



**Preparation:**

- Check all nuts, bolts, screws, and clips to ensure they are tight and secure.
- Add medium strength liquid threadlock (like blue Loctite) to any screws threaded into metal parts
- Secure rims/tires to the vehicle properly

**Perform a radio range check:**

- Thread the vehicle's antenna through the plastic antenna tube included with the vehicle.
- Install the correct amount of AA batteries into the transmitter and turn on the transmitter.
- Keeping fingers away from potentially moving parts, hold the vehicle off the ground and turn on the ESC switch found in the vehicle.
- Check that the controls are working properly. The steering wheel should operate the steering and the trigger should operate the motor. Pulling the trigger should make the vehicle go forward, pushing the trigger should apply brake and reverse.
- You may need to adjust the throttle trim found on the transmitter to keep wheels from spinning while trigger is in neutral position.
- Have a buddy hold the vehicle and walk 50 yards away. You and your buddy decide on a routine since it will be difficult to communicate with each other while testing. An example would be . . . .
  - turn wheel left and count to ten, turn wheel right and count to ten, Pull trigger and count to ten, and push brakes and count to ten.
- You will want to repeat these steps moving further out as you progress until you are beyond the maximum distance you plan to run the vehicle.
- Charge supplied battery pack with the supplied charger. Do not leave unattended! If using a different charger, follow the instructions that came with the charger. Make sure you use the correct charger. NEVER try to charge LiPo batteries with anything other than a LiPo charger set on the LiPo charge (or LiPo balance charge) setting and set to the batteries specifications!

**Routine Maintenance (each day of running):**

- Be sure to check your electronics after each use. The electronics are the lifeline of the vehicle and if they aren't working properly, a crash is almost certain.
- Check batteries regularly. It is important to have fresh batteries in the transmitter.
- Using the transmitter, check the steering servo by turning the wheel back and forth. Check that it is operating smoothly and no clicking noises can be heard.
- Make sure all electronics stay dry. Water can short out the circuit boards inside the electronics causing failure.
- The electronic speed controller should be inspected after each use. Make sure all connections are tight and no wires are in harm's way. Check the fan (if included) on the ESC for any debris. The fan is an important component in keeping the ESC cool. Make sure the ESC stays dry and never store with a battery pack plugged in.
- Check the gear mesh between the motor and spur gear. A slight amount of play in the gears with plenty of tooth contact is ideal. If the gear mesh is too loose, the teeth will strip. If the gear mesh is too tight, the motor will overheat and possibly burn up.
- Clean all exterior moving parts with a dry toothbrush or other small brush.
- Be sure suspension components move freely.

**Periodic Maintenance (every fifty hours of use):**

- Grease interior drivetrain gears.
- Check shocks for oil, if applicable. Add oil if low.
- Check tires are tightly secured to rims. Glue if needed.
- Check for cracks or stress on parts. Replace if damaged.
- Periodically range check your radio system to ensure proper operation.
- Check the antenna on both the receiver and the transmitter. Make sure there are no cuts or breaks in the receiver antenna. This will cause glitches and possible signal loss.



**Interested In Becoming A Redcat Racing Dealer?**

Excellent Margins / Full Parts Inventory / Drop Shipping  
www.redcatracing.com - 602-454-6445



- Brushed motors should be sprayed periodically with electric motor spray found at your local hobby shop. This will prolong the motor's life by keeping the commutator and brushes clean. Remember to re-oil the bearings or bushings with a light bearing oil. Brushless motors do not need cleaning.
- Brushless motors require a drop of oil to be placed on the bearings on either end of the motor periodically.
- **\*Important - Keep vehicle dry\***

You can also access the entire online manual for this vehicle with complete instructions, pictures, etc [here](#)



## Interested In Becoming A Redcat Racing Dealer?

Excellent Margins / Full Parts Inventory / Drop Shipping  
[www.redcatracing.com](http://www.redcatracing.com) - 602-454-6445