

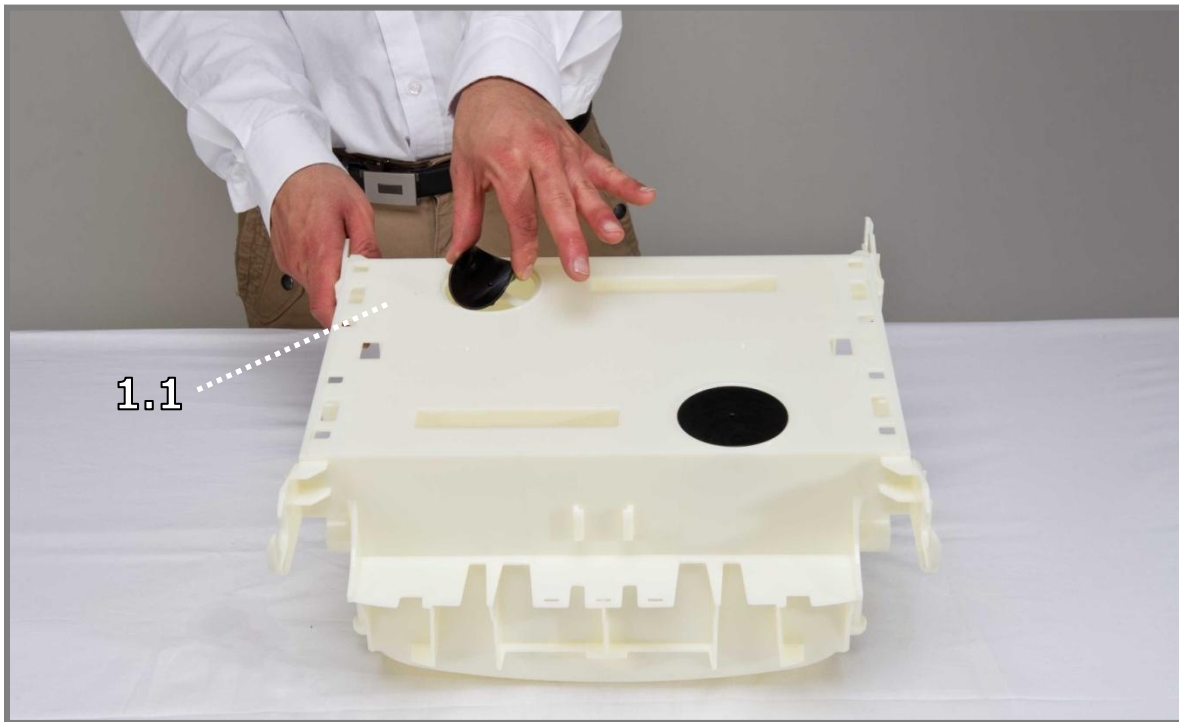
Basic 8 Assembly Instructions

Table of Contents

1. Assembling the Diaphragms	2
2. Assembling the Motor Unit	2
3. Assembling the Driving system and side cover	3
4. Assembling the Driving system and side cover on the drive motor side	6
5. Assembling the Floating Cable	8
6. Positioning the Floats on the Motor Unit	10
7. Positioning the Impeller Cover	11
8. Assembling the Outer Casing	12
9. Placing the Filters	13
10. Positioning the Cable Float	13
11. Assembling the Brushes	14

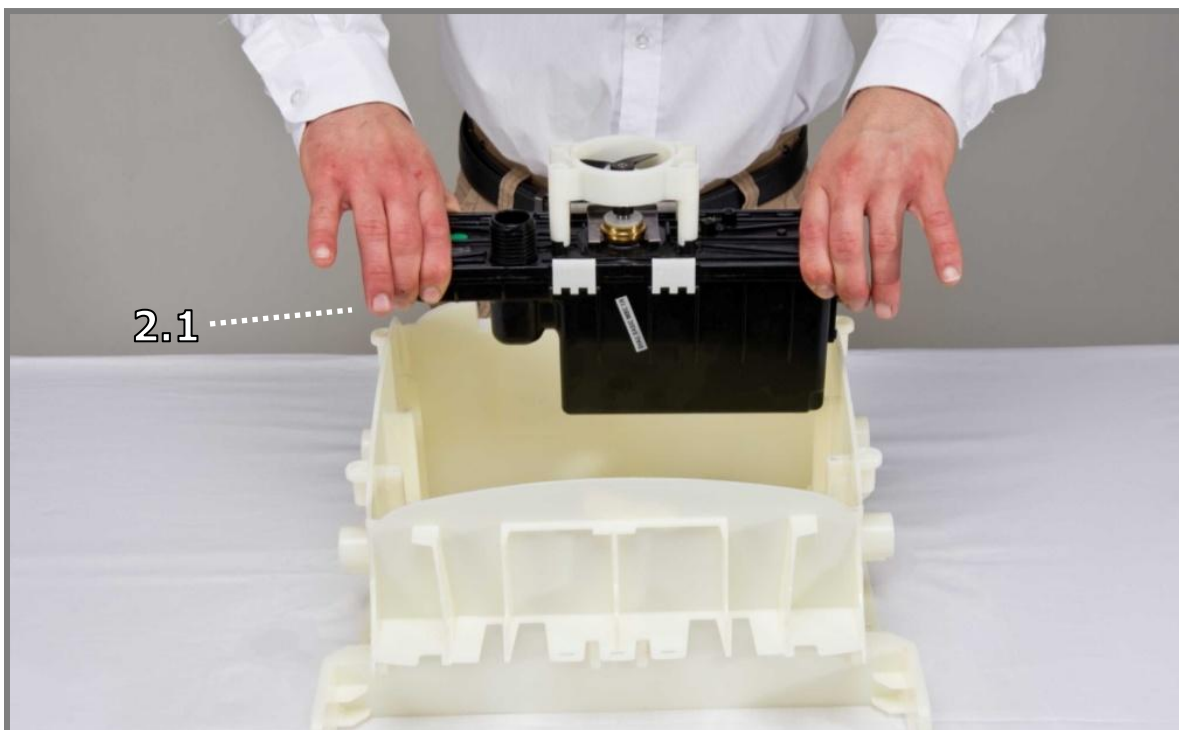
Basic 8 Assembly Instructions

1. Assembling the Diaphragms



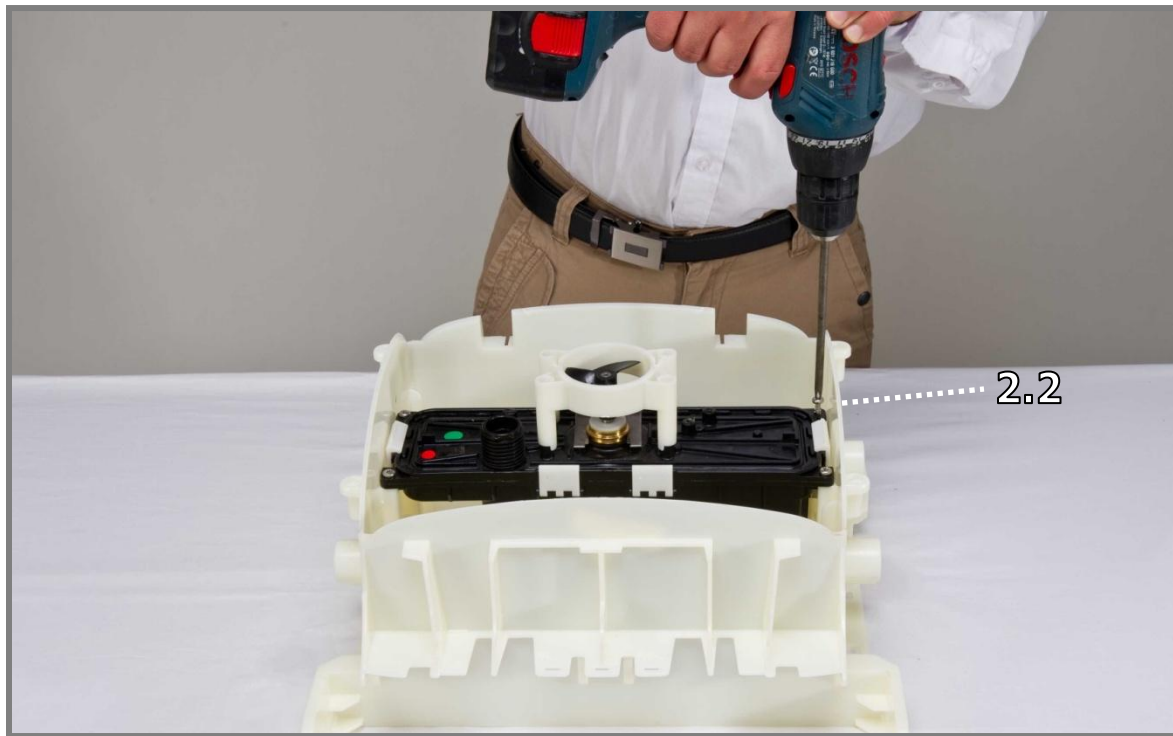
Step 1.1
Insert two diaphragms.

2. Assembling the Motor Unit



Step 2.1
There is only one way to place the motor unit in the frame.

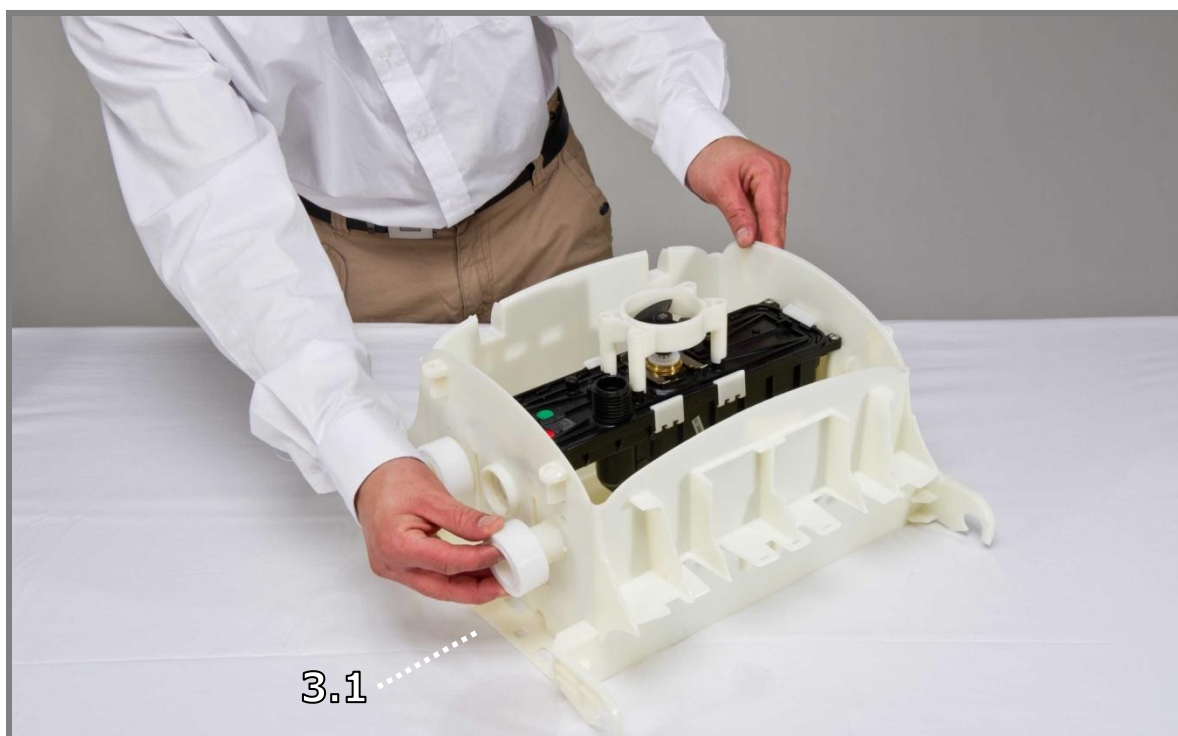
Basic 8 Assembly Instructions



Step 2.2

Secure the motor unit to the frame with 4X KA50X20 screws.

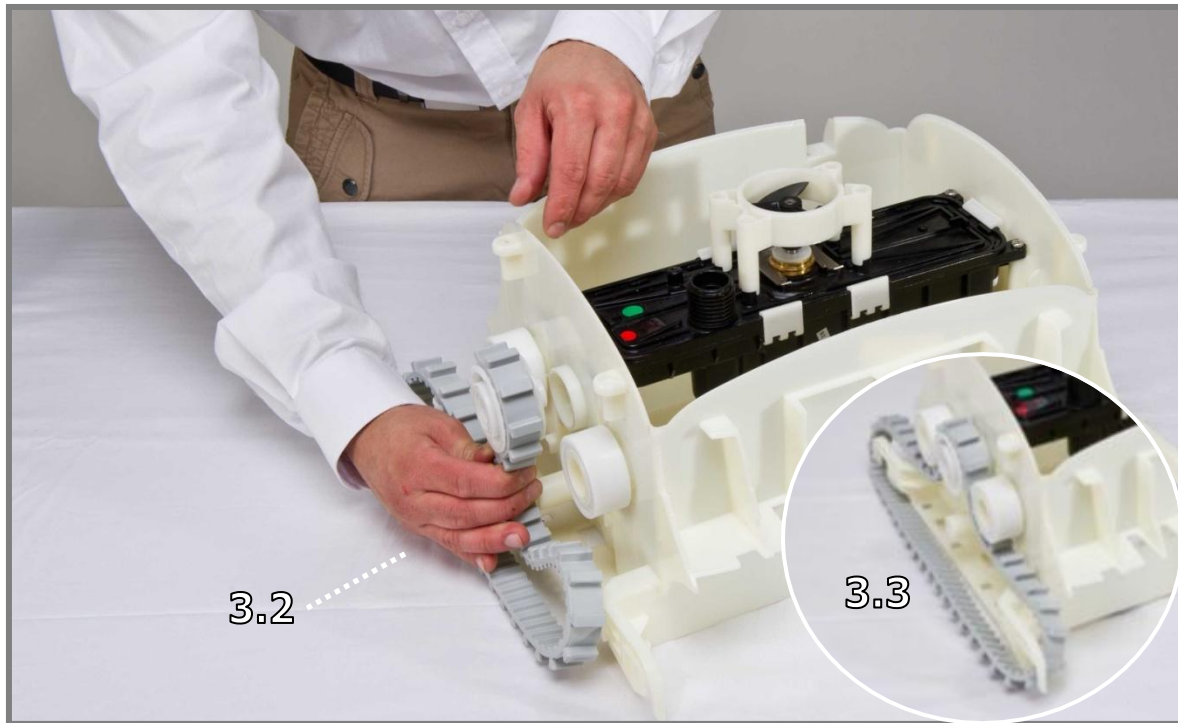
3. Assembling the Driving system and side cover



Step 3.1

Place 2 guide wheels on the opposite side of the drive motor shaft.

Basic 8 Assembly Instructions

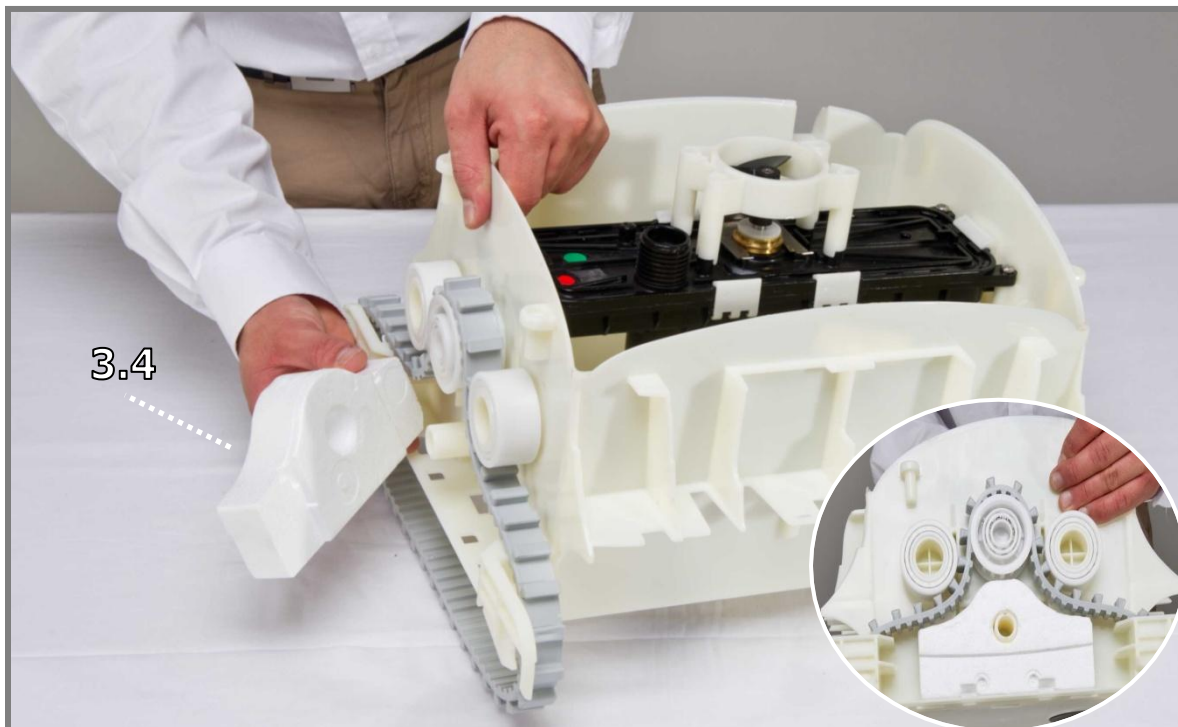


Step 3.2

Place the track on the Pulley and put it in its place

Step 3.3

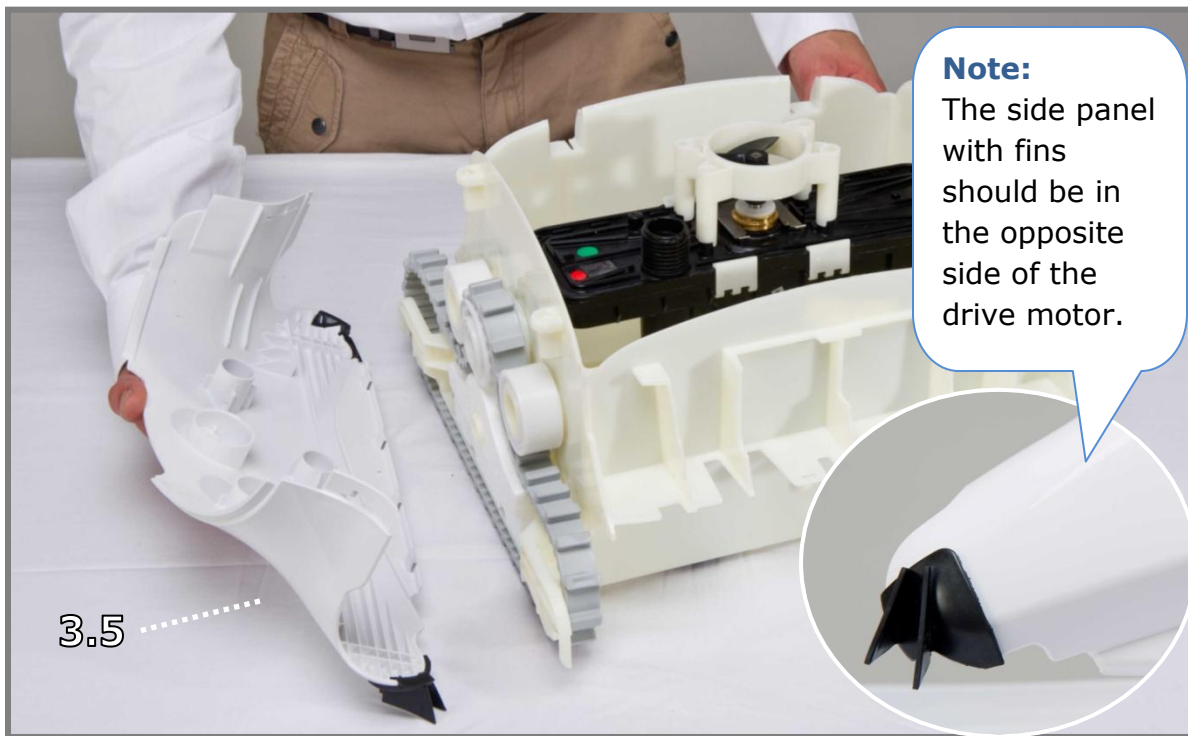
Place the track in its place as shown.



Step 3.4

Place the side float.

Basic 8 Assembly Instructions



Step 3.5

Put the side panel with fins into place

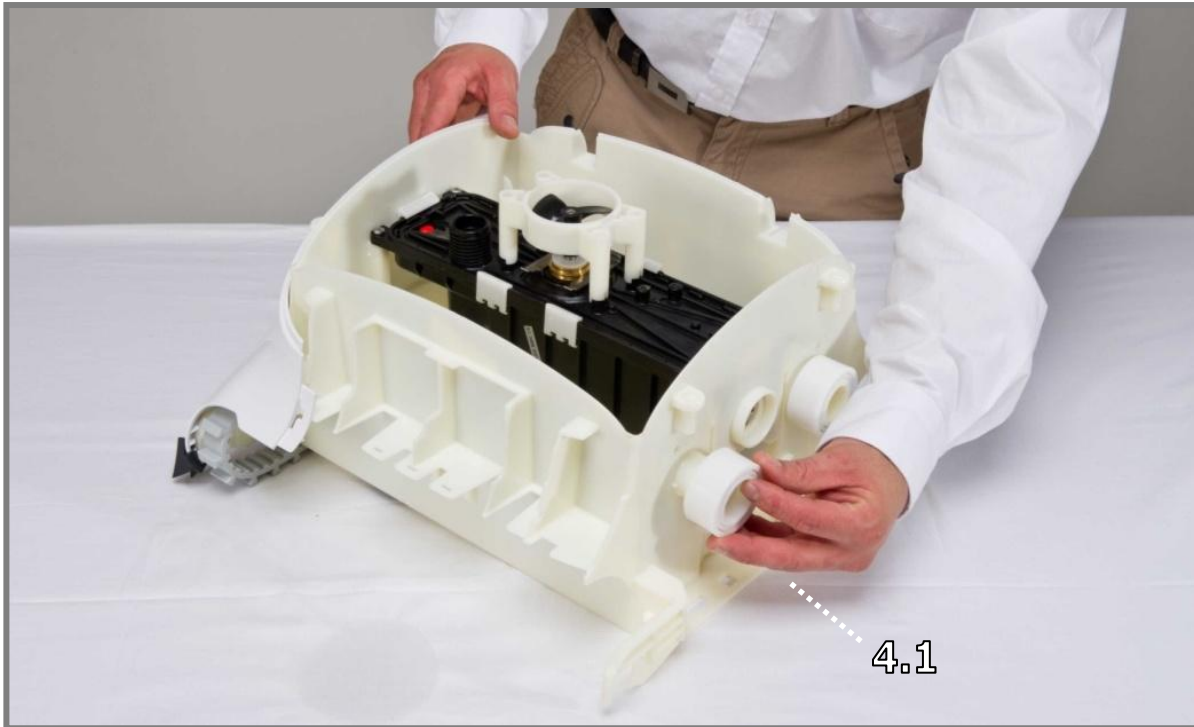


Step 3.6

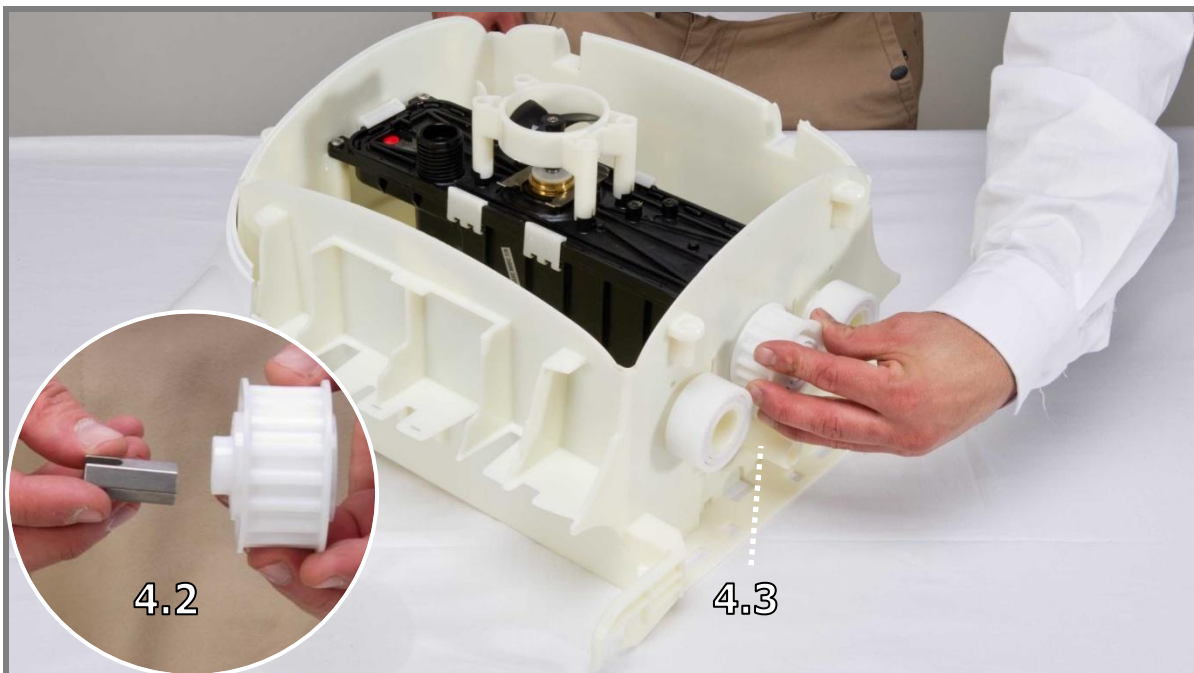
Press on the bottom of the side panel to fit the clips into their places.

Basic 8 Assembly Instructions

4. Assembling the Driving system and side cover on the drive motor side



Step 4.1
Place 2 guide wheels on the drive motor side.



Step 4.2
Put the hexagon adaptor into the pulley.

Step 4.3
Put the Pulley in its place

Basic 8 Assembly Instructions



Step 4.4
Place the side float.

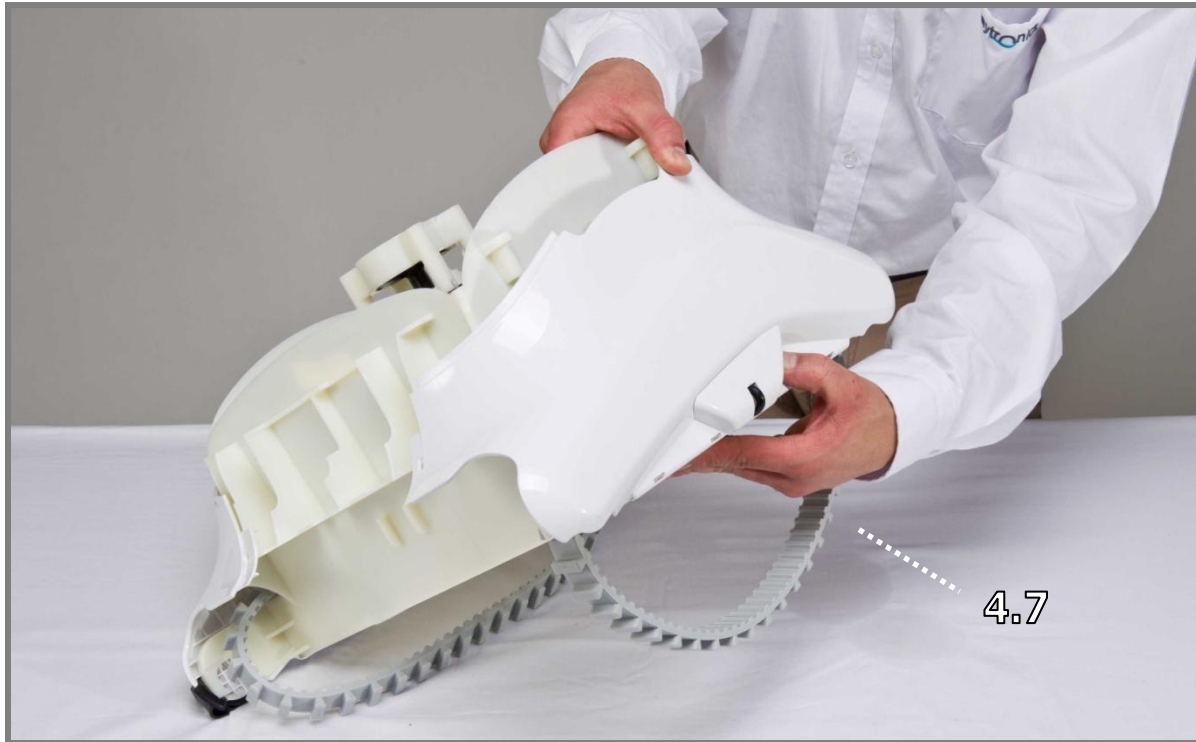
Step 4.5
Place the track as shown.



Note:
The side panel with wheel should be in the drive motor side.

Step 4.6
Put the side panel with wheel into place.

Basic 8 Assembly Instructions



Step 4.7

Press on the bottom of the side panel to fit the clips into their places.

5. Assembling the Floating Cable



Note:

There is only one way for the connector to connect to the motor unit terminal.

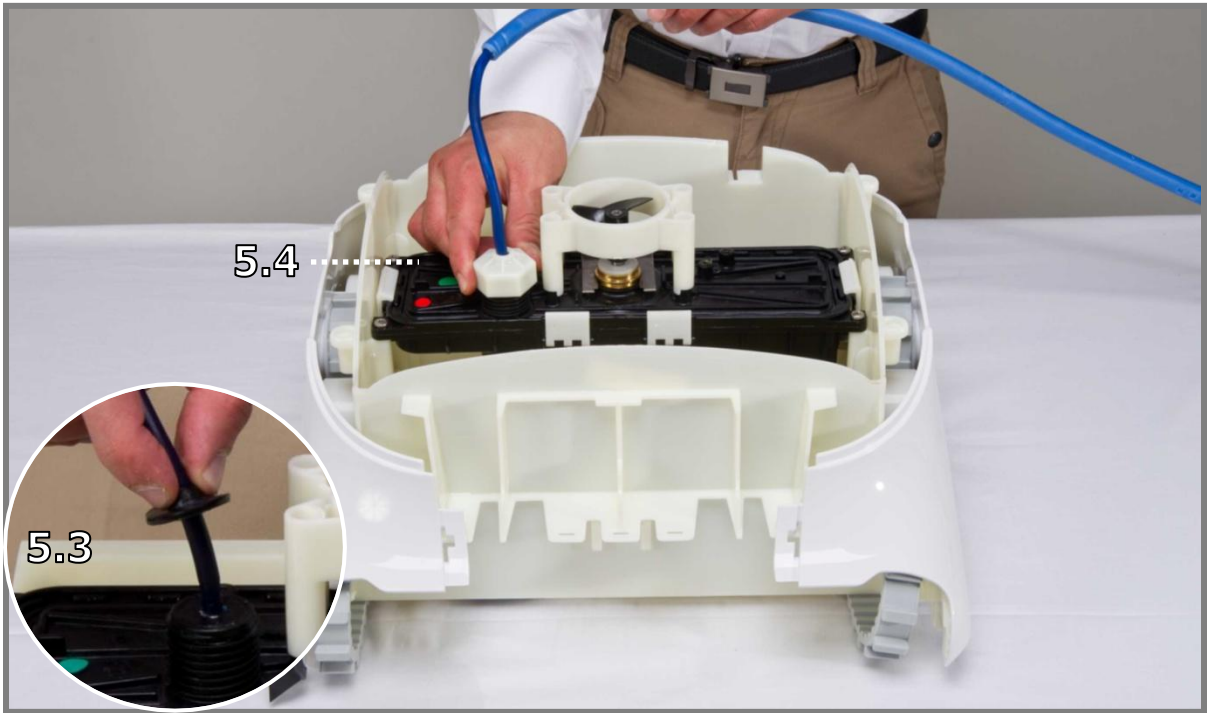
Step 5.1

Insert the floating cable to the motor unit.

Step 5.2

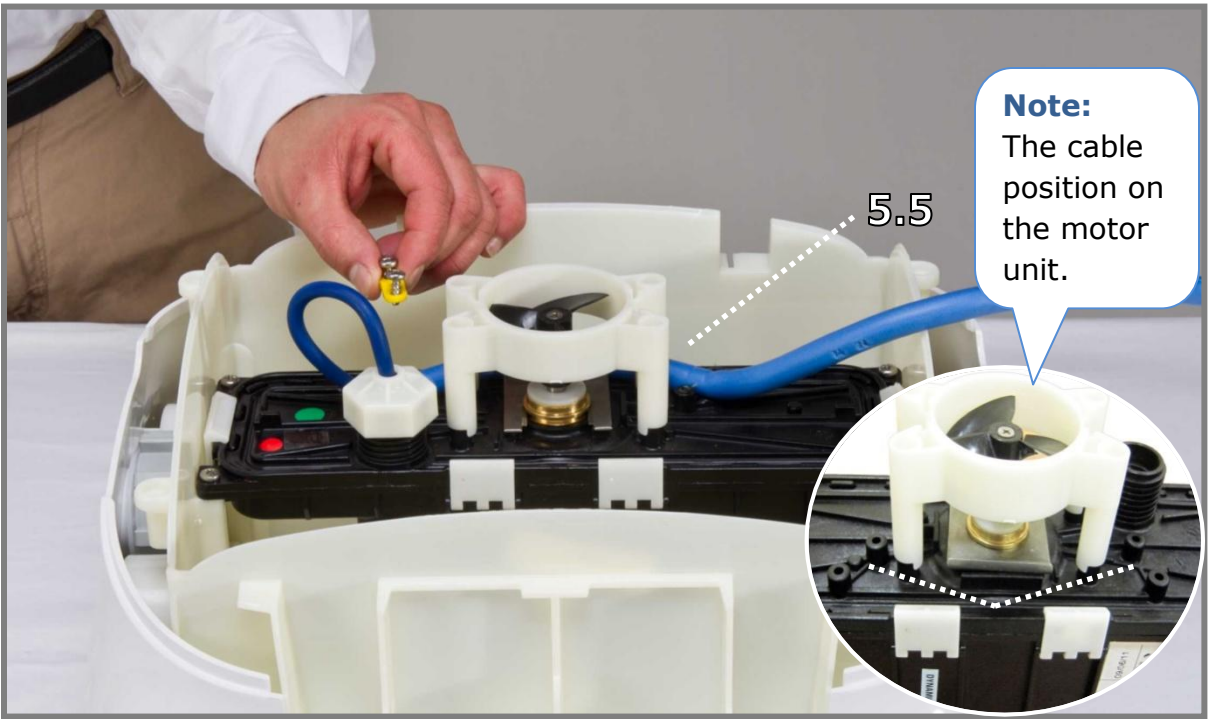
Connect the cable's retrofit to the motor unit (mind the slope shape) and press it firmly.

Basic 8 Assembly Instructions



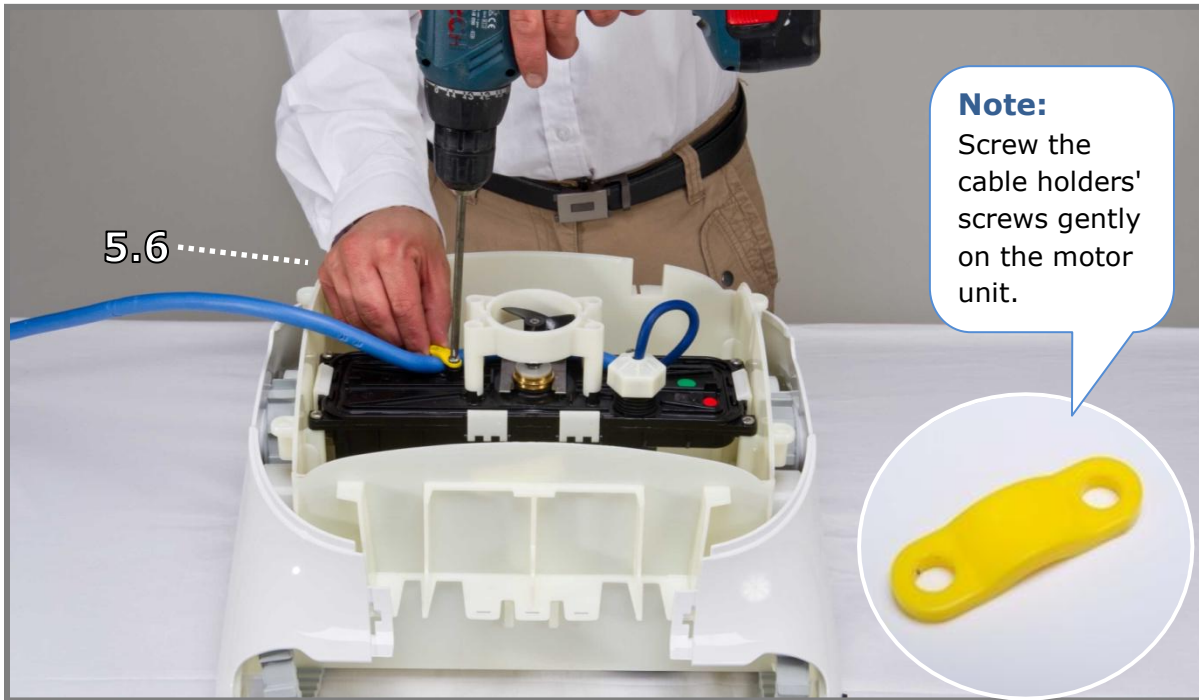
Step 5.3
Press the seal firmly to the terminal.

Step 5.4
Tighten the nut properly by hand.



Step 5.5
Position the cable on the motor unit.

Basic 8 Assembly Instructions



Step 5.6
Secure the cable holders with 4X KA50X12 screws.

6. Positioning the Floats on the Motor Unit



Step 6.1
Place the two floats on the motor unit.

Basic 8 Assembly Instructions

7. Positioning the Impeller Cover



Step 7.1

Place the cable support in its place on the outer casing before closing the impeller cover.

Step 7.2

Position the impeller cover diagonally on the outer cover.



Step 7.3

Secure the impeller using the impeller locker.

Basic 8 Assembly Instructions

8. Assembling the Outer Casing



Step 8.1

Place the outer casing on the frame.

Step 8.2

Secure the outer casing to the frame with 4X KA50X20 screws.

Basic 8 Assembly Instructions

9. Placing the Filters



Step 9.1
Place the Filter in its position on both sides of the robot.

10. Positioning the Cable Float



Step 10.1
Position the cable float 17 centimeters from the casing.

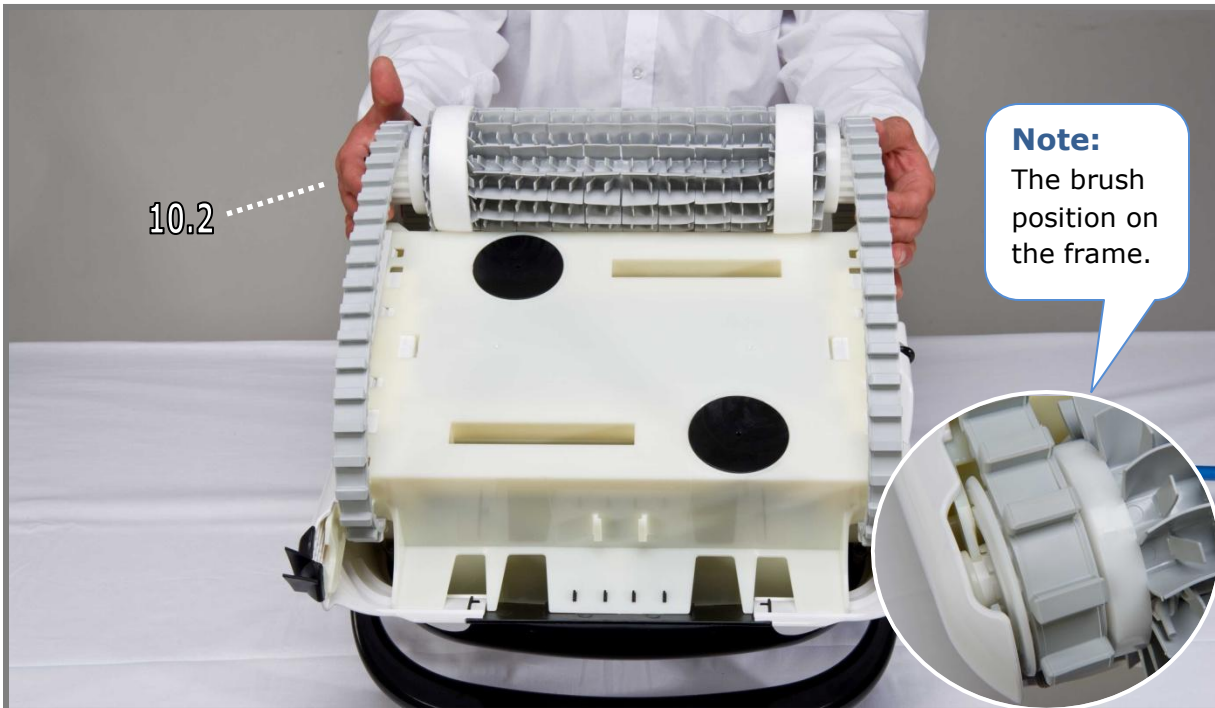
Basic 8 Assembly Instructions



Step 10.2

Squeeze the float with your hands to fit the clips into their places.

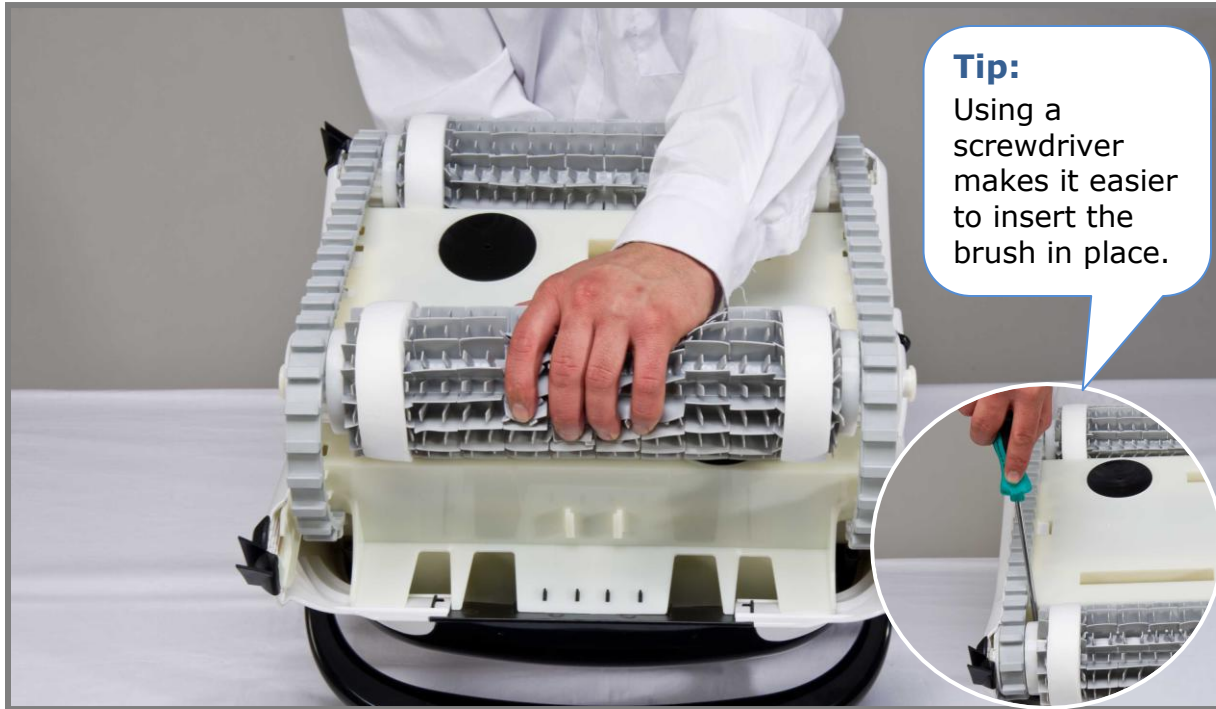
11. Assembling the Brushes



Step 11.1

Place one brush in place.

Basic 8 Assembly Instructions



Tip:
Using a
screwdriver
makes it easier
to insert the
brush in place.

Step 11.2
Place the second
brush in its place
by pushing it
strongly away
from you.



Basic 8 Disassembly Instructions

Table of Contents

1. Dismantling the Outer Casing.....	2
2. Dismantling the Cable	4
3. Dismantling the Motor Unit	5
4. Dismantling the Side Panels	6
5. Dismantling the Driving System	6
6. Dismantling the Brushes.....	8
7. Dismantling the Diaphragms	8

Basic 8 Disassembly Instructions

1. Dismantling the Outer Casing

Tip:

Press the float strongly with both hands.



Step 1.1

Take the float off.



Step 1.2

Remove the filters.

Basic 8 Disassembly Instructions



Step 1.3

Unscrew the 4 screws holding the outer casing in place.

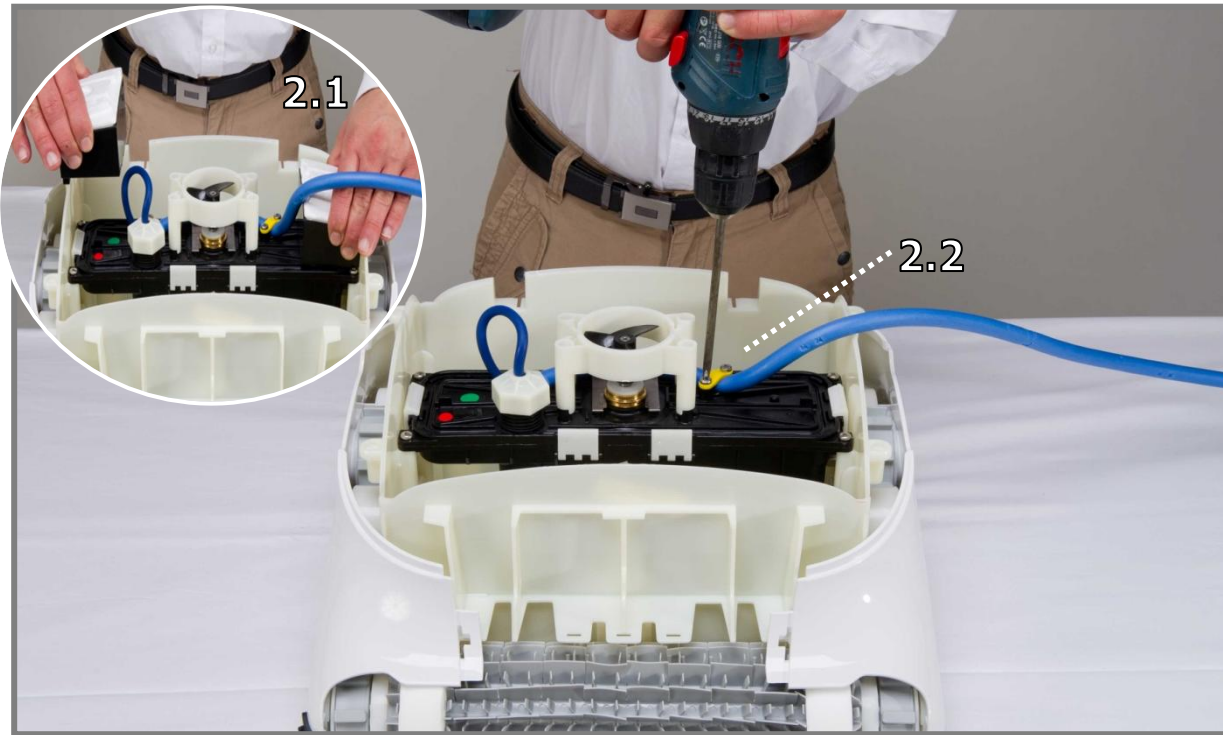


Step 1.4

Hold the outer casing on both sides and pull it up.

Basic 8 Disassembly Instructions

2. Dismantling the Cable

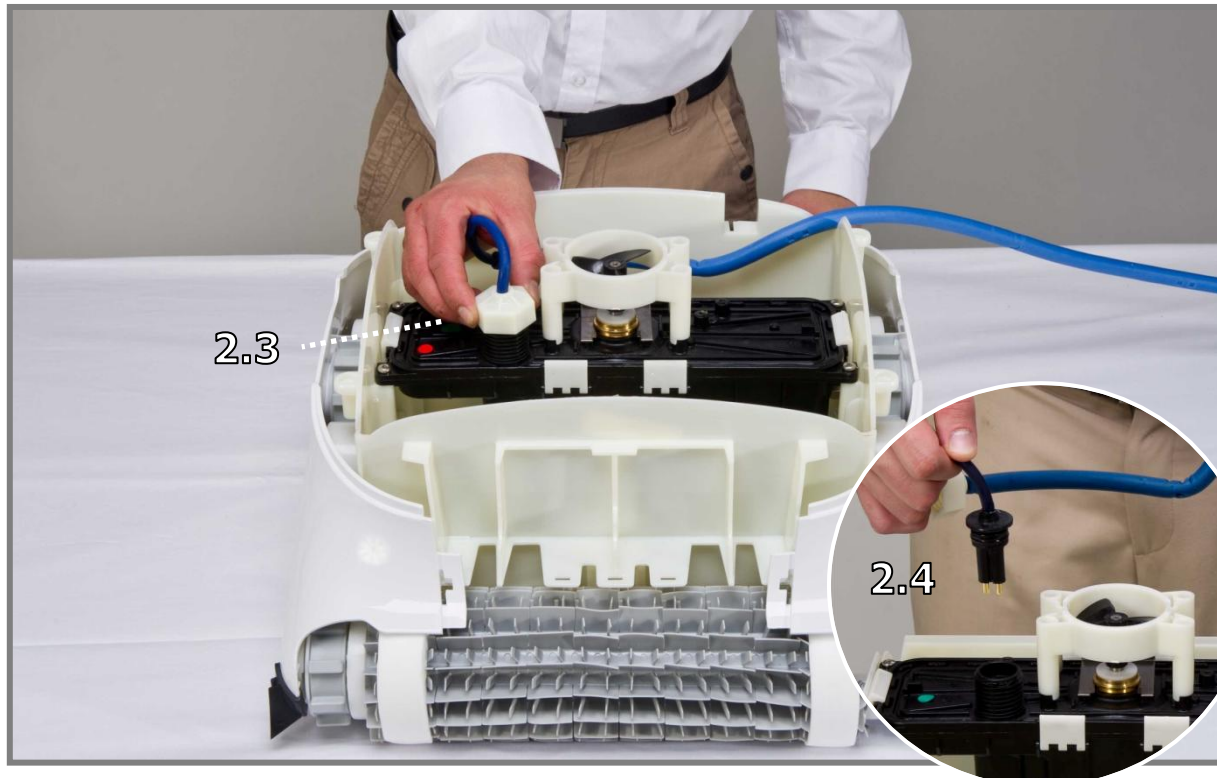


Step 2.1

Remove the two floats from the motor unit.

Step 2.2

Dismantle the 4 screws securing the cable holder.



Step 2.3

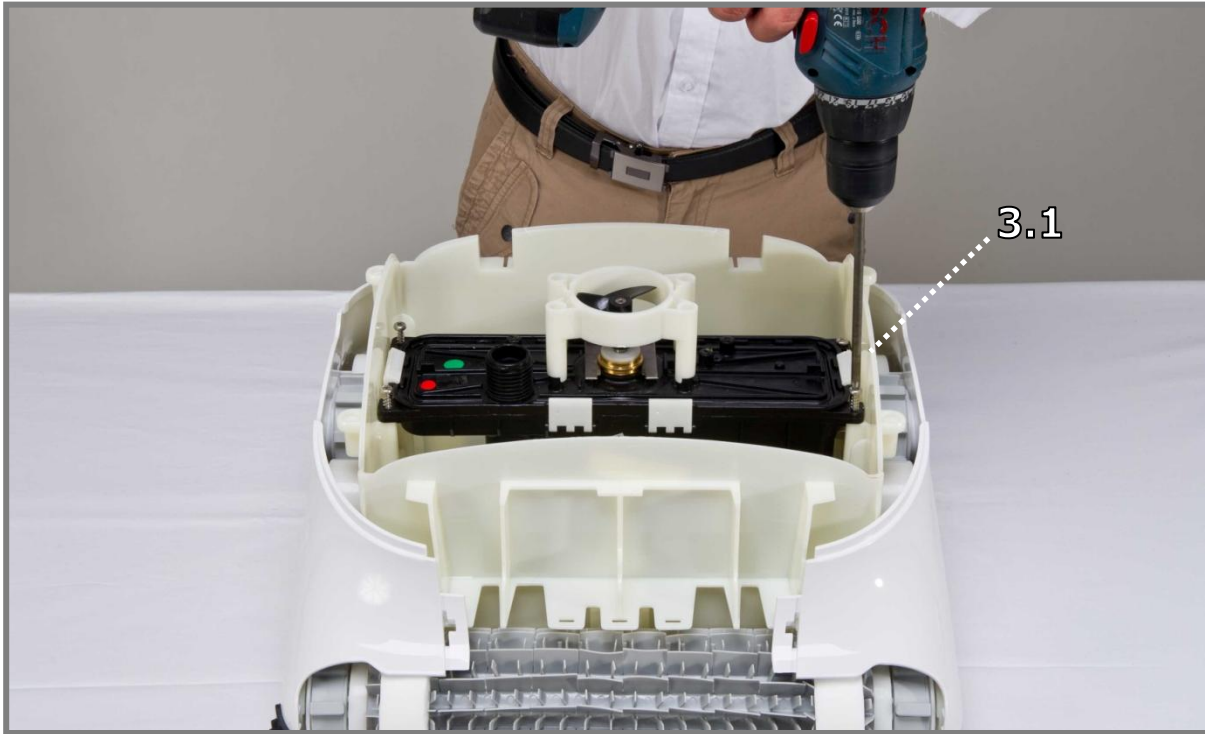
Unscrew the cable from the motor unit.

Step 2.4

Unplug the cable.

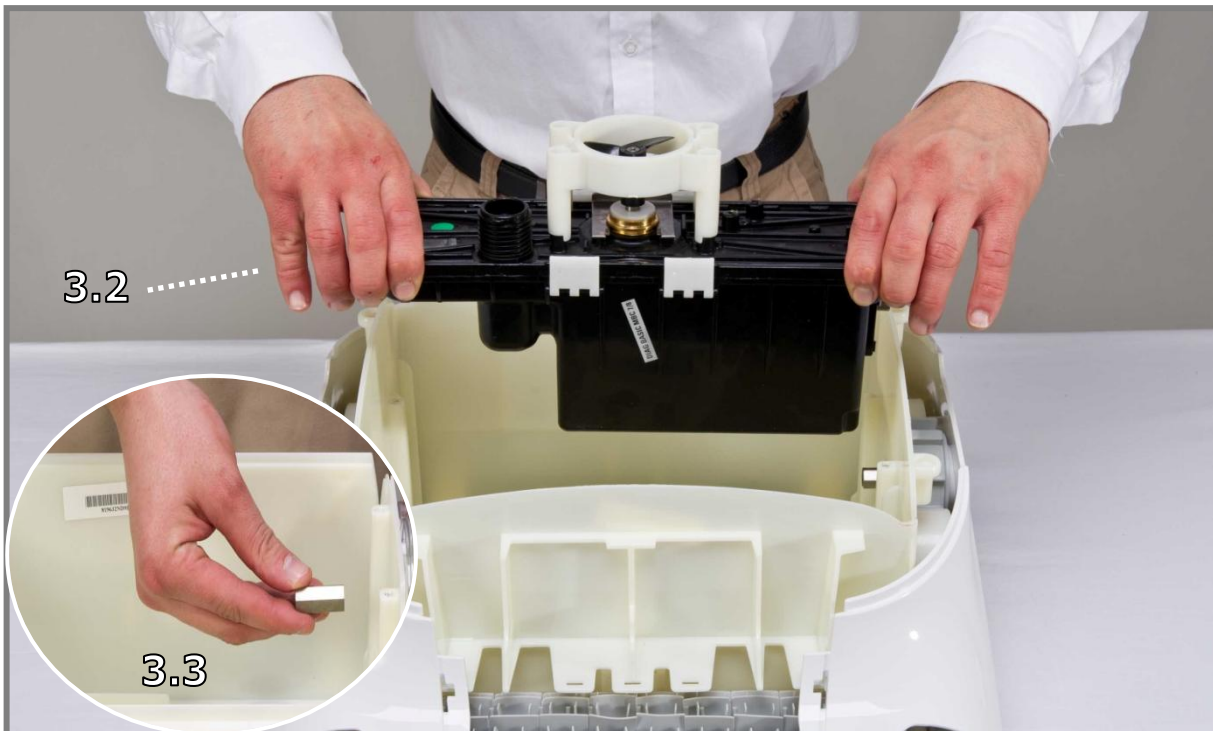
Basic 8 Disassembly Instructions

3. Dismantling the Motor Unit



Step 3.1

Unscrew the 4 screws securing the motor unit to the frame.



Step 3.2

Remove the motor unit.

Step 3.3

Remove the hexagon adapter.

Basic 8 Disassembly Instructions

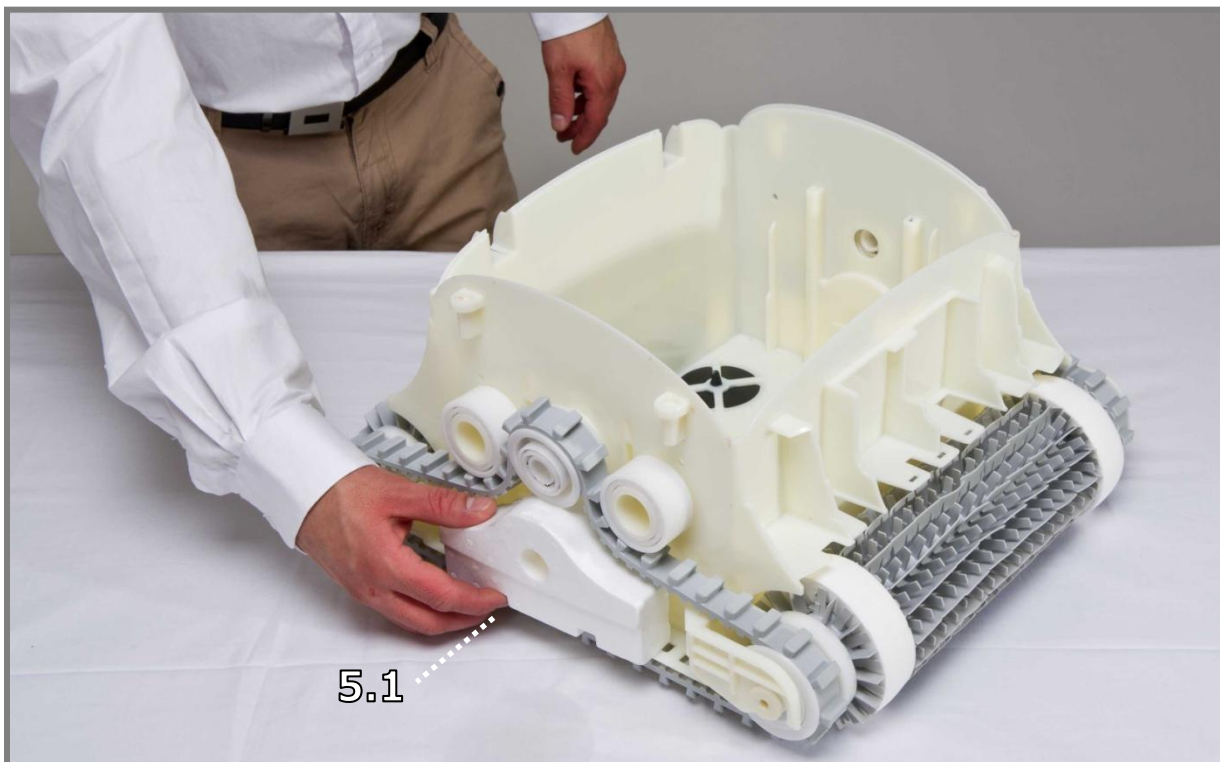
4. Dismantling the Side Panels



Step 4.1

Pull the side panels from both sides of the robot.

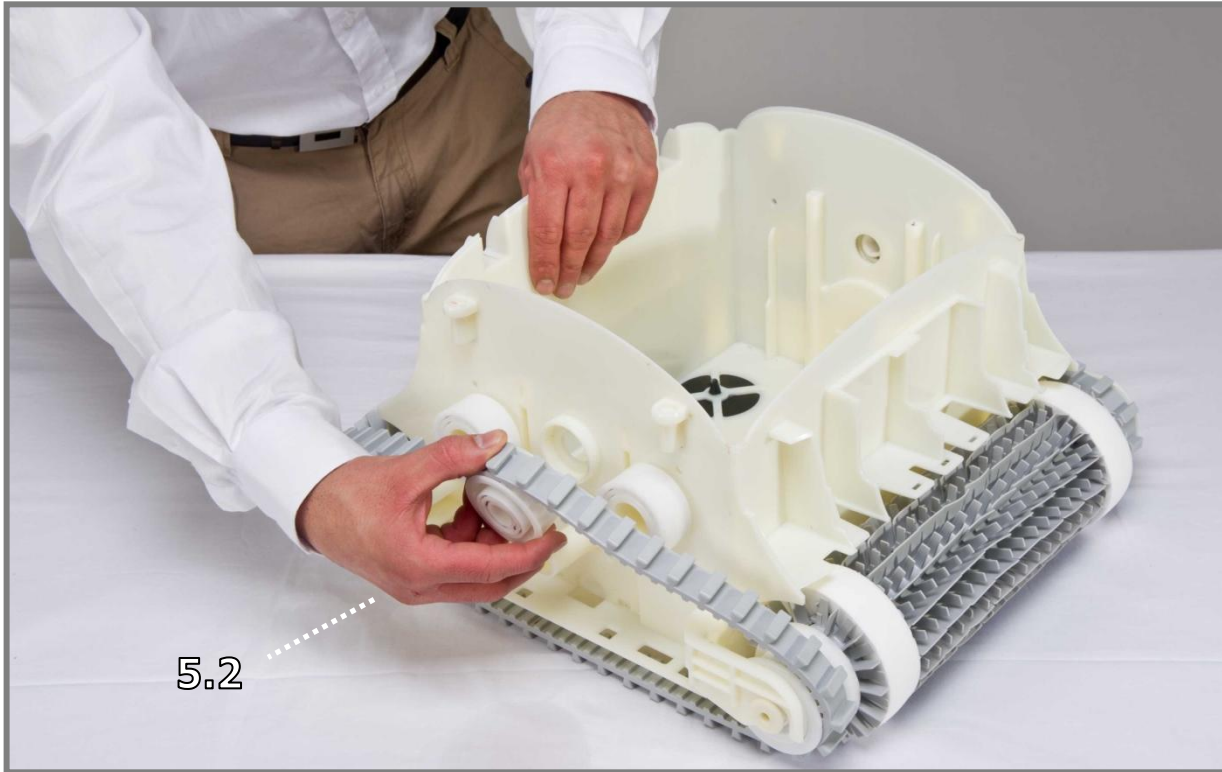
5. Dismantling the Driving System



Step 5.1

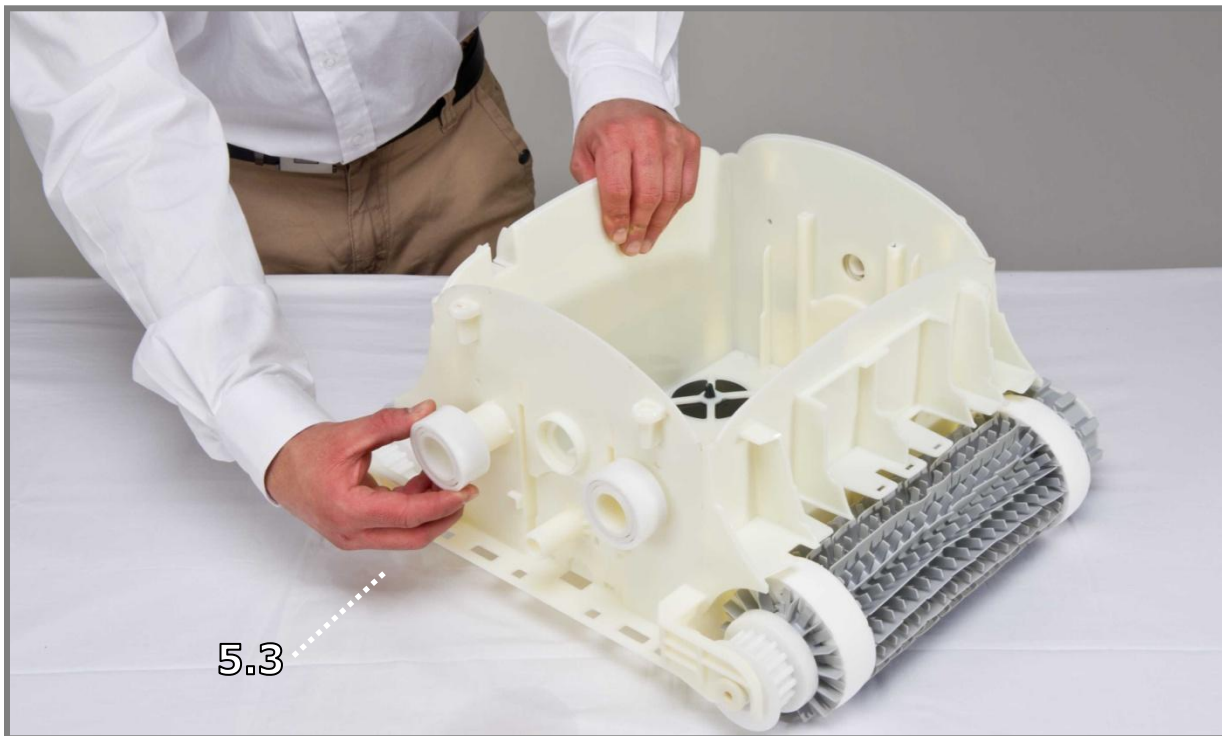
Remove the float from both sides of the robot.

Basic 8 Disassembly Instructions



Step 5.2

Remove the Pulley together with the track from both sides of the robot.

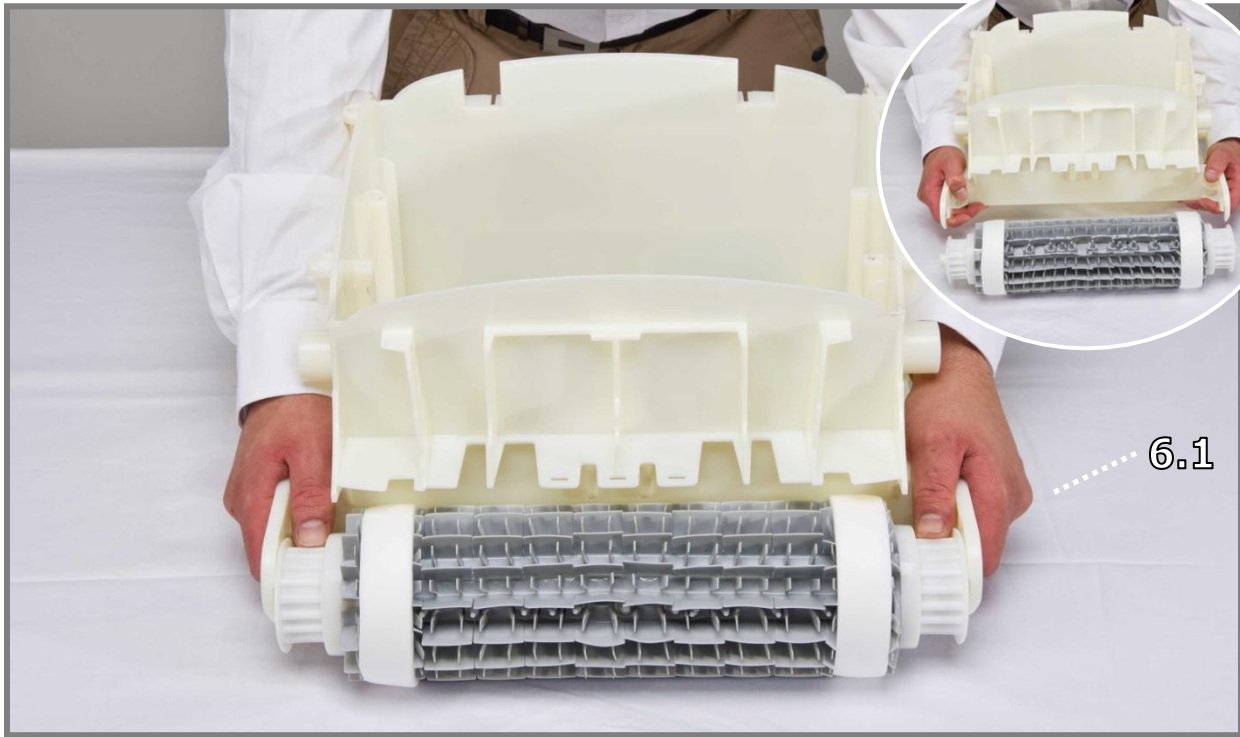


Step 5.3

Remove the guide wheels from both sides of the robot.

Basic 8 Disassembly Instructions

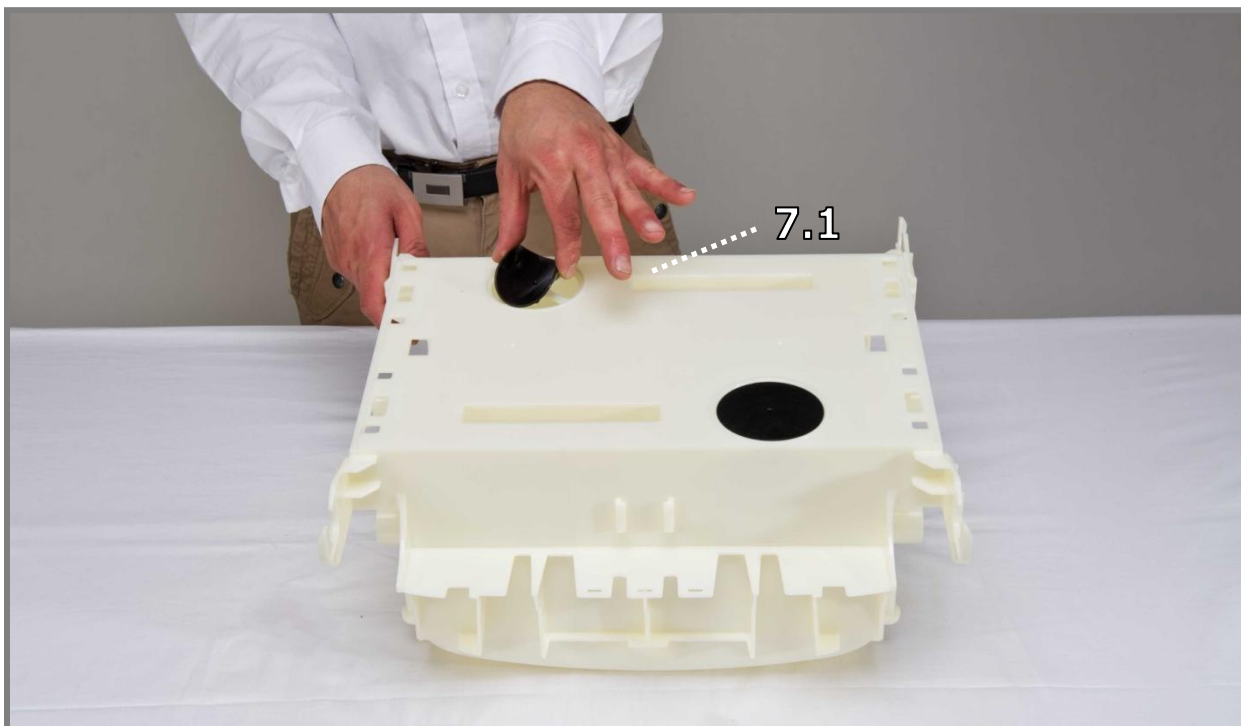
6. Dismantling the Brushes



Step 6.1

Remove the brushes

7. Dismantling the Diaphragms



Step 7.1

Remove the two diaphragms