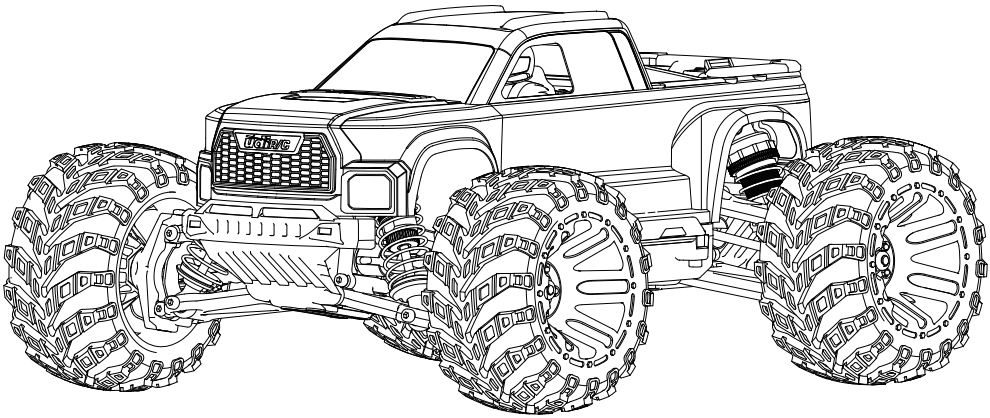
udi R/C

SNOWCLAW

OPERATING INSTRUCTIONS

Applicable to the 1610S model. V2.0 25612



If any problem with the product, **EVEN IF** return period has ended, feel free to reach out to us directly via the retailer which the consumer purchased the product from.

IMPORTANT!

WARRANTY GUARANTEE

1:16 4x4 2.4GHz 14+ AGES

For more technical issues, please consult our customer service team

THANK YOU & WHY CHOOSE UD1610S

Thank You for Choosing UD1610S!

UD1610S Remote Control Monster Truck – Advanced Configuration, Professional Design!
Your UD1610S is far from an ordinary RC car; it's a machine forged for enthusiasts pursuing the ultimate experience. Featuring collector-grade craftsmanship details and pro-tuned performance. Conquer flat ground to steep slopes – unleash 100% of its wild soul in precise 1/16 scale!

Why choose UD1610S:

▯ **Hobby-Grade Construction**
Precision-machined components with tight tolerances
Industrial-strength chassis designed for extreme durability

▯ **Professional Fastener System**
12.9-grade hardened steel hex screws throughout (vs cheap iron Phillips-head screws on toy-grade vehicle)

▯ **Advanced Suspension System**
Oil-filled shocks with adjustable damping
3x better impact absorption than basic spring shocks

▯ **Battle-Ready Drivetrain**
Fully sealed transmission constructure
Zero dirt ingress—keeps gears running smoothly in sand, mud, or rocks

▯ **Quick-disassembly Design**
Swap components in short time!

▯ **Unique Body Design**
Unique buckle lock to fix the body effortlessly
Reinforced roll cage structure provides better crash protection for the body
Detailed driver figurine adds realism for immersive driving experience

▯ **Lifetime Support Ecosystem**
Genuine replacement parts always available
Lots of upgrade parts to push limits further

▯ **24/7 Lifetime Support Commitment**
✓ 24-hour rapid response within 7 days
✓ Lifetime technical support for all products
✓ Instant troubleshooting regardless of timezone
✓ Your lifetime service journey starts with your purchase

TABLE OF CONTENTS

01 - WARNING & PRECAUTION & POLICY STATEMENT

Remark: Including Section 01-01 to 01-07.

01-01 IMPORTANT NOTICE

(1) The package or instruction manual contains important information and must be RETAINED.
(2) Our company's products are improving all the time, design and specifications are subject to change without notice. All the information in this manual has been carefully checked to ensure accuracy, if any printing errors, our company reserves the final interpretation right.
(3) The spare parts (including batteries and chargers) mentioned in the User Manual are subject to sales. KIT version not included electronic component.
Configurations vary by version, please refer to the sales version.
(4) Failure to follow these instructions (including PART 01, and others) may result in injury to yourself or others. You may also cause property damage or model damage.
(5) For more safety precautions, please refer to the "Disclaimer and Safety Operation Guidelines".
(6) Usage: Please follow the instructions to install and operate the model.

Download the operating guide

01-02 WARNING STATEMENT

Warning:
The product should only be used by adults and children over 14 years.
Adult supervision is required for children under 14 years.
Hinweis:
Dieses Produkt ist für die Erwachsene und die Kinder ab 14 Jahren.
Die kinder unter 14 Jahren müssen von Erwachsenen beaufsichtigt werden.
Avertissement:
Ce produit est destiné aux adultes et aux enfants de plus de 14 ans.
Les enfants de moins de 14 ans doivent être surveillés par des adultes.
Avvertimento:
Questo prodotto è destinato all'uso per i adulti e bambini di età superiore ai 14 anni.
I bambini di età inferiore ai 14 anni devono essere sorvegliati da un adulto.
Advertencia:
Este producto es para adultos y niños mayores de 14 años.
Los niños menores de 14 años deben ser supervisados por adultos.
警告: この製品は、大人と14歳以上の子供には使用対象です。
14歳未満の子供は大人の監視が必要です。
ويحتاج الأطفال دون سن الرابعة عشره إلى رعاية البالغين .
تحذير : هذا المنتج يستحدم فقط من فبل البالغين والأطفال فوق سن 14

14+

DANGER!
Only suitable for age 14+

01-03 USE SEQUENTIAL

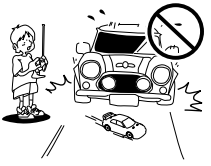
Before Operation	(1) Read the instruction manual in detail, or ask for the person with experience in operation, and read with the guardian if necessary. (2) Make sure all screws and nuts are properly tightened. (3) The transmitter and the vehicle should always use the battery with saturated power to avoid losing control of the model. (4) Please make sure that the throttle trigger is in the center position.
During Operation	(1) First turn on the power of the transmitter, and then turn on the power of the model. (2) Use this product only in open areas (>5x5m) without pedestrians. (3) DO NOT put fingers or any objects inside rotating and moving parts.
After Operation	(1) First turn off the model power, then turn off the transmitter's power, and take out the all battery. (2) Daily maintenance is required after the model is used.

01-04 ATTENTION STATEMENT

(1) The model must stop immediately and check for the reasons when it is operating abnormal.
(2) Keep in mind that people around you may also operate a radio control model.
(3) The motor is a heating part, please do not touch it.
(4) If you don't use the model for a long time, please raise the chassis to let the wheels hang in the air.
(5) Please use this prodcut only in empty place! It is strictly forbidden to use it on roads, living area, parks, indoor areas, children or places where people gather, otherwise injury may occur.

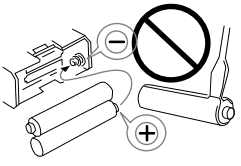
The product contains small and sharp parts. Keep away from children.

Be sure to read the instruction manual in detail, or ask for the person with experience in operation, and read with the guardian if necessary.

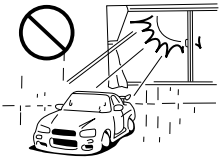


DO NOT operate in public streets or crowded places to avoid accidents.

Cutters, nippers and screw drivers need careful handling.



Please don't reverse contact or disassemble the battery, as this way will cause the battery to explode.



DO NOT put the model in high temperature, humidity and direct sunlight.

01-05 BATTERY SAFETY STATEMENT

● Please read and observe all precautions before use. Improper use of battery may cause danger.
● It is normal for the battery to heat up after operation. Please be careful when handling the battery. If the wire is worn, it is easy to short circuit and cause fire.

1) Pay attention to the polarity of the battery when installing or replacing the battery;
2) Different types of batteries or old and new batteries should not be mixed;
3) After use, please disconnect the power supply and pull out the plug;
4) DO NOT charge the battery when it is bulging or expanding;
5) Keep away from damp, corrosive environment and heat source;
6) DO NOT short circuit, decompose or put the battery into fire;
7) Please use the attached special charger to charge the battery;
8) Please charge the battery under adult supervision;
9) Remove the battery from the model before charging;
10) DO NOT short circuit any terminals.

⚠ WARNING
FIRE HAZARD!

Li-Po Battery Disposal & Recycling

Wasted Lithium-Polymer batteries must not be placed with household trash. Please contact local environmentalor waste agency or the supplier of your model or your nearest Li-Po battery recycling center.

01-06 WEEE COMPLIANCE

Please help the environment by disposing of your product responsibly at the end of its life. The wheeled bin symbol indicates that this product should not be disposed of in your household waste containers.Instead, the product should be disposed of by using a designated collection point for the recycling of waste electrical and electronic equipment. The Waste of Electrical and Electronic Equipment (WEEE) Directive (2002/96/EC) requires that the best available recycling techniques be employed to minimize the impact on the environment.

Recycling electronics helps by keeping harmful chemicals out of the environment, and also saves money by reusing precious metals. Remove any batteries and dispose of them and the product at your local authority's recycling facility. For more information about where you can drop off your waste equipment for recycling, please contact your local city office your household waste disposal service, or the location where you purchased this product.

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 interferencein 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 a ntenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which thereceiver is connected.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Notice

The equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. Modifications not authorized by the manufacturer may void user's authorityto operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition with out restriction.

02 - VEHICLE SPECIFICATION

Remark: Including Section 02-01 to 02-04.

02-01 VEHICLE DATA

Model No.	UD1610S
Vehicle Scale	1:16
Vehicle Size	L292×W225×H127mm
Vehicle Weight	1211g (without battery)
Wheelbase	180mm
Ground Clearance	24mm
Battery Compartment Size	L110×W34×H25mm
Wheel Size	ø85×45mm

02-02 ELECTONIC SYSTEM SPEC.

Motor	2845-4700KV Brushless Motor
ESC	Electronic Speed control (ESC), refer to "Section 04-01".
Receiver	Refer to "Section 04-02".
Steering Servo	3 wires, 17g copper gear digital servo
Transmitter	Refer to "Section 04-03" for detail.

02-03 TRANSMISSION SYSTEM SPEC.

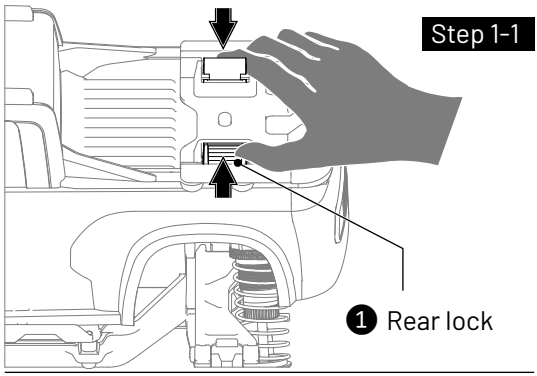
Pinion Gear	0.8M 10T Steel (Position: assembled on the Motor Shaft)
Spur Gear	0.8M 38T Steel (Position: assembled on the Main Shaft)
Input Gear	1.0M 10T Steel (Position: assembled on the 2 tips of Main Shaft)
Main Differential Gear	1.0M 30T Steel
Satellite Gear	0.8M 16T Metal
Planetary Gears	0.8M 8T Metal
Main Driveshaft	Metal
Universal Driveshaft	Metal

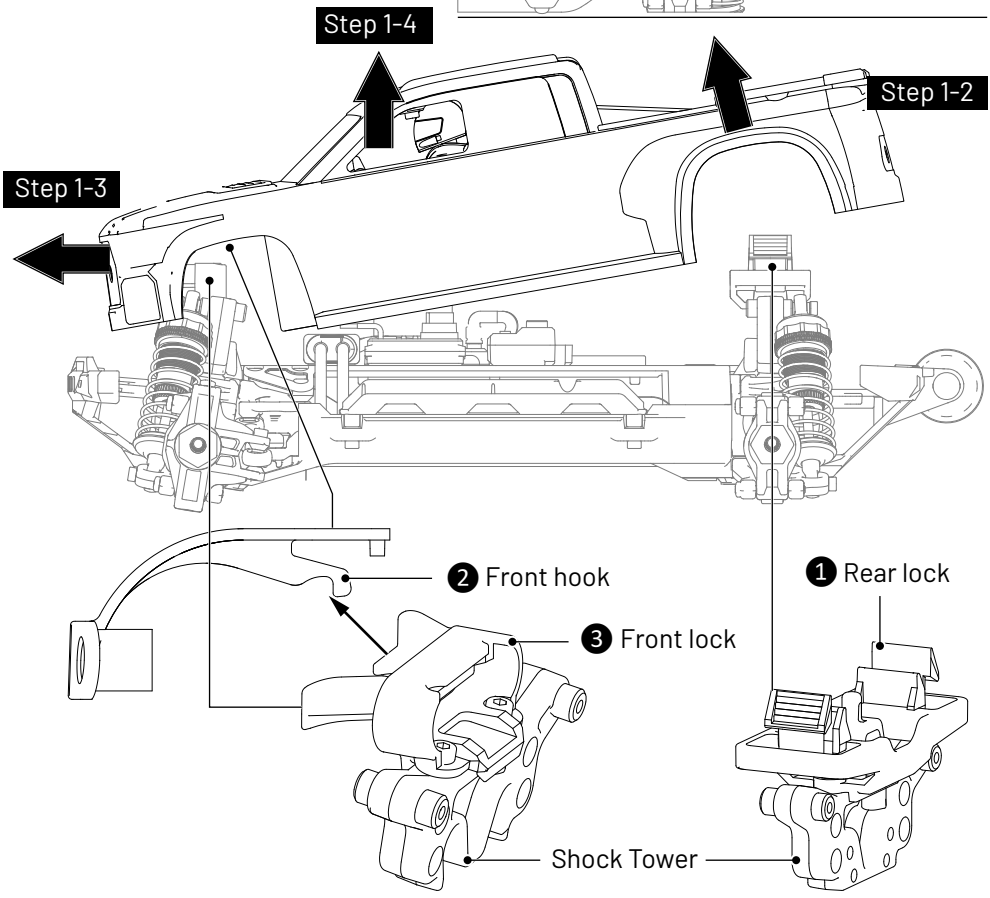
02-04 STRUCTURE SYSTEM SPEC.

Truck Body	PC
Chassis	2.0mm Thickness High-quality Nylon
Suspension Arm	High-quality Nylon
Shock Absorber	Oil-filled Shock Absorber, Metal, 300cst
Shock Tower	High-quality Nylon
Wheel Hex	Metal
Deck Board	2.0mm Thickness High-quality Nylon
Motor Mount	Metal

03-01 STEP 1 - OPEN THE TRUCK BODY

Step 1-1: Squeeze ❶ (the rear lock) inward to remove the bodyshell;
Step 1-2: Lift the bodyshell upwards and detach it from ❶ (rear lock);
Step 1-3: Push the bodyshell forward to disengage ❷ (the front hook) from ❷ (the front lock);
Step 1-4: Lift the bodyshell upwards to remove it.



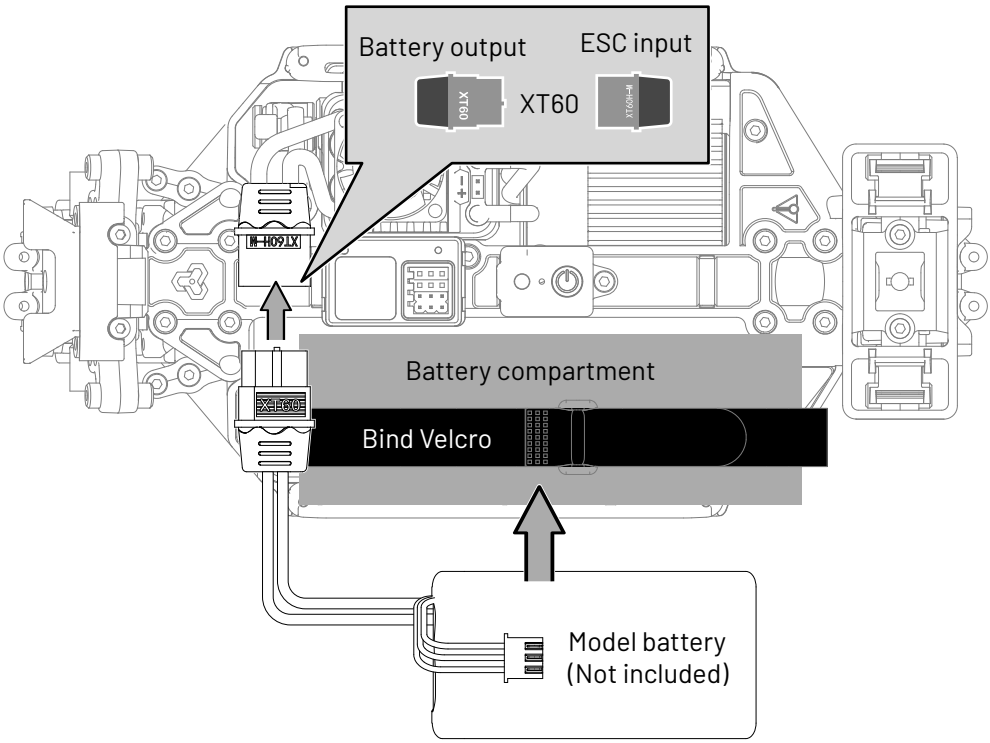


03-02 STEP 2 - CHECK THE CONNECTING ON ELECTRONIC PARTS

● After removing the truck body, check the connecting among ESC and other electric parts per the instruction of "Section 04-01-02".

03-03 STEP 3 - CONNECT THE BATTERY TO ESC

● Put the battery into the battery compartment, fix the battery with Velcro and then connect with the ESC. Take out the battery when not in use, otherwise the battery is easily damaged.



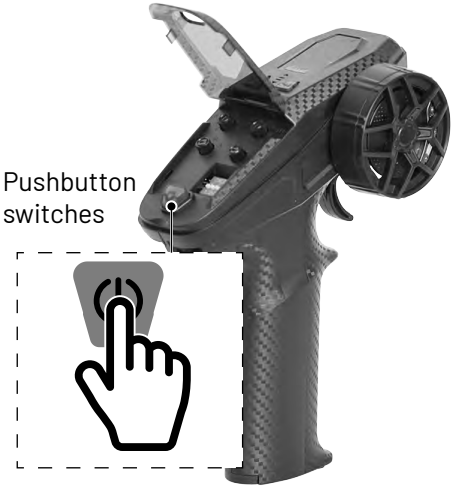
03-04 STEP 4 - INSTALL THE TRANSMITTER BATTERIES

● (1) Open the battery cover at the bottom of transmitter, and then install the 4 PCS of 1.5V AA batteries.
● (2) For installation detail, refer to the "Section 04-03-03".

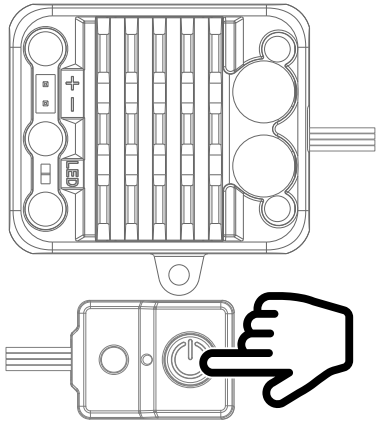
03-05 STEP 5 - POWER ON TRANSMITTER & ESC FOR FREQUENCY PAIRING

(1) Always power ON your transmitter first, and then power on the ESC.
(2) The device automatically frequency pairing successfull. If all the lights keep bright, it indicates that the frequency pairing is successful. Otherwise, frequency pairing fails and needs to be done again. Refer to "Section 04-02-03" for details.

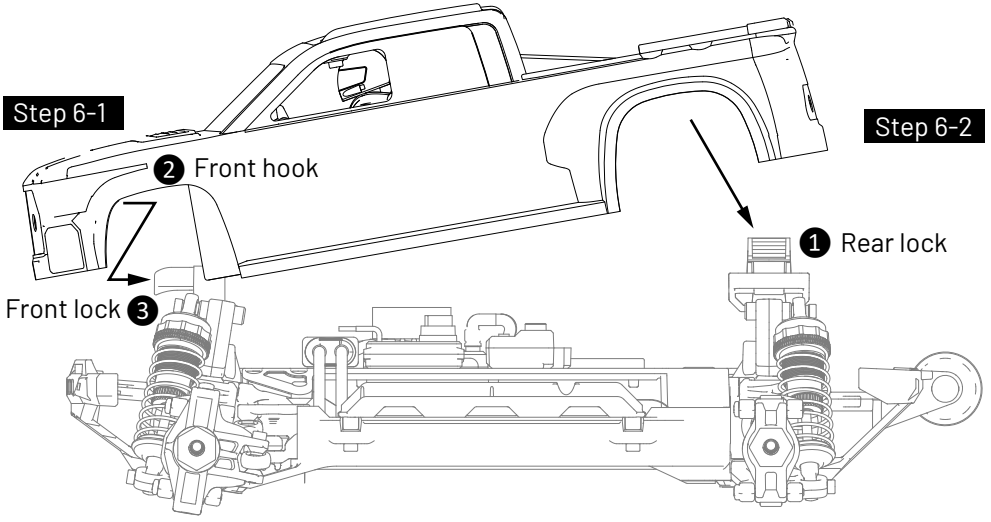
Always power on your transmitter first

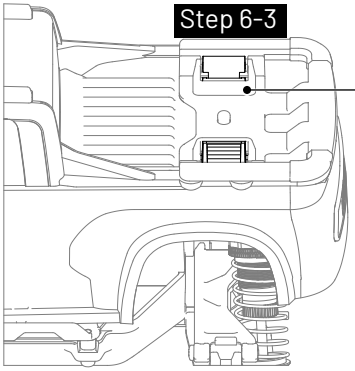


And then power on the ESC

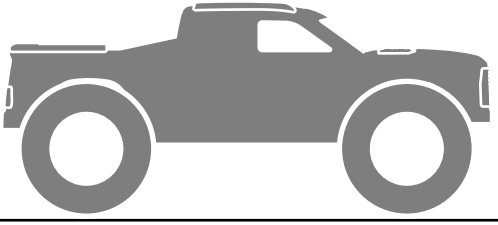


03-06 STEP 6 - ASSMBLE THE BODY & START TO PLAY





Step 6-1: Insert ❷ (the front hook) into ❸ (the front lock);
Step 6-2: Pull the bodyshell towards the rear of the car;
Step 6-3: Press the car body down to insert ❶ (rear lock) into the lock position hole.
The installation steps are the opposite of the removal. Refer to Sections 03-02.



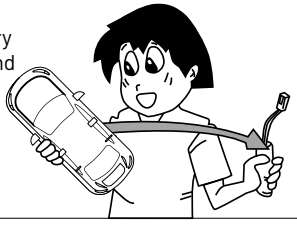
Placed on Horizontal ground

03-07 STEP 7 - POWER OFF THE ESC & TRANSMITTER

(1) First, turn off the vehicle's ESC (press and hold ≤ 2 second) power and remove the battery. Open the truck body and refer to "Seciton 03-02" for details.
(2) Second, turn off the transmitter power and remove the battery. Open the battery cover and refer to "Section 04-03-03" for details.
(3) IMPORTANT: Always power OFF the ESC before the transmitter.

03-08 STEP 8 - PRODUCT MAINTENANCE

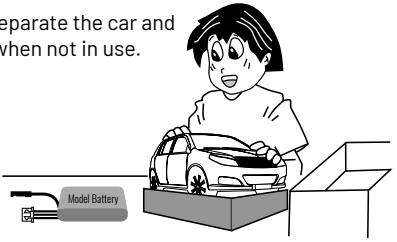
When not in use, remove the battery from the model and transmitter.



Please remove the sediment and dirt on the car completely and must be kept dry after play.

Apply lubricating oil to external metal parts.

Please separate the car and battery when not in use.



04 - ESC, RECEIVER & TRANSMITTER INSTRUCTIONS

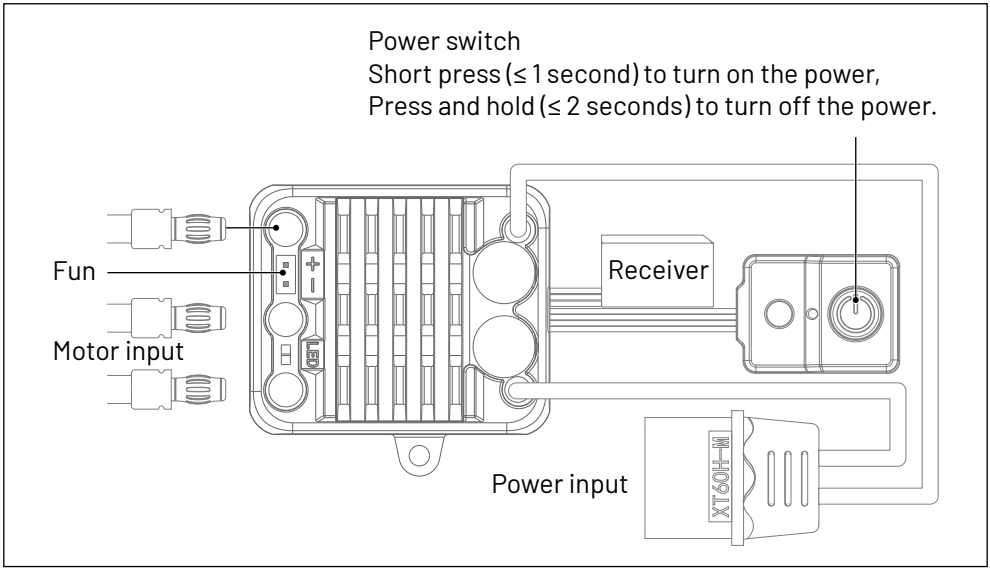
Remark: Including Section 04-01 to 04-03.

04-01 ESC INSTRUCTIONS

04-01-01 ESC DATA

Model:	ESC60
RF Standard:	2.4GHz
Input Power:	2-3S
Rated current:	60A
Size:	39.7×21×33mm
Power Connector:	XT60
Motor Limit:	2-3S, LiPo
Motor Connector:	3.5mm banana connector

04-01-02 ESC INSTALLATION



04-01-03 ESC OPERATION TIPS

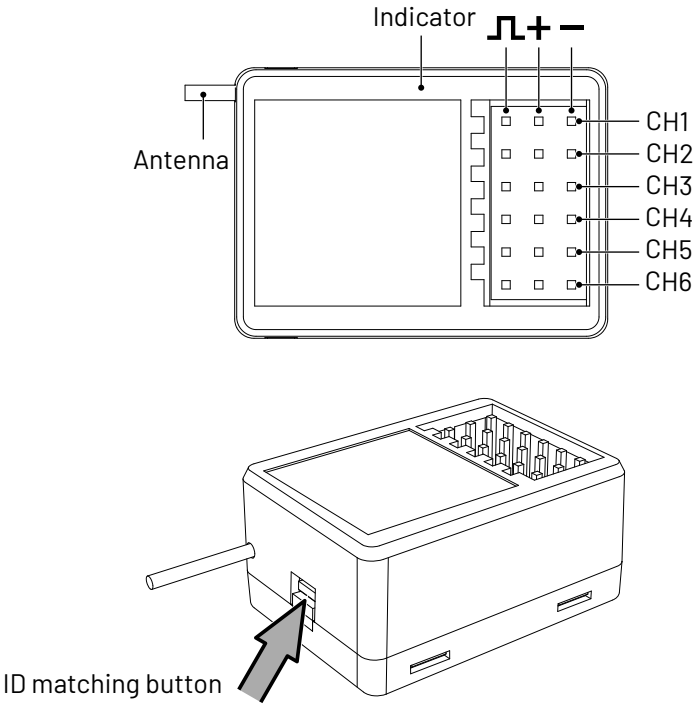
(1) When starting to play the vehcile, always power ON your transmitter before the ESC.
(2) After playing the vehcile, always power OFF the ESC before the transmitter.

04-02 RECEIVER INSTRUCTIONS

04-02-01 RECEIVER DATA

Model	P6F
RF Standard	2.4GHz
Input Power	2S
Rated current	35A
Size	35.5×12.5×20.5mm

04-02-02 RECEIVER INSTALLATION



04-02-03 FREQUENCY MATCHING

After changing the transmitter

The transmitter should be turned on first, press and hold the code key of the receiver for 3 seconds, the indicator light will flash to indicate that it enters the code matching mode, and the receiver will automatically look for the nearest remote-control signal, the indicator light will be on after the code matching is successful.

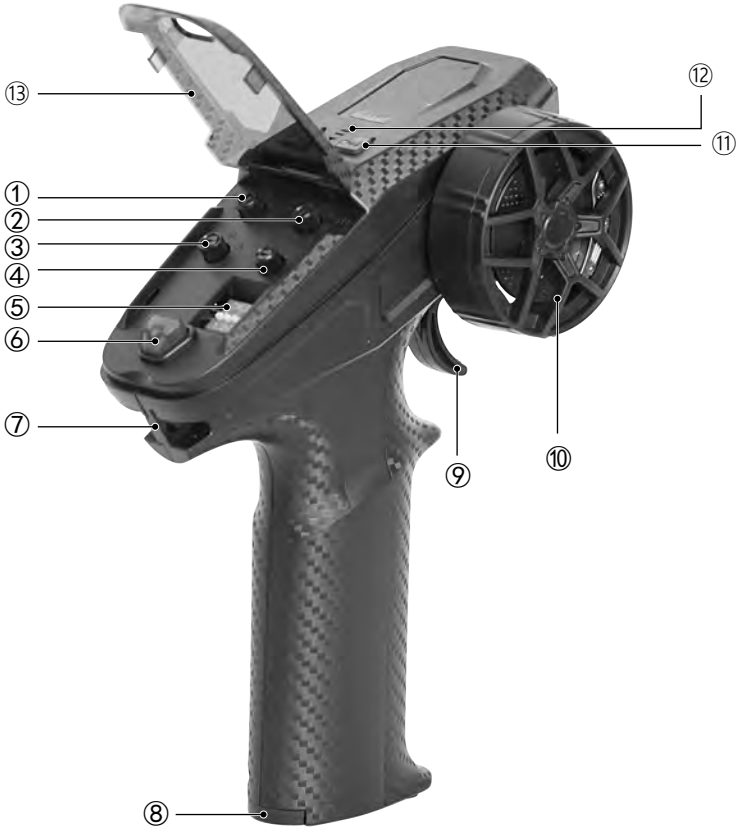
04-03 TRANSMITTER INSTRUCTIONS

Before installing and operating your transmitter, please take a few minutes to familiarize yourself with the various features of the system by reading this instruction manual thoroughly.

04-03-01 TRANSMITTER DATA

Model	X4EM-150
Control Type	Proportional
Frequency Band	2.4GHz
Channels	4
Control Distance	100m
Iput Power Method 1	1.5V AA Battery × 4pcs

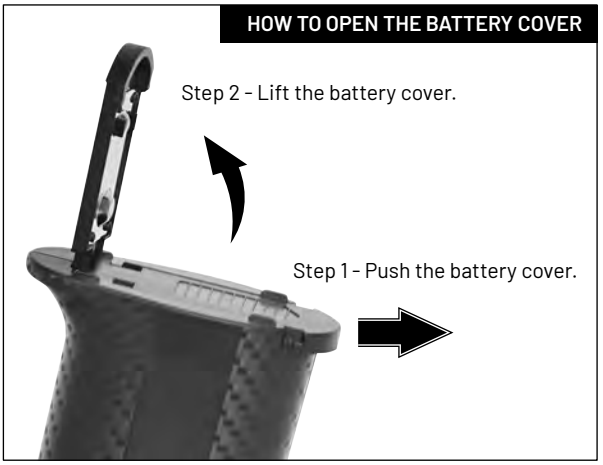
04-03-02 TRANSMITTER FUNCTIONS

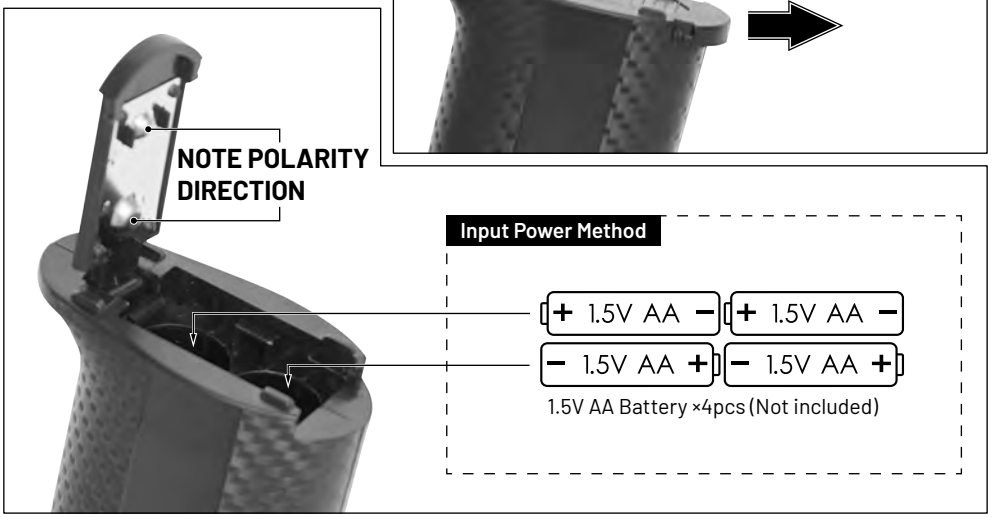


① ST. TRIM	Steering Trim, refer to "Section 04-03-04" for detail.
② TH. TRIM	Before starting up, it must be set to "0". Refer to "Section 04-03-06".
③ ST. D/R	Steering Dual Rate, refer to "Section 04-03-05" for detail.
④ TH. D/R	Limit the output ratio of the throttle, Refer to "Section 04-03-07".
⑤ REV Switch	Refer to "Section 04-03-08" for detail.
⑥ Power Switch	Power on / off the transmitter, refer to "Section 04-03-09".
⑦ Lanyard hole	Lanyard hole.
⑧ Battery Cover	Battery installation, refer to "Section 04-03-03" for detail.
⑨ CH2, Throttle Trigger	Control the vehicle to move forward/backward, refer to "Section 04-03-10" for detail.
⑩ CH1, Steering Wheel	Control the vehicle to turn right/left, refer to "Section 04-03-11".
⑪ CH3, CH4	Expansion channel.
⑫ Voltage return lights	Refer to "Section 04-03-12" for detail.
⑬ Regulatory Interface Cover	To avoid dust or water splash.

04-03-03 BATTERY INSTALLATION

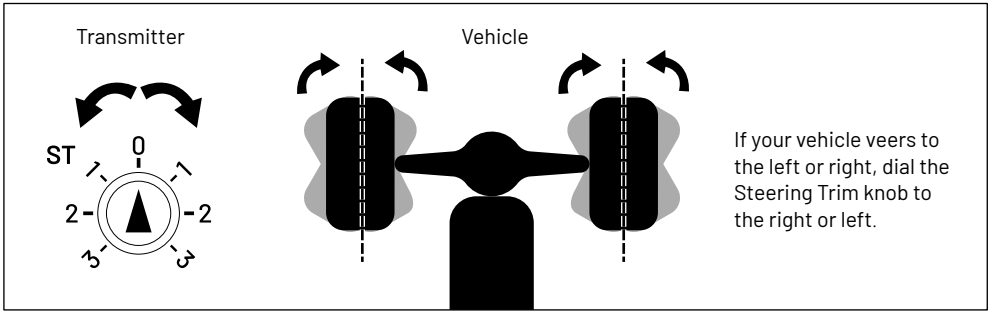
Open battery cover at the bottom of transmitter. Install batteries. Follow the direction of batteries designated in the inside of the battery box.





04-03-04 ST. TRIM

Steering Trim: Trim adjustment allows you to finely tune the inputs from your transmitter. It's the dial you reach for when your RC car isn't tracking straight. The steering trim is what helps navigate the RC car in a straight line.

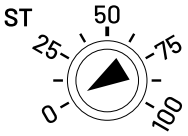


If your vehicle veers to the left or right, dial the Steering Trim knob to the right or left.

04-03-05 ST. D/R

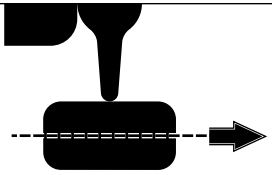
Steering Dual Rate: Steering Dual Rate knob can be set to control the steering throw:
(1)Turning the knob clockwise to increase the steering throw.
(2)Turning the knob anticlockwise to reduce the steering throw.
The steering rudder amount is recommended to be controlled within 75% to avoid excessive steering resulting in friction between the front wheel and the car shell, and the appropriate steering range can better maintain the body attitude and control comfort.

Sample 1



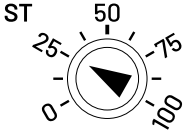
Step 1- Set the ST.D/R knot to "0" position.

Step 2- Dia the steering wheel of transmitter to the end.



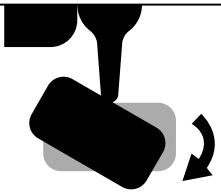
Result: The wheels cannot turn right or left, only can run straight, even you dia the steering wheel to the end.

Sample 2



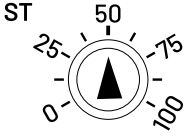
Step 1- Set the ST.D/R knot to "25" position.

Step 2- Dia the steering wheel of transmitter to the end.



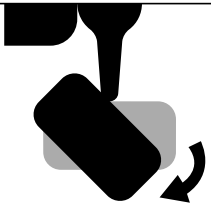
Result: The wheels can turn right or left under 25% steering throw, turn wider than 0%(Sample 1).

Sample 3



Step 1- Set the ST.D/R knot to "50" position.

Step 2- Dia the steering wheel of transmitter to the end.



Result: The wheels can turn right or left under 50% steering throw, turn wider than 25%(Sample 2) and 0%(Sample 1).

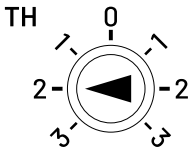
Note: Above are the samples to help the players to under the ST. D/R function.

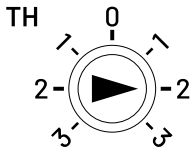
04-03-06 TH. TRIM

Before starting up, it must be set to "0".

Throttle trim allows you to trim the values on the transmitter .It enables the car to cruise automatically at extremely low or extremely fast speeds: (1) Turn the knob clockwise and the car will move forward for cruising. (2) Turn the knob counterclockwise and the car will move backward for cruising.

Turn the knob counterclockwise. The car will cruise back. The larger the number, the faster the speed.



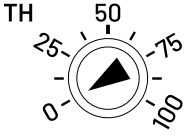


Turn the knob clockwise and the car will cruise forward. The larger the number, the faster the speed.

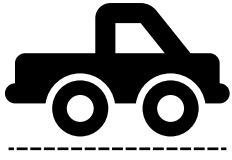
04-03-07 TH. D/R

The throttle rudder adjustment knob can control the size of the throttle output:
(1) Turn the knob clockwise to increase the throttle output.
(2) Turn the knob counterclockwise to reduce the throttle output.

Sample 1

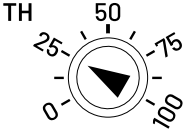


1. Set the knob to the "0" position.
2. Then control the throttle trigger to the end.

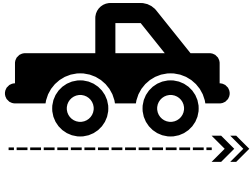


3. No throttle output, the car does not move.

Sample 2

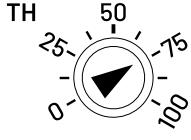


1.Set the knob to the position of "25".
2.Then control the throttle trigger to the end.

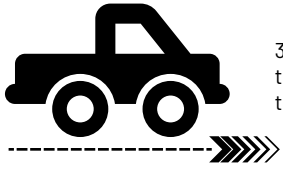


3.The car travels slowly at 25% of its speed.

Sample 3



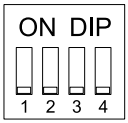
1.Set the knob to the position of "75".
2.Then slowly control the accelerator trigger.



3.The car travels at 75% of the speed, which is faster than 25% (Sample 2).

Note: The above three examples can help players understand the function of adjusting the throttle control amount.

04-03-08 REV SWITCH



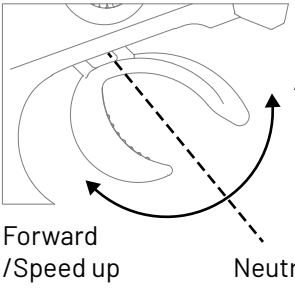
REV

1 - Reverse for CH1 2 - Reverse for CH2
3 - Reverse for CH3 4 - Reverse for CH4

04-03-09 POWER SWITCH / STATUS LIGHTS

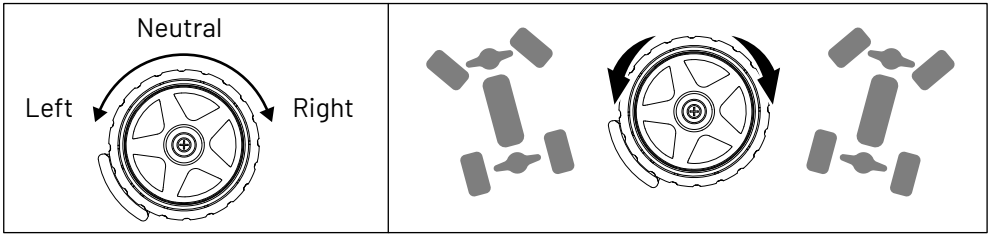
Please make sure the transmitter throttle trigger and steering wheel to normal before starting up. Do not touch the throttle trigger & steering wheel when turning on the power of the transmitter. Blue light is always, light is altemately on and off for low voltage alarm.
Short press (< 1 second) to turn ON;
Press and hold (< 2 seconds) to turn OFF.

04-03-10 CH2, THROTTLE TRIGGER

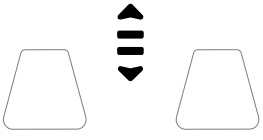


Note:
When using the transmitter in electric powered vehicles, the throttle trigger should always remain in the neutral position. Otherwise the vehicle may suffer erratic operation of the throttle trigger functions.

04-03-11 CH1, STEERING WHEEL



04-03-12 VOLTAGE RETURN LIGHTS



3 green lights and 1 red light, indicating 100%, 75%, 50%, and 25% power respectively, only available on receivers support voltage return.

05 - BUYABLE ACCESSORIES LIST

Remark: Including Section 05-01 to 05-03.

05-01 CHASSIS & TRANSMISSION PART LIST

Part#	Name
P16-001C	Body assembly
P16-002B	Wheel
P16-003C	Wheel anti slip gasket
P16-004B	Wheel adapters (Metal)
P16-005	Front & Rear wheel carriers
P16-006B	Steering linkage (Adjustable)
P16-007B	Universal drive shaft (Metal)
P16-008	Suspension arms (Upper)
P16-009B	Shock absorber (Metal)
P16-010	Suspension arms (Lower)
P16-012	Chassis
P16-013	Nerf bars
P16-014	Upper chassis
P16-015	Servo arm set
P16-016	Steering mechanism
P16-017A	Servo mounts
P16-018C	Main driveshaft (132mm)
P16-019D	Drive bevel gear (Steel)
P16-020C	Main spur gear (Steel)
P16-021	Motor mounts (Zinc alloy)
P16-022C	Pinion gear (ø3.175mm, Steel)
P16-023D	Differential assembly (Powder alloy)
P16-024	Butterfly rack
P16-025	Differential housing
P16-026	Front bumper
P16-027	Buffer plate
P16-028	Bumper assembly (Rear)
P16-029B	Differential cup (Metal)
P16-030B	Sun gear (Powder alloy)
P16-031D	Differential large bevel gear (Steel)
P16-032B	Planetary gear (Powder alloy)
P16-033	Bind Velcro
P16-034	Bodyshell label

05-02 ELECTRONIC PART LIST

Part#	Name
S1702	Steering sevro (Metal gear)
ESC60	60A, Electronic Speed control (ESC)
P6F	Receiver
X4EM-150	Transmitter
BL2845-47	Brushed motor (2845-4700KV)
LAM16-03	Lamp group
FUN16-3010	Cooling fans (30×30×10mm)

05-03 FITTING PART LIST

Part#	Name
M01-001	Hexagon socket head cap tapping screw (ø2.6×6mm HB)
M01-003	Hexagon socket head cap tapping screw (ø2.6×10mm HB)
M01-004	Hexagon socket head cap tapping screw (ø2.6×12mm HB)
M01-005	Hexagon socket head cap tapping screw (ø2.6×15mm HB)
M01-006	Hexagon socket head cap tapping screw (ø2.6×20mm HB)
M01-010	Hexagon socket head cap machine screw (ø3×8mm HM)
M01-012	Hexagon socket countersunk head tapping screw (ø2.6×8mm KB)
M01-016	Hexagonal flat round head self tapping screw (ø2.6×6mm TB)
M01-020	Hexagon socket button head machine screw (2.5×15mm TM)
M01-022	Hexagon socket button head machine screw (3×15mm TM)
M01-052	Hexagonal cup head half tooth self tapping screw (ø2.5×13.5mm)
M01-053	Hexagonal cup head half tooth self tapping screw (ø2.5×20.5mm)
M01-031	Set screw (ø4×3mm)
M01-058	Hexagon socket countersunkhead tapping screw (2.0×8mm KM)
M02-003	M4 hex flanged lock nut
M03-007	Ball bearing (ø6.35×ø9.5×3.2mm)
M03-012	Ball bearing (ø8×ø12.7×4mm)
M05-041	Hollow ball (ø5×5.6mm)
M05-042	Hollow ball (ø5×7mm)
M06-014	Pin (ø1.95×9.5mm)
M06-015	Pin (ø2.5×27mm)
M06-016	Pin (ø2.5×38mm)
1601-022	Pin (ø1.8×6.8mm)

06 - TROUBLESHOOTING

PROBLEM	POSSIBLE REASON	SOLUTION
Vehicle can not move	Batteries are incorrectly assembled in remote controller.	Check transmitter batteries, refer to 04-02-03 for detail.
	Weak or damage battery in the car.	Install fully charged batteries.
	Worn or broken ESC/SCR wires or motor.	Check condition, reconnect and insulate.
	High temperature protection is triggered when the ESC/SCR is overheated.	Stop driving, ESC/SCR or motor has to cool down.
	Motor is damaged.	Replace with new unit.
	ESC/SCR or Receiver is damaged.	Replace with new unit.
	The wheel or drive shaft is entangled by debris.	Check components and remove the debris.
	The vehicle is off the control distance.	Operate the vehicle within the controlled range of transmitter.
Short runtime	Battery damaged or not fully charged.	Check condition, replace or recharge.
	Motor is dirty or damaged.	Check condition, replace or recharge.
	Terrain resistance causes excessive power consumption.	Play on other kinds of terrain.
Limited steering angle	The button of Transmitter Steering Dual Rate is set incorrectly.	Adjust Transmitter Steering Rate button per the manual.
	Damaged steering components.	Check components and replace.
Sluggish performance	Battery damaged or not fully charged.	Check condition, replace or recharge.
	Motor is dirty or damaged.	Clean , check condition or replace.
	Drivetrain is dirty or damaged.	Clean , check condition or replace.
Short range or no control on vehicle	Transmitter battery is weak or installed incorrectly.	Check transmitter batteries.
	Servo wires of receiver loose or connected incorrectly.	Reinstall signal wires to ESC receiver.
	Transmitter and ESC/SCR receiver are not paired correctly.	Frequency re pairing, refer to 04-02-09 for detail.
The indicator of the transmitter is not bright	The battery is installed incorrectly or has not enough power.	Install the battery properly or replace a new battery.
	The transmitter doesn't work.	Replace a new one.
Steering / Throttle works intermittent	ESC/SCR shuts down due to overheating.	Stop driving, ESC/SCR or motor has to cool down.
	Transmitter and ESC/SCR receiver are not paired correctly.	Check if any interference sources, or repair the transmitter and ESC receiver.

PROBLEM	POSSIBLE REASON	SOLUTION
Vehicle wanders left / right	Steering trim set out.	Adjust steering trim.
	Steering components are damaged.	Check and replace components.
	Drivetrain is dirty or damaged.	Clean, check, or replace.
Steering / Throttle operation reversed	"TH.REV" or "ST-REV" on the transmitter is set reversely.	Adjust the "TH.REV" or "ST-REV" on the transmitter per the manual .
	Check the wires from ESC/SCR to the motor are connected correctly .	Disconnect and reconnect.
The speed is lower than claimed	Use the lower speed level on Throttle Limiter.	Choose the higher speed level on Throttle Limiter.
	The Pinion Gear was jamming against the Motor Mount.	Disassemble Motor Mount to adjust the Pinion Gear.
Long frequency matching time	The signal is disturbed.	Restart the vehicle and the transmitter.
Operation delay	There might be obstacles or interferences.	Remove or avoid the obstacles or interferences.
The vehicle moves forward (backward) automatically or makes a sound of "en...."	Something wrong in transmitter.	Restart the transmitter.

07 - EXPLOSION VIEW (APPENDIX)

Refer to the "Appendix" for details

Manufacturer: SHANTOU CITY UDIRC TECHNOLOGY COMPANY LIMITED
Address: Guangfeng Industrial Zone,Guangyi street, Chenghai District,
Shantou City, Guangdong Province, China

07

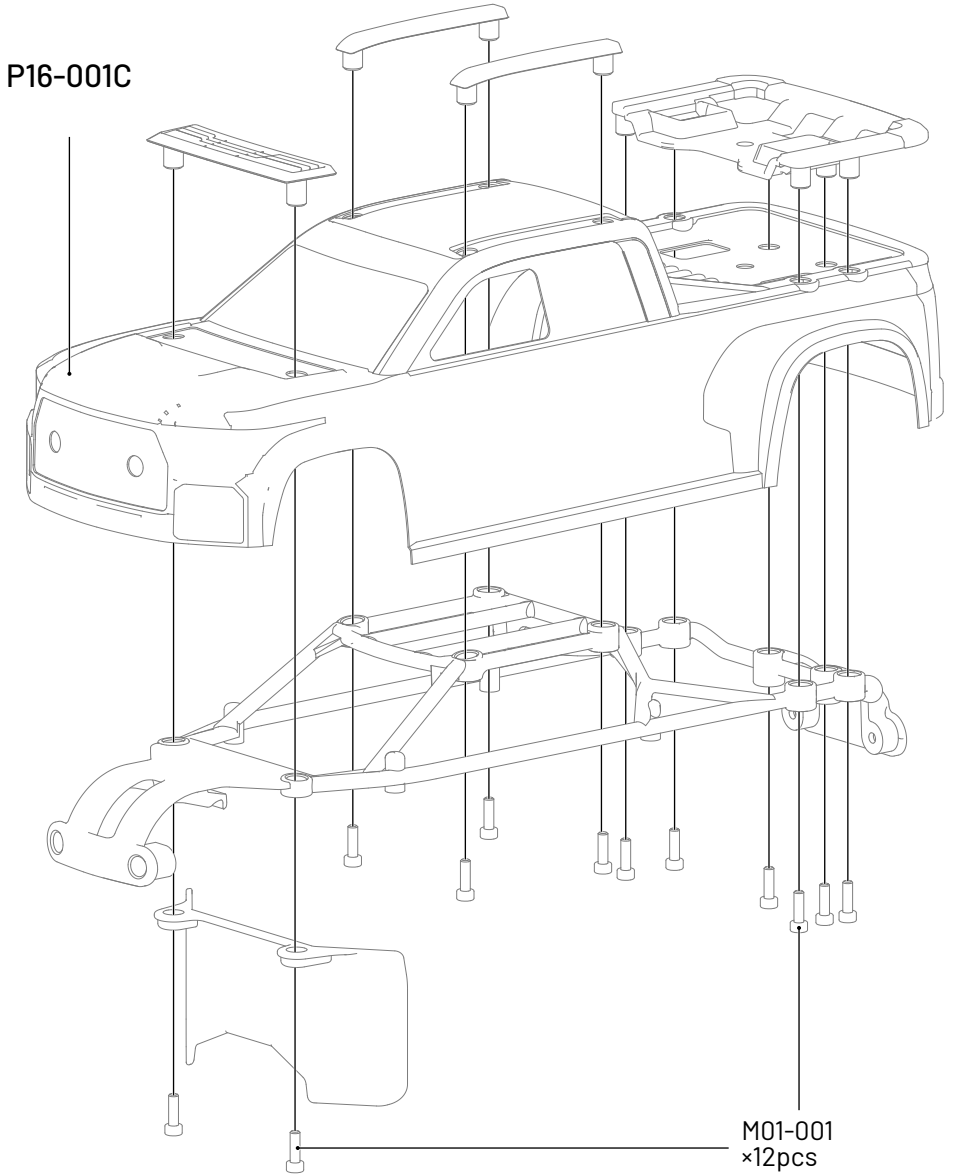
APPENDIX

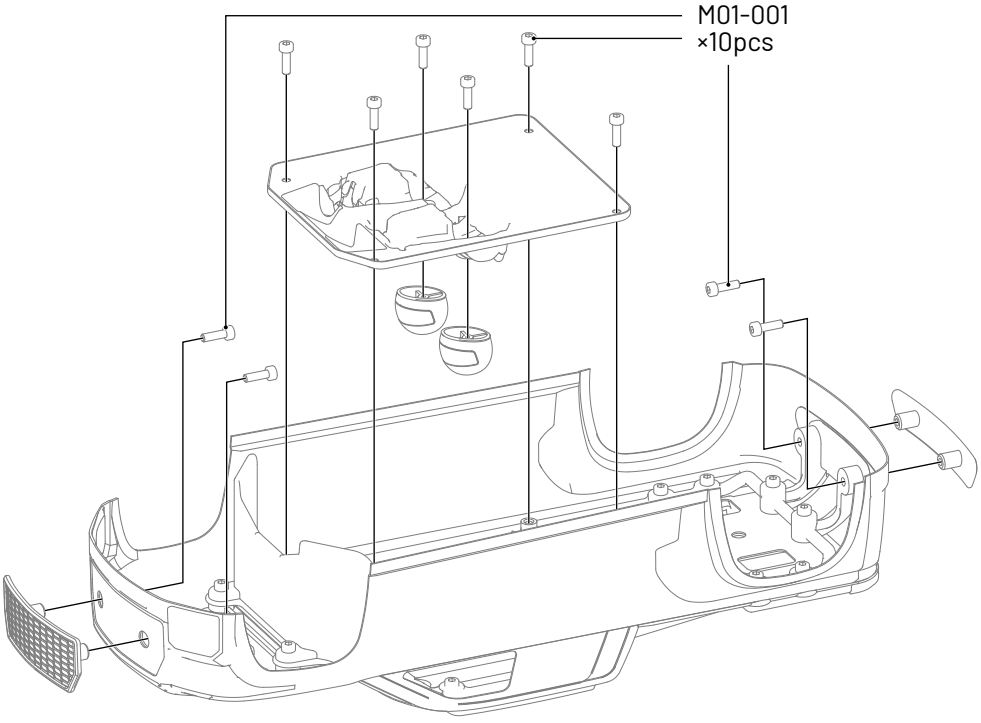
EXPLOSION VIEW

Refer to (05 - BUYABLE Accessories LIST) for detail list.

VIEW-1 BODY ASSEMBLY

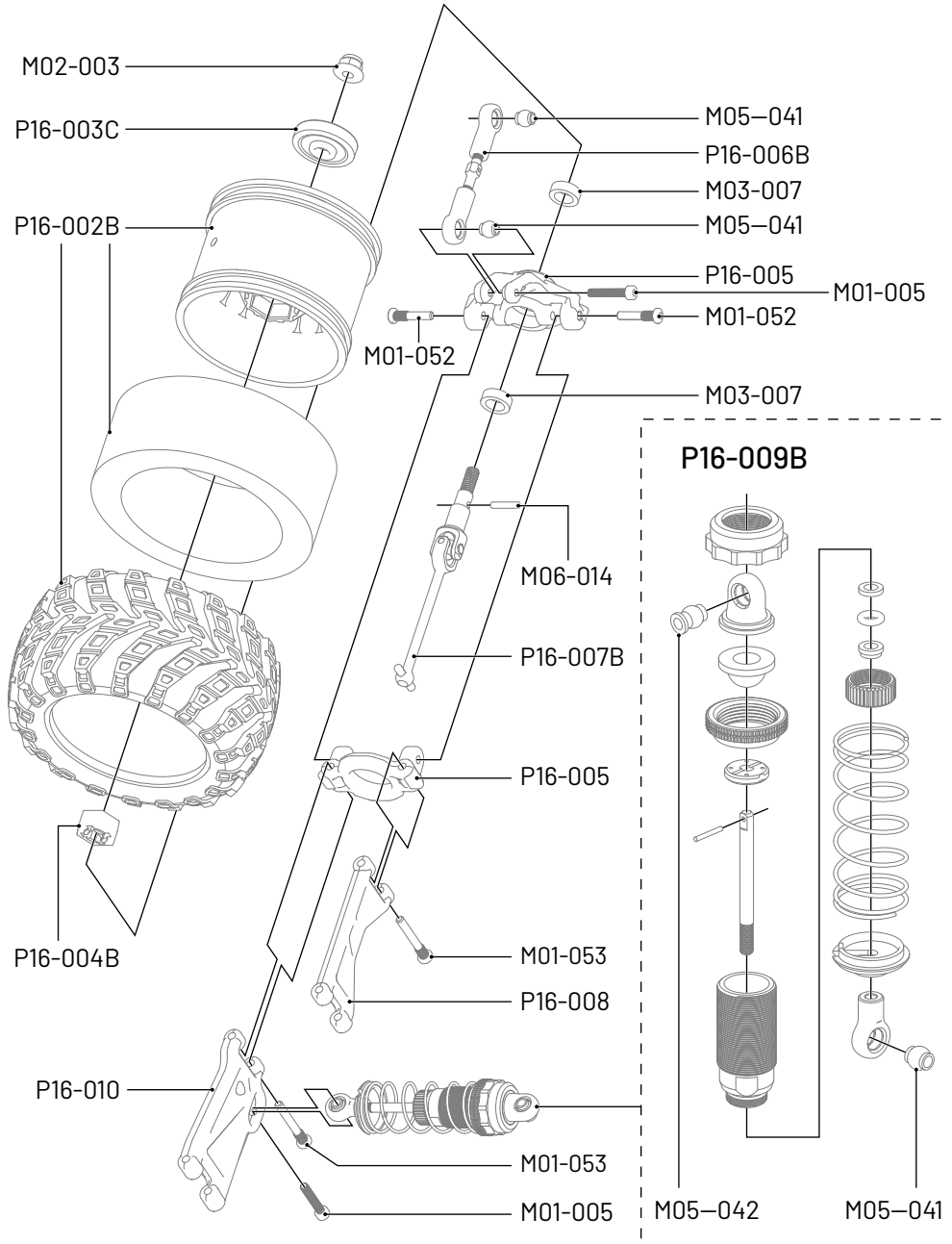
视图-1 车壳组装





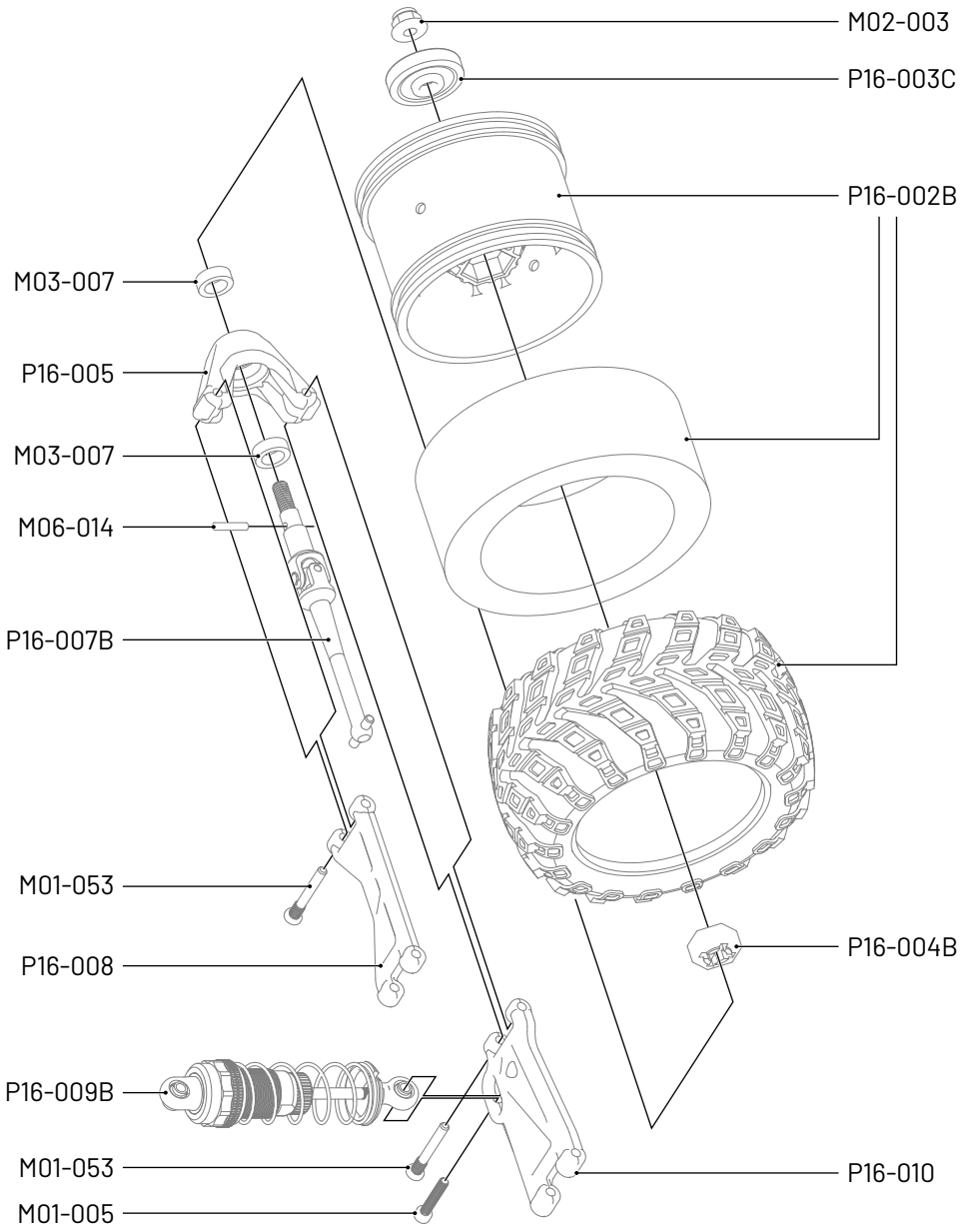
VIEW-2 FRONT ASSEMBLY (The left and right installation is the same)

视图-2 前轮组装（左右安装方法一样）



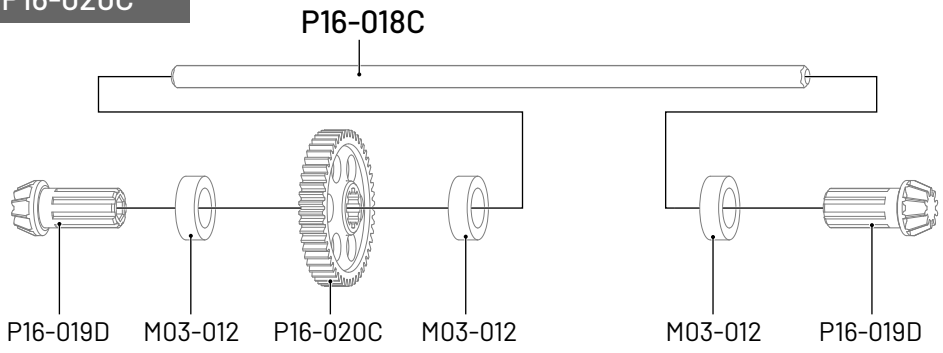
VIEW-3 REAR ASSEMBLY (The left and right installation is the same)

视图-3 后轮组装（左右安装方法一样）

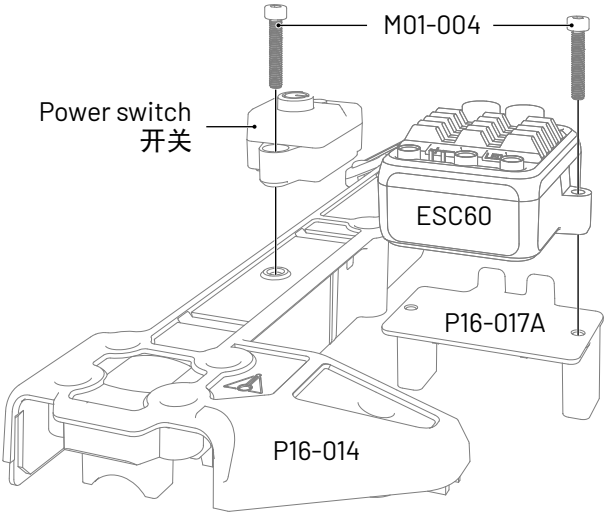


VIEW-4 CHASSIS ASSEMBLY
视图-4 底盘组装

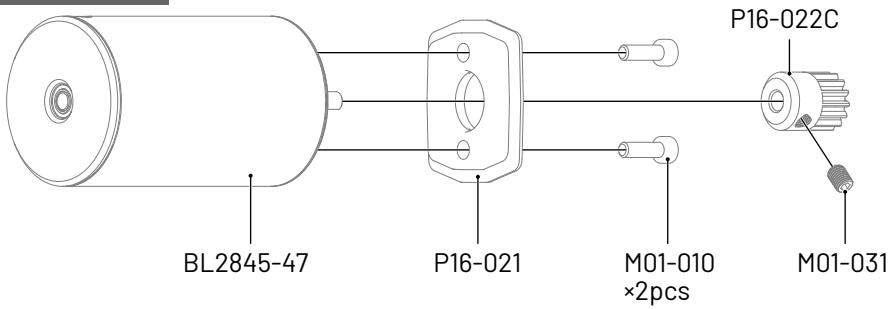
P16-020C



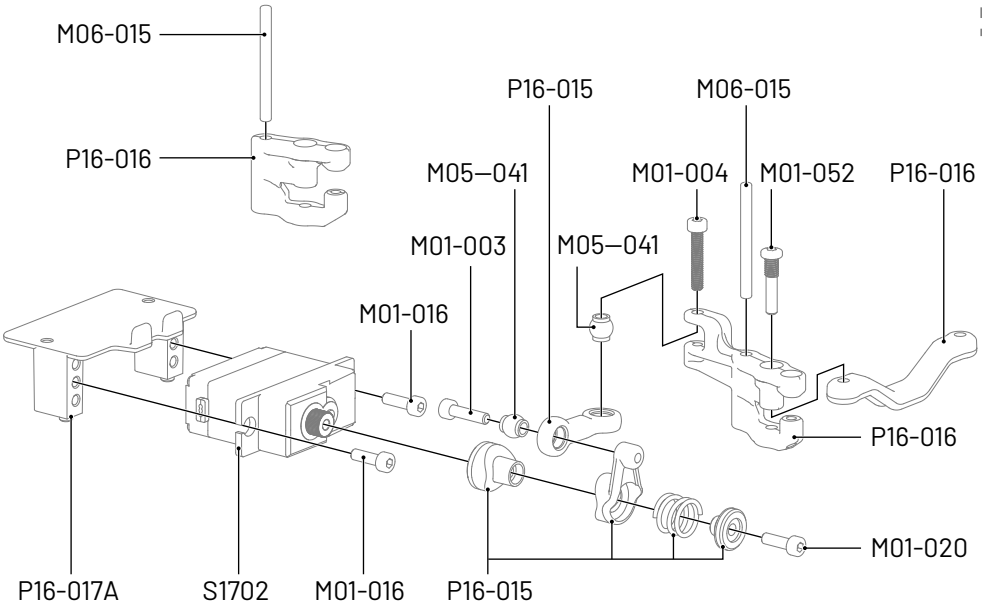
ESC60



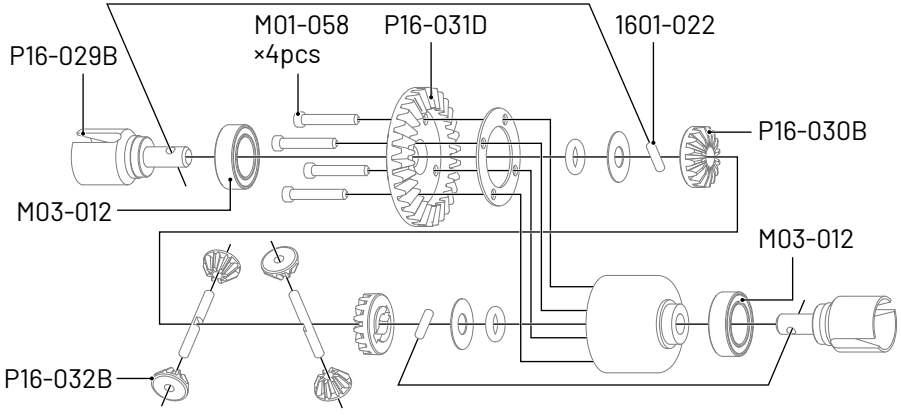
BL2845-47



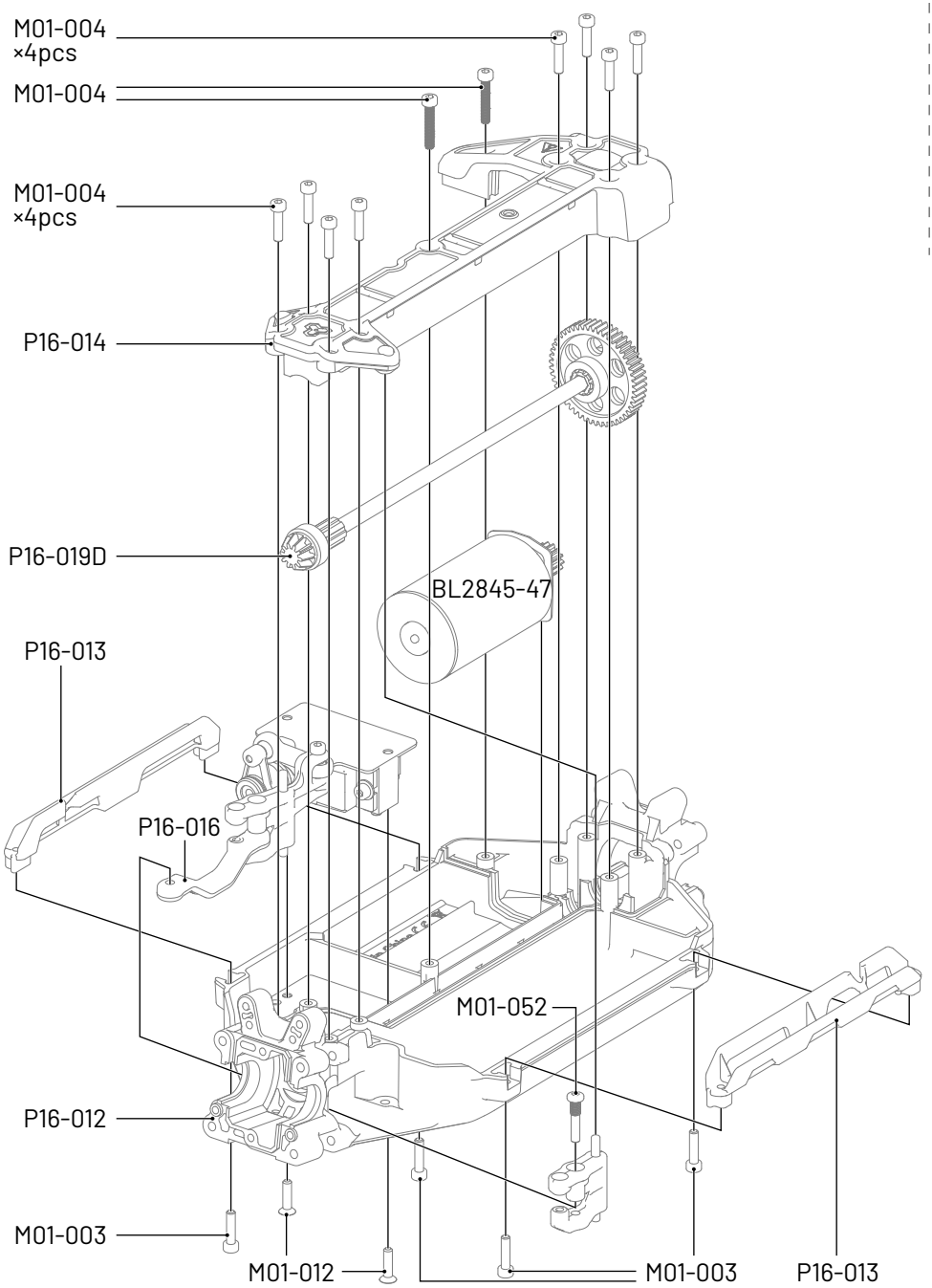
S1702



P16-023D

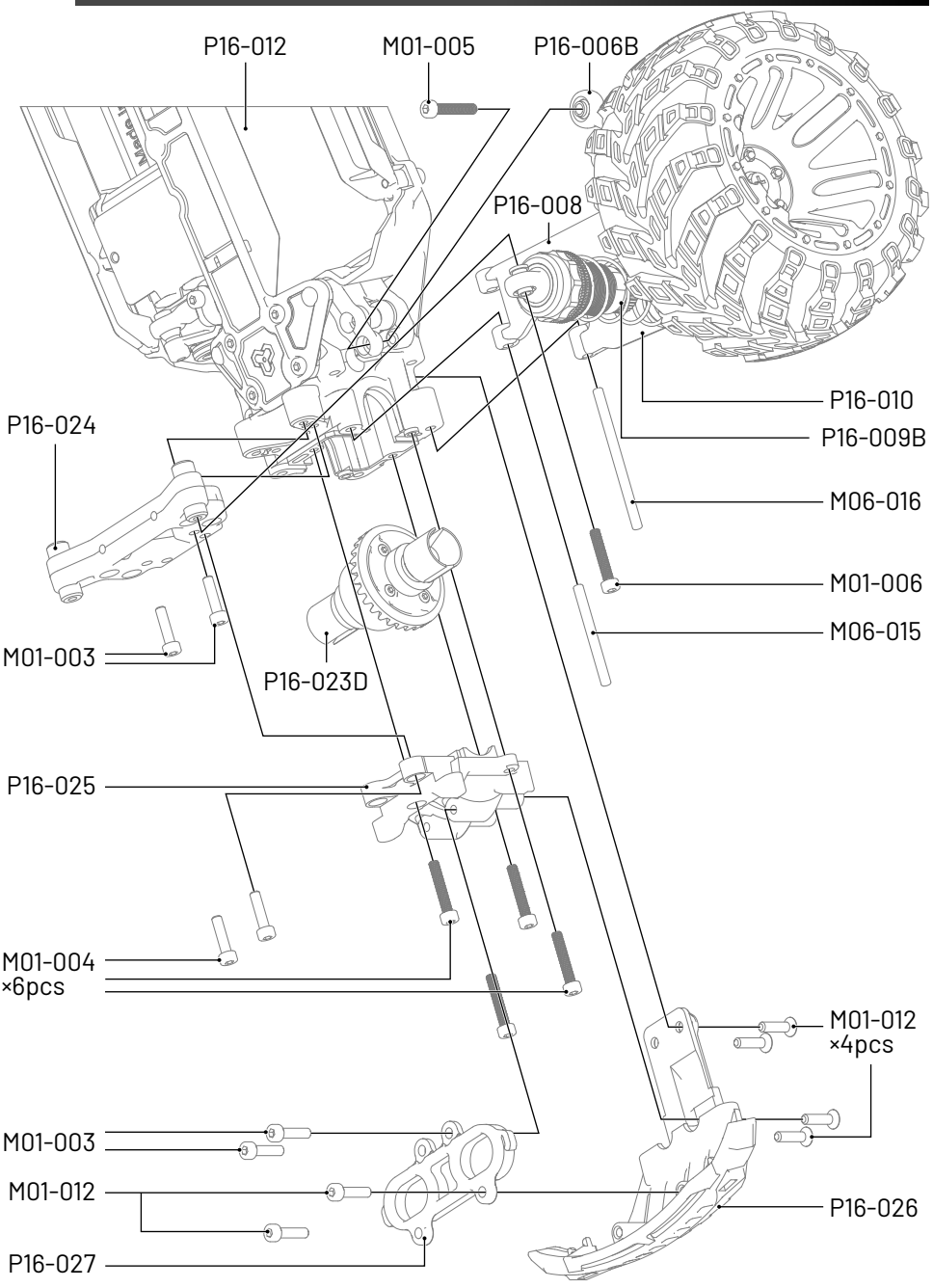


P16-012


M01-004
×4pcs
M01-004
M01-004
×4pcs
P16-014
P16-019D
BL2845-47
P16-013
P16-016
M01-052
P16-012
M01-003
M01-012
M01-003
P16-013

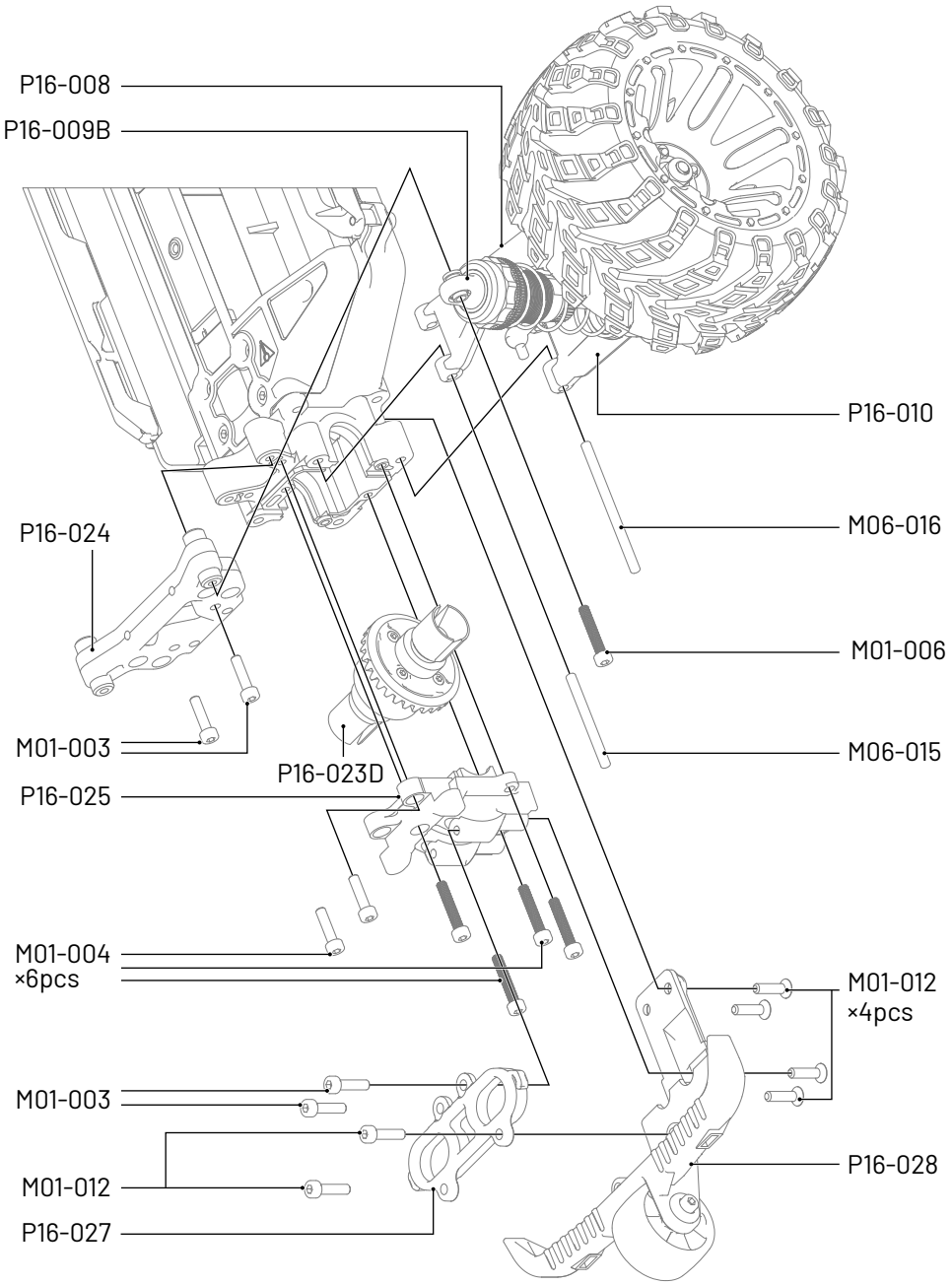
VIEW-5 FRONT BUMPER ASSEMBLY (The left and right installation is the same)

视图-5 前保险组装（左右安装方法一样）

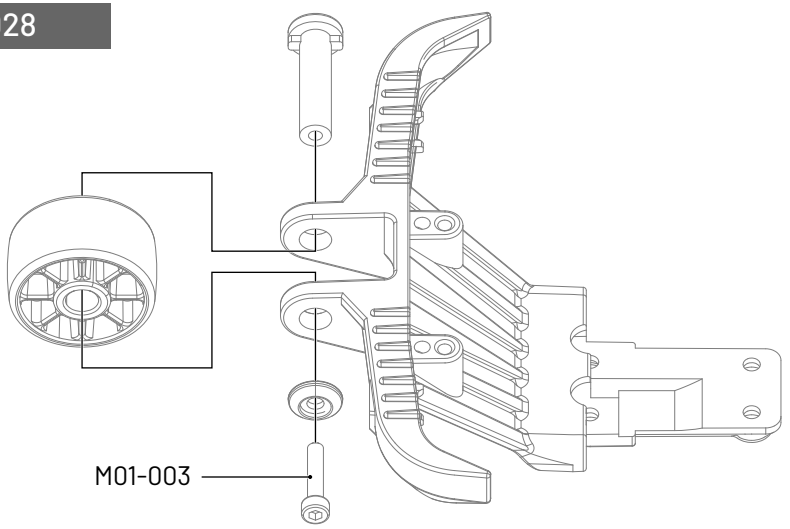


VIEW-6 REAR BUMPER ASSEMBLY (The left and right installation is the same)

视图-6 后保险组装（左右安装方法一样）



P16-028

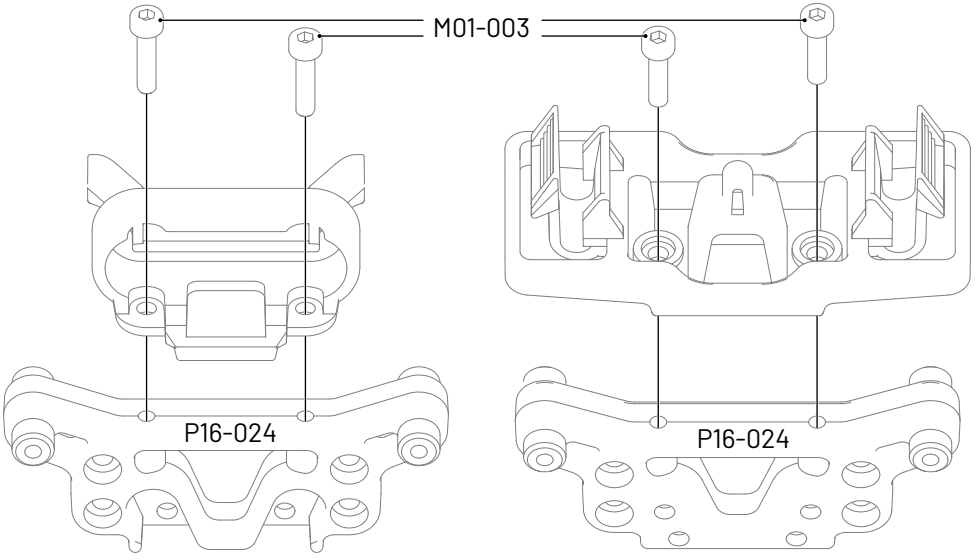


VIEW-7 FRONT AND REAR BUCKLES

视图-7 前后卡扣

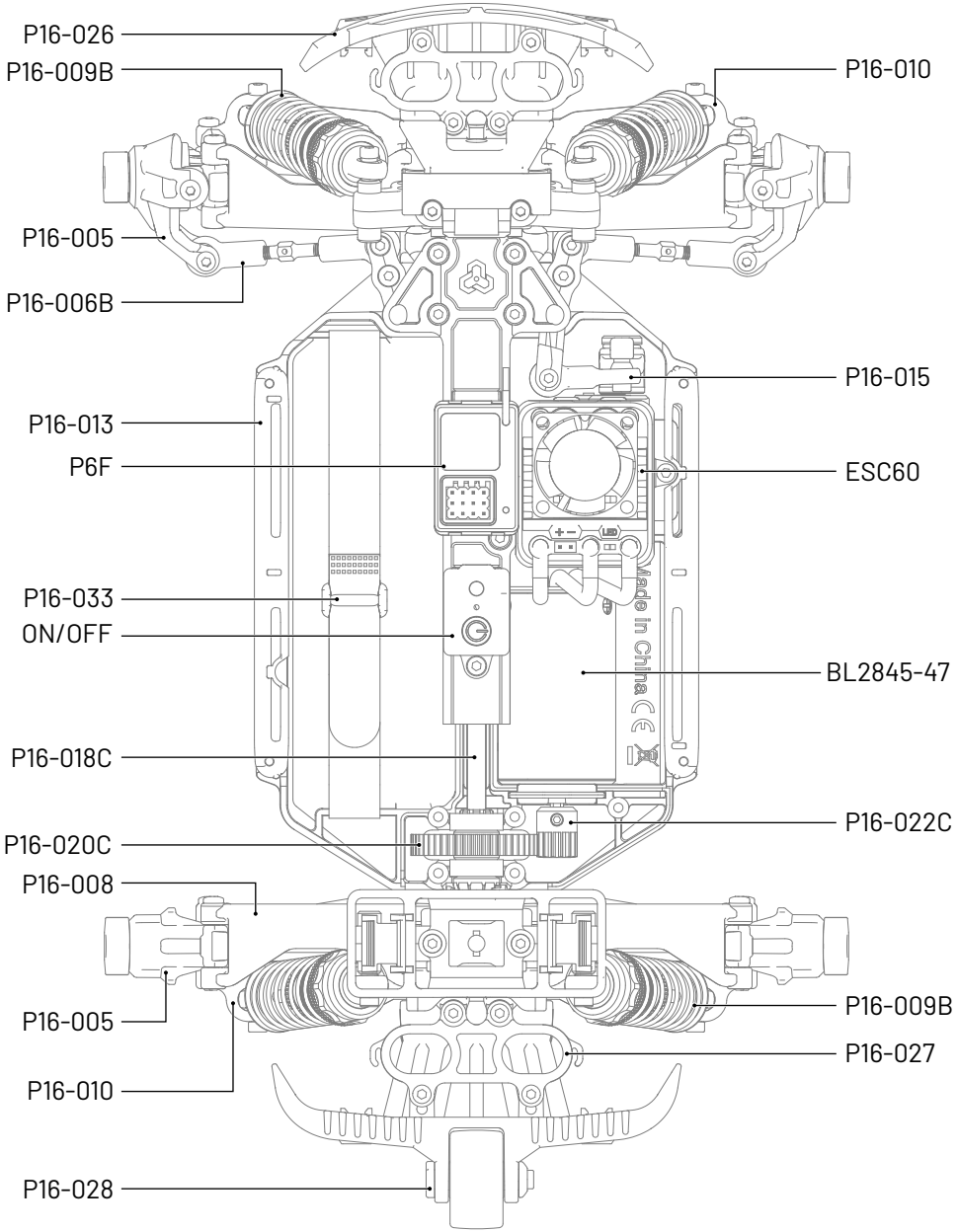
Front lock

Rear lock



VIEW-8 TOP VIEW

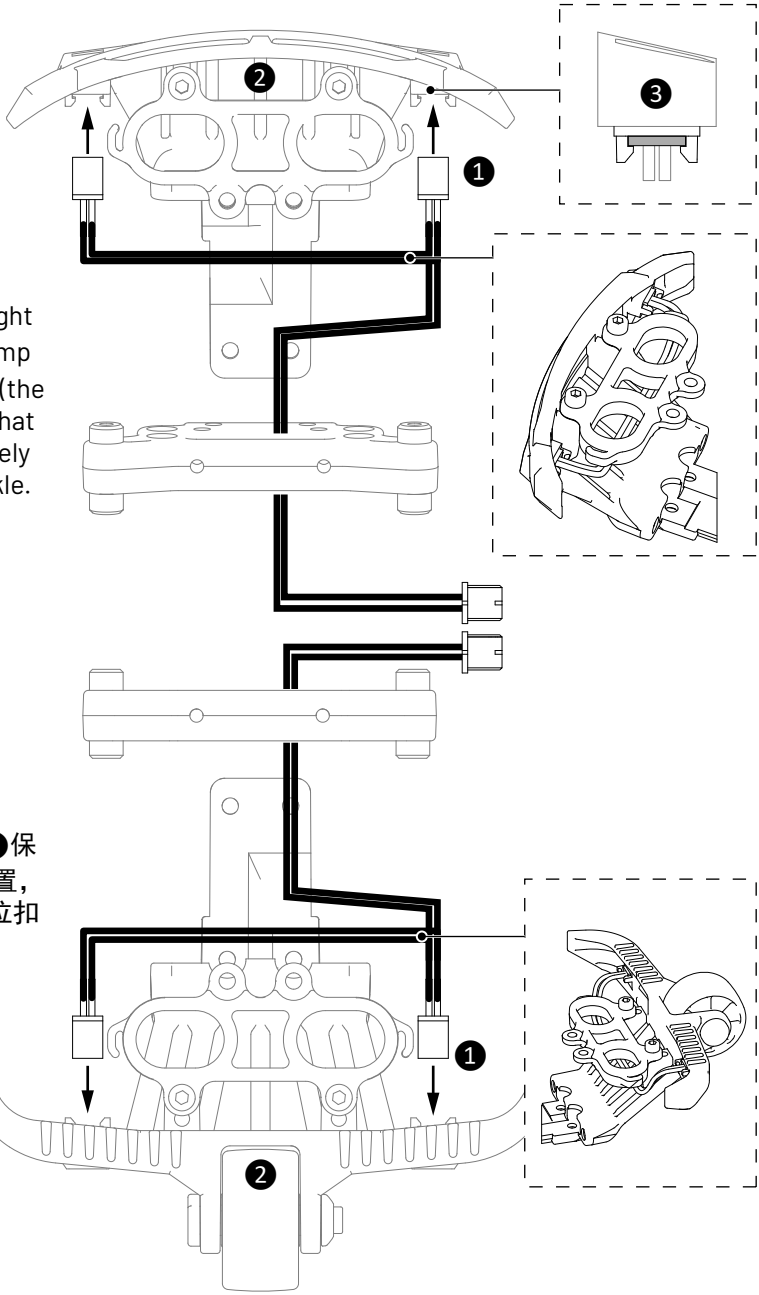
视图-8 顶视



视图-8 灯组安装

1. LED light bead
2. Bumper
3. Lamp hole

Insert 1(the LED light bead) into 3(the lamp hole) position on 2(the bumper), ensuring that the bead is completely inside the limit buckle.



1. LED灯珠
2. 保险杠
3. 灯孔

将1LED灯珠插入2保险杠上的3灯孔位置，确保灯珠完全在限位扣内。