

# ATRC

ALL TERRAIN RADIO CONTROLLED™

## GOES WHEN AND WHERE YOU DARE!

### Vehicle Owner's Manual

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.

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

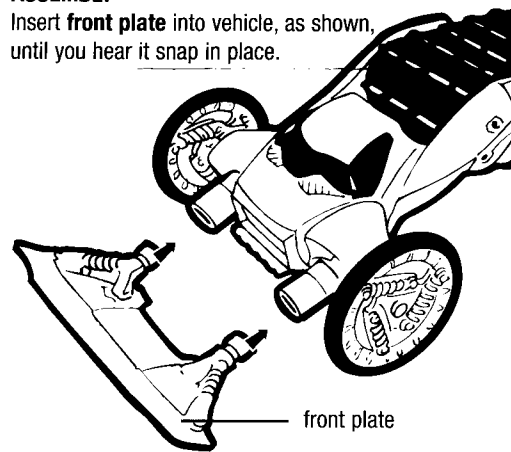
- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including any interference that may cause undesired operation.

**CAUTION:** This vehicle is not recommended for children under the age of 8 years. Please read all instructions before operating this vehicle. Avoid hitting people, pets or furniture. Do not pick up vehicle while it is in motion. Keep hands, hair and clothing away from this vehicle when the power switch is turned "ON". Remove battery pack when vehicle is stored. Also remove transmitter battery. **AVOID BELT AND TIRE CONTACT ON PAINTED OR VARNISHED SURFACES.** We recommend outdoor play with this vehicle.

### ASSEMBLY AND LABEL APPLICATION

#### ASSEMBLY

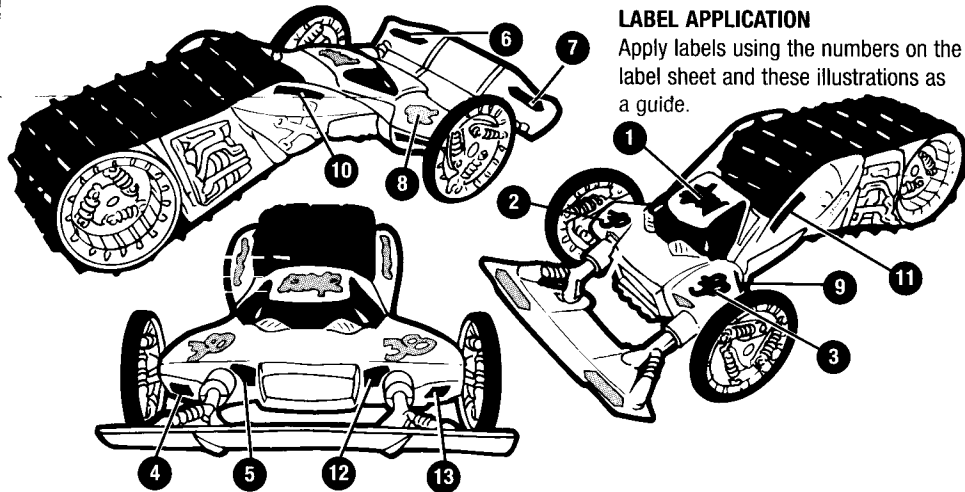
Insert **front plate** into vehicle, as shown, until you hear it snap in place.



front plate

#### LABEL APPLICATION

Apply labels using the numbers on the label sheet and these illustrations as a guide.



### BATTERY REQUIREMENTS/INSTALLATION FOR VEHICLE

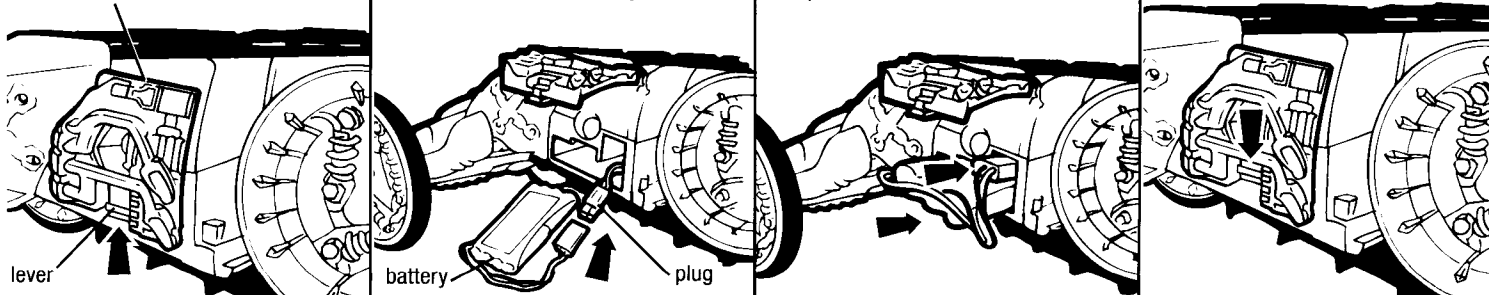
To operate your vehicle, you will need a **9.6 Volt Rechargeable NiCd Battery Pack (sold separately)**. Follow manufacturer's charging instructions on the rechargeable battery pack. PLEASE NOTE: The battery pack will become hot during use, so care should be taken whenever you handle it.

**1.** Slide **lever** up to release side door hatch. Pull open at the bottom. Located on left side of vehicle.

**2.** Attach **battery** to **plug** located inside side compartment. Wires may be pulled out of compartment for easy connection.

**3.** Slide battery into side compartment as shown. Tuck wires into compartment.

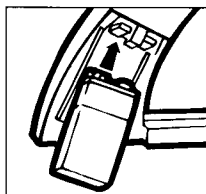
**4.** Close side door hatch, slide lever down to latch.



#### BATTERY NOTE:

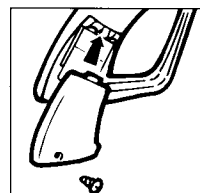
When you have purchased a battery pack, please follow the manufacturer's instructions for use. Depending upon the type you choose, you should expect that the **initial charge might require 4 hours and last 8-10 minutes** in the intense operation of your A.T.R.C.™ vehicle. Each time you charge the battery, you should get longer performance as you "break in" your battery, until you enjoy operation that is up to twice as long as that of the initial charge.

### BATTERY REQUIREMENTS / INSTALLATION FOR TRANSMITTER



To operate your transmitter you will need a 9 Volt Alkaline Battery (sold separately). Remove screw and battery cover and install a new 9 Volt Alkaline Battery, as shown. Replace cover and screw, as shown.

**IMPORTANT:** Main vehicle switch (located on bottom of vehicle) must be in the ON position to receive commands from the transmitter.



### PROPER OPERATION AND STORAGE OF YOUR VEHICLE

- 1. Maximum speed operation** of vehicle is on an OUT-OF-DOORS textured paved surface but A.T.R.C. will drive on almost any surface at slower speeds.
- 2. Always** operate your vehicle within a range of 75 feet from you.
- 3. Always** operate your vehicle on dry surfaces away from cars and other full-size vehicles.
- 4. Always store your vehicle in a cool, dry place and off of painted or varnished surfaces.**

- 5. Storage of vehicle.** Always turn main vehicle switch OFF after play and remove battery from vehicle and transmitter.
- 6. Avoid** operating around CB radios, baby monitors, cordless phones, electrical appliances, electric baseboard heaters, high voltage electrical wires and large, steel-reinforced concrete buildings all of which may cause interference.
- 7. Avoid** running your vehicle and another vehicle on the same frequency. If you want to race another vehicle, use a 27 MHz A.T.R.C.™ against a 49 MHz A.T.R.C.™

**DIRECTION CONTROLS - Move controller as indicated by solid arrows.**

FORWARD



REVERSE



LEFT TURN



RIGHT TURN

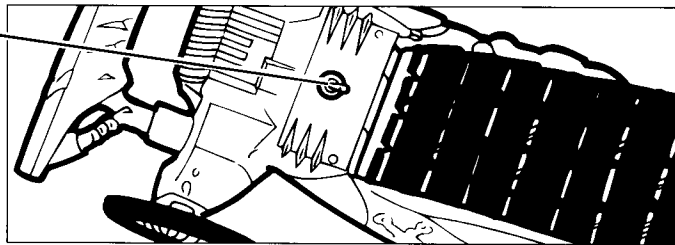


**FOR BEST PERFORMANCE FOLLOW THESE SIMPLE RULES:**

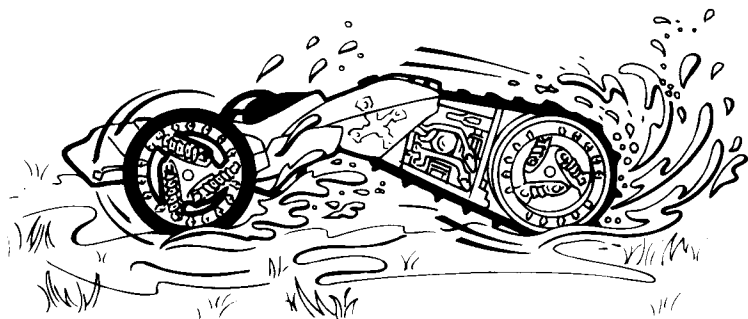
- 1. Always start with a fresh battery. Make sure main vehicle switch under vehicle is turned on.**

**Important: Be sure transmitter has a good battery.**

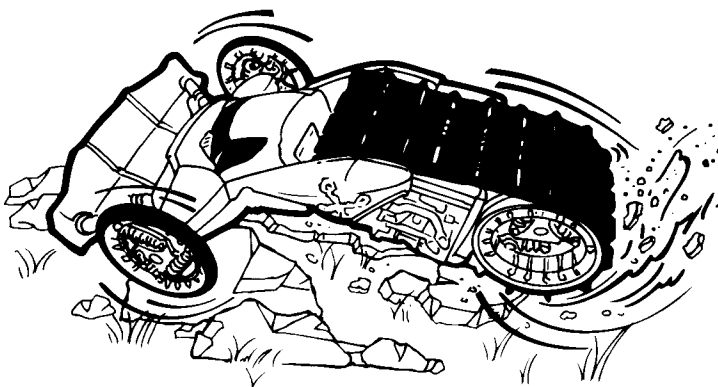
switch



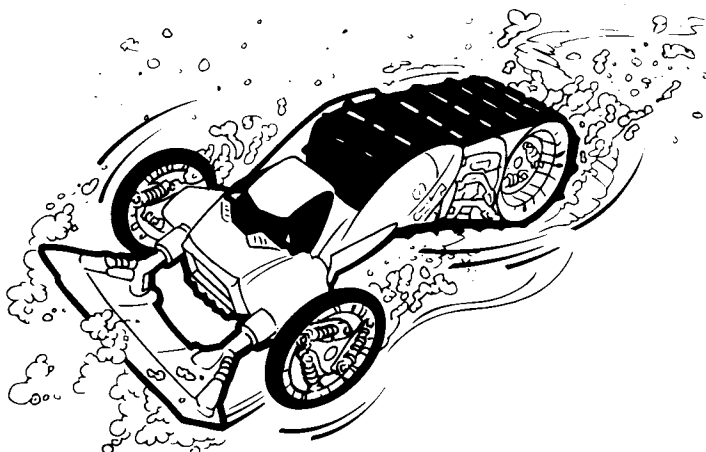
- 2. Vehicle can be used in almost all weather and road conditions.**



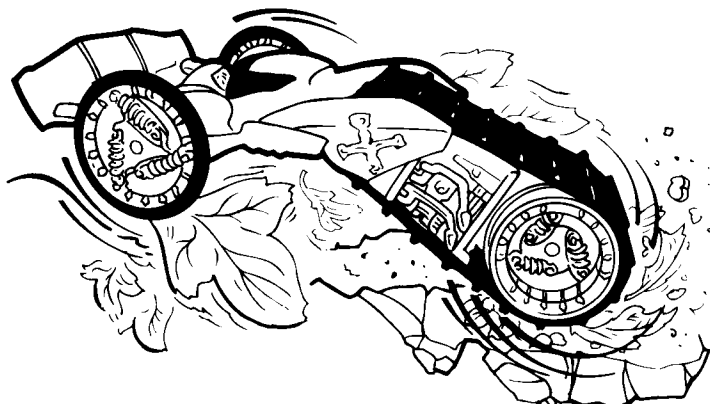
In spring vehicle glides across puddles up to 3" deep without stalling.



In summer vehicle plows through gravel, dirt and tall grass.



In winter vehicle will plow through snow drifts.



In fall vehicle runs over twigs and leaves.

- 3. Operation off of paved surfaces requires higher power. Continuous operation may cause occasional overheating of the motor. If this occurs the car will stop and the cool-down light will come on. It will not operate until it cools down. Leave the battery connected while it cools.**

cool-down light



**GUIDE FOR TROUBLESHOOTING - Check the points below if you are experiencing difficulty. Sometimes an apparent malfunction is the result of a simple cause and effect as shown below.**

SYMPTOM	PROBABLE CAUSE	CORRECTION
Vehicle runs slowly or will not run.	<ul style="list-style-type: none"> <li>Main Vehicle switch not ON.</li> <li>Weak or uncharged 9.6 volt vehicle battery.</li> <li>Weak 9 volt controller battery.</li> <li>Using wrong transmitter.</li> <li>Motor temperature is hot.</li> <li>Terrain or hills are too extreme.</li> </ul>	<ul style="list-style-type: none"> <li>Check vehicle switch, must be on.</li> <li>Charge battery or replace.</li> <li>Replace with fresh alkaline battery.</li> <li>Use correct transmitter.</li> <li>Leave charged battery connected and allow to cool until light is off.</li> <li>Vehicle will run slower on hills or loose surfaces.</li> </ul>
Erratic operation or only short range possible.	<ul style="list-style-type: none"> <li>Radio interference likely.</li> </ul>	<ul style="list-style-type: none"> <li>Change location (see point 6, PROPER OPERATION SECTION)</li> </ul>
Short vehicle battery life.	<ul style="list-style-type: none"> <li>Initial charge will give 10 to 12 minutes of operation.</li> <li>Continuous use on rough terrain or steep hills.</li> </ul>	<ul style="list-style-type: none"> <li>Recharge vehicle battery. Once drained the battery will have longer life with each recharging. About 10 minutes of life is typical with this type of radio controlled vehicle.</li> <li>Use on less severe terrain.</li> </ul>
Vehicle quits after immersion in 4 inches of water or more, or deep snow.	<ul style="list-style-type: none"> <li>Water in the electronics area.</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle will take several hours to dry. Allow to dry overnight before trying again.</li> </ul>