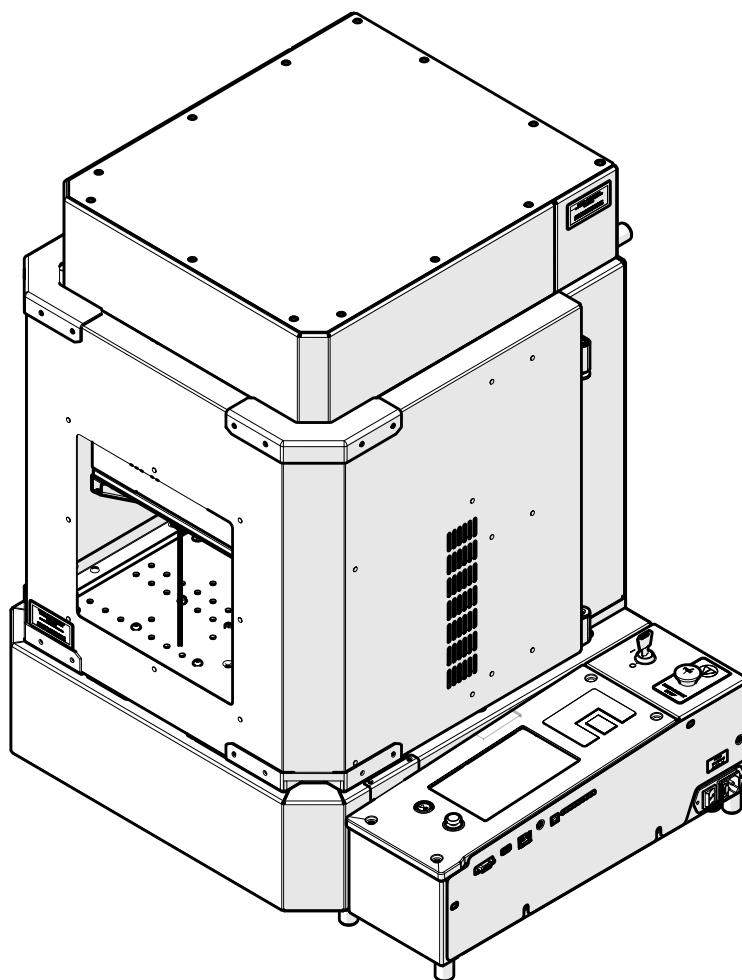


Door Motor Replacement G100



Parts Required

- GC0027 - Assy, Motor, Door

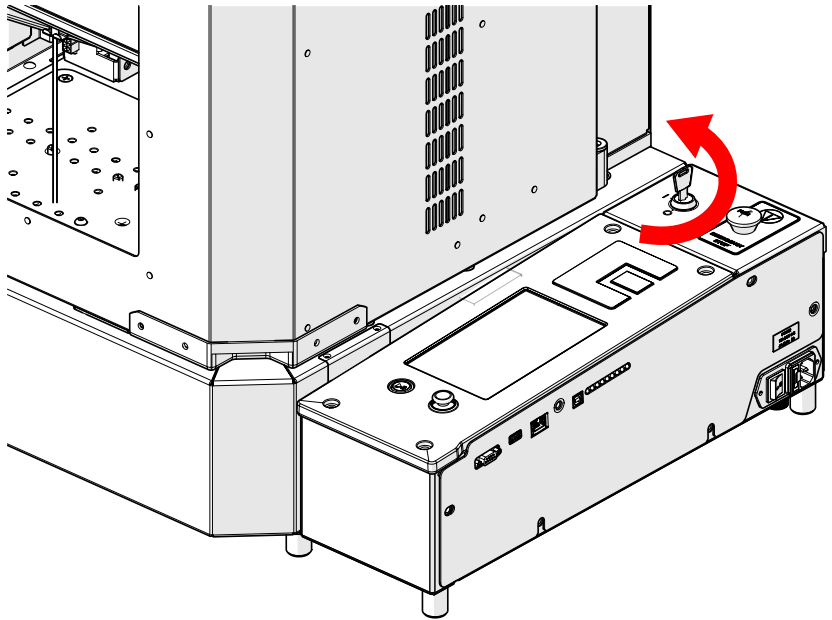
Tools Required

- T30, T20, T10 Torx Driver
- 9/64" Allen Wrench

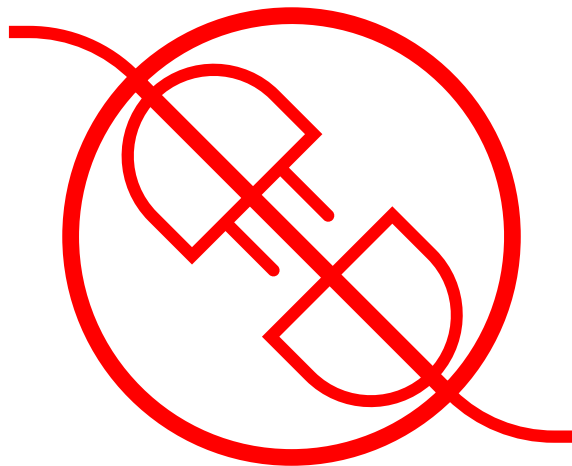
The procedure shown in this document outlines the replacement of the right side door motor. The replacement of the left side door motor is identical.

Door Motor Removal

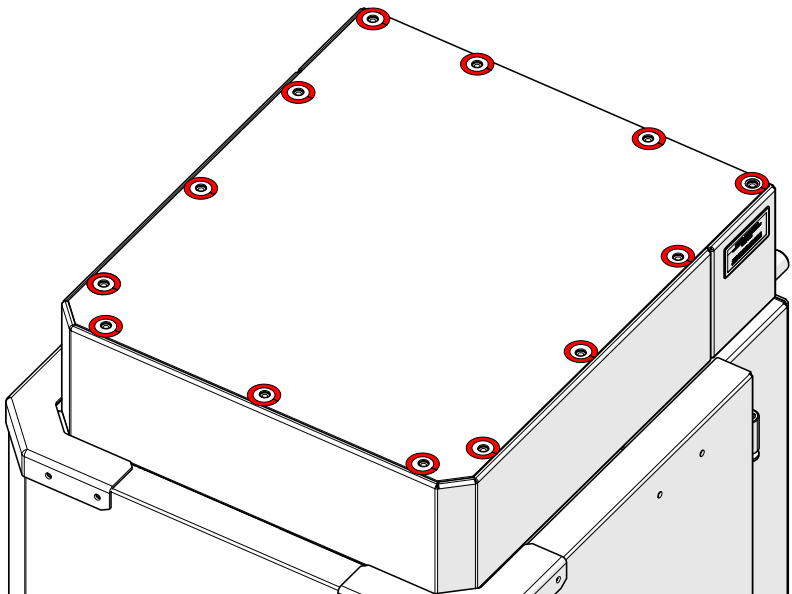
1. Turn off engraver



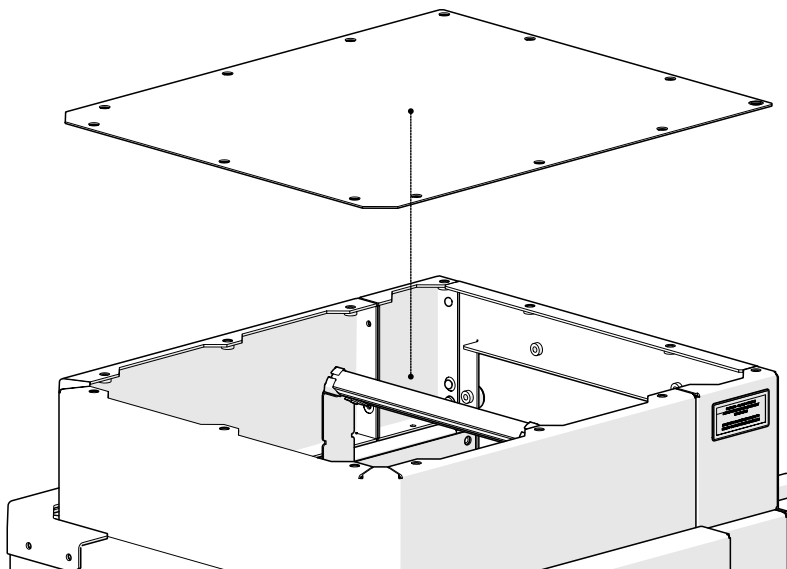
2. Disconnect from power



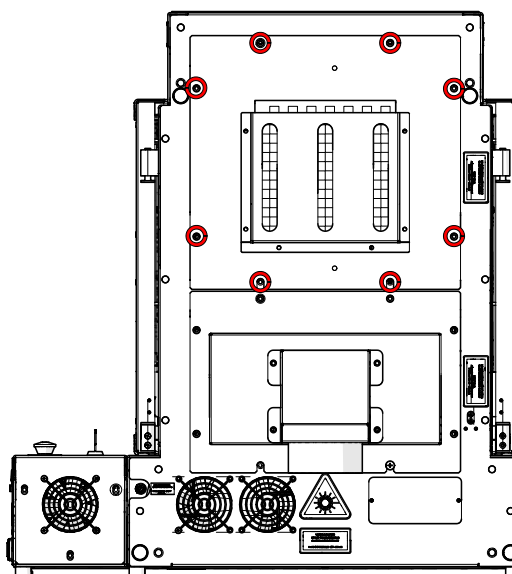
3. Loosen and remove



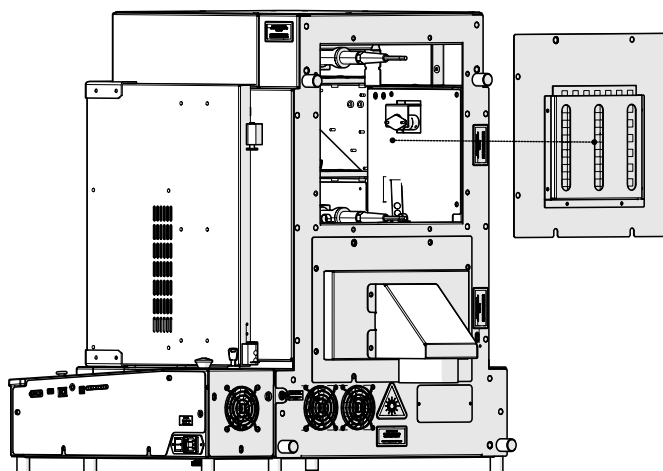
4. Remove panel



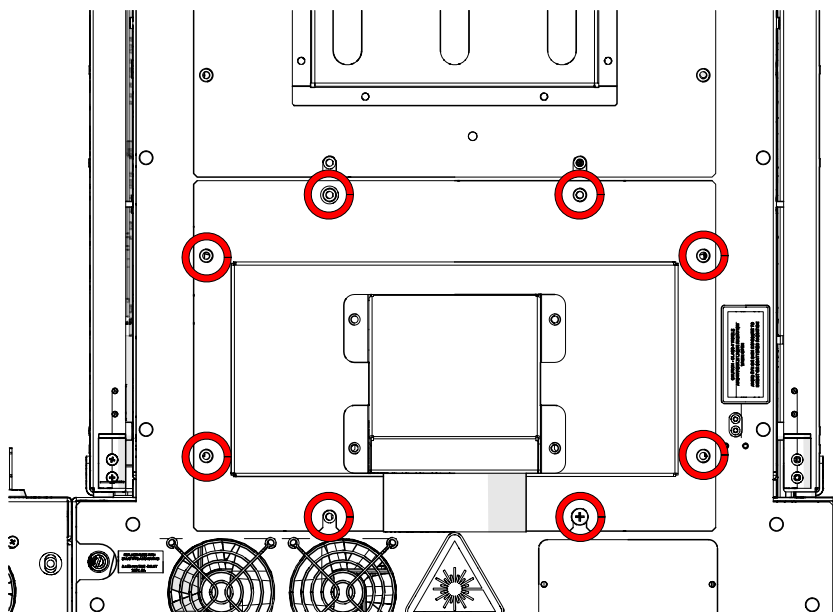
5. Loosen and remove



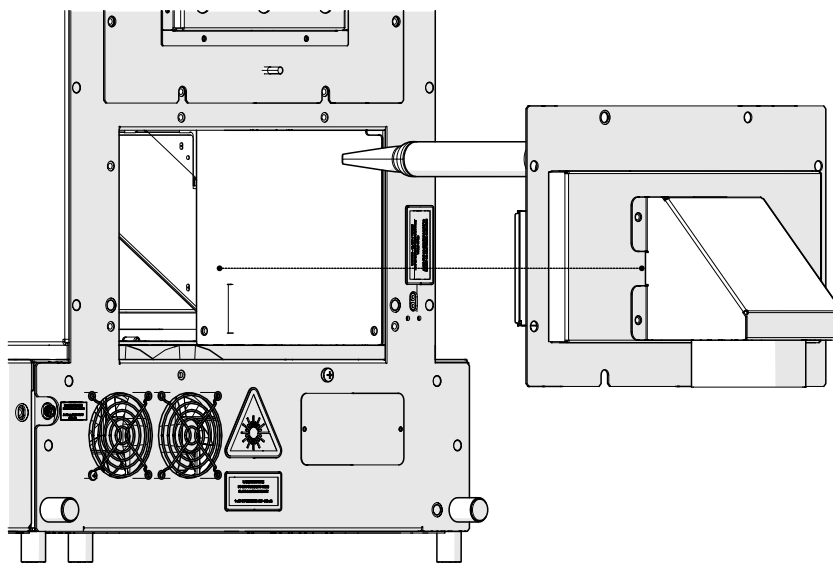
6. Remove panel



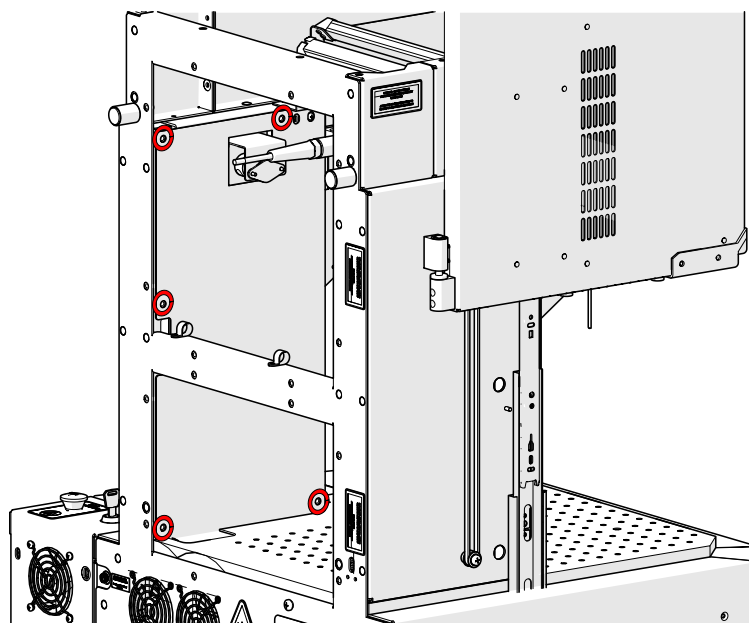
7. Loosen and remove



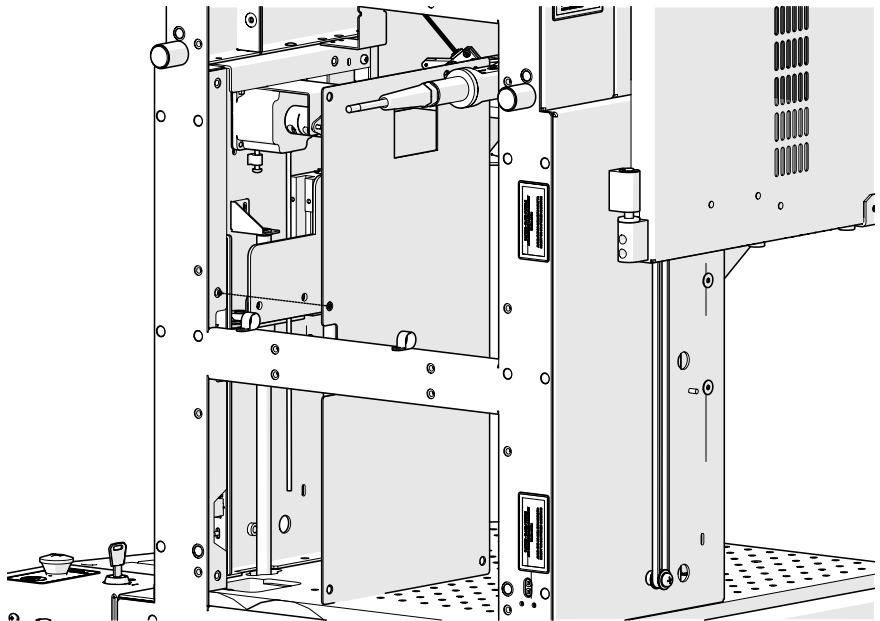
8. Remove panel



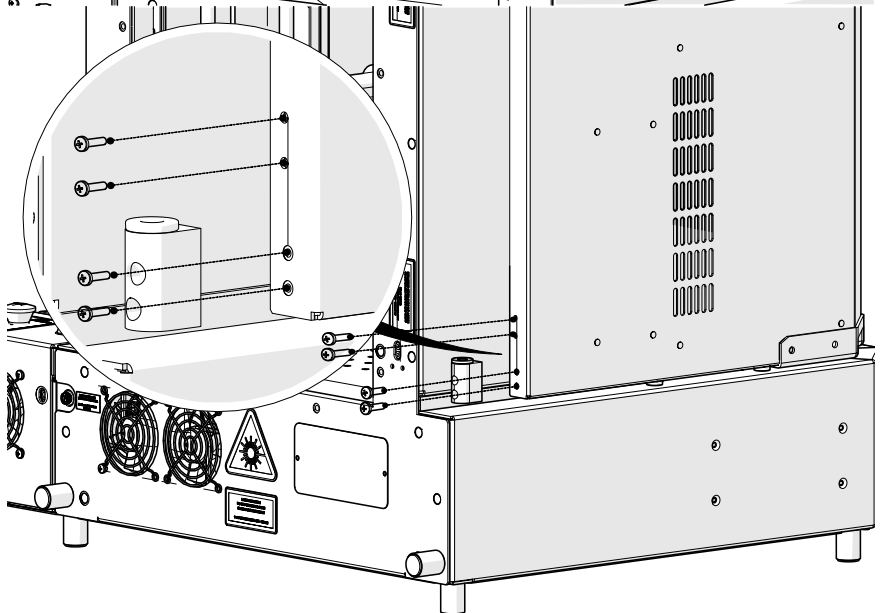
9. Loosen and remove



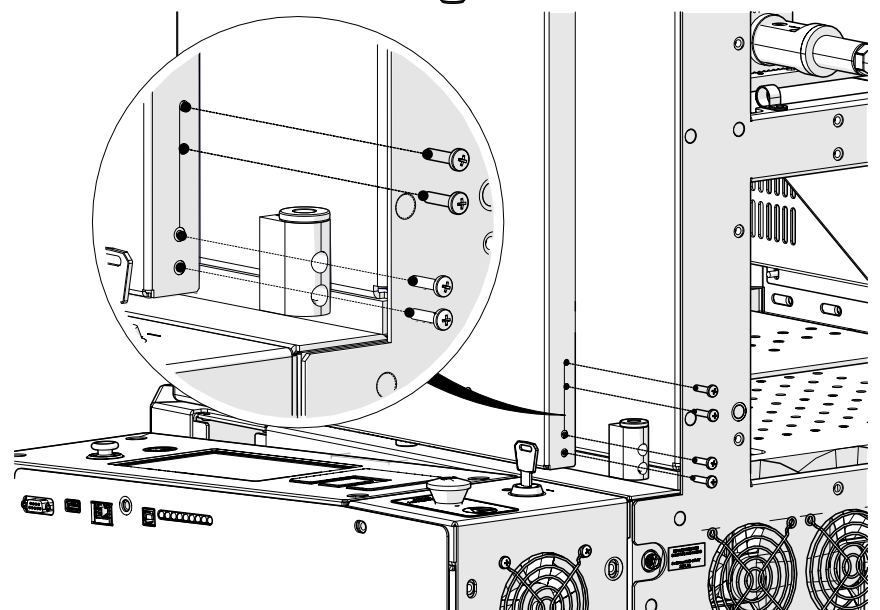
10. Remove panel



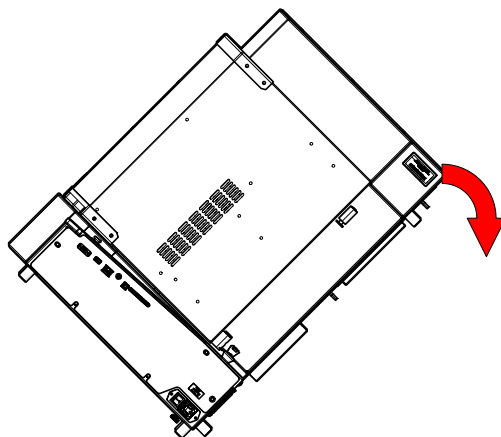
11. Loosen and remove



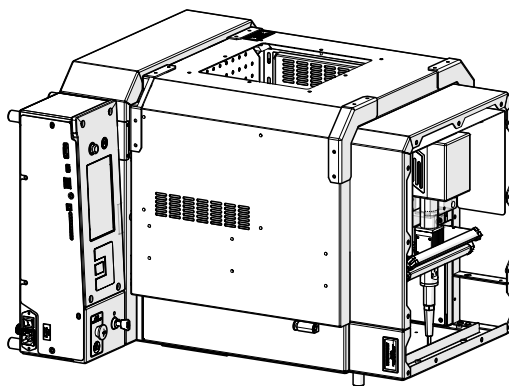
12. Loosen and remove



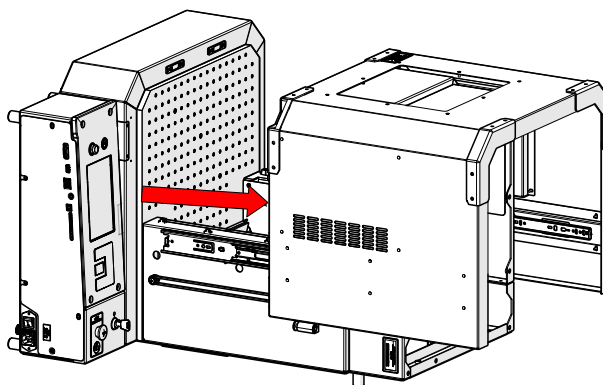
13. Tilt engraver



14. Lay engraver on back

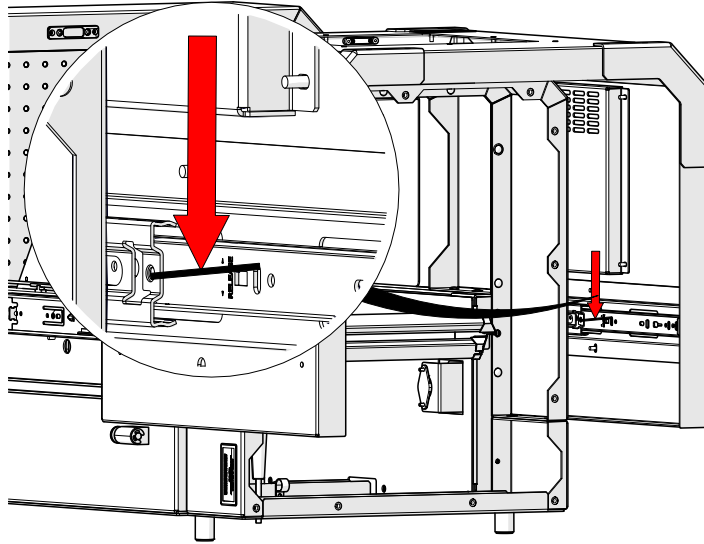


15. Open door

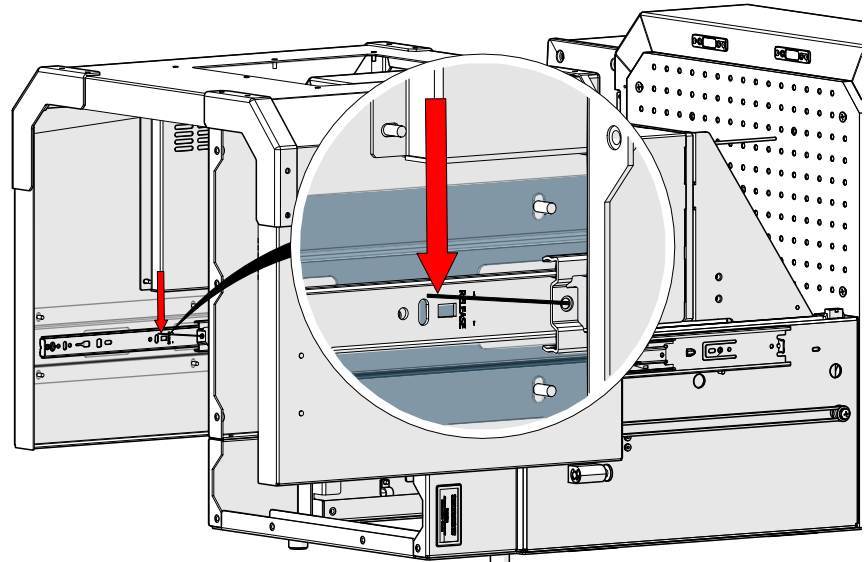


18000 - Door Motor Replacement

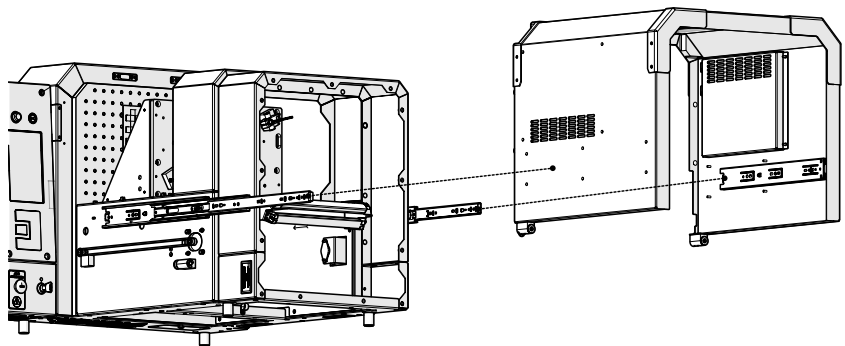
16. Depress slide lever



17. Depress slide lever

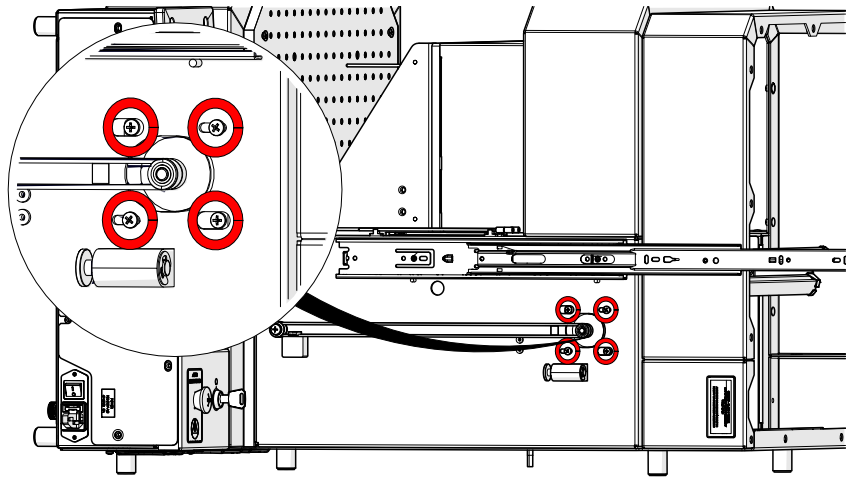


18. Remove door

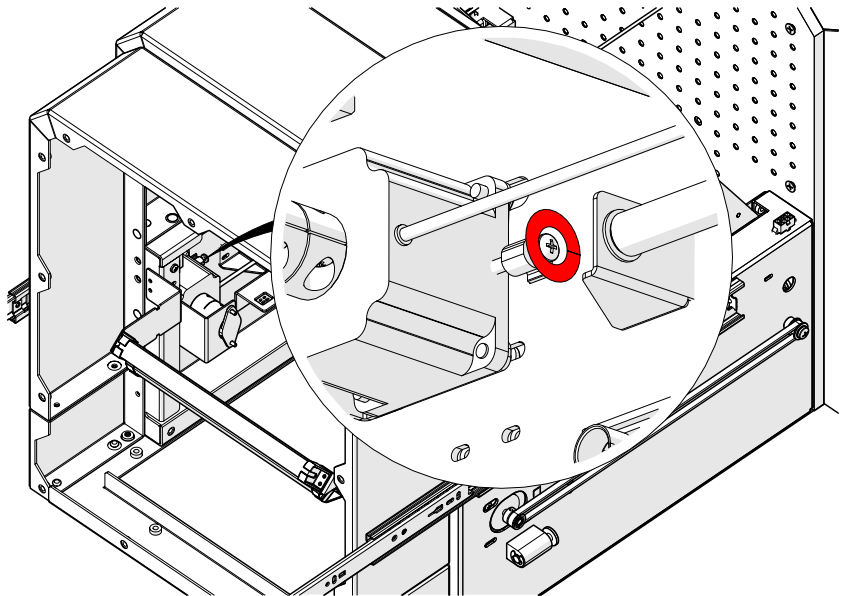


18000 - Door Motor Replacement

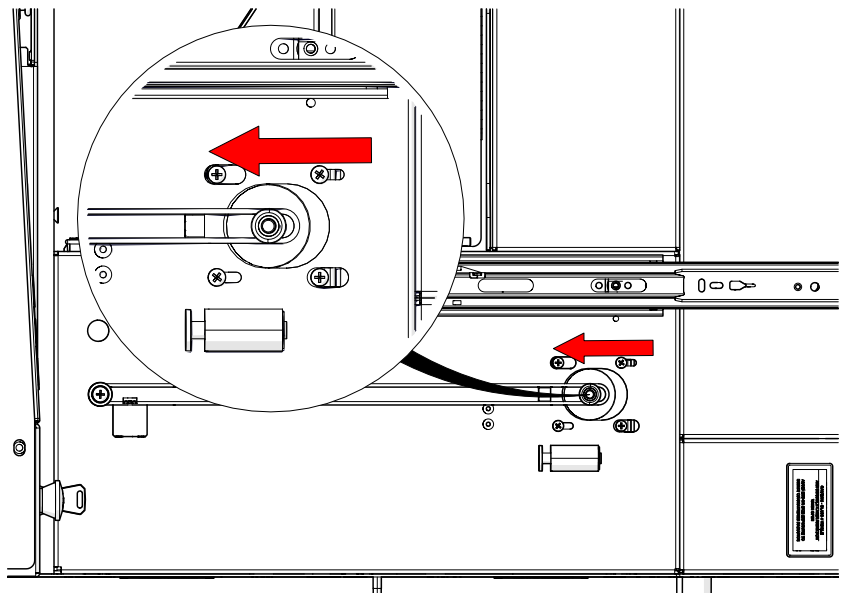
19. Loosen, but do not remove



20. Loosen, but do not remove

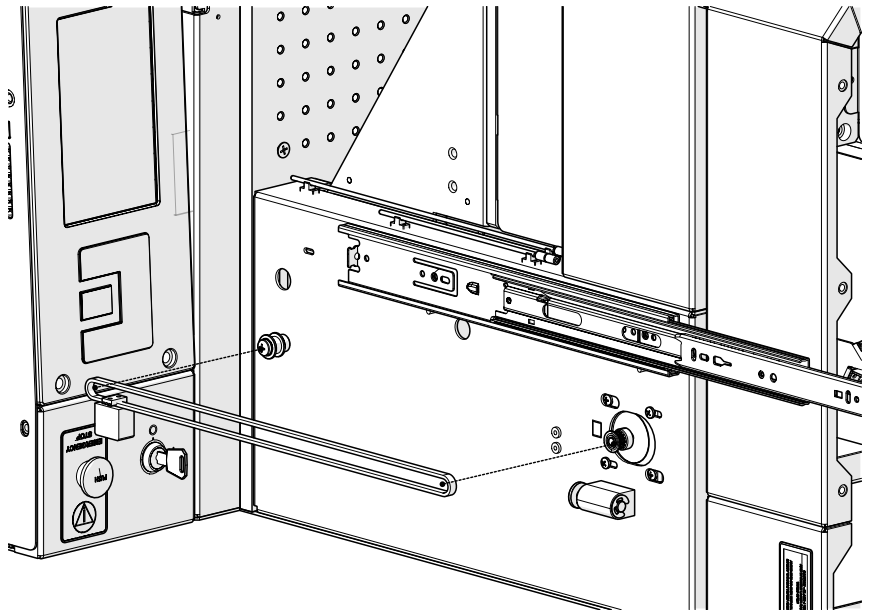


21. Slide motor

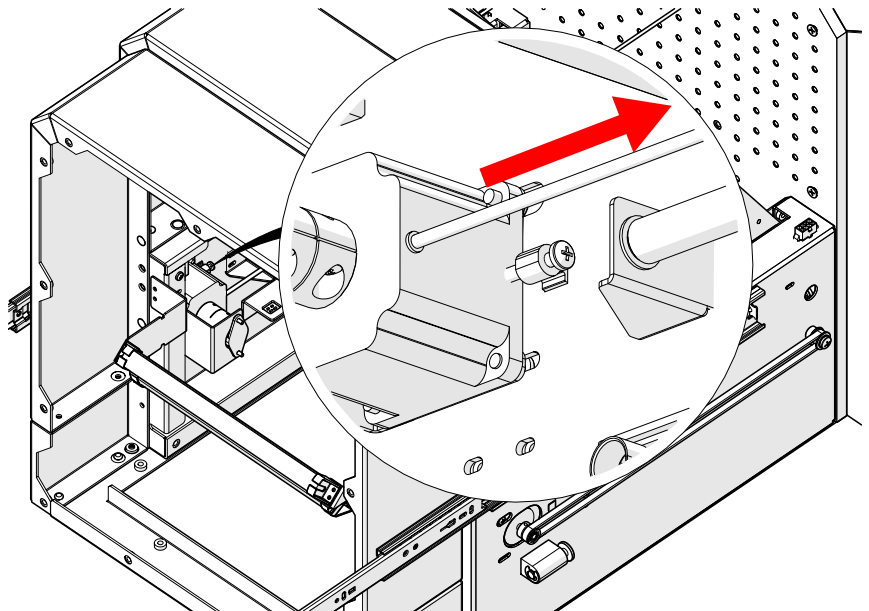


18000 - Door Motor Replacement

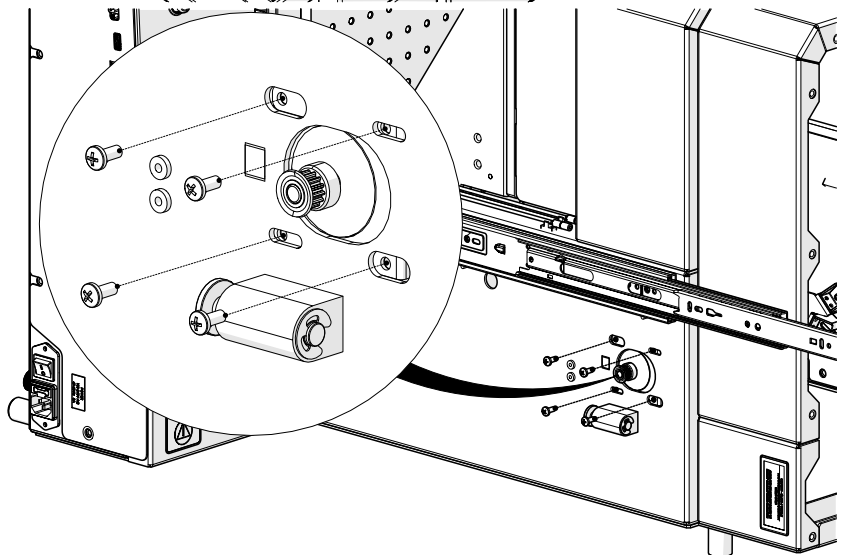
22. Remove belt



23. Follow motor harness and disconnect

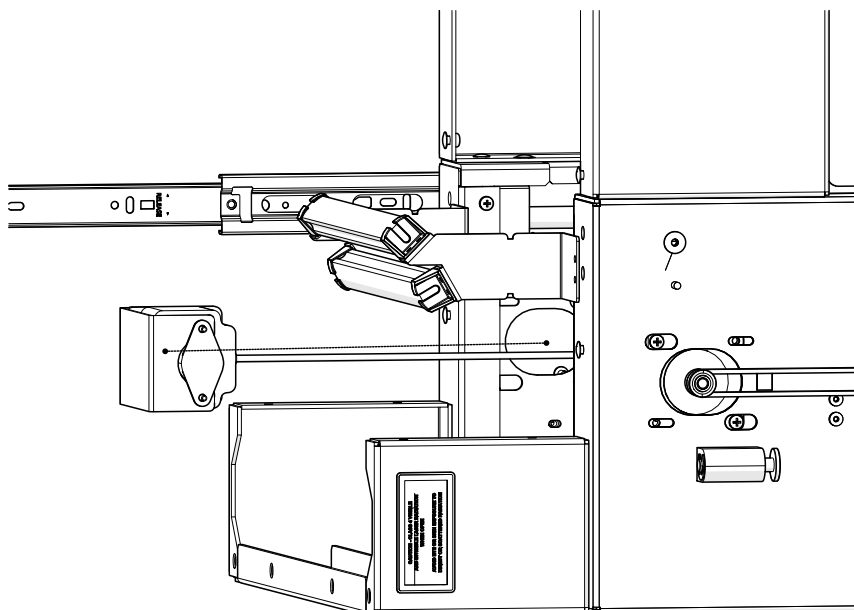


24. Loosen and remove

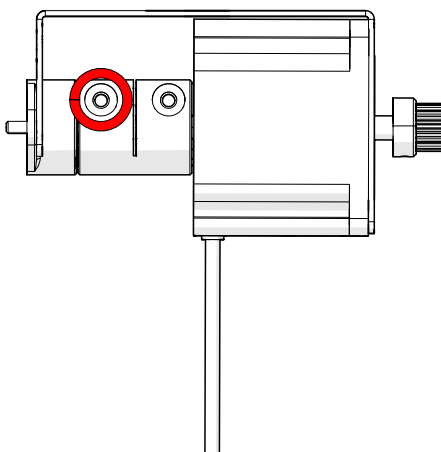


18000 - Door Motor Replacement

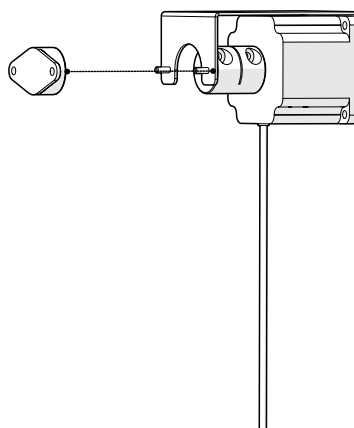
25. Remove motor



26. Loosen, but do not remove

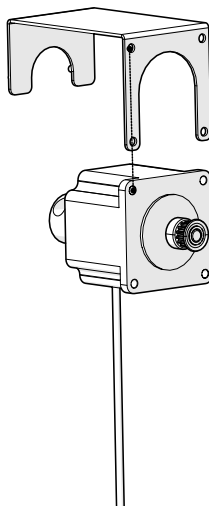


27. Remove damper

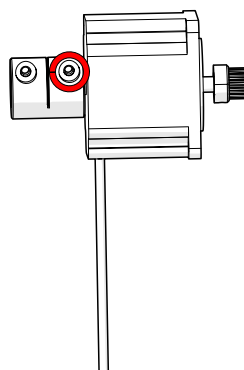


18000 - Door Motor Replacement

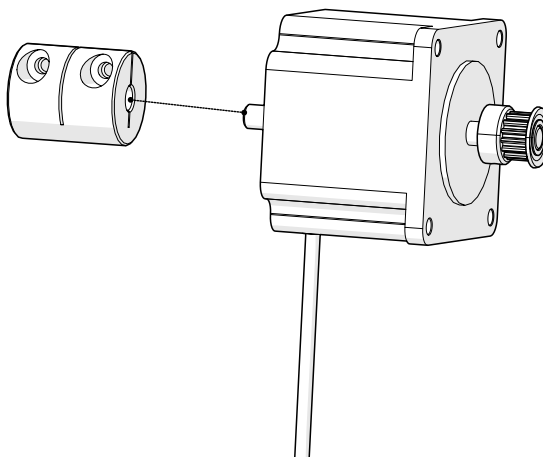
25. Remove motor



26. Loosen, but do not remove

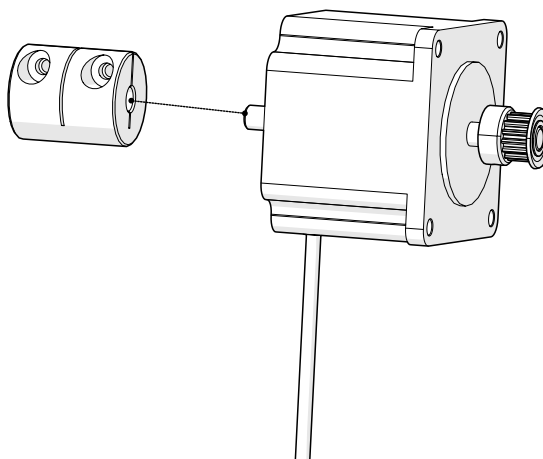


27. Remove damper

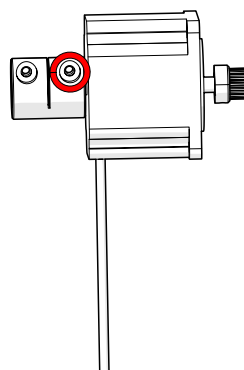


Door Motor Installation

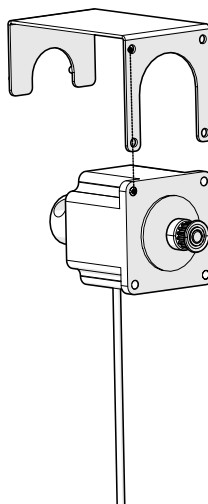
1. Install coupler



2. Tighten

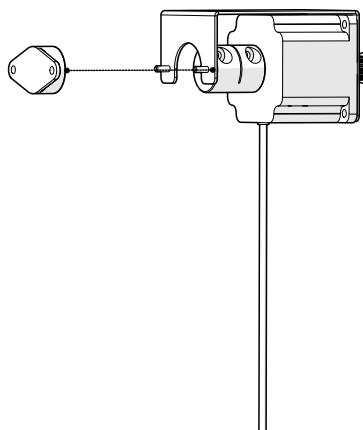


3. Install motor

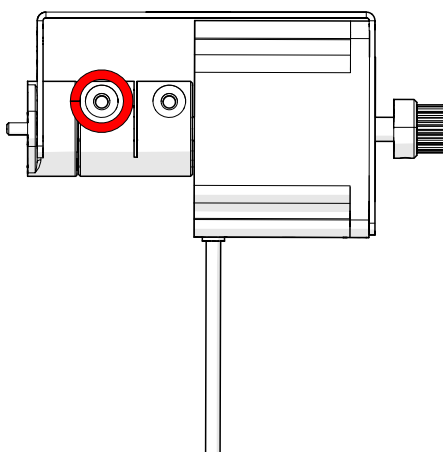


18000 - Door Motor Replacement

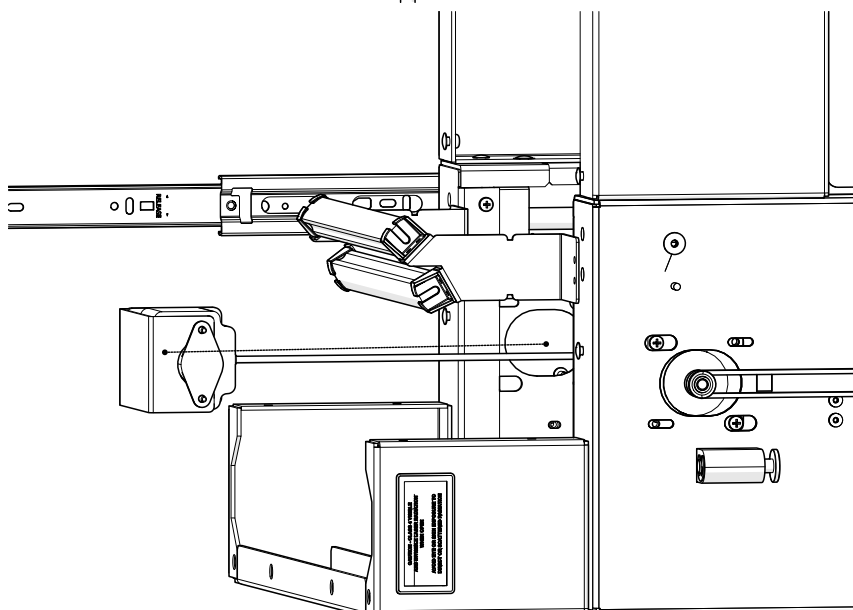
1. Install damper



2. Tighten

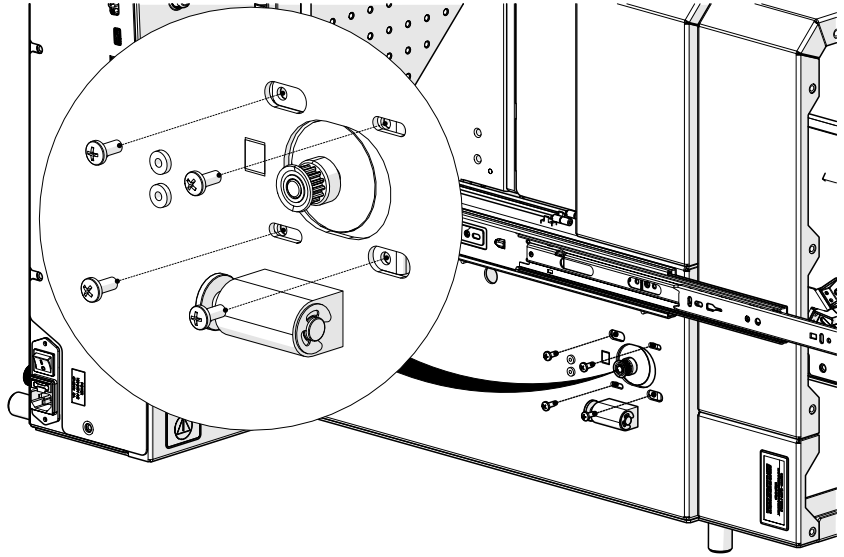


3. Install motor

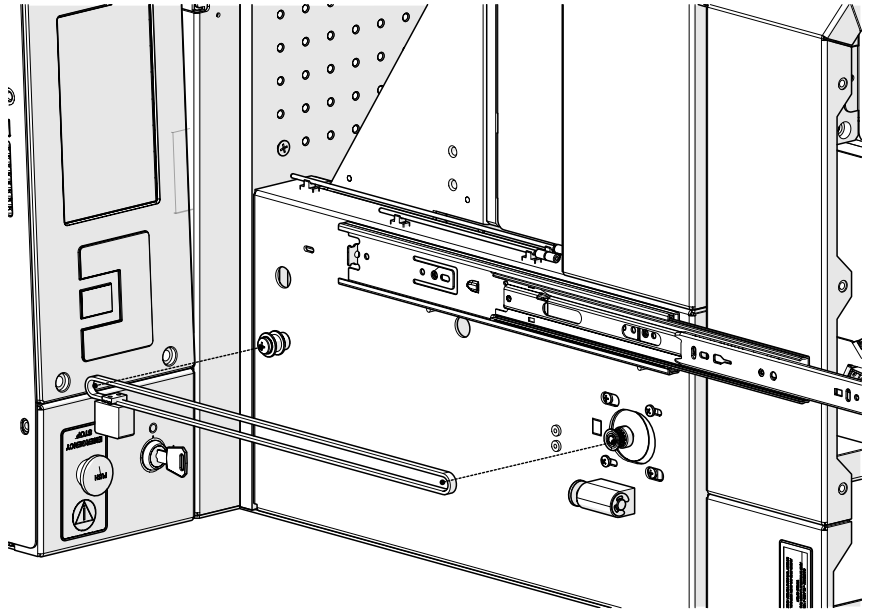


18000 - Door Motor Replacement

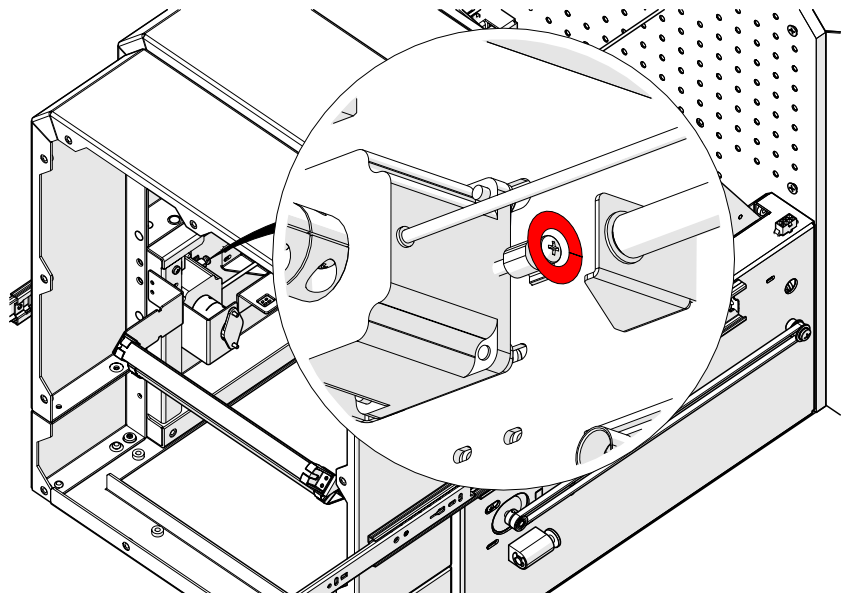
4. Install, but do not fully tighten



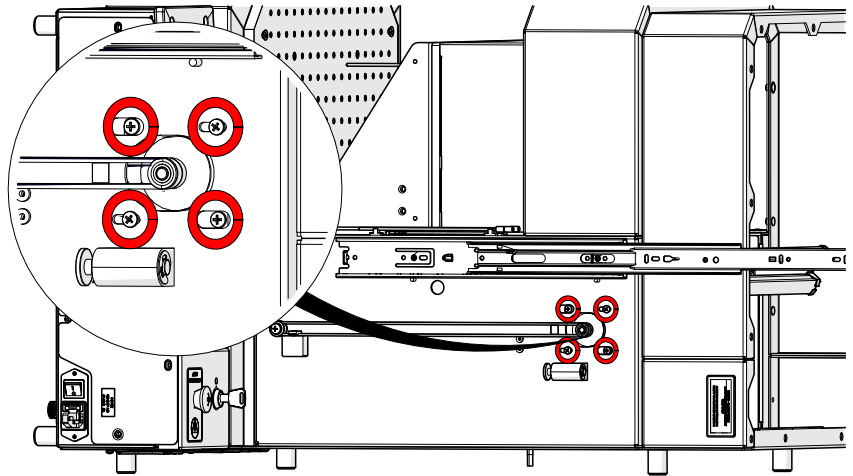
5. Install belt



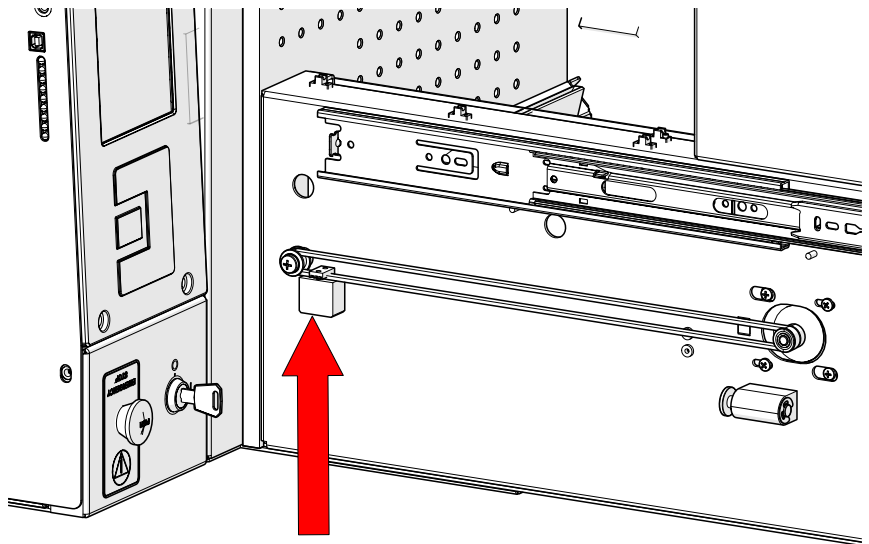
6. Tension motor



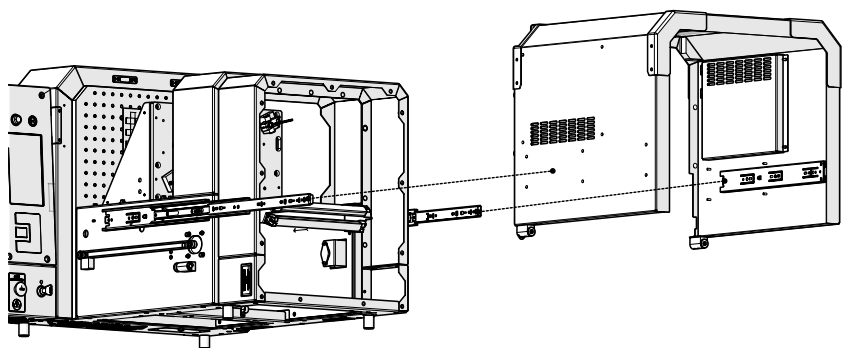
7. Tighten



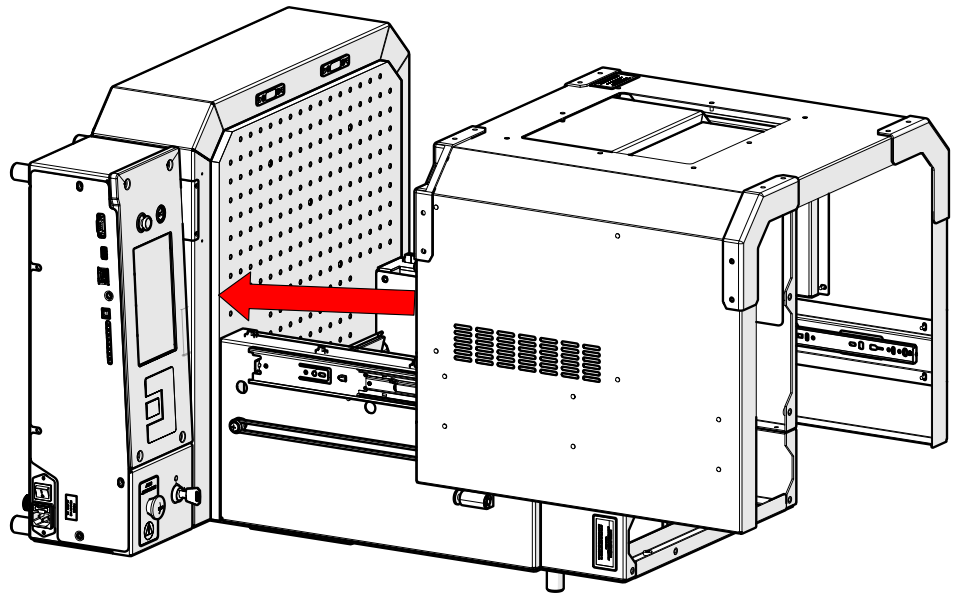
8. Position belt block at bottom of travel



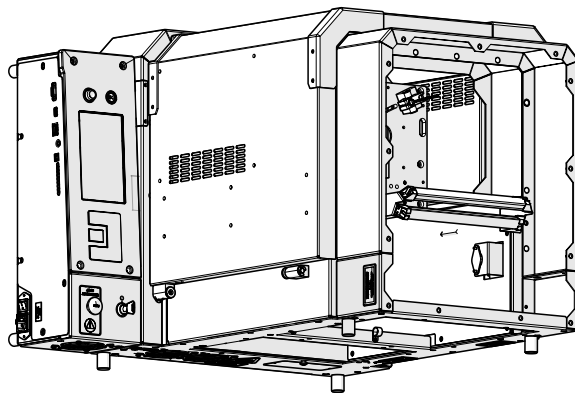
9. Place door on engraver



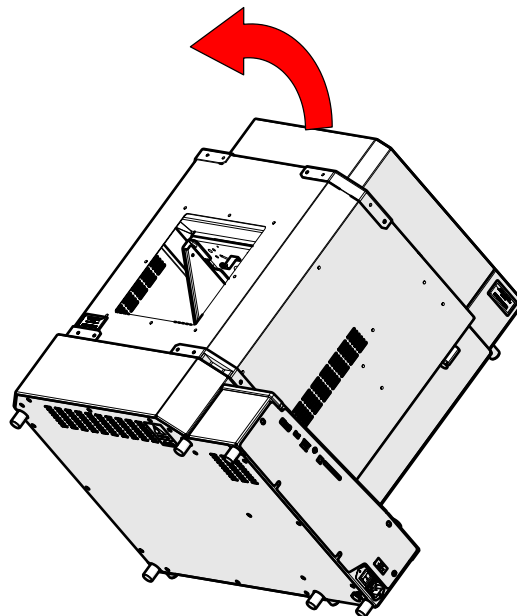
10. Ensure door is on slides



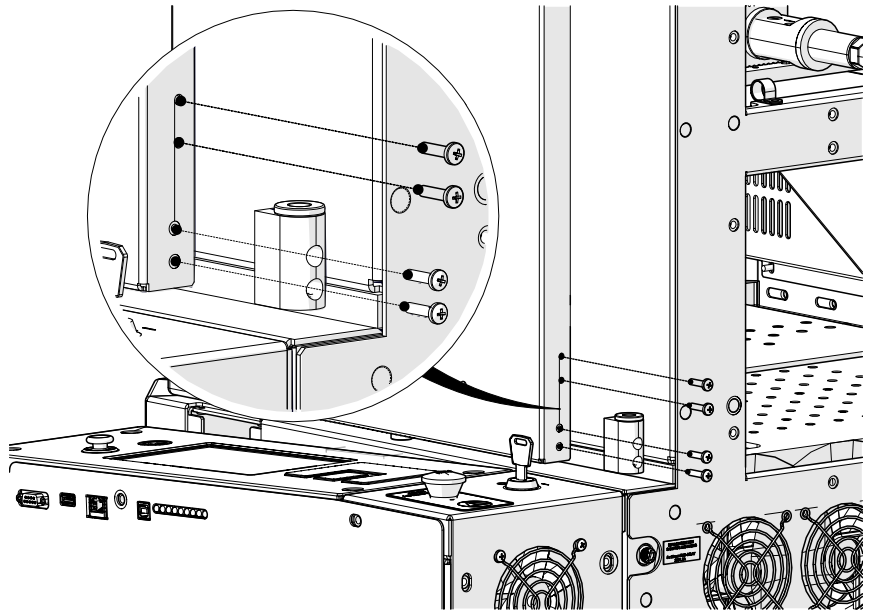
11. Close door



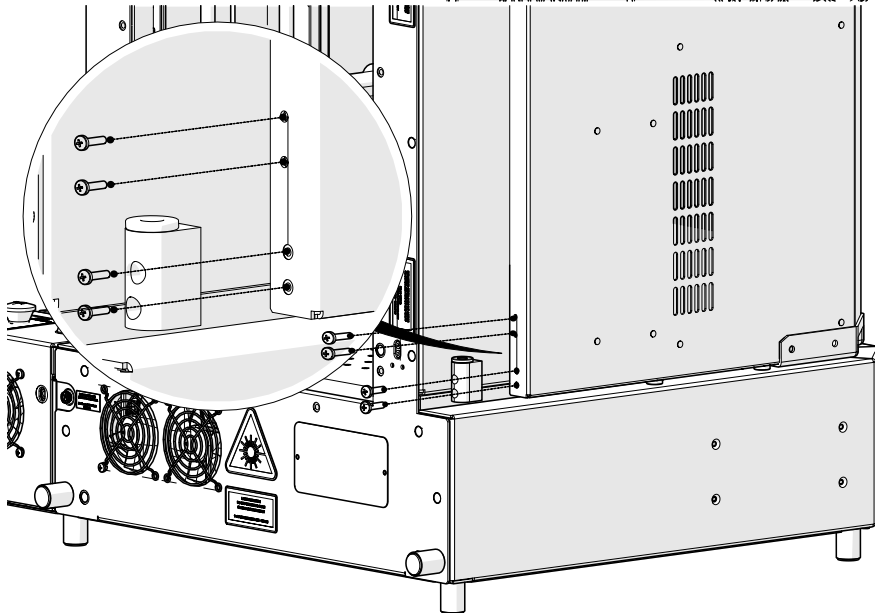
12. Return engraver to upright position



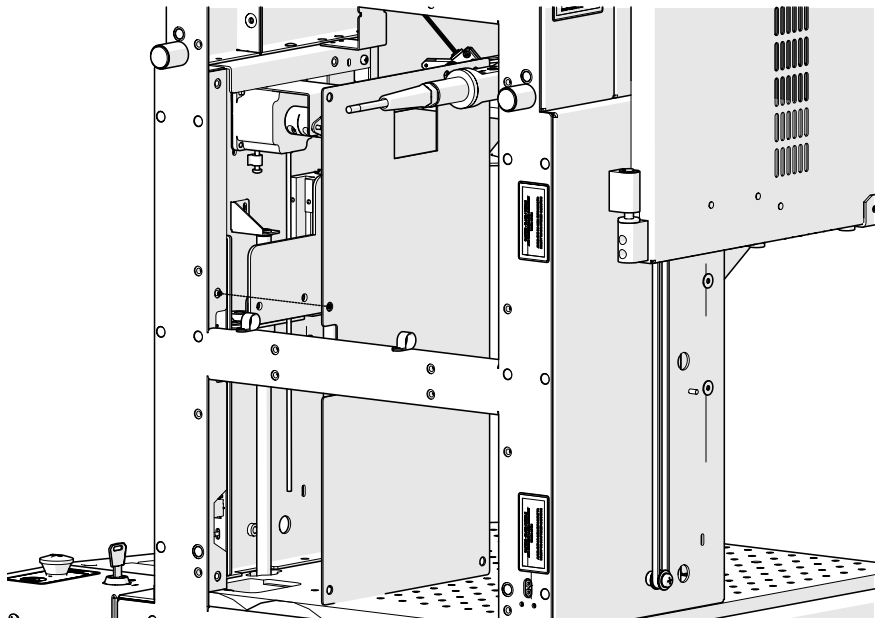
13. Install and tighten



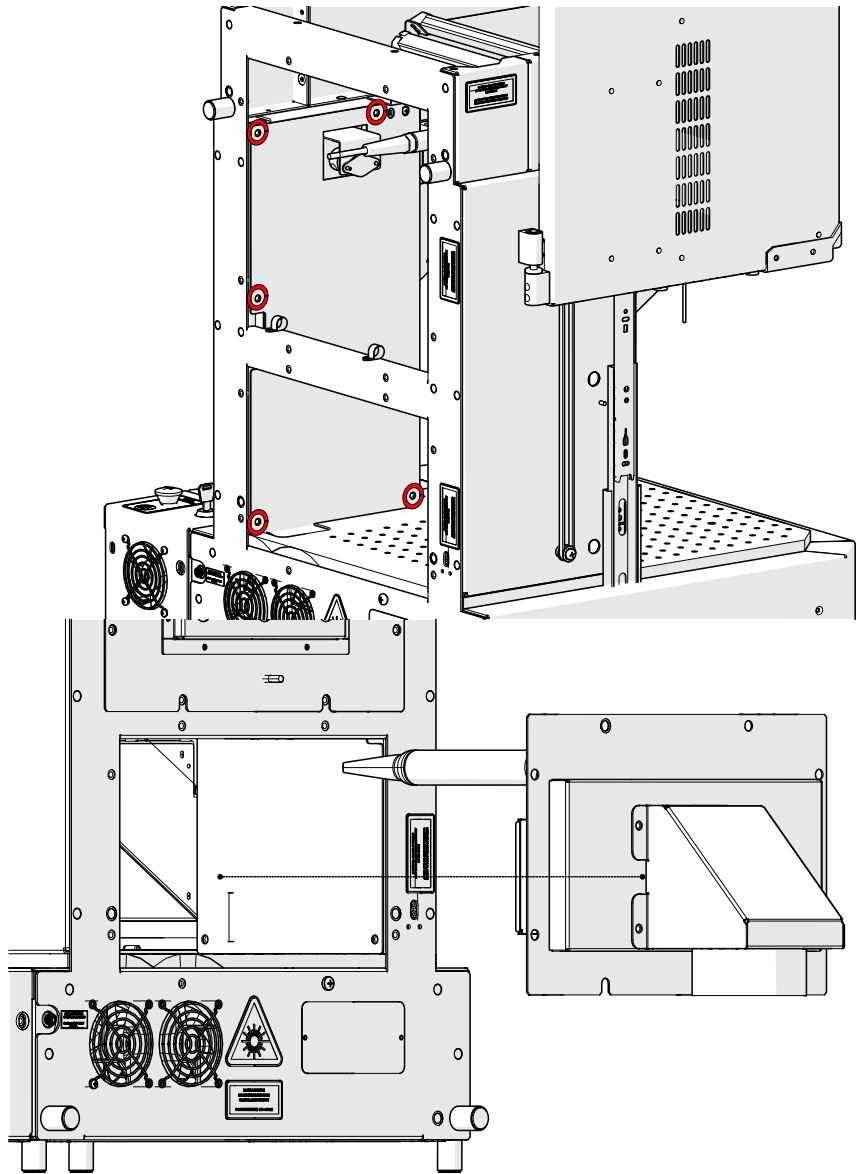
14. Install and tighten



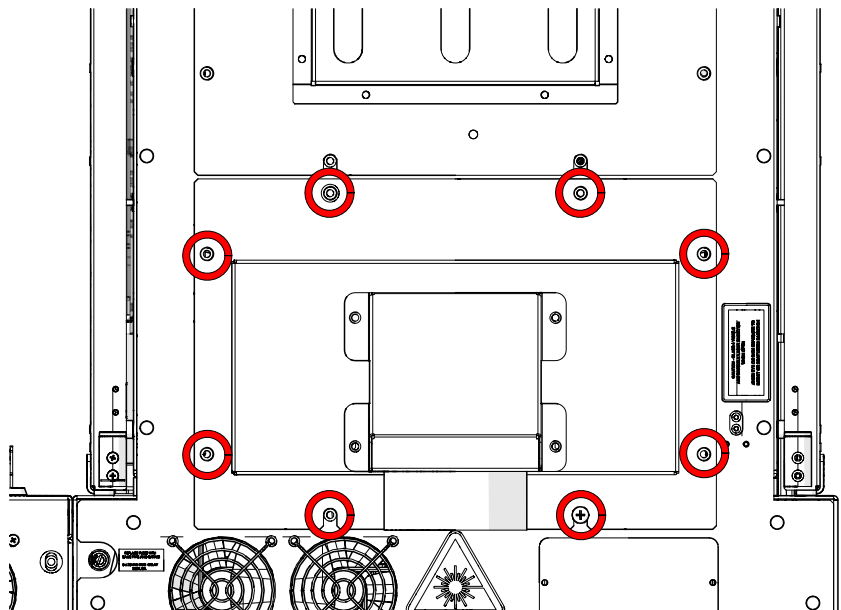
15. Install panel



16. Install and tighten

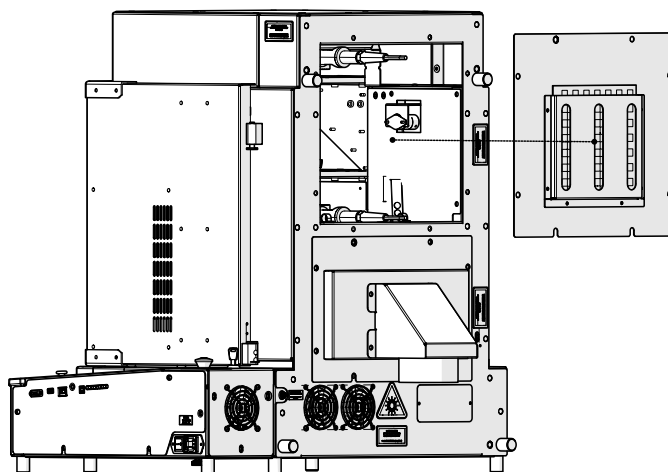


17. Install panel

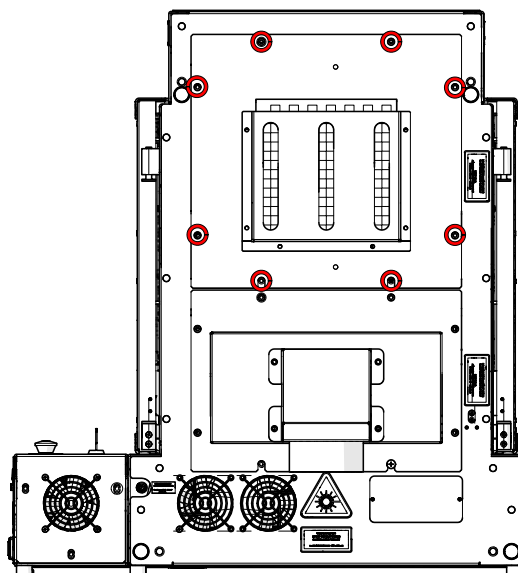


18. Install and tighten

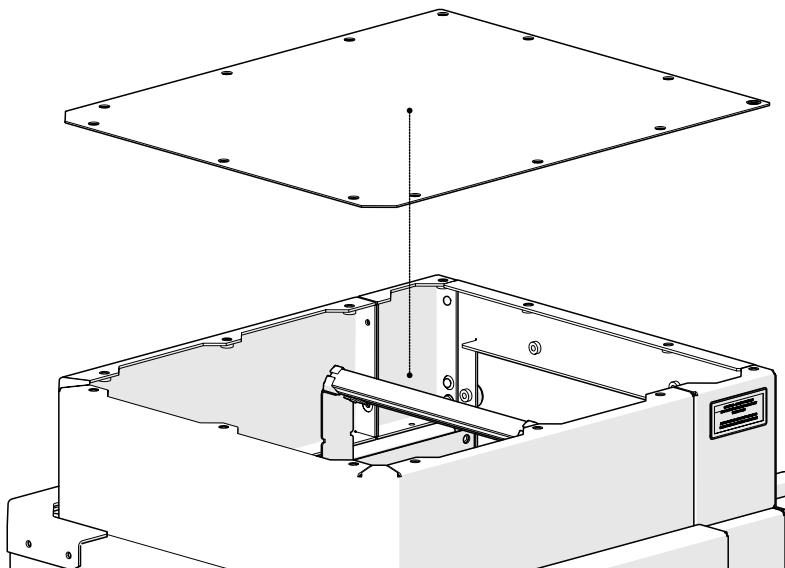
19. Install panel



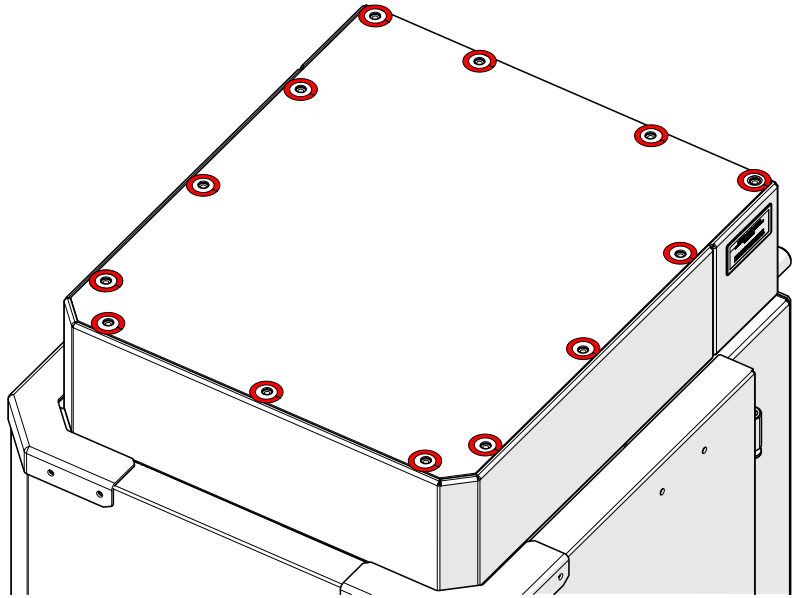
20. Install and tighten



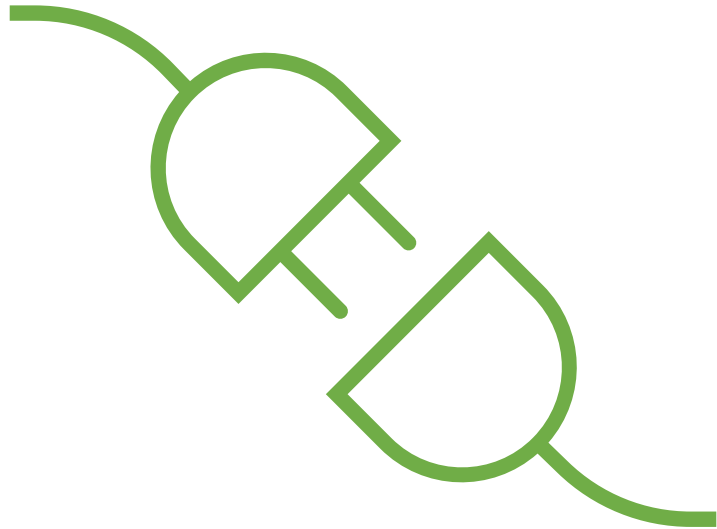
21. Install panel



22. Install and tighten



23. Connect to power



If further assistance is required, please contact Epilog Laser Technical Support by phone at 303-215-9171, or by email at tech@epiloglaser.com.