# Cottage Grove Speedway Hornets Rules - 2014 If it doesn't say you can then can't! Tech Officials Have Final Say In All Decisions!

Any stock 3 or 4 cylinder car or pickup with a wheelbase of 106" or less.

# **Engines**

- -Must be a 3 or 4 cylinder gas engine
- -Stock carburetor or stock fuel injection required.
- -No rotary engines, turbo, or mid engine cars.
- -Engines must remain stock, No aftermarket parts, Engine must match vehicle

## **Drive Train/Suspension/Tires/Wheels**

- -Must use stock transmission and rear/front end components
- -No posi-trac, welded, or spooled rear/front ends
- -No four wheel drive
- -No frame alterations allowed, stock suspension components only
- -No aftermarket race or rebuild able shocks
- -Car must remain at factory ride height.
- -No spring alterations or different spring rates
- -A minimum of a 60 series passenger car tire required
- -No low-profile, racing, all terrain, or mud terrain tires, No mud or snow tires
- -No bead lock wheels allowed
- -All 4 tire/wheel combos must be the same size, no stagger.

### **Car Safety**

A single hoop roll bar made 1 ½" .095 or larger tubing. Roll bar must be behind driver with a minimum of two kicker bars required. Roll cage must be welded to frame or bolted securely to sub frame. One horizontal bar at shoulder height or X-brace in roll bar hoop. Roll bar padding required around driver A four point roll cage 1 ½" .095 or larger tubing and safety door bars are highly recommended.

- -Stock style bumpers required no re-enforcement of bumpers or bumper supports.
- -Third brake light must work.

- -Windshield has to be lexan, or 1"X1" or smaller rock guard screen required.
- -All other glass, plastic/chrome trim, lights, mirrors, and under the hood insulation must be removed. All glass inside of the door must be removed.
- -All doors must be welded or bolted shut. The driver's door must be plated with a minimum of one 3"x 1"x or larger flat bar strap half way up the door starting from in front of door to extend past the rear of the door. Multiple straps or full door plate is recommended.
- -Hoods must have 2 hood pins in front and use stock hinges.

### Fuel Tank.

- -If fuel tank is mounted in front of rear axle it may be used.
- -If fuel tank is mounted behind rear axle, it must be removed and replaced with a 6 gal plastic boat gas tank mounted inside of a foam filled 18-gauge steel box in trunk as far forward as possible.
- -Fuel tank or fuel cells are required to have two ¾"X ¼" or larger flat bar mounting straps going from front to back, over and under fuel tanks, and one 3/4" X ¼" or larger flat bar mounting strap going around fuel tank side to side.

A aftermarket racing fuel cell is highly recommended.

- -The battery must be removed from stock location and secured in a sealed battery box mounted in cockpit behind driver.
- -Exhaust must be leak free and extend behind the driver with muffler that meets 95db @ 100'
- -Car numbers must be at least 18" tall and in contrasting color. Numbers must be on drivers door, roof, and passenger door.
- -No two-way communication allowed

### **Personal Safety**

- -Racing seats are highly recommended but not required.
- -Five or six point racing seat belts are required.
- -A full faced race helmet required with neck brace. A single layer fire retardant suit required with fire retardant gloves. Full leather shoes or full leather boots required.
- -Driver's side window net with quick release required.
- -A 2 ½ pound fire extinguisher mounted within the drivers reach is required.
- -It is the responsibility of the driver to prepare their car free of defects and in safe racing condition

Raceceivers will be optional in 2014 for the Hornet class only. Cars will have 2 laps to line up. If a car restarts ahead of where they are supposed to they will lose a lap!