# Sliding plates replacement

This instruction will guide you on how to replace the sliding plates.

Sliding plates are a wear part that needs to be replaced when symptoms occur. For how long one pair of sliding plates last is all individual for each EVO Cleaner. It all depends on how heavy effected the telescope is in each program and how often the robot washes.

For more detailed information regarding the sliding plates, go to exploded view: Wide sliding plate and Narrow sliding plate.

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<font 16px/inherit;;black;;inherit>**Necessary e**</font>**<font inherit/inherit;;black;;inherit>quipments</font> :** One PH3 screwdriver and one smaller screwdriver.

<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**1.** Start the robot.</font>

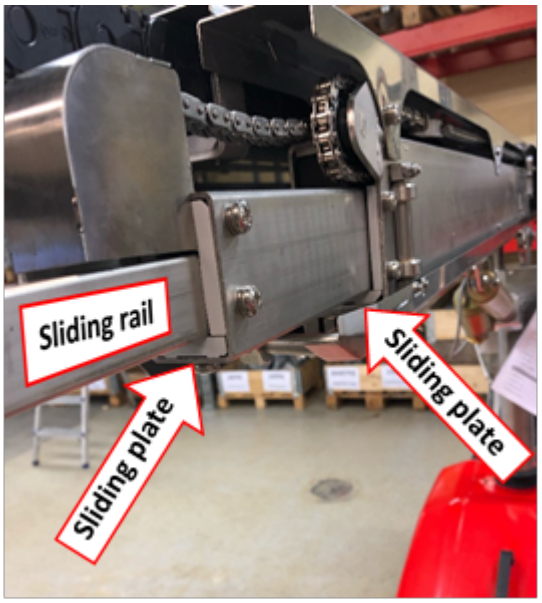
- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**a.** Place the boom horizontally.</font>
- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**b.** Run the telescope out about 40 centimetres.</font>
- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**c.** Then the arm out to about 90° or more, so it isn't in the way for you.</font>

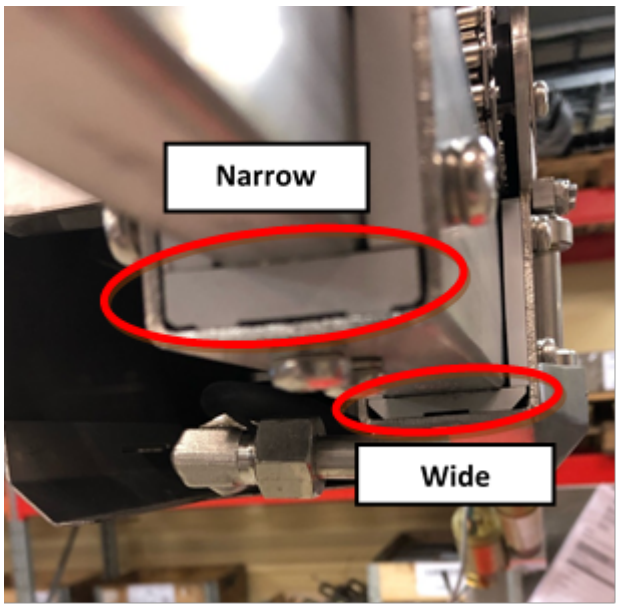
<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**2.** Take off the left side cover of the boom.</font>

- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**a.** Press the ”button/hole” that’s located at the rear part of the boom to unlock.</font>
- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**b.** While the ”button/hole” is held down, push the cover forward.</font>
- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**c.** Then lift the bottom part out a bit and now lift the cover straight up to detach.</font>

<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**3.** Locate the current sliding plates.</font>

<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**4.** The outer narrower sliding plate is mounted with two screws underneath and the wider sliding plate is mounted with four screws underneath.</font>




<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**5.** Remove the screws on one sliding plate first. Make sure that you don’t lose any spring washers. If we don’t use spring washers, the screw will go through the sliding plate and hit the sliding rail directly.</font>

- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**a.** If it’s hard to get the old plates out, you could dismount the plates on the sides/above as well for more space.</font>

<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**6.** Lift the telescopes sliding rail so you release some pressure against the sliding plate as you simultaneously take the smaller screwdriver in one of the screw holes underneath and tries to push the sliding plate outwards until you can grab it. If you dismount the side plates you can also get a hook of any kind and pull the plate out from behind.</font>

- *<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**i.** The wider plate could be a bit more difficult to get out. If so, use the screwdriver from above after you pushed with it underneath and pull out the plate as much as you can. You could also bend the plate out with something pointed from the triangle formed corner holes at the front as you can see in the picture.</font>*



<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**7.** Mount the new sliding plate with wax. The track with the wax must be up against the sliding rail and outwards, towards the arm so to say.</font>

<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**8.** Mount the screws. Lift the sliding rail again, so we have as much space as possible and it even helps to match up the screw with the screw holes.</font>

- *<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>* </font><font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>The threads are plastic and can easily break. Do not screw too tight. </font>

<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**9.** Now take the other sliding plate.</font>

<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**10.** Repeat step **5. 6. 7.** and **8.**</font>

<font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**11.** Put the cover back on the boom.</font>

- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**a.** Begin at the top and make sure that all hooks are in each hole. Hold the bottom part a bit outwards.</font>
- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**b.** Push the bottom part inwards (against the boom).</font>
- <font 12pt/Arial,Helvetica,sans-serif;;inherit;;inherit>**c.** Push the cover backwards until it locks in.</font>

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