T.M.COBB
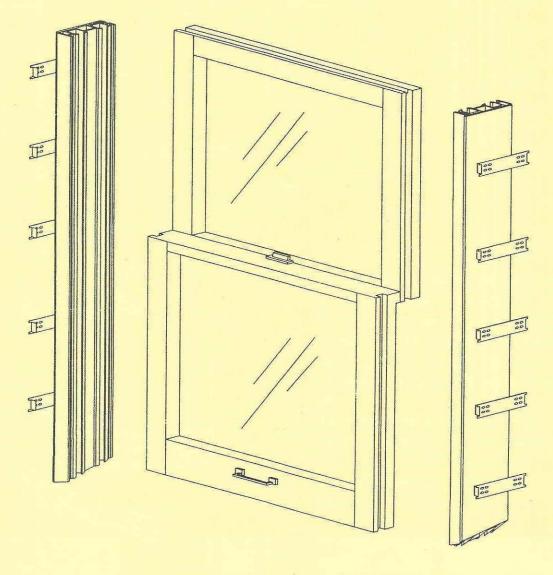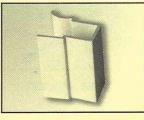# REPLACEMENT TYCO TILT-PACK SYSTEM

Measuring and Installing

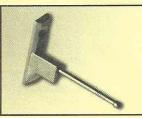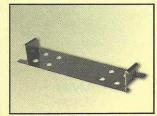**JAMB LINER**
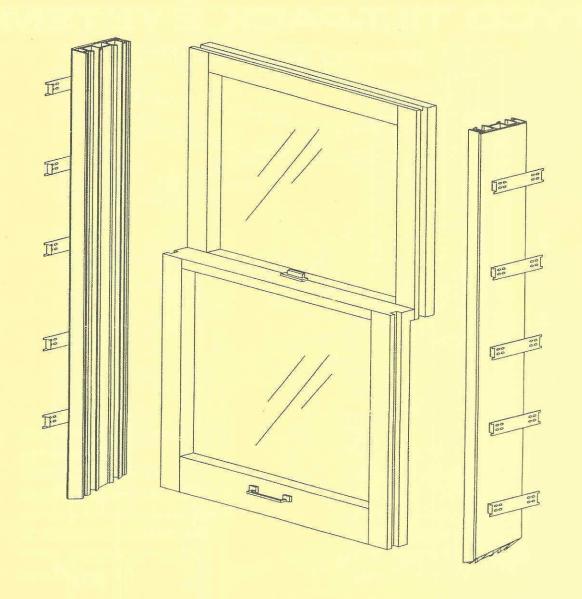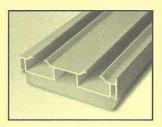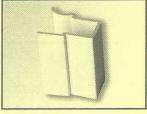
VINYL SASH STOP

CAM PIVOT (Installed)

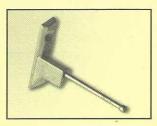**METAL JAMB LINER BRACKET**

COMPONENT PARTS

JAMB LINER

VINYL SASH STOP
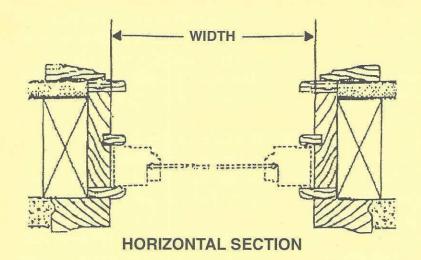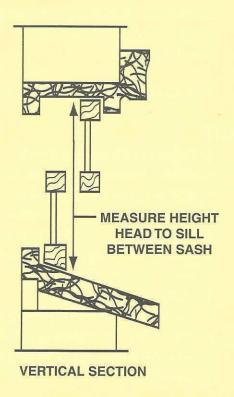
CAM PIVOT (Installed)

METAL JAMB CLIPS FOR VINYL CAPS

HOW TO MEASURE
AND ORDER

WIDTH

HORIZONTAL SECTION

MEASURE HEIGHT
HEAD TO SILL
BETWEEN SASH

VERTICAL SECTION
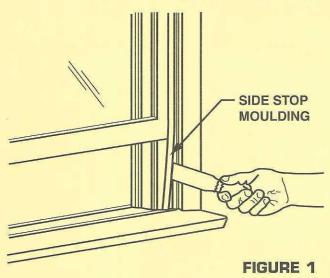
1. **To measure the width** extend a tape inside the window frame from jamb to jamb as shown in "Horizontal Section." At 3 points: top, bottom & center, using the smallest size.

2. **To measure height** extend a tape between the two sash to where it hits the sill of the window as shown in vertical section.

3. **When ordering** always indicate the width first, then height.

HOW TO INSTALL
1. REMOVAL OF EXISTING SASH
(Viewed from Interior)

SIDE STOP
MOULDING

FIGURE 1

PARTING
BEAD

FIGURE 2

PARTING
BEAD

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 weight, cut cord before sash removal. *

3. Slide top sash to sill and pull parting bead out from center of window head. See Figure 2.

4. Continue removing parting bead 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 size was ordered.

*CAUTION:
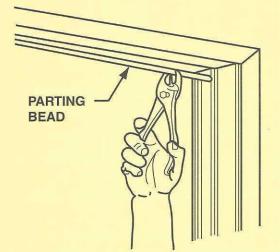Cord must be held firmly with pliers prior to cutting, then slowly release cord into jamb to avoid backlash.
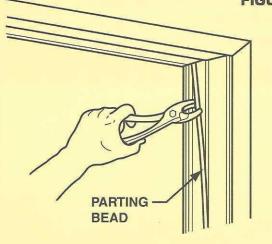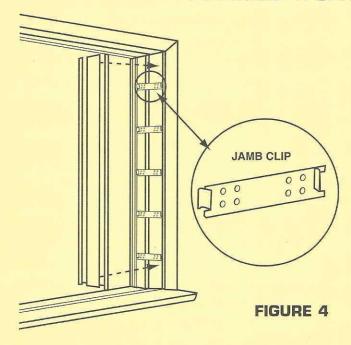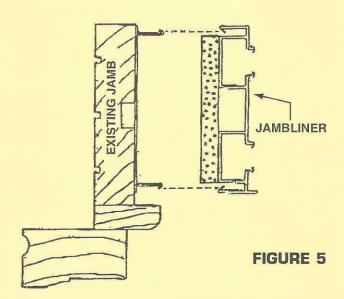
2. PREPARING EXISTING FRAME
(Viewed from Interior)

JAMB CLIP

FIGURE 4

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

7. Place jamb liner against jamb clips and snap into place. See Figure 5.

EXISTING JAMB

JAMBLINER

FIGURE 5

3. SASH INSTALLATION
(Viewed from Interior)

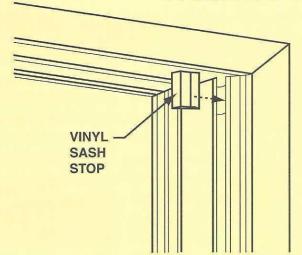VINYL
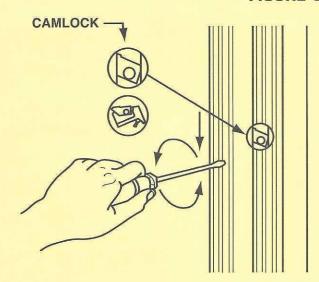SASH
STOP

FIGURE 6

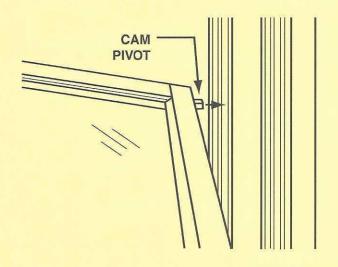CAMLOCK

FIGURE 7

CAM
PIVOT

FIGURE 8

8. Install vinyl sash stops as follows:
    One on each side in the interior track at the top of each jambliner. See Figure 6.

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 counter-clockwise on the left jamb, See Figure 7.

10. 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 locking terminal assembly.* See Figure 8 and 9.
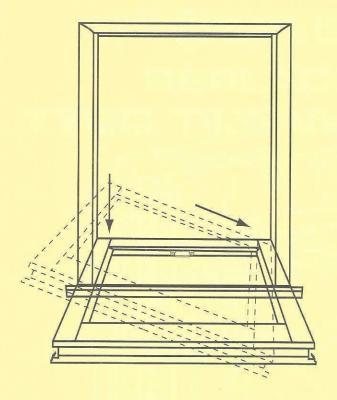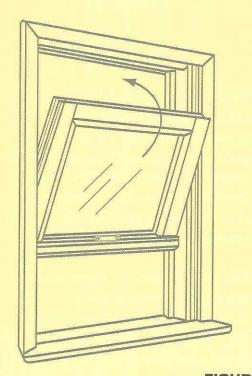
FIGURE 9
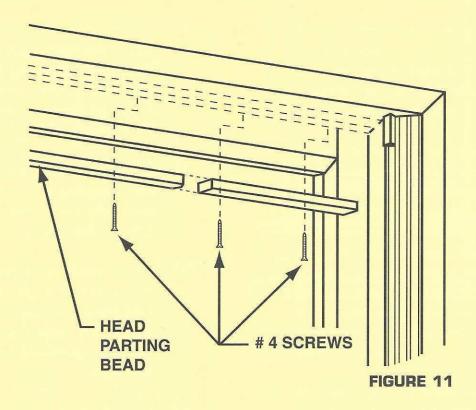
FIGURE 10

11. 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 9.

12. Swing sash up into place. Depressing the jambliner will help ease the sash into place. See Figure 10.

13. After sash is in place slide it toward the sill until it releases the camlock assembly. Sash should now be tensioned by the springs.

14. Installing the bottom sash. Follow steps 10 through 13, this time using the interior track.

HEAD PARTING BEAD

 # 4 SCREWS

FIGURE 11

15. ***Re-install the head
    parting bead.***
    With top sash in
    closed position *gently* hold
    parting stop against sash
    at the head. Install with
    wood screws or nails.
    See Figure 11.

16. Replace interior sash stop
    moulding at jambs as
    needed.

17. Check tilt operation by
    depressing jambliner, swing
    in 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.
    Do not finish sash edges
    that run along the liners.