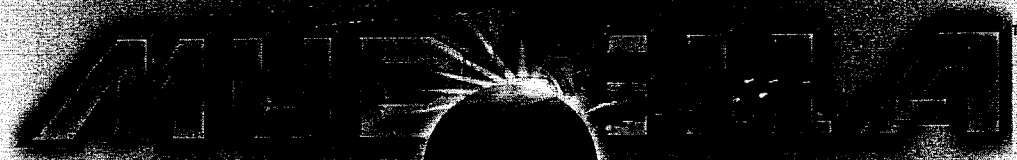


MUELLA

instruction manual



Meet The Toughest, Meanest Truck On The Block — MUDZILLA™!

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Meet The Toughest, Meanest Truck On The Block — MUDZILLA™!

Mudzilla™ is powered by two high torque high output electric motors driving all four wheels. This gives it incredible power to rumble over any terrain. But, Mudzilla™ has a secret weapon inside it's massive wheels — amazing SPIKES that automatically deploy when ever Mudzilla™ needs some extra traction! These spikes help Mudzilla™ travel where no other truck dare to go – over rocks, up steep hills, even over grassy terrain.

Mudzilla™ was designed to be extremely tough. But, like all high performance vehicles, you have to know how to set it up, drive it, and maintain it to get the most out of it. Please review these instructions carefully and keep them in safe place for future reference.

General Product Description

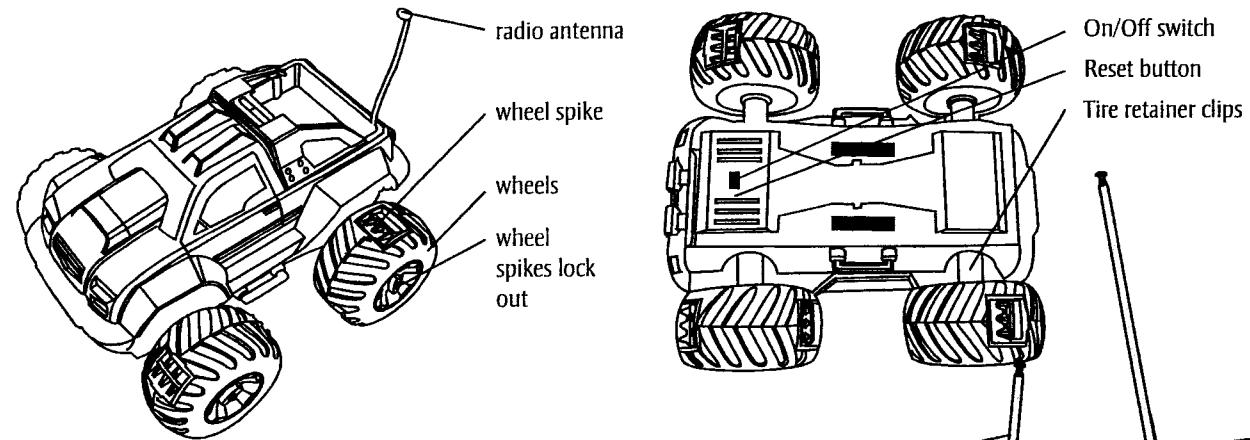


Fig 1
Mudzilla™ truck

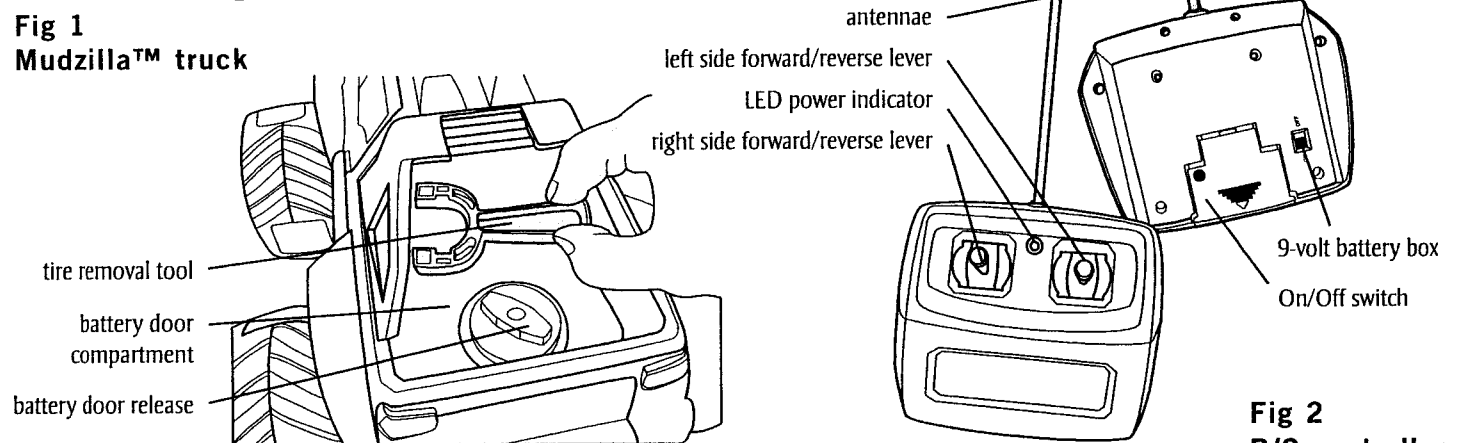
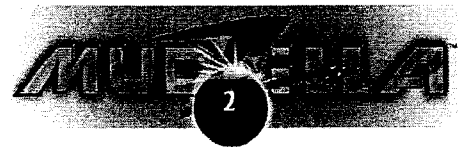


Fig 2
R/C controller

Vehicle Set Up

You will need to supply a fully charged 9.6-volt Ni-cad battery pack to make Mudzilla™ run. These are very commonly available at most toy stores and are made by manufacturers such as Nikko, Radio Shack, or Newbright. These will work perfectly for your vehicle. If you purchase a Ni-cad pack from a hobby store, DO NOT select one with a value greater than 800ma/hour. Using Ni-cad batteries higher than 800ma/hr may cause premature burn out of your electric motors.

NOTE: Follow ALL instructions provided by the manufacturer for your battery pack and charging unit exactly. Be careful to keep the Antenna away from your eyes as you work near the Battery Compartment.

When the Ni cad battery is charged and allowed to cool, open the battery box by moving the battery door release COUNTERCLOCKWISE in the direction of the "unlock" position (**Fig 3**). Slide out the door and connect and lock the power cables as shown (**Fig 4**). Replace the battery compartment door and turn the battery door release CLOCKWISE to the "lock" position.

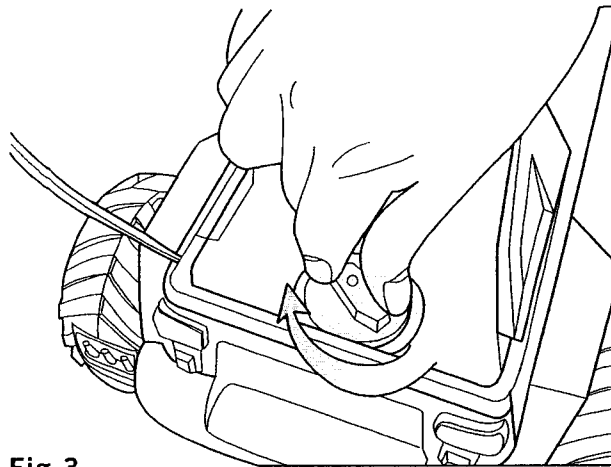


Fig 3

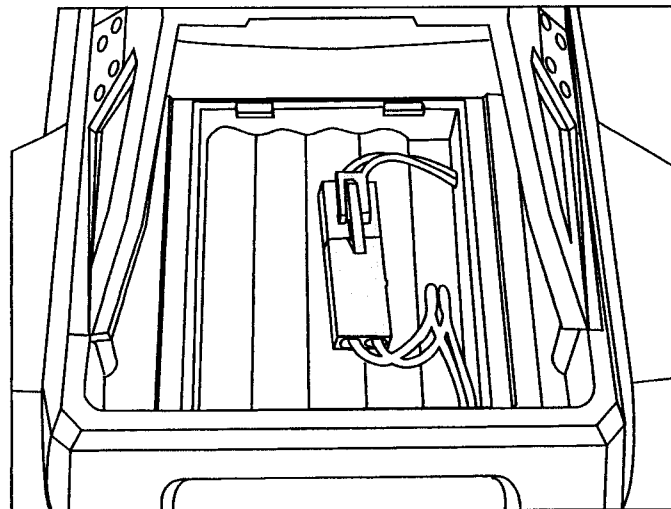


Fig 4



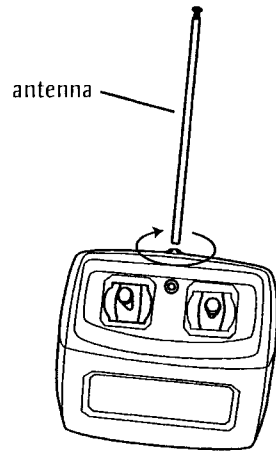


Fig 5

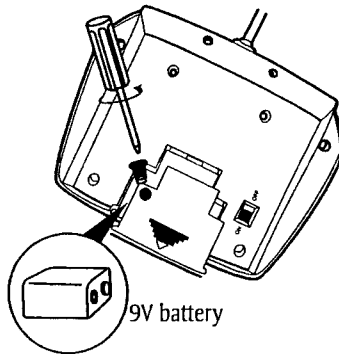


Fig 6



Transmitter Set Up

Find the metal antenna and screw it into the top of the Transmitter (**Fig 5**). Also, make sure that the Antenna in the back of Mudzilla™ is fully raised.

Next, open the battery box in the back of the transmitter with a screwdriver and insert a 9V battery as shown. (**Fig 6**) Replace the battery door and screw with a screwdriver. Carefully extend the metal antenna to its full length. You're Mudzilla™ is now ready to drive!

Finding A Good Location To Run The Mudzilla™ Vehicle

Mudzilla™ is designed to work well on indoors and out. Outdoors, Mudzilla™ has a radio radius of approximately 60 feet. (**Fig 7**). However, indoors the range may be reduced.

When playing outdoors, take Mudzilla™ to a location that will allow you to SAFELY play with it in a large open area. A playground, unused parking lot, or open field with a flat surface will work well. Try to avoid areas that have concrete barriers, walls, or hard obstacles that the vehicle can accidentally hit. NEVER play with your Mudzilla™ in a street where cars, bicycles, people or animals may be, as this can be highly dangerous.

If you decide to run it indoors, be careful to not hit objects, persons, or animals that may get in the way.

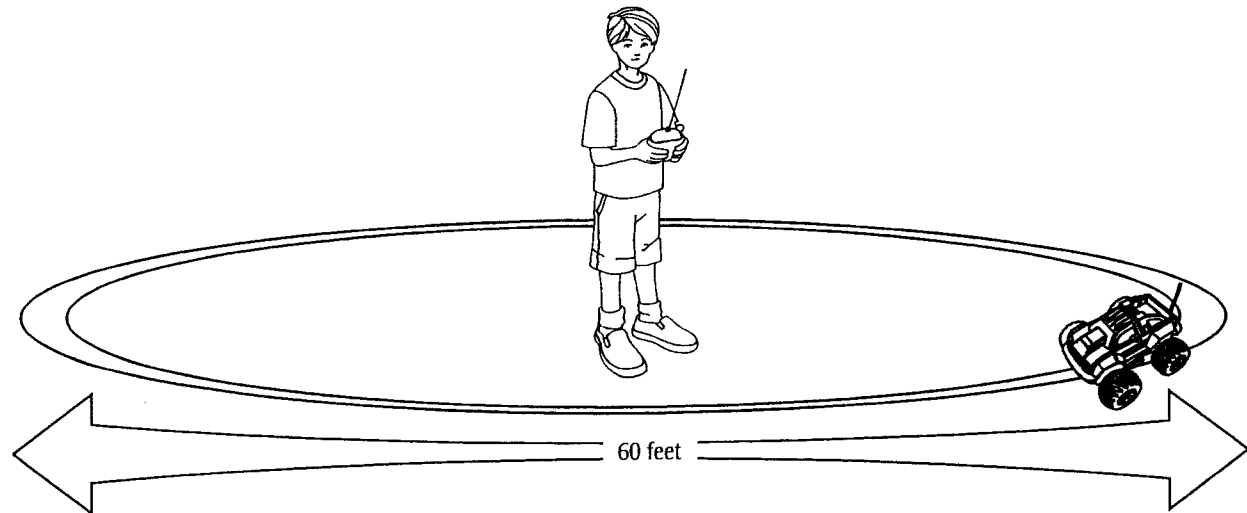


Fig 7

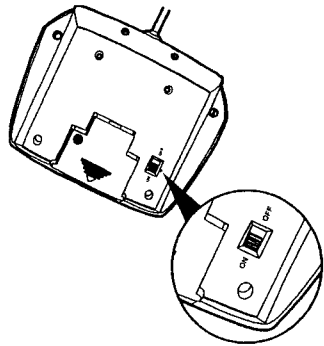


Fig 8

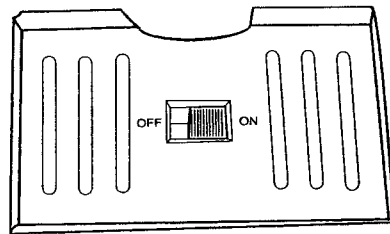


Fig 9

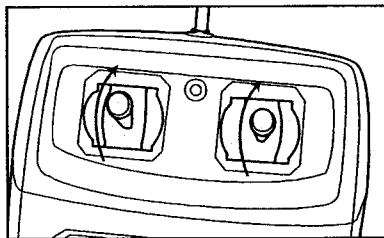


Fig 10

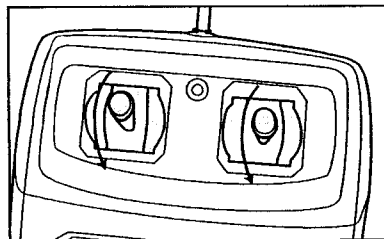


Fig 11

Operating The Vehicle

Turn the On/Off Switch on the transmitter to the On position. The red LED will glow (Fig 8).

Turn the On/Off Switch on the bottom of Mudzilla™ to the ON position (Fig 9).

Mudzilla™ does not steer like a normal car. The wheels are designed to move more like a Tank. This give Mudzilla™ maximum traction and the ability to turn in very small areas.

Here are some tips to get Mudzilla™ to move in correct direction:

To make Mudzilla™ go straight forward, move BOTH joysticks forward at the same time (Fig 10).

To make Mudzilla™ go in reverse, move BOTH joysticks backwards at the same time. (Fig 11)

To make Mudzilla™ go to the left, move the RIGHT joystick forward and do not move the LEFT joystick. (Fig 12)

To make Mudzilla™ go right, move the LEFT joystick forward and do not move the RIGHT joystick. (Fig 13)

To make Mudzilla™ turn in a sharp circle, move BOTH joysticks in the OPPOSITE direction at the same time (Fig 14) .

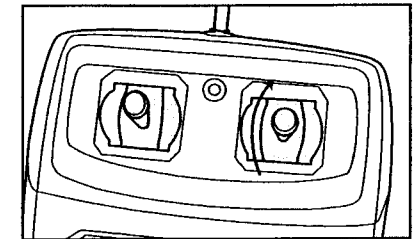


Fig 12

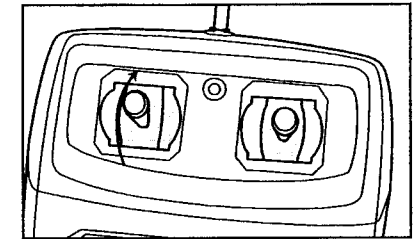


Fig 13

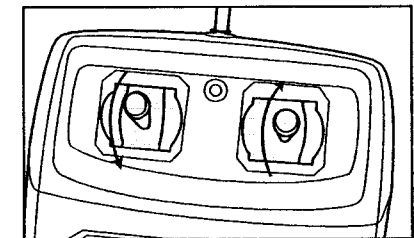


Fig 14

How The Spikes Work

The Spikes are designed to extend AUTOMATICALLY if they are in the "unlocked" position (see the next section). They are not controlled by the controller. Instead, the wheels are designed to "sense" when more traction is needed and deploy the spikes at the appropriate time. (Fig 15) Depending on the terrain, you will see them extend and retract when the vehicle gets into a tough situation.

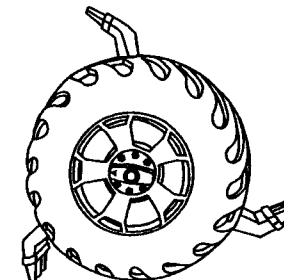


Fig 15



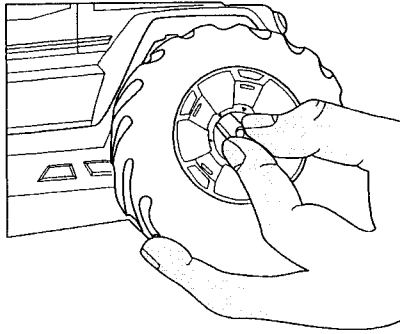


Fig 16

Locking And Unlocking The Wheel Spikes

You can choose to have all of the wheels spikes automatically pop out or have any or all remain in the wheels. This allows you to choose the best performance for your Mudzilla™ depending on the surface you are running. If you are climbing rocks and rubble, you should allow the spikes to extend. If you are on a flat slick surface, you may wish for the spikes to remain in the tires. The choice is yours.

To allow the spikes to extend, In right side wheels PRESS IN and ROTATE the Wheel Spike Lockout COUNTERCLOCKWISE and release (**Fig 16**). In left side wheels PRESS IN and ROTATE the wheel Spike Lockout CLOCKWISE and release.

To keep the spikes from extending, In right side wheels, PRESS IN and ROTATE the Wheel Spike Lockout CLOCKWISE and release. In left side wheels PRESS IN and ROTATE the wheel Spike Lockout COUNTERCLOCKWISE and release.

NOTE: *You must do this for EACH wheel that you want to effect. You can make all four or any of the four wheels act differently if you wish.*

Going Out Of Range

If your Mudzilla™ goes out of effective range of the Transmitter, the vehicle will automatically shut the electric motors off. You will not have control of the vehicle until you get back into range.

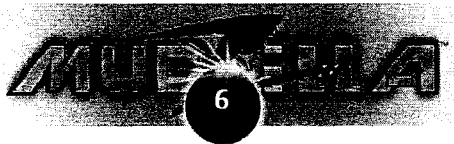
NOTE: *Radio range will vary depending on where you run your vehicle. If you are in an area of high radio "noise" (such as a power transformer, overhead electric lines, or large metal structures), your range may be greatly reduced.*

Important Tips On Cleaning Your Mudzilla™

Your Mudzilla™ will certainly be doing some dirty jobs as you drive it in all sorts of off road areas. Naturally, you want to keep your vehicle looking shiny and new! Here are some tips:

IMPORTANT: *Always REMOVE the Ni-cad Battery FIRST before doing any cleaning of the vehicle. NEVER put too much water on Mudzilla™ or "dunk" it in water. Do not use any "spray" cleaners as this may damage the electronic circuits.*

Instead, clean the body with a damp cloth and wipe any moisture dry. Avoid water going into any cooling slot or holes in the bodywork.



Removing Mudzilla™'s Tires For Cleaning

To clean Mudzilla™'s tires, you need to remove them and clean them separately from the body. Here's how:

Removing the Wheels

- 1) Pull off the Tire Removal Tool from the Battery door compartment door (**Fig 17**).
- 2) Turn your Mudzilla™ vehicle upside down so you can see the axle area between the wheels and the chassis.
- 3) Slide the Tire Removal Tool over the axles to push out the RETAINER CLIPS (**Fig 18**).
- 4) Slide the wheel off of the Axle. **BE CAREFUL NOT TO LOOSE THE CLIPS.** Replace the tool back onto the Battery Compartment door for safe keeping.

You can now wash the tires under gently running water. Shake any water out as best as you can and dry the wheel with a paper towel.

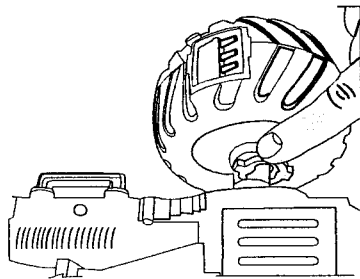


Fig 20

Replacing the Wheels

- 1) Check to see that the rotation of the wheel in the correct direction. Look **PRINTING** at the inside of the tire to help you determine which way is correct (**Fig 19**).
- 2) Using your fingers, place the clip in the correct position on the axle and snap it into place (**Fig 20**).
- 3) Repeat for all four wheels.

Be Careful With Water And Your Mudzilla™!

The Mudzilla™ is designed to allow a very limited amount of water to make contact with it from mud, grass, and damp areas. However, IT IS NOT A BOAT OR SUBMARINE. Do not drive it through water or mud puddles of any kind. Do not place it under a water faucet to fill the tank. Do not wash the vehicle with a hose. Quickly wipe or blow away any water that may drip onto the vehicle.

Keep all liquids from entering the cooling slots by the motor under the car.

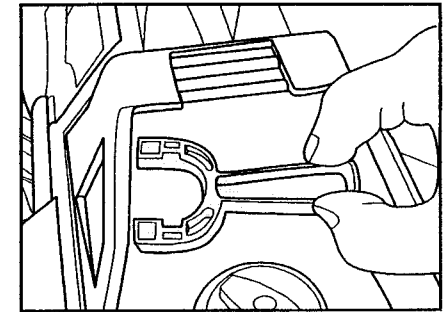


Fig 17

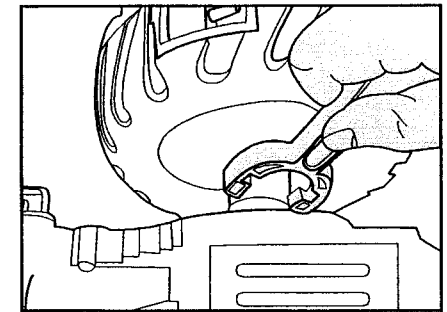


Fig 18

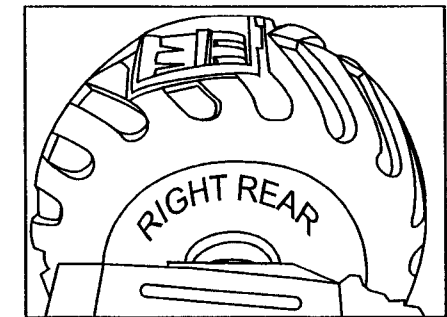
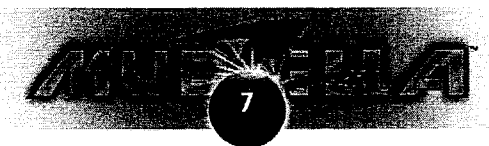


Fig 19



Special Notes About Ni-cad Battery Pack

The 9.6 Volt Ni-cad battery pack will last about 10 to 20 minutes in normal continuous play provided the Ni-cad batteries are in good operating condition and were charged properly. The difference will depend on how hard you drive the vehicle and the battery condition.

If you use a brand new Ni-cad battery pack for the first time, the run time may be significantly less. This is normal. Ni-cad batteries may take a few charges and complete discharges until they reach their maximum energy potential.

When the Ni-cad battery pack is in use, they will get warm to the touch. THIS IS NORMAL. It is also normal that they will become warm when being recharged.

Ni-cad batteries will only be rechargeable for a limited amount of times. Normally, you can charge and discharge them about 1000 times. To help ensure their maximum life and efficiency, always wait until the batteries have cooled before using them or recharging them.

Run the batteries completely down before recharging them. This will allow them to recharge to their peak performance.

ALWAYS comply with the instructions of the manufacturer of your battery pack fully. Always dispose of them in a safe and environmentally correct manner.



Trouble Shooting

Difficulty	Solution
Mudzilla™ does not move.	1) Check to see that the transmitter is ON and the LED indicator lit. Replace the 9 volt battery in the transmitter if necessary. 2) Check to see that the Ni-Cad battery pack is fully charged. 3) Make sure the antenna on Mudzilla and the transmitter are fully extended.
Mudzilla™'s spikes do not extend.	1) Check to see that the Spike Lockouts are in the correct position. 2) Try to run Mudzilla™ over tough obstacles.
Mudzilla™ did not run more than 5 minutes before significantly slowing down.	1) Make sure the batteries were fully charged. 2) Make sure the batteries had a chance to cool down from recharging before using them. 3) If they are brand new batteries used for the first time, try to recharge them again.
Mudzilla™ does not respond well to the transmitter.	1) Move the car to a location that does not have strong radio interference nearby. 2) Make sure the radio antennas are fully upright or extended.
Mudzilla™ slows down significantly when I play for about 10 to 20 minutes.	This is normal. Remove the Ni-cad battery pack and replace it with a fully charged unit.



IMPORTANT PRECAUTIONS

Please follow these important precautions when playing with Mudzilla™:

WHEN REPLACING THE NI-CAD BATTERY, BE CAREFUL TO NOT HIT THE ANTENNA WITH YOUR EYE.

NEVER RUN THE VEHICLE WHERE IT MAY HIT OBJECTS, PERSONS, OR ANIMALS.

NEVER TOUCH THE AREA NEAR THE MOTORS IMMEDIATELY AFTER THE VEHICLE HAS BEEN RUN. THIS AREA MAY BE HOT.

NEVER ATTEMPT TO "UN-JAM" A STUCK VEHICLE BY MOVING THE CONTROL LEVERS FROM THE FORWARD TO REVERSE POSITIONS SEVERAL TIMES IN A ROW.

DO NOT ATTEMPT TO COOL THE MOTOR IN ANY WAY OTHER THAN SIMPLY ALLOWING IT TO REST A WHILE.

NEVER CLEAN THE VEHICLE BY SOAKING IT IN WATER. ALWAYS REMOVE THE NI-CAD BATTERY BEFORE ATTEMPTING ANY CLEANING.

ALWAYS INSTALL THE NI-CAD BATTERIES IN THE CORRECT ORIENTATION OF THE CLIPS AND WIRES.

ALWAYS FOLLOW THE INSTRUCTIONS FROM THE MANUFACTURER OF THE NI-CAD BATTERIES.



Important Battery Information

- Do not dispose of batteries in fire, batteries may explode or leak.
- Do not mix old and new batteries.
- Do not mix alkaline, standard, (carbon zinc) or rechargeable. (nickel-cadmium) batteries.
- One 9.6 volt Rechargeable battery is required to operate the toy.
- Batteries should be replaced by adults because of small parts.
- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged (if removable).
- Rechargeable batteries are only to be charged under adult supervision (if removable).
- Different types of batteries or new and used batteries are not to be mixed.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.
- The packaging has to be kept since it contains important information.



FCC ID: NS613967-27
FCC ID: NS613967-49TX
FCC ID: NS613967-49RX

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user 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 needed.
- Consult the dealer or an experienced radio/TV technician for help.





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MADE IN CHINA

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