Hamilton County Speedway

Webster City, Iowa 50595

HORNET RULES

BODY & FRAME

Any 4-cylinder car, excluding Hondas, with a maximum wheelbase of 108" FWD or 104" RWD and a complete OEM stock body and frame. Frame must match body (i.e. Ford to Ford, GM to GM) No mid or rear engine cars allowed.

- The motor must be in stock location. Frames must not be altered for motor placement. All bodies must be OEM steel and strictly stock. NO altering or channeling of body allowed. No spoilers, wings, air scoops etc. that alters the stock appearance allowed.

- Full floorboards must remain intact and visible with a metal firewall separating driver from fuel tank and trunk area. Firewall between motor and driver must be original with no alterations allowed. All holes must be covered.

- Stock dash (optional) must be in original position and cannot be covered. All plastic, upholstery, rear seat, lights, mirrors, chrome and all flammable material must be removed. No mirrors allowed.

- All glass must be removed. Car must have windshield screen and 3 upright windshield bars.

- All doors must be welded or bolted shut with approved fastener. Sunroofs and T-tops must be enclosed

- Fenders, doors and hoods required.

- Wheel wells must remain in stock position. NO cutting out of trunks or interior sheet metal. Only cutting allowed will be for placement of roll cage, no excessive gutting, fenders may be reasonably trimmed for tire clearance only. NO sharp edges.

- All hoods and trunks must remain stock and must be securely fastened. Hoods may be gutted, and back of hood must be sealed off from driver compartment.

- All cars required to have an aluminum racing seat fastened to roll cage, and NOT bolted to floor.

- One 12volt battery can remain under hood or may be moved behind the driver and securely fastened into a marine type case.

- No additional weights or ballast allowed. This includes excess dirt.

- Stock bumpers must be in stock position. All bumpers must be capped to fenders. Hydraulic bumpers must be welded or chained with 3/16" chain and 3/8' bolts. No reinforcement of bumpers allowed.

- Frames and car body must be completely stock. No aftermarket parts. All sharp edges, torn fenders and body panels must be repaired by the next racing

event.

- All windows must remain open.

- No attachment nose pieces. Must be metals and screen (no plastic) mounted at right angle to ground behind and above bumper. Must be stock appearance.

NUMBERS
Car numbers must be clearly marked 18" height with 3" width. Car number must be on both doors and the roof, plus front and back, painted in contrasting color. No reflective numbers. Car must be painted.

SAFETY
All drivers must have Snell SA90 or newer approved type-racing helmet, gloves, and SF1 approved full fire suit. Racing shoes are recommended. All cars must have an approved five-point safety seat belt and shoulder harness equipped with a quick release buckle. Belts must be fastened to the cage with Grade 5 bolts. All cars must run a drivers door window net. Window net must be fastened to roll cage and be quick release from inside and out. Arm restraints allowed only in conjunction with a window net.

BRACING & ROLL CAGE
A full perimeter 4 post roll cage with "X" brace in rear hoop must be used. A horizontal bar, in the area of the dash, must extend between the 2 front down bars. Roll bar padding required in the driver compartment. Fire retardant padding recommended. Three door bars on each side must be used. 18 gauge driver door plate required from rear of seat to 5" in front of seat. Must have a least one cross bar in top halo of roll cage. Minimum .095 tubing at least 1.666 inches outside diameter for cages and door bars. No square tubing or galvanized pipe allowed. No squared off corners. Roll cage must be securely welded to frame. No bars can extend through firewall. Roll cages will be inspected.

SUSPENSION
Must be original type suspension, NO reinforcing is allowed. No after market suspension parts allowed. NO add-on quick steer boxes. NO racing shocks, springs, etc. Brakes on all four wheels must work. NO brake shut off devices, No after market brake pedal assemblies allowed. Master cylinder must be in stock position, No balance bars, OEM brakes only. No anti-lock brakes. No spacers, lumber or chains allowed. One shock, OEM only, per wheel, in original mounts. NO air shocks, no truck shocks. All front wheel drive cars, rear wheels must track straight ahead, no alignment change to benefit cornering.

TIRES & WHEELS
Stock or DOT passenger tires only. NO Recaps. 6-1/2" max tread width. NO mud, racing or fancy, exotic, trick gumball tires allowed. No siping, Softening, Grooving or conditioning. Oversized steel lugs mandatory on right side (1" lug nuts). Steel or aluminum wheels allowed. 7-inch max width. Tires must match from side to side.

TRANSMISSION & REAR END
Stock OEM transmission only, as per specs for car. NO aftermarket parts. All forward and reverse gears must work and be operational. Car must move forward, then backward on demand. Original drive train only. NO limited-slip,

posi-traction or welded differential. NO traction control devices.

ELECTRONIC TRANSMITTING DEVISES
No transmitting or listening devices. NO digital gauges, timing retard controls or oxygen sensors allowed. One 12- bolt non-adjustable ignition box and coil allowed must be mounted out of drivers reach. NO adjustable ignition control boxes. NO electronic traction control devices.

FUEL CELL-FUEL & CARBURETOR
Stock carburetor-fuel injection system for that make and model. No alterations allowed. Stock air cleaner box required. Pump gas only. NO nitrous oxide, alcohol or performance enhancing additives. Cars will be checked on random basis.
IF stock gas tank is ahead of rear axle, it may remain in place. If stock gas tank is behind rear axle it must be replaced with a fuel cell or boat tank (maximum of 12 gallons). Fuel cell-boat tank must be secured and located in trunk. Firewall between driver and fuel tank. Stock fuel pumps only.

MOTOR
Only cam in block or single overhead cam engines allowed. No Dual overhead or twin cam cars allowed. No Turbo cars.
The motor must be strictly stock for make and make of car and be in original mounts. For example Fort-to-Ford, Dodge-to-Dodge regardless of what it was manufactured with. No limit on cubic inches. NO changes whatsoever. NO aftermarket parts and no performance enhancing parts whatsoever. No porting or polishing or alterations of any kind to motor. NO headers. Must be original exhaust manifolds. Exhaust must extend past driver. NO mufflers of any kind.

Rules are subject to change at any time