

产品仅适合14岁以上年龄使用  
(Not suitable for children under 14 years old)  
操作前请详阅此说明书  
(Please read through this manual before use.)



# 全地形/多用途重型轮式卡车 U.S. MILITARY TRUCK

1比12全比例仿真高速美制重型卡车  
1/12 8x8 R/C High-Imitation U.S. Military Truck



**2.4GHz**  
2.4GHz全比例遥控系统



(HG-P801/802电路系统说明书)

**HG-P801/802 Circuit System Instruction Sheet**

产品功能：前进 / 后退 / 左转 / 右转 / 高低速挡

FUNCTION: FORWARD / BACKWARD / TURN LEFT / TURN RIGHT / HIGH LOW GEAR



## 安全注意事项 <SAFETY PRECAUTIONS>

- 此无线遥控模型并非玩具!
- 操作前要完成装配,以便可享受到更多的乐趣。操作后要  
做维护工作,替换零件和自选零件可分开用。
- 干电池或充电电池的不适当使用,会损害车或无线电的  
系统。

- It is a radio control model, not a toy!
- In order to enjoy running the car, you need to finish assembly  
before operation. Do routine maintenance work after operation.  
Replacement parts and option parts are available separately.
- Improper usage with Alkaline cells or rechargeable batteries  
may damage the electronics for the car or the radio.

为了安全地操作此模型,请遵守以下规定:

<IN ORDER TO OPERATE THE CAR SAFELY, BE SURE THAT YOU HAVE OBSERVED THE FOLLOWING POINTS:>

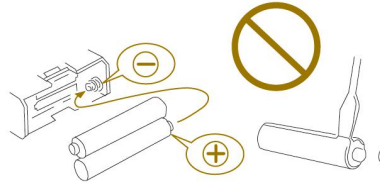


为了避免发生事故(对车和人而言),请遵循以下各项。

Please follow the points as below in order to prevent accident from happening to the car and people.



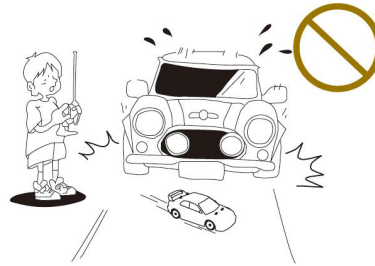
- 开始组装前,须彻底阅读说明书。  
为了正确地装配模型,首次装配  
者应请教有操作经验的人。  
Be sure to read thoroughly the  
manual before you begin. Fresh  
user should seek advice from  
people having rich experience  
in order to assemble the model  
correctly.



- 勿反接或分解电池,这会导致  
电池的破损或液漏。  
Never reverse connection /  
disassemble the battery. This  
may lead to damage and  
leakage.



- 产品含有小且尖锐的零件,所以  
在装配和贮藏时,要放在儿童摸  
不到的地方。  
As the product contains small  
and sharp parts, assemble and  
store this product only in places  
out of the reach of children.

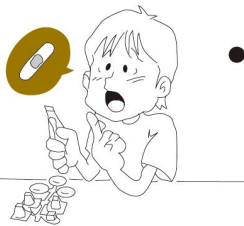


- 勿在公共车道或人群拥挤的地  
方操作模型,以免发生意外事  
故。  
Do not operate the model on  
public roads, in crowded  
places and near infant as it  
may cause accidents.



请遵循以下操作步骤,以免你的身体受到伤害或损害到材料的特性。

Please follow the following steps to operate, in order to prevent hurt to your body or damage of material property.

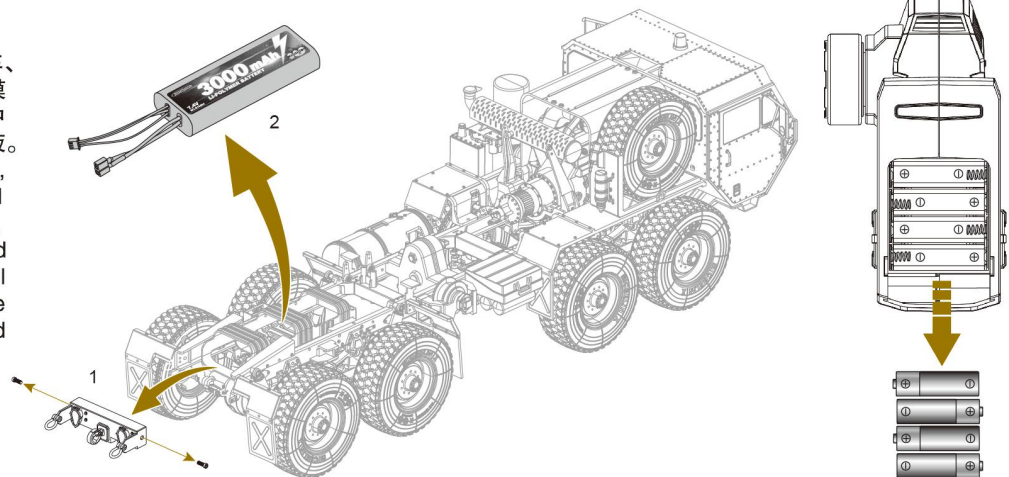


- 刀具,镊子,螺丝等需小心处理。  
Cutters, nippers and screwdrivers  
need careful handling.



- 涂装时,必须在通风设备好的  
地方。  
Painting must be done only in  
a well-ventilated area.

- 当模型不使用时,先关闭模型车、  
后关遥控器电源。此外,断开模  
型车的电池连接,并从遥控器中  
取出电池,以免电池过热或漏液。  
When the model is not in use,  
always turn off the receiver and  
transmitter. Further more,  
disconnect the batteries and  
remove them from the model  
and the transmitter. This may be  
dangerous such as overheat and  
leakage.





- 勿把模型放在高温，潮湿及阳光直射的地方。  
Do not expose this model to high temperature, humidity or direct sunlight.

## 安全操作模型 (OPERATING YOUR MODEL SAFELY)



不可在以下地方或情形下使用本车(不遵循操作惯例可能会导致事故发生)

Do NOT operate the model in the following places and situations. (Non-observance may lead to accident!)

- 只可在空旷无人的地方使用本车！勿在以下地方使用本车：

Operate your model in spacious areas ONLY with few people around! Do not operate it:

- 1、公路上。  
On road!
- 2、儿童或人群聚集的地方。  
In places where children and many people gather!
- 3、生活区公园里。  
In residential districts and parks!
- 4、室内或空间有限的地方。不遵循操作惯例可能会导致人身伤害或财产损失！  
Indoors and in limited space! Non-observance may result in personal injury and property damage!

- 须经常检查电源指示灯,确保电量充足!

Always check the power indicator to ensure the power is sufficient!

若电池电量不足,发射和接收效果将不理想。在这种情况下,车子可能会出现失控现象,也可能导致严重事故!

With weak dry batteries, transmission and reception of the radio would fall off. You may lose control of your model in such condition. This may also cause serious accidents!!



- 保持警惕,周围可能有人也在操作模型车!

Keep in mind that people around you may also operate a radio control model!

勿与他人同时使用同一频率! 否则信号会发生混乱,车子会失控,可能导致事故发生。

NEVER share the same frequency with somebody else at the same time! Otherwise, Radio signals will be mixed up and you will lose control to your model. This may lead to accidents.

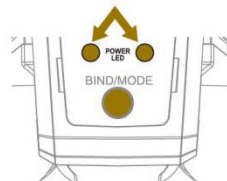


- 当车子行动异常时立即停止使用并检查其原因。

The car must stop immediately and check for the reasons when it is operating abnormal.

只要车子故障未被消除,则不能使用车子。否则可能会出现更大的故障,并发生意外事故。

As long as the problem is not cleared, do NOT operate it! This may lead to further trouble and unforeseen accidents!



为了避免发生事故或受伤,请遵守以下规定:

In order to avoid accidents and personal injury, be sure that you have observe the following points:

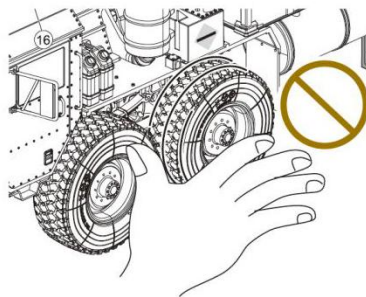
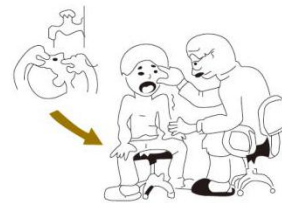
- 电池的安全:

The safety of battery:

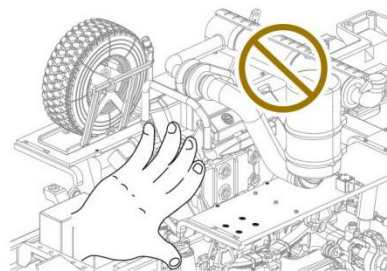
- 1、将耗尽电量的电池交给专门的环保部门处理!  
Exhaust battery should be safety dispose!
- 2、非充电电池禁止充电,否则可能有爆炸的危险!  
Non rechargeable batteries are not to be recharged, there is danger of explosion!
- 3、不可将电池扔进火源里,否则可能引起电池爆炸!  
Do not throw the of battery into a fire! There is danger of explosion!
- 4、不可吞咽电池!  
Do not swallow battery!
- 5、将电池放在凉爽、干燥避光及小孩接触不到的地方!  
Store only in cool, dry and dark places and should be keep out of the children!
- 6、电池漏液而且滴到眼睛里,请马上用大量的清水清洗,然后到附近的医院就医。  
When the battery leaks the liquid and let it into you eyes, please right away rinse them and consult an ophthalmologist.



禁止(PROHIBITED)



禁止(PROHIBITED)

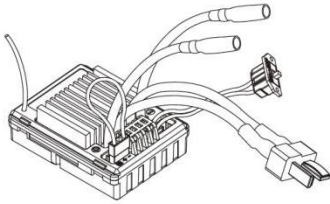


禁止(PROHIBITED)

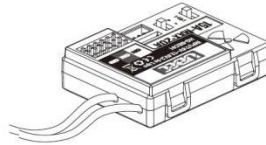
# 内容(Contents)

## 包含以下配件(Included the following parts)

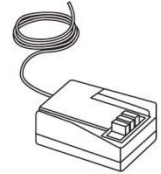
■ NO:HG-ESC01  
320A有刷电子调速器  
320A Electronic speed controller



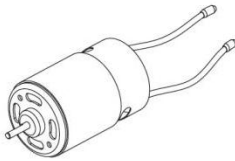
■ NO:HG-BEC01  
20A电源稳压器  
20A Power voltage regulator



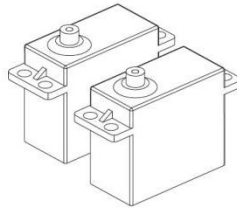
■ NO:HG-RX2  
2.4G四通高配接收机  
2.4G High-configuration fourway receiver



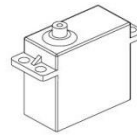
■ NO:G10401  
550级高速有刷马达  
550-Level high-speed brush motor



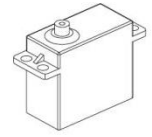
■ NO:HG-P0114  
15KG转向舵机  
15KG Steering engine



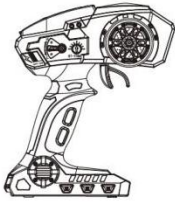
■ NO:HG-P0030  
2.2KG挂挡舵机  
2.2KG Shift gear servo



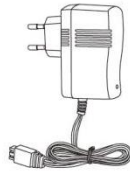
■ NO:HG-P0030  
2.2KG磨盘舵机(802专用)  
2.2KG Grinder servo (802 Dedicated)



■ NO:HG-TX2  
遥控器  
Transmitter



■ NO:WE0021 (另购)  
充电器 (Purchased separately)  
Charger



■ NO:HG-S3004 (另购) (Purchased separately)  
7.4V 3000 mAh 大倍率锂电池  
7.4V 3000 mAh Large power  
Li-Po battery



■ NO:HG-P801/802  
结构/电路系统说明书  
Structure /Circuit system  
instruction sheet



(以上配置如更改, 恕不再另行通知!)(No further notice if the above configurations were changed.)

## 遥控器功能介绍(Transmitter function introduce)

本公司为模型车配置了一个新式遥控器。请仔细阅读说明书上的操作内容。下列是遥控器各功能说明的名称。  
Our company has been configured a new-style transmitter for model car. Please read the instruction manual carefully.  
The following is the transmitter's description of all functions.

(The setting of the methods are different from product variants.)

(模式因产品而设置不同)

模式显示灯 Mode indicator

转向切换键 Steering switch key

转向比微调旋钮 Steering trimmer

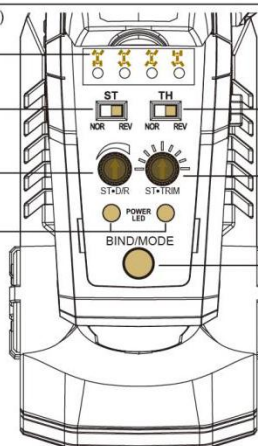
电源指示灯 Indicator light

### 电源指示灯说明

- 红绿灯同时亮灯, 表示满电。
- 红灯恒亮, 表示电压不足。
- 红灯闪烁, 表示低电压报警 (请立即更换电池)。
- 红绿灯交替闪烁为对频状态。

### Power Indicator Light Instruction

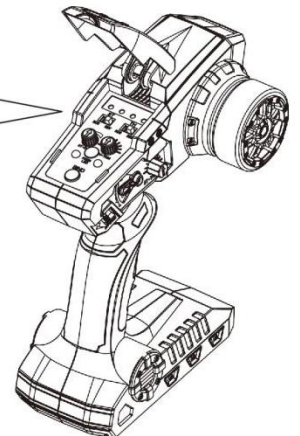
- It is full in power when red and green light is on in same time.
- It is under voltage when red light is normally on.
- It is in low voltage alarm condition when red light flash.(Please replace the battery immediately.)
- It is calibration frequency when red and green light flash alternately.



油门切换键  
Throttle switch key

CH3微调旋钮  
CH3 Fine adjustment knob

对频/磨盘开关控制转换  
(CH4)  
Decoding/Grinder switch  
control conversion (CH4)



当模型前进时，在无转向操作下，模型向左转/右转，请用下面转向微调调整模型。当模型向左转时，请顺时针方向旋转转向微调；当模型向右转时，请逆时针方向旋转转向微调。  
 When the model run forward, under the operation of no-turn, please use the following steering fine-tuning to control it to the left or the right, this time please use the steering trimmer below to trim this model. When the model deviates to the left, please rotate the steering trimmer in clockwise direction; When the model deviates to the right, please rotate the steering trimmer in anticlockwise direction.

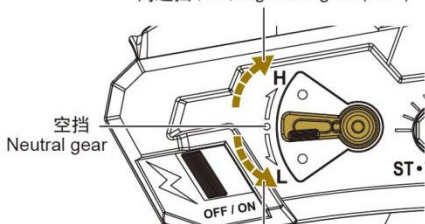


方向左转(CH1)  
Direction left turn(CH1)

方向右转(CH1)  
Direction right turn(CH1)

**此功能适用于HG-P攀爬车系列**  
**This function applies to HG-P trial series**

高速挡 (CH4) High shift gear (CH4)

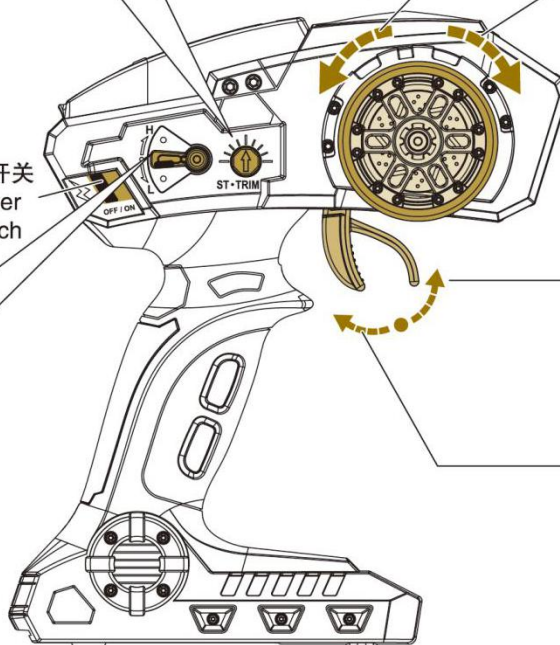


低速挡 (CH4) Low shift gear (CH4)

建议初学者先切换到低速挡学习操作模型，等操作熟练后在切换到高速挡。

For the first learner, it is highly recommended to shift to the low-speed gear and operate it first. When you become familiar with operating, please shift it to the high-speed gear.

电源开关  
Power Switch



后退(CH2)  
Backward(CH2)

前进(CH2)  
Forward(CH2)

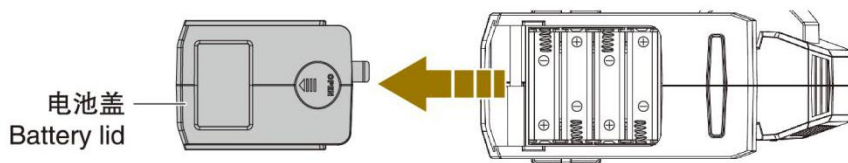


以上功能将因产品配置不同而改变。请以实际产品为准。

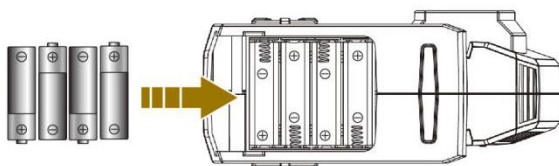
The function above will be changed with the product content. Please be subject to the real product.

**遥控器电池的装配(Assembly of the transmitter battery)**

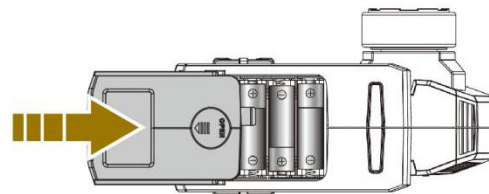
- ①、移开电池盖  
Remove the battery lid



- ②、如图所示，装入4粒AA号碱性电池。并注意电池正负极是否正确装入。(AA号碱性电池需另购)  
Load 4 AA-size alkaline batteries as shown in the illustration. Caution: install batteries with correct polarity. (AA-size alkaline batteries needs to be purchased separately)



- ③、如图所示合上电池盖。  
Replace the lid as shown.



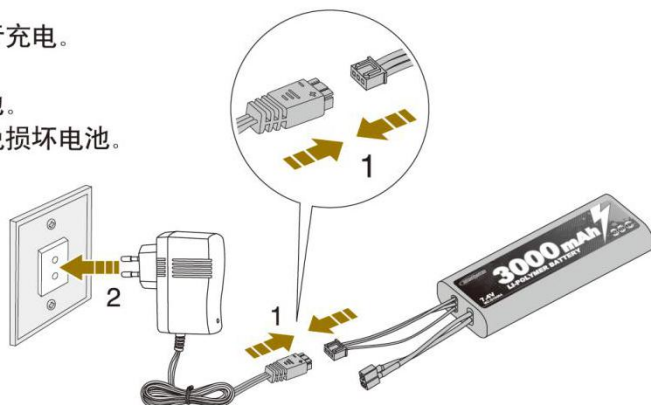
# 模型电池的装配(另购) (Assembly of the model battery(Purchased separately))

## ①、电池使用说明 Battery Tips

1. 由于产品出厂电池不是满电状态，第一次使用时请对电池进行充电。
2. 充电时，先连接充电器插头到电源上，再接上电池。
3. 指示灯为红色表示正在充电，指示灯为绿灯时候应该拔掉电池。
4. 如果充电器指示灯是绿色时表示过度放电，不能一直插着以免损坏电池。

- Please charge the battery before first using.
- Plug the charge to socket the connect with the li-ion battery.
- It is charging when the charger light is red, disconnect the battery when light green or it may led to battery discharge and leakage.

建议使用2S 7.4V 3000mAh 35C 以上锂电池。  
Use the lithium battery 2S 7.4V 3000mAh 35C is suggested.



## ! 提示 TIPS

为了更好的使用电池，在充电器没有连接电源插座的情况下请拔出电池，以免电池自耗电，造成不必要的损耗。

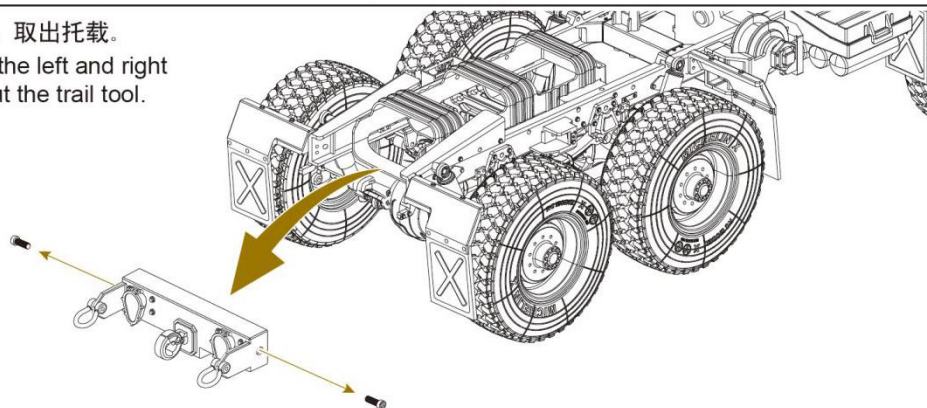
TO prolong the service of batteries, don't connect the battery to charger without plugging it in the power source, otherwise it will discharge and bring damage to batteries.

当电池在充电时，充电器指示灯应为红色，电池充满电时指示灯应为绿色。当充电器连接了电池而没有连接电源插座，指示灯为绿色时，表示电池在放电，应该重新插入电源充电，否则严重将导致电池报废。

During the battery charging, the charger light should be red. The indicator light should turn green when the battery is full charged. If the light is green, it will discharge and you should re-plug in to recharge the battery, otherwise it would be damaged if serious.

## ②、松开托载左右两颗螺丝，取出托载。

Loosen each screw on the left and right side of trail tool, take out the trail tool.



## ③、安装电池 Installing battery



- (1)、安装电池前，请将模型的电源开关推向“OFF”位置。

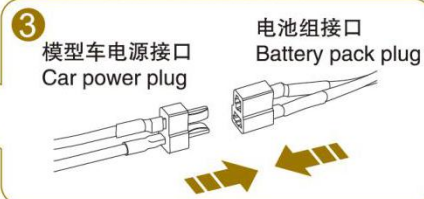
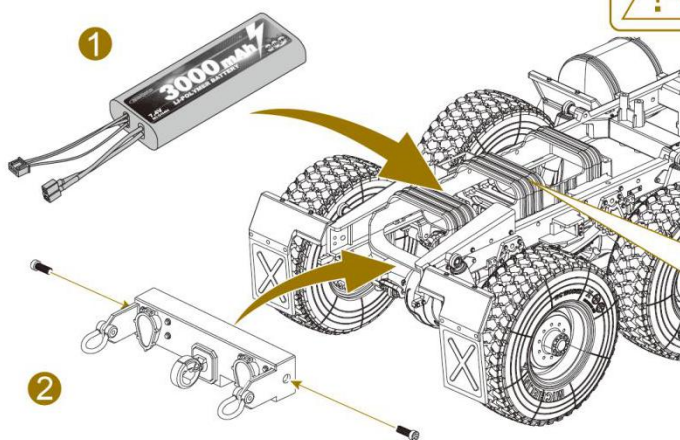
Install the battery front, turn the power switch handle of the model to the “OFF” position.

- (2)、电池正负极是否正确装入。

Caution: install batteries with correct polarity.

- (3)、电池装入后，安装托载，锁上两边螺丝。

Load battery, and assemble the trail tool, lock two screws on two sides.

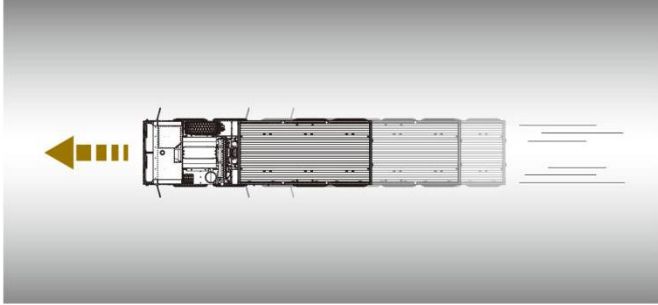
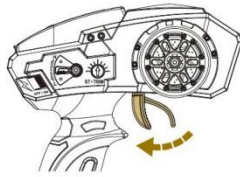


如产品长时间不使用，请立即将电池插头从产品中拔出，取出电池！

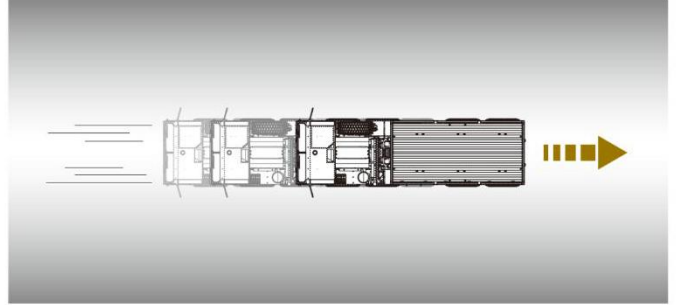
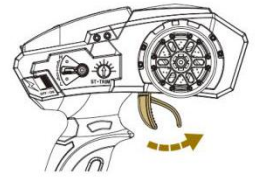
If not to use the product for a long time, please immediately unplug the plug from the product and take out batteries.

## 操作方法(Control methods):

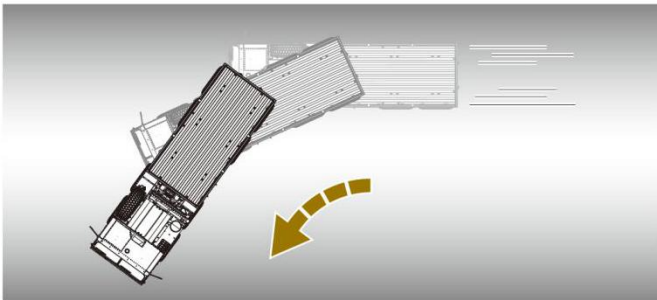
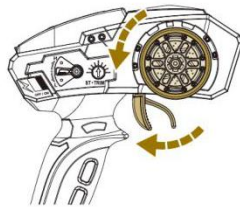
- (1). 前进: 将遥控器油门往后拉, 军卡车前进。  
To move forward: Pull back the controller accelerator and the truck will move forward.



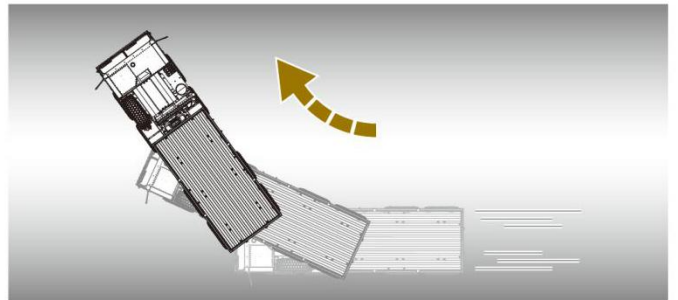
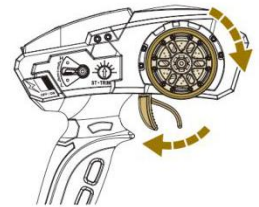
- (2). 后退: 将遥控器油门往前拉, 军卡车后退。  
To move backward: Push front the controller accelerator and the truck will move backward.



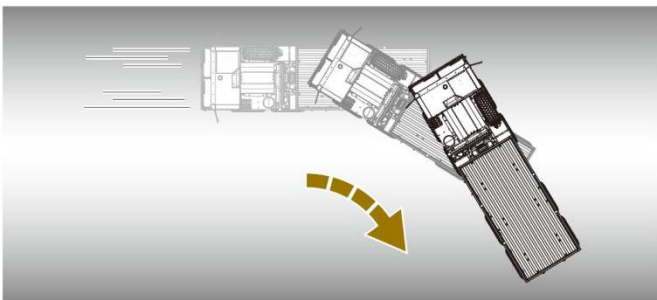
- (3). 前进并左转: 将遥控器油门往后拉, 同时再将方向盘逆时针方向旋转, 军卡车前进并左转; 单独逆时针方向旋转方向盘, 也可实现左转。  
To move forward and turn left: Pull back the controller accelerator and the truck the steering wheel by anticlockwise simultaneously; the truck will move forward and turn left. The truck will also turn left by only turning the steering wheel anticlockwise.



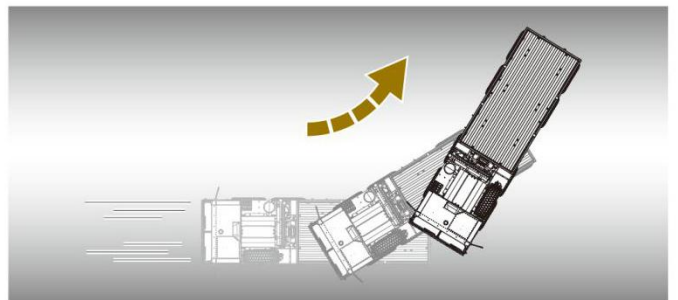
- (4). 前进并右转: 将遥控器油门往后拉, 同时再将方向盘顺时针方向旋转, 军卡车前进并右转; 单独顺时针方向旋转方向盘, 也可实现右转。  
To move forward and turn right: Pull back the controller accelerator and turn the steering wheel by clockwise simultaneously; the truck will move forward and turn right. The truck will also turn right by only turning the steering wheel clockwise.



- (5). 后退并左转: 将遥控器油门往后拉, 同时再将方向盘逆时针方向旋转, 军卡车后退并左转。  
To move backward and turn left: Pull front the controller accelerator and turn the steering wheel by anticlockwise simultaneously; the truck will move backward and turn left.



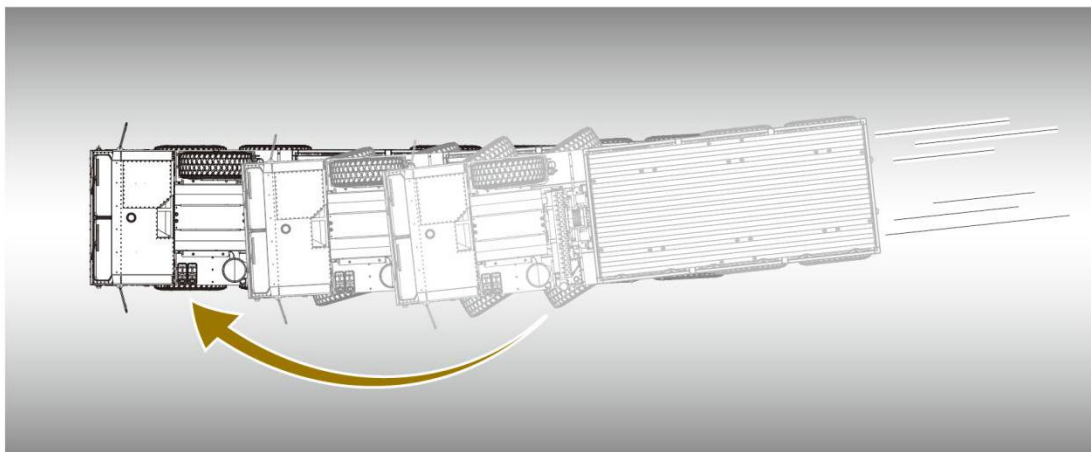
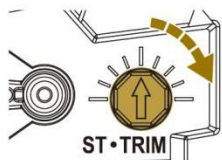
- (6). 后退并右转: 将遥控器油门往后拉, 同时再将方向盘顺时针方向旋转, 军卡车后退并右转。  
To move backward and turn right: Pull front the controller accelerator and turn the steering wheel by clockwise simultaneously; the truck will move backward and turn right.



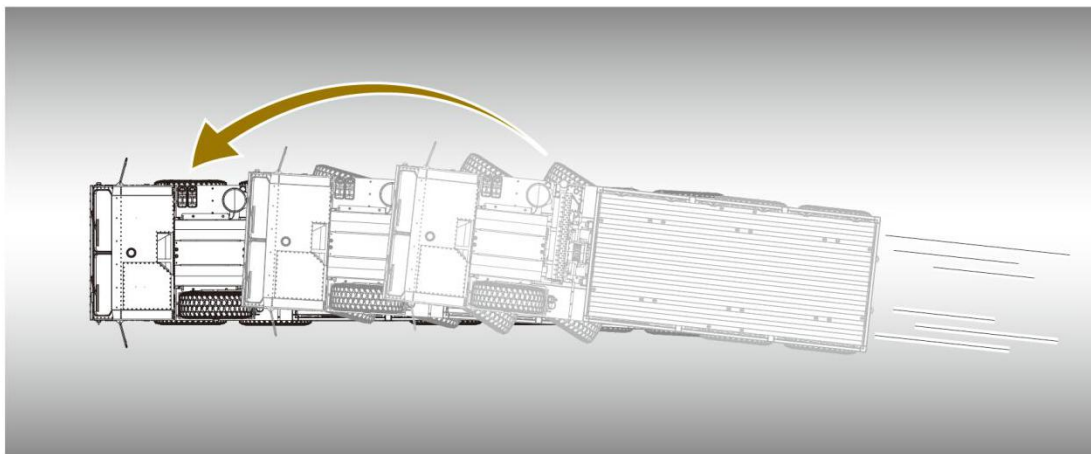
2、微调说明：当模型前进时，没转动方向盘，模型向左转/右转，请用下面转向微调调整模型。

When this model is advancing forward with steer not being rotated, if this model still deviates to the left or to the right, this time please use the steering trimmer below to trim this model.

- (1). 当模型向左转时，请顺时针方向旋转转向微调。  
When the model deviates to the left, please rotate the steering trimmer in clockwise direction.



- (2). 当模型向右转时，请逆时针方向旋转转向微调。  
When the model deviates to the right, please rotate the steering trimmer in anticlockwise direction.

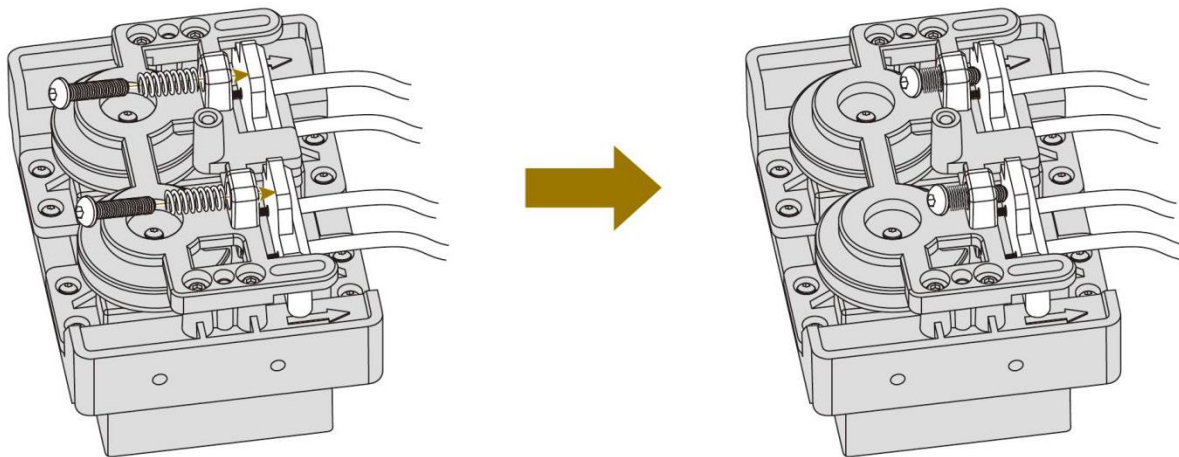


3、结构调整说明：

- (1). 如转向出现间隙、虚位，请将微调螺丝锁紧一点（顺时针方向）。  
(2). 如出现转向阻力过大或缓慢，请将微调螺丝调松一点（逆时针方向）。


Structure adjustment instructions:

- (1) If there is a gap or disatema in the steering position, please lock the tangent screw a little more tightly (clockwise).  
(2) If the resistance of steering is too large or slow, please loosen the tangent screw a bit (anticlockwise).

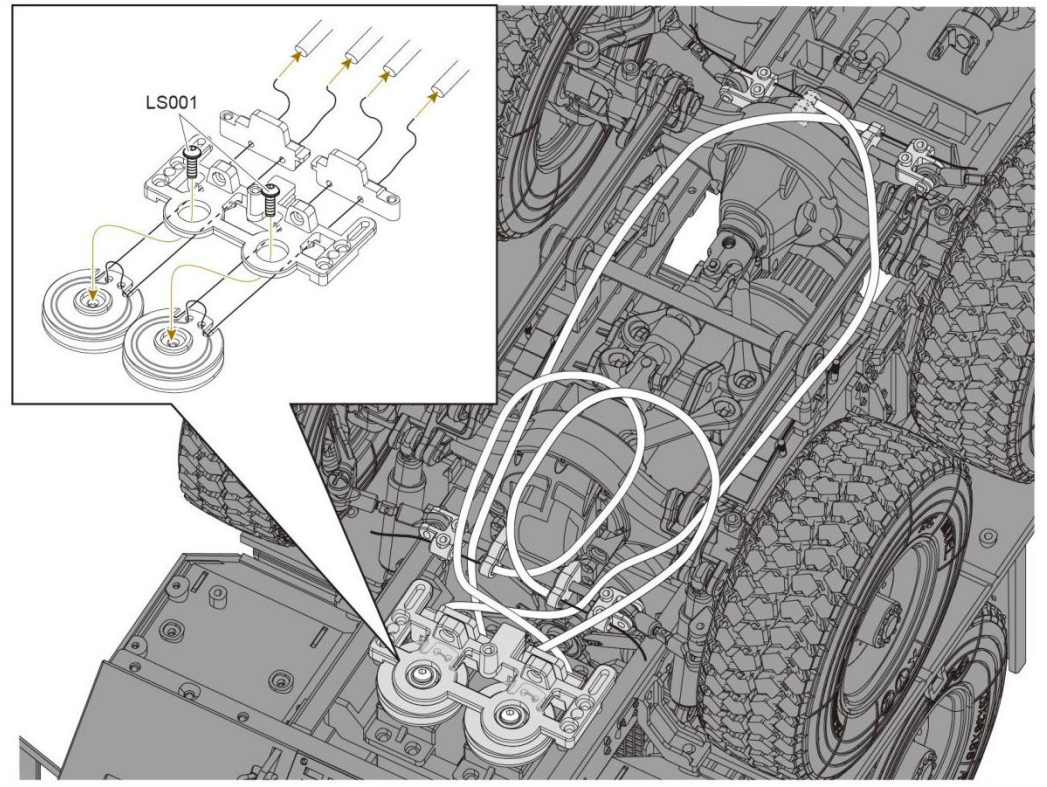




# 8X8 8WD电路系统安装图 (8X8 8WD Circuit system installation drawing)

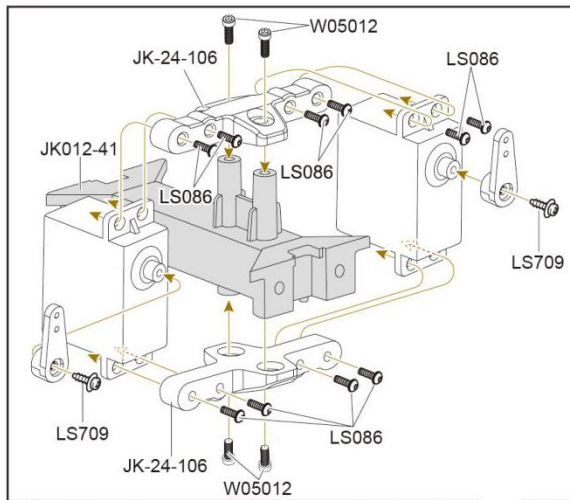
-  ----- 2  
LS001 3X6mm TM螺丝 Screw

## 1 转向机构 Steering Gear



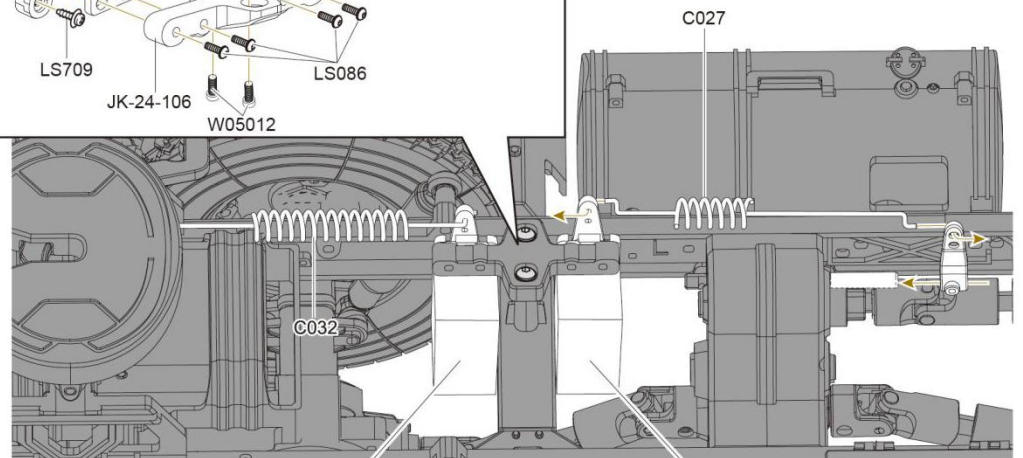
-  ----- 6  
W05012 2.5X6mm HM螺丝 Screw
-  ----- 8  
LS086 2.5X6mm TM螺丝 Screw
-  ----- 2  
LS709 2.3X5X5mm 带介螺丝 Flange screw

## 2 挂挡舵机 / 802磨盘舵机结构安装 Shift Gear/ 802 Grinder Servo Installtion



磨盘舵机是HG-P802专用舵机，HG-P801无需安装。

Millstone servo is specially used by HG-P802. It is no need for HG-P801 to assemble it.

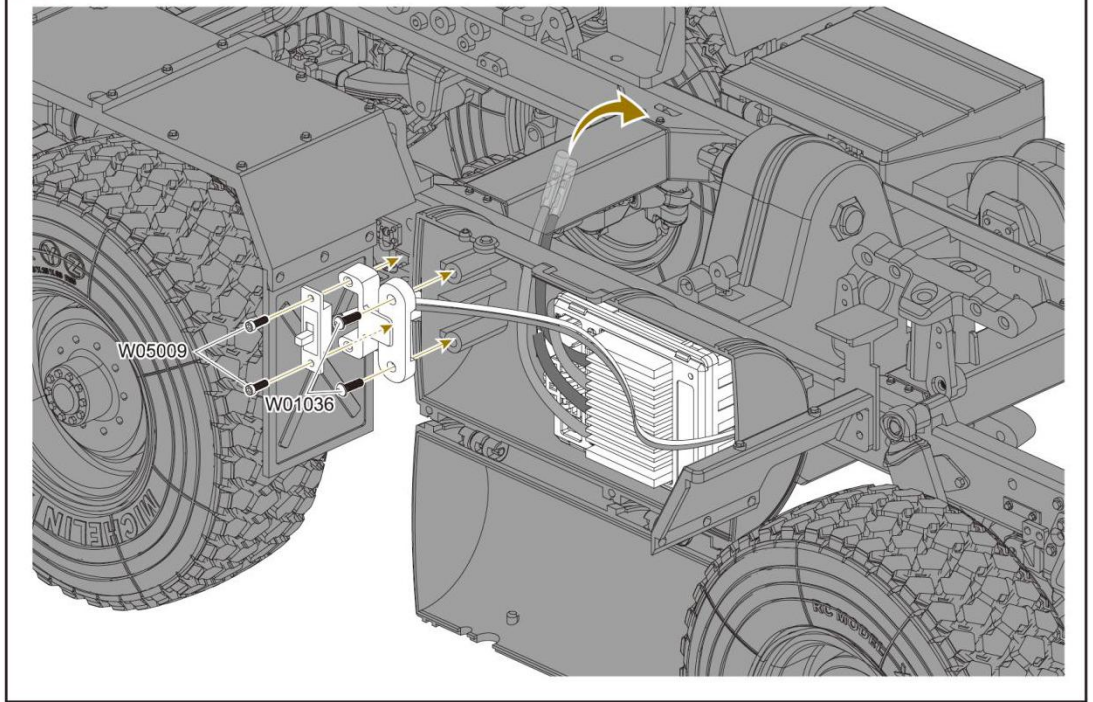


802磨盘开关舵机  
802 Millstone on/off servo

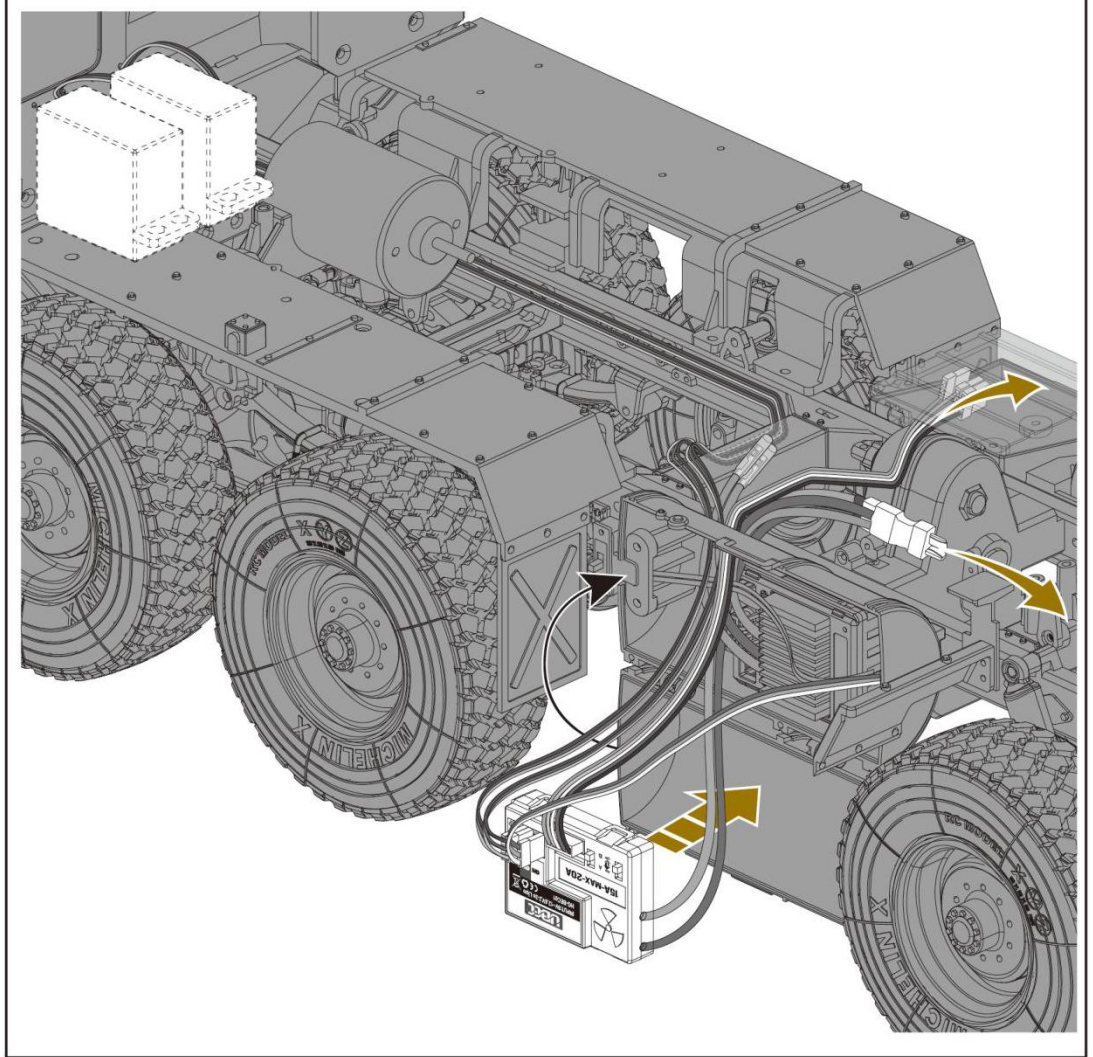
高低速挂挡舵机  
Low/high-speed shift gear servo

- 
 ----- 2  
 W05009 2X6mm HM螺丝 Screw
- 
 -----  
 W01036 2.6X6mm TB螺丝 Screw

### 3 ESC电调装置安装 Electronic Speed Controller Installation



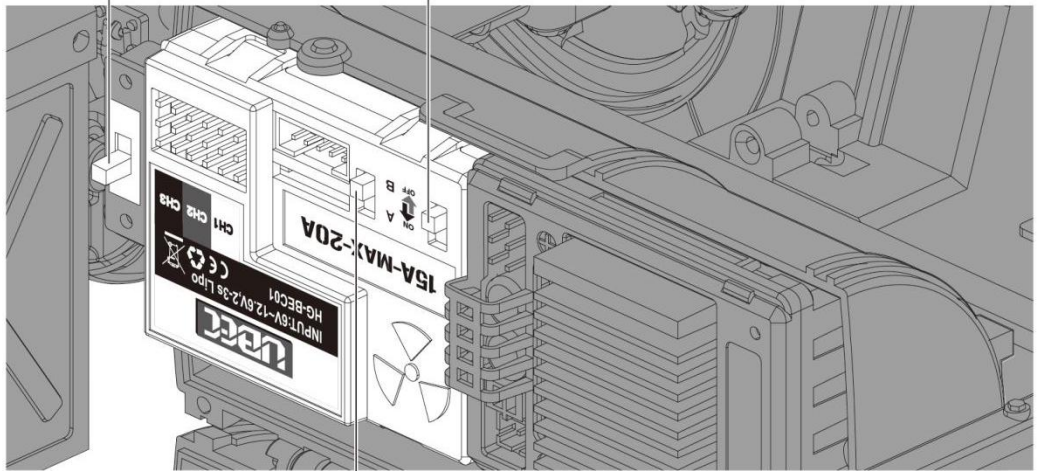
### 4



# 5

Truck remote controlled  
ESC on/off switch  
卡车遥控电子调速器电源开关

UBEC on/off switch - RTR set power switch  
(As the power control of peripheral equipment allocation, including receiver power)  
UBEC电源开关 (整车电源开关)  
(作为外设设备的电源控制, 含接收机电源)



A: 开 B: 关  
UBEC电源接收机供电开关  
(有电调给接收机供电需关闭)

A: ON B: OFF  
UBEC power receiver on/off switch:  
should be close when the receiver power is from ESC.

**开机步骤:** ①先将电源总开关打开。  
②再将卡车电子调速器电源开关打开。

**RTR set starting steps:**  
① Firstly turn on the master power switch;  
② Then turn on the truck ESC switch.

**关机步骤:** ①先将卡车电子调速器电源开关关闭。  
②再将电源总开关关闭。  
③断开电池插头, 取出电池。

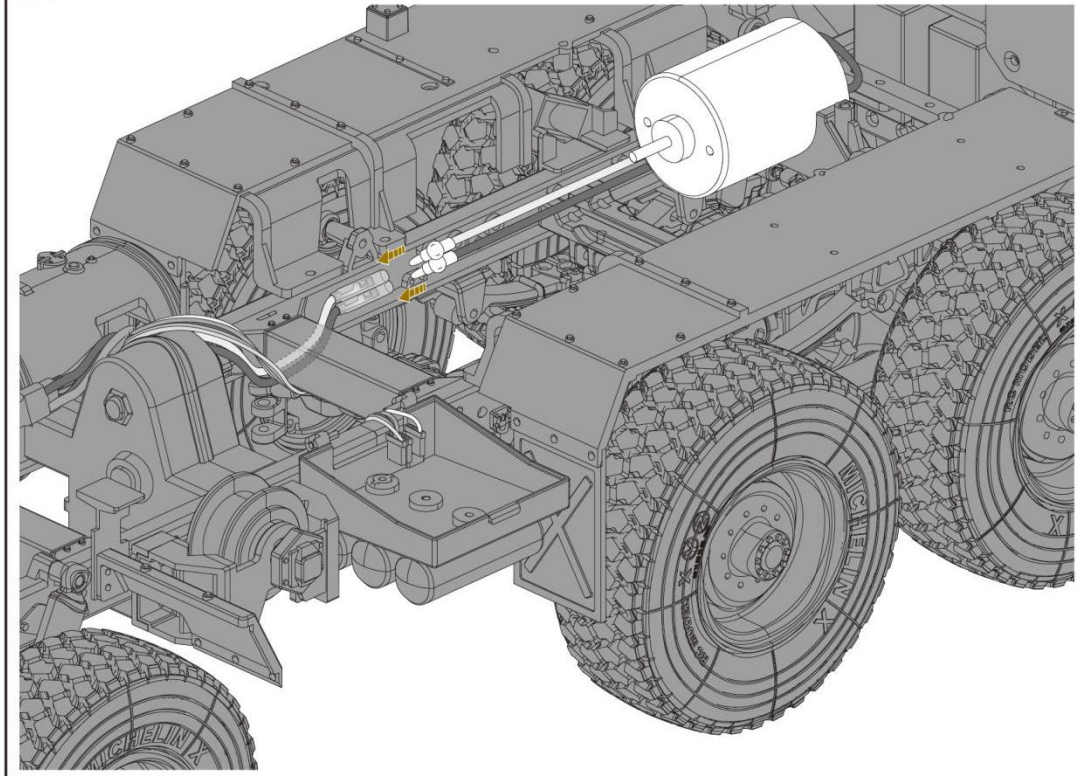
**RTR set ending steps:**  
① Firstly turn off the truck ESC switch;  
② Then turn off the master power switch.  
③ Disconnect the batteries plug and take out batteries.

● 电源接收供电开关打开后, 电子调速器开关将无作用。标准应将电源供电开关打开到“A”对接收机进行供电。  
After turning on the UBEC power receiver on/off switch, the ESC switch is no use. According to standard should turn on the power switch to "A" and power the receiver on.

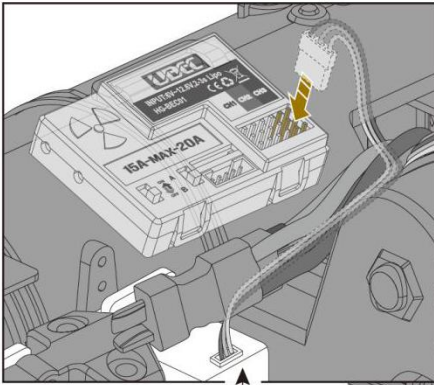
● A/B接收电源开关动作将只对6V接收机电源输出起作用, 对卡车的操控没有开/关作用。  
A/B current source receiver on/off switch is only used to current source output of 6V receiver, not to control the Truck.

# 6

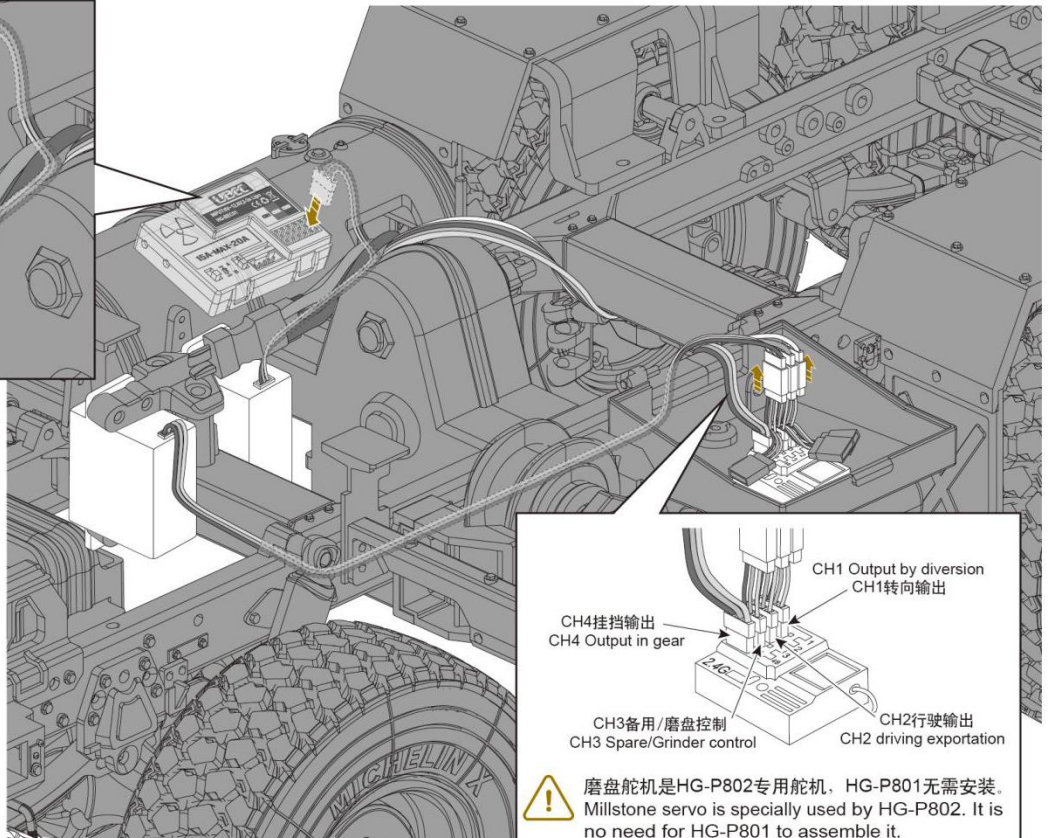
## 马达与ESC电调的连接 Motor & Electronic Speed Controller Connection



## 7 挂挡舵机与接收机的连接 Shift Gear Servo & Receiver Connection



高低速挂挡舵机  
Low/high-speed shift gear servo

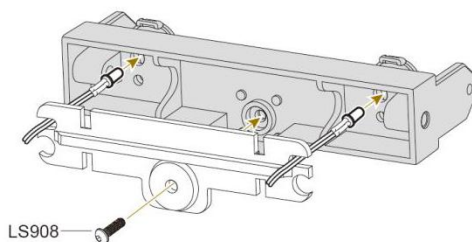
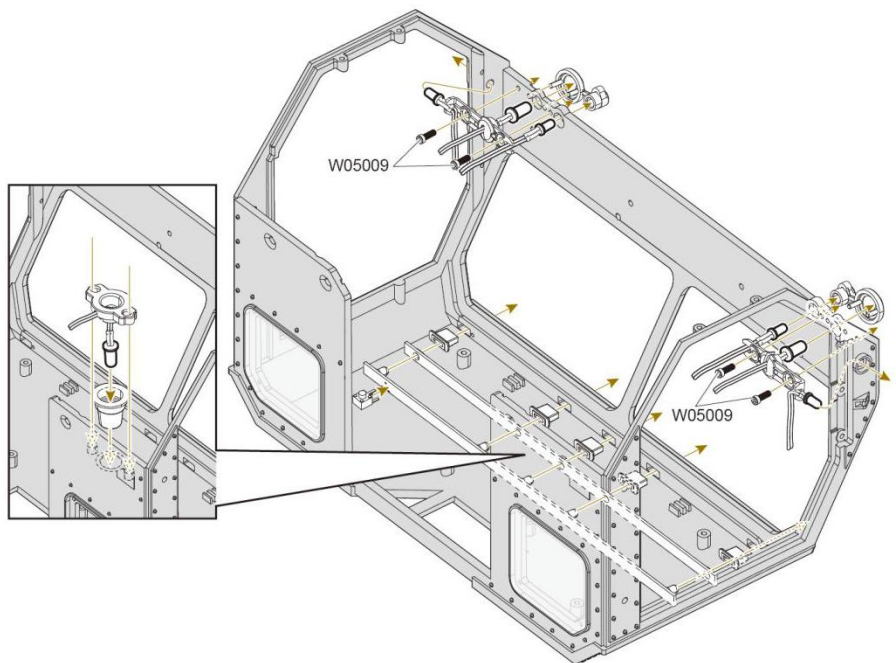


CH1 Output by diversion  
CH1转向输出  
CH4挂挡输出  
CH4 Output in gear  
CH3备用/磨盘控制  
CH3 Spare/Grinder control  
CH2行驶输出  
CH2 driving exportation

**!** 磨盘舵机是HG-P802专用舵机，HG-P801无需安装。  
Millstone servo is specially used by HG-P802. It is no need for HG-P801 to assemble it.

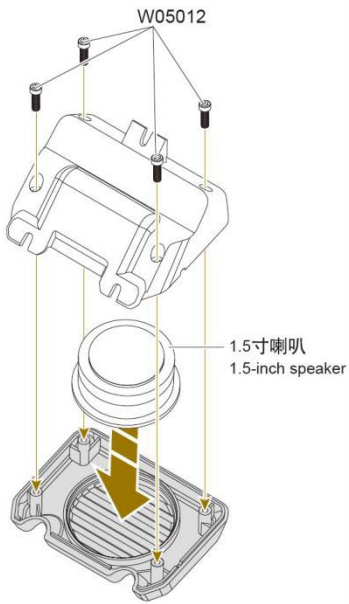
-  ----- 1  
LS908 2.5X8mm TM螺丝 Screw
-  ----- 4  
W05009 2X6mm HM螺丝 Screw

## 8



**!** 所有车灯为另购配件。  
All lights for the vehicle  
need to be purchased  
separately.

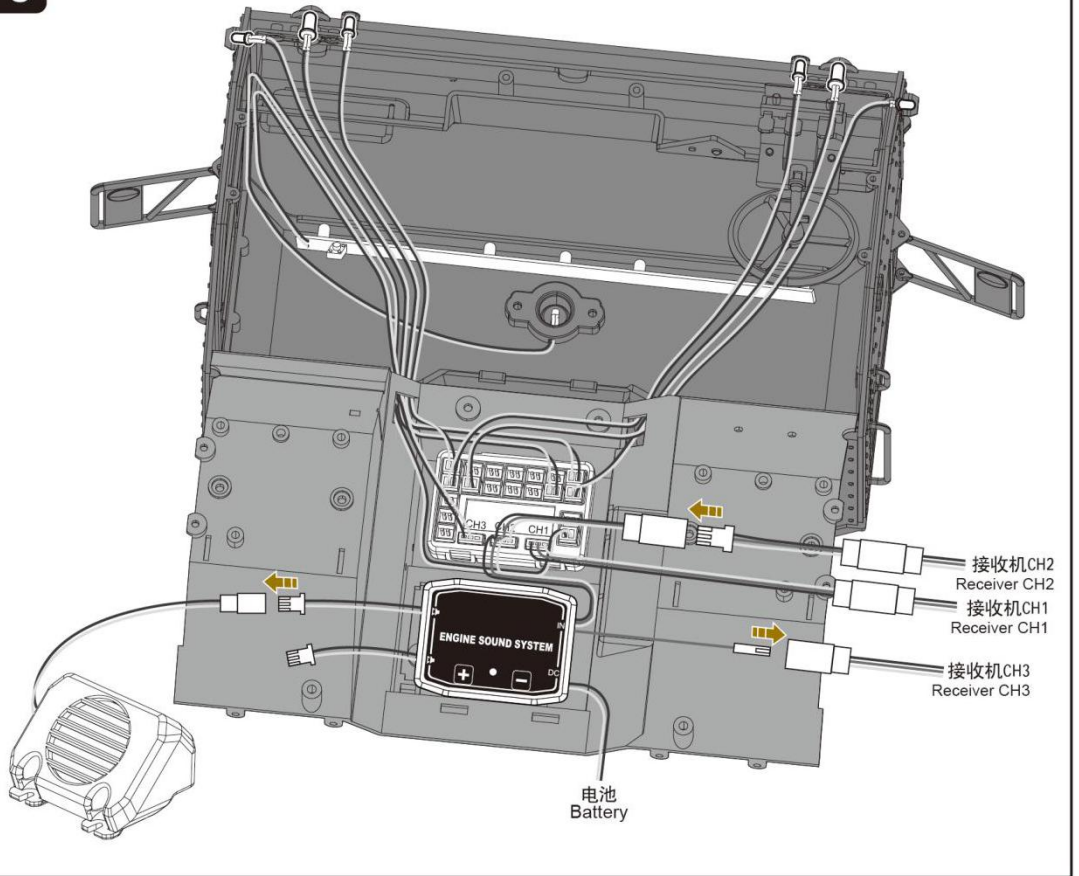
W05012 2.5X6mm HM螺丝 Screw



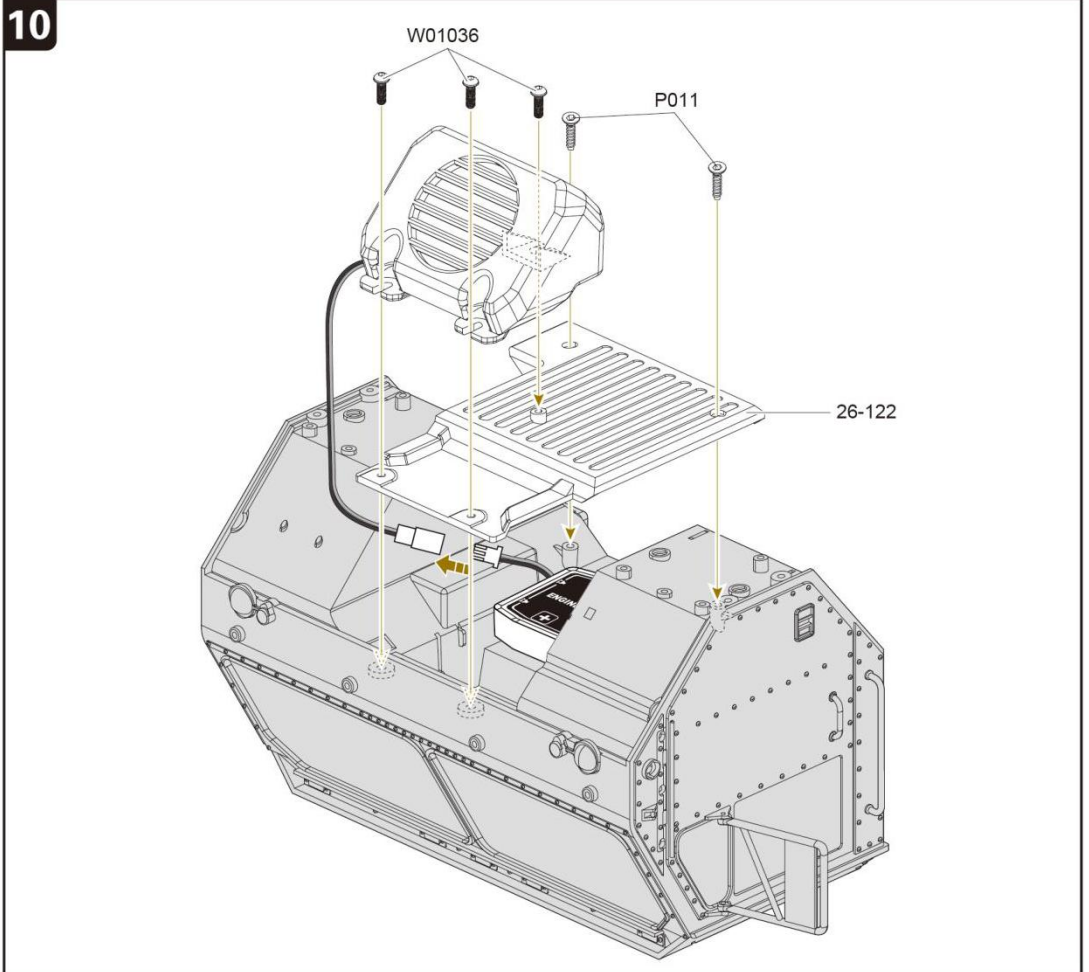
喇叭为另购配件。  
Speakers need to be purchased separately.

W01036 2.6X6mm TB螺丝 Screw  
P011 2.6X8mm KB螺丝 Screw

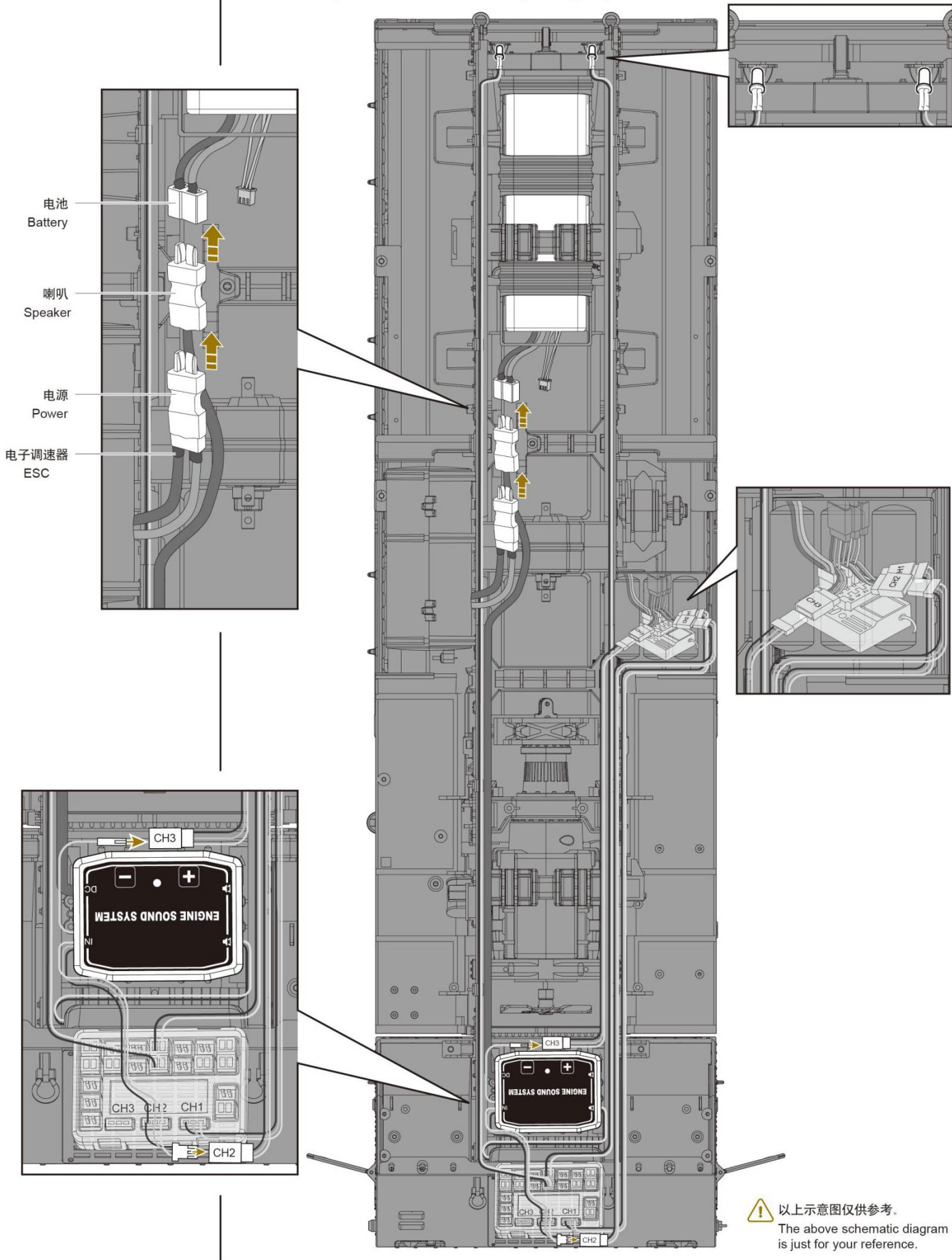
9




10

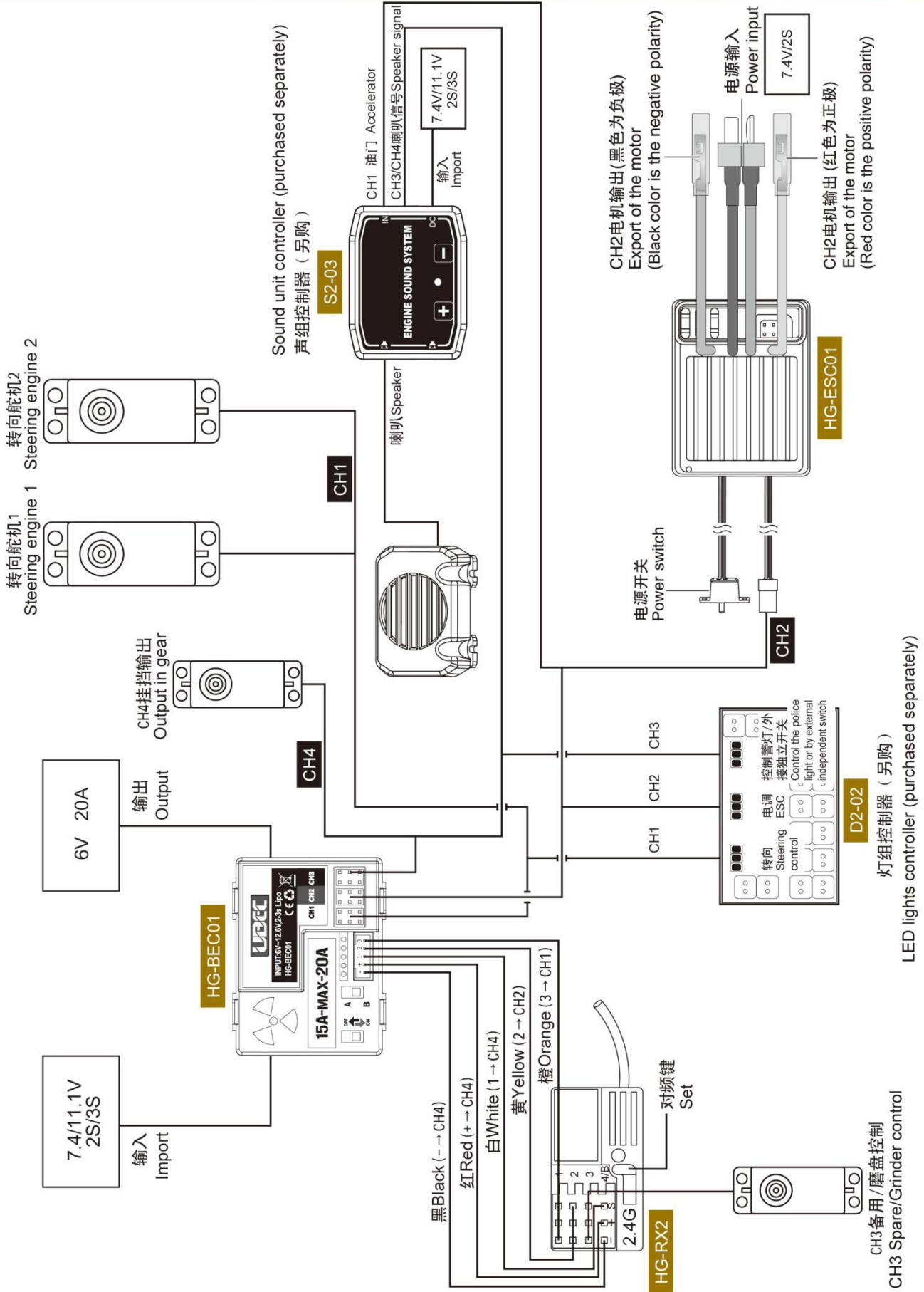


# 11 军卡声光系统连接示意图 Military Truck Sound & Lighting System Connection Schematic



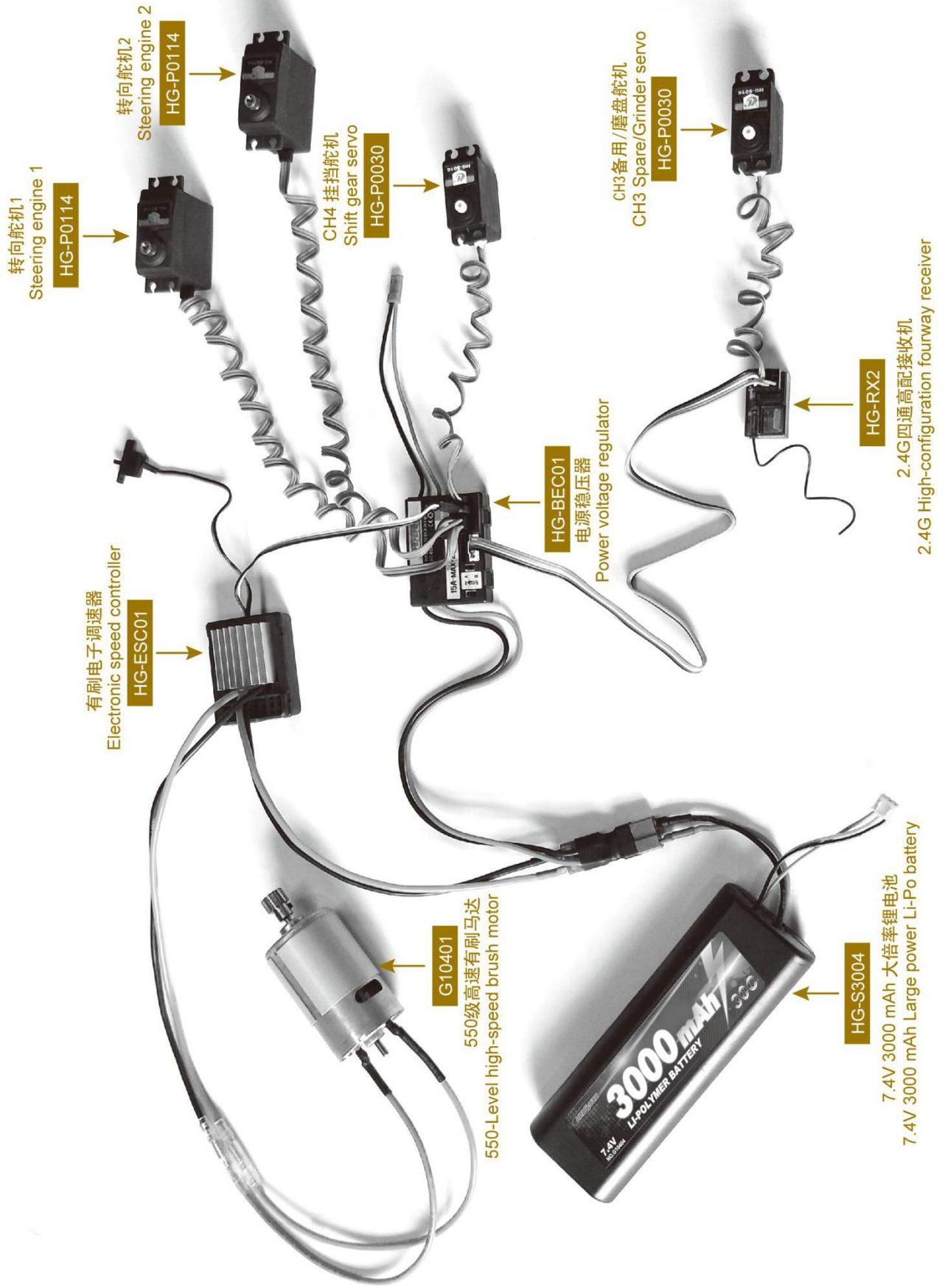

 以上示意图仅供参考。  
 The above schematic diagram  
 is just for your reference.

# 军卡全车总设备连接示意图 (Military Truck RTR Full-set Connection Schematic)



⚠ 以上示意图仅供参考。  
The above schematic diagram is just for your reference.

军卡全车总设备连接实物图 (Military Truck RTR Full-set Connection wiring Physical Picture)





# 卡车配置升级另购设备指南(RTR)

## Truck Upgrades Configuration Additional Equipment Purchase Guide (RTR)

### 1、发动机声音仿真系统 Engine sound simulation system

#### 警告

- 请仔细阅读使用说明书，本引擎仿真器不正确的设定会导致喇叭损坏；
- 由于功率放大器属于发热器件，因此需要确保使用过程中良好的散热；
- 不同电压下声音仿真器功放输出功率不同，在使用不同S数电池时请调节音量来控制功率输出，高电压下过高的音量输出会导致喇叭损坏；
- 严禁长时间保持最大油门输出，此时由于喇叭负载较大，容易损坏。

#### Notice

- Please read the instructions carefully. Incorrect setting of this engine simulator will cause speaker damage;
- The amplifier should be well ventilated;
- The output power of the analog power amplifier is different under different voltage. In the use of different S numbers, the power output is controlled by adjusting the volume. High volume output at high voltage will cause the damage of the loudspeaker.
- It is forbidden to maintain the maximum throttle output for a long time, because the loudspeaker load is large, so it is easy to damage.

#### 喇叭说明

当使用2S及以上锂电池时音量从小往大增加，直到喇叭出现失真位置，往回调低一档，确保喇叭能够承受当前的功率输出，避免喇叭的损坏。

#### Speaker description

When the 2S and above lithium batteries are used, the volume increases from an early age to the loudspeaker, until the loudspeaker is distorted, and the one gear is lowered to ensure that the speaker is able to withstand the current power output to avoid the damage of the loudspeaker.

#### 声明

喇叭属于易损耗物品，使用前根据所使用的喇叭功率做好音量匹配工作，由此引起的喇叭损坏不作为产品质量问题。

#### Statement

The loudspeaker is an easy to wear item, and the volume matching work is done before the use of the loudspeaker power used. The damage caused by the loudspeaker is not the quality problem of the product.



**警告：电源反接将导致设备损坏。**

**Warning: Power reverse will cause damage to the equipment.**

#### 产品规格

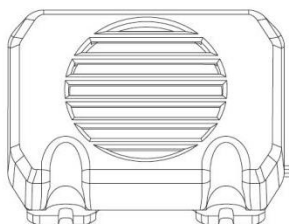
- 供电范围：2S-4S
- 最大功率：20W\*2
- 喇叭规格：4Ω/8W
- 具备第三通道混控功能，用户通过遥控器第三通道控制声音输出(报警声、喇叭声)

#### Product specification

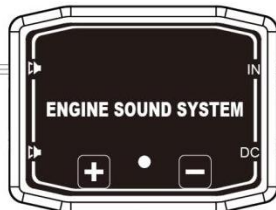
- Power supply range: 2S-4S
- Maximum power: 20W\*2
- Loudspeaker specification: 4 Ω /8W
- It has third channel mixing control function, and the user controls the sound output (alarm sound, horn sound) through the third channel of the remote control.

- ①. 功放电源输入
- ②. 连接CH3/CH4信号 (CH3空置时可用)
- ③. 接收机油门信号输入
- ④. 连接CH1 ESC信号
- ⑤. 喇叭A或喇叭B

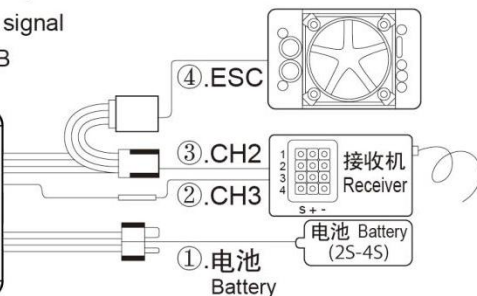
- ①. Power amplifier input
- ②. Connect CH3 / CH4 signal (CH3 is available when empty)
- ③. Receiver throttle signal input
- ④. Connect the CH1 ESC signal
- ⑤. Speaker A or speaker B



喇叭 Speaker



主机  
Mainframe machine



## 声组功能说明

### ● 音量调节

音量调节总共7档。音量增加：短按“+”，音量减少：短按“-”。

### ● 引擎声音切换

系统总共包含5个引擎声音。在运行模式下，长按“-”，系统会自动跳转到下一个声音。

### ● 喇叭鸣笛声音切换/AUX通道

SG引擎声音模拟系统具备第三通道功能，可以通过遥控器的第三通道信号发出鸣笛声。系统总共包含5个鸣笛声音。在运行模式下，长按“+”，系统会自动跳转到下一个声音。

## 备注

产品将会根据市场不同作出变更标准版本5种引擎声5种鸣笛。有的型号产品将会有更多的声音可以选择。

### Remarks

Products will be changed according to the market Standard Version, 5 kinds of engine sounds, 5 kinds of whistles. Some models will have more voice choices.

## Sound group functional description

### ● Volume control

The volume is adjusted to a total of 7 stalls.

The volume increases: short press "+", volume reduction: short press "-".

### ● Engine sound switching

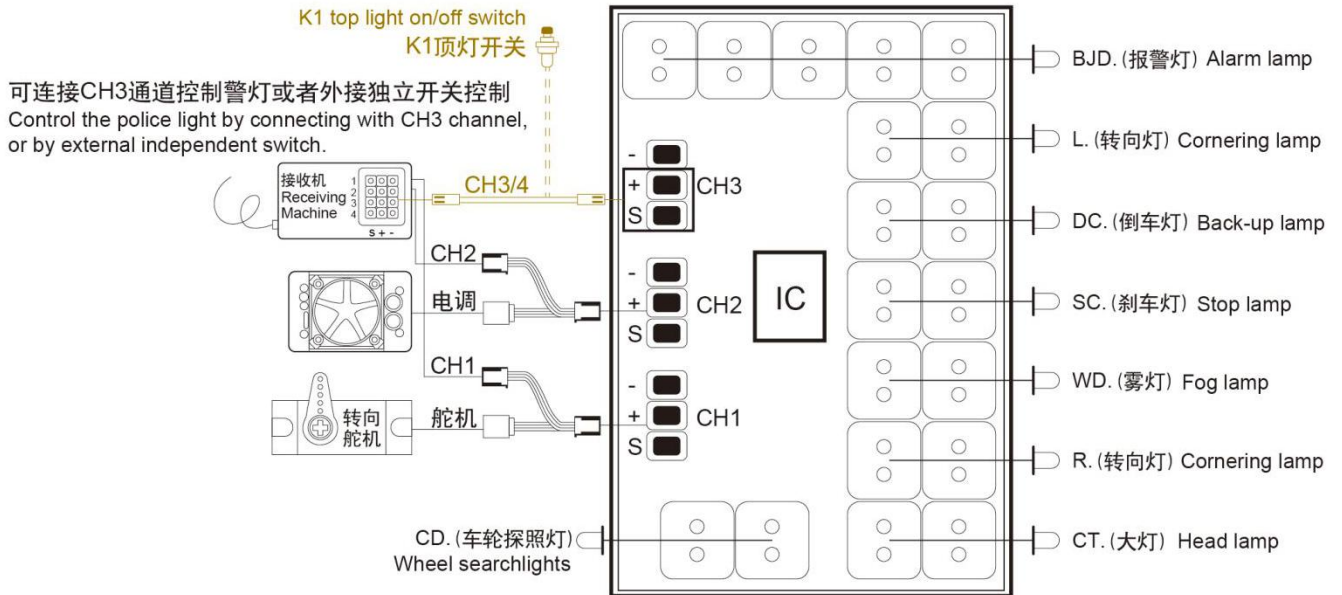
The system contains a total of 5 engine sounds. In operation mode, the system will automatically jump to the next sound when is pressed by "-".

### ● Loudspeaker whistle sound switching /AUX channel

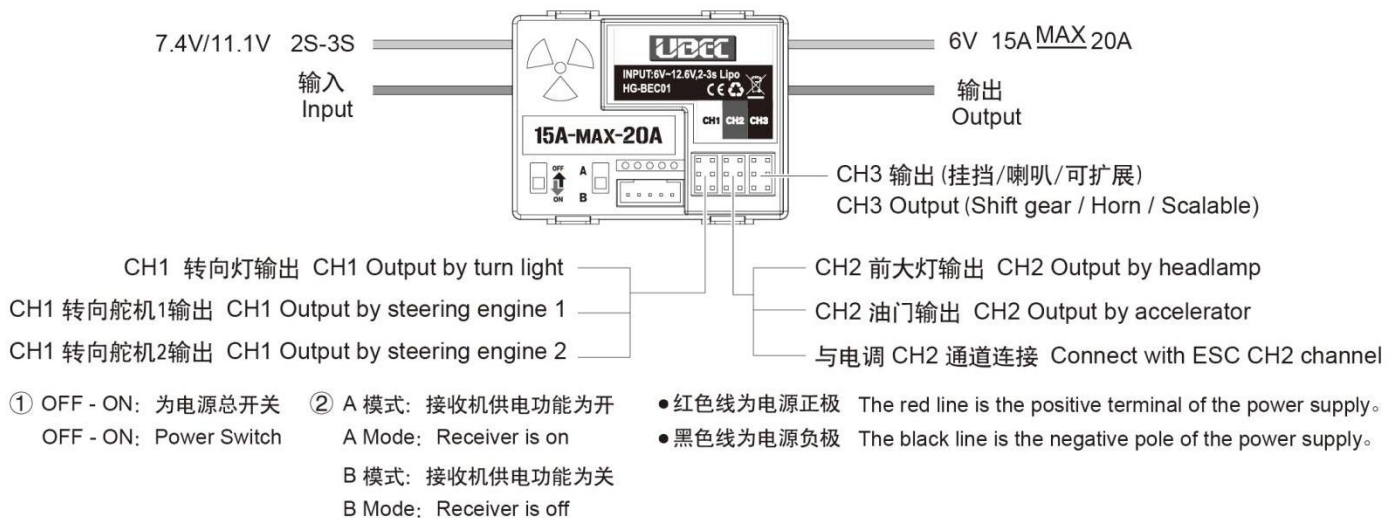
The SG engine sound simulation system has third channel functions, which can whistle sound through the third channel signal of the remote control.

The system contains a total of 5 whistle sounds. In operation mode, the system will automatically jump to the next sound if it is pressed by "+".

## 2、灯组扩展 Light group extension



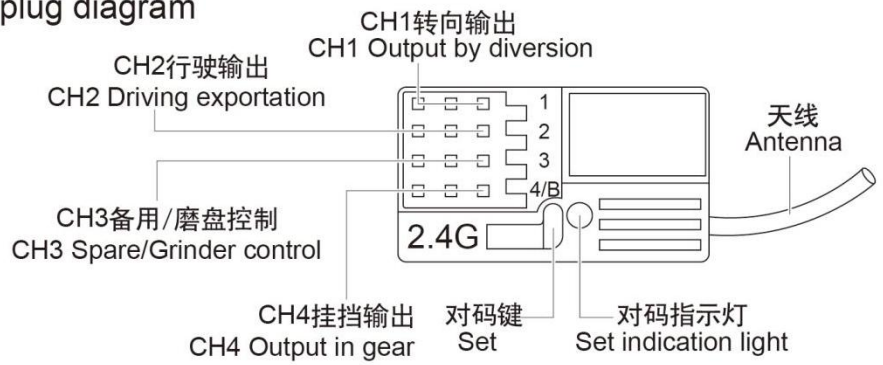
## 3、稳压器插头示意图 Voltage regulator plug diagram



#### 4、接收机插头示意图 Receiver plug diagram

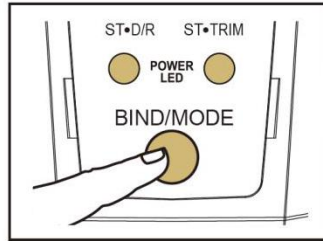
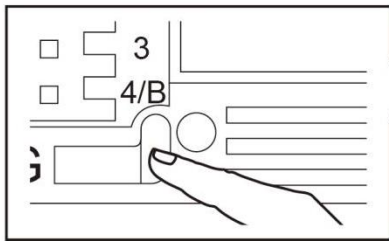
接收机对频说明：按住发射机的对码键不松开，然后打开发射机电源LED灯开始闪烁，此时立即松开按键。再按住接收机的对码键不松，并打开电调开关，LED灯长亮，此时配对完成。

Receiver Frequency Description: Press Set to start transmitter and hold it on, indication light start flashing, and release Set now. Press Set on receiver and hold it on, also turn on electronic speed controller, indication light lights up. Now matching is done.

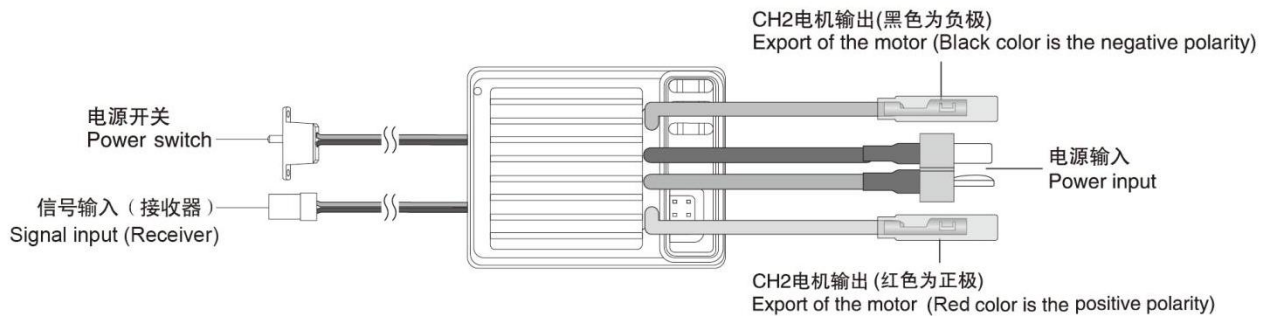


遥控器对频说明：先打开遥控器电源开关，再打开遥控模型开关，5秒内会自动对频，红色电源指示灯常亮。

Remote Control Frequency Description: First open the transmitter power switch, then open the remote control model switches automatically to the frequency within 5 seconds, the red power indicator is always on.



#### 5、ESC电调装置插头示意图 Electronic speed controller plug diagram



A: 1/2脚连接为ON: 锂电池模式 (高值保护, 锂电池保护值6.5V), 2/3连接为OFF: 其它电池模式 (低值保护, 其它电池保护值5.2V)。  
A: 1/2 pedal connect as ON: lithium battery method (high voltage protection, 6.5V);  
2/3 pedal connect as OFF: other battery method (low voltage protection, 5.2V).

B: 1/2脚连接为高速模式 (N: 带刹车功能, 后退60%速度), 2/3脚连接为攀爬模式 (R: 可直接前进或后退, 无刹车功能)。  
B: 1/2 pedal connect as high speed method (N: W/brake function, running backward with 60% speed);  
2/3 pedal connect as crawling method (R: able to run forward or backward, no shake function).



提示：此电调标准配T型插座。(选购电池时请选同型号插头。)

TIPS: This ESC specially fits for T-tape socket. (Please choose the same type of plug when buy the battery.)

### ESC电调参数对照表 (Parameter contrasted diagram of the ESC)

基本参数 Basic parameter	最小 Minimum	正常 Normal	最大 Maximum	极限值 Limit value
输入电压 Input voltage	6.0V	7.2V~8.4V 2S	9.6V 3S	12V
前进输出电流 后退输出电流 Forward output current Backward output current		50A 30A		100A/5S 60A/5S
+5V输出电流 +5V Current output		2A		3A/5S
适用受信器 Applicative signal receiver	PPM格式受信器 PPM-format signal receiver			

## 警告(Warning):

本产品含有小零件请勿让三岁以下儿童玩耍；本品含电子元件，不得入水或在潮湿环境下使用；电池充电器应定期检查其电线、插头、外壳和其他部件是否损坏，发现损坏时应停止使用。

Choking hazard! This product contains small parts. NOT suitable for children under 3 years. Contains electrical components and should be kept dry at all times. Regularly check the battery charger wires, plugs and shell and other components for damage. DO NOT use if any part is damaged.

1. 可拆卸的小零件要放好，千万不可让小孩吞食。
  2. 如操作场地有电波干扰，请另选场地操作。
  3. 遥控器电源低电时，请立即停止操作。
  4. 对拆除后的包装物，请不要随地丢弃，以免污染环境。
  5. 请将您的遥控模型存放在干燥、阴凉的地方。
  6. 不要置于近火和高温、潮湿的地方储存。
  7. 当电池被水浸湿，请将水分充分地擦拭干净，如有变形，请停止使用。
1. Detachable small parts should be stored safely and out of reach of children.
  2. If interference is experienced, turn the model off and try it again in a different area.
  3. Remote control will not function correctly if the batteries are low. Please replace the batteries.
  4. Please discard old/used batteries in a safe manner. Consider your environment!
  5. Please store the remote control in cool, dry place.
  6. DO NOT expose to fire or high temperatures, moist storage.
  7. Should the battery get wet, wipe immediately with a soft dry cloth. If transformed, please stop usage.

### 电池使用注意事项(Battery use caution proceeding)

- 1、遥控器使用4节1.5V“AA”号电池；
  - 2、安装或更换电池时请注意正负极是否正确装入；
  - 3、充电电池只能在成人监护下充电；
  - 4、不可混用新旧或不同型号的电池；
  - 5、电池电量用尽后，应从模型内取出；
  - 6、接线端要注意不能反接，以避免短路，造成意外发生；
  - 7、非充电电池不可充电；
  - 8、充电电池充电前应从模型中取出；
  - 9、请不要将坏的电池、电池组分解或扔到火中、水里，以免发生意外；
  - 10、充电器的额定输入电压必须与当地的家用电压相符；
  - 11、在充电过程中，充电器和电池出现微温，属于正常现象。
1. Remote control uses 4x 1.5V 'AA' batteries.
  2. Loading or replacing the battery, needs to carefully check whether the positive and negative pole is right.
  3. Rechargeable batteries should be charged under adult supervision.
  4. DO NOT use a mix of old and new or different types of battery.
  5. After the battery is exhausted, the model should be removed.
  6. Do not connect the terminals on the contrary, otherwise it will cause short circuit accident.
  7. DO NOT attempt to recharge non rechargeable batteries.
  8. Remove batteries from the model when recharging.
  9. DO NOT put batteries into a fire or into water.
  10. The rated input voltage battery charger MUST be suitable for your mains power voltage.
  11. During charging it is quite normal for the charger and batteries to heat up.

## 注意事项 (Caution proceeding)



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The instruction sheet for this product is just for your reference. We reserve the right to make changes or adjustments on the product without prior notification. Please refer to the official information.