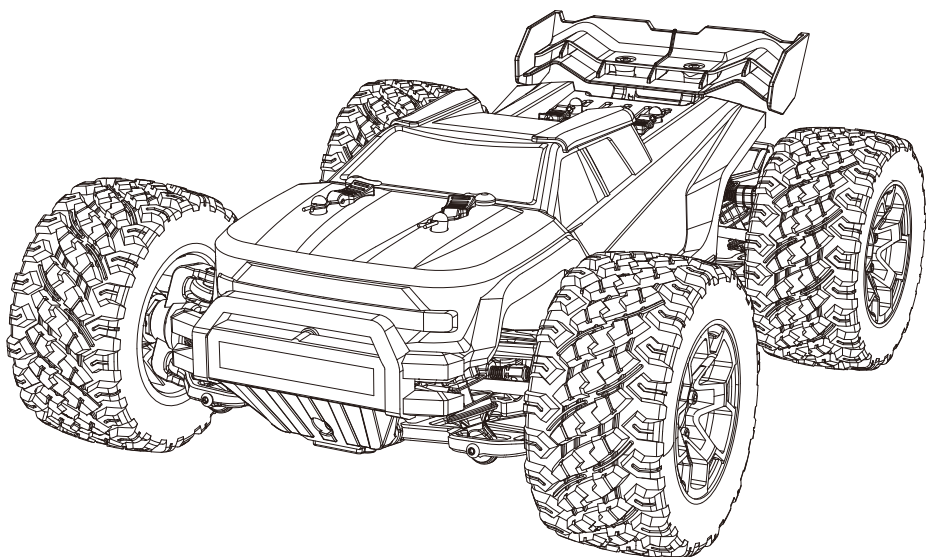


HYPER GO

1:14 RC HIGH SPEED CAR USER MANUAL



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

Warning:

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

Warnings & Cautions

1. Detachable small parts should be stored safely and out of reach of children.
2. If interference is experienced, turn the model off and try it again in a different area.
3. Transmitter will not function correctly if the batteries are low. Please replace the batteries.
4. Please discard old/used batteries in a safe manner. Consider your environment!
5. Please store the remote control model in cool, dry place.
6. DO NOT expose to fire or high temperatures, do not store in moist place.
7. Once the battery get wet, wipe immediately with a soft dry cloth.
If the battery any deformation, please stop using.
8. If you don't use the model for a long time, please raise the chassis to let the wheels hang in the air.

Precautions for Battery Use

1. Transmitter uses 4x1.5V "AA" batteries.
2. Please pay attention to correct polarity when replacing batteries.
3. Rechargeable batteries should be charged under adult supervision.
4. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries.
5. After the battery is exhausted, the model should be removed.
6. Exhaust battery should be safety dispose!
7. DO NOT short circuit any terminals.
8. DO NOT attempt to recharge non rechargeable batteries.
9. Remove batteries from the model when charging.
10. DO NOT put batteries into a fire or into water.
11. The rated input voltage battery charger MUST be suitable for your mains power voltage.
12. During charging it is quite normal for the charger and batteries to heat up.
13. Do not swallow battery!
14. Store only in cool, dry and dark places and should be keep out of the children!
15. When the battery leaks the liquid and let it into you eyes, please right away rinse them and consult an ophthalmologist.

Safety Precautions

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

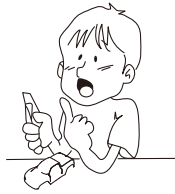
In order to operate the car safely. Be sure that you have observed the following points:



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



- Be sure to read thoroughly the manual before you begin. Fresh user should seek advice from people having rich experience in order to assemble the model correctly.



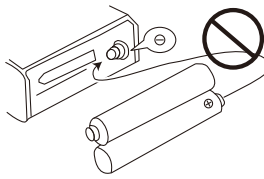
- Cutters, nippers and screwdrivers need careful handling.



- As the product contains small and sharp parts, assemble and store this product only in places out of the reach of children.



- Do not expose this model to high temperature, humidity or direct sunlight.



- Never reverse connection/ disassemble the battery. This may lead to damage and leakage.

- When the model is not in use, always turn off the receiver and transmitter. Further more, disconnect the batteries and remove them from the model and the transmitter. This may be dangerous such as overheat and leakage.

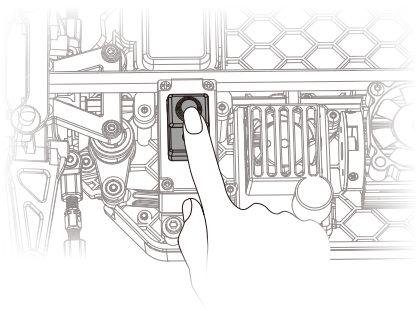
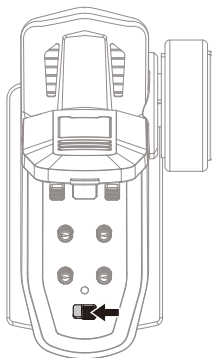
Operating Your Model Safely

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

- Operate your model in spacious and safe areas! Do not operate it:
 1. On road!
 2. In places where children and many people gather.
 3. In residential districts and parks!
 4. Do not operate the model on public roads, in crowded places and near infant as it may cause accidents.
 5. Indoors and in limited space! Non-observance may result in personal injury and property damage!
- The car must stop immediately and check for the reasons when it is operating abnormal. As long as the problem is not cleared, do NOT operate it! This may lead to further trouble and unforeseen accidents!
- Always check the radio batteries!
With weak dry batteries, transmission and reception of the radio would fall off. You may lose control of your model in such condition. This may also cause serious accidents!
- Keep in mind that people around you may also operate a radio control model!
NEVER share the same frequency with somebody else at the same time! Otherwise, Radio signals will be mixed up and you will lose control to your model. This may lead to accidents.
- Do NOT put fingers or any objects inside rotating and moving parts!
- Right after use, do NOT touch the motor! Danger of burning yourself!

Power Switch

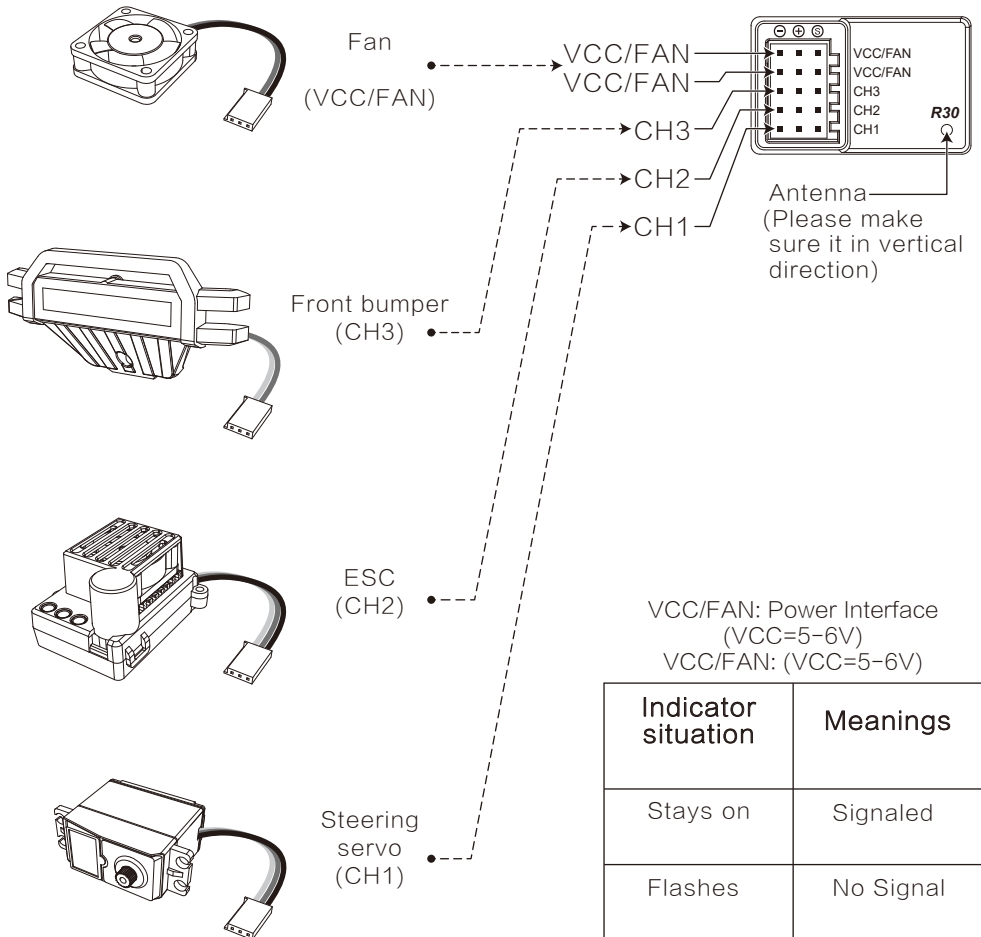
1. Turn on the power switch of the transmitter, the signal indicator light of transmitter flashes.
2. Press the power button of high speed car, the indicator light of high speed car flashes.
3. When the indicator light stays on, the high speed car can be operated to play.





- When turn on the transmitter, please DO NOT touch the throttle and steering. After turn on the transmitter's power, please operate after the indicator light of transmitter staying on.
- Please comply the principle of "turn on the transmitter firstly, then turn on the high speed car".
- In the frequency matching, please make sure there is only one pair of transmitter and high speed car in matching at the same time, otherwise the frequency will match wrongly.

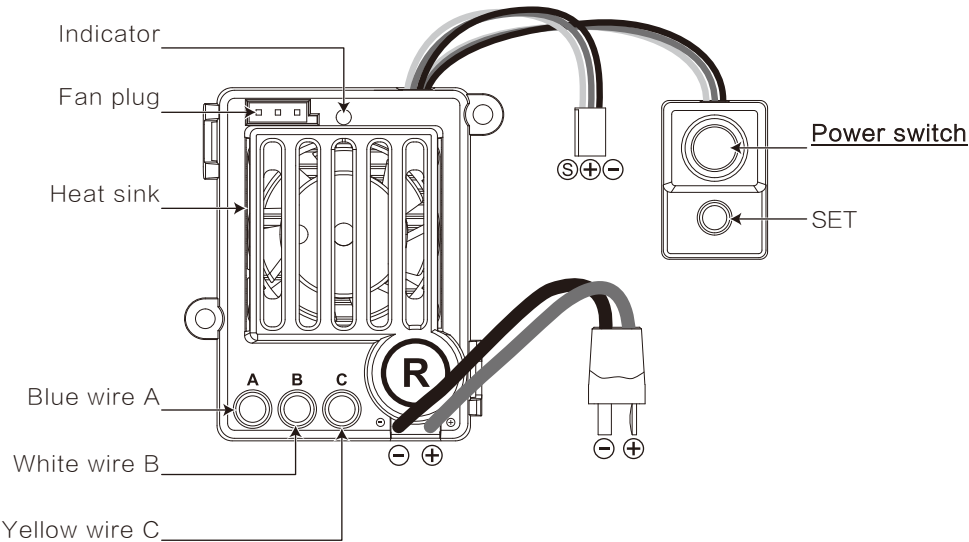
R30 Receiver



Warning: Please make sure the connection is correct.

E50R Brushless ESC

 Please Do Not forcible/reversely insert all sockets.



Indicator light situation	Meanings
Stays on	Signaled
Flash quickly	a. No signal b. Pull the trigger
Flash slowly	Low voltage
Flash twice	Over heat protection
Off	Stuck protection

Set the throttle range (Transmitter calibration)

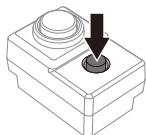
When replacing the transmitter with a new one, it is recommended to reset the throttle range, otherwise the ESC may become inoperable or abnormal.

ESC enters “the throttle range” state:

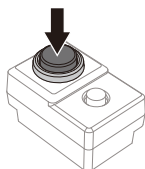
1. Turn on the transmitter, adjust the throttle trim to the middle position, and keep the status of “D/R”, “EPA”, “ATL” and other parameters of the throttle channel of the transmitter at 100%;
2. The ESC is connected to the battery, but in the off state, keep holding down the **[SET]** state, short press ON/OFF, the LED on the ESC will start to flash, and at the same time, the motor will start to chirp, at this time, you can release the **[SET]** button. The red light on the ESC is in the fast-flashing state, and it has entered “the throttle range” state.

Keep holding down the **[SET]**

Short press ON/OFF

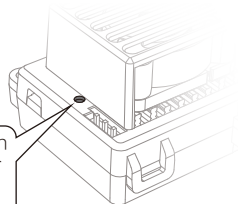


①



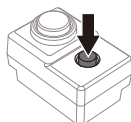
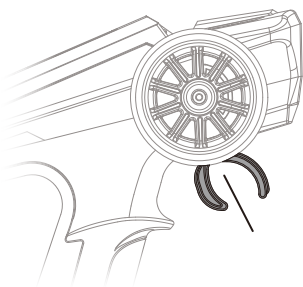
②

Release the button when the indicator light flashes

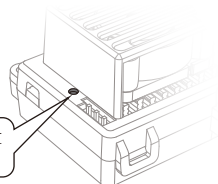


Calibration steps (please follow the order):

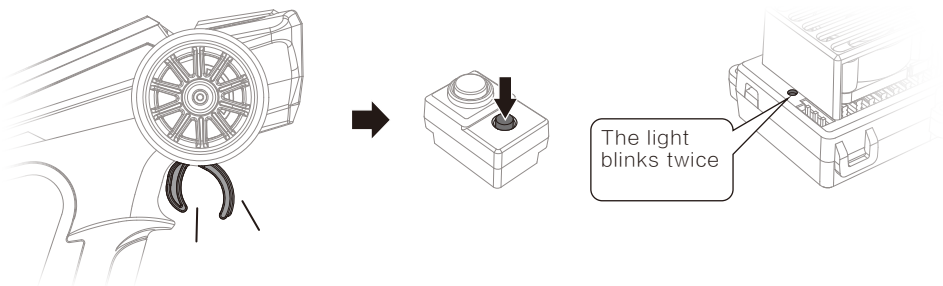
1. Keep the transmitter throttle in the mid-point position, press **[SET]** once, the red light of ESC goes out and the motor “Di”, indicating that the mid-point position has been successfully stored;



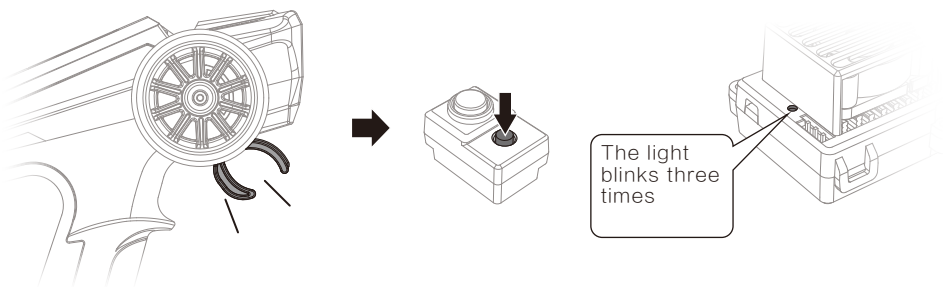
Red light out



2. Keep the throttle of the transmitter in the maximum forward position, press **[SET]** once, the red light of ESC flashes twice and then goes out, the motor “Di.Di”, indicating that the maximum forward position has been successfully stored;



3. Keep the transmitter throttle in the maximum backward position, press **[SET]** once, ESC red light blinks 3 times and then goes out, motor “Di.Di.Di”, indicating that the maximum backward position has been successfully stored.



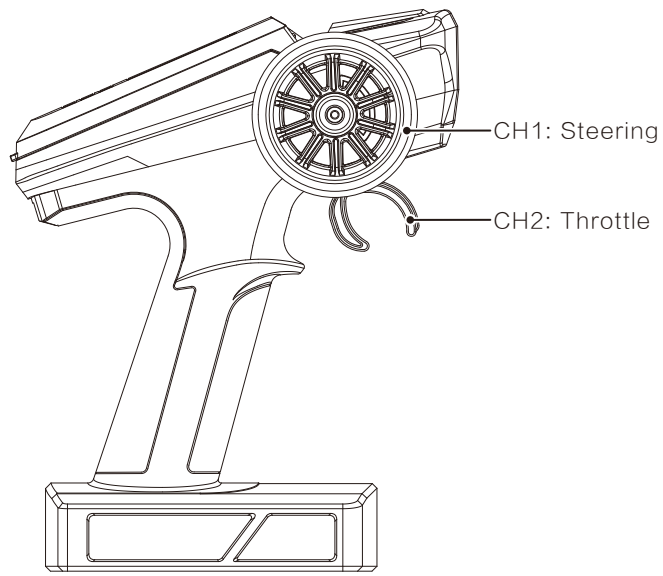
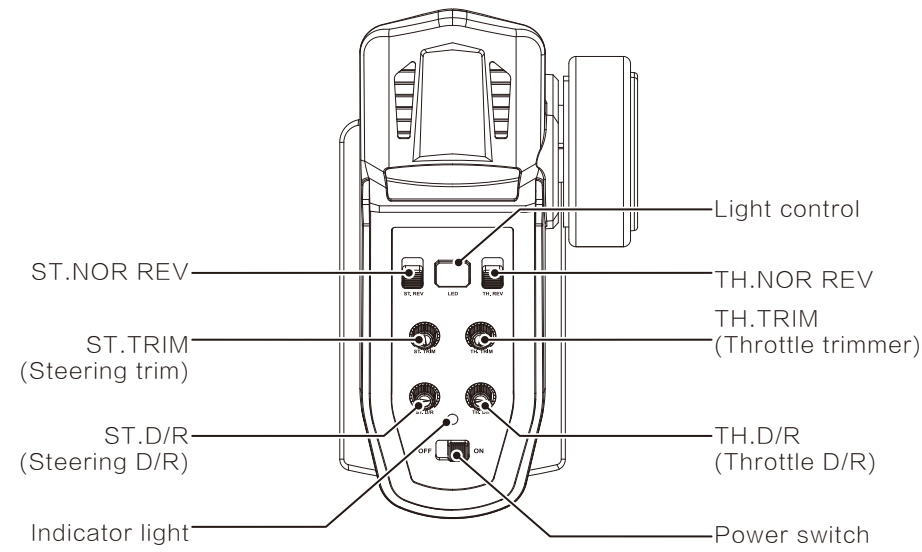
After completing the above three steps, it means the calibration has been completed. When the transmitter throttle returns to the centre position, the ESC can work normally.

It is recommended to perform a throttle travel calibration when starting a new vehicle to get the most accurate experience.

Throttle range back to initial setting

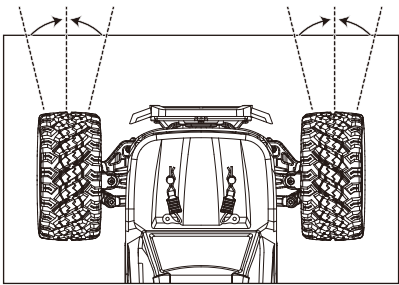
When the ESC is powered on, press and hold **[SET]** for 5 seconds, the motor will emit “Di.Di”, the ESC indicator light will flash twice, and the throttle range will be restored to the initial setting.

T3D Transmitter



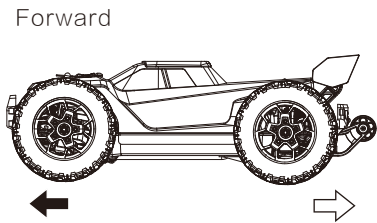
①ST.TRIM (Steering servo trimmer)

If the car cannot go straightly during driving, it can be adjusted through the ST.TRIM.



②TH.TRIM (Throttle trimmer)

If the car can't stop when the TH is in the middle place, you can adjust the button to stop the car.

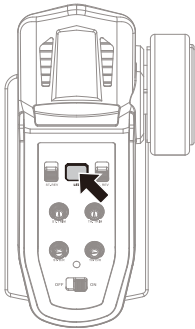


③Indicator light

Stays on	Working well
Flash quickly	Frequency mating
Flash slowly	Low battery of transmitter

④Fn(CH3 Light control)

Short Press the “□” button to turn on/off the light of high speed car.

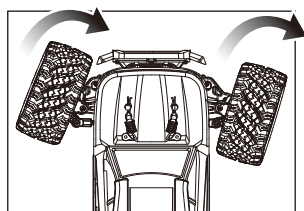
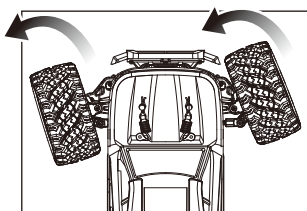
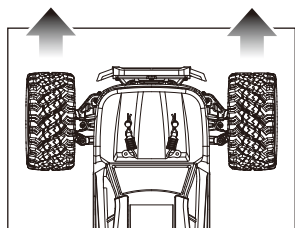
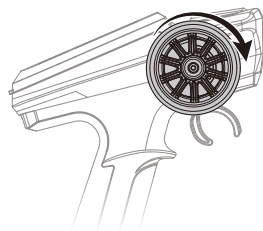
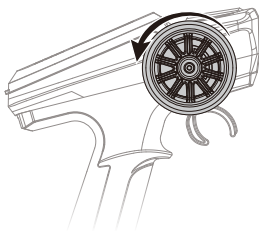
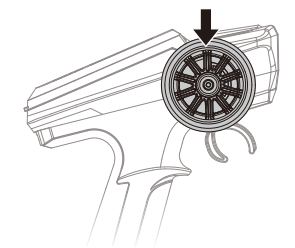


⑤CH1: ST (Steering)

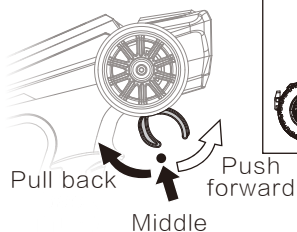
Middle

Turn left

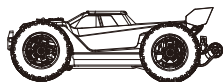
Turn right



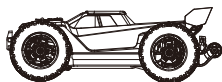
⑥CH2: TH (Throttle)



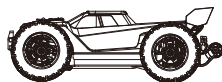
Forward



STOP



Backward

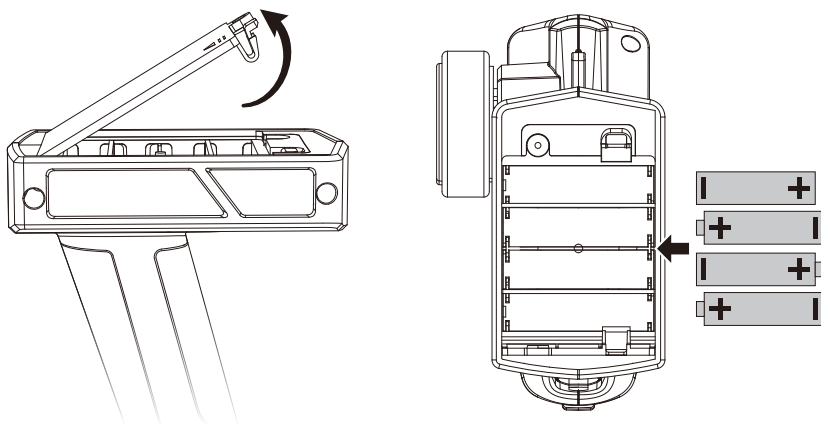


Brake: When the car is going forward, pull the transmitter trigger back, and the car enters into the braking state. After the trigger is in the middle, push back again, and the car can move backward.

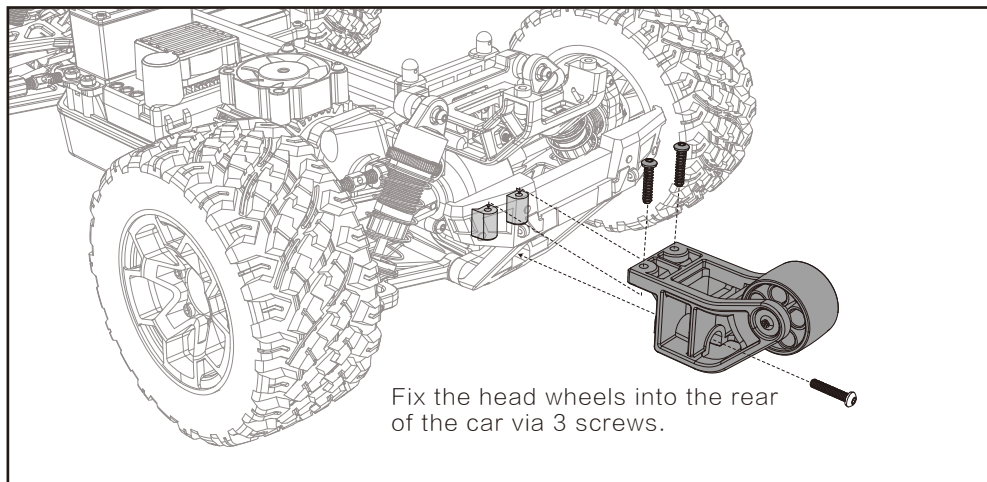
*When the car is in reverse situation, it does not the brake function.

Install the Transmitter's Battery

Open the transmitter's battery cover, insert 4 AA batteries according to the indicated positive and negative direction, close the battery cover.

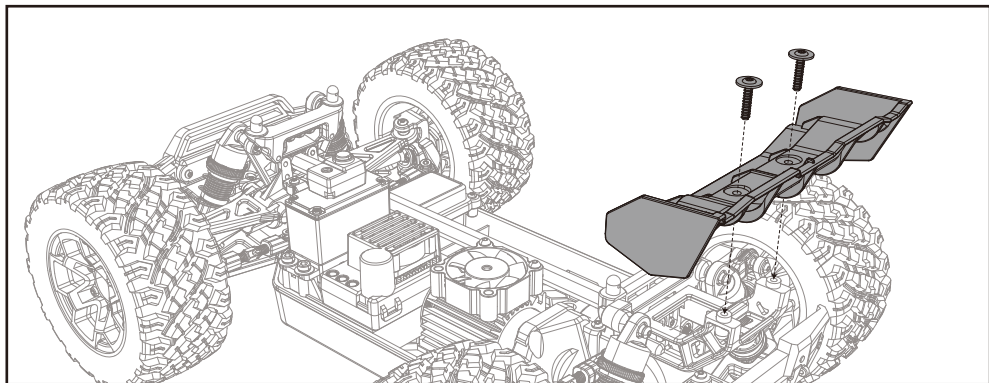


Install the Head Wheels



Install the Tail

Install the tail to the body, lock with 2 screws.



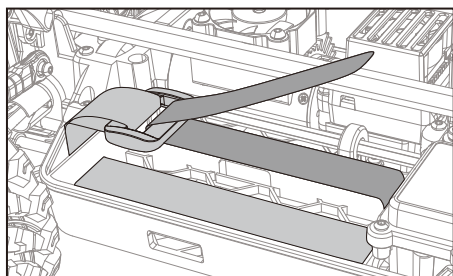
Install the Battery

①Unlock the fixing tape;

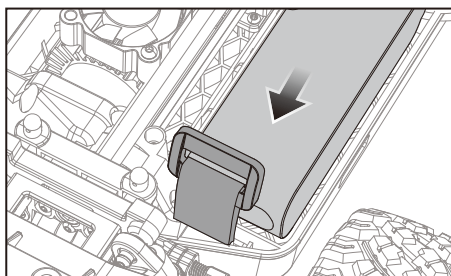
②Insert the battery into the battery box, make sure it's in place;

③Tighten the battery with the fixing tape;

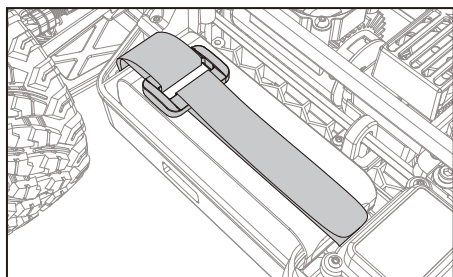
④Connect the receiver plug to the battery.



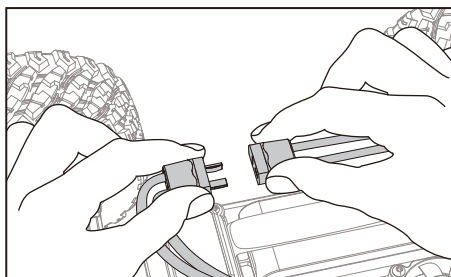
①



②



③



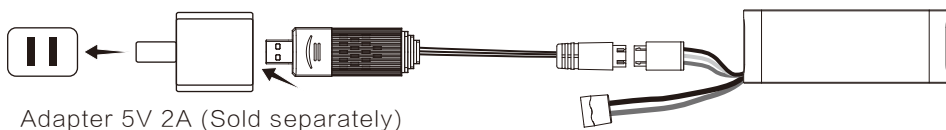
④

Charge

If charging with a 5V 2A USB adapter.

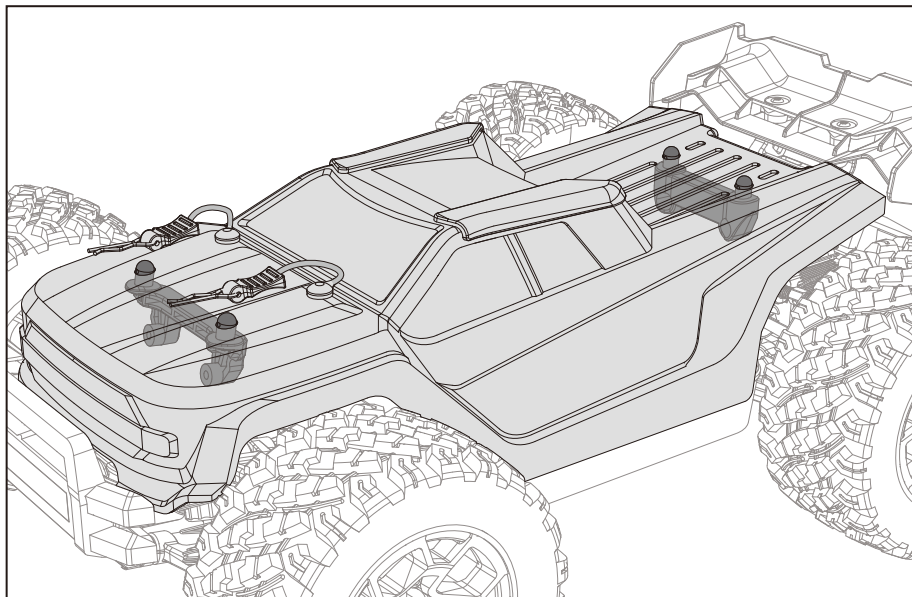
- When charging, the indicator light of charger is green and flashes;
- When the battery is fully charged, the green indicator light of the charger stays on.

*The above charging time data is based on the test result of 5V 2A adapter. Using different specifications of adapters or power supply equipment will affect the actual charging time. It is recommended to use a 5V 2A adapter for charging.

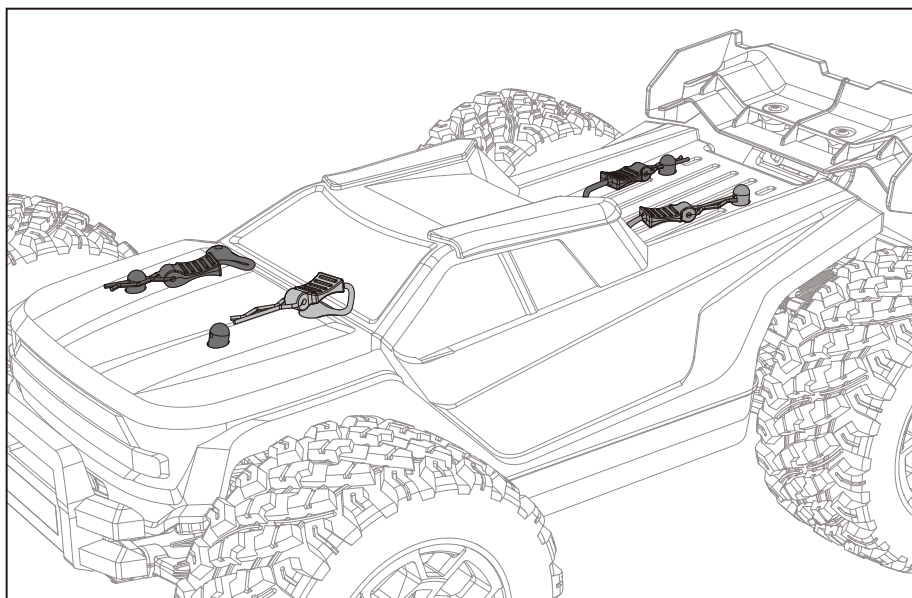


Install Car Shell

1. Aline the 4 holes of the car shell with holders, then install it.

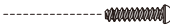


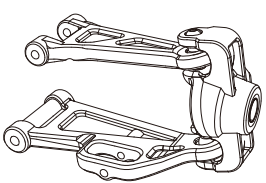
2. Insert the 4 clips into the holes to lock the car body.



Front Swing Set

Screw :
HTB2612 Ø2.6x12mm 2PCS
Screws



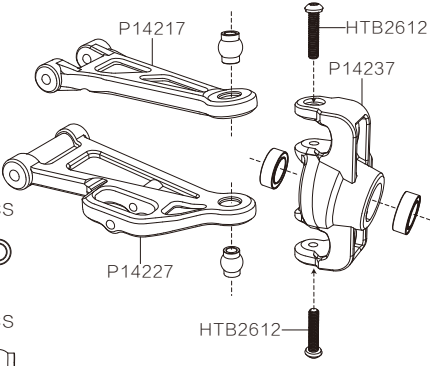


Bearing :
R168Z
Ball bearing 2PCS



Pivot balls :
Q1601 2PCS
Steering pivot balls

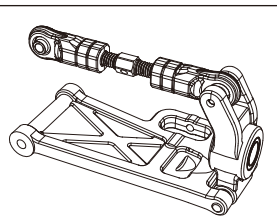




Rear Swing Set

Screw :
HTM2516 Ø2.5x16mm 1PCS
Screws





Bearing :
R168Z
Ball bearing 2PCS

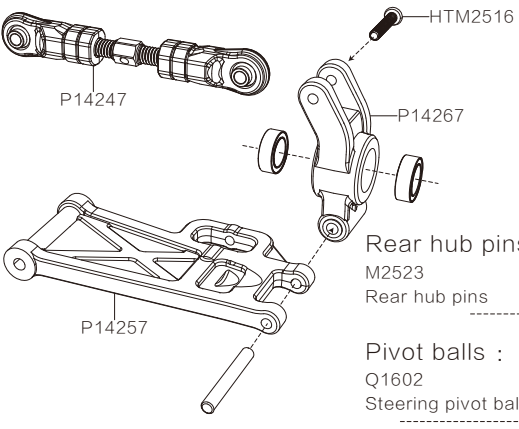


Rear hub pins :
M2523 1PCS
Rear hub pins



Pivot balls :
Q1602 1PCS
Steering pivot balls





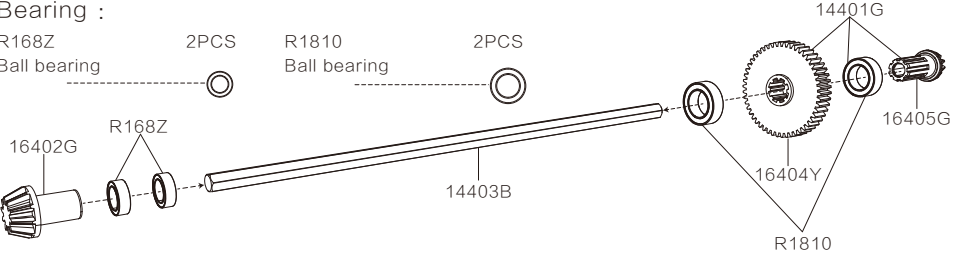
14400G Metal Gears Main Driving Set

Bearing :
R168Z 2PCS
Ball bearing



R1810 2PCS
Ball bearing





14400G



P1417Q



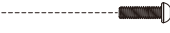
Ø8xØ5x2.5mm

B2852D & P14397 Motor Assembly

Screw :

HTM3010 Ø3x10mm 2PCS

Screws



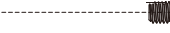
HTM3015 Ø3x15mm 2PCS

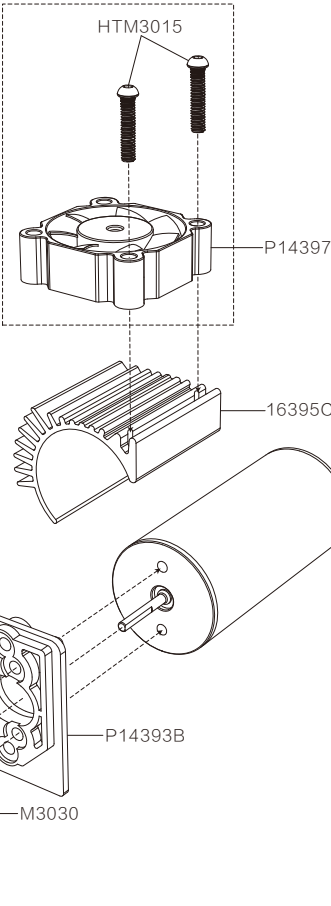
Screws

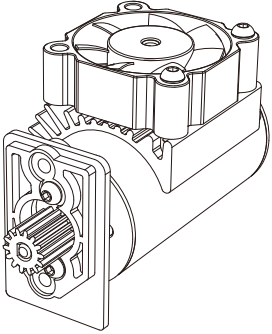


M3030 Ø3x3mm 1PCS

Hexagon socket machine screw







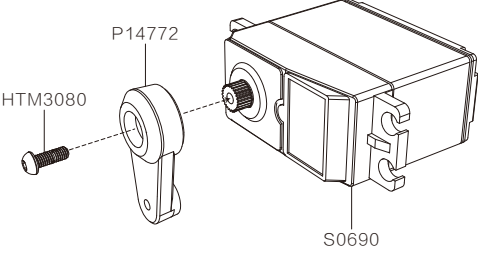
P14707 Servo Assembly

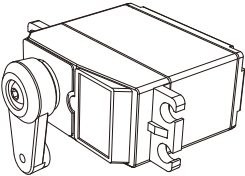
Screw :

HTM3080 Ø3x8mm 1PCS

Screws







P144307 Steering Assembly

Screw :
HTM2512G Ø2.5x12mm 2PCS
Screws

HTHM2583 Ø2.5x8mm 2PCS
Screws

P144317

HTM2512G

14432C

HTHM2583

P144307

P14517/P14507 Oil Filled Shock

Add shock oil

Shock absorbers adjuster

Spin the suspension adjuster to adjust the shock absorbers' strength.

P14517

P14507

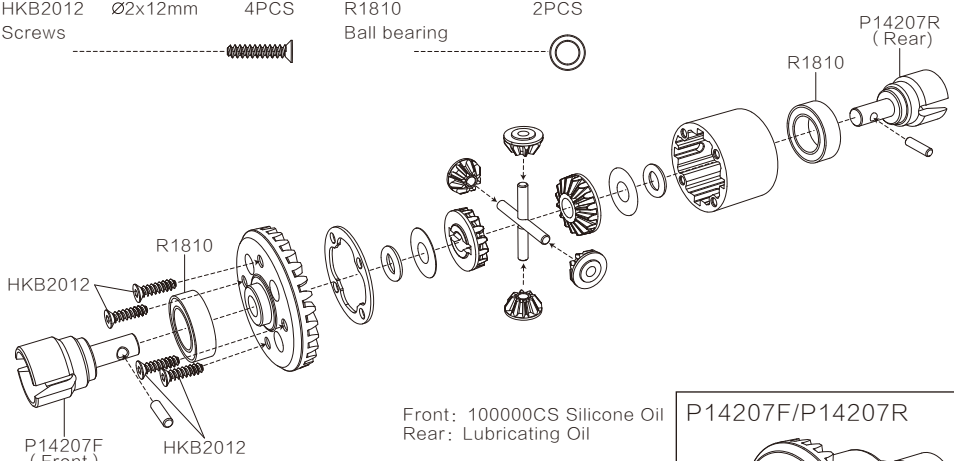
P14207F/P14207R Front/Rear Gears Diff Assembly

Screw :
HKB2012 Ø2x12mm 4PCS
Screws

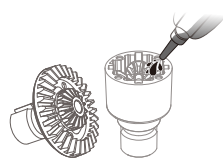


Bearing :
R1810 2PCS
Ball bearing

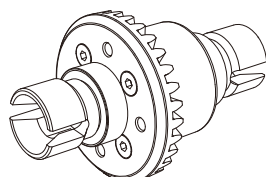




Front: 100000CS Silicone Oil
Rear: Lubricating Oil



P14207F/P14207R

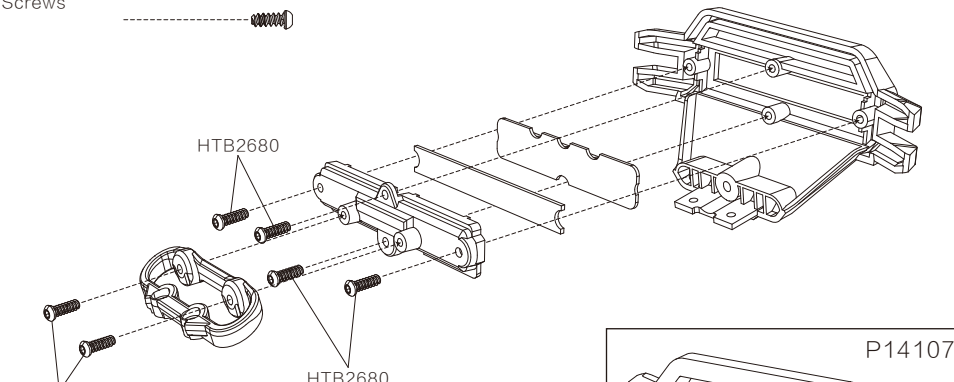


Front: Silver
Rear: Black

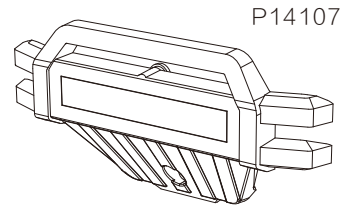
P14107 Front Bumper Assembly

Screw :
HTB2680 Ø2.6x8mm 6PCS
Screws





P14107



High Speed Car Assemble

HTM3080

HMM2580G

HTB2610

P14157

P14707

HTB2612

P14197

HTB2680

P14277

14400G

P1417Q

HTB2680

P144307

HTB2612

HTM2512G

HHTB2615

M25529

P14278

P14327

P14007

B2852D & P14397

HTB2612

HMM2580G

HTB2612

Screw :

HTB2612	Ø2.6x12mm	12PCS
Screws		
HTB2610	Ø2.6x10mm	2PCS
Screws		
HTB2680	Ø2.6x8mm	6PCS
Screws		
HMM2580G	Ø2.5x8mm	4PCS
Screws		
HHTB2615	Ø2.6x15mm	1PCS
Screws		
HTM2512G	Ø2.5x12mm	1PCS
Screws		
HTM3080	Ø3x8mm	4PCS
Screws		

High Speed Car Assemble

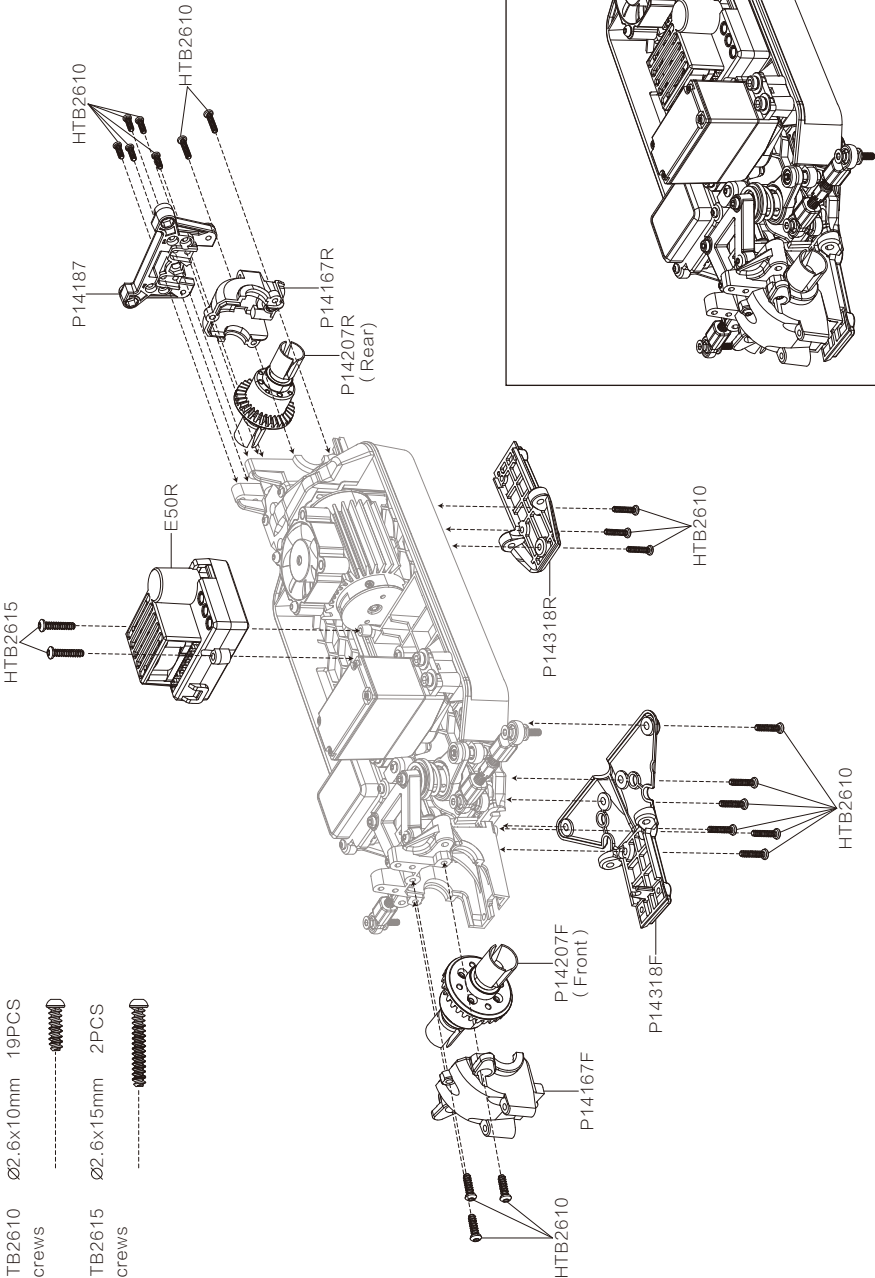
Screw :

HTB2610 $\varnothing 2.6 \times 10 \text{mm}$ 19PCS

Screws 

HTB2615 $\varnothing 2.6 \times 15 \text{mm}$ 2PCS

Screws 



High Speed Car Assemble

Screw :

HTB2610 $\varnothing 2.6 \times 10 \text{mm}$ 4PCS

Screws

HHM4012 $\varnothing 4 \times 12 \text{mm}$ 2PCS

Screws

HTM2514G $\varnothing 2.5 \times 14 \text{mm}$ 1PCS

Screws

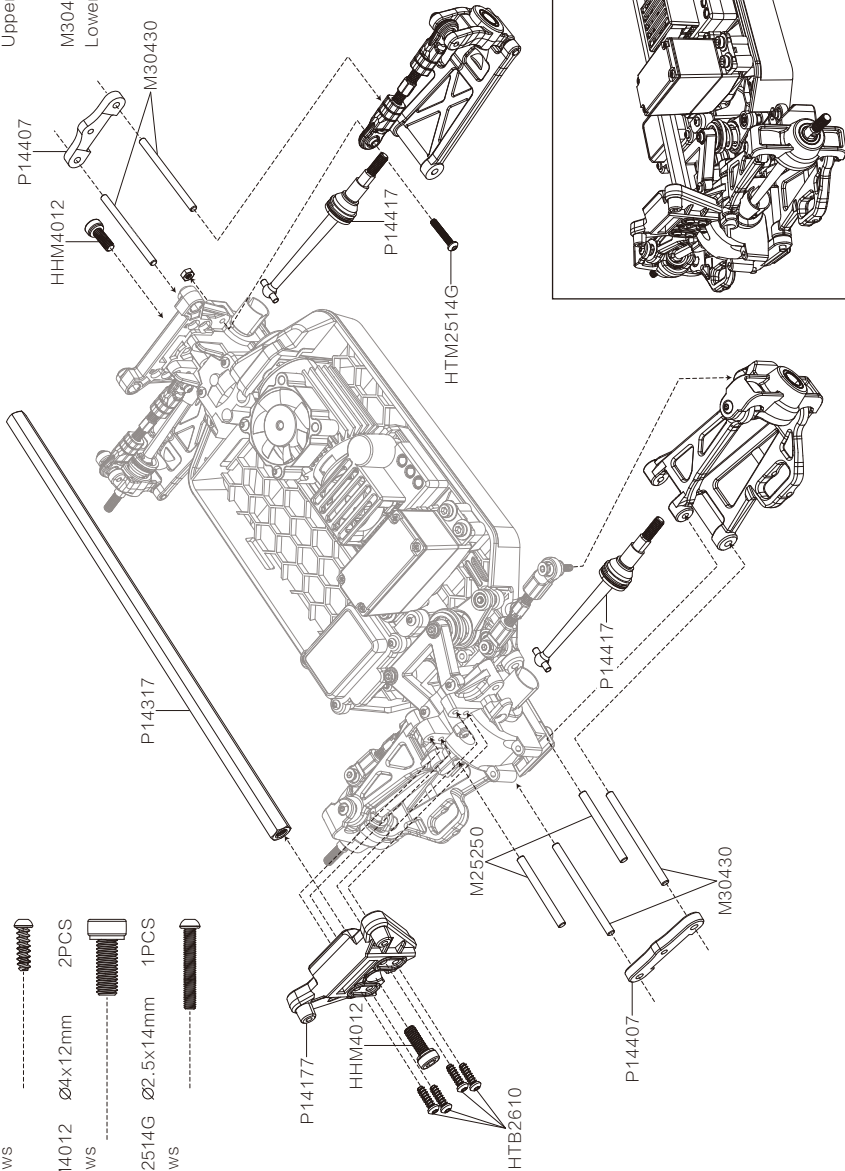
Iron shaft :

M25250 2PCS

Upper swing arm fixed shaft

M30430 4PCS

Lower swing arm fixed shaft



High Speed Car Assemble

Screw :

HTB2615 Ø2.6x15mm 4PCS

Screws



HTB2612 Ø2.6x12mm 2PCS

Screws



HTM2516 Ø2.5x16mm 2PCS

Screws



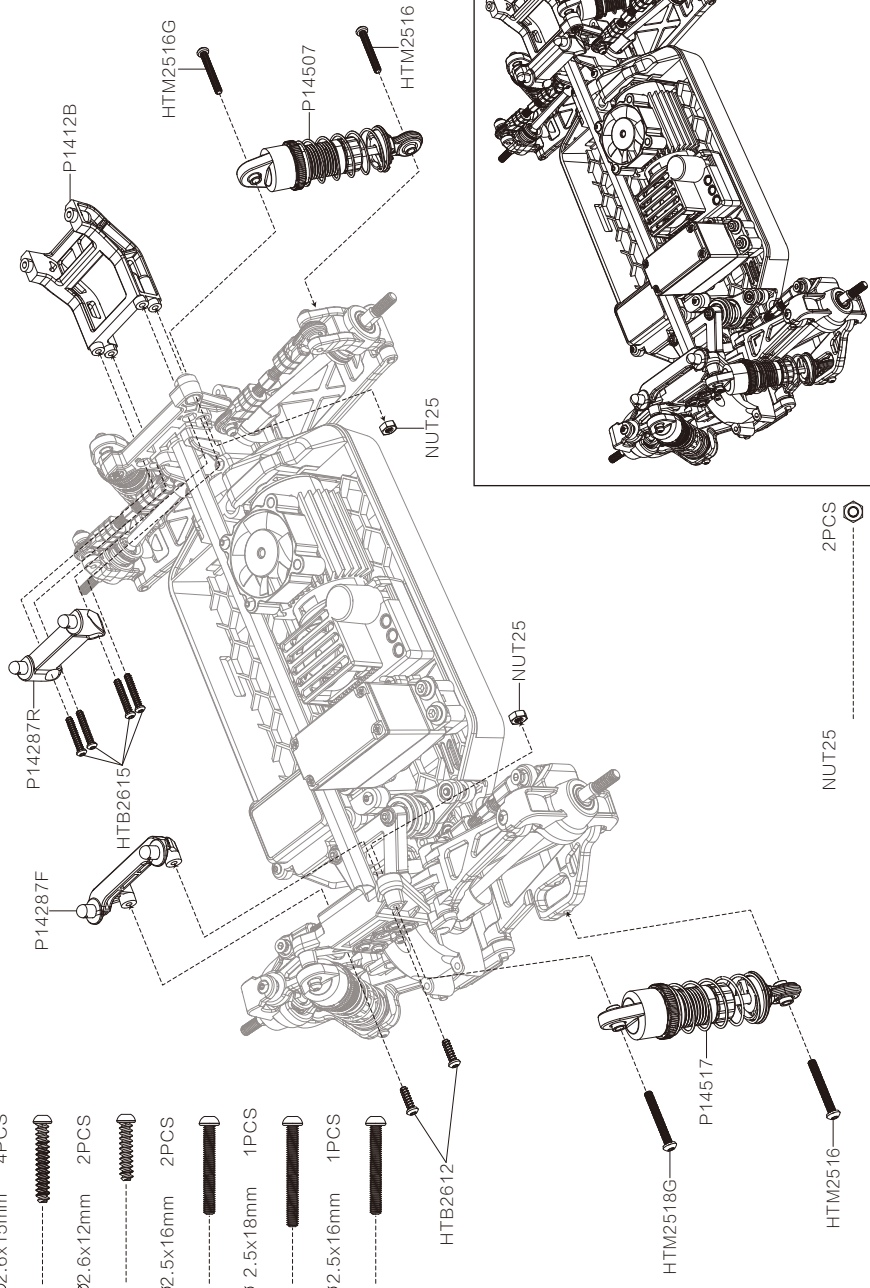
HTM2518G Ø 2.5x18mm 1PCS

Screws



HTM2516G Ø2.5x16mm 1PCS

Screws



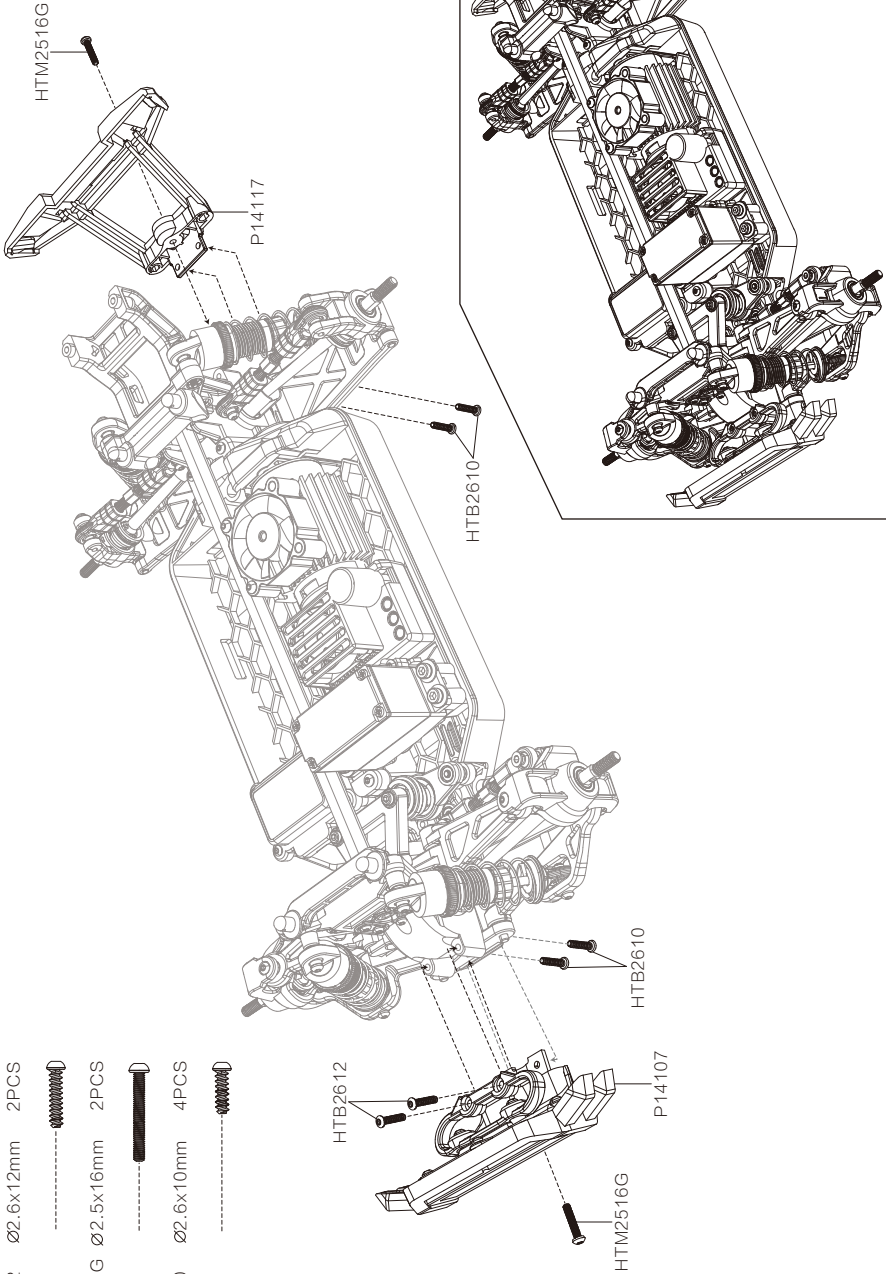
NUT25 2PCS



High Speed Car Assemble

Screw :

- | | | |
|----------|---|------|
| HTB2612 | Ø2.6x12mm | 2PCS |
| Screws |  | |
| HTM2516G | Ø2.5x16mm | 2PCS |
| Screws |  | |
| HTB2610 | Ø2.6x10mm | 4PCS |
| Screws |  | |



High Speed Car Assemble

Nut :

M40 1PCS (4PCS)

M4 Wheel lock nut

