

July 12, 2024 Galax Fire Department Figure 8 Race Car Rules And Regulations

-One big night of Fig 8, Circle, and Backwards Racing, Friday July 12, 2024. We will also have a Sack Race and a Powder Puff Race if possible. (The preliminary races, second chance, semis, and mains can change depending on how many cars we have and if we need them.) (The number of laps and number of cars per heat will be based off of the number of cars that show up and will be determined the night of the race!)

-PRE-REGISTRATION IS RECOMMENDED AND PREFERRED. The entry fee is \$50 per car. You will be able to register on the Galax Fire Department website and pay there as well. The link is www.galaxfire.com. Entry fee will be for the driver and one additional pit crew/pass wrist band. Additional people in the pits will be \$25 per person. Kids 5 and under will be free and kids 6-12 will be the same price as normal gate entry fee. No person **WITHOUT** a pit crew/pass wrist band will be allowed in the pit at any time. Entry fee's for cars can also be paid for at the pit gate until 5:30 on race night.

-Payout: Payout is to be determined and will be announced at a later date.

-Cars may be denied entry or removed from races/heats for any violation of the rules.

-All drivers and anyone in the pits will be required to sign a liability waiver. People under the age of 18 will need a guardian to sign a liability waiver for them.

-Drivers or Pit Crew are **NOT** allowed on the stage at any time. At **NO** time will they be allowed to enter the announcers stage or walk up on it unless asked by a track official. If any driver or any of their pit crew is on the stage the driver will be automatically disqualified.

-Drivers are **NOT** allowed to get out of their cars during any race unless directed by a track official. Drivers are **NOT** allowed to work on their cars during any race unless the track officials have stopped the race and that is the reason the car will not start back. If the car stops running before we stop a race the driver is **NOT** allowed to work on the car. If a track official stops the race and that is the reason the car will not start back the driver will be allowed a reasonable amount of time to restart it. That time will be determined before the races start. However if the driver can get the car started from inside the car they are allowed to do that at anytime and continue the race.

-Each Race/Heat will be filmed from the stage incase there are any questions/concerns about finish and playing of cars.

-Opening Ceremony will start at **6:30 pm** with racing to follow

-Racers will be allowed to work on their cars between heats and races until the time for them to be in the staging lanes for the next race. Drivers **MUST** race the same car, **NO** exceptions!

-Pit gate will open at **2:00pm on Friday July 12th**. You will have to pay for the car and additional wrist bands before entering pits. Drivers meeting will be at 5:30 pm and cars must be registered by 5:30pm on Friday night before the drivers meeting are will not be allowed to race. All drivers must attend the drivers meeting. Hot laps for practice will begin at 6:00pm.

-There will be an entry lane on the track and a separate exit lane off of the track. Racers for the next heat will be **REQUIRED** to have their car in the entry lane prior to the last car coming off of the track from the previous heat or they will be disqualified.

-Drivers may enter more than one car and drive more than one car. However drivers will not be allowed to put different cars in different heats if a previous car breaks down or is no longer running. Once a car starts a heat that car must finish that heat (race) or the driver is no longer allowed to race.

-Compact Figure 8 Race Car must be a manufactured stock four or six cylinder car with a **MAXIMUM** wheel-base of 112" measured from center wheel to center wheel.

-Must be either front or rear wheel drive - AWD cars must be made front or rear wheel drive. Locking differentials is ok.

-**ALL GLASS AND CHROME TRIM** and anything that might become imbedded in the track, must be removed from the car before bringing auto to the grounds. Also, car must be cleaned out, including trunk. Fire walls must remain in place. Do not leave broken glass in doors, clean them out. **WINDSHIELDS MUST BE REMOVED. ALL AIR BAG SAFETY SYSTEMS** (this includes activation charges) must be removed.

-Most 4/6 cylinder cars have the FUEL PUMP in the GAS TANK. If the tank is located in the front of the rear axle, the tank does not have to be removed. It also is not allowed to have more than 6 gallons of gas in it. If an electric fuel pump is used, the driver must have a shut off switch within reach. If the fuel pump is not located in the tank or it is located behind the rear axle, the tank must be removed or relocated inside of driver compartment. A metal or plastic marine tank shall then be used. Tank must be strapped and bolted to the floor and not hold more than 6 gallons of gas. If original tank is relocated, you must weld a Gas Tank Protector around tank to keep from being damaged from a side impact. This Gas Tank Protector can be added to the Drivers Rollover Bar / Cage. Carpet **MUST** be removed if tank is installed inside of car.

-**SUN ROOFS**: All vehicles equipped with sun roofs must have sun roofs covered up with plate.

-**SEATBELTS** must be in good working order - original OEM shoulder style seat belt are OK. You may use racing belts but they must be attached to a roll bar/cage.

-**BUMPERS** - you may swap bumpers from make to make. Bumpers may be welded directly to frame (hardnose). You may construct a "homemade" bumper out of metal but this bumper cannot stick out past the outside of the tires of the car. No sharp ends on bumpers. No Exoskeleton type of cages or bumpers on cars. Bumpers can be no more than 10 inches from the radiator support. Bumpers may not be loaded/filled and must be hollow.

-**ENGINES** - you may swap any 4/6 cylinder engines from make to make. You may install a RWD engine/trans/rear into a FWD car. **NO** turbo charged cars.

-**TIRES** - tires must be a DOT passenger car tire. You may groove tires. You may tube, or double tires (tire inside of a tire). You may weld Valve Stem Protectors to wheels. No Studded Tires or tractor tires. Wheel weights must be removed from rims.

-**CAGE** it is highly recommended that Figure 8 Race Cars have a drivers cage built inside of the car. You may weld kickers to the front and rear frame. You may make a rollover bar that can extend straight up behind the driver's seat, outside the car and over the roof. This cage rule is open to the builder - make it safe for you but it must stay inside the driving compartment, no exoskeleton cages. If you are installing a race seat, it must be attached to the cage along with racing seatbelts.

-**EXHAUST** may be removed or cut off just after the front seats. Do not position exhaust to deflect the heat out the side of the vehicle. Additional headers, stacks, or custom manifolds may be used and go up through the hood.

-BATTERY can either be a passenger car or marine if allowed. It can remain in the original position or you are allowed to move the battery to the front floorboard area. Must be mounted securely and covered by a nonconductive material for participants protection.

-A **12x15** inch hole must be cut into the center of the hood, to allow for early fire detection.

-HELMETS (DOT REQUIRED, NO EXCEPTIONS) and IMPACT RESISTANT EYE PROTECTION is required. Driver can be disqualified at any time if either belt or helmet is removed during heat. Drivers must wear wear long sleeve shirts and pants or coveralls (it is suggested that you consider wearing a fire suit or some type). No electronic communications between driver and any other individuals are permitted. **NO TWO WAY RADIOS!!**

-WINDOW NETS are recommend but are not required.