

SPEED MAX SPEED THUNDER

Digital Proportional System



CAUTION: ELECTRIC TOY

Not recommended for children under 8 years of age. As with all electric products, precautions should be observed during handling and use to prevent electric shock.

SAFETY PRECAUTION

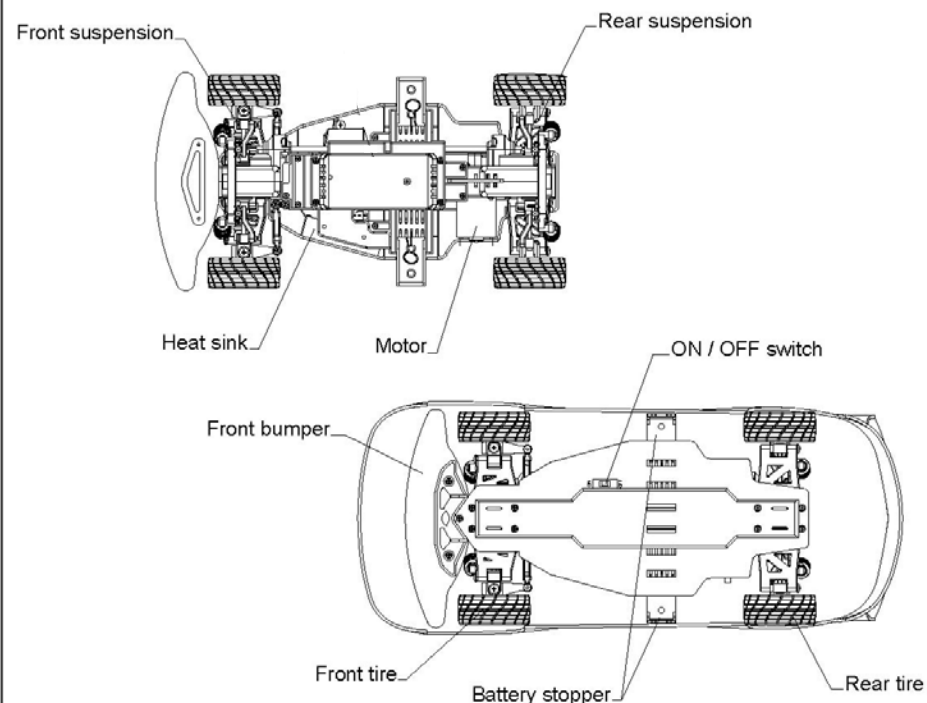
1. Never run R/C cars on the street or highway, as it could cause or contribute to serious traffic accidents.
2. Never run an R/C cars near people or animals, nor use people or animals as obstacles when operating R/C cars.
3. To prevent a runaway R/C cars, never connect a battery to an R/C cars receiver without first turning on the transmitter.
4. Ensure all electrical circuits are complete before connection of any power source.
5. Use only a recommended quick charger with this car and only charge nicd batteries for the maximum specified time stated. Over charging or mischarging by inferior quick chargers can be dangerous. Ni-Cd batteries can explode if wrongly or over charged. Always be careful that the polarity is correct when charging: positive to positive, negative to negative.
6. Certain parts, such as the heatsink, speed controller, motor, etc. can be very hot and might cause burns to fingers after running. Care should be taken when touching all electrical parts whilst they are still hot.
7. Always disconnect the battery when the vehicle is not in use or if the battery becomes hot. Remember, Ni-Cd batteries could explode or vehicles might catch fire through a short circuit or over charging. Also, if the vehicle is left switched on, spurious radio signals can cause it to activate.
8. Also, always remember you can lose control of this vehicle when driving through interfering signals or faulty or discharged batteries in your transmitter or vehicle. Therefore, never run this vehicle in situations which might possibly be dangerous or in unsafe conditions. Never use this vehicle during thunder storms.
9. The body of the vehicle must not be removed immediately after running, as certain electrical parts, such as the heat sink and PC Board, may be very hot and might cause burns.
10. Never operating the vehicle on thick-piled carpets. It can be dangerous sine the carpet fiber may twine round a shaft and cause a motor overheated.
11. Keep out of the reach of children under 36 months old, as some parts are detachable. Children must not be allowed to suck any metal part or any wire included with this kit.

CONTENTS OF THE KIT

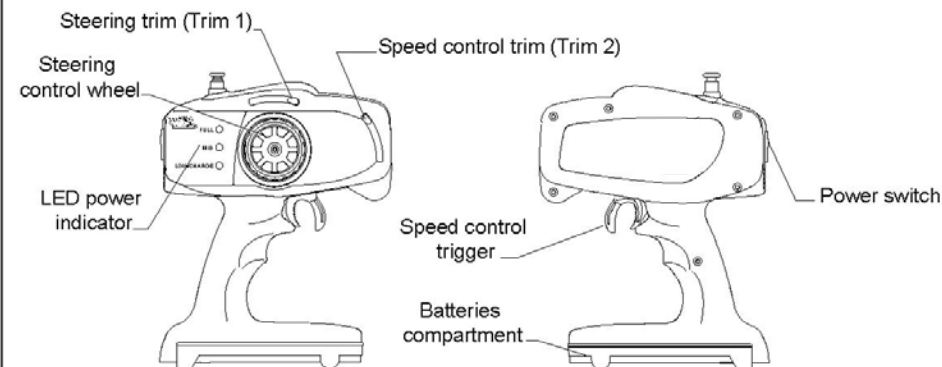
			
Vehicle	Transmitter	Transmitter antenna	Antenna tube
			
Ni-Cd battery pack	Charger	8 pcs AA size batteries	Snap pin
			
Large snap pin	Box wrench	Manual	

NAME OF PARTS

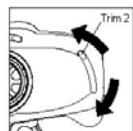
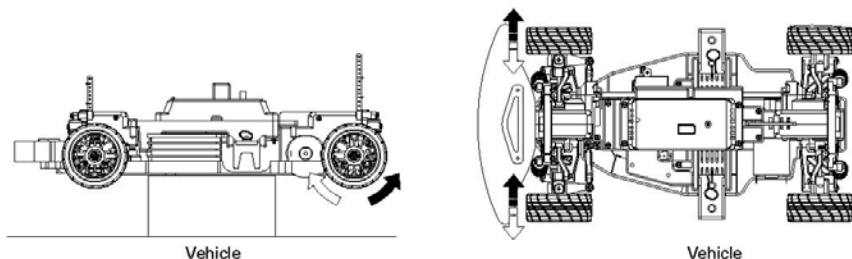
VEHICLE



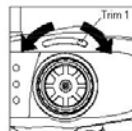
TRANSMITTER



HOW TO AJUST THE TRIM LEVERS



Transmitter

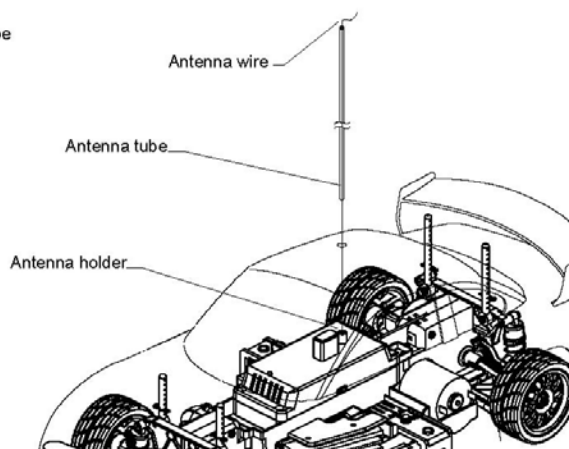


Transmitter

- Before running the vehicle, inspect its operating by setting the car on a box or stand. Make certain that its wheels are free to rotate.
- See the side of the vehicle while the speed control trigger is in its neutral position. If the rear tires moving, adjust the trim 2 by turning to either left or right.
- See the front of the vehicle while the steering control wheel is in its forward running position. If the front tires does not aligned accurately, Adjust the trim 1 by turning to either left or right if necessary.

HOW TO INSTALL ANTENNA TUBE

- Pass the antenna wire through the antenna tube and insert into the antenna tube holder.

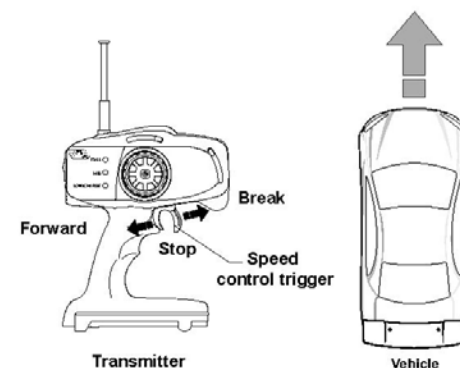


CAUTION:

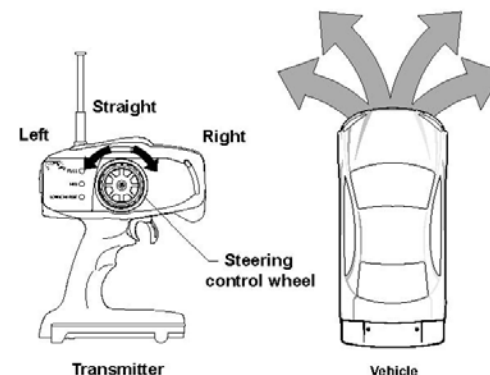
Don't pull the antenna wire too hard.

HOW TO CONTROL

- The vehicle moves forward by pulling the trigger.
- The vehicle break by pushing the trigger.
- The vehicle stops by releasing the trigger.



- The vehicle makes right turn by turning the wheel clockwise.
- The vehicle makes left turn by turning the wheel counter clockwise.
- The vehicle runs straight by releasing the wheel.



HOW TO OPERATING

To prevent a runaway R/C cars, never connect a battery to an R/C cars without first turning on the transmitter.

1. Before running the R/C car, inspect its operating by setting the car on a box or stand. Make certain that its wheels are free to rotate.
2. Make certain that the speed control, transmitter controls and trims are set to neutral.
3. Switch on transmitter.
4. Connect up the vehicle battery.
5. Switch on vehicle.

To prevent a runaway R/C cars, always shut off the cars and disconnect the battery before to turning off the transmitter.

1. Turn off vehicle.
2. Disconnect the battery.
3. Turn off transmitter.

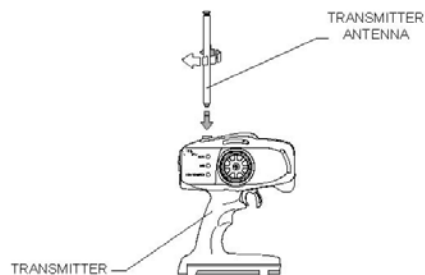
HITS: A worn motor will overheat and result in a short running time. Replace a worn out motor as soon as possible.
Low battery power will result in loss of control either receiver or transmitter.

HOW TO INSTALL TRANSMITTER ANTENNA

1. Place the transmitter antenna into the antenna holder and screw it in clockwise.

2. Do not install the antenna extended. If the antenna is not screwed in securely, the vehicle may not move at your control. Screw the antenna securely.

Note: The antenna provided is a unique antenna. Personal modification may void users authority to operate this device.

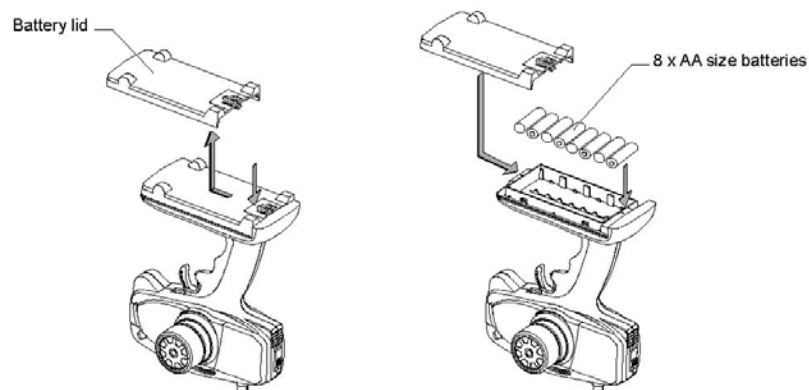


HOW TO INSTALL THE BATTERIES

TRANSMITTER

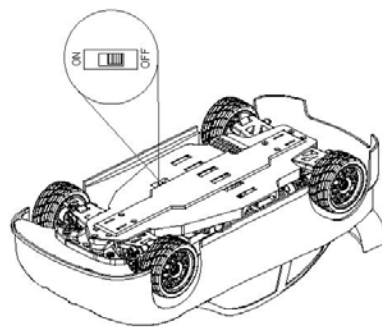
To remove the battery lid, press the point marked ▲ and pull the lid downward.

Install batteries making sure that + and - poles are positioned properly.

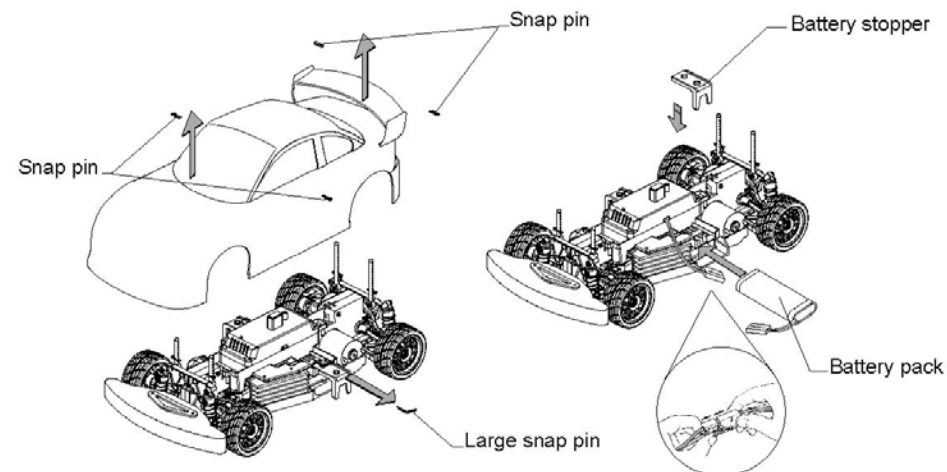


VEHICLE

- Slide the ON/OFF switch under the vehicle to OFF.
- Pull out the 4 snap pins attaching the vehicle body.
- Take off the vehicle body.
- Pull out the large snap pin attaching the battery stopper and take off the stopper.
- Insert the battery pack in the compartment.
- Attach the battery stopper as described in step 4.
- Attach the battery pack's connector to the vehicle's matching connector. Do not force them. They fit together only one way.



HOW TO INSTALL THE BATTERIES (Continue)



CAUTION:

Make certain both Transmitter Switch and Vehicle Switch are in the "OFF" position. Be sure the connector and wires do not touch any of the vehicle's moving parts. If the vehicle loses power or does not respond the transmitter, recharge the battery pack.

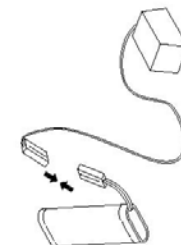
HOW TO CHARGE THE BATTERY

The newly purchased Ni-Cd battery pack is not charged. Recharge before stating.

- Attach the battery pack's connector to the charger matching connector.
- Plug the charger into an electrical outlet.
- First recharging of new battery pack about 8 hours and 5 hours onward.
- When the recharging is over, plug out the charger from the electrical outlet and detach the connectors.

CAUTION:

- Charge only nickel cadmium type rechargeable battery. Other types of battery may burst causing injury to persons and damage.
- Never let the charger or battery pack get wet or damp.
- Do not dismantle or modify the battery or charger. No user serviceable parts are inside.
- Over charging can damage the battery pack so observe the prescribed recharging time.
- Do not recharge in high temperatures or bring the battery pack near a flame.
- Check the battery regularly for leakage.
- Remove empty battery from the vehicle.
- Never try to charge non-rechargeable battery.
- Removable battery which can be recharged must be removed from the vehicle prior to charging.
- Do not recharge the battery pack while it is still heated after use. Wait until it cools to recharge.
- The Ni-Cd battery pack should be recharged under the supervision of an adult.
- When detaching the plug or connector, don't pull the cords or wires.
- Use only the recommended battery or battery of equal quality.
- Never incinerate used batteries, as they can explode causing serious accidents.



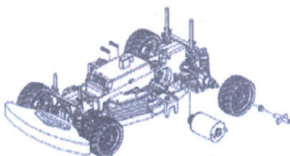
OPTIONAL PARTS



MOTOR



WHEEL



TROUBLE SHOOTING

PROBLEM	CAUSE	REMEDY
Vehicle does not move.	Weak or no battery in vehicle.	Install charged battery.
	Damaged motor.	Replace with new motor.
	Damaged electronic speed controller	Ask manufacturer to repair
	Worn or broken wiring.	Splice and insulate wiring completely.
No control.	Improper antenna on transmitter or vehicle.	Fully extend antenna.
	Improper lubrication on rotating parts.	Apply grease.
	Weak or no batteries in transmitter or vehicle.	Install charged or fresh batteries.
	Another R/C model using same frequency.	Try a different location to operate your vehicle.

FCC STATEMENTS

"Modifications are not authorized by the manufacturer may void users authority to operate this device."