2.TOOLS YOU NEED



4 mm
Hex Key*

* Provided with the AirPick or EPick Vacuum Gripper Standard Kit.

3.MOUNTING

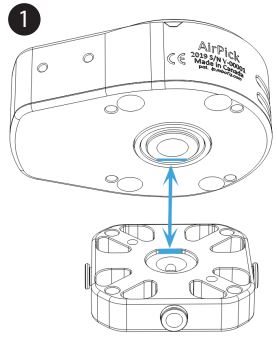
Before installing the manifold, make sure you have connected the vacuum generator to the Robot. For more details, please refer to the Vacuum Gripper Quick Start Guide.

Drawings in the Connector Assembly Guide illustrate the AirPick vacuum gripper. Follow the same steps to assemble your ePick vacuum gripper.

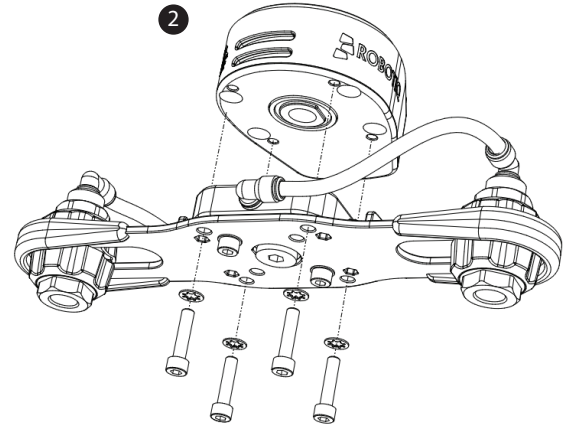
Prior to assembling, remove the single suction cup attached to the vacuum generator.

2 suction cups kit

A Mounting the manifold to the vacuum generator

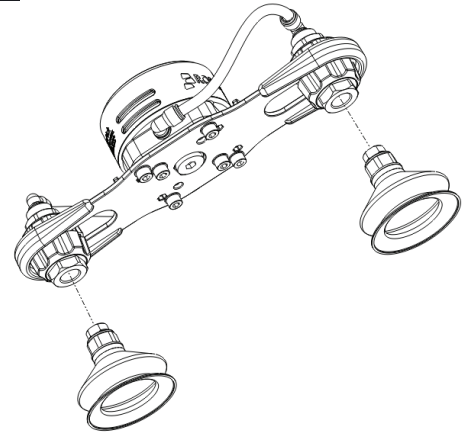


1- Align the flat surface of the manifold with the shoulder of the vacuum generator.



2- Secure manifold by inserting screws in a cross pattern to properly compress the O-ring of the generator.

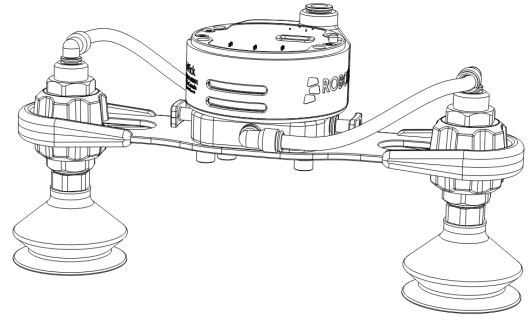
B Mounting suction cups



Insert each suction cup into a air node. Tighten cups by hand.

AirPick users, please refer to section 4

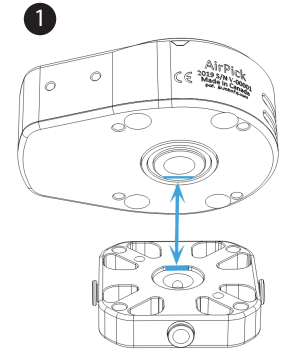
C Assembled 2 suction cups gripper



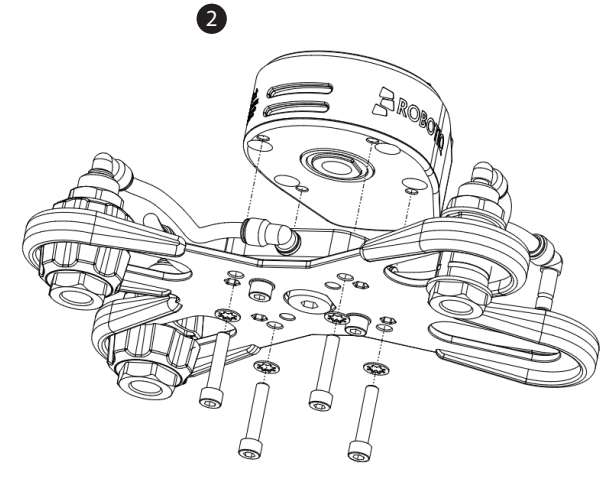
4 suction cups kit

A Mounting the manifold to the vacuum generator

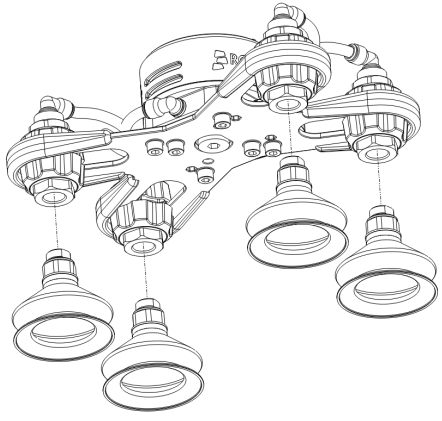
1- Align the flat surface of the manifold with the shoulder of the vacuum generator.



2- Secure manifold by inserting screws in a cross pattern to properly compress the O-ring of the generator.



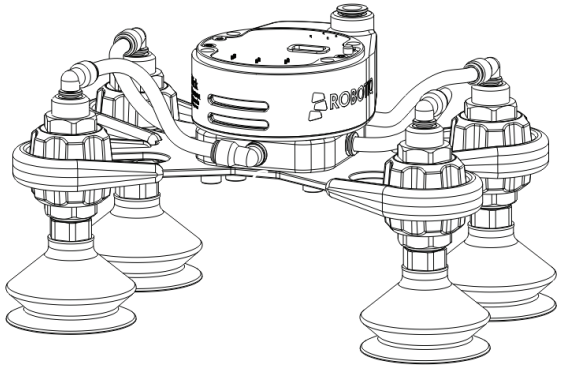
B Mounting suction cups



Insert each suction cup into a air node.
Tighten cups by hand.

AirPick users, please refer to section 4

C Assembled 4 suction cups gripper



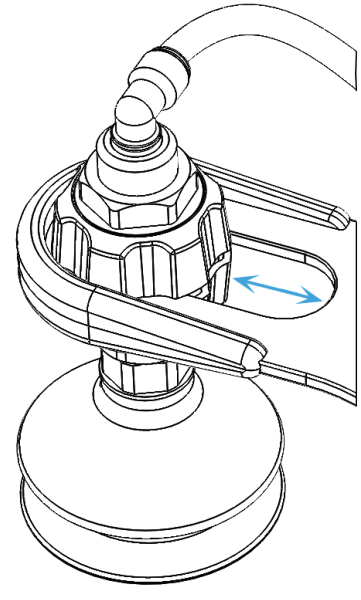
4.AirPick Specifications

To complete the pneumatic connection on AirPick:

- Connect a 8 mm air tube to the vacuum generator
- Provide enough tubing to allow full robot movement.

- Maximum pressure allowed is 7 bar (Recommended pressure is 7 bar).
- Use dry and filtered air only. Follow standard ISO 8573-1, class 3.4.3
- We recommend using a local pressure regulator with a filter and air dryer.

5.Additionnal information



To move air nodes, follow these steps:
1. Loosen air node.
2. Slide air node to the desired location.
3. Tighten the air node by hand.

support.robotiq.com

support@robotiq.com
T: 1.418.380.2788 ext. 3

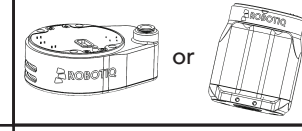
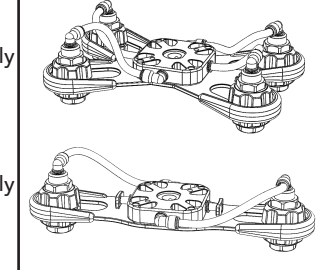
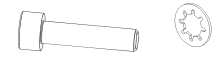
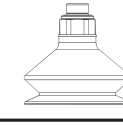
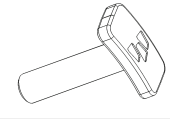
August 2021
X-990063-B

Connector Assembly Guide

This guide will allow you to **install your Suction Cup system**.

1.WHAT IS SUPPLIED?

Standard upon delivery of a kit:

Quantity	Description	Part
1*	Vacuum generator	
1	Manifold assembly (4 suction cups) or Manifold assembly (2 suction cups)	
4	Socket Cap Screw and toothlock washer (M5)	
4 or 8**	Suction cup	
2 or 4**	Air plug	
1*	4 mm Hex Key	

* From the Vacuum Gripper Standard Kit.
** Varies based on supplied kit.