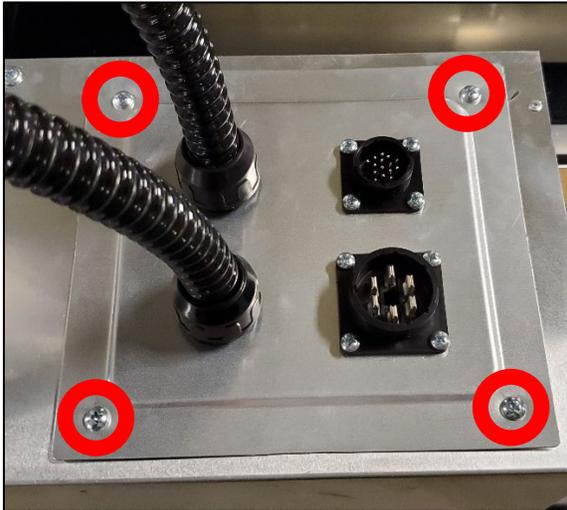


Installing External Safety Beam Assembly on Door with Top-Mounted Brother Motor

Section 1: Installation

1. Disconnect power from the controller.
2. Remove the harness plate from the electrical enclosure on top of the head unit by removing the four screws that hold it in place.



3. Remove both knock-outs from the side of the enclosure by striking them outward from the inside.



4. Remove the star nuts from the strain reliefs.
5. Route the safety beam harnesses into the enclosure.

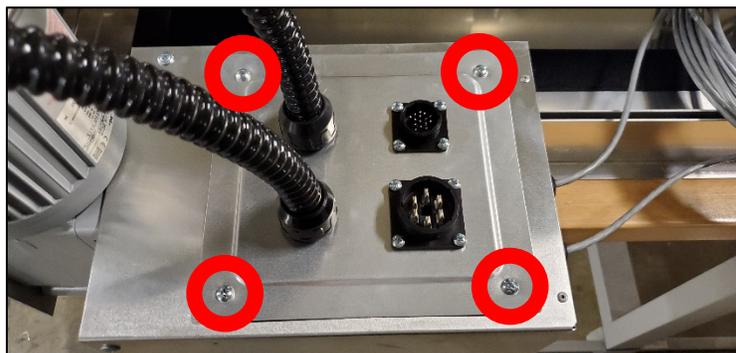
- Secure the strain reliefs using the star nuts on the inside and the hex nuts on the outside.



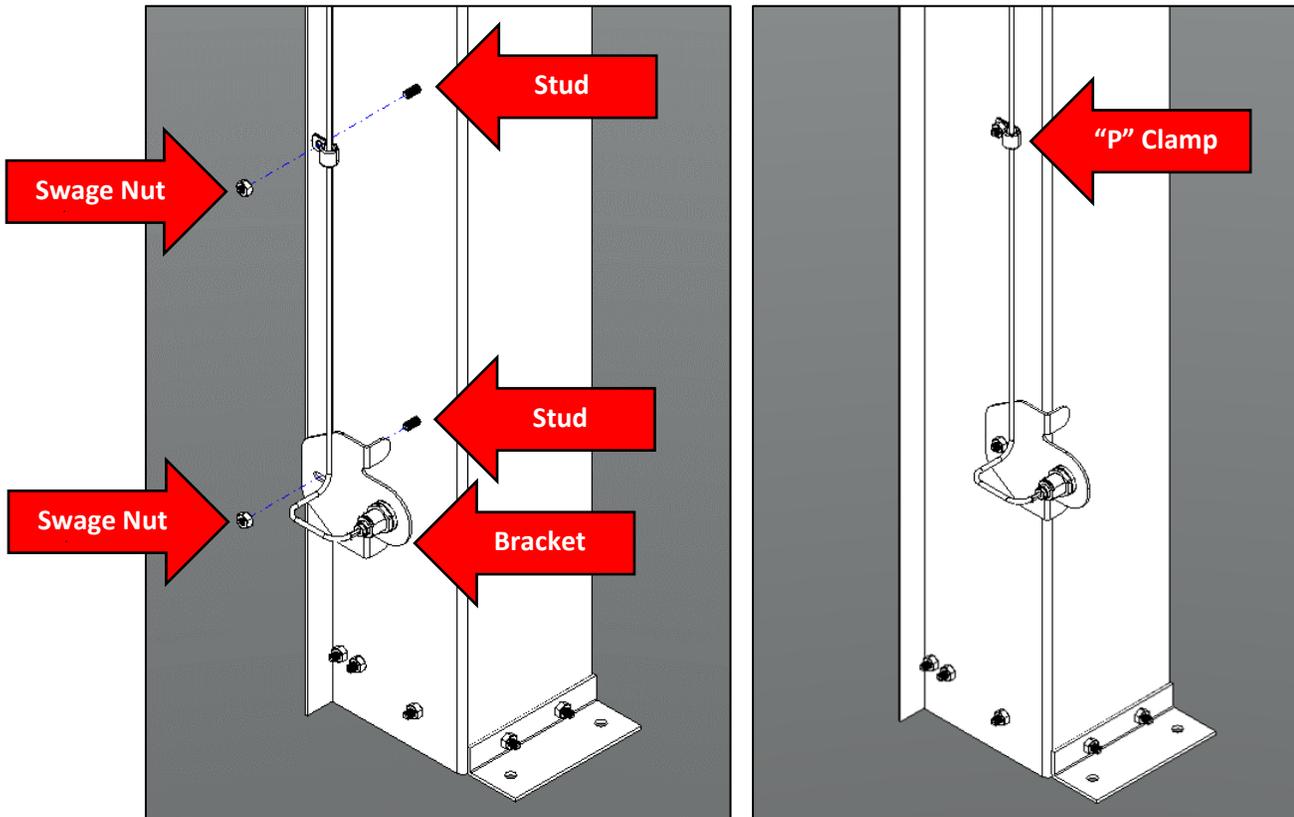
- Connect the safety beam harnesses to their mates inside the enclosure.



- Secure the harnesses with zip ties and adhesive pads as needed to prevent them from rubbing the encoder.
- Reinstall the harness plate on the electrical enclosure using the four screws you removed in Step 2.



10. On the left track, remove the swage nut at the height where the sensor is to be mounted (typically the second from the floor).
11. Install the bracket from the longer harness on the stud, ensuring it is flush with the front of the track.
12. Reinstall the swage nut.
13. Route the wiring up the track to the electrical enclosure, securing it using the provided "P" clamps along the sides of the tracks.
14. Coil the excess wiring, then secure it at the top of the door.
15. Repeat Steps 10-14 with the shorter harness on the right track.



Section 2: Validation

1. Reconnect power to the controller.
2. Open the door to its upper limit.
3. Lower the door but interrupt the safety beam as the door moves. The door should reverse and return to the upper limit.
4. If the door does not return to the upper limit, check all connections and repeat Steps 2-3.
5. If the door still does not return to the upper limit, call RollSeal Technical Support at 1-888-765-5732.