



Sterwins HC 150 bar cleaner pump replacement

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INTRODUCTION

This guide will take you through the steps of replacing your Sterwins HC 150's pump.

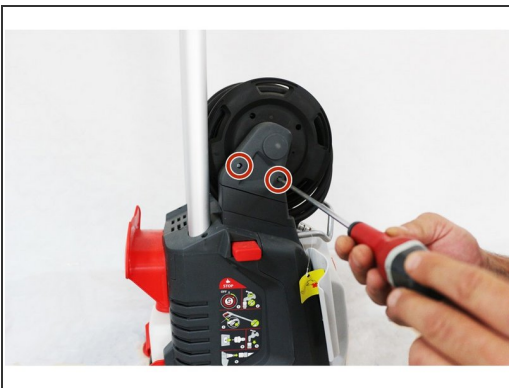
Step 1 — Removing the handle from the winder



⚠ Before any intervention on the device, make sure that the power cord is disconnected.

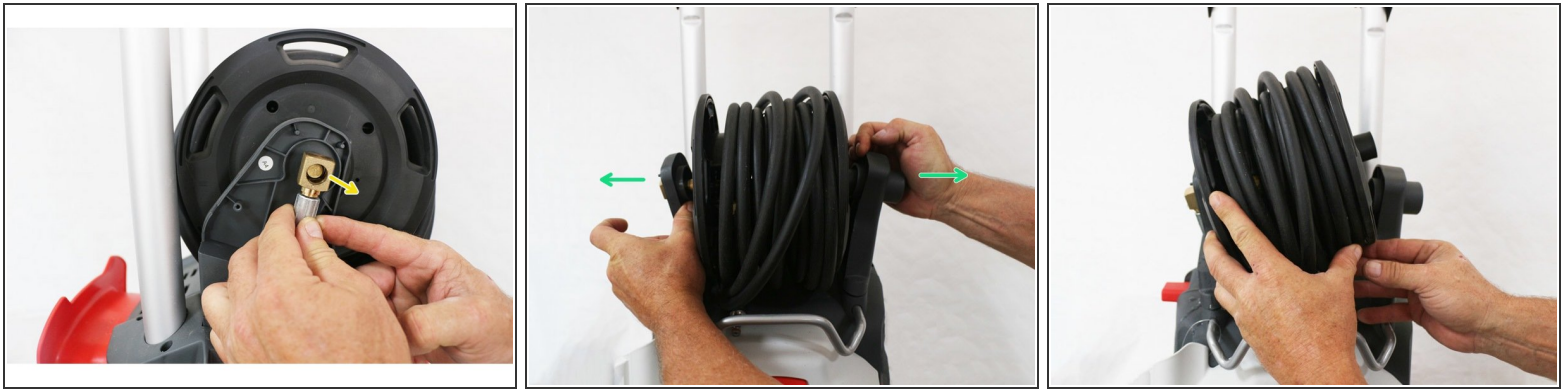
- Pull on the winder handle facing you to unclip it.

Step 2 — Winder disassembly



- Unscrew the 2 housing fixing screws.
- Remove the housing.
- Using a flathead screwdriver, remove the clips holding the high pressure outlet connector from the pump to the hose reel.

Step 3 — Extraction of the winder



- Pull the connection towards you.
- Move the 2 roller bearings outwards.
- Then remove the winder one side at a time.

Step 4 — Unplug the detergent container



- Unhook the container by pulling towards you.
- Uncouple the suction hose by pulling in the direction of the arrow.

Step 5 — Disassembly of the front



- Unscrew the 6 fixing screws indicated by the arrows.
- Tilt the product forwards to access the last 2 fixing screws located under the device marked with the arrows.
- Then lay the device flat, and unscrew the plastic nut from the water inlet pipe.

Step 6 — Uncouple the front



- Remove the faceplate upwards.
- Return the device to an upright position on its wheels.
- Unscrew the screw indicated by the arrow to separate the bearing from the winder in order to extract the pump outlet pipe.

Step 7 — Uncoupling of the winder bearing



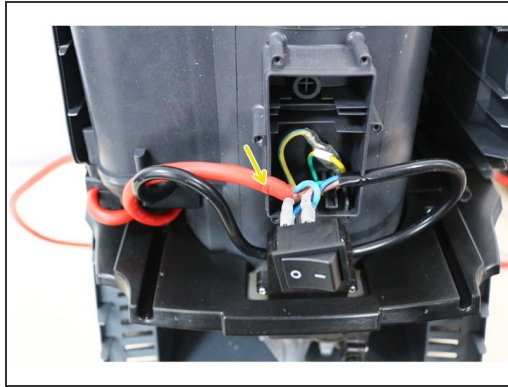
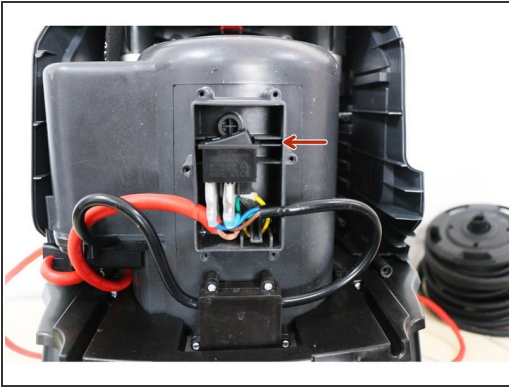
- Once the fixing screw removed, slide the bearing as indicated by the arrow.
- Then pull upwards to extract the bearing from the pipe.
- Then remove the front panel.

Step 8 — Access to the On/Off switch



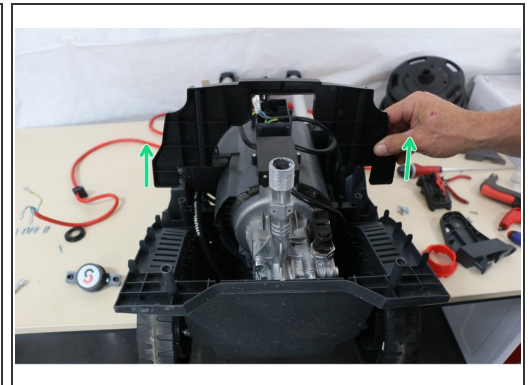
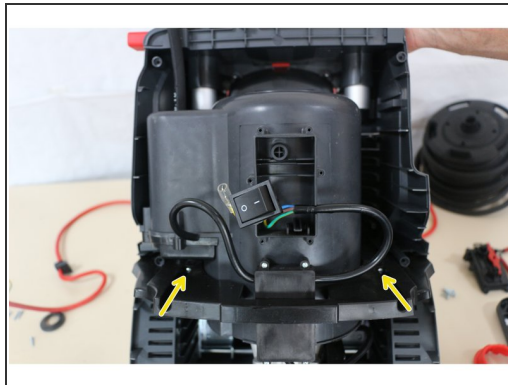
- Remove the button facing you.
- Unscrew the 2 screws as indicated in order to separate the support.
- Then unscrew the 6 screws and remove the hatch to access the electrical connection.

Step 9 — Electrical disconnection



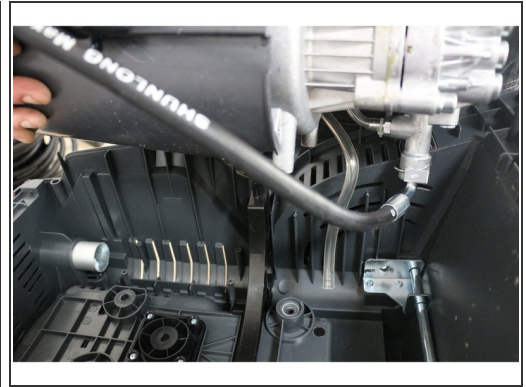
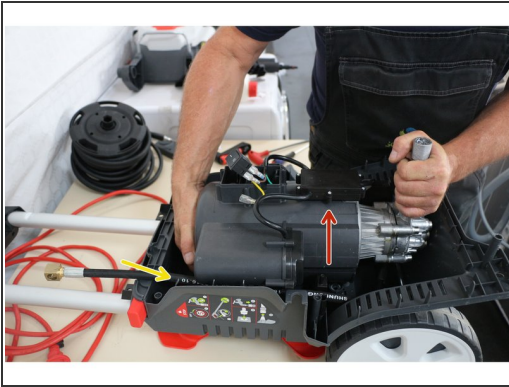
- Remove the switch from its housing.
- Uncouple the red power cable from the On/Off switch.

Step 10 — Uncoupling the pump



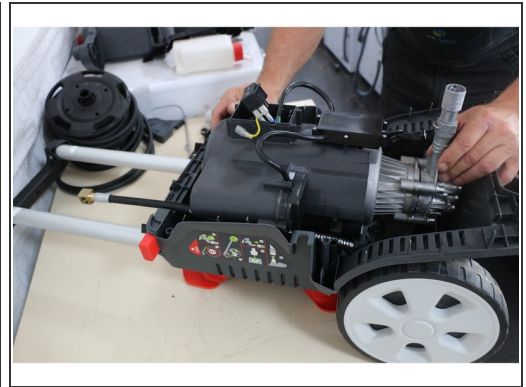
- Unscrew the 3 fixing screws of the pump using the allen key.
- Turn the device over, unscrew the 2 screws of the pump retaining hoop.
- Then pull it up.

Step 11 — Extraction of the pump



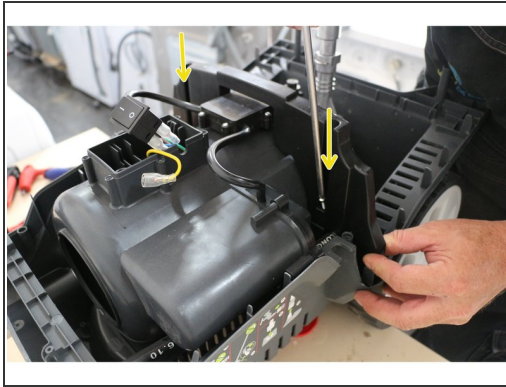
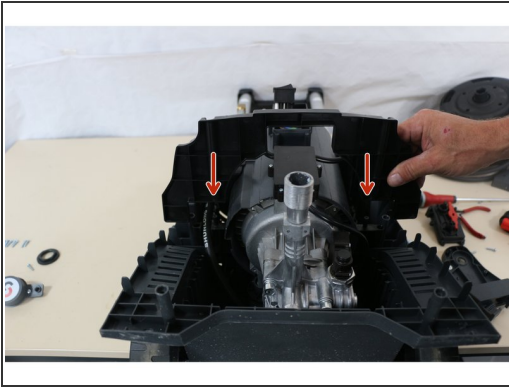
- Lift the pump upwards.
- Be careful to note the passage of the high pressure pipe, indicated by the yellow arrow.
- Be careful to note the passage of the detergent pipe, indicated in green by the arrow and the circle.

Step 12 — Pump replacement



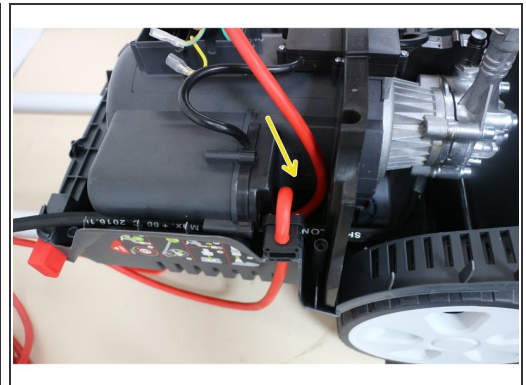
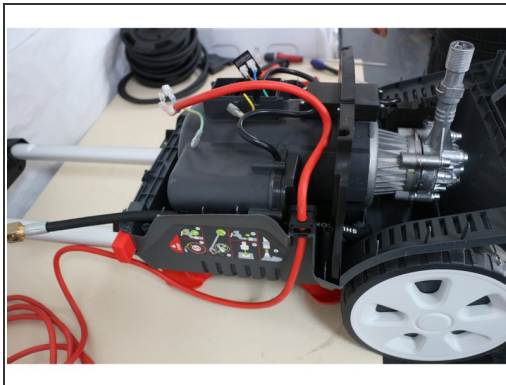
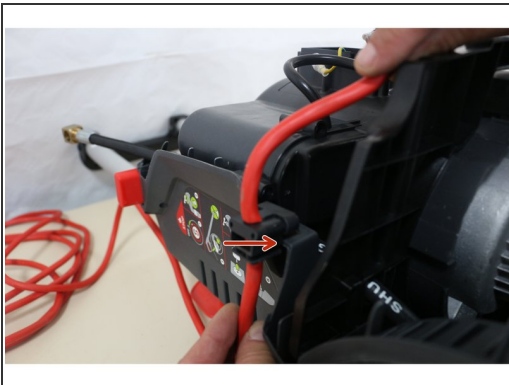
- Fit the suction pipe of the detergent container.
- Install the pump outlet pipe.

Step 13 — Attach the pump motor



- Install the pump motor retaining arch.
- Tighten the 2 arch fixing screws.
- Turn the device over on the front face in order to reattach the 3 pump motor retaining screws.

Step 14 — Positioning of the electrical cable



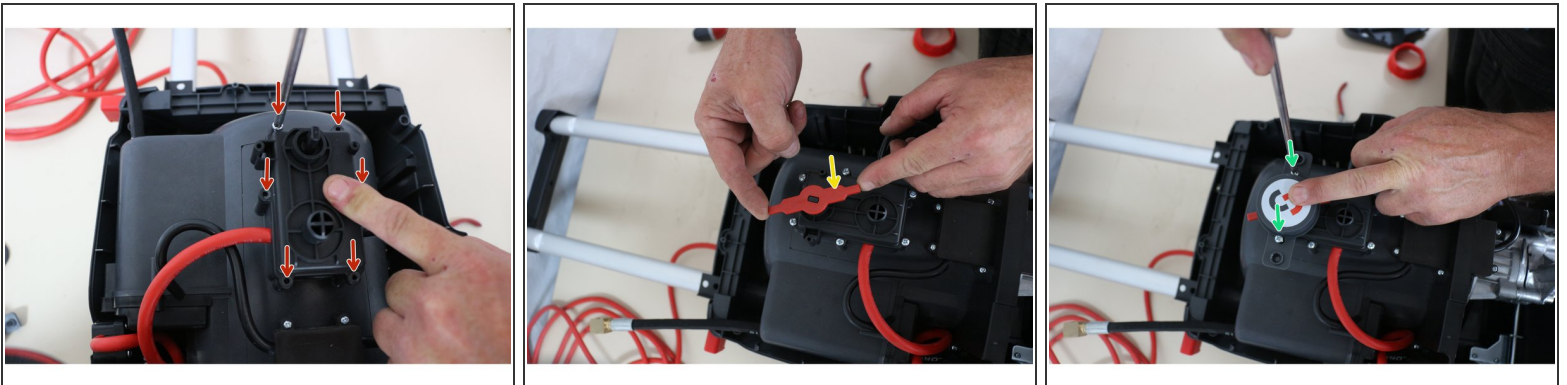
- Position the cable block on the housing as indicated by the red arrow.
- Position the excess cable as indicated by the yellow arrow

Step 15 — Connect the ON/OFF switch



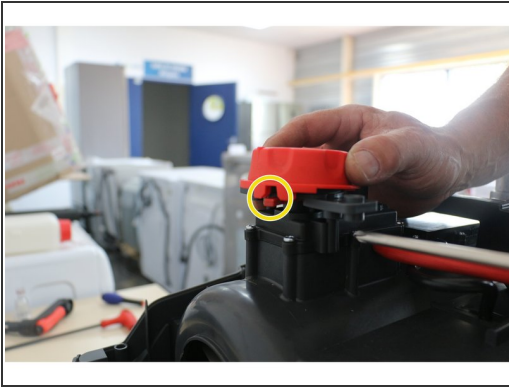
- Connect the power cord (red) to the On/Off switch, taking care to match brown with brown (phase) and blue with blue (neutral).
- Be careful not to forget to connect the grounding cable (yellow/green) as indicated by the yellow arrows.
- Reposition the switch in its housing indicated by the orange arrows, as well as the cables indicated by the green arrows.

Step 16 — Reassembly of the control plate



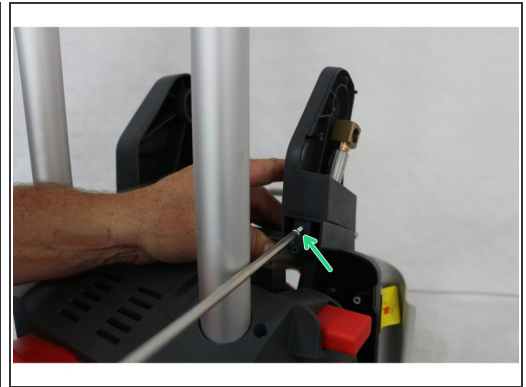
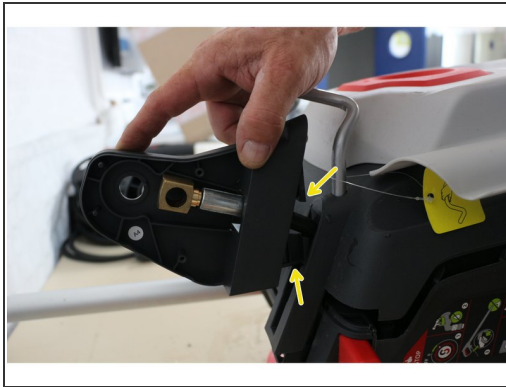
- Position the plate and tighten its 6 fixing screws.
- Put the control lever back in place.
- Insert the 2 fixing screws of the button support.

Step 17 — Install the front panel



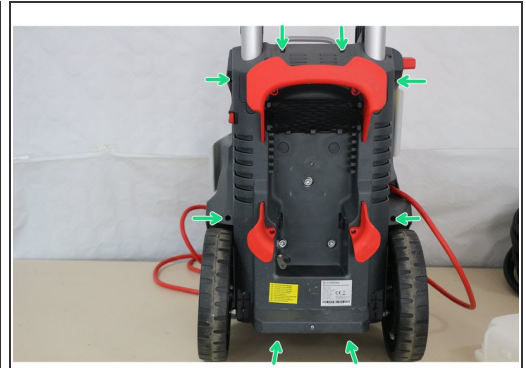
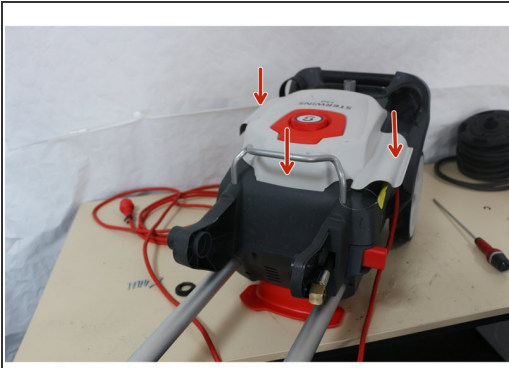
- Be careful before fitting the front panel, do not forget the control button by positioning its notch with the control lever (as shown in the photo).
- Insert the hose into the channel of the bearing support of the reel.

Step 18 — Fasten the reel bearing



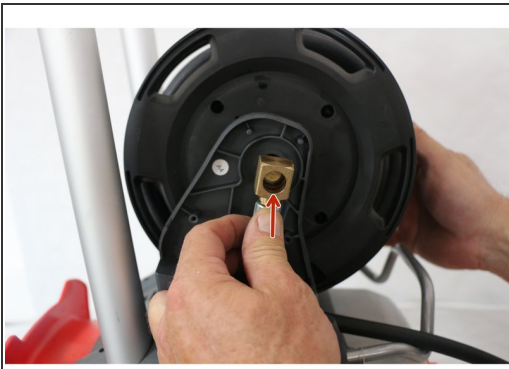
- Insert the pipe into the bearing.
- Insert the slide of the support into that of the front.
- Put the fixing screw back in place.

Step 19 — Attach the front



- Reposition the front panel, aligning the notches correctly.
- Screw the plastic nut of the water inlet pipe back on.
- Tighten the 8 front fixing screws.

Step 20 — Put the winder back in place



- Connect the hose to the winder.
- Install the locking clips.
- Tighten the 2 casing fixing screws

Step 21 — Replace the detergent container and handle



- Connect the suction hose to the detergent container.
- Replace the container.
- Insert the handle into the winder until it snaps into place.

Step 22 — Necessary tools



- 1 clamp
- 1 flat screwdriver
- 1 Phillips screwdriver
- 1 allen key size 6

By the end of the guide your pump should be replaced and fully functional.