

EAGLE VALLEY SPEEDWAY - JIM FALLS, WI - 2017 HORNET RULES

General:

1. All cars are subject to an inspection at any time. It is the responsibility of the driver to prepare their car free of defects and to have it in a safe racing condition.

Competitor Obligation:

1. Every driver must inspect the racing surface and the race track area to learn of any defects, obstructions, or anything in the drivers opinion is unsafe, and the driver shall report that condition in writing to the track officials. Any driver entering any racing event is considered to have inspected the track and determined that all conditions are satisfactory. If the driver does not feel that the conditions are satisfactory, then the driver should not race. The driver further acknowledges that auto racing involves risks, and that by competing in an event the driver assumes the risks with full awareness and knowledge.

If the previous weeks Hornet feature winner should start the next weeks feature at the very last starting position and wins the race - \$ 100.00 will be awarded.

Sponsored by: Junkers Sanitation.

Eligible Models:

1. Any 3 or 4 cylinder United States domestic market (USDM) car, maximum wheelbase of 104”.
2. Front wheel or rear wheel drive only. No 4 wheel drive or all wheel drive allowed.
3. All cars must have an open differential. No posi or limited slip.

Interior:

1. Steering and pedals must remain stock. Dash can be removed and replaced with tubing welded to roll cage to support dash area to accommodate gauges.
2. **Race seats are mandatory with a 5 point harness.**
3. All airbags must be removed.
4. Interior floor pan must be complete. No holes in pan allowed.

Engine Compartment:

1. The engine must remain completely stock for make/model/year. USDM only.
2. Stock transmission.
3. **Headers allowed.** Exhaust piping must be leak free and run from engine to an area behind the driver, maximum 2 ½” ID piping. **NO TURBOS.**
4. **Relocating battery is allowed.**
5. All insulation under the hood must be removed.

Body:

1. Sunroof openings must be closed.
2. Remove all glass. Broken glass must be cleaned from the inside of the car before arriving at the speedway.
3. A screen must be installed, to replace windshield. See tech for any Lexan windshields.
4. All doors must be chained to frame or welded shut.
5. Bumpers must be chained to frame. Bumpers can be stock or replaced with a single tube with a hoop to protect radiator. 1 ½ inch .095 diameter tubing only. NO heavily reinforced or cow-catcher front or rear bumpers will be allowed.
6. Hood and trunk must be secured with hood pins only. All factory hood and trunk latches must be removed.
7. Gutting of door panels to allow installation of roll cage is allowed. Doors must maintain stock appearing configuration.
8. All body panels must remain stock. Hoods, trunk lids, front, and rear quarter panels may be skinned for ease of repair.
9. Floorboards, front, and rear firewalls must be complete and intact—no holes allowed.

Suspension:

1. Steering and suspension must remain stock. Ride attitude must be maintained.

Weight of Cars:

1. Cars must weigh a minimum of 2100 pounds. Add weight for the following:
More than 3 valves/cylinder: 100 pounds
DOHC: 100 pounds
2. Ballast may be added to the car. Loose objects will not be allowed in the driver's compartment. Any weight added to the vehicle must be securely mounted using a minimum of two (2) - ½" bolts through the weights. Weights must be painted white and have your car number painted on the weight. If for any reason, a weight falls off - the car will be disqualified from the race. When adding weight to the car, the weight must be added in such a manner as to displace the weight evenly across all axles.
3. Minimum weight must be written on left front fender in 2" high number in such a manner that it is readable by scale operator.
4. Management reserves the right to change any car's minimum weight to equal the field. Winners of 2 or more races may have to add 100-500 pounds at management's discretion.

Cooling System:

1. Any radiator allowed which will fit in the stock mounts. An overflow container must be mounted in engine compartment.

Gas Tank:

1. If gas tank is ahead of the rear axle, it may remain in place. It is recommended that a skid plate be installed to protect tank from bottom. If the gas tank is behind axle it must

be replaced with a fuel cell or marine tank (max. 6.6 gal.) Marine tank must be secured by minimum 1/8" x 1" steel strap with minimum 3/8" hardware. Must be covered in hatchback in a metal case. Fuel cells are highly recommended.

Tires:

1. DOT tire with a maximum cross section or **205** mm and an aspect ratio of 50, 55, 60, 65, 70, or 75 only.
2. Maximum rim diameter 16".
3. **Grinding and siping allowed.**
4. **3" and 4" offset rims are allowed.**

Safety:

1. Helmets are required and must be a minimum of SNELL 2000 SA RATED (SNELL 2005 SA RATED recommended). Helmet must be worn at all times when the car is on the track, and must accompany the vehicle at time of inspection. The helmet must have a face shield or eyewear protection, which must be in place while the car is on the track.
2. Shoulder Harness, Belts, Restraints and Nets. A competition shoulder harness, at least 3" wide, and a lap belt at least 3" wide are required. No OEM factory type shoulder belts or straps will be allowed. Metal to metal buckles are required on the shoulder harness and the lap belt. The harness must be mounted in at least FIVE points below the drivers shoulder sub strap.
 - a. Window nets with a quick release type latch at the top are mandatory.
 - b. Roll bar padding and neck braces are strongly recommended.
3. **ROLL CAGES**
 - A. Main cage must be a minimum of 1.5-inch outside diameter .095-inch mild steel tubing. Driver door bars are mandatory. (Vent bars are also mandatory) Must consist of continuous hoops not less the 1.5 inches outside, and have a wall thickness of .095 inches.
 - B. Must be frame-mounted in at least six (6) places.
 - C. Must consist of a configuration front and rear hoops connected tubing on the sides or side hoops in a manner deemed acceptable by the Tech Inspector. Drivers head must not protrude above the cage with helmet on and strapped in drivers seat. Roll cage must be securely supported and braced.
 - D. Low-carbon, mild steel tubing is mandatory. No iron pipe or square tubing allowed. No brazing or soldering allowed.
 - E. Roll cage must have a 3/16-inch inspection hole in a non-critical area.
 - F. Side door bars must be as parallel with the ground as possible and located perpendicular to the driver, so as to provide maximum protection for the driver, but without causing undue difficulty in getting into or out of the vehicle. The side bar must be welded to the front and rear of the roll cage members. No brazing or soldering allowed, and must be attached to frame in at least four (4) places.
4. Gloves and flame-retardant nature (NOMEX-type) material driving suits are required.

A full race suit is required (Jacket & Pants).

5. Fire extinguisher required. 2lb. BC rated mounted in quick release bracket within reach of driver. Metal bracket only, no plastic brackets allowed.

Kill Switch:

1. A kill switch is required and must be within easy reach of the driver with the shoulder harness and lap belt fully cinched. The kill switch must be clearly marked “on” and “off”.

Mirrors and Radios:

1. NO mirrors of two-way radios of any kind are allowed at any time.

Steering Wheel:

1. Quick disconnect steering wheel is allowed, as long as the steering wheel stays located in the stock position.

Brakes:

1. All cars must have brakes on all four wheels and must be in working order.
2. **No brake shutoff valves allowed.**

Numbers:

1. Minimum 18” high numbers in contrasting color on both doors and roof.
2. 6” number on upper right corner of windscreen.
3. NO Spray painted number.

Eligibility:

1. Experienced drivers are acceptable, but previous race driving experience may disqualify you. Our officials will resolve any questions about your eligibility. The goal of this class is to have fun and race in an inexpensive way.

Management Claim Rule:

1. Management has the right to claim any car at anytime.
2. The Claim amount for a Hornet is \$1000.00. The Claim amount does not include racing seat, seat belts, fuel cell or any safety equipment.
3. If you refuse a legal claim - you will forfeit any points, trophies and prize money for the entire season. Car and driver will be ineligible to compete for the remainder of the season.

