

SECTION 16 – JUNIOR STINGER

NOTE: The intention of this class is to give junior drivers & teams the chance to add to their current resume' while competing against drivers of a similar age group and in an inexpensive type vehicle.

1. Age restriction is 11-16 years old. All drivers must be pre approved by HWY 16 LLC.
2. Any driver may submit a resume to MERIDIAN SPEEDWAY. A resume must have a minimum of 1 season competitive racing experience in an acceptable form of Jr. competition. Example: Outlaw Karts, Miro Sprint, Baby Grand National, Legends, Bandolaros, Dwarf Cars or Outlaw Lawn Mowers or a Jr Stinger Practice regimen.
3. A current minors release / parental consent form must be on file with MERIDIAN SPEEDWAY and is mandatory EACH race season.
4. Parent or guardian must be present at each race event.
5. Minor must be accompanied by an adult at all times while in the pit area. Parent/Guardian is responsible for the actions of their minor child.
6. Any Parent/Guardian or pit crew member observed verbally or physically abusing other drivers will result in a fine and/or loss of points and/or suspension for their driver. NO EXCEPTIONS.
7. NO MINORS RELEASE–NO PIT ENTRY–NO RACE–NO EXCEPTIONS!

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16.1 ELIGIBLE MODELS

- 16.1.1 Cars must remain factory stock-these cars are intended to be *CARS THAT WE RACE, NOT RACECARS*.
- 16.1.2 Any 3 or 4 cylinder car with maximum wheelbase of 106 inches with a complete stock engine, body, frame and suspension for that year, make and model. No modifications, alterations, or additions allowed.
- 16.1.3 No rotary engines. No mid-engine or turbo cars allowed.
- 16.1.4 Stock carburetor/fuel injection system for that year, make and model required.
- 16.1.5 Stock transmission and stock unaltered rear end for that year, make and model required.
- 16.1.6 Third brake light if car was originally equipped must be functional to receive bonus points.
- 16.1.7 Car horn must remain and be in working condition to receive bonus points.
- 16.1.8 Dash must remain intact but may be trimmed for roll bar installation. Steering and pedals may be adjusted to fit driver. Quick release steering wheels are allowed. Tech approval required.
- 16.1.9 Battery may remain in stock location under the hood, may be relocated to drivers compartment if contained in a battery box or with an acceptable battery tiedown and cover.
- 16.1.10 No bracing anywhere except inside the drivers compartment. If rebuilding damaged frame or radiator mounting, must use similar size replacement materials.
- 16.1.11 Exhaust must be leak free and extend behind the driver with a functional muffler in place.
- 16.1.12 Aluminum racing seats are mandatory. Tech approval required on installation. Reinforcement of seats will be subject to tech approval.

16.2 MODIFICATIONS ALLOWED AND/OR REQUIRED

16.2.1 Only Meridian Speedway DOT spec tire allowed Period. Must be purchased from Meridian Speedway and have MS tire stamp or branding to be legal, 13", 14", 15" & 16" will be available, all 4 corners must be exactly the same size. Oversized wheel studs on right front spindle allowed.

16.2.1.1 Wheels will be maximum 8" Steel, only aluminum wheels approved are those of OEM origin.

16.2.1.2 No wheel weights allowed.

16.2.2 Gas Tank:

16.2.2.1 If stock gas tank is forward of rear axle, it may remain in place.

16.2.2.2 If stock gas tank is behind rear axle, it must be replaced or contained in the trunk area as far forward as possible. IT IS HIGHLY RECOMMENDED THAT THIS FUEL CONTAINER BE REPLACED WITH A COMMERCIALY PRODUCED FUEL CELL. All fuel container applications must be tech approved.

16.2.2.3 Two, front to rear straps on top and around bottom of fuel cell or approved container are mandatory.

16.2.2.4 One side to side strap will be required in the same fashion as the front to rear straps.

16.2.2.5 Said straps will be made of a minimum 3/4" metal flat strap.

16.2.3 **Roll Bar:** A single hoop rear roll bar (behind driver) is required. Roll bar must be welded or bolted in place, attached to car. Four (4) points mounting max. Roll bar padding mandatory on all bars within reach of the driver.

Driver door bars are HIGHLY recommended, maximum of 4 evenly spaced on the left side of the 4 point cage.

16.2.4 Roll Bar alternate: 2 upright bars required using 1 3/4" (.095") minimum pipe with steel plates on each end for mounting. Mounted vertical from floorboard to roof with no less than 7/16" bolts and washers. Upright bars are required to have at least one 1 3/4" o.d. (.095) minimum kicker bar from the top of the upright posts down to the floor at an angle, and welded to the upright bars and bolted or welded to the floor at the frame. The upright bars must be connected at the top and welded together by a connecting bar.

16.2.5 **Windshield** may remain if in good condition or may be replaced by lexan or maximum 1" by 1" screen. All other glass, and under hood insulation must be removed. One interior mirror is allowed.

16.2.6 **All doors** must be welded, bolted or chained shut. A driver's door plate is required of no less than 3" wide x 1/4" thick steel flat strap extending past the front and rear door seams in the middle of the door skin. The purpose of the strap is to not only keep the door closed but to provide some impact resistance. It is recommended that more than one of these straps be installed. All straps must be installed flat.

16.2.7 Cars Appearance, All cars will be neat appearing and damaged body panels must be replaced or repaired.

16.2.8 **Car numbers** must be at least 18 inches tall and in contrasting color on the driver and front passenger doors and a car number on the roof. No duplicate numbers allowed.

16.2.9 Hood must be secured with hood pins only (if hood opens from the front) with factory hinges remaining.

16.2.10 Intake tube and air cleaner type are optional After market Cold Air Intakes are allowed.

16.2.11 Front Bumper & Radiator Protection

14.2.2.1 Front bumper area may be rebuilt to stock specifications with materials of stock type or equivalent. Any rebuilt front bumper area or core support shall be approved by Hornet Tech official. Radiator protection is allowed using 2 upright bars and one cross bar attached to either the frame horns or front bumper, also subject to tech approval.

16.3 PERSONAL PROTECTION

16.3.1 Approved helmet, Snell 2010 or SA-2010 minimum requirement. M-rated helmets are not approved.

16.3.2 5 point racing seat belts required. **(3 yr date stamp required)** Tech approval.

16.3.3 Long sleeve fire retardant jacket required, full length Nomex racing suit highly recommended. long pants and full leather shoe or boot required. No nylon clothing allowed PERIOD. Racing suit, gloves and neck brace highly recommended.

16.3.4 Fire extinguisher with gauge must be securely mounted within easy reach of driver required.

16.3.5 Driver's side window net is required. Must be equipped with quick release for driver exit and entry on driver side.

16.3.6 All cars are subject to a minimum specification inspection at any time. It is the responsibility of the driver to prepare their car free of defects and in safe racing condition.

16.4 RADIOS

16.4.1 One-way radios are mandatory, receive only.

16.4.2 Drivers must be able to hear Race Control

16.4.3 Two-way communications are not permitted.