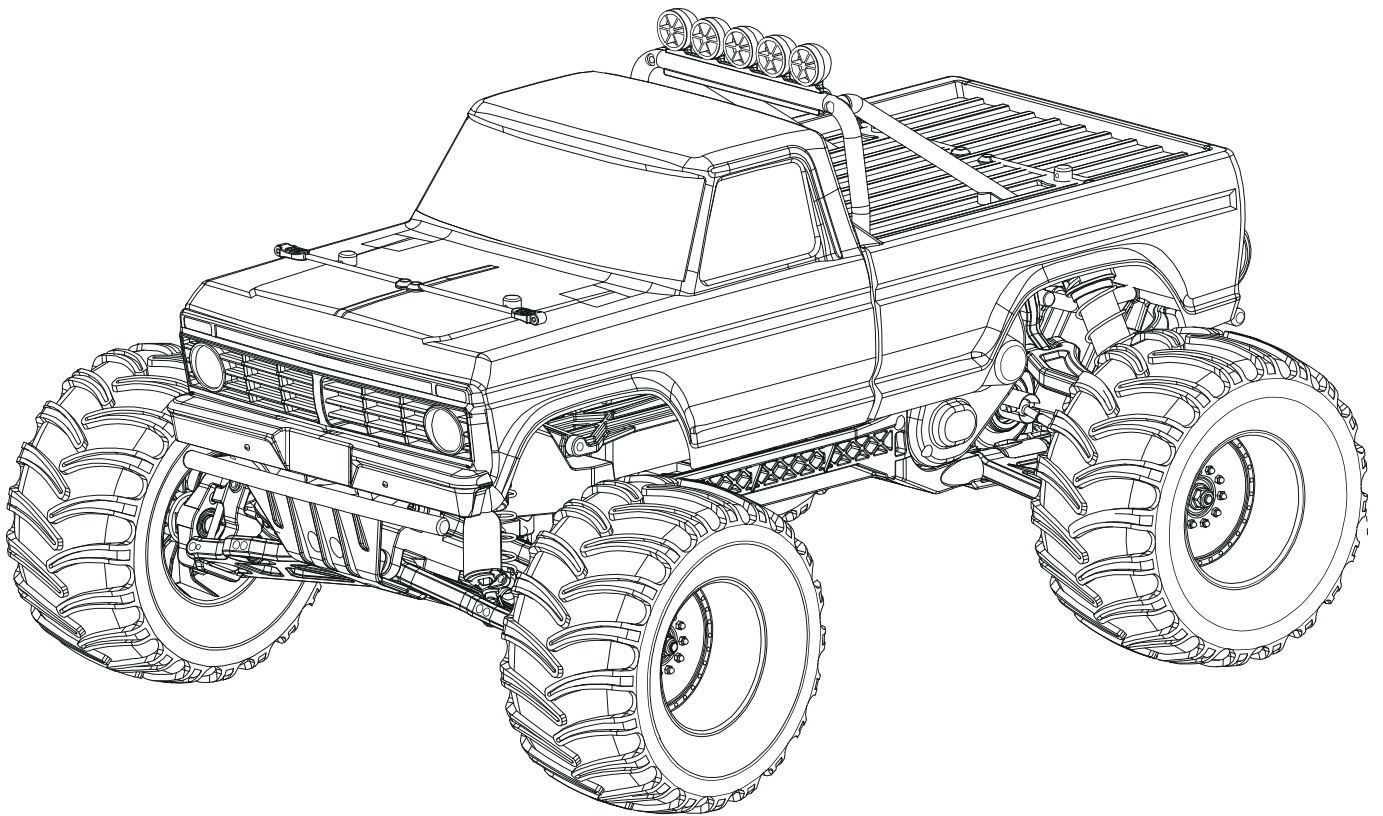




1/10 FORD F100

BRUSHLESS VERSION



Instruction Manual

操作手册

Disclaimer and Warning 免责声明与警告

Thank you for purchasing our product. This product is composed of precision components and is not a toy. It is not suitable for use by individuals under the age of 14. Please do not allow children to come into contact with this product. Exercise extra caution when operating this product in the presence of children. This product is a remote-controlled model and will provide a smooth and easy operating experience when the power is functioning correctly, and all components are undamaged. Visit www.fmshobby.com to access the latest product manual and related supplementary instructions and warnings. We reserve the right to update this manual. If there are updates to this manual, they will not be notified separately.

Before using the product, please carefully read this product manual to understand your legal rights, responsibilities, and safety instructions. Failure to do so may result in property damage, safety incidents, and personal safety risks. Once you use this product, it is considered that you have understood, accepted, and agreed to all the terms and content of this manual. Users are responsible for their actions and all consequences arising from them. Users commit to using this product only for legitimate purposes and agree to all the terms and content in this manual as well as any relevant policies or guidelines that our company may establish. Our company and distributors are not liable for any losses caused by users not following the product manual. In compliance with laws and regulations, our company reserves the final interpretation of this manual. Our company has the right to update, revise, or terminate these terms without prior notice.

This manual is intended to assist you in correctly operating, maintaining, and repairing the vehicle. Since most of the components involved in this product are unique parts, please keep this manual for future reference.

感谢您购买我们的产品。本产品由精密部件组成，并非玩具，因此不适合 14 岁以下的人士使用。请勿让儿童接触本产品。在有儿童出现的场景操作时请务必特别小心注意。本产品是一款遥控模型产品，在电源正常工作及各部件未损坏的情况下将提供轻松自如的操作体验。请访问以下网址www.fmshobby.com获取最新的产品手册及相关附加说明与警告。我司保留更新本手册的权力。本手册如有更新，恕不另行通知。

请务必在使用产品之前仔细阅读本产品手册，了解您的合法权益、责任和安全说明，否则，可能带来财产损失、安全事故和人身安全隐患。一旦使用本产品，即视为您已理解、认可和接受本手册全部条款和内容。使用者承诺对自己的行为及因此而产生的所有后果负责。使用者承诺仅出于正当目的使用本产品，并且同意本手册内的全部条款和内容及我司可能制定的任何相关政策或者准则。我司及分销商不承担因用户未按产品手册使用产品所引发的一切损失。在遵从法律法规的情况下，我司享有对本手册的最终解释权。我司有权在不事先通知的情况下，对本条款进行更新改版或终止。

本手册旨在帮助您正确操作、维护和修理车辆。由于本品所涉部件多数为特有部件，请保留本手册作为未来参考之用。

Safety, precautions and warnings 安全、预防措施及警告

- Replace damaged components with original factory-parts. Pay special attention to the polarity of all vehicle wiring.
- Use common sense when selecting the environment to operate your vehicle. Do not operate near power cables, cellular/radio towers, deep water or unstable terrain. The operator is solely responsible for their actions.
- The product is composed of precision electrical components. It is critical to keep the product away from moisture and other contaminants.
- Always check the radio range of the vehicle prior to operation in order to prevent radio loss or interference.
- Operate this product within your ability. If the vehicle is dangerous to retrieve, it never worth the risk.
- Always turn on the transmitter before connecting the battery on the model. When turning off the model, always disconnect the battery first, and then turn off the transmitter. If this order is reversed, the model may become uncontrollable and cause serious damage.
- Never allow transmitter batteries to run low as it may cause loss of vehicle control.
- Plastics on the vehicle are susceptible to damage or deformation due to extreme heat and cold climate. Do not store the model near any source of heat such as oven or heater. Store the model indoors, in a climate-controlled, room temperature environment.

- 请使用原厂部件更换损坏的部件。特别注意所有车辆接线的正负极。
- 务必选择合适的环境操作遥控模型，所选环境需远离电缆、无线电塔、深水及不稳定地形。本品操作者对其行为全权负责。
- 本品由精密电子部件构成。请勿将本品暴露于潮湿的环境或者其他污染物中。
- 确保每次操作前检查车辆的无线接收范围，以防止无线信号丢失或受干扰。

- 在您的能力范围内操作此产品。在任何时候，如果车辆操作有危险，则绝对不值得冒险。
- 通电方式：务必先开遥控器再将车子通电。断电方式：务必先将车子断电再关遥控器。以上顺序如逆转，则可能引起遥控模型失控，导致人身伤害或财产损失。
- 遥控器电池低电时，请勿操作模型车，以免出现失控。
- 模型产品上的塑胶件容易因极冷或极热气候出现变形或损坏的状况。所以请将模型产品存放在气候受控的室温环境中，切勿靠近任何热源，如烤箱或加热器等。




This product is not a toy! (14+) Recommended for ages 14 and up. Adult supervision required for ages under 14 years old. Contains small parts, keep out of reach of children 3 years of age and younger.

使用前请仔细阅读本手册。我们不对任何故意损坏或不当使用负责。这个产品不是玩具！建议14岁及以上者使用。14岁以下的用户，需要在成年人监督下使用。本产品部分包含小零件，请务必保证3岁及以下儿童不能接触本产品。

Safety symbols 安全符号

Pay close attention to the following symbols and their meanings. Failure to follow these warnings could cause damage, injury or death.

仔细阅读以下符号及其相关说明，如不按照以下指引进行操作，可能会导致设备损坏或人员伤亡。

 Danger 危险	Not following these instructions may lead to serious injuries or death. 如果使用者不按照说明方法操作，有可能导致操作者或他人受到严重受伤，甚至遭受生命危险。
 Warning 危险	Not following these instructions may lead to major injuries. 如果使用者不按照说明方法操作，有可能导致操作者或他人受到轻微伤害。
 Caution 危险	Not following these instructions may lead to minor injuries. 如果使用者不按照说明方法操作，可能导致操作者或他人轻微伤害。

Safety guide 安全信息

Prohibited 禁止

- Do not use the product at night or in bad weather like rain or thunderstorm. It can cause erratic operation or loss of control.
- Do not use the product when visibility is limited.
- Do not use the product on rain or snow days. Any exposure to moisture (water or snow) may cause erratic operation or loss of control.
- Interference may cause loss of control. To ensure the safety of you and others, do not operate in the following places:
 1. Near any site where other radio control activity may occur
 2. Near power lines or communication broadcasting antennas
 3. Near people or roads
 4. On any body of water when passenger boats are present
- Do not use this product when you are tired, uncomfortable, or under the influence of alcohol or drugs. Doing so may cause serious injury to yourself or others.
- The 2.4GHz radio band is limited to line of sight. Always keep your model in sight as a large object can block the RF signal and lead to loss of control.
- Do not touch any part of the model that may generate heat during operation, or immediately after use. The engine, motor or speed control, may be very hot and can cause serious burns.
- Please ensure that the magnetic connectors on the chassis and car shell do not come into contact with metal objects to prevent any potential electronic short circuits!

- 请不要在夜晚或雷雨天气使用本产品，恶劣的天气环境有可能导致遥控设备失灵。

- 请不要在能见度有限的情况下使用本产品。
- 请不要在雨雪或有水的地方使用本产品。如果有液体进入到系统内部，可能会导致运行不稳定或失灵。
- 信号干扰可能导致设备失控。为保证您和他人的安全，请不要在以下地点使用本产品：
 - 1、通信基站附近或其他无线电活跃的地方
 - 2、人多的地方或道路附近
 - 3、水域附近
 - 4、高压电线或通信广播天线附近
- 当您感到疲倦、不舒服，或在摄入酒精或服食导致麻醉或兴奋的药物后，不要操作本产品。否则可能对自己或他人造成严重的伤害。
- 2.4GHz无线电波段完全不同于之前所使用的低频无线电波段。使用时请确保模型产品在您的视线范围内，大的障碍物将会阻断无线电频率信号从而导致遥控失灵模型失控。
- 请勿在操作过程中或使用后立即触摸模型可能产生热量的任何部分。发动机、电机或速度控制器可能非常热，并可能导致严重烧伤。
- 请务必确保底盘和车壳上的磁体结合件不与金属物品接触，以免引发电子短路！

! Mandatory 强制

- Misuse of this product may lead to serious injury or death. To ensure the safety of you and your equipment, read this manual and follow the instructions.
- Make sure the product is properly installed in your model. Failure to do so may result in serious injury.v
- Make sure to disconnect the receiver battery before turning off the transmitter. Failure to do so may lead to unintended operation and cause an accident.
- Ensure that all servos operate in the correct direction. If not, adjust the direction first.
- Make sure the model stays within the systems maximum range to prevent loss of control.
- 遥控设备使用不恰当可能导致操作者或他人严重受伤，甚至死亡。为保证您和设备的安全，请仔细阅读使用说明书并按照要求进行操作。
- 使用前必须确保本产品与模型安装正确，否则可能导致模型发生严重损坏。
- 关闭时，请务必先关闭接收机电源，然后关闭发射机。如果关闭发射机电源时接收机仍然在工作，将有可能导致遥控设备失控或者引擎继续工作而引发事故。
- 操控时，请先确认模型所有舵机的动作方向与操控方向一致。如果不一致，请调整好正确的方向。
- 当遥控距离较远时，有发生失控的可能，请适当缩短遥控距离。

Certifications

认证相关

DoC Declaration

Hereby, [ShenZhen FLYSKY Technology Co., Ltd.] declares that the Radio Equipment [FS-FMS-MG6-BS&FS-FMS-R6D-ESC-BS] is in compliance with RED 2014/53/EU.

The full text of the EU DoC is available at the following internet address: www.flyskytech.com/info_detail/10.html

CE Warning

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Caution!

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

1. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

2. Move all your channels to the desired position.
3. Select [All channels] and then [Yes] in the confirmation box.

Environmentally friendly disposal

Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

CAUTION
 RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
 DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.



CAUTION
 Risk of explosion if the battery is replaced an incorrect disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion; leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

RF Exposure Statement

The device has been evaluated to meet general RF exposure requirement.
 The device can be used in portable exposure condition without restriction.

Background 产品背景

The Ford F-Series can be dated back to the 1940s. After the end of World War II, the U.S. economy recovered quickly and market demand surged. The demand for pickup trucks was particularly strong in the farm, construction, and transportation industries, as business activity in these areas increased.

As the first of the sixth generation of F-Series pickup trucks, the 1973 Ford F100 stood out with distinctive body lines and striking front fascia design that emphasized a powerful aesthetic and a focus on utility. This generation introduced a unique 'dent' design that extended from the front to the rear, a feature that earned it the nickname 'dentside'. It also featured an even more striking clamshell hood and an upgraded grille.

With its retro styling and mechanical reliability, Ford F100 became an iconic symbol of American pop culture. Not only has it been featured in movies, TV shows, and music videos, but it has also become a favorite among vintage car enthusiasts and collectors. Even today, there are still a large number of F100 fans and modification enthusiasts dedicated to preserving and customizing this model, keeping it alive and thriving in the classic car market.

The concept of the monster truck began in the 1970s, when owners began modifying their pickup trucks to perform better in off-road competitions. Over time, monster truck culture has been integrated into the bloodline of American automotive culture, and has even made frequent appearances in movies, TV shows, and even video games, winning widespread attention and love.

福特F系列，可以追溯到20世纪40年代，第二次世界大战结束后，美国经济迅速复苏，市场对货运车辆的需求大幅增加。农场、建筑和运输业对皮卡的需求尤为强烈。福特汽车公司意识到，随着商业活动的增加，市场对耐用且多功能的货车需求激增。

作为第六代F系列皮卡的首款车型，1973年的福特F100以其鲜明的车身线条和引人注目的前脸设计脱颖而出，彰显出强烈的力量美学与实用主义精神。这一代车型引入了从前部延伸至尾部的独特“凹痕(dent)”设计，这一特征也为其赢得了“凹痕侧”(dentside)的昵称。此外，它还配备了更为醒目的蛤壳式引擎盖以及提升后的格栅设计。

凭借复古的外观风格与可靠的机械性能，福特F100成为了美国流行文化中的一个标志性符号。它不仅频繁亮相于电影、电视节目及音乐视频中，还成为了众多复古车迷与收藏家心中的挚爱。时至今日，仍有大量F100的拥趸与改装爱好者致力于该车型的复原与改造工作，使其在经典车市场中持续焕发着勃勃生机。

大脚车的概念起源于20世纪70年代，当时，一些车主开始着手改装自己的皮卡车，以便在越野竞技中取得更佳表现。随着时间的推移，大脚车文化逐渐融入美国汽车文化的血脉之中，甚至在电影、电视节目乃至视频游戏领域频频亮相，赢得了广泛的关注与喜爱。

About Model 产品介绍

The 1/10 scale Ford F100 from FMS Models is an entertaining and versatile monster truck. It features a sturdy PC shell body design, with FMS carefully replicating the original vehicle's aesthetic lines. It comes pre-installed with window, light, and 'dentside' decorative stickers that extend from the front to the rear of the body, collectively creating a rich visual hierarchy. Further enhancing the robust body are electroplated anti-collision components and a grille. Additionally, to cater to players' individual preferences, it includes detachable roll bar and auxiliary off-road light decorations as extras.

In terms of power and control, this Ford F100 monster truck utilizes a 2WD rear-wheel drive system, with a high-performance Hobbywing 3652 brushless motor and 60A brushless ESC to guarantee robust power output. As a hallmark of monster trucks, the model is fitted with massive rubber tires to tackle various terrains. The battery tray is centrally located, and its cover secures with a snap-flip mechanism, making it easy to operate and compatible with regular size of Lipo/NiMH batteries.

Furthermore, We provide wheelie bar with multiple adjustable mounting holes, which effectively support the model car during jumps or high-speed runs, significantly reducing the risk of backflips and ensuring vehicle stability.

1/10的福特F100是FMS模型推出的一款娱乐型的怪物卡车。其车身采用了坚固耐用的软壳设计，FMS精心复刻了原车的线条美感，并出厂预贴车窗，车灯以及从前车身延伸到尾部的“凹痕侧”装饰贴纸，这些设计元素共同营造出丰富的视觉层次；在确保车身强度的同时，还配备了精致的电镀防撞部件和格栅；此外，为了满足玩家的个性化需求，还额外附赠可拆卸的防滚架和射灯装饰件。

在动力与操控方面，这款福特F100怪物卡车采用了2WD后轮驱动系统，搭配高规格的好盈3652无刷电机和60A无刷电调，以确保强劲的动力输出；作为大脚车的标志性特征，该模型配备了超大的橡胶轮胎，以应对各种复杂地形。电池仓采用中置设计，

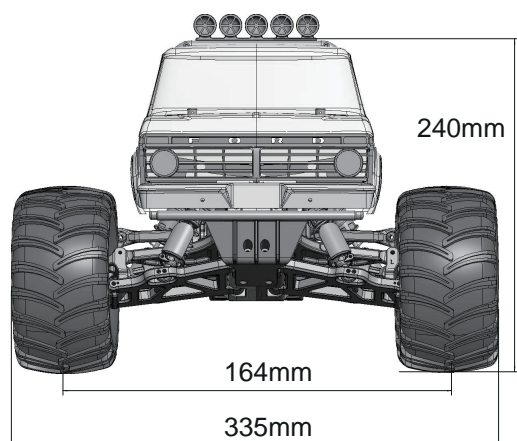
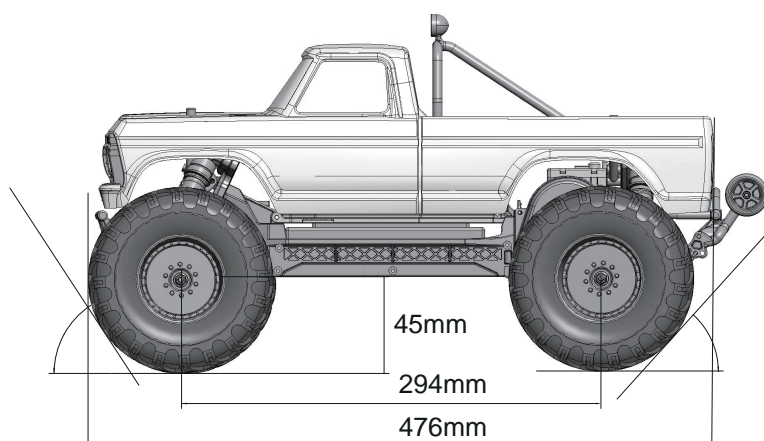
仓盖通过卡扣式翻转固定，不仅操作便捷，而且兼容多种常用尺寸的锂电/镍氢电池。

此外，原厂配备的可拆卸抬头轮，提供了多个角度的调节孔位，这一设计在模型车进行飞坡或高速行驶时，能够有效起到支撑作用，大大降低了后空翻的风险，确保了车辆的稳定性。

Features 特点

- Officially licensed by ford motor company
- PC material body shell
- Hobbywing 3652 Brushless Motor & 60A Brushless ESC
- Wheelie bar with adjustable mounting holes
- Loadable battery tray
- 2WD rear-wheel drive system
- Ball bearing components
- 15KG waterproof digital steering servo
- 福特官方授权
- PC材质车壳
- 好盈3652无刷电机/好盈60A无刷电调
- 多角度孔位抬头轮
- 中置装载式电池托盘
- 2WD 后轮驱动系统
- 全滚珠轴承组件
- 15KG防水数字转向舵机

Specification 产品参数

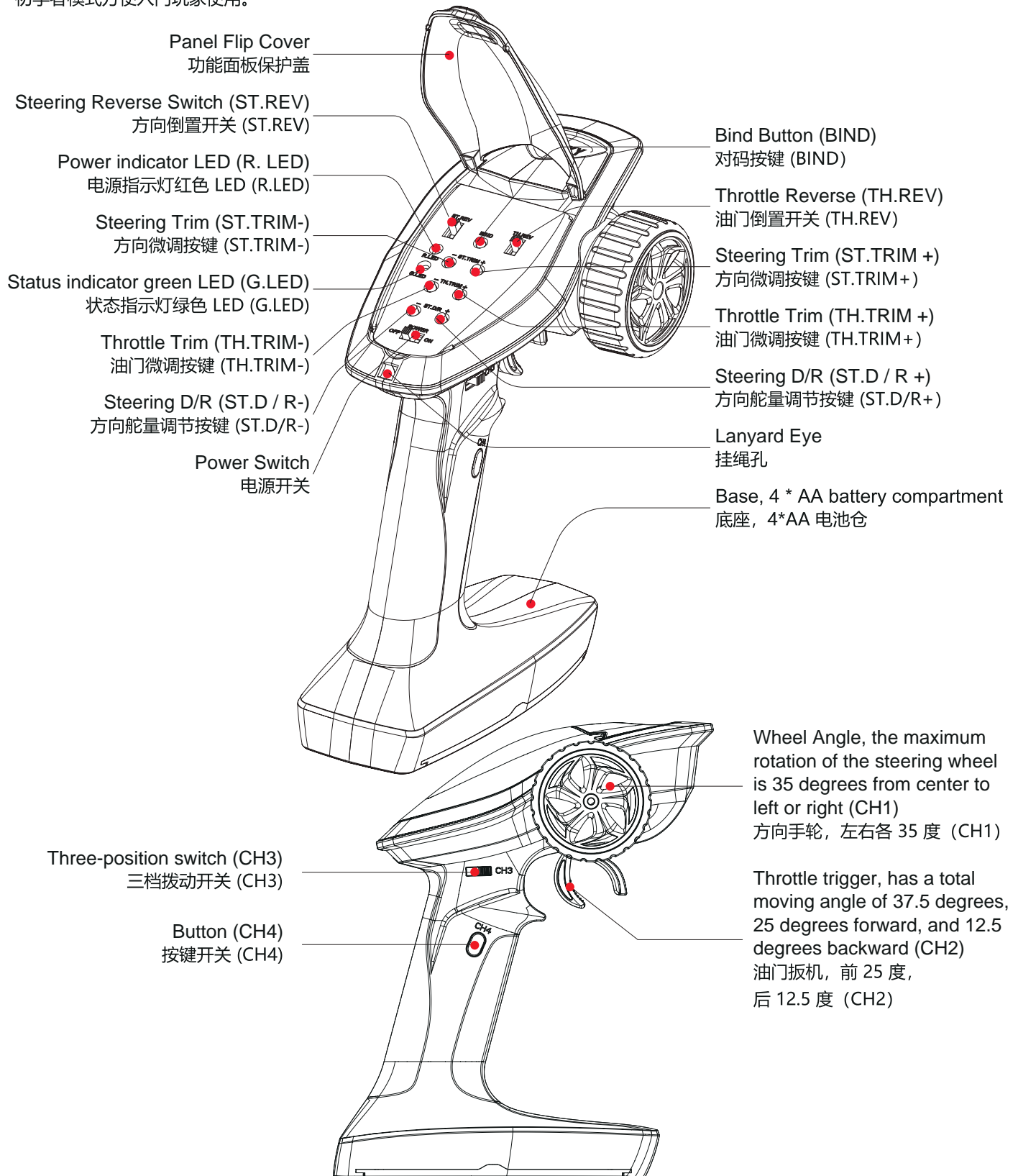


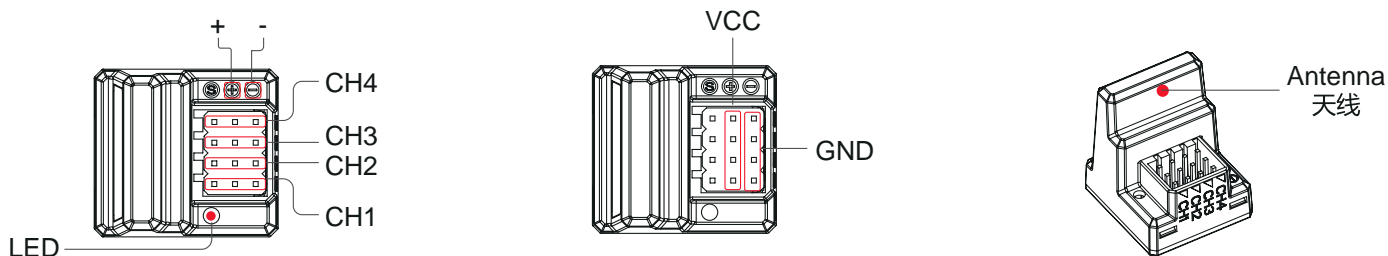
- Transmitter: FS-G4P-BS
- Receiver: FS-R4B-BS
- Recommend Battery: 2-3S
- Motor Type: Hobbywing 3652-KV3300
- Motor Gear Pinion: 13T
- Motor Gear Pitch: M0.8
- Spur Gear Pinion: 61T
- Spur Gear Pitch: M0.8
- ESC: WP-10BL60-RTR-G2
- Steering Servo: 15kg*1
- Product Size: 476*335*240mm
- Wheelbase: 294mm
- Tread: 164mm
- Ground Clearance: 45mm
- Steering Type: 2WS
- Maximum steering angle: 35°
- Tire Size (Diameter & Width): 130*70mm
- Wheelhub Size (Diameter & Width): 66*52mm
- Wheelhub Adaptor Size: 14mm
- Bearing: Ball bearing*15pcs
- Drive System: 2WD
- Waterproof Class: Splash-proof
- Battery Compartment Size: 152*49.5*30mm
- Maximum Speed: 55km/h
- Endurance Reference: 15-20mins (3000mAh)
- Maximum Control Distance: 150m
- 发射型号: 富斯FS-G4P-BS
- 接收/电调型号: 富斯FS-R4B-BS
- 推荐电池: 2-3S
- 电机: 好盈3652-KV3300
- 马达齿齿数: 13T
- 马达齿模数: M0.8
- 正齿轮齿数: 61T
- 正齿轮模数: M0.8
- 电调型号及规格: 好盈WP-10BL60-RTR-G2
- 转向舵机 (需写数量): 15kg*1
- 整车尺寸 (长宽高): 476*335*240mm
- 轴距: 294mm
- 轮距: 164mm
- 离地距离: 45mm
- 转向: 前2WS
- 最大转向角: 35°
- 轮胎 (直径和宽度): 130*70mm
- 轮毂 (直径和宽度): 66*52mm
- 轮毂接合器尺寸: 14mm
- 轴承: 滚珠轴承15pcs
- 驱动形式: 2WD
- 是否防水: 防溅水
- 电池舱尺寸: 152*49.5*30mm
- 最大速度: 55km/h
- 续航时间: 15-20分钟 (3000mAh)
- 最大遥控距离: 150米

Transmitter Overview 发射机概览

The FS-G4P-BS is a simple 4-channel transmitter using the latest 2.4GHz 2A-BS Automatic Frequency Hopping Digital System. Designed to be sleek, passionate and powerful for entry level enthusiast.

FS-G4P-BS 是一款使用 2.4GHz 2A-BS 协议的简版 4 通道发射机，外观采用跑车元素彰显速度、激情和力量，该款发射机还具备初学者模式方便入门玩家使用。





Note: To ensure the best signal quality make sure that the antenna is mounted perpendicular to the model body in an upright position.

Getting Started 使用前准备

Before operation, install the battery and connect the system as instructed below.

开始操作前，请按照本章的顺序和指引安装电池、连接设备。

Transmitter Battery Installation 发射机电池安装

	Danger 危险	Only use specified battery (X4 AA batteries). 仅使用厂家指定的电池。
	Danger 危险	Do not open, disassemble, or attempt to repair the battery. 请勿打开、拆卸或自行维修电池。
	Danger 危险	Do not crush/puncture the battery, or short the external contacts. 请勿挤压、刺穿或接触电池的金属端子。
	Danger 危险	Do not expose to excessive heat or liquids. 准请勿将电池置于高温环境或液体中。
	Danger 危险	Do not drop the battery or expose to strong shocks or vibrations. 请注意防止电池跌落、碰撞或振动。
	Danger 危险	Always store the battery in a cool, dry place. 请将电池存放在干燥阴凉的环境中。
	Danger 危险	Do not use the battery if damaged. 如果电池损坏，请立即停止使用。

Battery Type: AA

Battery Installation:

1. Open the battery compartment cover;
2. Insert 4 fully-charged AA batteries into the compartment. Make sure that the battery makes good contact with the battery compartment's contacts;
3. Replace battery compartment cover.

Low battery alarm: When the battery is lower than 4.2v, the G.LED on the panel will flash slowly.

电池类型使用：AA 电池

请按照以下步骤安装发射机电池：

- 1、打开电池仓盖；
- 2、将 4 颗电量充足的 AA 电池装入电池仓内，确保电池上的金属端子与电池仓内的金属端子接触；
- 3、盖好电池仓盖。

低电量报警：当电量低于 4.2V 时，面板上的 G.LED 慢闪报警提示。

Instructions 操作指引

Before operation, install the battery and connect the system as instructed below.

准备操作完成后，您可以按照本章指引开始使用本产品。

Power On 开机

Follow the steps below to turn on the transmitter:


1. Check to make sure that that battery is fully charged and installed correctly;
2. Toggle the switch to the [ON] position. When active the R.LED will be lit;
3. Power on the receiver.


• For safety always power on the transmitter before the receiver.

请按照以下步骤进行开机：

- 1、检查系统状态，确保电池电量充足且安装正确；
- 2、将开关拨到 [ON] 位置，R.LED 灯常亮；
- 3、连接接收机电源。

• 为保障模型及人员安全，使用时请先打开发射机再给接收机上电。

 Warning 警告	Operate with caution in order to avoid damage or injury. 此时系统已启动，请谨慎操作，否则可能导致产品损坏或人员伤亡。
--	--

 Warning 警告	Make sure that the throttle trigger is at its neutral position and the switches are set to their proper position. 为了您的安全请将发射机开关和油门打到安全位置。
---	--

Binding 对码

The transmitter and receiver have already been bound at the factory.

However if the receiver needs to be replaced or additional receivers bound follow these steps:

1. Turn on the transmitter while holding the bind button to enter bind mode. G.LED will start flashing quickly;

• Once in bind mode release the bind button

2. The receiver will enter bind mode atomically when powered on;
3. Once binding is successful the receiver's LED will flash slowly and the transmitter's LED will remain solid after being rebooted.

Note: When binding, put the transmitter into bind mode first, then the receiver.

FS-G4P-BS 发射机与 FS-R4B-BS 接收机对码为例，请按照如下步骤操作：

- 1、将发射机按住BIND（对码）键开机进入对码状态，此时 G.LED 快闪；

• 进入对码状态后松开“BIND”键

- 2、接收机上电自动进入对码；
- 3、对码成功接收机 LED 指示灯慢闪，发射机关机重启接收机指示灯常亮。

注：对码时请先将发射机进入对码状态，再将接收机进入对码状态。

Stick Calibration 摇杆校准

This function is used to set the neutral position for throttle trigger and steering wheel.

Every transmitter is calibrated before leaving the factory, however if recalibration is required, please follow these steps:

1. Turn and hold the wheel as far clockwise as it will turn, hold the throttle all the way forward, then turn on the transmitter in calibration mode;

• The R.LED and G.LED will be in a state of two-time flashing and on off

2. Calibrate wheel: Turn the wheel completely clockwise, then completely counterclockwise;

• When calibration is completed the R.LED will be off

3. Trigger calibration: Pull the trigger back then forward as far as it will go;
 - When calibration is completed the G.LED will be off
4. Once calibration is complete press the bind to save and exit.

该功能可以用于方向手轮和油门扳机的中位角度修正。

发射机在出厂前已校准完成，如需要重新校准，请按照以下步骤执行。

- 1、同步将手轮顺时针打到最大、扳机往前推到底并开机，进入校准模式功能；
 - R.LED 和 G.LED 二闪一灭
- 2、手轮校准：操作手轮顺时针和逆时针转到最大最小；
 - R.LED 灭
- 3、扳机校准：往前往后推到最大最小；
 - G.LED 灭
- 4、校准完成后按“BIND”键退出并保存数据。

Power Off 关机

Follow the steps below to turn off the system:

1. Disconnect the receiver power;
2. Toggle the transmitter's power switch to the [OFF] position.

请按以下步骤关闭发射机：

- 1、先断开接收机电源；
- 2、将电源开关拨到 [OFF] 位置，关闭发射机。



Danger
危险

Make sure to disconnect the receiver power before turning off the transmitter. Failure to do so may lead to damage or serious injury.

关闭时，请务必先关闭接收机电源，再关闭发射机，否则可能导致模型损坏、人员受伤。

System Functions 系统功能

This section focuses on the functions and how to use them.

此章节主要介绍系统各项功能操作。

Channel Description 通道说明

The transmitter outputs a total of 4 channels, which are allocated as follows:

- CH1: Steering Wheel
- CH2: Throttle Trigger
- CH3: Three-position Switch
- CH4: Reset Button

Note: By default the output of CH4 is 1000us, after which pressing the button will toggle between 1000 and 2000us.

该发射机共输出 4 个通道，分配如下：

- CH1: 方向手轮
- CH2: 油门扳机
- CH3: 三档拨动开关 (CH3)
- CH4: 按键开关 (CH4)

注：CH4 按键开机默认输出 1000us，按压操作一下通道值翻转一次，数值在 1000us/2000us 之间互相切换。

Channel Reverse 通道反向

This function is used to adjust each channels direction of movement in relation to its input.

The ST.REV / TH.REV switches are the reverse buttons for CH1 and CH2. If the switch is up it indicates reverse, and the down indicates normal.

该功能用于调整舵机或马达的动作方向。

按键 ST.REV/TH.REV 分别为 CH1、CH2 通道反向按键，开关位于上端表示反向，下端则表示正常。

Trims 微调

The ST.TRIM is the trims for CH1 (steering), and can be multiplexed as trims of CH3 and CH4. For multiplexing switching mode, refer to [5.5 Mode Switching].

TH.TRIM is the trims for CH2(throttle).

Adjustment range: -120us- + 120us, each step is 4us;

ST.TRIM + / TH.TRIM +: Increases adjustment step;

ST.TRIM- / TH.TRIM-: Decreases adjustment step.

LED Indicator:

- When using the trim keys the G.LED will flash slowly on short presses and quickly on long presses.
- When the trim adjustment value is at the neutral position, the G.LED will flash twice slowly.
- When the trim adjustment value is at both ends (+ 120us / -120us), the trim adjustment is at its maximum and as such G.LED will not flash (If the fine adjustment value has been adjusted to + 120us, then press ST.TRIM + / TH.TRIM + key is invalid and G.LED has no indications.)

ST.TRIM 为 CH1 方向微调，可复用为 CH3、CH4 微调，复用切换方式见 [5.5 模式切换]；TH.TRIM 为 CH2 油门微调。

调节范围：-120us-+120us，微调步进为 4us；

ST.TRIM+/TH.TRIM+：增大微调值；

ST.TRIM-/TH.TRIM-：减少微调值。

LED 指示情况：

- 操作一次微调键 G.LED 闪烁一次，长按快闪
- 当微调值位于中点时 G.LED 慢闪 2 下
- 当微调值位于两端时 (+120us/-120us)，微调无效且 G.LED 无指示（如微调值已调至 +120us，此时按 ST.TRIM+/TH.TRIM+ 键无效且 G.LED 无指示）

D/R 舵量调节

ST.D / R is for servo travel adjustment, which can be multiplexed as CH2 (throttle), CH3, CH4 servo travel adjustment, refer to [5.5 Mode Switch] for multiplex switching mode;

Adjustment range: 0-120%(the default is 100%), the step is 5%.

ST.D / R +: Increases servo travel.

ST.D / R -: Decreases servo travel.

LED Indicator:

- When using the trim keys the G.LED will flash slowly on short presses and quickly on long presses.
- When the ratio value is at both ends (0/120%), the ST.D / R button is at its maximum and as such G.LED will not flash (if the ratio value has been adjusted to 120%, then press ST.D/R+ key is invalid and G.LED has Instructions).

ST.D/R 为方向舵量调节，可复用为 CH2（油门）、CH3、CH4 舵量调节，复用切换方式见 [5.5 模式切换]；

调节范围：0-120%（默认 100%），步进为 5%；

ST.D/R+：增加舵量；

ST.D/R-：减小舵量。

LED 指示情况：

- 操作一次按键 G.LED 闪烁一次，长按快闪
- 当比例值位于两端时 (0/120%)，按键无效且 G.LED 无指示（如比例值已调至 120%，此时按 ST.D/R+ 键无效且 G.LED 无指示）

Mode switching 模式切换

This function is for reusing the ST.TRIM and ST.D / R buttons for different channels (Refer to [5.3 Trims] and [5.4 D/R]).

Function settings:

Under normal power-on, quickly press the Bind button twice (within 1 second) to cycle through modes 1, 2, 3, and 4. The default setting when powering on is mode 1.

Mode 1: G.LED flashes slowly once, ST.TRIM is CH1 trim adjustment, ST.D / R is servo travel adjustment.

Mode 2: G.LED flashes twice slowly, ST.TRIM is CH1 trim adjustment, ST.D / R is CH2 servo travel adjustment.

Mode 3: G.LED flashes three times slowly, ST.TRIM is CH3 trim adjustment, ST.D / R is CH3 servo travel adjustment.

Mode 4: G.LED flashes slowly four times, ST.TRIM is CH4 trim adjustment, ST.D / R is CH4 servo travel adjustment.

此功能用于将 ST.TRIM 及 ST.D/R 按键复用于其他通道 (详见 [5.3 微调]、[5.4 舵量调节])。

功能设置: 正常开机状态下快速短按两下 BIND (对码) 按键 (1S 内) 即可循环切换模式一、二、三、四, 开机默认为模式一。

模式一: G.LED 慢闪一次提示, ST.TRIM 为 CH1 微调, ST.D/R 为方向舵量调节;

模式二: G.LED 慢闪二次提示, ST.TRIM 为 CH1 微调, ST.D/R 为 CH2 舵量调节;

模式三: G.LED 慢闪三次提示, ST.TRIM 为 CH3 微调, ST.D/R 为 CH3 舵量调节;

模式四: G.LED 慢闪四次提示, ST.TRIM 为 CH4 微调, ST.D/R 为 CH4 舵量调。

Failsafe 失控保护

This function dictates what the receiver will do in the event that it loses signal from the transmitter, this includes servo position etc.

Function settings:

1. Turn on the transmitter and make sure it is connected to the receiver.

2. Hold the control surface at the desired failsafe position.

3. Press and hold the bind button for 3 seconds, if the G.LED starts flashes for 2 seconds, indicating that the settings are successful.

Note: The fail-safe function has not set at the factory by default. If no failsafe setting has been set, then the receiver will maintain the output of the last signal when the signal is lost.

此功能用于当接收机无法正常收到发射机的信号时, 接收机按设置好的失控保护值进行通道输出以保护模型和操作人员的安全。

功能设置: 开机正常状态下, 先操作需要设置失控保护的通道所对应的控件至预设的位置, 再长按对码按键 (BIND) 3 秒, 即将当下输出的通道值设置为该通道失控保护值, G.LED 闪烁 2S 表示设置成功, 即当接收机无法接收信号后, 将按照设定的失控值输出。

注: 失控保护出厂默认未设置, 未设置时失控后接收机通道保持最后输出。重新对码时恢复默认出厂设置。

Beginner Mode 初学者模式

Beginner mode is designed for the people who is new to the hobby.

In this mode the throttle has been limited to 50 percent, The channel range defaults has been set to 1250~1500~1750us.

Function settings:

To switch between beginner and normal modes, press and hold the CH4 button while turning the steering wheel completely counterclockwise as far as it can, and at the same time, power on the transmitter.

Note: By default, the system is set to normal mode. If the system has set to beginner mode. The G.LED will be in a state of two-time flashing and on off, and keep the state for 3 seconds during power on.

初学者模式比较适合入门级玩家, 通过对油门幅度的控制来提高操作的安全性。

初学者模式油门输出仅为 50%, 即 CH2 通道范围默认为 1250~1500~1750us。

功能设置:

1、按住按键开关 (CH4), 同时方向手轮逆时针打到底;

2、维持以上动作同时开机。

以上步骤可用于切换初学者模式和正常模式。

注: 出厂默认为正常模式, 开机时 G.LED 灯二闪一灭持续 3S, 代表此次进入初学者模式。

Data Reset 数据复位

This function is used to restore the set servo value to the default value.

Operation Settings:

Press and hold the BIND (binding) button and the CH4 switch simultaneously, then power on the device. The G.LED indicator will flash slowly twice, indicating that the default values have been restored.

Note: This function is only applicable for resetting the servo value to the default.

此功能用于将设置的舵量数值恢复为默认值。

功能设置:

同时按住 BIND (对码) 按键和按键开关 (CH4) 后, 并通电开机, 此时 G.LED 指示灯慢闪 2 下, 表示恢复成默认值。

注: 此功能仅适用于复位舵量至默认值。

Transmitter Specifications 发射机规格

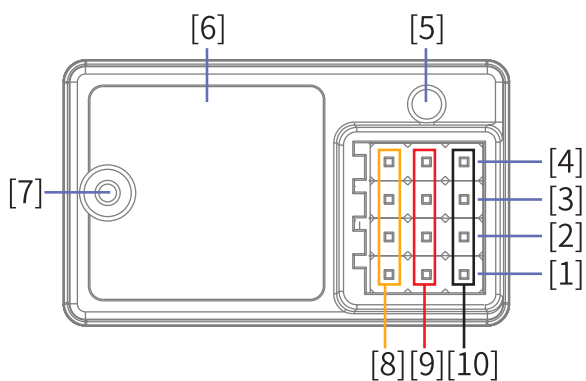
Product Model	FS-G4P-BS	产品型号	FS-G4P-BS
Channels	4	通道个数	4
Model Type	Cars, Boats	适配模型	车、船
RF	2.4GHz	无线频率	2.4GHz
Maximum Power	<20dBm (e.i.r.p.) (EU)	发射功率	<20dBm (e.i.r.p.) (EU)
2.4GHz Protocol	2A-BS	无线协议	2A-BS
Distance	>300m (Ground)	遥控距离	>300m (空旷无干扰地面距离)
Battery	6V DC 1.5AA*4	输入电源	6V DC 1.5AA*4
Charging Interface	NO	充电接口	无
Life time	According to battery type	续航时间	依电池类型
Low Voltage Warning	<4.2V	低电压报警	<4.2V
Antenna Type	Built-in single antenna	天线类型	内置单天线
Data Interface	NO	数据接口	无
Temperature Range	-10°C ~ +60°C	温度范围	-10°C ~ +60°C
Humidity Range	20%—95%	湿度范围	20%—95%
Online Update	NO	固件更新	NO
Color	Black	机身颜色	黑
Size	160*193*97mm	外形尺寸	160*193*97mm
Weight	220g	机身重量	220g
Certifications	CE, FCC ID: N4ZG4P00	认证	CE, FCC ID: N4ZG4P00

FS-R4B-BS Function Instructions**FS-R4B-BS 接收机功能****Introduction 产品介绍**

FS-R4B-BS is a receiver in compliance with the 2A-Bs protocol, providing 4 channels. It is equipped with a single antenna externally. It can output PWM signal and also can implement one-way transmission, featuring the compact design. FS-R4B-BS can be adapted to a variety of car and boat models.

FS-R4B-BS 是一款采用 2A-BS 协议，提供4通道的接收机。外置单天线，可输出 PWM 信号能够实现单向传输，采用自动对码，设计小巧紧凑，可适配多种车、船使用。

Receiver overview 接收机概览



- | | |
|------------------------|---------------|
| [1] CH1 | [1] CH1 |
| [2] CH2 | [2] CH2 |
| [3] CH3 | [3] CH3 |
| [4] CH4 | [4] CH4 |
| [5] LED | [5] LED |
| [6] Sticker | [6] 贴纸 |
| [7] Antenna | [7] 天线 |
| [8] Signal | [8] S (信号脚) |
| [9] + (Power Anode) | [9] + (电源正极) |
| [10] - (Power Cathode) | [10] - (电源负极) |

Receiver Specifications 接收机规格

Product Name	FS-R4B-BS	产品型号	FS-R4B-BS
Compatible Transmitters	FS-G4P-BS, FS-MG4-BS	适配发射机	FS-G4P-BS, FS-MG4-BS
Compatible Models	Cars, Boats, ect	适配模型	车或船
Number of Channels	4	通道个数	4
RF	2.4GHz ISM	无线频率	2.4GHz ISM
2.4G Protocol	2A-BS	无线协议	2A-BS
Antenna	Single Antenna	天线类型	单天线
Distance	>150m(Ground)	遥控距离	> 150 米 (空旷无干扰地面距离)
Input Power	3.5-8.4V/DC	输入电源	3.5-8.4V/DC
Working Current	< 30mA/5V	工作电流	< 30mA/5V
Data Output	PWM	数据输出	PWM
Temperature Range	-10°C~+60°C	温度范围	-10°C ~ +60°C
Humidity Range	20%~95%	湿度范围	20% ~ 95%
Waterproof	PPX4	防水等级	PPX4
Online Update	NO	在线更新	无
Dimensions	30.2*18.0*13.0mm	外形尺寸	30.2*18.0*13.0mm
Weight	5g	机身重量	5g
Certification	CE, FCC	认证	CE, FCC

Binding 对码

The receiver automatically enters the binding state once it is powered on.

1. First put the transmitter into bind mode (See the transmitter's user manual for instructions on how to activate bind mode).
2. When the receiver is powered on and waits for 2 second, it will automatically enter the binding state if it is not connected.

3. After the binding is successful, the LED indicator of the receiver is solid on.

Notes:

1. Set the transmitter to its binding state first, and then set the receiver to its binding state. If the binding is not finished within 10s, the LED of the receiver will enter its slow flashing state.
2. Because this receiver only supports one-way binding, if the binding transmitter supports one-way and two-way mode binding, please set the one-way mode at the transmitter side before starting the binding.

本款接收机上电即自动进入对码状态。

- 1、将发射机进入对码状态（发射机进入对码状态的方式可能不同，请根据发射机的使用说明书进行操作）；
- 2、接收机上电等待2秒没有连接将自动进入对码；
- 3、对码成功后，接收机 LED 指示灯常亮。

注:

- 1、对码时请先将发射机进入对码状态，再将接收机进入对码状态，若 10s 内对码没有完成，接收机指示灯进入慢闪状态；
- 2、因本款接收机仅支持单向对码，若对码的发射机支持双向模式切换，请先在发射机端设置为单向模式后再开始对码。

Failsafe 失控保护

This function protects the user by preventing the model from behaving unexpectedly if signal is lost. The receiver will maintain the last output after it is out-of-control. If you set failsafe value at the transmitter side, the set value will be output if the signal is lost.

此功能用于当接收机无法正常收到发射机的信号不受控制时，保护模型和操作人员的安全。该接收机默认失控后保持最后输出，若已在发射机端设置，则按照设置值输出。

! Attentions 注意事项

- Make sure the product is installed and calibrated correctly, failure to do so may result in serious injury.
- Make sure the receiver's battery is disconnected before turning off the transmitter, failure to do so can result out of control. Unreasonable setting of the Failsafe may cause accidents.
- Make sure the receiver is mounted away from motors, electronic speed controllers or any device that emits excessive electrical noise.
- Keep the receiver's antenna at least 1cm away from conductive materials such as carbon or metal.
- Do not power on the receiver during the setup process to prevent loss of control.
- 使用前必须确保本产品与模型安装正确，否则可能导致模型发生严重损坏。
- 关闭时，请务必先关闭接收机电源，然后关闭发射机。如果关闭发射机电源时接收机仍然在工作，将会导致遥控设备失控。失控保护设置不合理可能引起事故。
- 确保接收机安装在远离电机，电子调速器或电子噪声过多的区域。
- 接收机天线需远离导电材料，例如金属棒和碳物质。为了避免影响正常工作，请确保接收机天线和导电材料之间至少有 1 厘米以上的距离。
- 准备过程中，请勿连接接收机电源，避免造成不必要的损失。

Brushless Electronic Speed Controller

无刷电子调速器

Disclaimer 声明

Thank you for your purchase. Please read the following statement carefully before use, once used, it is considered to be an acceptance of all the contents. Please follow the manual instructions carefully during the installation. Modification may result in personal injury and product damage. We reserve the rights to update the design and performance of the product without notice. We are only responsible for our product cost and nothing else as result of using our product.

感谢您购买本产品！无刷动力系统功率强大，错误的使用可能造成人身伤害和设备损坏。我们强烈建议您在使用设备前仔细阅读本说明书，并严格遵守规定的操作程序。我们不承担因使用本产品而引起的任何责任，包括但不限于对附带损失或间接损失的赔偿责任；同时，我们不承担因擅自对产品进行修改所引起的任何责任。我们有权在不经通知的情况下变更产品设计、外观、性能及使用要求。

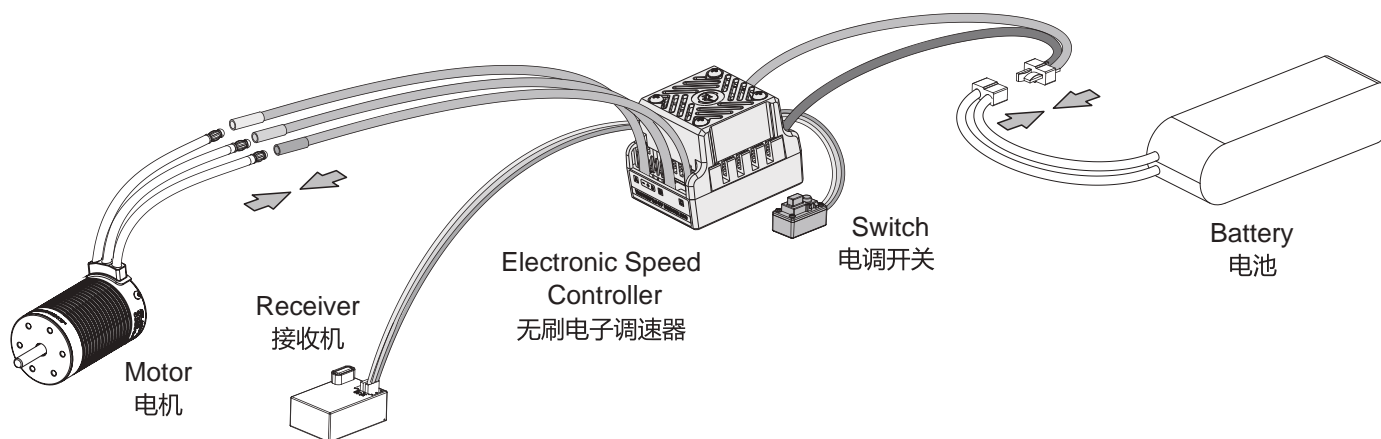
Warnings 注意事项

- Read the manuals of all the items being used in the build. Ensure gearing, setup, and overall install is correct and reasonable.
- It is important to ensure that all wires soldered are properly secured to avoid short circuits from happening. A good soldering station is recommended to do such a job to avoid overheating the circuit board as well as to ensure connections are properly soldered.
- Even though the product has relevant protective measures, always use it in a safe manner in accordance with the operating environment noted in the manual (e.g. voltage, current, temperature and etc).
- The battery must be disconnected after use. There is a small draw even when the system is off, and will eventually fully drain the battery. This may cause damage to the ESC, and will NOT BE COVERED UNDER WARRANTY.
- 电调与相关连接部件连接前，请确保所有电线和连接部件绝缘良好，短路会毁坏电调。
- 请务必仔细连接好各部件，若连接不良，您可能不能正常控制车辆，或出现设备损坏等其他不可预知的情况。
- 使用此电调前，请认真查看各动力设备以及车架说明书，确保动力搭配合理，避免因错误的动力搭配导致电机超载，最终损坏电调。
- 勿使电调外部温度超过90°C/194°F，高温将会毁坏电调并且可能导致电机损坏；
- 浸水工作时，建议将风扇取下，并在使用后尽快将电调洗净吹干，防止插头氧化。
- 使用完毕后，切记断开电池与电调的连接。只要接着电池，即使开关未开电调也会一直消耗电流，长时间连接会导致电池最终完全放电；进而导致电池或电调出现故障；**我们不对因此而造成的任何损害负责。**

Specifications 产品规格

Model 型号	Cont. Current 持续 电流	Applications 主要适用车型	Recommended Motor 推荐电机KV	LiPo/NiMH Cells 电池节数	BEC Output BEC 输出	Size 尺寸	Weight(w/wire &connectors) 重量(含线 材插头重量)	Programming Method 参数设定 方法
WP 10BL60 RTR G2	60A	1/10 On-road, Buggy, Short course truck 1/10 平路、 越野、短卡	with 2S LiPo: KV≤6000 with 3S LiPo: KV≤3500 (3652/3660 size motor) 2节锂电: KV≤6000 3节锂电: KV≤3500 (3652/3660尺寸电机)	2-3SLiPo 6-9 Cells NiMH 2-3S锂电 6-9节镍氢	6V/3A	46(L)x 36.5(W)x 34.3(H) mm 46(长)x 36.5(宽)x 34.3(高) mm	98.2g	SET button, LED program box SET键、 LED设定卡

Connections 连接电子调速器



Refer to the wiring instructions and wiring diagram:

• **Motor connection**

There are no wire sequencing requirements needed when using a sensorless brushless motor, you can swap two wires if the motor runs in opposite direction.

• **Receiver connection**

Connect the ESC throttle cable to the throttle channel on the receiver. Since the red wire in the throttle cable outputs BEC voltage to the receiver and servo, please do not supply additional power to the receiver, otherwise the esc may be damaged. If additional power is required, disconnect the red wire on the throttle plug from the ESC.

• **Battery connection**

Make sure that the (+) pole of the ESC is connected to the (+) pole of the battery and (-) to the (-). If the connection is reversed, the ESC will be damaged and will not be covered by the warranty service.

请参照接线图及接线说明正确接线

• **连接电机:**

电调与电机相连无严格的线序要求，电调的#A/#B/#C可以与电机的三线随意对接，若出现电机转向相反，任意交换其中两条电机线即可。

• **连接接收机:**

将电调的油门控制线接入接收机的油门通道（通常为TH或CH2通道）。因电调油门线会输出BEC电压给接收机及舵机，所以请勿给接收机额外供电，若需要额外供电，请断开电调油门线中的红色线。

电调的输入线有极性之分，接入电池时，请确保电调的（+）极与电池的（+）极相连，（-）与（-）相连。如果电调接反电将被损坏。

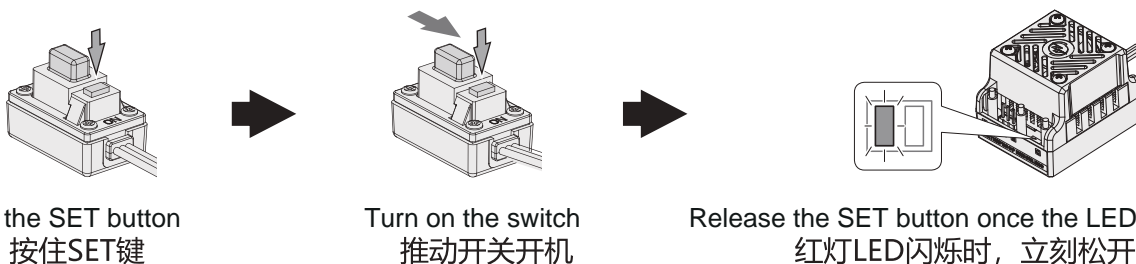
ESC Setup 设置电子调速器

1. Set the Throttle Range - ESC Calibration Process

The calibration must be done on the first use of the ESC, or if a new radio or receiver is installed, otherwise the esc may not work correctly. We strongly recommend to activate the "Fail Safe" function of the transmitter and set no signal protection for throttle channel of transmitter (F/S) to "OFF" or set its value to the "Neutral Position" to ensure the motor can be stopped when there is no signal received from the transmitter. The throttle calibration steps is as follows:

1、设定油门行程

电调第一次使用前或更换过遥控器/接收机，均需重设油门行程，不然可能会导致电调无法使用或误动作。另外我们建议将遥控器油门通道的无信号保护（“F/S”）功能设置为关闭输出方式或将保护值设置为中点位置，使得当接收机无法收到遥控器信号后，电机能够停止运转。油门校准步骤如下图所示：



Hold the SET button
按住SET键

Turn on the switch
推动开关开机

Release the SET button once the LED flashes
红灯LED闪烁时，立刻松开按键

1. Turn on the transmitter, set parameters on the throttle channel like "D/R", "EPA" and "ATL" to 100% (for transmitter without LCD, please turn the knob to the maximum) and the throttle "TRIM" to 0 (for transmitter without LCD, please turn the corresponding knob to the neutral position). This step can be skipped if the radio's settings are default!

2. The ESC is in off state. Hold the SET button and turn on the ESC, the RED LED on the ESC starts to flash (the motor beeps at the same time), and then release the SET button immediately. (The ESC will enter the programming mode if the SET button is not released in 3 seconds, then you need to restart from step 2.)

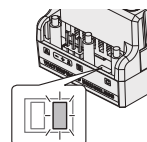
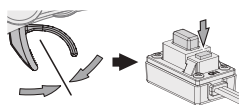
Note: Beeps from the motor may be low sometimes, and you can check the LED status instead.

1、打开遥控器，将油门通道的“D/R”、“EPA”、“ATL”等参数调到100%（如遥控器无显示屏，则将对应该旋钮调到最大位置），油门通道的中点微调“TRIM”调为0（如遥控器无显示屏，则将对应该旋钮调到中间位置）。若遥控器为默认设置，可以不作此设置，直接从第二步开始。

2、电调关机状态，持续按住开关上的SET按键不松开，同时推动开关开机，待电调上红色LED开始闪烁时（同时电机鸣叫），立即松开按键（若在3秒内未松开则会进入参数设置模式，需重新开始）。

With the throttle trigger in the neutral position and press the SET button

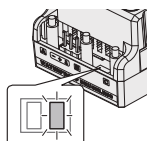
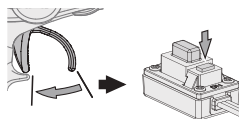
板机置于中点，按一下SET按钮



Press the SET button and the Green LED flashes once
按一下SET键，绿灯闪烁一下

Move the throttle trigger to the full throttle and press the SET button

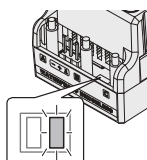
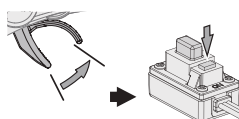
板机置于最大油门位置，按一下SET按钮



Press the SET button and the Green LED flashes twice
按一下SET键，绿灯闪烁二下

Move the throttle trigger to the full brake and press the SET button

板机置于最大刹车位置，按一下SET按钮



Press the SET button and the Green LED flashes three times
按一下SET键，绿灯闪烁三下

3. Set the neutral point, the full throttle endpoint and the full brake endpoint.

- Leave the throttle trigger at the neutral position, press the SET button, the GREEN LED flashes once and the motor beeps 1 time to store the neutral position.
- Pull the throttle trigger to the full throttle position, press the SET button, the GREEN LED flashes twice and the motor beeps 2 times to store the full throttle position.
- Push the throttle trigger to the full brake position, press the SET button, the GREEN LED flashes 3 times and the motor beeps 3 times to store the full brake position.

4. The motor can work normally after the throttle range calibration is complete.

3、此时需要设定三个点：油门中点、最大油门点和最大刹车点。

- 油门扳机留在中点位置，按一下SET键，绿灯闪烁1次，电机鸣叫“哔”1声，表示已存储中点位置；
- 油门扳机打到最大油门位置，按一下SET键，绿灯闪烁2次，电机鸣叫“哔-哔-”2声，表示已存储最大油门位置；
- 油门扳机打到最大刹车位置，按一下SET键，绿灯闪烁3次，电机鸣叫“哔-哔-哔-”3声，表示已存储最大刹车位置。

4、油门行程校调完毕，待自检完成后，电机即可正常操作。

2. Programmable Items (The highlighted options are the default settings of the system).

Parameter List of WP 10BL120 / 10BL80 / 10BL60 / 12BL45 / 16BL30 RTR G2:

2. 编程项目说明 (下表中黑底白字选项表示出厂默认值)。

WP 10BL120 / 10BL80 / 10BL60 / 12BL45 / 16BL30 RTR G2电调参数表如下:

Programmable Item 设定项目名称	Option 1 选项1	Option 2 选项2	Option 3 选项3	Option 4 选项4	Option 5 选项5	Option 6 选项6	Option 7 选项7	Option 8 选项8	Option 9 选项9
1. Running Mode 1、运行模式	Forward with Brake 正转带刹车	Forward/Reverse with Brake 正反转带刹车							
2. Drag Brake Force 2、拖刹力度	0%	5%	10%	15%	20%	25%	30%	40%	
3. Low Voltage Cutoff 3、电池低压保护阈值	Disabled 不保护	2.6V/Cell	2.8V/Cell	3.0V/Cell	3.2V/Cell	3.4V/Cell			
4. Punch 4、启动加速度	Level 1 1级	Level 2 2级	Level 3 3级	Level 4 4级					
5. Max. Brake Force 5、最大刹车力度	25%	50%	75%	100%					

Parameter List of WP 10BL120 / 10BL80 / 10BL60 / 12BL45 / 16BL30 RTR G2:

WP 10BL120 / 10BL80 / 10BL60 / 12BL45 / 16BL30 RTR G2电调参数表如下:

Programmable Item 设定项目名称	Option 1 选项1	Option 2 选项2	Option 3 选项3	Option 4 选项4	Option 5 选项5	Option 6 选项6	Option 7 选项7		
1. Running Mode 1、运行模式	Forward with Brake 正转带刹车	Forward/Reverse with Brake 正反转带刹车	Forward with Reverse 直接正反转						
2. Drag Brake Force 2、拖刹力度	0%	5%	10%	20%	40%	60%	80%	100%	
3. Low Voltage Cutoff 3、电池低压保护阈值	Disabled 不保护	2.6V/Cell	2.8V/Cell	3.0V/Cell	3.2V/Cell	3.4V/Cell			
4. Punch 4、启动加速度	Level 1 1级	Level 2 2级	Level 3 3级	Level 4 4级	Level 5 5级	Level 6 6级	Level 7 7级	Level 8 8级	Level 9 9级
5. Max. Brake Force 5、最大刹车力度	25%	50%	75%	100%	Disabled 无刹车				

1. Running Mode**Option 1: Forward with Brake**

It has forward and brake functions only and is usually a racing mode.

Option 2: Forward / Reverse with Brake

This mode provides reverse function. The vehicle only brakes on the first time you push the throttle trigger to the reverse/brake position. If the motor stops when the throttle trigger return to the neutral position and then re-push the trigger to reverse position, the vehicle will reverse, if the motor does not completely stop, then your vehicle won't reverse but still brake. This method is for preventing vehicle from being accidentally reversed.

Option 3: Forward with Reverse

The motor will reverse directly when the throttle trigger is pushed to reverse position.

2. Drag Brake Force

Refers to the brake force generated by the motor when the throttle trigger returns to neutral position. Typically drag brake will be 0. Drag brake can add some heat so use only as needed.

3. Low Voltage Cutoff

This function is mainly to prevent excessive discharge of lithium batteries causing damage. The ESC monitors the battery voltage at all times, and once the voltage falls below the set threshold, the power output will be reduced, and it will be completely cut off after a period of time. When the voltage protection is entered, the RED LED will flash a short, single flash that repeats (☆, ☆, ☆...). For NiMH batteries, it is recommended to set this parameter to "Disabled".

4. Punch

This item is used to control the throttle response. The higher level, the more aggressive the throttle will be applied, but it also means high current (high temperature). Lower level can help with low traction situations, or stuttering when the throttle is aggressively applied.

5. Max. Brake Force

This ESC provides proportional braking function; the braking effect is decided by the position of the throttle trigger. It sets the percentage of available braking power when full brake is applied. Large amount will shorten the braking time but it may damage your pinion and spur gear.

Note: The default reverse force for 10BL120/10BL100/10BL80/10BL60 is 50%, and the default reverse force for 8BL150/8BL130/12BL45/16BL30 is 25%.

1、运行模式:**选项1: 正转带刹车**

此模式下, 车辆仅能前进和刹车, 但不能倒车, 该模式通常用于竞赛。

选项2：正反转带刹车

此模式提供了倒车功能。当油门扳机第一次推至反向区域时，电机只是刹车，不会产生倒车动作，当油门扳机回到中点区域并第二次推至反向区域时，如果此时电机已停止，则产生倒车动作，如果电机未停止，则不会倒车，仍是刹车。这样做的目的是防止车辆行驶过程中因多次点刹而造成误倒车。

选项3：直接正反转

此模式采用单击式倒车方式，当油门扳机推至反向区域时，电机就会产生倒车动作。

2、拖刹力度：

拖刹是指当油门扳机进入到中点区域内时，电机产生的刹车力，请根据车辆类型、配置、场地等情况选择合适的值。

3、电池低压保护阈值：

这项功能主要是防止锂电池过度放电而造成不可恢复的损坏。电调会时刻监视电池电压，一旦电压低于设定的阈值，将降低动力输出，数秒后将彻底切断动力输出。当进入电压保护后，红色 LED 会以“☆-，☆-，☆-”方式闪烁，若使用镍氢（NiMH）电池，可设为“不保护”。

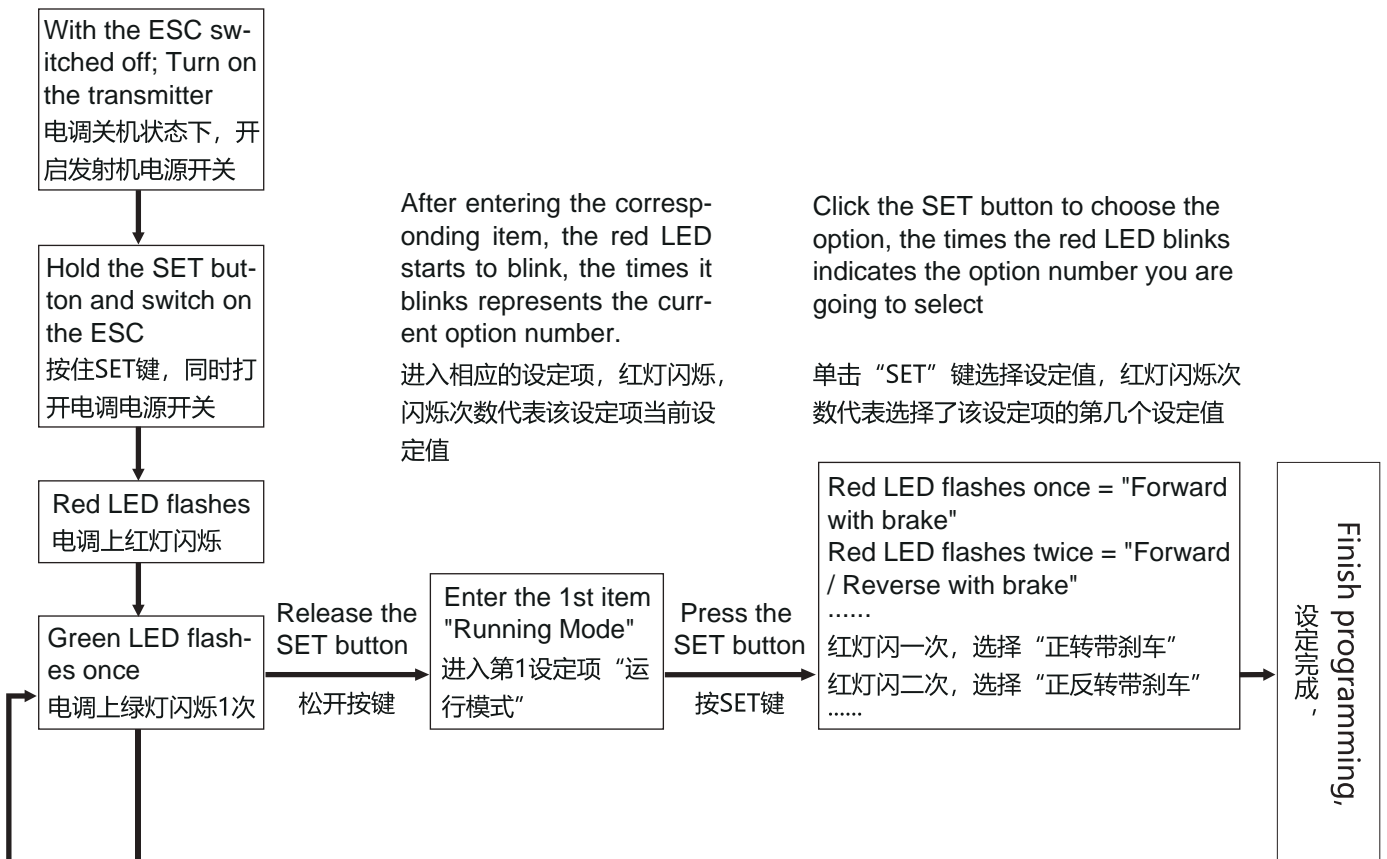
4、启动加速度：

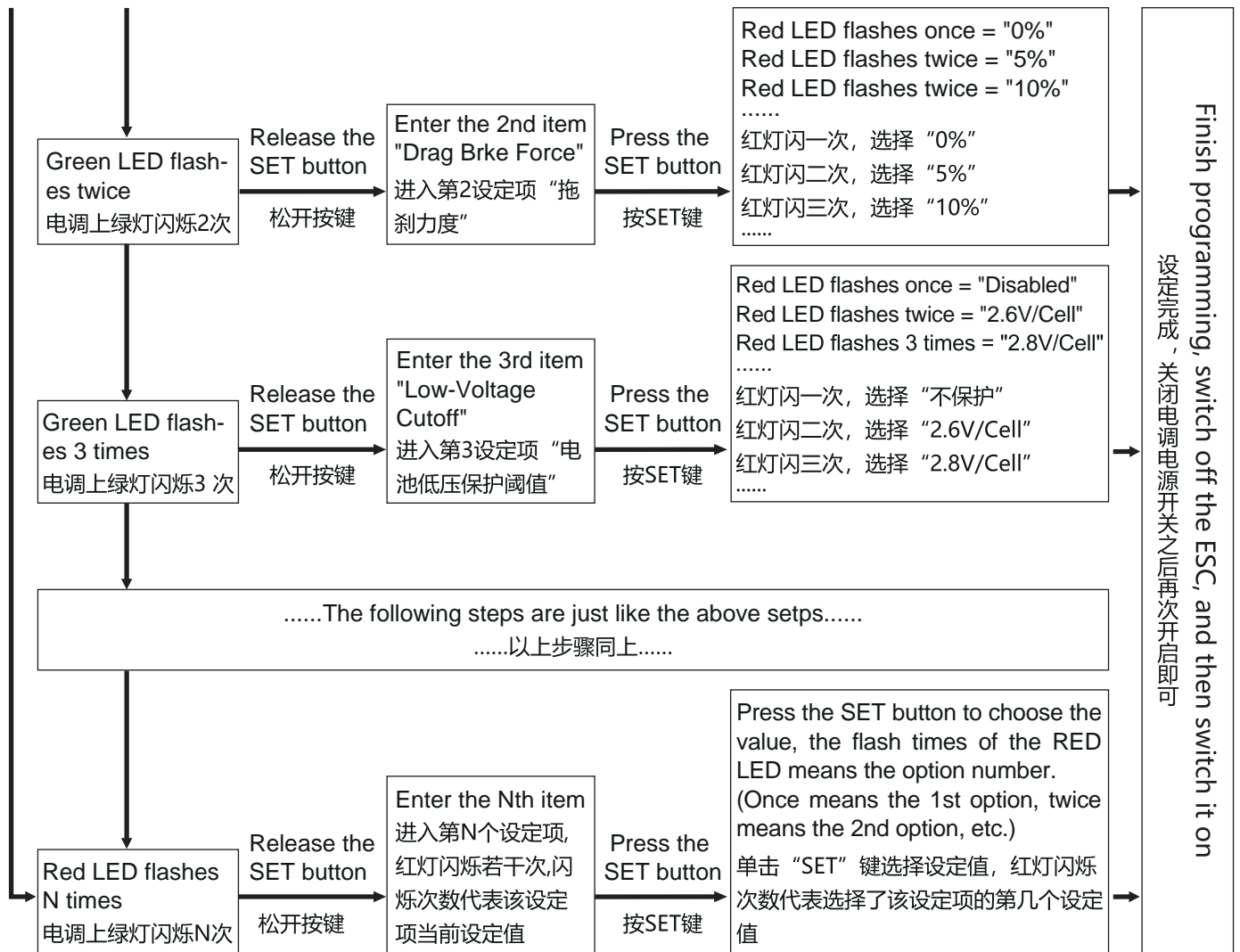
用于控制油门输出快慢，设置值越大，则加速越快。需要根据场地、轮胎抓地特性、车辆配置等情况综合考虑。如设置过大可能会造成轮胎打滑、启动电流过大而对电机/电调/电池造成不利。

5、最大刹车力度：

本电调提供比例式刹车功能，刹车力度的大小和油门扳机的位置相关，最大刹车力是指油门扳机处于刹车最大位置时所产生的刹车力。请根据车辆的具体情况，选择合适的最大刹车力度。

备注：10BL120/10BL80/10BL60的默认倒车力度为50%，8BL150/8BL130/12BL45/16BL30的默认倒车力度为25%。

ESC Programming 参数设置方法**1. Program your ESC with the SET Button:****1、利用电调上的SET按键进行参数设置，设置方法如下图所示：**



Note:

- 1) In the program process, the motor will emit "Beep" tone when the LED is flashing.
- 2) We use a long time flash and long "Beep—" tone to represent number "5" for easily identify the items of the big number.

"A long time flash" (Motor sounds "B—") = the No. 5 item;

"A long time flash + a short time flash" (Motor sounds "B—B-") = the No. 6 item;

"A long time flash + 2 short times flash" (Motor sounds "B—BB--") = the No. 7 item;

"A long time flash + 3 short times flash" (Motor sounds "B—BBB---") = the No. 8 item.

注:

1) 指示灯闪烁的同时, 电机会发出鸣音 "哔", 以便于识别。

2) 当N≥5时, 我们使用一次较长时间的指示灯闪烁 (同时伴有一次较长时间的鸣音) 来表示数字 "5"。比如: 电调上指示灯长闪一次 (同时电机发出一次长鸣音 "哔——"), 表示进入第5设定项或者第5个参数值; 若电调灯长闪一次再短闪一次 (同时电机发出一次长鸣音 "哔——" 和一次短鸣音 "哔-"), 表示进入第6个参数值。依次类推, 第7参数值为 "哔——哔-哔-", 第8参数值为 "哔——哔-哔-哔-"

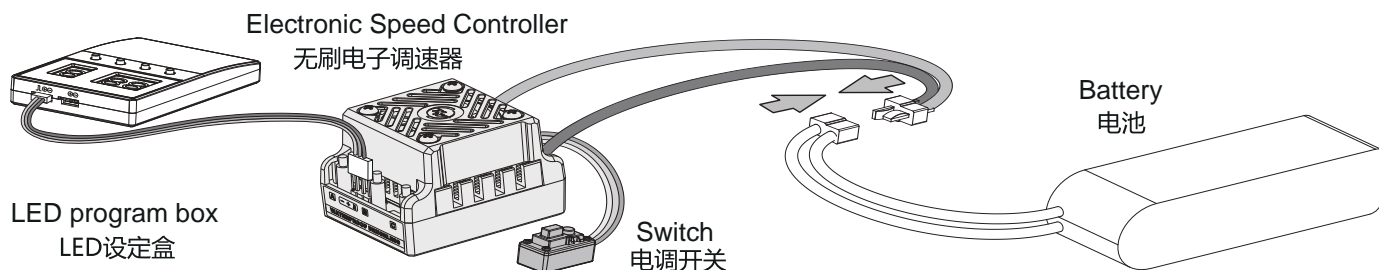
2. Program your ESC with a LED program box

The ESC is in off state, connect the 3pin setting interface marked with "-" + " on the esc to the interface marked with "-" + " on the upper right corner of the LED program box using a cable with JR plug at both ends, then power on the ESC, after a few seconds, all parameters of the ESC can be displayed. The "ITEM" and "VALUE" button on the program box can quickly select the programming items and parameter values, press "OK" button to save the new parameters in ESC.

2、利用LED参数设定卡

电调支持使用LED设定盒进行参数设置，设置方法如下：

电调处于关机状态，用一根两端带JR插头的排线将电调上标识着“- +”的3pin设定接口与LED设定盒右上方标识着“- +”的接口按照极性对应相连。然后将电调开机，数秒后该电调的各项参数即可显示出来。利用设定盒上的“ITEM”和“VALUE”按键即可快速选择编程项目和参数值，然后按“OK”键后，新参数即可存入电调中。

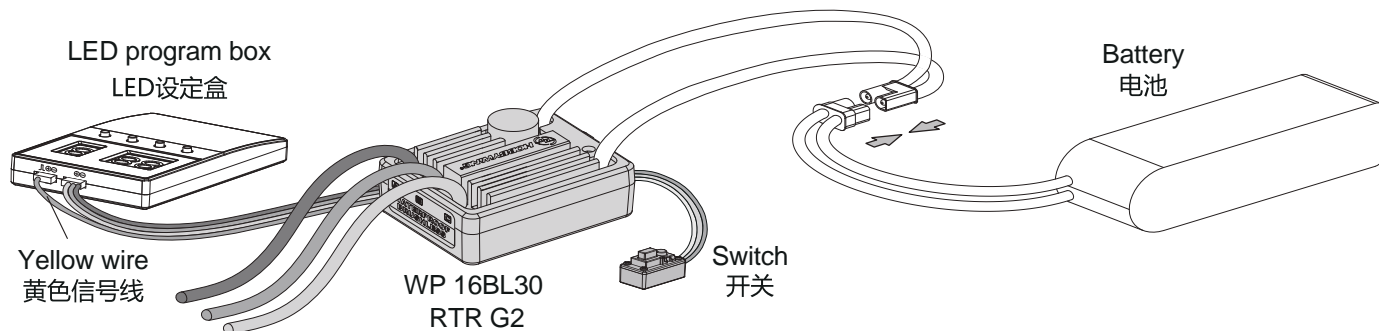


For the WP 16BL30 RTR G2 ESC, the method of connecting the LED program box is different from other ESCs. The connection method is as follows:

The ESC is in off state, connect the throttle cable (white/red/black) to the interface marked with "- +" on the LED program box (red to positive, black to negative), and at the same time, connect the yellow signal cable to the interface marked with "- +" on the LED program box (the yellow wire corresponds to the signal interface), then power on the ESC.

对于WP 16BL30 RTR G2电调，其连接设定盒的方法不同于其它几款电调，连接方法如下：

电调处于断电状态，将白红黑油门线接到LED设定盒上方标识着“+ -”的接口(红正黑负)，同时将黄色信号线接到LED设定盒上方标识着“- +”的接口(黄色线对应信号接口)。然后给电调通电即可。



Note: Since the program box supports multiple escs, the label content on the separately purchased program box may not exactly correspond to the parameter items of your esc. Please refer to the parameter table in the manual of esc when setting it (the number displayed in the left window of the program box is the parameter item, and the number displayed in the right window is the parameter value).

注：由于设定盒支持多种电调使用，故单独购买的设定盒上的标签内容不一定能完全对应上所用电调参数项，在设置电调参数时请对照电调说明书中的参数表（设定盒左侧窗口显示的数字为参数项，右侧窗口显示的数字为参数值）。

Factory Reset 恢复出厂参数设定

• Restore the default values with the SET button

Turn on the transmitter first (with the throttle trigger in the neutral position), then turn on the esc (with the light is in the off state), finally press and hold the SET button of the esc switch for over 3 seconds. RED & GREEN LEDs flash simultaneously indicating you have successfully restored all the default values within your ESC. Once you power the ESC off, and then back on, your settings will be back in the default mode.

• Restore the default values with a LED program box

After connecting the program box to the ESC, press the “RESET” button and the “OK” button to factory reset your ESC.

• 利用SET键恢复出厂设置，方法如下

先打开遥控器（油门扳机处于中点位置），再将电调开机（电调指示灯处于熄灭状态），按住电调开关SET键3秒以上，直到出现红绿灯同时闪烁表示恢复设定成功，出厂设定需重新上电方可生效。

• 利用LED参数设定盒恢复出厂设定

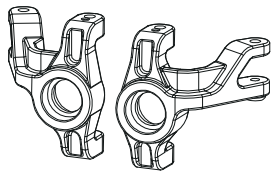
设定盒与电调连通后，按下“RESET”键，然后再按下“OK”保存，即可恢复出厂设置。

Trouble Shooting 故障快速处理

Trouble 故障现象	Possible Reason 可能原因	Solution 解决方法
<p>The light does not turn on after power-up, the motor does not start, and the fan does not work</p> <p>上电后指示灯不亮, 电机无法启动, 风扇不转</p>	<ul style="list-style-type: none"> No power is supplied to the ESC The ESC switch is damaged 电池电压没有输入到电调 电调开关损坏 	<ul style="list-style-type: none"> Check the battery, and whether the connection between battery and esc is good and whether the plug is soldered well Replace the switch 检查电池好坏以及电池与电调的连接是否良好 更换开关
<p>The esc does not work after power on, with a "beep-beep-,beep-beep-,..."Warning tone accompanied by a flashing light (approximately 0.5 seconds for each set of two-tone intervals)</p> <p>上电后电机无法启动, 发出“哔-哔-, 哔-哔-”警示音且伴有绿灯闪烁 (每组双音间隔时间为0.5秒)</p>	<ul style="list-style-type: none"> Input voltage is abnormal 电池组电压不在正常范围内 	<ul style="list-style-type: none"> Check the battery voltage or change the battery for test 检查电池组电压
<p>After power on, the red light flashes quickly</p> <p>上电后红灯快速闪烁, 电机不转</p>	<ul style="list-style-type: none"> The ESC didn't detect any throttle signal The neutral throttle value stored on your ESC is different from the value stored on the transmitter 电调未检测到油门信号 电调油门中点与遥控器不匹配 	<ul style="list-style-type: none"> Check if the throttle wire is reversely plugged in or in the wrong channel and if the transmitter is turned on Re-calibrate the esc 检查油门线是否插反、通道是否插错、控是否有开启 油门归中位/微调遥控器油门中点, 重新校准油门行程
<p>The motor runs in the opposite direction when it is accelerated</p> <p>遥控器正向加大油门, 车子反而倒退</p>	<ul style="list-style-type: none"> The motor rotation direction does not match the car frame 电机转向与车架前进方向不符 	<ul style="list-style-type: none"> Swap any two wire connections between the ESC and the motor 将电机的三条线中任意两条互换位置
<p>The motor suddenly stopped or significantly reduced the output in running</p> <p>电机转动过程中, 突然停转或功率输出显著降低</p>	<ul style="list-style-type: none"> The throttle signal is lost The ESC has entered the Low Voltage Protection Mode or Over-heat Protection Mode 接收机遇到干扰 电调进入电池低压保护状态 电调进入过温保护状态 	<ul style="list-style-type: none"> Check the transmitter and the receiver Check the signal wire from the throttle channel of your receiver Red LED flashing means Low Voltage. Green LED flashing means Over-heat 检查接收机出现干扰的原因, 检查遥控器电池电量 红灯持续闪烁为电压保护, 请更换电池 绿灯持续闪烁为温度保护
<p>The motor stuttered but couldn't start</p> <p>电机抖动, 无法启动</p>	<ul style="list-style-type: none"> Poor connection between esc and motor The ESC was damaged (some MOSFETs were burnt) 电调与电机连接不良 电调故障 (部分功率管MOSFET烧坏) 	<ul style="list-style-type: none"> Check all plugs and soldering points, and re-solder them if necessary Contact the distributor for repair or other customer services 检查各插头焊接点, 必要时重新焊接 联系经销商处理维修事宜

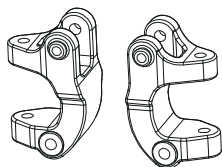
Trouble 故障现象	Possible Reason 可能原因	Solution 解决方法
<p>The vehicle could run forward (and brake), but could not reverse</p> <p>前进正常，但无法倒车</p>	<ul style="list-style-type: none"> • The throttle neutral position on your transmitter was actually in the braking zone • Set the "Running Mode" improperly • The ESC was damaged • 遥控器油门通道中点偏离到刹车区域 • 参数项“运行模式”设置错误 • 电调损坏 	<ul style="list-style-type: none"> • Re-calibrate the throttle neutral position. No LED on the ESC will come on when the throttle trigger is at the neutral position • Set the "running mode" to "Forward/Reverse with Brake" • Contact the distributor for repair or other customer services • 重新校调油门通道中点，使遥控器油门扳机置于中位时，电调上的指示灯熄灭 • 参数项“运行模式”设置为“正反转带刹车” • 联系经销商处理维修事宜
<p>The LED program box kept display 3 short lines (- - -) after you connected it to your ESC</p> <p>连接LED设定盒，设定盒一直显示三条横线“— — —”，无法进入参数设置</p>	<ul style="list-style-type: none"> • The connection is incorrect • 电调编程接口连接错误 • 设定盒有额外供电 	<ul style="list-style-type: none"> • Refer to the wiring diagram in the instruction manual • 参考文中的连线图进行连接 • 电调有BEC输出，设定盒无需额外供电
<p>The throttle travel setting (ESC/Radio Calibration) could not be completed</p> <p>无法完成油门行程设定</p>	<ul style="list-style-type: none"> • The esc did not receive the correct throttle signal • 电调未接收到正确的油门信号 	<ul style="list-style-type: none"> • Check whether the throttle cable is correctly connected to the receiver • If the servo works normally, you can connect the throttle cable of esc to the steering channel to have a test, or change the transmitter/receiver system for test directly • 检查有无接错通道、油门线有无接反 • 检查接收机是否损坏，将油门线接到舵机通道进行测试

22000



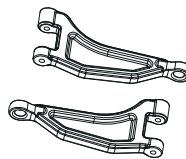
转向座左/右
Steering Block(Left and right)

22001



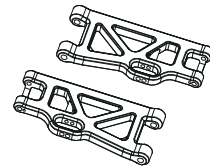
c座
C-Hub

22002



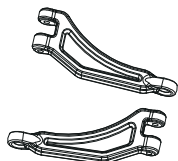
前上摆臂
Front Upper arm

22003



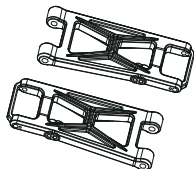
前下摆臂
Front Lower arm

22004



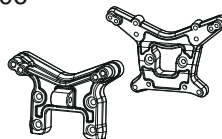
后上摆臂
Rear Upper Arm

22005



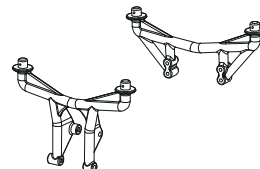
后下摆臂
Rear Lower Arm

22006



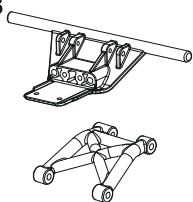
前/后避震板
Shock Tower(Front&Rear)

22007



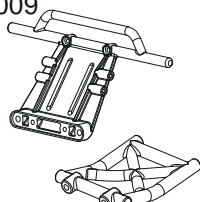
前/后车壳柱
Body mount(Front&Rear)

22008



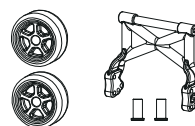
前防撞
Front Bumper

22009



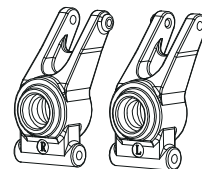
后防撞
Rear Bumper

22010



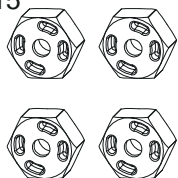
抬头轮组
Wheelie Bar Set

22014



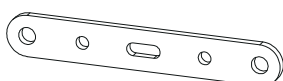
后轴座
Rear Hub

22015



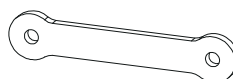
六角轮座
Wheel Hex

22016



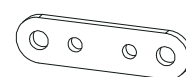
后下夹片
Rear Lower Clip

22017



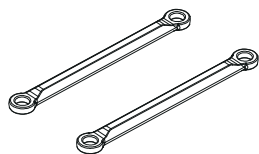
前上夹片
Front Upper Clip

22018



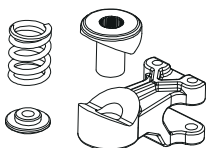
前下夹片
Front Lower Clip

22019



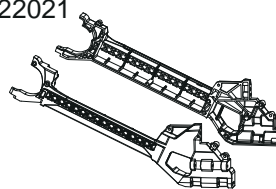
转向拉杆
Steering Linkage

22020



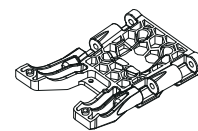
转向舵机臂
Steering Servo Arm

22021



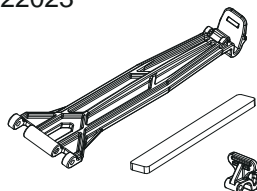
底板
Chassis

22022



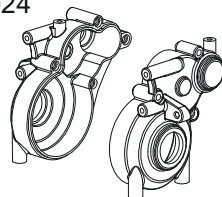
底板后
Chassis Rear

22023



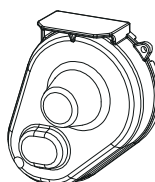
电池盖板
Battery Cover

22024



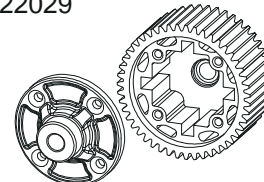
齿轮箱
Gear Box

22027



齿轮保护罩
Gear Cover

22029

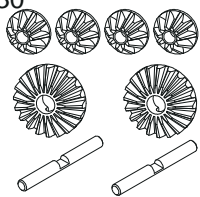


差速壳/差速器后盖
Differential Cover

Spare Parts List

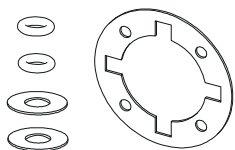
配件列表

22030



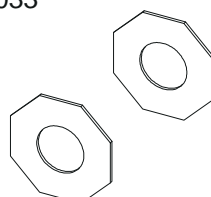
差速齿轮组
Differential Gear Set

22031



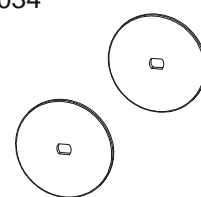
差速器密封垫片/O型圈
Differential Gasket

22033



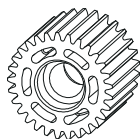
限滑环保纸
Slipper Paper

22034



限滑钢片
Slipper metal Sheet

22035



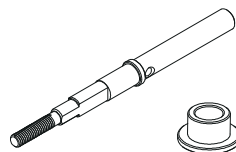
传动齿轮29T
Transmission Gear 29T

22037



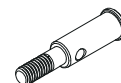
马达齿轮
Pinion Gear

22038



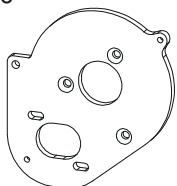
减速轴/T型套
Reduction Shaft

22039



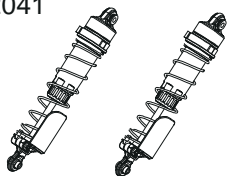
前轮轴
Front Wheel Driveshaft

22040



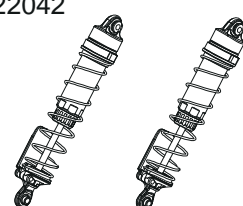
马达板
Motor Mount Plate

22041



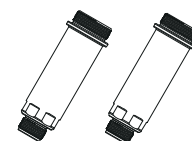
前避震器
Front Shock Absorber set

22042



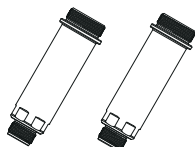
后避震器
Rear Shock Absorber set

22043



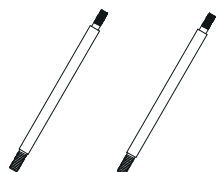
前避震筒-短
Front Shock Body-short

22044



后避震筒-长
Rear Shock Body-long

22045



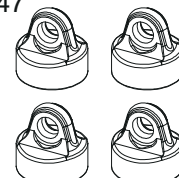
前避震轴-短
Front Shock Shaft Set-short

22046



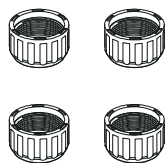
后避震轴-长
Rear Shock Shaft Set-long

22047



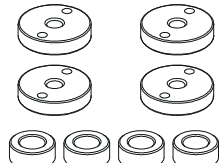
避震上盖
Upper Shock Cover

22048



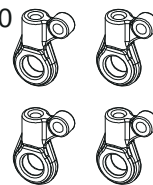
避震下盖
Lower Shock Cover

22049



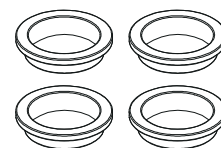
避震活塞/避震隔套
Shock Piston with Spacer Sleeve

22050



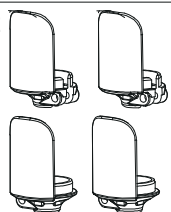
避震下球头座
Shock Rod End

22051



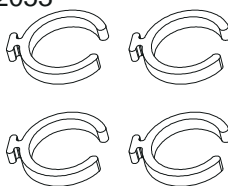
避震弹簧上卡座
Shock Rod

22052



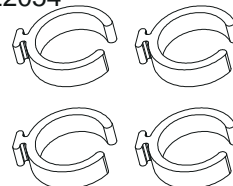
避震弹簧下座
Shock Rod End and Spring Cups

22053



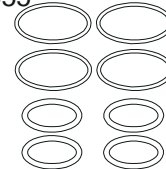
避震调节环3mm
Shock Adjustment Ring 3mm

22054



避震调节环5mm
Shock Adjustment Ring 5mm

22055



避震上/下盖密封圈
Shock O-Ring

Spare Parts List

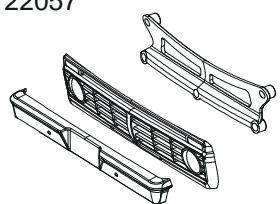
配件列表

22056



避震x型圈
Shock X-Ring

22057



车壳中网
Grille

22058



轮胎组
Wheel and Tire Mounted

22059



胎皮
Tires

22060



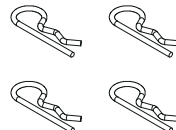
轮框
Wheel hub

22062



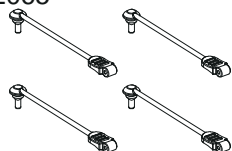
防滚架组
Rooftop Rack with
Spotlight Bracket

22064



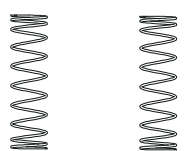
车壳R扣
R buckle

22065



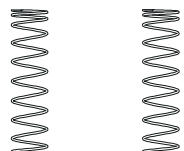
车壳R扣胶条
Body Post Spring Clip Set

22066



前避震弹簧-短
Front Shock Spring Set-short

22067




后避震弹簧-长
Rear Shock Spring Set-long

22068



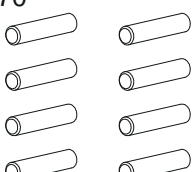
减速限滑弹簧/隔套
Slipper Springs

22069



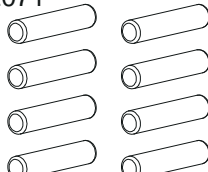
舵机缓冲弹簧
Servo Saver Spring

22070



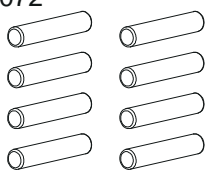
销子2*10
Pin 2*10mm

22071



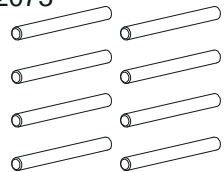
销子2.5*12
Pin 2.5*12mm

22072



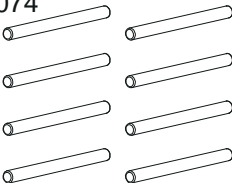
销子5*27
Pin 5*27mm

22073



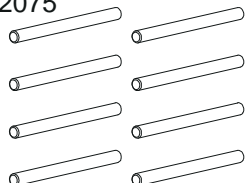
销子3*33
Pin 3*33mm

22074



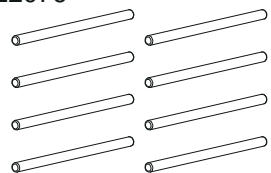
销子3*38
Pin 3*38mm

22075



销子3*40
Pin 3*40mm

22076



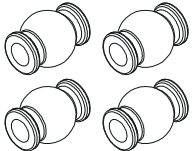
销子4*75
Pin 4*75mm

22077



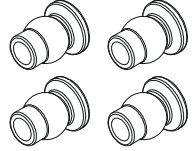
转向拉杆球头
Steering Link Pivot Ball Set

22078



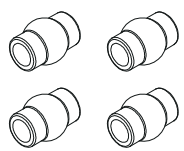
摆臂球头
Suspension Link Pivot Ball Set

22079



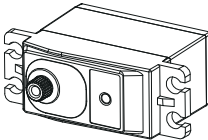
避震球头上
Shock Pivot Ball Upper Set

22080



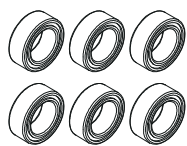
避震球头下
Shock Pivot Ball Lower Set

22082



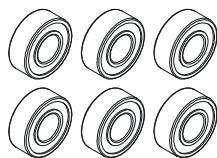
15kg舵机
15kg Servo

22085



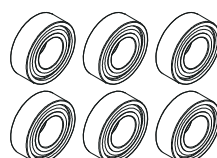
轴承9*5*3
Ball Bearing 8*5*3mm

22086



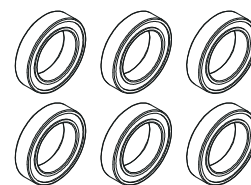
轴承11*5*4
Ball Bearing 11*5*4mm

22087



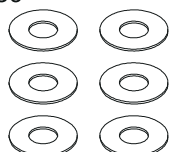
轴承12*6*4
Ball Bearing 12*6*4mm

22088



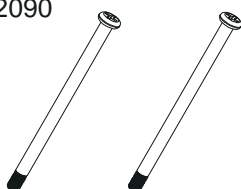
轴承18*12*4
Ball Bearing 18*12*4mm

22089



垫片5.2*12*0.2
Spacer 5.2*12*0.2

22090



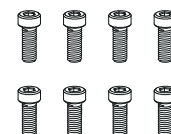
螺丝轴3*48
Screw Shaft 3*48

22091



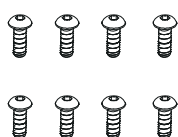
螺丝轴3*30
Screw Shaft 3*30

22092



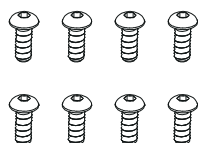
圆柱头内六角螺丝M3*8
Cap Head Hex Screw M3*8

22093



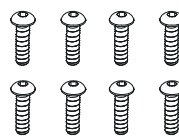
盘头内六角螺丝M2*6
Bottom Head Hex Screw

22094



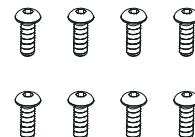
盘头内六角螺丝M2.5*6
Bottom Head Hex Screw

22095



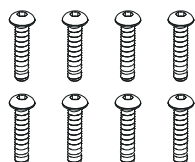
盘头内六角螺丝M2.5*10
Bottom Head Hex Screw

22096



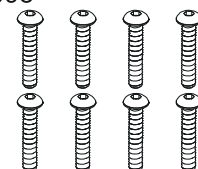
盘头内六角螺丝M3*10
Bottom Head Hex Screw

22097



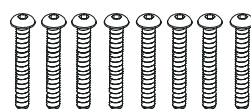
盘头内六角螺丝M3*16
Bottom Head Hex Screw

22098



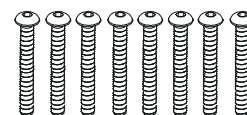
盘头内六角螺丝M3*18
Bottom Head Hex Screw

22099



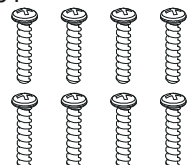
盘头内六角螺丝M3*20
Bottom Head Hex Screw

22100



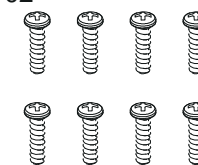
盘头内六角螺丝M3*24
Bottom Head Hex Screw

22101



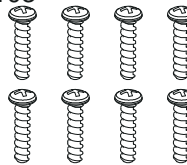
盘头内六角自攻牙螺丝
ST2.5*14
Bottom Head Pointer Screw

22102



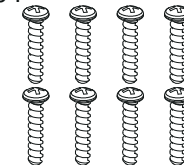
盘头内六角自攻牙螺丝
ST3*10
Bottom Head Pointer Screw

22103



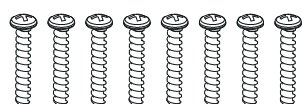
盘头内六角自攻牙螺丝
ST3*12
Bottom Head Pointer Screw

22104



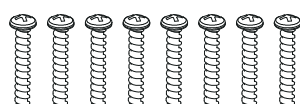
盘头内六角自攻牙螺丝
ST3*14
Bottom Head Pointer Screw

22105



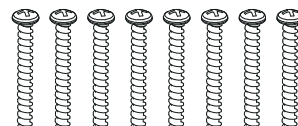
盘头内六角自攻牙螺丝
ST3*18
Bottom Head Pointer Screw

22106



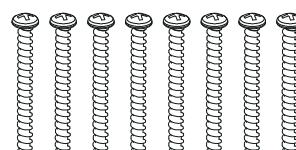
盘头内六角自攻牙螺丝
ST3*20
Bottom Head Pointer Screw

22107



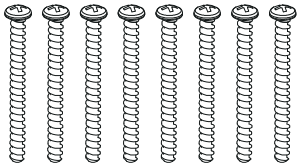
盘头内六角自攻牙螺丝
ST3*28
Bottom Head Pointer Screw

22108



盘头内六角自攻牙螺丝
ST3*34
Bottom Head Pointer Screw

22109



盘头内六角自攻牙螺丝
ST3*38
Bottom Head Pointer Screw

22110



平头内六角螺丝M2.5*10
Flat Head Hex Screw

22111



平头内六角螺丝M3*6
Flat Head Hex Screw

22112



平头内六角螺丝M3*8
Flat Head Hex Screw

22113



平头内六角螺丝M3*10
Flat Head Hex Screw

22114



平头内六角螺丝M3*16
Flat Head Hex Screw

22115



盘头内六角介子螺丝M2*4
Bottom Head Hex Screw

22116



机米螺丝M4*4
Headless Screws

22117



尼龙螺母M2.5
Nylon Flange Lock Nuts M2.5

22118



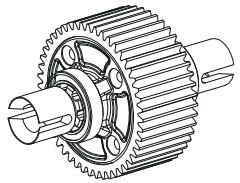
法兰尼龙螺母M3
Nylon Flange Lock Nuts M3

22119



法兰尼龙螺母M4
Nylon Flange Lock Nuts M4

22120



差速器
Differential-BL

22121



差速接杯
Differential Outdrive

22122



电调固定板
Battery fixing plate

22123



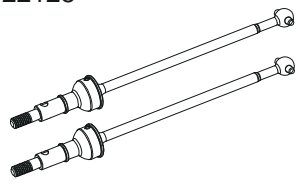
减速大齿轮61T
Spur Gear 61T

22124



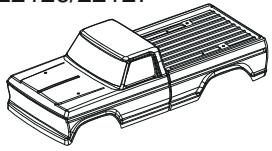
二级减速齿轮15T
Reduction gear 15T

22125



万向轴
Universal CVD

22126/22127



车壳 (火焰黑/复古黄)
Body black/yellow

22128/22129



车壳组 (火焰/复古)
Body Assemble black/yellow

22130



无刷马达
Brushless Motor

22131



电调
ESC

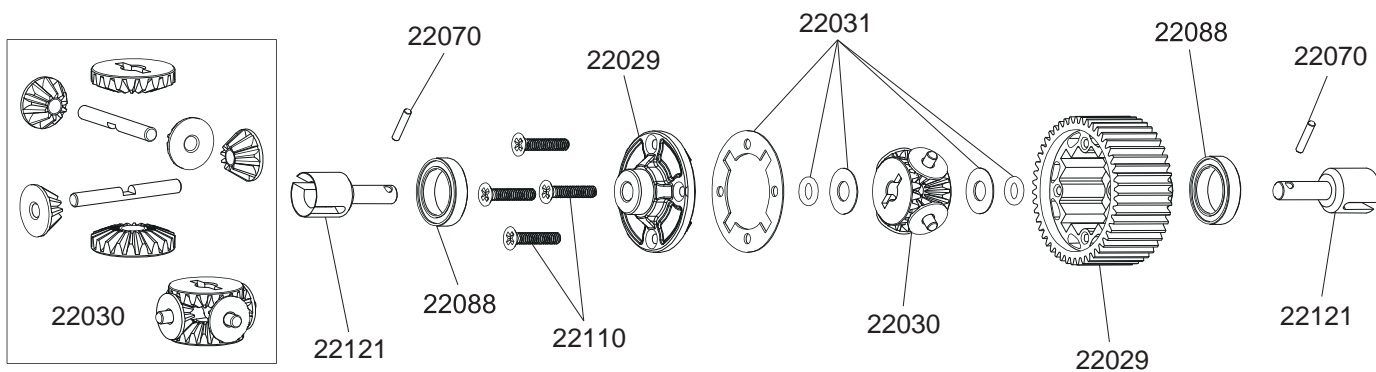
22132



遥控器/接收机
Radio/Receiver

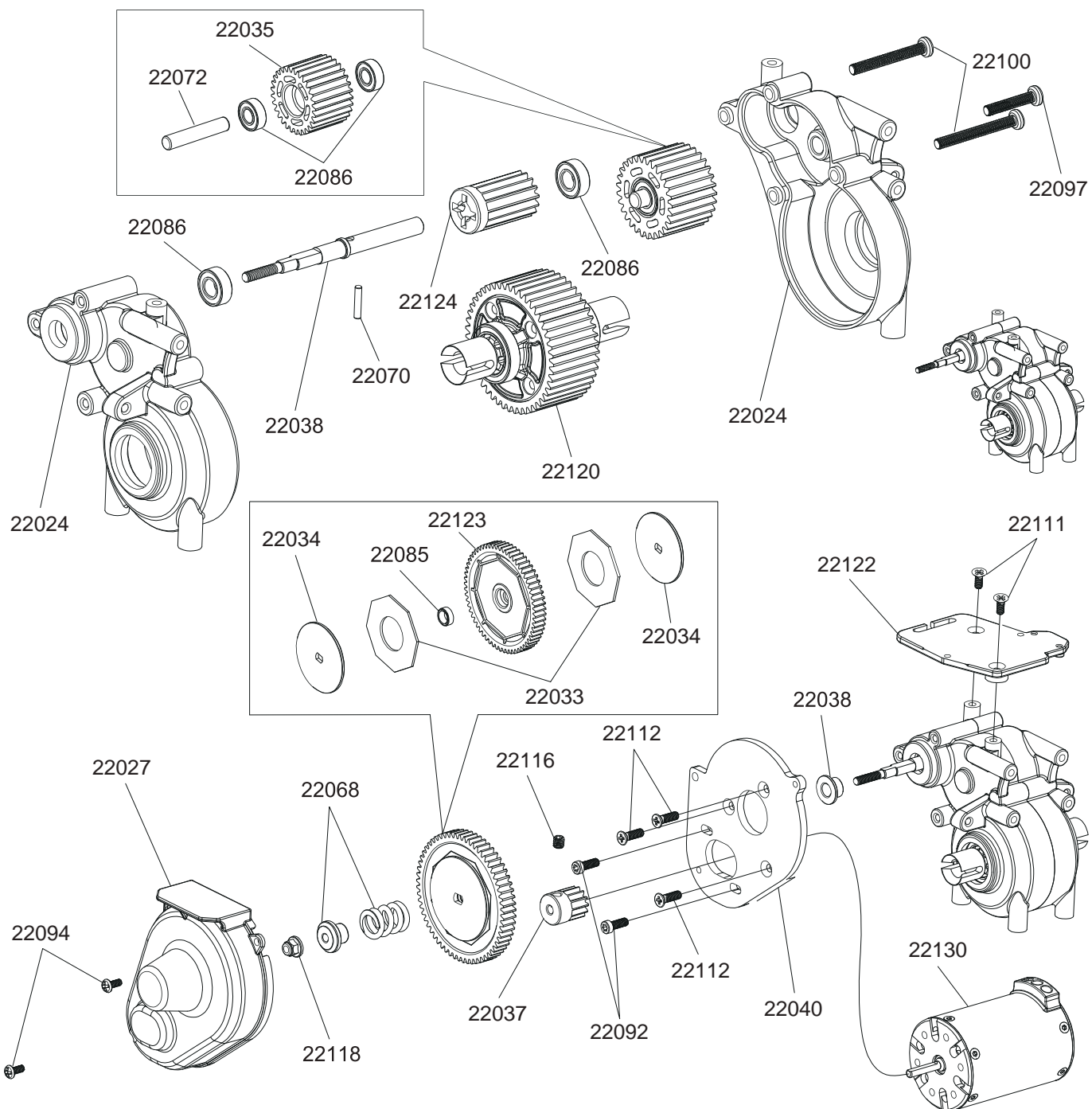
EN:Differential Gear Box Assembly

CN:差速器组装



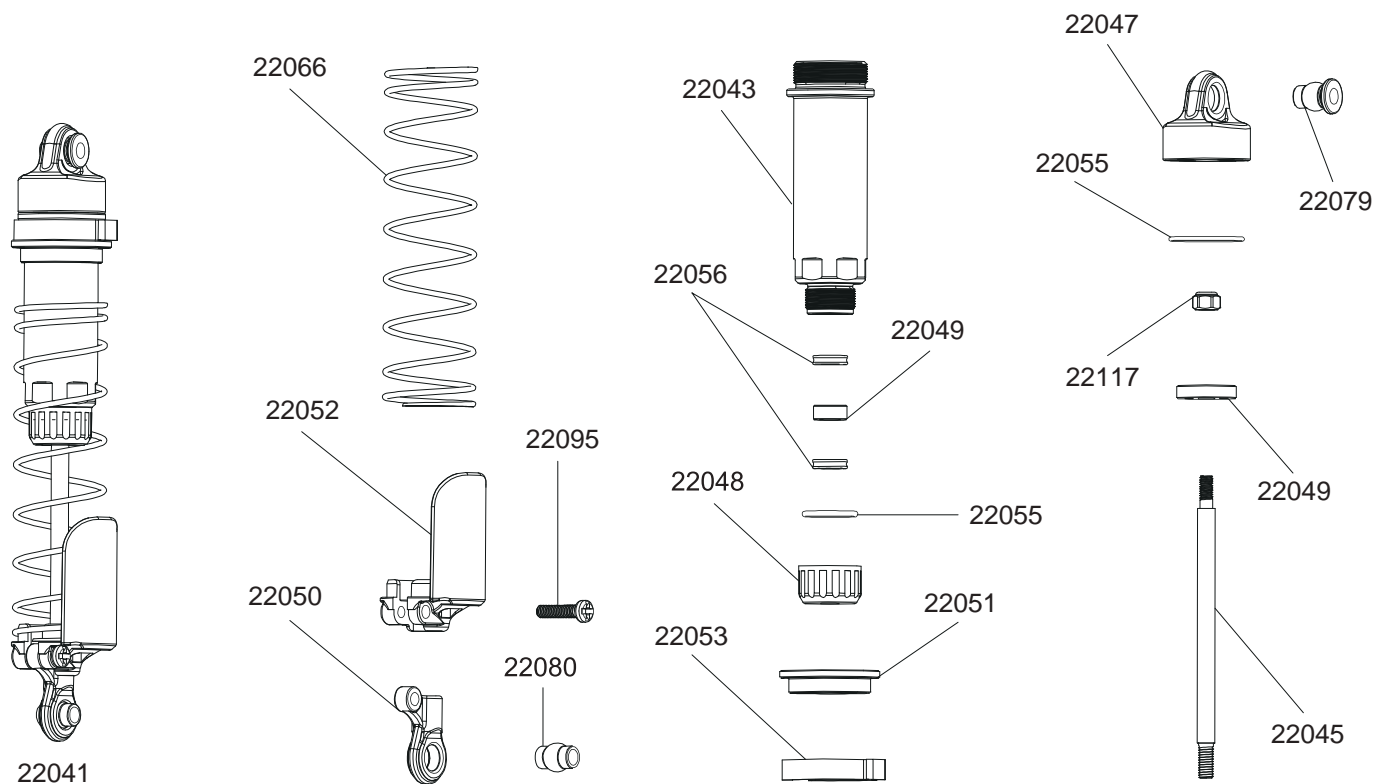
EN:Transmission Gear Box Assembly

CN:齿轮箱组装



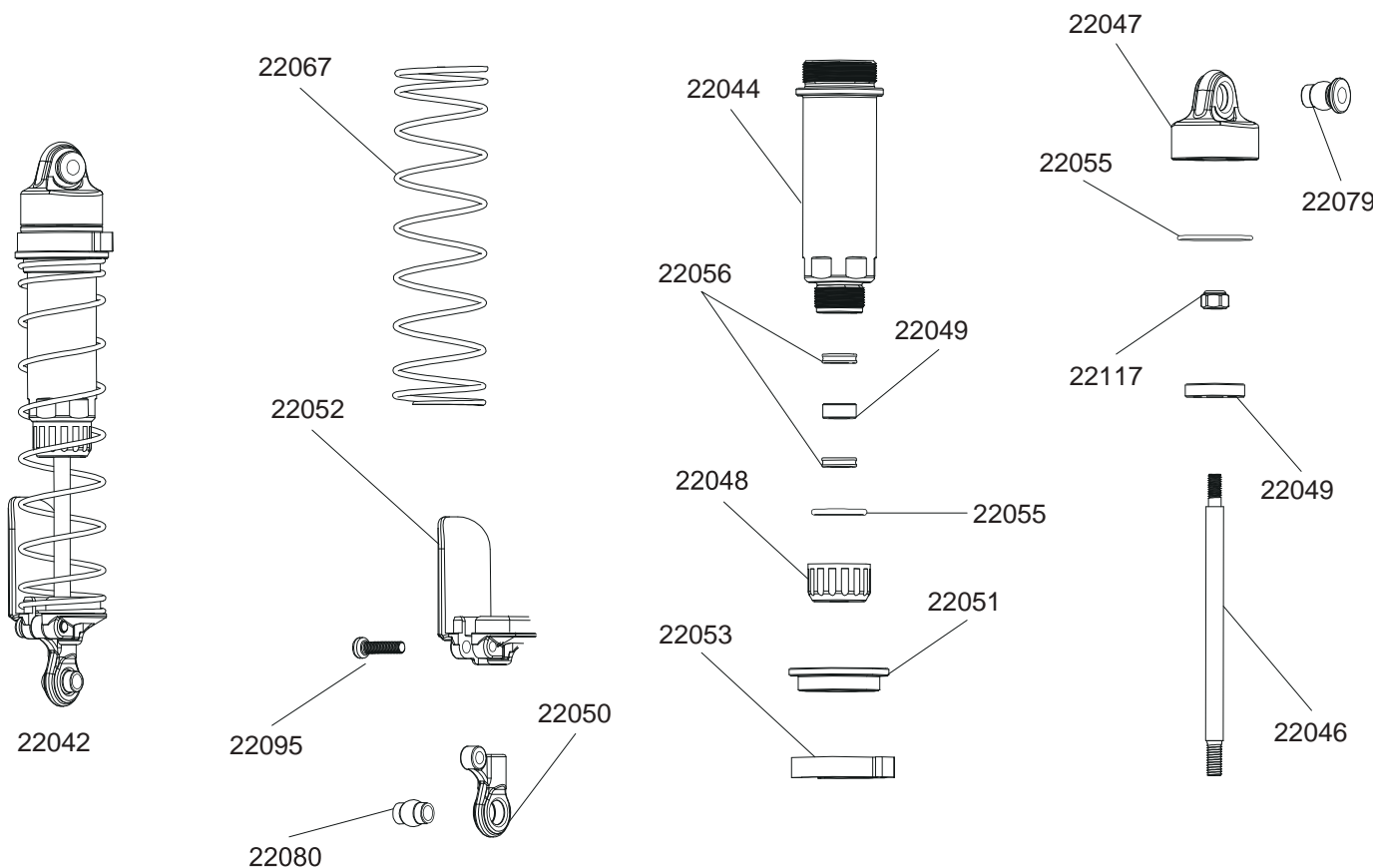
EN:Front Oil Shock Absorbers Assembly

CN:前避震器组装



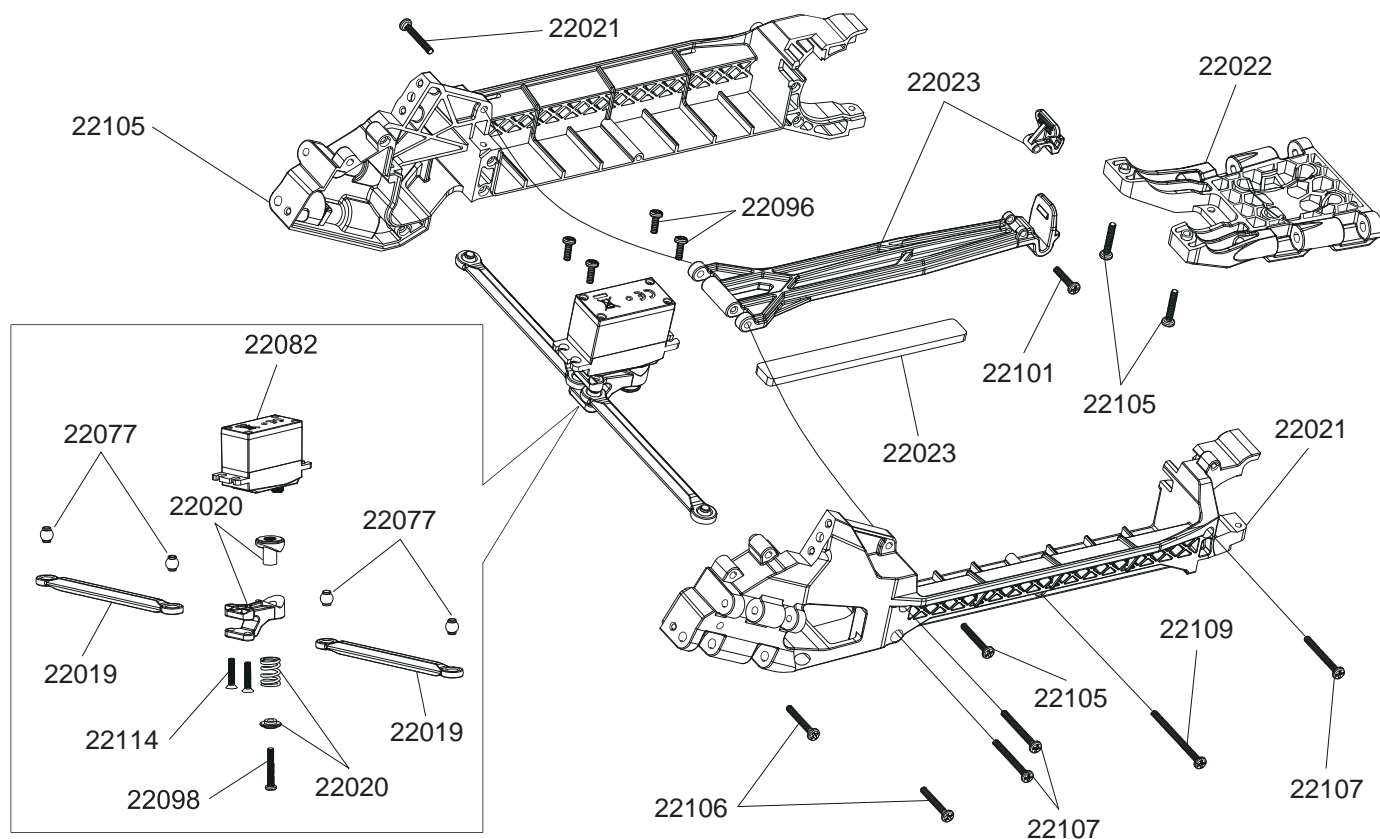
EN:Rear Oil Shock Absorbers Assembly

CN:后避震器组装



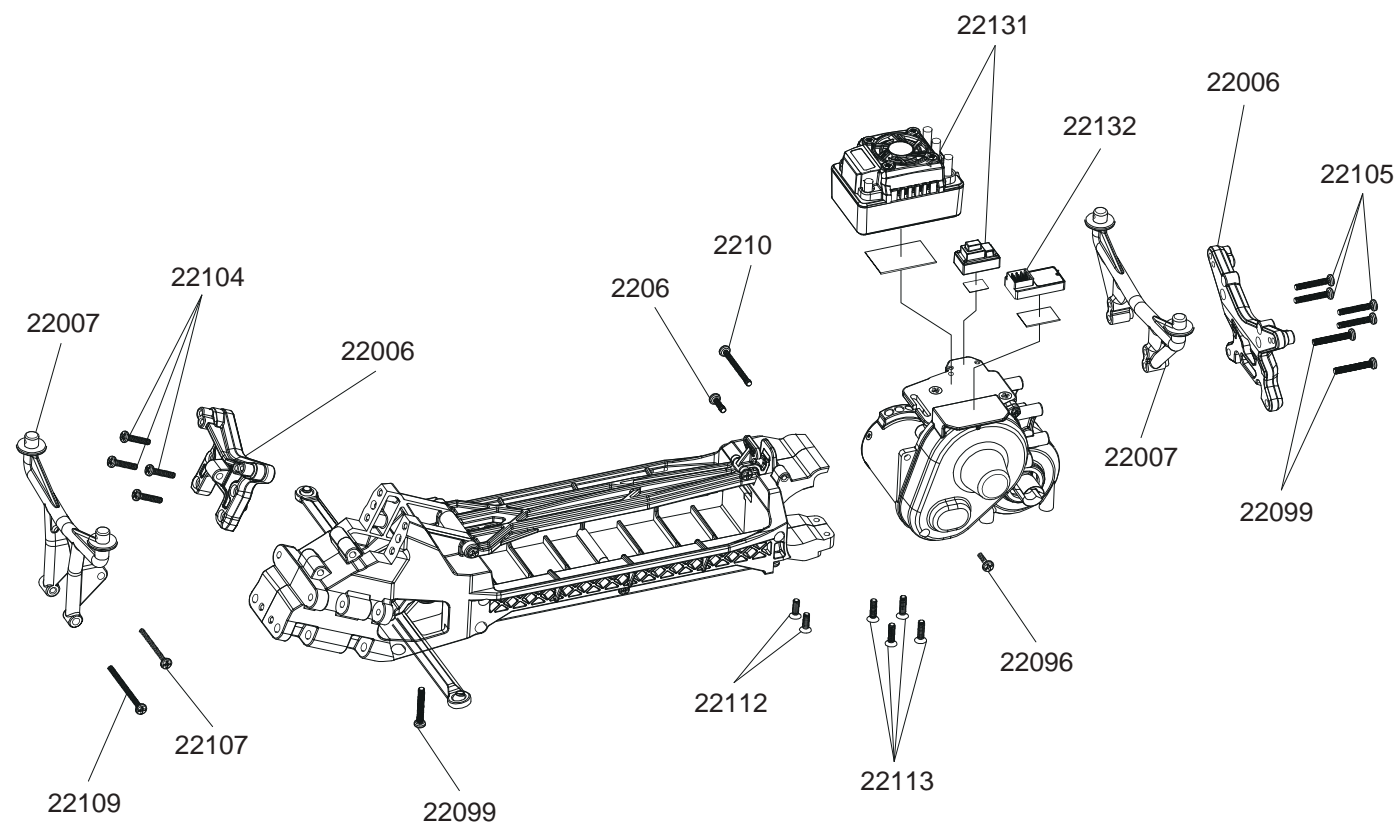
EN:Semi-Finished Chassis Set A

CN:底盘半成品组A



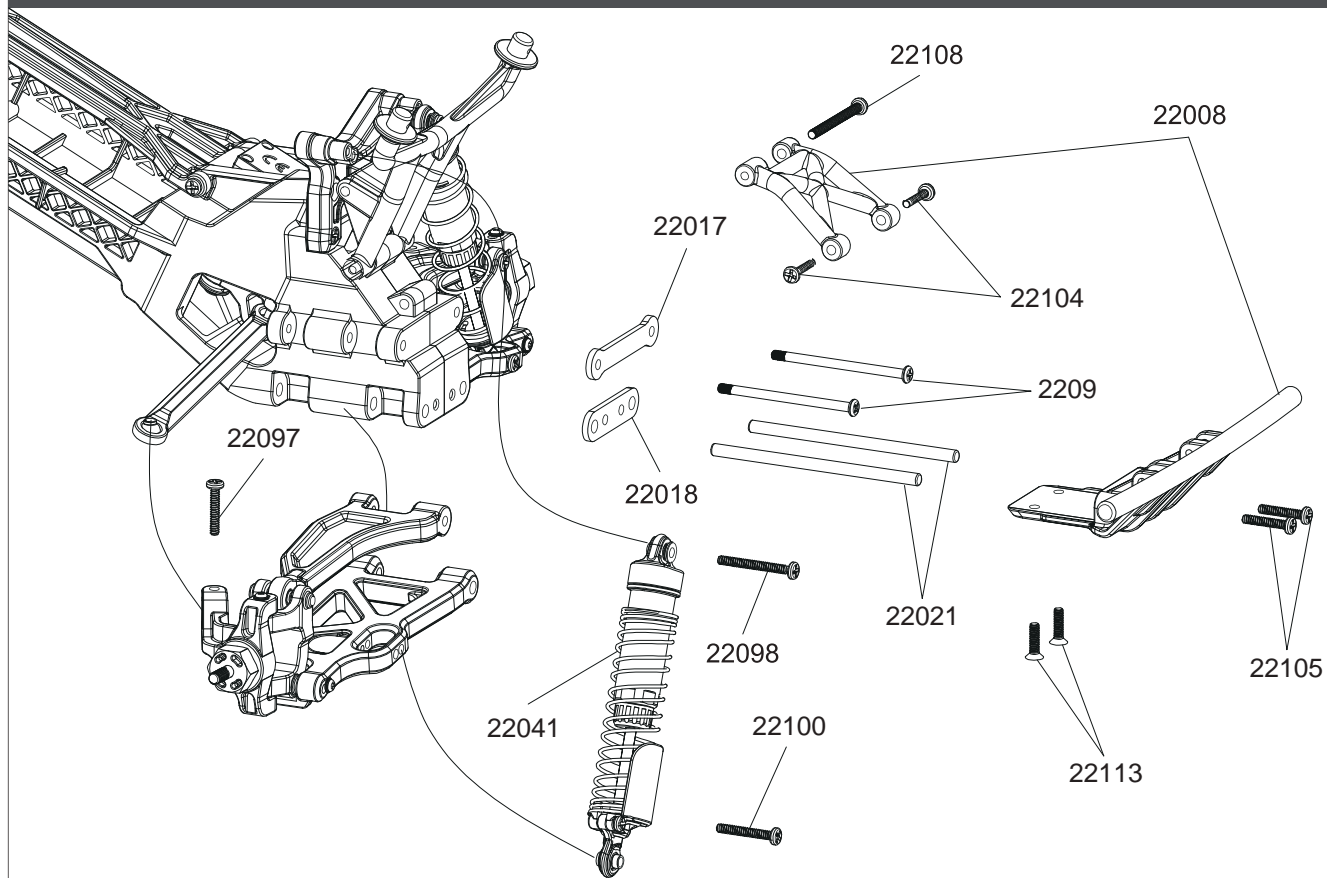
EN:Semi-Finished Chassis Set B

CN:底盘半成品组 B



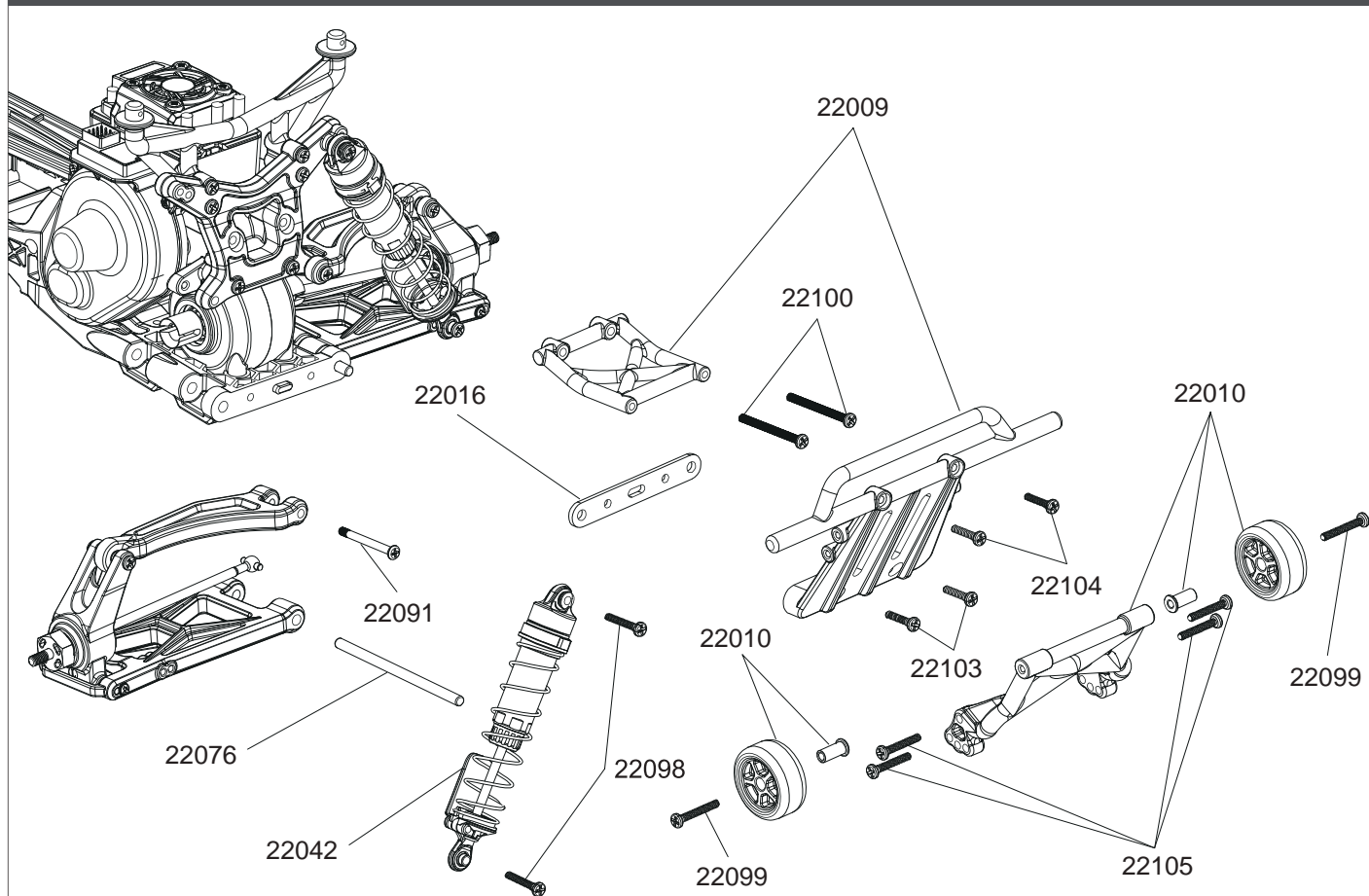
EN:Semi-Finished Chassis Set C

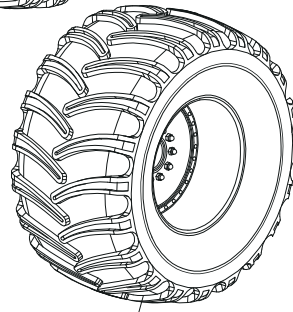
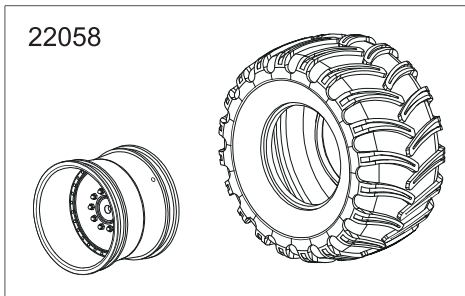
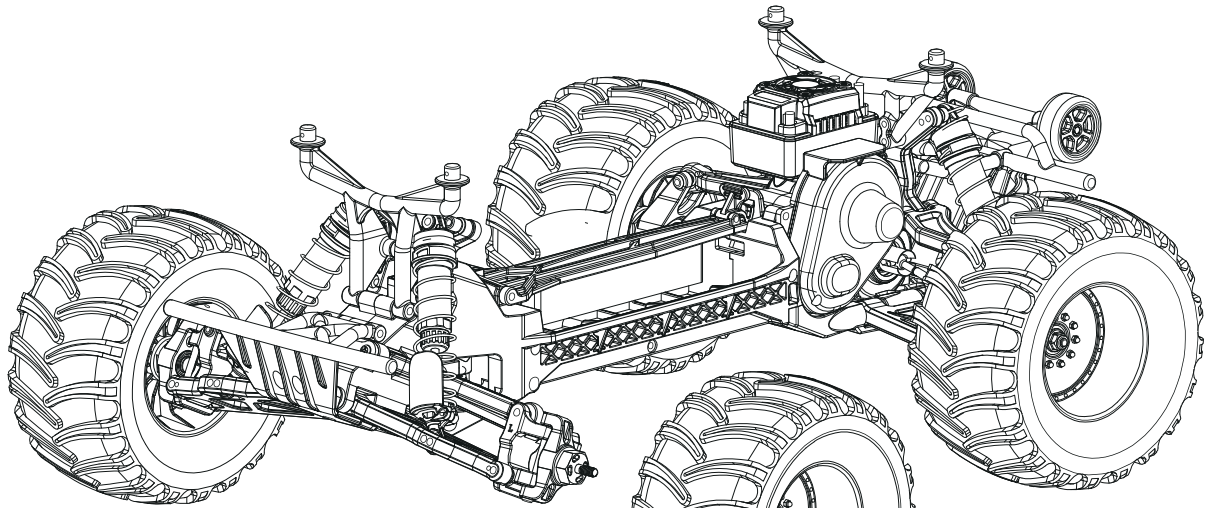
CN:底盘半成品组 C



EN:Semi-Finished Chassis Set D

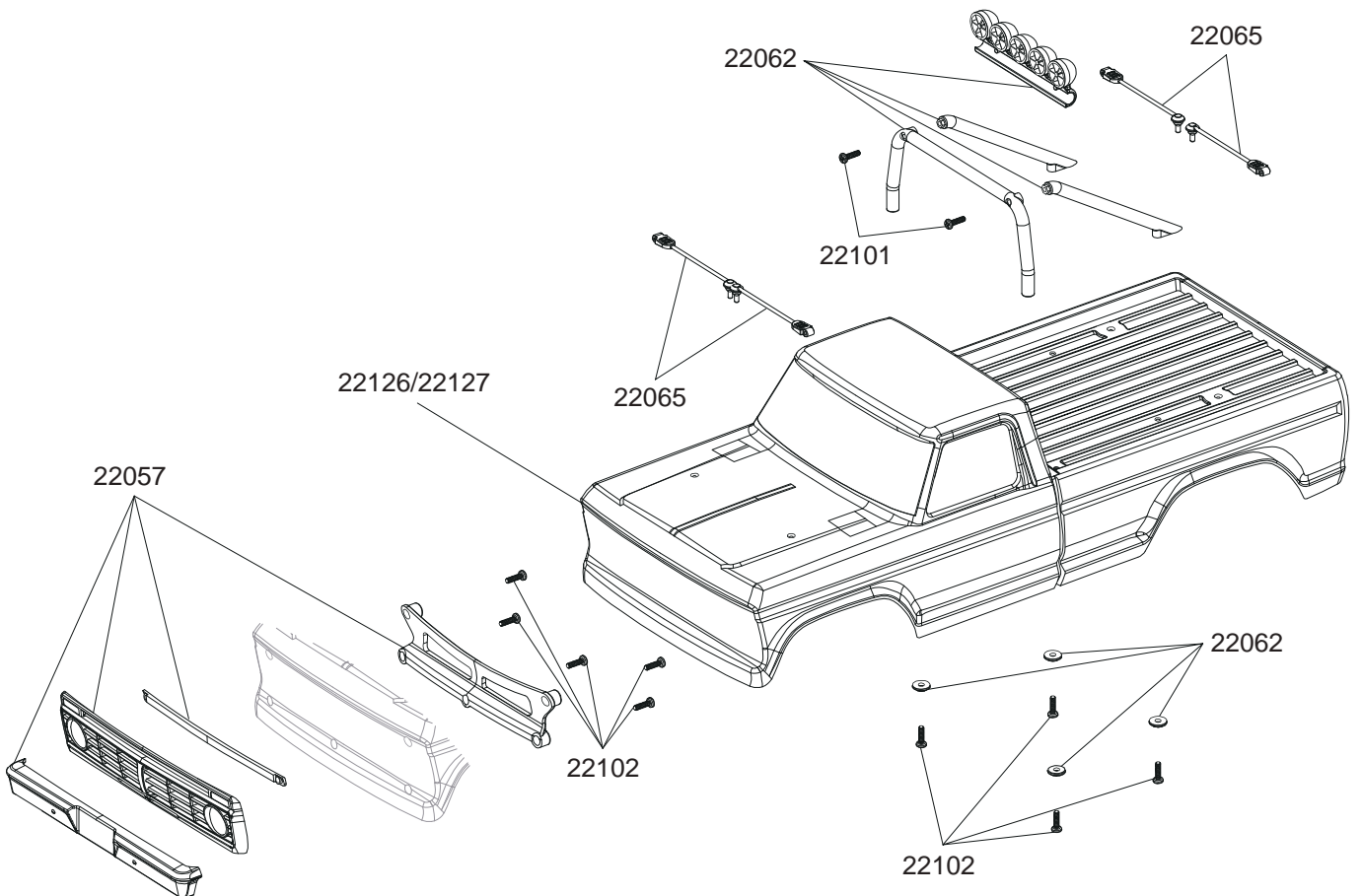
CN:底盘半成品组 D





22058

22119



22057

22126/22127

22102

22065

22101

22062

22065

22062

22102

