

BELROBOTICS

Installation Guide for high voltage protection – 2015 models

About this document

This document is intended for dealers and installers of Belrobotics products. The installation of High Voltage protection is described in few steps. Please follow this guide step by step.

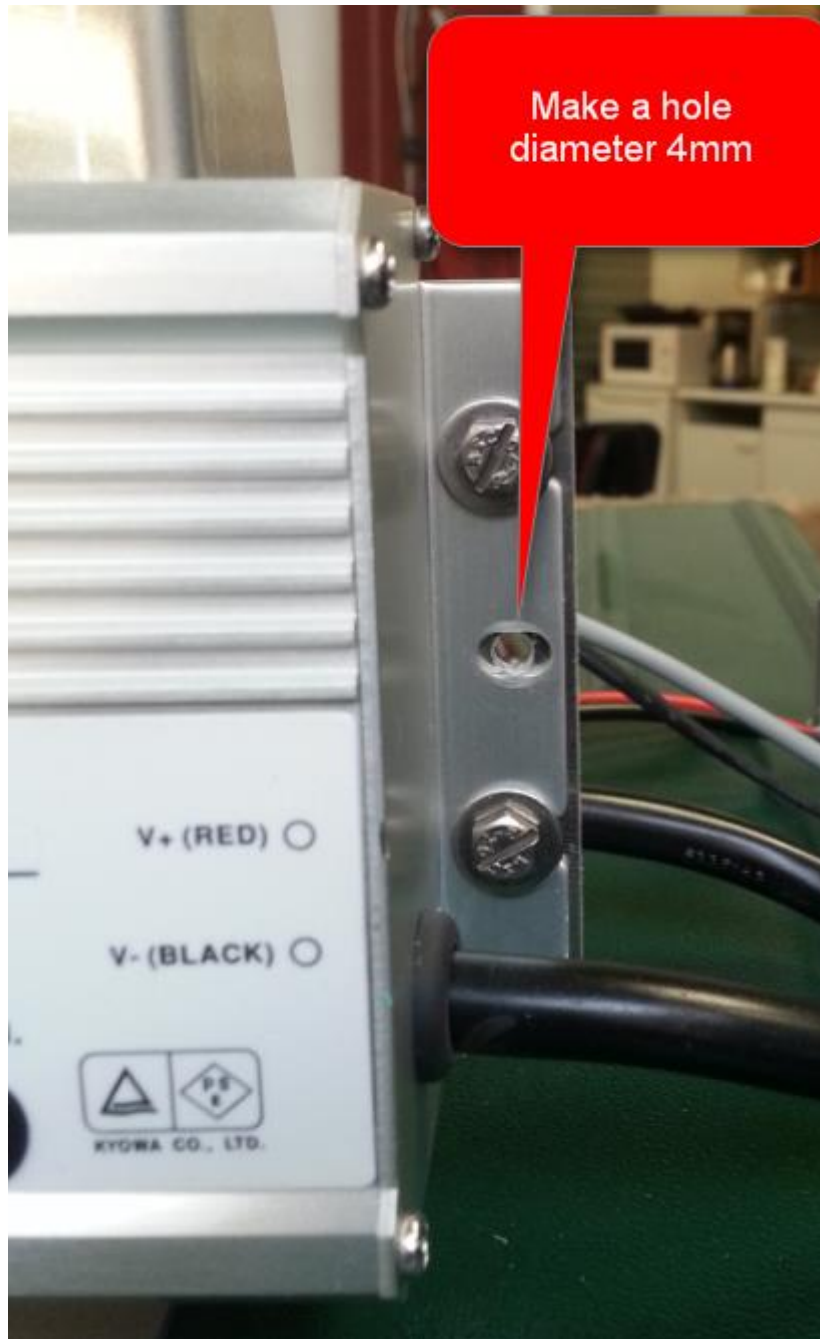
For any support, please contact sales.support@belrobotics.com



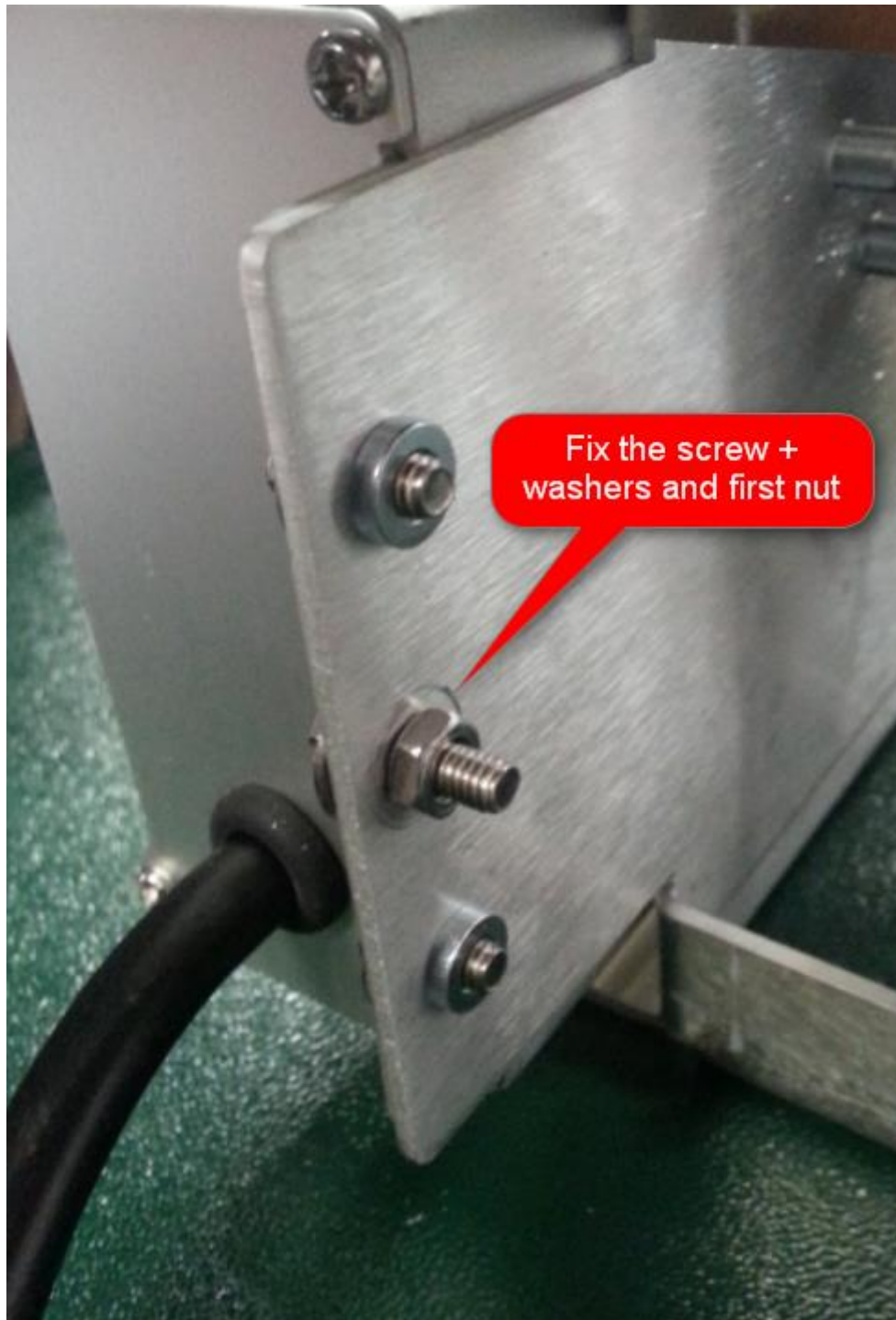
Before starting the operations described in this document, make sure:

- The robot is fully switched off using main electrical switch
- The robot is not at its station
- The electrical power supply of the station is disconnected

1. Remove the station hood
2. Make a hole to fix the rail DIN



3. Fix screw + washers and first nut



4. Fix the rail DIN with the second nut on the station chassis



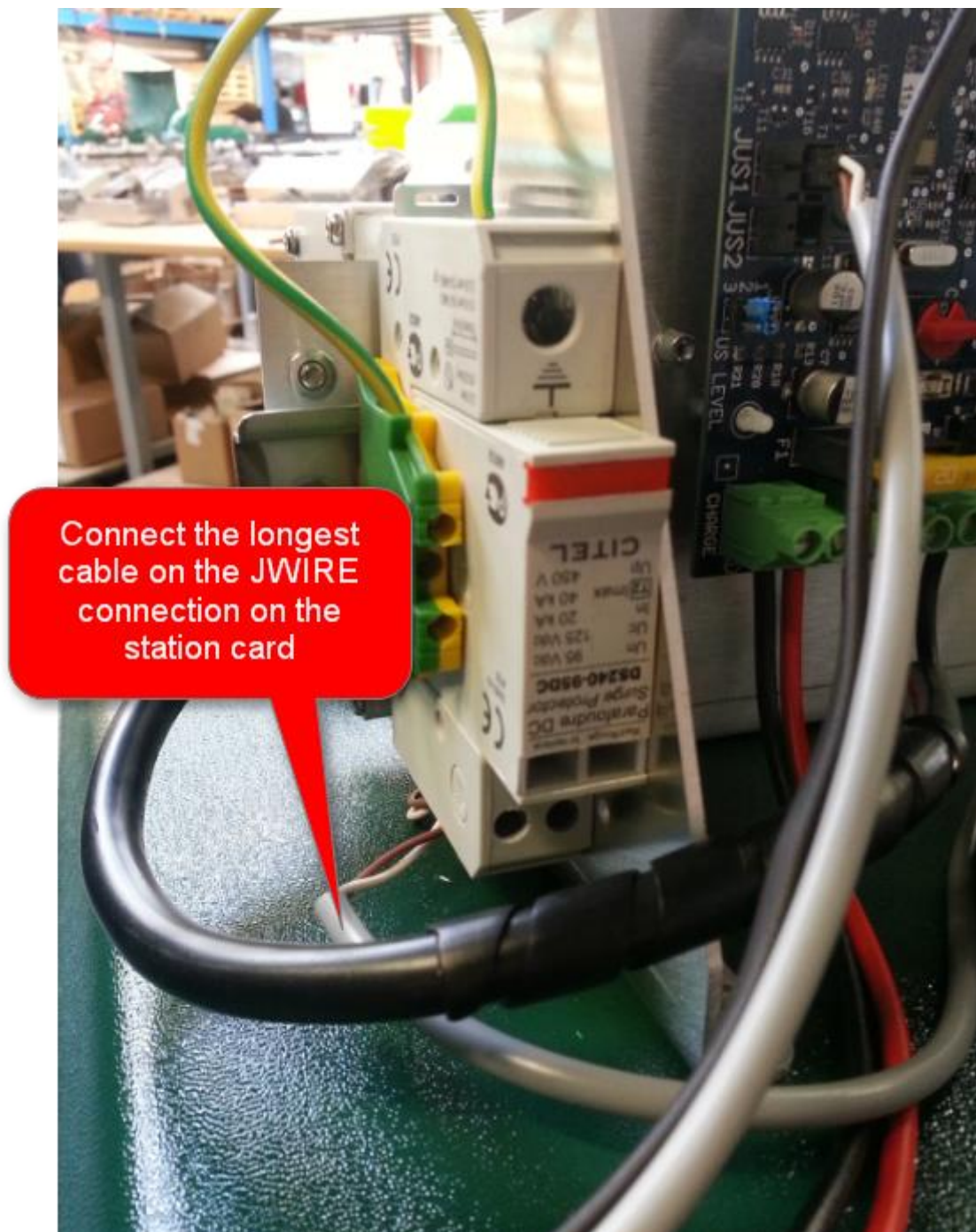
5. Disconnect the alimentation between DC supply and electronic board. Move this cable outside the aluminium chassis and reconnect on the station electronic board. Add the protection plastic



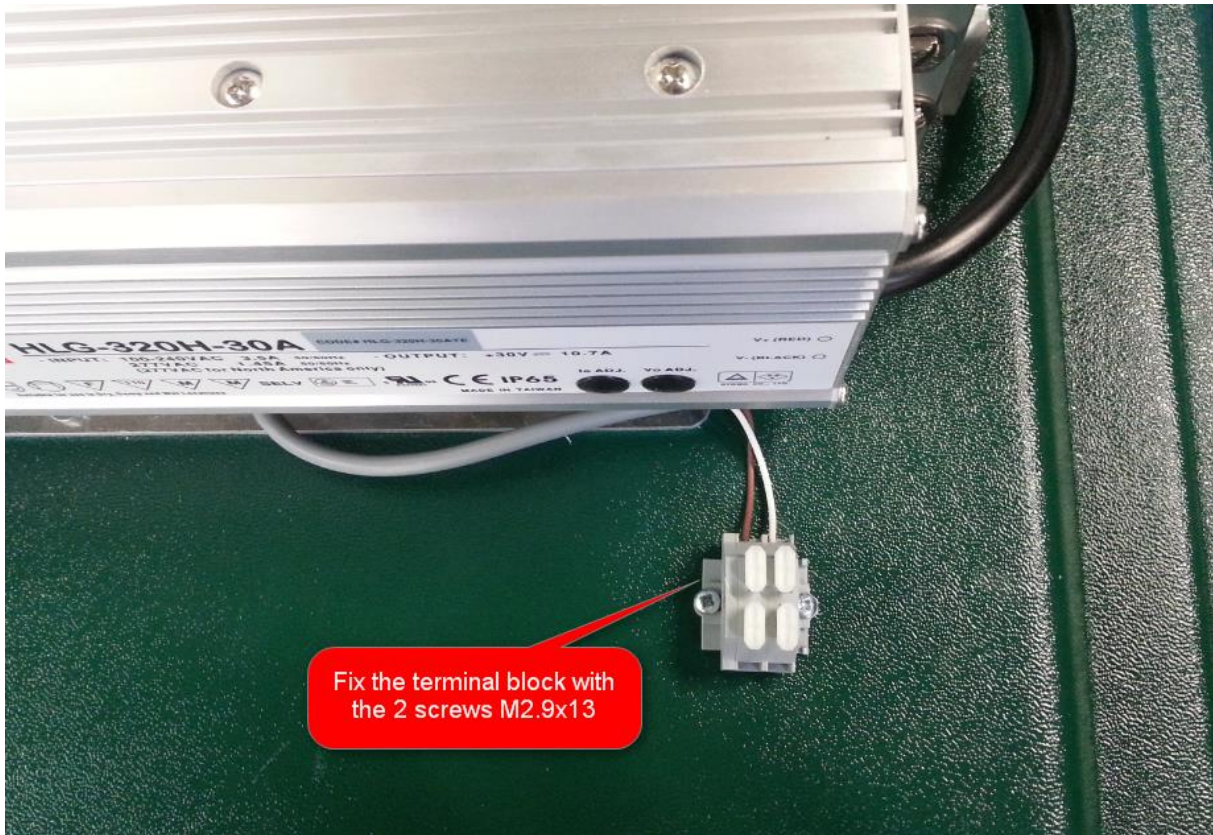
6. Clips protection and the block junction yellow/green on the rail DIN



7. Connect the longest cable on the JWIRE connection on the station card



8. Fix the terminal block on the plastic chassis using the 2 screws M2.9x13 card



9. Close the station hood, switch on the power supply. Start the robot and verify the robot is finding the magnetic field and operates normally. Press F3 to validate the signal phase (positive in the field, negative outside). If results are not OK, please verify the cable connection inside the station.