

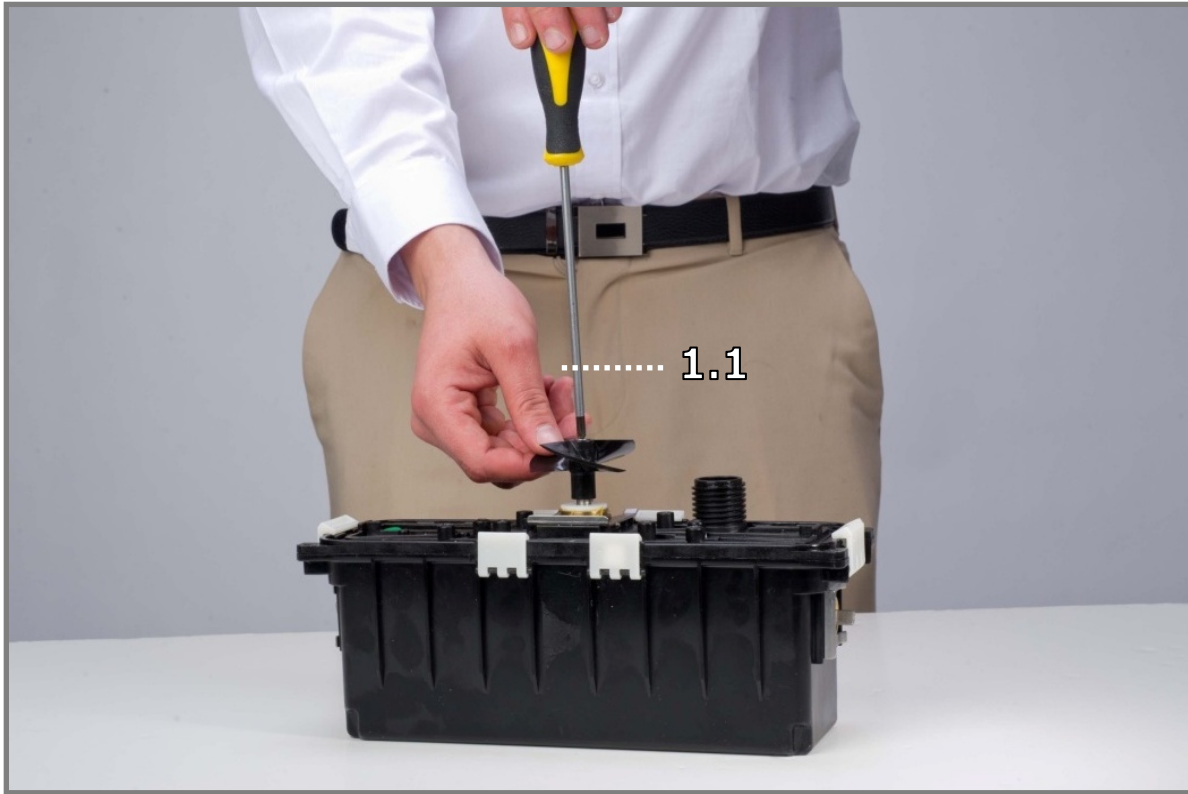
Supreme M5 Assembly Instructions

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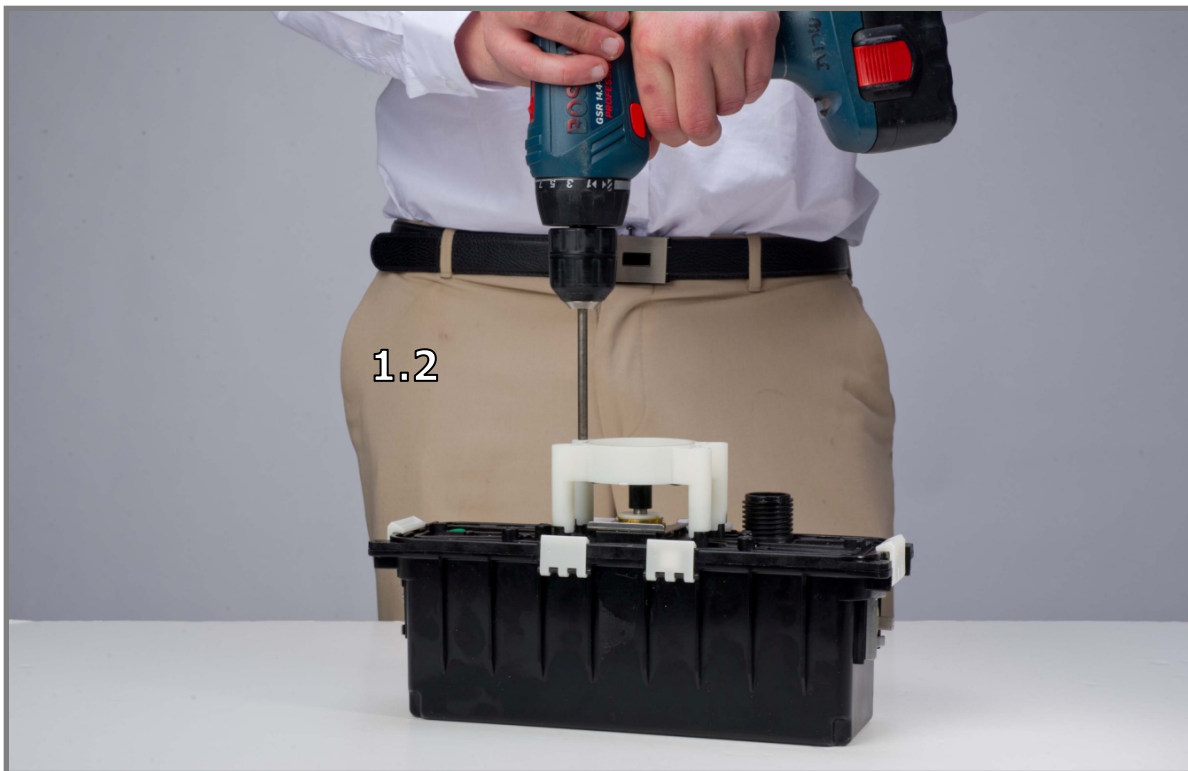
Supreme M5 Assembly Instructions

1. Assembling the Motor Unit's Parts



Step 1.1

Secure the impeller with a M4X25 screw, for your safety make sure you use a screwdriver.

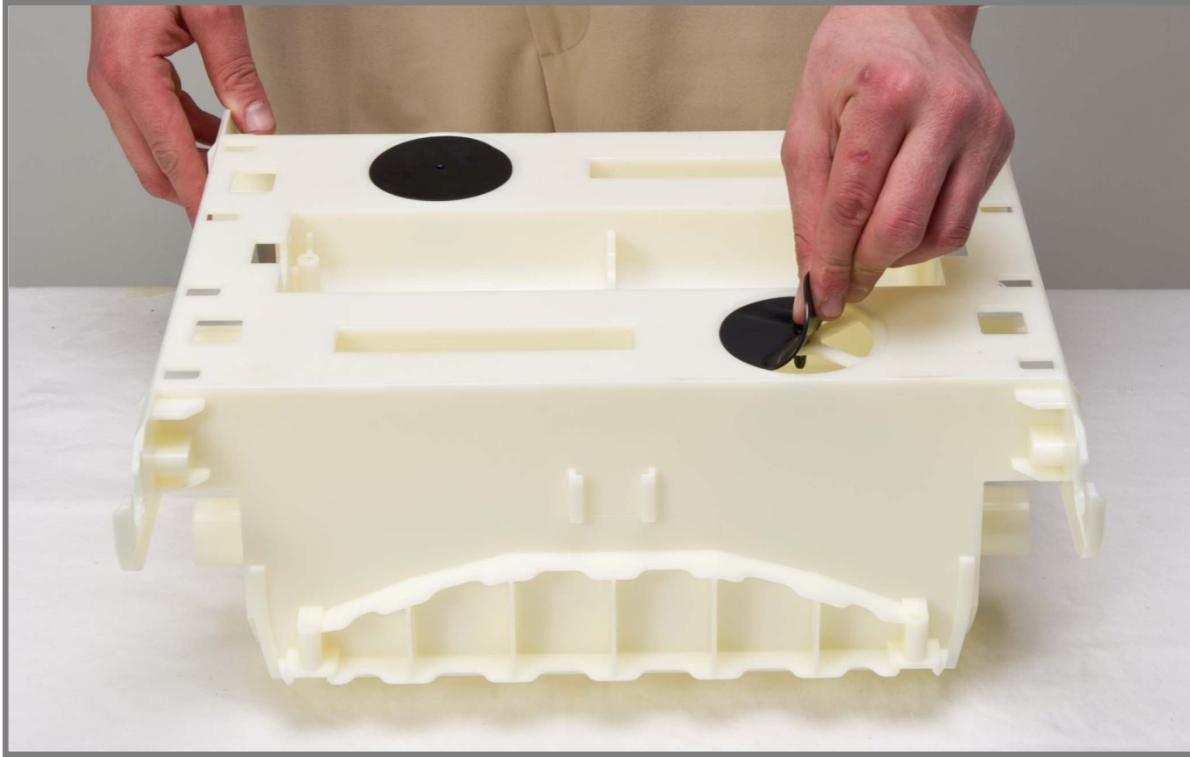


Step 1.2

Secure the impeller protector cylinder with 4 KA50X12 screws.

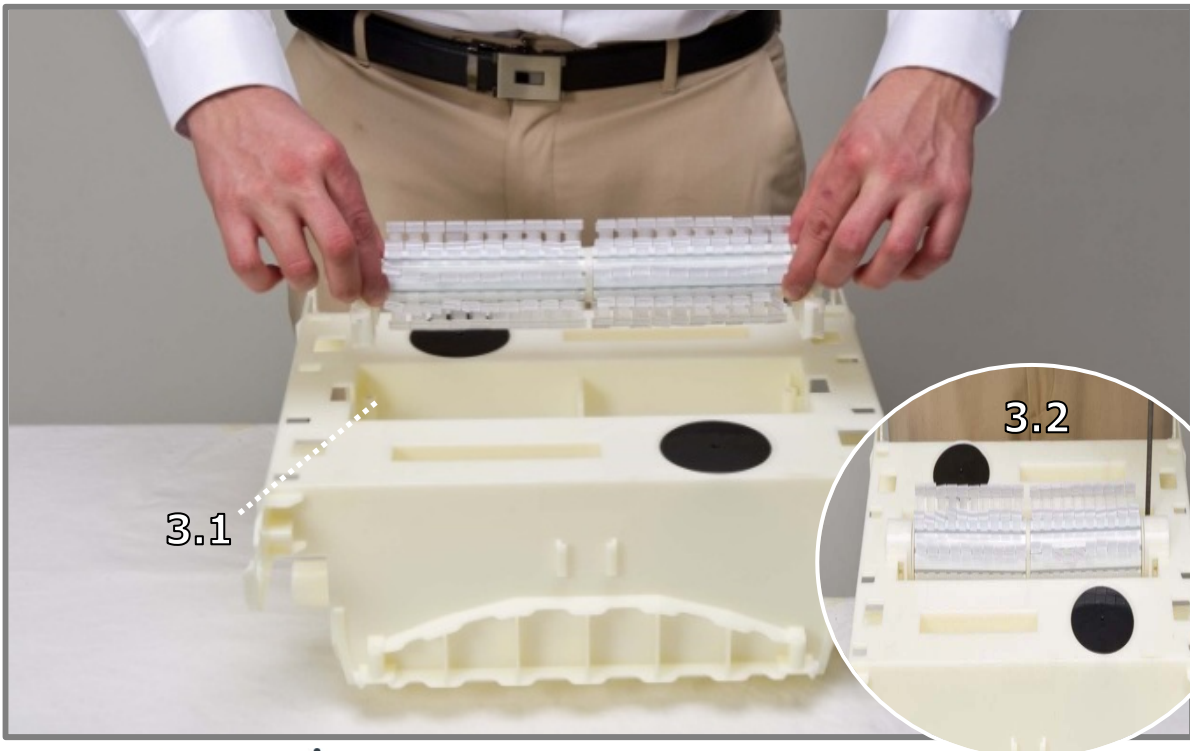
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2. Assembling the Diaphragms



Step 2.1
Insert two diaphragms.

3. Assembling the Active Brush



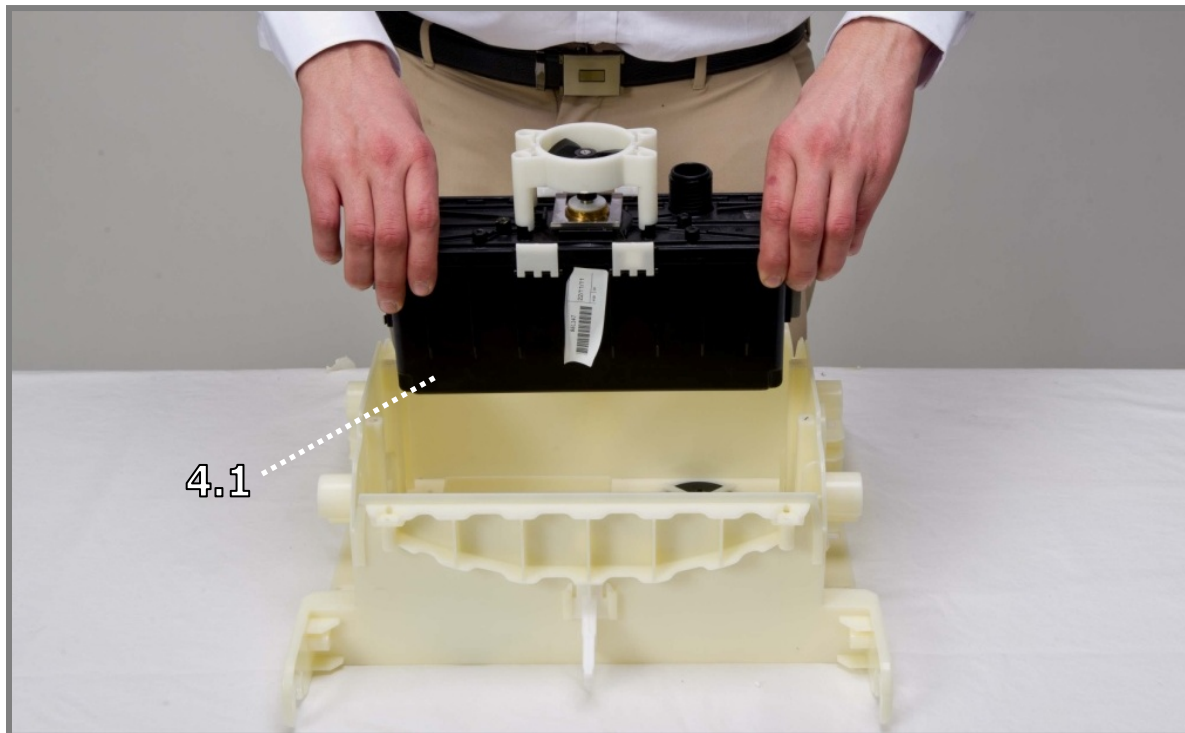
Step 3.1
Place the Active Brush in its place.

Step 3.2
Secure the Active Brush in place with 4X KA50X20 screws.

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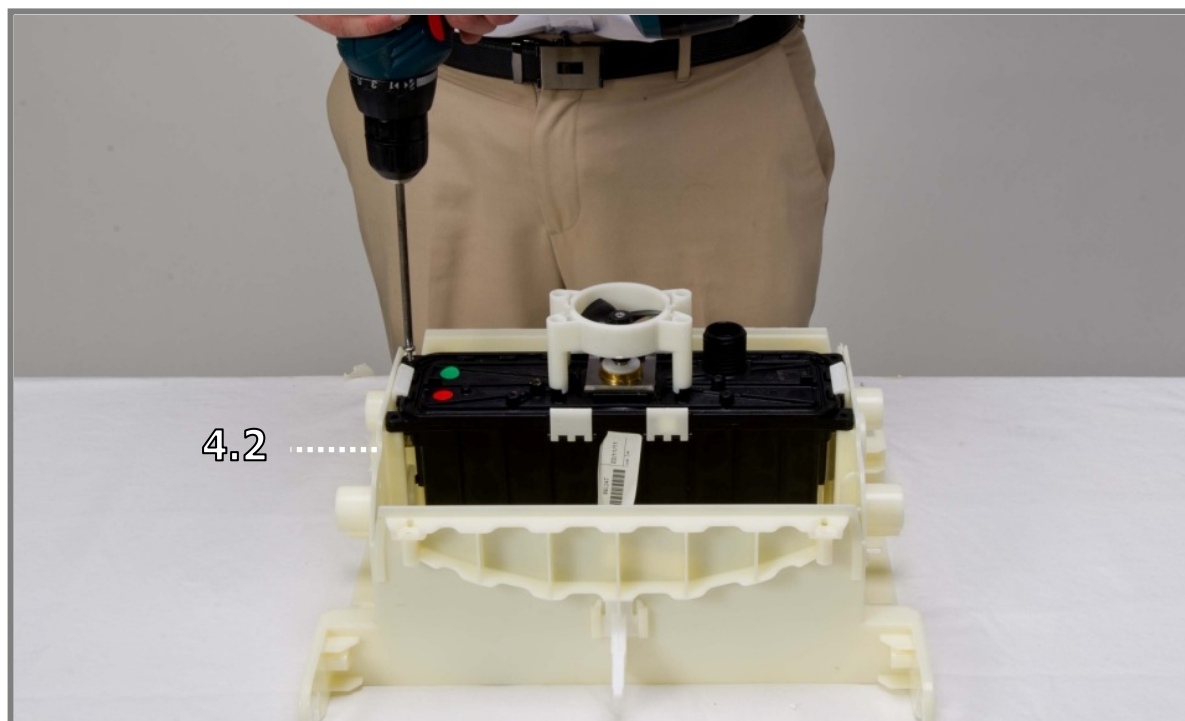
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4. Assembling the Motor Unit



Step 4.1

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

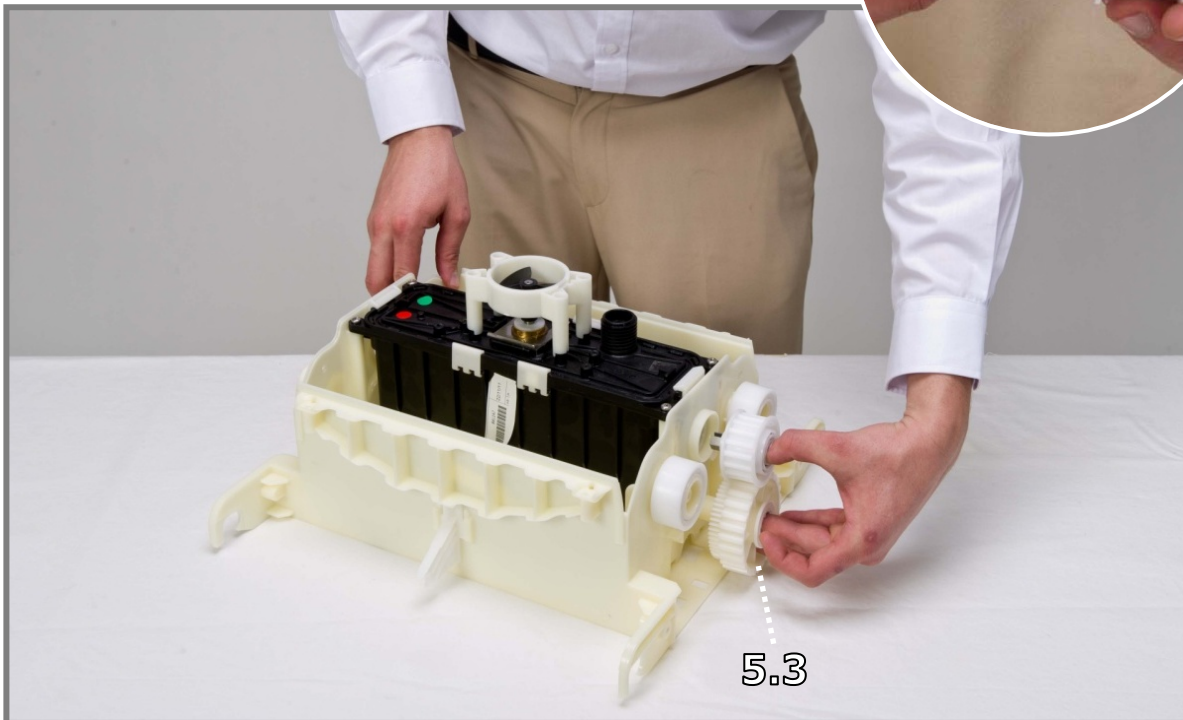
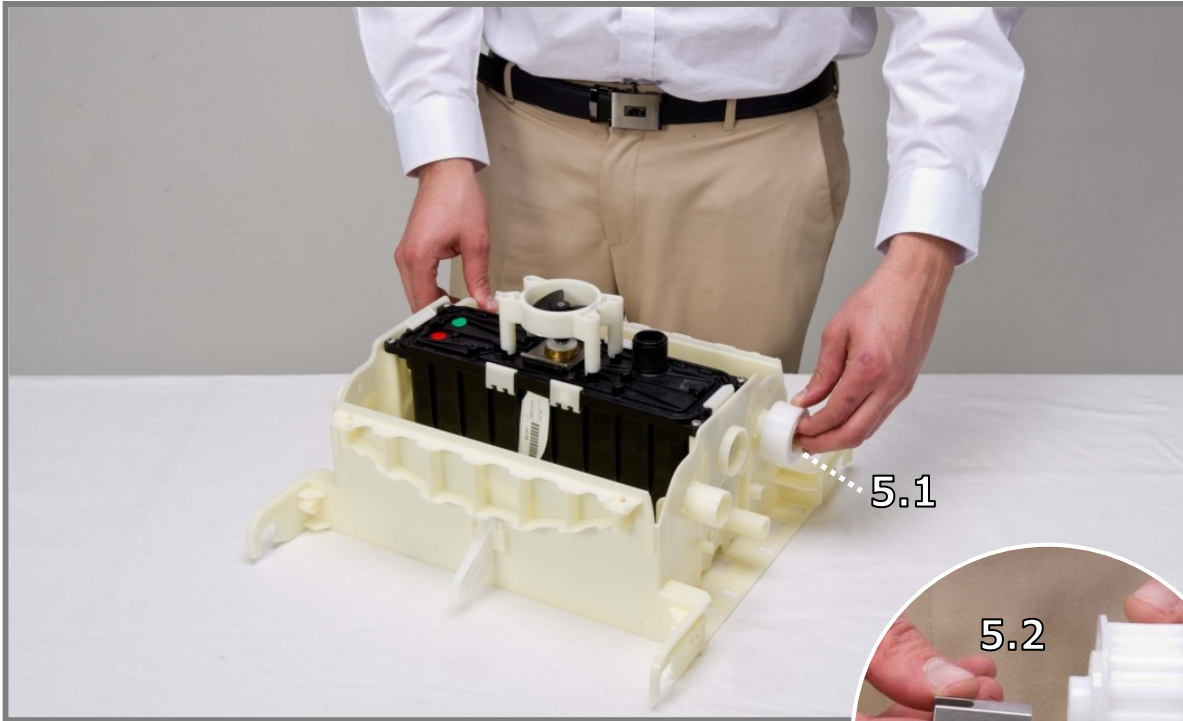


Step 4.2

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

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5. Assembling the Drive System and Side panel



Step 5.1

Place 4 guide wheels on both sides of the motor shaft on both sides of the robot

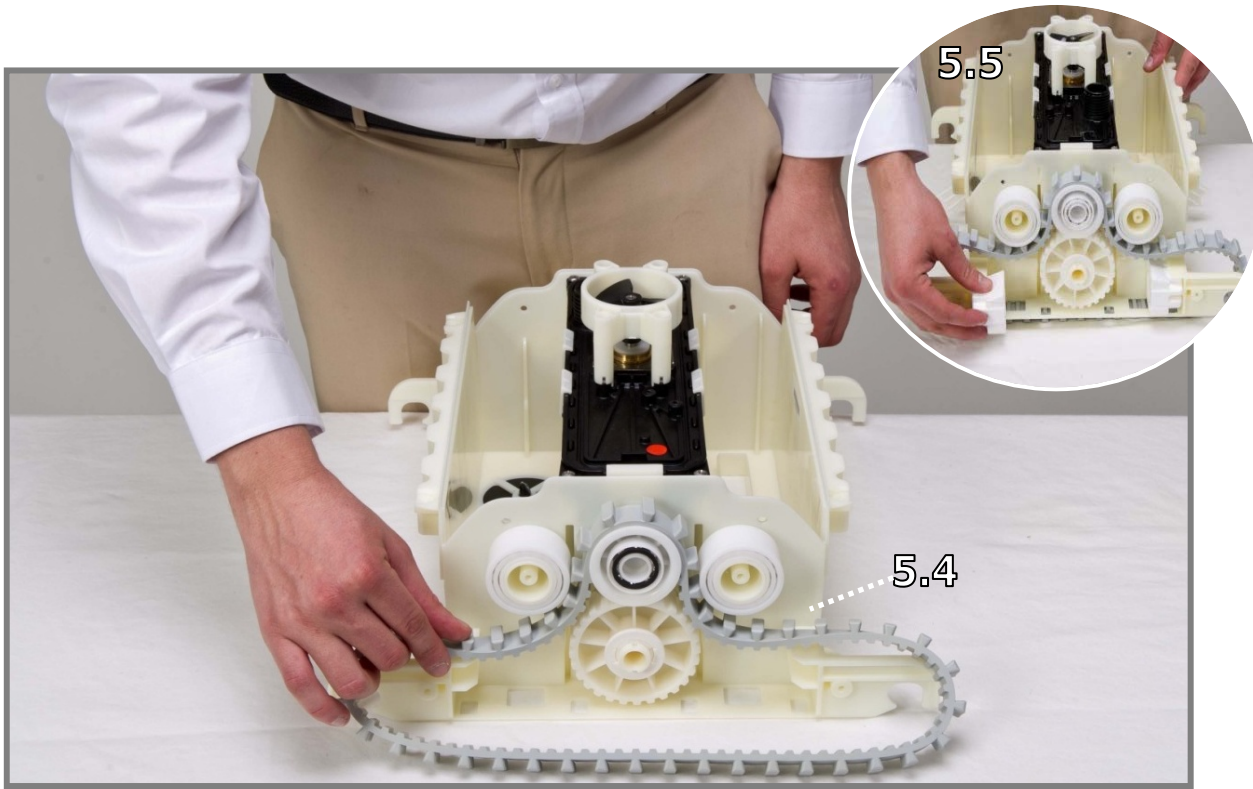
Step 5.2

Put 2 hexagon adaptors into the pulley on both sides of the robot.

Step 5.3

Put the pulley and the Active Brush gear in their places on both sides of the robot.

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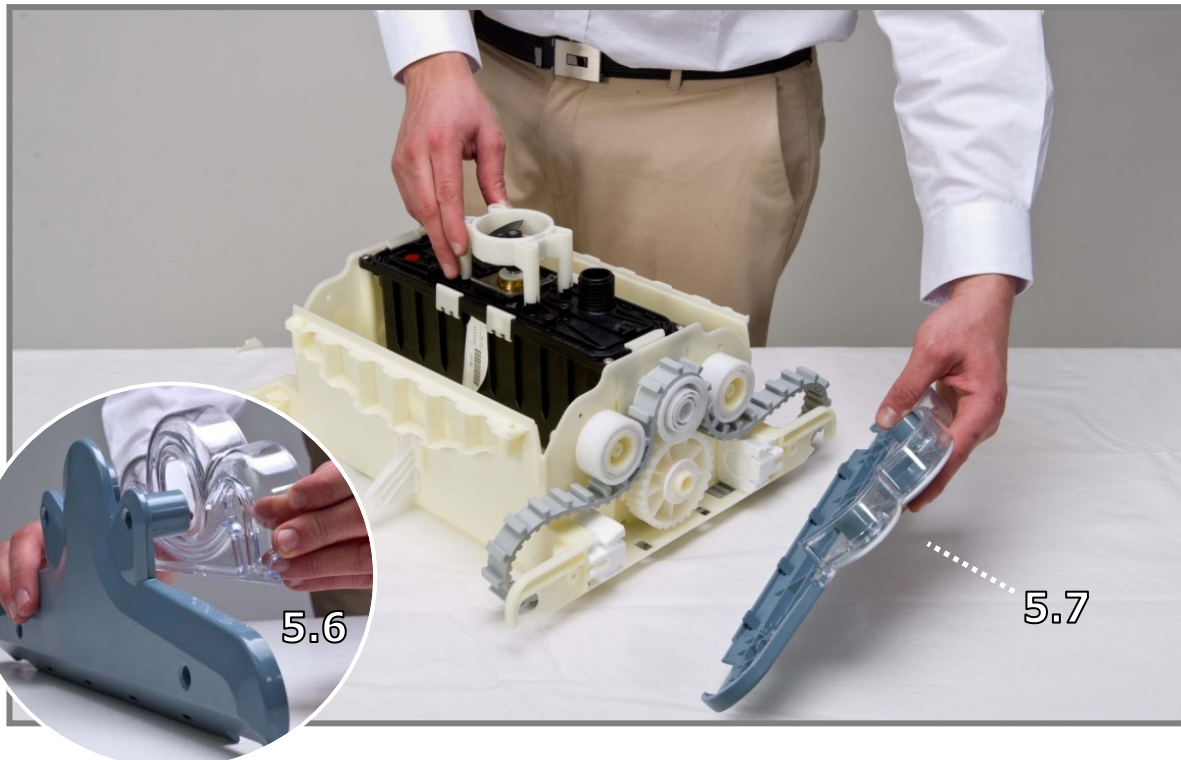


Step 5.4

Place the track in its place as shown on both sides of the robot.

Step 5.5

Place the side floats on both sides of the robot



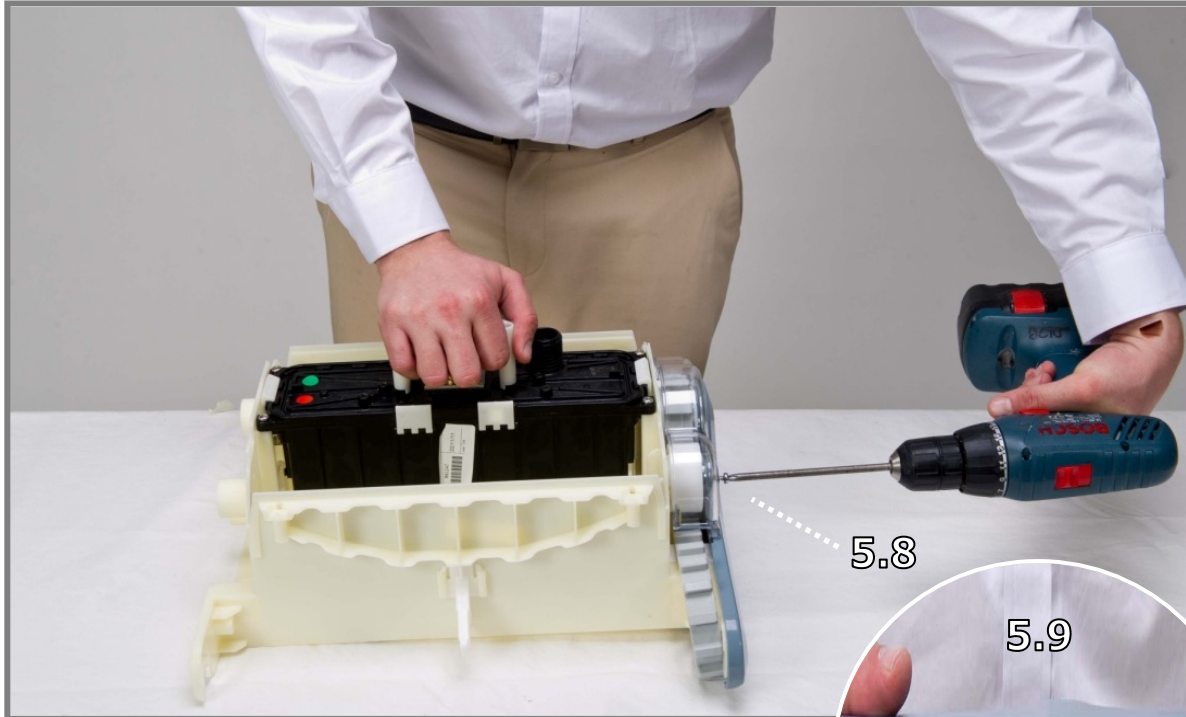
Step 5.6

Assemble the 2 track safety covers on the side panels.

Step 5.7

Put the side panels into place on both sides of the robot.

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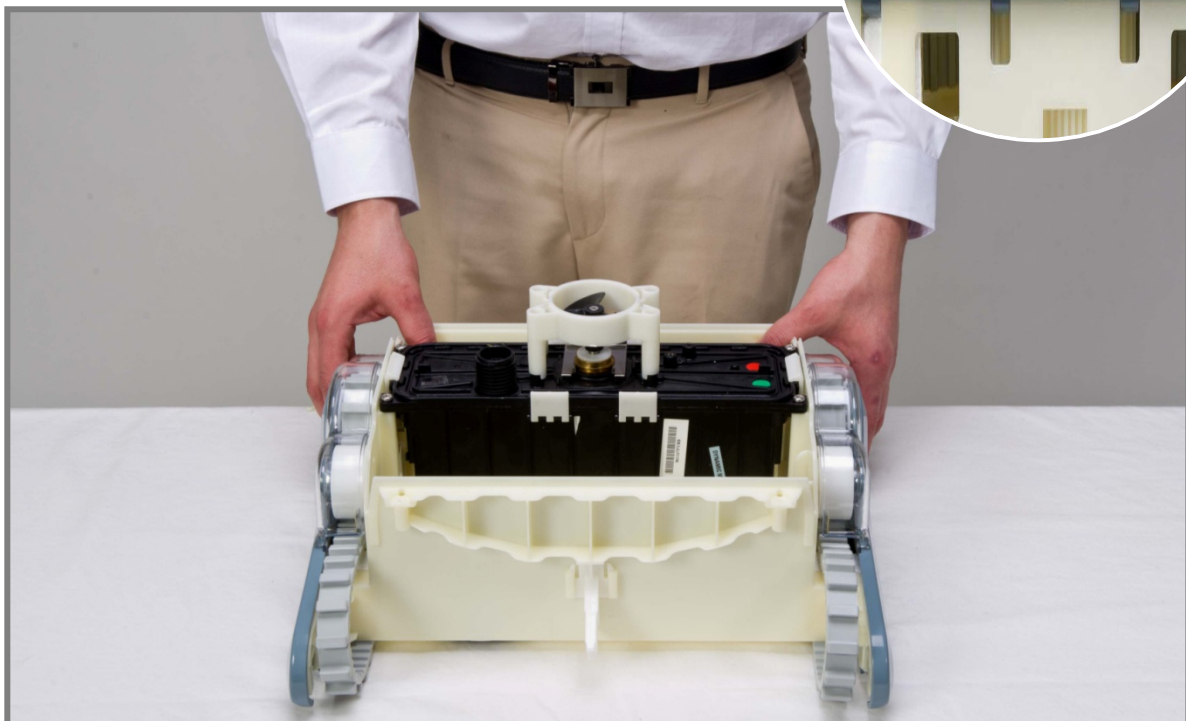


Step 5.8

Secure the side panels in place with 4 KA50X20 screws on both sides of the robot.

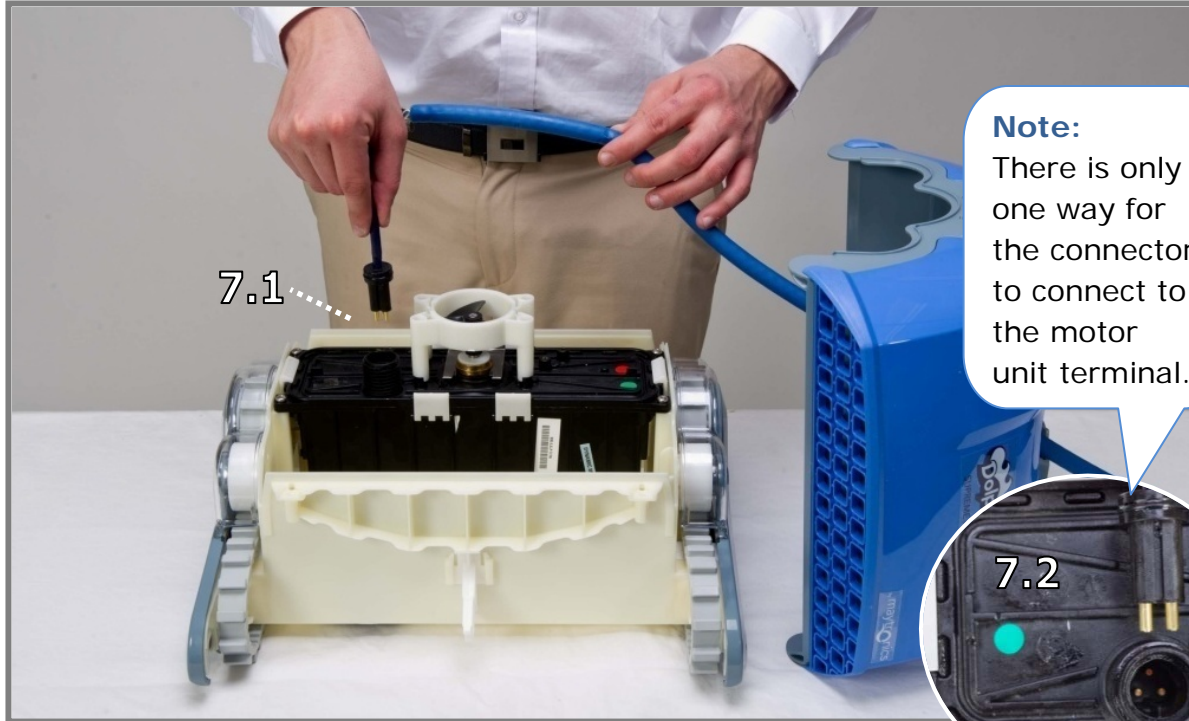
Step 5.9

Make sure the side panel clips are in their places as shown in the picture



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6. Assembling the Floating Cable

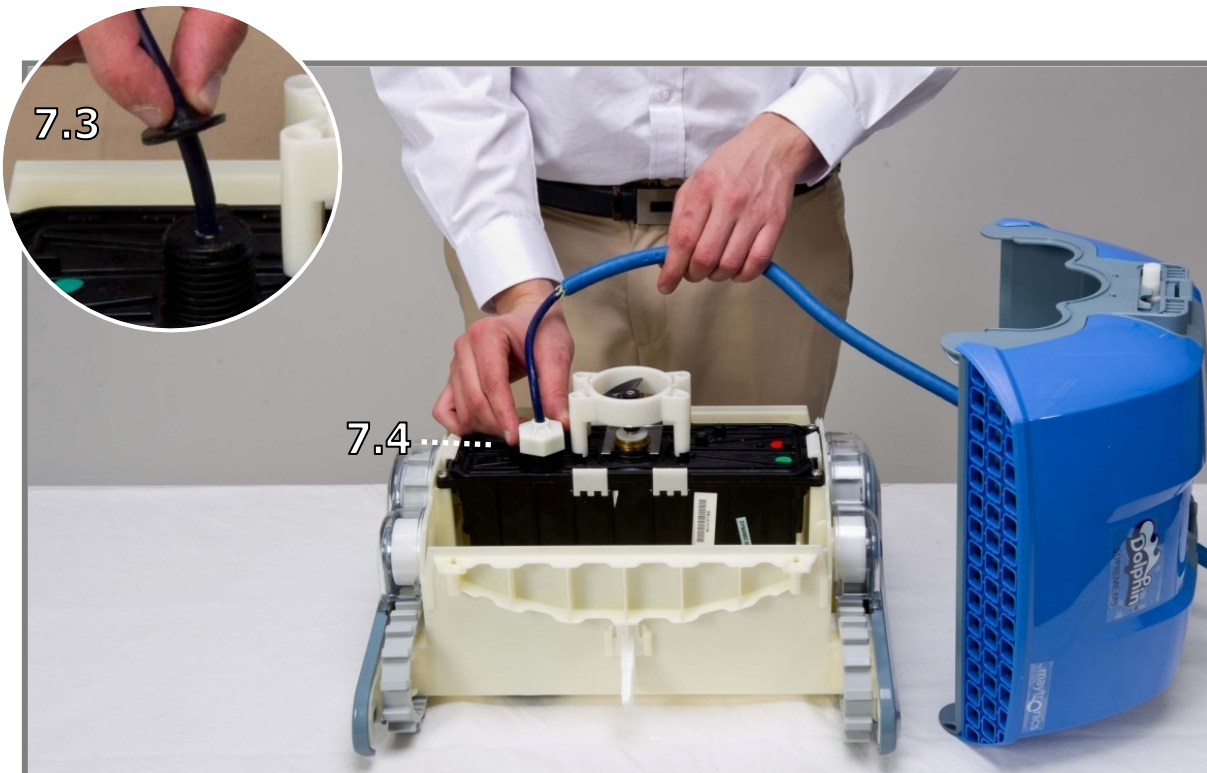


Step 7.1

Insert the floating cable to the motor unit.

Step 7.2

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



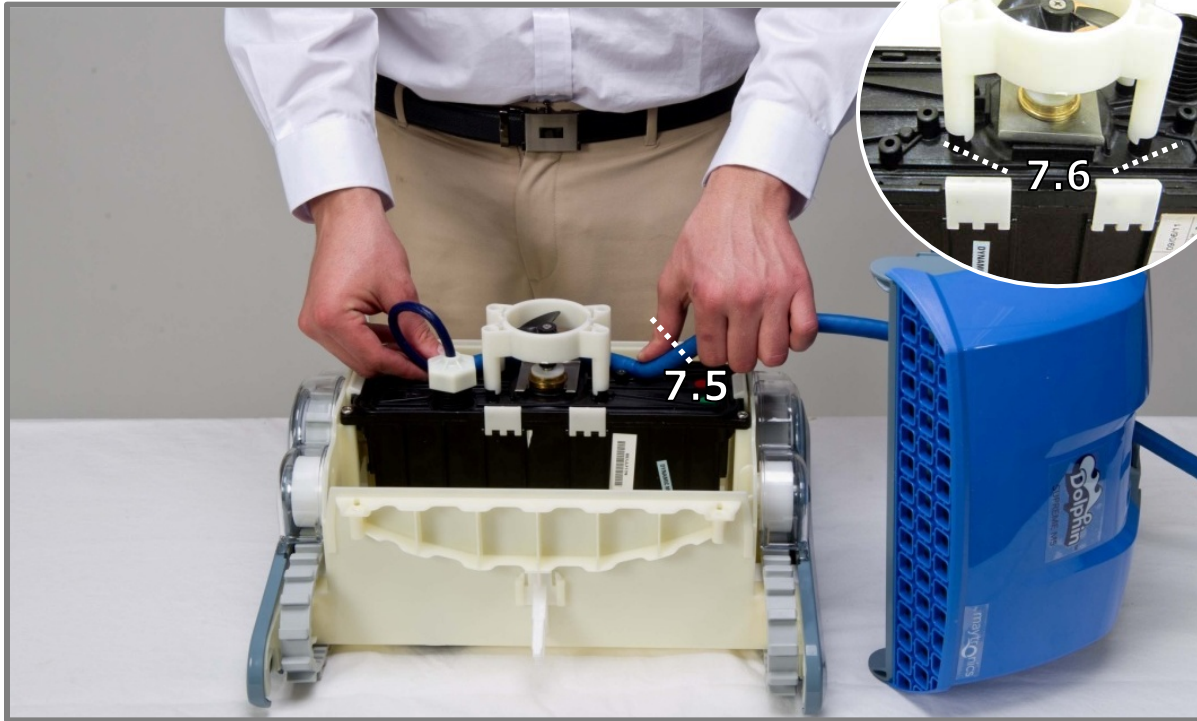
Step 7.3

Press the seal firmly to the terminal.

Step 7.4

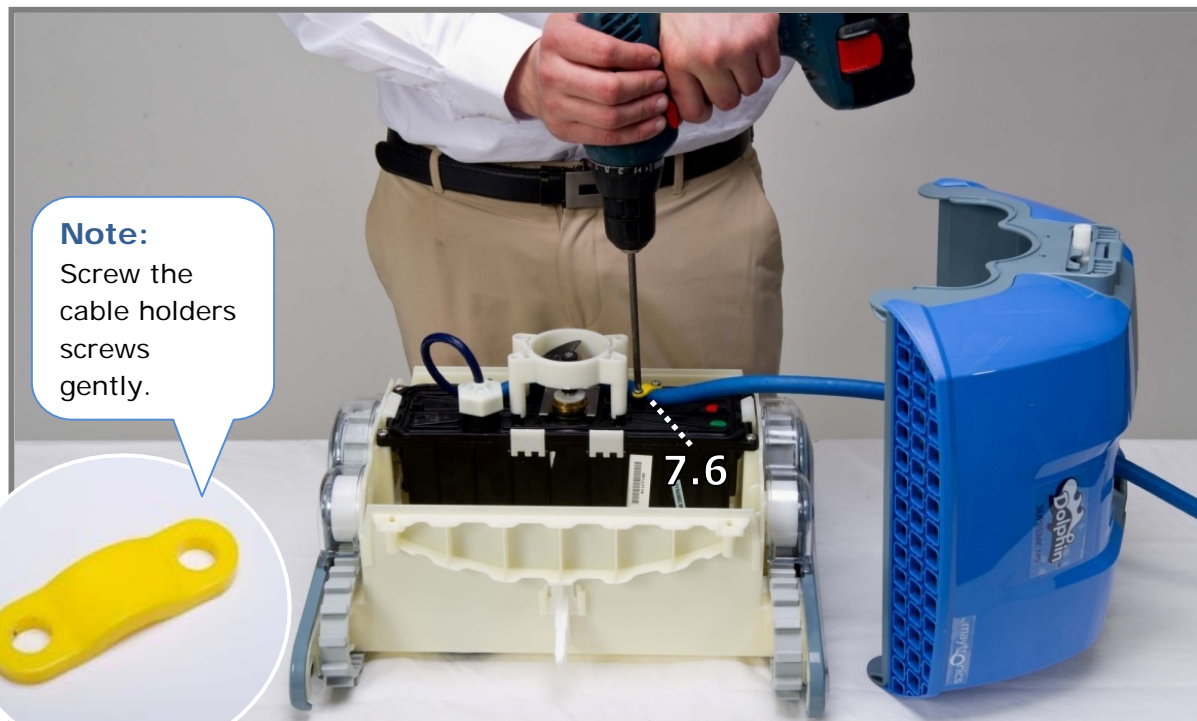
Tighten the nut properly by hand.

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Step 7.5
Position the floating cable on the motor unit.

Step 7.6
The cable position on the motor unit

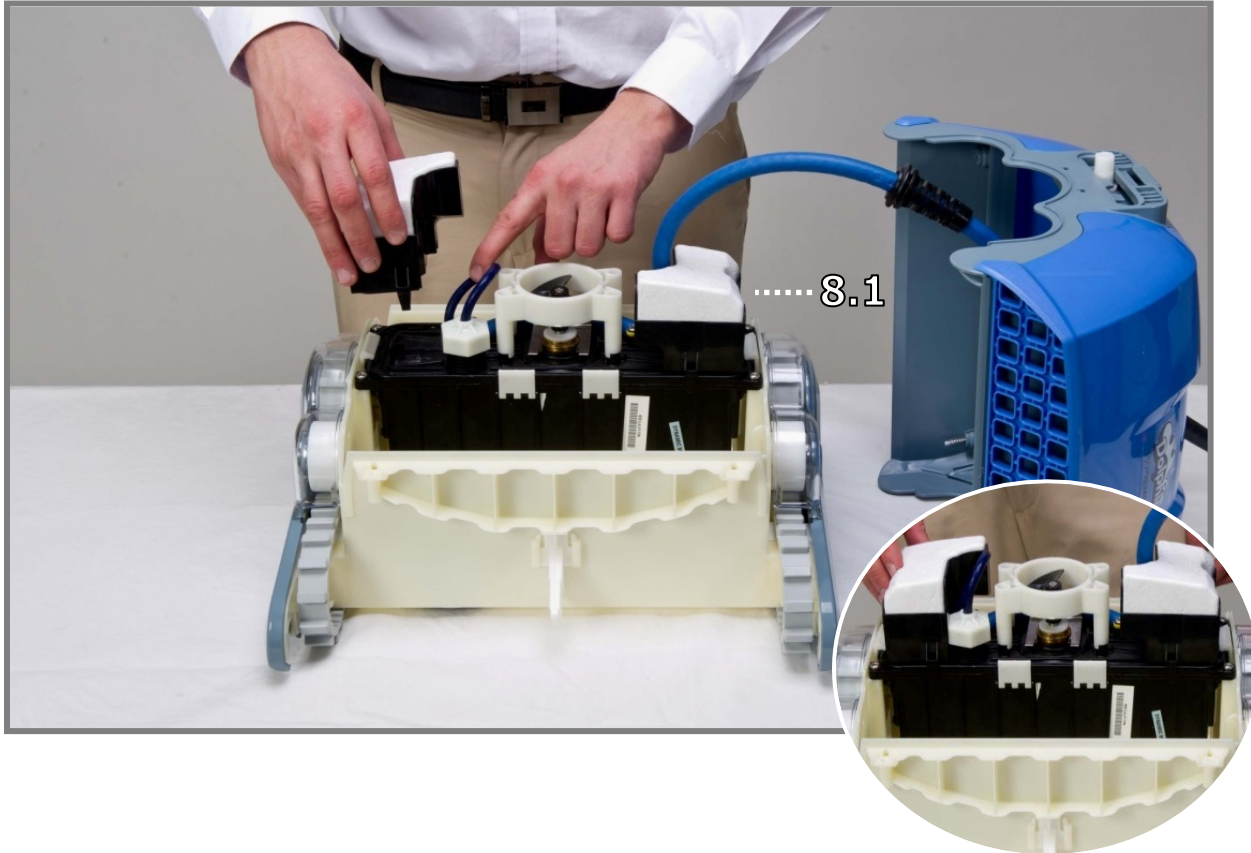


Note:
Screw the cable holders screws gently.

Step 7.6
Secure the cable holders with 4X KA50X12 screws.

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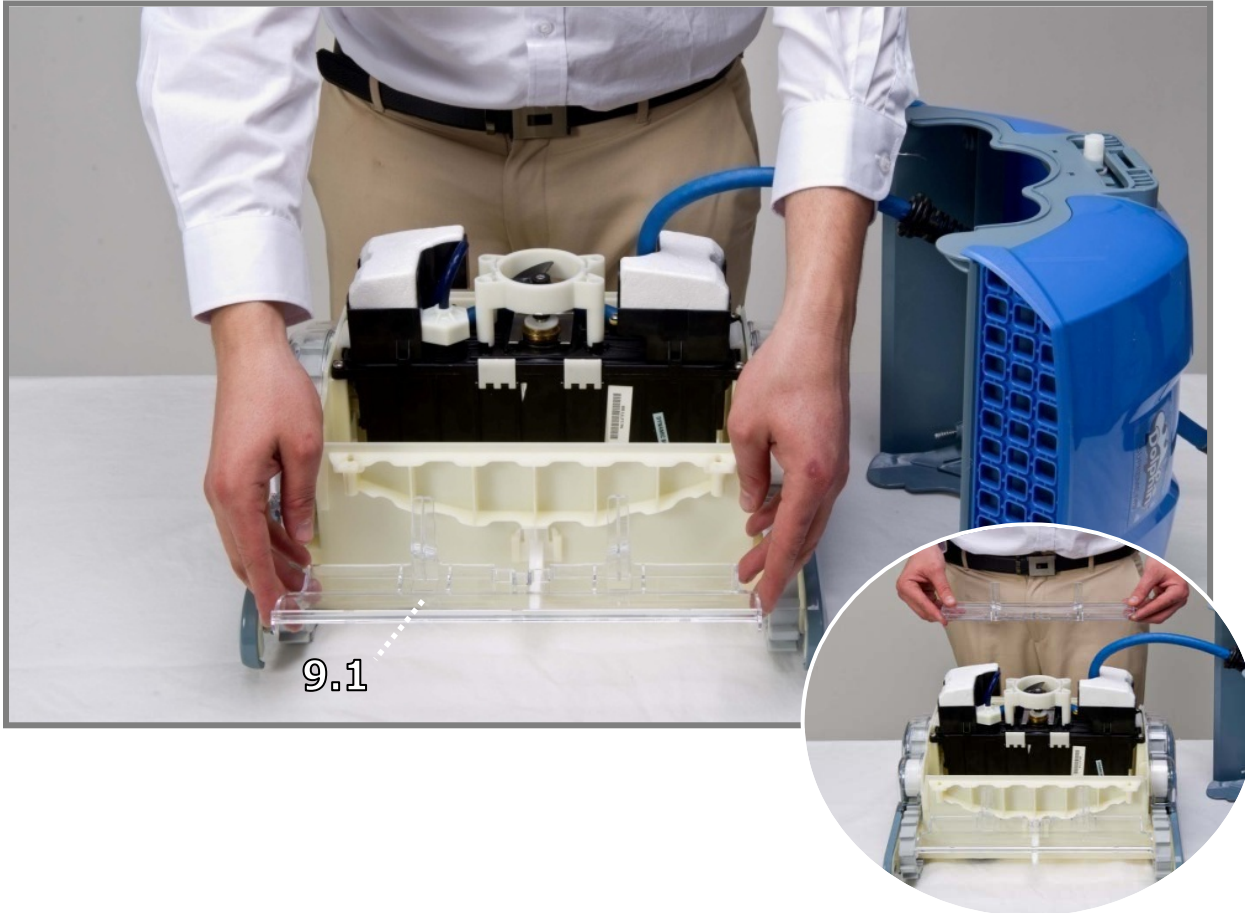
8. Positioning the Float



Step 8.1
Place the 2 floats
on the motor
unit.

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9. Positioning the Brush Covers



Step 9.1
Position the 2
brush safety
covers on both
sides of the robot

Supreme M5 Assembly Instructions

10. Assembling the Outer Casing



Step 10.1
Place the outer casing on the frame.

Note:

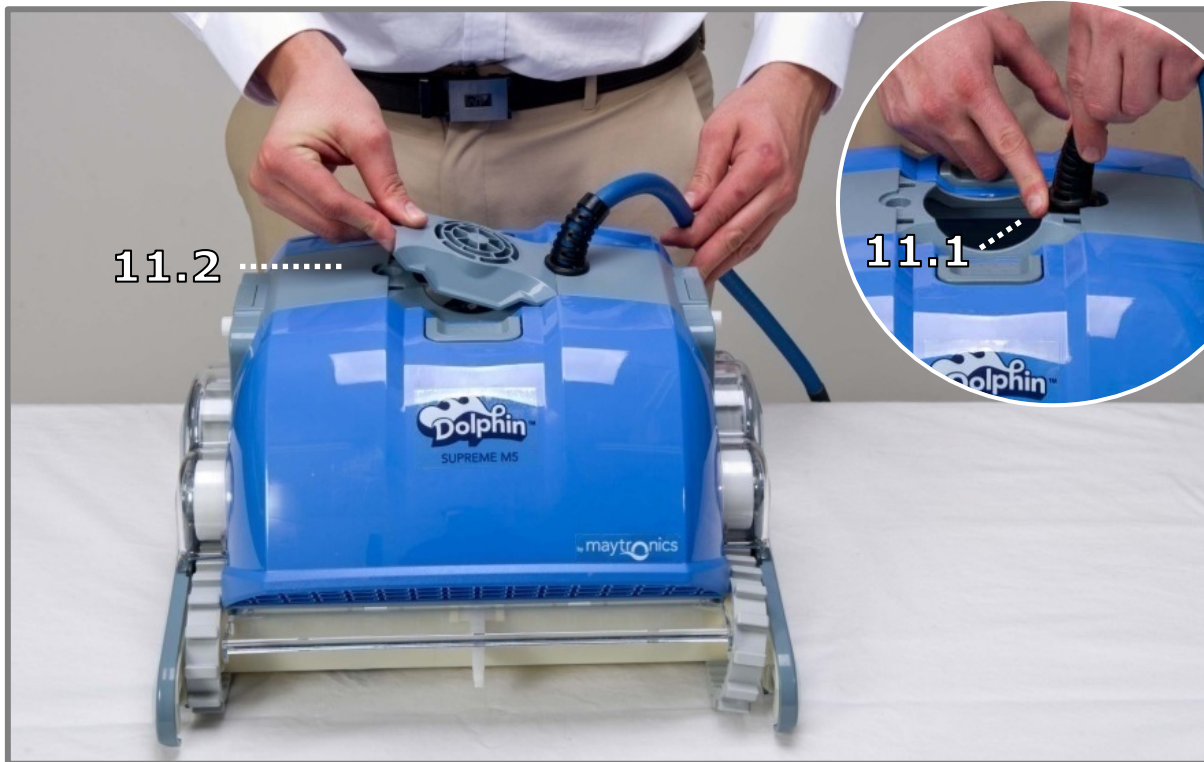
Make sure the casing seats well on the brush safety covers.



Step 10.2
Secure the outer casing to the frame with 4X KA50X20 screws.

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11. Assembling the Impeller Cover



Step 11.1

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

Step 11.2

Position the impeller cover diagonally on the outer cover.



Step 11.3

Secure the impeller cover with a KA50X12 screw.

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12. Assembling the Handle



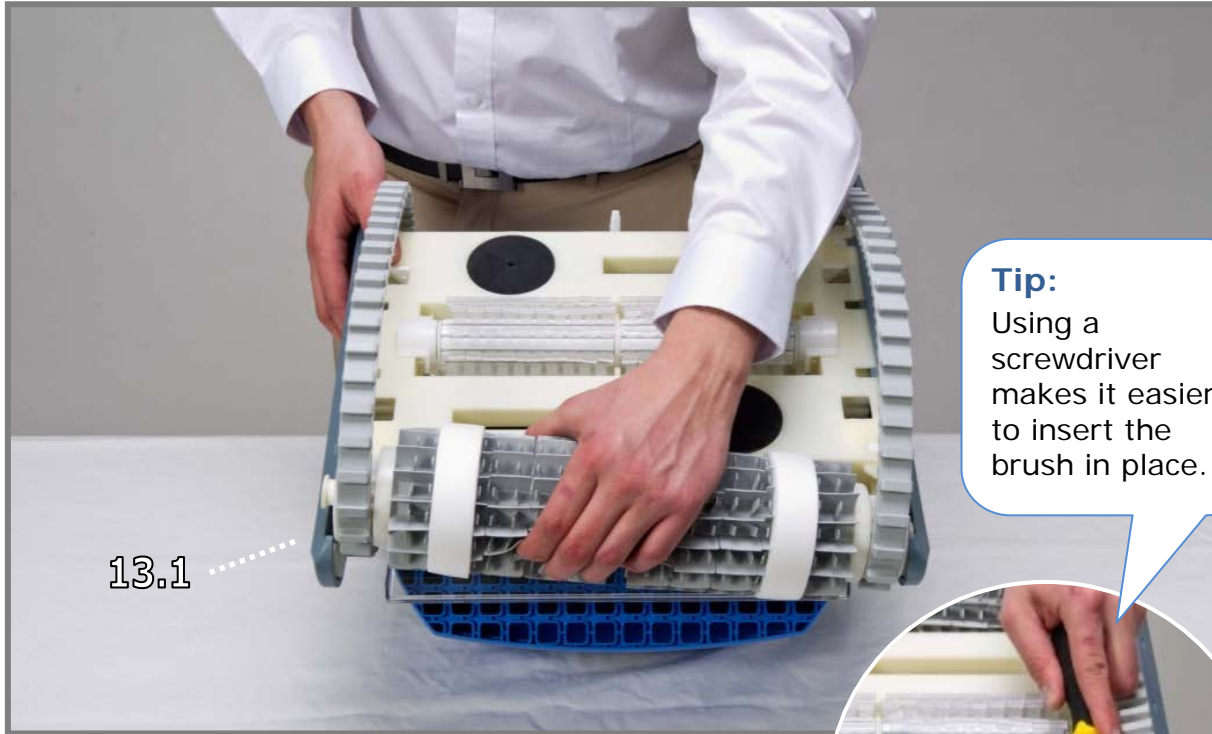
Step 12.1
Position the handle.



Step 12.2
Secure the handle
in place with 2
KA50X20 screws.

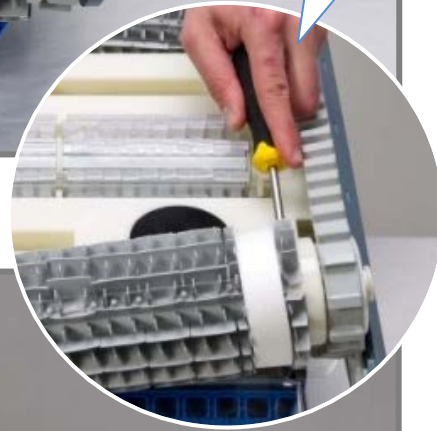
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13. Assembling the Brushes



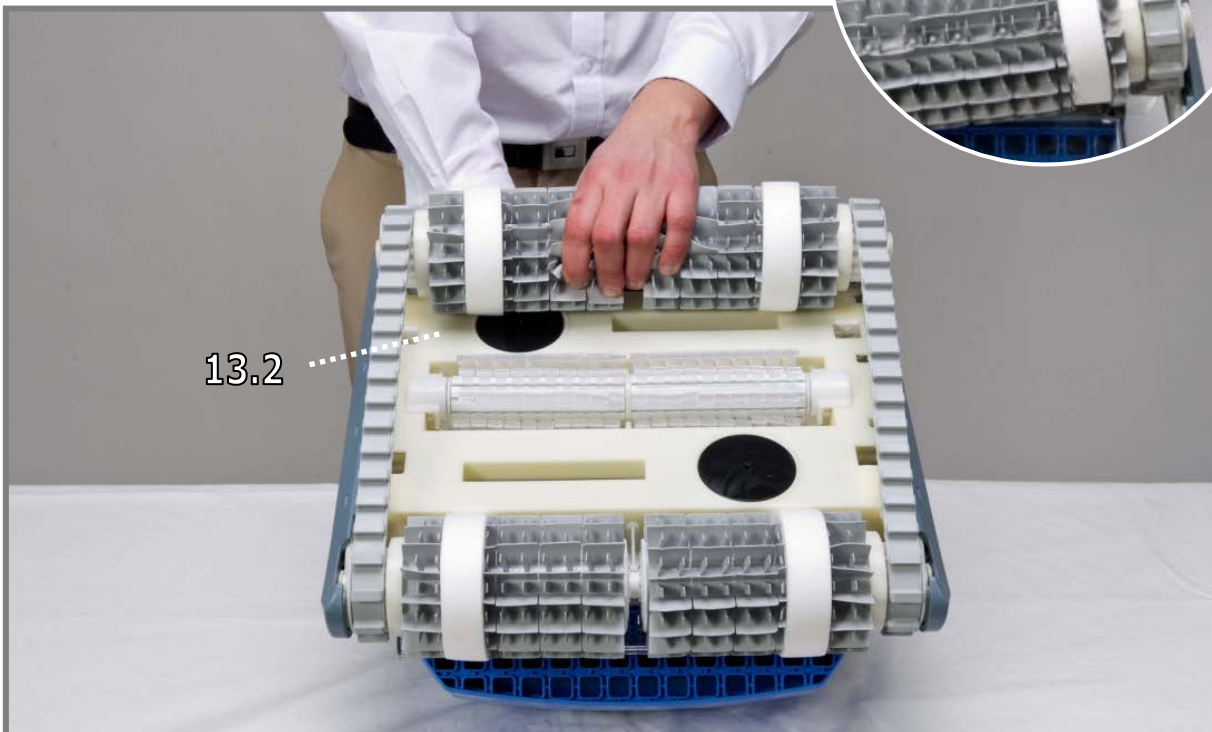
Tip:

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



Step 13.1

Place one brush in place.



Step 13.2

Place the second brush in its place by pulling it strongly towards you.

Supreme M5 Disassembly Instructions

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Supreme M5 Disassembly Instructions

1. Dismantling the Handle



Step 1.1
Unscrew the 2 screws holding the handle in place.



Step 1.2
Take the handle off.

Supreme M5 Disassembly Instructions

2. Dismantling the Impeller Cover



Step 2.1

Unscrew the screw holding the impeller cover in place.



Step 2.2

Lift the impeller cover up from one side and then take it off.

Supreme M5 Disassembly Instructions

3. Dismantling the Outer Casing



Step 3.1

Unscrew the 4 screws holding the outer casing in place.



Step 3.2

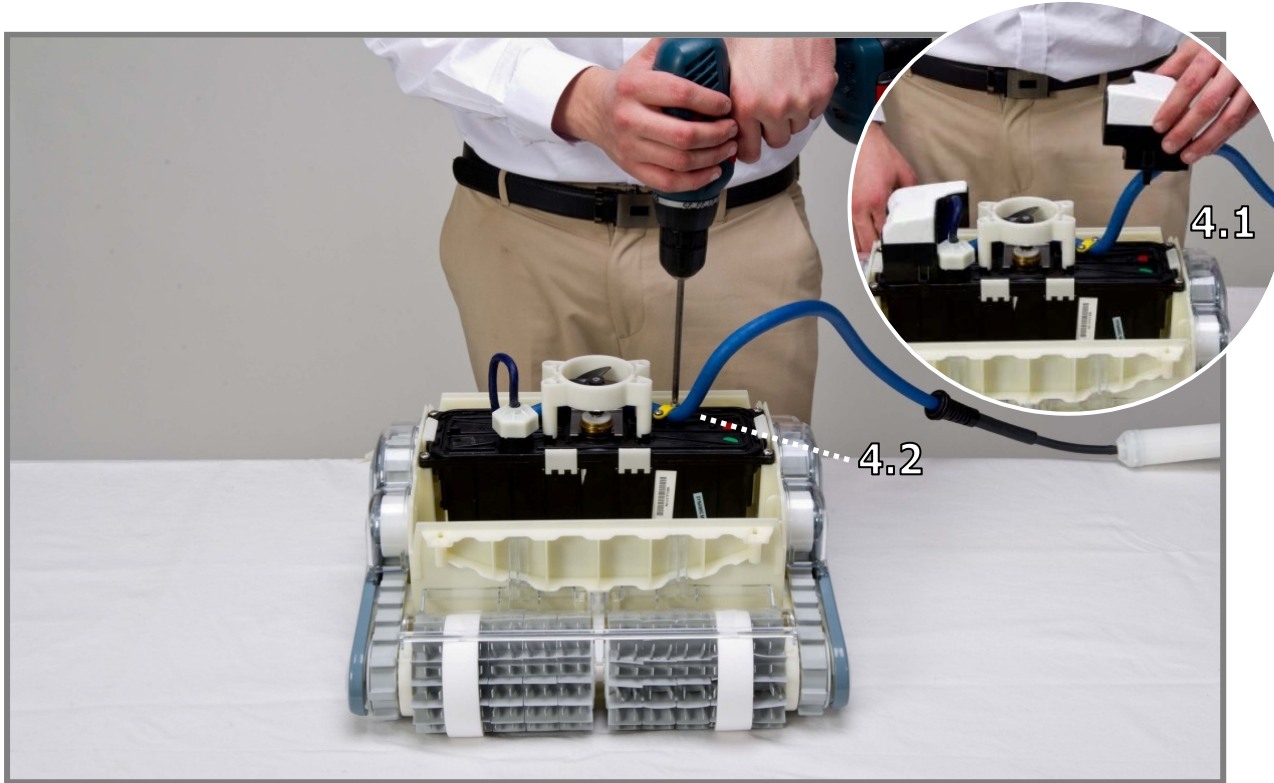
Remove the black grommet before taking off the outer casing.

Step 3.3

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

Supreme M5 Disassembly Instructions

4. Dismantling the Cable

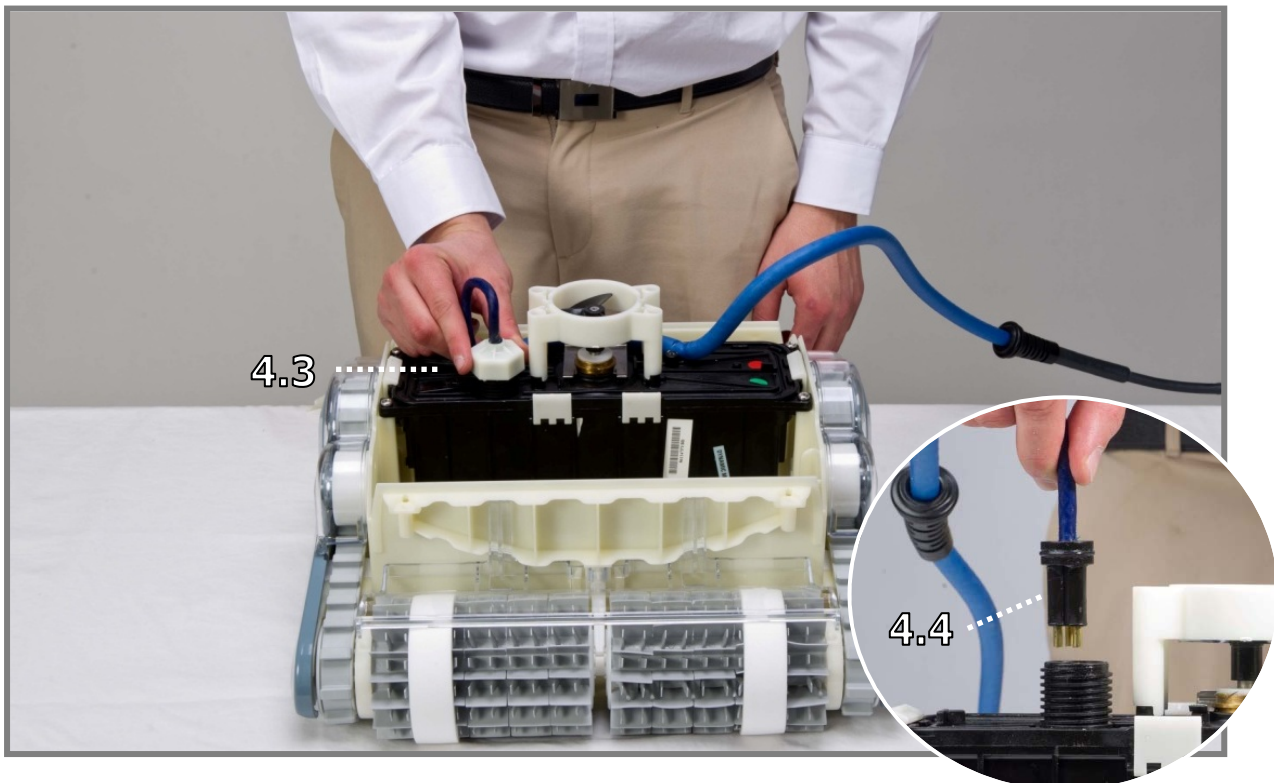


Step 4.1

Remove 2 floats from the motor unit.

Step 4.2

Unscrew the 4 screws securing the cable holder.



Step 4.3

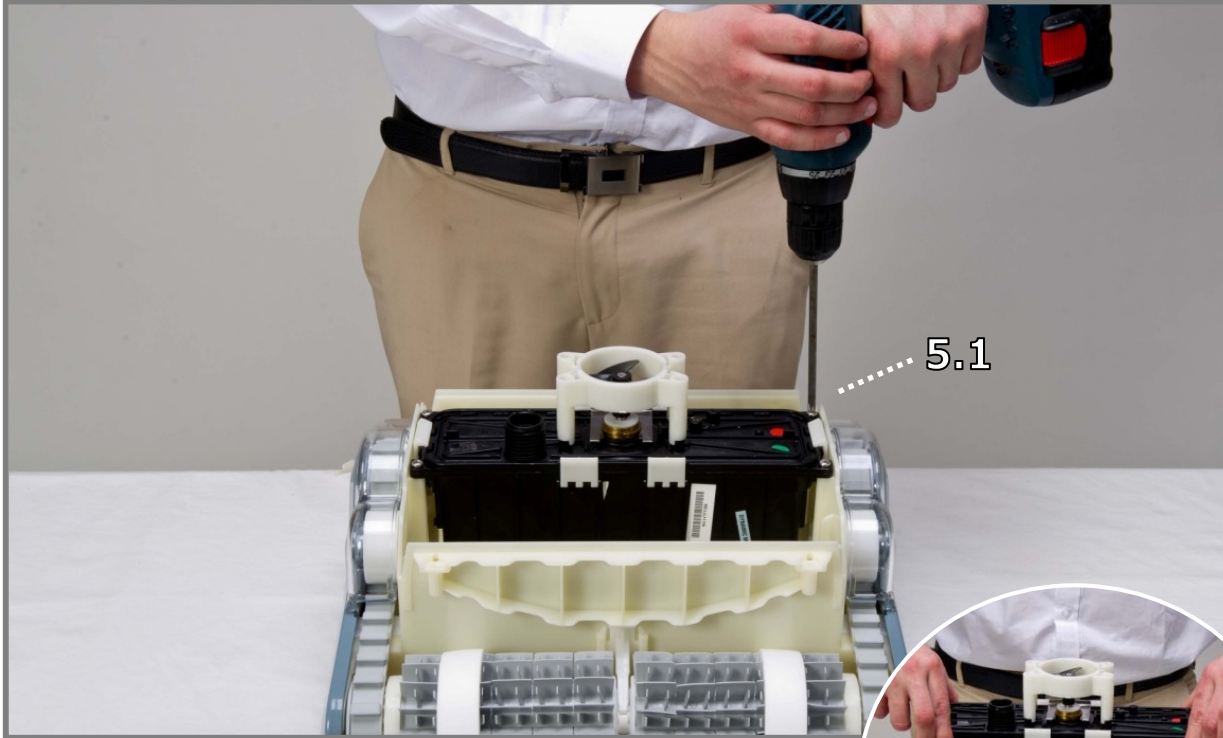
Unscrew the cable from the motor unit.

Step 4.4

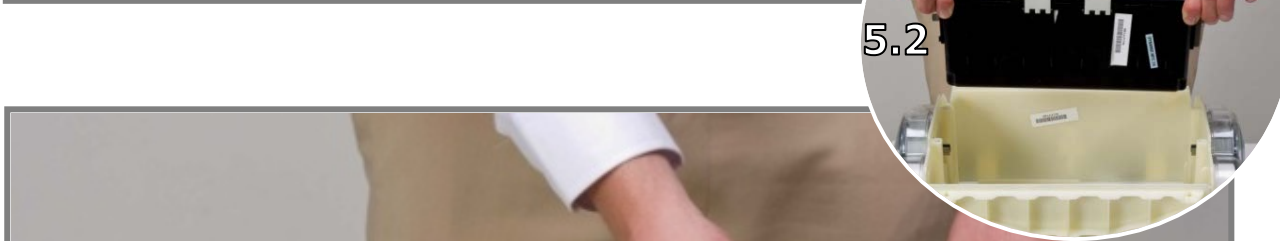
Unplug the cable.

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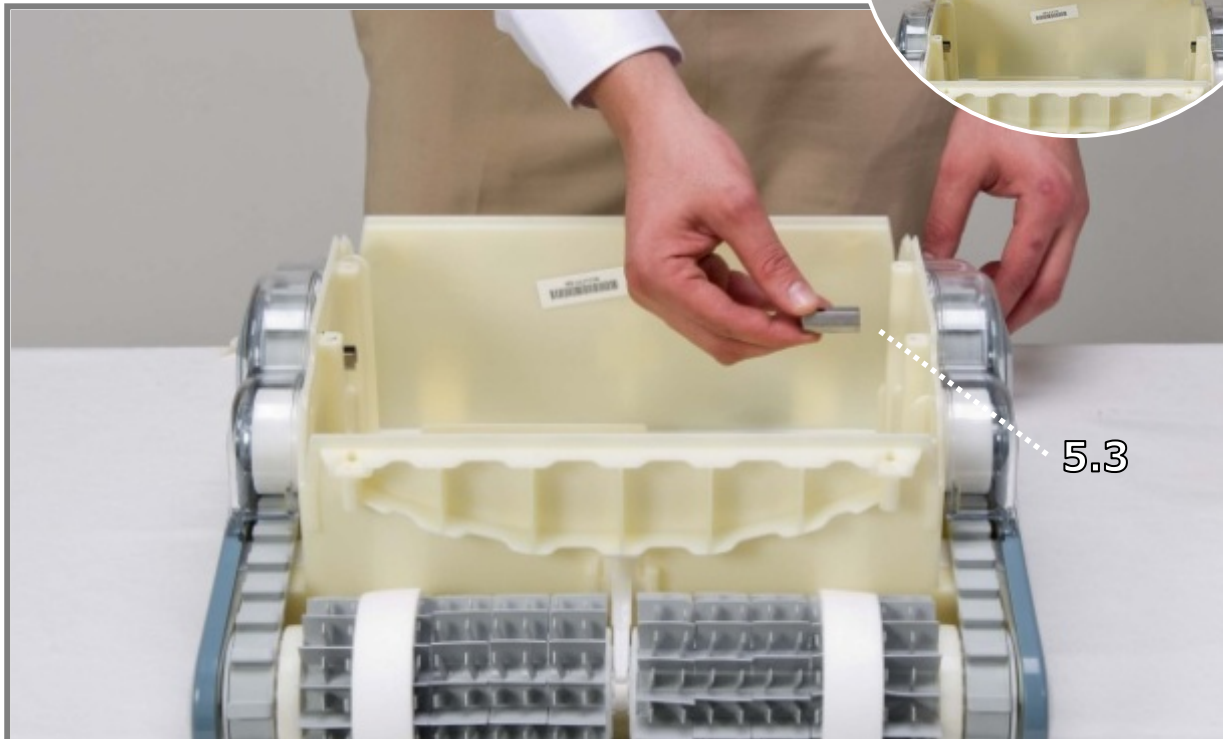
5. Disassembling the Motor Unit



Step 5.1
Unscrew the 4 screws securing the motor unit to the frame.



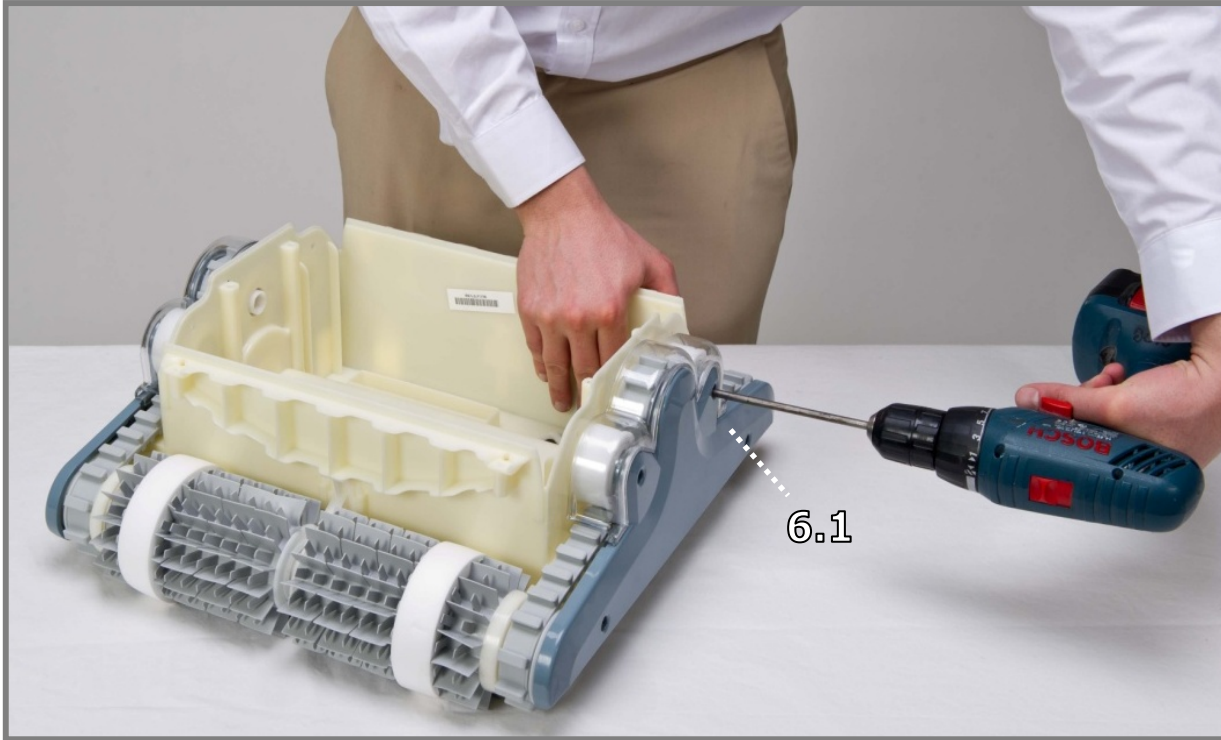
Step 5.2
Remove the motor unit



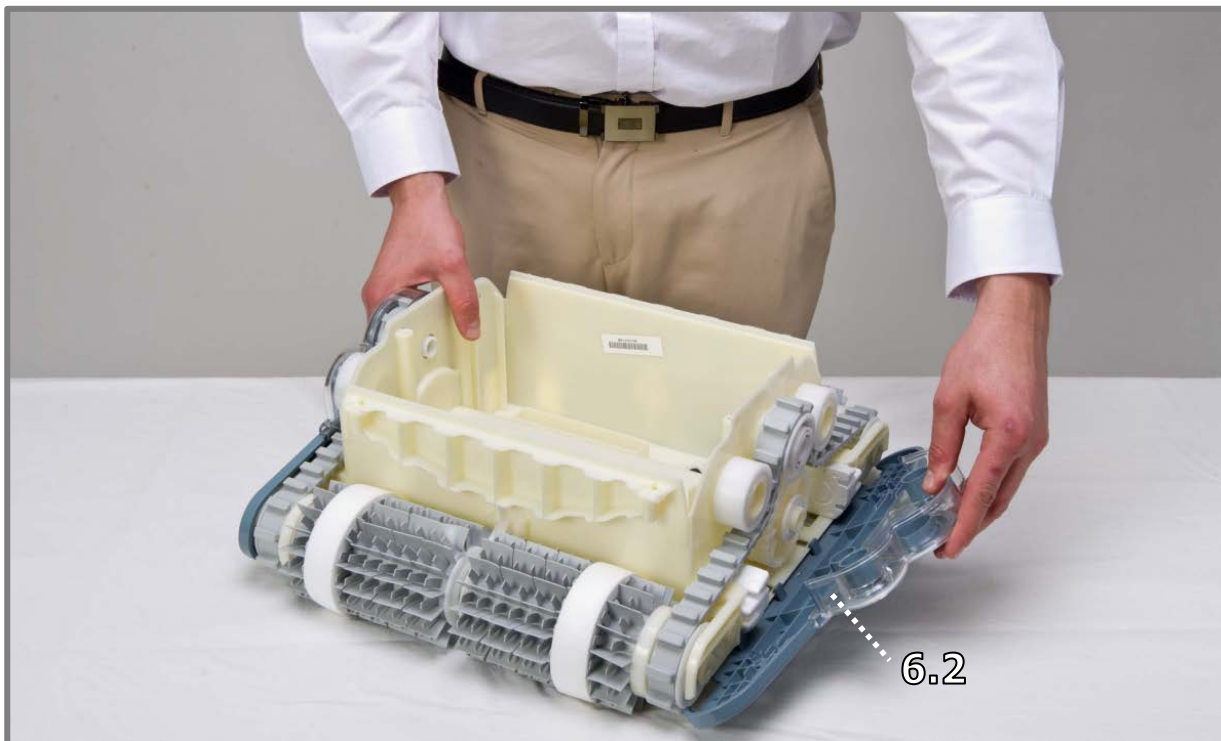
Step 5.3
Remove the 2 hexagon adapters.

Supreme M5 Disassembly Instructions

6. Dismantling the Side Panels



Step 6.1
Unscrew the 4 screws holding each panel in place.



Step 6.2
Pull the 2 side panels off.

Supreme M5 Disassembly Instructions

7. Dismantling the Drive System



Step 7.1

Remove the 2 side floats from both sides of the robot

Step 7.2

Remove the pulley together with the track and Active Brush's driving wheel from both sides of the robot.

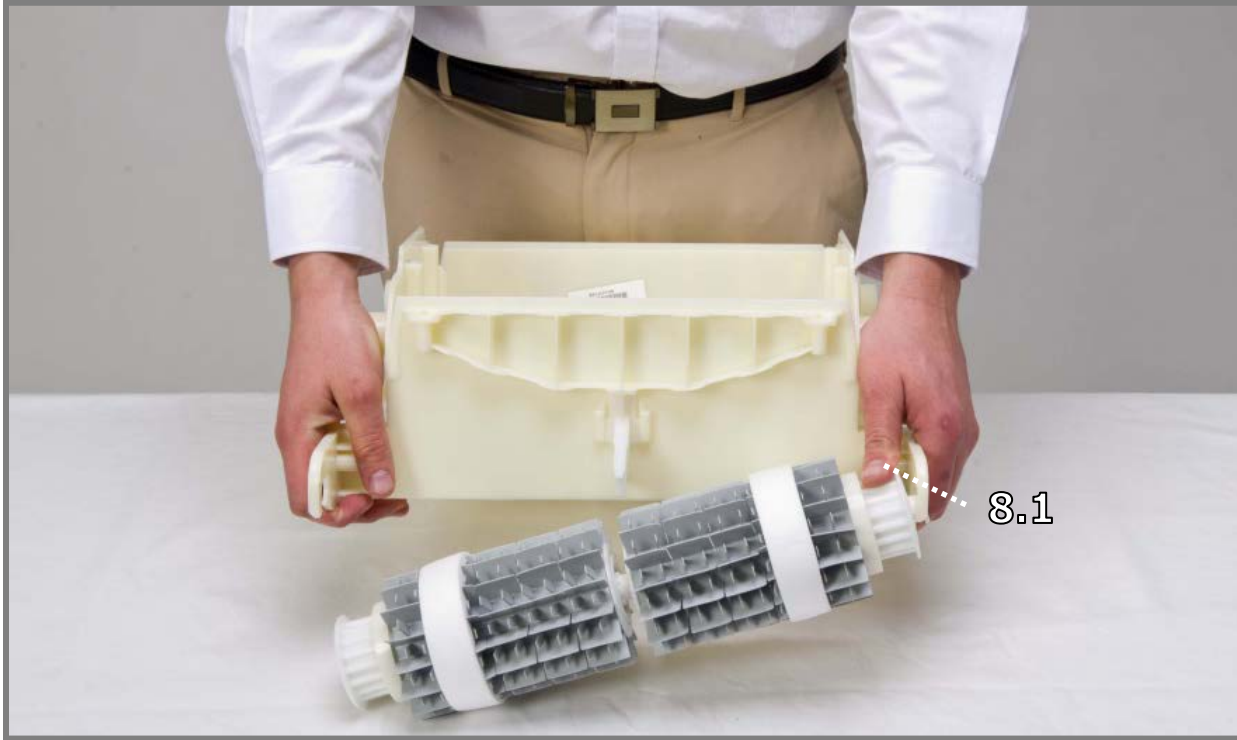


Step 7.3

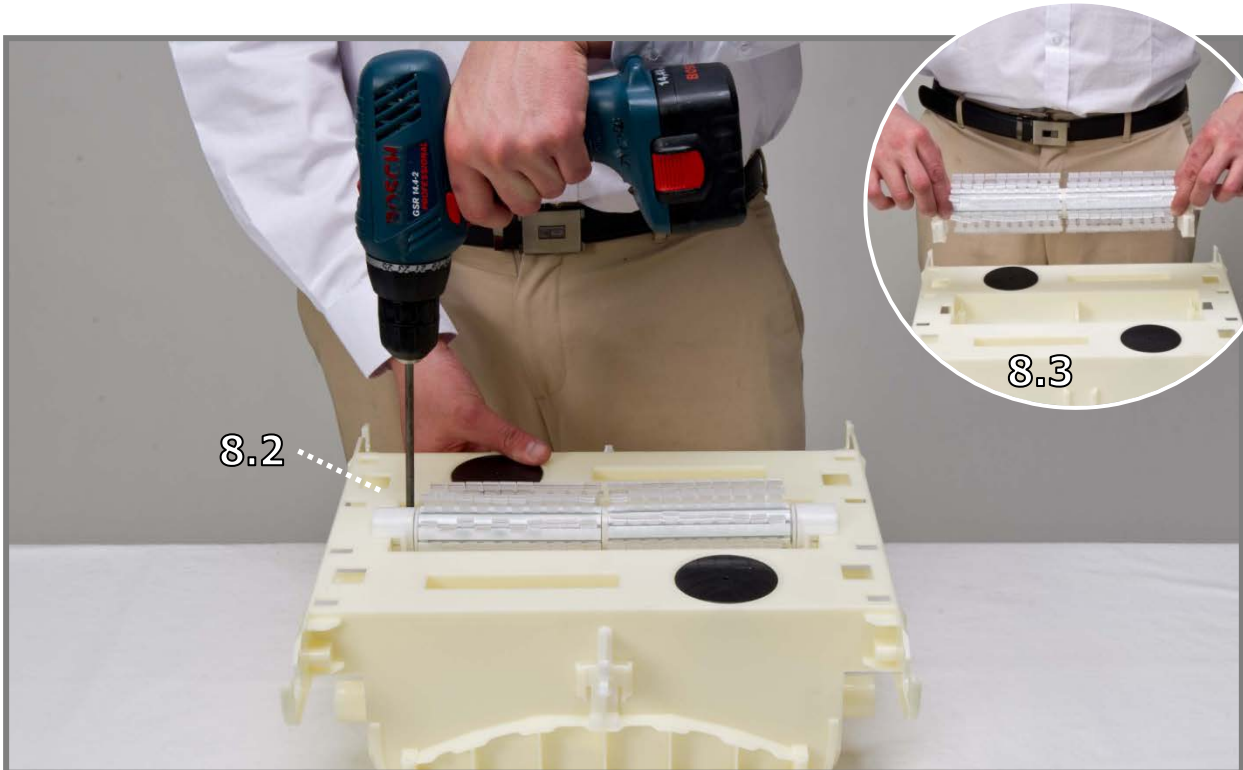
Remove the guide wheels.

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8. Dismantling the Brushes



Step 8.1
Remove the brushes.

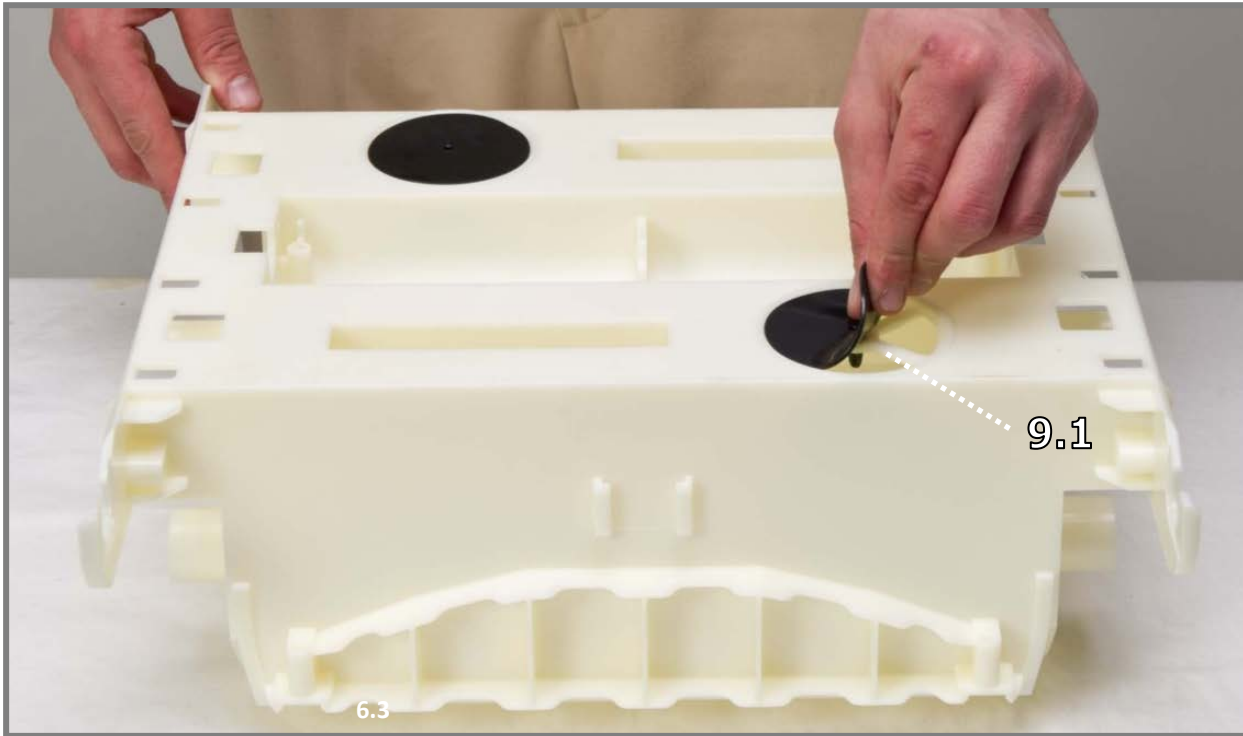


Step 8.2
Open the 4 screws holding the active brush in place.

Step 8.3
Remove the Active Brush.

Supreme M5 Disassembly Instructions

9. Dismantling the Diaphragms



Step 9.1
Remove the 2
diaphragms.