

Note-

- 1.....ScrewMounting.....ScrewRear.....ScrewRear
.....Screw
2.....Screw...Front.....



Install.....Pcs....Screw·Outer·

No....Assembly...Hand.....



AssemblyHand.....Pcs.....Screw·

·PcsName	Quantity
DM340p Motor	3 个
atom Hand·- 副本（1）	1 个
atom Hand·- 副本（2）	2 个
atom Hand·- 副本（3）	2 个
atom Hand·- 副本（4）	1 个
m3*8 ..Screw	12 个
m3*10 ..Screw	12 个
m3*10 ..Screw	12 个
m3*16 ..Screw	24 个

表 1 ...Hand.....Assembly·Pcs·Quantity

Step 1:

Assembly Hand 副本（3）与 DM340p Motor... 1.1、图 1.2、图 1.3 所示。将 DM340p Motor·
入 atom Hand 副本（3·Middle...Rear.. m3*8 ..ScrewMounting...
Total· m3*8 ..Screw 6 ...NoteMotor..... 1.3）



图 1.1 AssemblyFront



图 1.2 AssemblyRear



图 1.3 接口位置示意图

Step 2:

AssemblyFront 副本 (4), 如图 2.1 所示。将 atom Hand 副本 (4) 连接在 atom Hand 副本 (3-Middle-InstallMotor...Side....Pcs..Rear- m3*10 ..ScrewMounting- Total.. m3*10 ..Screw 12 个。



图 2.1 AssemblyFront



图 2.2 AssemblyRear

Step 3:

AssemblyFront 副本 (3) 与 DM340p Motor... 3 ...Step 3 .Step 1 完全相同, 将 DM340p Motor.. atom Hand 副本 (3-Middle...Rear.. m3*8 ..ScrewMounting... Total.. m3*8 ..Screw 6 个。



图 3 AssemblyRear

Step 4:

Assembly 1. Assembly..atom Hand 副本 (1), 如 4.1、4.2Assembly-Middle- atom Hand 副本 (4) 与 atom Hand 副本 (1-MiddleOuterSide.....Rear.. m3*16 ..ScrewMounting- Total.. m3*16 ..Screw 6 个。



图 4.1 AssemblyFront



图 4.2 AssemblyRear

Step 5:

Assembly DM340p Motor-Upper-Assembly-M Hand 副本 (1-Middle... 5.1、5.2 所示。将 atom Hand- 副本 (1) 的另一端与 DM340p Motor....Rear.. m3*10 ..ScrewMounting- Total.. m3*10 ..Screw 6 个。



图 5.1 AssemblyFront



图 5.2 AssemblyRear

Step 6:

Assembly Hand 副本 (2..Step 2 Middle...Assembly.... 6.1、6.2 所示。先采用 m3*16 杯头螺 6.1、6.2 所示。先采用 m3*16 杯头螺 DM340p Mounting- m3*10 ..Screw- Total.. m3*16 ..ScrewTotal6 个。



图 6.1 AssemblyFront



图 6.2 AssemblyRear

Step 7:

Assembly 6 · Assembly · Step 5 · Assembly · 7.1、7.2 Step 6 Assembly · Middle Hand ·
副本 (2) Step 5 Assembly · Middle Hand 副本 (1) · Motor ·
Total · m3*16 .. Screw Mounting · Total · m3*16 .. Screw 6 个。



图 7.1 AssemblyFront



图 7.2 AssemblyRear

Step 8:

Assembly 7 · Assembly · atom Hand 副本 (2), 如图 8 Assembly · Middle · Motor ·
atom Hand 副本 (2) · Mounting ·
Total · m3*16 .. Screw Total 6 个。



图 8 AssemblyFront

Hand · Assembly · Step · Hand ·



图 9 Hand · Assembly ·

No.....Assembly.....



Assembly.....Pcs.....Screw.

.PcsName	Quantity
DM-J10010L Motor	1 个
DM4340p Motor	2 个
..JointBearing	4 个
Universal...Bearing	1 个
Foot.....Pcs	1 个
Lower LegBearing.	2 个
FootBottomLink	1 个
FootBottom.	1 个
OutputFlangeLink	2 个
....Bearing	1 个
LimitPin	2 个
m4*8 ..Screw	12 个
m3*8 ..Screw	12 个
m5*10 ..Screw	4 个
m5*12 ..Screw	10 个
m3*12 ..Screw	10 个
m5*16 ..Screw	4 个
m5*10 ..Screw	9 个
m4*14 ..Screw	2 个

表 2Assembly.Pcs.Quantity

Step 1:

AssemblyThighInnerSide DM-J10010L Motor... 1.1、1.2Pcs-Motor.....
..Motor..... DM-J10010L-2EC.....Lower..Rear...
m4*12 ...Screw.....Upper m4*8 ..Screw.....Rear...
定位用的 m4*12 .Screw..... m4*8 ..Screw.
Total.. 8 个 m4*8 ..Screw.



图 1.1 AssemblyFront



图 1.2 AssemblyRear

Step 2:

2.1、2.2 所示。将 2 个 DM4340p Motor... Lower Leg...
UpperLower.....Rear.. m3*8 ..Screw....No....Assembly....Rear....
 (即先采用 m3*12 ..Screw.....Upper m3*8 ..Screw.....
 ..Rear..... m3*12 ..Screw..... m3*8 ..Screw..
 Total.. 12 个 m3*8 ..Screw...Motor 6 个。



图 2.1 AssemblyFront



图 2.2 AssemblyRear

Step 3:

Assembly...Link... 4 ...JointBearing... 3.1、3.2、3.3Link..
 ..Inner.....Hand... 4 ...JointBearing..Link...Link....JointBearing..Note
 ..Hand.....Bottom...



图 3.1 AssemblyFront

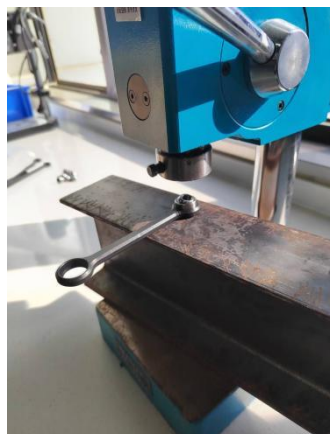


图 3.2 Hand..Assembly...



图 3.3 AssemblyRear.....

Step 4:

AssemblyUniversal...Bearing·Foot.....Pcs... 4.1 至 4.4Lower·Bearing.....
Bearing...Rear·Hand.....Bearing.....Foot.....PcsMiddle...Universal...
Shaft.....Bearing·Middle·



图 4.1 AssemblyFront...



图 4.2 Hand·Assembly...



图 4.3 ..Bearing..



图 4.4 AssemblyRear...

Step 5:

Assembly4·Assembly·Step 2·Assembly.... 5.1、5.2Lower LegBearing·Universal·
..Bearing.....Step 2 Middle·Lower Leg·Rear·m5*10 ..Screw·Mounting· m4*8 ..Mounting·
Total.. 4 个 m5*10 ..Screw. 4 个 m4*8 ..Screw.

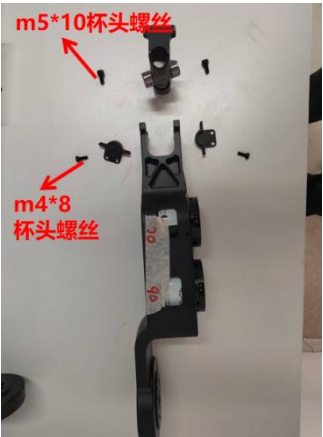


图 5.1 AssemblyFront



图 5.2 AssemblyRear

Step 6:

Assembly 5 Assembly FootBottom FootBottomLink 6.2 FootBottomLink
 FootBottom Rear m5*12 ..ScrewMounting.... Rear Lower Leg Lower Foot....
 Pcs FootBottom Rear m5*12 ..ScrewMounting..
 Total.. 10 个 m5*12 ..Screw MiddleFootBottom 4 ..Foot.....Pcs 6 个。



图 6.1 AssemblyFront



图 6.2 AssemblyRear

Step 7:

Assembly 6 Assembly 2 OutputFlangeLink Step 3 Assembly 7.1、7.2 Output..
 Link Lower Leg Upper Motor Side m3*12 ..Screw.... Rear ...Joint
 Bearing Install OutputFlangeLink Upper Rear m5*16 ..Screw Mounting Link..
 Total.. 10 个 m3*12 ..Screw OutputFlangeLink 5 ..Total.. 4 个 m5*16 ..Screw..
 Bearing 1 个。



图 7.1 AssemblyFront



图 7.2 AssemblyRear

Step 8:

Assembly 8 Assembly Step 7 Assembly 8 ThighInnerSide Lower Leg Shaft
 ...ThighInnerSide Lower Leg Middle Rear m5*10 ..ScrewMounting NoteLimitPin..
 CalibrationRearInstall LimitPinInstall LimitPin ThighLeftLower RightUpper m4*14 杯
 ScrewMounting 4 个
 Total.. m5*10 ..Screw 9 个。



图 8 AssemblyFront

..Assembly.....Step.....



图 9 ..Assembly...

No.....Assembly.....



Assembly.....Pcs.....Screw.

.PcsName	Quantity	.PcsName	Quantity
DM-J10010L Motor	6 个	m4*8 ..Screw	72 个
.Clamp Plate	2 个	m5*16 ..Screw	28 个
....Bearing	4 个	m4*10 ..Screw	12 个

....Pcs	4 个	m4*10 ..Screw	8 个
....PcsEnlarged HoleFlange	2 个	m3*10 ..Screw	4 个
..Enlarged HoleFlange	2 个	m4*12 ..Screw	16 个

表 3Assembly·Pcs·Quantity

Step 1:

Assembly 1个 DM-J10010L Motor. 2 个 Clamp Plate... 1.1、1.2 所示。将 2 个 DM-J10010L 与 1 个 腕夹

.....Note..Motor... DM-J10010L-2EC....Side.....Install

m4*8 ..Screw.....ScrewUpper·Rear...Screw...Adjust.....

..Screw.....Install...Clamp Plate.....Clamp Plate.....

.....Install m4*8 ..Screw.

Total.. m4*8 ..Screw 32 个。



图 1.1 AssemblyFront



图 1.2 AssemblyRear

Step 2:

Assembly 1 个 Assembly..2Bearing. 2Pcs... 2.1 至 2.3Step 1 装

..Motor...Lower..Rear... 2Bearing...Assembly..Clamp Plate..Middle..Motor....

接着将 2Pcs..... DM-J10010L Motor.....Rear. m5*16 ..Screw

Mounting.

Total.. m5*16 ..Screw 14 ...Middle.....Pcs 7 个。



图 2.1 Assembly....Bearing



图 2.2 Assembly....Pcs



图 2.3 AssemblyRear

Step 3:

Assembly 1 个 Assembly..2 个 DM-J10010L Motor.....Step 2 Assembly.....Pcs.

.....Rear· DM-J10010L ...Side·Outer.... DM-J10010L” 字符倒过来
 ·Upper·Install·Assembly2PcsUpper·LeftRight·SideTotal.....Upper·LeftRight.....
 m4*10 ..ScrewMounting·Rear·m4*10 ...Screw...FlangeUpper·Lower·Total4Mounting...
 ·PcsLower.....Rear· m3*10 ..ScrewMounting·
 Total· m4*10 ..Screw 12Motor 6 个; m4*10 ..Screw 8Motor 4 个; m3*10
 ..Screw 4Motor 2 个。



图 3.1 AssemblyFront

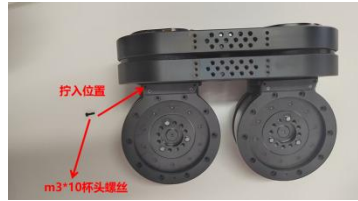


图 3.2 Assembly·Screw



图 3.3 AssemblyRear

Step 4.AssemblyS3 .Assembly..2PcsEnlarged HoleFlange...4.1、4.2Motor..
 ·Motor...Inner.....PcsEnlarged HoleFlangeInstall...MotorOuterSide..Flange..Upper.....
 m4*8 ..ScrewMounting·
 Total· m4*8 ..Screw 20PcsEnlarged HoleFlange10 个。



图 4.1 AssemblyFront



图 4.2 AssemblyRear

Step 5:

Assembly4 .Assembly..2Bearing· 2Pcs· 2 个 DM-J10010L Motor... 5.1、
 5.2 所示。将 2Bearing....Step 4 Assembly·Middle·Motor....Side2 ...Middle·Rear
Pcs..... DM-J10010L Motor.....Rear· m5*16 ..ScrewMounting·
 DM-J10010L Motor.... DM-J10010L.....Upper·Step 5 Assembly·Middle.....Pcs·
 ...Rear.....Pcs·Upper..... m4*8 ..ScrewMounting·Rear·m4*12 ...Screw·
 ...PcsUpper·Lower·Total4Mounting·
 Total· 14 个 m5*16 ..Screw·Middle.....Pcs 7 个; m4*8 ..Screw 20Motor 10
 个; m4*12 ..Screw 8Motor 4 个。



图 5.1 AssemblyFront



图 5.2 AssemblyRear

Step 6:

Assembly 5 · Assembly · 2 ... Enlarged Hole Flange 6 Motor ... Motor ... Inner ...
 ... Enlarged Hole Flange Install ... Motor Outer Side ... Flange ... Upper ... m4*8 .. Screw Mounting ... Rear ...
 m4*12 ... Screw ... Flange Upper ... Lower ... Total 4 Mounting ... Total .. m4*8 .. Screw 20 个, 每
 ... Enlarged Hole Flange ... Total .. m4*12 ... Screw 8 Enlarged Hole Flange 个。



图 6 AssemblyFront

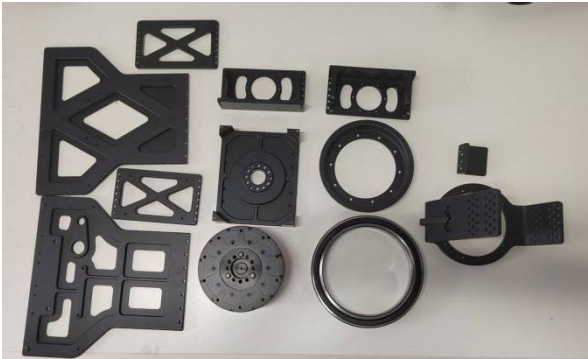
..Install...



图 7 ..Assembly...

No. Assembly

&Waist



Assembly & Waist Pcs.....Screw

PcsName	Quantity
Clamp Plate	2 个
肩膀	2 个
Side...	2 个
...Bearing	1 个
BearingMounting	1 个
DM-J10010L Motor	1 个
Battery..	1 个
Hip JointMountingPcs	1 个
IMU Carrier Board	1 个
m4*10 ..Screw	40 个
m4*8 ..Screw	10 个
m5*10 ..Screw	9 个
m4*12 ..Screw	4 个
m4*12 ..Screw	6 个
m4*10 ..Screw	14 个
m3*8 ..Screw	6 个

表 2: 机器人胸部 & WaistAssembly Pcs Quantity

Step 1:

Assembly 1. Clamp Plate 2 个肩膀和 2 Side..... 2 Clamp Plate Side Side
.....Rear m4*10 ScrewMounting 1 Side.....Install LowerSide
Side Rear m4*10 ScrewMounting Note Side Side Battery Pcs
Install Rear Mounting
Total m4*10 Screw 40 Middle Clamp Plate 7 Side Total 12 个。



图 1.1 AssemblyFront



图 1.2 AssemblyRear

Step 2:

Assembly Bearing BearingMounting Rubber Bearing BearingMountingMiddle



图 2.1 AssemblyFront



图 2.2 AssemblyRear

Step 3:

Assembly 2 Assembly DM-J10010L Motor Motor Lower Step

2 Assembly Middle Bearing Mounting

Motor m4*8 Screw Mounting

Total m4*8 Screw 10 个。



图 3.1 AssemblyFront



图 3.2 AssemblyRear

Step 4:

Assembly 3 Assembly Battery Step

3 Assembly Middle Motor Lower Rear Battery Bearing

Upper DM-J10010L Motor Rear

m5*10 Screw Mounting

Total m5*10 Screw 9 个。



图 4.1 AssemblyFront



图 4.2 Screw...



图 4.3 AssemblyRear

Step 5:

Assembly 4 Assembly Hip Joint Mounting Pcs

4 Assembly Motor Upper Hip Joint Mounting Pcs

Motor Motor Upper Rear

m4*12 Screw

m4*12 Screw Mounting

Screw Hand Hand

Total m4*12 Screw 4 个; m4*12 Screw 6 个。



图 5.1 AssemblyFront



图 5.2 AssemblyRear

Step 6:

Assembly 5 Assembly Step 5 Assembly Step 1 Assembly Upper Lower Step Assembly

Mounting Pcs Upper Step 1 Assembly Upper

m4*10 Screw Mounting

Total.. 14 个 m4*10 ..Screw.

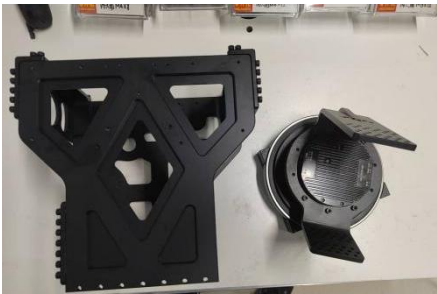


图 6.1 AssemblyFront



图 6.2 AssemblyRear

Step 7:

Assembly 6 Assembly..IMU Carrier Board Carrier Board-Side-Assembly-MiddleHip JointMountingPcs-Side.....Rear-
Hip JointMountingPcsOuterPcs ..ScrewMounting-Total-m3*8 ..Screw 6 ..Note-Hip JointMounting
Pcs-Side... IMU Carrier Board.....



图 7.1 AssemblyFront



图 7.2 AssemblyRear

..Assembly...



图 8 胸部&WaistAssembly...

No.Main Assembly

.PcsName	Quantity
吊环	4 个
吊绳	1 套
Mounting..	1 个
.....Assembly.	1 个
...Hand...Assembly.	2 个
.....Assembly.	2 个
机器人胸部&Waist..Assembly.	1 个
DM340p Motor	4 个
atom Hand- 副本 (1)	2 个
....Bearing	2 个
m4*12 ..Screw	64 个
m3*6 ..Screw	12 个
m3*16 ..Screw	36 个
m3*10 ..Screw	12 个
m5*10 ..Screw	18 个

表 5 ...Main Assembly.Pcs.Quantity.

Step 1:

Assembly....WaistHip JointMountingPcs..... 1.1、1.2Clamp Plate..Hip Joint.
.PcsMiddle..... DM-J10010L-2EC....Side.Hip JointMountingPcs.Side..... 4 个
m4*12 ..Screw..OuterSideMounting..Rear.... m4*12 ..Screw....SideRear.....Side.
丝。
Total.. 64 个 m4*12 ..Screw..Middle..SideTotal32 个。



图 1.1 AssemblyFront



图 1.2 AssemblyRear

Step 2..Assembly..... 2.1、2.2 ...AdjustAssembly..Joint-degree.....

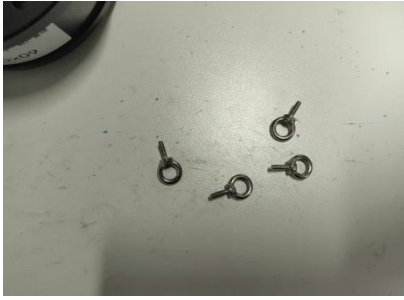


图 2.1 AssemblyFront

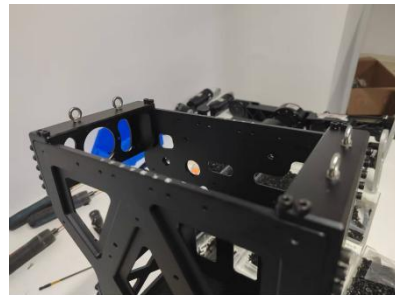


图 2.2 AssemblyRear

Step 3:

2个 DM340p Motor... 3.1、3.2 所示。将 2 个 DM340p Motor...Assembly...
 ..Middle..Motor.....Inner..NoteInstall.....Rear..
 m3*6 ..ScrewMounting..
 Total.. 12 个 m3*6 ..Screw..Middle..Motor 6 个。



图 3.1 AssemblyFront

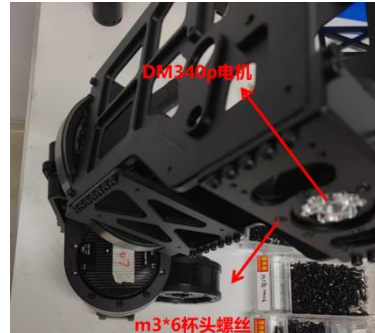


图 3.2 AssemblyRear

Step 4:

2个 atom Hand副本 (1), 如图 4.1、4.2 所示。将两个 atom Hand副本 (1)....Step 3
 MiddleInstall...DM340p Motor.. atom Hand副本(1)MiddleOuterSide..... DM340p Motor..
 孔对齐, 使用 m3*16 ..ScrewMounting..
 Total.. 12 个 m3*16 ..Screw..Middle..Motor 6 个。



图 4.1 AssemblyFront



图 4.2 AssemblyRear

Step 5-Assembly 2个 DM340p Motor... 5.1、5.2 所示。将两个 DM340p Motor....LeftRight..Side
 atom Hand副本 (1)Middle...Side.....Rear... m3*16 ..ScrewMountingRearm3*10 杯头
 ScrewMountingDM340p。

Total.. 12 个 m3*10 ..Screw..Middle..Motor 6 个。



图 5.1 AssemblyFront



图 5.2 AssemblyRear

Step 6.AssemblyHand..... 6.1、6.2Assembly.....Hand..... atom Hand
 臂-副本 (2..Side.....Assembly.. atom Hand副本 (1).....Rear.. m3*16 ..ScrewMounting..
 Total.. 12 个 m3*16 ..Screw..Middle..SideHand.. 6 个。



图 6.1 AssemblyFront



图 6.2 AssemblyRear

Step 7.....Mounting..Upper...Install.....

Step 8.Assembly.....FrontSide.. DM-J10010L Motor...Motor....Inner...
Bearing..MotorMiddle..Rear.....OuterSide..Motor.....
 m5*10 ..ScrewMounting..
 Total.. m5*10 ..Screw 18 个，每条腿 9 个。



图 8.1 AssemblyFront



图 8.2 ..Bearing



图 8.3 AssemblyRear

.....Assembly...



.....Assembly...