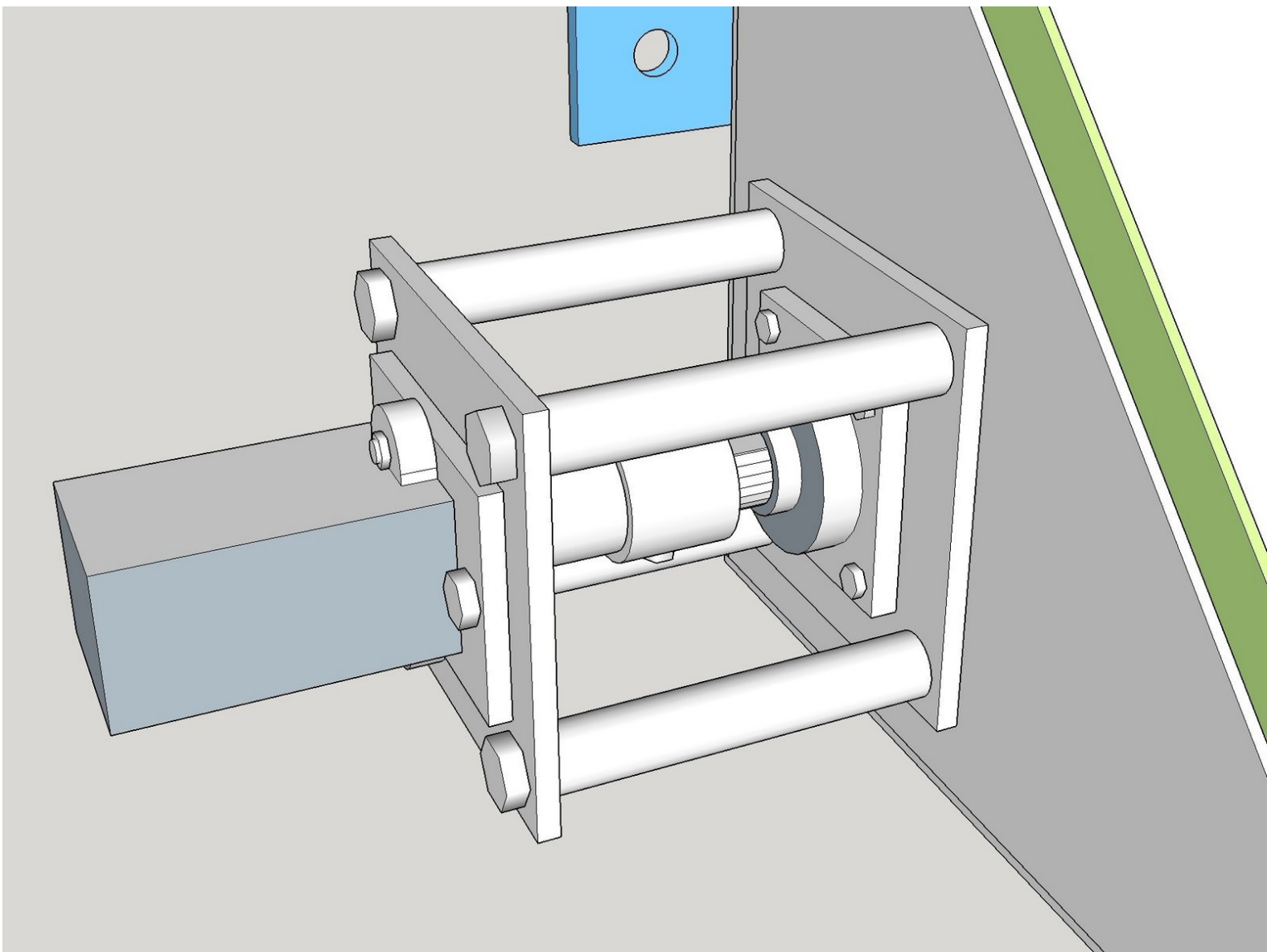


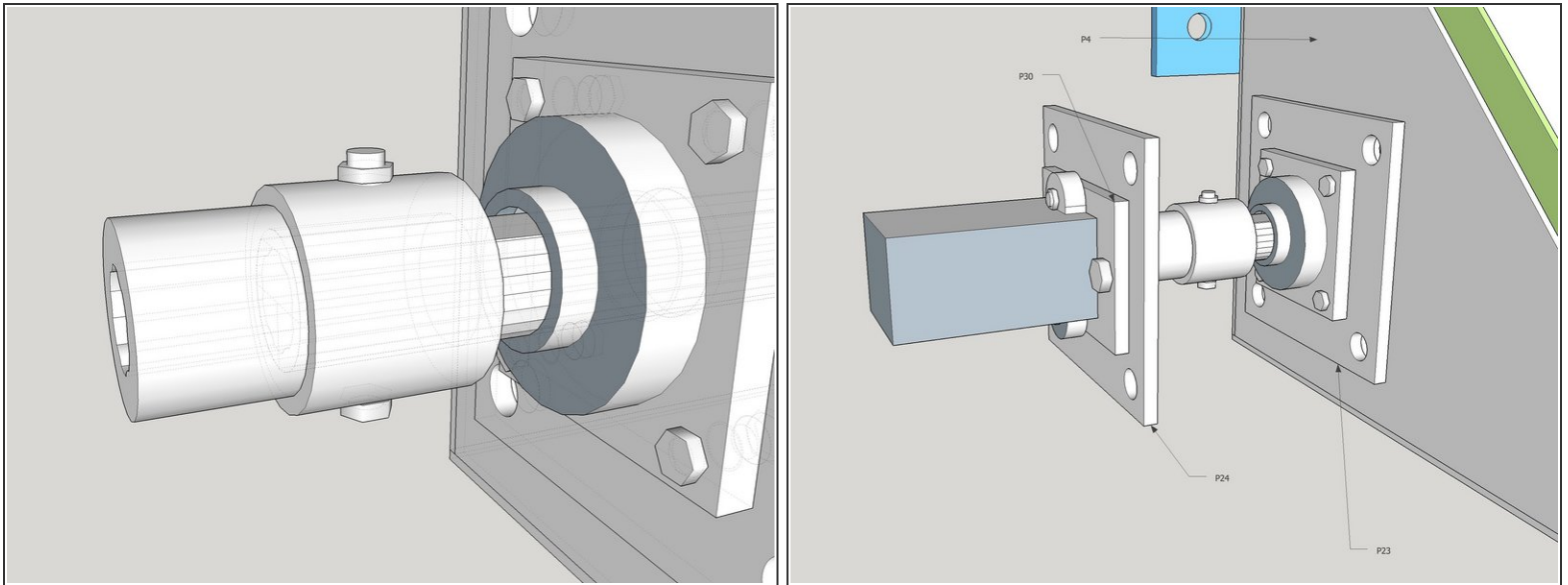


# Installing Module - Drive Hydraulic Motor and Drive

Written By: Andrew Graham

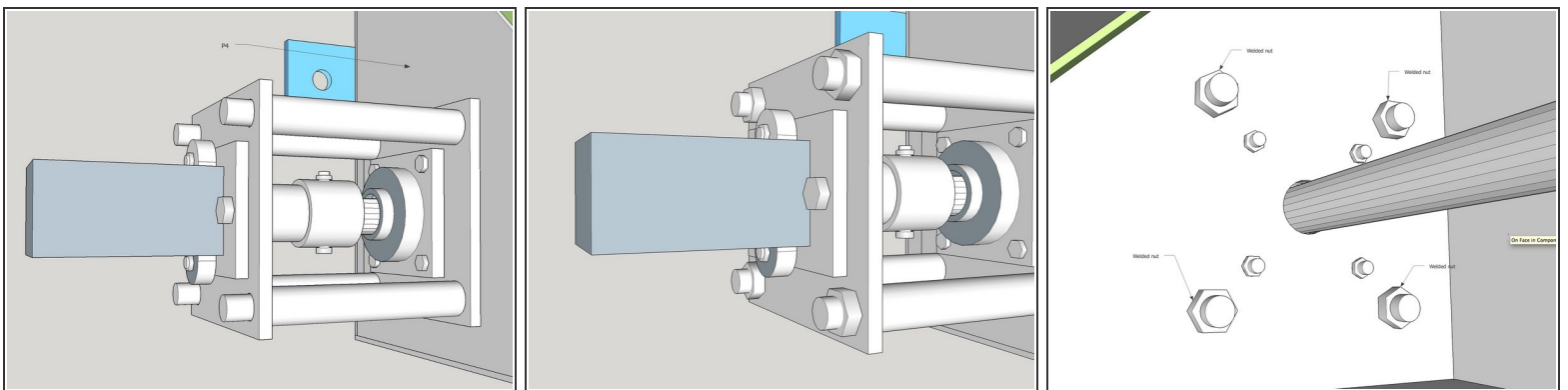


## Step 1 — Hydraulic Motor and Drive



- Attach the coupler on the motor to the drive shaft with the 1/2" x 4" bolt.
- Fit the motor and coupler to the main rotor shaft, P21

## Step 2



- Pass the 12" long, 1" threaded rods through p24 then through the tubes ], through p23 and thread them through the nuts welded to the far side of P4.
- Attach the 4 further nuts to clamp the motor to the tubes, and the tubes against p23, in a sandwich
- Tighten the 2 screws in the collars of both bearings to the shaft (should be separated by 120 degrees).

## Step 3



- **Quality Control Checklist**

- Ensure the system rotates freely 360 degrees. If the coupler, motor and shaft are not on the same axis, it may lock up.
- Check that when torque is applied to the motor, in either direction, there is no excessive twisting.