EFFMS 1:12 JIMNY



Instruction Manual Bedienungsanleitung Manuel d'utilisation

操作手册

SPECIFICATION

Length:291mm Width: 135mm Height:158mm Wheel base: 187mm Ground clearance: 16mm Approach angle: 61° Departure angle: 60°

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SAFETY PRECAUTIONS

Introduction

This manual is written to assist you in properly operating, maintaining and repairing the vehicle. As many of the components used are unique to this truck, please retain this manual as a future reference.

Composed of precision-made components, the FMS 1:12 Suzuki Jimny is not a toy, thus it is not suited for children under 14 years of age. Minors should be accompanied by an adult when operating. Failure to operate or maintain this vehicle in a safe manner can result in bodily harm.

It is the owner responsibility to operate this product in a safe manner. FMS and its distributors are not responsible in any way for any and all bodily harm and/ or property damage that may result from the use of this product. Replace damaged components with original factory-parts. Pay special attention to the polarity of all vehicle wiring.

Safety, precautions and warnings

- 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 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.

CE compliance information for the european union

The associated regulatory agencies of the following countries recognize the noted certifications for this product as authorized for sale and use.

UK	DE	DK	BG	SE	GZ	ES	NL	SK	HU	RO	FR	PT
FI	EE	LV	Ľ	PL	AT	CY	SI	GR	MT	IT	ΙE	LU

Declaration of Conformity

Products: 2.4GHz Controller

Equipment Class: 2

The objects of declaration described above are in conformity with the requirements of the specifications listed below.

Item Name : 2.4GHz Controller
The RED Directive 2014/53/EU

EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013

EN 300 328 V2.1.1:2016 EN 301 489-1 V2.1.1:2017 EN 301 489-17 V3.1.1:2017 Please read this manual carefully prior to using. We are not responsible for any intentional damage or improper use. If you require any additional information or have any quesions adout he product or its use, please contact us via (www.fmsmodel.com).



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.

Certification

FCC Compliance Statement

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.

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

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:

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

RF Exposure Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.



FCC ID: N4ZR4A10

RADIO SYSTEM

Safety symbols

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

Attention	Not following these instructions may lead to minor injuries.
№ Warning	Not following these instructions may lead to major injuries.
↑ Danger	Not following these instructions may lead to serious injuries or death.
✓! Warning ♠ Danger	Not following these instructions may lead to major injuries. Not following these instructions may lead to serious injuries or death.

Safety guide





- 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 ause serious burns.
- 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.
- 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 motors 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.

Introduction

From the amazingly detailed interior, outer body, chassis and suspension, this is an RC model that replicates its full-size counterpart in virtually every area. The 1:12 Suzuki Jimny is ready to conquer the wilderness.

Realistic Body Details

- Officially licensed product of the Suzuki Motor Corporation.
- Ready-to-Run 4WD.
- Painted body in the original coating, with stainless marks using the photo-etching technique.
- Electroplating Suzuki logo and light cups.
- Photo-etching honeycomb grille and authentic movable rear-view mirror.
- Fine wheel artwork mounted with natural rubber tires.
- Bumpers, wheel fenders and roof can be disassembled for personal modification.
- Outstanding car light system with up to 15 LEDs.

Headlights: Full Beam / Dipped

Turn signals: Activated when turning / Dual flash switch Fog lights: Front & rear fog lights can be activated remotely

Brake lights: Activated when parking Reverse lights: Activated when reversing

Chic Interior

- Lift the hood for a featured lifelike scale engine with delicate detailing.
- Side doors open similar to the real Jimny.
- The steering wheel is driven by an independent servo andinked to the front wheel steering.
- Adjustable front seats, a perfect match for 1:12 figures.
- Open the backdoor, flatten the rear seats and enjoy some spacious storage!
- The trunk features a hidden storage area.
- Super detailed interior and dashboard.

Robust Chassis

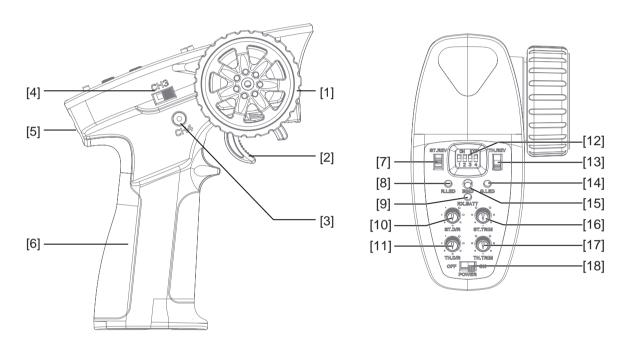
- Solid frame-full chassis structure.
- · Metal frame rails.
- Front & rear 3-link rigid axle suspension with coil spring.
- The scale engine houses a 180 motor with a two-speed transmission.
- Metal gears. Metal gears.
- 25 stainless steel ball bearings.
- Super detailed interior and dashboard.
- Battery, servo, receiver, ESC, light control all under the hood.

Transmitter intruction

Introduction

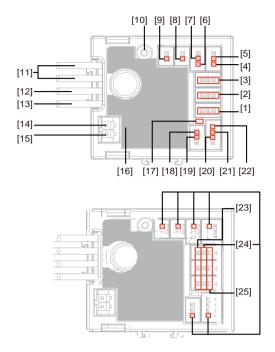
FS-R4A1 based on ANT protocol is a three-in-one receiver with ESC and LED light group control board. It has an external single antenna, can output PWM signal and light control signal, can implement two-way transmission, adopts automatic binding, and has a compact design, which can be adapted to various model cars.

Transmitter Overview



[1]	Traversing handwheel, 35 degrees on each side (CH1)	[10]	ST.D/R
[2]	Throttle button, 25 degrees in front and 12.5 degrees at rear (CH2)	[11]	TH.D/R
[3]	Push button switch (CH4) [Push button function is flip type]	[12]	Switch to the electric adjustment mode
[4]	Three-position toggle switch (CH3)	[13]	TH.REV
[5]	Lanyard hole	[14]	G.LED
[6]	Handle, 4*AAA battery compartment	[15]	BIND
[7]	ST.REV	[16]	ST.TRIM
[8]	R.LED	[17]	TH.TRIM
[9]	RX.BATT	[18]	Power Switch

Overview



[1] CH1	[14] Motor port "+'
[2] CH3	[15] Motor port "-"
[3] CH4	[16] Stickers
[4] Left-turn light port	[17] LED

1-1 -	
[4] Left-turn light port	[17] LED
[5] Head light port	[18] Left-turn light port
[6] Right-turn light port	[19] Right-turn light port
[7] Head light port	[20] Reversing light port
[8] Fog light port	[21] Brake light port
[9] Fog light port	[22] Taillight port
[10] Antenna	[23] Signal pin

[10] Antenna	[23] Signal pin
[11] Power switch	[24] Power "+"
[12] Battery line "+"	[25] Power "-"
[13] Battery line "-"	

Specifications

• Product Name: FS-R4A1

Adaptive transmitter: FS-MG41

Model Type: Car

• Channels: 4

• Numbers of Light Interfaces: 7

RF: 2.4GHz ISM2.4G Protocol: ANT

• Antenna: Single antenna

• Input Power: Lipo (2S)/NiMH (5~7Cell)

• BEC Output: 6V/1A

• Continuous/Peak Current: 10A/50A

Data Output: PWM

• Temperature Range: -10°C—+60°C

• Humidity Limit: 20%~95%

WaterProof: PPX4Online Update: No

• Dimensions: 33mm*30mm*12mm

• Weight: About 11g

• Certification: CE, FCC ID: N4ZR4A10

Binding

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

Press the **BIND** Key to turn on the transmitter and allow it to enter its binding state. Here, **G.LED** flashes quickly, and operator releases the **BIND** Key.

- 1. When the receiver is powered on and waits for 1 second, it will automatically enter the binding state if it is not connected;
- 2. After the binding is successful, the LED indicator of the receiver is always 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 completed within 10s, the indicator light of the receiver will enter its slow flashing state.

(2) If re-binding is successful, all the settings of the car lights will be restored to their default values.

ESC protection

This receiver has multiple prompt functions such as power-on self-check display, overheating alarm prompt, and low/high voltage alarm prompt.

- Self-check display: all car lights will be on for 1S when the receiver is powered on;
- Overheating alarm: When the internal temperature of the ESC is detected to exceed 110°C ,motor has no output, all car lights flash promptly, and the normal output will be restored when the temperature is lower than 70°C;
- Low/high voltage alarm: When the receiver enters the low voltage protection, motor has no output, and all the lights flash slowly; when the receiver enters the high voltage protection, all channels have no output. All car lights flash promptly.

Headlight control

The lights control works mainly through the setting of transmitter to achieve the conversion between lighting state and lighting mode.

This receiver presets five light control modes and each mode shares the same light state of reversing lights, that is, when the model car is reversed, the reversing lights stay on with high brightness, and vice versa off. While its turn signals, headlights, brake lights, taillights and fog lights vary from one another as described below:

- **Default mode:** Default mode: In this mode, whether the model car turns or not, the turn signal stays off; when the brake is applied, the brake light is on with high brightness and vice versa off; all the headlights, tail-lights and fog light stay off.
- Mode A: In this mode, when the model car turns, turn signals shows slow flashing and when brake is applied, the brake light is on with high brightness, vice versa low light; The headlights are in a low light state; the tail lights and fog lights are always off.
- **Mode B:** In this mode, when the model car turns, turn signals shows slow flashing; when brake is applied, the brake light is on with high brightness, vice versa low light; the headlights are on with high brightness; the tail-lights and fog light are always off.
- Mode C: In this mode, whether the model car turns or not, the turn signal keeps slow flashing; when brake is applied, the brake light is on with high brightness, vice versa low light; the headlights are on with high brightness, the taillights and fog light are on.
- **Mode D:** In this mode, when the model car turns, the turn signal shows slow flashing; when brake is applied, the brake light is on with high brightness, vice versa off; the headlights are in constant off state; the tail lights and fog light are in constant on state.

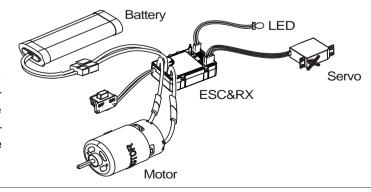
Note: (1) Press button CH4 on the remote control to switch the working mode in turn, from default mode, mode A, mode B, mode C to mode D. Each press comes with a switch in mode.

- (2) Default mode is on every time when you turn on the system.
- (3) Mode C represents the emergency light working state, with both the left and right turn signal lights working together as emergency lights by synchronously slow flash.

ESC function instructions

1.Connect related equipment:

Make sure the ESC is off before connection. Connect the motor with M+ and M- of ESC. Connect the steering servo to the 3Pin interface marked with "ST" of ESC (- + S connected correspondingly). Connect the battery with the positive and negative poles of ESC correspondingly.



2. Normal boot, identification throttle midpoint:

After connecting related equipment as step 1, turn on the radio first, move the throttle trigger to the neutral position. Turn on the switch of ESC at last. The receiver will automatically recognize the battery type when it is powered on again. Then it can run it.

Notes:

- **a.** The ESC can be run after completing self-inspection (about 3 seconds) if power on, otherwise it cannot be operated normally.
- **b.** If there is no power output and the red light of ESC flashes quickly after power on, please check whether the throttle trim of the transmitter is set to the "0" position, the receiver will automatically recognize the midpoint of the trim throttle after restarting;
- c. If the rotation direction is not correct during running, exchange the two wires connecting motor and ESC.
- **d.** To make sure everything is ok, please turn on the transmitter first and finally turn on the ESC, turn off the ESC first and finally turn off the transmitter.

Notes: Please refer to the relevant sections for details about the battery type, drag brake force and running mode of the ESC.

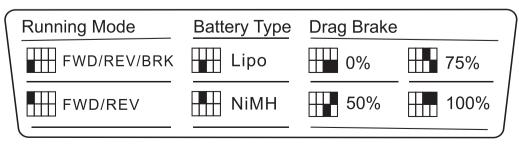
Failsafe

This function is used to protect the safety of the model and the operator when the receiver cannot normally receive the signal from the transmitter and is out of control. The receiver defaults that the throttle channel is fixed to be out of control and enters the brake state. After other channels are out of control, the receiver has no signal output. If you set it on the transmitter, it will output according to the set value.

Attention:

- Make sure the product is installed and calibrated correctly, failure to do so may result in serious injury.
- Please carefully check each power device and car frame instructions to ensure the power matching is reasonable before use. Avoid damaging power system due to incorrect matching.
- \bullet Do not let the external temperature of the system exceed 90°C /194 °F , because high temperature will damage the power system.
- Make sure the receiver's battery is disconnected before turning off the transmitter, failure to do so may lead to unintended operation or loss of control.
- After use, remember to disconnect the battery and the ESC. If the battery isn't disconnected, the ESC will consume electric energy all the time even if it is off. It will discharge completely if connect the battery for a long time, thus resulting in the failure of the battery or the ESC. We are not responsible for any damage caused by this!
- Make sure the receiver is mounted away from motors or any device that emits excessive electrical noise.
- Keep the antenna of the receiver 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.

ESC Parameter Setting



Dial Switch sign

The Dial Switch on the transmitter is used to set ESC parameters, that is, the Dial Switch is located at different positions and the corresponding parameter values are different.

Setting Method:

There are three parameters can be set for the ESC, which are "Running mode", "Battery type", "Drag brake", There are slide switches numbered 1 2 3 4 on the radio panel. The above parameters can be set by dialing down and up. The specific operation is as follows:

When No. 1 slide switch is on the down, it indicates that the operation mode is set to FWD / REV / BRK.

When No. 1 slide switch is on the up, it indicates that the operation mode is set to FWD/REV.

When No. 2 slide switch is on the down, it indicates that the battery type is set to Lipo.

When No. 2 slide switch is on the up, it indicates that the battery type is set to NiMH.

When No. 3 and No.4 slide switch are on the down, it indicates that the drag brake force is set to 0%.

When No. 3 slide switch is on the down and No.4 slide switch is on the up, it indicates that the drag brake force is set to 50%.

When No. 3 slide switch is on the up and No.4 slide switch is on the down, it indicates that the drag brake force is set to 75%.

When No. 3 and No.4 slide switch are on the up, it indicates that the drag brake force is set to 100%.

Parameter Explanation:

1. Running Mode

FWD/REV/BRK: This mode adopts "double click" reverse mode, that is, when the throttle trigger is pushed from netural range to the reverse area for the first time, the motor is only braking and will not reverse; when the throttle trigger is moved back to the netural range and pushed to the reverse area for the second time, it will reverse. This mode is applicable to general models.

FWD/REV: This mode adopts "one click" reverse mode, that is, when the throttle trigger is pushed from netural range to the reverse area, the motor immediately generates reverse action, which is generally applied to rock crawler.

Parameter setting method:

When No. 1 slide switch is on the down, it indicates that the operation mode is set to FWD / REV / BRK.

When No. 1 slide switch is on the up, it indicates that the operation mode is set to FWD/REV.

2. Battery Type

There are LiPo and NiMH cells. The low-pressure protection value is different under different types. It can be set according to the actual use.

Parameter setting method:

When No. 2 slide switch is on the down, it indicates that the battery type is set to Lipo.

When No. 2 slide switch is on the up, it indicates that the battery type is set to NiMH.

3. Drag Brake Force

The drag brake means that when the throttle trigger moves from the forward or reverse area to netural range, it will produce certain braking force to the motor, the larger the value is, the greater the drag brake force is. Select proper braking force according to the actual situation.

Parameter setting method:

When No. 3 and No.4 slide switch are on the down, it indicates that the drag brake force is set to 0%.

When No. 3 slide switch is on the down and No.4 slide switch is on the up, it indicates that the drag brake force is set to 50%.

When No. 3 slide switch is on the up and No.4 slide switch is on the down, it indicates that the drag brake force is set to 75%.

When No. 3 and No.4 slide switch are on the up, it indicates that the drag brake force is set to 100%.

Lighting function

				Times for Pressing							
Button	Light Position	Function	Power on is off by default	I	II	III	IV	V	Control Mod	Remarks	
		White headlights keep on		OFF	•	OFF	OFF	OFF			
	Headlight	White headlights keep on with high brightness		OFF	OFF	•	•	OFF			
		Taillights keep on		OFF	•	•	•	OFF			
	Taillights	Taillights turn red with high brightness amid brake operation		0	0	0	0	0	Throttle linkage control	Brake lights are on with high brightness amid brake operation	
CH4		Reversing white lights		0	0	0	0	0	Throttle linkage control	Reverse lights are on amid reverse operation	
	Fog lamp	The yellow headlights keep on		OFF	OFF	OFF	•	•			
	. 09	The red taillights keep on		OFF	OFF	OFF	•	•			
	Turn Signal	Left turn yellow light		OFF	0	0	0	0	Direction linkage controL	3 left turn signals automatically blink in the left turn with a 1-sec flashing frequency, namely on 0.5 sec and off 0.5 sec.	
		Right turn yellow light		OFF	0	0	0	0	Direction linkage controL	3 right turn signals automatically blink in the right turn with a 1-sec flashing frequency, namely on 0.5 sec and off 0.5 sec.	
		The brake lights show double flash in the left and right turn.		OFF	OFF	OFF	•	OFF		A total of 6 left and right turn signals flash automatically regard- less of direction with a 1-sec flashing frequency, namely on 0.5 sec and off 0.5 sec.	

Getting started

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

★ Transmitter Battery Installation

Danger	Only use specified battery (X4 AA batteries).
Danger	Do not open, disassemble, or attempt to repair the battery.
Danger	Do not crush/puncture the battery, or short the external contacts.
Danger	Do not expose to excessive heat or liquids.
Danger	Do not drop the battery or expose to strong shocks or vibrations.
Danger	Always store the battery in a cool, dry place.
Danger	Do not use the battery if damaged.

Battery Type: AAA

Battery Installation:

- 1. Open the battery compartment cover.
- 2.Insert 4 fully-charged AAA 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 LED on the panel will flash slowly.

Instructions

After setting up, follow the instructions below to operate the system.

1. Automatic code matching (the transmitter and receiver have been successfully coded before leaving the factory.)

If you need to replace another transmitter or receiver, please follow the following steps to code:

- 1. When the transmitter power is on and the code matching mode is on, the light keeps flashing;
- 2. The power supply of the receiving board is turned on, and the front lights keep flashing to enter the code matching mode;
- 3. When the code matching is successful, all the transmitter lights are on and all the lights on the car are off;

Note: when code matching, please operate the transmitter to enter the code matching state first, and then operate the receiver to enter the code matching state.

2, POWER OFF

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.



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

Instructions

1.Transmitter specification

Product Model	FS-MG41
Channels	4
Model Type	Car, Boat
RF	2.4GHz ISM
RF Power	<20dBm
2.4GHz Protocol	ANT
Distance	>150m(ground)
Channel Resolution	1024
Battery	6V DC 1.5AAA*4
Charging Interface	NO
Life time	According to battery type
Low Voltage Warning	<4.2V
Antenna Type	Built-in single antenna
Data Interface	No
Temperature Range	-10°C— +60°C
Humidity Range	20—95%
Online Update	No
Color	Black
size	118mm x 73mm x 145mm
weight	130g
Certification	CE,FCC ID:N4ZMG400

THROTTLE STICK POSITION

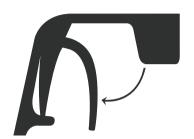
Throttle stick position

Neutral point



Top point of backward direction





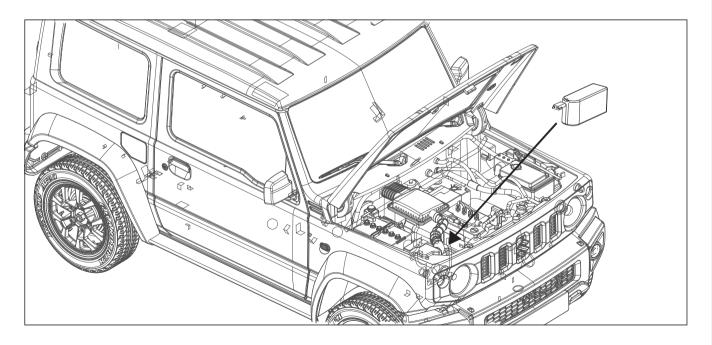


VEHICLE SETUP

Connecting the battery

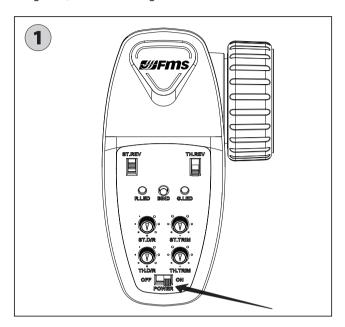
Step 1: open the hood.

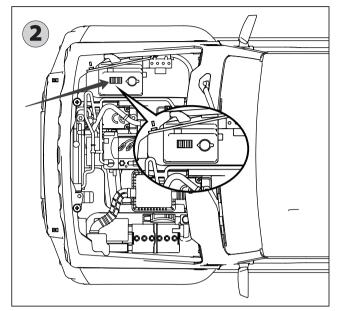
Step 2: place the battery in the battery box and connect the battery plug.



OPERATING THE VEHICLE

- Step 1: turn on the transmitter, the headlamp of the transmitter will flash and enter the frequency matching mode.
- Step 2: turn on the receiver switch, the headlight will flash and enter the frequency matching mode.
- Step 3: when the transmitter and receiver are successful in frequency up, the front lights of the transmitter will be on for a long time, and the front lights of the vehicle will be off.





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安全保障措施

「指引

本手册可以有效帮助您正确操作、维护和修理本品。由于本品所涉多数部件为特有部件,请保留本手册作为未来参考之用。

这款产品由精密制造的组件组成,非玩具级别,不适合14岁以下的儿童操作使用。

未成年人应在有经验的成年人陪同下操作使用。不当操作或维护会造成车辆损坏,甚至可能导致人身及财产损失。

本品操作者需以安全的方式操作本品。FMS及其分销商不以任何方式对不当使用本产品所可能造成的任何人身伤害或财产损害负责。

「安全、预防措施及警告

- 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,以免造成损坏。
- 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,不要操作模型车,以免造成失控。
- •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于常温环境中。

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。



无线电系统

安全符号

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。

注意	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。
警 告	如果不按照说明方法操作,可能导致操作者或他人遭受较大伤害。
↑ 危险	如果不按照说明方法操作,可能导致操作者或他人严重受伤,甚至遭受生命危险。

安全信息



禁止



强制

- 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。
- 在操作或使用模型后,请勿触摸任何可能发热的部位,如电池、电机等。这些部件可能非常热,容易造成严重的烧伤。
- 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。





「产品介绍

1:12 吉姆尼 Jimny

世界上第一台同时具备外观仿真、精细内饰、底盘结构也完全还原实车的仿真遥控模型;

外观:

- 获得铃木公司官方授权,细节一丝不苟的高度仿真
- 产品以涂装完成品的形态发售
- 完全还原的轮毂和轮胎
- 全尺寸备胎可以取下使用
- 大灯可以点亮,有远近光切换功能
- 前、中、后转向灯有转向联动和双闪切换功能
- 前后雾灯可遥控点亮
- 尾灯、高位刹车灯均可点亮并有刹车联动功能
- 倒车灯在倒车时自动点亮

内饰:

- 引擎盖可以打开,且有仿真的发动机造型和管线排布
- ・两侧车门可以打开,开启角度亦和实车相仿
- 方向盘由独立舵机驱动与前轮联动转向
- 前排座椅可前后调节,方便容纳 1/12 可动人偶
- •后排座椅可以安全放平,呈现和实车一样的强大的收纳
- 后排杂物箱可以打开,以容纳各类工具配件
- 后备箱可以打开

底盘:

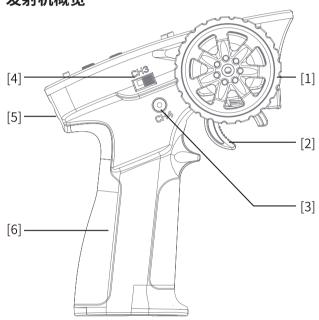
- 扫描实车,完美呈现 JIMNY 非承载式底盘,前后标配金属止推杆螺旋弹簧的结构特点
- 180 电机包裹在仿真的发动机外壳内
- 两档机械变速箱包裹在仿真的变速箱内
- 电池、舵机、接收机、电调、灯控全部整合在引擎盖下
- 全车金属齿轮
- 金属万向节传动轴
- 滚珠轴承

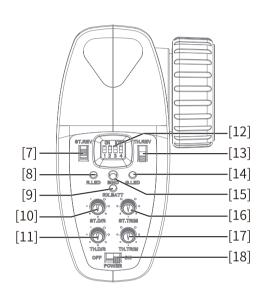
遥控器说明

产品介绍

FS-R4A1 采用 ANT 协议,是一款电调、LED 灯组控制板三合一接收机,外置单天线,可输出 PWM 信号和车灯控制信号,能够实现双向传输,采用自动对码,设计小巧紧凑,可适配多种车型使用。

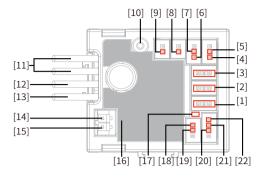
发射机概览

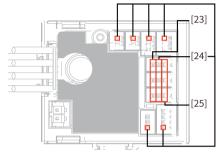




[1]	方向手轮,左右各 35 度(CH1)	[10]	方向舵量调节旋钮(ST.D/R)
[2]	油门扣机,前 25 度后 12.5 度(CH2)	[11]	油门舵量调节旋钮(TH.D/R)
[3]	按键开关(CH4)[按键功能为翻转式]	[12]	拨码开关(切换电调的工作模式)
[4]	三档拨动开关(CH3)	[13]	油门倒置开关(TH.REV)
[5]	挂绳孔	[14]	状态指示灯绿色 LED(G.LED)
[6]	手柄,4*AAA 电池仓	[15]	对码按键(BIND)
[7]	方向倒置开关(ST.REV)	[16]	方向微调旋钮(ST.TRIM)
[8]	电源指示灯红色 LED(R.LED)	[17]	油门微调旋钮(TH.TRIM)
[9]	电调电池电量显示双色灯(RX.BATT)	[18]	电源开关

接收机概览





[1] (CH1	通道接口	
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[14] 马达接口 "M+"

[2] CH3 通道接口

[15] 马达接口 "M-"

[3] CH4 通道接口

[16] 贴纸

[4] 左转灯接口

[17] LED 指示灯

[5] 前灯接口

[18] 左转灯接口

[6] 右转灯接口

[19] 右转灯接口

[7] 前灯接口

[20] 倒车灯接口

[8] 雾灯接口

[21] 刹车灯接口

[9] 雾灯接口

[22] 尾灯接口

[10] 天线

-[23] 通道信号端

[11] 电源开关

[24] 电源正极

[12] 电池线正极

[25] 电源负极

[13] 电池线负极

产品规格

・产品型号: FS-R4A1・适配遥控器: FS-MG41

适合机种:车通道个数:4

• 车灯接口数: 7

• 无线频率: 2.4GHz ISM

·无线协议: ANT(自动调频数字系统)

•天线类型:单天线

・输入电源: Lipo(2S)/NiMH (5~7Cell)

• BEC 输出: 6V/1A

• 持续 / 峰值电流: 10A/50A

·数据输出: PWM

・温度范围: -10℃—+60℃

・湿度范围: 20%~95%

• 防水等级: PPX4

• 在线更新: 无

·外形尺寸: 33mm*30mm*12mm(不含电容)

· 机身重量: 11g 左右

・认证: CE,FCC ID: N4ZR4A10

对码

本款接收机上电即自动进入对码状态。

按住遥控器的对码键并开机,即进入对码状态,此时 G.LED 快闪,松开"BIND"键。

- 1. 接收机上电等待 1 秒没有连接将自动进入对码;
- 2. 对码成功后,接收机 LED 指示灯常亮;

注: (1)对码时请先将遥控器进入对码状态,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) 如果重新对码成功, 车灯的所有设置将恢复默认值。

电调保护功能

本款接收机具有上电自检显示、过热报警提示、电压过低 / 高报警提示等多种提示功能。

- 自检显示:接收机上电瞬间所有车灯长亮 1S;
- 过热报警: 检测到电调内部温度超过 110℃时,马达无输出,所有车灯快闪提示; 当温度低于 70℃时恢复正常输出。
- 电压过低 / 高报警:接收机进入电压过低保护时,马达无输出,所有车灯慢闪提示;接收机进入电压过高保护时, 所有通道无输出,所有车灯快闪提示。

车灯控制

车灯控制主要是通过发射机的设置实现车灯亮灯状态及亮灯模式的转换。

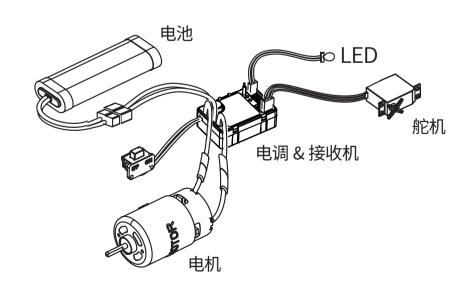
此款接收机对模型车车灯的控制预设了五种模式,各模式下模型车的倒车灯亮灭状态一致,即当模型车倒车时,倒车灯为高亮状态,反之为常灭状态。而转向灯、前灯、刹车灯、尾灯和零灯的亮灭状态各异,具体如下所述:

- •默认模式:此模式下,无论模型车是否转弯,转向灯状态为常灭状态;当刹车时,刹车灯为高亮状态,反之为常灭状态;前灯、尾灯和雾灯为常灭状态。
- 模式 A: 此模式下,当模型车转弯时,转向灯为慢闪状态;当刹车时,刹车灯为高亮状态,非刹车时为低亮状态;前灯为低亮状态;尾灯和雾灯为常灭状态。
- 模式 B: 此模式下,当模型车转弯时,转向灯为慢闪状态;当刹车时,刹车灯为高亮状态,非刹车时为低亮状态;前灯为高亮状态;尾灯和雾灯为常灭状态。
- 模式 C: 此模式下, 无论模型车是否转弯, 转向灯为持续慢闪状态; 当刹车时, 刹车灯为高亮状态, 非刹车时为低亮状态; 前灯为高亮状态; 尾灯和雾灯为常亮状态。
- 模式 D: 此模式下, 当模型车转弯时, 转向灯为慢闪状态; 刹车时, 刹车灯为高亮状态, 非刹车时为常灭状态; 前灯为常灭状态; 尾灯和雾灯为常亮状态。
- 注: (1)按遥控器上的 CH4 按键切换工作模式,每按一次,切换一个模式(默认模式、模式 A、模式 B、模式 C 和模式 D 依次切换);
 - (2)每次开机时,车灯控制模式为默认模式;
 - (3)模式 C 为应急灯工作状态,左右转向灯同时同步慢闪做应急灯。

电调功能使用说明

1. 连接相关设备:

连接前请确认电调开关处于关闭(OFF)状态,将电机与电调的 M+/M-相连接,舵机接到电调 3Pin 排针接口上("-""+""S"相对应),电池与电调输入正负极对应相接。



2. 正常开机,识别油门中点:

上面第一步相关设备连接好后,先打开遥控器,并将遥控器油门扳机置于中点位置(自然状态)。最后一步打开电调开关,接收机重新上电自动识别电池类型后方可运行。

注意:

- a. 电调开机后必须等到自检完成后方可运行(大约3秒),否则可能无法正常动作;
- 若开机后无动力输出,请查看遥控器油门微调是否置于"0"位置,接收机重启可自动识别微调油门中点;
- **c.** 若运行时发现电机转向不对,将电调接电机的两根线互换位置即可;
- **d.** 为了一切正常,请养成先打开遥控器最后打开电调开关以及先关闭电调开关最后关闭遥控器的习惯。
- 注:关于电调的电池类型、拖刹力度和运行模式的设置详见相关配套遥控器说明书相关章节。

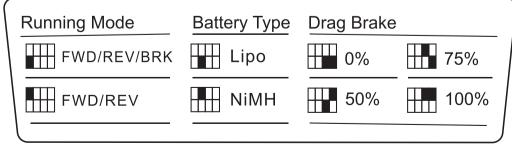
失控保护

此功能用于当接收机无法正常收到遥控器的信号不受控制时,保护模型和操作人员的安全。该接收机默认为油门通道固定为失控进入刹车状态,其他通道失控后接收机无信号输出,如若在遥控器上进行设置,则按照设置值输出。

注意事项:

- 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。
- •请查看各动力设备以及车架说明书,确保动力搭配合理,避免因错误的搭配导致动力系统损坏。
- 勿使系统的外部温度超过 90℃ /194°F,高温将会毁坏动力系统。
- 关闭时,请务必先关闭接收机电源,然后关闭遥控器。如果关闭遥控器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。
- •使用完毕后,若长时间不玩车,切记断开电池与电调的连接。如电池未断开,即使电调开关处于关闭状态,电调也会一直消耗电能(只是非常小),长时间连接电池最终会被过放,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!
- 确保接收机安装在远离电机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。

电调参数设置



拨码开关标识

发射机上的拨码开关用于设置电调参数,即拨码开关位于不同位置对应参数值不同。

设置方法:

该电调有三个参数项可以设置,分别是"运行模式(Running Mode)"、"电池类型 (Battery Type)"、"拖 刹力度 (Drag Brake)"。遥控器面板上有一列编号为 1 2 3 4 的拨码开关,通过上下拨动可以实现对上述参数 项的设置,具体操作如下:

当遥控器面板上编号为 1 的拨码开关位于下侧时,表示运行模式设置为前进后退带刹车(FWD/REV/BRK)。 当遥控器面板上编号为 1 的拨码开关位于上侧时,表示运行模式设置为直接正反转(FWD/REV)。

当遥控器面板上编号为 2 的拨码开关位于下侧时,表示电池类型设置为锂电池 (Lipo)。 当遥控器面板上编号为 2 的拨码开关位于上侧时,表示电池类型设置为镍氢 (NiMH)。

当遥控器面板上编号为3的拨码开关位于下侧,编号为4的拨码开关也位于下侧时,表示拖刹力度设置为0%。 当遥控器面板上编号为3的拨码开关位于下侧,编号为4的拨码开关位于上侧时,表示拖刹力度设置为50%。 当遥控器面板上编号为3的拨码开关位于上侧,编号为4的拨码开关位于下侧时,表示拖刹力度设置为75%。 当遥控器面板上编号为3的拨码开关位于上侧,编号为4的拨码开关也位于上侧时,表示拖刹力度设置为100%。

参数解释:

1. 运行模式 (Running Mode)

前进后退带刹车(FWD/REV/BRK): 此模式采用的是"双击式倒车",即油门扳机在第一次从中点区域推至 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,则产生 倒车动作。此模式适用于一般车型。

直接正反转(FWD/REV):此模式采用"单击式"倒车方式,即油门扳机从中点区域推至反向区域时,电机立即产生倒车动作,该模式一般用于攀爬车等特种车辆。

设置该参数的方法:

当遥控器面板上编号为 1 的拨码开关位于下侧时,表示运行模式设置为前进后退带刹车(FWD/REV/BRK)。 当遥控器面板上编号为 1 的拨码开关位于上侧时,表示运行模式设置为直接正反转(FWD/REV)。

2. 电池类型 (Battery Type)

有锂电和镍氢两种选择,根据实际使用情况设置即可。

设置该参数的方法:

当遥控器面板上编号为 2 的拨码开关位于下侧时,表示电池类型设置为锂电池。

当遥控器面板上编号为 2 的拨码开关位于上侧时,表示电池类型设置为镍氢。

3. 拖刹力度(Drag Brake)

拖刹是指当油门扳机从正向区域或反向区域转入中点区域内时,对电机产生一定的刹车力,这样做可以模拟有 刷电机的碳刷对电机转子的阻力,适合减速入弯及攀爬车应用。

设置该参数的方法:

当遥控器面板上编号为 3 的拨码开关位于下侧,编号为 4 的拨码开关也位于下侧时,表示拖刹力度设置为 0%。 当遥控器面板上编号为 3 的拨码开关位于下侧,编号为 4 的拨码开关位于上侧时,表示拖刹力度设置为 50%。 当遥控器面板上编号为 3 的拨码开关位于上侧,编号为 4 的拨码开关位于下侧时,表示拖刹力度设置为 75%。 当遥控器面板上编号为 3 的拨码开关位于上侧,编号为 4 的拨码开关也位于上侧时,表示拖刹力度设置为100%。

灯光功能

		按次数									
按钮	车灯位置	功能	开机默认 关闭	I	Ш	III	IV	٧	控制方式	备注	
	车头部灯	前白灯 常亮		关闭	•	关闭	关闭	关闭			
		前白灯 高光常亮		关闭	关闭		•	关闭			
		尾灯常亮		关闭	•	•	•	关闭			
	车尾部灯	刹车时 红灯高光亮		0	0	0	0	0	油门联动控制	刹车操作时刹车灯高亮	
CH4		倒车白灯		0	0	0	0	0	油门联动控制	倒车操作时倒车灯亮	
	雾灯	前黄灯 常亮		关闭	关闭	关闭	•	•			
		尾红灯 常亮		关闭	关闭	关闭	•	•			
		左转黄灯		关闭	0	0	0	0	方向联动控制	左转向时左边3个转向灯 自动闪烁, 闪烁的频率是1秒, 既亮0.5秒,灭0.5秒。	
	转向灯	右转黄灯		关闭	0	0	0	0	方向联动控制	右转向时右边3个转向灯 自动闪烁, 闪烁的频率是1秒, 既亮0.5秒,灭0.5秒。	
		左右转双闪		关闭	关闭	关闭	•	关闭		左右共6个转向灯自动闪烁,不受方向控制,闪烁的频率是1秒,既亮0.5秒,灭0.5秒。	

使用前准备

开始操作前,请按照本章的顺序和指引安装电池、连接设备。

★ 发射机电池安装

企 危险	仅使用厂家指定的电池。
企 危险	请勿打开、拆卸或自行维修电池。
企 危险	请勿挤压、刺穿或接触电池的金属端子。
企 危险	请勿将电池置于高温环境或液体中。
企 危险	如果不按照说明方法操作,可能导致操作者或他人遭受较大伤害。
企 危险	请将电池存放在干燥阴凉的环境中。
企 危险	如果电池损坏,请立即停止使用。

电池类型使用: AAA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 AAA 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LED慢闪报警提示

操作指引

准备操作完成后,您可以按照本章指引开始使用本产品。

1、自动对码(发射机和接收机在出厂前已对码成功。)

如需更换其他的发射机或接收机,请按照如下步骤 进行对码:

- 1. 发射器电源打开,对码模式,灯不停闪亮;
- 2. 接收板电源打开,前车灯不停闪亮,进入对码模式;
- 3. 当对码成功,发射机灯全亮,车上面的灯全部关闭;

注意:对码时请先操作发射机进入对码状态,再操作接收机进入对码状态。

2、关机

请按照以下步骤关机:

- 1. 断开接收机电源。
- 2. 将开关拨到 [OFF] 位置,使发射机关闭。



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。

产品规格

1、发射机规格

产品型号	FS-MG41
通道个数	4
适配模型	车、船
支持电池节数	4 节 AAA 电池
无线频率	2.4GHzISM
发射功率	<20dBm
无线协议	ANT
遥控距离	>150m(空旷无干扰地面距离)
通道分辨率	1024 级
电池	6V DC 1.5AAA*4
充电接口	无
续航时间	依电池类型
低电压报警	<4.2V
天线类型	内置单天线
数据接口	无
温度范围	-10°C— +60°C
湿度范围	20—95%
在线更新	无
遥控器颜色	黑
外形尺寸	118mm x 73mm x 145mm
机身重量	130g
认证	CE,FCC ID:N4ZMG400

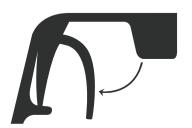
油门扳机位置

油门扳机位置

中位



前进方向的顶端



后退方向的顶端

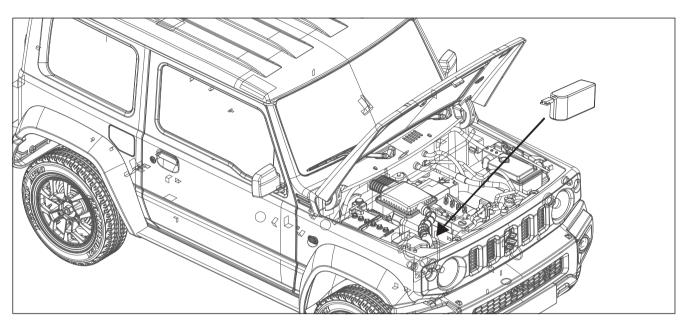


车辆设置

连接电池

步骤 1: 将引擎盖打开。

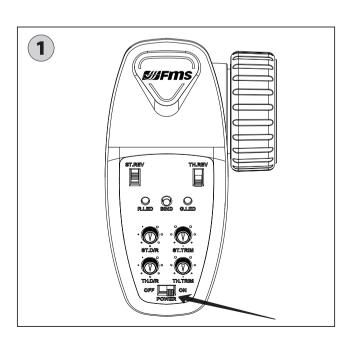
步骤 2: 将电池放置在电池盒中,然后连接电池插头。

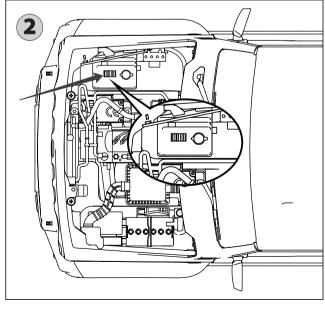


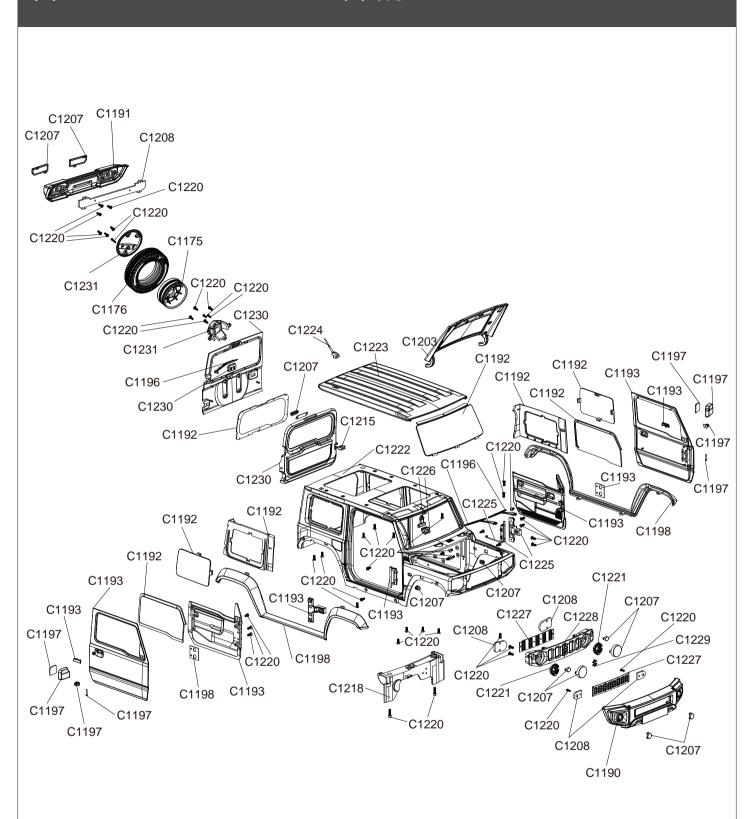
车辆操作

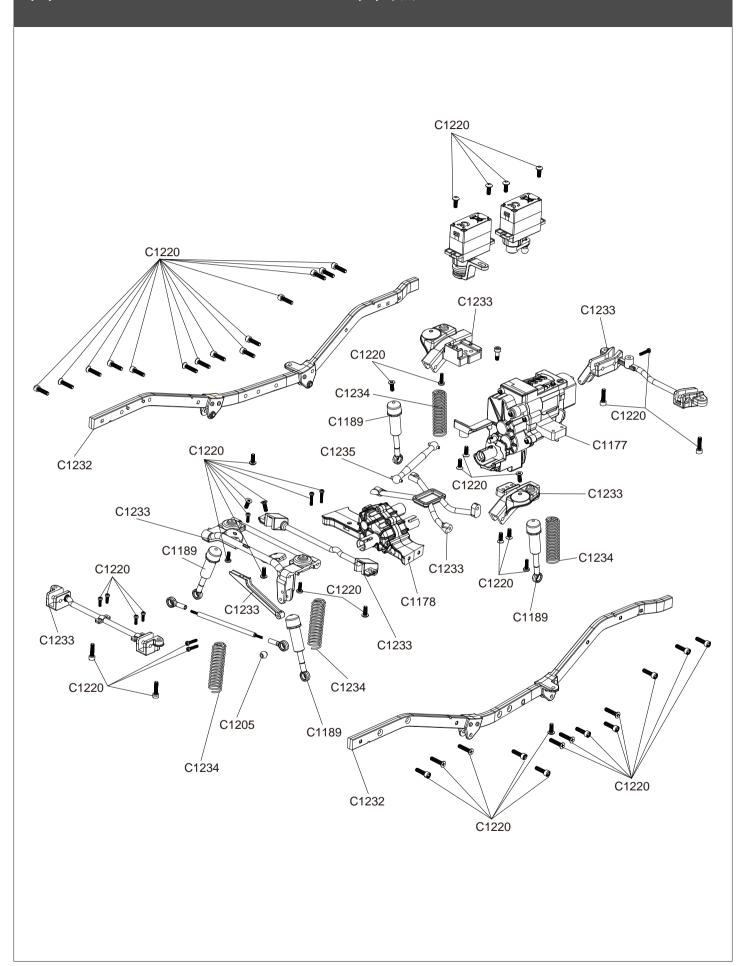
步骤 1: 打开发射器,发射器前灯会闪亮,进入对频模式。步骤 2: 打开接收器开关,车前灯会闪亮,进入对频模式。

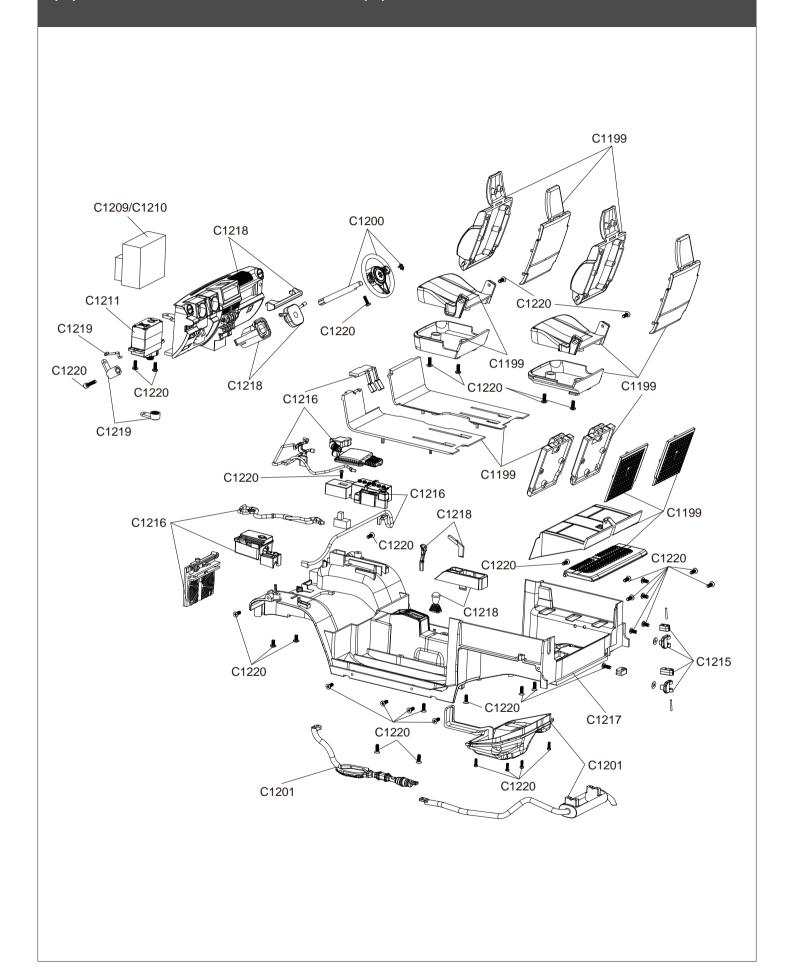
步骤 3: 当发射器,接收器对上频成功时,发射器前灯会长亮,车前灯会关闭。

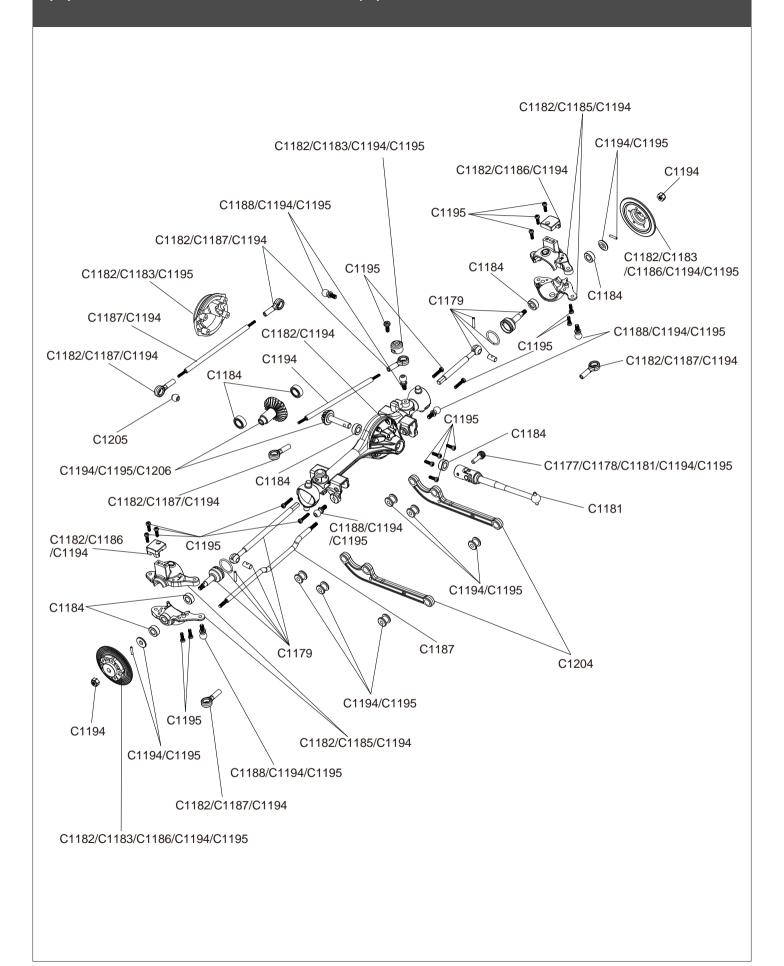


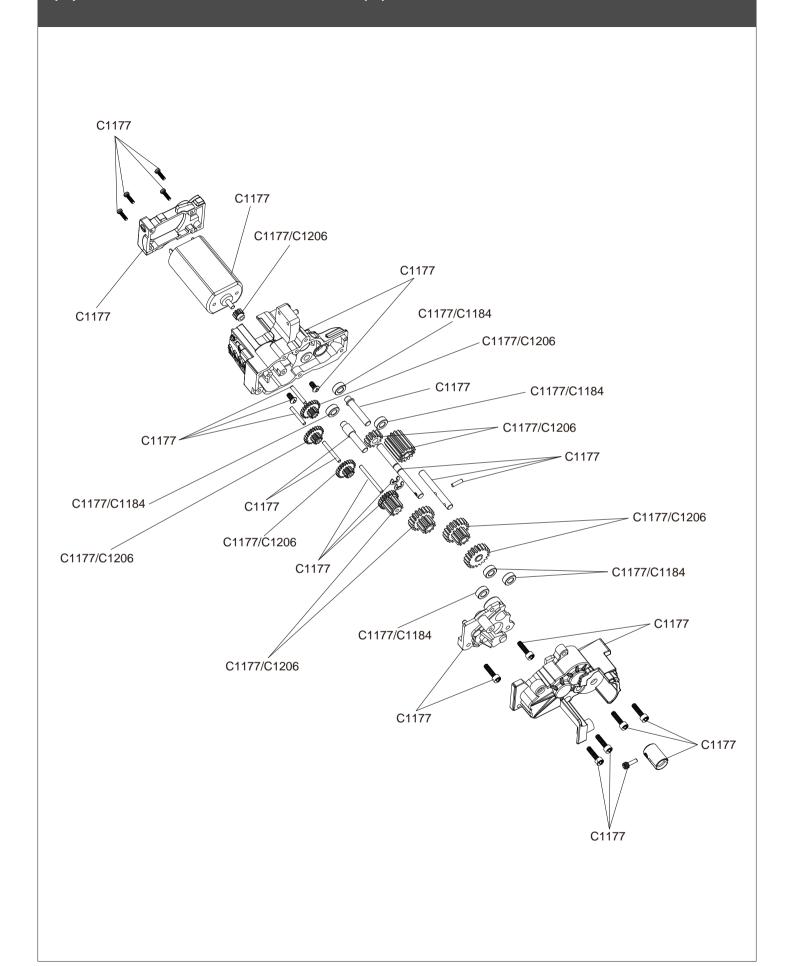


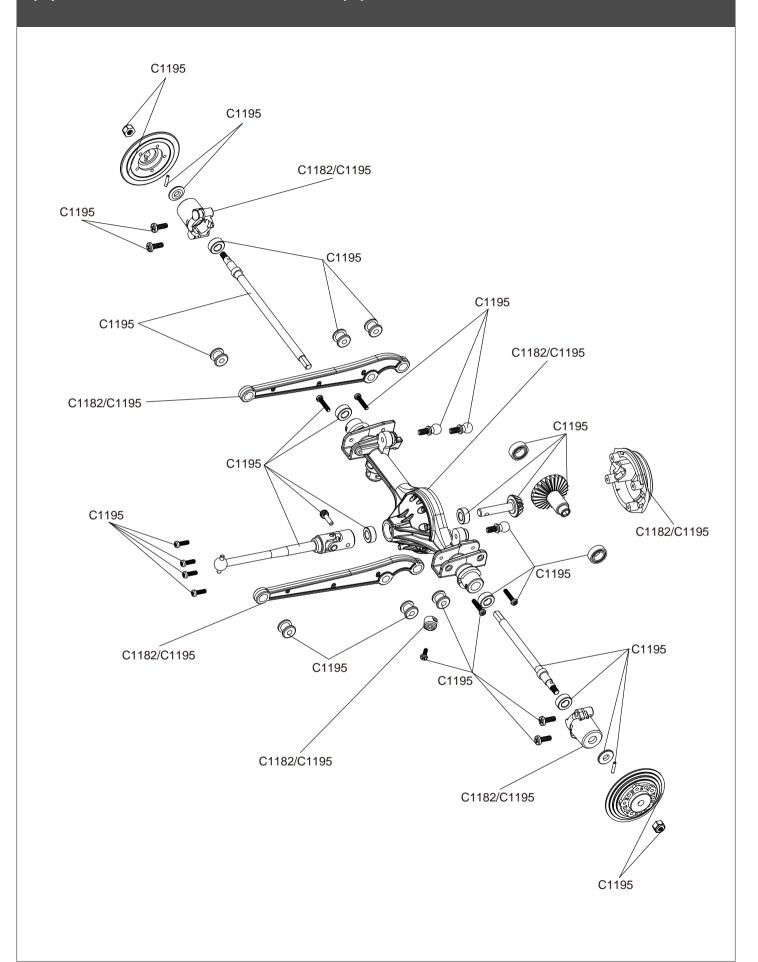


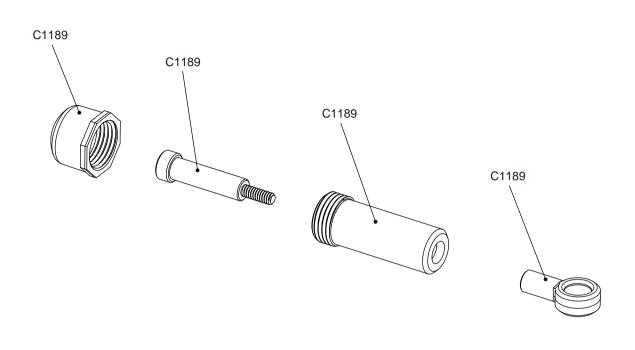






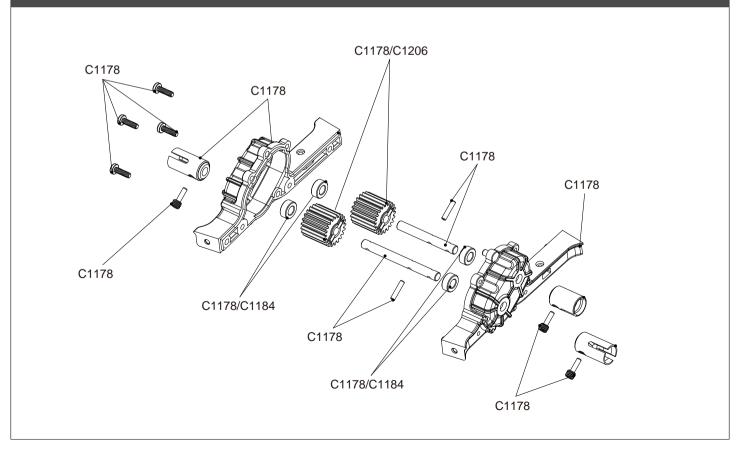


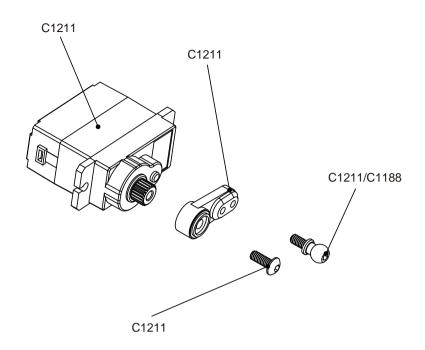




(EN) TRANSMISSION GEAR BOX ASSEMBLY

(CN) 分动牙箱组





"S" for spare part

"O" for optional part

PART NUMER	PRODUCT DESCRIPTION	S/O
C1169	HT-TX01 2.4G TRANSMITTER	S
C1175	1:12 JIMNY WHEELS	S
C1176	1:12 JIMNY TYRES1:12 JIMNY TYRES	S
C1177	1:12 JIMNY MAIN GEAR BOX ASSEMBLY	S
C1178	1:12 JIMNY TRANSMISSION GEAR BOX ASSEMBLY	S
C1179	1:12 JIMNY FRONT WHEEL DRIVE CUP SET	S
C1180	1:12 JIMNY REAR WHEEL DRIVE SHAFT SET	S
C1181	1:12 JIMNY TRANSMISSION SHAFT ASSEMBLY	S
C1182	1:12 JIMNY FRONT AXLE PLASTIC PARTS	S
C1183	1:12 JIMNY REAR AXLE PLASTIC PARTS	S
C1184	1:12 BEARING SET	S
C1185	1:12 JIMNY STEERING HUB SET	S
C1186	1:12 JIMNY BRAKE DISC	S
C1187	1:12 JIMNY STEERING LINKAGE SET	S
C1188	1:12 4.0 BALL BULB	S
C1189	1:12 JIMNY SPRING SHOCK ASSEMBLY	S
C1190	1:12 JIMNY BUMPER	S
C1191	1:12 JIMNY REAR BUMPER	S
C1192	1:12 JIMNY WINDOW SET	S
C1193	1:12 JIMNY SIDE DOOR	S
C1194	1:12 JIMNY FRONT AXLE ASSEMBLY	S
C1195	1:12 JIMNY REAR AXLE ASSEMBLY	S
C1196	1:12 JIMNY WIPER	S
C1197	1:12 JIMNY REARVIEW MIRROR	S
C1198	1:12 JIMNY SPLASH SHIELD	S
C1199	1:12 JIMNY SEATS SET	S
C1200	1:12 JIMNY STEERING WHEEL SET	S
C1201	1:12 JIMNY EXHAUST PIPE	S
C1203	1:12 JIMNY HOOD	S
C1204	1:12 JIMNY LINKAGE	S
C1205	1:12 JIMNY 4MM BULB	S
C1206	1:12 JIMNY GEAR SET	S
C1207	1:12 JIMNY LENS	S
C1208	1:12 JIMNY LED PCB SETS	S
C1209	HT-TX01 2.4G TRANSMITTER + 11221 RECEIVER SET	S
C1210	1:12 11221 RECEIVER	S
C1211	1:12 JIMNY STEERING SERVO	S
C1212	1:12 JIMNY STEERING WHEEL SERVO	S
C1213	1:12 JIMNY VARIABLE SPEED SERVO	S
C1214	1:12 JIMNY LED CONNECT WIRE	S
C1215	1:12 JIMNY REAR DOOR HINGE	S
C1216	1:12 JIMNY ENGINE COMPARTMENT DECO PARTS	S
C1217	1:12 JIMNY PLASTIC CHASSIS	S
C1218	1:12 JIMNY COCKPIT PARTS	S
C1219	1:12 JIMNY STEERING WHEEL SERVO HORN SET	S
C1220	1:12 JIMNY SCREW SET	S
C1221	1:12 JIMNY FRONT LIGHT CUP SET	S
C1222	1:12 JIMNY MAIN BODY	S

"S" for spare part

"O" for optional part

PART NUMER	PRODUCT DESCRIPTION	S/O
C1223	1:12 JIMNY ROOF	S
C1224	1:12 JIMNY ANTENNA	S
C1225	1:12 JIMNY ROOF STAY BAR	S
C1226	1:12 JIMNY REARVIEW MIRROR AND INTERIOR PARTS	S
C1227	1:12 JIMNY HEAT DISSIPATION GRID	S
C1228	1:12 JIMNY RADIATOR GRILLE	S
C1229	1:12 JIMNY LOGO SET	S
C1230	1:12 JIMNY REAR DOOR	S
C1231	1:12 JIMNY SPARE TIRE FRAME	S
C1232	1:12 JIMNY GIRDER	S
C1233	1:12 JIMNY MOUNTING SET	S
C1234	1:12 JIMNY SHOCK ABSORBER SPRING	S
C1235	1:12 JIMNY DOG BONE	S

"S" 为配件

"O" 为升级件

PART NUMER	PRODUCT DESCRIPTION	S/O
C1169	HT-TX01 2.4G	S
C1175	1:12 吉姆尼 车轮毂	S
C1176	1:12 吉姆尼 轮胎	S
C1177	1:12 吉姆尼 驱动牙箱组	S
C1178	1:12 吉姆尼 分动牙箱组	S
C1179	1:12 吉姆尼 前轮转动组件	S
C1180	1:12 吉姆尼 后轮轴	S
C1181	1:12 吉姆尼 万向传动组	S
C1182	1:12 吉姆尼 前桥胶件	S
C1183	1:12 吉姆尼 后桥胶件	S
C1184	1:12 吉姆尼 轴承	S
C1185	1:12 吉姆尼 转向杯	S
C1186	1:12 吉姆尼 刹车片	S
C1187	1:12 吉姆尼 转向连杆	S
C1188	4.0 球轴	S
C1189	1:12 吉姆尼 避振组	S
C1190	1:12 吉姆尼 前防撞	S
C1191	1:12 吉姆尼 后防撞	S
C1192	1:12 吉姆尼 车窗	S
C1193	1:12 吉姆尼 左右车门	S
C1194	1:12 吉姆尼 前桥总成	S
C1195	1:12 吉姆尼 后桥总成	S
C1196	1:12 吉姆尼 雨刷	S
C1197	1:12 吉姆尼 后视镜	S
C1198	1:12 吉姆尼 档泥板	S
C1199	1:12 吉姆尼 座椅	S
C1200	1:12 吉姆尼 方向盘	S
C1201	1:12 吉姆尼 排气管	S
C1203	1:12 吉姆尼 引擎盖	S
C1204	1:12 吉姆尼 连杆	S
C1205	1:12 吉姆尼 4MM波头	S
C1206	1:12 吉姆尼 齿轮	S
C1207	1:12 吉姆尼 灯片	S
C1208	1:12 吉姆尼 灯板	S
C1209	HT-TX01 2.4G + 11221接收板	S
C1210	1:12 吉姆尼 接收板	S
C1211	1:12 吉姆尼 转向舵机	S
C1212	1:12 吉姆尼 方向盘舵机	S
C1213	1:12 吉姆尼 換档舵机	S
C1214	1:12 吉姆尼 灯接线	S
C1215	1:12 吉姆尼 尾门铰	S
C1216	1:12 吉姆尼 引擎室装饰件	S
C1217	1:12 吉姆尼 车底板	S
C1218	1:12 吉姆尼 驾驶座装饰件	S
C1219	1:12 吉姆尼 方向盘舵机摇臂	S
C1220	1:12 吉姆尼 螺丝包	S
C1221	1:12 吉姆尼 前灯杯	S
C1222	1:12 吉姆尼 主体	S

"S" 为配件

"O" 为升级件

PART NUMER	PRODUCT DESCRIPTION	\$/0
C1223	1:12 吉姆尼 车顶盖	S
C1224	1:12 吉姆尼天线	S
C1225	1:12 吉姆尼引擎盖支撑杆	S
C1226	1:12 吉姆尼 内后视镜及内饰件	S
C1227	1:12 吉姆尼 散热栅格	S
C1228	1:12 吉姆尼 前面罩	S
C1229	1:12 吉姆尼 车标	S
C1230	1:12 吉姆尼 尾门	S
C1231	1:12 吉姆尼 备胎架	S
C1232	1:12 吉姆尼 大樑	S
C1233	1:12 吉姆尼 码件	S
C1234	1:12 吉姆尼 避振弹簧	S
C1235	1:12 吉姆尼 长狗骨	S

#