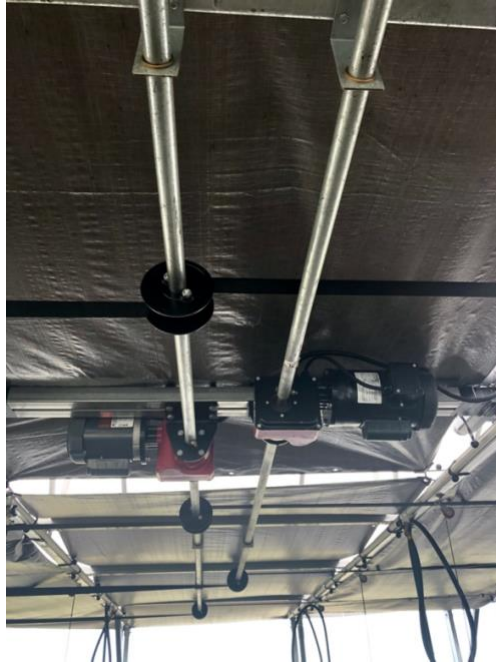


Installation Instructions for Pipe and Belt Drum Line Lifting System



The DuraDrive G3 650 Dual Shaft has two holes in each shaft at right angles. Bolts must be tightened on the pipe in each of those holes to hold the torque of this drive. There is a sleeve that goes over the 25 mm shafts so that the 1-inch ID of the pipe fits snugly. On one side of the gear the holes are far apart and require two sleeves. The other side, where the holes are closer together, only requires one sleeve. The pipe bolts are 3/8-inch grade 8.



The inside of the pipe needs to have the rough edges and points filed off with a rat-tail file before installing it onto the shaft. Make a 3/8-inch dowel 1 inch long from a 3/8 bolt to hold the sleeve in place while sliding the pipe over it. Use a little WD40 inside the pipe so it slips more easily over the sleeve.

When drilling the 3/8-inch holes in the pipe to mount onto the drive-shafts, drill a hole through the first side of the pipe, then put the pipe on the end of the shaft to act as a jig to get the second hole properly centered in the pipe.

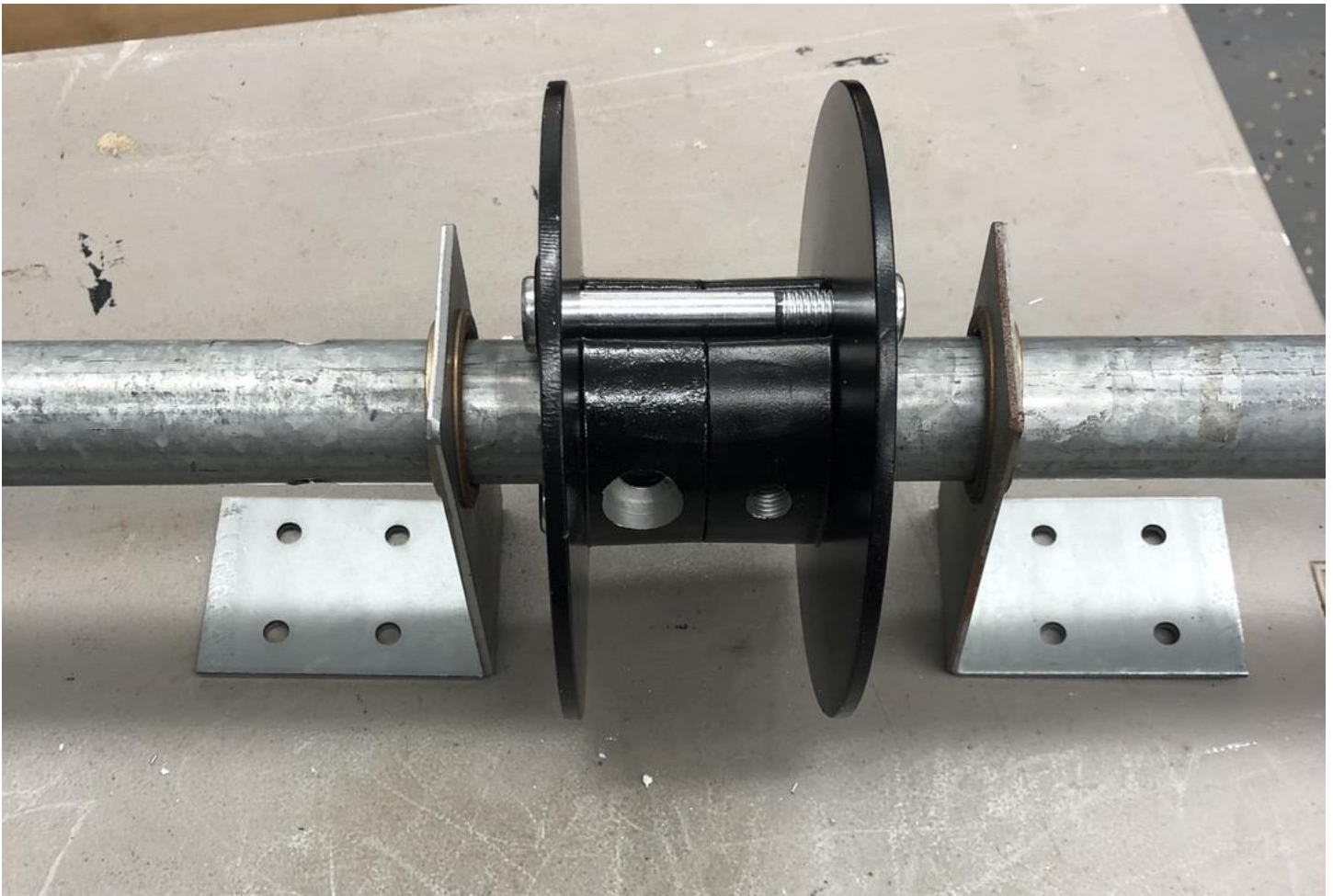
The bolts holding the drums to the pipe are 10mm. When drilling the 10mm holes through the pipe for mounting the drums, drill the first hole through the pipe, then use one side of a drum as a jig by screwing the drum bolt through that hole to hold it in the right place and drill the 10mm hole through the other side of the drum flange.



The drum bolts have an 8 mm Allen head and are inserted on the opposite side of the belt attachment when it is unwound.



Place pipe brackets on both sides of the belt drum, and as needed between the drums to carry the pipe without it sagging.



For any technical questions, please contact:

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