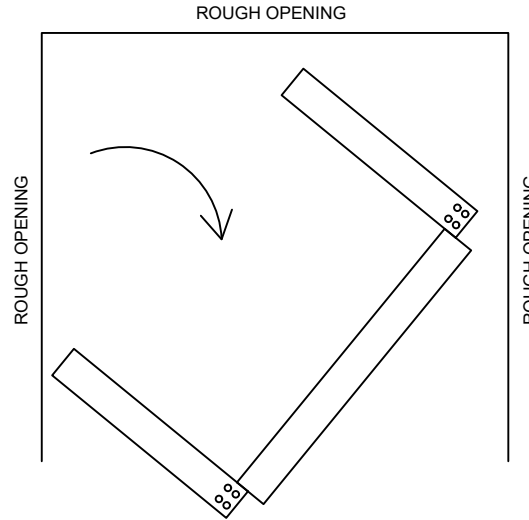
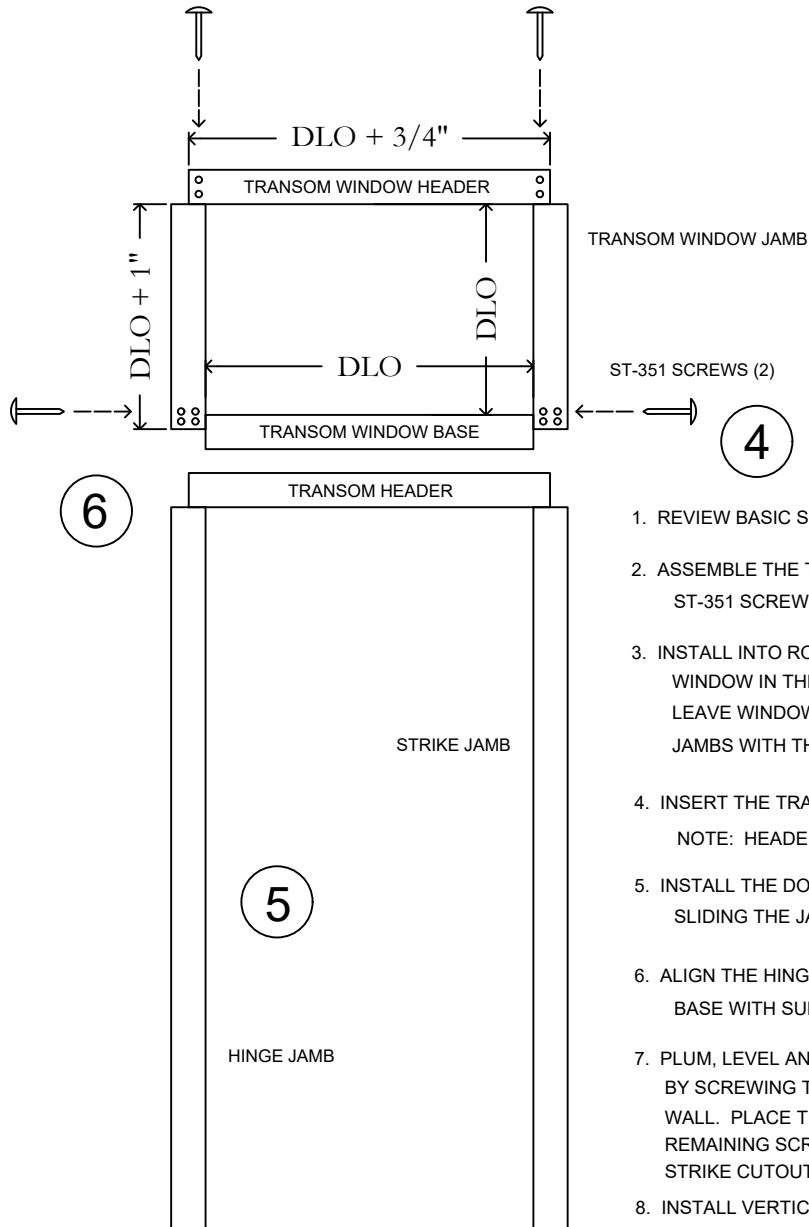




# SOLUTIONS Transom Door Frame Cutting Formulas

## Drywall on all sides with screw spline assembly



### ROUGH OPENING FORMULA

$$RO \text{ WIDTH} = \text{DOOR OPENING WIDTH} + 1-1/2"$$

$$RO \text{ HEIGHT} = \text{DOOR OPENING HEIGHT} + \text{TRANSOM HEADER PROFILE} + \text{TRANSOM DAYLIGHT OPENING} + 3/4"$$

1. REVIEW BASIC SINGLE FRAME INSTALLATION INSTRUCTIONS.
2. ASSEMBLE THE TRANSOM WINDOW BASE TO THE 2 VERTICAL JAMBS AS SHOWN ABOVE USING THE ST-351 SCREWS SUPPLIED.
3. INSTALL INTO ROUGH OPENING BY TURNING PRE-ASSEMBLED WINDOW AT 45 DEGREE ANGLE AND THEN TURNING WINDOW IN THE ROUGH OPENING BACK TO SQUARE. (SEE DIAGRAM ABOVE). LEAVE WINDOW LOW ENOUGH ON WALL TO INSTALL HEADER. INSTALL THE HEADER TO THE TWO VERTICAL GLASS JAMBS WITH THE ST-351 SCREWS. SLIDE TRANSOM WINDOW UP INTO POSITION ON WALL.
4. INSERT THE TRANSOM DOOR FRAME HEADER INTO BOTTOM OF THE TRANSOM WINDOW BASE.  
NOTE: HEADER MUST BE INSTALLED WITH DOOR STOP FACING CORRECT FOR HANDING OF DOOR.
5. INSTALL THE DOOR FRAME HINGE AND STRIKE JAMBS BY INSERTING THE TABS INTO THE HEADER SLOTS AND THEN SLIDING THE JAMBS OVER THE WALL.
6. ALIGN THE HINGE JAMB WITH THE TRANSOM WINDOW GLASS JAMB AND SCREW FRAME HEADER INTO TRANSOM BASE WITH SUPPLIED SELF TAPPING SCREWS.
7. PLUM, LEVEL AND SQUARE THE OPENING ON THE WALL AND SCREW TRANSOM WINDOW AND FRAME JAMBS TO THE WALL. ATTACH TO DRYWALL BY SCREWING THRU THE SIDES OF THE FRAME WITH DRYWALL SCREWS (BY OTHERS) THAT ARE LONG ENOUGH TO ENGAGE THE C-STUD IN THE WALL. PLACE THE FIRST SCREW WITHIN 3" OF THE TOP OF THE FRAME AND THE BOTTOM SCREW WITHIN 2" OF THE OF THE FRAME. SPACE REMAINING SCREWS EVERY 9-12" APART. NOTE - AT EACH HINGE AND STRIKE CUTOUT PLACE A SCREW JUST ABOVE AND BELOW THE HINGE & STRIKE CUTOUT AT EACH LOCATION. SCREWS WILL BE COVERED ONCE TRIM IS INSTALLED.
8. INSTALL VERTICAL TRIM, THEN INSTALL HORIZONTAL TRIMS.  
NOTE: MAKE SURE VERTICAL TRIMS ALIGN TO TOP OF HORIZONTAL TRIMS,