Install the Motor Box Correctly

In this guide, we will explain the steps you need to take to repair your motorbox.

https://www.youtube-nocookie.com/embed/pXuB7ysYjYA?si=sI6TadqCGcoe11pM

Mounting Details



The position of the connectors on the 2021 sector controls has been changed for the sake of ongoing optimisation.

However, motor boxes of the 2021 generation are still compatible with the sector controls from the previous year.

Only the cable connection appears unnecessarily long due to this change and requires fixing as shown in the following picture.

Please ensure that the cable is laid without kinks in a loose "S" Shape and fix it with the cable ties supplied at the point shown in the photo to prevent the plug connection from becoming entangled.

> **Nullpunkt**
> If a zero point has been set for this sector control, this may not yet be known to the new

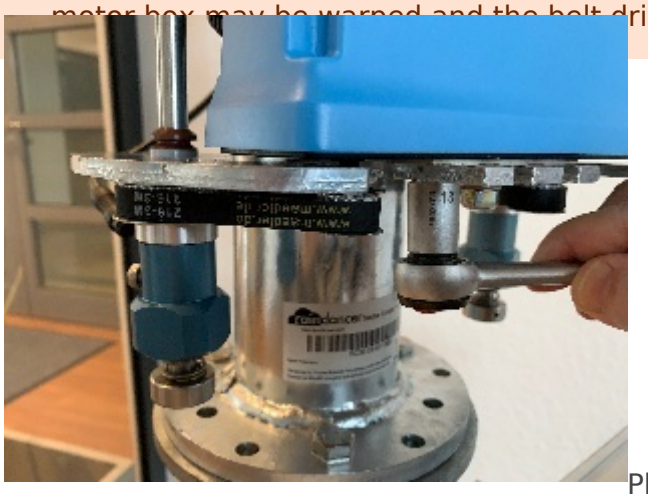
> motor box. If the sector control is switched on and the Raindancer module is connected and loaded, the software will automatically attempt to assign this value to the new box. Nevertheless, we ask you to check the correct alignment of the sector control before using it for the first time.

Guide

1. 

   Insert the new box into the designated cut-outs. The cables must point towards the tube and be routed between the tube and the drive shaft.
2. Make sure to mount the spacer plate on the motor box above the mounting plate of the sector control. This plate ensures the correct distance to the mounting plate.

   > If you have not placed the spacer plate between the motor box and the frame, the motor box may be warped and the belt drive may not be able to work properly.

3. 

   Place the belts over the belt pulleys of the shaft and the motor.
4. Tension the belt with one hand by pushing the motor box forwards and tightening the nuts under tension. The belts should be tight, but not so tight that they can no longer be squeezed in and must not be allowed to skip.
5. Fit the belt caps over the belts and belt pulleys.
6. Connect the short cable to the stop sensor and (for sector controls from 2020) lay it in a loose S on the riser tube and secure it with the cable ties provided.

7. **Caution:** Do not forget to put the cover cap on the upper extension socket.
8. Switch on the motor box at the on/off switch and check that both stops are moving. After a short time, the stops should stop and return to their original position.

> Please do not forget to engage the couplings on the bottom side.

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