

DRIVE SPINDLE & HUB INSTALLATION PIB 7242

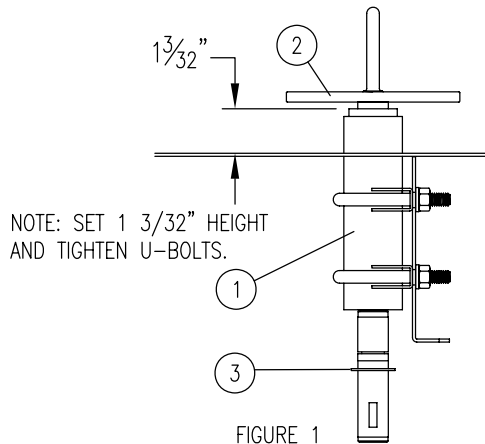


FIGURE 1

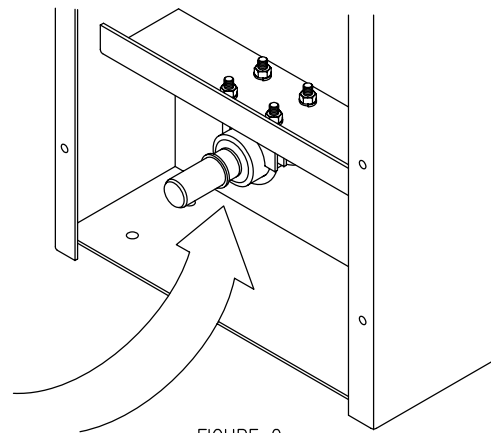


FIGURE 2

1. REMOVE THE TABLE BOTTOM COVER AND LOOSEN THE DRIVE MOTOR MOUNTING CAP SCREWS. REMOVE THE DRIVE SHEAVE AND BELT. REMOVE THE ORIGINAL DRIVE HUB ASSEMBLY FROM THE TABLE SHELL.
2. INSTALL THE NEW TABLE DRIVE HUB (1) IN THE SHELL U-BOLTS. ADJUST THE HEIGHT AS SHOWN IN FIGURE 1.
3. INSTALL THE NEW TABLE DRIVE SPINDLE ASSEMBLY (2) IN THE NEW HUB AND INSTALL THE SNAP RING (3) ON THE SHAFT BELOW THE GROOVE AS SHOWN IN FIGURES 1 AND 2.
4. INSTALL THE TABLE DRIVE BELT (4) ON THE TABLE SHEAVE (5) AND PLACE THE BELT IN THE GROOVE IN THE MOTOR HUB. MAKE SURE THE SNAP RING IS BELOW THE GROOVE IN THE SPINDLE. PULL THE SPINDLE INTO THE DRIVE HUB UNTIL THE SHEAVE CAN BE INSTALLED ON THE SPINDLE ASY (SEE FIGURE 3).
5. SLIDE THE SHAFT BACK INTO PLACE AS YOU SLIDE THE SHEAVE ONTO THE SHAFT UNTIL THE WOODRUFF KEY #9 (6) CAN BE INSTALLED. MOVE THE SNAP RING INTO THE GROOVE IN THE SPINDLE.
6. HOLD THE SPINDLE DOWN AGAINST THE HUB AND MOVE THE SHEAVE ON THE SHAFT UNTIL THE CENTER OF THE DRIVE SHEAVE IS APPROXIMATELY 1" FROM THE SURFACE OF THE DRIVE MOTOR (SEE FIGURE 4). TIGHTEN THE SET SCREW IN THE SHEAVE ON THE SPINDLE. ROTATE THE SHEAVE WITH YOUR FINGER.
7. USE A LEVERAGE BOARD TO MOVE THE MOTOR UP UNTIL THE DRIVE BELT IS TAUT (SEE FIGURE 3). TIGHTEN THE CAP SCREWS TO SECURE THE MOTOR IN THIS POSITION. WHEN PROPERLY TIGHTENED, YOU SHOULD BE ABLE TO DEFLECT THE BELT $\frac{1}{4}$ " USING ONLY FINGER PRESSURE (SEE FIGURE 5). DO NOT OVER TIGHTEN. ROTATE THE SHEAVE WITH YOUR FINGER. IF THE SHEAVE ROTATES WITHOUT DRAG, TENSION IS SUFFICIENT.
8. REINSTALL THE BOTTOM COVER.

