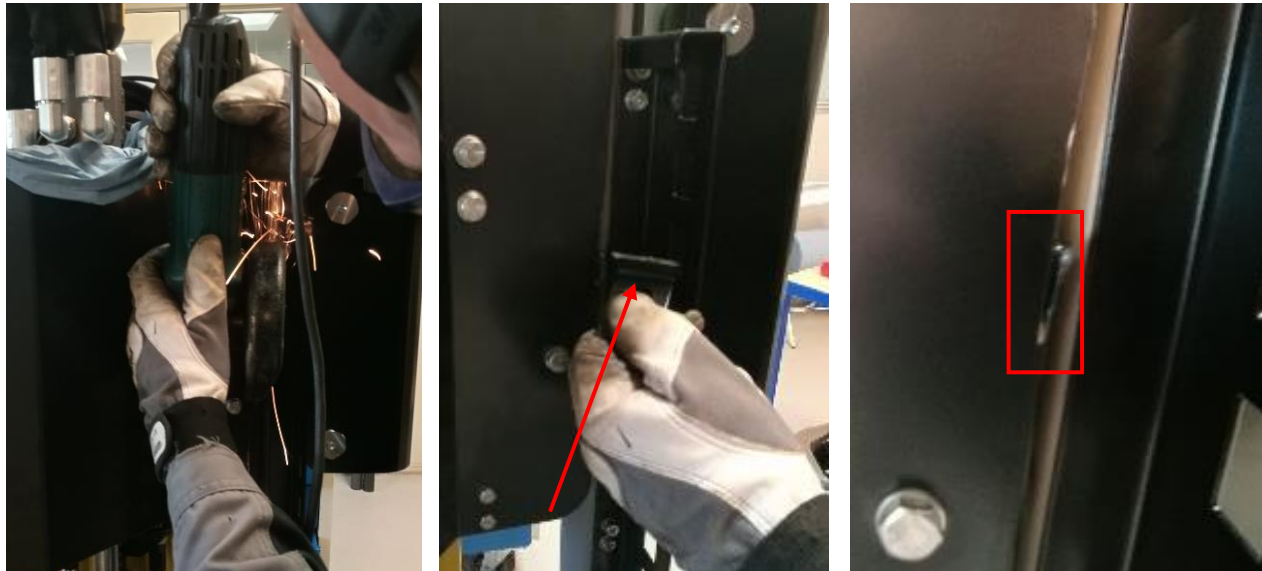


MOUNTING GUIDELINES FOR WINTEX SENSOR BRACKET

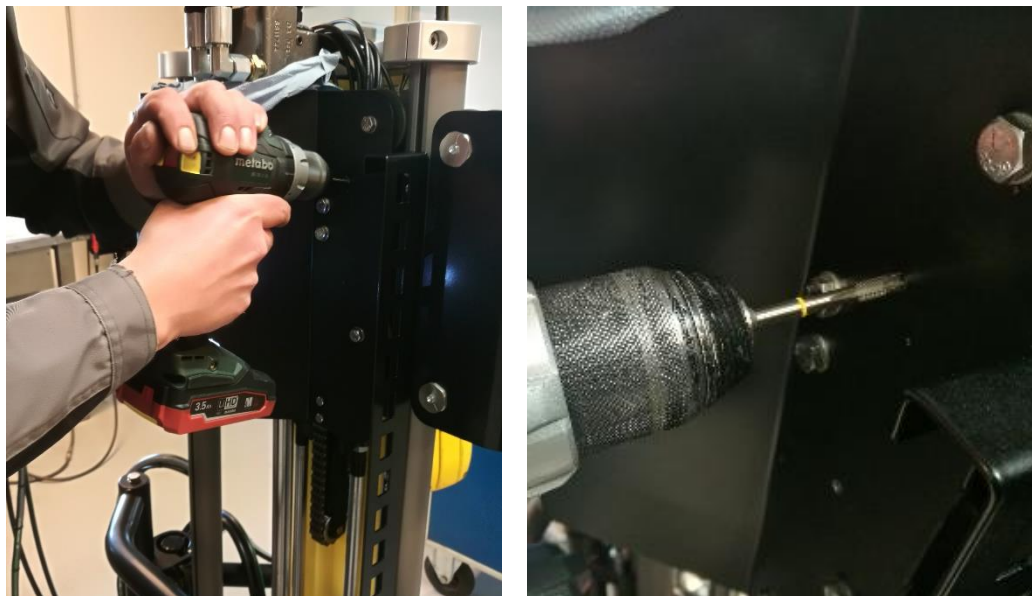
1. The old sensor bracket is in the way. Therefore it must be removed by cutting it off.



2. Place the new bracket and make sure that the bolts do not interfere with the guiding rolls at the rear side. Set a mark where you will drill a hole and then add a punch mark.



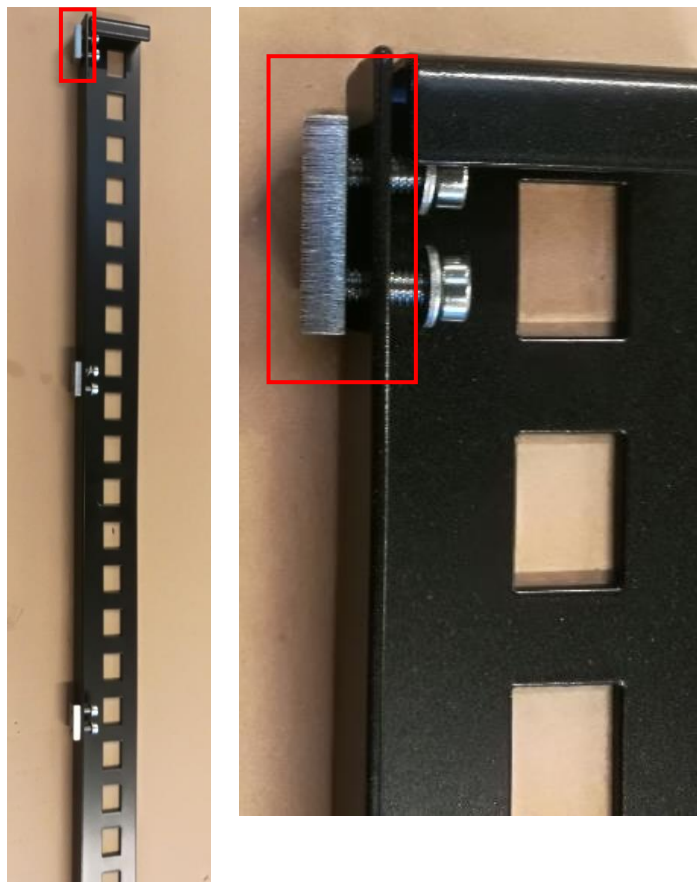
3. Drill a 5 mm hole where you have set the punch mark and then a 6 mm thread.



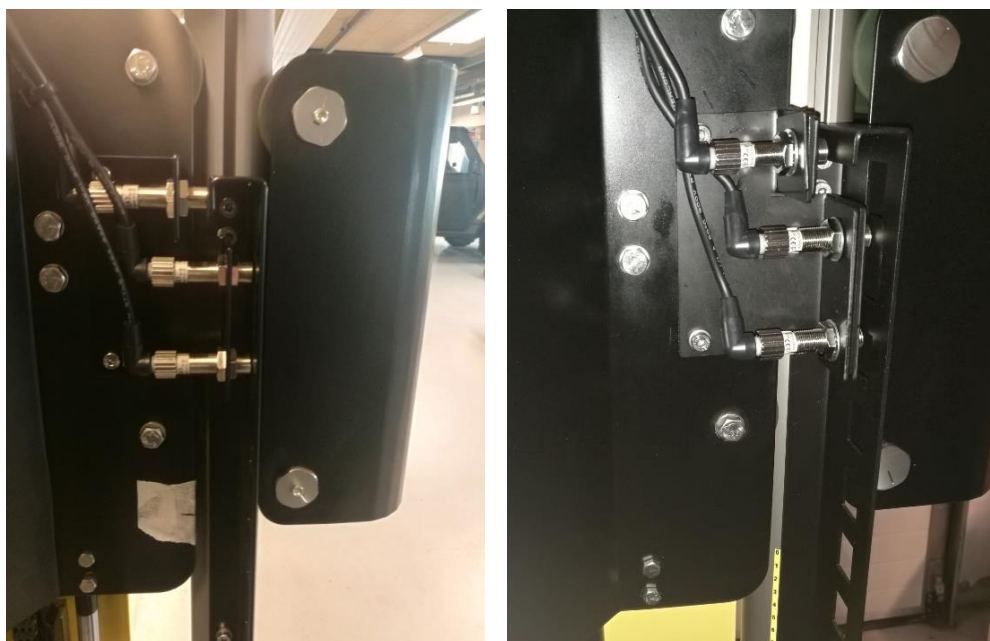
4. Bolt the bracket and use Loctite.



5. The bracket on the sensor rail fits into the guiding pipe.



6. Drive the probe manually into top position. Be aware that the sensor rail must be placed so that it fits with the top sensor, and that the space between the sensors and the sensor rail must be 2-3 mm.



7. When the new sensor bracket is mounted, drive the soil sampler manually downwards. You will see a red light when a sensor is almost close enough to the sensor rail, and a green light when a sensor has the correct distance to the sensor rail.

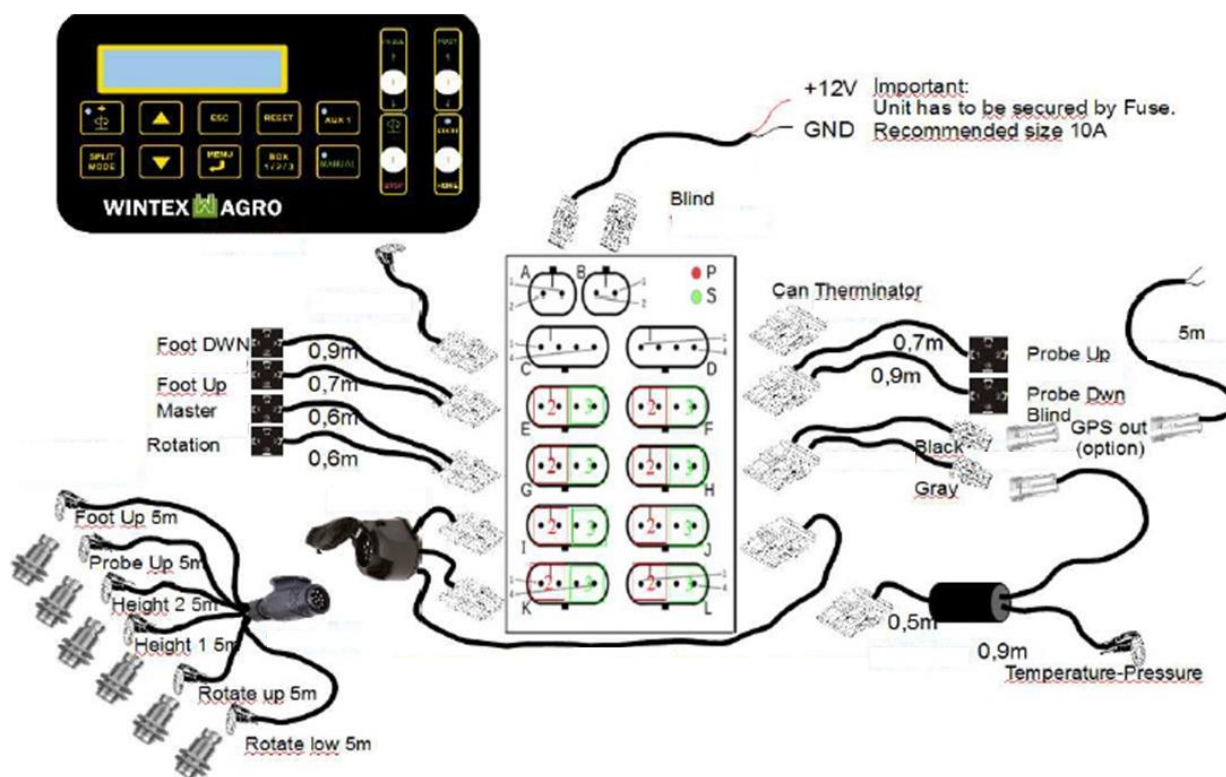
Check that the sensors will interchangeably blink red and green while the soil sampler moves downwards. If there is too much space between a sensor and the sensor rail, the light of the sensor will be red. This usually happens in the middle of the sensor rail. It will then be necessary to slightly bend the rail.



8. Drill five holes with a 4,2 mm drill on top of the cooler fitting and five M5 threads.



9. Now connect the sensors according to the drawing:



13-pole plug

Pin no. 1: Probe-is-up sensor GND	black wire
Pin no. 2: Probe-is-up sensor	brown wire
Pin no. 3: Foot-is-up sensor	brown wire
Pin no. 4: Foot-is-up sensor GND	black wire
Pin no. 5: Rotation – upper – home GND	black wire
Pin no. 6: Rotation – upper – home	brown wire
Pin no. 7: Rotation – lower – step	brown wire
Pin no. 8: Rotation – lower – step GND	black wire
Pin no. 9: Height sensor 1 GND	black wire
Pin no. 10: Height sensor 1	brown wire
Pin no. 11: Height sensor 2	brown wire
Pin no. 12: Height sensor 2 GND	black wire

