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| **Summary** | Spiral Guide Pulley Assembly Adjustment | | | | |
| **Products Affected** | Spiral SST L/R, SST S/R, STT L/R, STT S/R, SST HZ, SST US | | | | |
| **Key Word Tags** | Pulley, Belt, Adjustment, Level | | | | |
| **Tools/Equipment (If Required)** | Metric Wrenches | | | | |
| **Parts/Materials (If Required)** | PULLEY ASSY,TOOTH BELT,SST-L/R R237804Z1<br>OR<br>PULLEY ASSY,TOOTH BELT,SST-S/R R238803Z1<br>NUT,M8-1.25 HEX,DIN 934-8 ZN R01270050<br>HHCS,M8-1.25X40,DIN 933-8.8 ZN R01260286 | | | | |
| **Related Media** | | | | | |
| **Author** | Seth Bergerud, RevA M. Burzlaff | **Issue Date** | 11/30/2005 | **Status** | Active |

## Please Read The Entire Bulletin Before Proceeding

Open the door to 2-3' from the floor.

**⚠ WARNING**

The disconnect must be in the OFF position and properly locked and tagged before performing the next step of the procedure.

To ensure that the secondary drive belt runs smoothly, and to maximize the life of the belt and efficiency of the door, it is important to verify that the belt idler pulley is level. The idler pulley assembly is located at the bottom of each spiral door side column. (See Figure 1).

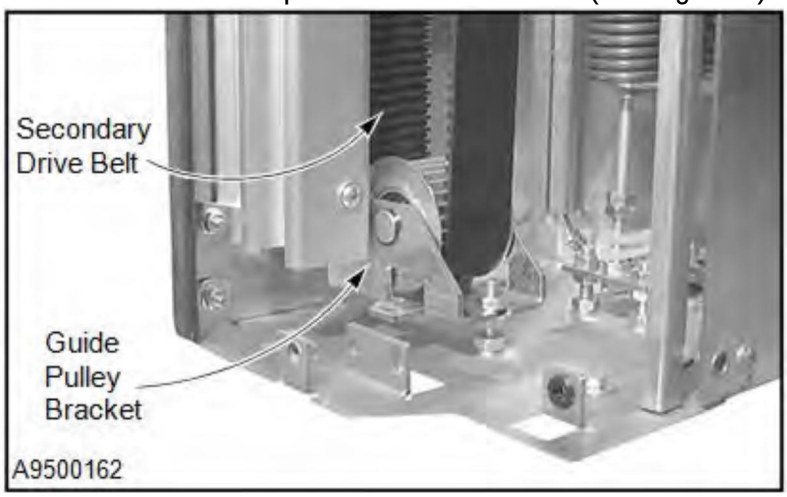


Figure 1

- If the base plate of the side column is uneven due to shimming or an uneven mounting surface, the idler pulley assembly may need to be leveled using the M8x40 bolts and M8 nuts provided in the small parts box. If the original bolts are not present, 3/8" nuts and bolts may also be used. Figure 2 shows how these bolts and nuts must be installed on the idler pulley assembly.

- The guide pulley assembly contains a tab on either side. One bolt and two nuts should be used on each side of the pulley to level and lock in place. One nut should be above the flange and one should be below.

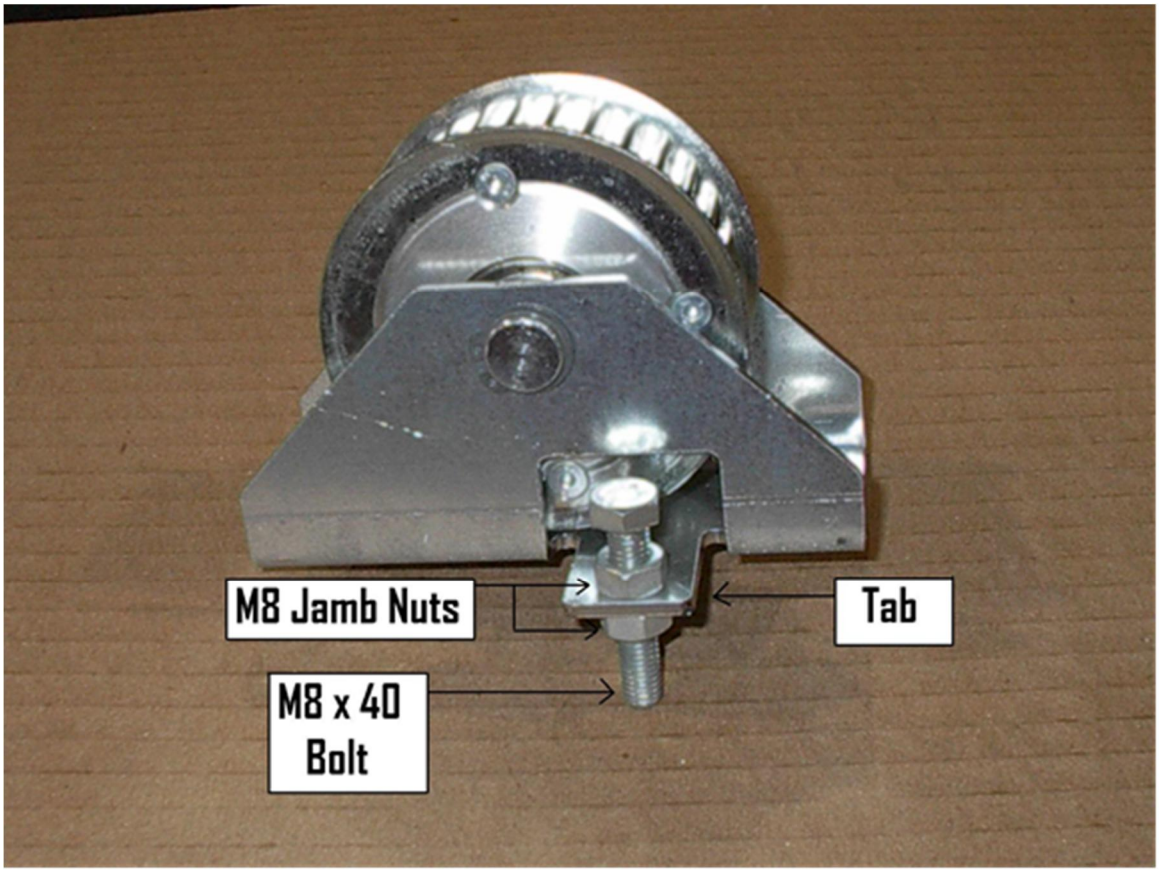


Figure 2

- Thread the M8x40 bolt on the low side of the assembly through the jamb nuts until it is tight against the bottom plate. Use a wrench to tighten the bolt until the assembly is level.

- Once the assembly has been leveled, thread the bolt through the jamb nuts and flange until it is tight against the bottom plate to lock the assembly in position. Be careful not to over tighten the second bolt and push the assembly back out of level.

- If necessary, repeat this procedure in the second side column.

- Restore power to the controller and test the operation of the door for belt tracking. If necessary, lock out and tag out the power supply and adjust accordingly.

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.