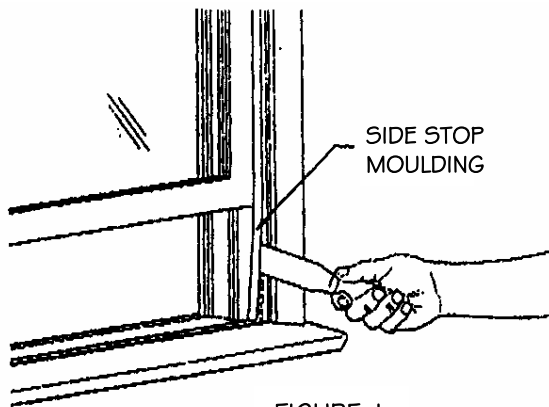


FIGURE 1

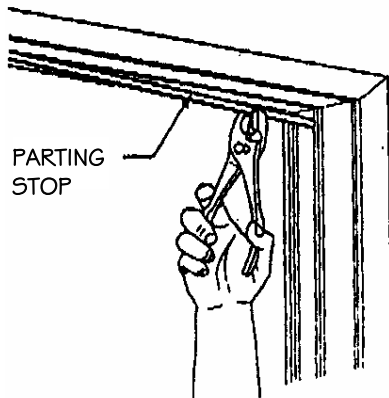


FIGURE 2

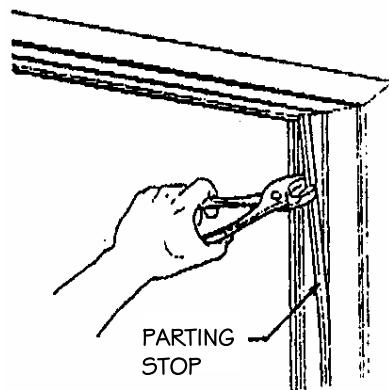


FIGURE 3

1. Remove interior, side stop moulding from window jambs using a putty knife. Do not damage this trim, as it will be reused. See Figure 1.
2. Bottom sash can now be removed. If window has old pulley type sash weights, cut cord before sash removal.\*
3. Slide top sash to sill and pull parting stop out from center of window head. See Figure 2.
4. Continue removing parting stops from both jambs. See Figure 3.
5. Top sash can now be removed.

NOTE: Before continuing check existing frame to make sure it is square and the jambs are not bowed. Also remeasure sash opening to make sure proper sized was ordered.

**\*CAUTION:** Cord must be held firmly with pliers prior to cutting, then slowly release cord into jamb to avoid backlash.

## PREPARING EXISTING FRAME (VIEWED FROM INTERIOR)

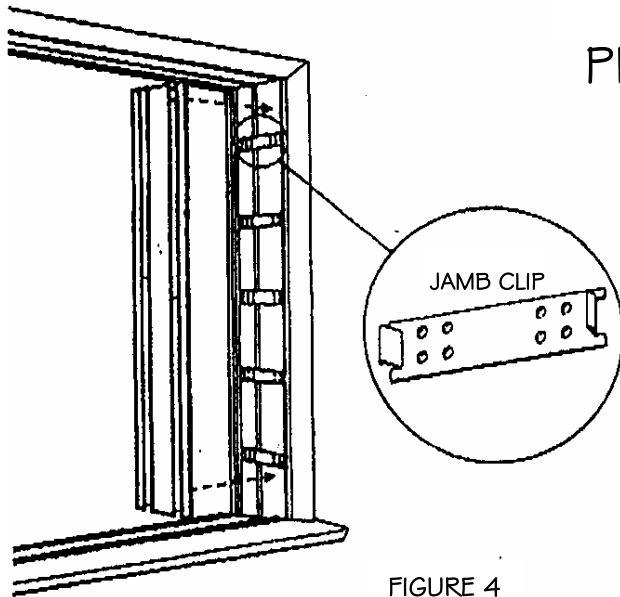


FIGURE 4

6. Position jamb clips and attach with small nails as follows: (1) 4" from sill at both sides, (1) 4" from head at both sides, remainder to be installed equal distance apart. Each sash kit will contain the proper amount of clips for its sash size. See Figure 4.

NOTE: Jambliners need to be cut at the sill end to match the slope of your sill.

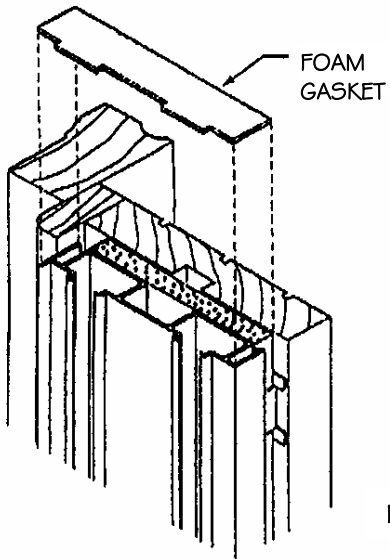


FIGURE 5

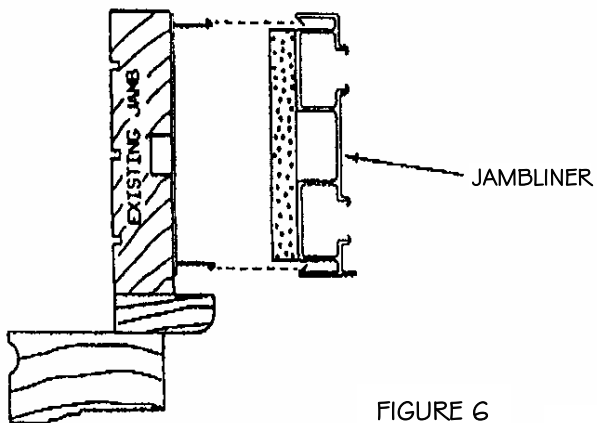


FIGURE 6

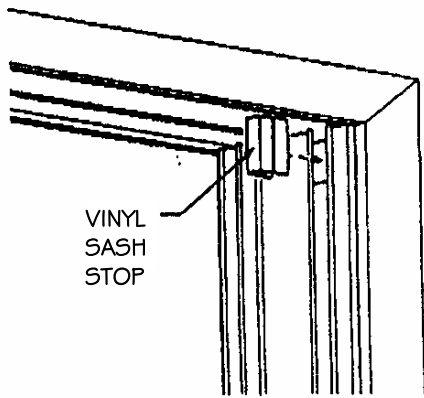


FIGURE 7

8. Install vinyl sash stops as follows: One on each side in the interior track at the top of each jambliner. See Figure 7.
9. Using a flat tip screwdriver, pull down the 4 spring-loaded camlocks (located in the jambliners) approximately 8 to 10 inches from the sill. Re-engage the locked position by rolling the screwdriver clockwise on the right jamb and counterclockwise on the left jamb. See Figure 8.

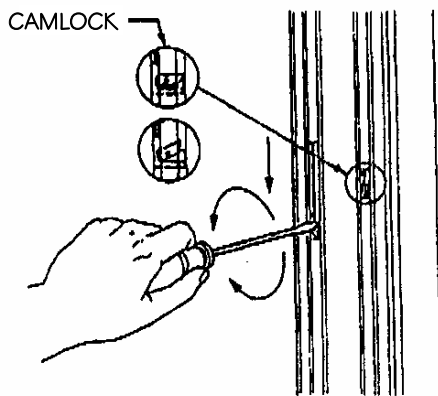


FIGURE 8

## SASH INSTALLATION (VIEWED FROM INTERIOR)

7. Install the top sash first. Holding the right side slightly lower than the left, insert the right campivot into the exterior track. **Make sure campivot is above the camlock assembly.** See Figures 9 and 10.

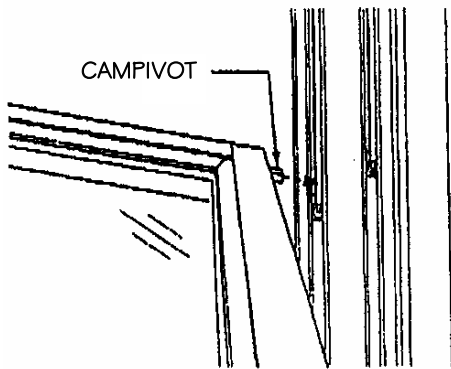


FIGURE 9

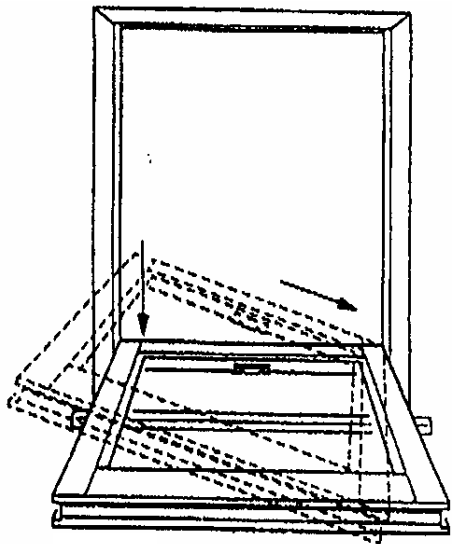


FIGURE 10

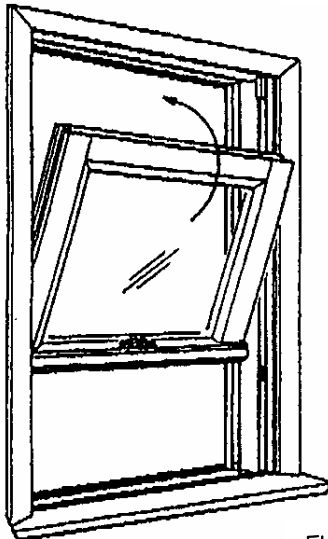


FIGURE 11

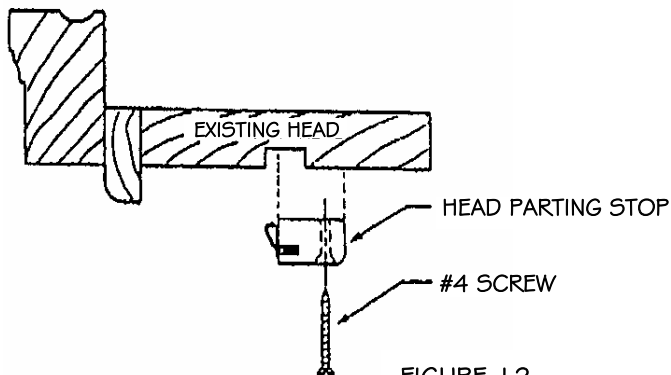


FIGURE 12

10. Lower left side of the sash with the campivot falling into the opposing track on the left. Lower until front edge of sash is level. See Figure 10.
11. Swing sash up into place. Depressing the jambliner will help ease the sash into place. See Figure 11.
12. After sash is in place slide it toward the sill until it releases the camlock assembly. Sash should now be tensioned by the springs.
13. Installing the bottom sash. Follow steps 8 through 11, this time using the interior track.
14. Installing the head parting stop. With top sash in closed position **gently** hold parting stop (weatherstrip toward sash) against sash at the head. With a pencil, mark the location of the parting stop. See Figure 12.

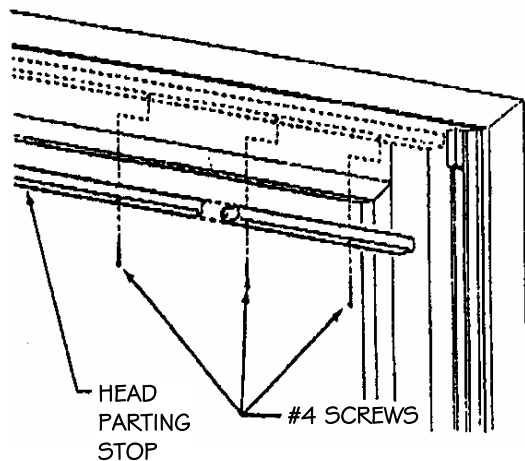


FIGURE 13

15. With the sash in the open position, move the parting stop 1/8" toward the exterior from its previously marked position, and fasten in place using the #4 screws provided. See Figure 13.
16. Replace interior sash stop moulding at jambs as needed.
17. Check tilt operation by depressing jambliners, swing out sash and make sure it clears replaced moulding.

**CAUTION:**

Do not allow chemicals, solvents, paints or any petroleum based products to come in contact with vinyl jambliners or any other vinyl components contained in this replacement kit.

18. Finish primed or bare wood surfaces immediately following installation.