

*User's Guide for*  
**1:20 Nascar<sup>®</sup> RC**  
**#9 Kasey Kahne**

**EXCALIBUR**

ELECTRONICS, INC.

**NASCAR**



Model No.  
9507-9

[www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)

Congratulations on your purchase of the 1:20 Nascar® RC from Excalibur Electronics, Inc. The 1:20 Nascar® RC features Carl Edwards (# 99). Your friends will enjoy hours of fun driving your 1:20 Nascar® RC.

Your 1:20 Nascar® RC is easy to use but be sure to use it safely. Read this manual thoroughly before playing. Take note of safety care and battery information. Keep this manual for reference.

This package contains the 1:20 Nascar® RC, its transmitter, its battery cartridge, its tube for one vehicle antenna, its transmitter antenna, and its user's guide.



The legendary King Arthur brandished a magic sword, Excalibur, from which we take our company name. With this unique weapon in his hands, he could not be vanquished.

Although Excalibur Electronics can't claim the magical secrets of Merlin, King Arthur's court wizard, sometimes our patented technology may make it seem as if we could.

We make you think.

*NASCAR® is a registered trademark of The National Association for Stock Car Auto Racing, Inc.*

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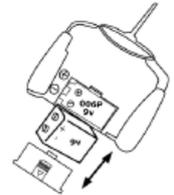
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## INSTALLING BATTERIES

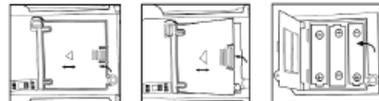
To install batteries in the transmitter, please follow the following steps:

1. Remove battery cover located at the back.
2. Insert one 9-volt battery following the +/- marking.
3. Replace battery cover.



To install the power pack in your 1:20 Nascar® RC, please follow the following steps:

1. Insert three AA batteries following the +/- marking.
2. Place loaded battery cartridge on the underside of the vehicle following the +/- marking.
3. Lock up and secure the battery cartridge.



*(Also see Battery Information on page 10.)*

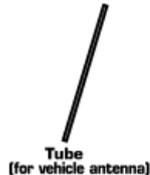
# What is included with 1:20 Nascar® RC



Vehicle



Transmitter



Tube  
(for vehicle antenna)



Manual

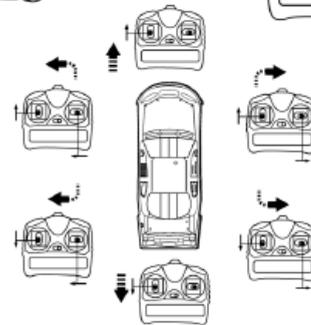
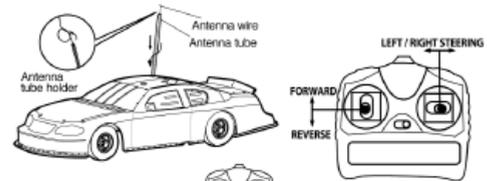
# Functions of Buttons

**LEFT SWITCH ON TRANSMITTER:** Switch up to drive the vehicle forward. Switch down to drive the vehicle in reverse.

**RIGHT SWITCH ON TRANSMITTER:** Switch left to steer the vehicle left. Switch right to steer the vehicle.

**TRIM SWITCH CONTROL:** The trim switch is located on the underside of your vehicle. This is used to align the wheels for consistent straight line driving.

**ON/OFF SWITCH:** Switch to turn the transmitter on or off.



Trim switch is located on the underside of the vehicle, between the two front wheels. and is used to align the wheels for consistent straight line driving.

# How to Play

To begin, insert the antenna wire through the hollow tube. Avoid pulling the wire too tight. The wire is on the top of your 1:20 Nascar® RC. Tie a knot on top to secure.

Turn the switch to the **ON** position for power.

In a clockwise direction, screw the antenna into the cavity located at the top of the transmitter.

Use the control switches on the transmitter to drive your 1:20 Nascar® RC. The switches allow you to drive it forward, back, left and right. You can also honk the horn and lift the doors up.

You can control your 1:20 Nascar® RC's turns with the control switches.

Maneuver both control switches to turn your 1:20 Nascar® RC in any direction you would like.

To maneuver the auto forward, turn the right switch to the right and flip the left switch up.

To turn the auto left while driving in reverse use the switches as follows: flip the right switch left and flip the left switch back.

## Tip

- Check the wheel mechanisms for lint, thread, hair or dust frequently. This ensures the wheels move freely and that the motor is not stressed.

# Troubleshooting

*If your 1:20 Nascar® RC doesn't move, please check the following potential causes:*

1. The **POWER** switch is turned off. If that is the case, turn the **POWER** switch on.

2. Your 1:20 Nascar® RC is too far away from the controller. If that is the case, bring your 1:20 Nascar® RC closer to the controller.

3. The metal tab in the battery cartridge is flattened and not touching the batteries installed. If that is the case, lift up the metal tab so it touches the tip of the battery.

*If you lose control of your 1:20 Nascar® RC, please check the following potential cause:*

Another radio controlled vehicle using the same frequency is operating near your vehicle, or a CB is being operated nearby. If that is the case, you should race other vehicles that use different frequencies or channels, or move away from your location until there is no more interference.

*If your 1:20 Nascar® RC drives slowly or appears to be losing power, please check the following potential causes:*

1. There are weak batteries in the transmitter. If that is the case, replace with new batteries.

2. There is strong interference in the surrounding area. If that is the case, you should move to a better location to drive your 1:20 Nascar® RC.

*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.*

## Caution

- Do not operate your 1:20 Nascar<sup>®</sup> RC in thunderstorms.
- Do not touch the wheels when the switch is turned **ON**.
- Do not leave your 1:20 Nascar<sup>®</sup> RC or transmitter near sources of heat or under direct sunlight for long periods of time.
- Do not operate your 1:20 Nascar<sup>®</sup> RC near small children.
- Do not drive your 1:20 Nascar<sup>®</sup> RC in busy streets. Always choose a safe place to play.

## Special Care & Handling

- Avoid rough handling such as bumping or dropping.
- Avoid moisture and extreme temperatures. For best results, use between the temperatures of 39° F and 100° F (4° C and 38° C).
- Never drive your 1:20 Nascar<sup>®</sup> RC on a wet floor, on sand, or in mud, rain or snow. These can damage it.
- Be sure to remove the batteries from your 1:20 Nascar<sup>®</sup> RC and transmitter when storing the product.
- To protect your 1:20 Nascar<sup>®</sup> RC's wheel mechanism from lint, thread, hair and dust particle, you can use a small brush, tweezers or tie a small bit of cloth to the tip of a toothpick, etc., and wipe it off.
- Always keep your 1:20 Nascar<sup>®</sup> RC clean. Use a dampened cloth to wipe off, and then wipe all the water off with a dry cloth. Never use chemicals to clean your 1:20 Nascar RC.
- Avoid holding the wheels when rotating. Holding them will cause the electronic components to short-circuit, overheat and cause malfunction.

## BATTERY INFORMATION

- Use alkaline batteries for best performance.
- Use six AA batteries for your 1:20 Nascar® RC.
- Use one 9-volt batteries for your transmitter.
- Do not use rechargeable batteries.
- Remove exhausted batteries from the unit.
- Do not short circuit battery terminals.
- To avoid explosion or leakage, do not dispose of batteries in a fire or attempt to recharge standard or alkaline batteries.
- Be sure to insert batteries with the correct polarities and always follow the toy and battery manufacturers' instructions.
- Remove batteries and store them in a cool, dry place when not in use.
- Always remove old and dead batteries from the product.

*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 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.

## 90-Day Limited Warranty

EXCALIBUR ELECTRONICS, INC., warrants to the original consumer that its products are free from any electrical or mechanical defects for a period of 90 DAYS from the date of purchase. If any such defect is discovered within the warranty period, EXCALIBUR ELECTRONICS, INC., will repair or replace the unit free of charge upon receipt of the unit, shipped postage prepaid and insured to the factory address show at right.

The warranty covers normal consumer use and does not cover damage that occurs in shipment or failure that results from alterations, accident, misuse, neglect, wear and tear, inadequate maintenance, commercial use, or unreasonable use of the unit. Removal of the top panel voids all warranties. This warranty does not cover cost of repairs made or attempted outside of the factory.

Any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 90 DAYS from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. Some states do not allow limitations on the duration of implied warranties and do not allow exclusion of incidental or consequential damages, so the above limitations and exclusions in these instances may not apply.

The only authorized service center in the United States is:

**Excalibur Electronics, Inc.**

**13755 S.W. 119<sup>th</sup> Avenue**

**Miami, FL 33186 U.S.A.**

**Phone: (305) 477-8080**

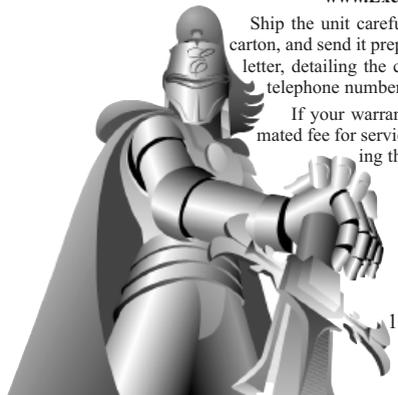
**Fax: (305) 477-9516**

**[www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)**

Ship the unit carefully packed, preferably in the original carton, and send it prepaid, and adequately insured. Include a letter, detailing the complaint and including your daytime telephone number, inside the shipping carton.

If your warranty had expired and you want an estimated fee for service, write to the above address, specifying the model and the problem.

**PLEASE DO NOT SEND YOUR UNIT WITHOUT RECEIVING AN ESTIMATE FOR SERVICING. WE CANNOT STORE YOUR UNIT!**



# EXCALIBUR ELECTRONICS

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