

2-Strand Chain Maintenance & Service

This section will describe service procedures for major mechanical elements of your system.

⚠ WARNING ⚠

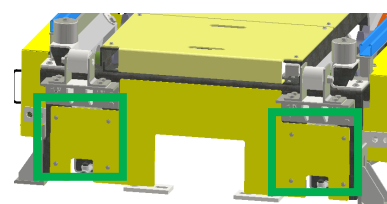
Only qualified and trained personnel should perform the disassembly and assembly of electrical and mechanical components.

Chain Tension Adjustment

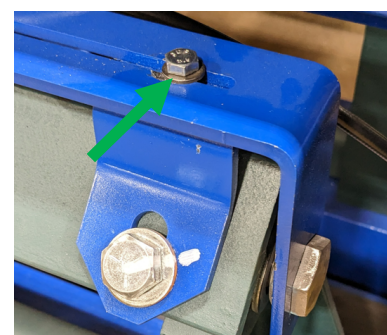
- 1 Remove and lock out power to the 2-Strand Chain conveyor using your plant's procedures.



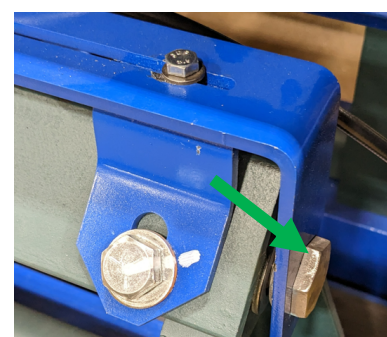
- 2 Remove M6 bolts (7) securing the end cover plate.



- 3 Loosen the M6 bolt to free the adjustment screw on both take-up bearing frames.

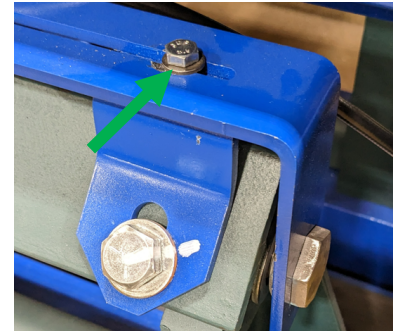


- 4 Turn the adjustment screws on both take-up bearing frames to move the sprocket until the tension is properly adjusted.

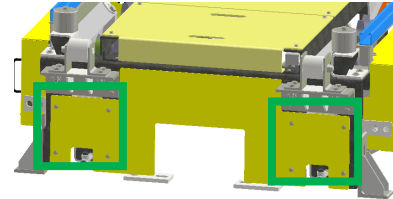


5

Tighten the M6 bolt to set the adjustment screw on both take-up bearing frames.

**6**

Return the end cover plate and tighten the M6 bolts (8).

**7**

Complete restore power procedure and verify proper function.

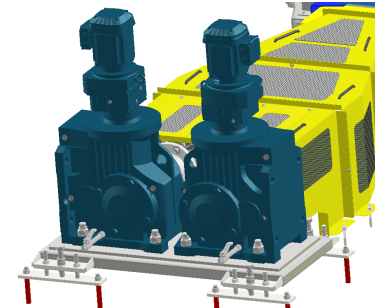


Switching Main to Standby Gearmotor

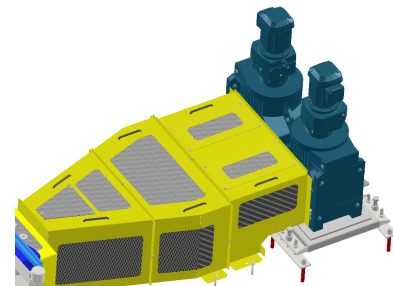
- 1 Remove and lock out power to the 2-Strand Chain conveyor using your plant's procedures.



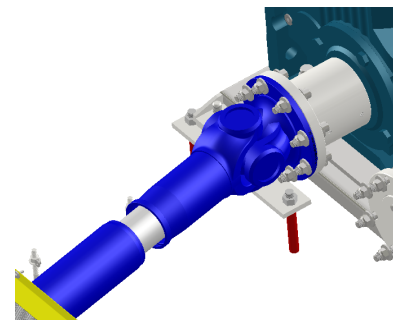
- 2 Manually release the brake on the main gearmotor to release any tension from the chains.



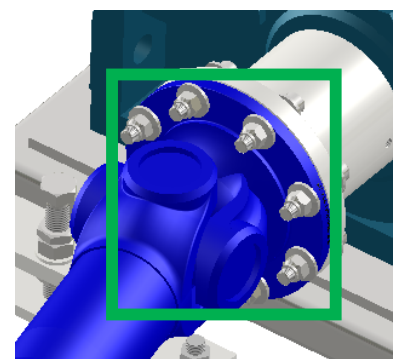
- 3 Undo the hex heads and remove the guards covering the cardan shaft.



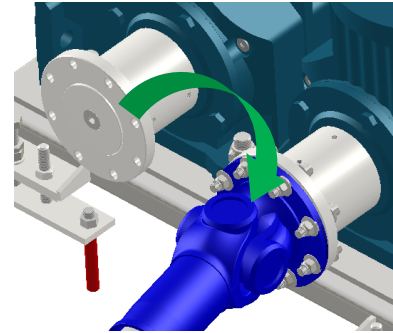
- 4 Loosen the set screw in the cardan shaft at the gearmotor end.



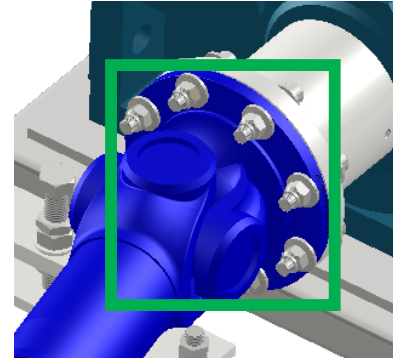
- 5 Undo the M16 bolts (8) holding the cardan shaft onto the companion flange at the main gearmotor



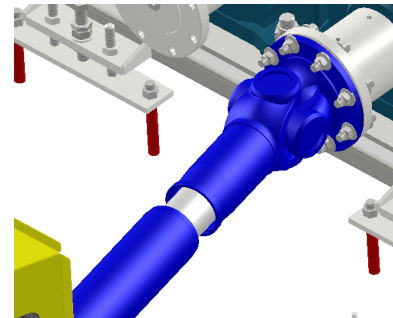
- 6 Remove the cardan shaft from the main gearmotor and attach to the standby gearmotor finger tight.



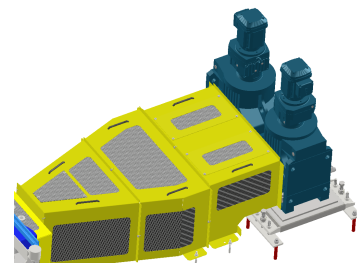
- 7 Tighten the M16 bolts (8) to 219 Nm and secure the cardan shaft to the companion flange.



- 8 Tighten the setscrew on the cardan shaft.



- 9 Return any removed guards.



Restore power to the conveyor.

- 10 Make any changes necessary at the HMI to inform the system controller that you switched to the standby motor.

Verify proper function of the chain conveyor.

