

HYPER GO

1:16 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 2x1.5V "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.

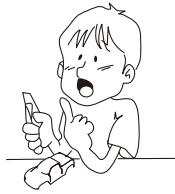
In order to operate the car safely. Be sure that you have observed the following points:



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.



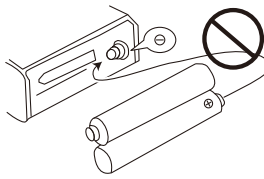
- Cutters, nippers and screwdrivers need careful handling.



- 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!



FCC PART 15 B Notice: CAUTION

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

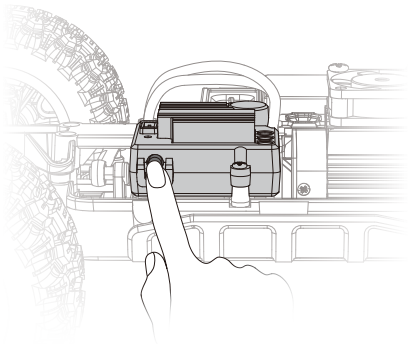
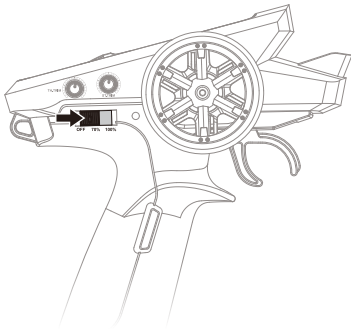
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

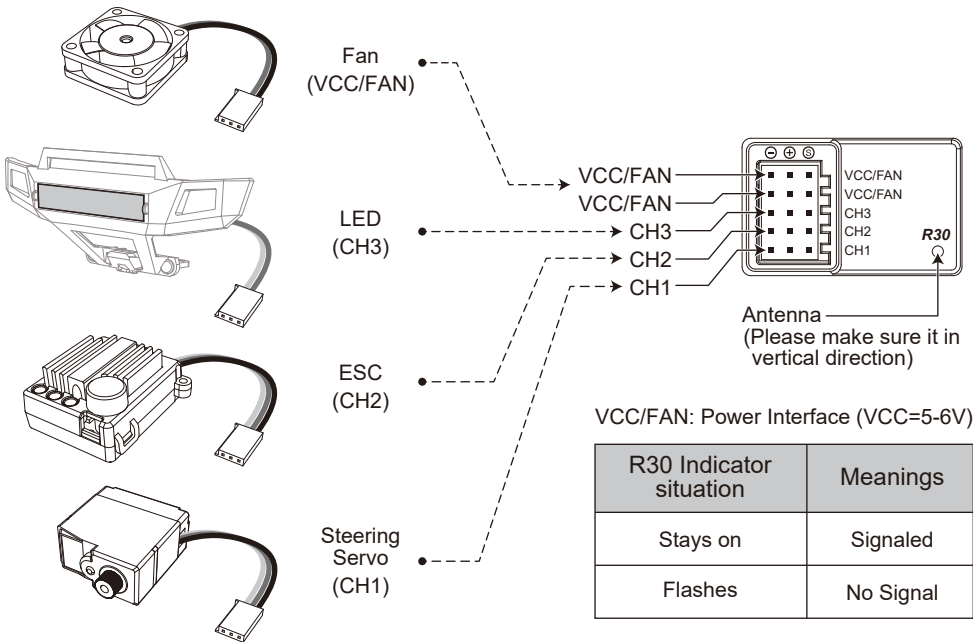
Power Switch

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, which is on the side of the ESC; 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



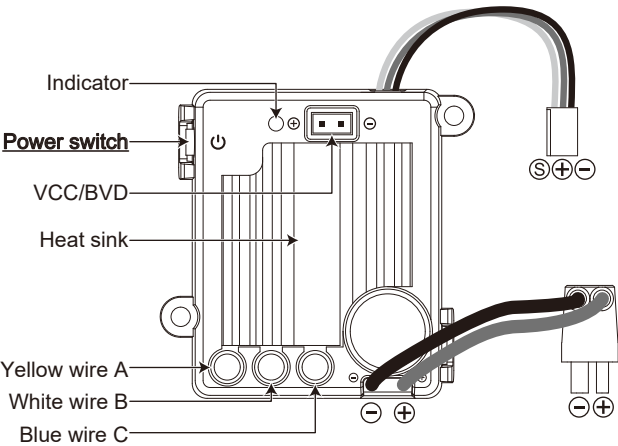
VCC/FAN: Power Interface (VCC=5-6V)	
R30 Indicator situation	Meanings
Stays on	Signaled
Flashes	No Signal



Warning: Please make sure the connection is correct.

E45A Brushless ESC

 Please Do Not forcible/reversely insert all sockets.

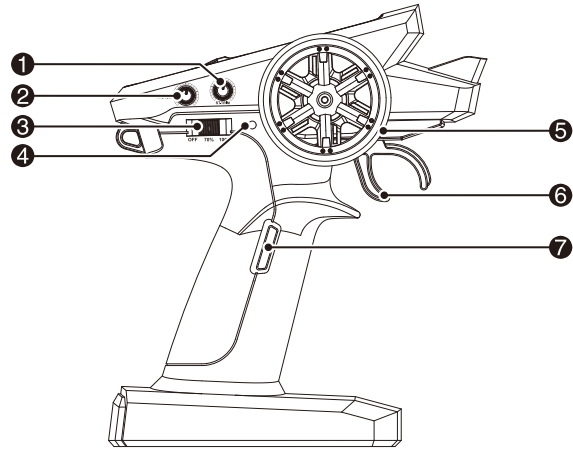


E45A Indicator light situation	Meanings
Stays on	Signaled
Flash quickly	a. No signal b. Pull the trigger
Flash slowly	Low voltage
Flash twice	Over heat protection
Off	Stuck protection

VCC: Powered by battery circuit. Please provide the same voltage as the connected battery. It can be used as cooling fan power power. Please make sure the battery voltage of the ESC is in the range of fan's.

BVD: Receivers with BVD function can be directly connected to this interface through an adapter cable, which is equivalent to connecting a battery.

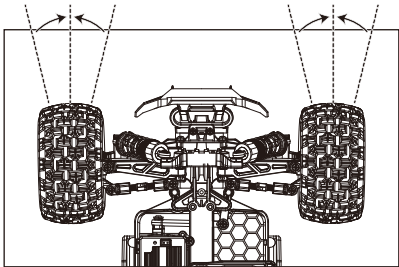
T3B Transmitter



- ① ST.TRIM (Steering servo strimmer)
- ② TH.TRIM (Throttle trimmer)
- ③ Power switch (OFF-70%TH-100%TH)
- ④ Indicator light
- ⑤ CH1: ST (Steering)
- ⑥ CH2: TH (Throttle)
- ⑦ Fn (CH3 Light control)

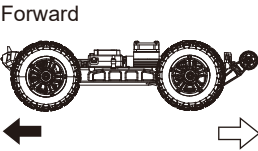
①ST.TRIM (Steering servo trimmer)

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

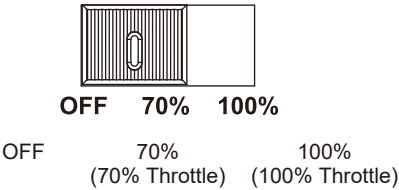


②TH.TRIM (Throttle trimmer)

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



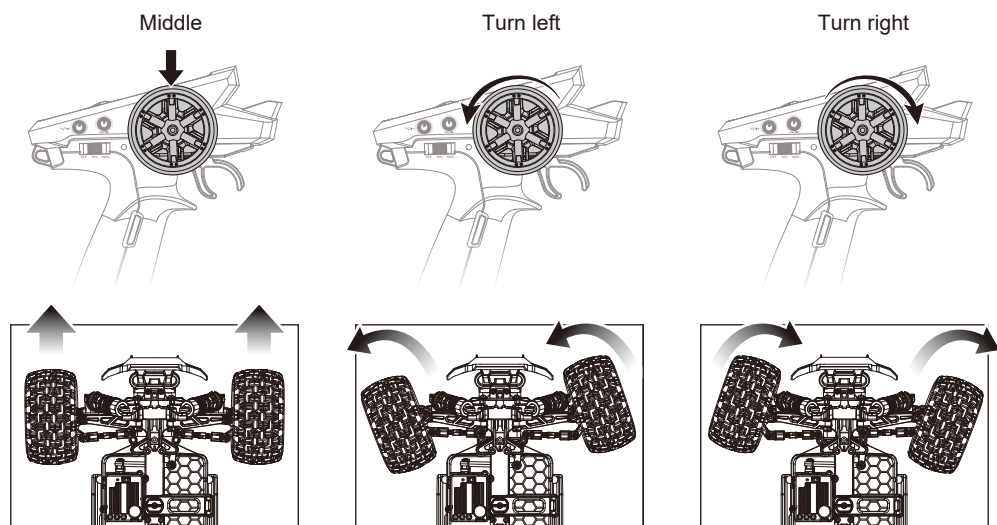
③Power/Speed switch



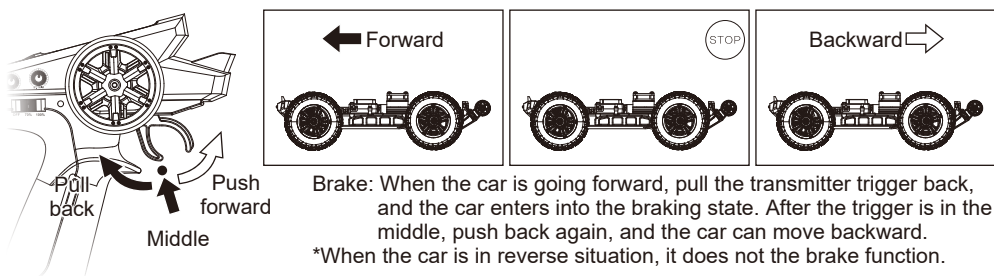
④Indicator light

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

⑤CH1: ST (Steering)

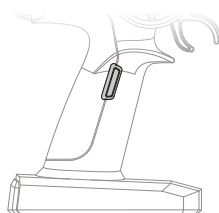


⑥CH2: TH (Throttle)

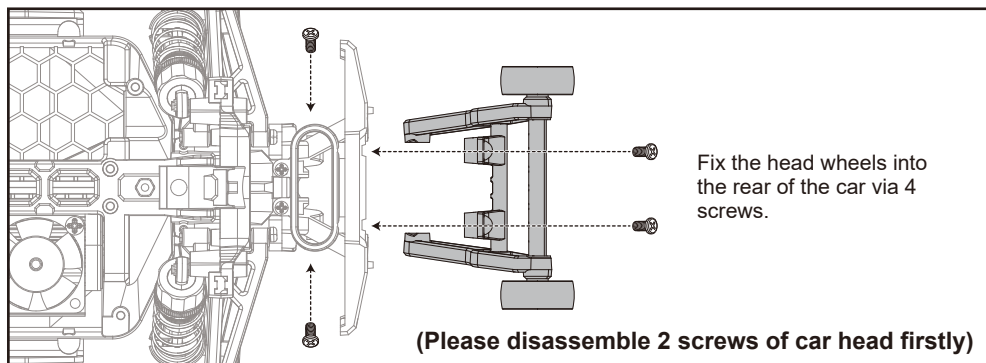


⑦Fn (CH3 Light control)

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

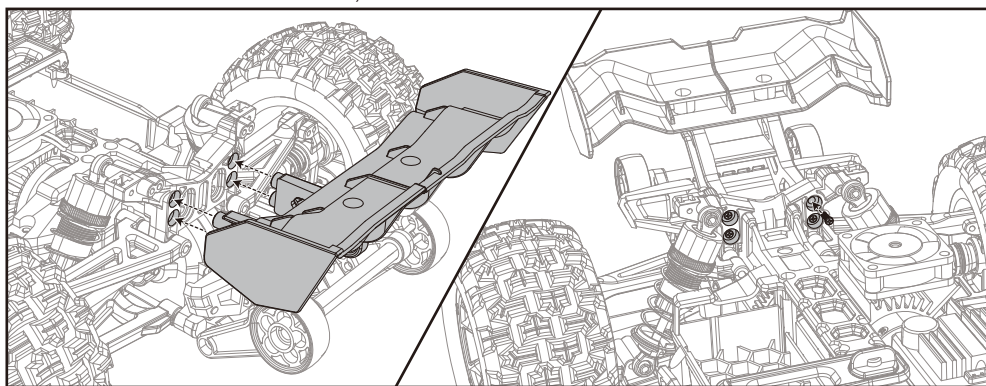


Install the Head Wheels



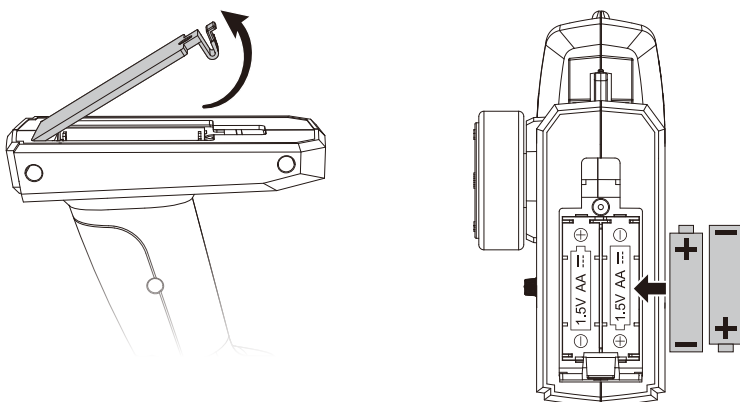
Install the Tail (Use for 16210)

Install the tail to the rear shock tower, lock with 4 screws.



Install the Transmitter's Battery

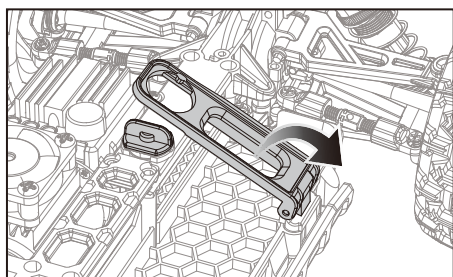
Open the transmitter's battery cover, insert 2 AA batteries according to the indicated positive and negative direction, close the battery cover.



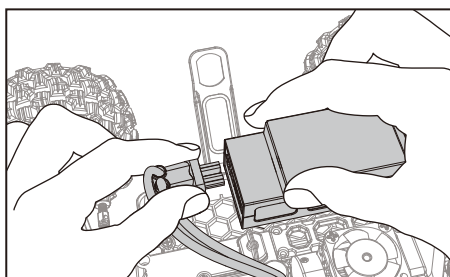
Install Battery and Charge Battery

Install the battery

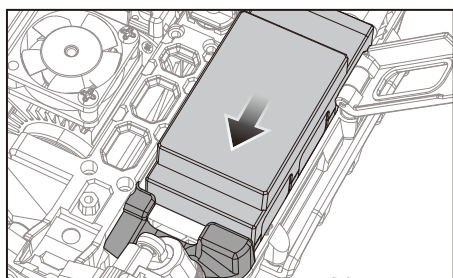
- ① Turn the battery lock knob and flip up the cover;
- ② Connect the receiver plug to the battery;
- ③ Put the battery into the battery holder and make sure it is in place;
- ④ Flip back the cover and turn the knob to lock it.



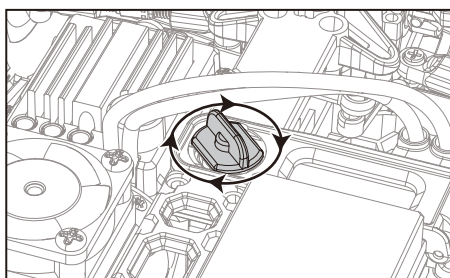
①



②



③



④

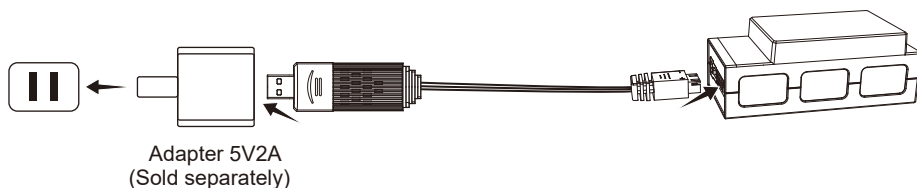
Charge

High speed car battery: 7.4V 1050mAh 25C.

If charging with a 5V 2A USB adapter, the charging time is about 120 minutes.

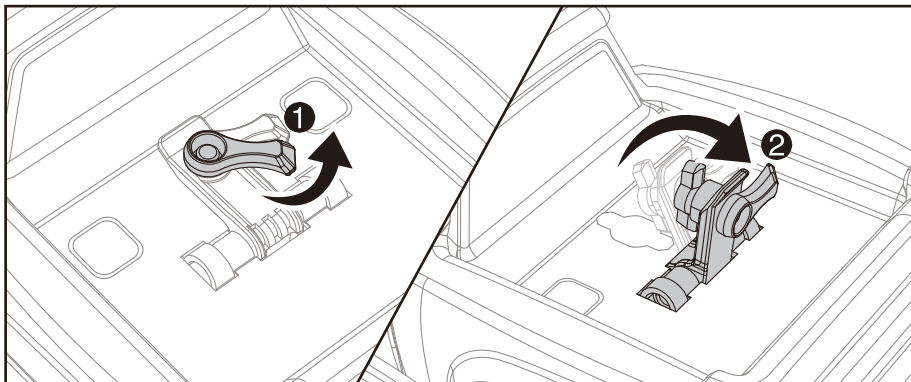
- When charging, the indicator light of charger is green and flashes;
- When the battery is fully charged, the green indicator light of the charger stays on.

*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 5V2A adapter for charging.

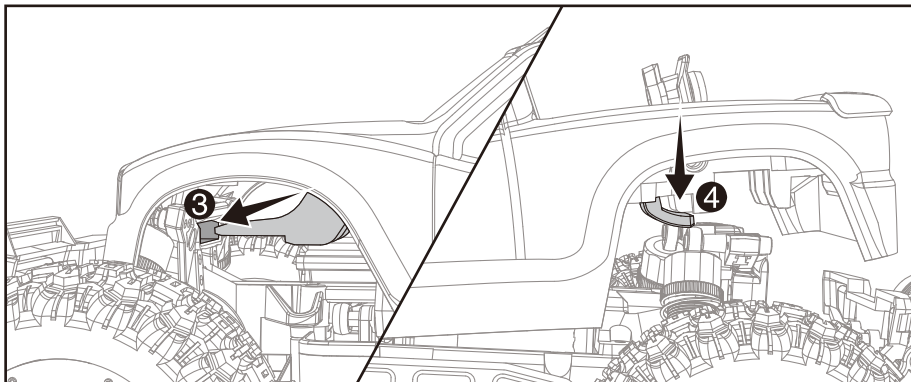


Install the Car Body (Use for 16208)

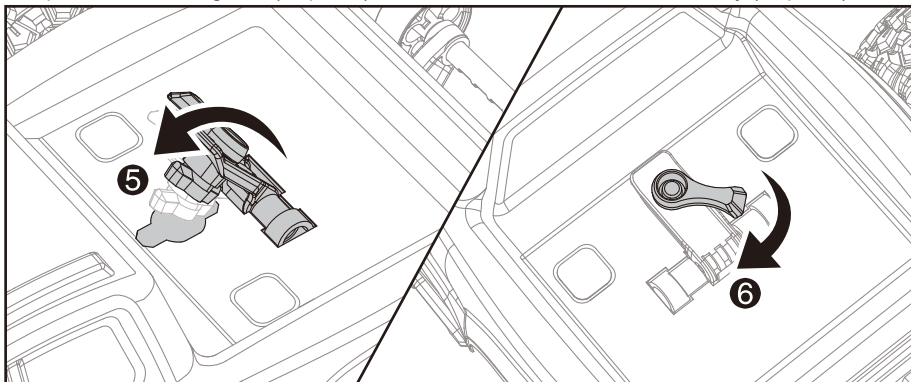
1. Turn the body lock knob (as pic ①), then flip up to open the lock (as pic ②).



2. Insert the car shell into the front shock tower (as pic ③), then press the locking hook vertically down to the rear shock tower (as pic ④).

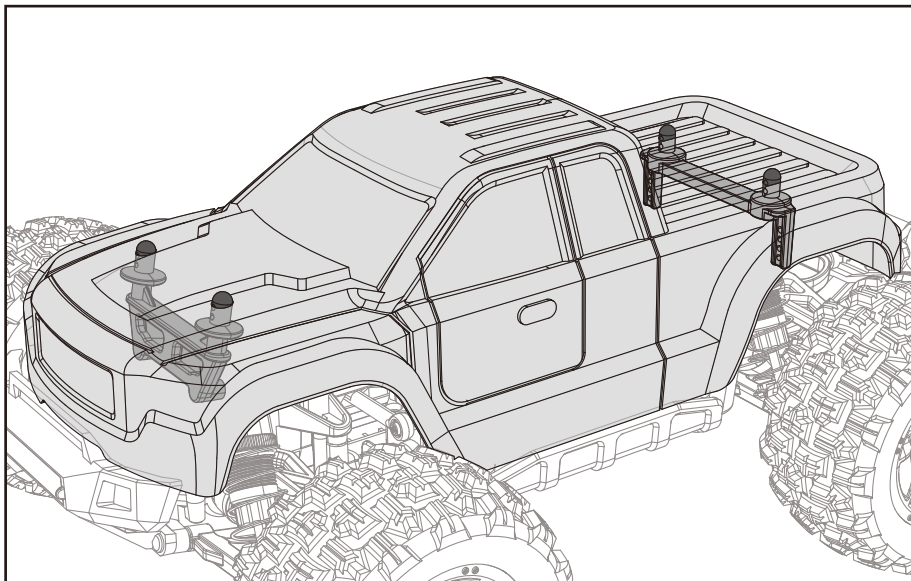


3. Flip down the closing lock (as pic ⑤), then turn the knob to lock the car body (as pic ⑥).

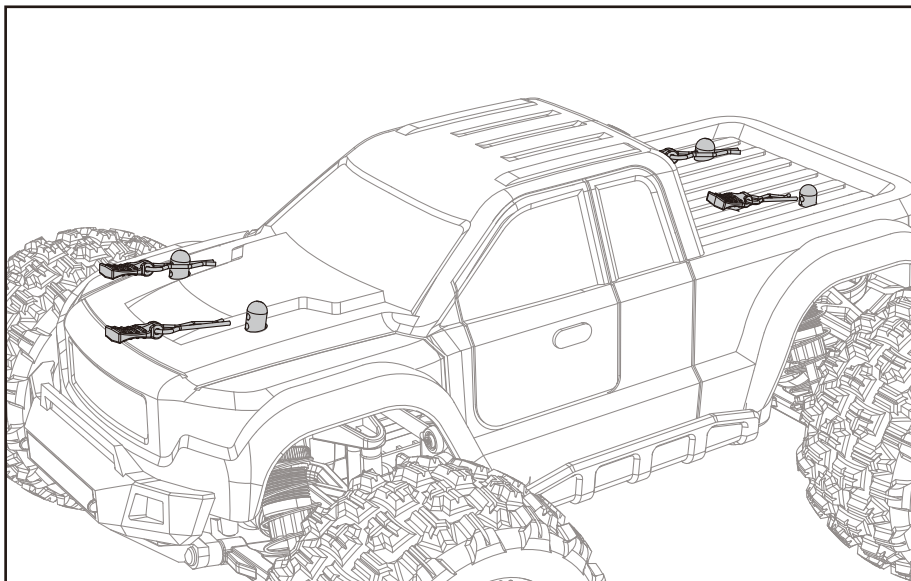


Install Car Shell (Use for 16209/16210)

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.



16100 Front Bumper Assembly (With LED)

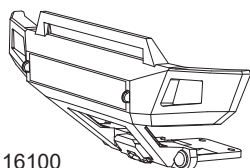
Screw:

M2684 $\varnothing 2.6 \times 8 \text{mm}$ 2PCS

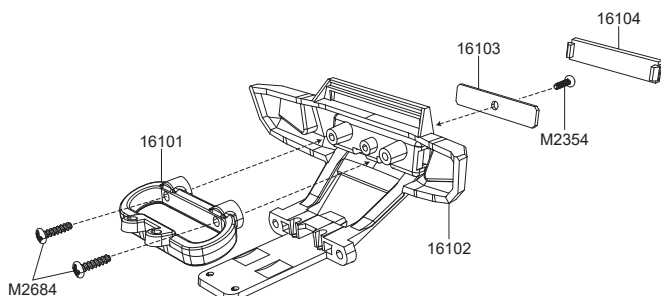
Round head screws ----- 

M2354 $\varnothing 2.3 \times 5 \text{mm}$ 1PCS

Round head screws ----- 



16100



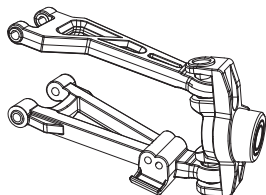
16200 Front Swing Set

Screw:

M26124 $\varnothing 2.6 \times 12.5 \text{mm}$ 2PCS

Countersunk flat head screws ----- 

16200



Bearing:

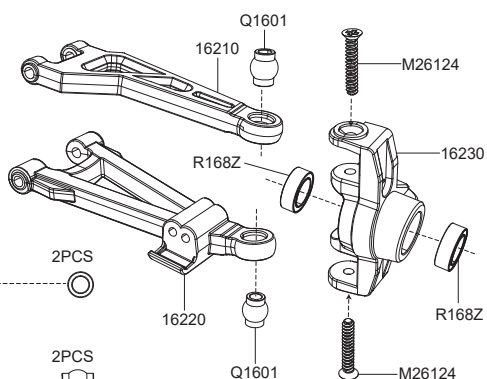
R168Z

Ball bearing ----- 2PCS 

Pivot balls:

Q1601

Steering pivot balls ----- 2PCS 



16201 Rear Swing Set

Screw:

M23124 $\varnothing 2.3 \times 12 \text{mm}$ 1PCS

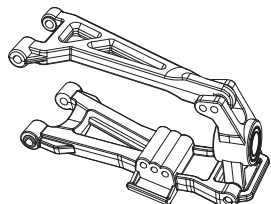
Countersunk flat head screws ----- 

Bearing:

R168Z 2PCS

Ball bearing ----- 

16201



Rear hub pins:

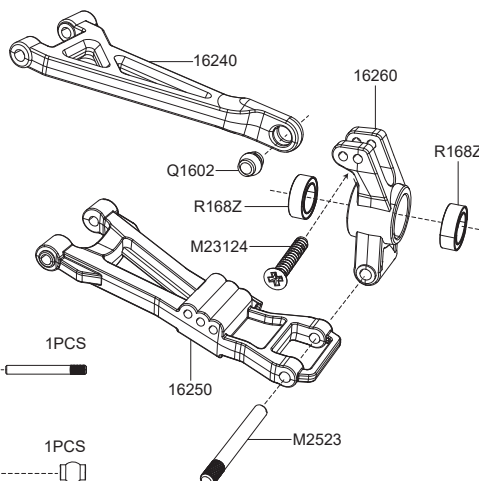
M2523

Rear hub pins ----- 1PCS 

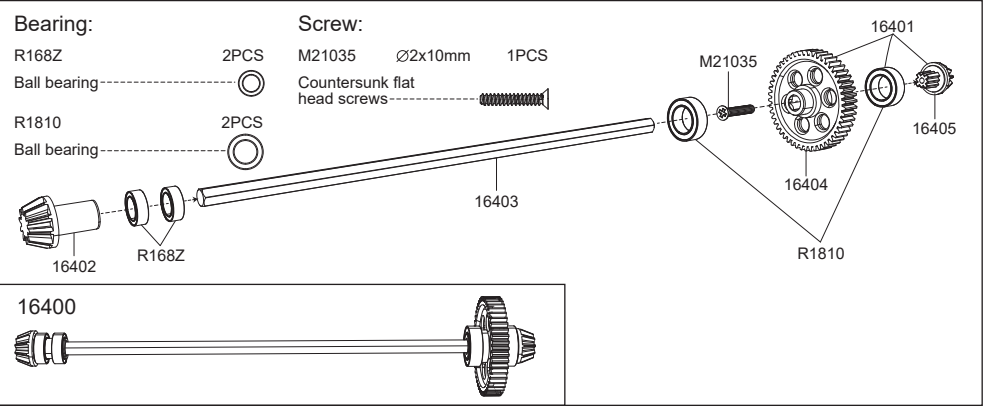
Pivot balls:

Q1602

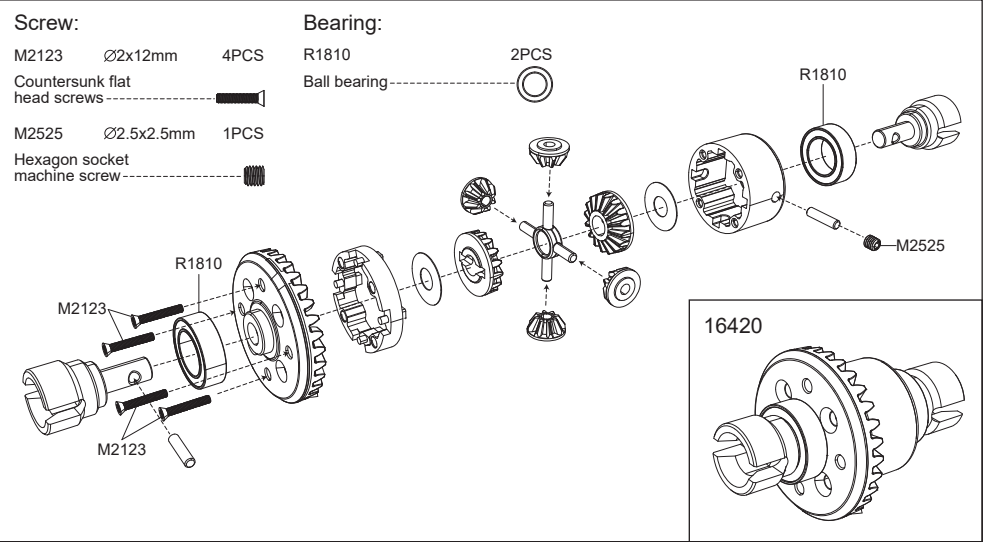
Steering pivot balls ----- 1PCS 



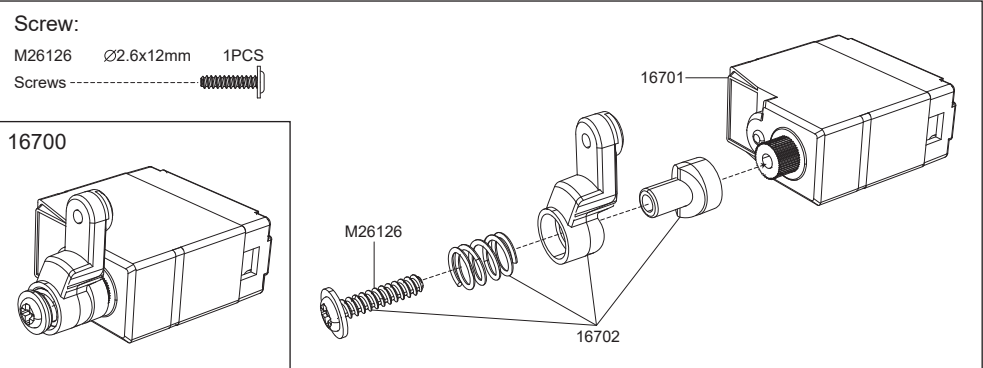
16400 Metal Gears Main Driving Set



16420 Metal Gears Diff Assembly



16700 Servo Assembly



Motor Assembly

Screw:

M25845 $\varnothing 2.5 \times 8 \text{mm}$ 2PCS
Countersunk flat head screws

M3156 $\varnothing 3 \times 15 \text{mm}$ 2PCS
Machine screws

M3030 $\varnothing 3 \times 3 \text{mm}$ 1PCS
Hexagon socket machine screw

16397

16395B

B2845

16393

16392B

M3030

M25845

B284B & 16397

16430S Steering Assembly

Screw:

M23124 $\varnothing 2.3 \times 12 \text{mm}$ 3PCS
Countersunk flat head screws

M2665 $\varnothing 2.6 \times 6.5 \text{mm}$ 2PCS
Step flat screws

M23124

16431

16434

M23124

16431

16433

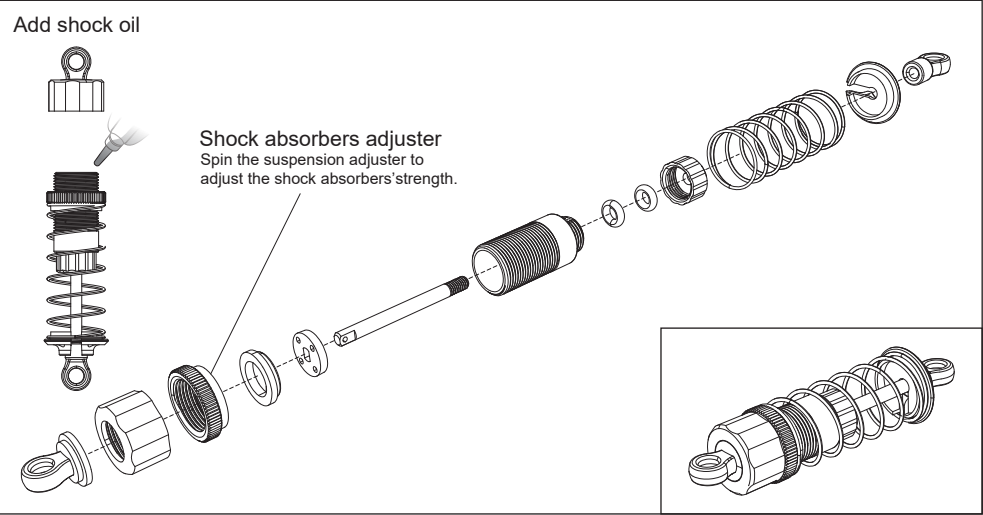
16433

16432

M2665

16430S

16500R Oil Filled Shock (Use for 16208/16209)
16510R Oil Filled Shock (Use for 16210)



High Speed Car Assemble

Screw:

M2384 $\varnothing 2.3 \times 8 \text{mm}$ 4PCS
Round head screws -----

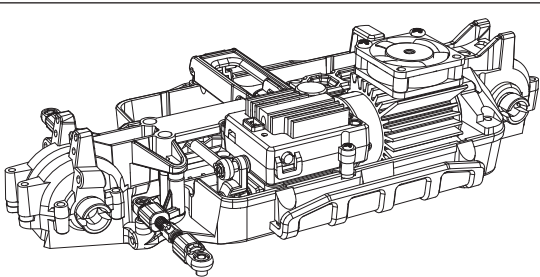
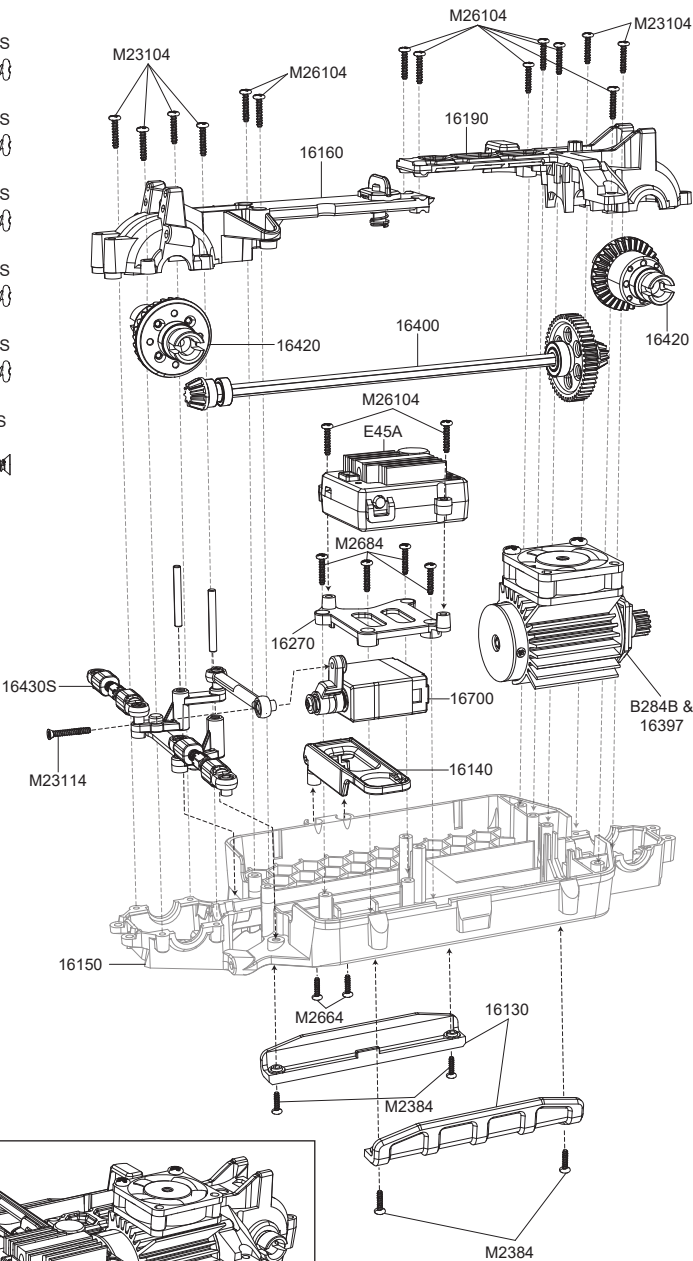
M2664 $\varnothing 2.6 \times 6 \text{mm}$ 2PCS
Round head screws -----

M26104 $\varnothing 2.6 \times 10 \text{mm}$ 10PCS
Round head screws -----

M23104 $\varnothing 2.3 \times 10 \text{mm}$ 6PCS
Round head screws -----

M2684 $\varnothing 2.6 \times 8 \text{mm}$ 4PCS
Round head screws -----

M23114 $\varnothing 2.3 \times 11 \text{mm}$ 1PCS
Countersunk flat head screws -----



High Speed Car Assemble

Screw:

M23124 Ø2.3x12mm 1PCS (2PCS)

Countersunk flat head screws-----

M3294 Ø3x29mm 4PCS

Round head half thread screws-----

M26104 Ø2.6x10mm 1PCS

Round head screws-----

M23104 Ø2.3x10mm 4PCS

Round head screws-----

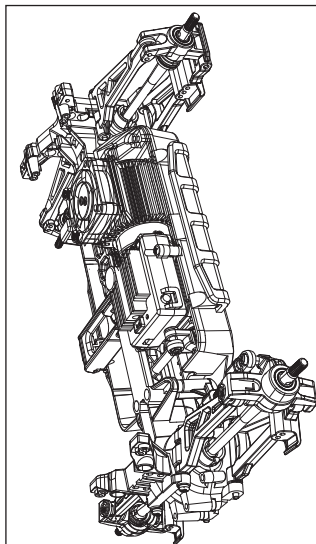
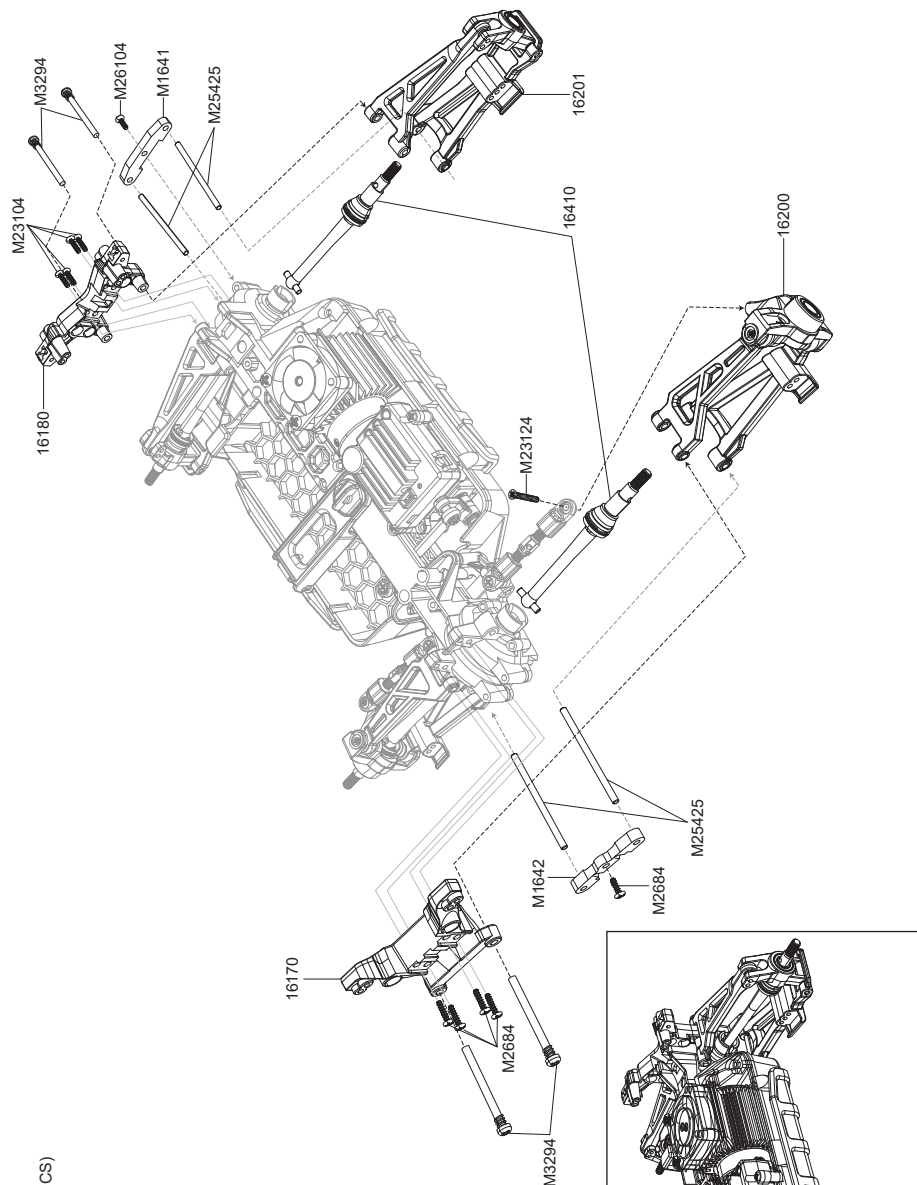
M2684 Ø2.6x8mm 5PCS

Round head screws-----

Iron shaft:

M25425 4PCS

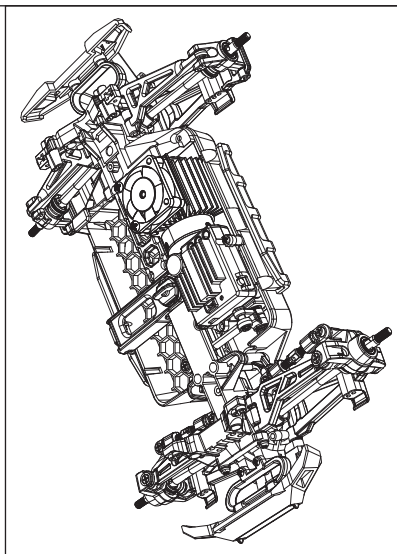
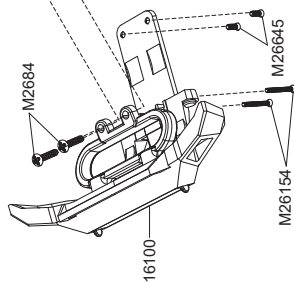
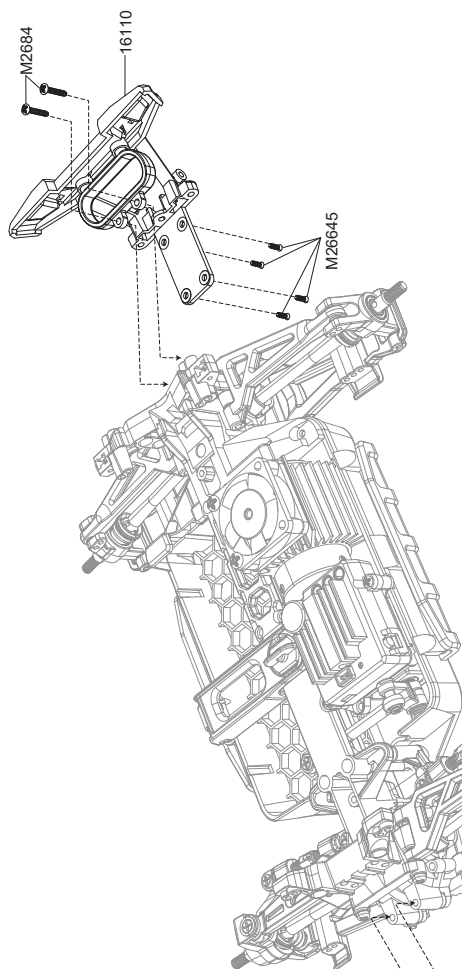
Lower swing arm fixed shaft-----



High Speed Car Assemble

Screw:

M2684	Ø2.6x8mm	4PCS
Round head screws----- 		
M26645	Ø2.6x6mm	6PCS
Countersunk flat head screws----- 		
M26154	Ø2.6x15mm	2PCS
Countersunk flat head screws----- 		



16208 High Speed Car Assemble

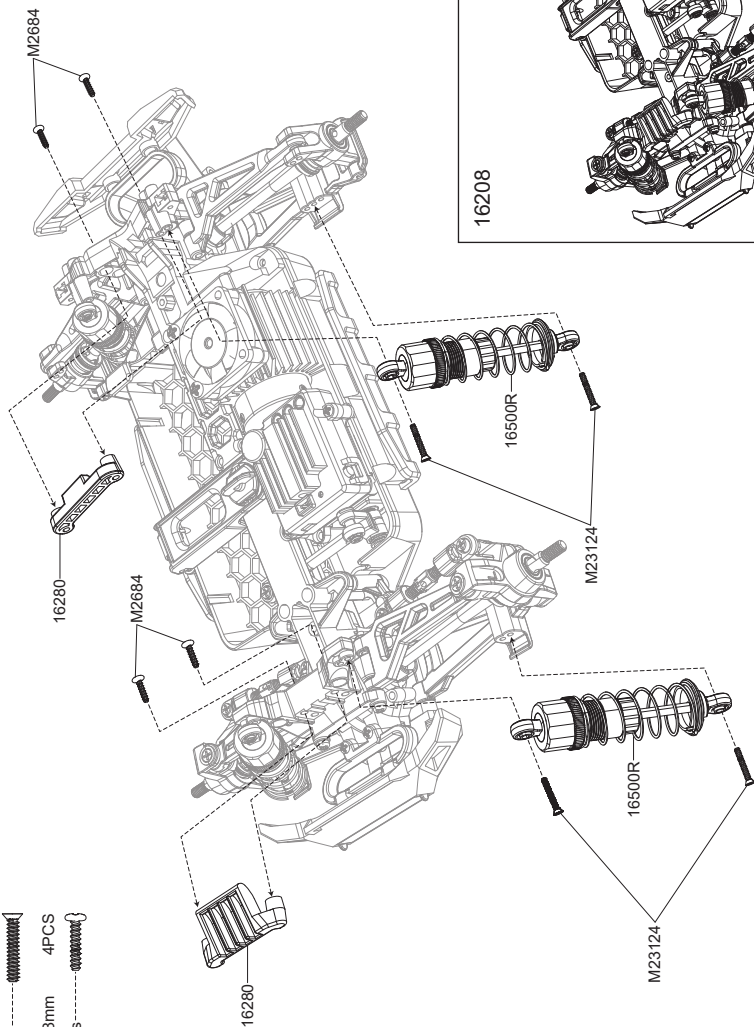
Screw:

M23124 Ø2.3x12mm 4PCS (8PCS)

Countersunk flat
head screws

M2684 Ø2.6x8mm 4PCS

Round head screws



16209/16210 High Speed Car Assemble

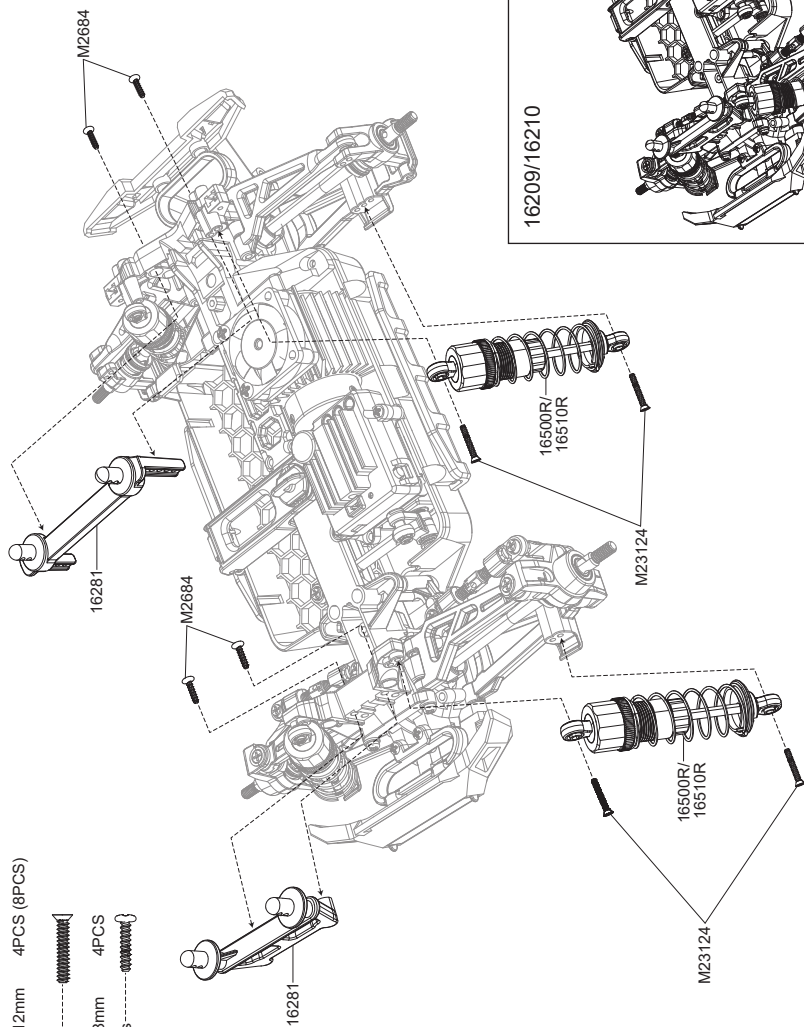
Screw:

M23124 Ø2.3x12mm 4PCS (8PCS)

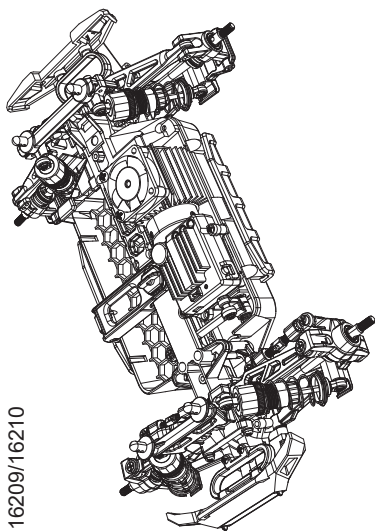
Countersunk flat
head screws

M2684 Ø2.6x8mm 4PCS

Round head screws



16209/16210



High Speed Car Assemble

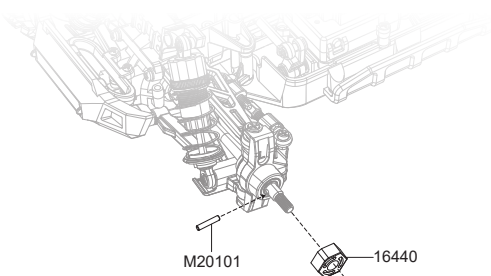
Iron shaft:

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

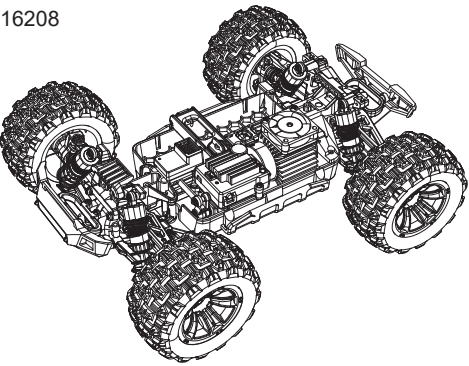
16440 1PCS (4PCS)
Wheel hex ----- 

Nut:

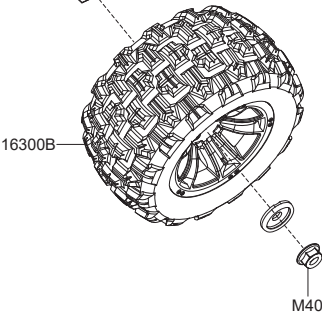
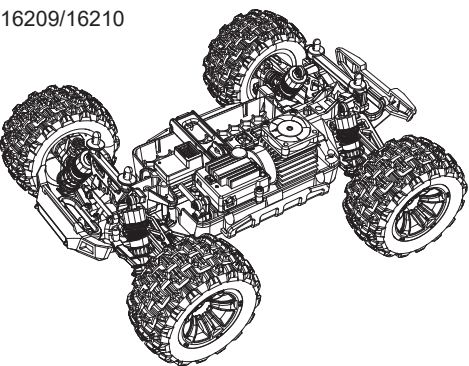
M40 1PCS (4PCS)
M4 Wheel lock nut ----- 



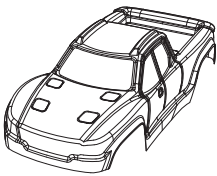
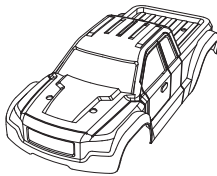
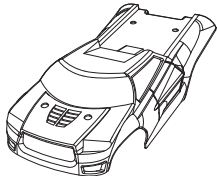
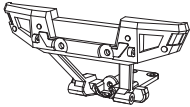
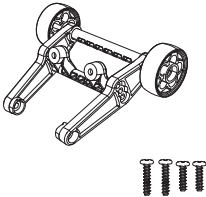
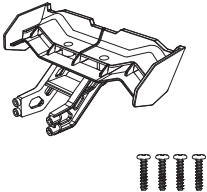
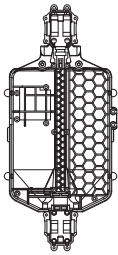
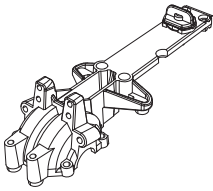
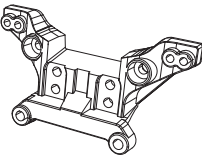
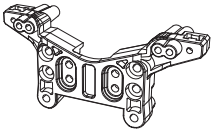
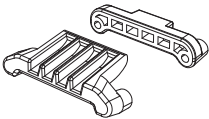
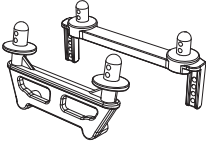
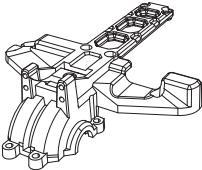
16208



16209/16210



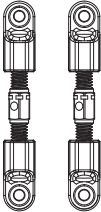
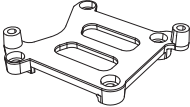
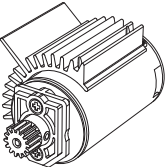
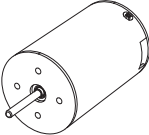
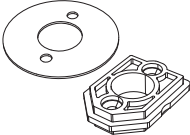
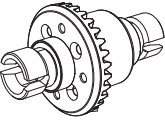
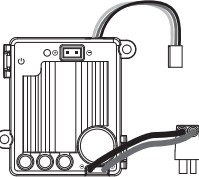
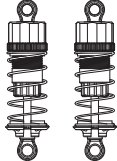
Spare Parts

			
1601C (16208) Body	1601H (16209) Body	1601F (16210) Body	16100 Front Bumper Assembly
			
16110 Rear Bumper Assembly	16120 Wheelie Bar Assembly	1612C (16210) Tail	16130 Chassis Parts
			
16140 Battery Clip	16150 Chassis	16160 Front Upper Gearbox Covers	16170 Front Shock Tower
			
16180 Rear Shock Tower	16280 (16208) F/R Body Pillars	16281 (16209/16210) F/R Body Pillars	16190 Rear Upper Gearbox Covers

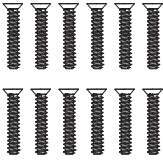
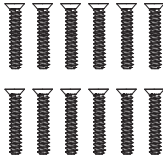
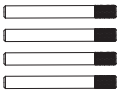
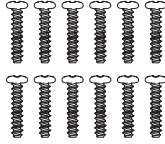
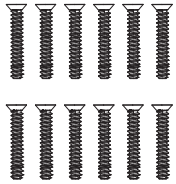
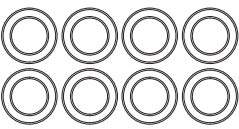
Spare Parts

Two line drawings of front upper suspension arms, each featuring a ball joint at the top and a mounting bracket at the bottom.	Two line drawings of front lower suspension arms, each featuring a ball joint at the top and a mounting bracket at the bottom.	Two line drawings of steering blocks, which are L-shaped components with mounting points.	Two line drawings of rear upper suspension arms, each featuring a ball joint at the top and a mounting bracket at the bottom.
16210 Front Upper Suspension Arms (Including Ball Head)	16220 Front Lower Suspension Arms (Including Ball Head)	16230 Steering Block	16240 Rear Upper Suspension Arms (Including Ball Head)
Two line drawings of rear lower suspension arms, each featuring a ball joint at the top and a mounting bracket at the bottom.	Two line drawings of rear hubs, which are circular components with mounting points.	Four vertical line drawings of hinge pins.	Two line drawings of reinforced sheets, which are L-shaped components with mounting points.
16250 Rear Lower Suspension Arms	16260 Rear Hubs	M25425 F/R Lower Suspension Arms Hinge Pins	M1640 F/R Reinforced Sheet
Two line drawings of wheel assemblies, each featuring a tire and a hub.	Two line drawings of metal F/R CVD shafts, which are long, thin components with mounting points.	Eight vertical line drawings of wheel hex pins.	Four line drawings of wheel hexes, which are square components with mounting points.
16300B Wheel Assembly (2PCS)	16410 Metal F/R CVD Shafts (2 Sets)	M20101 Wheel Hex Pins (8PCS)	16440 Wheel Hex
Eight line drawings of M4 wheel lock nuts, which are small, hexagonal components.	A line drawing of a servo motor, which is a rectangular component with a horn.	A line drawing of a servo saver assembly, which includes a servo, a horn, and a spring.	A line drawing of a steering assembly, which includes a servo, a horn, and a spring.
M40 M4 Wheel Lock Nut (8PCS)	16701 Servo	16702 Servo Saver Assembly	16430S Steering Assembly

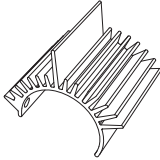
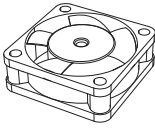
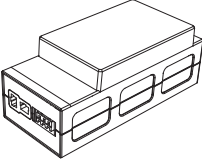
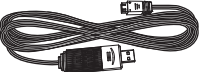
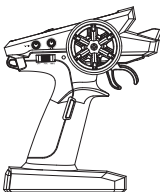
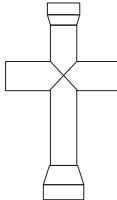
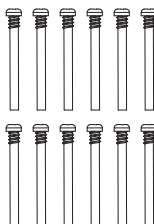
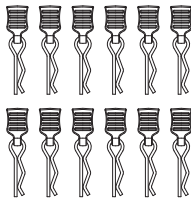
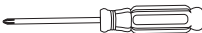
Spare Parts

			
16431 Steering Linkage (2PCS)	16432 Connecting Rod	16270 ESC/REV Fix Frame	B284B Motor Assembly
			
B2845 Brushless Motor	16392B Motor Pinions	16393 Motor Guard	16420 Metal Gears Diff Assembly
			
16400 Metal Gears Main Driving Set	16401 Spur Gear Assembly (Metal)	16402 Drive Gear (Metal)	16403 Centre Drive Shaft
			
E45A Brushless ESC ESC	R30 Receiver	16500R (16208/16209) Oil Filled Shock	16510R (16210) Oil Filled Shock

Spare Parts

			
M26124 Countersunk Flat Head Screws (12PCS)	M23124 Countersunk Flat Head Screws (12PCS)	M2523 Rear Fixing Pin (4PCS)	M26364 Step Flat Screws (12PCS)
			
M2384 Round Head Screws (12PCS)	M2664 Round Head Screws (12PCS)	M26104 Round Head Screws (12PCS)	M23104 Round Head Screws (12PCS)
			
M2684 Round Head Screws (12PCS)	M26645 Countersunk Flat Head Screws (12PCS)	M25845 Countersunk Machine Screws (12PCS)	M26154 Countersunk Flat Head Screws (12PCS)
			
R1810 Ball Bearing (8PCS)	R168Z Ball Bearing (8PCS)	Q1601 Steering Pivot Balls (8PCS)	Q1602 Steering Pivot Balls (8PCS)

Spare Parts

	 		
16395B Motor Heatsink	16397 Motor Fan	B105A Battery	P2050 USB Charging Cable
			
T3B Transmitter	P812 Hexagonal Wrench	M3294 Round Head Half Thread Screws (12PCS)	M001 (16209/16210) Body Clips (12PCS)
			
P810 Screwdriver	M2665 Step Flat Screws (12PCS)		



MADE IN CHINA

Instructions must be retained since it contains important information.