Removing the electronics cover

Step 1



- In the above image, the green rectangle indicates the cover that we are about to remove.
- The X-300 has to be connected to a computer on which the virtual pendent software is configured and registered.
- Switch on machine and computer.
- Home the spindle, then, using the jog keys, move the spindle to approximately the middle of the X-axis and all the way to the front of the machine (see image on the right below).
- Next, switch off the machine.

Step 2

- Remove the M4 screw with the black plastic cover support, indicated by a yellow arrow.
- Remove the M4 buttonhead screws, indicated by a green arrow.
- Remove the M4 buttonhead screw, indicatedbya blue arrow. Be careful not to mix the screws indicated with a green arrow with the one indicated with a blue arrow. The one indicated with a blue arrow is shorter and must be replaced on the same spot when re-assembling.
- Put all of these screws in a safe space.
- Slide the left Y-axis belt cover off and put it away together with the screws.

Step 3

- Remove the M4 screw with the black plastic cover support, indicated by a yellow arrow.
- Remove the M4 buttonhead screws, indicated by a green arrow.
- Remove the M4 buttonhead screw, indicated by a blue arrow. Be careful not to mix the screws indicated with a green arroww with the one indicated with a blue arrow. The one indicated with a blue arrow is shorter and must be replaced on the same spot when re-assembling.
- Put all of these screws in a safe space.
- Slide the right Y-axis belt cover off and put it away together with the screws.

Step 4

- Remove the 4 button head M4 screws on the right of the X-300 (indicated with green arrows in the image on the right).
- Remove the 3 button headM 4 screws on the left of the X-300 (indicated with green arrows in the image on the right).

Step 5

- Remove the 3 M4 buttonhead screws at the rear of the machine, indicated by a green arrow in the image on the right.
- Remove the 4 M5 buttonhead screws at the front of the large electronics cover (see image below right).
- The large electronics cover is now free, but in order to be able to remove it, two little screws have to be removed, which fix the end of the e-chain to the frame. First gently cut loose the 2 straps which fix the cables to thee-chain. (see images below).

Step 6

- Gently lift the cover up by the 2 lips, one on the left of the cover and one on the right (see image on the right).
- Sometimes it is a bit difficult to lift up the right back end of the cover. Slide a finger at the right under the cover and move towards the rear, then pull it up.
- Gently shift the cover to the left under the e-chain as shown in the image on the left.

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