TAIYO EDGE™ R/C FREESTYLE™ BMX

6+

Taiyo Edge™ R/C Consumer Service
We want to assist you!

DO NOT RETURN THE PRODUCT TO THE STORE!

Log on: Click "Service" at www.taiyoedge.com
E-mail: help@taiyoedge.com
TOLL-FREE CONSUMER HELPLINE
1-866-4-EDGE-RC (1-866-433-4372)

OWNER'S MANUAL

Important! Please read your Owner's Manual all the way through before operating your vehicle. Contains important information—keep for future reference.

Safety First

- Adult supervision is recommended.
- Drive your vehicle in a safe area away from people, pets, cars, etc. Not in streets!
- Don't touch or try to pick up vehicle when it is in motion. Wait until it stops completely.
- Keep hair, fingers, face and loose clothing away from the wheels, spokes and tires while the vehicle is switched on or while the transmitter is operating.
- Be a responsible Freestyle™ BMX operator!

Note: Always wear a helmet and elbow and knee pads while riding a real BMX bike.

Batteries Required (not included)

5 "AA" Alkaline or Rechargeable Cells for Bike and One 9-Volt Alkaline Battery for Transmitter.
(See next page for information on rechargeable batteries. Rechargeable batteries and charger not included.)

Battery Installation

Battery Cautions

CAUTION: TO AVOID BATTERY LEAKAGE

1. Make sure the batteries are inserted correctly and follow the toy and battery manufacturer's instructions.
2. Do not mix old and new batteries.
3. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium, nickel-metal hydride or other) batteries.
4. Remove weak or dead batteries from product.

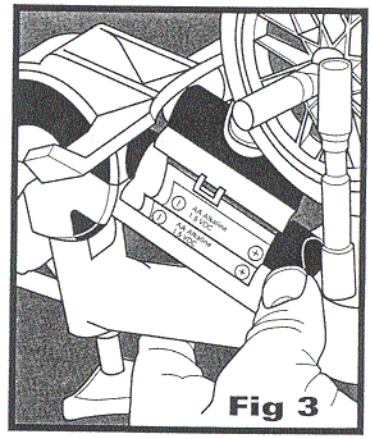
More Important Battery Information

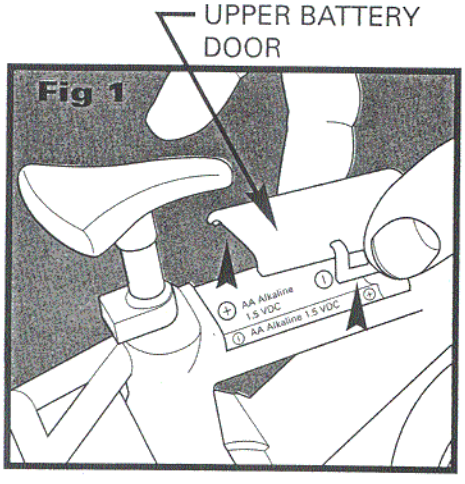
- Make sure battery polarity (direction) is correct.
- Use only battery type(s) recommended.
- Remove batteries from the product if it will not be used for a long period of time.
- For best performance, use Alkaline batteries. Battery life may vary with the brand used.
- Do not recharge non-rechargeable batteries.
- Remove rechargeable batteries from the product before charging. Recharge batteries only under adult supervision and follow the battery and charger manufacturers' instructions.
- Do not short-circuit battery terminals.
- Keep Bike and Transmitter dry. If they get wet, turn off Bike switch and IMMEDIATELY remove batteries. Wipe off excess moisture and allow to air dry for at least 24 hours.
- Dispose of batteries safely and properly.

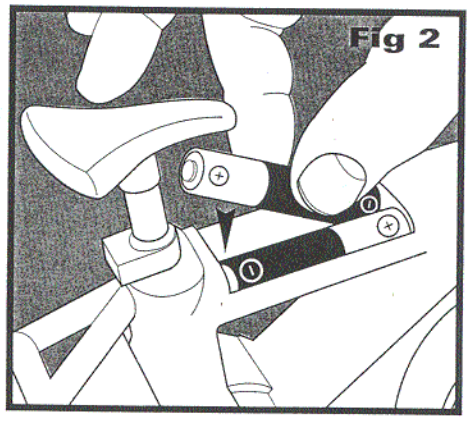
Bike Battery Installation

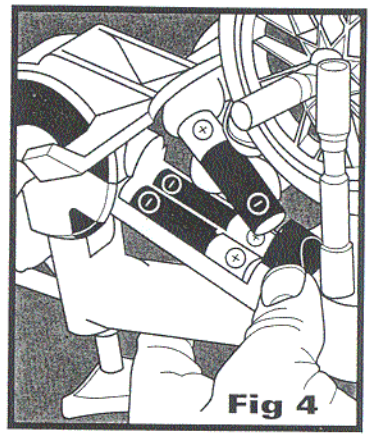
1. Lift LATCHES on UPPER BATTERY DOOR and remove door (Fig. 1).
2. Insert 2 fresh, new "AA" ALKALINE* BATTERIES in the directions shown on label inside compartment (Fig. 2).
3. Snap UPPER BATTERY DOOR securely back into place.
4. Turn Bike over, lift LATCHES on LOWER BATTERY DOOR, remove door (Fig. 3).
5. Lower compartment takes 3 batteries. First insert 2 fresh, new "AA" ALKALINE BATTERIES in the direction shown on the label inside the compartment. Then insert one fresh, new "AA" ALKALINE BATTERY on top of the first two, facing in the opposite direction as the first two, as shown on the label (Fig 4). Snap LOWER BATTERY DOOR securely back into place.
6. Make sure that (+) and (–) on batteries are matched to (+) and (–) on battery compartment labels.

Note: Keep Bike power off to save battery power until you're ready to run.



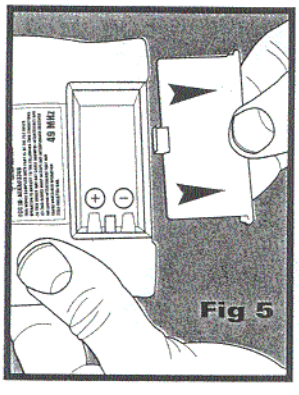


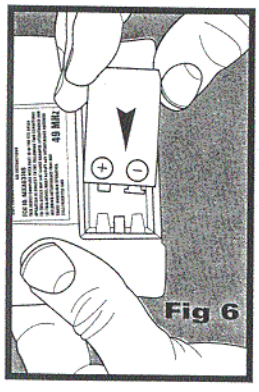


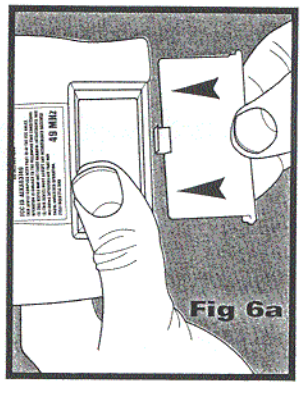


Transmitter Battery Installation

1. Slide open BATTERY DOOR on back of TRANSMITTER (Fig. 5).
2. Insert a fresh, new 9-VOLT ALKALINE BATTERY with the polarity (+/-) as shown on the bottom of battery compartment (Fig 6).
3. Hold battery in place with thumb and slide battery door all the way closed to secure battery. (Fig. 6A).
4. Check for transmitter operation by looking for the red "POWER ON" LIGHT on front to light when a STICK is moved. If LIGHT does not come on, check battery polarity. If LIGHT still does not light, install a brand-new battery.







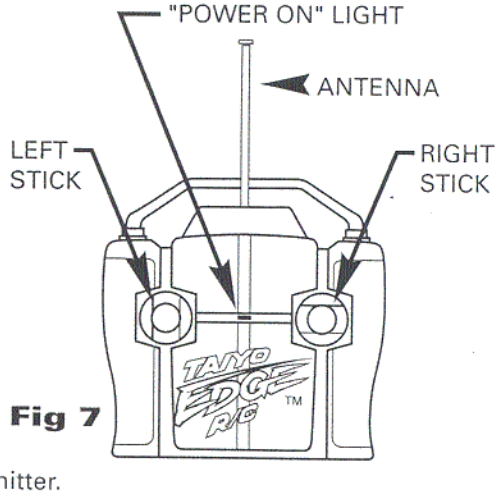


Fig 7

*Using Rechargeable Cells

(Batteries and Charger not included.) Rechargeable "AA" size batteries may be used in Bike. You'll still need to purchase a 9-Volt Alkaline battery for the transmitter.

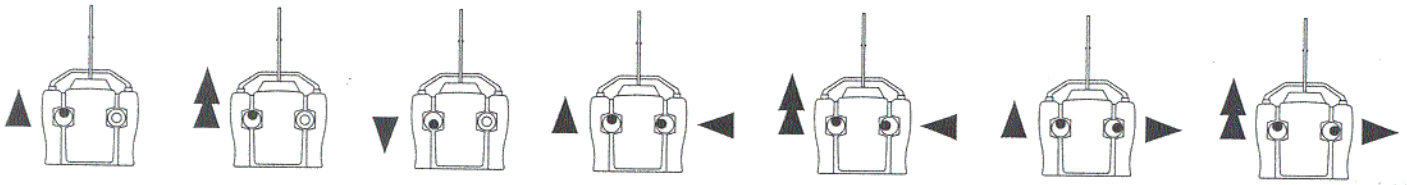
FOR SAFETY AND BATTERY CHARGING INFORMATION, PLEASE READ AND FOLLOW THE INSTRUCTIONS THAT CAME WITH YOUR RECHARGEABLE BATTERIES AND RECHARGER.

ADULT SUPERVISION OF BATTERY CHARGING IS RECOMMENDED.

Transmitter Features and Operation

1. **LEFT STICK (see Fig. 7)**: Push up for Low Speed, push farther past "click" for High Speed. Release to coast. Pull down to Brake.
2. **RIGHT STICK (see Fig. 7)**: Push left for Left Turn, right for Right Turn. Return to center for Straight.
3. **ANTENNA (see Fig. 7)**: Extend fully for operation. Make sure it's screwed in tightly **all the way**. Hold Transmitter so antenna points straight up in the air. Don't touch antenna while operating.
4. **POWER ON INDICATOR LIGHT (see Fig. 7)**

Note: There is no on/off switch on Transmitter. Moving the sticks turns it on. It turns off after a period of non-use.



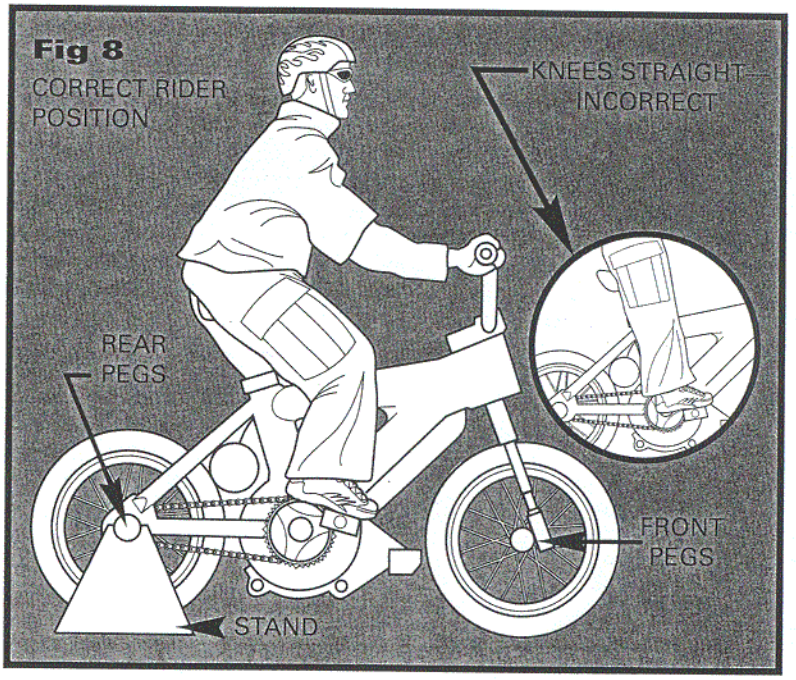
Low Speed Forward | High Speed Forward | Brake | Tight Left Turn | Wide Left Turn | Tight Right Turn | Wide Right Turn

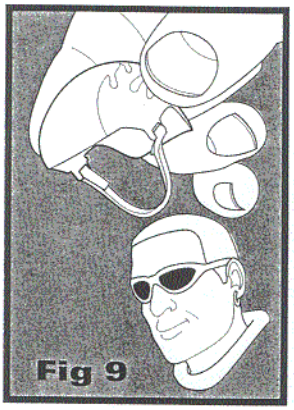
Bike Operation

IMPORTANT: RIDER MUST BE ATTACHED TO BIKE SO THAT BIKE CAN PEDAL AND STEER FREELY. MAKE SURE RIDER'S LEGS ARE BENT AT THE KNEES AND CLOTHING IS ADJUSTED TO ALLOW FREE MOVEMENT. IF LEGS ARE FULLY STRAIGHTENED OR CLOTHING IS TWISTED, LEGS MAY "LOCK" AND PREVENT MOVEMENT. SEE FIG. 8.

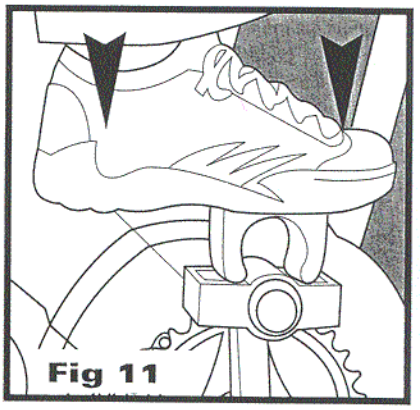
Seating Rider

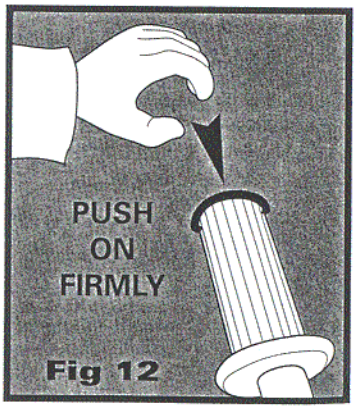
1. Face Rider's head forward. Place HELMET on head and adjust CHIN STRAP under chin (Figs. 9 and 10). Make sure CLOTHES are dry and not twisted or bunched up.
2. Snap PRONGS on bottom of Rider's SHOES all the way into SLOTS in PEDALS (Fig. 11).
3. **Firmly** push Rider's HANDS all the way onto HANDLEGRIPS starting from the outsides (Fig. 12). Bend Rider's elbows slightly.
4. For easier final positioning of Rider, place Bike on STAND by placing REAR AXLE PEGS into CUTOUTS on STAND (Fig. 8).
5. Sit Rider onto SEAT. Adjust Rider's back position and arm positions to match Fig. 8. When properly positioned, Rider will freely and easily sit down on front of seat with **knees bent**.





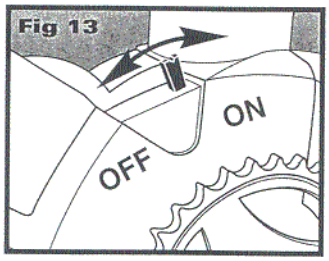


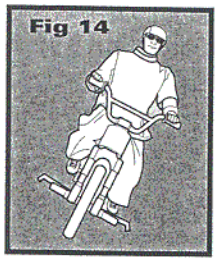




Operation

1. While Bike is still on Stand, test operation for smooth pedaling action. Slide Bike POWER SWITCH (right side of Bike above pedal sprocket) forward to ON position (Fig. 13). You will hear the motorized Gyro spin up to speed. Note: Turn switch off whenever possible to save batteries.
3. Extend ANTENNA on Transmitter fully. Move LEFT STICK on Transmitter up to test pedaling and rear wheel turning.
4. If test is passed, remove Bike from stand and place on ground, leaning on clear plastic STABILIZER (Fig. 14).
5. Push Left Stick upward to drive straight ahead.





Frequencies
2 Bikes can run together or race only if one is 49MHz (Orange) and one is 27MHz (Yellow).

SEE FREESTYLE™ R/C RIDING GUIDE FOR STUNT RIDING POSITIONS

Driving Techniques

1. **Rolling Start**: Keeping fingers clear of wheels and spokes and pedaling feet, hold vehicle still on ground and push Left Stick forward, guiding bike forward until it takes off.
2. **Braking**: While driving, move the Left Stick backwards to brake.
3. **Coasting Stop**: While driving, release the Left Stick to roll to a stop.
4. **Turning Circle**: Your Bike can steer in a circle about 10-15 feet across, depending on speed and surface. To turn more sharply, use Low Speed. To turn most sharply, try "blipping" the left stick forward to pulse the power on and off for extra-slow speed (takes practice).
5. Transmitter has a range of about 65 feet. Don't drive too far or you may lose control of your Bike. Don't touch antenna.

R/C Facts

1. When batteries start to wear down, Bike may slow, stop, or refuse to respond to your control. It's time to replace batteries. *This is absolutely the #1 cause of all problems and questions!*
2. Radio frequency interference can interfere with the control of your Bike. Buildings, power wires, other R/C transmitters, or CB radio can all cause problems. Pick a place to drive that's away from these things.
3. Hold Transmitter so antenna points up, not toward the vehicle. Keep Bike within range to keep control.
4. Water, snow and sand can cause problems. Keep away from them. Wipe bike clean and dry after each use, including inside battery compartments. Clothing can be wiped with a damp cloth and allowed to air dry overnight.
5. Turn Bike switch off immediately after running. Remove batteries for storing. Keep Bike and Transmitter away from heat and direct sunlight and moisture.

Problem	Probable Cause	Correction
Bike will not move or steer	• Batteries dead or low • Batteries installed incorrectly • Loose battery connection • Bike switch is off • Rider preventing pedals from turning	• Remove and replace batteries, making sure battery direction (polarity, +/-) is correct and battery compartment contacts are clean. • Replace batteries with fresh, new alkaline cells OR recharge rechargeable cells. • Turn on Bike switch. • Reposition Rider in starting position with knees bent to allow free pedaling. Adjust clothing so it does not prevent movement.
Bike will not steer	• Rider positioned on front pegs	• Bike won't steer when Rider's touching front pegs. See R/C Riding Guide for "Straight Ahead Stunts."
Erratic operation, loss of control, short range	• Radio interference • Loose or collapsed transmitter antenna • Weak Transmitter battery • Weak Bike batteries	• Move to another location. • Tighten antenna by twisting to screw in. Extend fully. Point up in the air, not at vehicle. Don't touch antenna. • Replace or recharge batteries
Bike stops working after going into water or snow	• Water in battery/electronics/motor areas	• Turn Bike off IMMEDIATELY, remove all batteries, dry inside and out with clean soft cloth and allow to dry overnight with battery doors off.

COMPLIANCE WITH FCC REGULATIONS
THIS DEVICE COMPLIES WITH PART 15 OF FCC RULES. OPERATION OF THIS DEVICE IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY HARMFUL INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.
This device generates and uses radio frequency energy and if not used properly may cause interference to radio and television reception. It has been tested and found to comply with the limits set by the FCC, which are designed to provide reasonable protection against such interference.
CAUTION: FCC Regulations state that changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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