

Rules of Participation

The figure 8 races are produced as an unusual spectator attraction. In the interest of safety, anyone entering is subject to and must obey the following rules and regulations that are set up cooperatively by the IDRA and the 4 Southeastern Iowa tracks.

The figure 8 races will be composed of individual heats and featured events. The decision of the official judges and counters will be final for all events.

- A. The promoters reserve the right to approve or reject all entries.
- B. Each driver must sign and fill out an the entry form. An entry of \$25.00 will be charged and that includes drivers pit pass only.
- C. Owners, pitmen, and anyone entering the pit area will pay a \$15.00 fee for a pit pass. Only individuals with a pit pass will be allowed in the pits. All persons entering the pit area must sign a waiver of liability. **NO ONE UNDER 14 IS ALLOWED IN THE PITS.**
- D. Drivers must be 16 years of age: with judges' right to determine driver incapability. (16 and/or 17 year old drivers must have parent's signature.
- E. No cars are permitted on the track before their heat or before the official hot laps.
- F. Cars may be inspected before they are allowed to race. Cars can be randomly checked for certain items at any time after any race.
- G. A driver can protest another competitor's car immediately after a race. It must be done within 15 minutes after that car race. A protest fee of \$35.00 cash must accompany the protest. The car will be inspected for legal engine, tires, and suspension. If the car is found illegal, protesting driver will get \$25.00 back and \$10.00 will go to the track officials.
- H. Rules are subject to change according to the committee.
- I. **NO BEER OR ALCOHOL** will be allowed in the pit area. Drinking on the track or pit area will result in your removal from the grounds, the car will be disqualified, and the points and winnings will be forfeited for that event. **FIGHTING AND EXTREME BAD LANGUAGE WILL RESULT IN THE SAME PENTALTY AS ABOVE.** This included drivers, pit crew, and followers. **Drivers you are responsible for these individuals.** Official's decisions are final.
- J. All points stay with the driver and no switching of cars.
- K. Additional safety regulations may be imposed depending on track conditions.
- L. All cars are to be removed from the grounds within 48 hours following the race or they become tack property.

Race Rules

- A. No deliberate hits, head on collisions, or hitting a drivers door. Violators will be **BLACK FLAGGED** both driver and car will be **DISQUALIFIED** for the remainder of the day. If in the flagman's judgment, that the hit and/or conduct was deliberate.
- B. A car will be **BLACK FLAGGED** if a tire comes off the wheel, unless that car is running in the top 3 positions and doesn't get passed. If the car gets passed, then it is **BLACK FLAGGED.**
- C. Any driver or car judged to have violated the rules will be **BLACK FLAGGED** and must leave the track immediately and return to the pit area.
- D. It the car is late to staging area and the cars are on the track, but not racing, the late car may still enter the race but must start at the rear.

Pro Stock

Body

1. Any stock American made steel top car or station wagon. No convertibles, jeeps, hearses, limos, front wheel drives, el caminos, rancheros or trucks.
2. Bodies must remain GM-GM, Ford-Ford, Mopar-Mopar. May reskin with a newer body. Such as FWD Grand Prix, Monte Carlo bodies on your metric frames. In place of the original.
3. All bodies must original steel firewall and floor pans that match the frame in original location.
4. All bodies must be bolted down using factory frame holes. May remove factory bushings. No welding of body to frame from cowl area to rear of car.
5. Radiator core support may be removed and replaced with 2x2 angle iron no thicker than 1/4" or 1 3/4" roll bar tubing. Must be inline with or behind radiator and vertical. Top support can go from fender to fender. May connect to the front loop with no bigger than 1 3/4" tubing. One 3/4" pipe between frame rails directly in front of radiator is allowed.
6. **Hood and trunk must be pinned not nuts and bolts, for fire safety. Trunks must open.**
7. May have steel under drivers seat and leg area or from center hump to rocker panel welded or bolted to body or cage. Must retain stock floor on passenger side of car.
8. No welding of floor pan to frame.
9. All holes in firewall and rear seat area must be covered with metal.
10. Both doors must be welded, chained, or bolted shut.
11. Drivers door only can be reinforced from the outside. A steel plate no thicker than 1/8" may be welded from wheel to wheel, and from rocker panel up the side of the door 18 inches on drivers side door only. A single rub bar no bigger than 1x3" and stretching no longer than from wheel to wheel may be installed, by bolting or welding to both sides of car.
12. Driver and passenger compartment must remain open. No enclosed cockpits.
13. No reinforcing of any kind on the inside of front fenders or passenger side door. No pip or steel plate.
14. May have single tube no bigger than 1 3/4" from quarter to quarter across rear of trunk opening and single bar of same size back to frame or kicker. May have single 1 3/4" tube inside of quarter pancel from rear bumper to rear wheel well. With kickers back to frame.
15. Single body steel. All body repairs must be done with thin sheet metal. No plating. Any patching of the body must be no more than 1/15" thick and no more than 2 inches from damaged area.
16. All glass, plastic, upholstery, lights, mirrors, and chrome must be removed.
17. Number plate on the roof is mandatory. Numbers on roof plate must be at least 10 inches tall. Car numbers on both doors and on roof plate and easily read. No spray painted numbers. Letters may appear behind the number and must be at least 6 inches tall. No four digit numbers allowed.
18. No adding of ballast or weight of any kind anywhere in the car. In frames, bumpers, body, etc.
19. A 1/2" rod may be welded around fender openings.

Frame

1. Repair of rails from rust or damage from center of rear axle forward must be of 1/4" flat steel or less, no angle, channel, or box iron.
2. Center of rear axle to back bumper can be replace with 2x3" box tubing no thicker than 1/4" in the stock location.
3. Rear frame rails must be able to safely support bumper and protect the fuel tank.
4. Unibody cars can connect front and rear rails together with 2x3" box tubing.
5. X-ing of frame is allowed.
6. All repairs must be approved by racing inspector.

Roll Cage

1. Minimum of 4 point cage securely welded to the frame.
2. Rear kickers are allowed, but must stay in trunk area.
3. Front loop allowed, maximum of 1 3/4" tubing. Loop no farther forward than front of frame.
4. Must have at least 3 drivers side door bars.

Safety is priority. Cages will be inspected, cages appearing unsafe will not race.

Fuel Tanks

1. Must be in trunk area.
2. Original tank must be removed
3. Fuel cells mandatory.
4. All fuel cells must be securely fastened down.
5. Must have roll over valve in place.

Fuel

1. No racing fuel, aviation fuel, or E-85. Pump gas only.
2. Fuel line inside drivers compartment must be in steel tube.

Fuel Tank Protection

1. May weld in a bar on wider than frame rails across back of trunk with 2 bars going down and 2 bars going ahead to frame or cage kicker bars to form a cage around the fuel cell for protection, bars can be no larger than 2" but not required.

Bumpers

1. Must be stock car bumpers only
2. No reinforcing inside of bumpers
3. Must be bolted to frame
4. Bumper ends must be capped and welded to the body with small straps of metal no taller than the bumper. Safety chaining of bumpers is recommended.
5. If using plastic, nose must use an O.E.M. bumper
6. May use a single nerf bar on top or bottom with no kickers, no wider than the frame rails and no taller than 10". No larger than 1 3/4" pipe.

Rear ends

1. Stock or 9" Ford rear end. Floaters allowed

Brakes

1. All four brakes must work. Must lock up on inspection.
2. No aftermarket brake pedals allowed.
3. No bias adjusters
4. Rear disk brakes allowed

Shocks

1. No coils over shocks
2. Must be in stock locations. May be racing shocks

Springs

1. Stock style in stock locations. May be racing springs.

Suspension

1. Stock upper and lower A-Arms
2. Stock rear end control arms

Steering

1. No quick steer allowed

Drive Shafts

1. Must be painted white. Must have at least one strap or chain under drive shaft.

Battery

1. One automotive type battery.
2. Securely fastened down and covered inside battery box.
3. Not to be in trunk area.

Wheels and Tires

1. Must use one inch lug nuts.
2. Can use any racing wheels/rims. Bead locks allowed
3. Four ply radial passenger car tires. Maximum 8" wheel and 10" tire
4. **No mud tires.**
5. Protection around valve stem allowed.

Radiator

1. Stock or O.E.M. aluminum allowed. Aluminum racing radiators allowed.
2. Radiator must be in stock location.

Engine stock GM-GM, Ford-Ford, Mopar-Mopar

1. Cast iron factory head and blocks. No aluminum heads. No aftermarket heads.
2. Flat top or dish pistons only
3. No roller rockers or roller tip rockers. No roller cams.
4. Cast iron factory intakes or aftermarket aluminum intakes
5. Aftermarket carbs allowed. Only a single carb.
6. Headers allowed, but must exit under car.
7. Engine must be in stock location.
8. Engine must carry 15" of vacuum at 1,000 RPM's at any given time
9. If using electric fuel pump or fuel injection must have crash or roll over shut off valve.

Driver Protection

1. Racing seat mandatory
2. Driving suits mandatory.
3. Must have a 5 point harness and window net
4. No open face helmets
5. **Must have neck roll.**

Remember: Build the car for driver safety.

Open

Body

1. All glass, plastic, upholstery, lights, mirrors, moldings, and chrome must be removed
2. Car numbers on both doors and on roof plate. Numbers on roof plate must be at least 10" tall. Letter may appear behind the number and must be at least 6" tall. No four digit numbers allowed.

Roll Cage

1. Minimum of 4 points cage securely welded to frame.
2. Must have at least 3 drivers side door bars.
Safety is priority. Cages will be inspected, cages appearing unsafe will not race.

Engine

1. No aluminum blocks

Fuel Tanks

1. Must be in trunk area
2. Original tank must be removed
3. Fuel cells mandatory
4. Fuel line inside drivers area must be inside metal tubing.
5. Electric fuel pump must have roll over or crash shut off valve.

Brakes

1. All four brakes must work. Must lock up on inspection.

Drive Shaft

1. Must be painted white.
2. Must have at least one strap or chain under drive shaft

Battery

1. Securely fastened down and covered inside battery box.

Wheels and Tires

1. Racing tires or DOT tires
2. Maximum 10" wheel and 10" tire

Weight

1. Must be painted white with your car number on weight
2. Weight must be securely mounted in car

Remember: Build the car for driver safety.

Stock/Cruiser

Body

1. Any stock American made steel top cars or station wagons. No convertibles, jeeps, hearses, limos, front wheel drives, el Caminos, rancheros or trucks.
2. No swapping of bodies. Body and frame must match.
3. All bodies must be bolted down using factory body mount holes. Body bushings may be welded down to frame.
4. Radiator core support may be removed and replaced with 2x2 angle iron or 1 3/4" roll bar tubing. Must be in line with, or behind radiator and vertical. Top support can go from fender to fender. Angle brackets rearward must stay in front of A-frame. One 1 3/4" pipe between frame rails directly in front of radiator allowed.
5. All bodies must have original steel firewall.
6. May have steel no thicker than 3/16" under drivers seat and leg area or from center hump to rocker panel welded or bolted to body or cage. Must retain stock floor on passenger side of car.
7. No welding of floor pan to frame
8. All holes in firewall and rear seat area must be covered with metal.
9. Both doors must be welded, chained, or bolted shut.
10. Trunk must open
11. Drivers door only can be reinforced from outside. A single rub bar no bigger than 1x3" and stretching no longer than from wheel to wheel may be installed, by bolting or welding. A steel plate no thicker than 1/8" may be welded from wheel to wheel, and from rocker panel up the side door 18" on drivers side only.
12. Driver and passenger compartment must remain open. No enclosed cockpits.
13. No reinforcing of any kind of the inside of front fenders, passenger side door, or either side rear quarter panel. No pipe or steel plate.
14. Single body steel. All body repairs must be done with thin sheet metal. No plating. Any patching of body must be no more than 1/16" thick and no more than 2" from damaged area.
15. All glass, plastic, upholstery, lights, mirrors, molding, and chrome must be removed.
16. Car numbers on both doors and roof plate and easily read. No spray painted numbers. Number plate on hood is mandatory. Numbers on roof plate must be at least 10" tall. Letter may appear behind number and must be at least 6" tall. No four digit numbers allowed.
17. No adding of ballast or weight of any kind anywhere in the car. In frames, bumpers, body, etc.
18. A 3/8" rod may be welded around fender openings.

Frame

1. Repair of rails from rust or damage from center hump of rear axle forward must be 1/4" flat steel or less, no angle, channel, or box iron.
2. Center of rear axle to back bumper can be replaced with 2x3" box tubing no thicker than 1/4" in stock location.
3. Rear frame rails must be able to safely support bumper and protect fuel tank.
4. Unibody cars can connect front and rear rails together with 2x3" box tubing
5. All repairs must be approved by racing inspector.
6. May X brace rear frame from center hump to rear bumper

Roll Cage

1. Minimum of 4 point cage securely welded to frame.
2. Rear kicker is allowed, but must stay in trunk area.
3. Must have 2 small bars from front of cage to behind A-Arms.
4. No bars or reinforcement whatsoever from A-Arms ahead.
5. Must have at least 3 drivers' side door bars. (Cruisers need door bars on both sides)

Safety is priority. Cages will be inspected; cages appearing unsafe will not race

Fuel Tanks

1. Must be in trunk area
2. Original tank must be removed
3. Tank must be designed for fuel, no homemade fuel tanks.
4. No 5 gallon buckets, or cans allowed
5. Boat or plastic tanks only, but must be inside metal box.
6. Fuel cells recommended, but not mandatory. If using a fuel cell with capacity of over 5 gallons, please try to limit to 8 gallons of fuel.
7. All fuel cells or tanks must securely fasten down

Fuel

1. No racing fuel or aviation fuel, pump gas only
2. Fuel line inside drivers' area must be inside metal tubing.
3. No E-85

Fuel Tank Protection

1. May weld in a bar no wider than frame rails across back of trunk with 2 bars going down and 2 bars going ahead to frame or cage kicker bars to form a cage around the fuel tank for protection, bars can be no larger than 2". Not required

Bumpers

1. Must be stock car bumpers only
2. No reinforcing inside of bumpers
3. Must be bolted to frame
4. Bumper ends must be capped and welded to the body with small straps of metal no taller than the bumper. Safety chaining of bumpers is allowed.
5. If using plastic, nose must use an O.E.M. bumper

Rear Ends

1. Stock. Can be welded posi.

Brakes

1. All four must work. O.E.M. brakes only. Must lock up on inspection
2. No aftermarket brake pedal setups.

Shocks

1. Stock. No racing shock, no coil over shocks
2. Must be mounted in stock location and mounts.

Springs

1. Stock. Stock mounts, stock location, and no spacers.

Suspension

1. Stock upper and lower A frames
2. Stock rear end control arms

Steering

1. No quick steer

Drive Shafts

1. Must be painted white. Must have at least 1 strap or chain under drive shaft.

Battery

1. One automotive type battery.
2. Securely fastened down and covered inside battery box.

Wheels and Tires

1. Must use 1" lug nuts
2. Can use any rim/racing wheels are legal. No bead locks
3. Four ply radial passenger car tires and racing tires are legal. No larger than G60. Maximum of 8" wheel
4. No mud tires
5. Protection around valve stem allowed

Radiator

1. Radiator in stock location

Engine

1. GM-GM, Ford-Ford, Mopar-Mopar
2. **Stock means stock.**
3. Cast iron factory heads. No aluminum heads, no aftermarket heads
4. Flat top or dish pistons only.
5. No roller rockers or roller tip rockers. No roller cams
6. Cast iron factory intakes. No aluminum intakes
7. Direct bolt on carburetor, no adapter plates, may run 4 barrel carburetor. Must be GM-GM, Ford-Ford, Mopar-Mopar, O.E.M. fuel injected engines allowed. Electric fuel pumps must have roll over or crash shut off.
8. Cast iron exhaust manifolds with exhaust under car.
9. Engines need to be in stock location
10. Stock ignitions

11. Engine must be able to carry 15 inches of vacuum at 1,000 RPM's
12. Factory steel pulleys only

Remember: Build the car for driver safety.