



South Bend Motor Speedway

25698 State Road 2

South Bend, IN 46619

## **2018 South Bend Motor Speedway Hornet Rules**

**IF YOUR NOT LEGAL THE FIRST NIGHT YOU DON'T RACE**

### Safety Rules

Minimum of a neck brace is required in all classes at any time you are on the track

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Note: Any car to run under 15.000 will be parked with no points and no pay for their first occurrence. The second occurrence going under 15.000 you will be moved up to the FWD class the remainder of the season

### Car

- A. Any 4 or 6 cylinder FWD. Max 3.4L engine. No super charged or turbo charged motors. No "all wheel drive" or "four wheel drive" (6 cylinders must be automatic)
  - B. Stock OEM engine unaltered. No V-Tech engines.
  - C. No headers, exhaust must exit behind the rear tires. Stock OEM air cleaner & lines. Stock diameters on exhaust.
  - D. All airbags must be deactivated.
  - E. Stock transmissions and all gears must work. No welded gears!
  - F. Stock pump gas only, absolutely no racing fuel.
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### Body

- A. Sun roof openings must be enclosed with steel or aluminum
- B. All glass except windshield must be removed. No mirrors of any type allowed.
- C. Doors must be welded shut. Any chains need to be replaced with welds.
- D. Body must remain stock and in stock location. No slab style body.
- E. Hood must be secured with hood pins only
- F. All insulation under the hood must be removed.

- G. Stock ride height must be maintained. Car must be level and at a stock stance after the car is stripped. Do not change the ride height.
- H. We will allow one down bar on each side of the roll cage to the rear. No X or middle bar.

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### Suspension

- A. Steering and suspension must remain stock. No modifications
- B. 1" of camber is allowed in right front only. All other tires must be at ZERO.
- C. No weight of any kind may be added.
- D. Maximum 1" toe in or out in front only, no rear toe. No lead in the rear end
- E. Must have stock unaltered springs for that year and make of car. No spacers, no cutting, stretching, or heating of the springs. Car must bounce freely up and down. **MUST REMOVE STRUT COVERS**

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### Tires

- A. DOT tires of 60,65,70,75,78
- B. Maximum rim diameter 16". All rims must be the same size
- C. No racing or directional high performance tires are allowed.
- D. No shaving or buffing of tires
- E. Must have the same size tires on front and same size on rear
- F. No made for racing rims. Stock style rims only, no offsets. Right front safety wheel ok Non offset only

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### Required Safety Items:

- A. **Full face style helmets are mandatory.** DOT standard, Snell approved. No motorcross helmets.
- B. **Full fire suit and gloves are mandatory.**
- C. **Racing seats are mandatory.** No fiberglass seats! Your racing seat must be fastened to the horizontal bar that ties the roll bar together behind your head. The seat must also be bolted to the cage, if possible, floor or to the factory seat mounting track. A properly mounted seat will have at least 4 – ½" grade 8 bolts holding it in place. (two bolts behind your neck and two bolts below your butt)
- D. **4 point racing harness is mandatory.** 5 point high recommended. (Belts do not have to be date checked, however, regular seat belt inspections will take place)
- E. **Fire extinguishers are mandatory.** Min. 2 lb rated mounted within reach of the driver.
- F. **Roll bar over driver's head is mandatory.** Cages or bars shall be installed and constructed so the roll bar is higher than drivers and passengers head. Cage or bar must be bolted or welded to the floor pan, a 12" x 12" (approx..) steel plate should be used at hoop mounting points, gussets at main intersections recommended. (4 bolts per plate, grade 8)
- G. **Driver's side door bars are mandatory.** Minimum of 3. Door bars must be welded into front and rear pillar when 4 post style cage is not used.

- H. 4 post roll cages OK and recommended.
  - I. No bars shall extend in front of the front 2 cage posts. No bars shall extend rearward behind the roll bar, unless it is used to support the seat mount hoop.
  - J. **Window net is mandatory.** Must be welded or bolted to door or framing. NO TIE WRAPS!
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#### Miscellaneous

The interpretation of these rules is at the discretion of the track officials, their decisions are final. Any major infraction of these rules will be assessed as a forfeiture of points and money for the night. Safety rules will be strictly enforced. Do not change things on cars in this class other than directed above! You should assume cars will be raced as delivered from factory with the few changes listed above. Stock!

Be prepared to be checked for antifreeze every week before practice. If caught during or after a race with antifreeze coming out of your car you will be fined, disqualified and suspended.