1/5 RADIO CONTROL MOTORBIKE

© NIKKO
PT-24810

Owner's Manual
Manuel du lutilisateur
Manual del Propietario

NIKKO AMERICA, INC

Repair and Parts Department
Monday to Friday 8:30AM-5:30PM Central Time
Repair : (800) 736-4556
Parts : (800) 776-4556
Fax : (972) 578-7059
e-mail : help@nikkoamerica.com

• Recharge the Battery Before You Start to Operate
• Recharger la batterie avant d'allumer
• Recargue la bateria antes de empezar a jugar

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.INPUT : 120VAC, 60HZ, OUTPUT : 12VDC, 200mA

ATTENTION PARENTS

It is recommended that this toy and all accessories be periodically examined for potential hazards and that any potential hazardous parts be repaired or replaced.

- **Please read carefully before starting to operate.**
  Keep the display box and the manual for future reference.
  Warning! Use under the direct supervision of an adult
  Actual product may vary from illustration of this manual.

PRINTED IN MALAYSIA
IMPRIME EN MALAISIE
IMPRESO EN MALASIA

FEATURES

★ 2-channel full function: Forward, left/ right turn and stop.
★ Front & rear suspension.
★ Electric Break System.
★ 3 bands selector switch.
★ Beginner/ Expert setting is possible by changing the side bumper attachment position.

BATTERY REQUIREMENTS

Vehicle : Ni-Cd rechargeable battery pack (9.6V, 600mAh- 650mAh)
Transmitter : 1 x 9V(006P)battery

ATTENTTION: JOUET ELECTRIQUE

Non recommandé pour les enfants de moins de 8 ans. Comme aves tous les appareils électriques, des précaut ons doivent être observées pendant la manipulation et l'emploi pour éviter toute décharge électrique.
Entrée: secteur 120 VAC, 60 Hz seulement
Sortie: 12VDC 200mA

PARENTS ATTENTION

Il est recommandé de vérifier périodiquement l'absence de risque potentiel sur ce jouet et tous les accessoires et de réparer o remplacer les pieces potentieliement dangereuses.

Réplartement Réparation et pièces Lundi au vendredi, de 8h30 à 17h30, heure centrale
Réparations : (800) 736-4556
Pièces : (800) 776-4556
Fax : (972) 578-7059
Courrier électronique : help@nikkoamerica.com

- **Lisez attentivement ce manuel avant de commencer à utiliser le véhicule.**
  Conservez la boîte d'exposition et le manuel pour toute référence ultérieure.
  Attention! A utiliser sous la supervision directe d'un adulte.
  La moto contenue dans l'emballage peut ne pas correspondre exactement aux illustrations.

CARACTERISTIQUES

★ Fonction complète double canal: avant, gauche/droite et arrêt.
★ Suspension avant arrière.
★ Système de freinage électrique.
★ Sélecteur 3 bandes.
★ Il est possible de passer du mode débutant au mode expert en modifiant la position de la fixation du pare-choc latéral.

PILES

Véhicule : a set de piles Ni-Cd rechargeables (9,6V, 600mAh- 650mAh)
Emetteur : 1 pile 006p(9V)

PRECAUCÓN: JUGETE ELÉCTRICO

No recomendado para niños de menos de 8 años de edad. AL igual que con todos los productos eléctricos, para evitar un shock eléctrico, se deben observar precauciones especiales al manipular y usar este juguete.
Entrada: Solamente 120 VAC, 60 Hz.
Salida: 12 VDC, 200mA

ATENCIÓN PADRES

Se recomienca que este juguete y todos sus accesorios sean examinados periódicamente para tratar de encontrar peligros potenciales provocados por piezas que necesiten ser reparadas o cambiadas.

Departamento de Reparación y Repuestos Lunes a viernes 8:30AM-5:30PM Hora Central
Reparacioness : (800) 736-4556
Repuestos : (800) 776-4556
Fax : (972) 578-7059
e-mail : help@nikkoamerica.com

- **Lea estas instrucciones detenidamente antes de la utilización.**
  Guardar la caja y el manual para su consulta en el futuro.
  ¡Precautión! Úselo bajo la supervisión diercta de un adulto.
  El producto real puede diferir ligeramente de las ilustraciones.

CARACTERÍSTICAS

★ Función total en dos canales : Adelante, giro izquierda/derecha y paro.
★ Suspensión delantera y trasera.
★ Sistema de frenado eléctrico.
★ 3 interruptor del selector de la banda.
★ Se puede configurar como principiante o experto cambiando la posición del parachoques lateral.

PILAS USADAS

Vehiculo : Pack de bateria 1x NiCd recargable (9,6V, 600mAh- 650mAh)
Transmisor : 1 pila de 9 V (006P)

CONTENTS

Motorbike

Transmitter

Charger

9.6V Ni-Cd battery

Stand

Battery lid

Transmitter antenna

Antenna tube

Side bumper

9 V(006P) battery

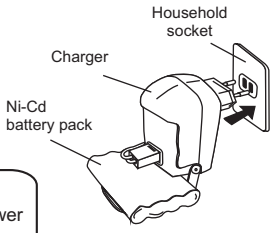
Manual & sticker

RECHARGING

"WARNING! USE UNDER THE DIRECT SUPERVISION OF AN ADULT."

* **The newly purchased Ni-Cd pack is not charged. Charge before operating.**

1. Connect the connector of the charger to the connector of the Ni-Cd battery pack.
2. Plug the charger into an electrical outlet.
3. Recharge for about 4-5 hours.
4. When the recharging is over, plug out the charger from the electrical outlet and detach the connectors.



☑ BATTERY CHARACTERISTICS AND RECHARGING TIPS

When playing for the first time after purchase, or after a long interval, the battery power may be weak. Even after recharging, the playing time can be relatively short. The battery will gradually regain power after 2 or 3 repetitions of usage and recharging.

⚠ CAUTION

- Do not charge Battery Pack immediately after use. Wait until it has cooled before charging.
- Avoid short circuits. Short circuits will cause overheating, burning of the cords and other damages to the battery Pack and Charger.
- The Ni-Cd Battery Charger should be used for charging one Battery Pack. Do not use the Charger for charging other type of batteries and battery packs
- Do not use the Charger as a direct current outlet for other electrical appliances or machines.
- Make sure that the Battery Pack and Charger are kept out of the hands of infants and small children while charging.
- Do not charge near fires, where the temperature is extremely high, or where it is wet or damp.
- The charger will become slightly heated while charging. Allow sufficient free space around the Charger.
- If the power of the battery pack is weak in spite of proper charging, the batteries may be worn out from repeated use. Replace it with a new Ni-Cd battery pack.
- Dispose of used Ni-Cd battery packs correctly.
- Disconnect the supply before making or breaking connections to the battery.
- Only use batteries or accumulators of the recommended type or a similar type.

WARNING AGAINST RECHARGING NON-RECHARGEABLE BATTERIES.

- Please use this battery charger only for the charge of the rechargeable battery pack.
- The Ni-Cd battery pack should be charged under the supervision of an adult.

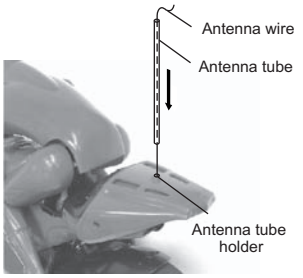
PREPARATION FOR STARTING OPERATION

1. HOW TO ATTACH ANTENNA TUBE

Insert the antenna wire through the antenna tube, then insert the tube into the antenna tube holder.

If the antenna tube cannot be successfully inserted into the antenna tube holder, try holding the root of the antenna wire with one hand and extending the wire with the other hand.

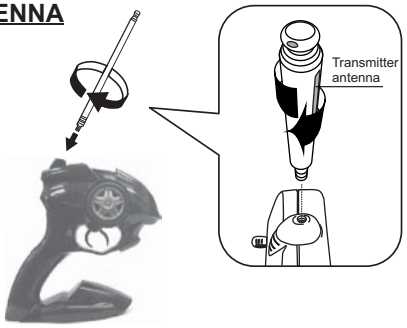
*** Precautions: Do not pull the antenna wire too strong.**



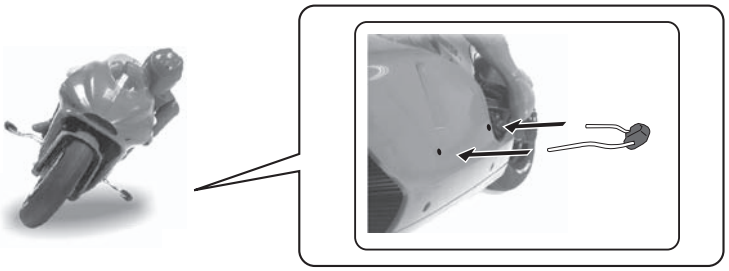
2. HOW TO INSTALL THE TRANSMITTER ANTENNA

Place the transmitter antenna into the antenna holder and turn it clock-wise to screw it in position.
Do not extend the antenna when installing. It is dangerous.

If the antenna is not screwed in securely, the motorbike may move erratically. Screw the antenna securely.

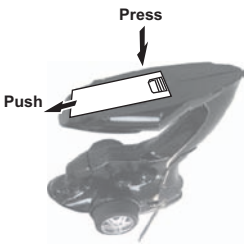


3. HOW TO ATTACH THE SIDE BUMPER



4. HOW TO INSTALL THE BATTERIES

Transmitter



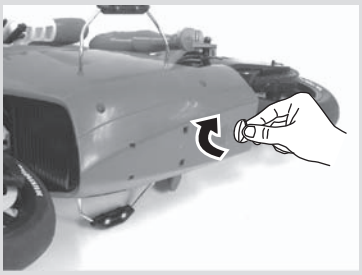
To remove the battery lid, press the point marked “OPEN” and slide the lid downward.

Make sure that the ⊕ and ⊖ poles are positioned correcting when installing the batteries.

* Dispose the used batteries separately from other trash.

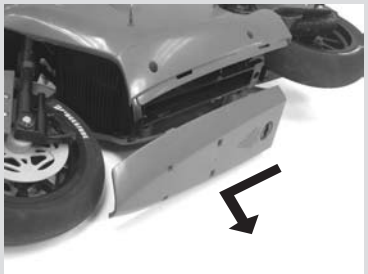
VEHICLE **When installing a Ni-Cd battery pack, make sure that the power switch of the vehicle is OFF.**

1



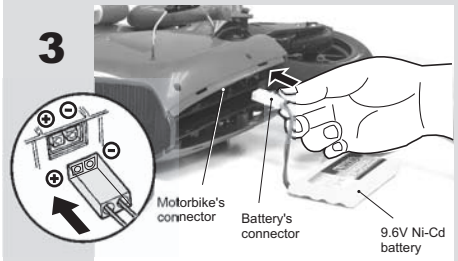
Push and turn the battery stopper.

2



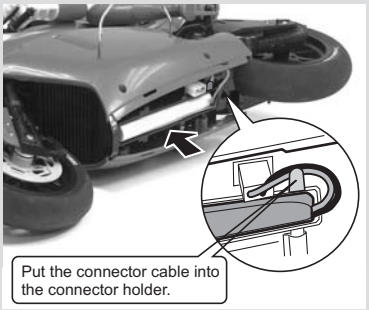
Slide the battery lid and remove.

3



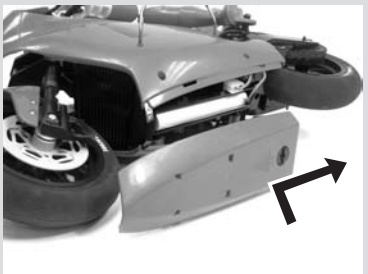
Connect the battery's connector to the motorbike's connector.

4



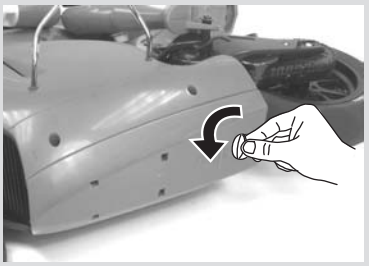
Install the Ni-Cd battery into the motorbike.

5



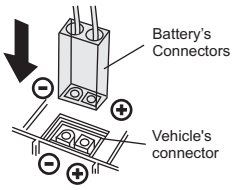
Return the battery lid to its original position.

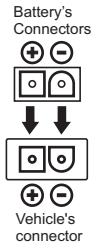
6



Turn the battery lid stopper to its original position.

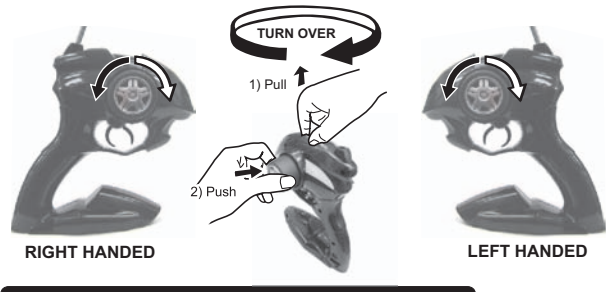
⚠ CAUTION **Insert the connector (The ⊕ and ⊖ positions are as shown, do not connect wrongly. Do not force in, it may cause short circuit; it is dangerous.)**





- When you connect the connectors. Make sure the vehicle switch is in the "OFF" position.
- Fixed connectors properly.(The connectors are designed to be connected in only one way so that the positive ⊕ and the negative ⊖ terminals are connected accurately.)
- Disconnect the connectors immediately after played.
- When you disconnect the connectors, be careful do not pull the wire too strongly.
- Avoid short circuits because it is very dangerous.
- Remove all the batteries both from the vehicle and the transmitter after played.

TRANSMITTER FOR BOTH RIGHT-HANDED AND LEFT-HANDED USERS

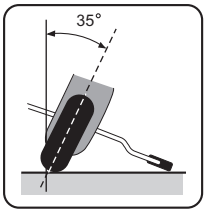


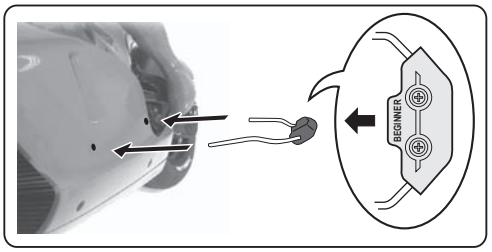
If you want to hold the transmitter with your right hand, pull the tab (as shown) and push in the steering control wheel until it protrudes from the reverse side. You can only control the vehicle from the side in which the steering control wheel is protruding. You can NOT control the vehicle properly from the side in which the steering wheel is stored away.

SIDE BUMPER EXPLANATION

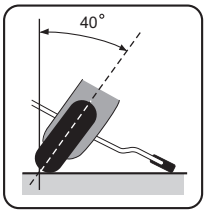
The side bumpers attached to the right and left of the motorbike prevent overturn at bank angle (inclination) to a certain degree when cornering.
There are two types of attachment available, so change to suit your purpose.

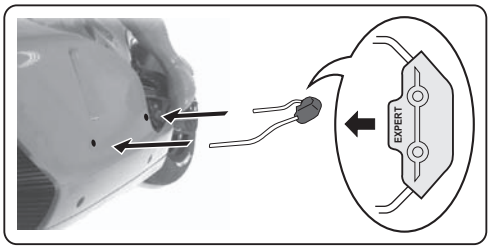
BEGINNER MODE





EXPERT MODE



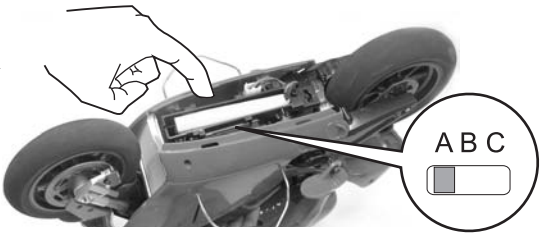


HOW TO PLAY

- **Remove all objects on the playing surface before start.**
- **Play in the Beginner Mode until you are still familiar with the controls.**

Band selector switch on transmitter

Band selector switch on vehicle chassis



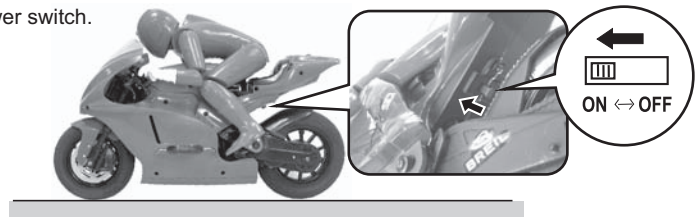
(1) Ensure that band selector switch on transmitter and vehicle are set to the same letter - A, B or C.

2. Extend the transmitter antenna.

(You can control farther by lifting the transmitter higher)

3. Turn ON the power switch of the transmitter. (The LED will light up.)

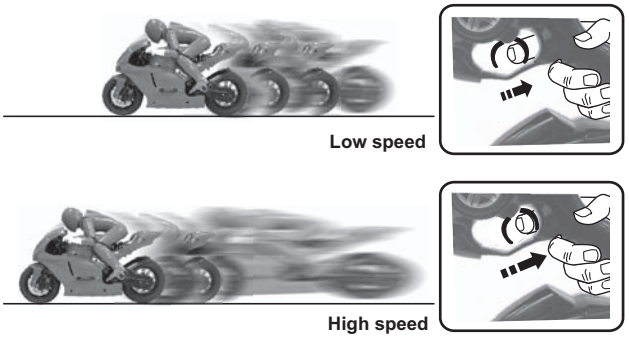
4. Turn ON the motorbike power switch.

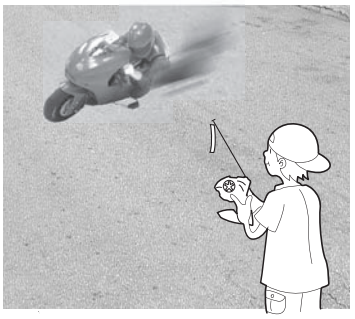


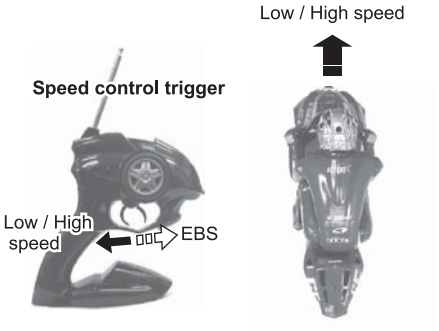
5. Hold the transmitter with one hand, and carry the motorbike with another hand.
Then pull the speed trigger slightly to turn the rear wheel.
(This preparation may help to prevent overturn during start).

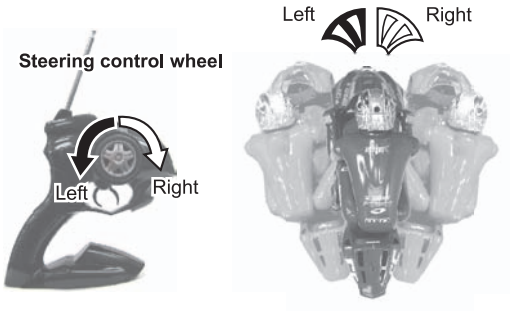
6. Start the motorbike while pushing it forward.

7. Start playing using the speed control trigger and steering control wheel.
The speed control trigger allows two-step speed control.







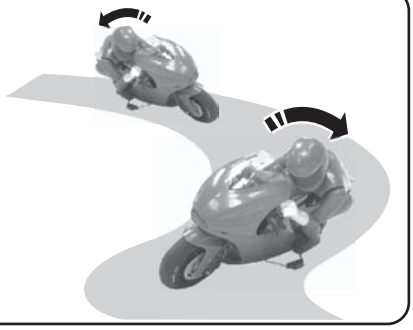


- Pull trigger to drive Low / High speed.
- Push trigger to EBS.
- Release trigger to stop.

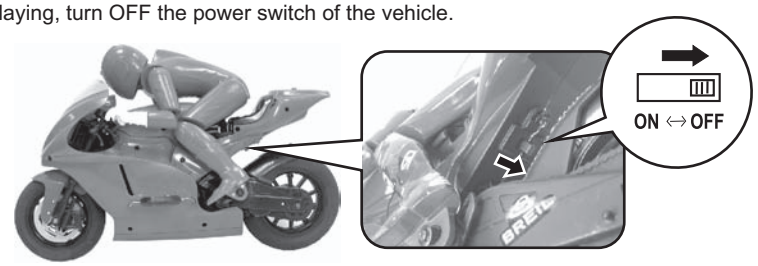
- Turn wheel to clockwise for right turn.
- Turn wheel to counterclockwise for left turn.
- Release wheel to drive straight forward.

CORNERING

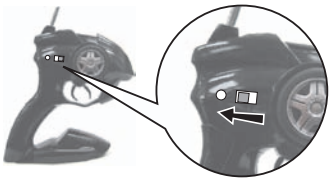
If you turn the steering wheel to the left or right, the rider figure will shift its position in that direction. This shift of balance will make the motorbike bank (lean) in that direction. The motorbike tends to move in the direction in which it is banked. This use of the rider's shift in balance is the basic cornering technique.



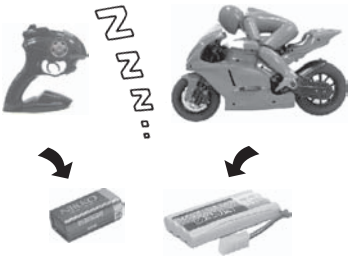
8. After playing, turn OFF the power switch of the vehicle.



9. Turn OFF the transmitter switch.

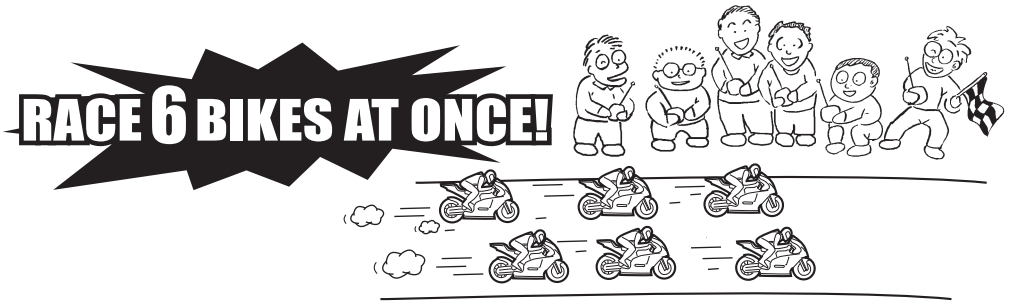


10. To prevent damage from battery leakege, remove all the batteries from transmitter and vehicle after playing.

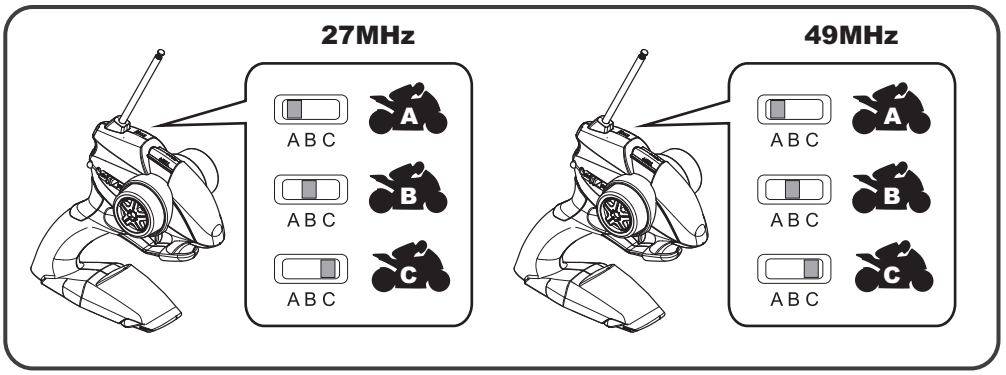


CAUTION

- When the vehicle slows down or starts moving erratically, replace vehicle's battery with fresh or fully charged one.
- This vehicle is very fast. Operate the vehicle carefully.
- To protect the racer's motor, let it cool for at least 20 minutes after you use up a battery pack.



■ 3 BANDS FOR FREQUENCY 27 MHz AND 49 MHz, ALLOWS UP TO 6 BIKES TO RACE AT ONCE.

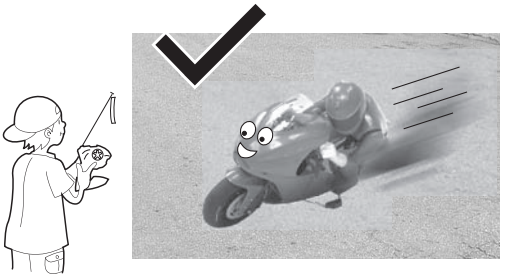


WHERE TO PLAY MOTORBIKE

Please select smooth surface for playing.

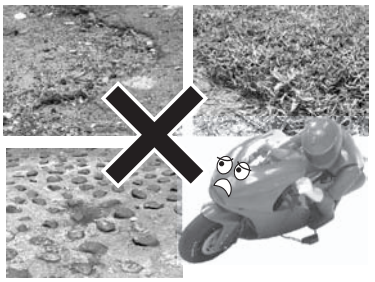
Roads suitable for playing :

Concrete without sand on the surface, asphalt surface without holes



Roads not suitable for playing :

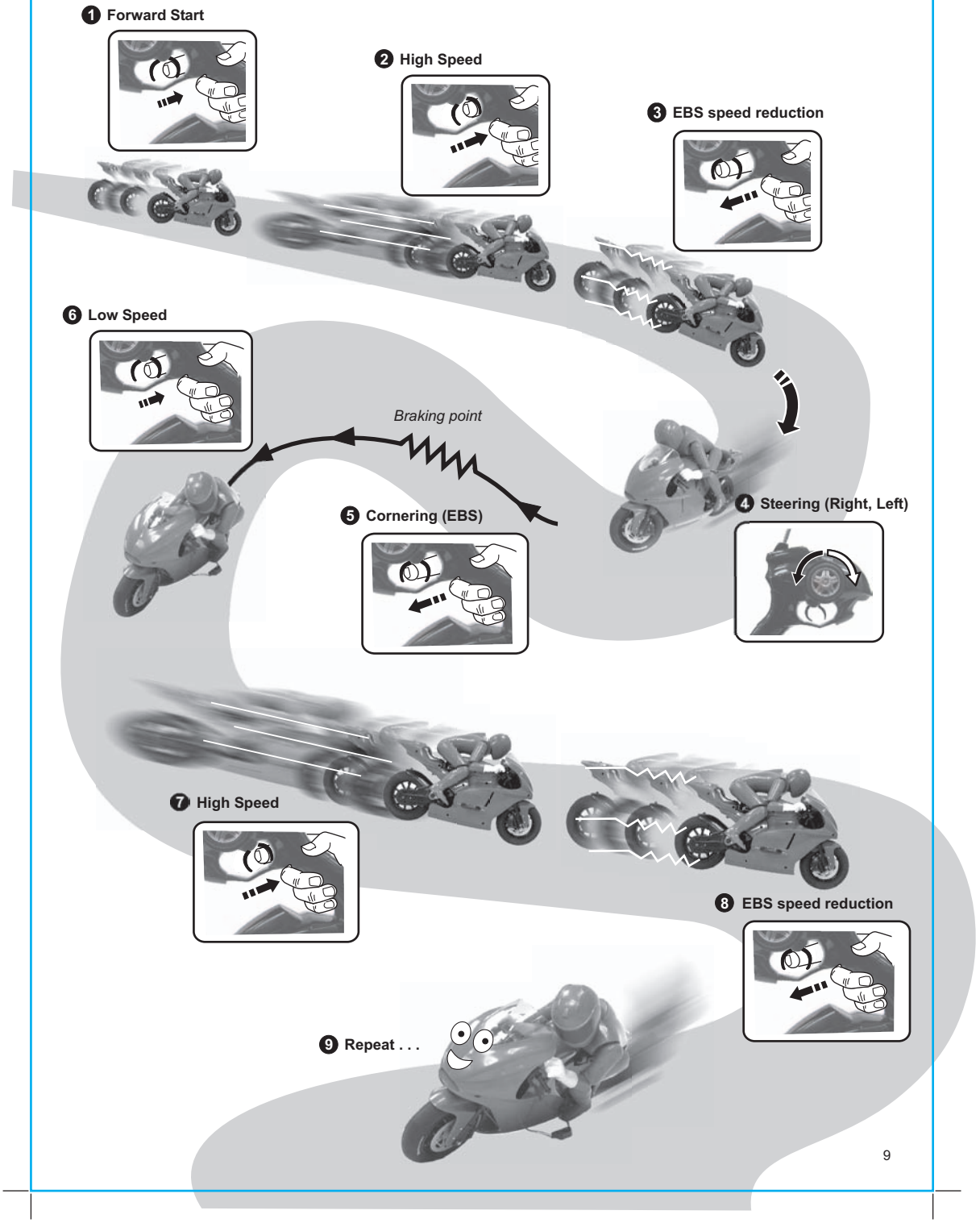
Sandy concrete surface, asphalt with holes, unpaved area, tiled road.



- **Check the surface before playing.**

  Roads in poor condition normally cannot be used. Normally the motorbike cannot run on roads in poor condition.

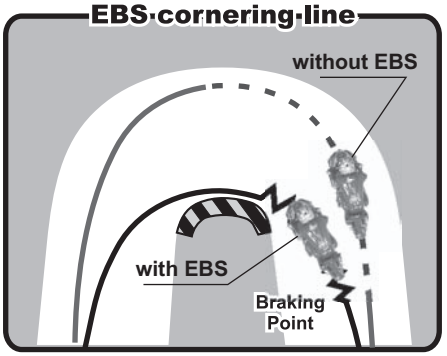
EXPERT MODE TECHNIQUE

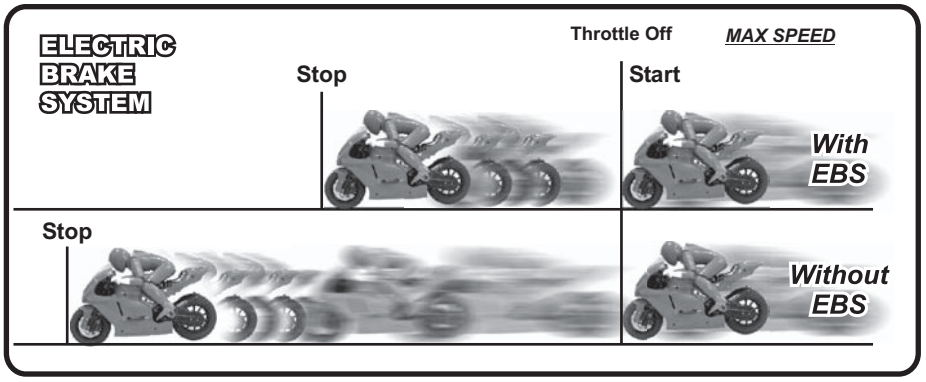


What is EBS (Electric Brake System)?

EBS is used to electronically stop a running motor, and similar to an actual brake in a car, it enables stopping within a short distance.

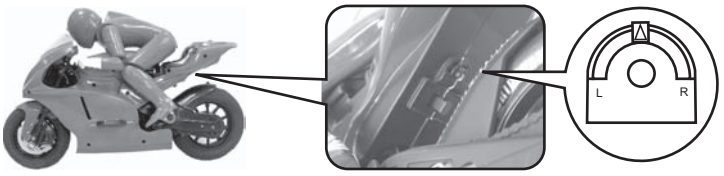
When the speed control trigger is pushed forward to one side, EBS starts to work and allows cornering in high speed. When cornering using speed control trigger, a large radius is normally required, but using EBS right before cornering, the required radius is smaller.



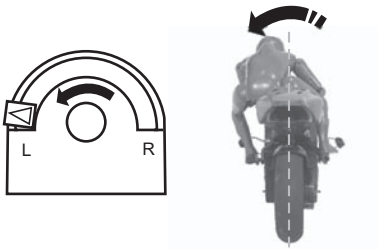


TO ADJUST STEERING ALIGNMENT

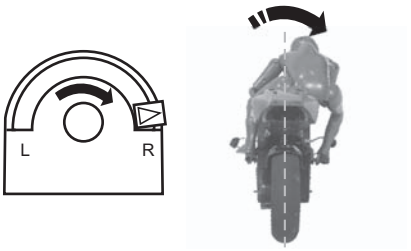
Adjust the steering alignment when the vehicle does not run straight forward.



Turn the steering alignment lever towards "L" if the vehicle runs towards right.

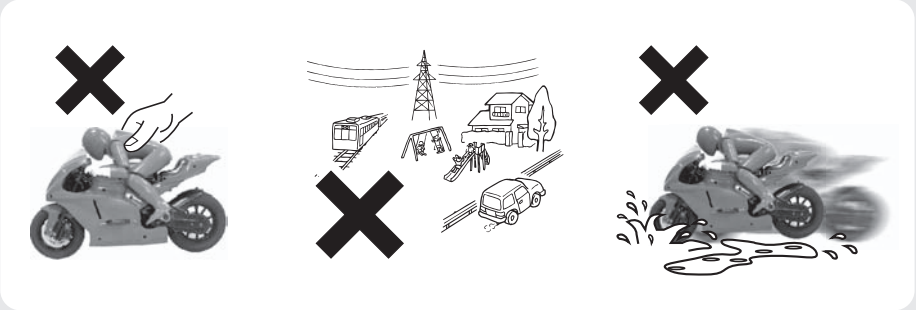


Turn the steering alignment lever towards "R" if the vehicle runs towards left.



⚠ PRECAUTION

- When carrying the motorbike, do not lift the rider. Always use both hands to carry from the bottom of the motorbike.
- Otherwise the rider's hand may come out of the motorbike handle, or the motorbike attachment may be damaged.
- **If rider's hand is not on the handle, insert the pillow ball which is attached to the handle onto the hole of the hand.**
- When not in use, mount the motorbike on the stand provided and keep it.
- Do not bang it, or play it at water area. Otherwise, this may the damage motorbike.
- Do not play it at locations where there are people or cars moving around. It is dangerous.



PRECAUTIONS DURING PLAYING

- Tire grip is very important during running. Dust causes imbalance running.
  Wipe the tires with a piece of cloth before playing.
- The side bumper will hit the road during cornering, and it may over turn. In such circumstances, use the speed control trigger or steering control wheel to balance.
- When the motorbike's Ni-Cd battery pack power is low, the rider inclination becomes less, and turning circle become smaller. In such case, recharge the Ni-Cd battery pack.
- Due to battery characteristics, recharge at a warm location. If recharging at a cool location, the power of the battery will be lower than usual and unable to achieve the specified running time.
- If the front wheel bumps into stones and holes, its movement may become shaky and unsteady. Stop playing for a while and the motorbike will restore to its original state.

⚠ CAUTION

- Check the batteries regularly for leakage.
- Remove empty batteries from the toy.
- Never try to charge non-rechargeable batteries.
- Rechargeable batteries may only be charge under the supervision of an adult.
- When inserting the batteries take care not to reverse their polarity.
- Never use batteries of different manufacturers, and do not mix old and new batteries.
- Use only the recommended batteries or batteries of equal quality.
- Never short-circuit the terminals.
- Rechargeable batteries which can be recharged must be removed from the toy prior to charging.

TROUBLE SHOOTING

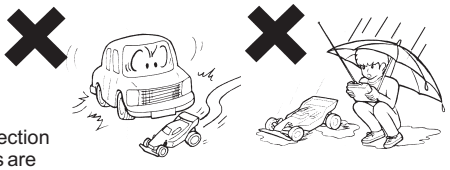
Read the following troubleshooting guides when you have trouble operating the motorbike.

The motorbike does not move	
Cause	**Remedy**
The power of the transmitter's or Ni-Cd battery pack is depleted.	Either replace the transmitter batteries, or recharge the Ni-Cd battery pack.
The '+' and '-' ends of the transmitter batteries are positioned in the wrong	Change the direction of batteries.
Battery contact point is rusted.	Remove the rust from the battery contact point with a sand paper.
The motorbike or transmitter power switch is positioned to OFF.	Turn ON power switch.
A radio controlled car with the same frequency is running nearby	Either move to another location or play later.
The transmitter antenna is not extend.	Extend the transmitter antenna.
The transmitter distance between the transmitter and the motorbike is too far.	Move the transmitter closer to the motorbike. And, lift the transmitter antenna higher to control farther.

OPERATION SAFETY RULES

Select a SAFE place to operate your vehicle, Do not drive in the street. Avoid driving on SAND or through puddles of WATER. These hazards can impair performance. Check the surface ahead of you and watch for obstacles.

The radio receiver in your vehicle and transmitter are sensitive instruments. Do not leave Vehicle or Transmitter near sources of HEAT or under DIRECT SUNLIGHT for long periods of time.
Avoid leaving Vehicle or Transmitter OUTSIDE OVERNIGHT. NIGHT DAMPNESS IS HARMFUL TO INTERIOR MECHANISM.



Cleaning and maintenance:
This toy vehicle needs periodic maintenance and cleaning.

Warning to the parents:
The charger for the Ni-Cd battery pack needs periodic inspection to see that the lead wires, plugs, outer case, and other parts are not damaged in any way. If any of the parts are damaged, do not use the charger until it is completely repaired.

Caution:
Keep out of reach of small children under 36 months old as there is danger of getting hurt.
CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

RADIO INTERFERENCE:
Sometimes erratic behavior or loss of control of vehicle is the result of interference caused by high tension wires, high voltage transformers, certain types of building, concrete walls or narrow places where RADIO SIGNALS sent from your transmitter MAY BE SCATTERED thus making it DIFFICULT for your vehicle to receive a GOOD RADIO SIGNAL.
If you encounter this type of behavior or loss of control, CHANGE TO A DIFFERENT LOCATION.
You will encounter INTERFERENCE if ANOTHER radio controlled vehicle or CB radio is operating in the vicinity on your SAME FREQUENCY.

CAUTION

DO NOT use chemicals as they can deform or damage the body.

DO NOT operate your vehicle on tick-piled carpets. It can be dangerous since the carpet fiber may twine round a shaft and cause a motor overheated.

THE RBRC™ Seal on the nickel cadmium battery pack indicates that Nikko America is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life. The RBRC program provides a convenient alternative to disposing nickel-cadmium batteries into the trash or municipal waste stream, which is illegal in some areas.
Nikko America's payments to RBRC makes it easy for you to drop off the spent battery pack at local retailers who sell replacement nickel-cadmium batteries.
You may also contact your local recycling center for information on where to return the spent battery pack. RBRC is a trademark of the Rechargeable Battery Recycling Corporation.

THE FCC WANTS YOU KNOW
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.
(2) This device must accept any interference received, including interference that may cause undesired operation.
Your R/C car might cause TV or radio interference even when it is operating properly.
To determine whether your R/C car is causing the interference, turn off your R/C car.
If the interference goes away, your R/C car is causing the interference.
Try to eliminate the interference by:
- Moving your R/C car away from the receiver.
- Contacting your local store for help.

If you cannot eliminate the interference, the FCC requires that you stop using your R/C car.

Níopérez PAS le véhicule sur un tapis à poils longs.Cela peut être dangereux parce que les poils du tapis peuvent síenrouler autour díun arbre et provoquer la surchauffe du moteur.

Líautocollant RBRC™ sur la batterie nickel-cadmium indique que Nikko America participle volontairement au programmed u secteur díindustrie pour la collecte et le recyclage de ces batteries à la fin de leur vie de service. Le programme RBRC offer une option de remplacement pratique à la mise au rebut des batteries nickel-cadmium dans la poubelle ou dans le flux de dechets municipal, ce qui est illégal dans certaines régions.
Les paiements de Nikko America à RBRC facilitent pour vous la dépose des batteries usées chez un revendeur local vendant des batterie nickel-cadmium de remplacement.
Vous pouvez également contacter votre centre de recyclage local pour obtenir les addresses auxquelles retourner les batteries usées.
RBRC est une marque de fabrique de Rechargeable Battery Recycling Corporation.

Ce que FCC souhaite que vous sachiez
Ce dispositif est conforme à la Partie 15 des règles FCC. Le fonctionnement est soumis aux deux conditions suivantes:
(1) Ce dispositif ne provoquera pas d'interférences nuisibles.
(2) Ce dispositif peut être affecté par des interférences recues, y compris des interférences pouvant provoquer un fonctionnement indésirable.
Votre véhicule radioguidé peut provoquer des interférences sur un téléviseur ou une radio, même quand il fonctionne correctement. Pour vérifier si cíest le véhicule redioguidé qui provoque les interférences, mettez-le hors tension. Si l'interférence disparaît, le véhicule en est la cause. Essayez alors de l'éliminer comme suit:
- Eloignez votre véhicule radioguidé du récepteur.
- Consultez votre revender local.

Si líinterference ne peut pas être éliminée, les règles FCC exigent que vous arrêtiez díutiliser votre véhicule radioguidé.

NO HAGA funcionar su vehiculo en alfombras peludas gruesas.
Puede ser peligroso ya que las fibras de la alfombra pueden enrollarse en al eje y provocar el recalentamiento

El sello RBRCä colocado en el paquete de pilas de niquel cadmio indica que Nikkon Ameraca está Participando voluntariamente en un programa de la industria que recupera y recicla estas pilas al final de su vida útil. El programa RBRC es una alternative conveniente a eliminar las pilas tirándolas albasurero o entregarlas al servicio de recolección municipal, lo que es ilegal en ciertas zonas.
El pago que hace Nikko America a RBRC le facilita dejar los paquetes de pilas gastadas en los negocios que venden pilas de niquel cadmio de reemplazo.
Puede también tener contacto con su centro de reciclado local para obtener mayor información sobre el lugar al que debe llevar su paquete de pilas gastado.
RBRC es una marca registrada de la Corporación de Reciclado de Pilas Recargables.

EL FCC DESEA QUE USTED SEPA QUE
Este dispositivo cumple con la parte 15 de las Reglas del FCC . Su operación está sujeta a las siguientes dos condiciones:
(1) Este dispositivo no debe causar interferencia prejudicial.
(2) Este dispositivo acepta cualquier interferencia recibida, incluyendo interferencia que puede provocar operaciones indeseadas.
Su vehhiculo R/C (controlado por radio)puede causar interferencia de TV o radio, incluso en caso que esté operado propiamente.
Para determiner si es su vehiculo R/C el que está provocando la interferencia, desconecte su vehículo R/C.
Si la interferencia desaparencia desaparece, su vehiculo R/C está causando la interferencia. Trate de eliminar la interferencia mediante:
- Moviendo su vehículo R/C lejos del receptor afectado.
- Tenga contacto con su distribuidor local para solicitor consejos.

Si no puede eliminar la interferencia, el FCC require que usted deje de usar su vehículo R/C.