



REVOLVING DOOR ASSEMBLY GUIDE

REVOLVING DOOR – TURNSTILES US

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1. ASSEMBLY & INSTALLATION STEPS

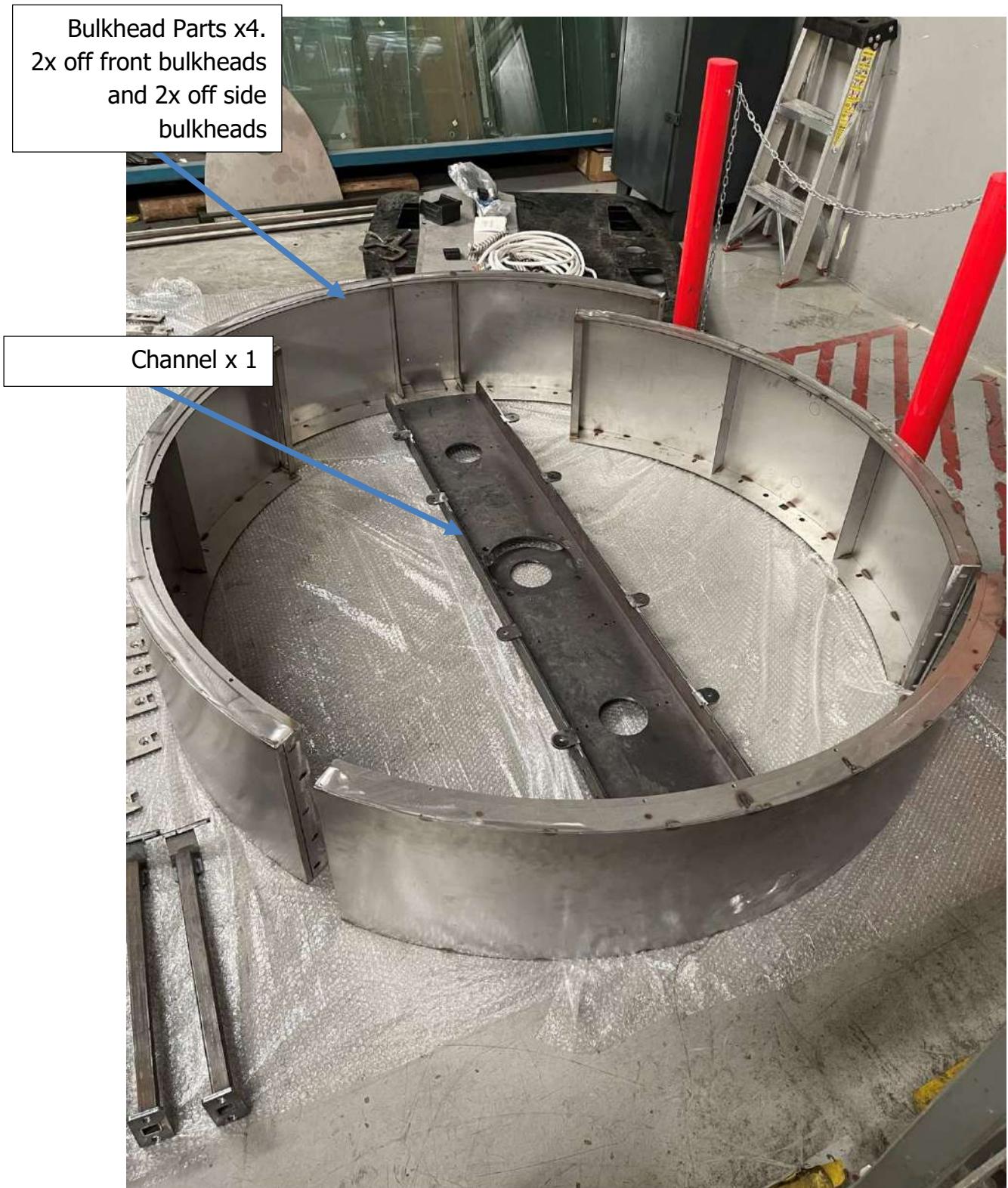


Figure 1: Bulkhead parts & channel

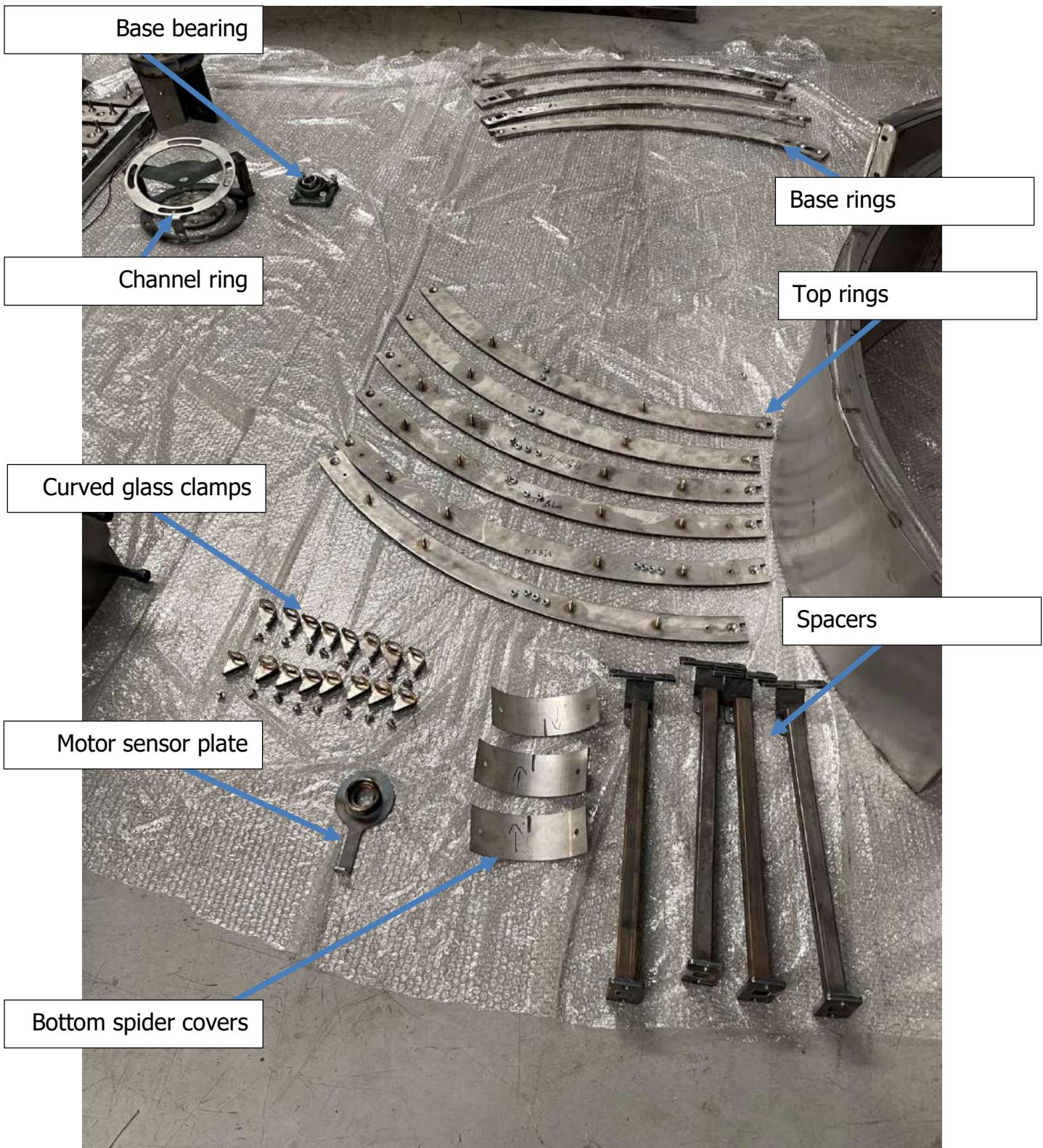


Figure 2: Rings, curved glass clamps & spacers

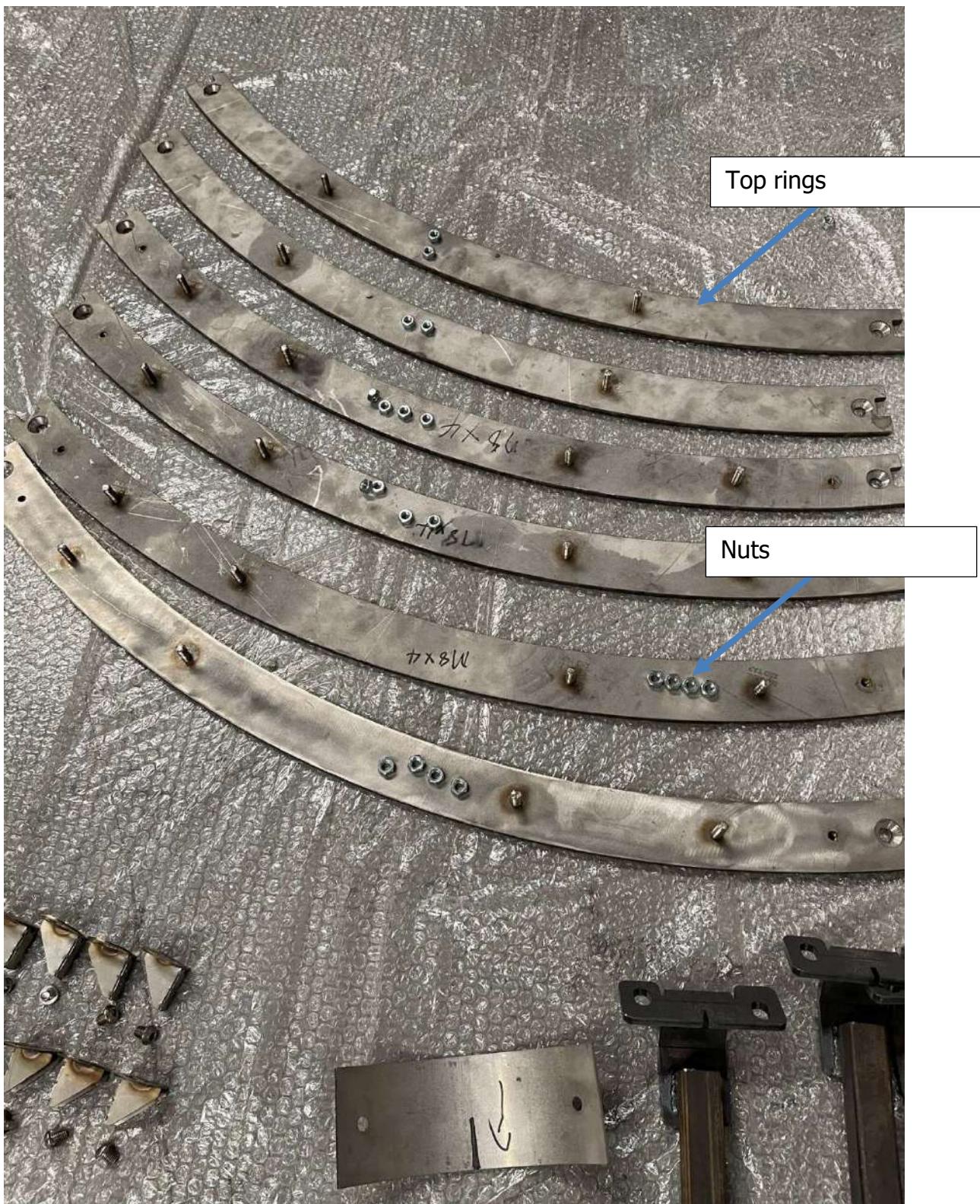


Figure 3: Top Rings & Nuts



Figure 4: Glass Clamps & Screws

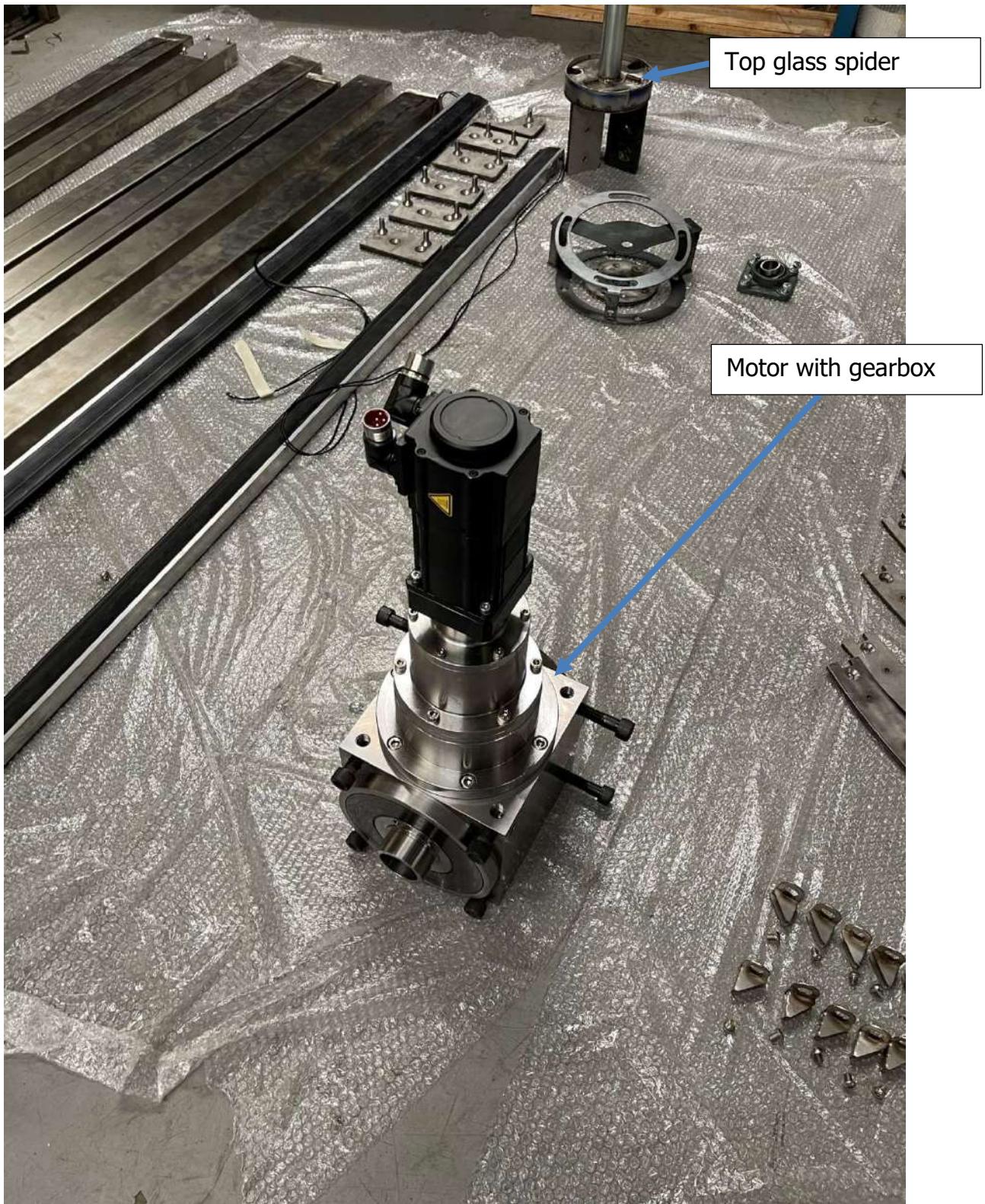


Figure 5: Motor & Gearbox



Figure 6: Uprights and Safety Edges

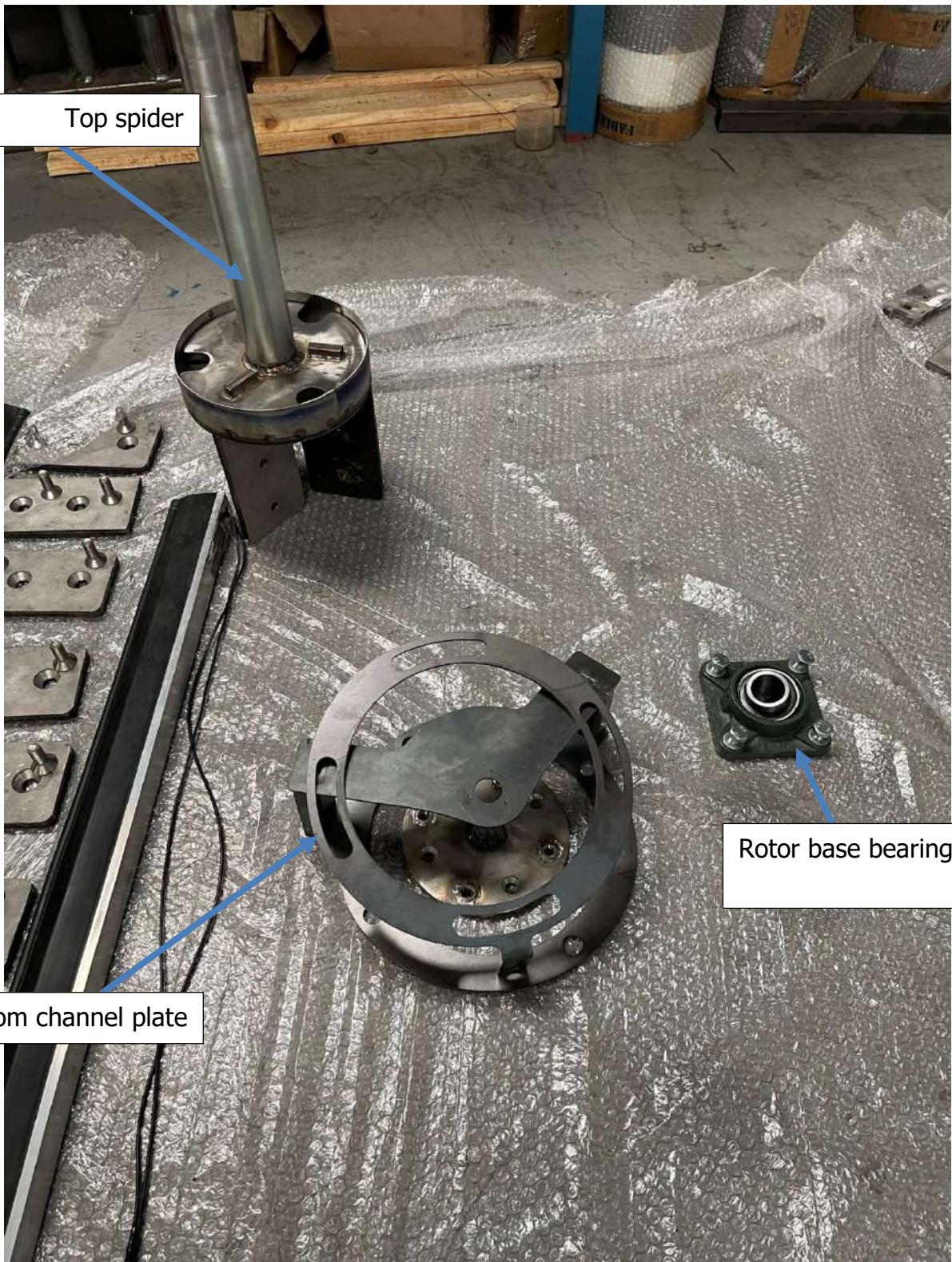


Figure 7: Top spider & bottom channel plate

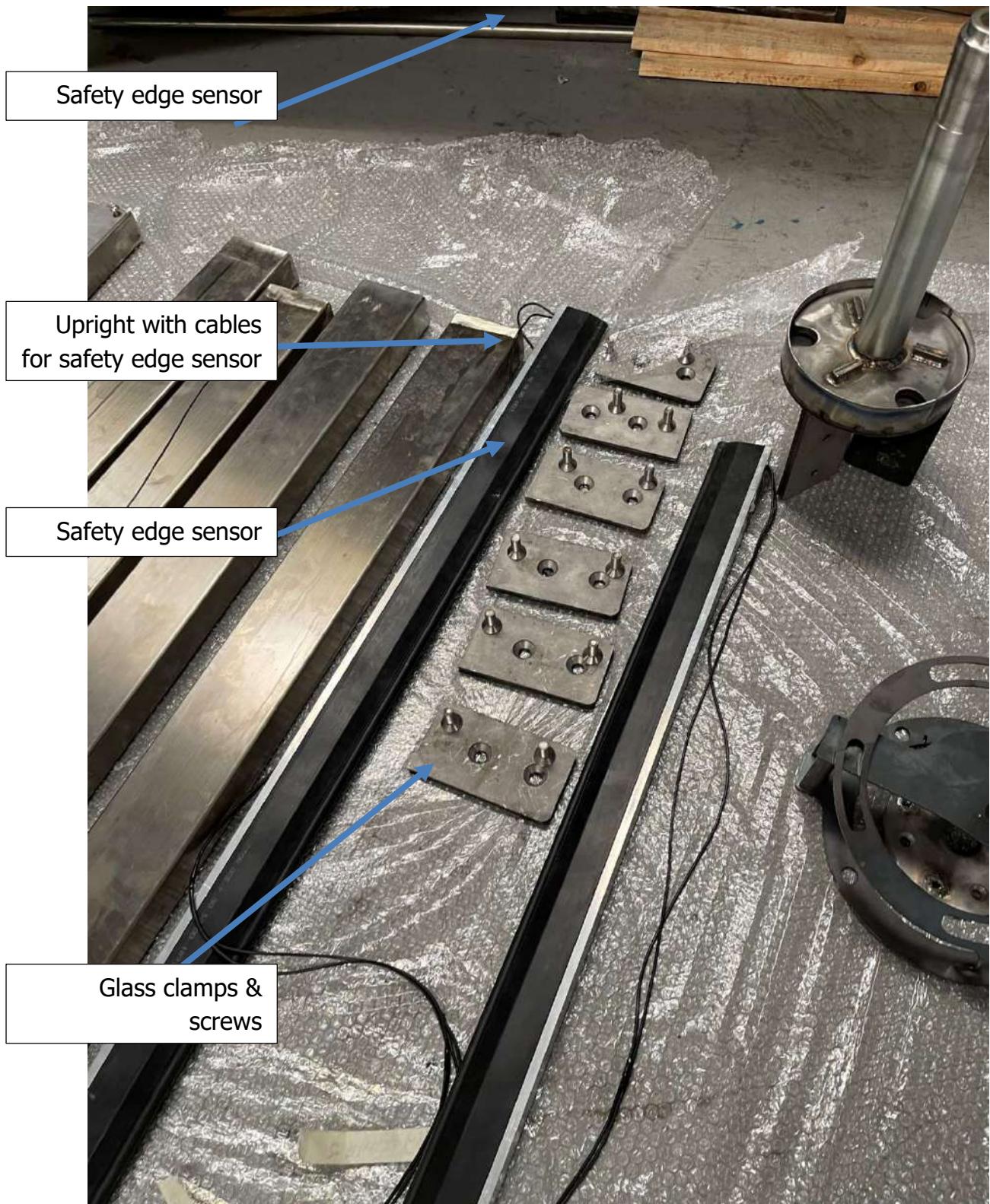


Figure 8: Glass clamps & screws

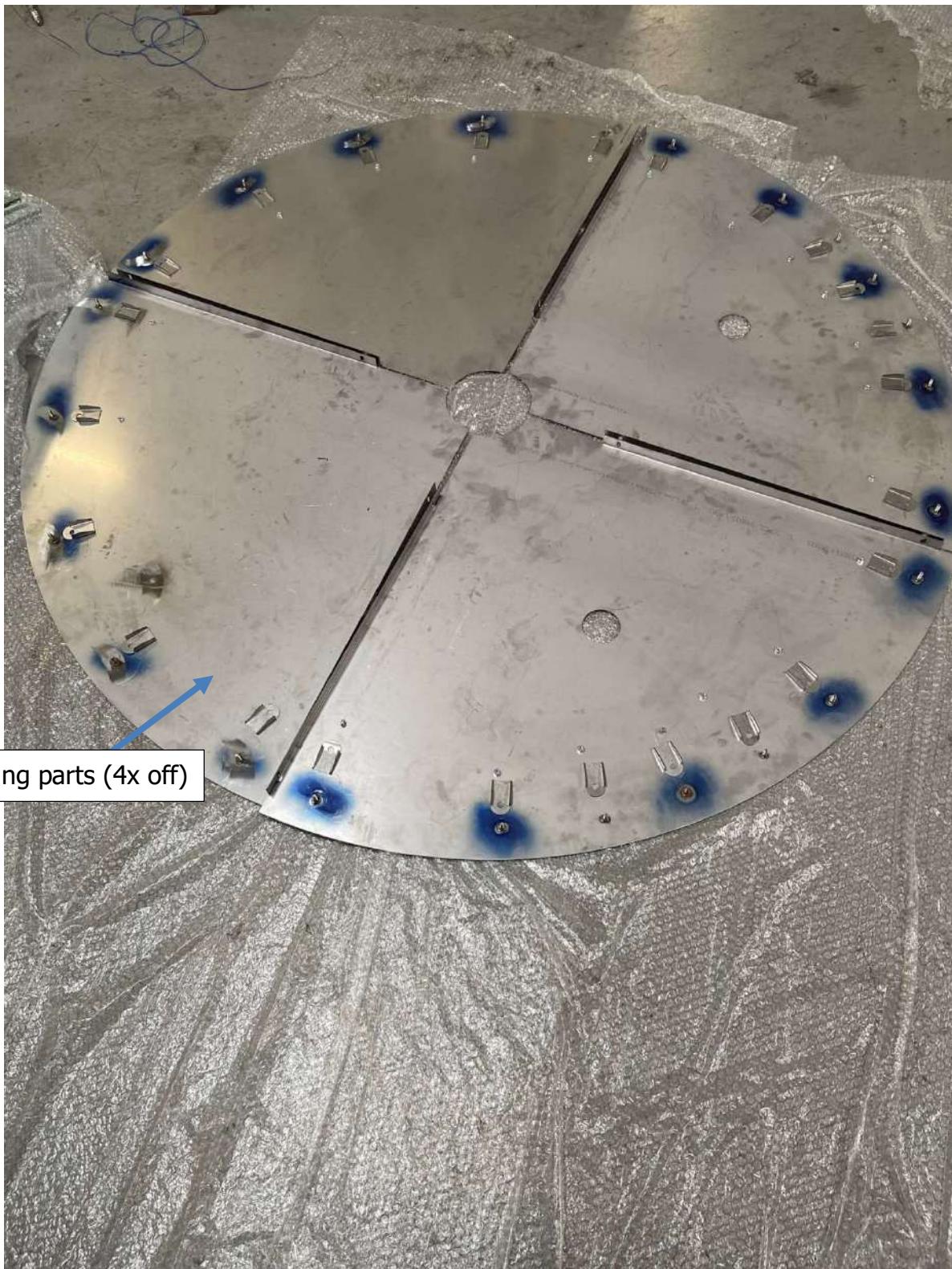


Figure 9: Ceiling parts

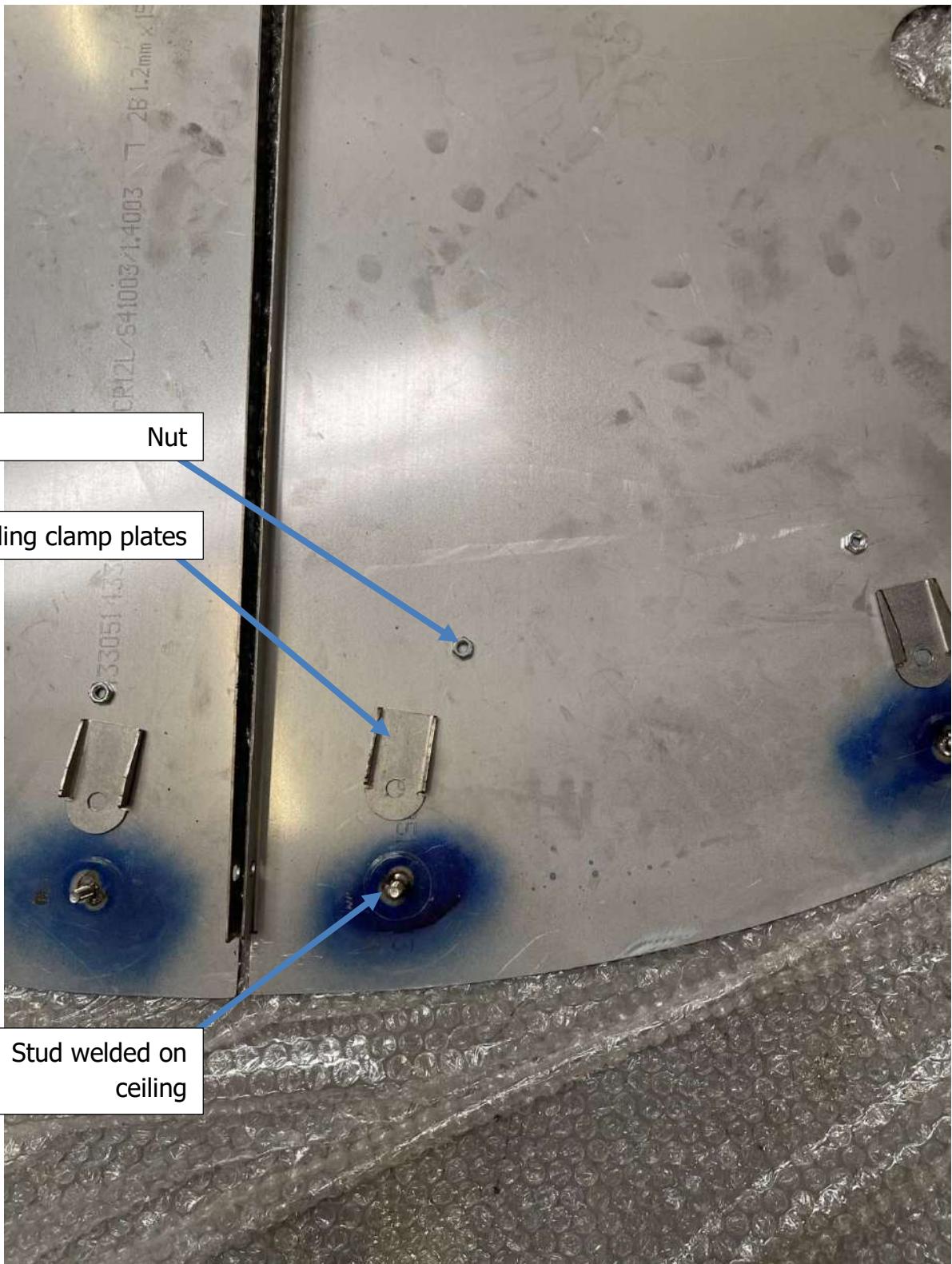


Figure 10: Ceiling parts & screws

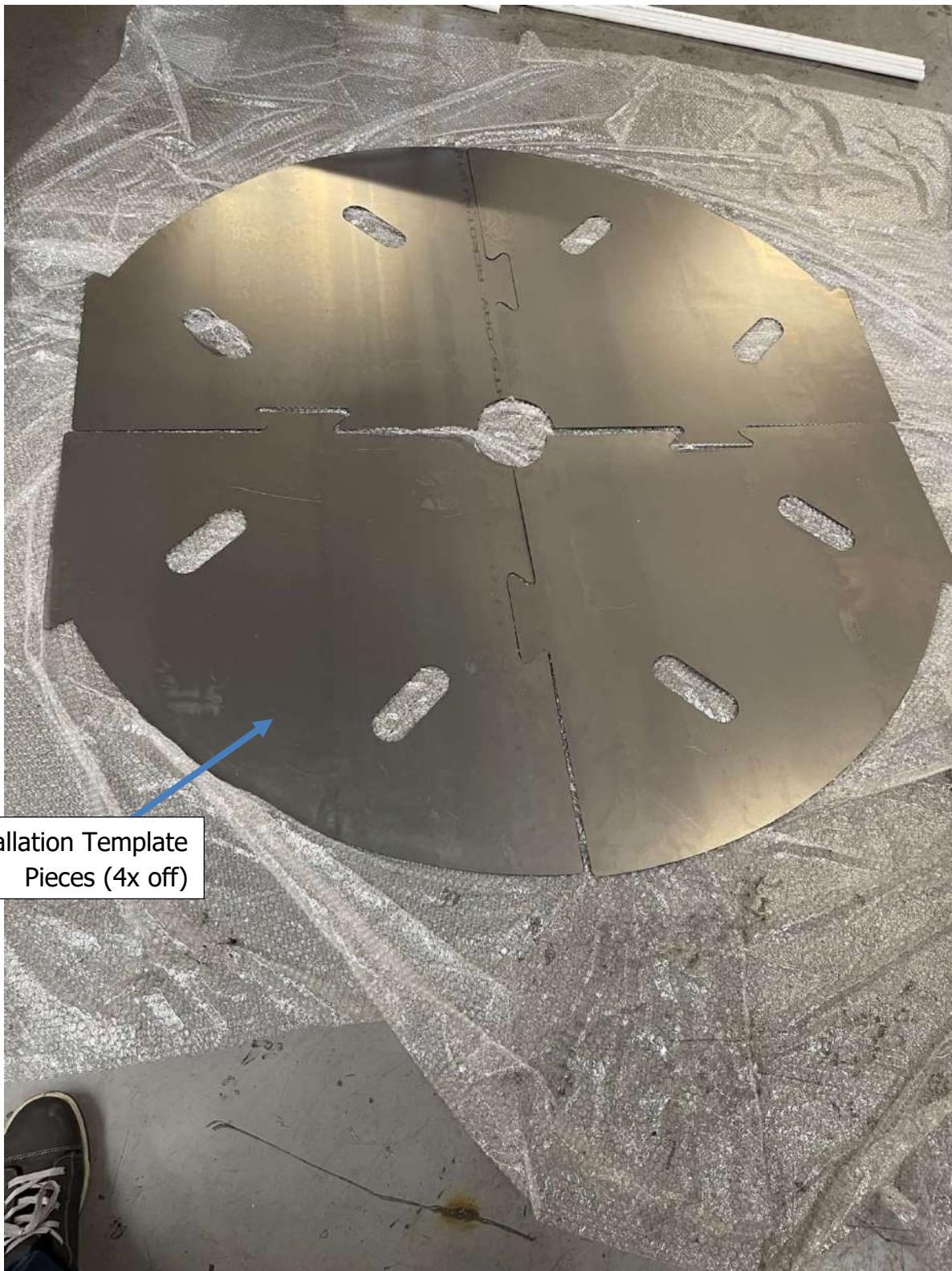


Figure 11: Installation template



Figure 12: Curved Glass

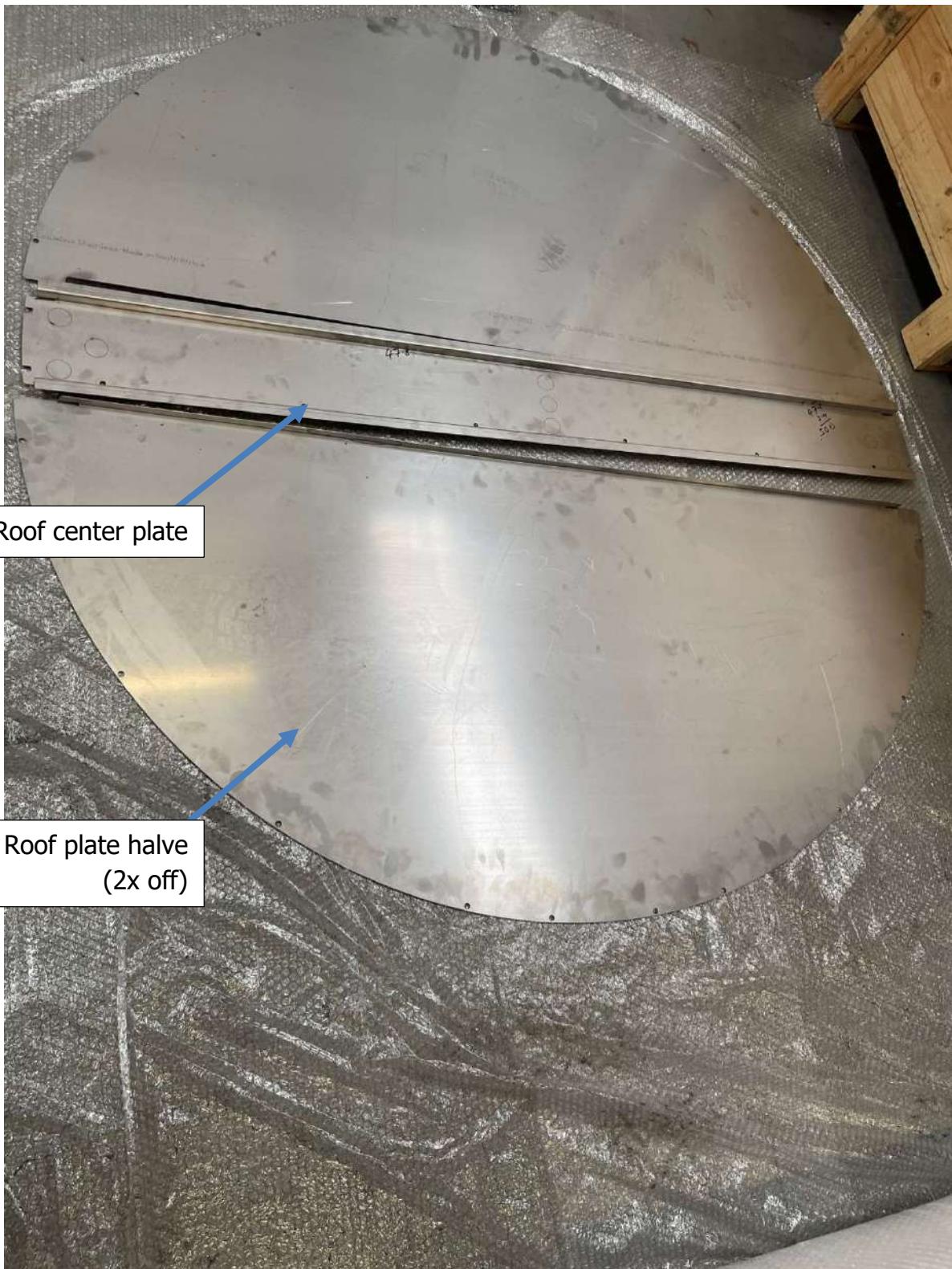


Figure 13: Roof plates



Figure 14: Flat glass, brush and bottom sensor assembly

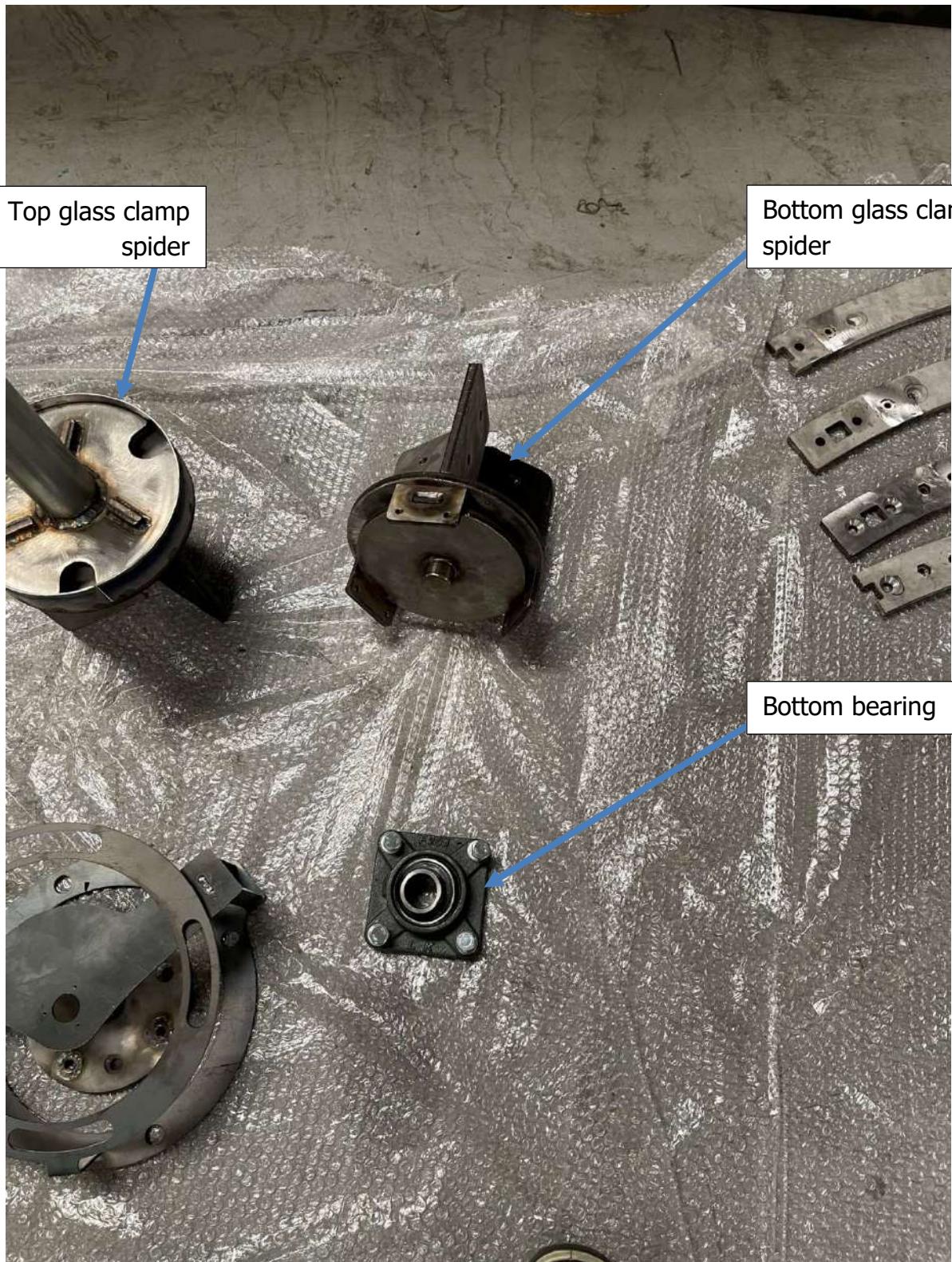


Figure 15: Glass spiders & bearing

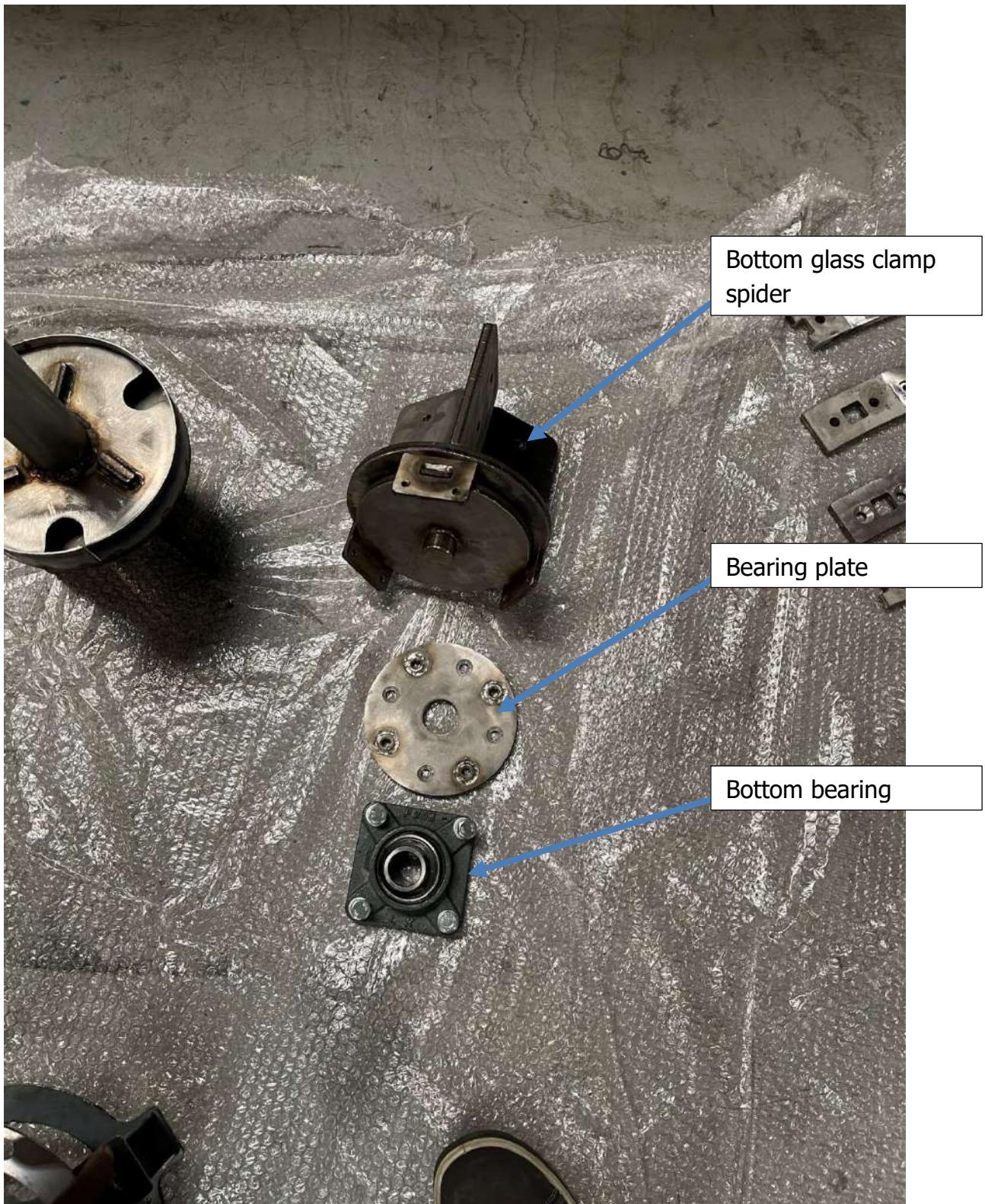


Figure 16: Bottom bearing, spider & bearing plate

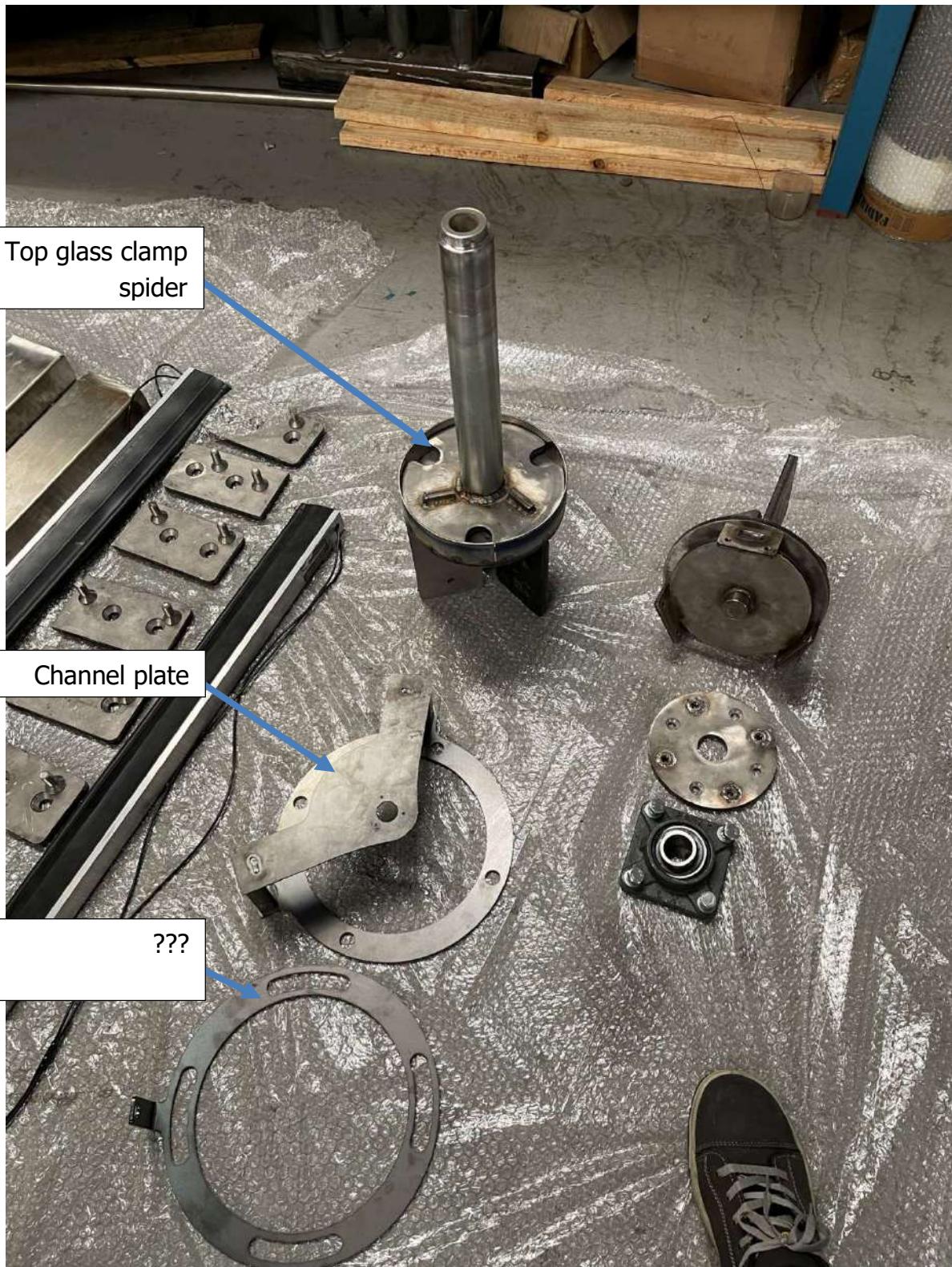


Figure 17: Channel plates and top spider

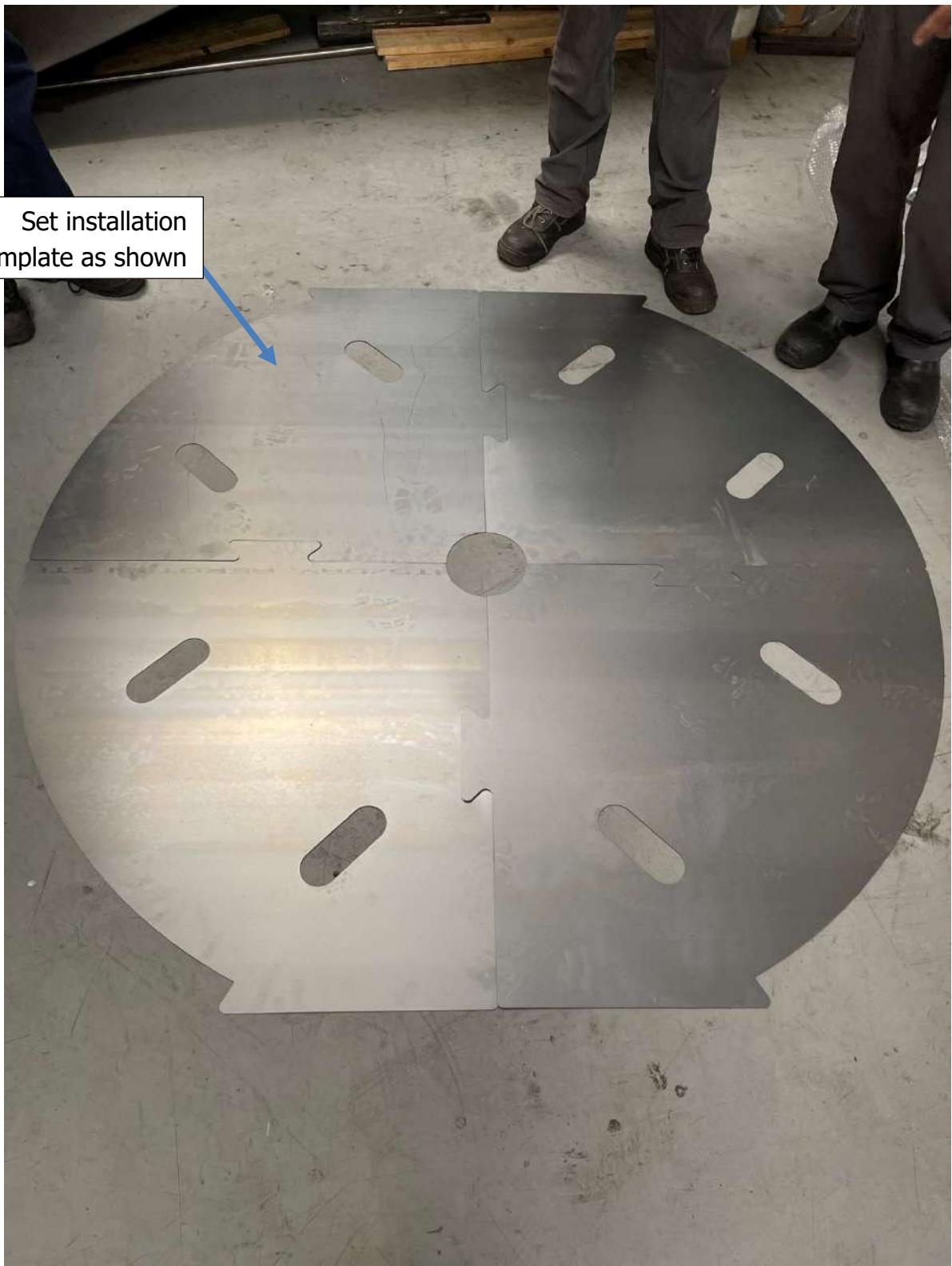


Figure 18: Installation Template placement

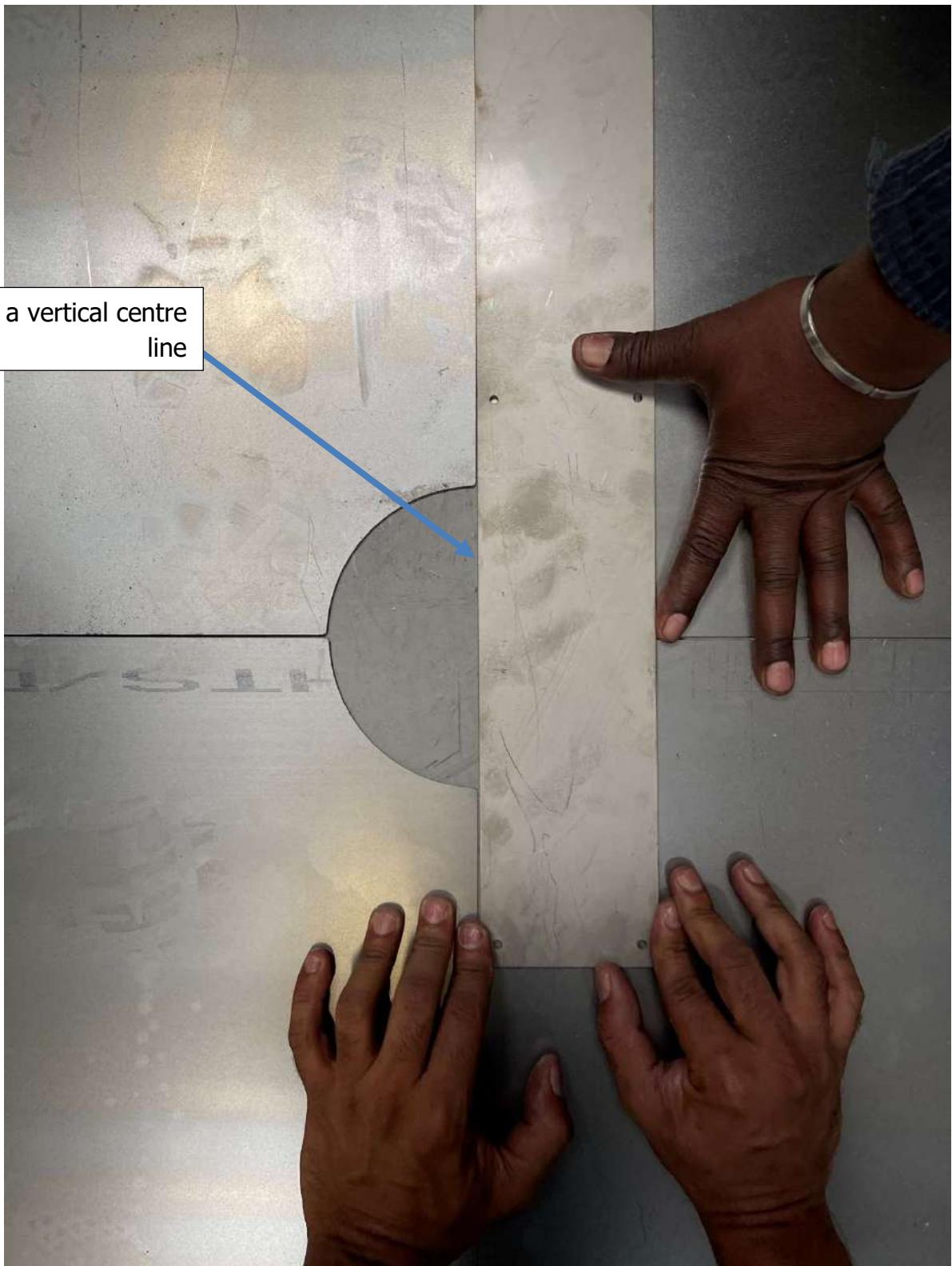


Figure 19: Marking the center on the installation template



Figure 20: Vertical centerline marked

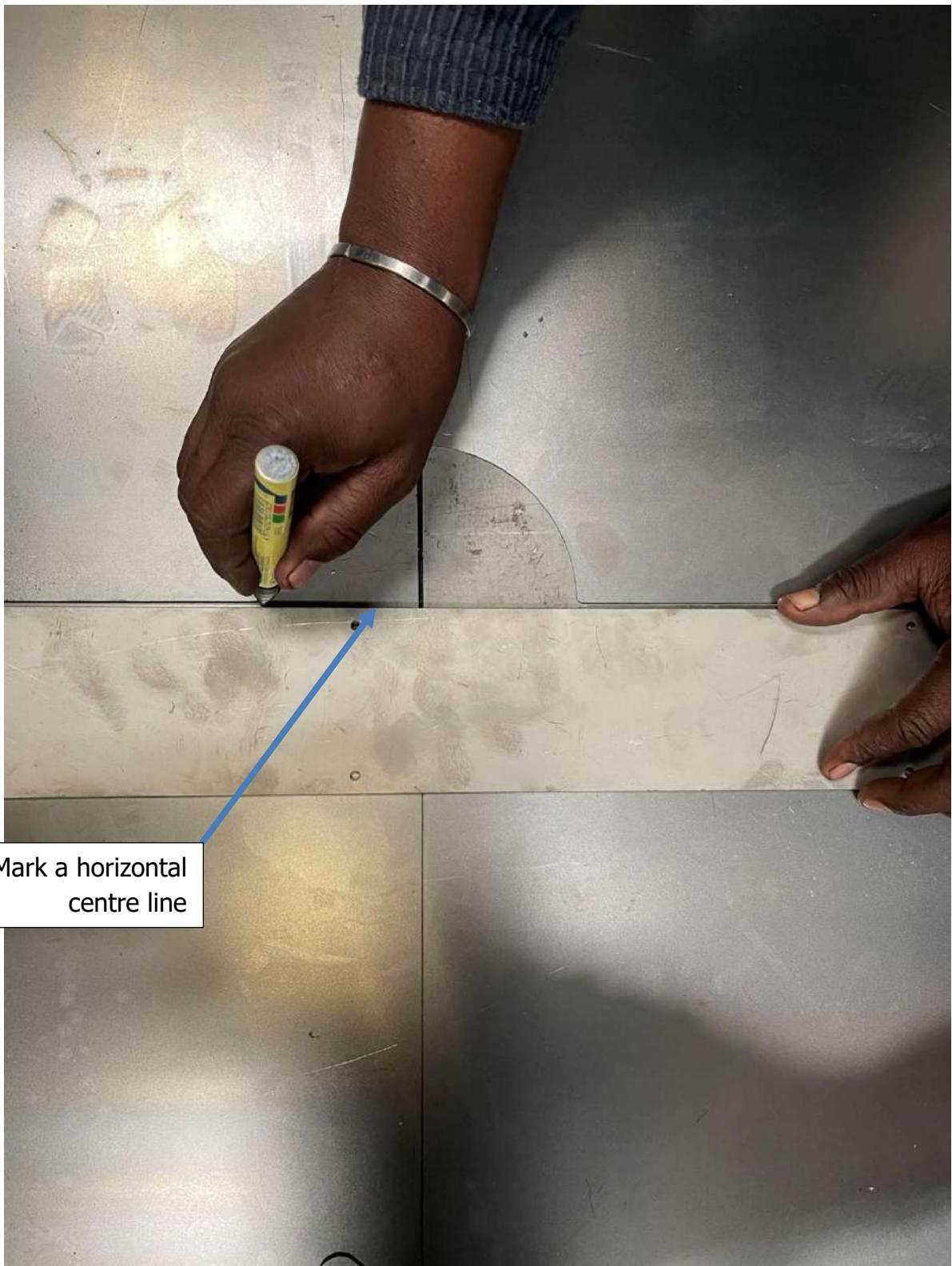


Figure 21: Horizontal centerline marked



Figure 22: Align template horizontally



Figure 23: Align template vertically



Figure 24: Lead cables through upright



Figure 25: Fixing bottom ring to upright



Figure 26: Countersunk screw through bottom ring into upright



Figure 27: Mid upright bottom ring assembly



Figure 28: Mid upright joint of bottom rings

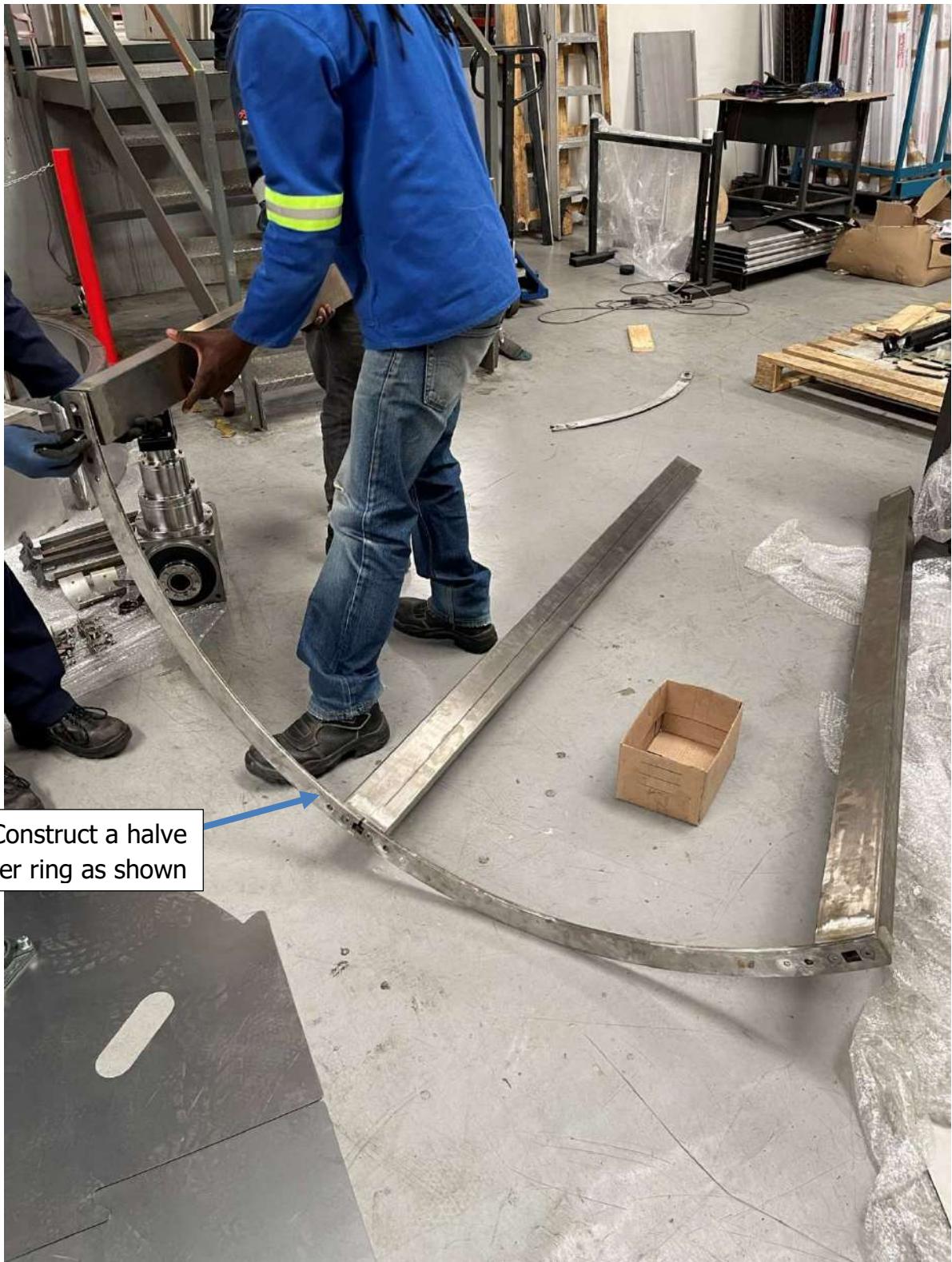


Figure 29: Side half drum mid-assembly



Figure 30: Side halve placement on template



Figure 31: Side halve placement on template 2

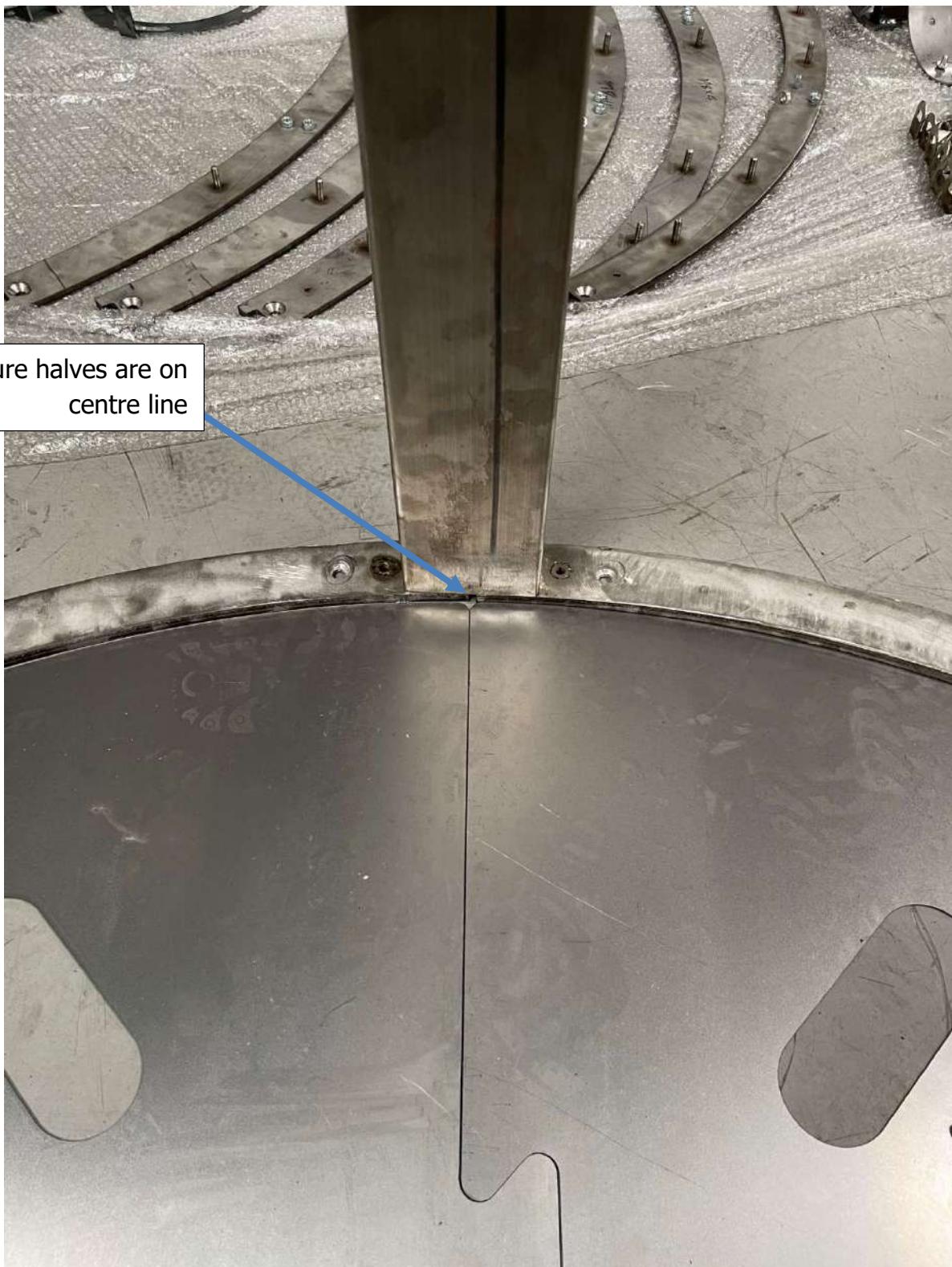


Figure 32: Side halve Alignment on centerline



Figure 33: Top ring



Figure 34: Fitting top ring to side halve



Figure 35: Mid joint on top ring



Figure 36: Top ring on side halve from bottom view



Figure 37: Top ring on side halve

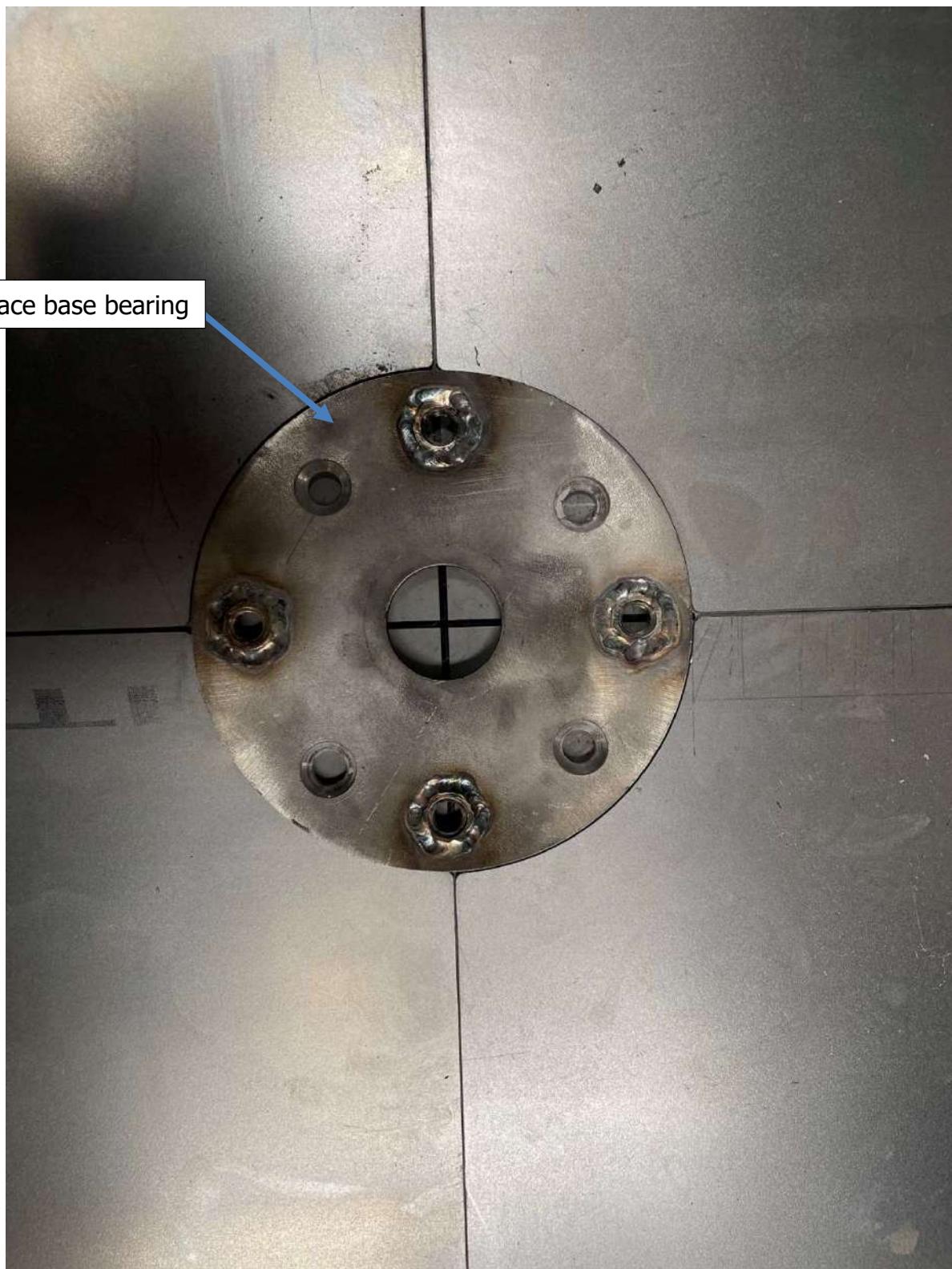


Figure 38: Place bearing ring

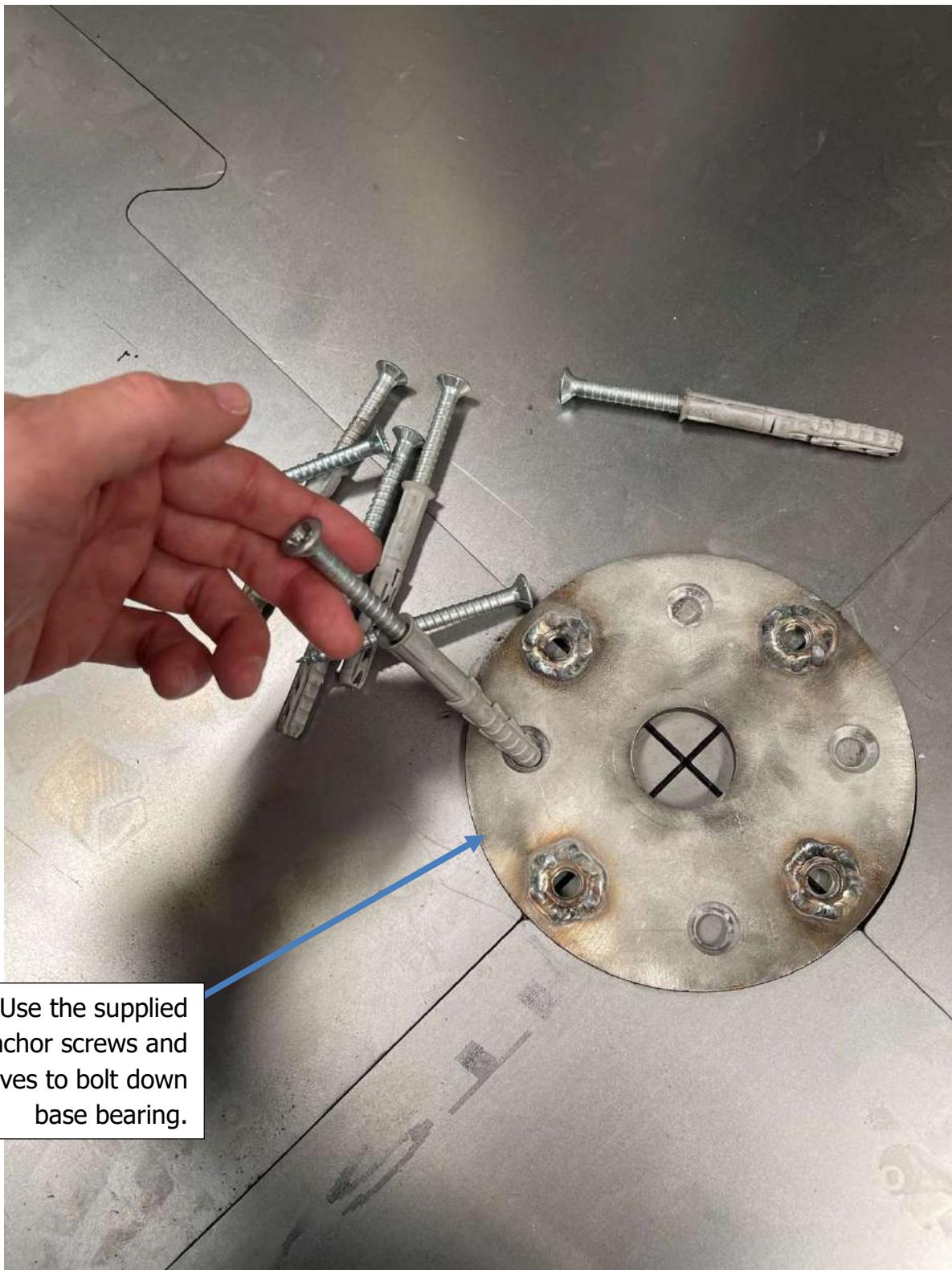


Figure 39: Bearing base ring and anchor screws



Figure 40: Bearing base ring and anchor screws 2



Figure 41: Top ring mid assembly



Figure 42: Location of override and stop button on outside upright

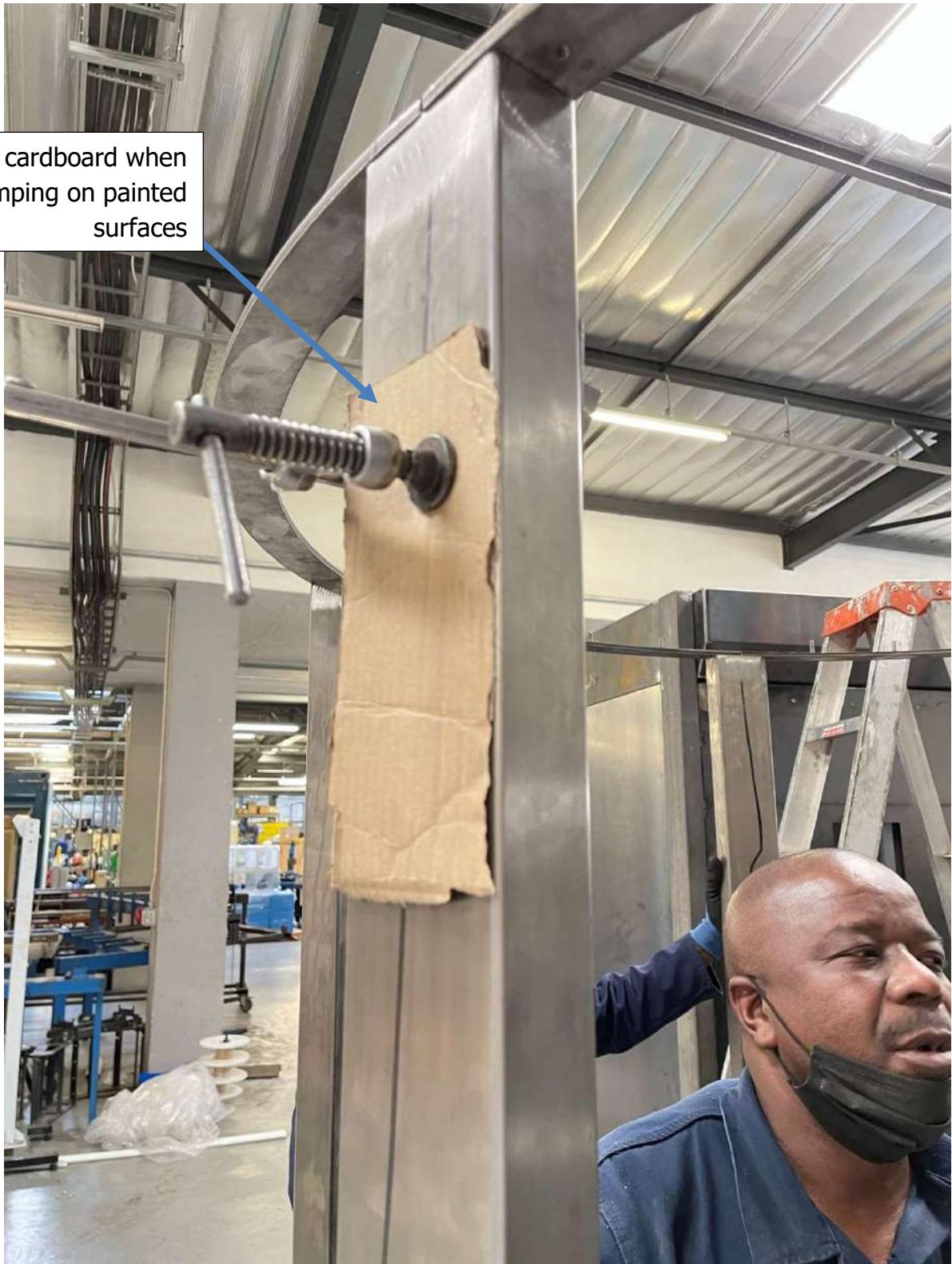


Figure 43: Clamping on upright



Figure 44: Clamping spacers

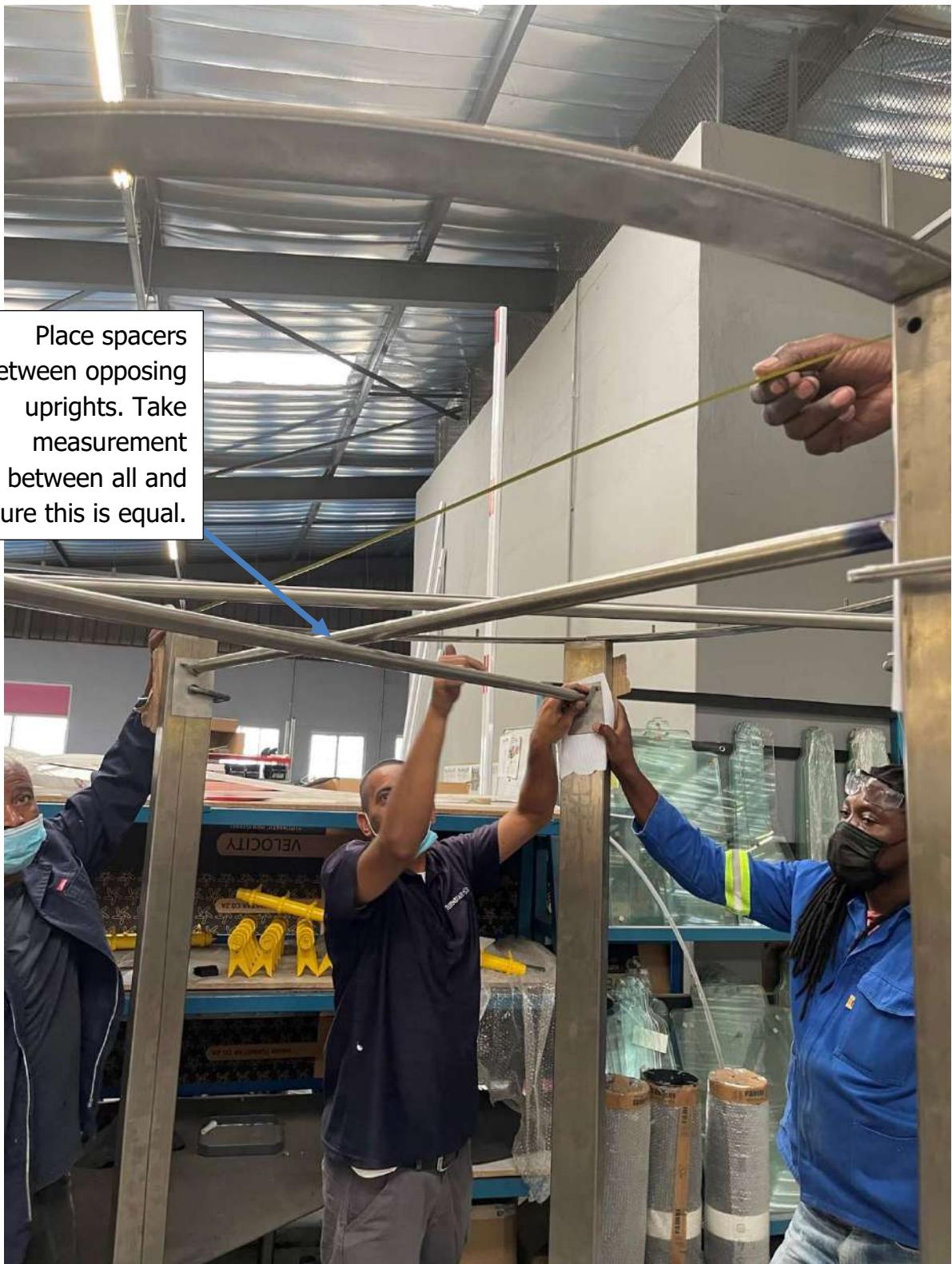


Figure 45: Clamping and measuring between uprights

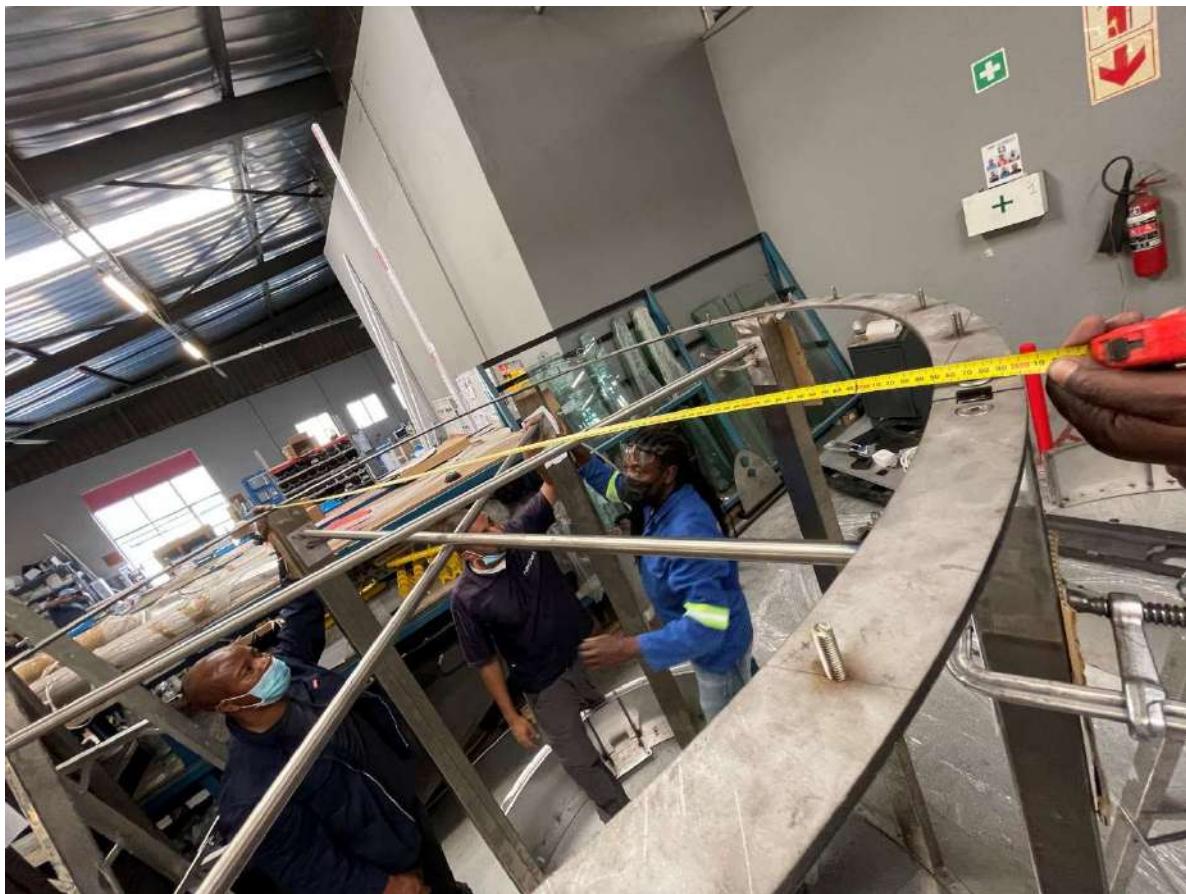


Figure 46: Clamping and measuring between uprights 2

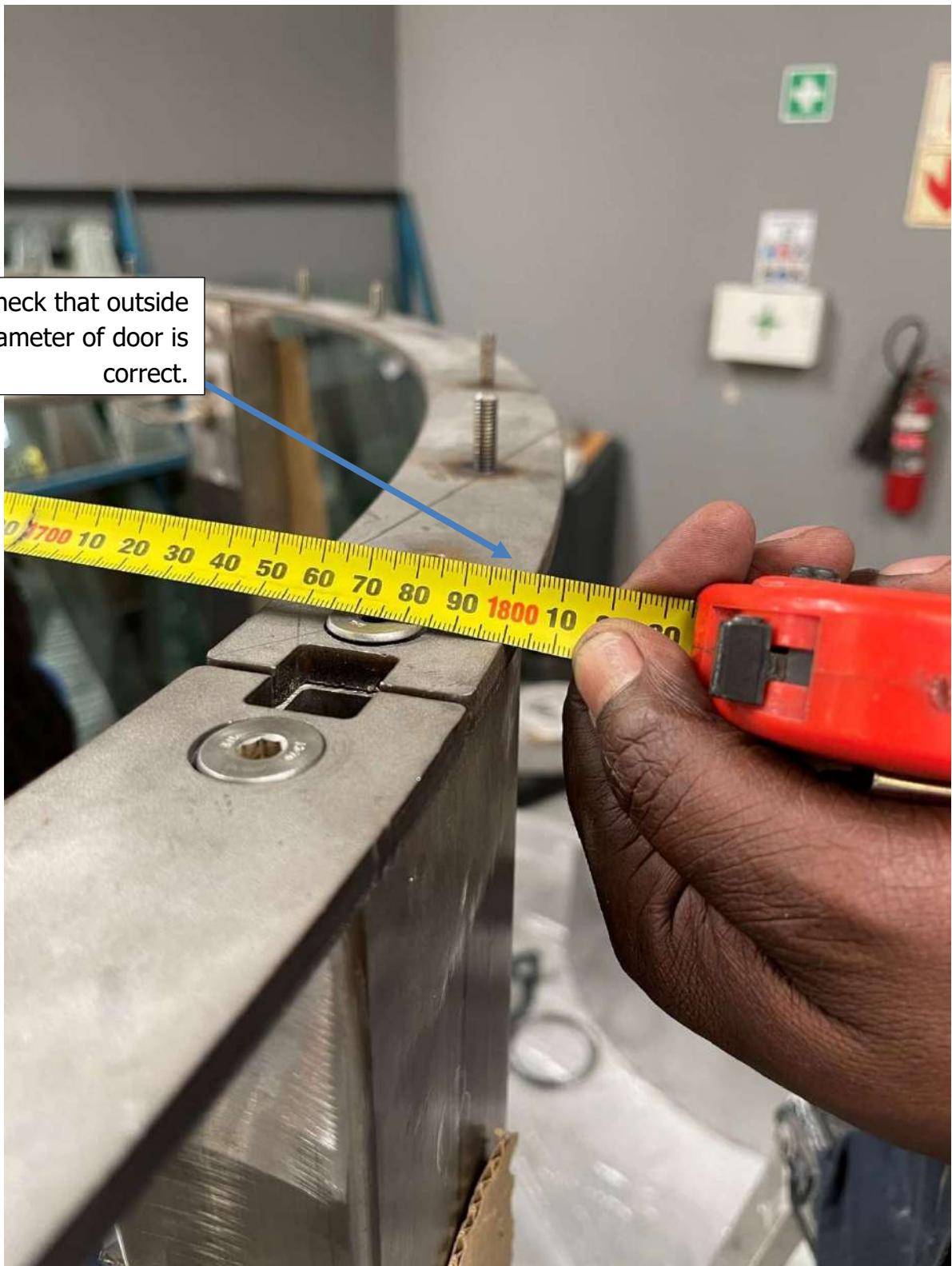


Figure 47: Measuring outside of door



Figure 48: Assembling bulkhead



Figure 49: Assembling bulkhead 2

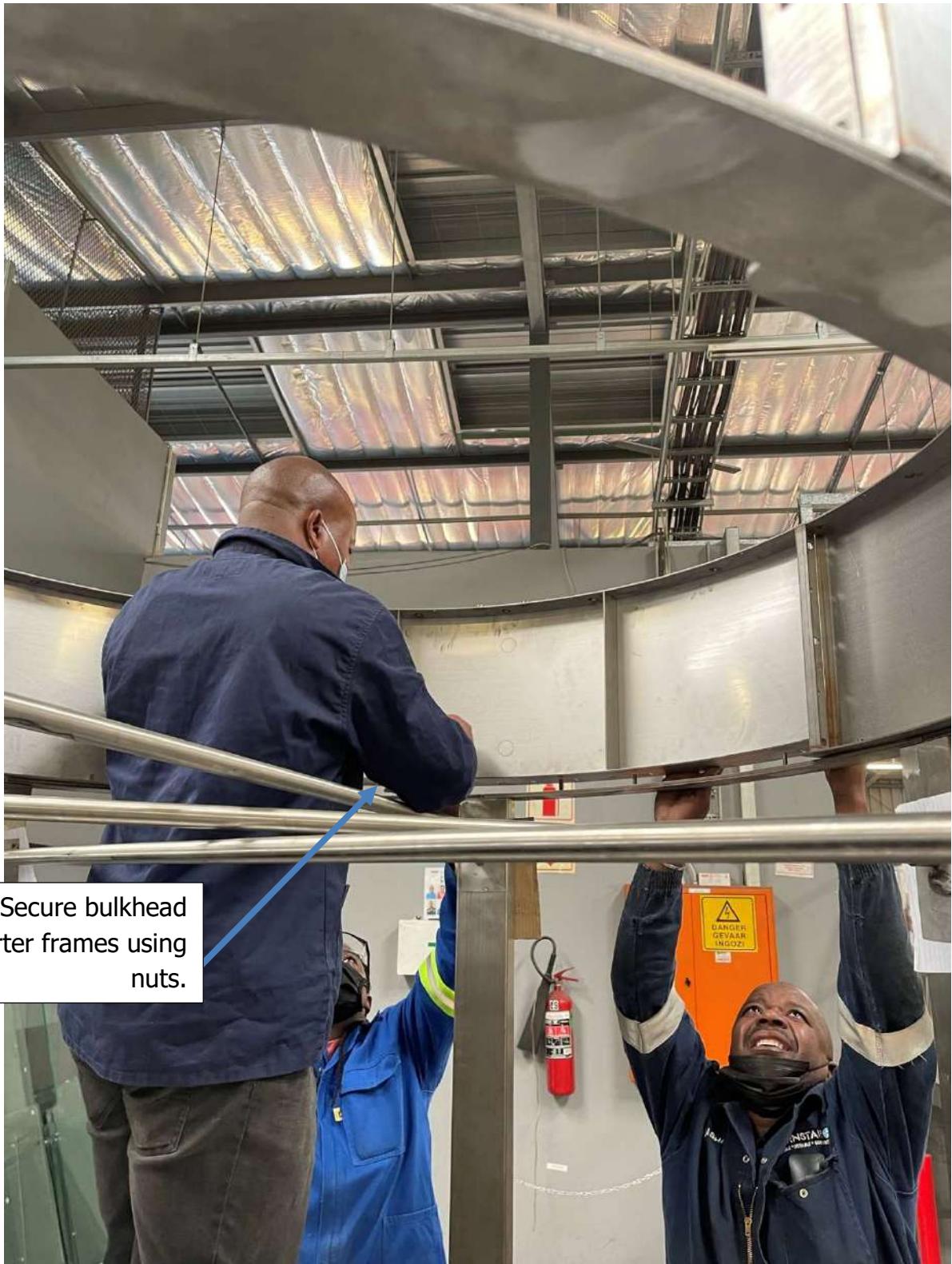


Figure 50: Assembling bulkhead 3



Figure 51: Assembling bulkhead 4

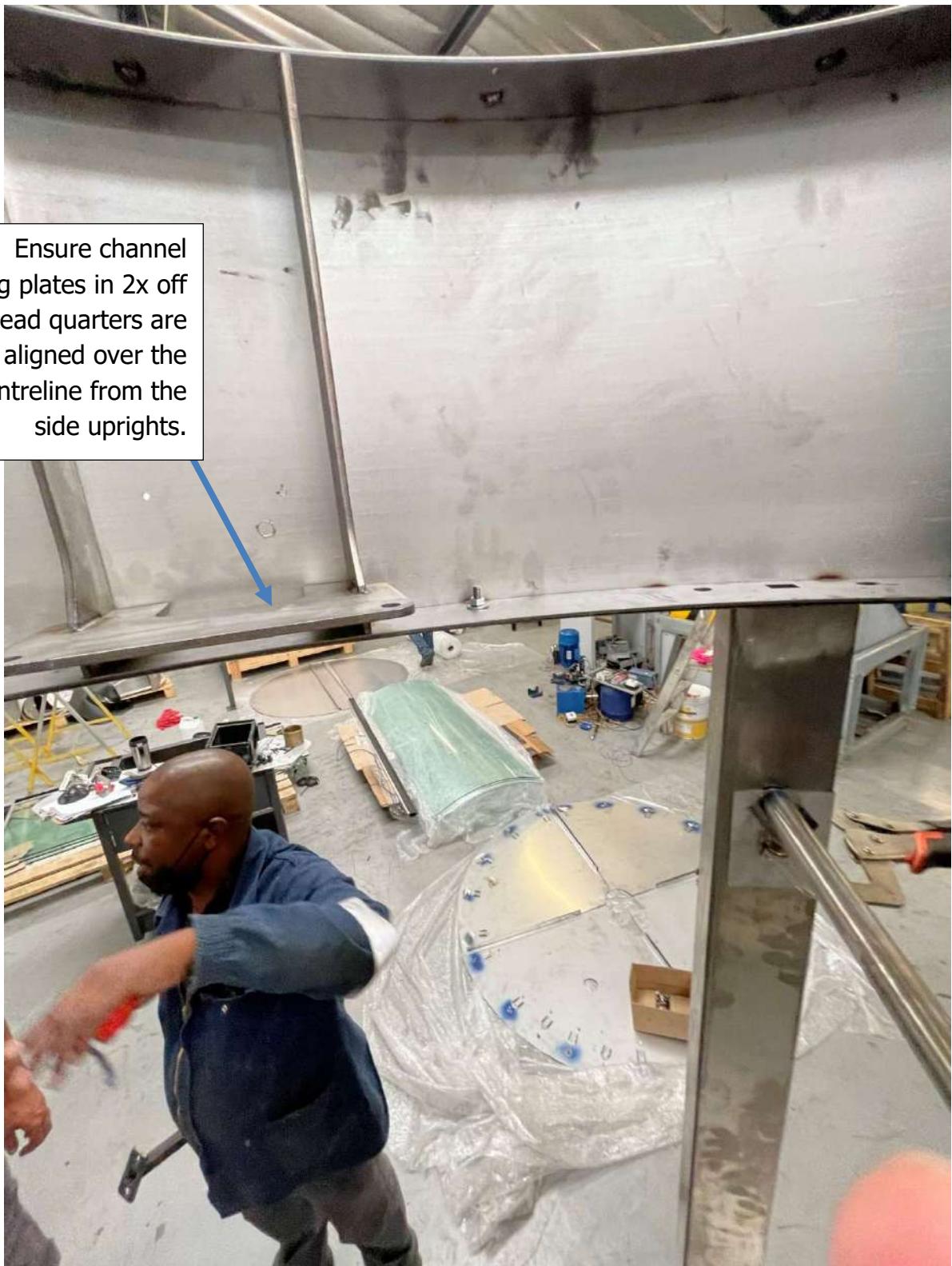


Figure 52: Assembling Center Channel



Figure 53: Assembling Center Channel 2

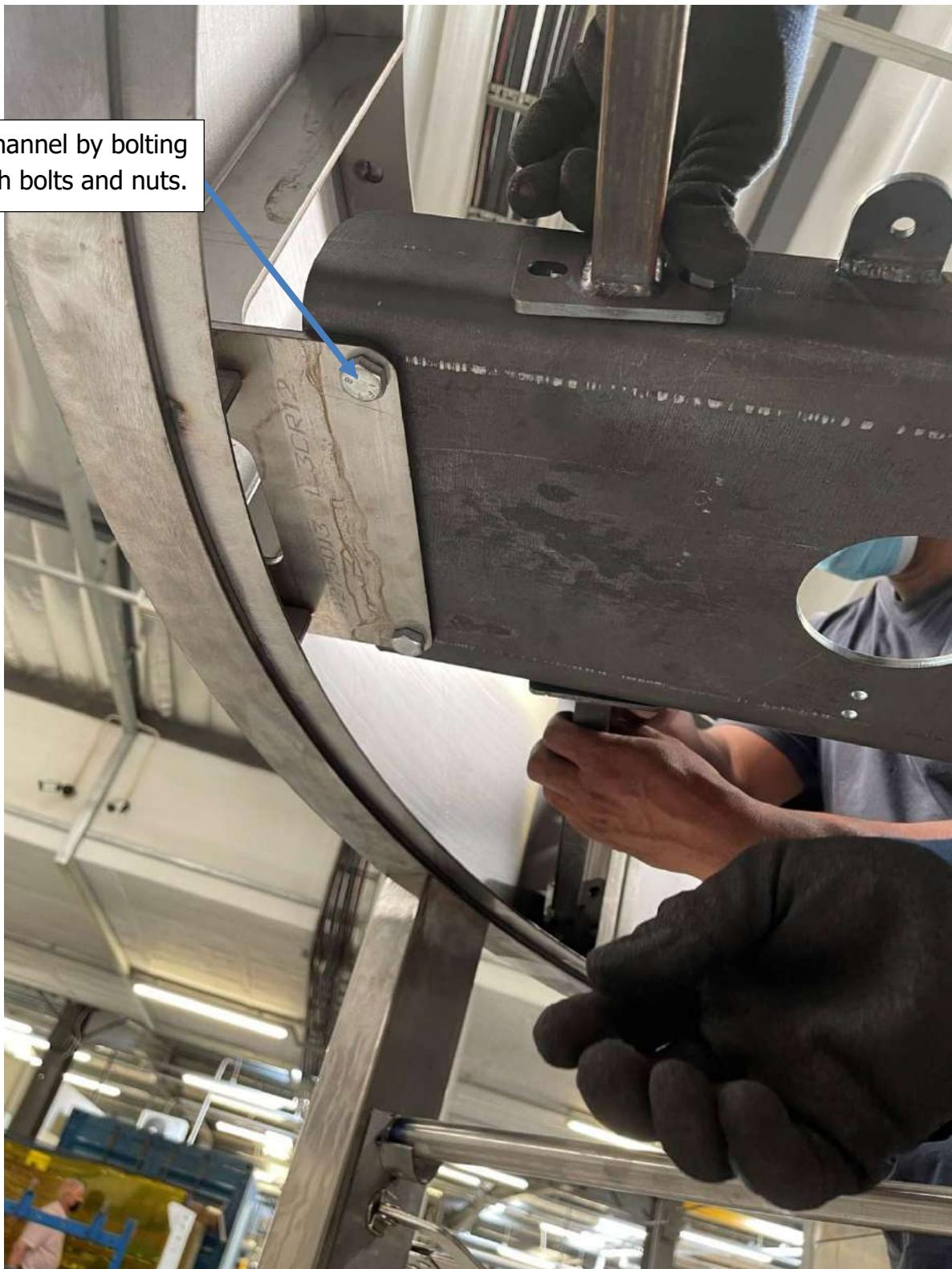


Figure 54: Assembling Center Channel 3



Figure 55: Top channel bottom ring



Figure 56: Motor and gearbox



Figure 57: Bulkhead parts check & spacers remove

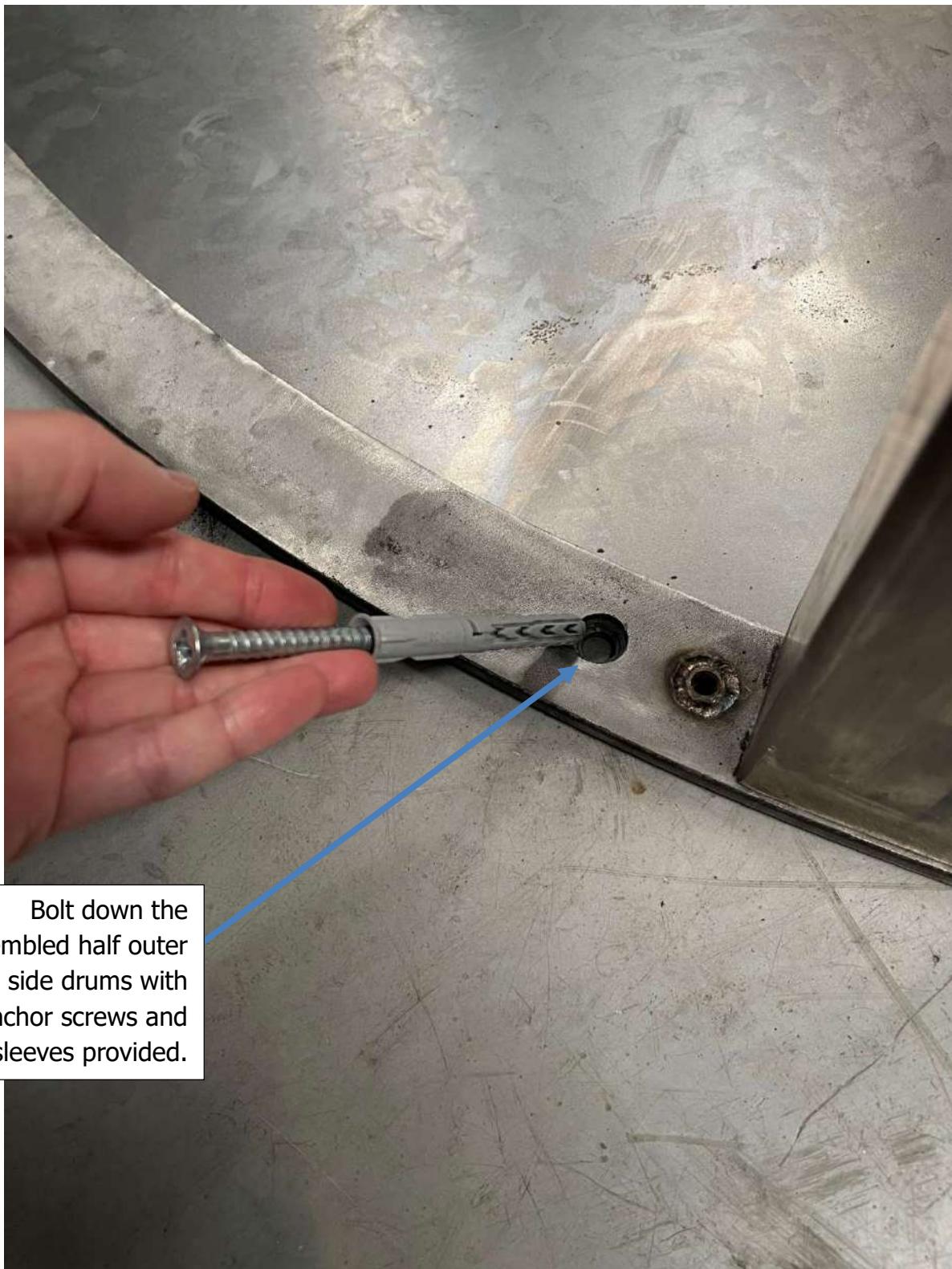


Figure 58: Bolt down the halve outer drum



Figure 59: Bolt down the halve outer drum 2



Figure 60: Preparation to lift motor



Figure 61: Lifting motor onto center channel



Figure 62: Lifting motor onto center channel 2



Figure 63: Lifting motor onto center channel 3



Figure 64: Motor located in center channel



Figure 65: Bolt down the halve outer drum

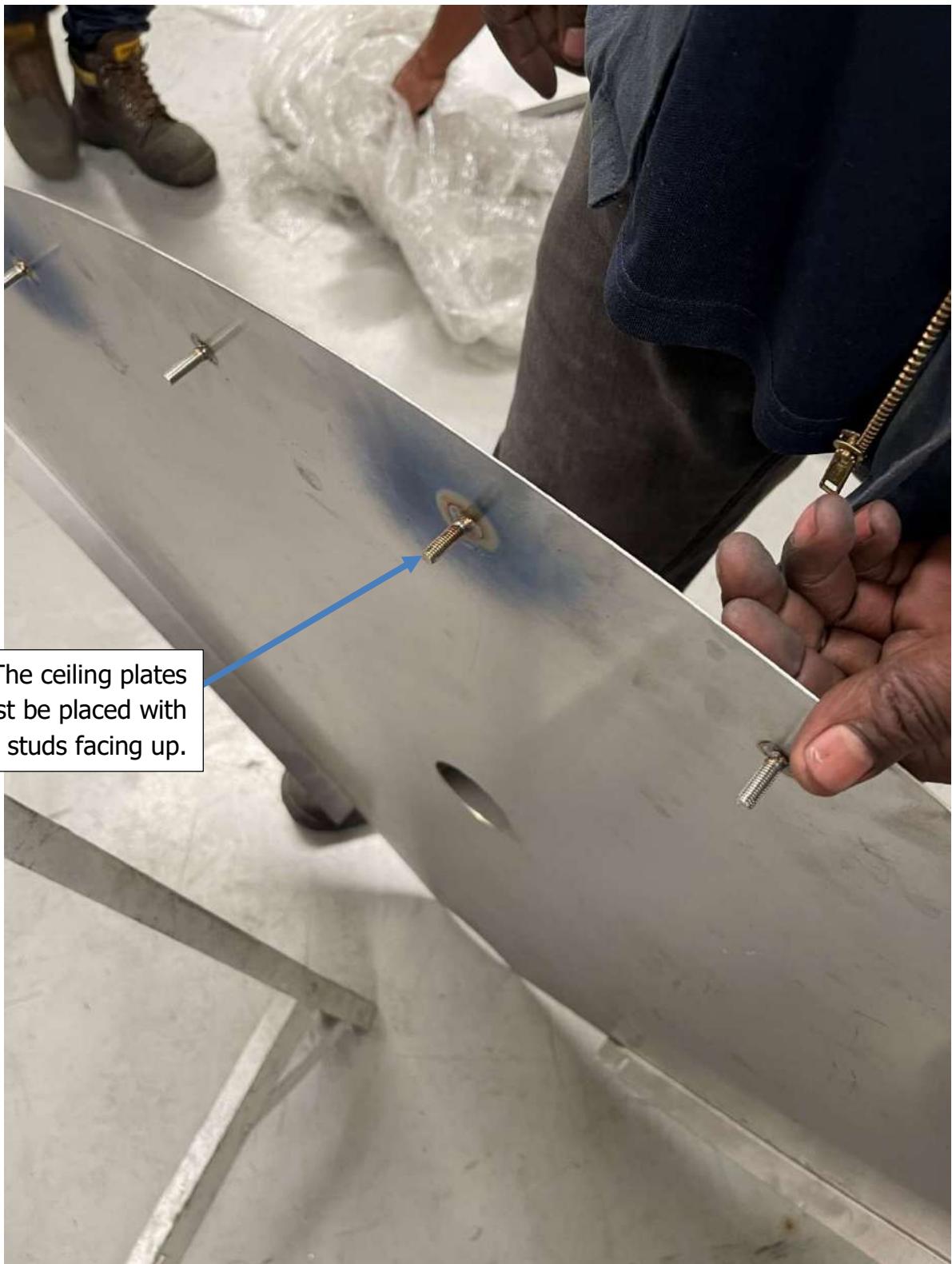


Figure 66: Ceiling plates



Figure 67: Installing Ceiling plates



Figure 68: Installing Ceiling plates 2



Figure 69: Installing Ceiling plates 3



Figure 70: Fit base bearing



Figure 71: Fit bottom glass clamp spider



Figure 72: Fit top glass clamp spider



Figure 73: Place and shaft clamp ring



Figure 74: Place and shaft clamp ring 2



Figure 75: Place and shaft clamp ring 3



Figure 76: Place and shaft clamp ring 4



Figure 77: Place glass panel

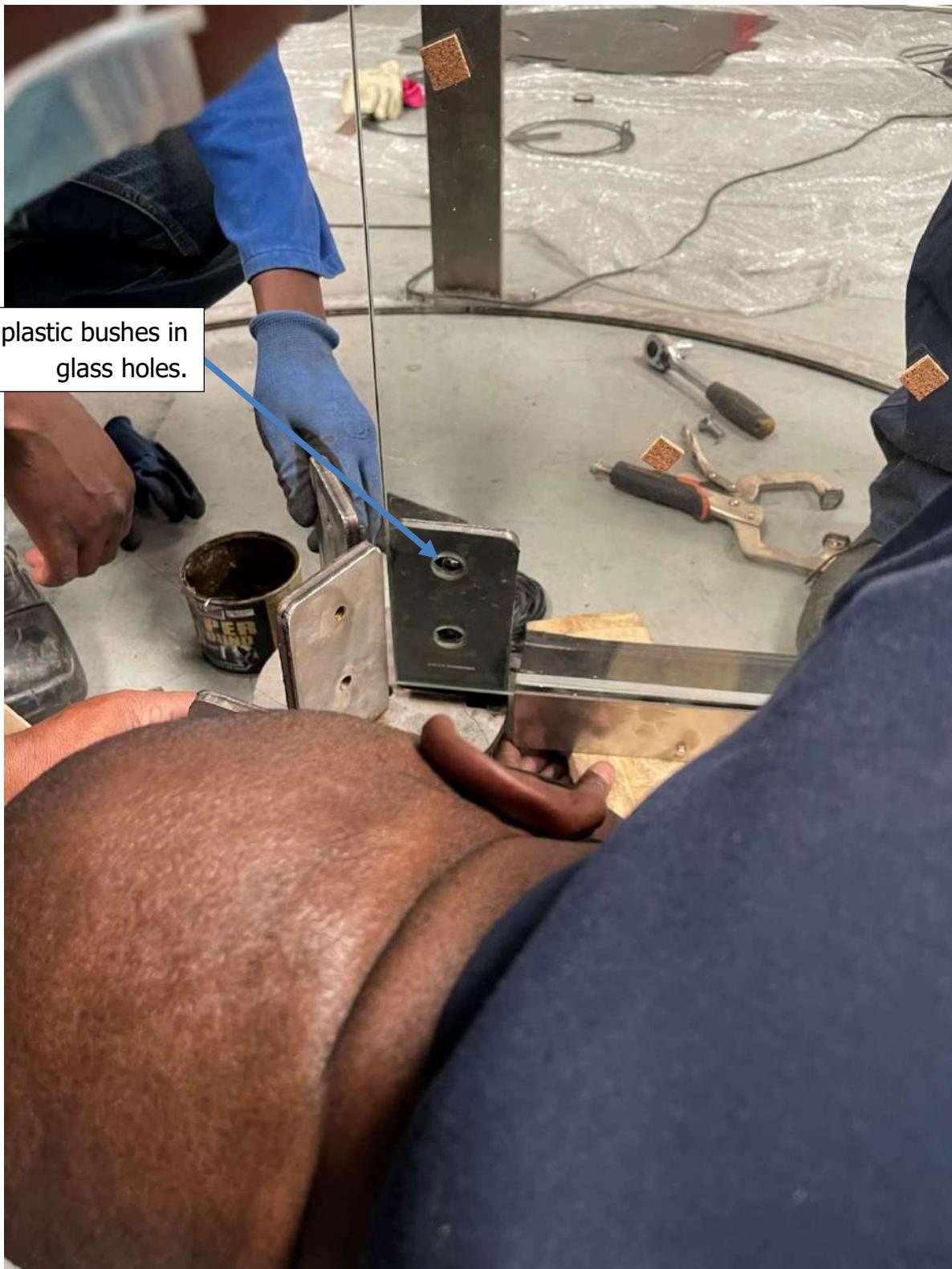


Figure 78: Place glass plastic bushes



Figure 79: Place glass clamp and screws



Figure 80: Place glass clamp and screws



Figure 81: Place glass clamp and screws



Figure 82: Plastic bush for glass holes



Figure 83: Plastic bush for glass holes 2



Figure 84: Plastic bush for glass holes 3

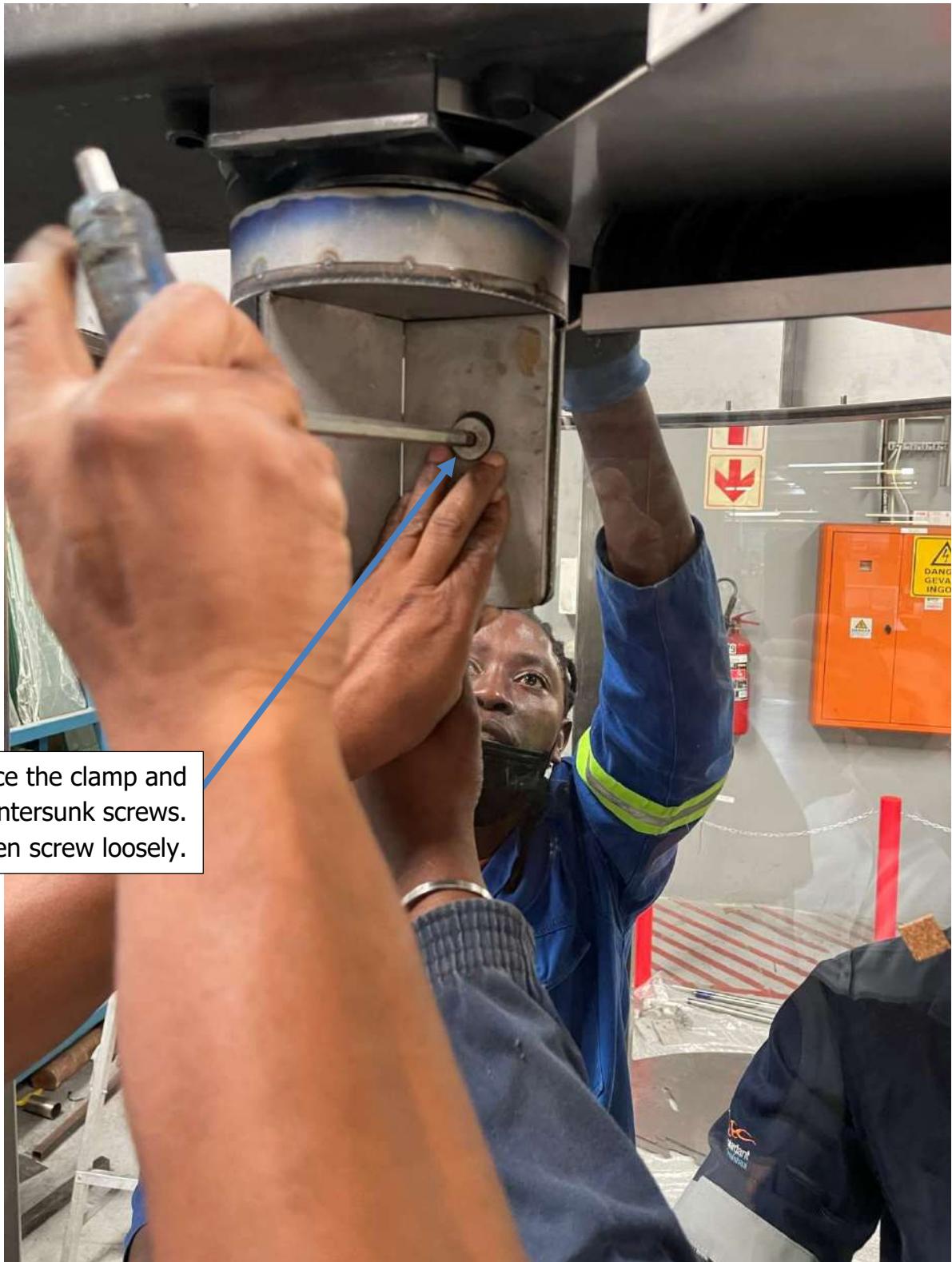


Figure 85: Top glass clamp and screw



Figure 86: Remove locating screw



Figure 87: Top glass clamp and screw 2



Figure 88: Tighten all glass screws



Figure 89: Fit center cable rubber tube



Figure 90: Fit center cable rubber tube 2

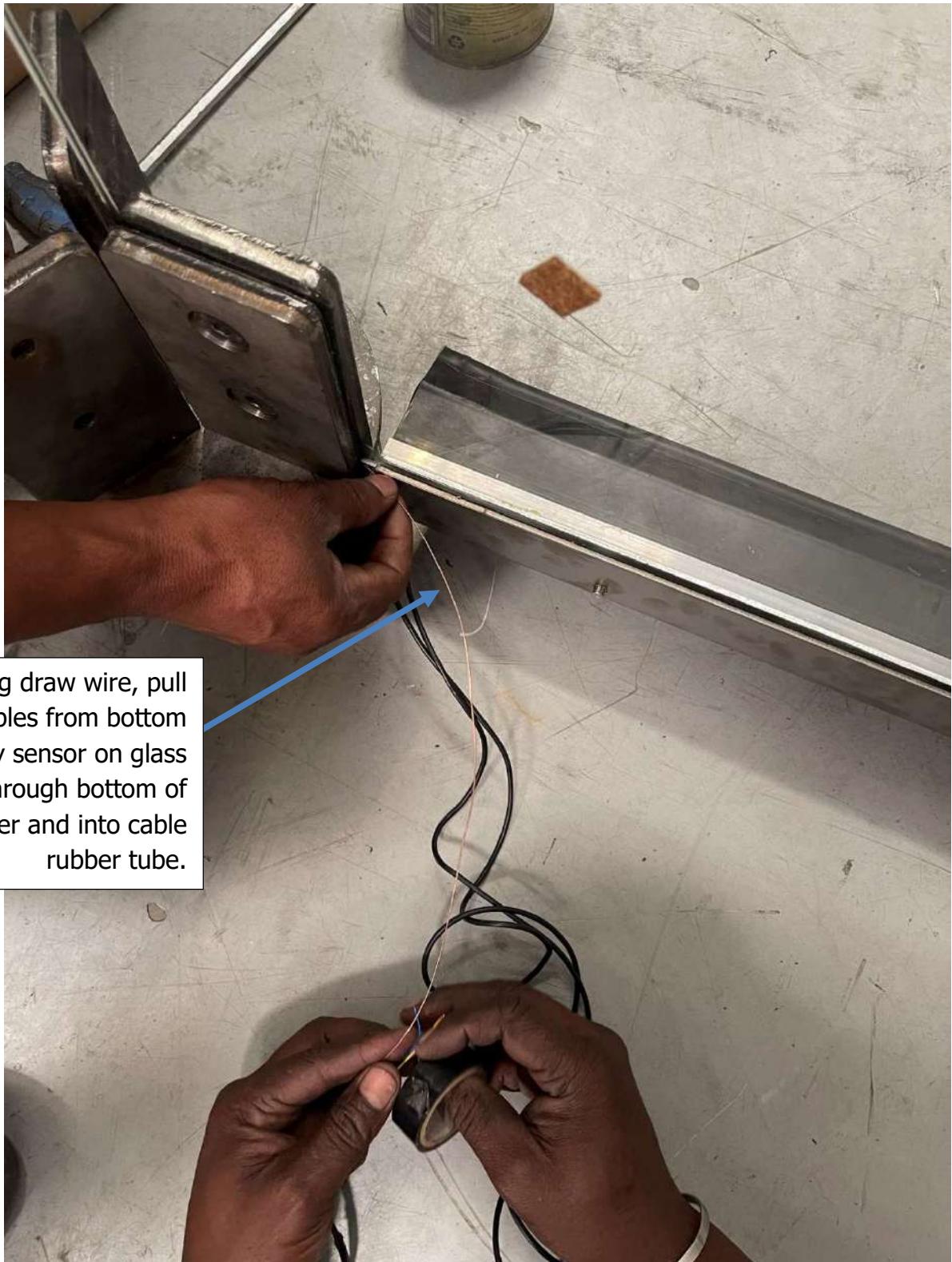


Figure 91: Pull safety sensor cables

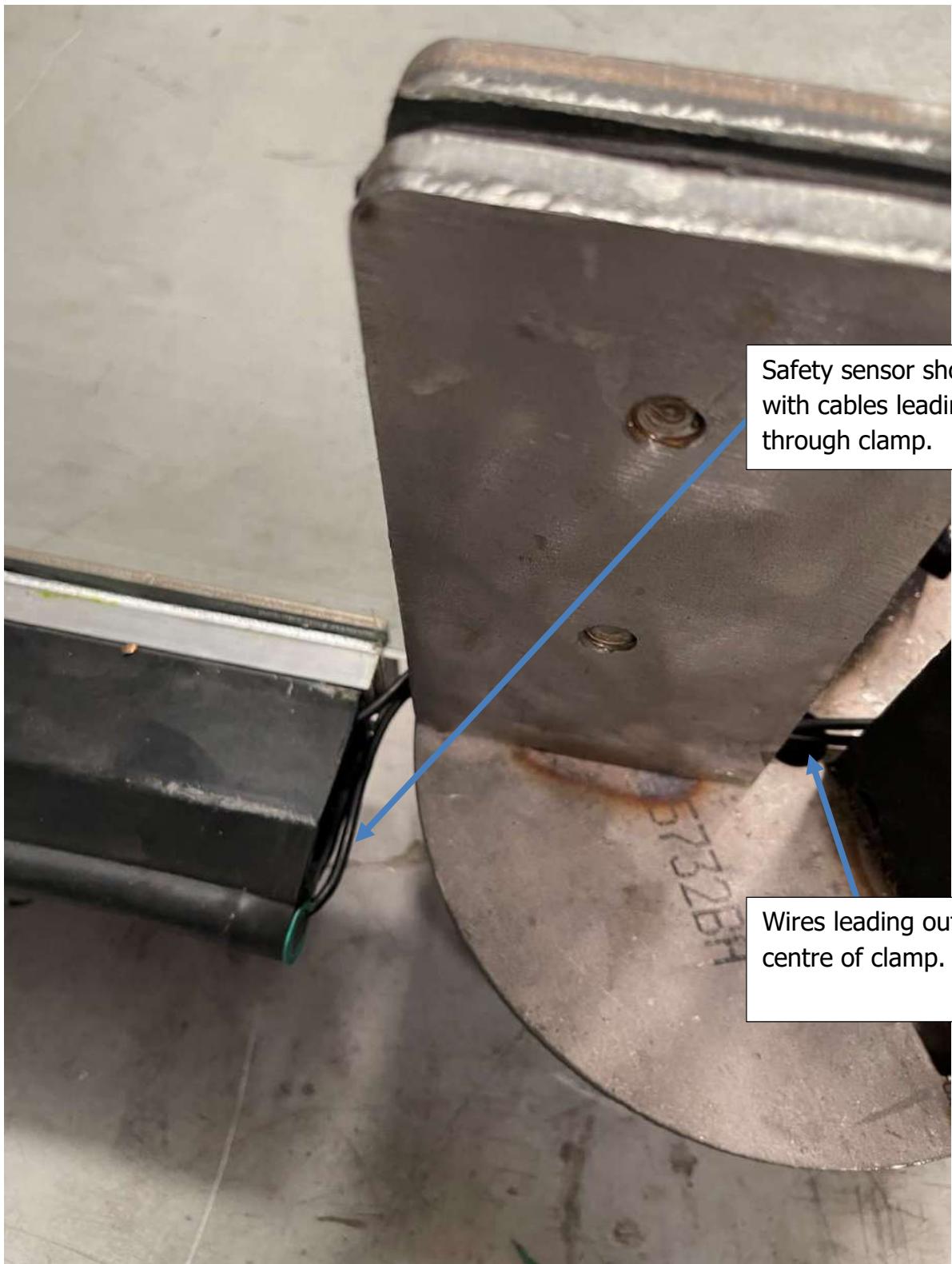


Figure 92: Pull safety sensor cables 2



Figure 93: Pull safety sensor cables 3



Figure 94: Pull safety sensor cables through motor shaft



Figure 95: Remove clamp ring



Figure 96: Slip ring structure & proximity plate



Figure 97: Slip ring structure & proximity plate 2



Figure 98: Slip ring



Figure 99: Slip ring 2



Figure 100: Slip ring 3

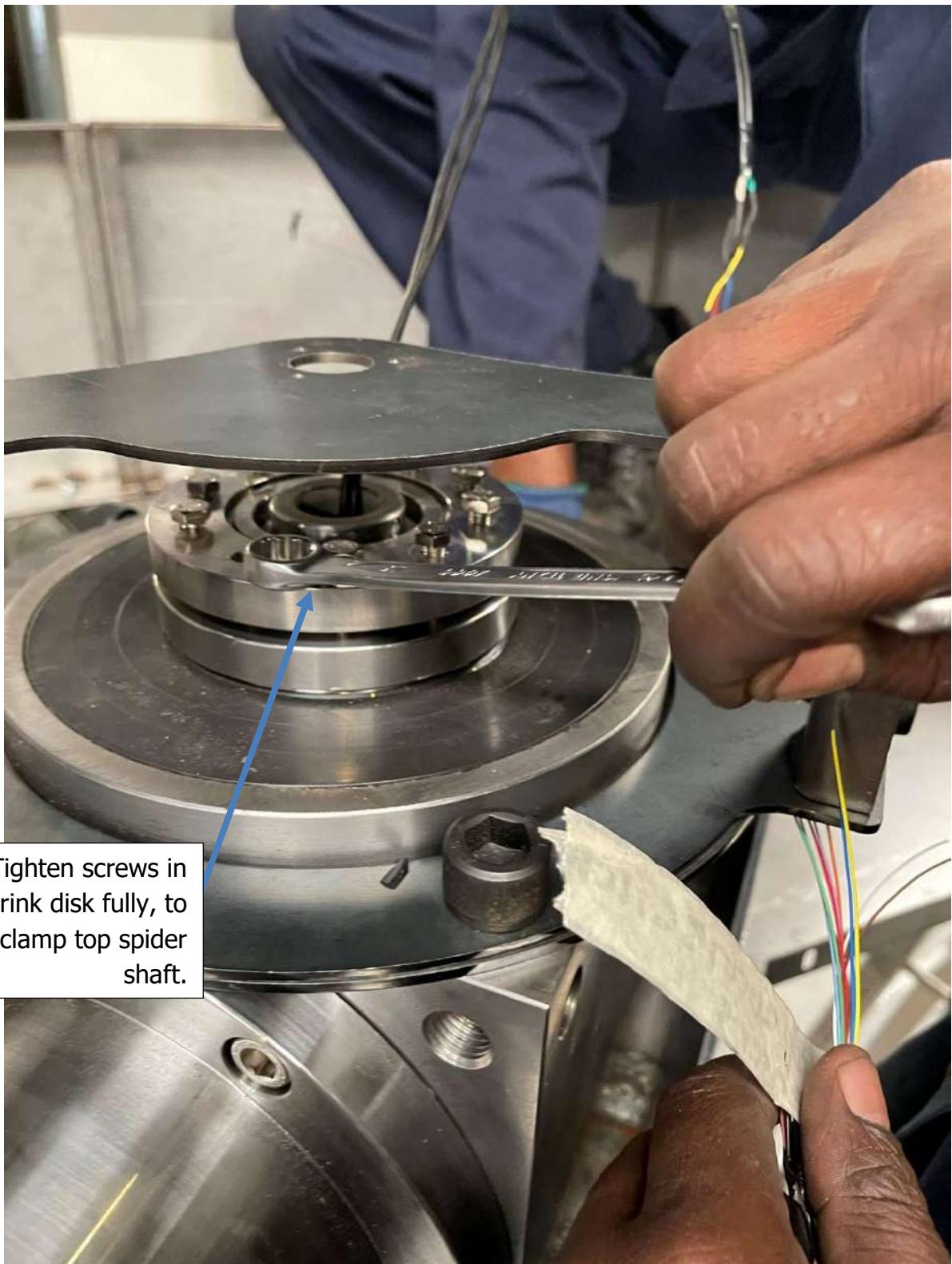


Figure 101: Tighten Shrink disk

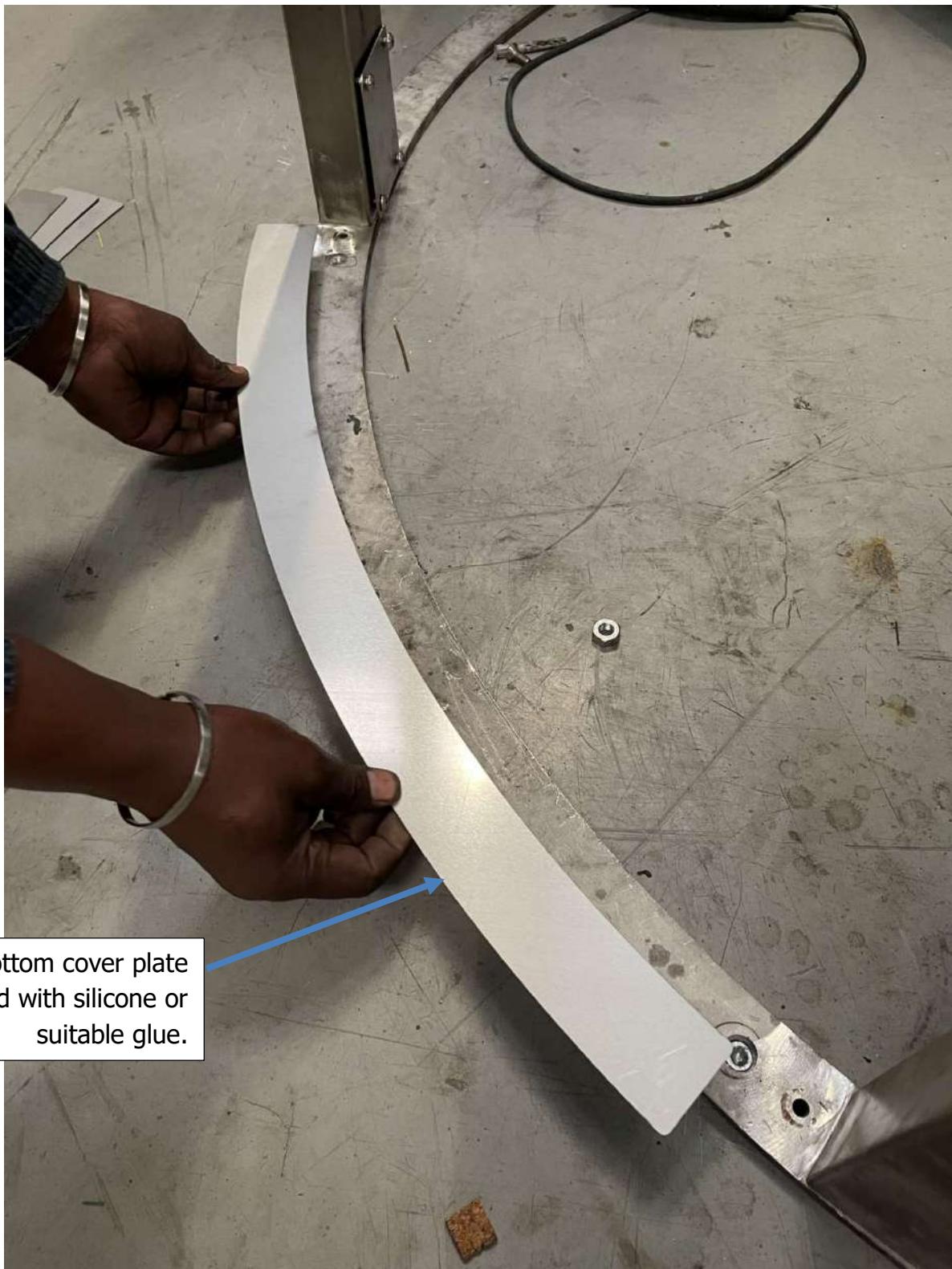
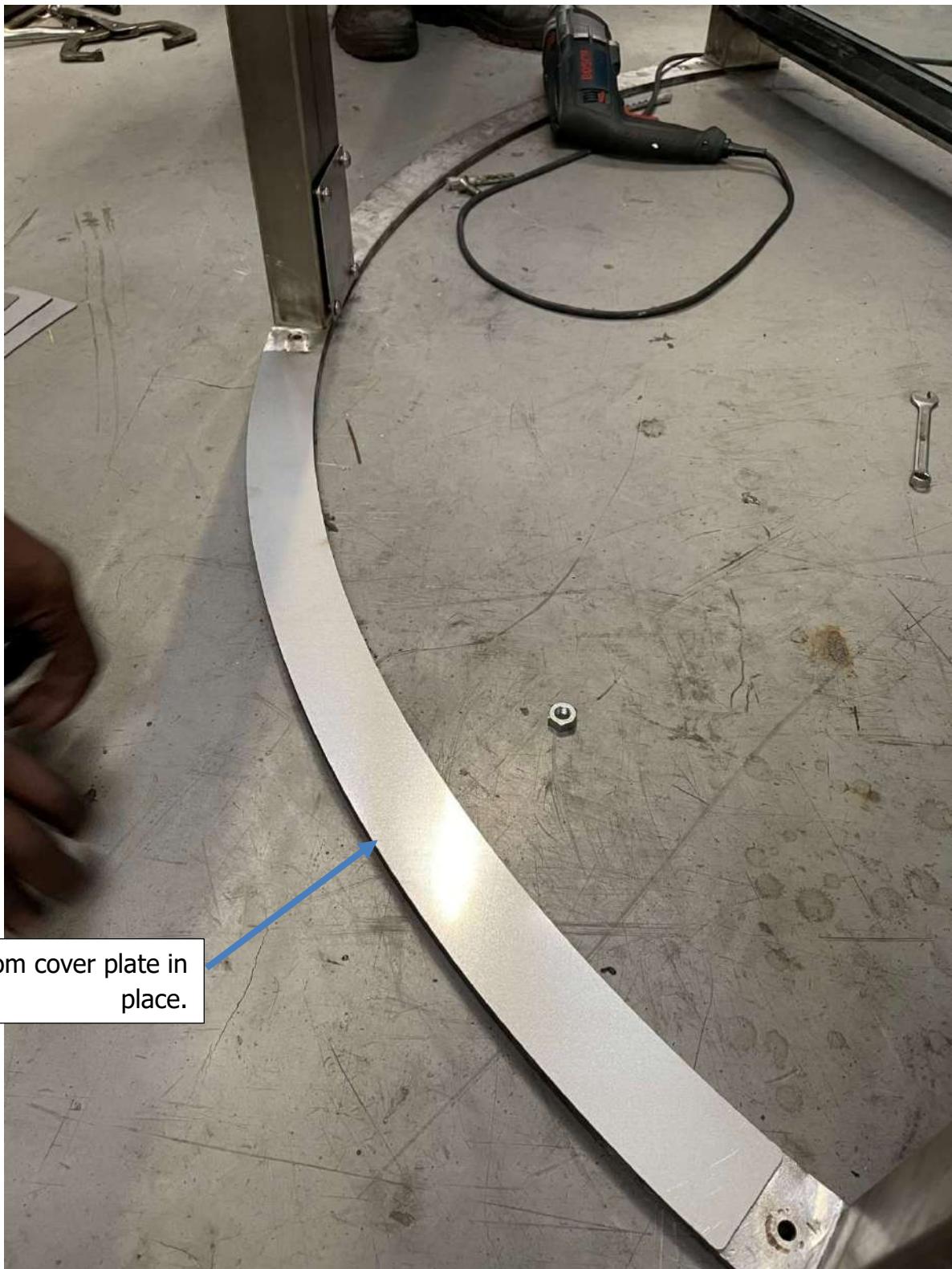


Figure 102: Bottom cover plate



Bottom cover plate in place.

Figure 103: Fix bolts and place bottom cover plate



Glass clamp in corner with button head screw as example. Fit the clamps to the corners of the curved glass before placing. Clamps to be placed in 4x corners per opening, 2 at the bottom and 2 at the top.

Figure 104: Glass clamps in corners

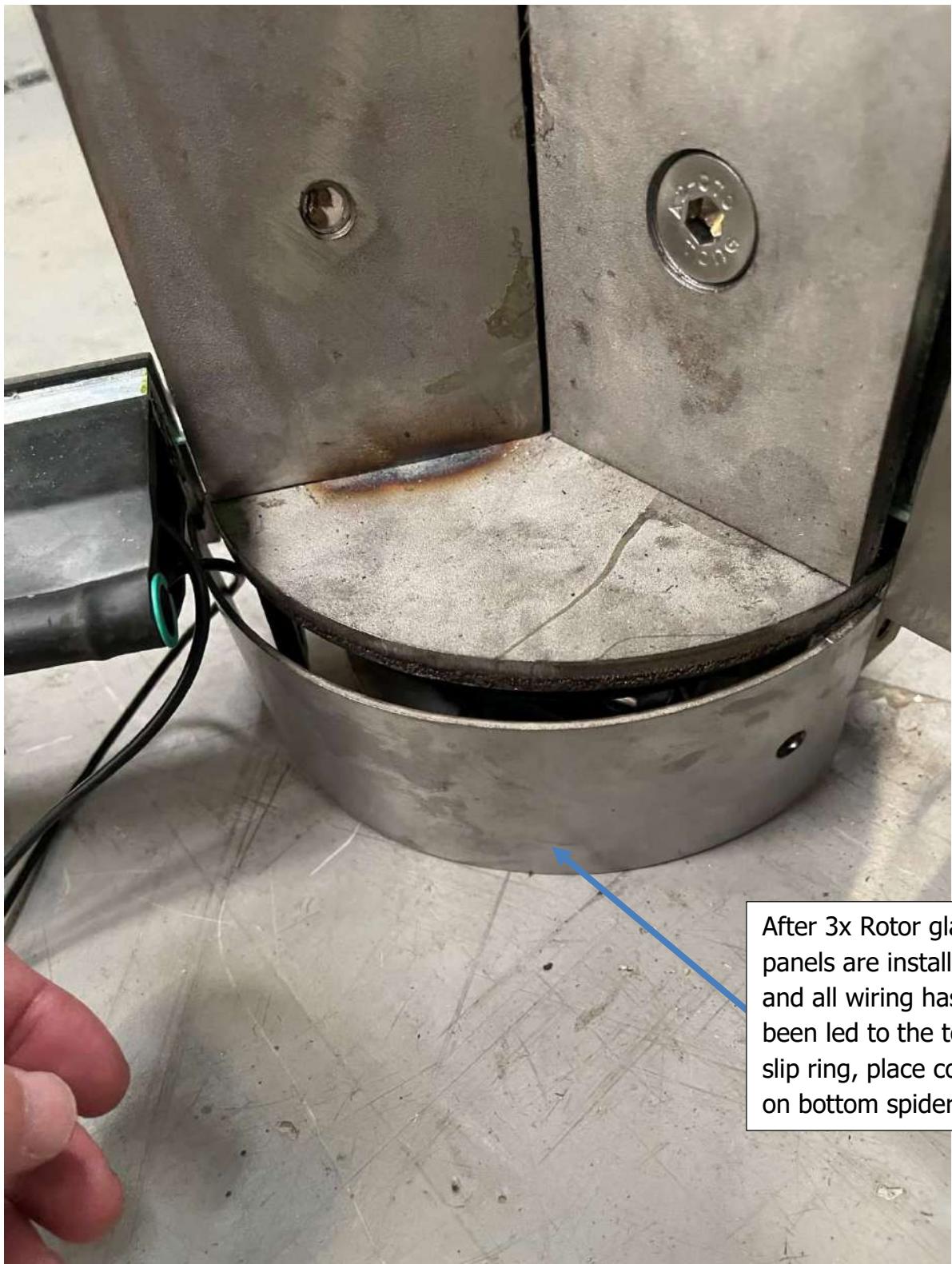


Figure 105: Bottom spider covers



Figure 106: Safety edges on uprights



Figure 107: Safety edges on uprights 2



Figure 108: Slip ring connections

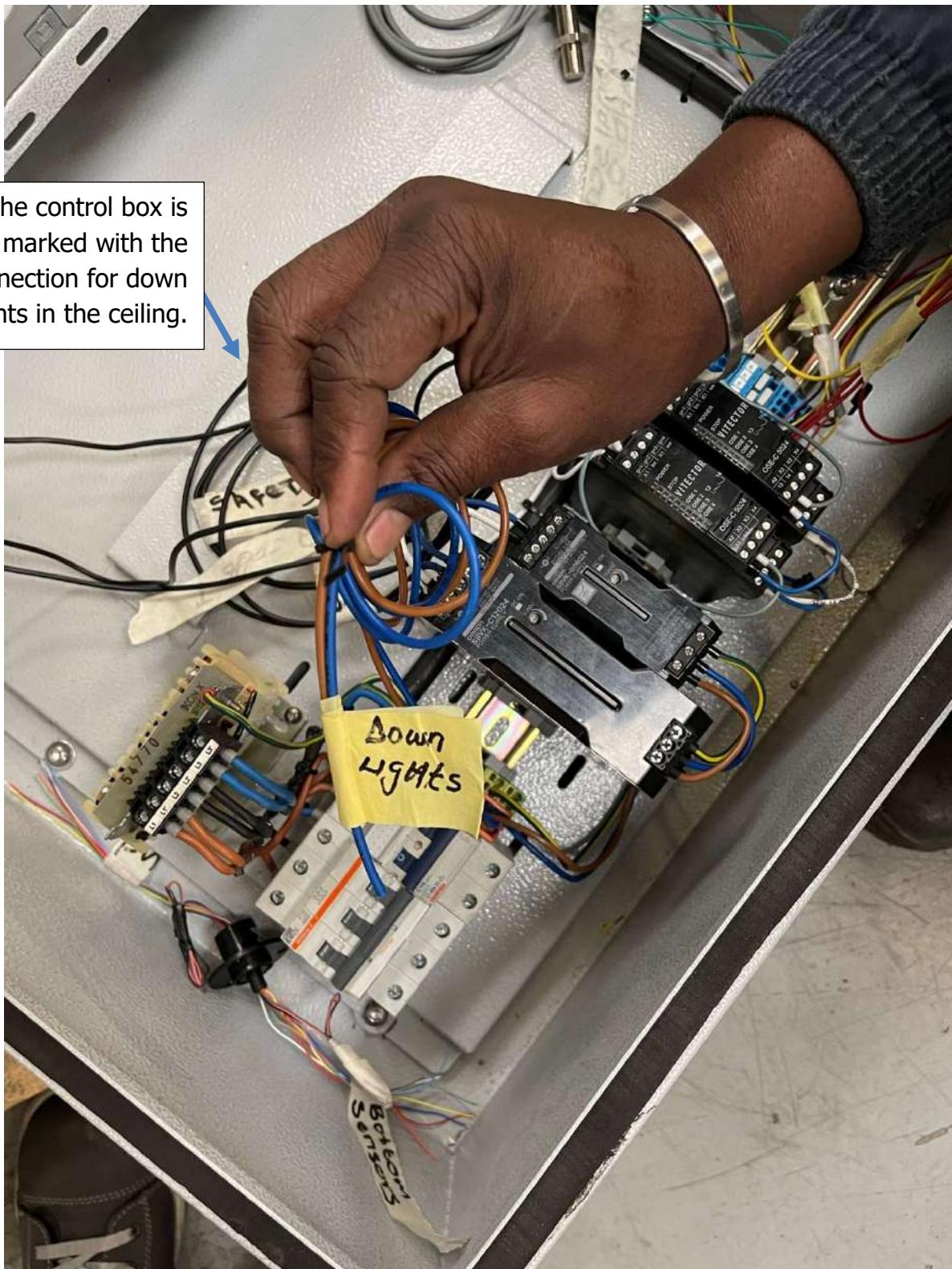


Figure 109: Down light connections

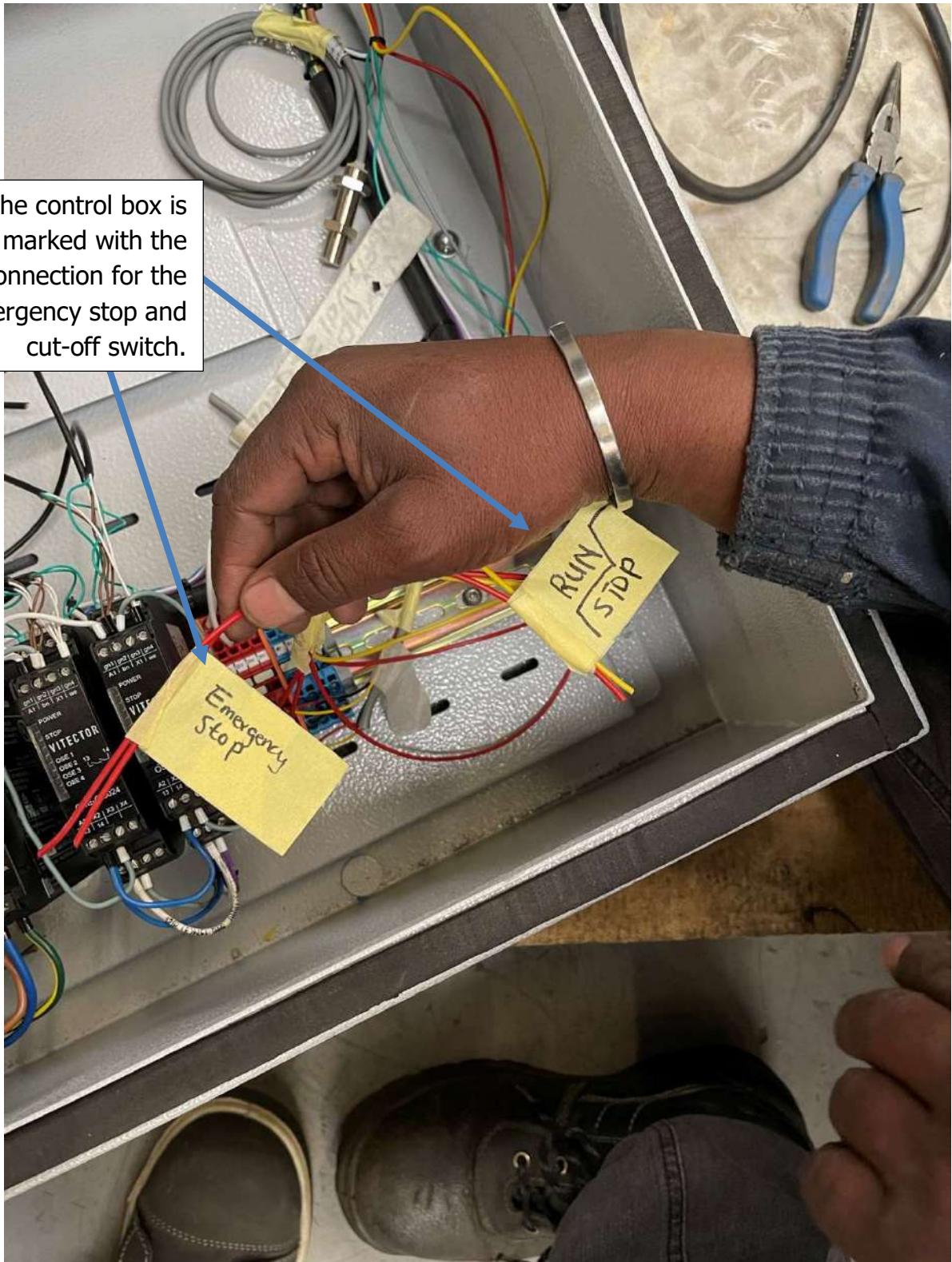


Figure 110: Emergency stop & cut-off switch connections

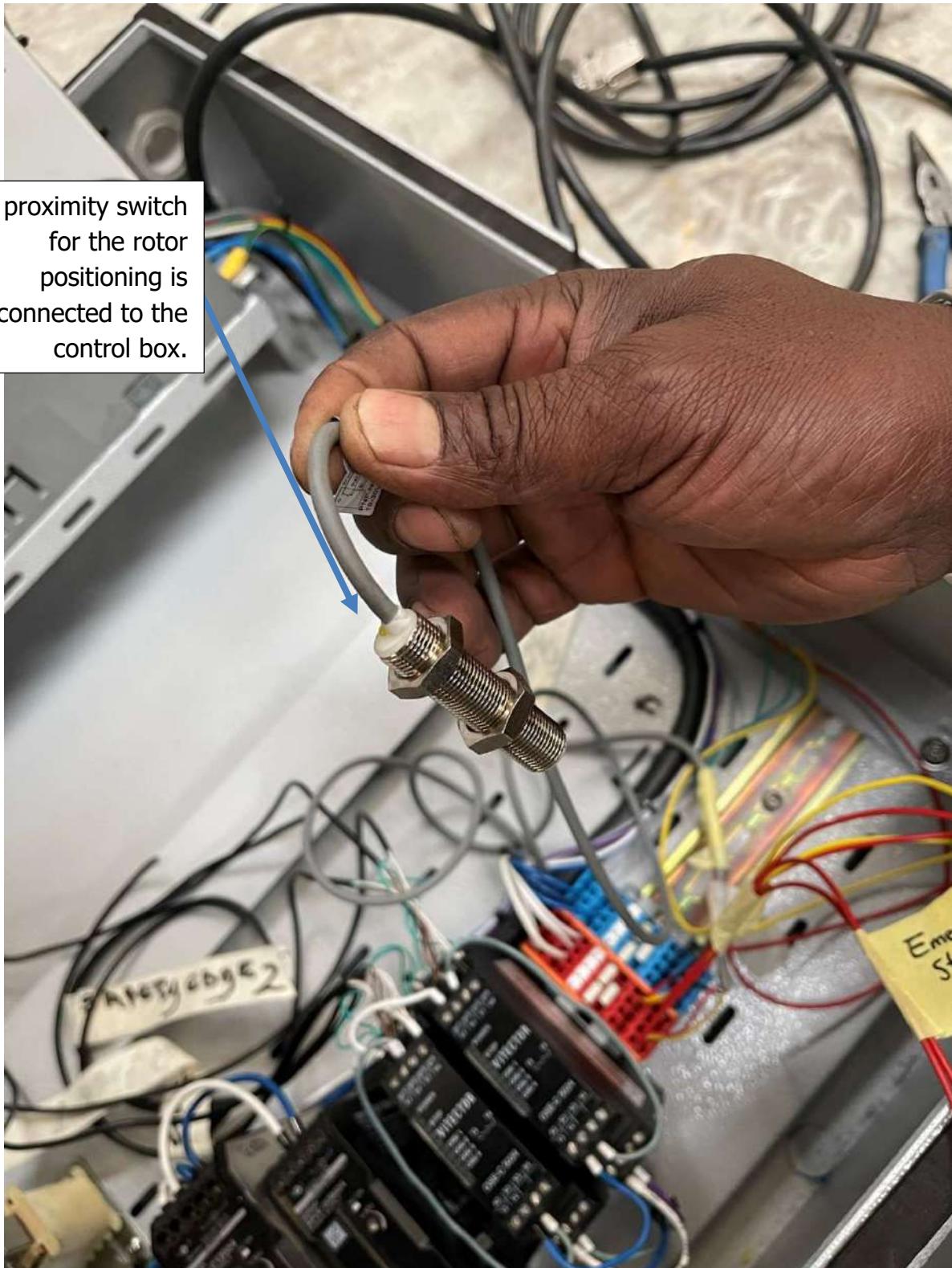


Figure 111: Proximity switch connection

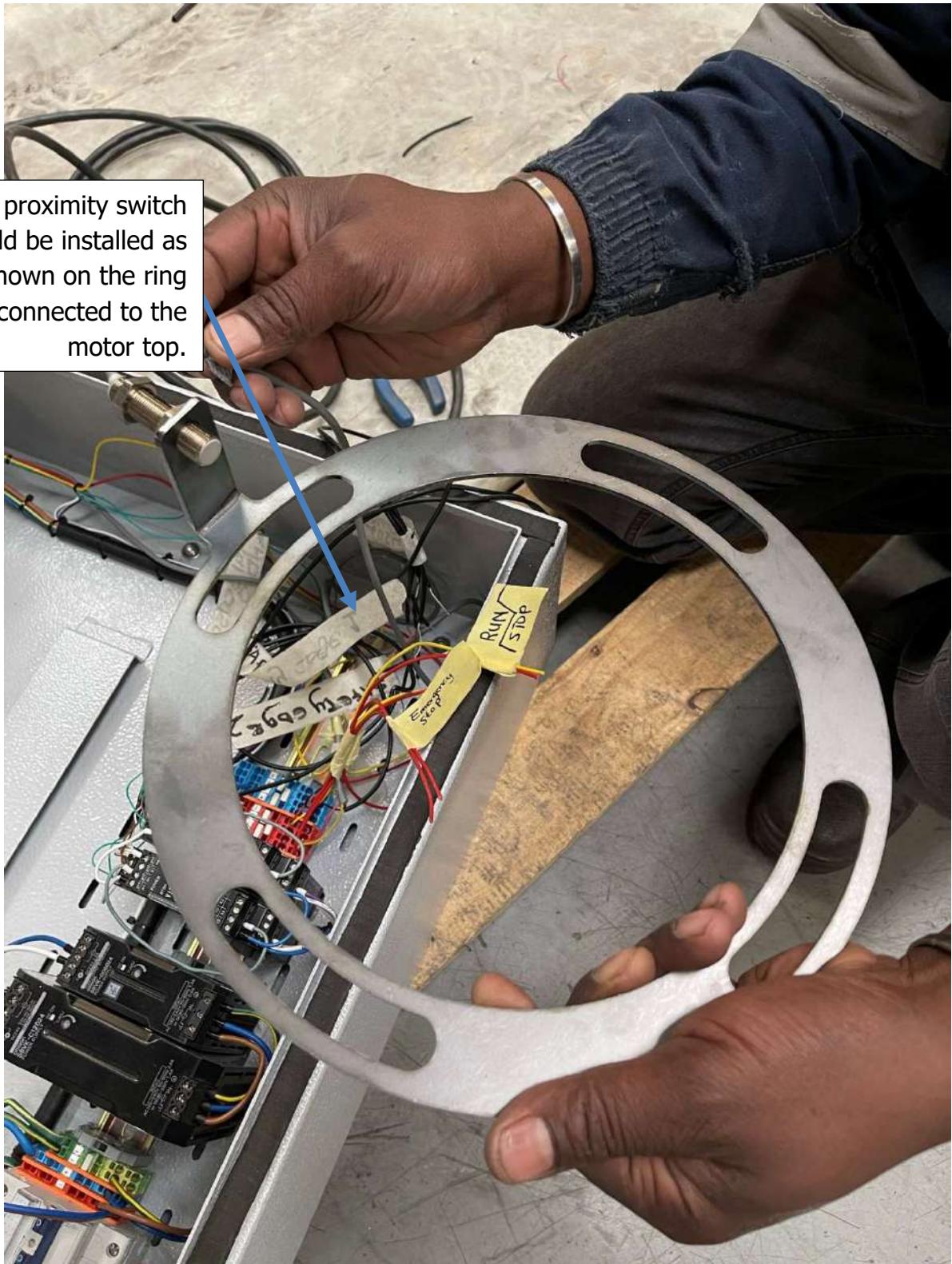


Figure 112: Proximity switch placement

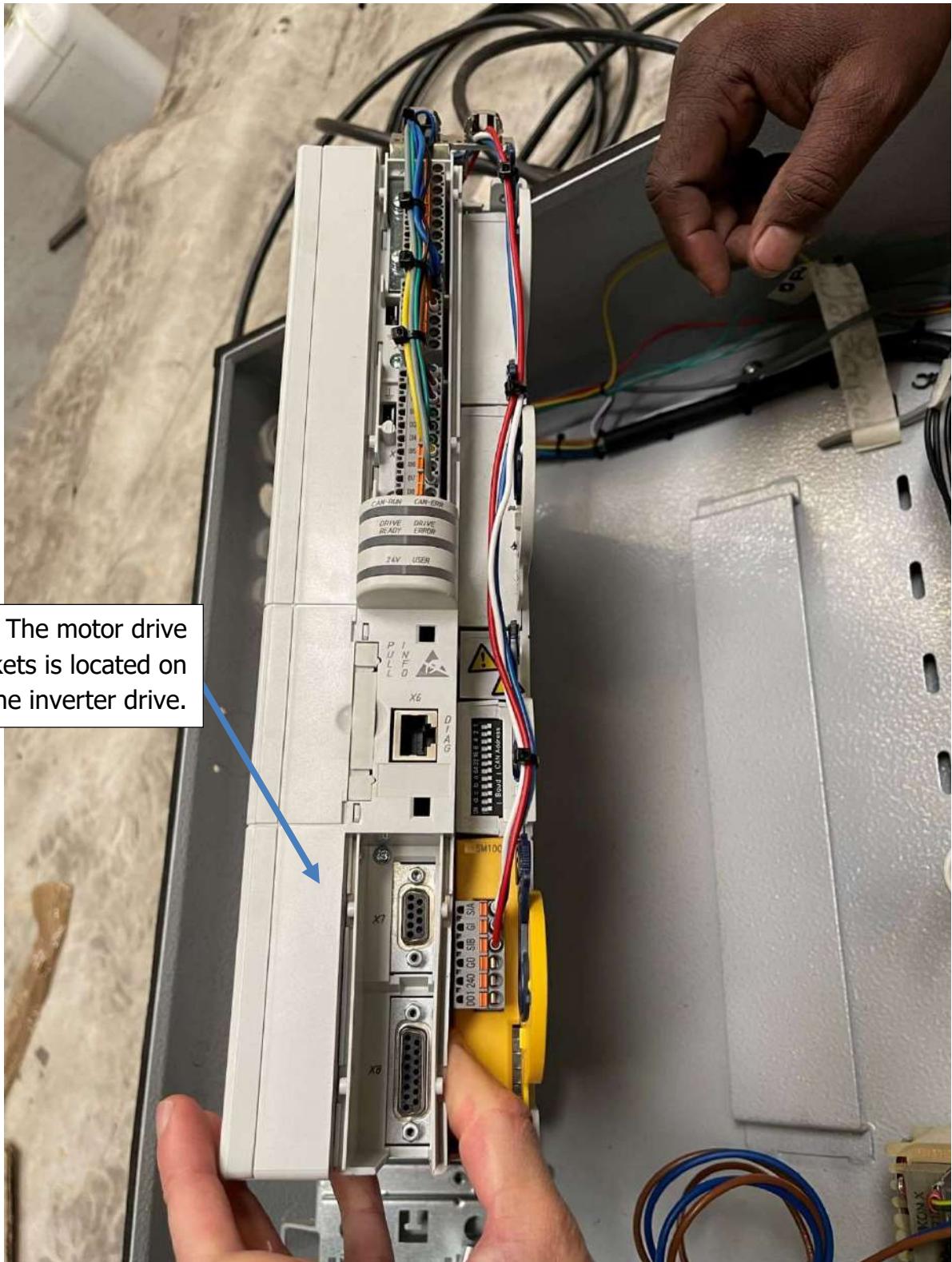


Figure 113: Motor connection sockets

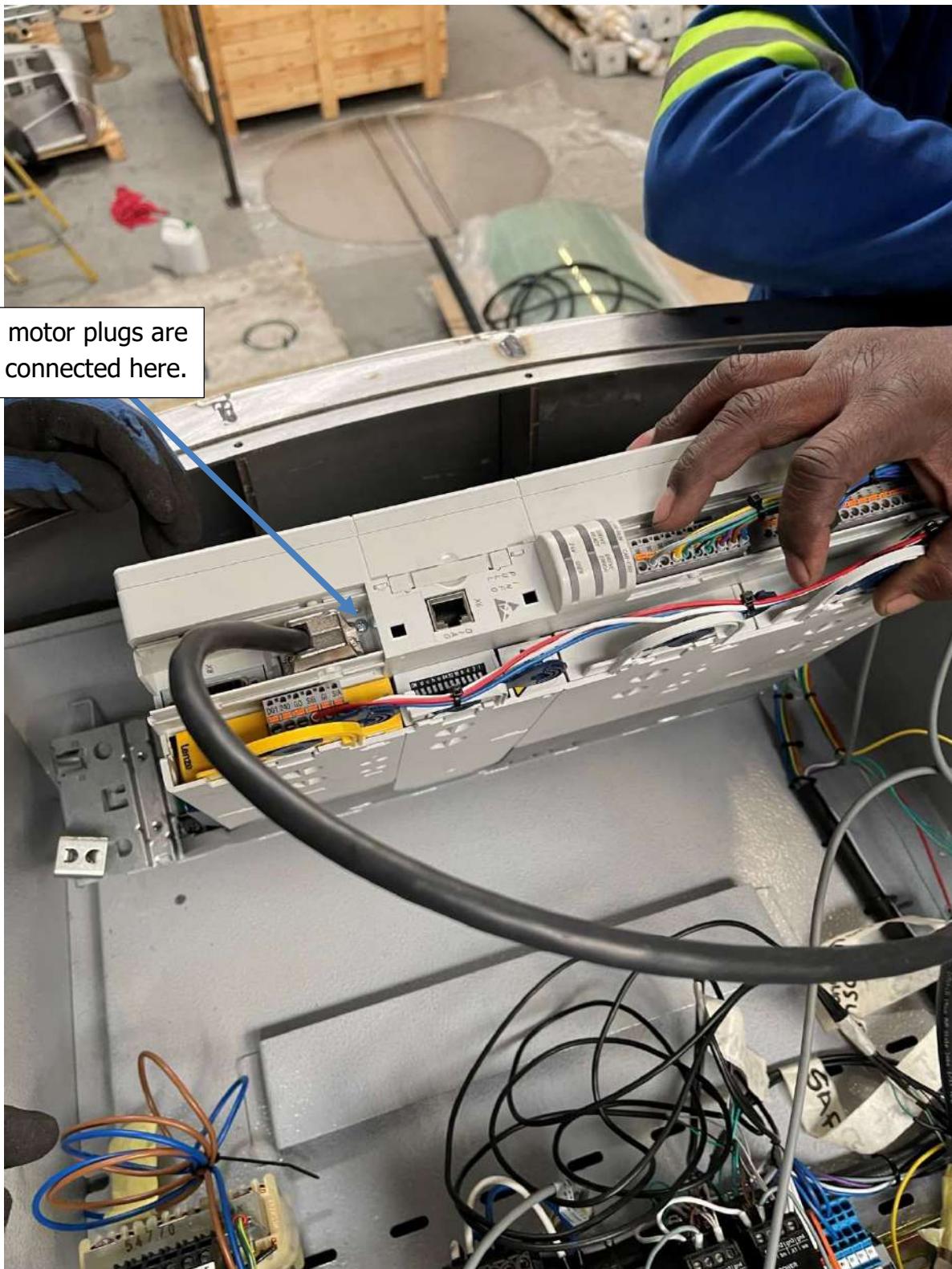


Figure 114: Motor connection



Figure 115: Cables to control box



Figure 116: Motor plug

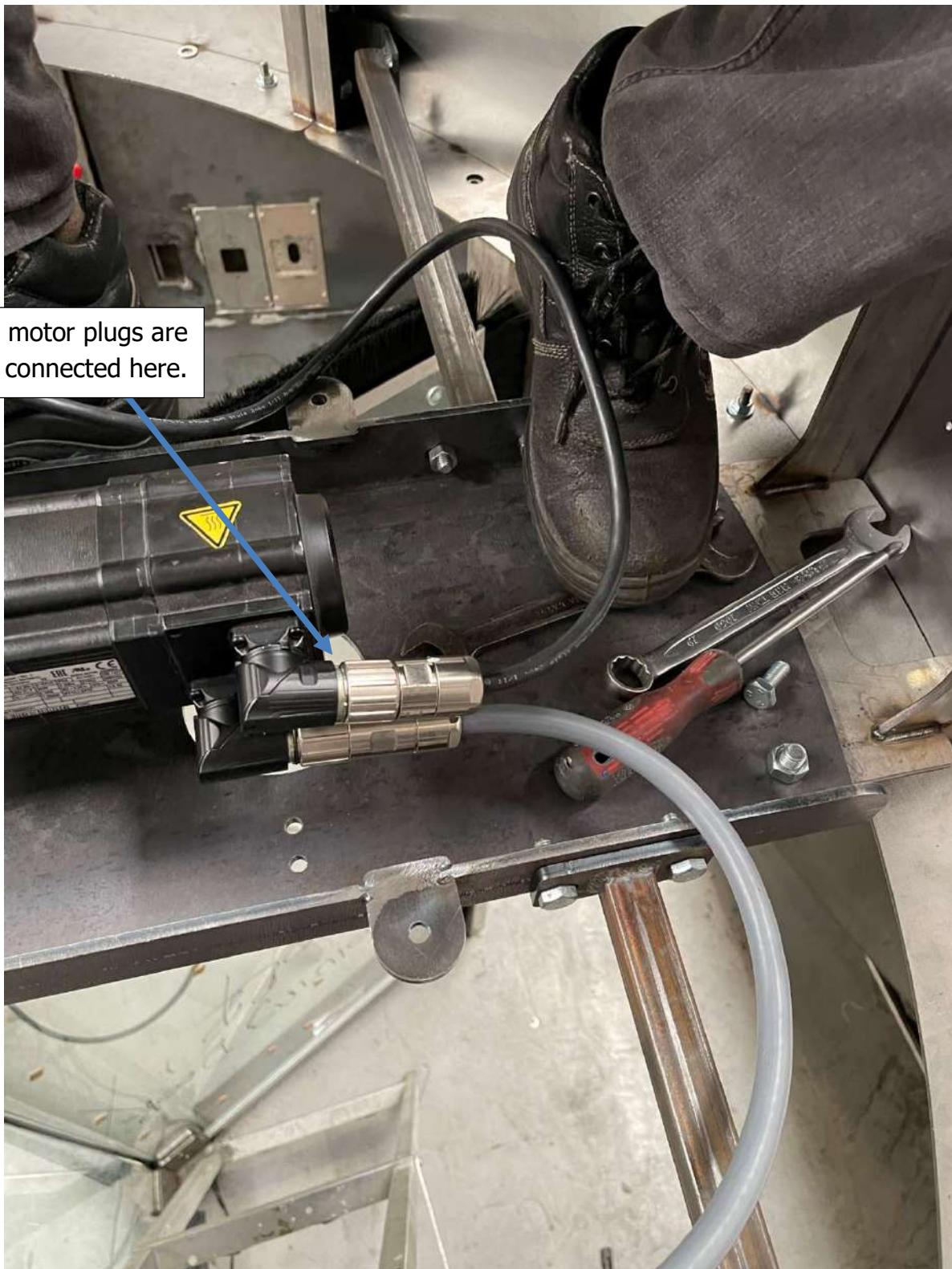


Figure 117: Motor connection

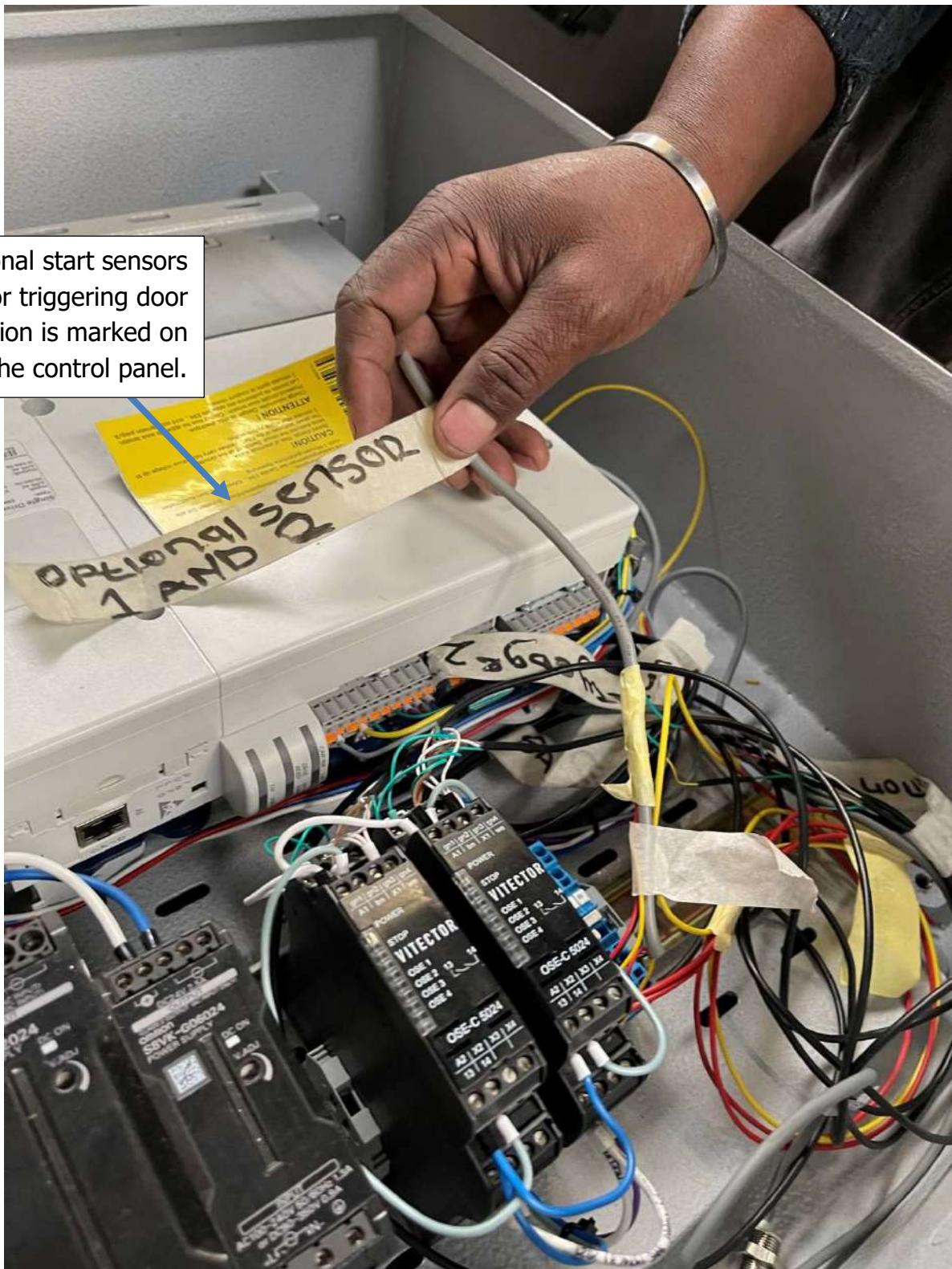


Figure 118: Optional sensors

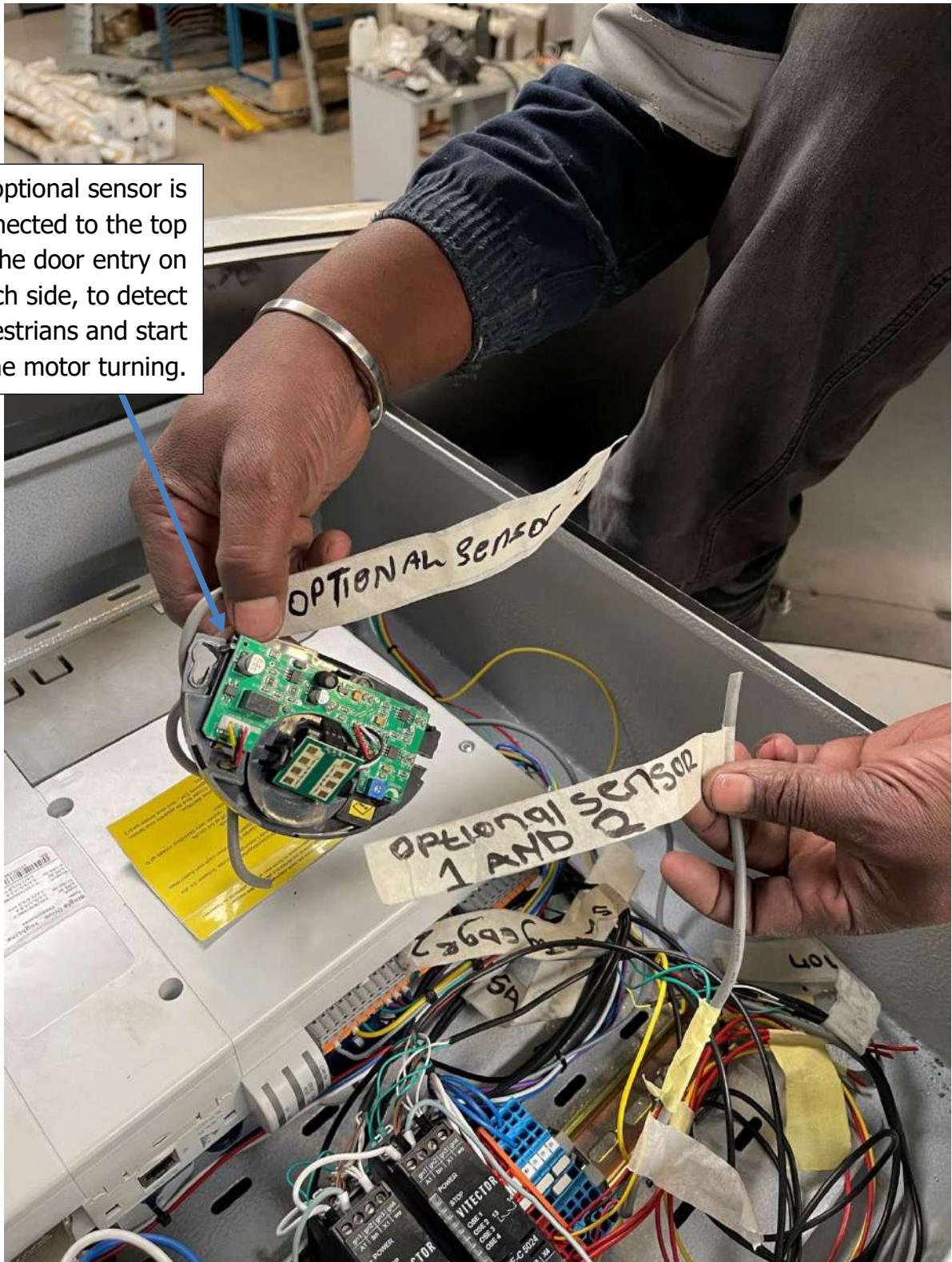


Figure 119: Optional sensors 2