

Eradicator

Your RadioShack Eradicator can make you a winner! With its digital proportional speed and precise steering, you can drive the racer almost anywhere. Built to 1/10 scale, it can reach speeds of up to 1300 feet per minute and climb hills up to 45°.

Your Eradicator's double wishbone front suspension and high-performance tires give it good traction on almost any terrain. The front and rear wheel differential gears let you take smooth, sharp corners.

The Eradicator is available in three frequencies to let you race against other radio-controlled cars. Check your racer's box to see which frequency it uses.

Note: You need two 9V batteries (one for the transmitter and one for the racer), at least one 7.2V battery pack for the racer, and a battery pack charger. (Batteries, battery pack, and battery charger sold separately.)

The supplied box wrench lets you easily remove and replace the racer's wheels. Be careful not to discard the wrench when you unpack the racer.



THE FCC WANTS YOU TO KNOW

Your racer or transmitter might cause TV or radio interference even when it is operating properly. To determine whether your racer or transmitter is causing the interference, turn off your racer and the transmitter. If the interference goes away, your racer or transmitter

is causing it. Try to eliminate the interference by:

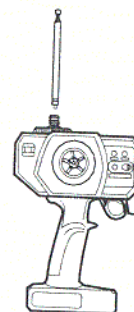
- moving your racer and transmitter away from the TV or radio
- contacting your local RadioShack store for help

If you cannot eliminate the interference, the FCC requires that you stop using your Eradicator and its transmitter.

Changes or modifications to this product not expressly approved by RadioShack, or operation of this product in any way other than as detailed by the Owner's Manual, could void your authority to operate the product.

ATTACHING THE TRANSMITTER'S ANTENNA

Thread the antenna into the transmitter's antenna connector. Make sure the connection is tight.



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SUNCON TOYS INDUSTRY LTD

FCC ID : GLE136003

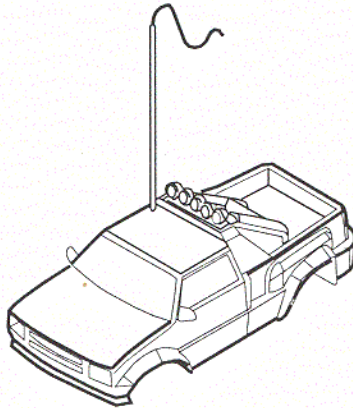
JOB # : SUN124ZO

EXHIBIT # :

4A

INSTALLING THE RACER'S ANTENNA TUBE

The antenna tube holds up the racer's antenna wire for the best reception and range. Route the antenna wire's loose end through the tube. Then insert the tube securely into the racer's antenna tube holder.



INSTALLING BATTERIES

Warning: Dispose of batteries and rechargeable battery packs promptly and properly; do not bury or burn them.

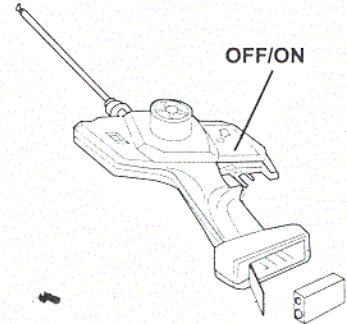
Cautions:

- Use only fresh batteries of the required size and recommended type.
- If you will not be using the racer for a week or more, remove the battery from the transmitter and the battery and battery pack from the racer. Batteries can leak chemicals that can damage electronic parts.
- Never leave dead or weak batteries in the racer or transmitter.

In the Transmitter

The transmitter requires one 9V battery. For the best performance and longest life, we recommend a RadioShack alkaline battery.

Follow these steps to install the transmitter's batteries.



1. Slide the transmitter's **OFF/ON** switch to **OFF**.
2. Press down and slide the battery compartment cover in the direction of the arrow marked on it to open it.
3. Put the battery in the compartment as indicated by the polarity symbols (+ and -) marked inside.
4. Replace the cover and snap it shut.

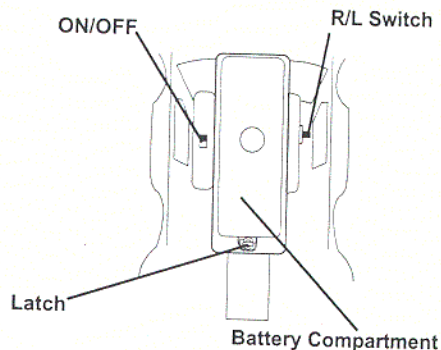
When the transmitter's range decreases, replace its battery.

In the Racer

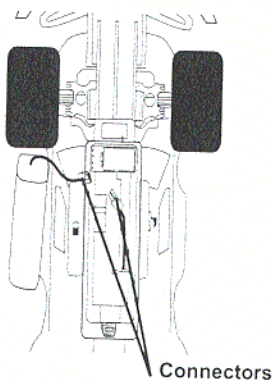
Your Eradicator requires one 9V battery and at least one rechargeable 7.2V battery pack. Before you use the battery pack, you must charge it using a special battery charger (not supplied). Follow the charger's instructions to charge the battery pack.

Follow these steps to install the racer's battery and battery pack.

1. Slide the racer's **ON/OFF** switch under the racer to **OFF**.



2. Use a small coin to turn the battery compartment cover's latch toward **OPEN**.
3. Place the 9V battery in the battery compartment according to the polarity symbols (+ and -) marked inside.
4. Place the battery pack in the recessed area with the battery pack's connector on the same side as the racer's matching connector.



5. Attach the battery pack's connector to the racer's matching connector. Do not force them. They fit together only one way.

Caution: Be sure the connectors and wires do not touch any of the Eradicator's moving parts.

6. Close the cover.

If the Eradicator does not respond to the transmitter, replace the 9V batteries in the racer and the transmitter. If the racer loses power, replace or recharge the battery pack.

To remove the battery pack, open the cover as described in Step 2. Then slide the pack toward the pack's connector and lift the other side of the battery pack. Unplug the connectors and remove the battery pack.

Cautions:

- Use only the recommended battery pack and charger.
- Do not charge or recharge the battery pack while it is in the racer.
- After you charge or recharge the battery pack, disconnect it from the charger. Overcharging the battery pack could damage it.
- When you disconnect the battery pack from the charger, do not pull on the connector's wires. You might damage the battery pack.

Notes:

- If you want to run your racer for extended periods of time, we suggest you purchase an extra battery pack. You can charge one while you use the other.
- Occasionally, let the battery pack fully discharge before recharging it. Otherwise, the battery pack loses its ability to fully charge.

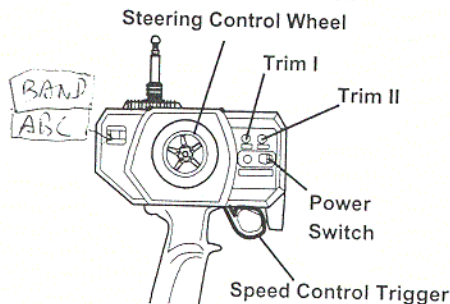
Important: The Eradicator can use nickel-cadmium rechargeable batteries. At the end of a nickel-cadmium battery's useful life, it must be recycled or disposed of properly. Contact your local, county, or state hazardous waste management authorities for information on recycling or disposal programs in your area or call 1-800-843-7422. Some options that might be available are: municipal curbside collection, drop-off boxes at retailers such as your local RadioShack store, recycling collection centers, and mail-back programs.



DRIVING THE ERADICATOR

Warnings:

- This racer can reach much higher speeds than most radio-controlled cars. Be careful when you use the racer to avoid high-impact collisions with people and objects.
 - Do not play with your racer in the street.
1. Extend the transmitter's antenna to its full length.
 2. Slide the **OFF/ON** switch on the transmitter and the **ON/OFF** switch on the racer to **ON**.
 3. Use the transmitter's trigger and wheel to drive and steer the racer.



Speed Control Trigger

- Pull the trigger to the left to move forward.
- Pull the trigger all the way to the left for maximum speed.
- Push the trigger to the right to move backward.
- Release the trigger to stop.

Steering Control Wheel

- Turn the steering control left to move left.
- Turn the steering control right to move right.
- Release the steering control to drive straight.

Caution: If the Eradicator gets stuck under an object, immediately release the transmitter's control levers and retrieve the racer.

Note: The Eradicator has a built-in thermal sensor so the racer automatically shuts off if the motor gets too hot. Wait a few seconds until the motor cools off to drive the Eradicator again.

4. Adjust **TRIM I** and **TRIM II** as desired. See "Adjusting the Trim Controls" on Page 5 to set the trim as desired.
5. When you finish playing with the Eradicator, slide the **ON/OFF** switch on the racer and the **OFF/ON** switch on the transmitter to **OFF**.

Warning: Do not touch the motor immediately after using the racer, as it might become hot during use.

Caution: Running your racer continuously for long periods generates high heat levels. Heat causes the most wear and tear on the motor. To help keep heat levels down, when your racer's battery pack runs down, let the

racer cool for at least 10 minutes before installing a new or newly charged battery pack.

ADJUSTING THE TRIM CONTROLS

The neutral trim control (**TRIM I** above the **OFF/ON** switch) lets you fine-tune the speed control so the racer completely stops when you release the speed control to its center position.

The steering trim control (**TRIM II** above the **OFF/ON** switch) lets you fine-tune the steering so the racer drives in a straight line when you set the steering control to its center position.

Follow these steps to adjust the trim controls.

1. Place the racer on a block or turn it over so the tires do not touch the ground.

Note: Do not touch the tires or the steering control during this adjustment.

2. Slide the **OFF/ON** switch on the transmitter and the **ON/OFF** switch on the racer to **ON**.
3. If the tires move, turn **TRIM I** until the tires stop.

Caution: Never set **TRIM I** to make the racer continually move.

If the front tires appear to angle left or right, adjust **TRIM II** until the tires appear to be straight.

4. When you finish the adjustment, slide the **ON/OFF** switch on the racer and the **OFF/ON** switch on the transmitter to **OFF**.

Note: You might have to further fine-tune the trim controls after using the racer for awhile.

WHEEL ALIGNMENT

If the Eradicator does not drive in a straight line when you pull the speed control trigger, adjust the wheel alignment control (**L/R**) on the side of the racer.

Slide the wheel alignment control toward **L** if the racer is pulling to the right, or toward **R** if the racer is pulling to the left.

RACING TWO OR MORE CARS TOGETHER

The Eradicator and other radio-controlled cars use specific frequencies to operate. Cars with different control frequencies can race together without interference. Cars with the same frequency cannot.

The following chart shows the control frequencies for your Eradicator. If you buy more than one racer and you plan to race them, check the stickers on the boxes to be sure they are different band numbers/colors for different frequencies.

Band	Frequency	Ribbon Color
3	27.095 MHz	Orange
4	27.145 MHz	Yellow
5	27.195 MHz	Green

HELPFUL HINTS

Follow these hints to get the most enjoyment from your Eradicator.

- Running your racer continuously for long periods generates high heat levels. Heat causes the most wear and tear on the motor. To help keep heat levels down, when your racer's battery power dies, let the racer cool at least 10 minutes before

installing new or newly charged batteries.

- If the racer's motor runs but it does not respond to the transmitter, move closer to the racer and try again.
- If the racer moves slowly, and you have installed fresh batteries and a freshly recharged battery pack, check the wheel mechanisms for lint, thread, hair, or dust.
- If someone uses a CB nearby, it might interfere with control of the racer. If this happens, move the racer away from the CB.
- You cannot operate the racer near devices with transmitters that use the same frequency as your racer (27 MHz with three bands). Check the racer's box to see which frequency your racer uses.

CARE

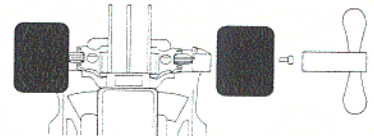
The following suggestions will help you enjoy your Eradicator for years.

- Do not drive the racer through puddles or mud, on a wet floor, or in sand, rain, or snow. These can damage it.
- Do not expose the racer or transmitter to temperature extremes, and do not store them in direct sunlight or near a heat source.
- Do not leave the racer or transmitter outside overnight. Night dampness can damage their electronic circuits.
- To protect the racer's mechanisms from lint and hair, do not drive the racer on carpet.
- Wipe the racer and transmitter with a damp cloth occasionally to keep them looking new. Do not use harsh chemicals to clean them.

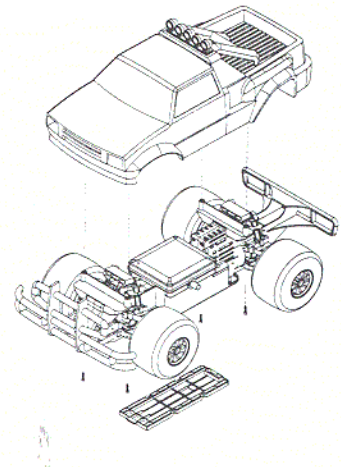
USER-REPLACEABLE PARTS

You can order replacement parts or parts sets for your vehicle at your local RadioShack store. Simply identify the part(s) or sets you need from the illustrations below, then find the part number in the "User Replaceable Parts List" on Page 7.

Installing the Tires and Wheels Set



Installing the Body Set



User Replaceable Parts List

Description	NP Part #	RSU Part #
Transmitter (27.095 MHz)	ZA-90238	12193959
Transmitter (27.145 MHz)	ZA-90239	12193967
Transmitter (27.195 MHz)	ZA-90240	12193975
Transmitter Antenna	A-90056	11972601
Receiver Antenna Wire: Orange (27.095) Yellow (27.145) Green (27.195)	A-90225 A-90226 A-90227	12193983 12193991 12194007
Receiver Antenna Tube Set	HC-4899	10681781
Racer Batter Compartment Cover	DB-91082	12194015
Transmitter Battery Compartment Cover	DB-91083	12194023
Hardware Kit Consisting of: Metal Screw 3 x 12 PT (4) Metal Nut (for Wheel) M4 (4)	HW-6004237	12194031
Left Wheel Assembly (Front/Rear)	Z-92132	12194049
Right Wheel Assembly (Front/Rear)	Z-92133	12194056
Front Bumper Guard	Z-92134	12194064
Rear Bumper Guard	Z-92135	12194072
Racer Body Assembly Label	Z-92136	19194080
Boxwrench	HC-90637	12194619
Owner's Manual	MU-6004237	12194098
Service Manual	MS-6004237	12194106

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, crash, collision, impact, violent contact, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

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

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We Service What We Sell

3/97

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Fort Worth, Texas 76102

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