

## Car rules and regulations for male and female Figure 8 Races

1. Cars and station wagons only, FWD or RWD. No AWD.
2. All glass must be removed from your car, including headlights. Glass fragments must be removed from door cavities. All plastic/ foam/ fiberglass must be removed from the inside and outside of the car, this includes plastic bumper covers. (If it can fall off it must be gone.)
3. The hood and trunk lid of your car must be chained, bolted or pinned down securely. The hood must have holes cut on both sides for extinguishing fires.
4. The doors of your car must be chained, bolted or welded shut securely
5. You may not in any way block or weld your springs. Suspension must work front and rear. Car must bounce.
6. Racing harness is Mandatory.
  - a. Seat belts must mount to cage or body. Preferably to the cage.
  - b. Lap belts to cage or stock seat belt mounting hole, shoulder harness to be mounted center of seat with bolt for both belts on cage.
  - c. Seat and belts should be mounted both to the cage or both to the floor.
7. Driver's seat must be securely fastened to the floor or cage, the seat back must be braced so it cannot recline or move back. Racing seat preferred bolted to the cage.
8. You may reinforce the driver's door only. Outside reinforcement may NOT extend farther then 6" in front of door seam or 6" from rear of door seam. Also, it may not stick out farther then 2" from the door skin. Ends of reinforcement must be tapered and capped. (Not sharp)
9. You must have a 4-point roll cage, specs for the roll cage are as follows:
  - a. The 4 risers must be 1 3/4" pipe or tubing minimum, other bars can be 1 1/4" pipe, .095 thickness (or – 1/8" minimum)
  - b. There must be an X-brace behind the driver.
  - c. Drivers Door Bars
    - i Two bars minimum on driver's side but must have a plate welded or bolted to protect driver
    - ii Three door bars only, no plate (1 3/4" minimum for bars)
  - d. 1 door bar minimum on passenger side. (This bar to be 1 3/4" pipe or tubing minimum.)
  - e. Gussets must be used on main 4-point cage
  - f. If cutting off roof for cage placement, weld roof back on with metal plate (no screws or bolts can be used)
  - g. Two rear kickers from the main cage are mandatory (must not extend past rear strut towers)
  - h. Cage must be welded or bolted to floor/frame
  - i. Inspectors have final say on roll cages.
10. You must have a racing style removable window net on the driver's door. Mesh on the windshield in front of driver preferred. (Wire mesh not allowed on driver's door)

11. Factory passenger car bumper or a 2x4x1/8" rectangular tube only, nothing else will be allowed. Bumper width center of tires maximum. Bumpers may be capped to fender with metal plate no longer than 18", 6" wide, 1/8" thick. Cars found with illegal bumpers will run without a bumper that night.
  - a. No plating or reinforcing front bumpers. Or stuffing front bumpers.
  - b. No bracing past frame rails
  - c. You will be allowed to add a plate on the outside of the frame rails in the "crush zone". Plate can be a 1/4" thick 4" wide from the bumper to no further than 10" behind the body bolt. (Must be welded to the bumper) (Refer to diagram on Page 4)
  - d. Plastic bumper covers must be removed. Refer to rule #2.
  - e. Inspectors have final say on all front ends
12. You are allowed to protect radiator, but it must be inside grill. You are allowed to put pipe between frame rails, one pipe along top of core support, and no more than 4 vertical bars between top and bottom pipe. Radiator protector may not be made anything bigger than 2" pipe maximum. Lower part of radiator may be protected if factory core support is damaged. No back bracing farther back than 12" from the front of the radiator. No bracing allowed outside of frame rails. Radiator must be in stock location. Radiator protection bar must have a 1" space minimum between the rear of the bumper and the front of bar. (Refer to diagram on Page 4) Factory front strut to radiator support braces must remain stock (no reinforcing or homemade braces). No metal connecting the radiator bar to the bumper.
13. All airbags must be removed or blown
14. Remove wheel weights from all the wheels
15. No trailer hitches
16. No added weight
17. No stock gas tanks inside cars. It must be in stock position. If you are unable to put gas tank in stock position, put it in the trunk but it must be securely fastened, and a metal firewall must be between the tank and driver. Fuel lines must be routed and secured properly. Fuel lines inside of car must be in conduit.
  - a. If in trunk, protection bar required, 2" max tube or pipe no taller than tank level and no wider than rails, kickers allowed not more than 12" forward from the rear of tank.
  - b. If gas tank is in the normal position, it must have a metal protection bar behind it (steel bumper will work)
  - c. Fuel tank may be placed behind seat if it is in an approved racing fuel cell.
18. Homemade bumpers will be allowed in the rear but cannot be wider than 4" past each frame rail. Bumpers must be 4" x 2" x 1/8" tube.
19. Battery can be in drivers' compartment, but it must be securely fastened down and covered properly
20. All cars must have 4 numbers. The numbers on both side doors must be 18" tall and 2" wide. Also, must have standing numbers on the roof, they must be 10" tall and 6" wide. They must be in a contrasting color and visible from both sides. (This is what the counters use and if they cannot easily see the numbers, you will not be counted.)
21. Hoods must be removed and ready for inspection in the check in line.
22. Brakes on drive wheels must work. If we suspect your brakes don't work, we will do brake test at lineup
23. Frame repair/frame patches. 4" x 6" x 1/8" thick plates allowed with 1/4-inch hole in patch for inspection purpose. Patch welded on one side of frame only, four patches per side of car. Repair patches on bent areas only, no patches allowed unless frame has damage, no overlapping patches (with exception of rule #11c). No patches on fresh built cars. (With exception of rule #11c) If patches found illegal you will cut.

**All rules are subject to inspector's approval and are there for everyone's SAFETY!**

## Driver Rules

1. You must be 18 years of age to operate a vehicle in this race and have a valid driver license or 16 years of age with parental release forms
2. You must be 16 years of age to enter the pit area
3. All drivers and pit crew members must sign an insurance agreement and pay the pit gate fee upon entering
4. The driver is the only person allowed in the car during any race
5. There will be an entry fee of \$10 for each car. Late entry fee will be \$20.
6. All drivers must remain in their cars until the announcer has officially declared the race is over except in case of fire.
7. All drivers must wear helmet, full length pants, closed toe shoes and long sleeves or jacket (fire suit preferred).
8. Absolutely NO beer in the pit area until that last checkered flag drops!
9. Any driver that hits another car in the driver's door is automatically disqualified. No expectations!
10. Any car that cannot compete after the heat race must notify the track steward.
11. Any driver not completing the course is automatically disqualified
12. If a car is not in position when cars leave for track, it forfeits the spot and will start in the rear.
13. Cars must be lined up on the track in their feature to be counted for points
14. Any rule or regulation not covered here will be left up to track officials

## Contacts

Alvin Smidstra – 712-348-2952

Larry DeBoer -712-461-2534

Trinnity Lansink – 712-461-0559

Jared Van Engen – 712-260-7517

(call for car questions)

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