

4-POST STYLE "B" TOWERS

BUILDING TOWER FROM THE GROUND UP

GUIDE RODS & WOOD PUMP POLE

Attach the shorter guide rod to Girt #3 and the longer guide rod to Girt #5, as described below.

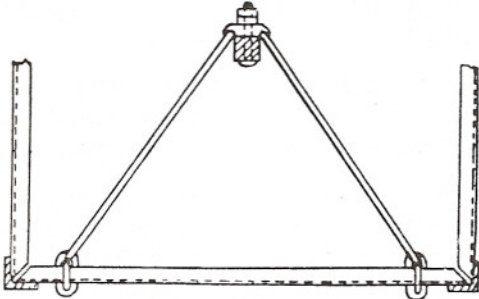


FIGURE 10

GUIDE RODS, USED ON #3 & #5 GIRTS
(Assembly viewed from above)

NOTE:

For long strokes (8 in. or more), the upper 20 foot guide rods (Girt #3) should be left off, as they give too much oscillation to the wood pump pole.

Bolt the hinge casting to the underside of girt with hook bolt and adjust along girt so pump pole will be in center of tower. Bolt guide rods to pump pole so they will be in a horizontal position when mill is in center of stroke. Bore hole through wood pole and install a 5/16" X 2-3/4" or 3-1/2" carriage bolt through the steel plate and pump rod casting, with the ends of the guide rods placed in the two grooves. Secure with two nuts, locked together tightly.

All items illustrated at right are furnished with the Tower Assembly, except the Pump Rod Assembly, Pump Connection and Adapter — they are supplied with the Windmill Engine assembly.

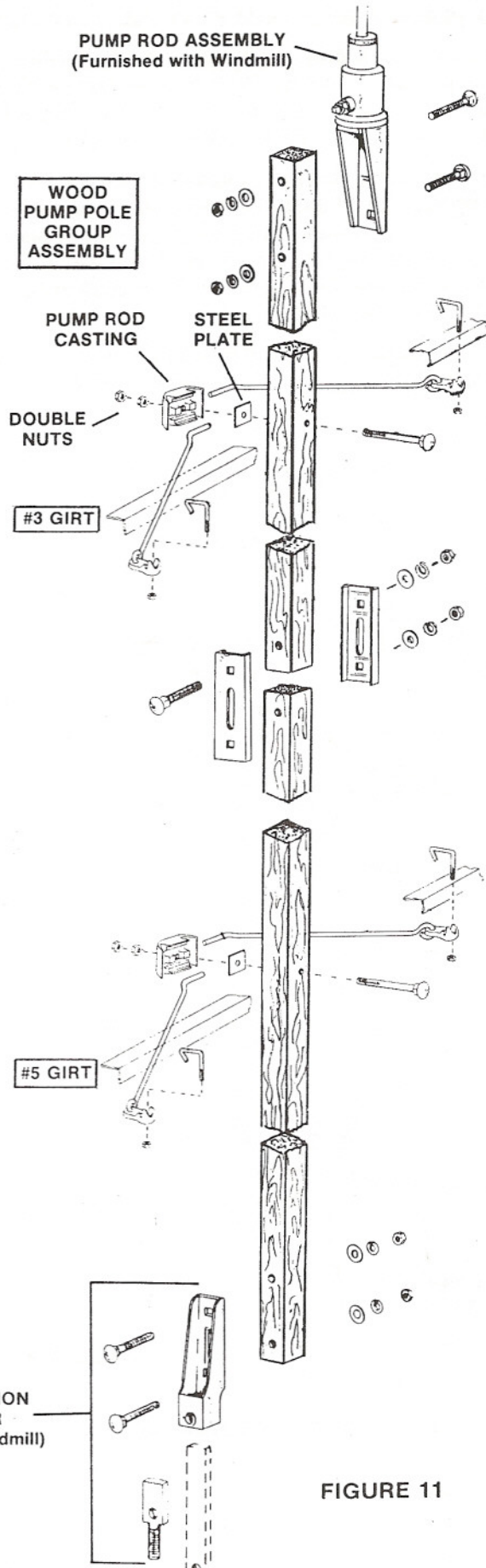


FIGURE 11