

All Funrise Toys Are Backed  
By Toll-Free Customer Support  
If you have questions or difficulty operating this toy  
**DO NOT RETURN IT TO THE STORE**

Please Call Us Toll-Free  
**1-800-882-3808**  
Between 8:00 am - 5:00 pm  
Pacific Standard Time  
Monday-Friday  
[www.funrise.com](http://www.funrise.com)



## CAUTION-ELECTRIC TOY:

NOT RECOMMENDED FOR CHILDREN  
UNDER 8 YEARS OF AGE. PRECAUTIONS  
SHOULD BE OBSERVED DURING HANDLING  
AND USE TO PREVENT ELECTRIC SHOCK.

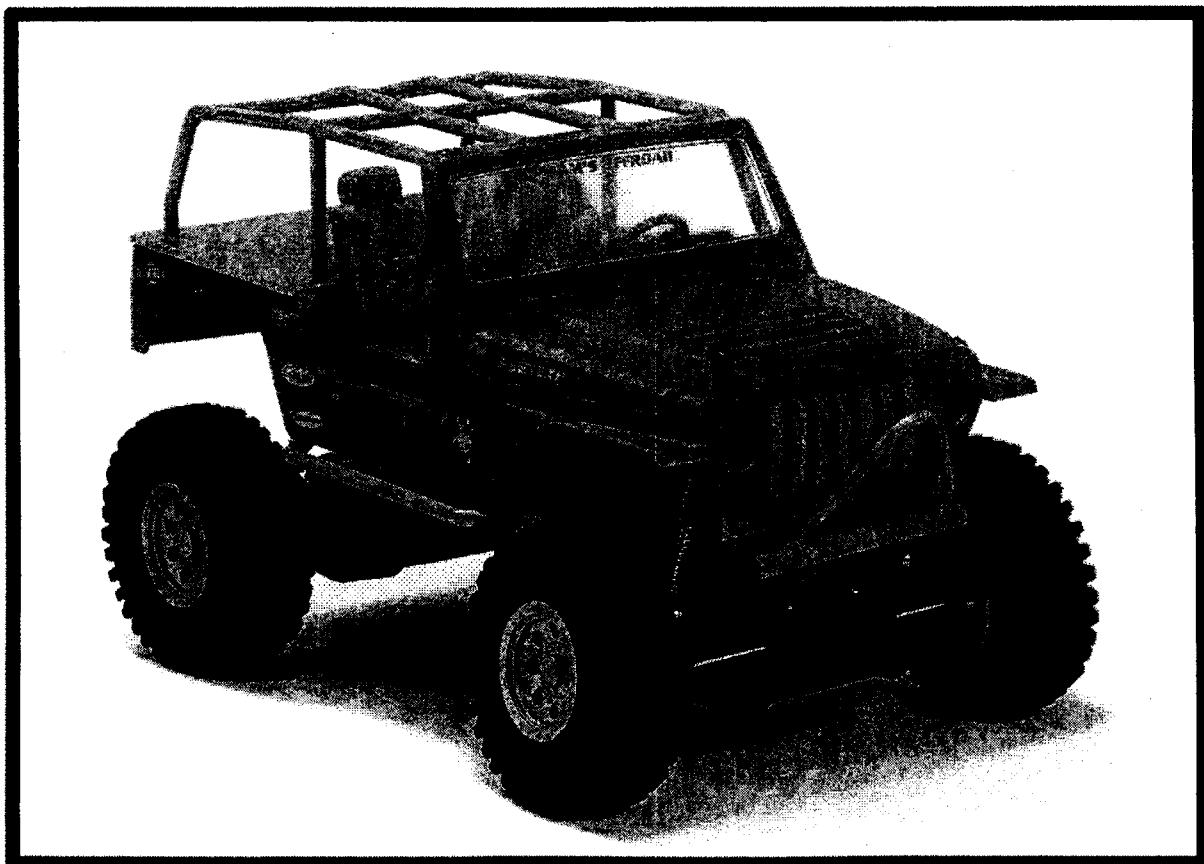
The above caution is for toy transformer only,  
not for the toy.

**NYLINT**

# Radio Control **Rock CRAWLER**

Built by Rock Crawlers for Rock Crawlers!

## Jeep Wrangler Unlimited™



**Please read this manual before assembly and use.  
Save it with your original sales receipt.**

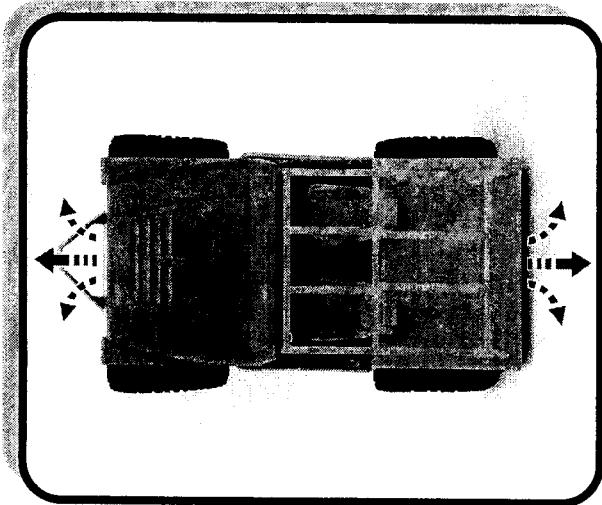
### Battery Requirements:

- One "9V" Battery (not included)
- One 12V Rechargeable Battery and Charger (included)

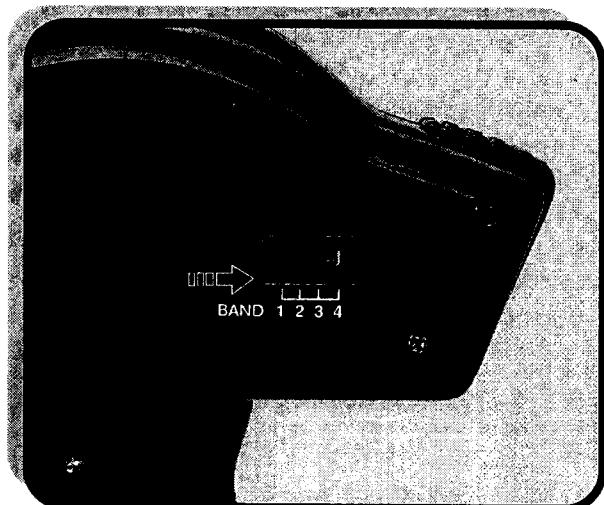
## IMPORTANT INFORMATION

- Carefully read this manual for important safety information and operating instructions before using your Rock Crawler.
- This Rock Crawler is not intended for children under 8 years old.
- Adult assembly may be required.
- Your new battery must be charged for at least 18 hours before first use.
- After the first charge, charge the battery for 8 hours after each use. Never charge the battery longer than 40 hours.
- Charge the battery at least once per month, even if the Rock Crawler has not been used.
- Do not store the battery in temperatures above 75°F/ 24°C or below -10°F/ -23°C.
- Even with proper care, the battery will not last forever. The life of the battery depends on how well you follow the Battery Care instructions and the total number of hours the battery is used. Please refer to the Battery Handling/ Care/ Disposal instructions for detailed information about battery care.
- While the battery is charging, the charger may become warm to the touch. This is normal, and does not indicate a problem.
- Do not leave the Rock Crawler out in the rain or let your child wash it with soap and water.
- Do not store your vehicle near heat or in direct sunlight. Always turn switches OFF and remove all batteries for storage.
- This unit requires one 12 volt rechargeable battery (included) for the vehicle and one 9 volt battery (not included) for the transmitter.
- Parental guidance is recommended when installing or replacing batteries.
- For the transmitter: New and alkaline batteries are recommended to use in this toy to obtain best and maximum performance.
- Users should keep strict accordance with the instruction manual while operating the product.
- Users should keep and retain this information for future reference.
- FCC Note: The manufacturer is not responsible for radio interference caused by unauthorized modifications or changes to this equipment. Such modifications and changes could void the user's authority to operate the equipment.

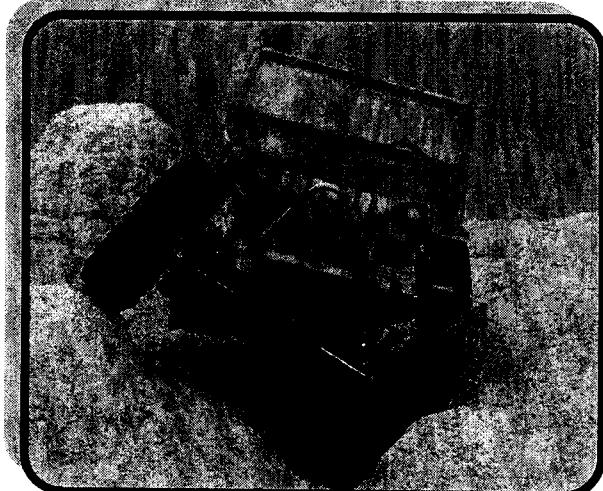
## FEATURES



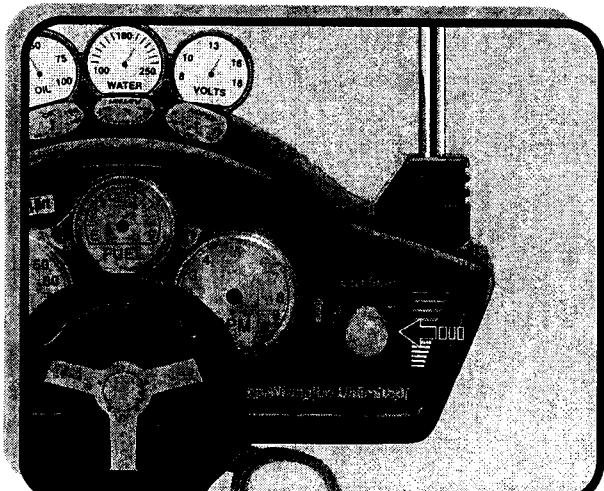
Full function radio control vehicle with digital proportional forward, backward and steering.



4 band frequency allows operation up to 4 rock crawlers.



Flexible suspension and powerful steering for rock crawling.



Radio control gear shifting.  
(High gear: Smooth surface or racing)  
(Low gear: Rough surface or climbing)

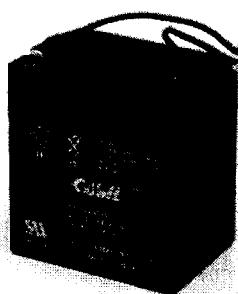
# CONTENTS



Rock Crawler



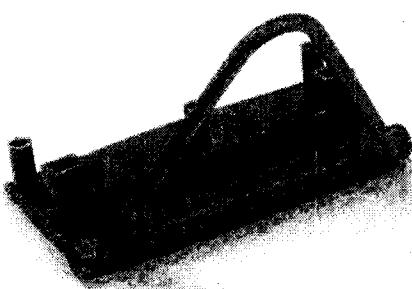
Transmitter



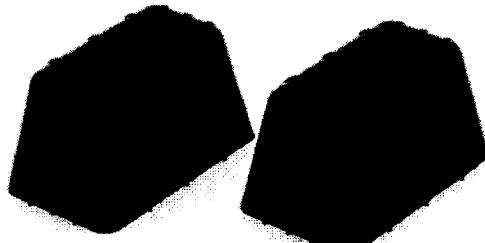
12V 4Ah Lead-acid rechargeable battery



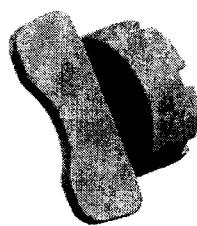
AC/DC charger



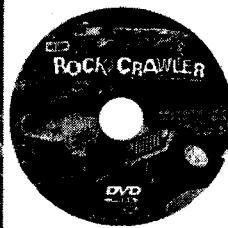
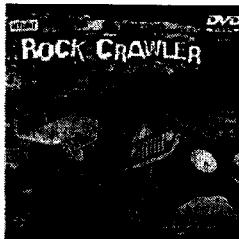
"Stinger" style bumper



2 support bases



Key to replace the wheel



DVD

## BATTERY CHARGING

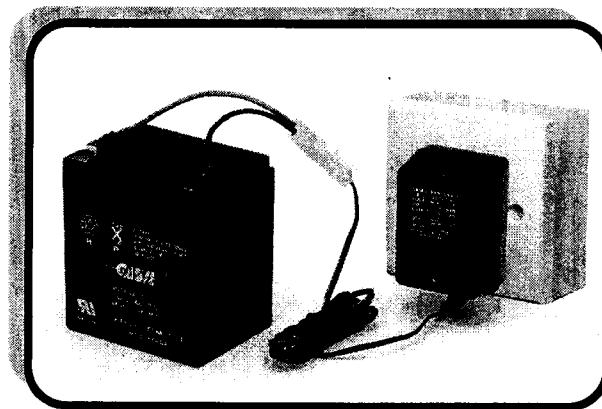
**Your new battery must be charged for at least 18 hours before you use it in your Rock Crawler for the first time. After the first charge, charge the battery for 8 hours after each use. Never charge the battery longer than 40 hours.**

- We recommend that you start charging your battery before beginning assembly of your new Rock Crawler.
- The battery must be upright while charging.
- Use only the provided 12 volt charger to charge your 12 VDC battery.
- Plug the battery connector into the charger connector.



**IMPORTANT NOTE!** If you are recharging your battery, you will first need to disconnect the battery connector from the motor harness connector under the vehicle's upper body. (See "BATTERY INSTALLATION IN VEHICLE" on page 7)

- Plug the charger into a standard 120 volt wall outlet.



**NOTE:** If power flow to the wall outlet is controlled by a switch, make sure the switch is "ON".

- Recharge the battery after each use of your Rock Crawler for at least 8 hours. Do not charge the battery longer than 40 hours.

- Once the battery is charged, disconnect the charger connector from the battery connector. Unplug the charger from the wall outlet. The battery is now ready to be installed in your Rock Crawler. Please see the “**BATTERY INSTALLATION IN VEHICLE**” section on Page 7 for detailed instructions on installing your battery. If your battery is already installed in your Rock Crawler, simply re-connect the battery connector and motor harness connector and reassemble the vehicle’s upper body onto the chassis. Always remember to make sure the vehicle’s upper body is locked in place with the chassis.
- You may wish to purchase further rechargeable batteries and battery chargers for longer play sessions. See the “**REPLACEMENT PARTS ORDER FORM**” on page 16 for more details.

**CAUTION**

Use the charger indoors only.

## IN CASE OF EMERGENCY

If acid comes in contact with skin or eyes, you must:

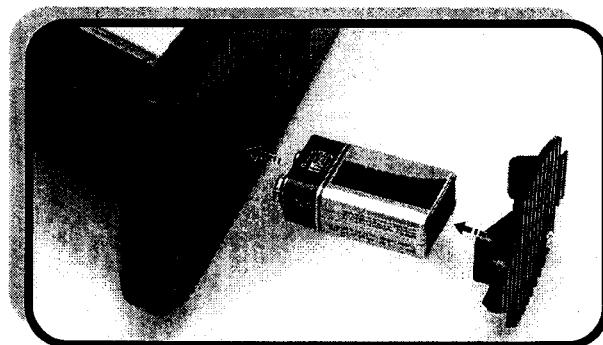
- Flush with cool water for at least 15 minutes.
- Contact physician for assistance and treatment.

If acid is internally ingested, you need to:

- Drink water, milk or magnesia or egg whites immediately.
- Never give emetics or induce vomiting.
- Contact physician for assistance and treatment.

## BATTERY INSTALLATION IN TRANSMITTER

1. Unscrew the battery cover at the bottom of the transmitter and place a 9-volt battery inside following the engraved signs.



2. Replace the battery cover.

# BATTERY INSTALLATION IN VEHICLE

1. Pull the buttons at both sides and pull the vehicle body upward to release it from the chassis.



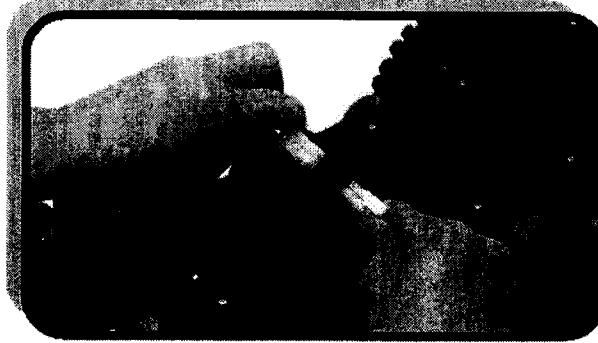
2. Remove the screws to access the battery compartment.



3. Place the battery upright in the battery compartment.



4. Plug the battery connector into the motor harness connector.



5. **Please note:** If the battery connector will not plug into the motor harness connector, turn it over and try again! Do not force the battery connector into the motor harness connector.

6. Replace the battery cover by tightening the screws.

- 7a. Insert part A of the vehicle body (see diagram) under part B of the chassis (see diagram).

- 7b. Holding the body in place and pass the antenna through the hole in the vehicle body.

- 7c. Snap the vehicle body onto the chassis. You will hear a "click" sound when it is fixed.



## CARE, MAINTENANCE AND YOUR SAFETY

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

- Always operate away from areas which can cause radio interference, (eg. power lines, tall buildings.)
- DO NOT operate near concrete walls which may disturb transmission.
- DO NOT drive car through water or in sand.
- DO NOT bend the antenna.
- Make sure ON/ OFF switch on your vehicle is in the “OFF” position when it is not in use.
- DO NOT leave the vehicle or transmitter near sources of heat or in direct sunlight for long periods of time.
- Remove the batteries from the vehicle and transmitter when they are not in use.
- Clean areas where dirt and dust get trapped.
- Wipe body off with a soft rag or damp cloth.
- DO NOT clean vehicle with chemicals or water.

**Parents must pay serious attention to handling the rechargeable battery properly:**

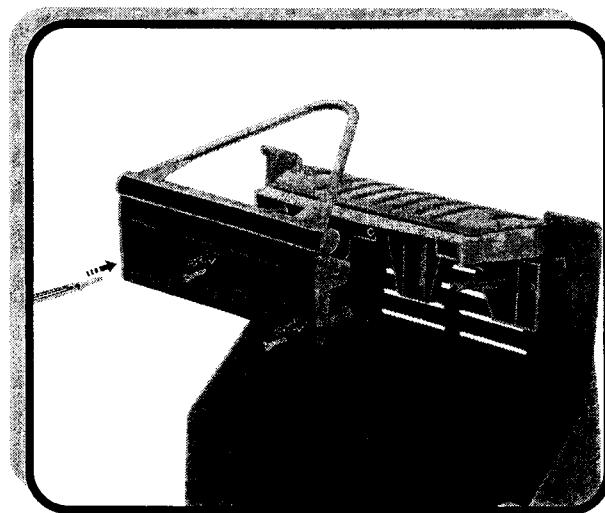
- DO NOT make direct contact between the battery terminals, as this can cause an explosion or fire.
- DO NOT charge the battery upside-down.
- Battery should be charged before storage.
- Battery should be charged ONLY by adults.
- Battery should be kept away from children.
- Battery should ONLY be charged by the charger shipped with this Rock Crawler.
- Battery should be placed in a well-ventilated area away from sparks, flames and smoke when charging.

**Parents should also instruct children:**

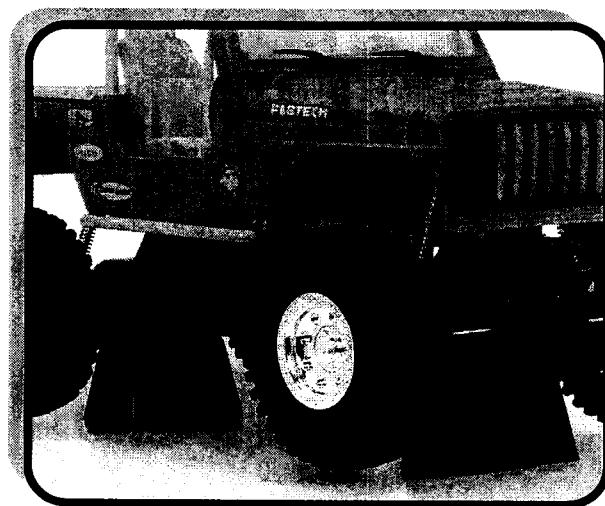
- DO NOT pick up moving vehicle.
- Keep hands, hair and loose clothing away from the tires and the wheel hubs when power switch is turned ON.
- DO NOT operate your vehicle on the street. Avoid hitting people, pets or home furnishings.

## HOW TO ASSEMBLE THE ROCK CRAWLER

1. Secure the “stinger” style bumper to the body by inserting 3 screws provided.



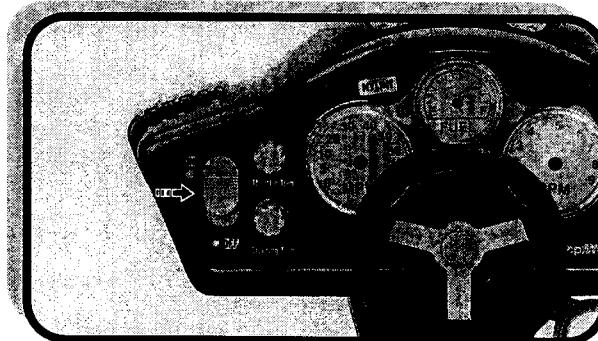
2. Remember to put the vehicle onto the support bases to keep the tires in best condition when not in use.



# HOW TO OPERATE THE ROCK CRAWLER

1. Insert the batteries correctly inside battery compartment for vehicle and transmitter.

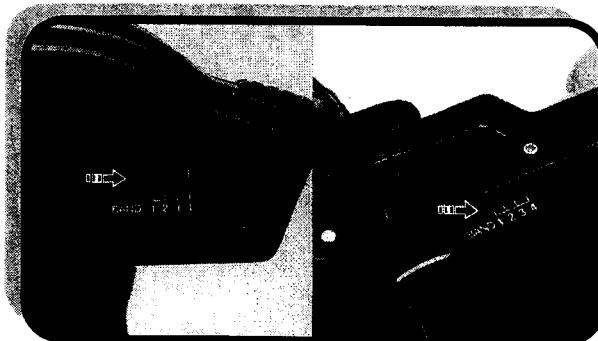
2. Set transmitter power button "ON/OFF" to "ON", the back light will light up.



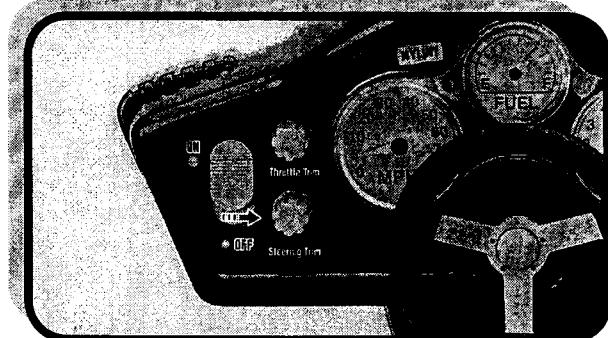
3. Set vehicle power button "ON/OFF" to "ON" under the chassis.



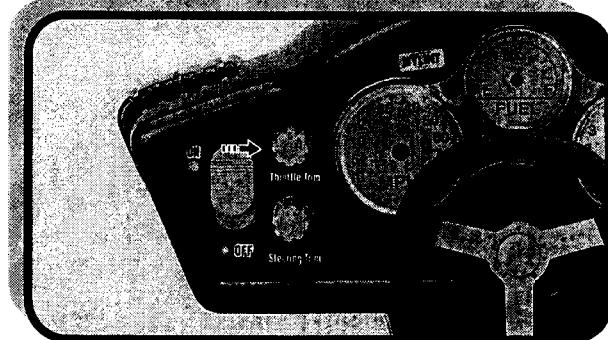
4. Make sure band frequency on the transmitter and vehicle are the same.



5. Adjust throttle trim to make the vehicle stationary. Please do not pull the trigger.

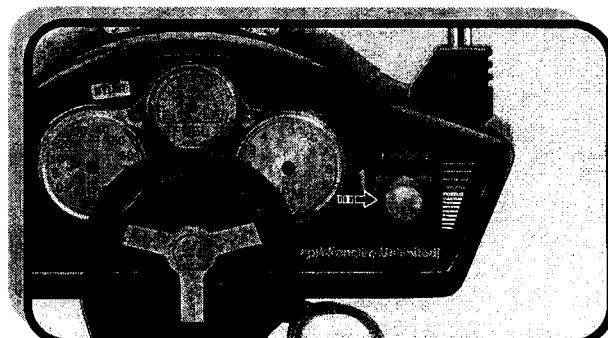


6. Adjust steering trim to align wheels for straight line driving.



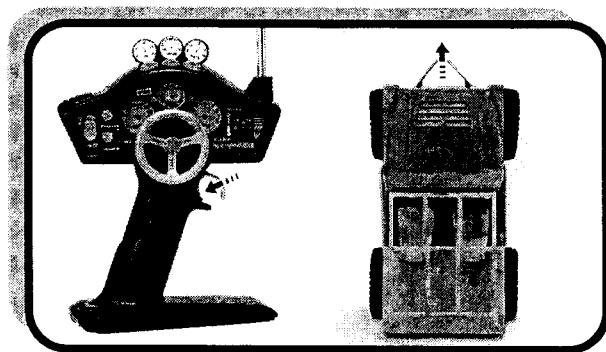
7. Extend the antenna of the transmitter to full length.

8. Switch gear selection lever to high or low position.  
(LOW : Rough surface or climbing)  
(HIGH : Smooth surface or racing)

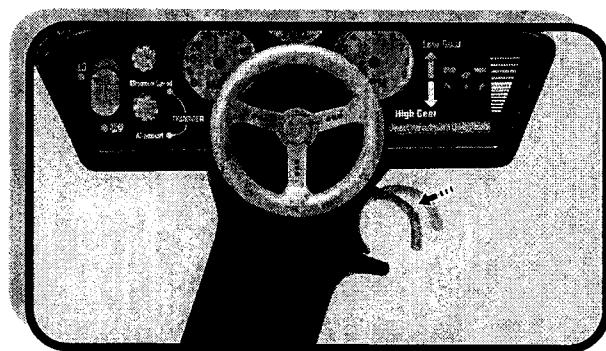


## FORWARD RUNNING

9. Pull back the trigger to move the vehicle forward.

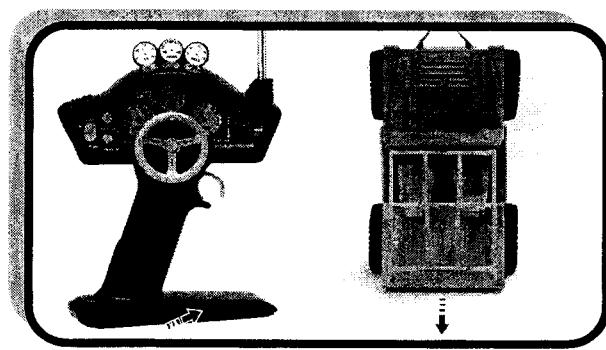


10. Pull the trigger to full extension for fastest speed.



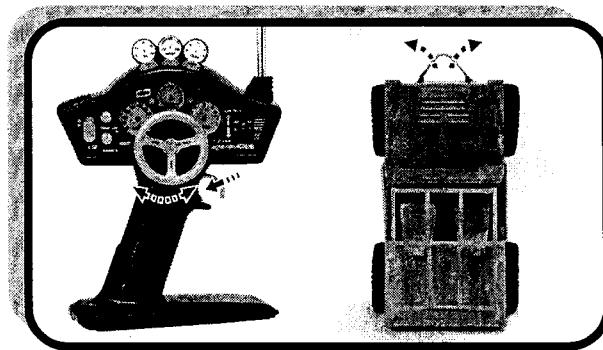
## DRIVING IN REVERSE

11. Push the trigger forward (away from you).

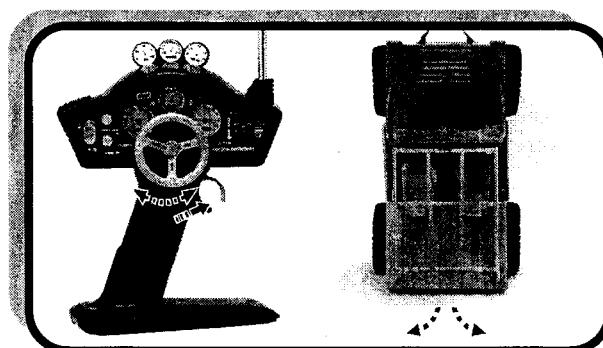


## STEERING OPERATION

12. To make left or right-hand turns while driving forward, turn the steering wheel to left or right while pulling back the trigger (towards you).

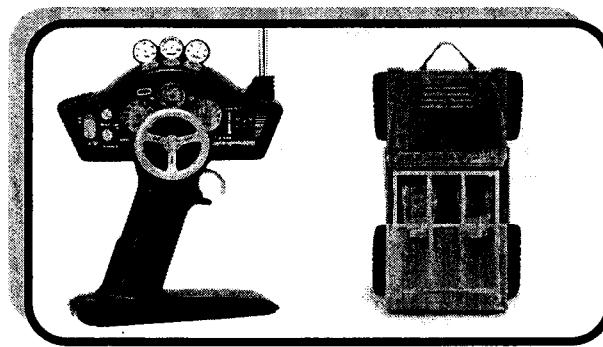


13. To make left or right-hand turns while driving in reverse, turn the steering wheel to left or right while pushing the trigger forward (away from you).



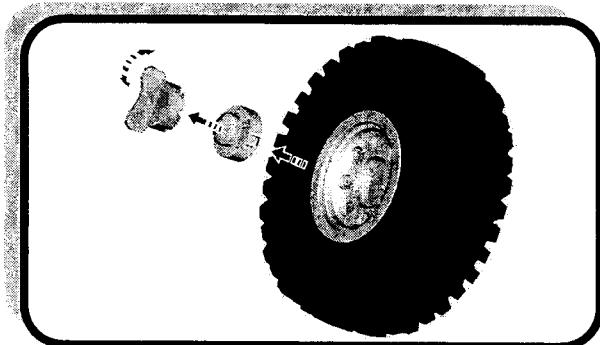
## STOP OPERATION

14. Release the trigger to stop.

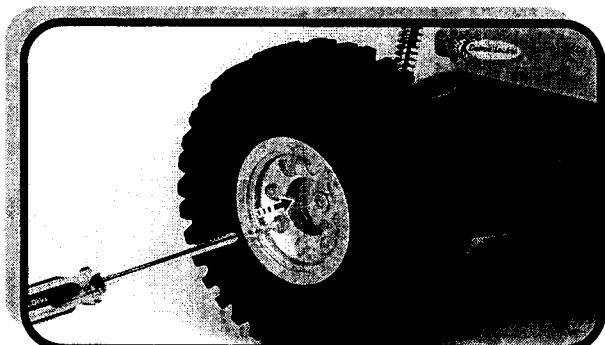


## HOW TO REPLACE WHEELS

1. Use the key provided to unscrew the hub nut.



2. Unscrew the locking screw and then pull out the entire wheel for replacement.



## TROUBLE SHOOTING

Problem	Possible Cause	Correction
Vehicle runs slowly, or won't move, or won't steer	<ul style="list-style-type: none"> <li>• Batteries dead or low charge.</li> <li>• Batteries are not placed in compartment correctly</li> <li>• Loose battery connection</li> <li>• Main power switch is not in "ON" position.</li> <li>• Hair, carpet or dirt might be trapped between wheels.</li> <li>• Resettable fuse activated to cut the circuit and protect the product.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the battery polarity</li> <li>• Recharge vehicle battery</li> <li>• Replace transmitter battery</li> <li>• Check battery connection</li> <li>• Turn on power switch</li> <li>• Carefully remove such foreign materials.</li> <li>• Clear the obstacle and wait for 20 seconds to let the resettable fuse cool down and close the circuit again.</li> </ul>
Loss of control	<ul style="list-style-type: none"> <li>• Out of control range of distance</li> <li>• Weak vehicle battery</li> <li>• Weak transmitter battery</li> <li>• Radio interference</li> <li>• Another radio control vehicle using the same frequency and channel is operated near your vehicle.</li> </ul>	<ul style="list-style-type: none"> <li>• Extend antenna fully. Point up in the air, not at vehicle. Don't touch antenna.</li> <li>• Recharge 12V lead acid battery and/or replace 9V (6LR61) alkaline battery in transmitter.</li> <li>• Move to another location</li> <li>• Race against other vehicles using a different frequency or channel by switching the frequency selectors at the transmitter and the vehicle.</li> </ul>
Vehicle stops working after going through water, mud or snow	<ul style="list-style-type: none"> <li>• Water in battery/ electronics/ motor areas</li> </ul>	<ul style="list-style-type: none"> <li>• Turn power switch off IMMEDIATELY, remove lead acid battery, dry inside and out with clean soft cloth and allow to dry overnight.</li> <li>• Avoid wet surface, puddles, rain and snow.</li> </ul>

## APPENDIX

### 1. Technical Specifications

Normal Operation Condition: 0-35°C

Normal Operation Voltage: 9V for transmitter  
12V for vehicle

Normal Operation Current: 5A

Normal Operation Duration: 45 minutes after the battery is fully charged

Rechargeable battery: 12VDC 4Ah

Operation Frequency: 27 MHz

### 2. FCC Statements

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.

**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 "ON" and "OFF", 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.

## STATEMENT OF LIMITED WARRANTY

*90-day limited warranty on the full function radio control Rock Crawler vehicle.  
6-month limited warranty on the 12-volt battery included with the radio control Rock Crawler vehicle when originally purchased with the radio control Rock Crawler vehicle.*

This limited warranty covers the radio control Rock Crawler vehicle and 12-volt battery against defects in materials and workmanship.

This warranty covers normal use. It does not cover damage to the radio control Rock Crawler vehicle and/or battery arising from unreasonable neglect, accident, misuse or other causes unrelated to defects in material or workmanship.

Damage caused by operation in wet or sandy conditions is not covered by the guarantee.

This warranty does not cover, and is intended to exclude, any liability on the part of Funrise Toy Corp., manufacturer of radio control Rock Crawler vehicle. Whether under this warranty or implied by law, or any indirect or consequential damages for breach of warranty. Some states do not allow the exclusion or limitation so this limitation may not apply to you.

Should this radio control Rock Crawler vehicle require service during the warranty period, please contact Funrise Customer Service at 1-800-882-3808, for repair or replacement, or via e-mail at [www.funrise.com](http://www.funrise.com). Consumers located outside the U.S. and Canada toll-free calling area, please dial 1-818-883-2400.

This warranty gives you specific legal rights, and you may also have other rights, which may vary from state to state.

**PLEASE SAVE YOUR ORIGINAL SALES RECEIPT.**

ORDERS MUST BE PLACED ON THIS FORM OR ON A REASONABLE FACSIMILE

**REPLACEMENT PARTS  
ORDER FORM**

QTY	PART #	DESCRIPTION	PRICE	TOTAL
	02016	AC/DC charger		
	02018	Right wheels		
	02018	Left wheels		
	02015	12V 4Ah Rechargeable battery		
	02021	Bumpers		
	02014	Battery + Charger		
	02019	4pcs suspenson spring		

SUBTOTAL	
CA RESIDENTS ADD 8.25% SALES TAX	
TOTAL AMOUNT	

SHIP TO :

PAYMENT INFORMATION :

NAME:	PAYMENT ENCLOSED: \$
ADDRESS:	CHECK OR MONEY ORDER ONLY PAYABLE TO: FUNRISE TOY CORPORATION
CITY:	NO C.O.D ORDERS
STATE: ZIP:	CA RESIDENTS MUST ADD 8.25% SALES TAX.
TELEPHONE NO: ( )	ALLOW 6-8 WEEKS FOR DELIVERY

**ALL PRICES INCLUDE SHIPPING AND HANDLING**