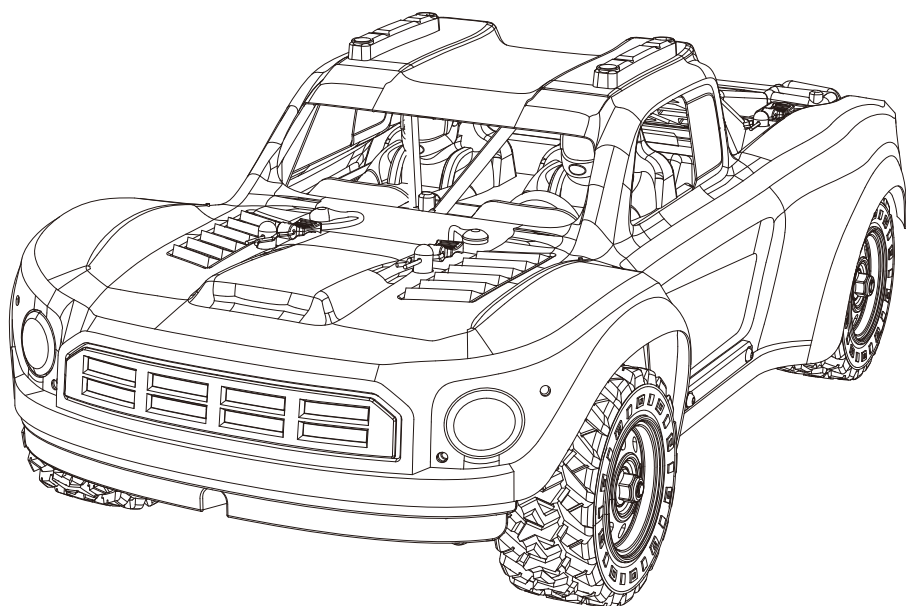


HYPER GO

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 safely 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.

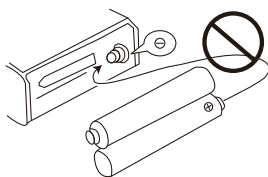
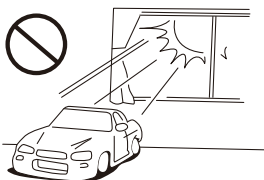
In order to operate the car safely. Be sure that you have observed the following points:



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

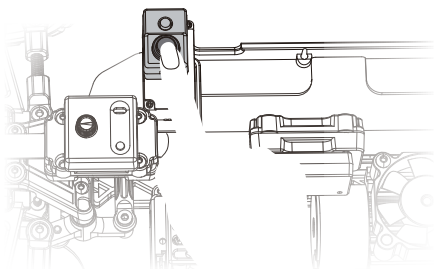
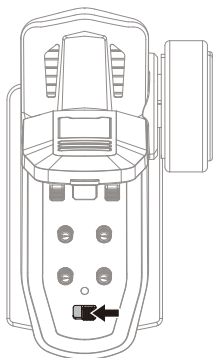
 Do NOT operate the model in the following places and situations. (Non-observance may lead to accident!)

- 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

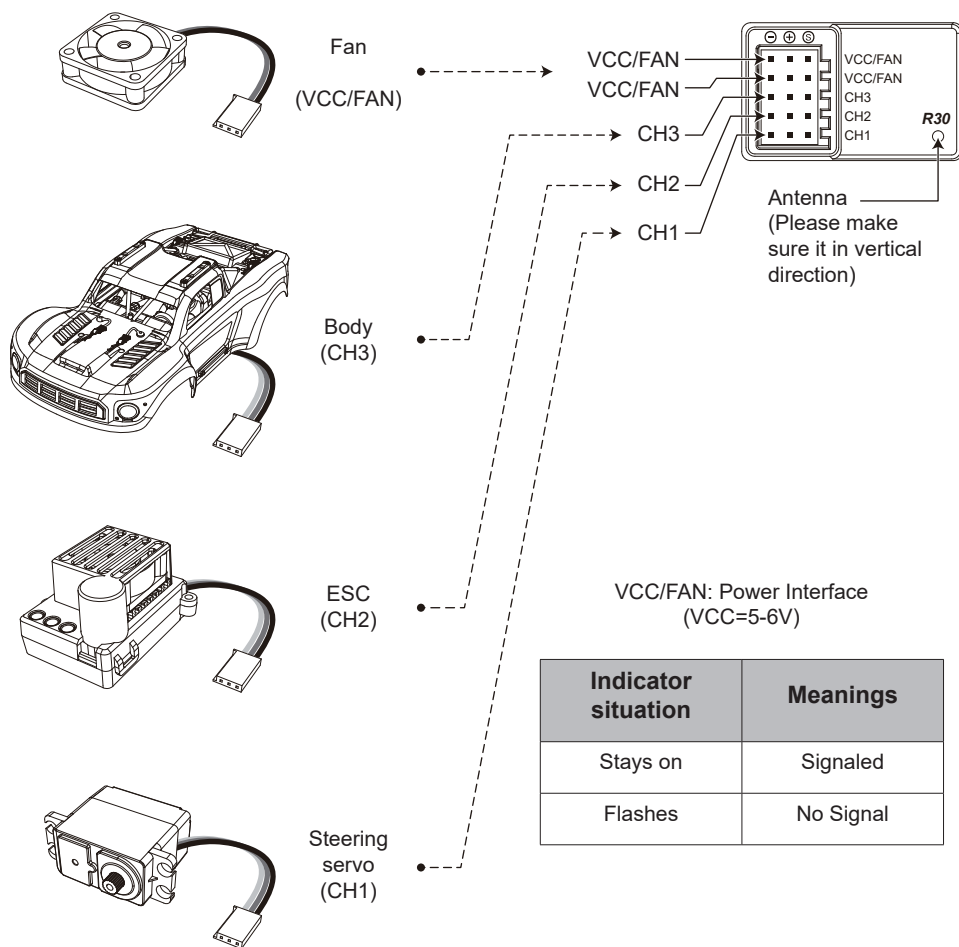
1. Turn on the power switch of the transmitter, the signal indicator light of transmitter flashes.
2. Press the power button of high speed car, the indicator light of high speed car flashes.
3. When the indicator light stays on, the high speed car can be operated to play.





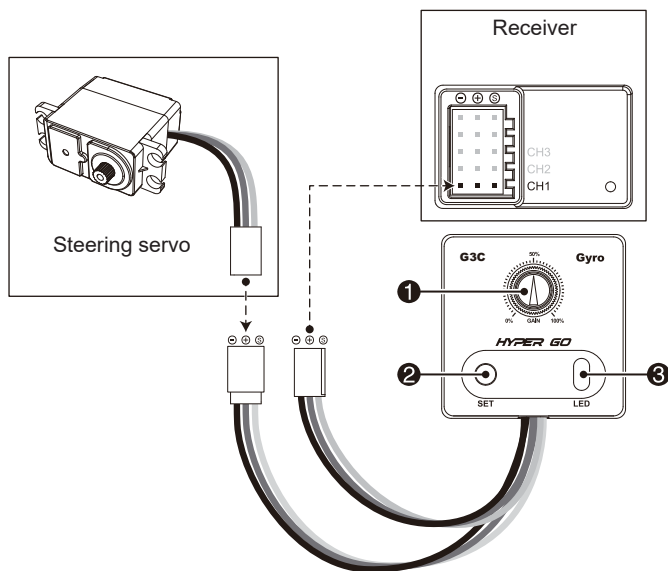
- When turn on the transmitter, please DO NOT touch the throttle and steering. After turn on the transmitter's power, please operate after the indicator light of transmitter staying on.
- Please comply the principle of "turn on the transmitter firstly, then turn on the high speed car".
- In the frequency 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.

G3C Gryo



① GAIN

Spin the knob from the left to right, the gyro intervention gains value 0-100%.

② SET

1-Reverse/Normal Switching

When the power on, long press the [SET] 3 seconds, the LED from red to green or from the green to red, it means the switch is successful. (Red LED is on for Normal, Green LED is for Reverse)



The default direction of servo is Reverse. If not modified, please keep the red constant LED light as normal state.

2-EPA (End point adjustment)



Before setting, please make sure the gyro direction is the same as the direction of vehicle steering.

- Before power on, press and hold [SET], then turn on the vehicle power (please release [SET] ASAP after turning on the power, if more than 5 seconds, it will restore the factory setting), LED red flashing, it enters into the EPA setting.
- Rotate the remote control rudder, turn the rudder to the desired position (to the left or right), keep the current state, short press [SET] then the green LED flashing, it completes the single-side EPA setting.

- c. Rotate the remote control direction rudder to turn the servo to the desired position in another direction and keep the current state, short press [SET] and the red and green LEDs will flash (about 2 seconds). When the LEDs will be on, the EPA setting is finished.

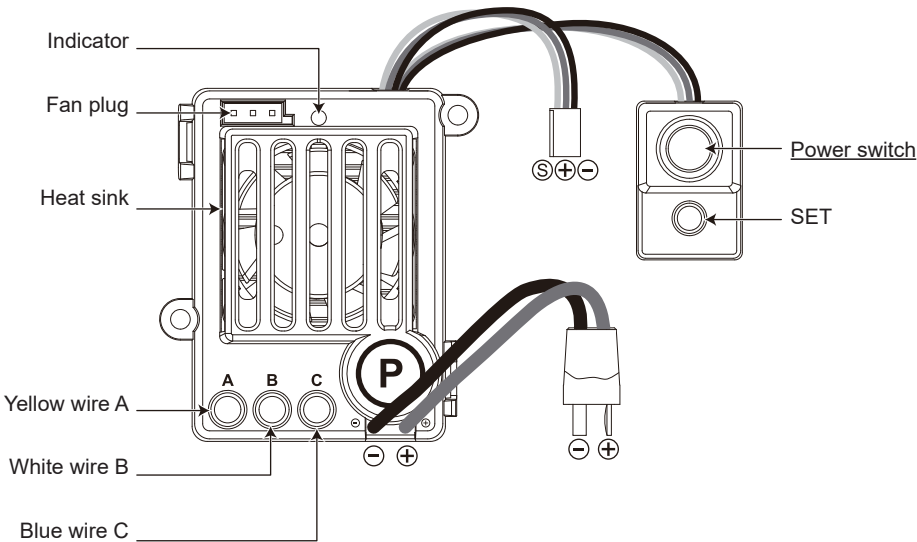
* Restore factory setting: Before power on, press the [SET], then hold for 5 seconds after power on, the red LED and green LED will flash at the same time, then return to default setting (default 1100us-1900us).

③ LED status

LED	Status 状态
Power on fast flashing	Gyro initialization (time about 2 seconds).
Slow flashing	No Transmitter signal.
Red on	Working, gyro direction is Reverse.
Green on	Working, gyro direction is Normal.
Fast Flashing	In EPA Setting.

E45P 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)

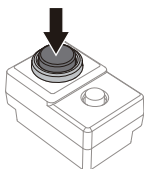
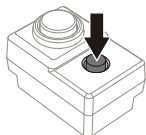
When replacing the transmitter with a new one, it is recommended to reset the throttle range, otherwise the ESC may become inoperable or abnormal.

ESC enters “the throttle range” state:

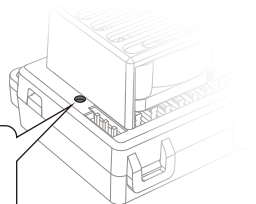
1. Turn on the transmitter, adjust the throttle trim to the middle position, and keep the status of “D/R”, “EPA”, “ATL” and other parameters of the throttle channel of the transmitter at 100%;
2. The ESC is connected to the battery, but in the off state, keep holding down the [SET] state, short press 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

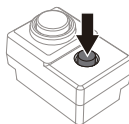
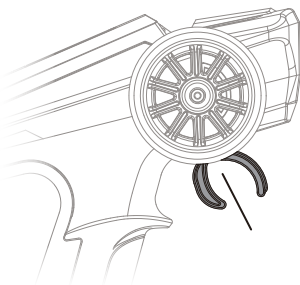


Release the button
when the indicator
light flashes

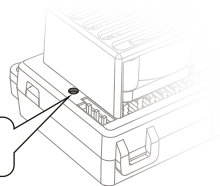


Calibration steps (please follow the order):

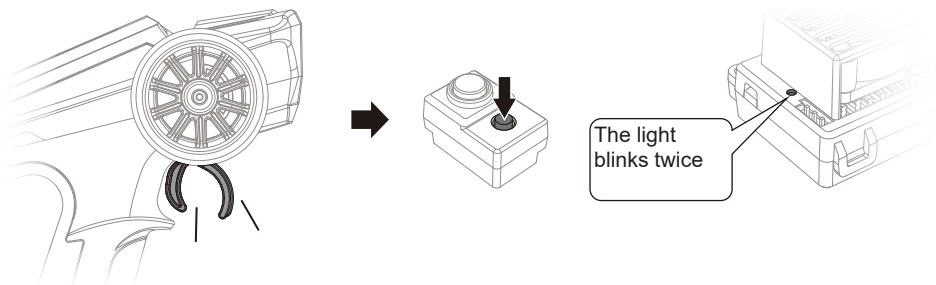
1. Keep the transmitter throttle in the mid-point position, press [SET] once, the red light of ESC goes out and the motor “Di”, indicating that the mid-point position has been successfully stored;



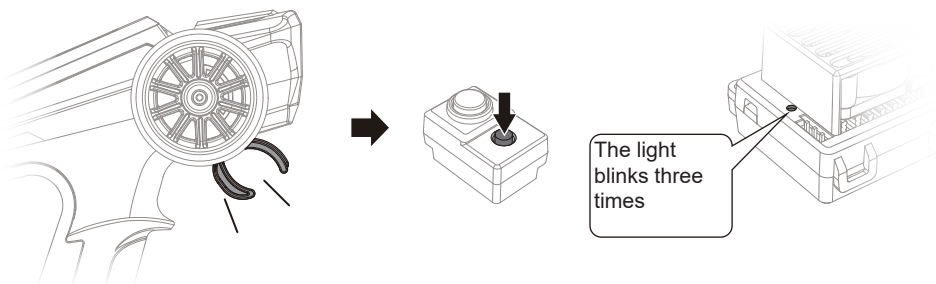
Red light out



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.



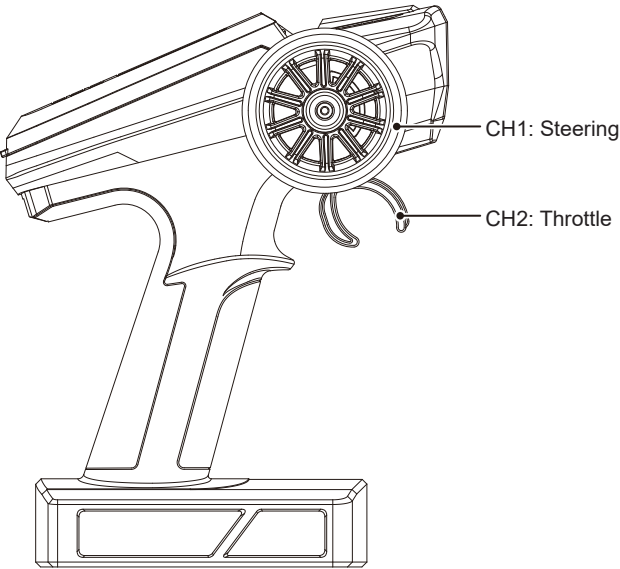
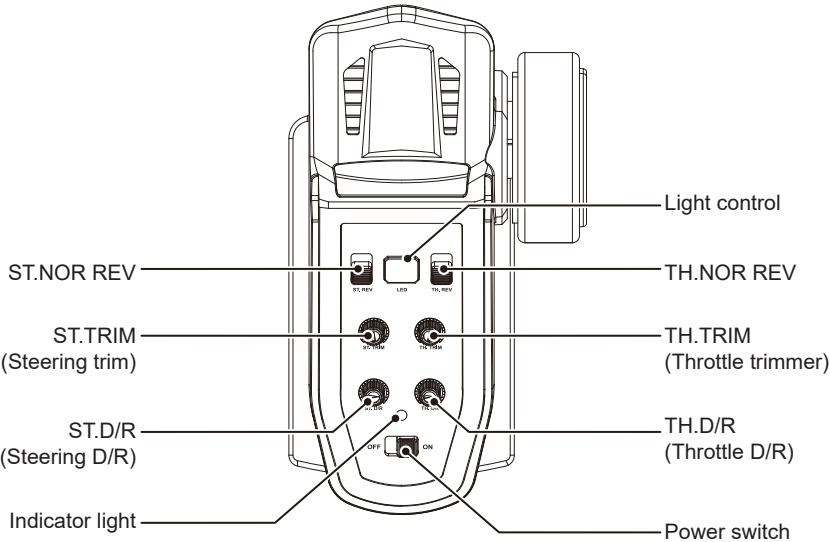
After completing the above three steps, it means the calibration has been completed. When the transmitter throttle returns to the centre position, the ESC can work normally.

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

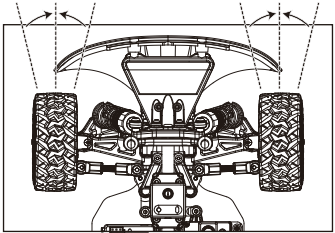
When the ESC is powered on, press and hold [SET] for 5 seconds, the motor will emit “Di.Di”, the ESC indicator light will flash twice, and the throttle range will be restored to the initial setting.

T3D Transmitter



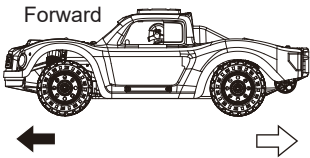
① ST.TRIM (Steering servo trimmer)

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



② TH.TRIM (Throttle trimmer)

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

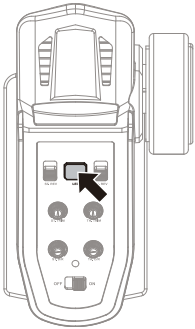


③ Indicator light

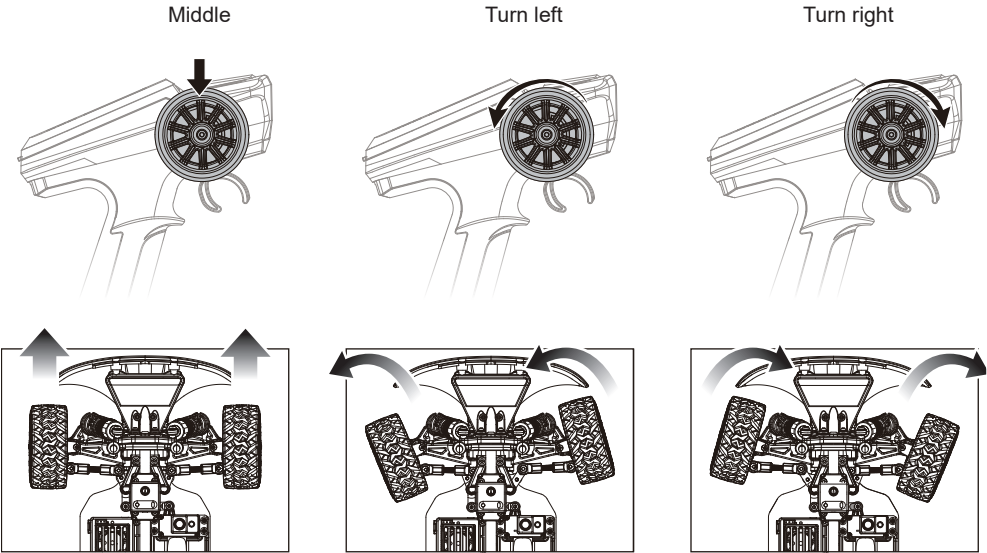
Stays on	Working well
Flash quickly	Frequency mating
Flash slowly	Low battery of transmitter

④ Fn(CH3 Light control)

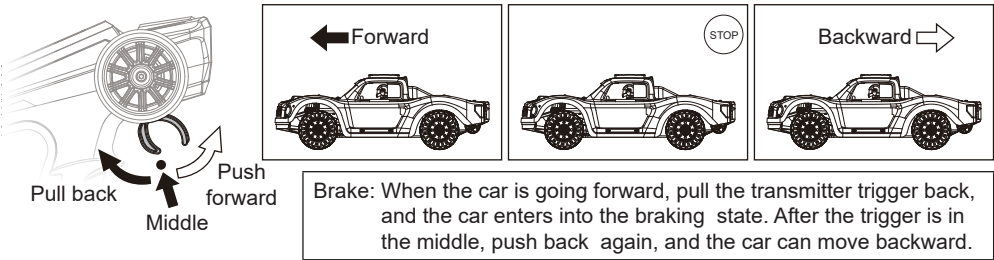
Short Press the “□” button to turn on/off the light of high speed car.



⑤ CH1: ST (Steering)



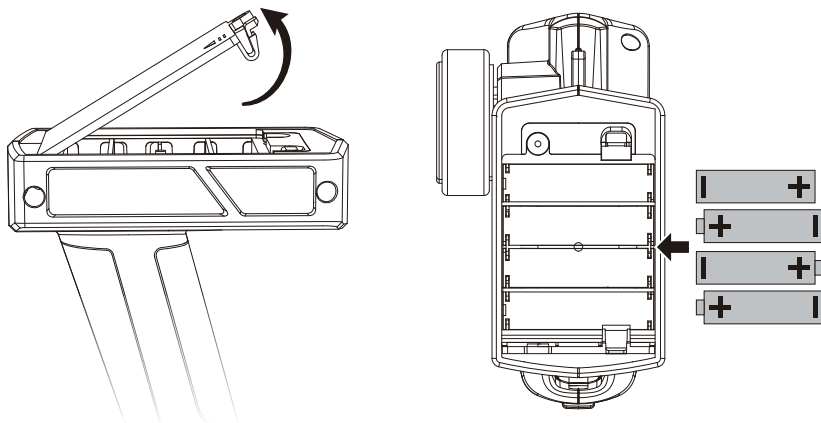
⑥ CH2: TH (Throttle)



*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.

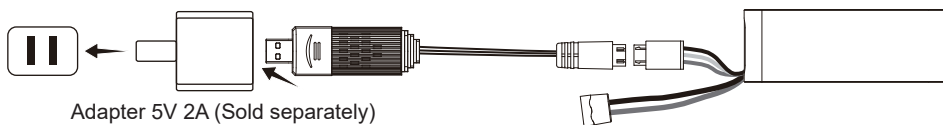


Charge

If charging with a 5V 2A USB adapter.

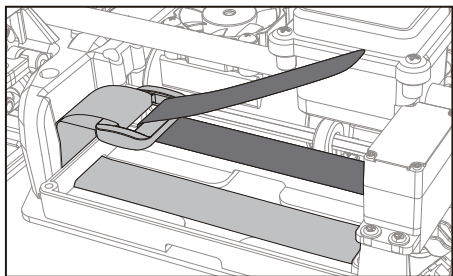
- When charging, the indicator light of charger is green and flashes;
- When the battery is fully charged, the green indicator light of the charger stays on.

*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.

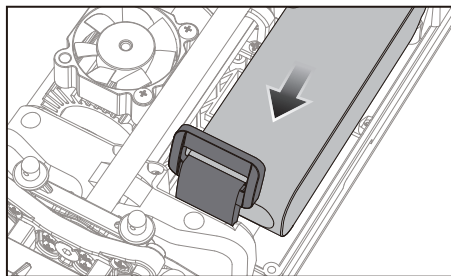


Install the Battery

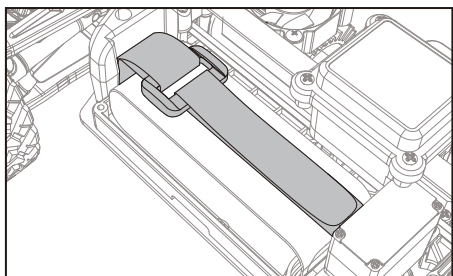
- ① Unlock the fixing tape;
- ② Insert the battery into the battery box, make sure it's in place;
- ③ Tighten the battery with the fixing tape;
- ④ Connect the receiver plug to the battery.



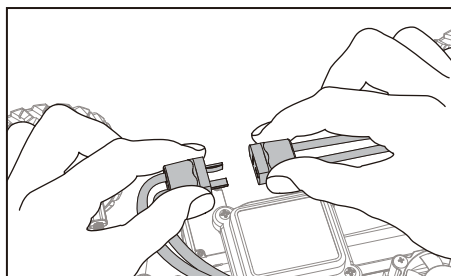
①



②



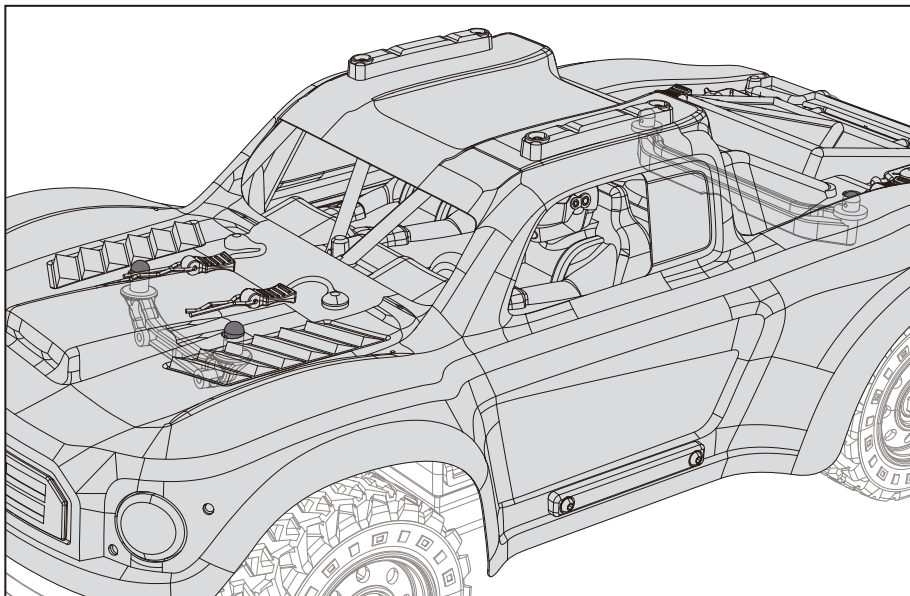
③



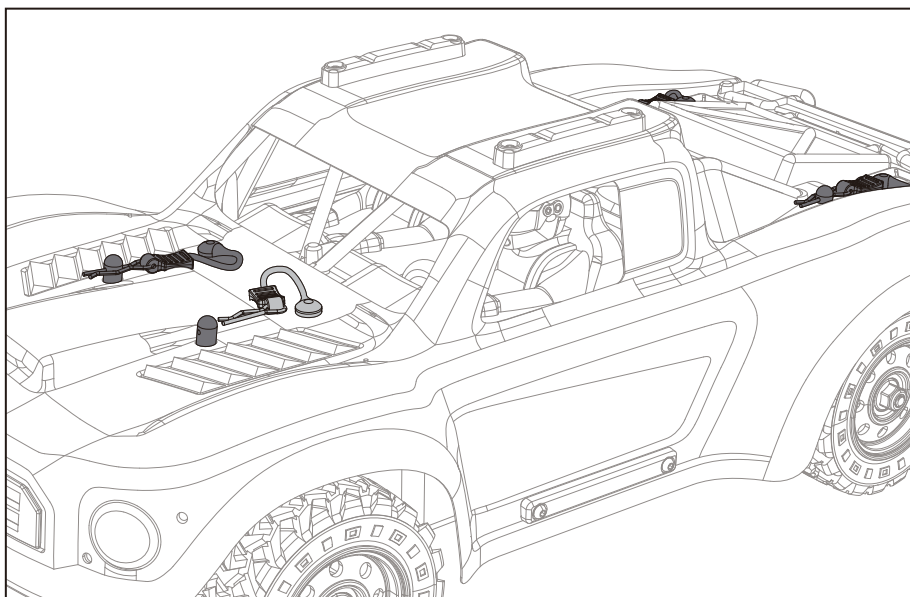
④

Install Car Shell

1. Align 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.



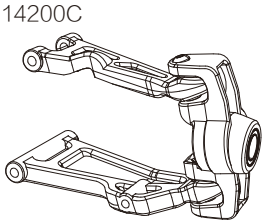
14200C Front Swing Set

Screw:

HTM2514
Screws

Ø2.5x14mm

2PCS



14200C

Bearing:

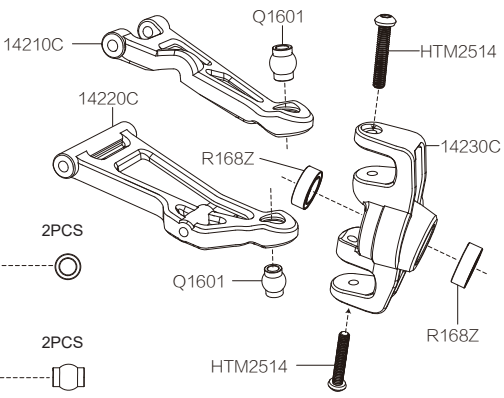
R168Z
Ball bearing

2PCS

Pivot balls:

Q1601
Steering pivot balls

2PCS



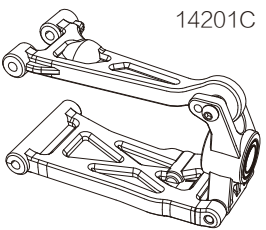
14201C Rear Swing Set

Screw:

HTM2512
Screws

Ø2.5x12mm

1PCS

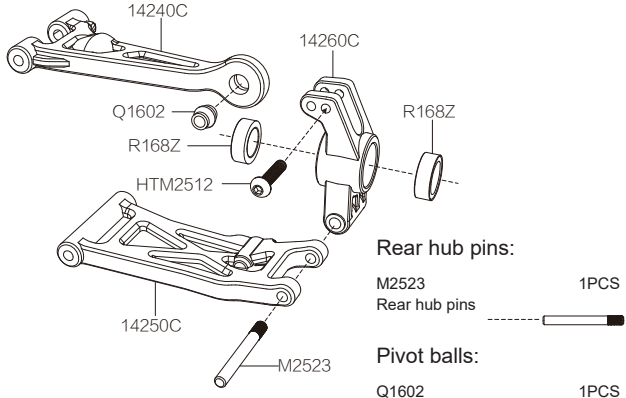


14201C

Bearing:

R168Z
Ball bearing

2PCS



Rear hub pins:

M2523
Rear hub pins

1PCS

Pivot balls:

Q1602
Steering pivot balls

1PCS

14400Y Metal Gears Main Driving Set

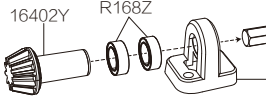
Bearing:

R168Z
Ball bearing

2PCS

R1810
Ball bearing

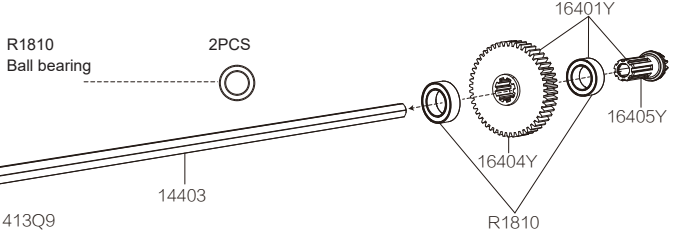
2PCS

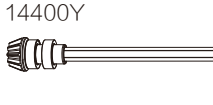


16402Y

R168Z

1413Q9





14400Y



1413Q9

Ø8xØ5x2.5mm

14420C Diff Assembly

Screw:

HKB2012 Ø2x12mm 4PCS

Screws

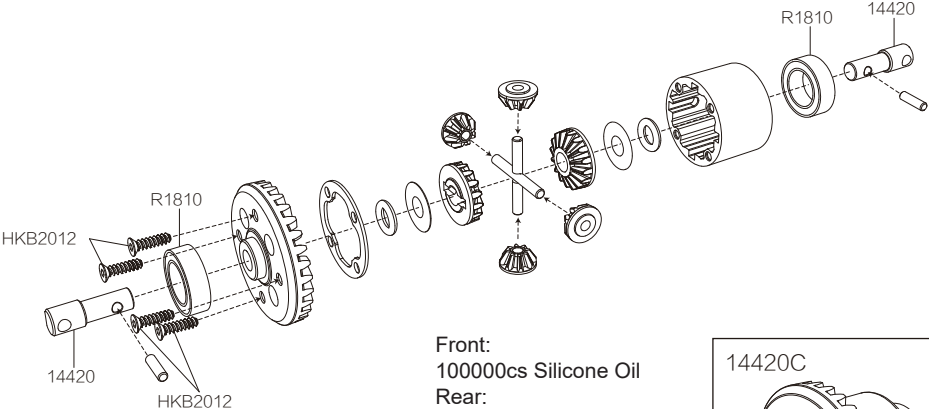


Bearing:

R1810 2PCS

Ball bearing



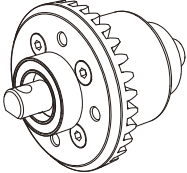


Labels in diagram: HKB2012, R1810, 14420, HKB2012

Front:
100000cs Silicone Oil
Rear:
lubricant



14420C



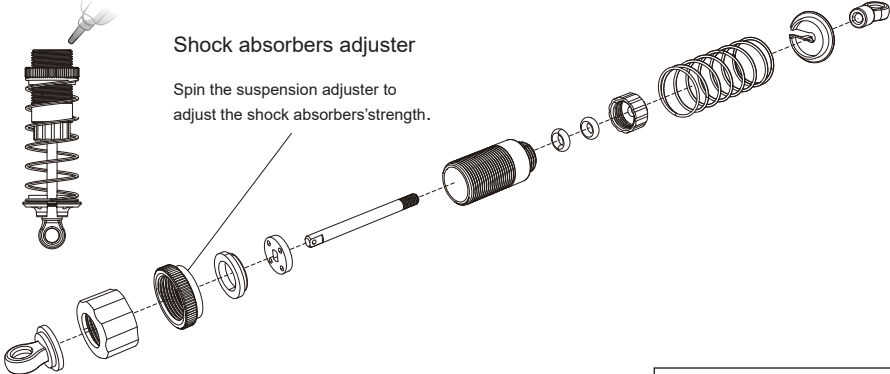
14510C Oil Filled Shock

Add shock oil

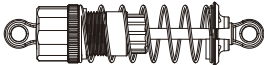


Shock absorbers adjuster

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



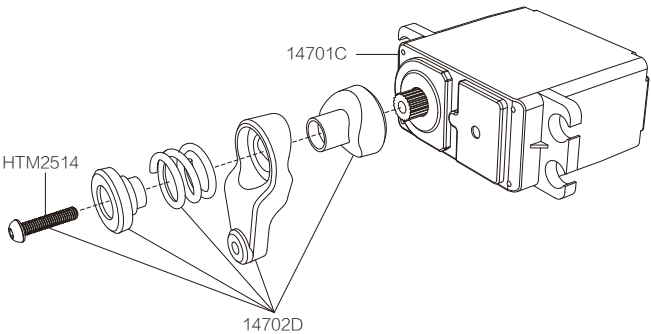
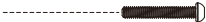
14510C



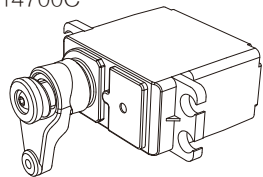
14700C Servo Assembly

Screw:

HTM2514 Ø2.5x14mm 1PCS
Screws



14700C



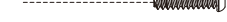
14430D Steering Assembly

Screw:

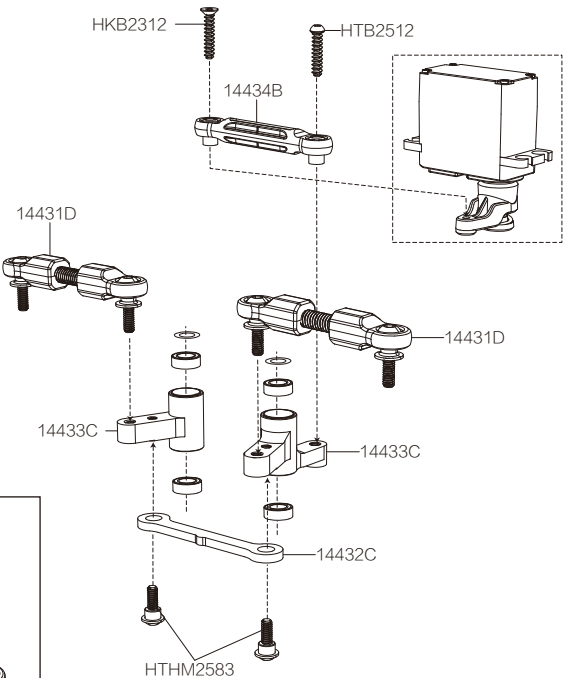
HKB2312 Ø2.3x12mm 1PCS
Screws



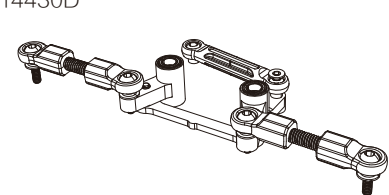
HTB2512 Ø2.5x12mm 1PCS
Screws



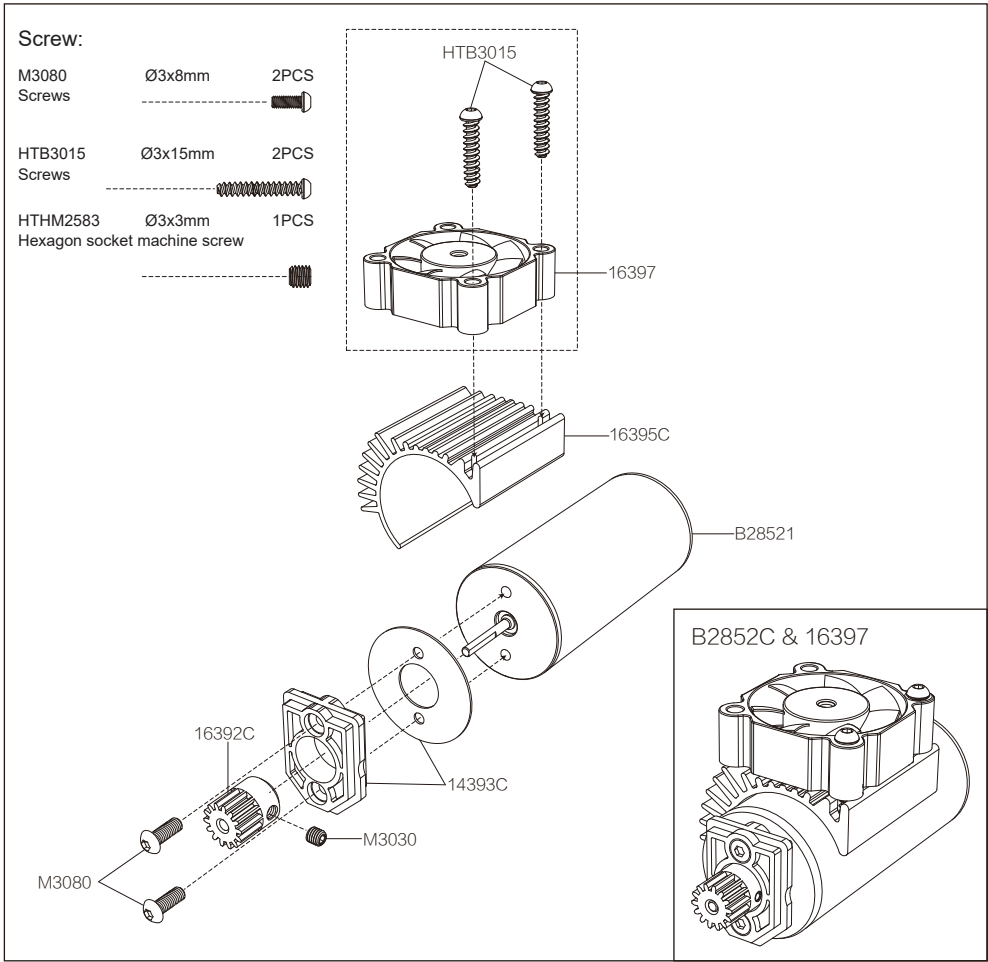
HTHM2583 Ø2x12mm 2PCS
Screws



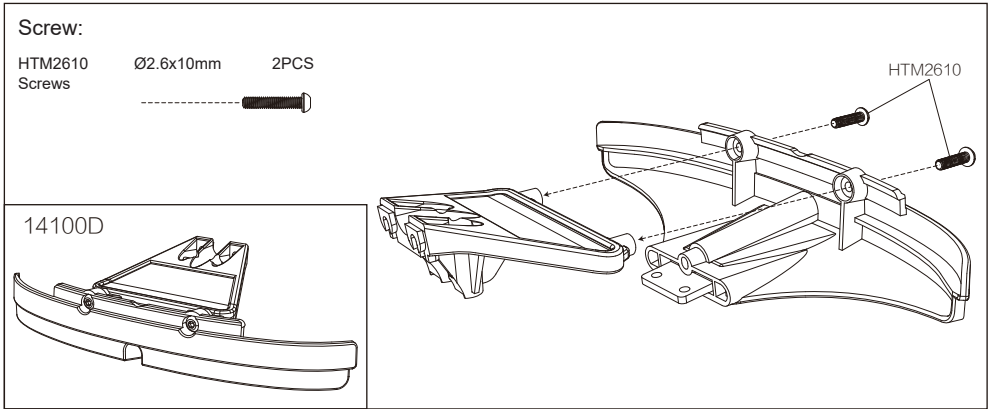
14430D



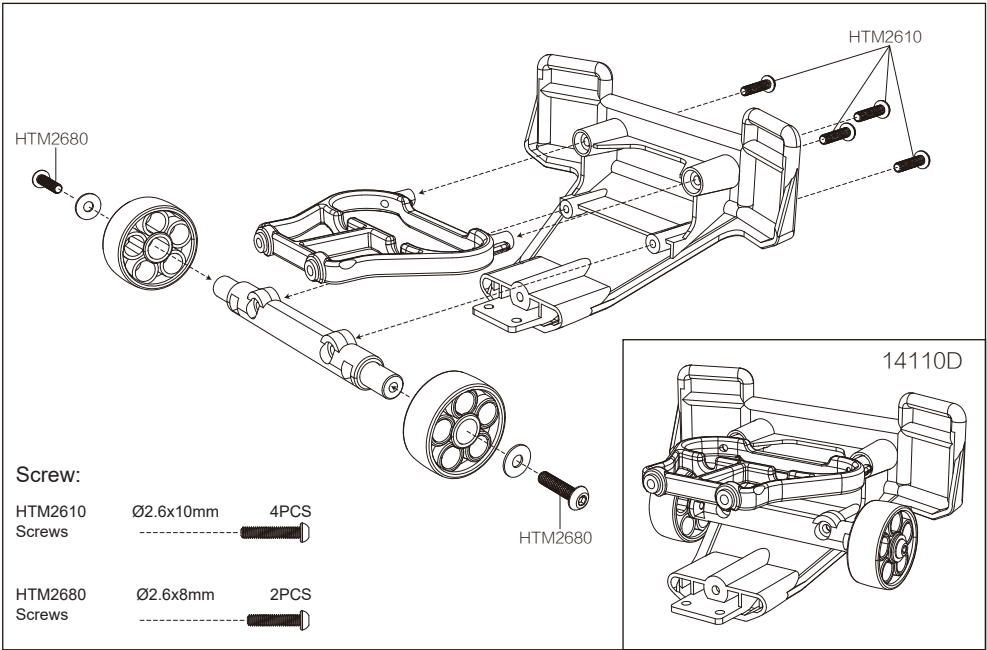
B2852C & 16397 Motor Assembly



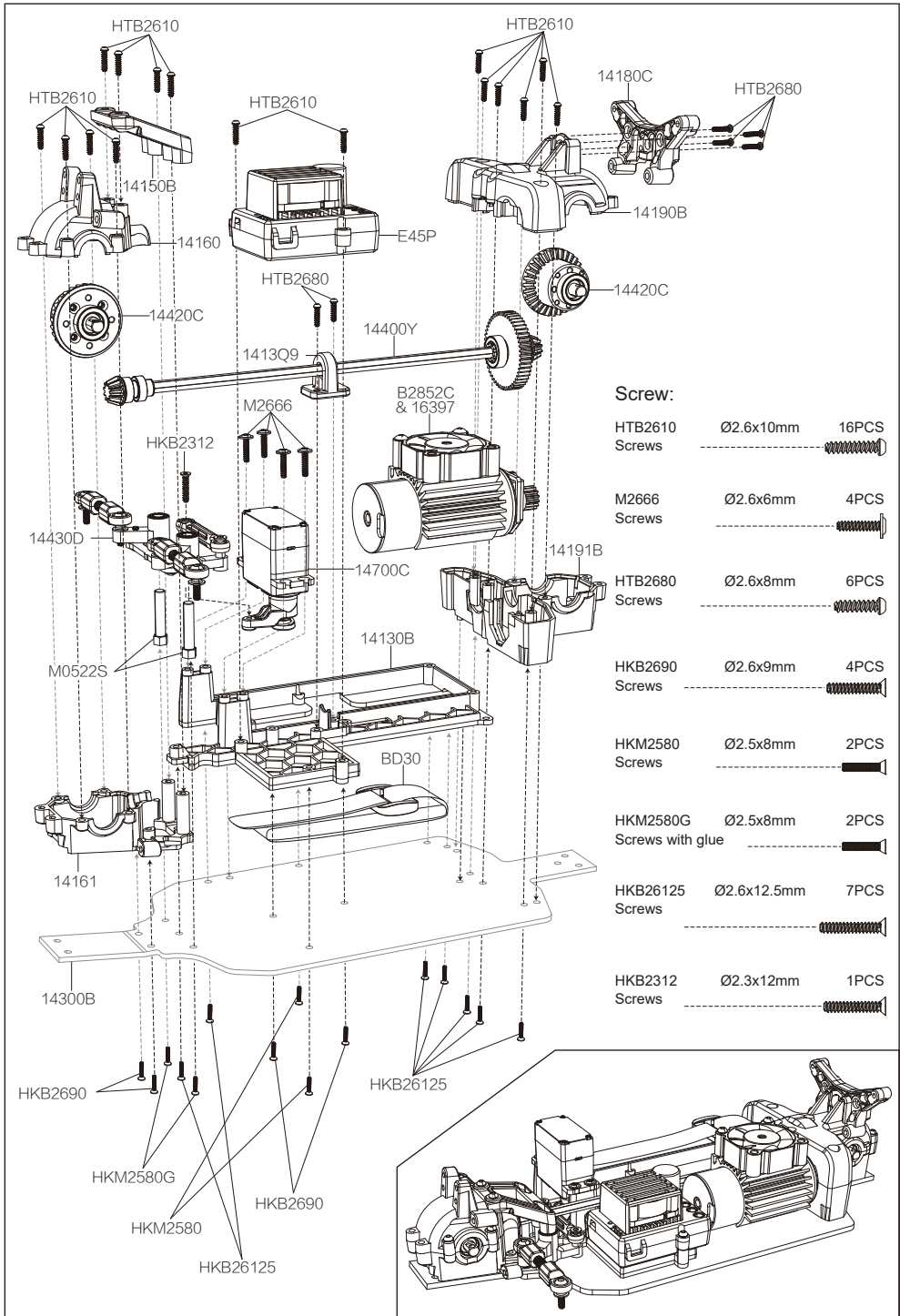
14100D Front Bumper Assembly



14110D Rear Bumper Assembly



High Speed Car Assemble



High Speed Car Assemble

Screw:

S4092
Screws

ØM4x9.5mm

2PCS(4PCS)

Iron shaft:

M25425

Lower swing arm fixed shaft

4PCS

HTB2680
Screws

Ø2.6x8mm

8PCS

HTM4012
Screws

Ø4x12mm

2PCS

HTB2610
Screws

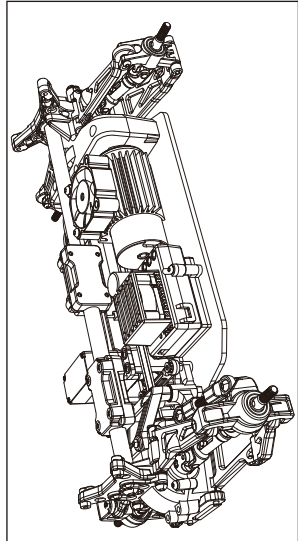
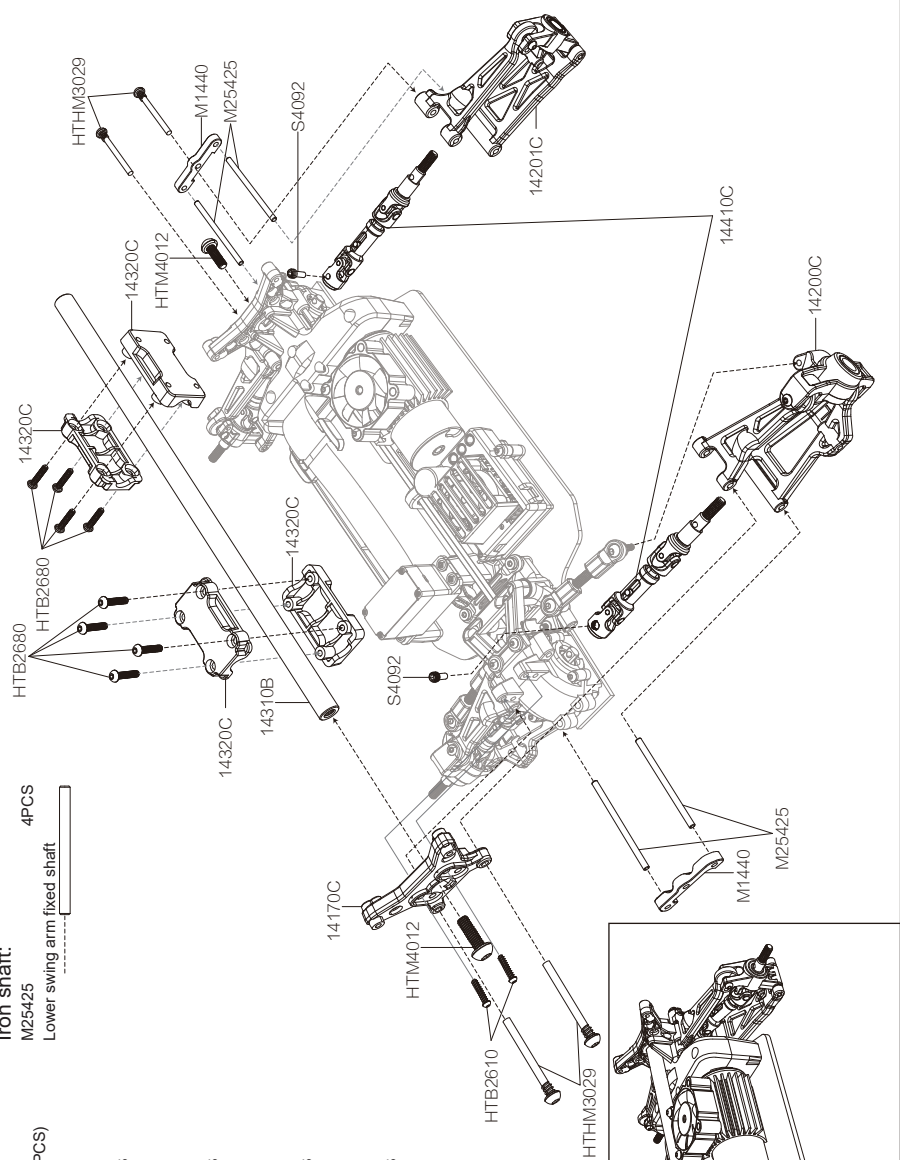
Ø2.6x10mm

2PCS

HTHM3029
Screws

Ø3x29mm

4PCS



High Speed Car Assemble

Screw:

HTM2514 4PCS (8PCS)

Ø2.5x14mm

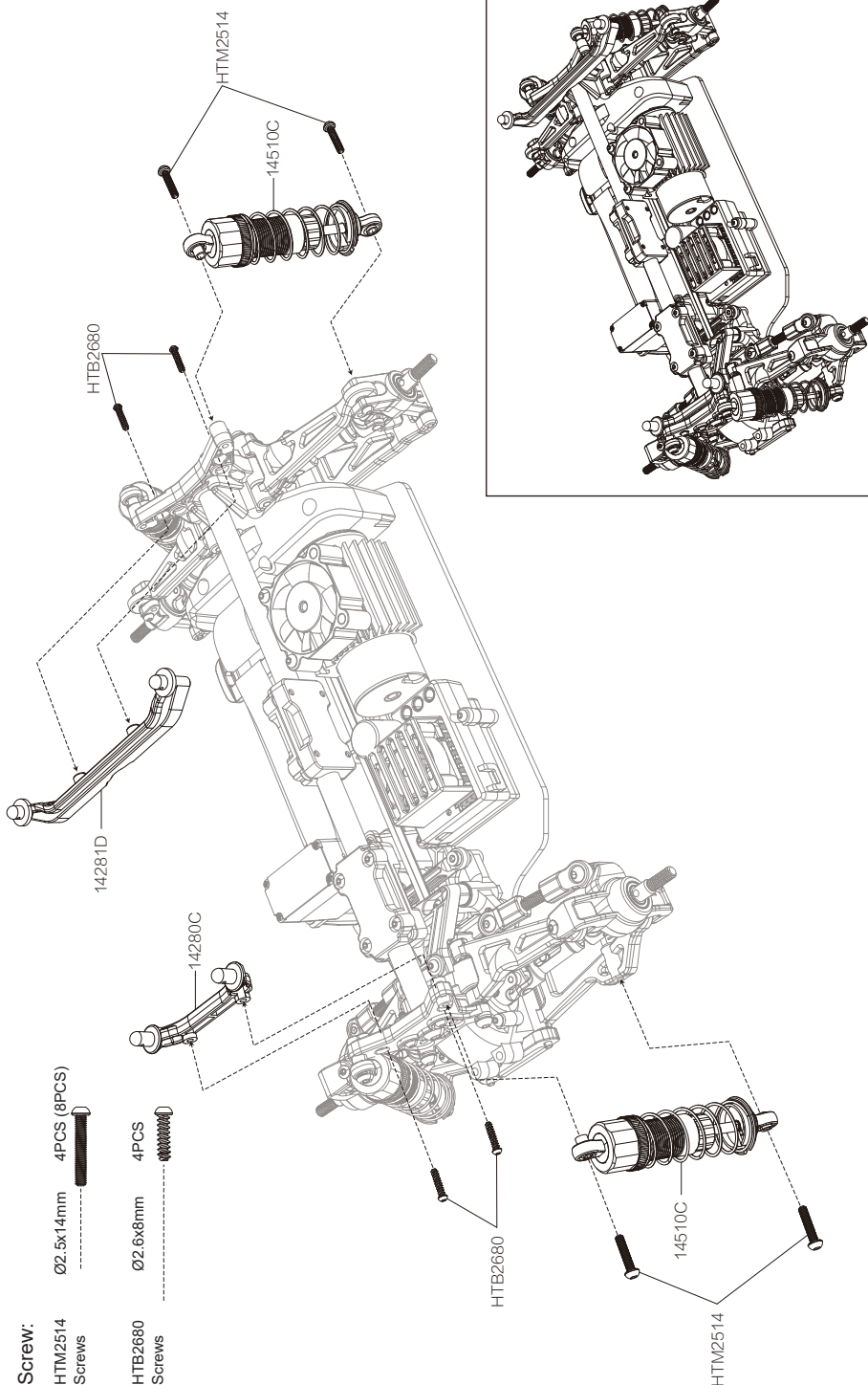
Screws

HTB2680

Ø2.6x8mm

4PCS

Screws



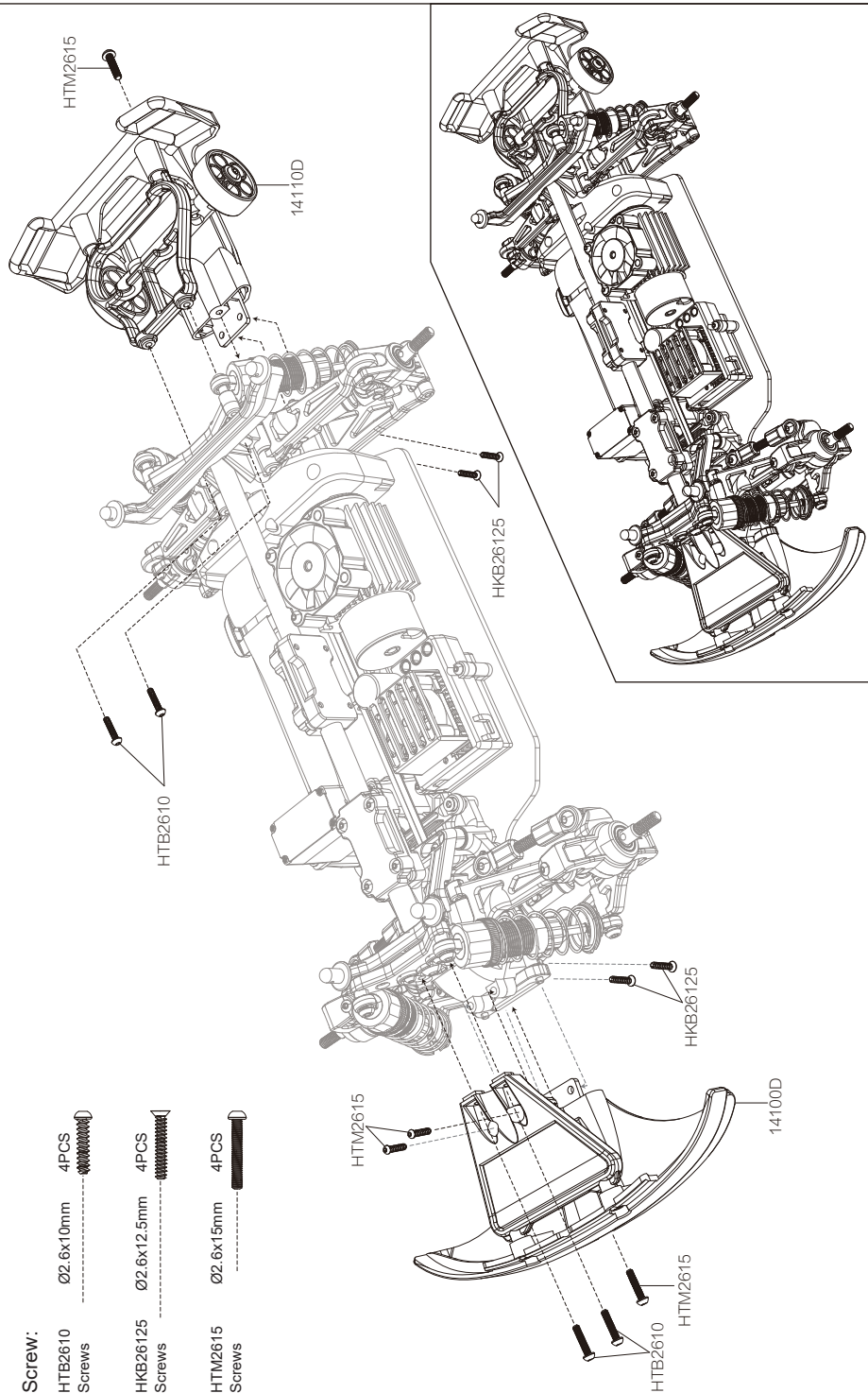
High Speed Car Assemble

Screw:

HTB2610 Ø2.6x10mm 4PCS
Screws

HKB26125 Ø2.6x12.5mm 4PCS
Screws

HTM2615 Ø2.6x15mm 4PCS
Screws



High Speed Car Assemble

Iron shaft:

M20101 1PCS (4PCS)
Wheel hex pins ----- 

16440 1PCS (4PCS)
Wheel hex ----- 

Nut:

M40 1PCS (4PCS)
M4 Wheel lock nut ----- 

