**Getting Set to Race**

Open the race case and remove contents.

(Push in and lift cover up)

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**Supplies You Need** (All sold separately)

- 2 Two Liter Bottles Filled with Water, Soda Pop or Sand
- 1 Roll of Duct Tape
- 4 AA Alkaline Batteries
- Additional Blurzz A10-PT Race Engines

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**WARNING:**

Tripping Hazard—Do not cross race line when track is set up.

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**Race Track Guidelines:**

To avoid damage to your racer and track set:

- Set track up on a smooth, hard and flat surface free of large cracks and holes.
- Clear track of stones and other debris.
- Never use obstacles or ramps with track.

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**RACE Line Guidelines:**

- Keep the line pulled tight.
- Never step or ride over line.
- Never cut or change line length.
- Never lie line.
- Inspect line after each race.
- Replace broken or badly frayed line.

Call 1-800-525-7581 for Estes® race line replacement.

Use only Estes® line.

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**Finish Here...**
3. INSTALLING THE BATTERIES IN THE RACE CONTROLLER

A. Push latch in, then down to open.

B. Insert three ‘AA’ batteries in one side. BE SURE TO NOTE POLARITY.

C. Insert one battery in other side. BE SURE TO NOTE POLARITY.

D. Replace the battery compartment doors.

CAUTION:
Use only ‘AA’ alkaline batteries. Do not mix old and new batteries. Do not mix alkaline, standard or rechargeable batteries. Remove batteries when stored for long periods.

4. TESTING RACE CONTROLLER

A. Remove cap covering light (keep). Replace cap when storing.

B. Clip micro-clips together. Light should not glow.

C. Insert safety key. Press key down and hold. Continuity light should glow with a bright white light. (A dim yellow light indicates batteries are weak and need to be replaced).

D. Continue holding safety key down and press launch button. Light will go out. Controller test complete - remove safety key, disconnect micro-clips.

RACE CONTROLLER GUIDELINES:
Keep safety key out of controller at all times except to start your engine. Make certain safety key is not in race controller when:
- You are connecting micro-clips to the engine/igniter.
- You or others are within 15 ft (4.6 m) of race track.
- You approach your Tuner Car following a mishap.
- You store the race controller.
Immediately remove the safety key after starting your engine.

5. ATTACHING RACER TO RACE LINE

A. Turn Tuner Car upside down and clip front of racer to race line as shown.

B. Slide engine mount into chassis. Make sure both sides snap securely into place.

C. Turn Tuner Car upright and roll into position as shown.

6. PREPARE RACE ENGINE

A. Separate igniter and igniter plug.

B. Remove engine retainer ring from engine mount and place over end of engine as shown.

WARNING:
To avoid risk of burns or other injury, read and follow Engine Instructions included with engines and the Rocket-Powered Model Car Safety Code on the back of these instructions.

WARNING:
To avoid risk of serious injury do NOT use controller if it does not operate as described. Return it to Estes® for repair or replacement. If you drop the controller, resell it. If it fails the test, return it to Estes® for repair or replacement. Do not change the controller in any way.
7. RACING PROCEDURE

A. Check racetrack as follows:
   - Check line for flaws.
   - Pull line tight.
   - Set parachute brake.
   - Make sure everyone is 15 ft (4.6 m) away from racetrack.
   - Check that racetrack is free of obstacles and debris.

B. Have safety key out of controller to avoid injury.

C. With igniter “UP” side engine into engine mount.

D. Twist retainer ring to lock engine in position.

E. Connect micro-clips to igniters as shown. If micro-clips touch each other or the axle, the engine will not ignite.

**WARNING:**

To prevent accidental ignition and risk of burns or other injury, make certain safety key is not in race controller when:
- You are connecting micro-clips to the engine/igniter.
- You or others are within 15 ft (4.6 m) of race track.
- You approach your Tuner Car allowing a misfire.
- You store the race controller.

F. Get everyone 15 ft (4.6 m) away from racer and to either side of track.

**WARNING:**

To avoid risk of being hit or burned by the Tuner Car, you and others must remain 15 ft (4.6 m) or more from track when racing. To avoid being hit by the igniter plug, you and others must not stand behind the racer during ignition.

G. Insert the safety key into the controller.

H. Loudly start your race count down.

I. Push and hold the safety key down.
   - Light will glow.
   - Keep safety key down. Press start button until engine starts.

J. Release both after engine starts. IMMEDIATELY REMOVE THE SAFETY KEY!

CLEAR TRACK! READY! SET! GO!

**MISFIRES**

TAKE THE KEY OUT OF THE CONTROLLER, WAIT ONE MINUTE BEFORE GOING NEAR THE RACER. Take the plug and igniter out of the engine. If the igniter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new igniter all the way inside the engine without bending it. Push the plug in place. Repeat steps E through J.

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ESTES® ROCKET-POWERED MODEL CAR SAFETY CODE
Read Before Using—Keep for Future Reference.

Rocket-Powered Model Car - I will only operate my car outdoors according to the instructions. I will not alter my car or its parts in any way. I will inspect my car after each run and replace any part that is damaged before racing again.

Engine - I will use only the rocket fuel race engine recommended by my car. I will not alter the race engine, its parts or its ingredients in any way.

Electrical Ignition - I will only ignite my rocket fuel race engine when it is in the car and the car is fully engaged to the race track. I will only ignite my race engine with an igniter and the electrical ignition system provided. I will remove the safety key from the system immediately after ignition. I will never ignite the race engine when it is not in the car and on the race track.

Race Line - I will use only the race line recommended for my car. I will not alter the race line in any way. I will check the race line after each run and replace the entire race line if it is damaged in any way.

Racetrack - I will always keep my racetrack line tight so there is never any slack in the line. I will inspect my racetrack after each run and will repair or replace any parts with wear or damage before racing again. I will not alter my racetrack in any way.

Racetrack Site - I will only set my racetrack up outdoors on a smooth, flat surface, free of obstructions, cracks, holes and debris. The site will be clear of all items that may burn including brown grass and dry weeds. I will not use ramps or other items with my track that could cause my car to become airborne. I will not operate the car and/or racetrack in streets, alleys or parking lots that are busy or in areas where prohibited by law. My racetrack site will be at least as large as that recommended in the table below.

### RACETRACK SITE REQUIREMENTS:

<table>
<thead>
<tr>
<th>Rocket-Powered Model Car</th>
<th>Engine</th>
<th>Minimum Site Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blurzz™ Racer</td>
<td>Blurzz™ A10-PT Race Engine</td>
<td>100 ft. (30.5 m) x 30 ft. (9.1 m)</td>
</tr>
<tr>
<td>Tuner Car</td>
<td>Blurzz™ A10-PT Race Engine</td>
<td>100 ft. (30.5 m) x 30 ft. (9.1 m)</td>
</tr>
</tbody>
</table>

Racetrack Safety - I will not permit anyone to cross the racetrack while my car is on the track with engine installed or when running. I will not run my car when the track is wet or if it is windy. I will not operate the race car in any manner that is hazardous to people, animals or property.

Racing - I will make certain all persons are at least 15 ft. (4.6 m) away from my racetrack in all directions before igniting my racer's engine. I will provide an audible signal that the run is about to begin and provide a countdown or advise that the timing lights are working before igniting the engine.

Braking - I will not run my car without the drag 'chute braking system correctly attached to the race line. After each race I will check the drag 'chute and replace it if it has been damaged. I will not alter the braking system in any way.

Pledge - As an owner of an Estes® rocket-powered model car, I promise to faithfully follow all rules of safe rocket-powered model car racing as established in the above safety code.

Signature: __________________________________________

Important - Failure to follow the Estes® Rocket-Powered Model Car Safety Code may result in serious injury to you and others as well as cause serious damage to property for which you may be liable. Any negligent use of the product may void the warranty and you may be held responsible for all claims.
FULL ONE-YEAR WARRANTY

Your Estes rocket-powered model car is warranted against defects in materials or workmanship for one year from the date of the original purchase. If this Estes product, because of a manufacturing mistake, malfunctions or proves to be defective within the one-year warranty period, it will be repaired or replaced, at Estes’ option and at no charge to you, provided it is returned to Estes with proof of purchase. This warranty does not cover incidental or consequential damage to persons or property caused by the use, abuse, misuse, failure to comply with operating instructions or improper storage of the warranted products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. For repair or replacement under this warranty, please return the defective part of your Estes product with proof of purchase to:

Estes Industries, Customer Service Department, 1295 H Street, Penrose, Colorado 81240.

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