

## 21. DRIVER CLASSES

These driver classes can be used if there are enough racers to make it worthwhile to split them up. The most important thing is to keep the beginner drivers separate if possible until they get some experience.

A. CHARGER For beginners only.

B. SEMI-PRO Any drivers with previous experience, or drivers moving up from CHARGER class.

C. PRO Drivers with more experience and one moving up from semi-pro.

D. MASTERS Drivers aged 45 years and up.

Note: It is legal to add a 7th factory chassis spacer in the forward position, when running the 4-cell packs. This can prevent the forward tab of the battery tray from coming out of the chassis in an extremely hard impact.

We recommend a price ceiling on radios and electronic speed controls.

**REMEMBER: If the rules DO NOT SAY YOU CAN DO IT , YOU CAN NOT!!**

You may wish to change some rules to suit your local racing, but remember– **once you start changing the rules it is very hard to stop.**

R/C LEGENDS are of a strong, simple design to create a class of racing that is inexpensive, yet challenging enough for fun racing and if the rules are kept the same everywhere, racers will be able to go from track to track easily.

**R/C LEGENDS cars, bodies, and logos are authorized to R/C SPEC RACING DIV. OF RLJ MOLDING,LLC. by 600 Racing Inc. for our exclusive use in R/C cars and R/C car racing.**

### LEGAL BODIES

RJS1016 LEG. 34 COUPE  
RJS1017 LEG. 37 SEDAN  
RJS1018 LEG. 40 COUPE  
RJS1035 LEG 34 SEDAN  
RJS1036 LEG 37F COUPE  
RJS1044 LEG 37F SEDAN  
RJS1045 LEG 37C COUPE  
RJS1046 LEG 37D COUPE  
BL 2244 34 F COUPE  
BL 2267 37 D COUPE  
BL 2270 34 F SEDAN  
BL 2290 37 C COUPE  
BL 2291 37 F SEDAN  
BL 2294 37 F COUPE  
BL 2295 37 C SEDAN  
BL 2296 40 F COUPE

### SUGGESTED MOTORS AND BATTERIES:

DURATRAX DTXC3301 MOTOR

DYNAMITE DYN1171 MOTOR

WE SUGGEST USING MAX OF 1800 MAH BATTERY PACKS. 4 CELL PACKS ARE NO LONGER AVAILABLE. 6 CELL PACKS CAN BE USED WITH TWO CELLS REMOVED.

### CHASSIS & CAR DIMENSIONS

WHEELBASE 9.3 TO 9.4 INCHES

FRONT WIDTH 7 3/4 + 1/4

REAR WIDTH 7 7/8 TO 8 3/8 IN.

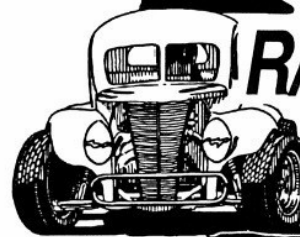
ROOF HEIGHT 5" MIN. FROM GROUND

FRONT TIRE WIDTH 1.1 TO 1.25 IN.

REAR TIRE WIDTH 1.9 TO 2.1 IN.

MAX. TIRE DIAMETER 2.6 IN.

SUGGESTED MIN. WEIGHT 34 OZ. RTR



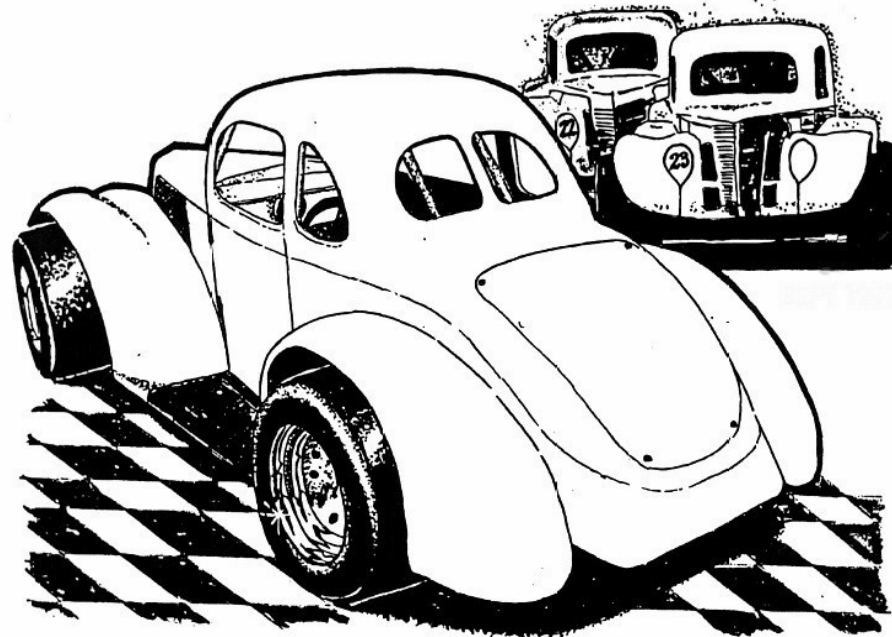
# R/C LEGENDS



## 600 RACING

DEC.2018

# RACING RULES



R/C LEGENDS SPEC RACING CARS AND PARTS

[www.rjspeed.com](http://www.rjspeed.com)

The reason for the development of R/C LEGENDS cars, and these rules is to create inexpensive racing for beginners and experienced racers alike. The whole idea is to put racing back to driving skill and care in car setup, rather than money for the latest technology, the expense of which drives most racers out of r/c racing.

We suggest setting up R/C LEGENDS racing with a separate class for beginner drivers. They should be allowed to do almost nothing to change the car. That way they will spend their time taking care of their car and Learning how to drive better, instead of shopping for more motors and batteries to go faster (and crash harder).

We realize that on certain tracks, gear ratios and tire compounds could be changed to make the cars go faster. However, the most important item to Remember is that we are trying to create an even and fun class of racing.

Keeping the legends stock will give beginners a good, inexpensive place to start ( and stay if they wish) .

**THE CLUBS AND TRACKS THAT HAVE BEEN SUCCESSFUL WITH R/C LEGENDS RACING ARE THE ONES THAT HAVE STAYED WITH THE RULES 100%. ONCE YOU START MAKING CHANGES, THERE'S NO END TO IT!!**

## BASIC RULES

1. **The first rule is that if the rules do not specifically state that you can do something, YOU CANNOT DO IT.**
2. Absolutely no changes to the configuration of the chassis or cutting on the chassis parts. No replacement parts of graphite or other higher tech materials.
3. Any location of receiver and speed control on top of the battery plate is Allowed. Steering servo may be mounted on the front axle plate, or under the long battery tray.
4. No changes in the steering blocks, axle, or springs. Shims are allowed on springs to stiffen front ends. May also add the front kingpin brace ( 5240) to help prevent front axle breakage in severe wrecks. You may put a washer behind the e-clip on the front axle to stop it from pulling thru the steering block.
5. Original front steering rods can be bent as needed, if the steering servo is mounted on the front axle plate. Double lock collars are allowed on each side of the steering linkage to prevent slippage.
- 5a. **RJS5250 ADJUSTABLE STEERING LINKAGE NOW LEGAL**
6. Factory front bumper must remain on the car.
7. No ball bearings allowed anywhere on the car, except inside servos. **No modifications to the oilite bushings in any way.**

8. No changes allowed to rear axle or differential. No ceramic or carbide diff balls or drive rings allowed. No 64 pitch gears– must use original type 81 tooth 48 pitch diff gear . No lightweight rear axles. No thrust bearings allowed, except one in the diff assembly. Steel pinions only.
9. You may change the left side (setscrew) hub to **5313** nylon/aluminum Hybrid hub only, or use 1/4 “ spacer on the left side with the original **5311** hub, and **5309** narrow diff hub to narrow the rear track. Reducing the track width of the car can increase rear traction if needed.
10. Only genuine R/C LEGENDS bodies are allowed as replacements NO changes allowed from trim lines, except for 1/4 “ tolerance around wheels.
- Body must be painted & all windows clear or cut out. It is legal to reinforce the inside of the body where the side posts go thru with tape or scrap lexan from the wheel cutouts.
11. No rollover or stiff antennas allowed. Antenna may be mounted inside the body for small tracks where radio range is not a problem.
12. Only Legends kit tires or legends/spec tires on factory wheels are allowed.
13. Tires must be mounted in the direction shown in the kit instructions ( No reversing front tires).
14. **THE DURATRAX DTXC3301 OR THE DYNAMITE DYN1171 20T MOTORS ARE PREFERRED.**
- 14b. **RJS5248** Legends motor heat sink is allowed. Keeps the motor running cooler and last longer.
15. Battery pack must remain in the stock location, down the center of the chassis between the frame rails. Some tracks are using cheap 1800 to 2000 MAH six cell packs with two cells removed. Other-groups have had success with 1C lipo packs.
16. Must use original equip. pinion gear (21 to 23 tooth 48 pitch STEEL)
17. **RJS5246** 3 PC. FRONT AXLE PLATE ALLOWED TO FACILITATE QUICK FRONT END REPAIRS.
18. **RJS5250** ADJUSTABLE STEERING LINKAGE IS A LEGAL ADD ON FOR ALL LEGENDS RACING.
19. REVERSE: not normally allowed, but could be a local option.
20. Track size: R/C LEGENDS can be raced on any size R/C track, oval or road course. We recommend that if you're setting one up, make the straight sections fairly short so , that driving the turns is more important than top speed.