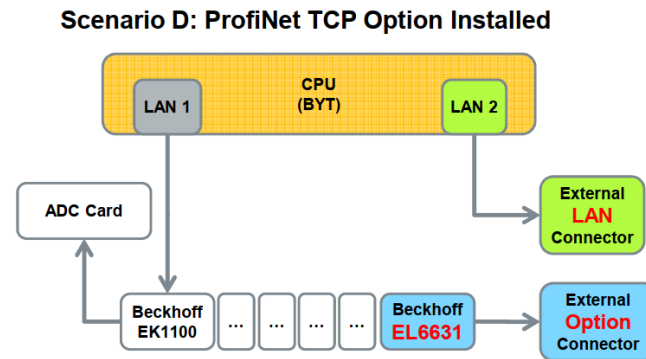
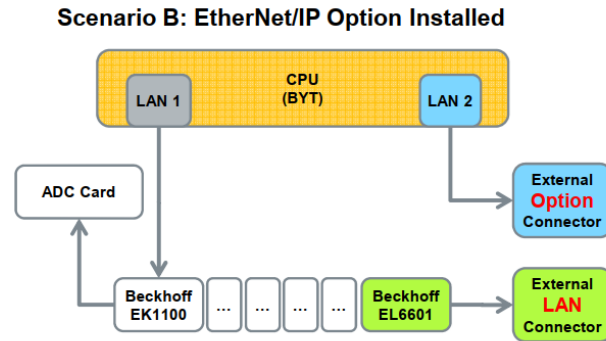


Add ProfiNet Module to SLS

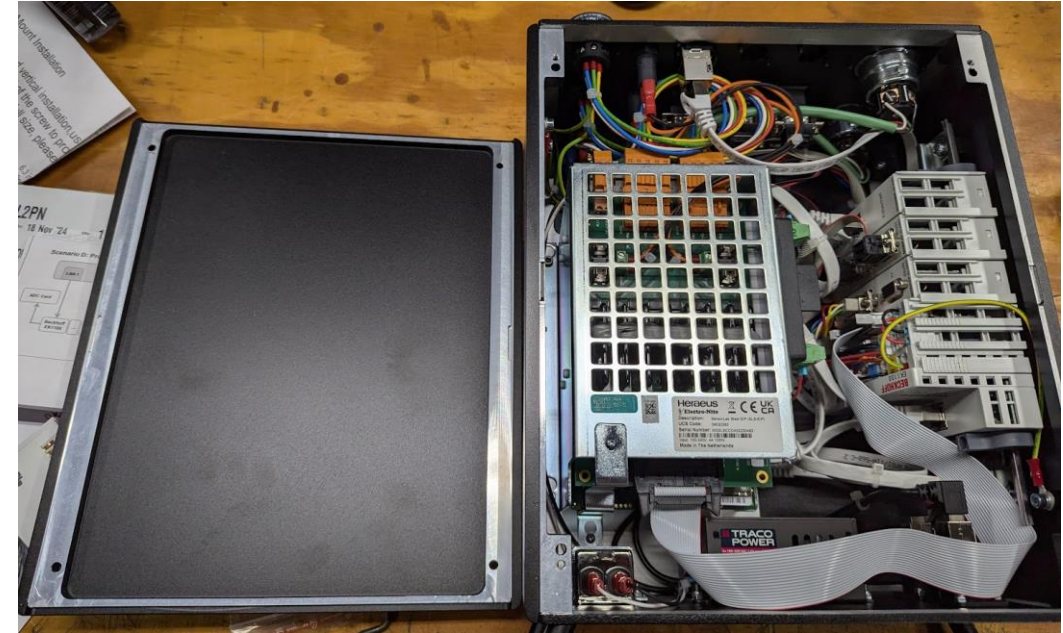
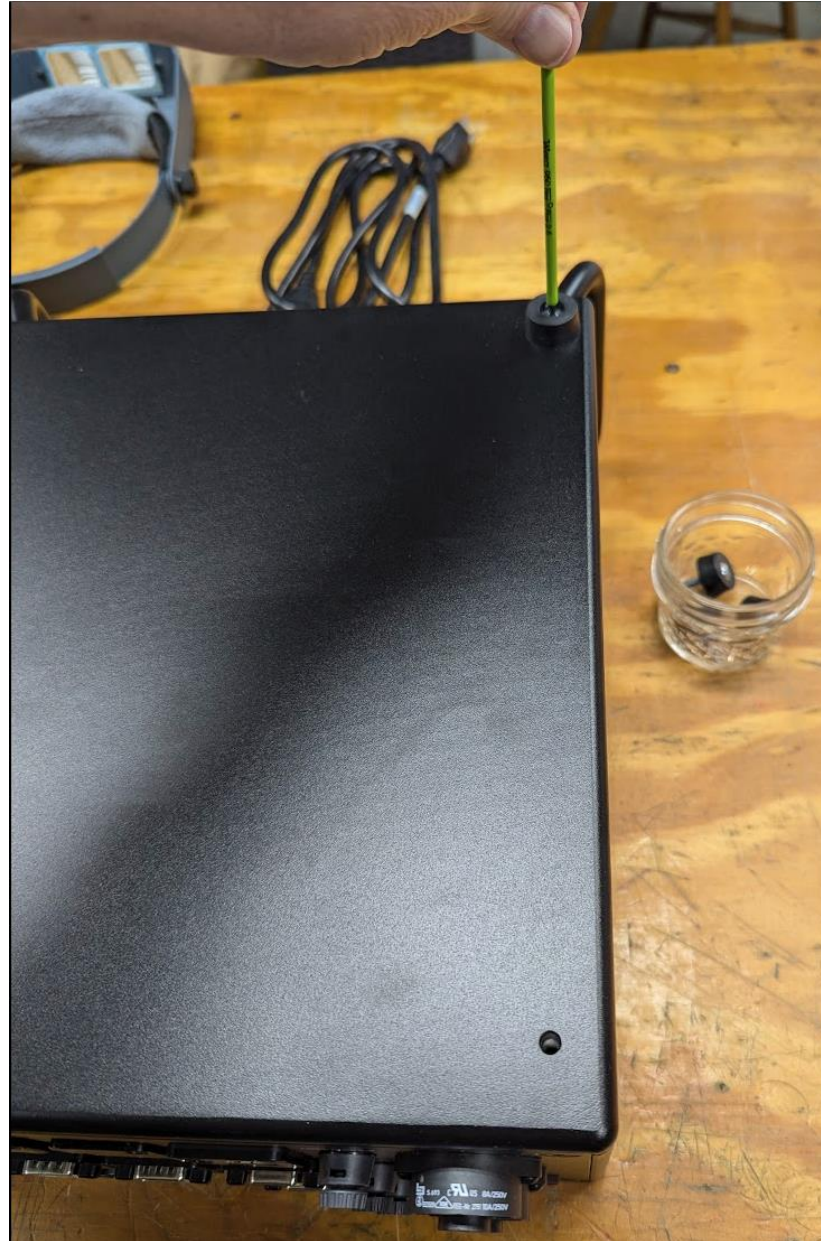
- The SLS to be updated.
- 39250005 ProfiNet option kit with:
 - Beckhoff EL6631-0010 ProfiNet module
 - RJ45 Bulkhead connector
 - RJ45 patch cable
 - Metal label with print “PROFINET”



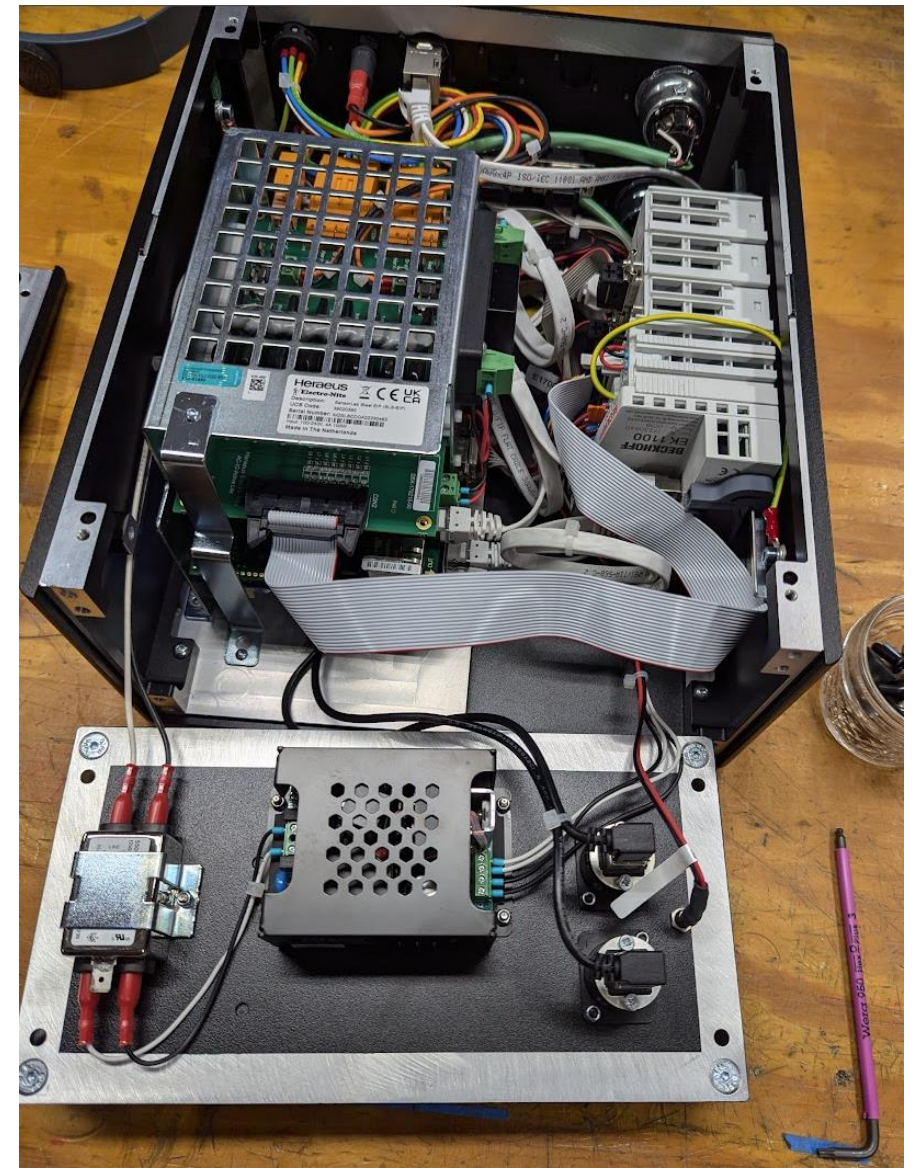
- The SLS is typically shipped with internal configuration as depicted in “Scenario B: EtherNet/IP Option Installed”
- This update will remove the Beckhoff EL6601 module if it exists, replace it with the Beckhoff EL6631 and reconfigure Ethernet cabling as illustrated in “Scenario D: ProfiNet TCP Option Installed”



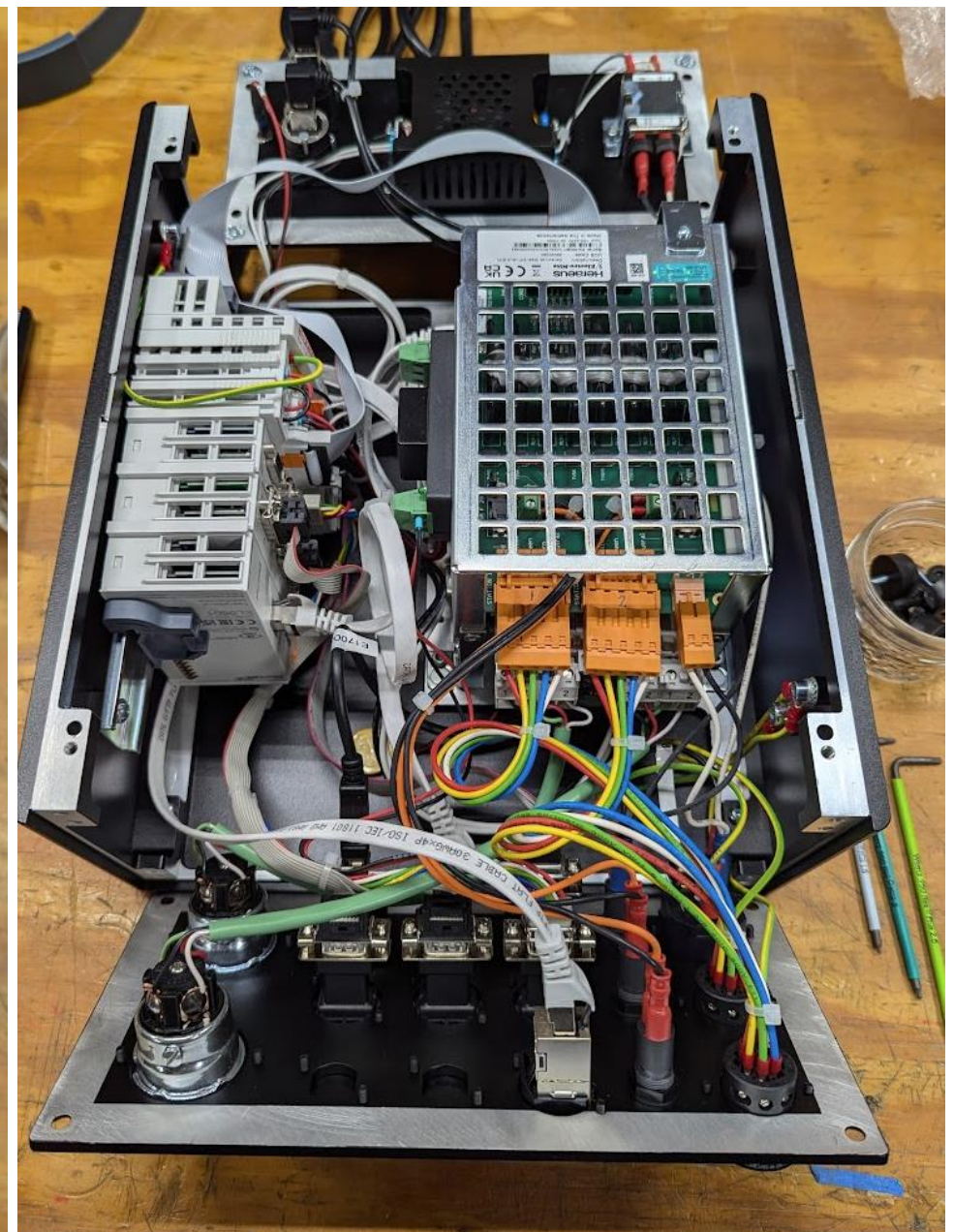
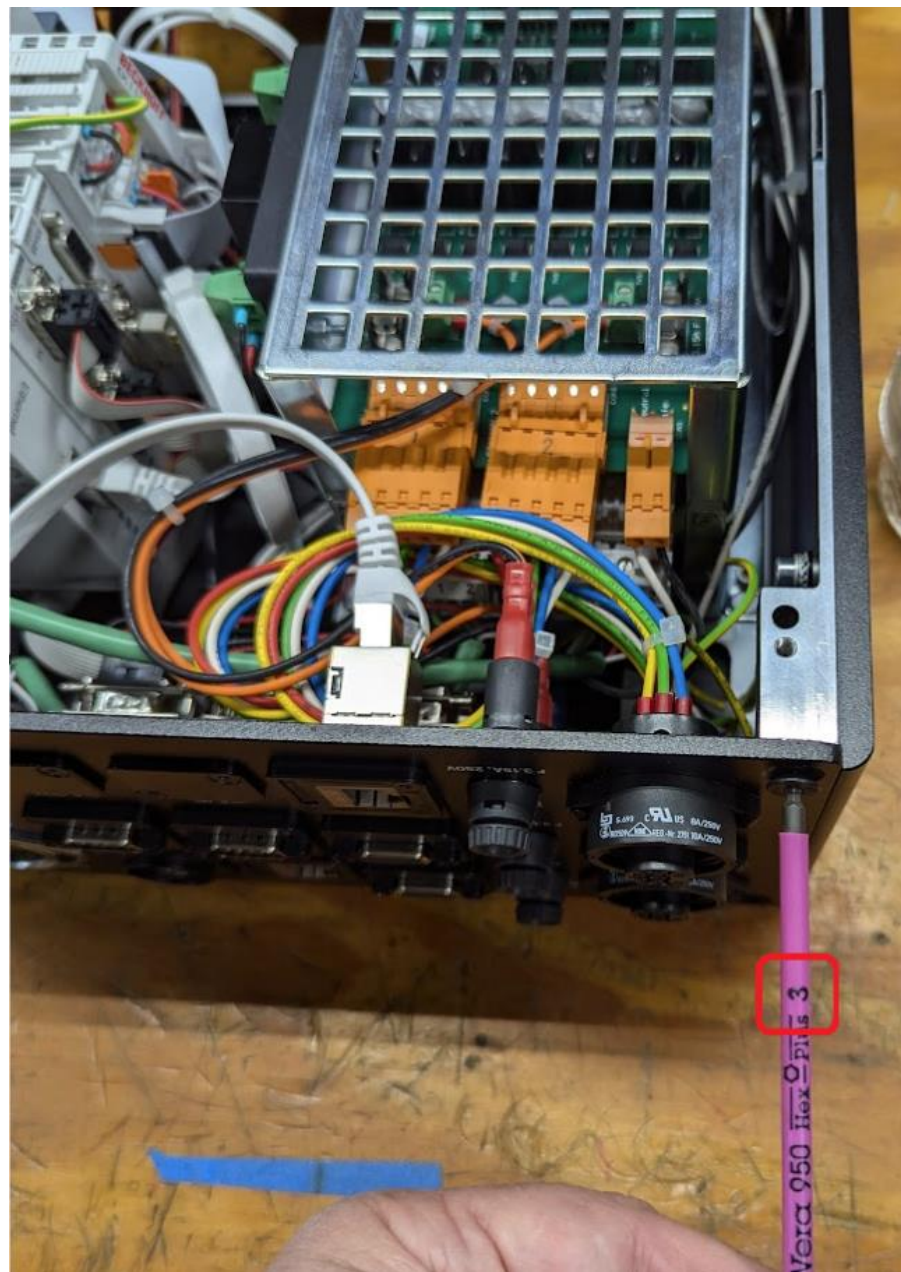
- Access the SLS from the bottom.
- Turn the SLS over and remove the hex head screws and rubber gromet feet.
- Lift the bottom panel and remove.
- The hex tool size is 2.5mm



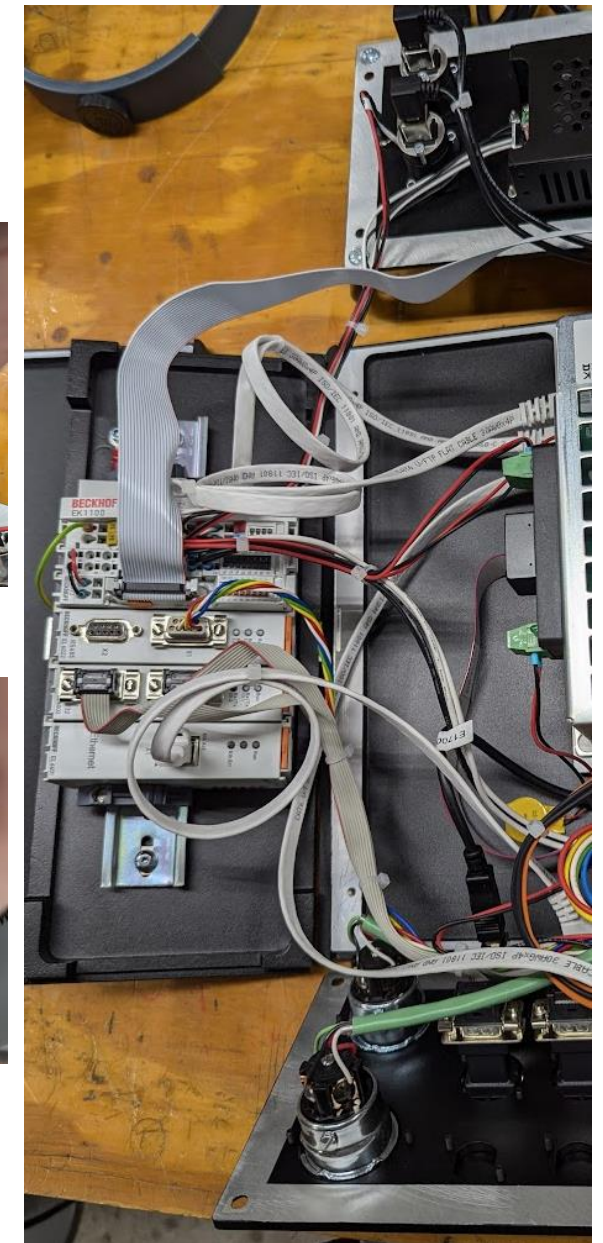
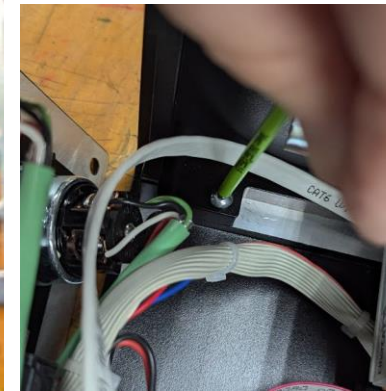
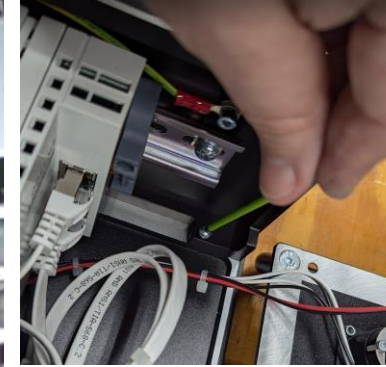
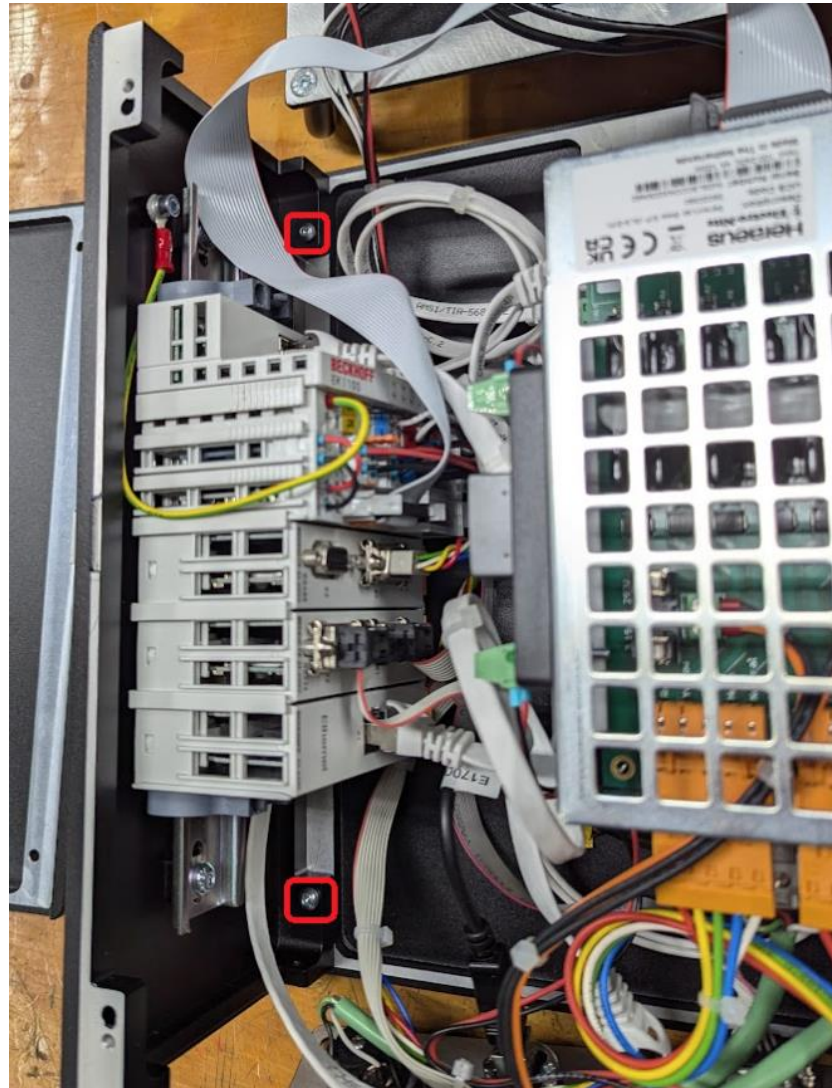
- Remove the front panel from the frame.
- Remove the hex head screws from the front panel.
- Lay back the front panel.
- The hex tool size is 3mm



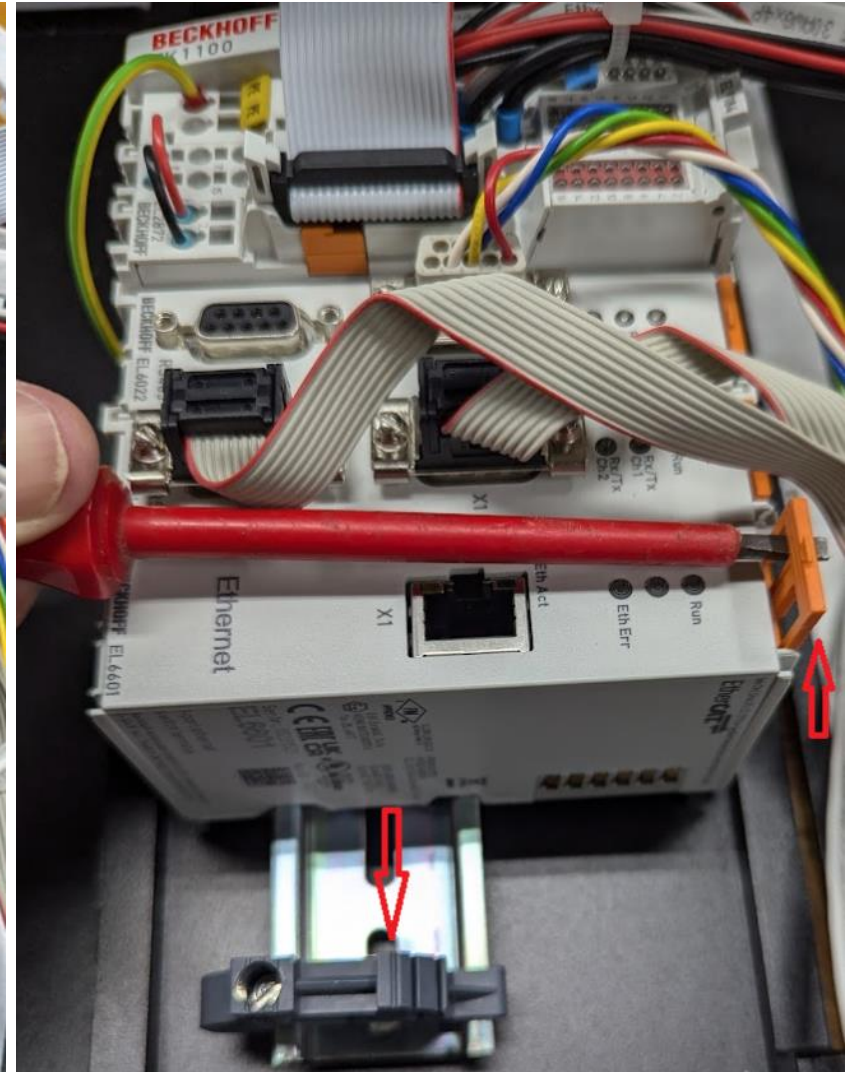
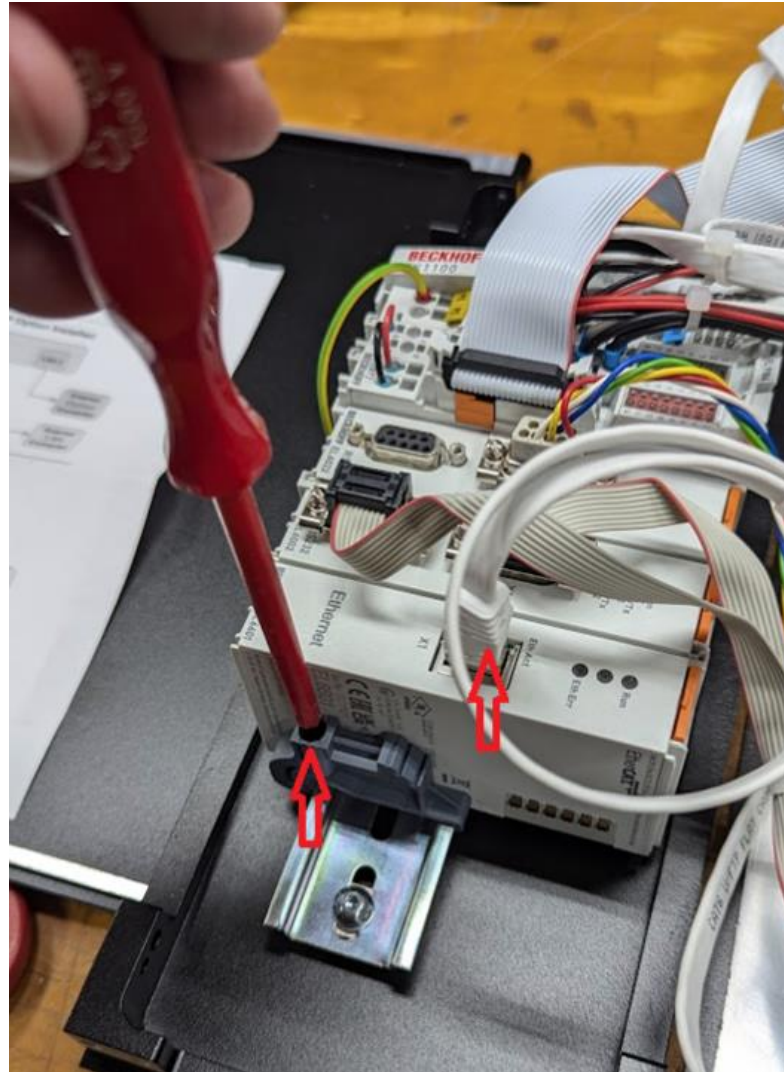
- Remove the rear panel from the frame.
- Remove the hex head screws from the rear panel.
- Lay back the rear panel.
- The hex tool size is 3mm



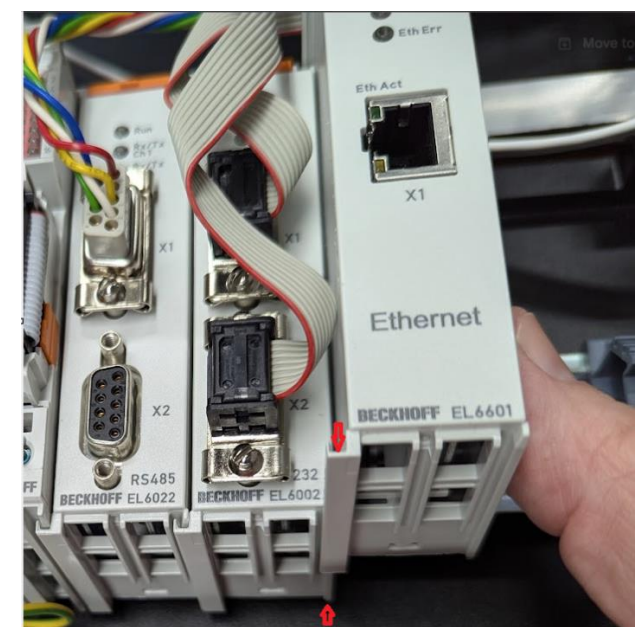
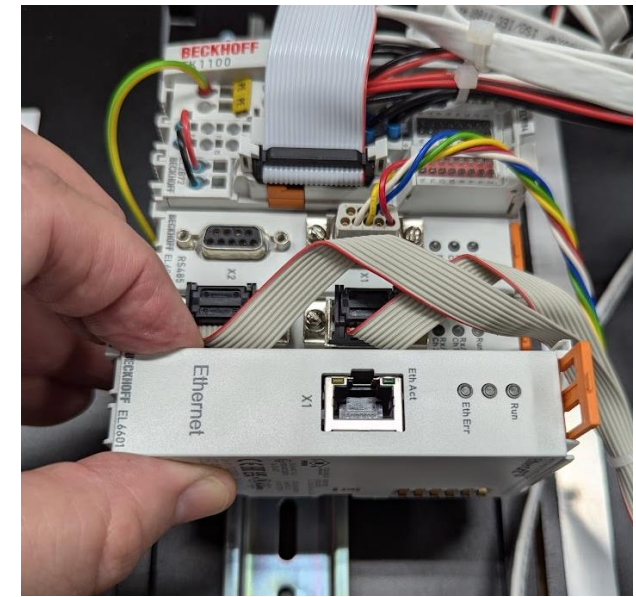
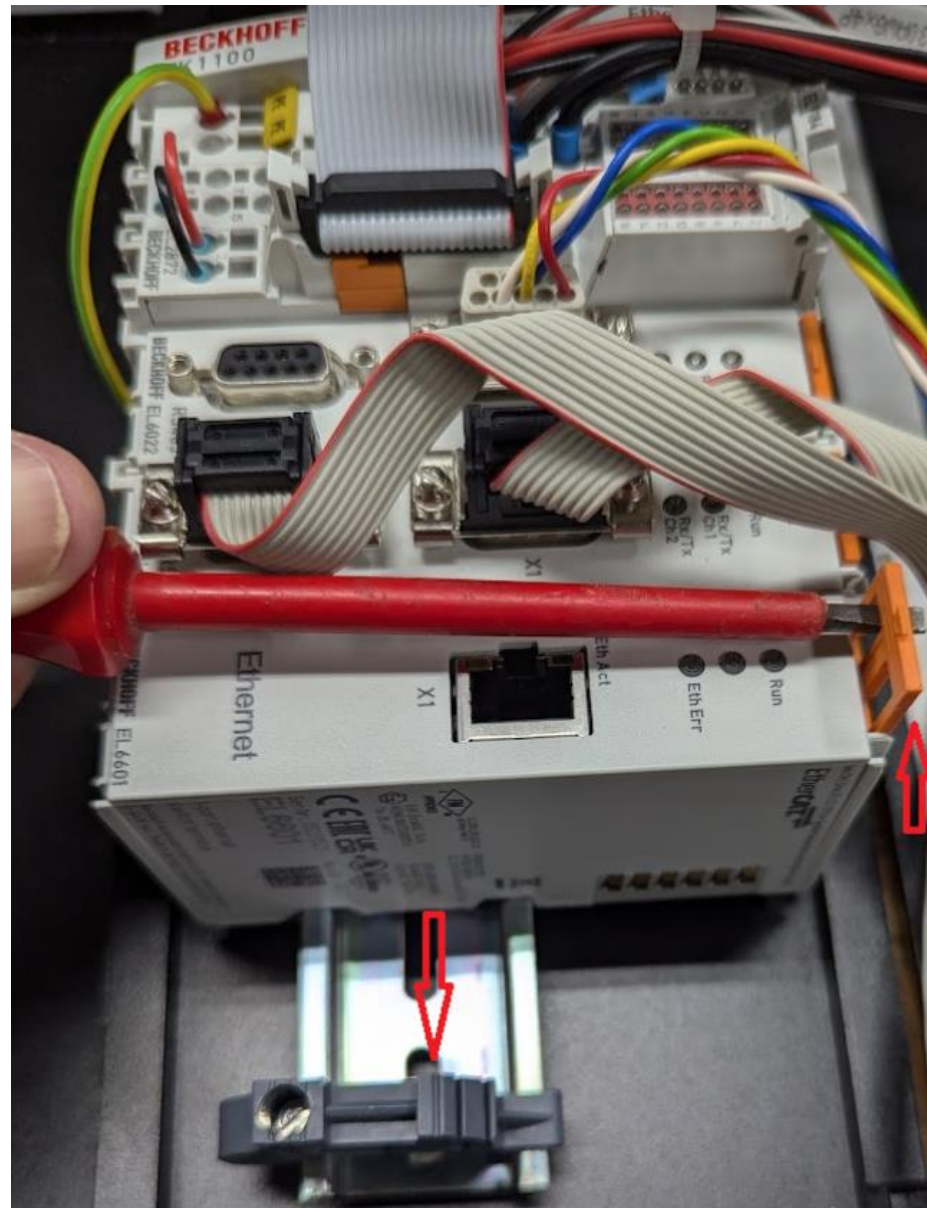
- Remove the side panel with the Beckhoff I/O modules mounted on it.
- Locate the 2 screws holding the side panel to the frame.
- Remove the hex head screws from the side panel.
- Lay back the side panel.
- The hex tool size is 2.5mm



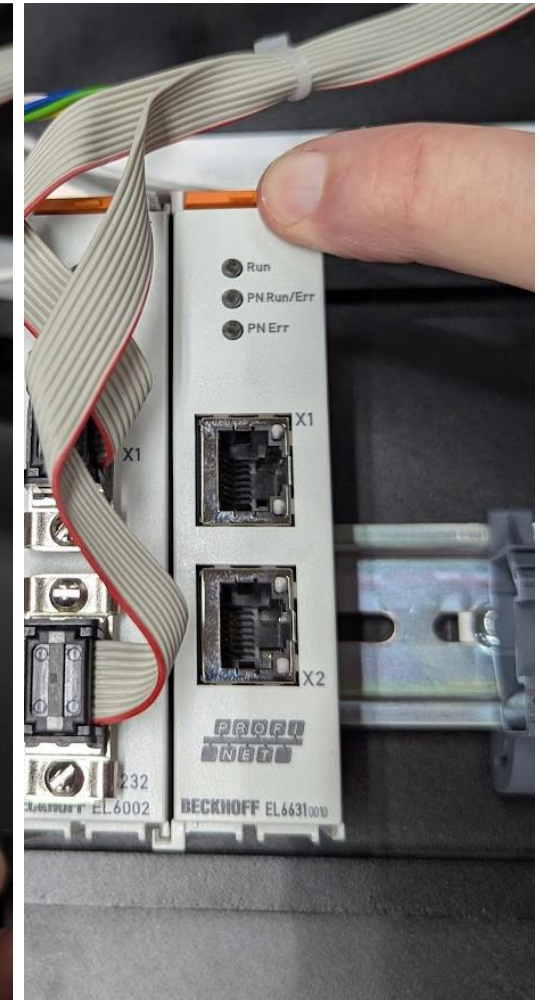
- Remove the Ethernet patch cable from the Beckhoff 6601 module.
- Loosen the screw on the DIN rail end bracket and slide out of the way.
- Use a flat blade screwdriver to lift the locking tab on the Beckhoff 6601 module.



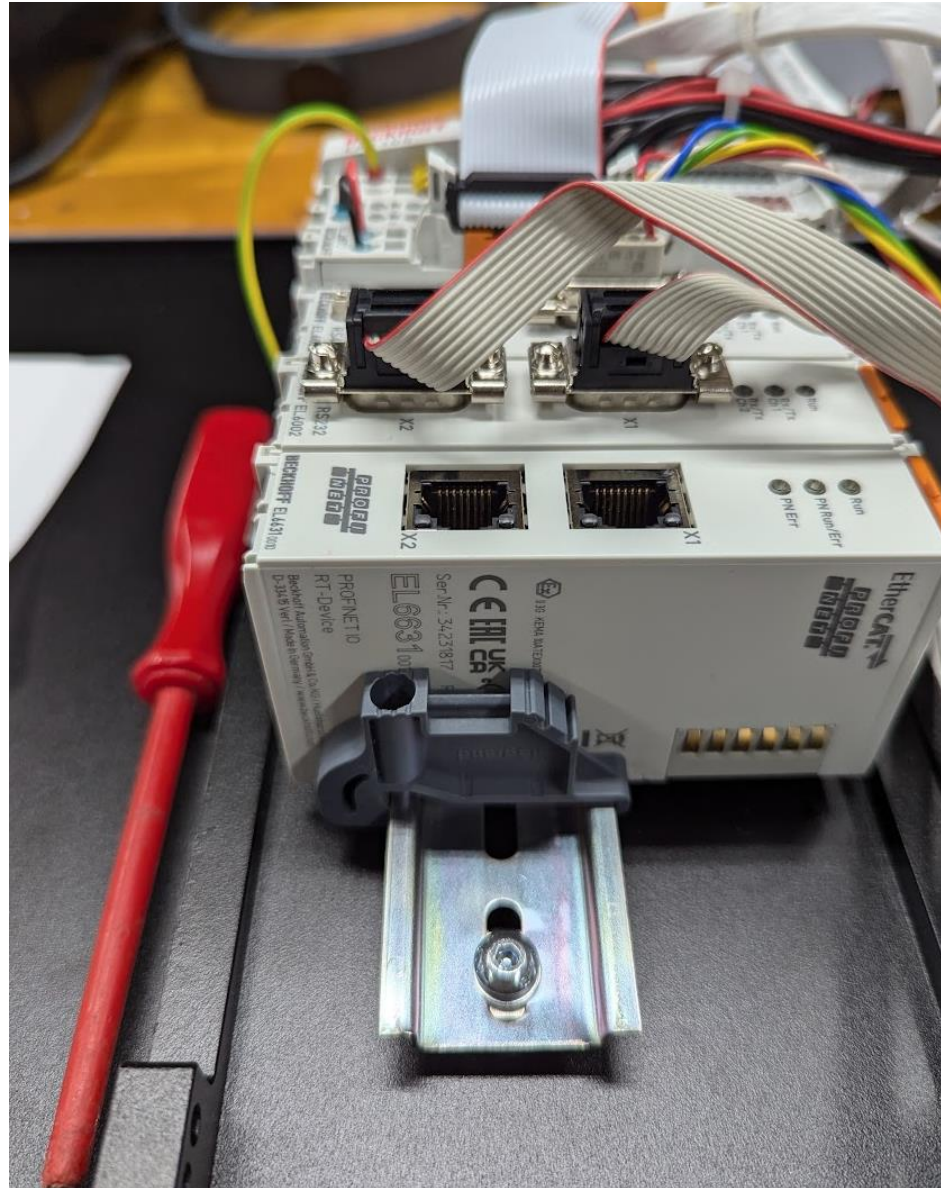
- Lifting the locking tab on the Beckhoff 6601 module releases it from the DIN rail.
- Slide the module straight up to remove it.
- Note the grooves that guide and interlock the modules together.



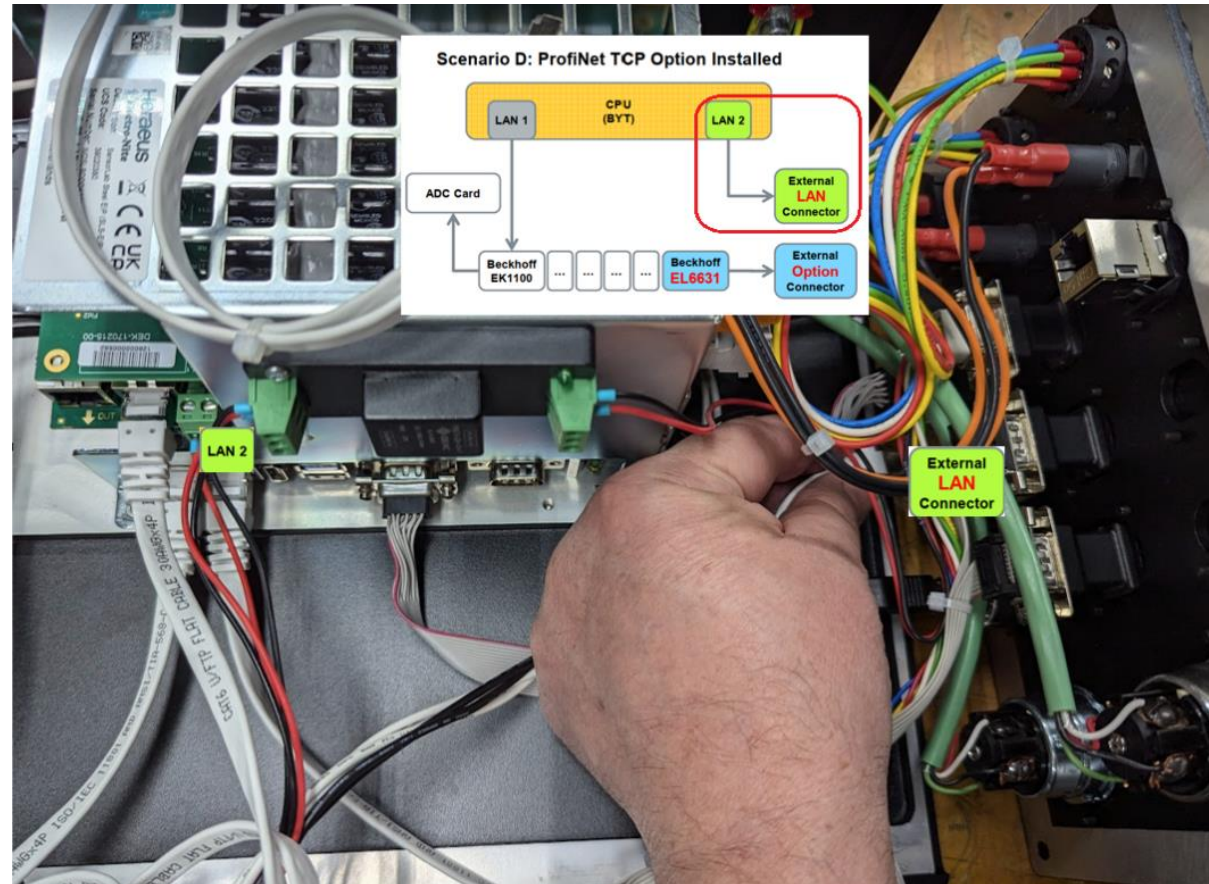
- Lift the locking tab on the new Beckhoff 6631 module.
- Slide the module straight down along the grooves of the adjacent module and seat firmly.
- Press the locking tab down to secure the module to the DIN rail.



- Slide the DIN rail end bracket firmly up against the new module and tighten the screw to hold in place.



- The Ethernet patch cable connected to LAN 2 was originally connected to the option port if the SLS was configured for EtherNet/IP.
- Move the LAN 2 patch cable from the option port on the rear panel to the LAN port on the rear panel for ProfiNet TCP Option.



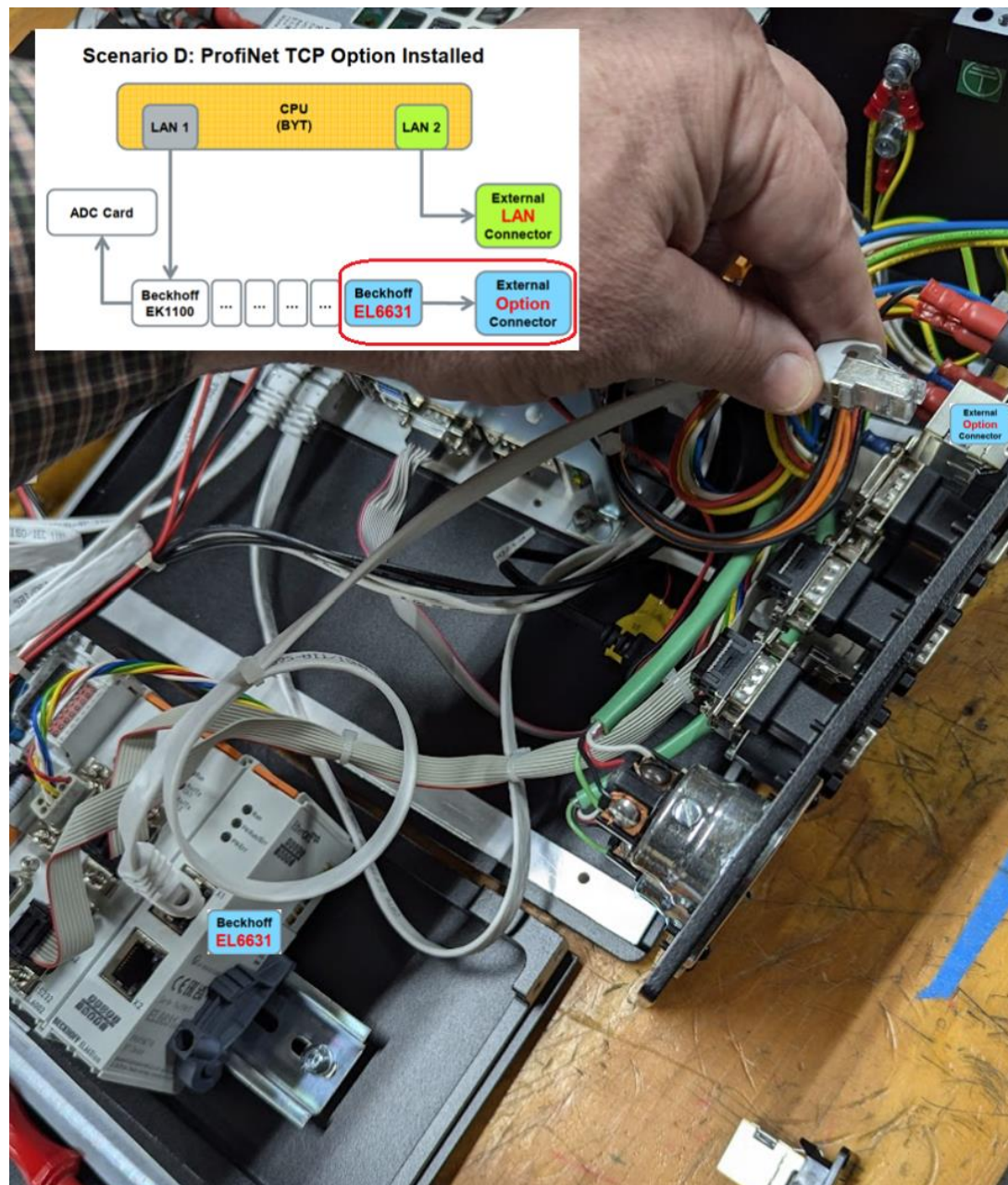
- The Ethernet patch cable connected to LAN 2 was originally connected to the option port if the SLS was configured for EtherNet/IP.
- Remove the hex head screws from the option connector.
- Remove the option connector from the rear panel.
- The hex tool size is 2mm



- 39250005 ProfiNet option kit contains a RJ45 Bulkhead connector with screws, a RJ45 patch cable and a printed metal label with “PROFINET”.
- Add the label to the RJ45 Bulkhead connector and insert into the rear panel.
- Attach the option connector and label to the rear panel with the hex head screws.
- The hex tool size is 2mm



- 39250005 ProfiNet option kit contains a RJ45 Bulkhead connector with screws, a RJ45 patch cable and a printed metal label with “PROFINET”.
- Connect the RJ45 patch cable from the Beckhoff 6631 module to the RJ45 bulkhead connector that was just installed in the rear panel.



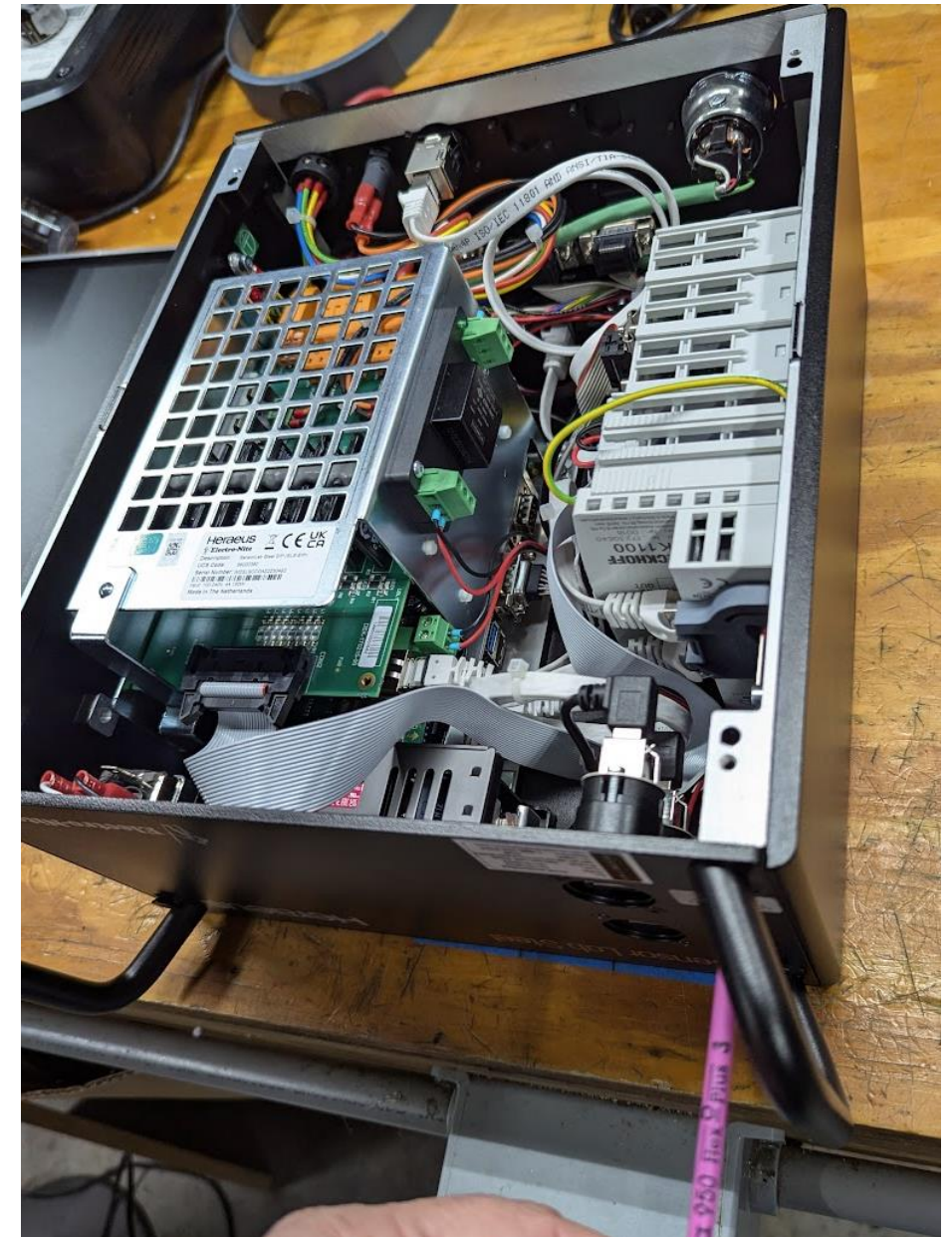
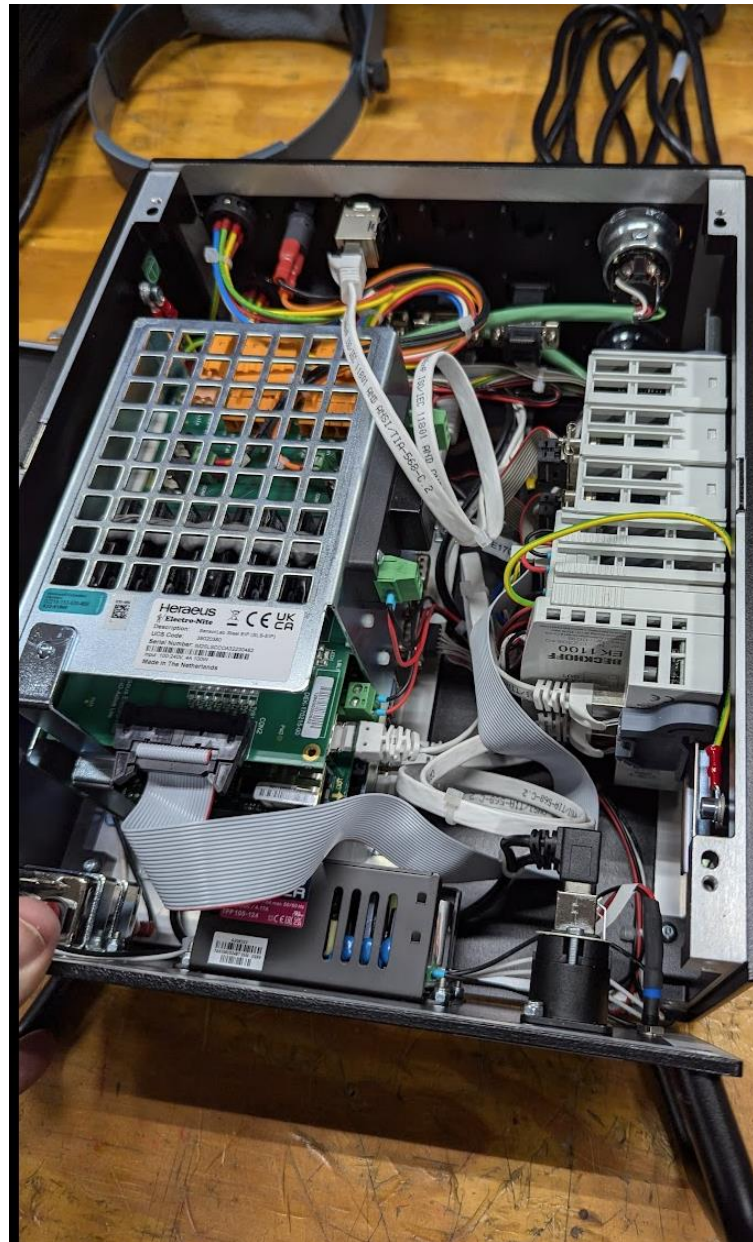
- Start reassembling the SLS.
- Add the side panel to the frame.
- Hand thread and tighten the hex head screws holding the side panels in place.
- Use the hex tool to tighten the screws lightly but do not over-tighten as the aluminum frame seizes easily.
- The hex tool size is 2.5mm



- Add the back panel to the frame.
- Hand thread the hex head screws holding the panel in place.
- Use the hex tool to spin the screws down, but leave loose until the bottom plate has been seated.
- The hex tool size is 3mm



- Add the front panel to the frame.
- Hand thread the hex head screws holding the panel in place.
- Use the hex tool to spin the screws down, but leave loose until the bottom plate has been seated.
- The hex tool size is 3mm



- Add the bottom panel to the frame.
- Hand thread the hex head screws holding the panel in place.
- Use the hex tool to spin the screws down and tighten but do not over tighten.
- The hex tool size is 2.5mm.
- Go back over the front and rear panel screws and tighten.

