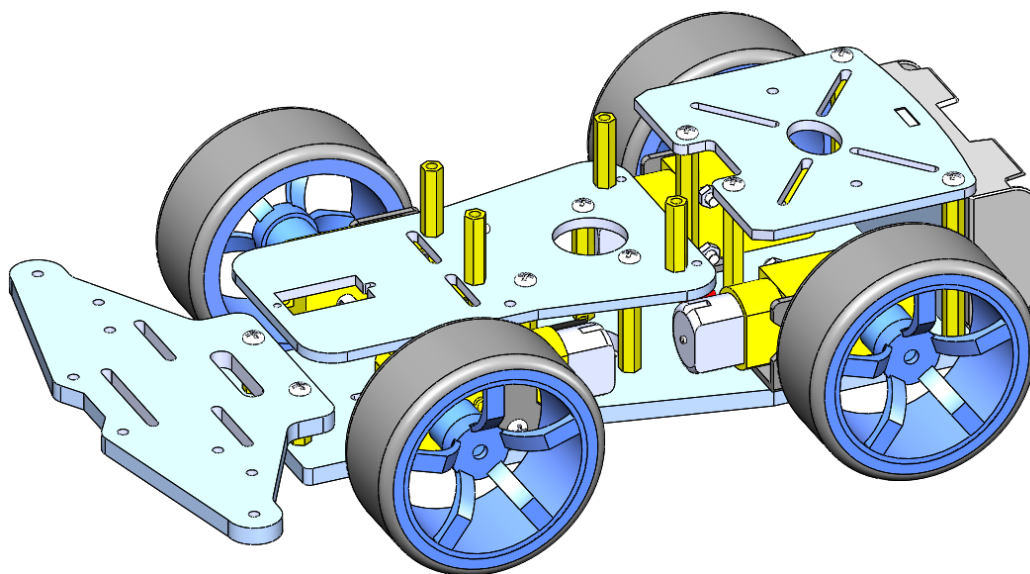


4WD Car Frame









WWW.COKOINO.COM

1


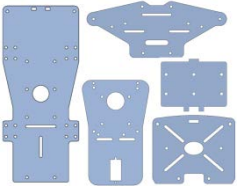
IT MAY BE MORE INTERESTING

1. Parts List



1.1 Connecting/Fixing Parts

Picture	Name	Description	Qty
	screw	M3*10MM round screw	28
	screw	M3*25 countersunk head screw	9
	screw	M3*8 countersunk head screw	3
	screw	M3*8 round screw	4
	nut	M3 nut	10
	nut	M3 self-locking nuts	9

	copper pillar	M3*20 double pass copper pillar	4
	copper pillar	M3*10 double pass copper pillar	2
	copper pillar	M3*30MM double pass copper pillar	4
	copper pillar	M3*45 double pass copper pillar	4
	battery case	18650 battery case	1
	motor	TT motor-dual axis reduction ratio 1:48	4
	bracket	TT motor metal bracket	4

	wheel	TT motor wheel	4
	acrylic structural parts	4WD car base acrylic structural parts	1


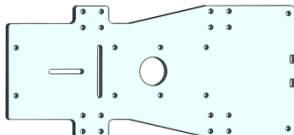



1.2 Tool

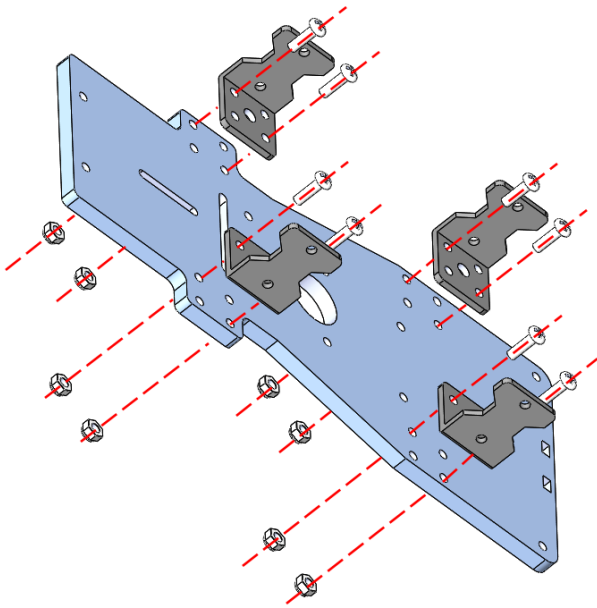
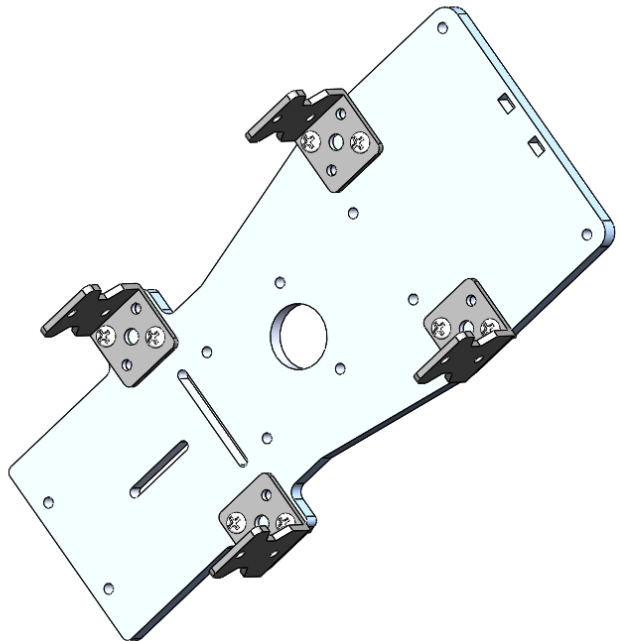

Picture	Name	Description	Qty
	wrench	M3 Simple Wrench	1
	screwdriver	M3 Phillips screwdriver	1

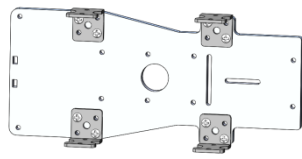



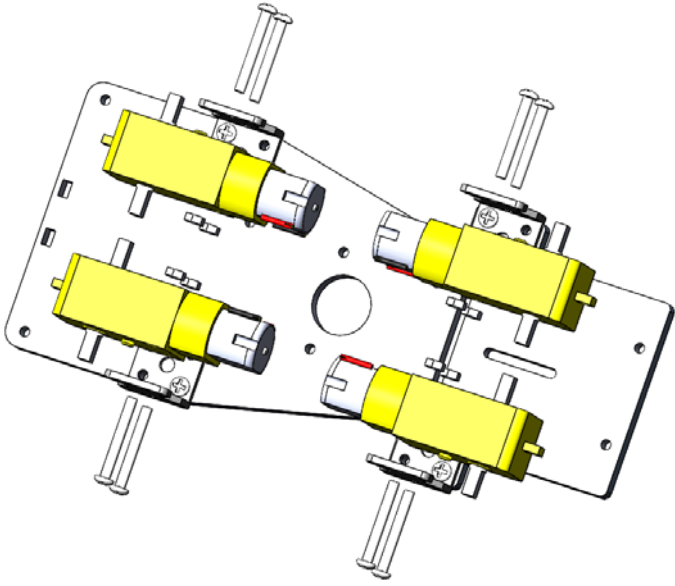
2. Assemble and Install

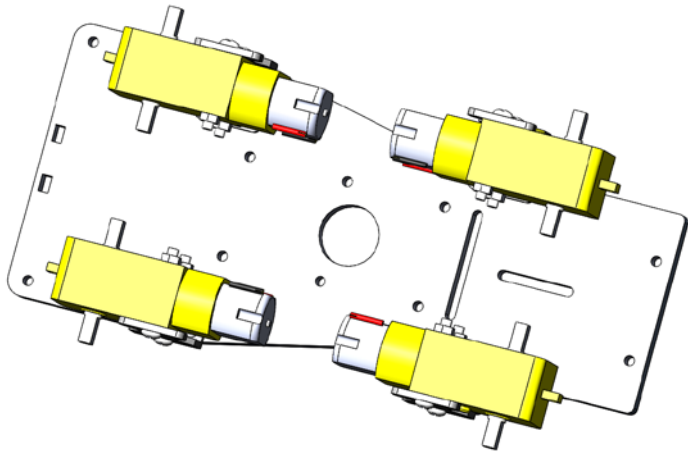

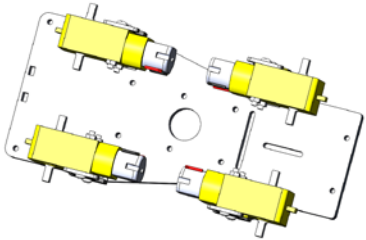

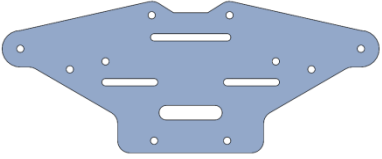
2.1 Assembly steps


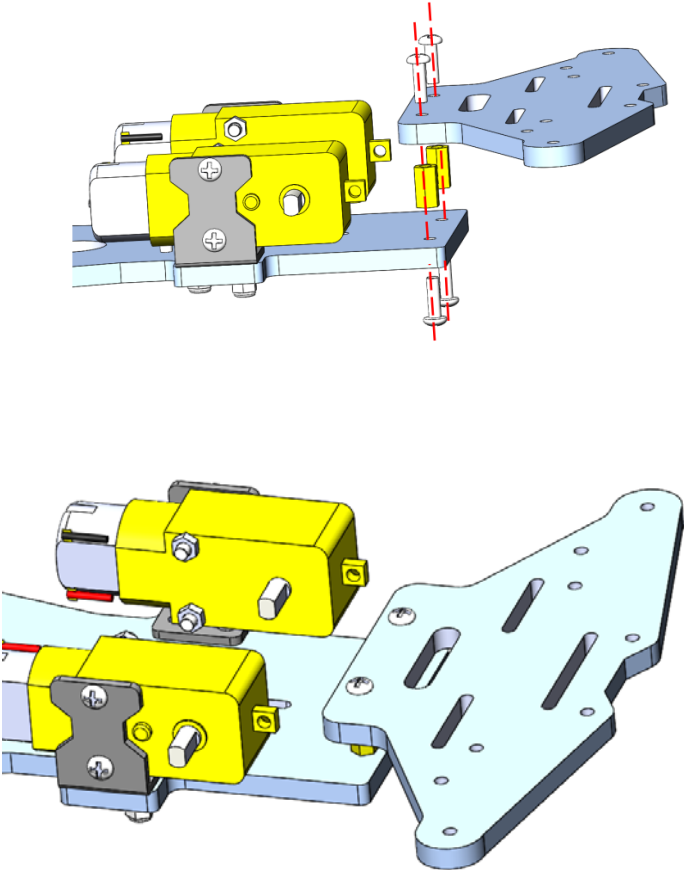
Note: 1. Before assembly, we need to use a screwdriver to peel off the protective paper of the acrylic structure;

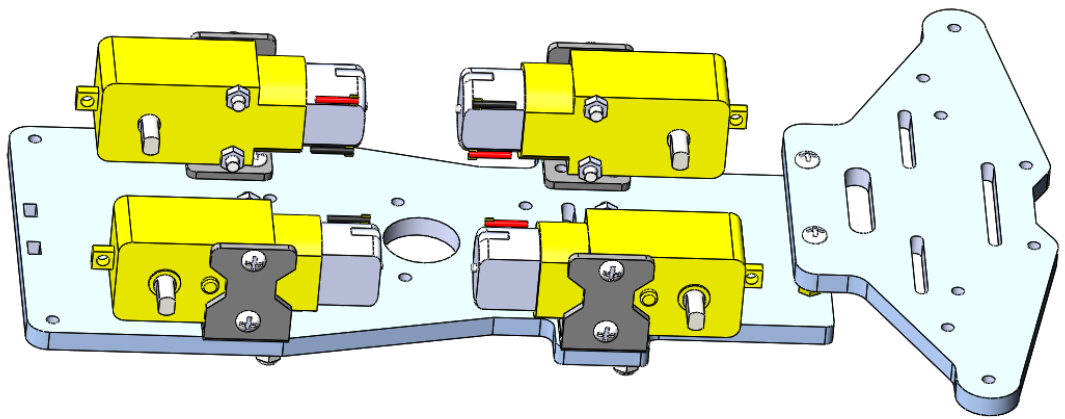
Step	1	Assemble the bracket and the structure A		Tool	M3 Phillips screwdriver
					
List	Part Name	Quantity	Unit	Picture	
	structure A	1	PCS		
	bracket	4	PCS		
	M3 self-locking nut	8	PCS		
	M3*10 round head screw	8	PCS		


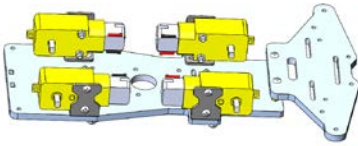

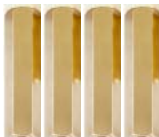

	Description			Demo	
A	<p>1. Use M3*10 round head screws and M3 self-locking nuts to fix the bracket on the structural member A;</p> <p>Pay attention to the installation direction of the bracket;</p>				
					
Step	2	Install the TT motor		Tool	M3 Phillips screwdriver
					
	Part Name	Quantity	Unit	Picture	

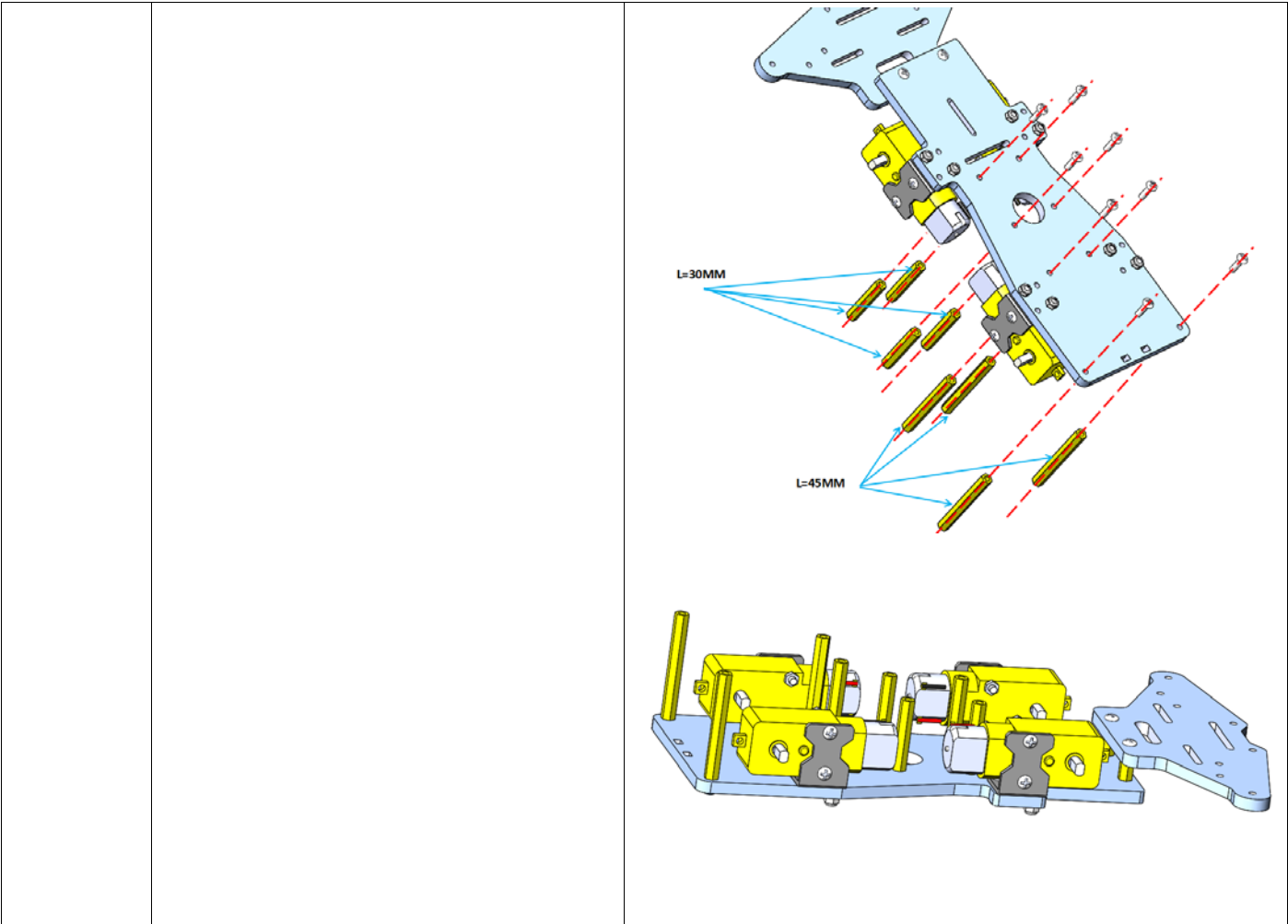
List	Step 1 part	1	PCS	
	TT motor	4	PCS	
	M3 nut	8	PCS	
	M3*25M M screw	8	PCS	
	Description			Demo
A	<p>1. Use M3*25 screws and M3 nuts to install the TT motor on the bracket of step 1 part (pay attention to the installation direction of the TT motor);</p>			


					
Step	3		Install Step 2 part with structure A	Tool	M3 Phillips screwdriver 
List	Part Name	Quantity	Unit	Picture	
	Step 2 part	1	PCS		
	M3*10 double pass copper column	2	PCS		
	structure B	1	PCS		

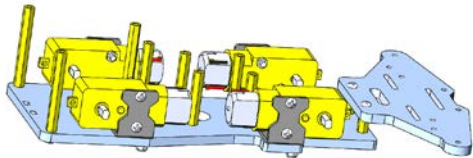
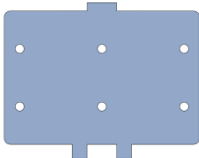
	M3*8 round screw	4	PCS	
	Description		Demo	
A	<p>1. Use M3*8MM round head screws to fix the M3*10 double-pass copper column to structure A (pay attention to the installation direction of the copper column);</p> <p>2. Use M3*8mm round head screws to fix structure B on the copper column;</p>			

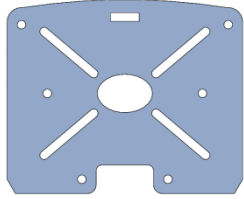






Step	4	Install copper pillars		Tool	M3 Phillips screwdriver
					
List	Part Name	Quantity	Unit	Picture	
	Step 3 part	1	PCS		
	M3*45 copper pillar	4	PCS		
	M3*30 copper pillar	4	PCS		
	M3*10 round head screw	8	PCS		
	Description			Demo	
A	<p>1. Use M3*10 round head screws to fix the M3*45 copper column and the M3*30 copper column on the structural member A in turn;</p> <p>Pay attention to the installation direction of the copper column;</p>				



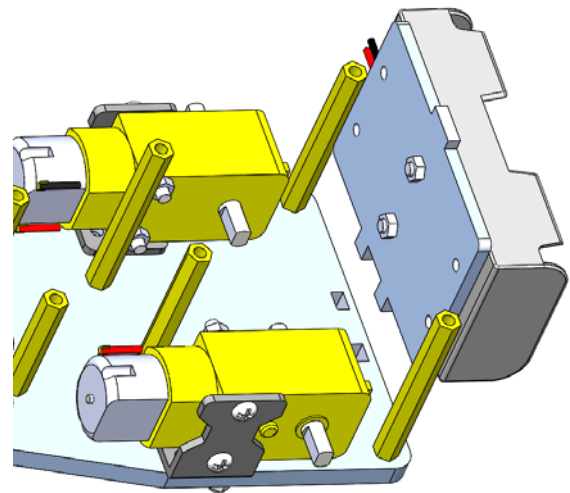
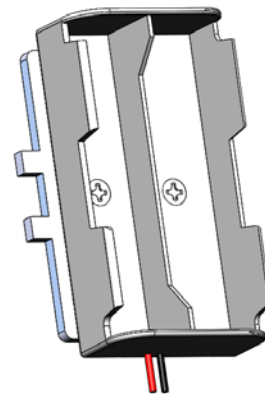
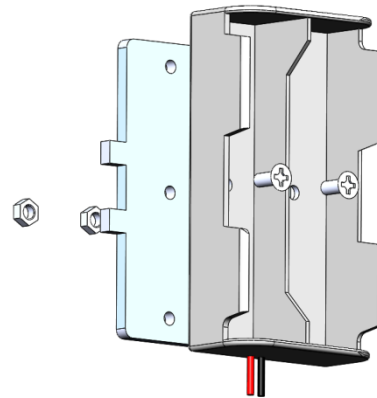
Step	5	Install the battery case	Tool	M3 Phillips screwdriver
				

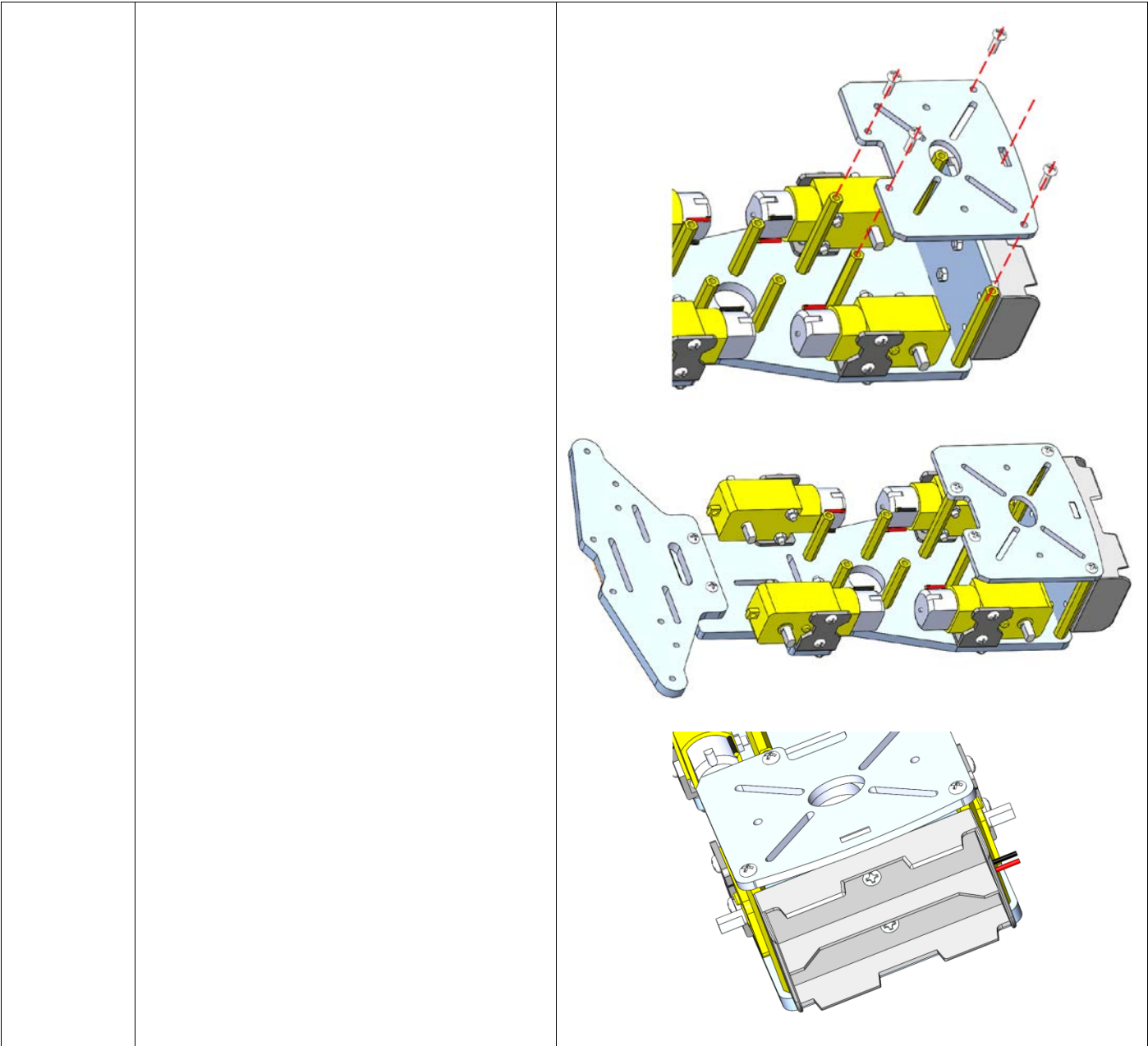
List	Part Name	Quantity	Unit	Picture
	Step 4 part	1	PCS	
	Structural C	1	PCS	


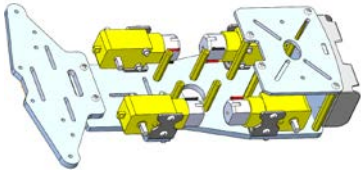
	Structural D	1	PCS	
	M3 nut	2	PCS	
	M3*8M M screw	2	PCS	
	M3*10 round screw	4	PCS	
	Battery case	1	PCS	
	Description			Demo
A	<p>1. Use M3*8 countersunk head screws to fix the 18650 battery case on the structure C (pay attention to the installation direction of the battery case);</p>			


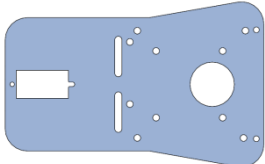

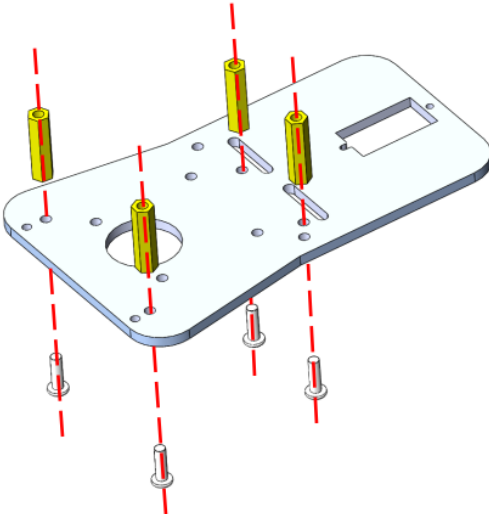
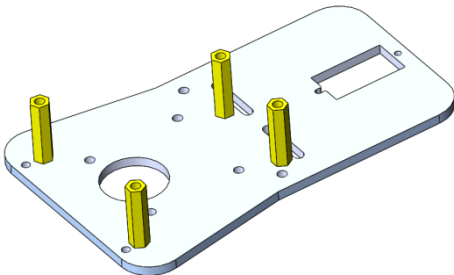
2. Install the part completed in the previous step on the step 4 part;

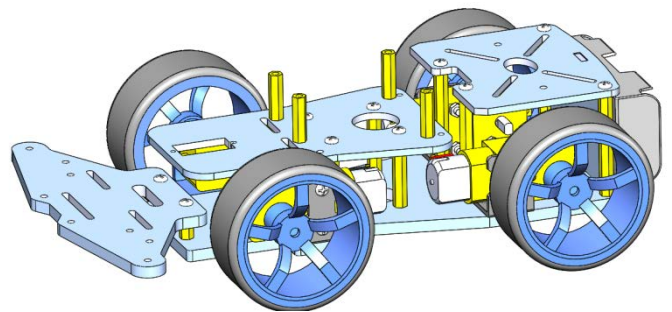
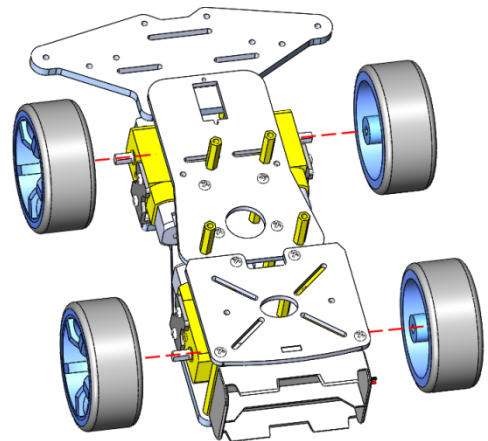
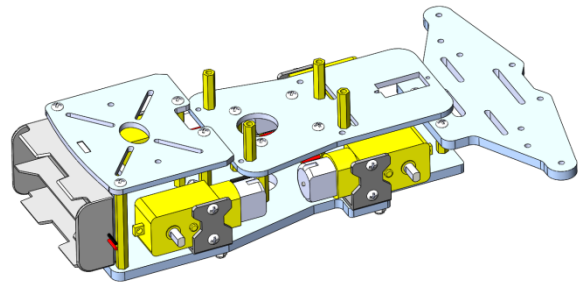
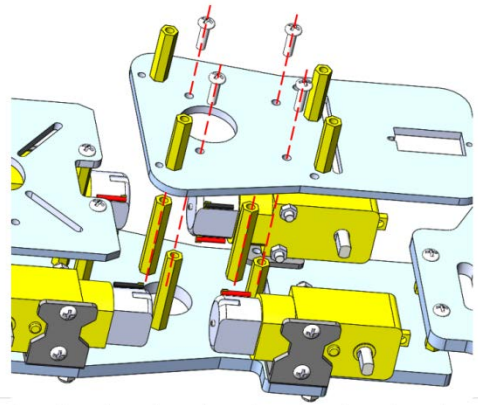
3. Use M3*10 round head screws to fix the structural part D on the M3*45 copper column; (at the same time, pay attention to the combination of structural part C and structural part D)





Step	6	Assemble structural E and wheels		Tool	M3 Phillips screwdriver
					
List	Part Name	Quantity	Unit	Picture	
	Step 5 part	1	PCS		

	M3*20 double pass copper column	4	PCS	
	Structure E	1	PCS	
	M3*10 round head screw	8	PCS	
	Description			Demo
A	<p>1. Use M3*10MM round head screws to fix the M3*20 double-pass copper column to the structure E (pay attention to the installation direction of the copper column);</p> <p>2. Pass the TT motor wire through the round hole of the structural member E; (not shown in the assembly tutorial)</p> <p>3. Use M3*10mm round head screws to fix the part completed in the previous step on the step 5 part;</p> <p>4. Install the wheels;</p>			 



Congratulations, a 4WD smart car chassis has been installed!

