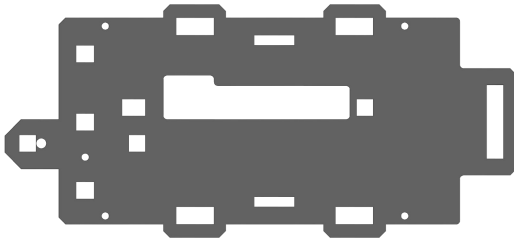
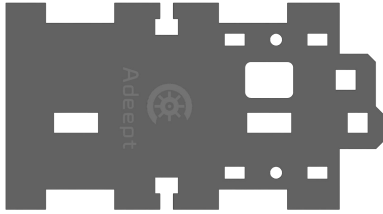



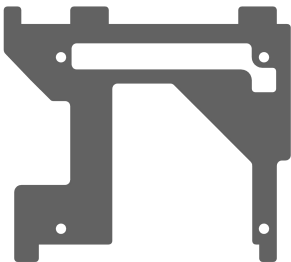
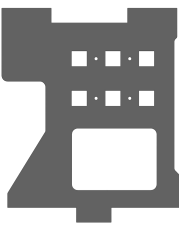


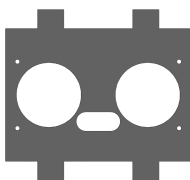
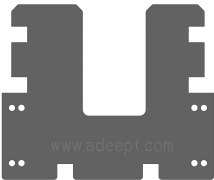

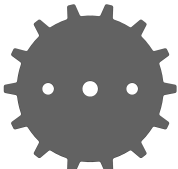
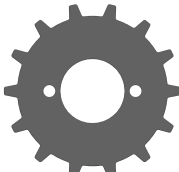





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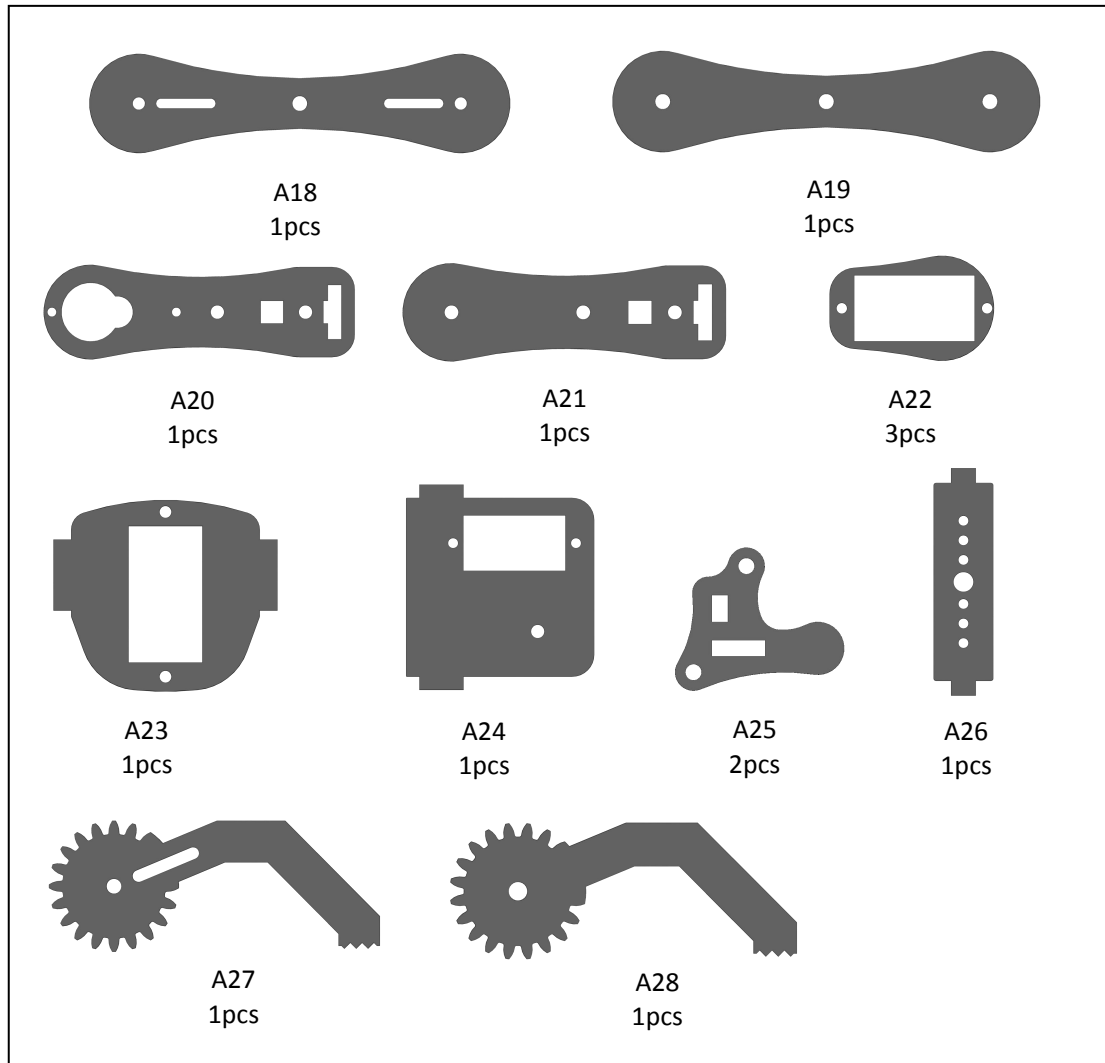
1.Components List.....	1
1.1.Acrylic Plates.....	1
1.2.Machinery Parts.....	3
1.3.Transmission Parts.....	4
1.4.Electronic Parts.....	4
1.5.Tools.....	6
1.6.Self-prepared Parts.....	6
2.Assembly.....	7
2.1.Preparations before Assembly.....	7
2.2. Servo debugging.....	9
2.3. Rocker arm assembly.....	16
2.4. Body part assembly.....	28
2.5. Track assembly.....	49
3. Software & Hardware.....	53
3.1. Software Installation.....	53
3.2. Download Program.....	58
3.3. Install Python3.7 in the PC.....	59
3.4. Run the RaspTank.....	61
4.Afterword.....	64

1.Components List

1.1.Acrylic Plates



				
A01 1pcs		A02 1pcs		
				
A03 1pcs		A04 1pcs		
				
A05 1pcs	A06 1pcs	A07 2pcs	A08 1pcs	A09 1pcs
				
A10 1pcs	A11 1pcs	A12 1pcs	A13 6pcs	
				
A14 2pcs	A15 4pcs	A16 1pcs	A17 1pcs	

1

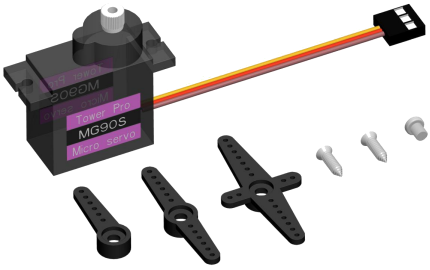
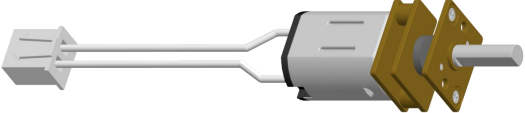








The acrylic plates are fragile, so please be careful when assembling them in case of breaking.
The acrylic plate is covered with a layer of protective film. You need to remove it first.
Some holes in the acrylic may have residues, so you need to clean them before the use.

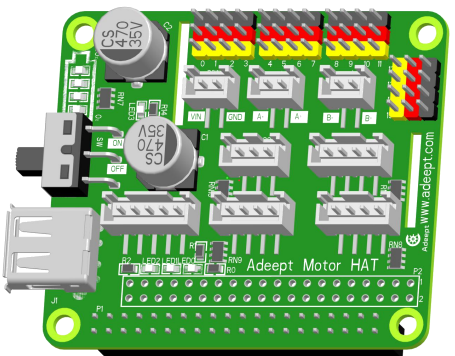
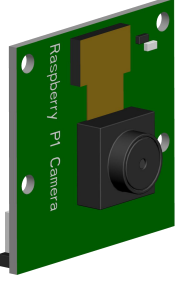
1.2.Machinery Parts

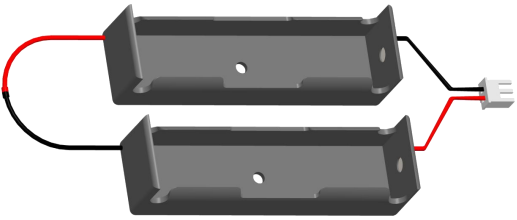
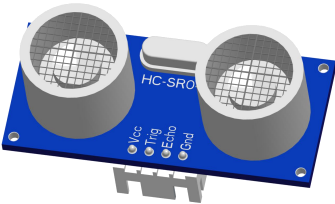








<p>M2 Nut</p>  <p>X14 www.adeept.com</p>	<p>M2.5 Nut</p>  <p>X4 www.adeept.com</p>	<p>M3 Nut</p>  <p>X12 www.adeept.com</p>	<p>M3 Lock Nut</p>  <p>X3 www.adeept.com</p>	<p>M2*10 Screw</p>  <p>X14 www.adeept.com</p>
<p>M2.5*4 Screw</p>  <p>X4 www.adeept.com</p>	<p>M2.5*8 Screw</p>  <p>X4 www.adeept.com</p>	<p>M3*8 Screw</p>  <p>X28 www.adeept.com</p>	<p>M3*12 Screw</p>  <p>X12 www.adeept.com</p>	<p>M3*18 Screw</p>  <p>X1 www.adeept.com</p>
<p>M3*30 Screw</p>  <p>X2 www.adeept.com</p>	<p>M4*6 Screw</p>  <p>X2 www.adeept.com</p>	<p>M3*10 Countersunk Head Screw</p>  <p>X2 www.adeept.com</p>	<p>M1.4*6 Self-tapping Screw</p>  <p>X16 www.adeept.com</p>	<p>M2.5*4+6 Copper Standoff</p>  <p>X8 www.adeept.com</p>
<p>M3*6 Copper Standoff</p>  <p>X2 www.adeept.com</p>	<p>M3*8 Copper Standoff</p>  <p>X1 www.adeept.com</p>	<p>M3*18 Copper Standoff</p>  <p>X8 www.adeept.com</p>	<p>M3*35 Copper Standoff</p>  <p>X2 www.adeept.com</p>	<p>M3*30 Nylon Standoff</p>  <p>X1 www.adeept.com</p>
<p>M3*40 Nylon Standoff</p>  <p>X2 www.adeept.com</p>				

1.3. Transmission Parts


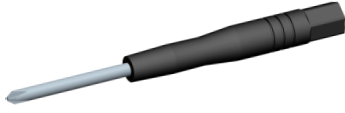
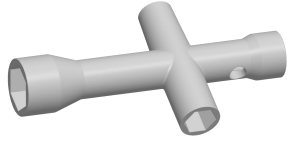



<p>Servo x5</p> 	<p>GA12-N20 Gear Motor x2</p> 
<p>Motor Seat Set x2</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>N20 Motor Seat X 1</p> </div> <div style="text-align: center;">  <p>M2*10 Screw-B X 2</p> </div> <div style="text-align: center;">  <p>M2 Nut-B X 2</p> </div> </div>	
<p>S12D3 Coupling Set x2</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>S12D3 Coupling x1</p> </div> <div style="text-align: center;">  <p>M4*4 Locking Screw x2</p> </div> </div>	
<p>Track x2</p> 	

1.4. Electronic Parts

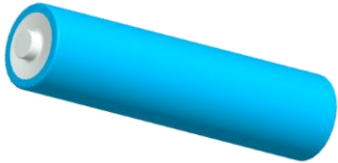
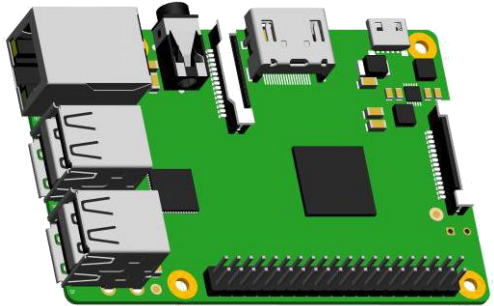
<p>Adept Motor HAT X1</p> 	<p>Raspberry Pi Camera X1</p> 
---	--

<p>18650 Battery Holder Set X1</p> 	<p>Adept Ultrasonic Module X1</p> 
<p>3 Tracking Module X1</p> 	<p>Car Light X4</p> 
<p>Raspberry Pi Camera Ribbon X1</p> 	
<p>3-Pin Wire -A X3</p> 	
<p>3-Pin Wire -B X1</p> 	
<p>4-Pin Wire X1</p> 	
<p>5-Pin Wire X1</p> 	
<p>Servo Extension Cable X1</p> 	

1.5.Tools

Hex Wrench-2.0mm X1 	Cross Screwdriver X1 	Cross Socket Wrench X1 
Large Cross-head Screwdriver X1 		
Winding Pipe X1 		
Ribbon X1 		

1.6.Self-prepared Parts

18650 Battery X2 	Raspberry Pi X1 
---	---

18650 battery specification:

It is recommended to use lithium battery above 3000mAh and without overcurrent protection. The power supply current requirement is above 3A. Using 18650 lithium battery with overcurrent protection function, 18650 battery whose capacity is less than 1700mAh, 18650 battery specially for strong-light flashlight, 18650 battery with power shortage or counterfeit lithium battery produced by informal manufacturers will cause the unstable work of the robot, power cut and even damage to the Raspberry Pi and robot.

The robot can be turned on normally, but the Raspberry Pi will automatically restart or shut down after, also because of the problem caused by the 18650 battery.