

Attachment Redesign

UrinDX Attachment Module

Proposals

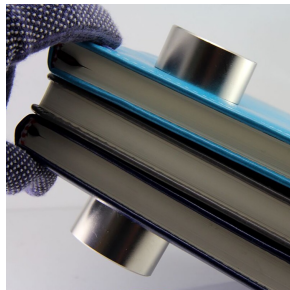
1. Mechanical Clamp



2. Suction Cup



3. Magnet

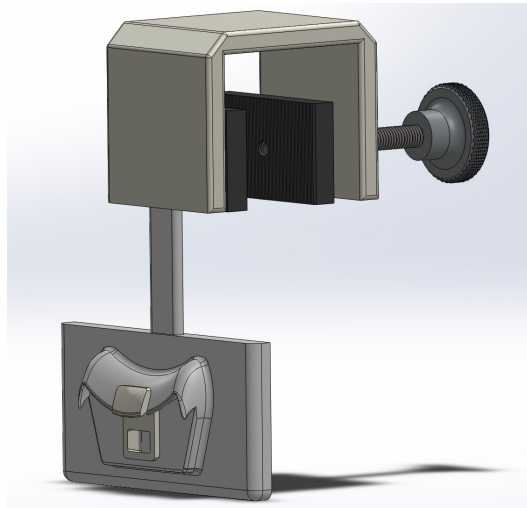


**Must hold 150g*

Final Selection

Overview of Concepts

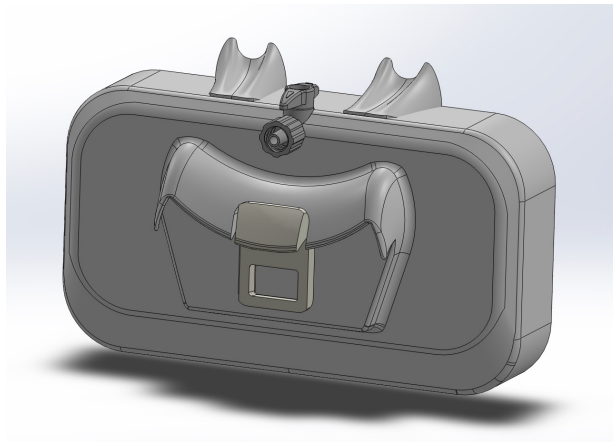
Mechanical Clamp Design



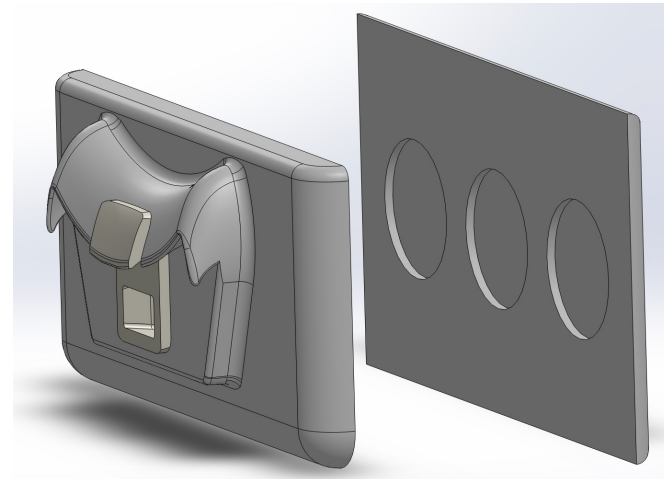
Scorpion Design



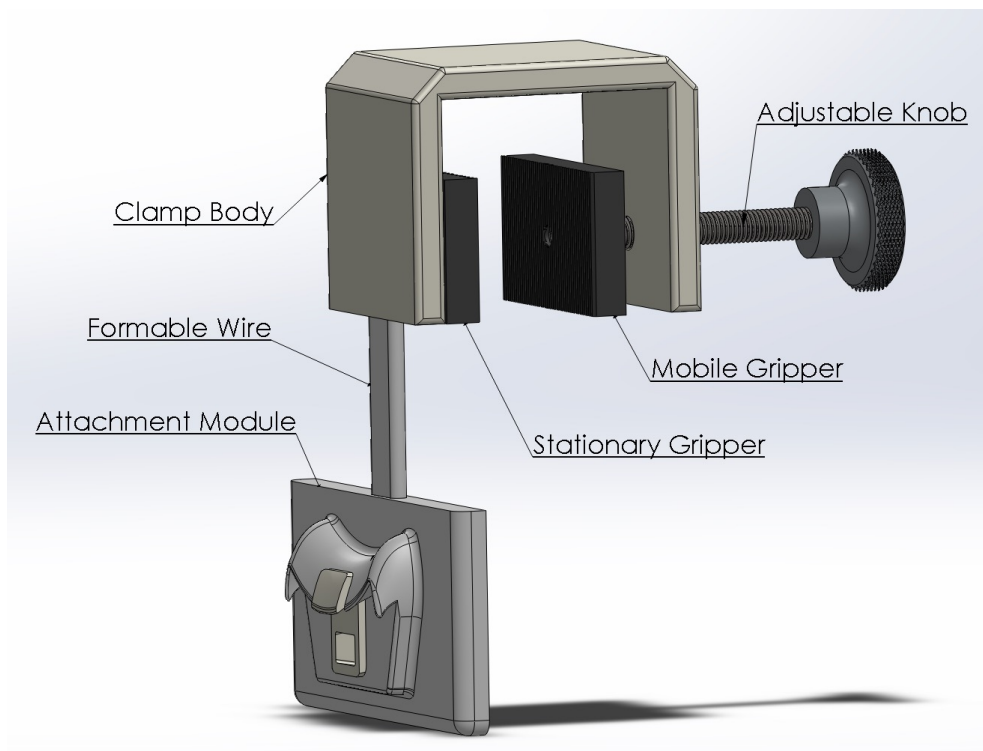
Interior Suction Cup Design



Magnetic Attachment Design

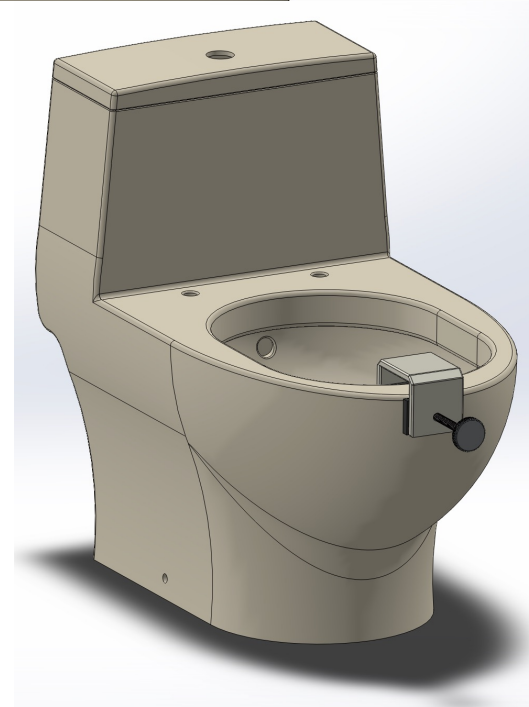
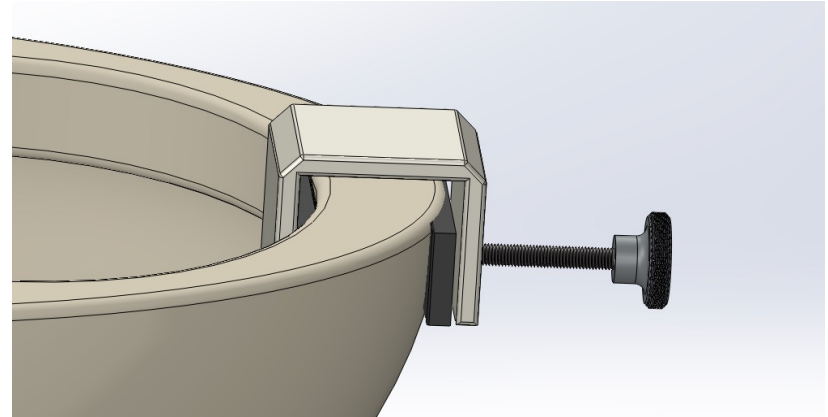
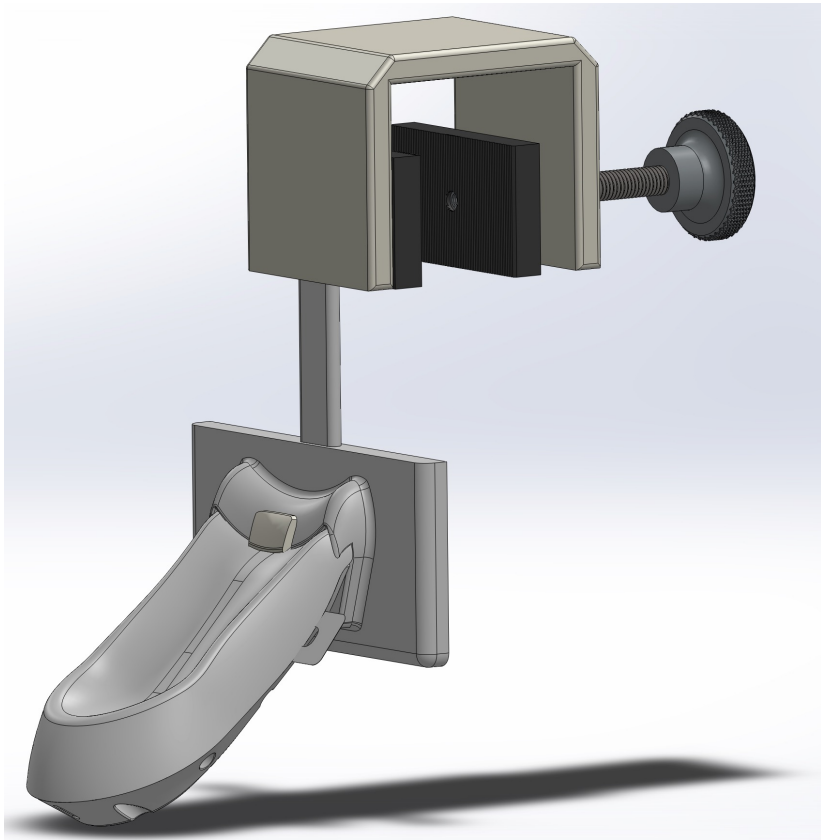


Mechanical Clamp

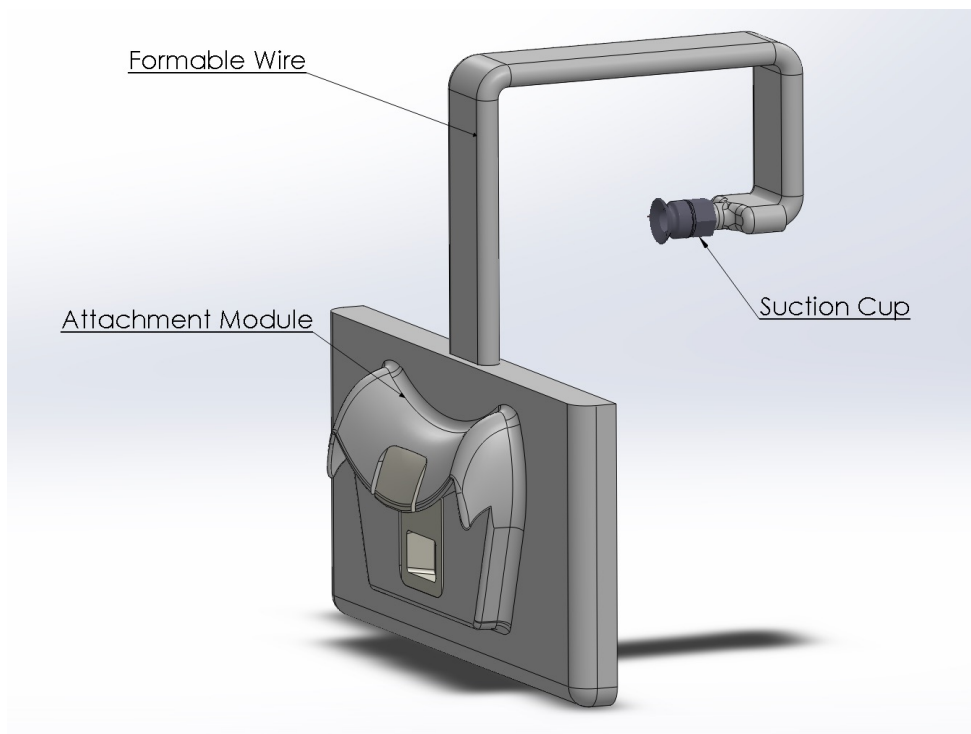


Item	Unit Cost
Knob	\$9.44
Wire	\$0.09
PMC-790 (Grippers)	\$2.38
VytaFlex 30 (Attachment Module + Wire Exterior)	\$2.83
Task 21 (Connector)	\$0.27
Total	\$15.01

Mechanical Clamp

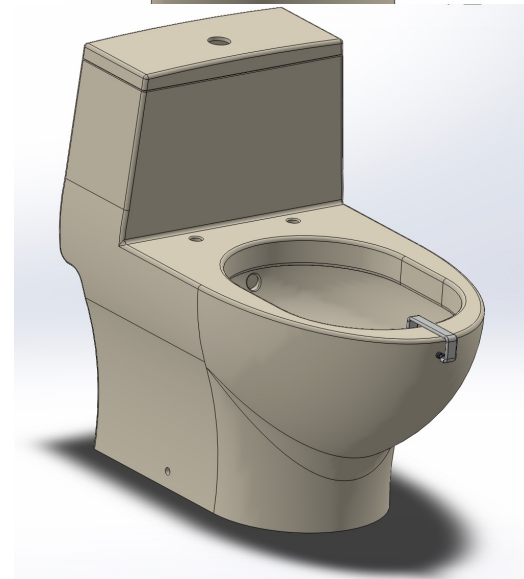
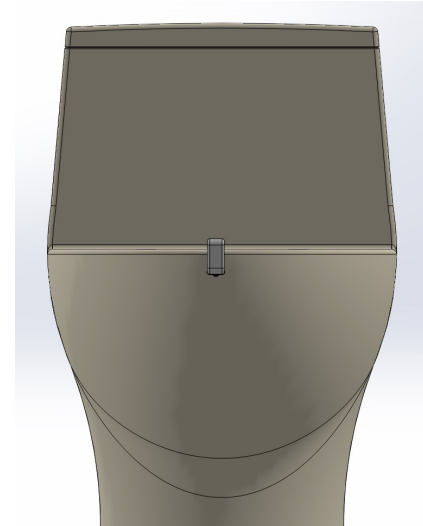
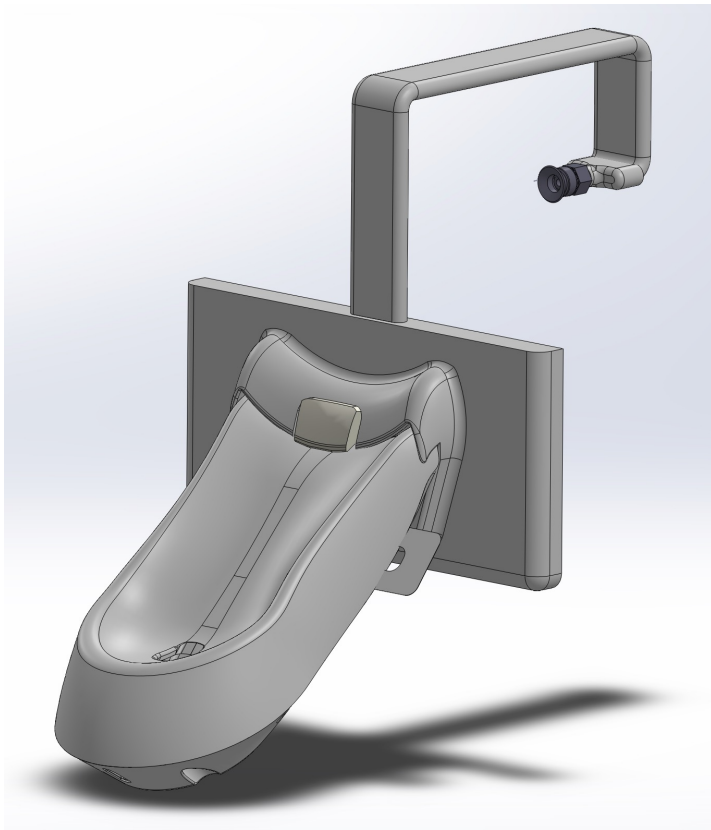


Scorpion Design

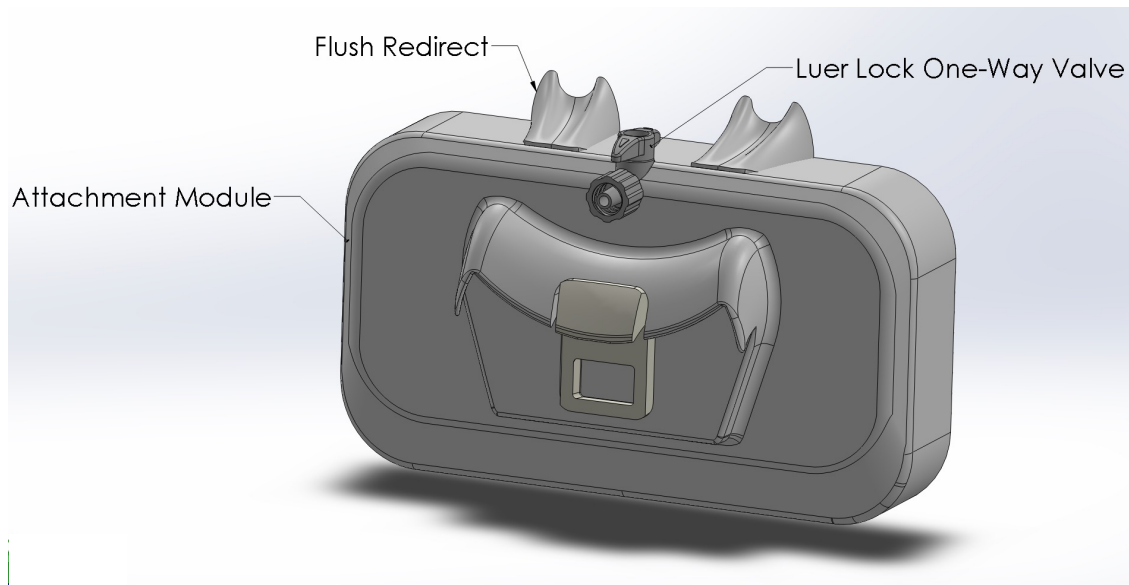


Item	Unit Cost
Suction Cup	\$11.37
Wire	\$3.70
VytaFlex 30 (Attachment Module + Wire Exterior)	\$2.72
Task 21 (Connector)	\$0.27
Total	\$18.06

Scorpion Design

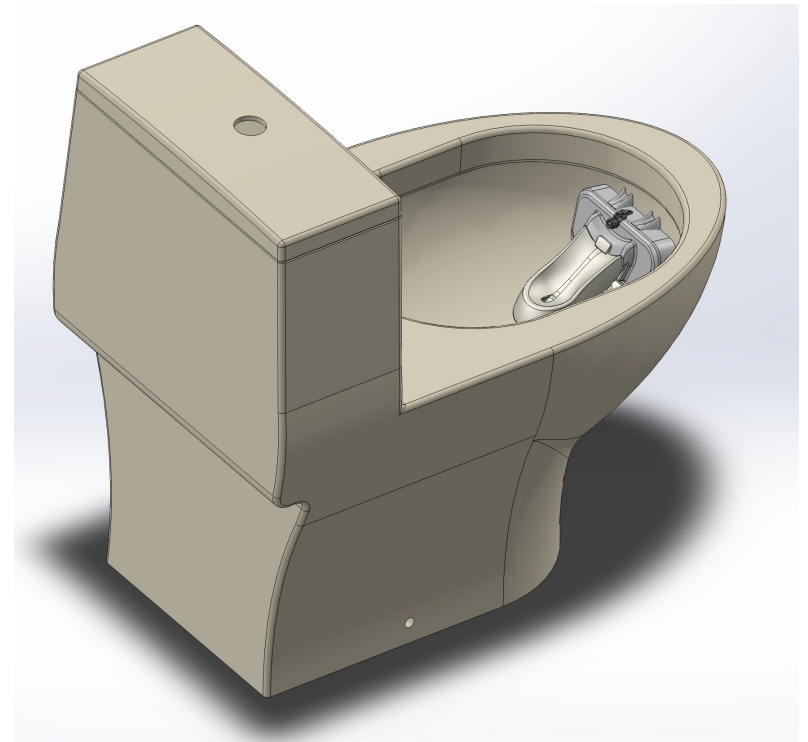
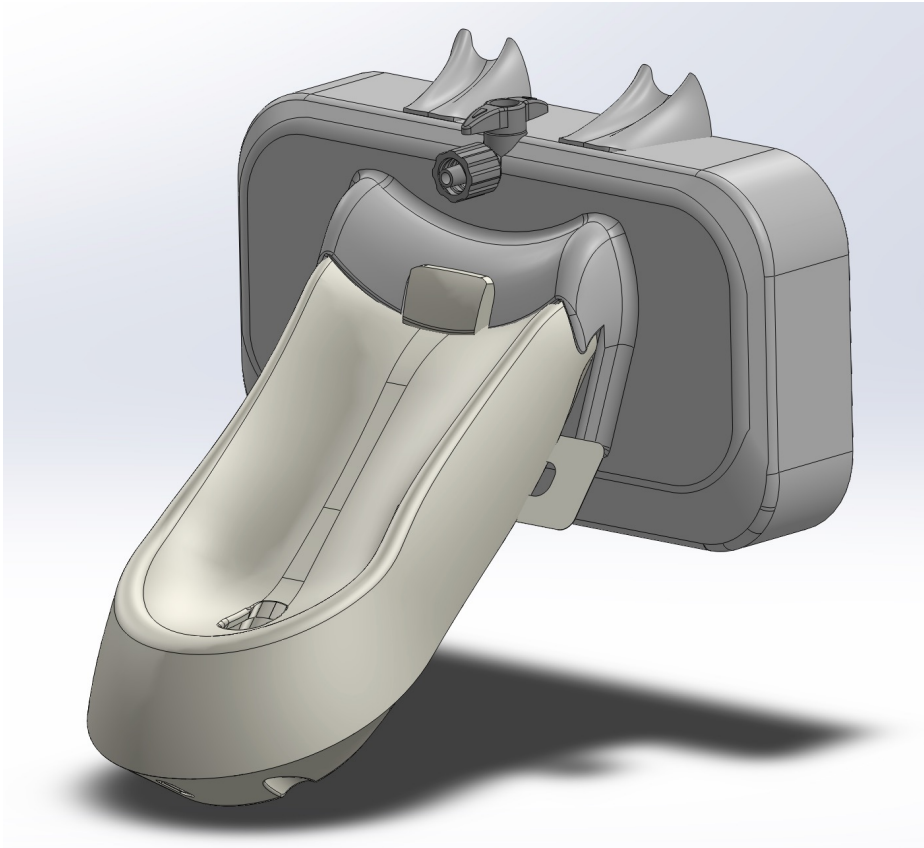


Suction Cup Interior Design

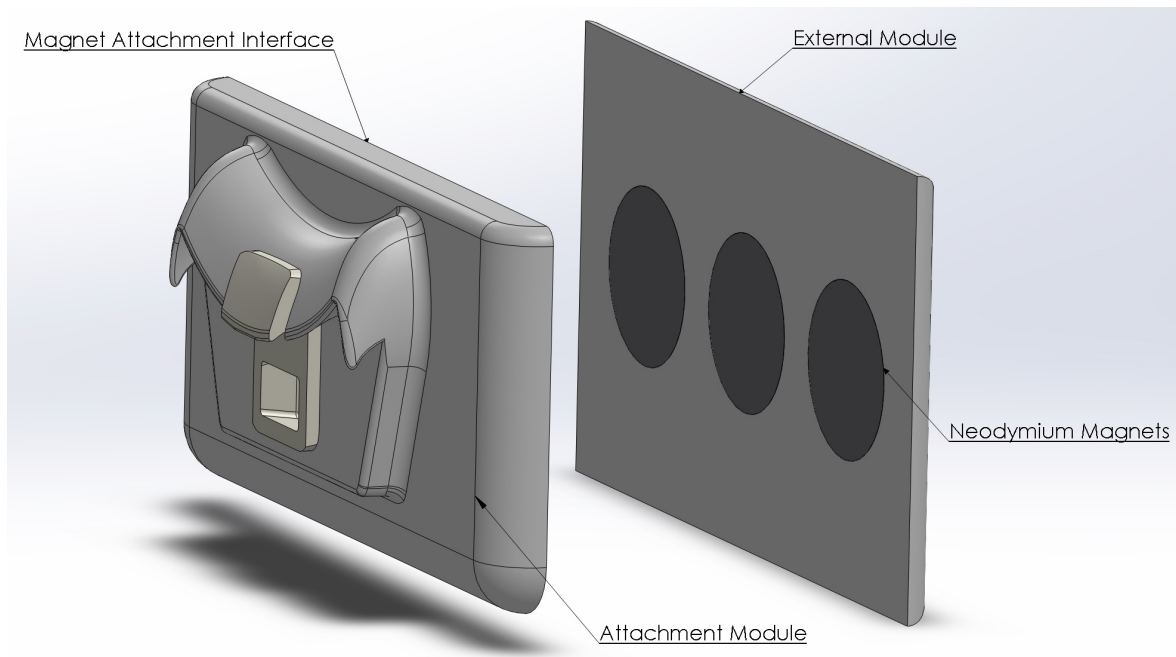


Item	Unit Cost
Luer Lock	\$2.66
VytaFlex 30 (Attachment Module)	\$2.37
Task 21 (Connector)	\$0.27
Total	\$5.65

Suction Cup Interior Design



Magnetic Attachment Design



Item	Unit Cost
Magnets	\$5.70
VytaFlex 30 (Soft Casing)	\$8.58
Task 21 (Connector)	\$0.27
Total	\$14.55

Magnetic Attachment Design

