

# ARMOR-MAN

3.0

◀ 使用说明 ▶  
MANUAL

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### 符号说明:



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## REMINDER

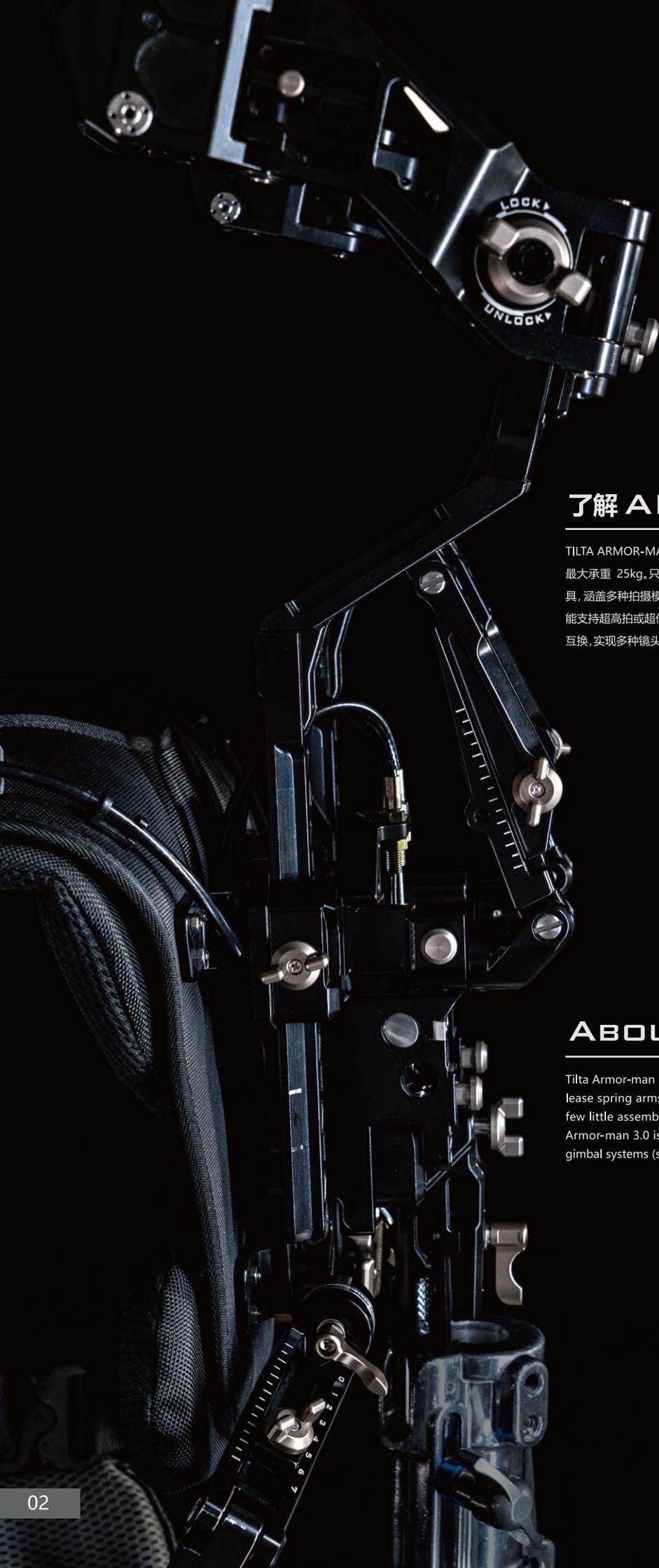
### Symbol description:



Warning: Any incorrect operation will lead to harm to you or damages to the product, person and other objects.



Reminder: Please carry the same instruction on the other side.



## 了解 ARMOR-MAN 3.0

TILTA ARMOR-MAN 3.0 是为专业级三轴稳定器量身设计的，可快拆式的支撑部件双力臂承载力最大承重 25kg。只需简易组装、调节就可将机器重量轻松转移。操控更加轻松自如。安装调节无需工具，涵盖多种拍摄模式，适配多种不同型号与重量的三轴稳定器（如影 2 movi pro 引力 Maxima 等），能支持超高拍或超低拍等特殊镜头。在使用过程中，ARMOR-MAN 3.0，减震臂双功能设计，臂体上下互换，实现多种镜头拍摄需求。

## ABOUT ARMOR-MAN 3.0

Tilta Armor-man 3.0 is specially designed for professional 3-axis gimbal systems. Quick-release spring arms can support up to 25kg. It can evenly spread the camera weight with a few little assembly and adjustments. Easy to operate and no tool is needed for assembly. Armor-man 3.0 is suitable for all shooting modes and compatible with a variety of 3-axis gimbal systems (such as Ronin 2, Movi pro, Gravity and Maxima etc.)

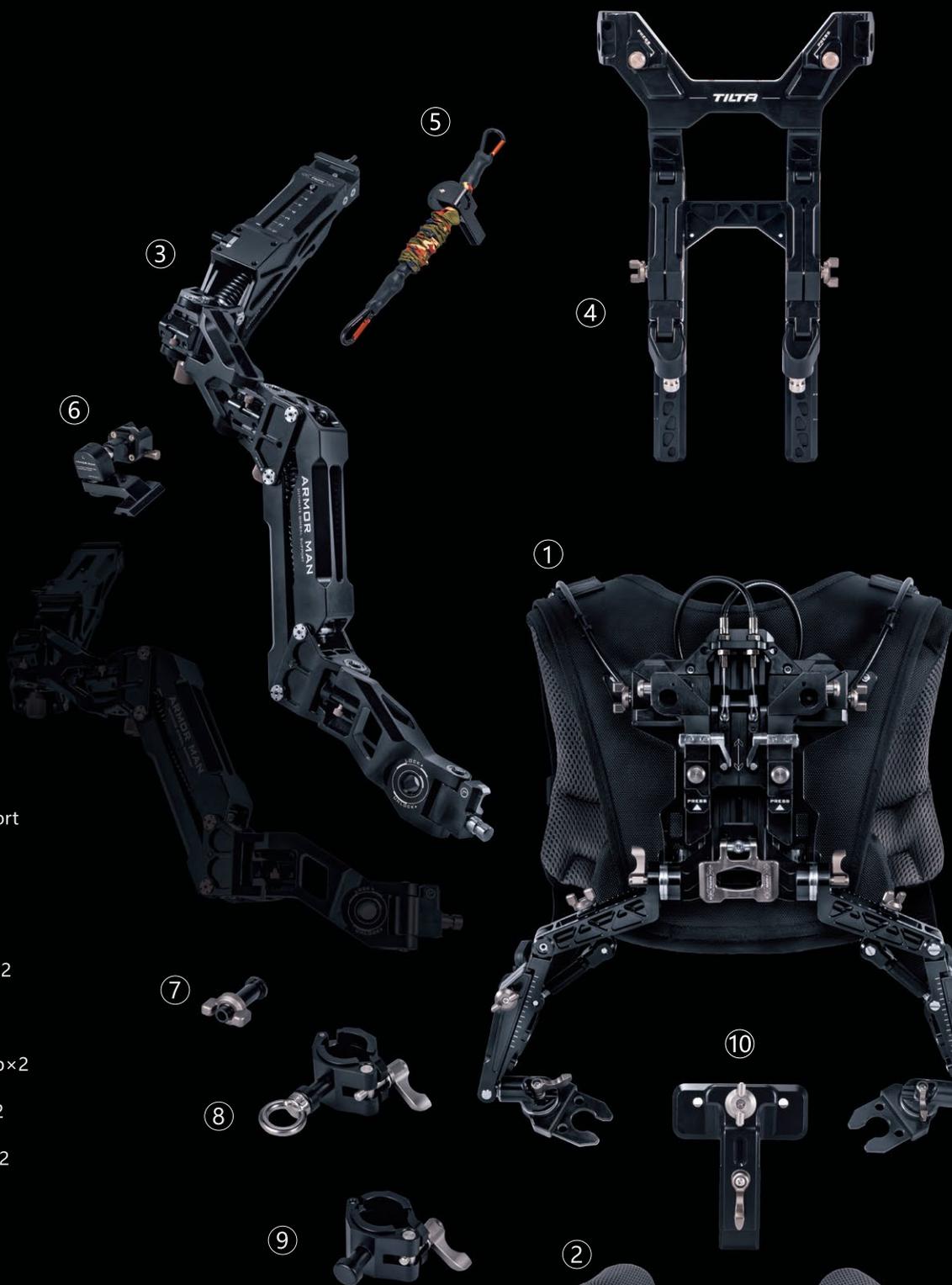


机械臂通用于吊装或侧装

Mechanical arms are compatible for top and side mounting modes.

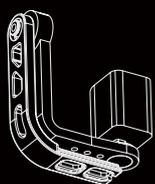
## 标准配置清单 Standard packing list

- ① 铁甲背心
- ② 铁甲腰带 (需安装)
- ③ 机械臂X2
- ④ 吊装支撑架
- ⑤ 弹力减震绳配件X2
- ⑥ 三轴稳定器环形适配器X2
- ⑦ 机械臂固定旋钮X2
- ⑧ 吊装管卡X2
- ⑨ 侧装管卡X2
- ⑩ 停靠支架

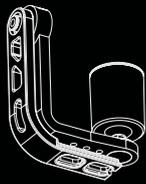


- ① Armor-man 3.0 vest
- ② Armor-man 3.0 waist support (assembling required)
- ③ Mechanical arms×2
- ④ Top mounting supporter
- ⑤ Shock absorb spring rope×2
- ⑥ 3-axis gimbal adaptor×2
- ⑦ Mechanical arm fixing knob×2
- ⑧ Top mounting rod clamp×2
- ⑨ Side mounting rod clamp×2
- ⑩ Parking frame

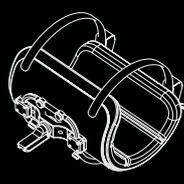
## 选配清单 Optional accessories



原力M手柄快卡X2  
Quick mounting adaptor  
for Nucleus M handle×2



三轴稳定器杯型快卡X2  
Quick mounting adaptor  
for 3-axis gimbal×2



手持护手快卡X2  
Forearm bracer×2



卸力拉绳

Tension release wire

吊装支撑架锁定旋钮

Locking knob for top  
mounting supporter

吊装支撑插扣

Top mounting support clip

机械臂拆卸按钮

Mechanical arm  
disassembling knob

铁甲3.0高度调节手柄

Armor-man 3.0 height  
adjustable handle

铁甲背心腰围宽度调节旋钮

Armor-man 3.0 vest waist  
support adjustable knob

侧臂延长锁定旋钮

Side arm extension  
locking knob

腰带收紧魔术带

Velcro for waist support

拉绳线卡

Hook for tension  
release wire

吊装支撑插扣按钮

Top mounting  
support clip knob

机械臂负载插销

Mechanical arm load latch

停靠支架连接点

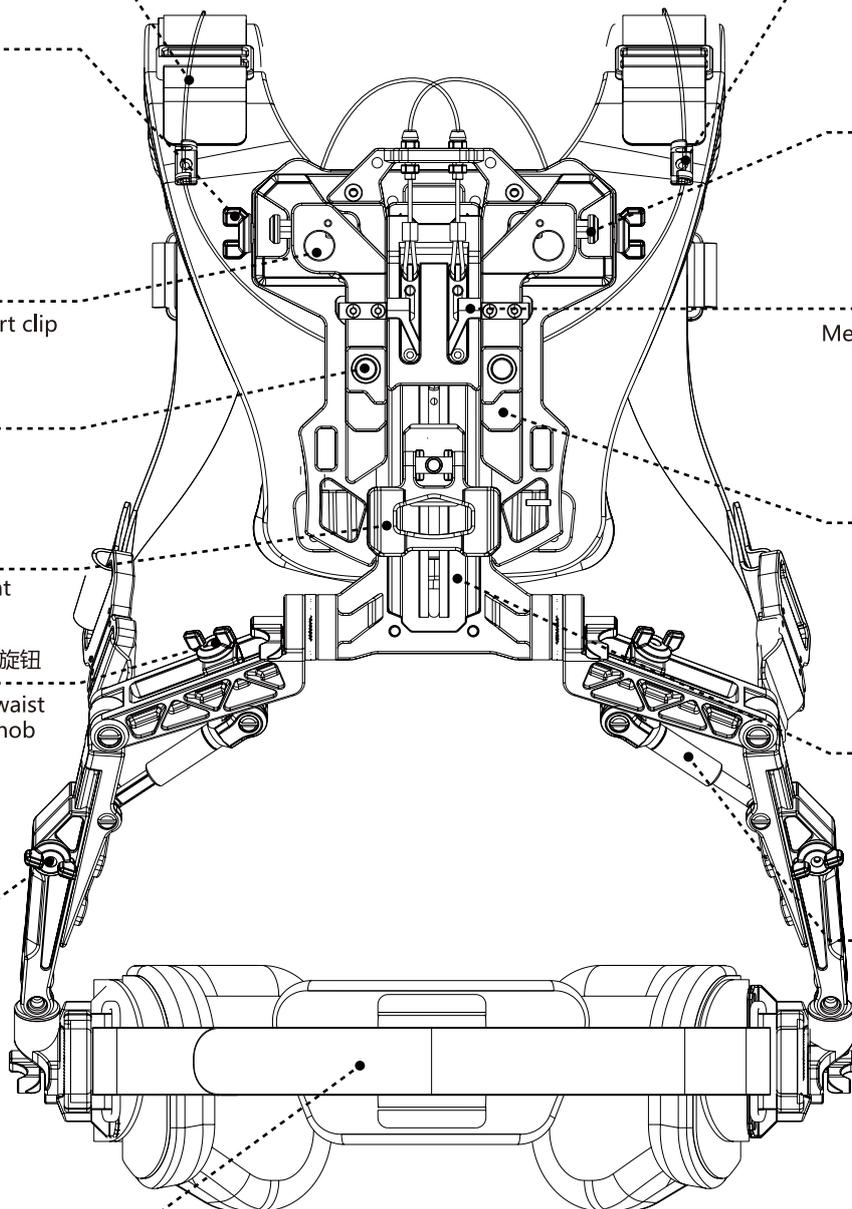
Parking frame  
connection point

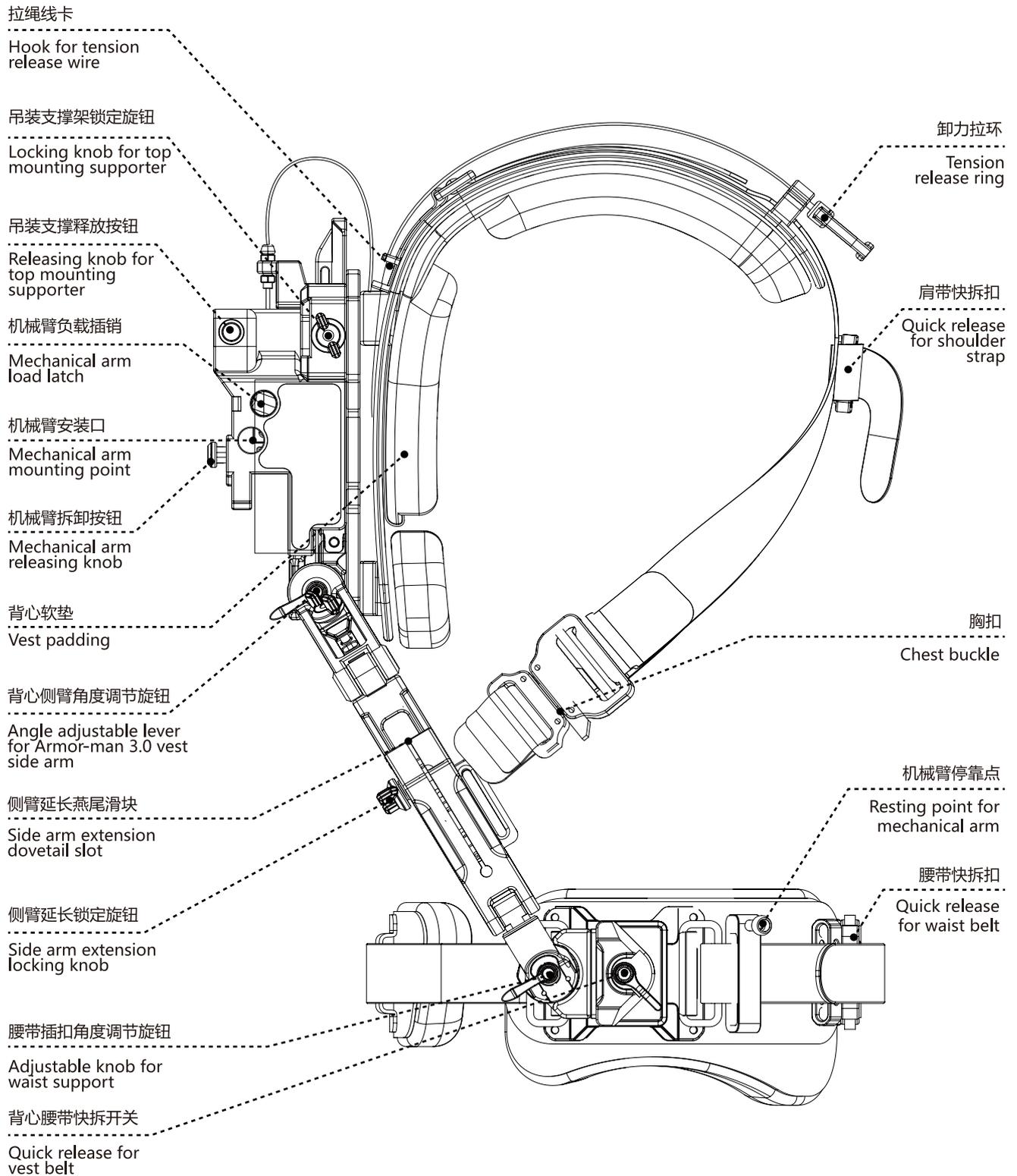
铁甲背心高度燕尾滑板

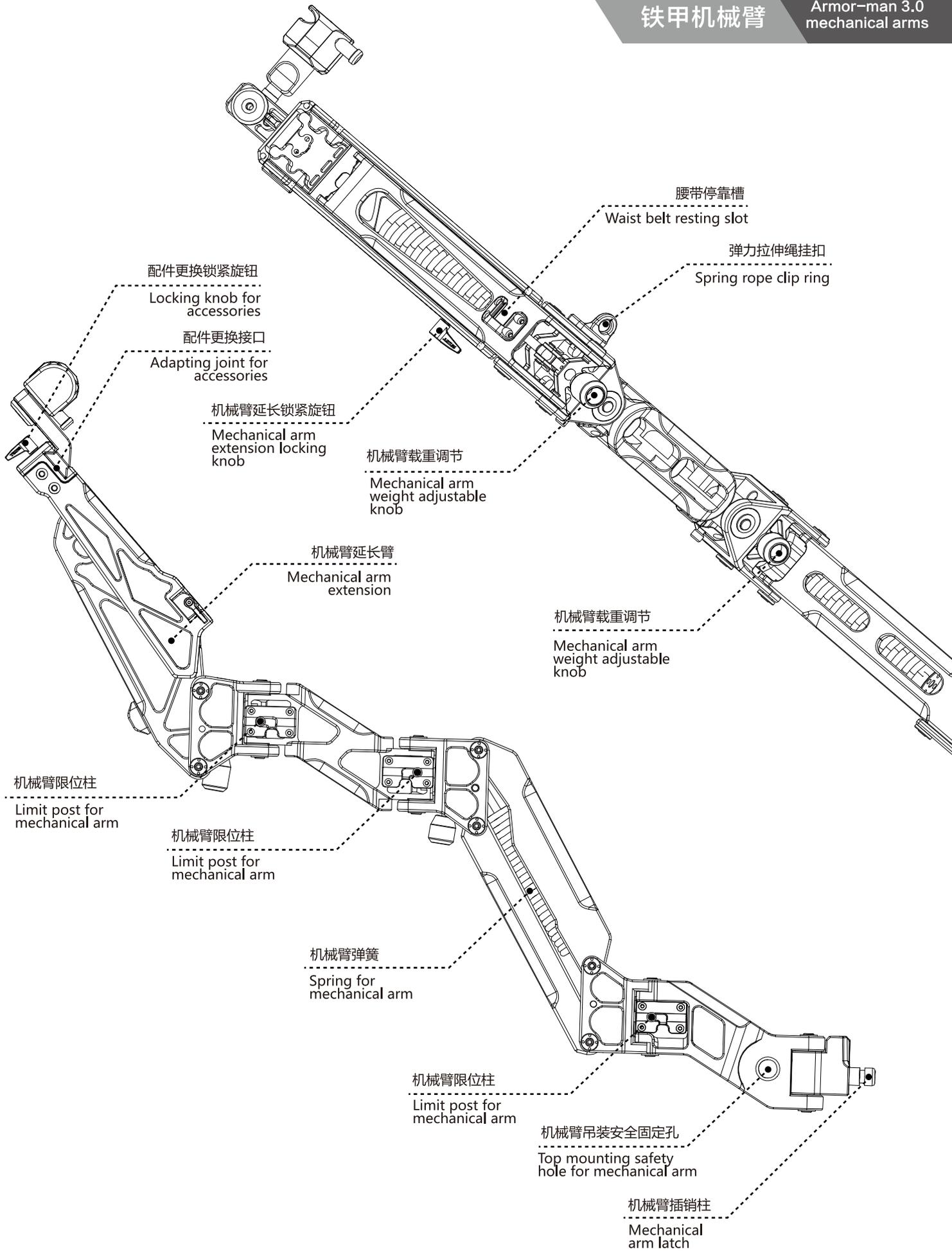
Height adjustable  
dove tail plate for  
Armor-man 3.0 vest

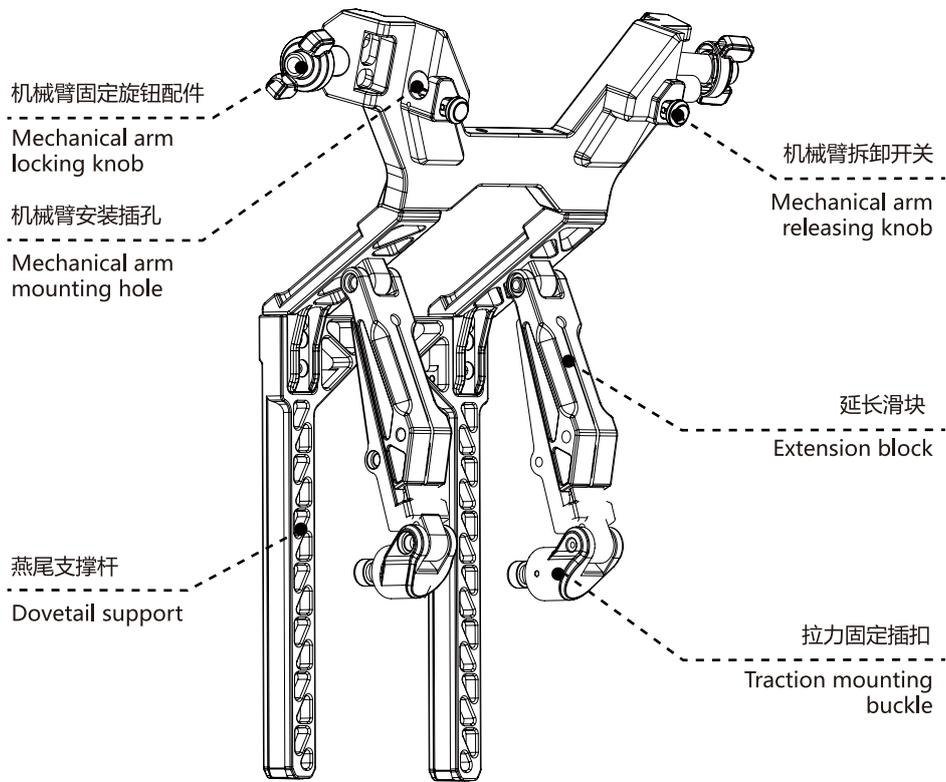
铁甲背心侧臂角度调节

Angle adjustable  
lever for Armor-man  
3.0 vest side arm

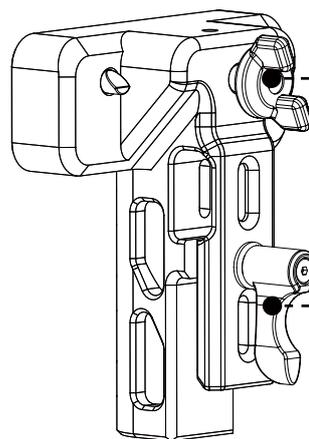
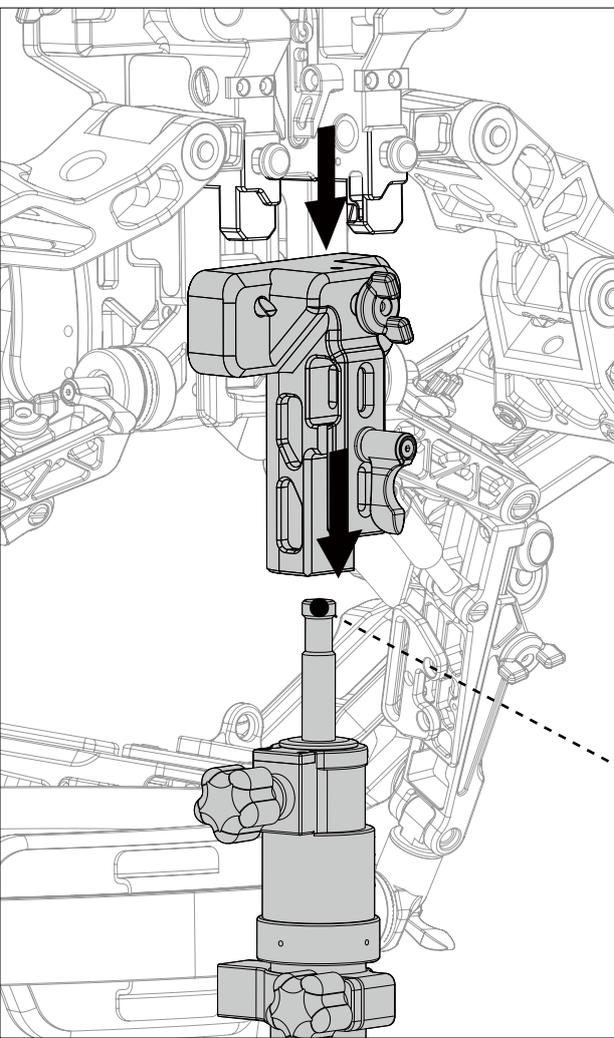








### 停靠支架 Parking frame



#### 铁甲停靠安全锁 Safety lock

(安全锁按下顺时针旋转 90°为释放状态逆时针旋转 90°为锁定状态)

Push down the safety lock and then turn 90 degrees clockwise to release. Push down the safety lock and then turn 90 degrees anti-clockwise to lock.

#### 停靠固定旋钮 Fixing knob

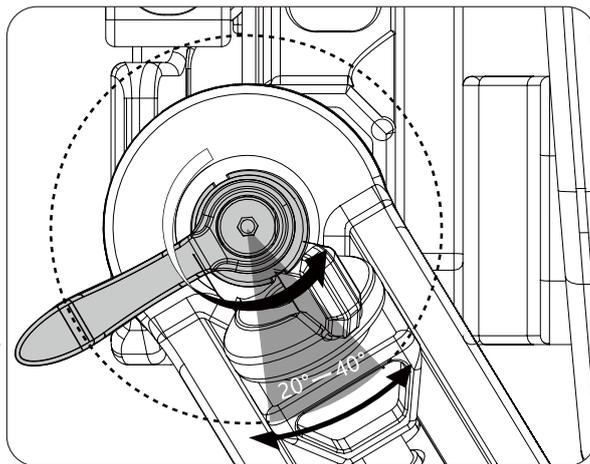
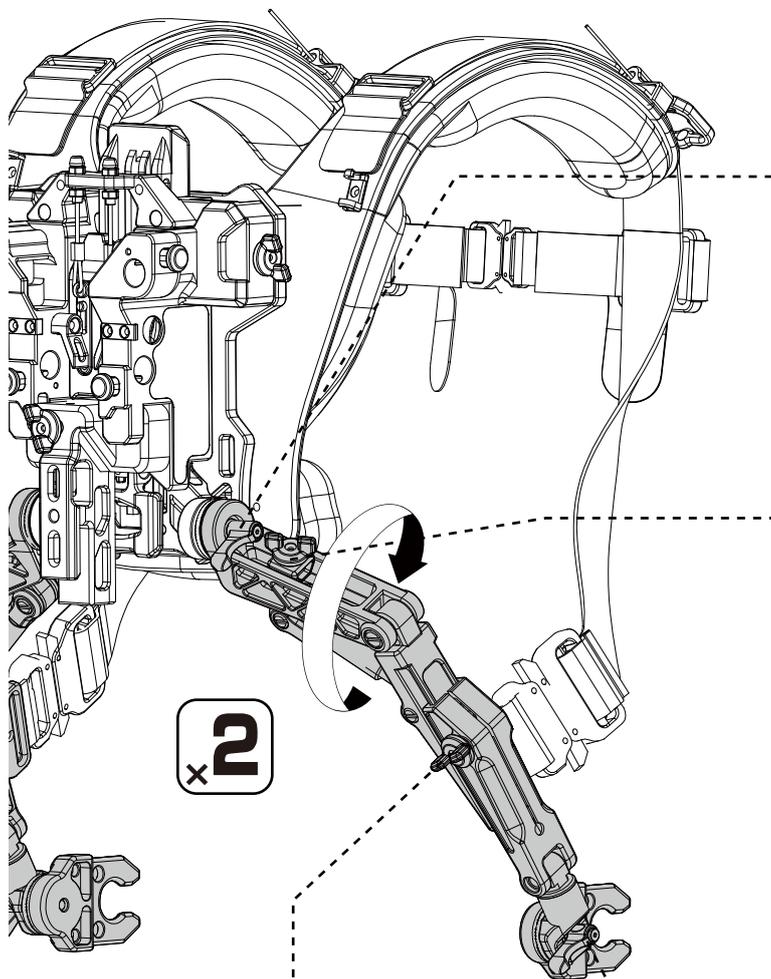
16mm 通用接口  
可用于灯腿支架、魔术腿支架、推车停靠支架  
16mm universal mounting point for all support accessories.

# 铁甲背心调节穿戴方式

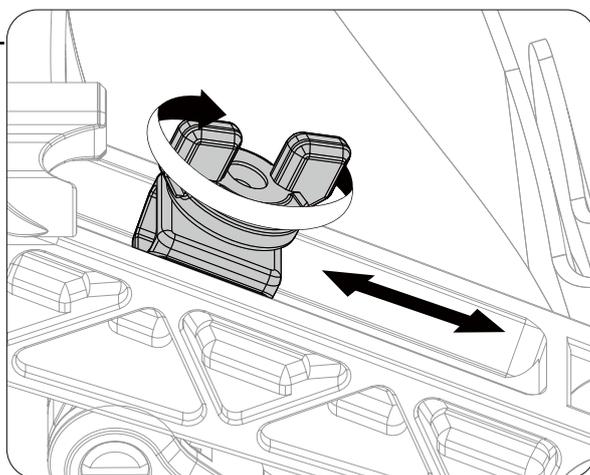
## How to wear and adjust your Armor-man 3.0 vest

### 1 背心侧臂调节

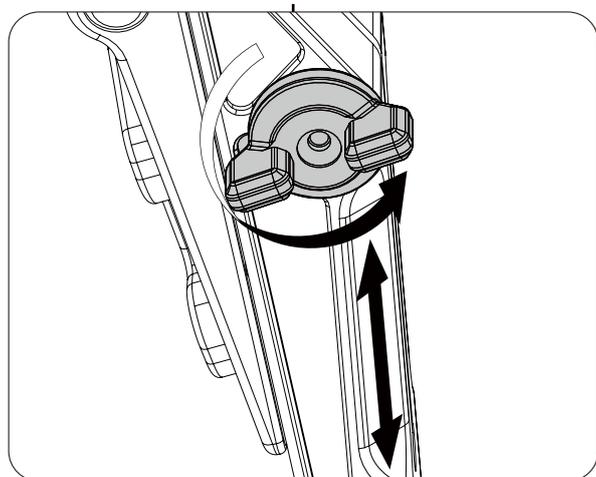
#### Adjust the side arm of the vest



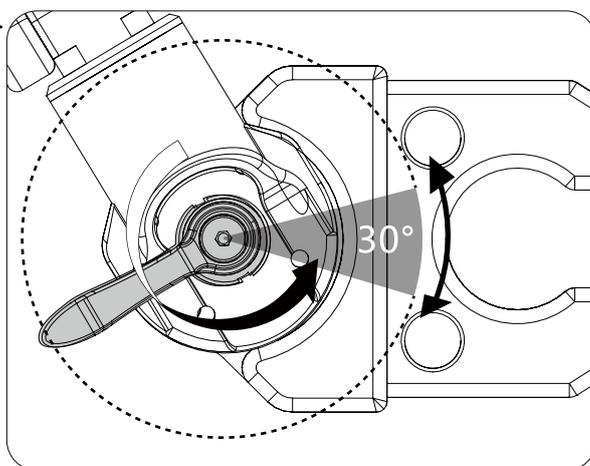
背心侧臂角度调节，以主体垂直为参照，侧臂向前旋转20°至40°为最佳。(具体值以实际调节为准)  
Keep the main body straight, then set the side arm between 20 to 40 degrees for the best position.



铁甲背心腰围宽度调节，根据腰围调节背心侧臂之间的宽度。(标准身材参考值为4)  
Adjust the waist to fit your body shape. (For standard body shape please set to 4.)

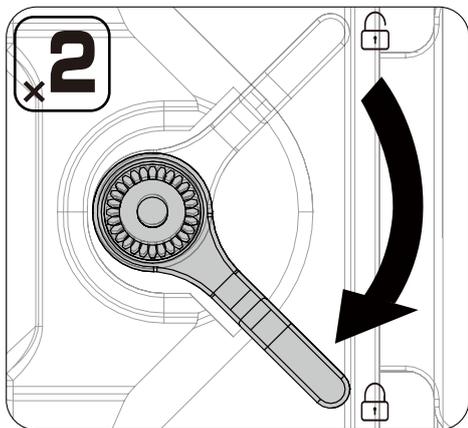


铁甲背心侧臂长度调节  
Length adjustment for vest side arm.



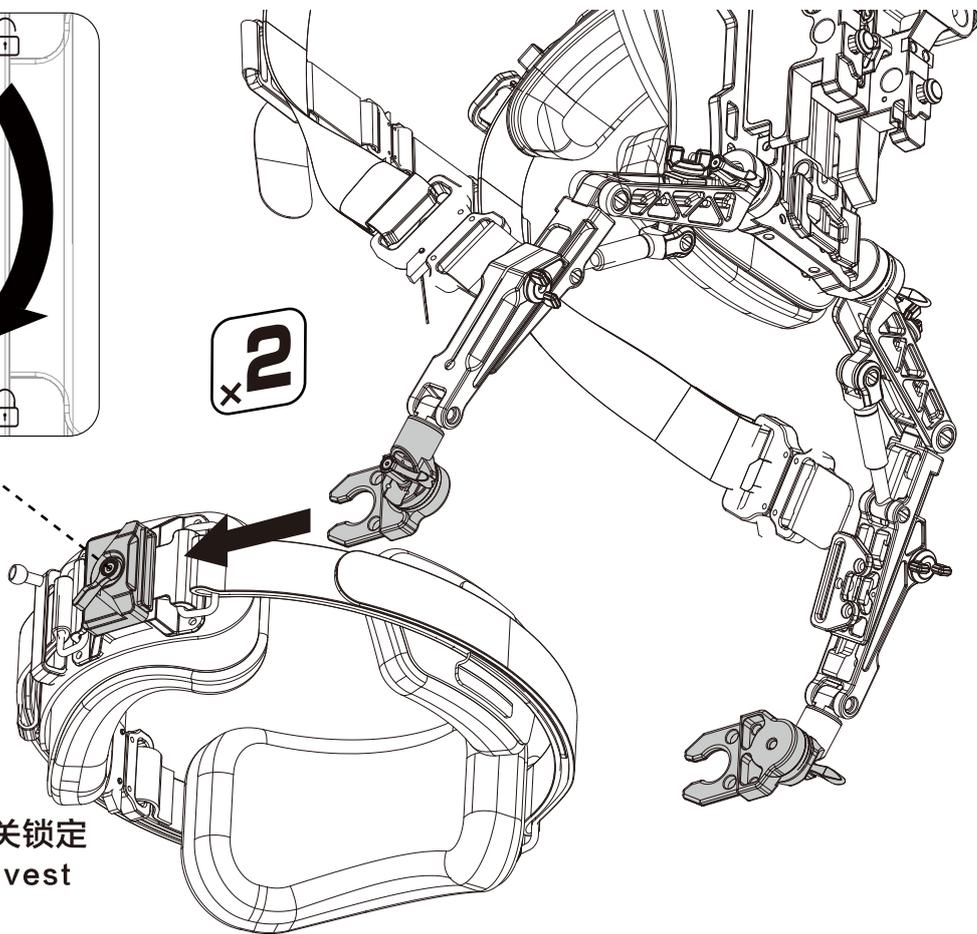
腰带插扣角度调节，以地面平行±15°以内为最佳  
Set the waist buckle angle within ±15 degrees.

**!** 高度调节及侧臂调节手钮需要锁紧。  
以上背心侧臂均需要调节到左右对称为最佳。  
Please fasten the knobs after adjusting the height and side arms. Please make sure the two arms are evenly adjusted.

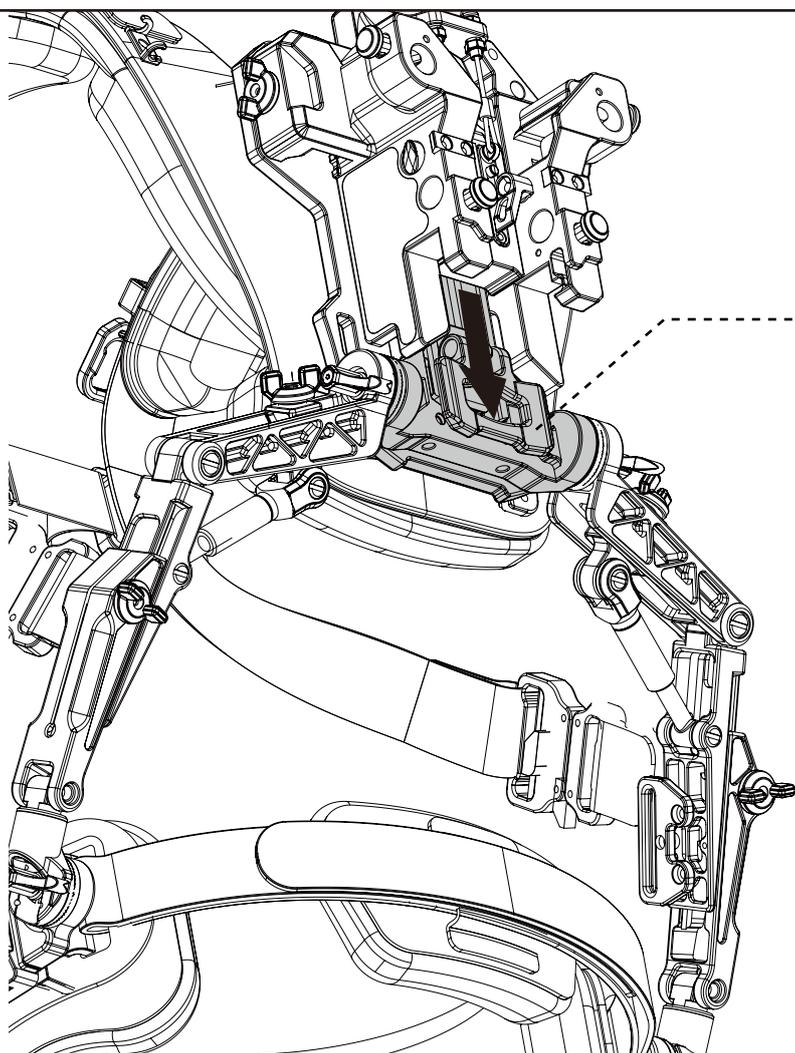


将铁甲背心对准腰带的卡扣处安装,装好后向下关闭开关即可。

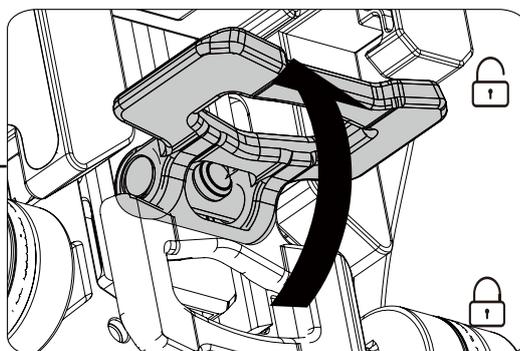
Install the vest to the waist support and lock.



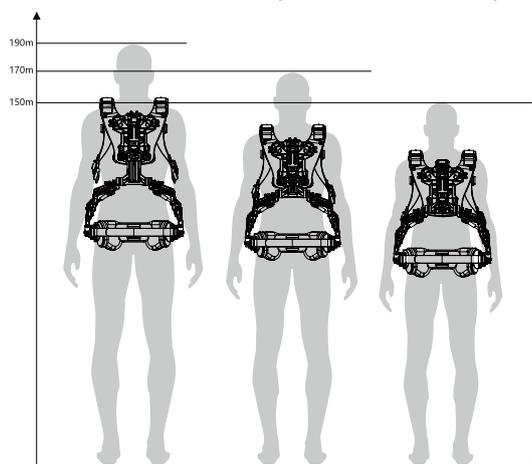
**2** 连接背心主体,开关锁定  
Mounting to the vest then lock



**3** 根据身高调节主体高度  
Adjusting the height to fit your body shape

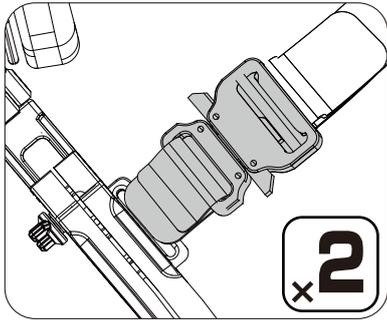


铁甲 3.0 可适配不同身高的人群穿戴,调节范围广泛。  
Armor-man 3.0 can be adjusted to fit for all body shapes.



# 4

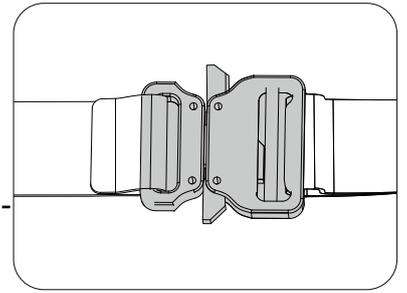
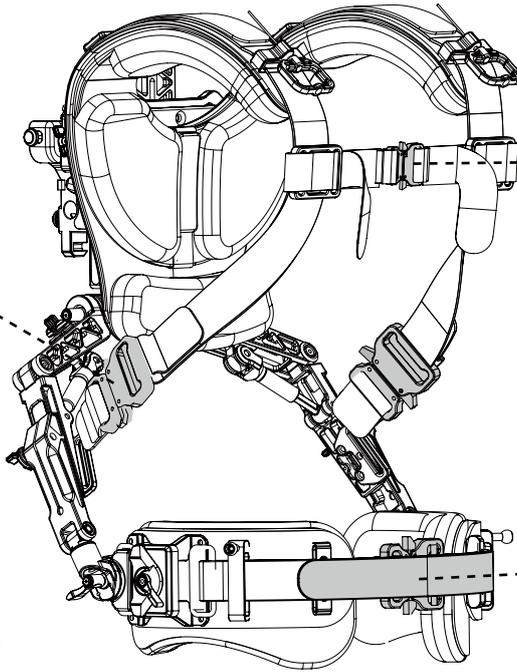
## 快拆快装穿戴方式 Easy to wear



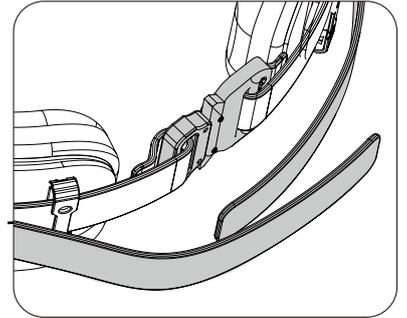
侧臂卡扣：扣紧卡扣，拉紧肩带绳贴合身体  
Side arm buckle: Lock the buckle and pull the shoulder straps tightly against your body.



请使用卡扣解锁腰带，请勿拔出腰带  
可正反使用腰带魔术贴  
Belt buckle: Lock the buckle and pull the  
Velcro tightly against your body.

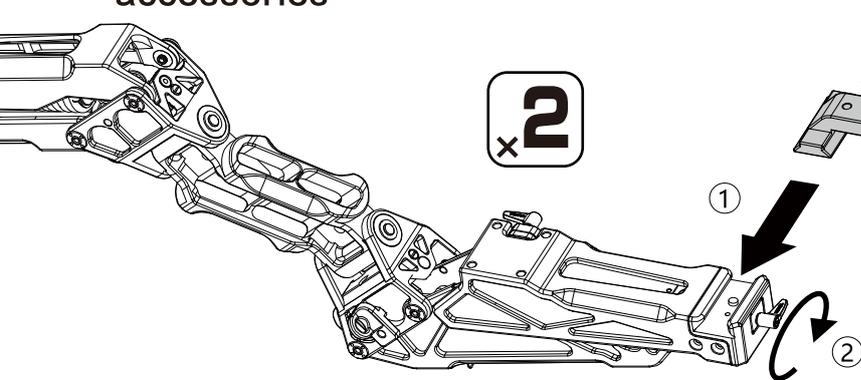


胸前卡扣：扣紧卡扣，拉紧胸前卡扣绳贴合身体  
Chest buckle: Lock the buckle and pull the  
buckle straps tightly against your chest.



腰带卡扣：扣紧卡扣，拉紧腰带魔术贴贴合身体  
Belt buckle: Lock the buckle and pull the  
Velcro tightly against your body.

## 减震臂配件安装方式 How to install other accessories



### 侧装配件安装方式 Side mounting

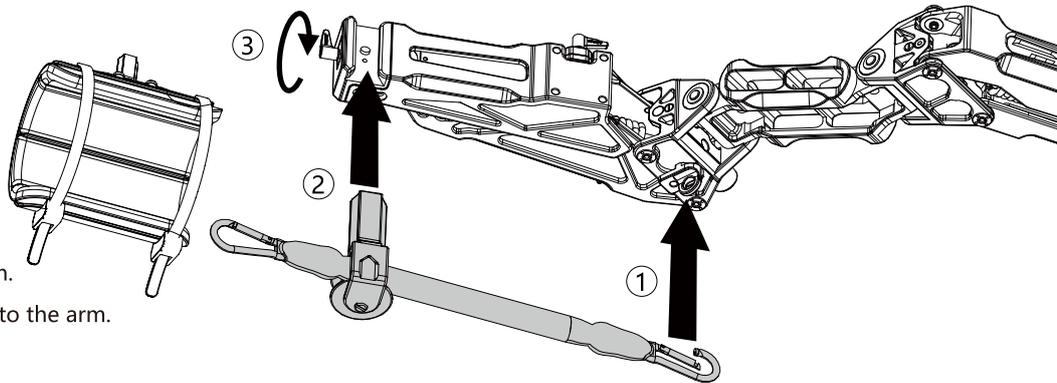
- |            |                            |
|------------|----------------------------|
| ① 将配件插入减震臂 | ① Insert the accessories.  |
| ② 锁紧配件更换旋钮 | ② Fasten the locking knob. |

### 吊装配件安装

- ① 将挂扣扣上减震臂
- ② 将弹力减震绳配件插入减震臂
- ③ 锁紧配件更换旋钮

### Top mounting

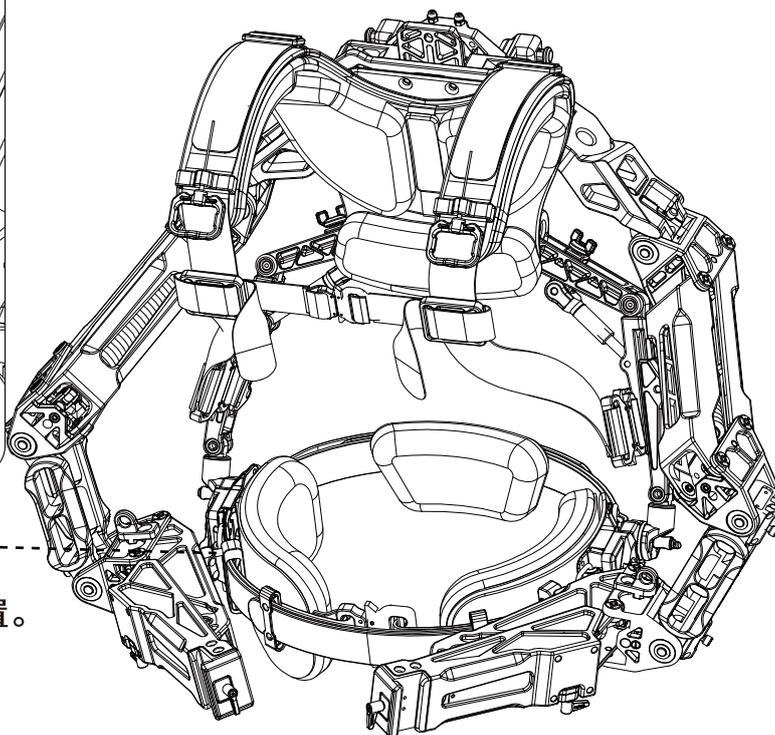
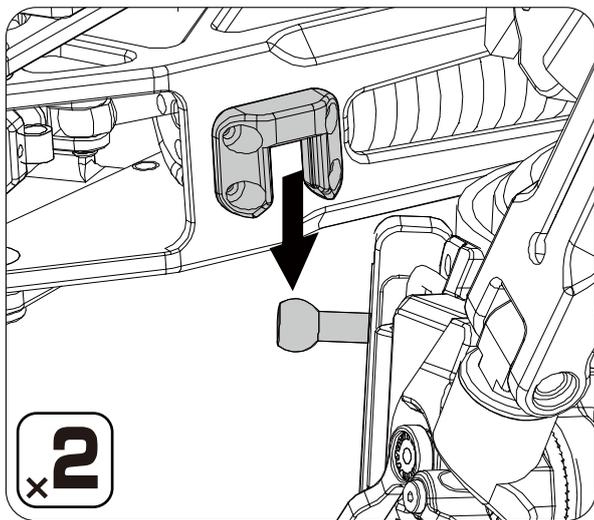
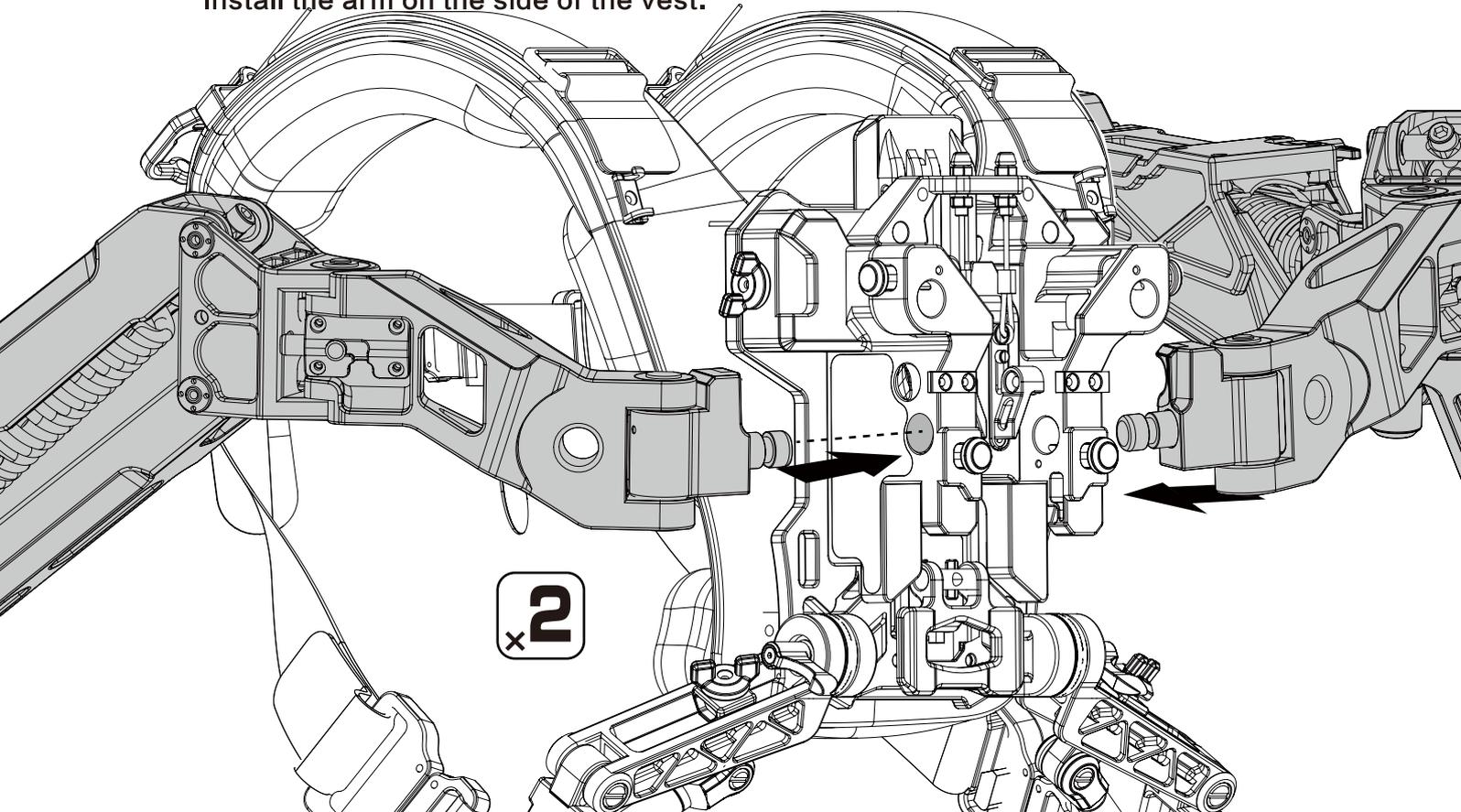
- ① Attach the hook onto the arm.
- ② Insert the tension rope latch to the arm.
- ③ Fasten the locking knob.



手持护手安装方向与减震绳安装方向一致  
安装方法和侧装配件安装一致  
Please install the forearm bracer to the same  
direction of the tension rope.

## 侧装减震臂安装使用方式 Side mounting for mechanical arm

- 1** 将减震臂的连接处从背心侧面安装进背部的接口处。  
Install the arm on the side of the vest.



- 2** 安装好后将减震臂停靠到腰带位置。  
Install the arm on the side of the vest.

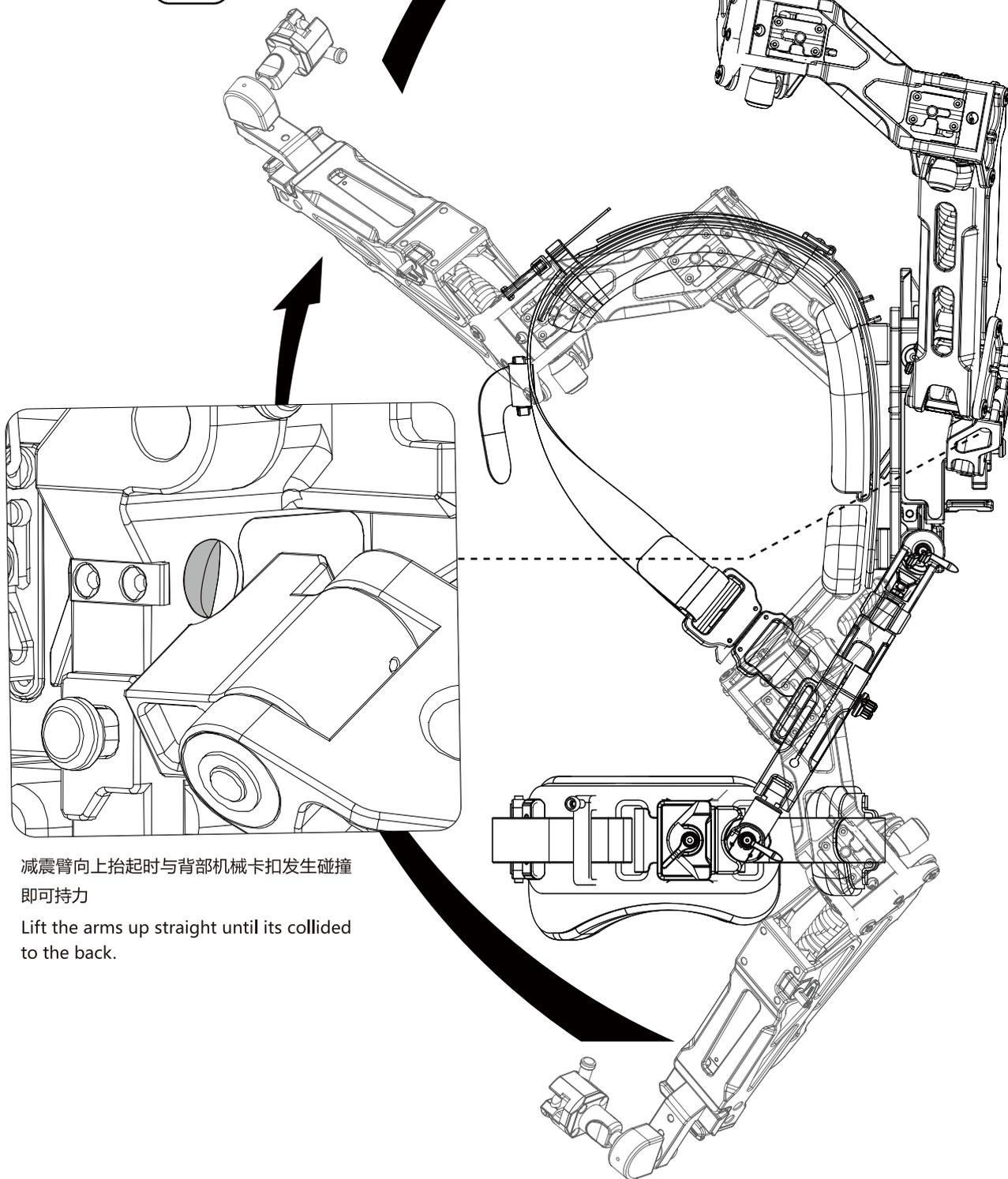
**!** 侧装时，臂体安全锁需处于打开状态  
Please unlock the arm when mounting it onto the side of the vest.

3

穿上铁甲。双手手持快卡配件，从腰部停靠释放双减震臂垂直于两侧，向上轻提，使臂体弯曲于手臂外侧时，从前向上举起，直至背部机械卡扣持力状态，方可使用。

When you are properly set with the Armor-man 3.0, lift the arms over your head and surround your own arms until the mechanical arms properly click into the back vest.

x2



减震臂向上抬起时与背部机械卡扣发生碰撞即可持力

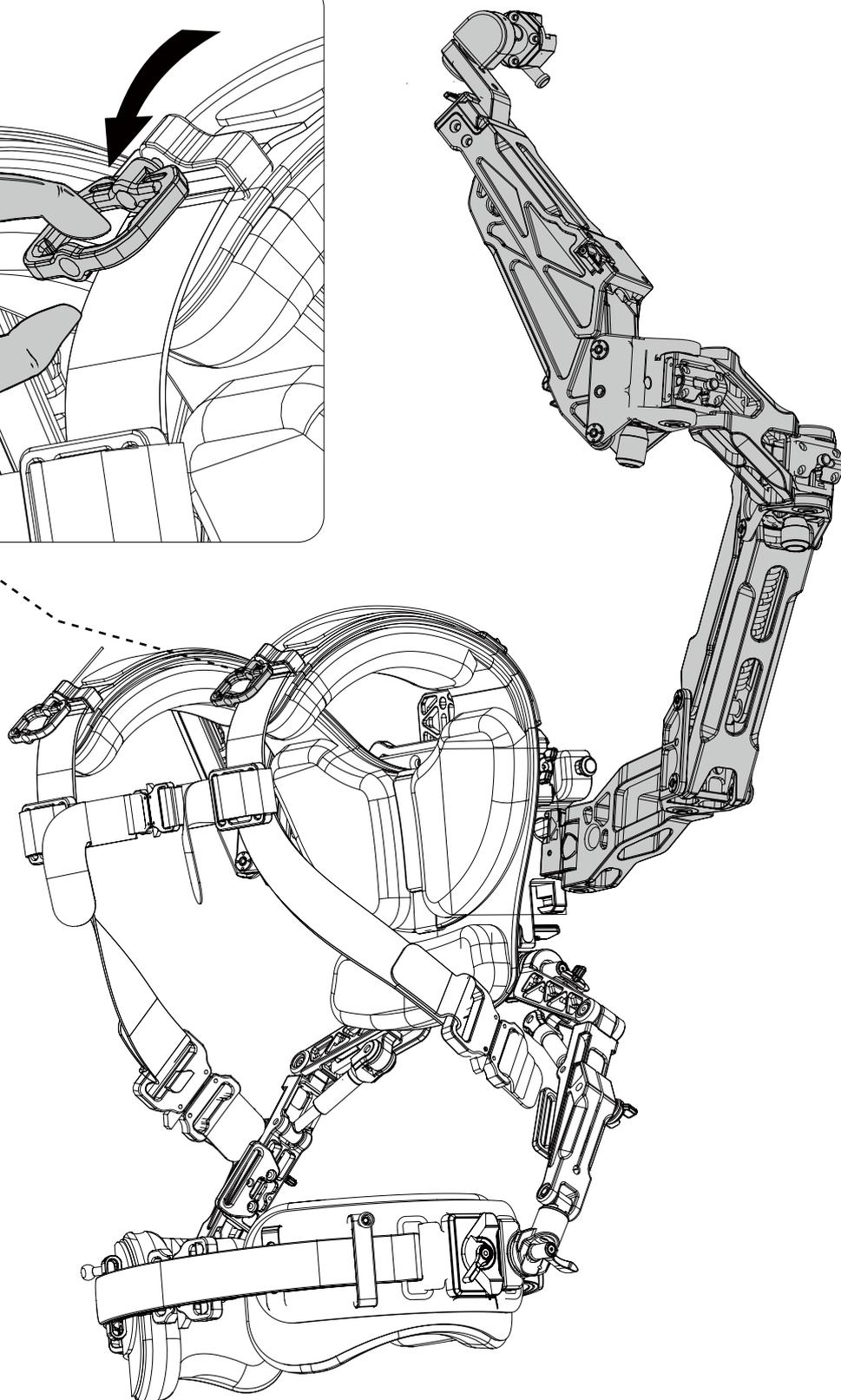
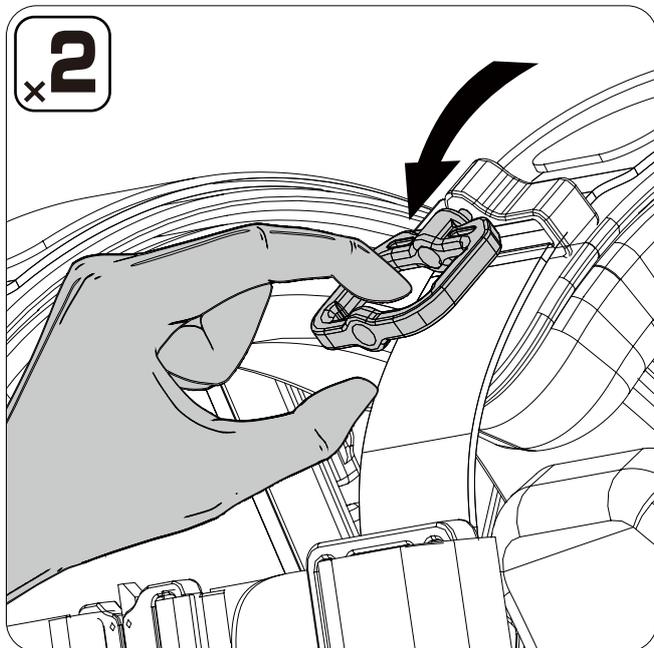
Lift the arms up straight until its collided to the back.

## 铁甲卸力方式 Releasing the arms

一手轻举需要卸力减震臂,另一手向下轻拉动肩部的拉扣  
可将放下的减震臂停靠到腰部位置,相同操作,释放另一减震臂

Lift one side of the arm, then pull down the tension rope.

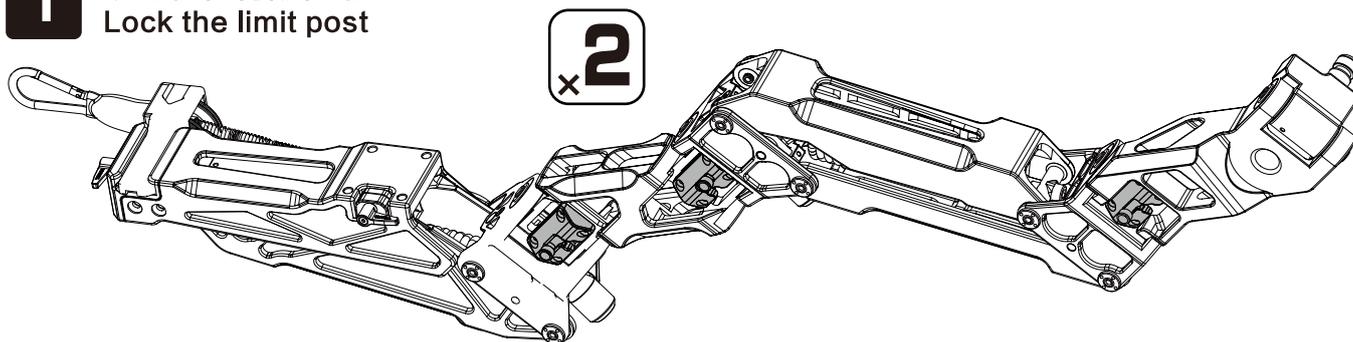
Clip the releasing arm onto the belt, then releasing the other arm.



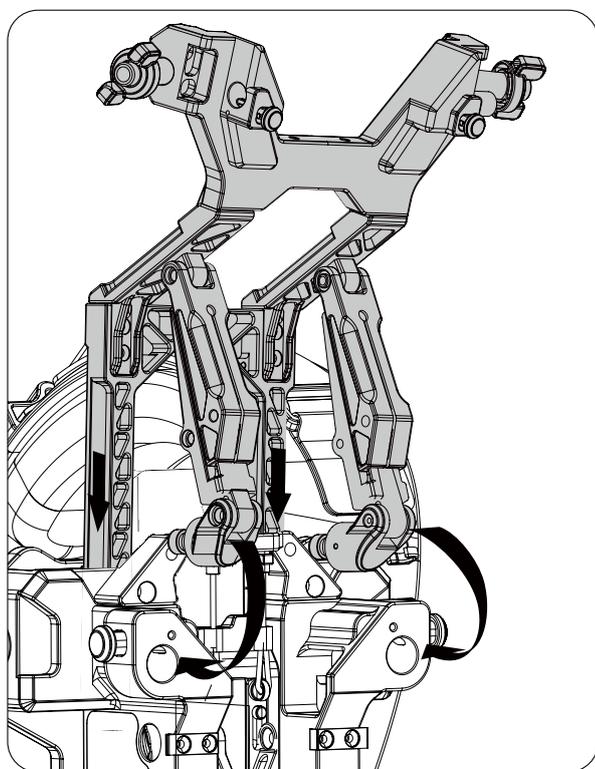
切记在臂体受力情况下使用拉扣,拉扣功能无效  
Please note, the tension rope will only work when the  
arms are offloaded.

## 吊装减震臂安装方式 Top mounting for mechanical arm

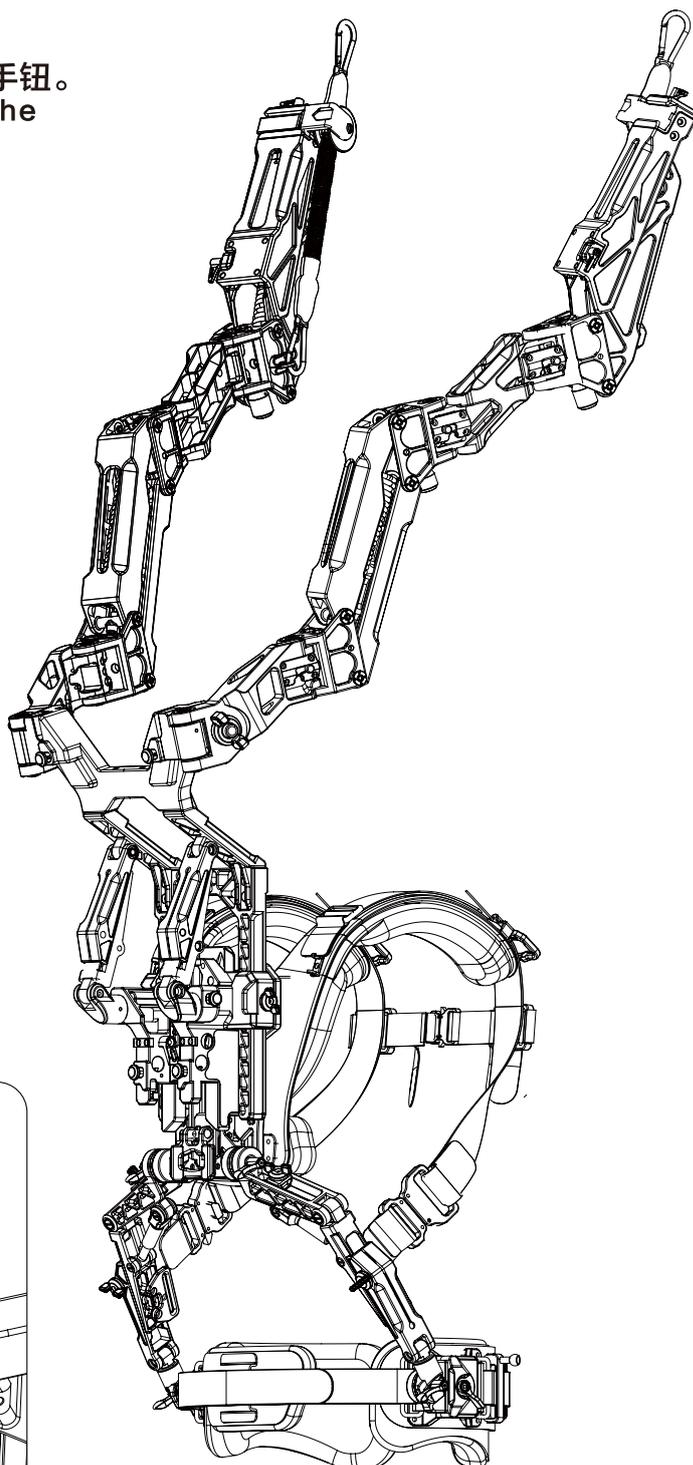
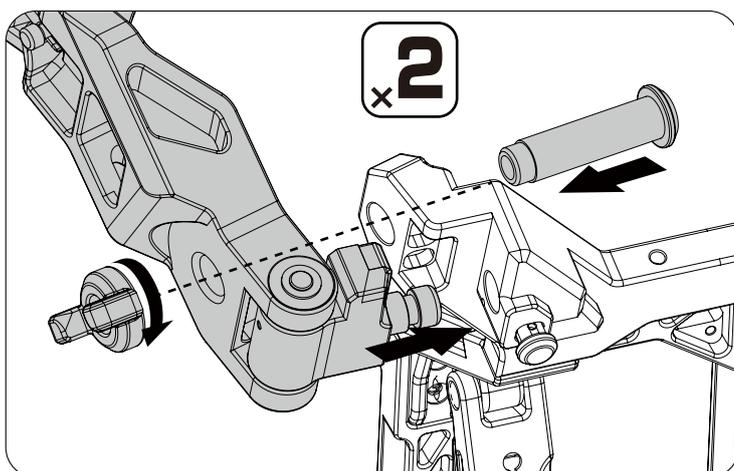
**1** 锁定机械臂限位销  
Lock the limit post



**2** 安装吊装支撑架, 根据需求调节高度, 锁紧手钮。  
Install the top mounting frame, adjust the height then fasten the knob.



**3** 用固定旋钮配件固定机械臂轴向  
Use the fixing knob to set the axis for the mechanical arm



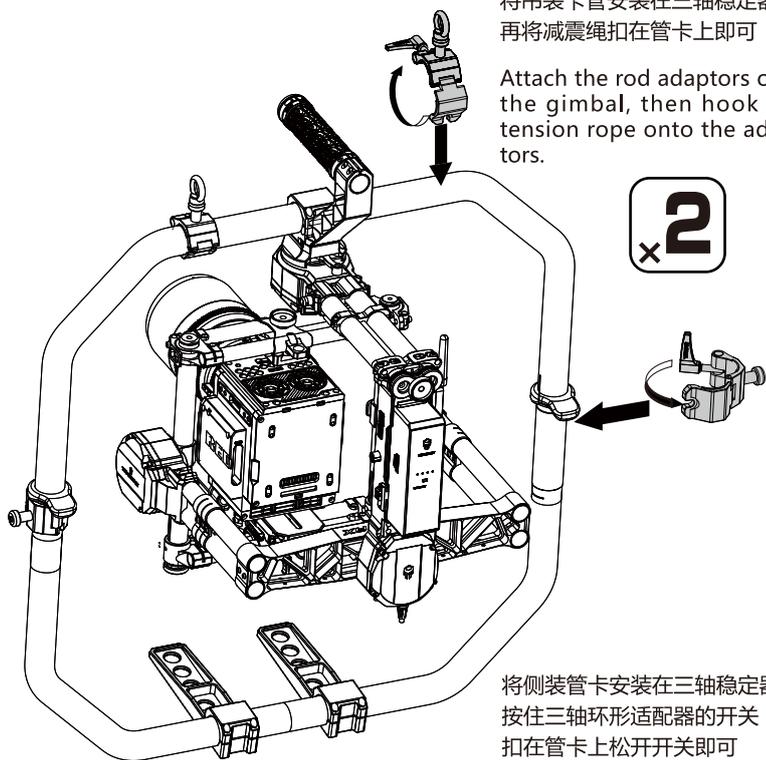
**!** 吊装时, 臂体安全锁需处于锁定状态  
Please make sure both arms are securely locked when mounting from top.

### 三轴配件安装方式

#### How to install 3-axis gimbal accessories

将吊装卡管安装在三轴稳定器上  
再将减震绳扣在管卡上即可

Attach the rod adaptors onto the gimbal, then hook the tension rope onto the adaptors.

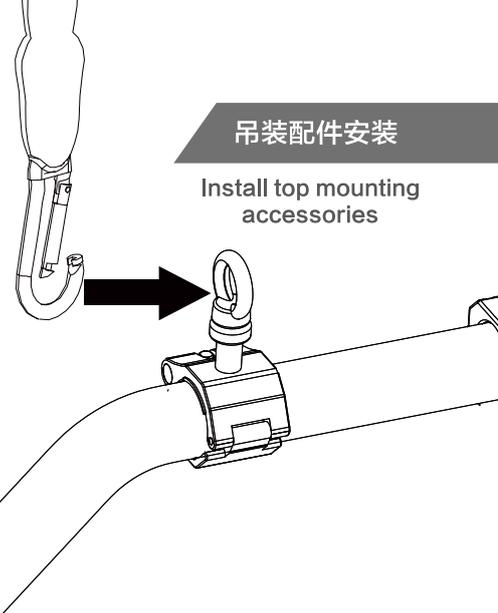


将侧装管卡安装在三轴稳定器上  
按住三轴环形适配器的开关  
扣在管卡上松开开关即可

Install the side mounting adaptor onto the 3-axis gimble, then fasten.

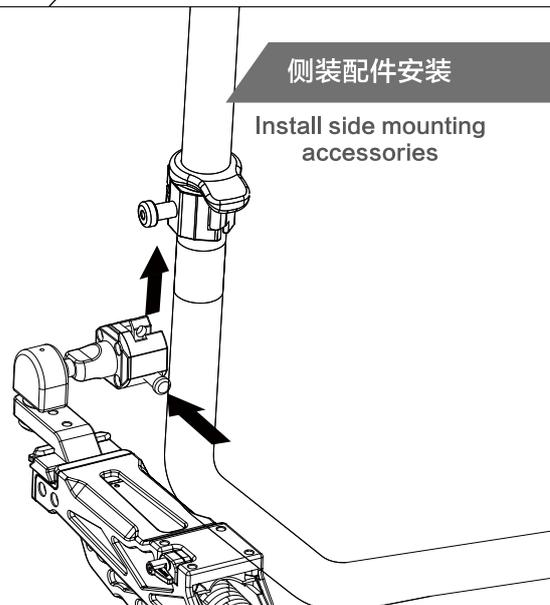
#### 吊装配件安装

Install top mounting accessories



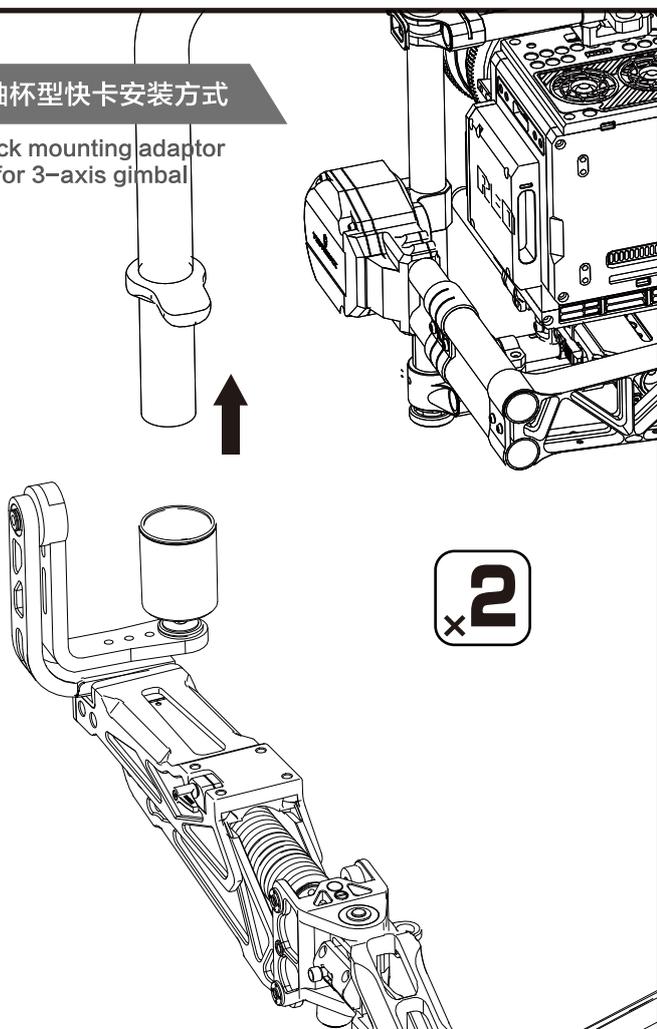
#### 侧装配件安装

Install side mounting accessories



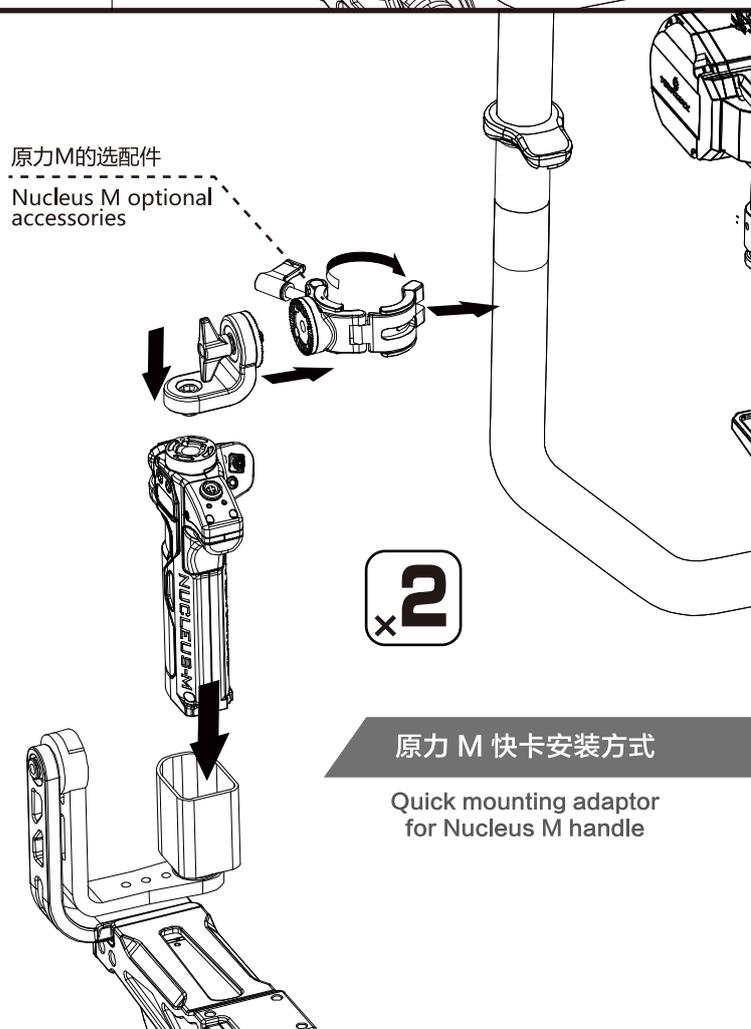
#### 三轴杯型快卡安装方式

Quick mounting adaptor for 3-axis gimbal



原力M的选配件

Nucleus M optional accessories



#### 原力 M 快卡安装方式

Quick mounting adaptor for Nucleus M handle

侧装三轴环形适配器示意图  
Side mounting on 3-axis gimbal



侧装原力 M 手柄平拍示意图  
Side mounting on Nucleus M handles



侧装原力 M 手柄低拍示意图  
Side mounting on Nucleus  
M handles at lower position



吊装减震绳平拍示意图

Top mounting on tension rope



吊装减震绳低拍示意图

Top mounting on tension  
rope at lower position





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