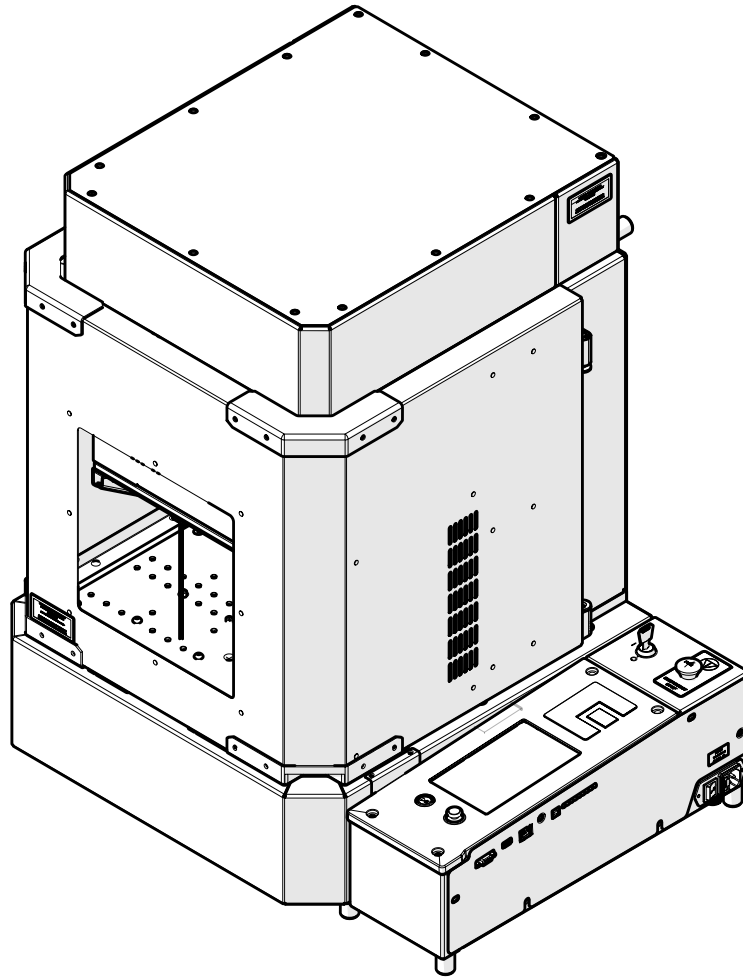


Door Damper Replacement G100



Parts Required

- GC0233 - Damper, Rotary, 500gfcm, CW
- GC0232 - Damper, Rotary, 500gfcm, CCW
- When looking at engraver from the front:
 - GC0233 - Right Side, CW
 - GC0232 - Left Side, CCW

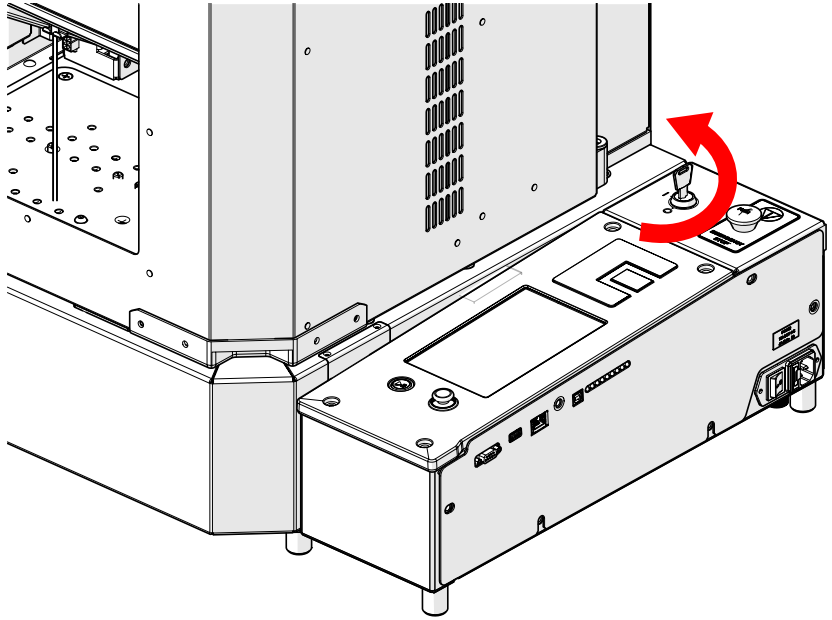
Tools Required

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

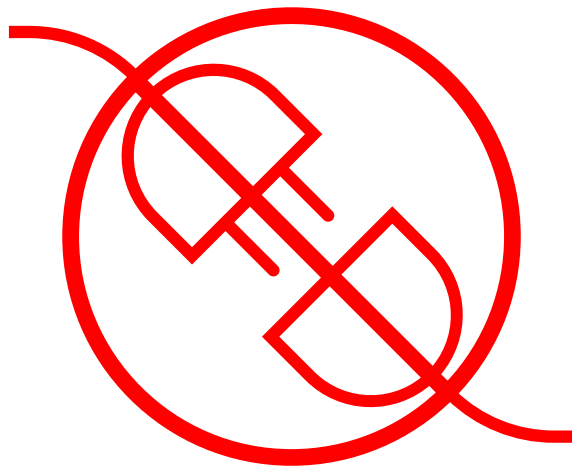
The procedure shown in this document outlines the replacement of the GC0233, or right side door damper. The replacement of the GC0232, or left side door damper, is identical. Ensure that the correct door damper is replaced according to the part number on the received part.

Damper Removal

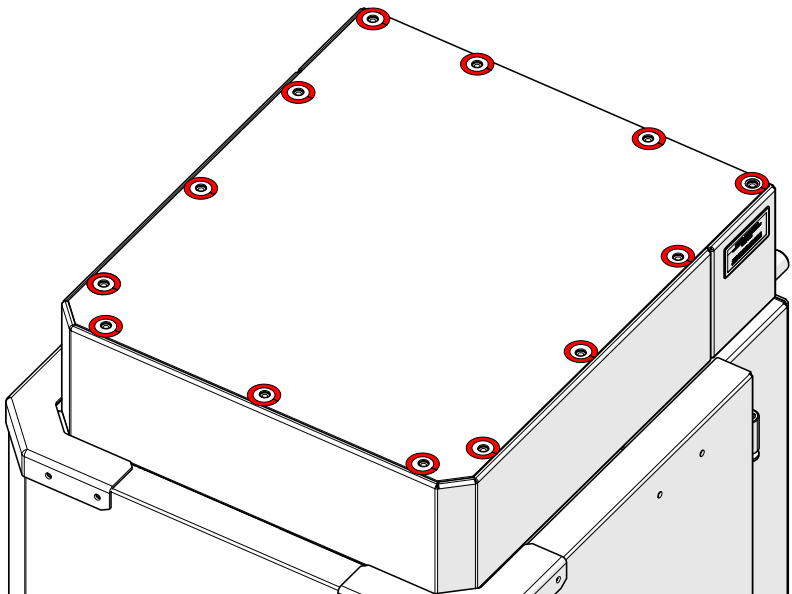
1. Turn off engraver



2. Disconnect from power

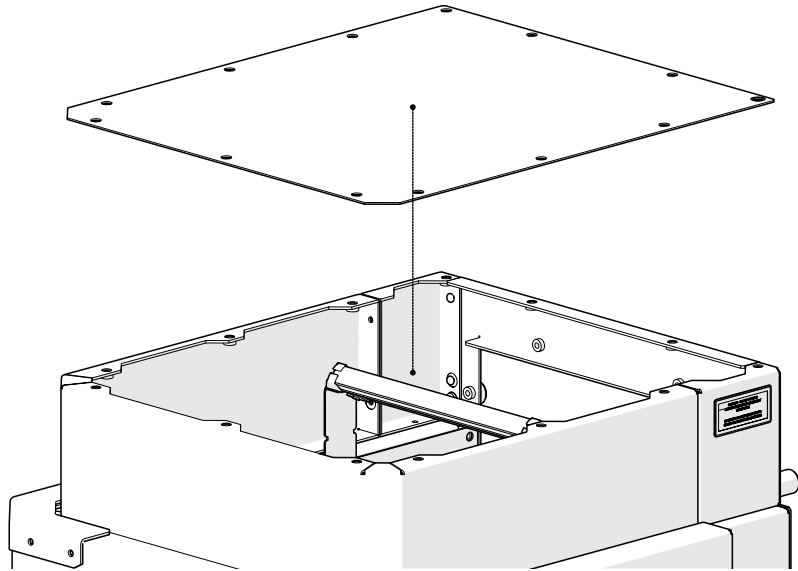


3. Loosen and remove

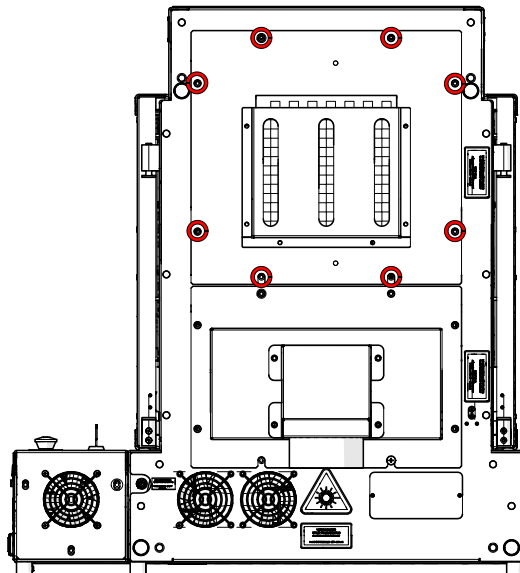


18000 - Door Damper Replacement

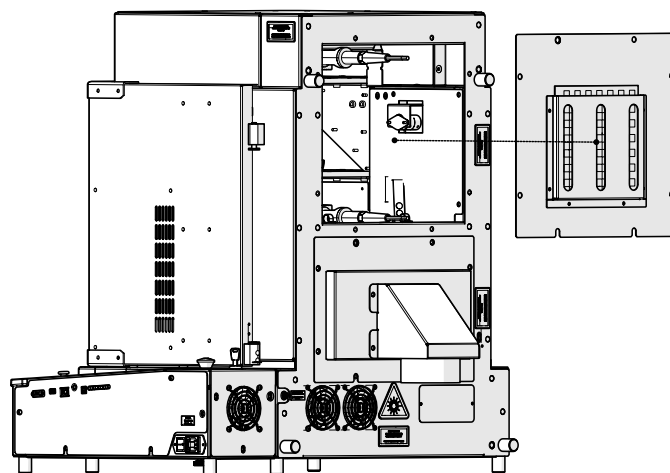
4. Remove panel



5. Loosen and remove

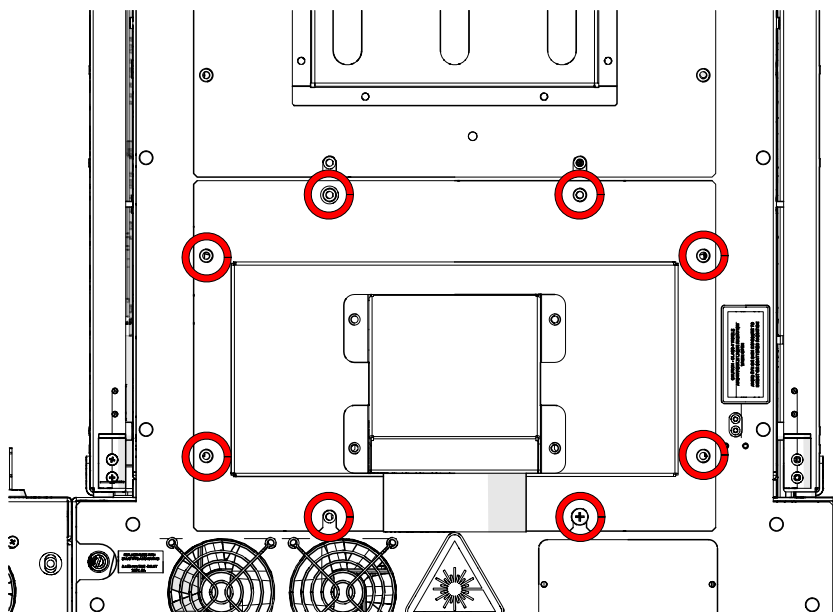


6. Remove panel

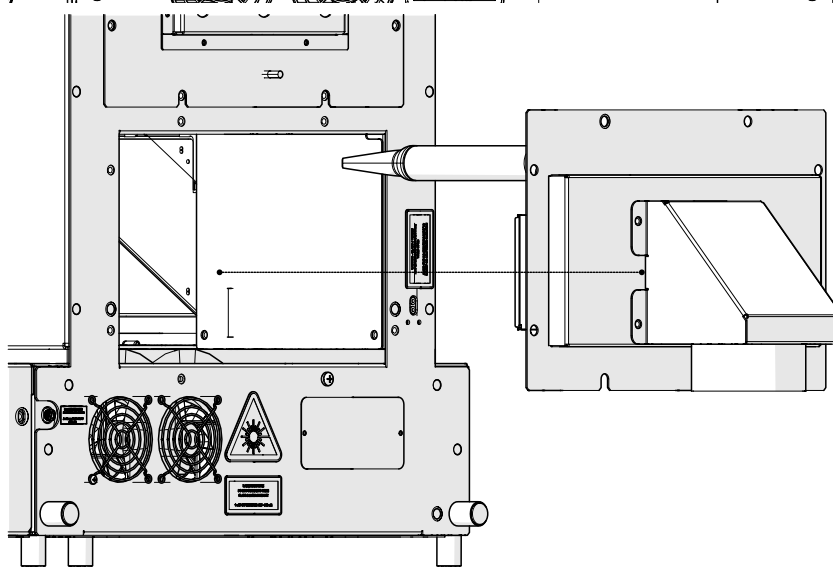


18000 - Door Damper Replacement

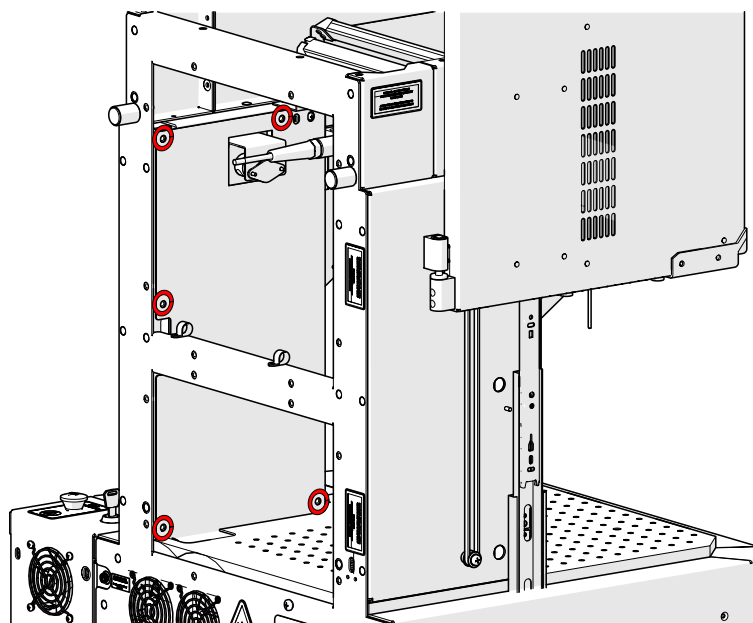
7. Loosen and remove



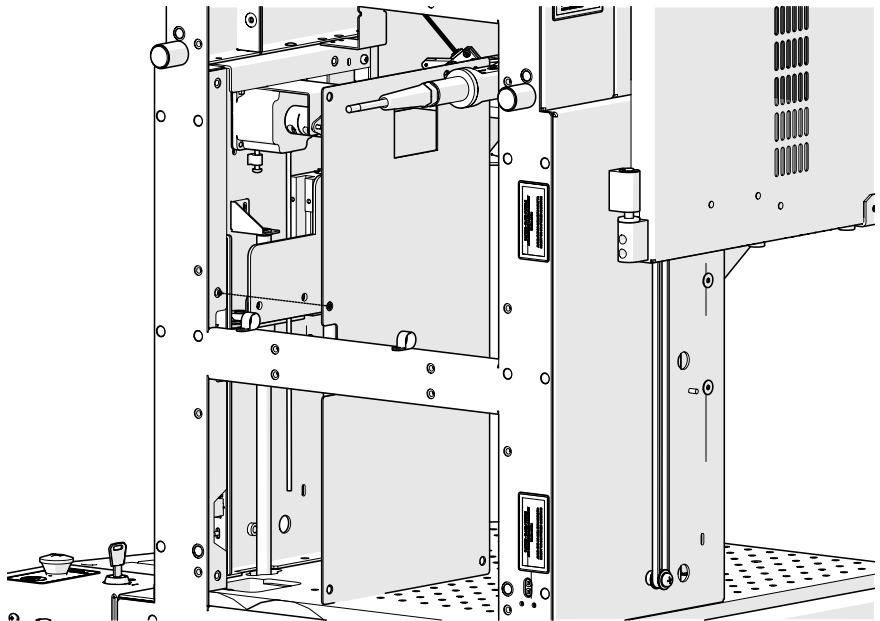
8. Remove panel



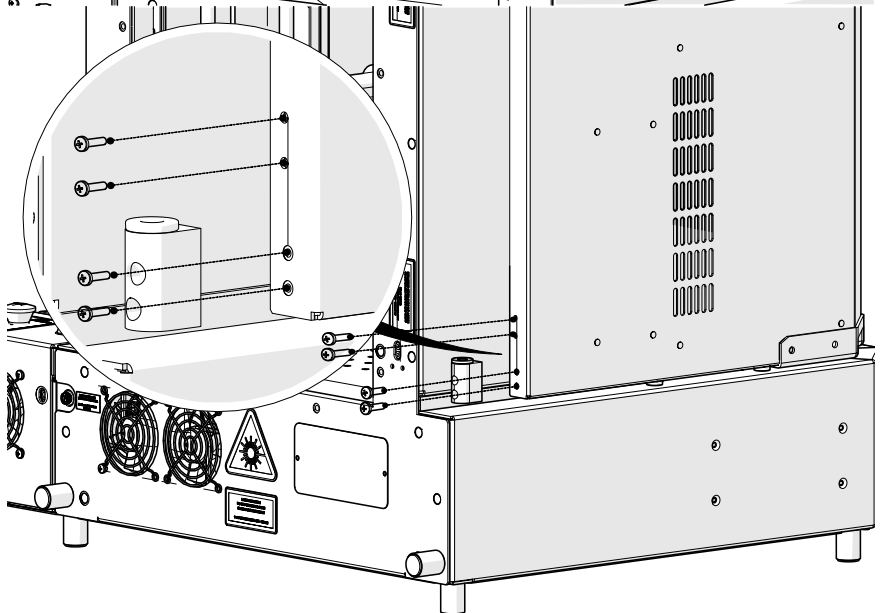
9. Loosen and remove



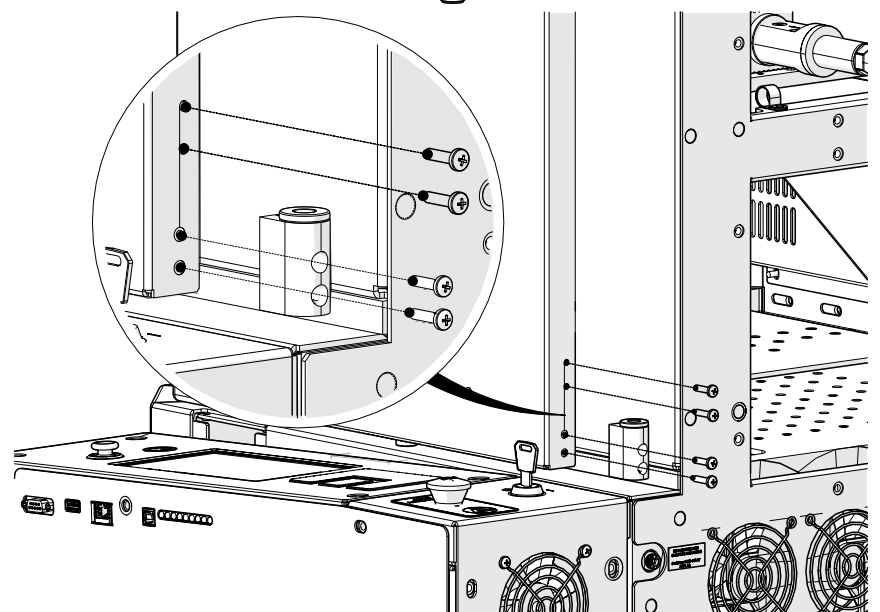
10. Remove panel



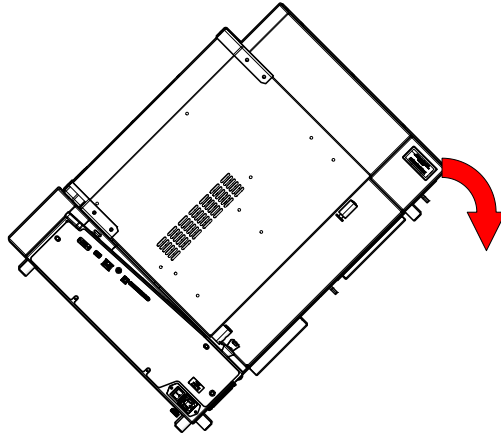
11. Loosen and remove



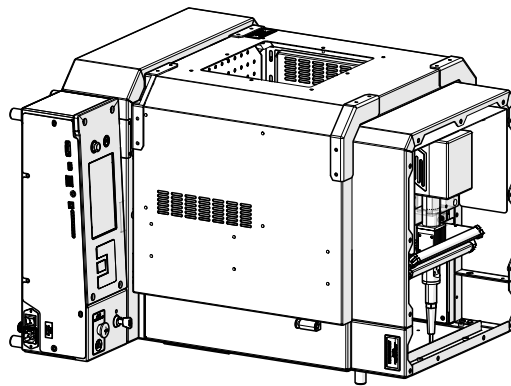
12. Loosen and remove



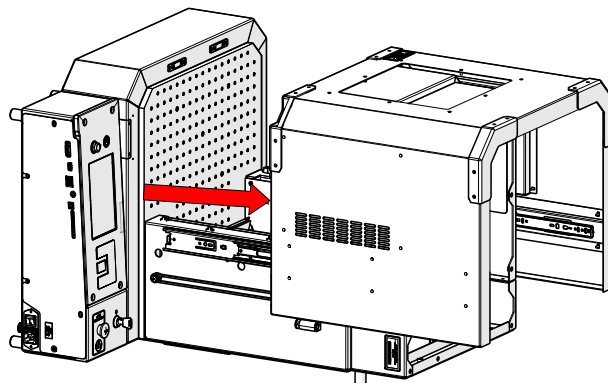
13. Tilt engraver



14. Lay engraver on back

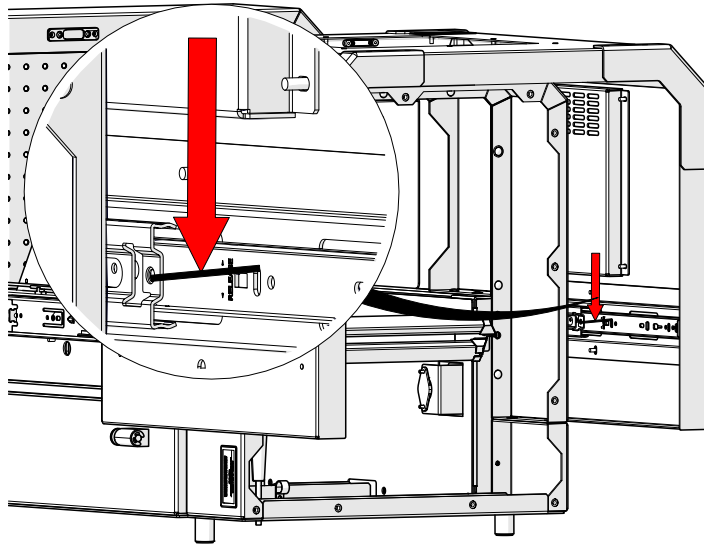


15. Open door

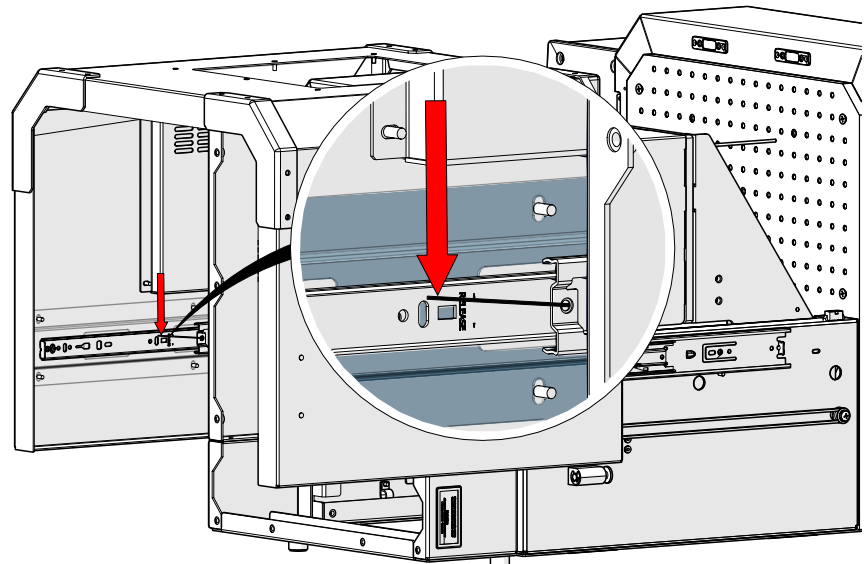


18000 - Door Damper Replacement

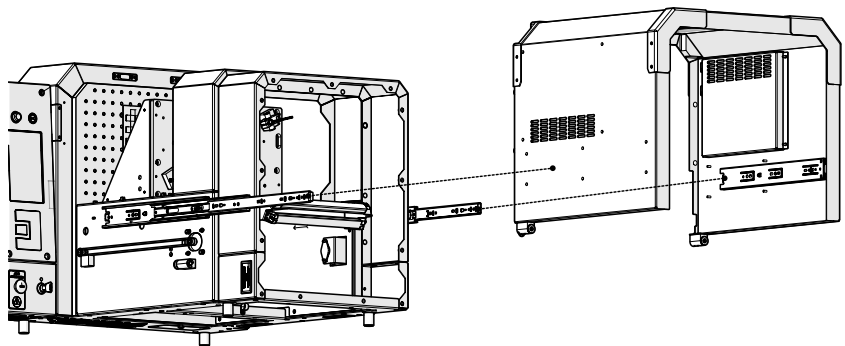
16. Depress slide lever



17. Depress slide lever

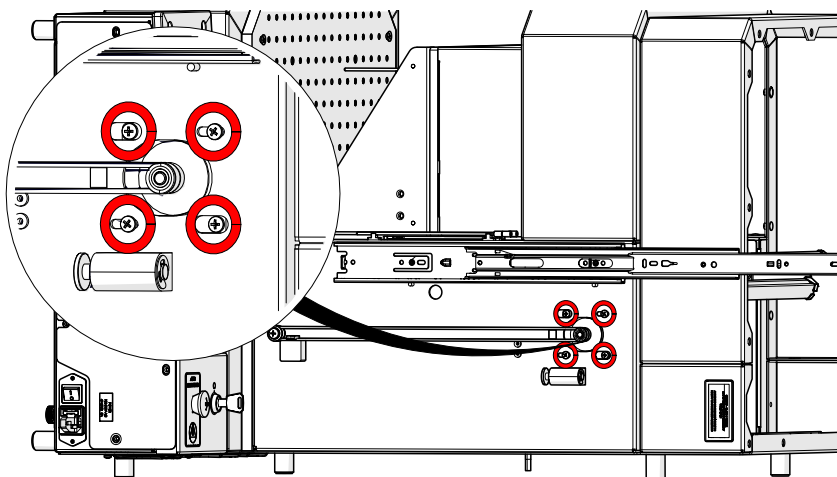


18. Remove door

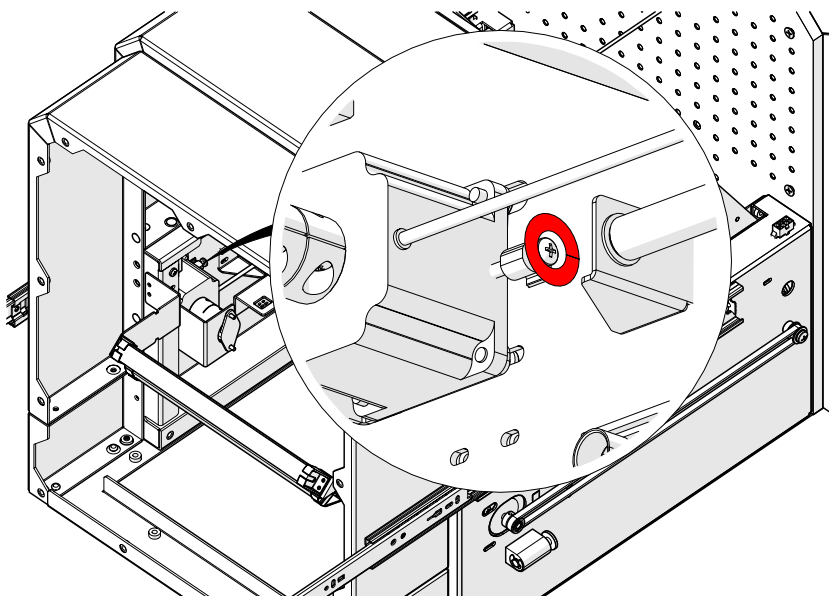


18000 - Door Damper Replacement

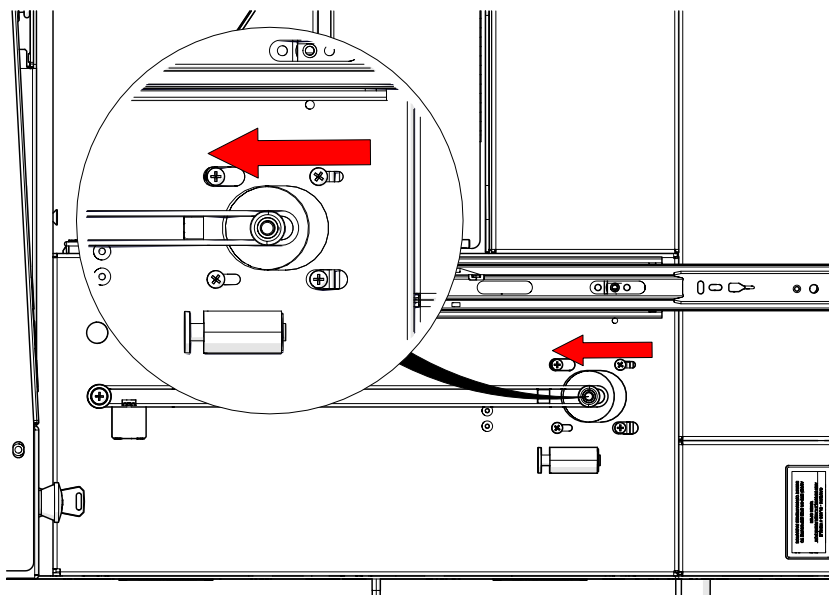
19. Loosen, but do not remove



20. Loosen, but do not remove

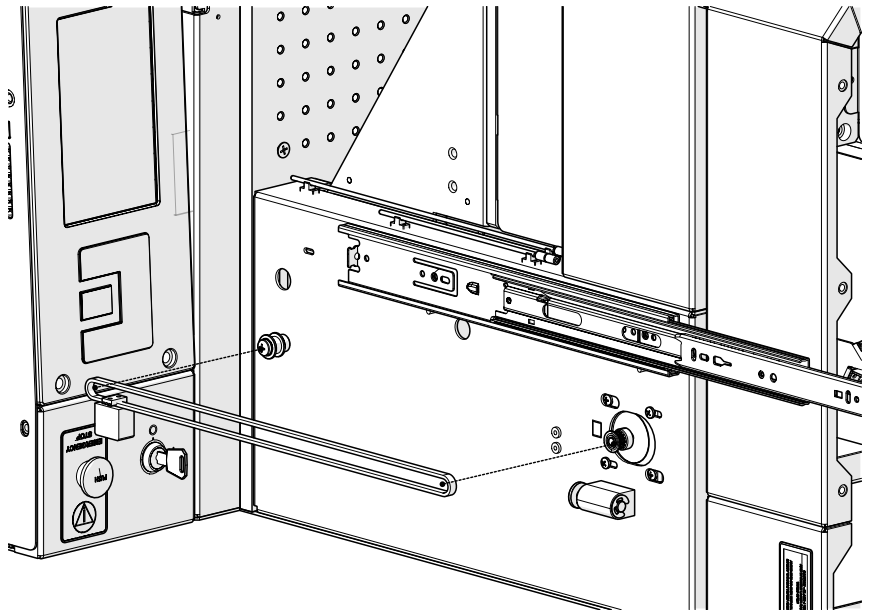


21. Slide motor

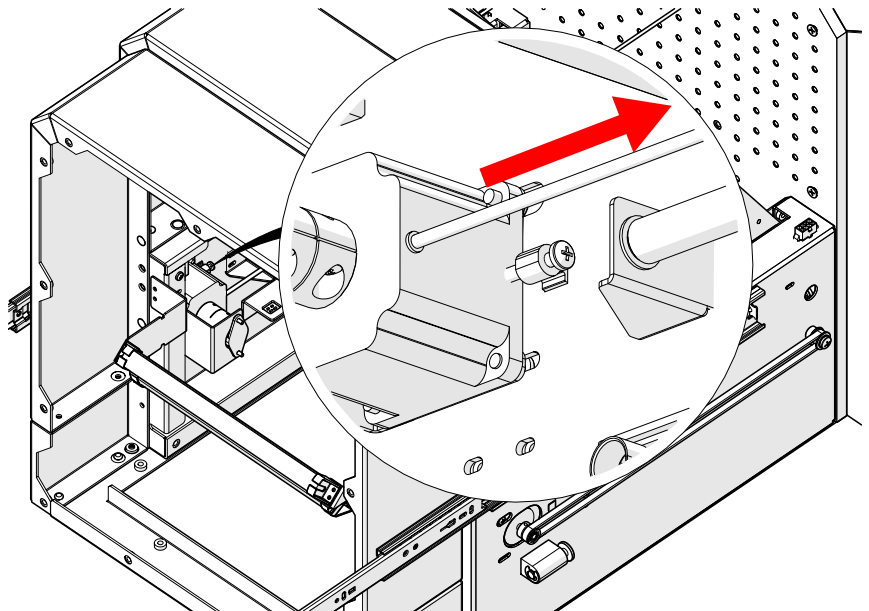


18000 - Door Damper Replacement

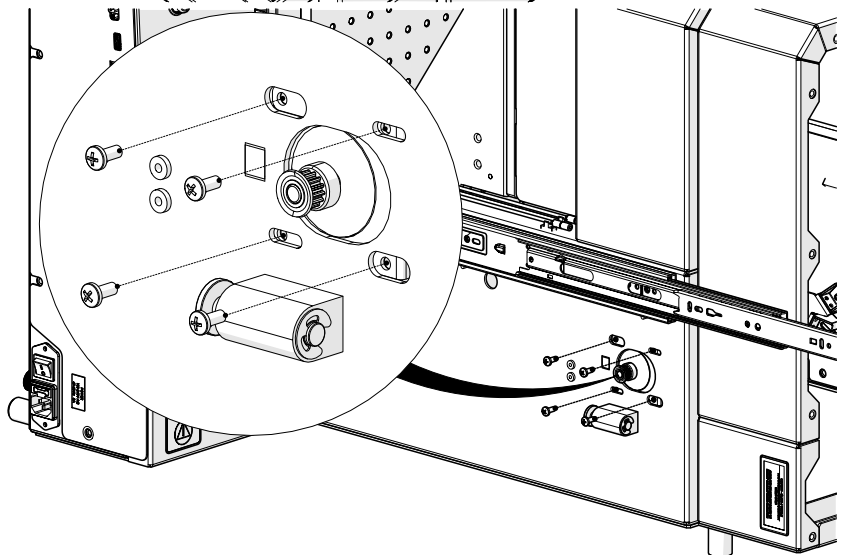
22. Remove belt



23. Follow motor harness and disconnect

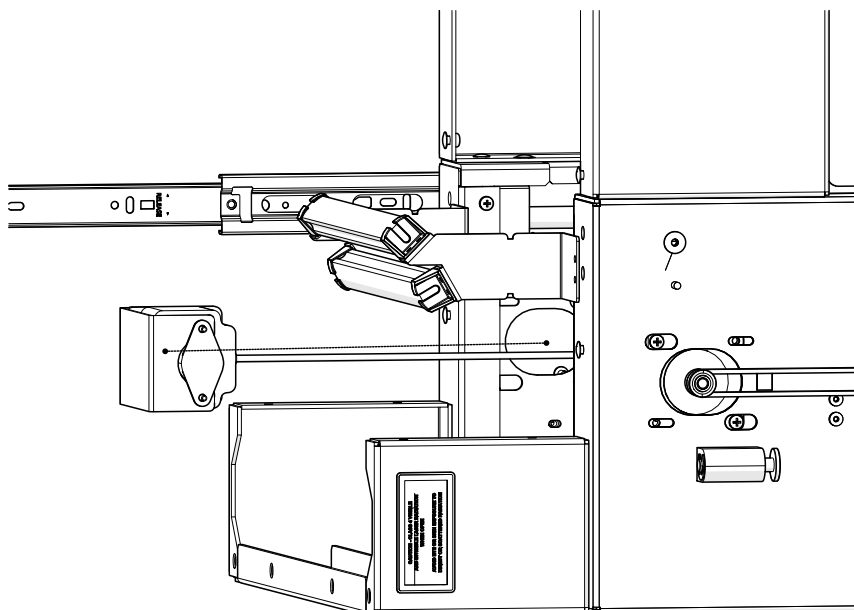


24. Loosen and remove

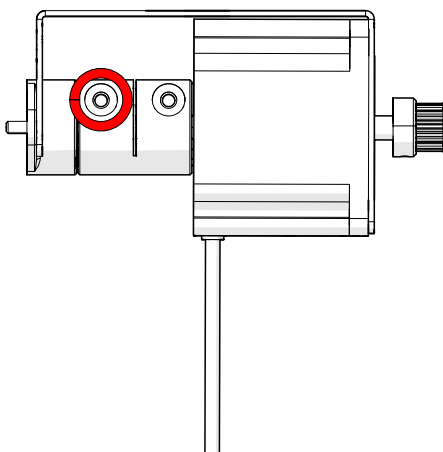


18000 - Door Damper Replacement

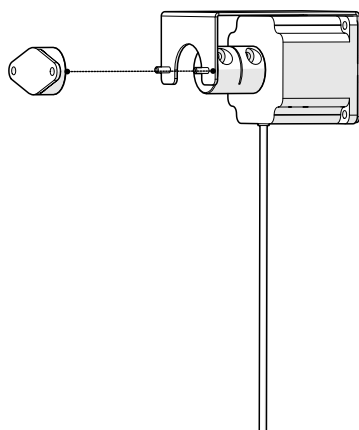
25. Remove motor



26. Loosen, but do not remove

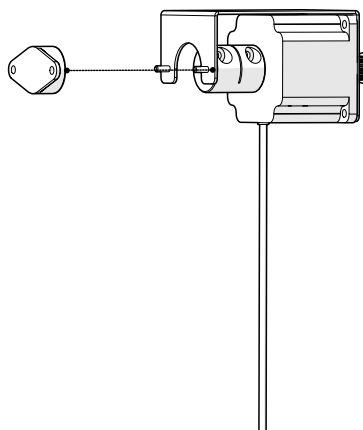


27. Remove damper

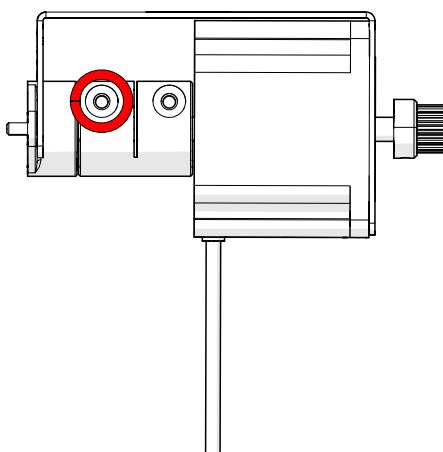


Damper Installation

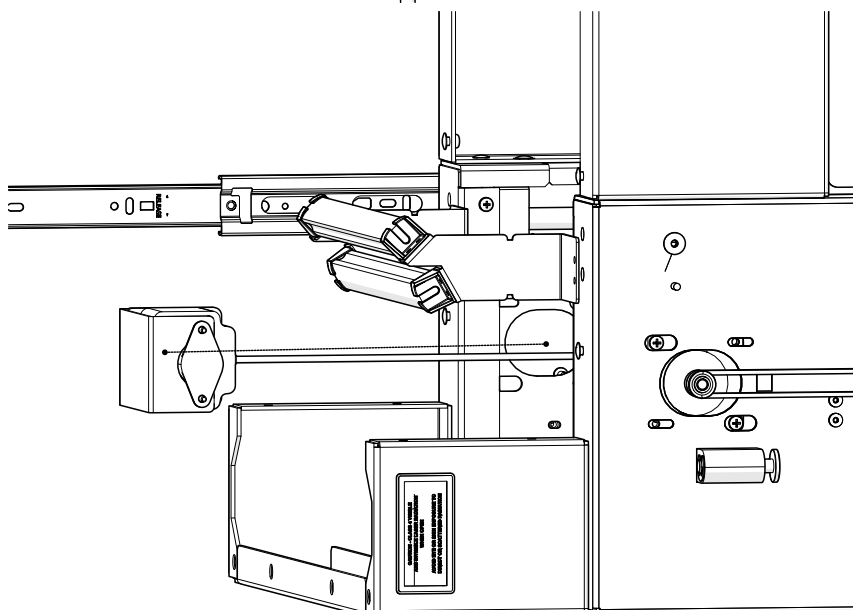
1. Install damper



2. Tighten

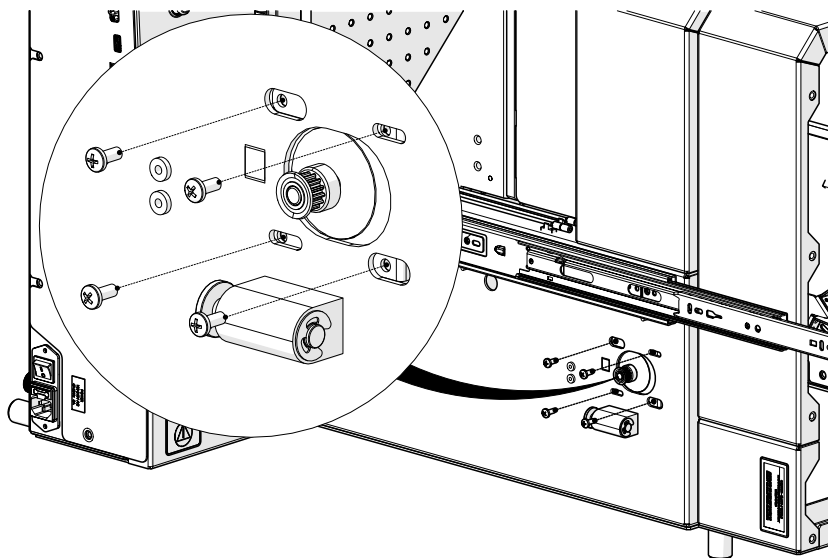


3. Install motor

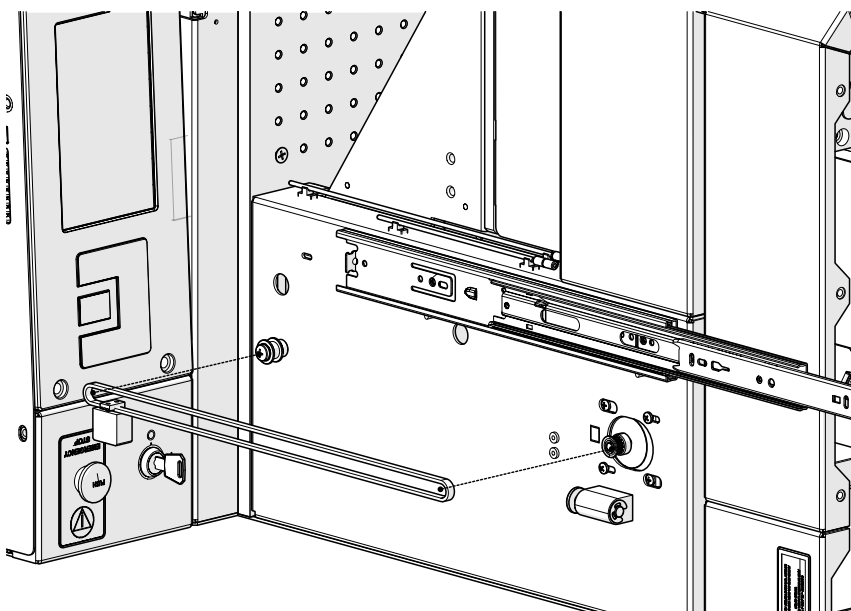


18000 - Door Damper Replacement

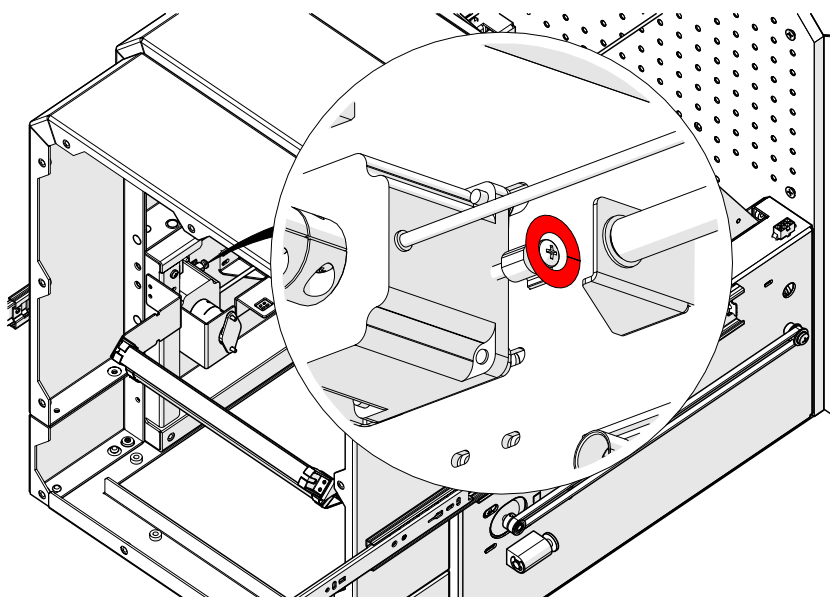
4. Install, but do not fully tighten



5. Install belt

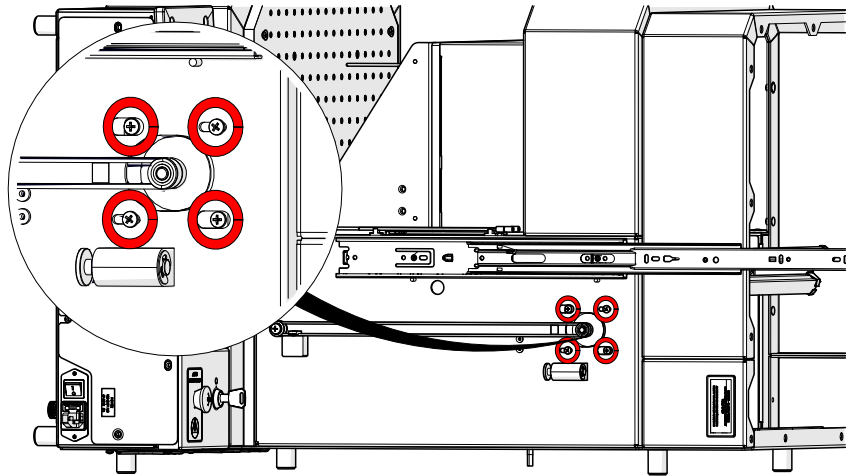


6. Tension motor

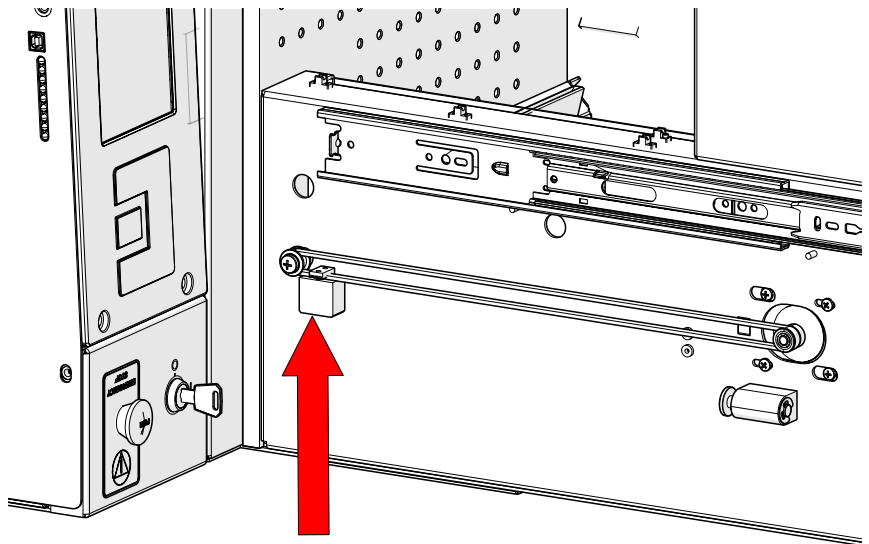


18000 - Door Damper Replacement

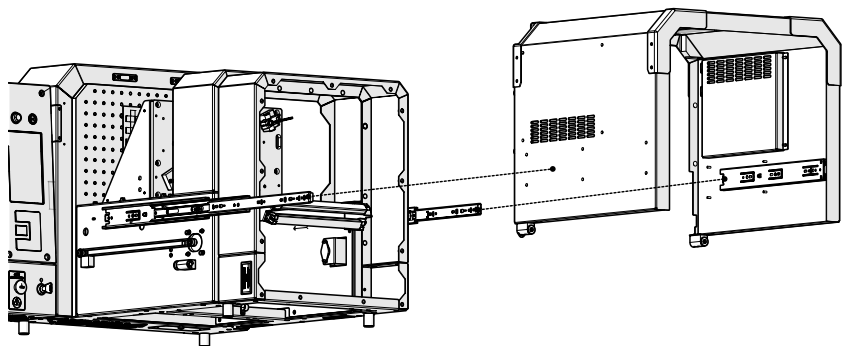
7. Tighten



8. Position belt block at bottom of travel

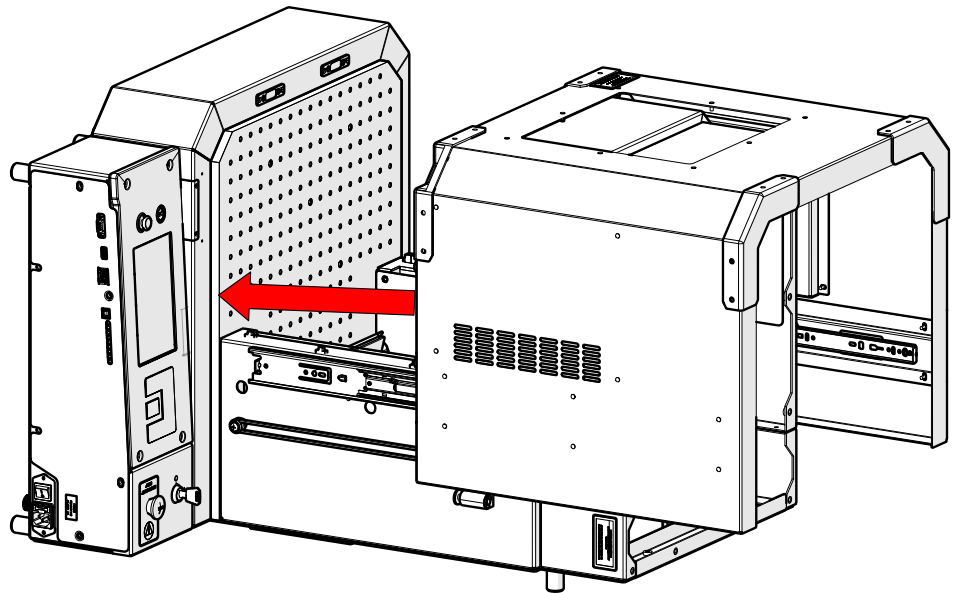


9. Place door on engraver

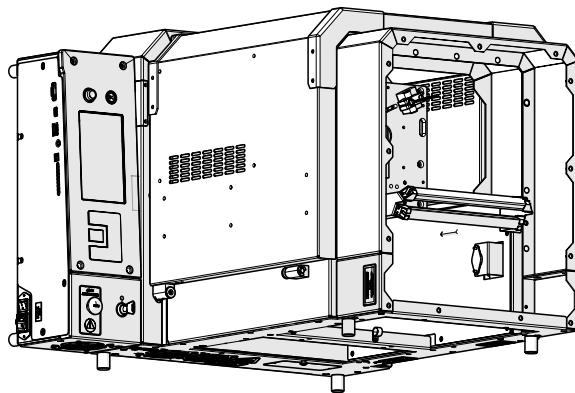


18000 - Door Damper Replacement

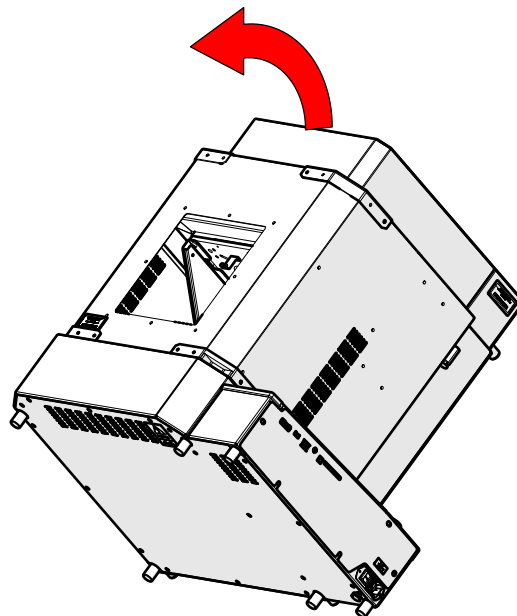
10. Ensure door is on slides



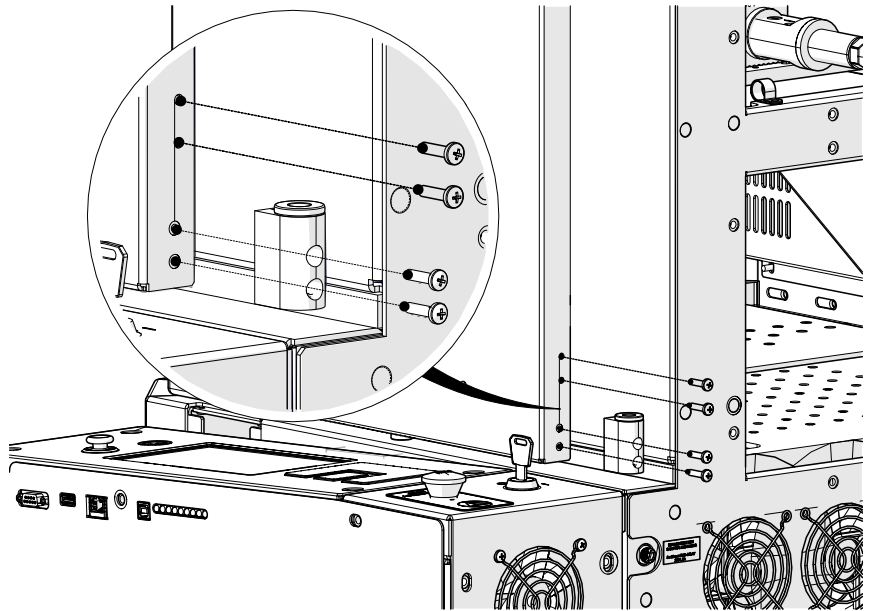
11. Close door



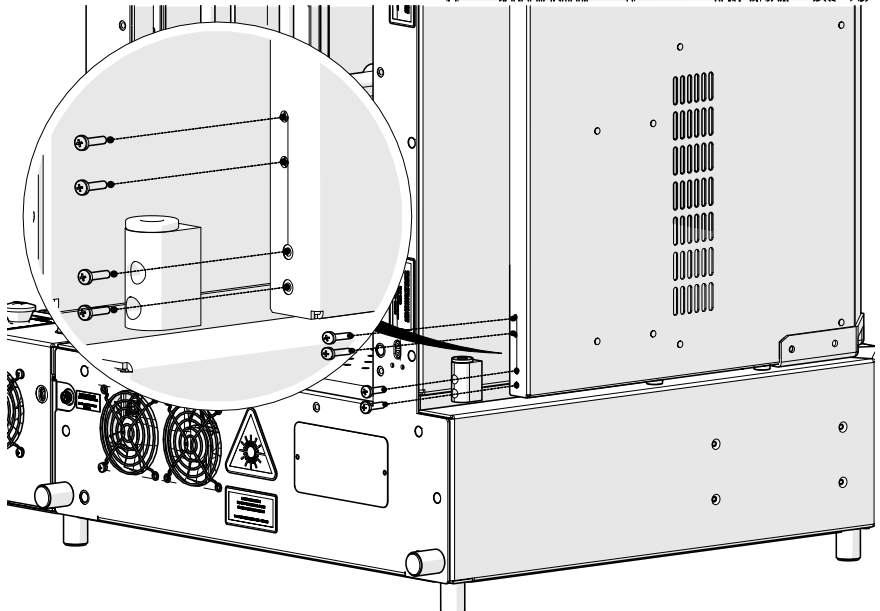
12. Return engraver to upright position



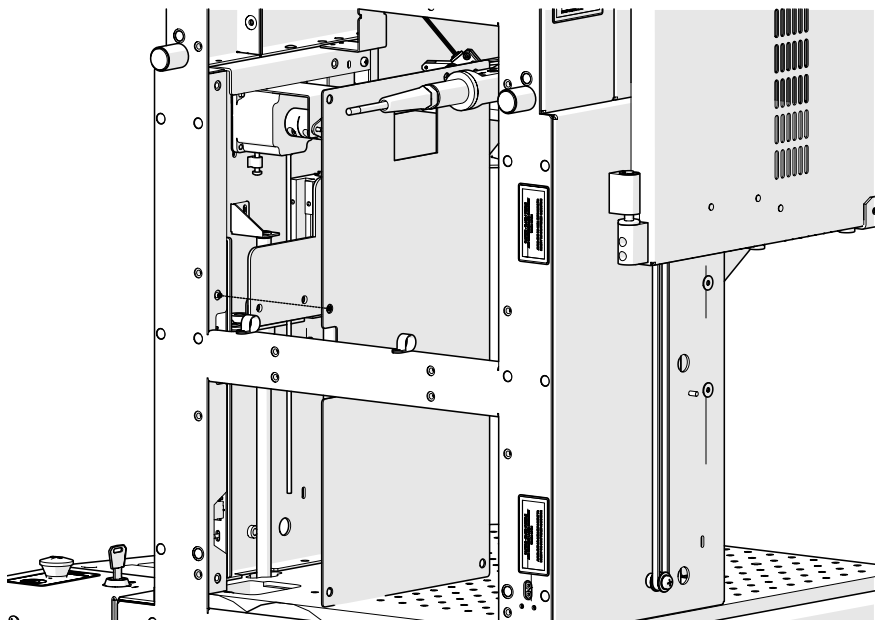
13. Install and tighten



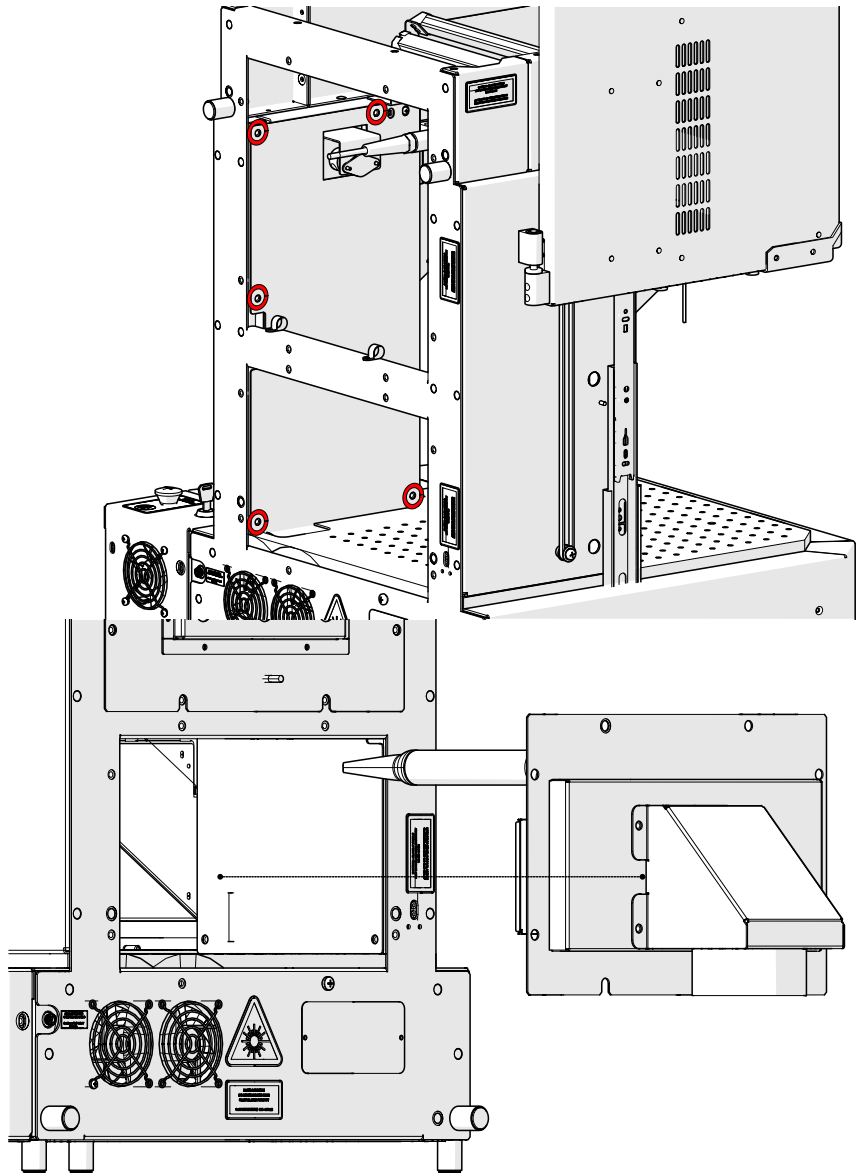
14. Install and tighten



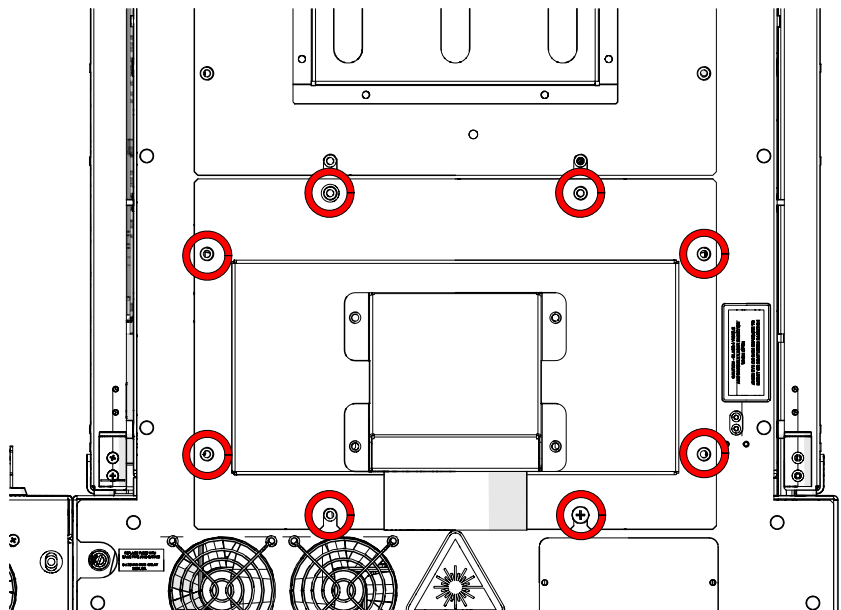
15. Install panel



16. Install and tighten

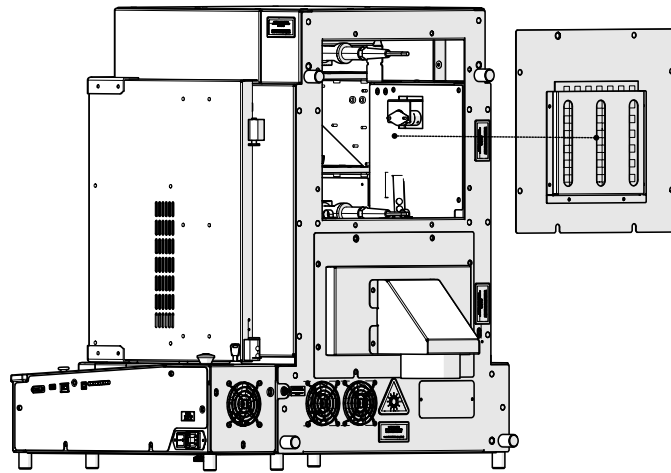


17. Install panel

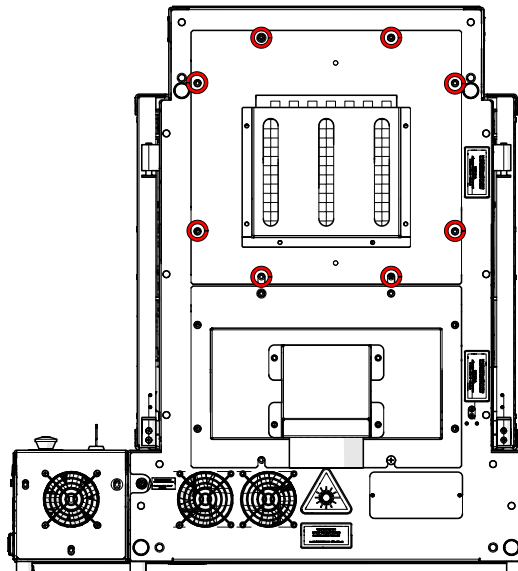


18. Install and tighten

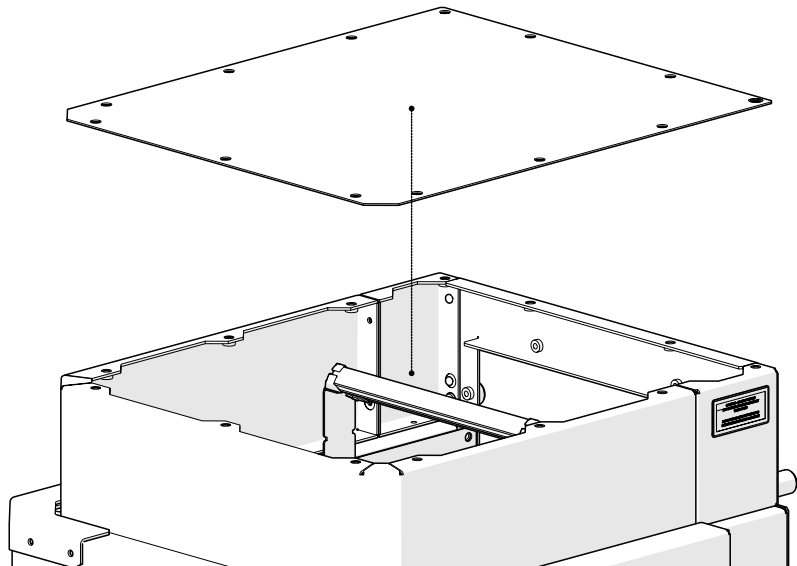
19. Install panel



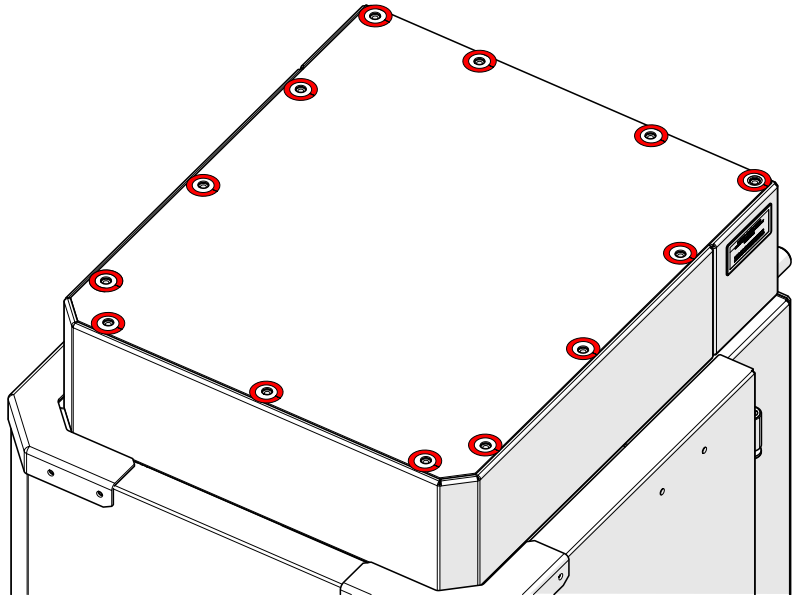
20. Install and tighten



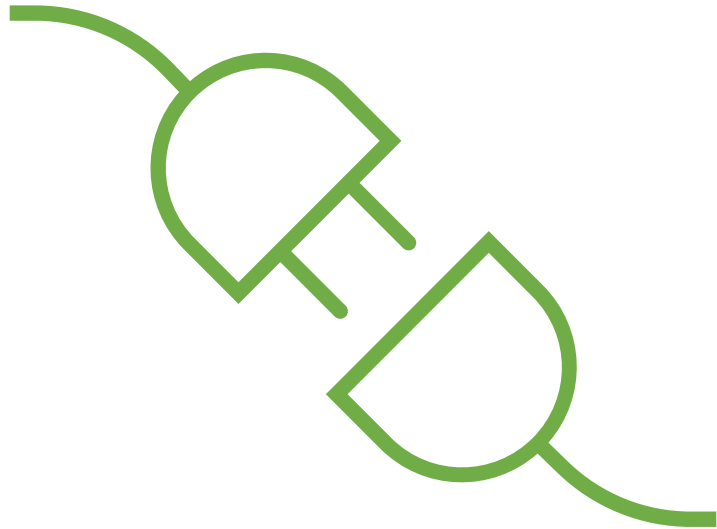
21. Install panel



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.