



ESTES INDUSTRIES
1295 H Street
Penrose, CO 81240
PRINTED IN CHINA

ROCKET POWERED RACER!

OPERATING INSTRUCTIONS KEEP FOR FUTURE REFERENCE

FUNNY CAR WITH DIGITAL SPEEDOMETER (MODELS #2043, #2044, #2045)

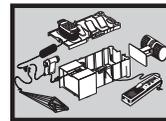
SUPPLIES Sold separately:

NOTICE:

Estes Rocket Powered Racers are for use only outside. The racetrack should only be set up on smooth hard pavement a minimum of 100 ft. (30.5 m) long by 30 ft. (9.1 m) wide. Before running your Racers, READ THE ROCKET POWERED MODEL CAR SAFETY CODE! Failure to follow the Safety Code could result in serious injury to you, others and/or personal property. You are responsible for the safe operation of this product!



BLURZZ™ A10-PT
RACE ENGINES



BLURZZ™ ROCKET
POWERED RACE SET



SMALL PHILLIPS
SCREWDRIVER

IMPORTANT!!

If you purchased a Blurzz™ Rocket Powered Dragster (#2040 Red Menace, #2041 Blue Storm or #2042 Green Mantis) with racetrack, you will need to replace the racetrack before you can run your Rocket Powered Funny Car. The engine mount attached to the dragster racetrack will not work with the Funny Car. The replacement racetrack has an engine mount designed to work with all Estes Rocket Powered Racers (Dragster, Tuner and Funny Car).

For your FREE replacement racetrack, please contact the Estes Customer Service Department at 800-525-7561 ext. 216, Monday - Friday, 8 AM to 4 PM Mountain time, or go to www.estesrockets.com and click on customer service tab along top of page then click on the Replacement Racetrack Form box, fill in the information and click the send form.

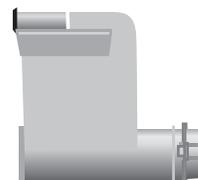
OLD ENGINE MOUNT DESIGN

(Plastic colors are red, blue and green)

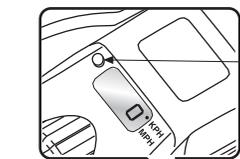


NEW ENGINE MOUNT DESIGN

(Plastic color is silver)



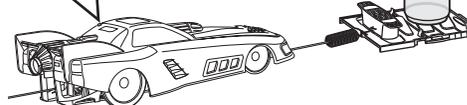
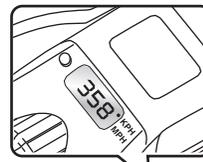
HOW THE SPEEDOMETER WORKS: (see back page for racing instructions)



RESET
BUTTON



B. Race the Funny Car down the racetrack.



A. When Funny Car is ready to race, press the reset button to activate the speedometer. A '0' will appear in the window and 2 dots will alternate off & on. DO NOT move the car once the speedometer is activated.

C. At the end of the race, read the speed the car went on the LCD screen (Alternates from MPH to KPH every 2 seconds). Clear the speed from the LCD by pressing the reset button once. NOTE: The speed reading will automatically clear itself after about 5 minutes if the button is not pressed after a race.

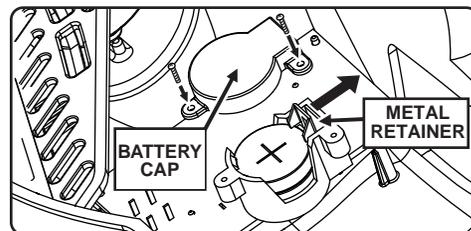
REPLACING SPEEDOMETER BATTERIES

2-Vinnic L1121 alkaline watch/calculator batteries are installed in the Funny Car. Should they need to be replaced, follow these steps:

1. Remove screws from top of battery cap and lift off cap.
2. Push back metal retainer arm of battery holder to remove old batteries.
3. Insert two new batteries into battery holder. Pay attention to the polarity markings on the batteries.
4. Replace battery cap then insert and tighten screws.

BATTERY CAUTION:

- Install batteries in the correct polarity.
- Use only batteries of the same or equivalent type recommended.
- Do not use rechargeable batteries in the racer.
- Remove old or dead batteries from racer when not in use for long time periods.
- Properly dispose of old batteries.



Replacement Batteries Cross Reference for Vinnic L1121 Watch/Calculator battery:
Eveready 191 Panasonic LR1120

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 for 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 racetrack. 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's not in the car and on the racetrack.

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 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 100 ft. x 30 ft. (30.5 m x 9.1 m).

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 my 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 car'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.

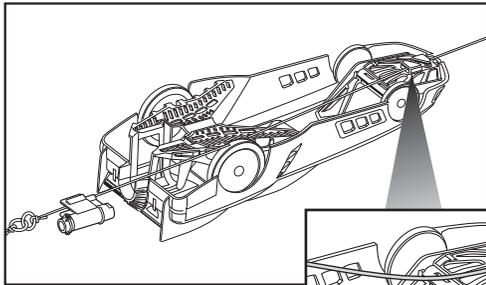
Braking - I will not run my car without the drag 'chute braking system correctly attached to the race line. After each race I will check the drag 'chute and replace it if it has been damaged. I will not alter the braking system in any way.

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.

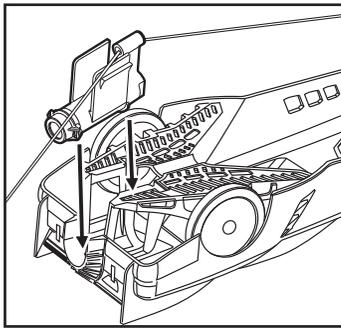
Signature: _____

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.

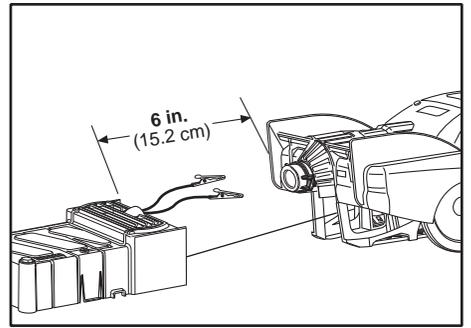
1. ATTACH RACER TO RACE LINE



A. Turn racer 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 racer upright and roll into position as shown.

2. PREPARE RACE ENGINE

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 front of these instructions.



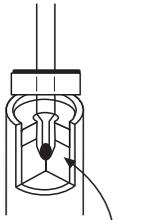
A. Separate igniter and igniter plug.



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



C. Drop in igniter. DO NOT BEND IGNITER LEADS!



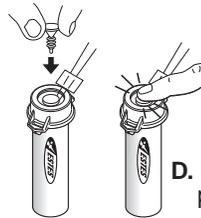
IGNITER TIP MUST TOUCH PROPELLANT!

CAUTION:

To avoid damage to your racer, use only Blurzz™ A10-PT Race engines.

CAUTION:

To prevent the possibility of accidental ignition, never store engines with igniters installed.

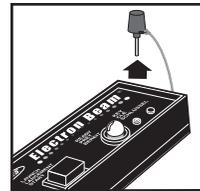


D. Insert and firmly push in igniter plug.

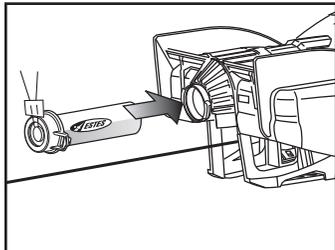
3. RACING PROCEDURE

A. Check racetrack as follows:

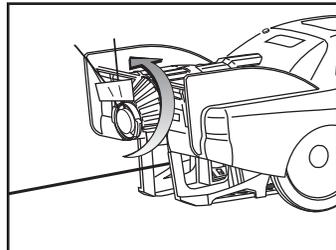
- Check line for frays.
- Pull line tight.
- Set parachute brake.
- Make certain racer is properly attached to line and engine mount.
- Check that racetrack is free of obstacles and debris.
- Make sure everyone is 15 ft. (4.6 m) away from racetrack.



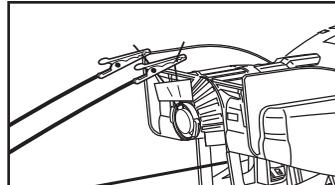
B. Have safety key out of controller to avoid injury.



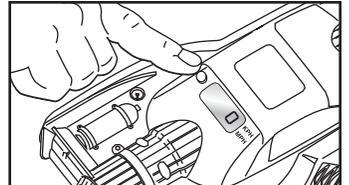
C. With igniter "UP" slide engine into engine mount.



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.

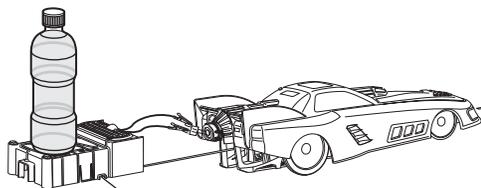


F. Push button to activate speedometer. '0' will show on LCD.

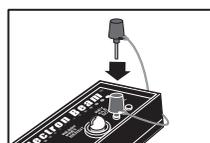
WARNING:

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 racer following a misfire.
- You store the race controller.



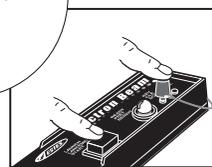
G. Get everyone 15 ft. (4.6 m) away from racer and to either side of track. Do not allow anyone to stand behind track.



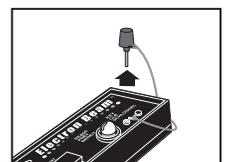
H. Insert the safety key into the controller. Press safety key down firmly, light will glow.



I. Loudly start your race count down.



J. Then keeping safety key down, press launch button until engine ignites.



K. Release both buttons after engine starts. IMMEDIATELY REMOVE THE SAFETY KEY! RETRIEVE RACER AND READ SPEED!

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 C through K.