

BETHEL MOTOR SPEEDWAY

COUNTY ROUTE 141 – WHITE LAKE, NY

MODIFIED 4 CYLINDER RULES – 2023

(Last Updated 7/10/23)

1. **SAFETY EQUIPMENT:** While cost is a major factor in the rules and specifications for this division, the speedway vigorously recommends all participants to utilize all available safety gear. The following items are the minimum required and of course participants are encouraged to use additional safety equipment available to them.

2. **REQUIRED SAFETY EQUIPMENT:**

- 2.1. Snell SA 2015 or newer crash helmet (securely strapped on at all times). "M" prefix Snell rating helmets are NOT allowed.

- 2.2. SFI or FIA approved full long sleeve firesuit in good condition. Suits with holes will NOT be permitted. In the event of a fire, Track Officials reserve the right to disallow future use of the firesuit worn at the time of the fire.

- 2.3. 5 point racing style seat belt and shoulder harness worn tight and secure at all times. Lap and shoulder belts must be 3" wide, except that 2" shoulder belts are allowed ONLY with Hans type head and neck restraint.

Seat belts will be inspected by Track Officials, and must be dated within five years (i.e., in order to be legal for the 2023 season, the date stamped on the belts can be no older than 2018). Seat belts without a legible date stamp on them will NOT be allowed.

- 2.4. Driver's side window net.

- 2.5 Neck Collar or HANS type head and neck restraint mandatory; HANS type device is HIGHLY recommended. As per manufacturers' specifications, recertification of HANS type head and neck restraint systems every five years is mandatory; date of manufacture or recertification can be no older than 2018.

- 2.6. SFI or FIA approved racing gloves and shoes.

- 2.7. Aluminum Racing Seat.

HIGHLY RECOMMENDED SAFETY EQUIPMENT: Fire retardant underwear, helmet sock, and factory-manufactured head and neck restraint system such as a HANS device.

3. **ROLL CAGE:** Minimum 4 point roll cage mandatory.

- 3.1 The roll cage must be mounted to structural areas of the uni-body, and not to flimsy floorboard areas. A main hoop shall be installed just behind the driver extending from rocker panel to inside of the roof panel. The roll cage must be the full width of the car. A mandatory bar shall be installed at shoulder height, full width behind the driver's seat. This bar will serve to locate the shoulder straps of the seat belt and will support the back of the driver's seat. A crossbar at the front in the dashboard area is recommended. The main hoop of the roll cage must be connected to the front uprights of the roll cage with a bar at least 2" above the driver's head (with helmet on) on each side of the roof area. Additionally, there must be 2 horizontal supports in the driver's side door. Minimum 3 driver's horizontal door bars, and two passenger side horizontal door bars. All roll cage bars which the driver's head could contact must be padded with racing style padding

4. **ELIGIBLE CARS:**

4.1 The 4 cylinder division is open to any 4 cylinder, front wheel drive passenger car.

4.2 Excluded are convertibles, four wheel drives, rear wheel drives, mid-engine, and special production sports cars.

4.3 All cars are subject to approval by speedway management.

4.4 Any car deemed to be outside the intentions of the division will be disallowed at the discretion of the speedway management. If you have any question as to the eligibility of your car, please ask management to approve it before you waste valuable time and materials constructing a car which may be disallowed. Any car deemed not structurally sound (i.e. excessive rust of the frame or unibody, etc.) will be ineligible to compete. The decision of Track Officials and speedway management will be FINAL.

5. **ENGINE:** Must have 4 cylinder engine

6. **EXHAUST:** Must have muffler, and exit out the side of the vehicle. Not out the back, or down at track surface.

Clarification: All four cylinder cars MUST have an OEM type muffler (no glass packs). No straight through type mufflers allowed. The inlet and outlets must be offset from one another. (If you can see through it to the other side it is not allowed) All mufflers are subject to approval by Speedway officials and their decision is final.

7. **BODY:**

7.1 No intentional sharp or jagged edges on body. Need to start feature with hood and both fenders.

7.2 Must have fuel shut off switch

7.3 Fuel lines must be safe and free of defects. Braided or steel lines recommended.

7.4 Safe secure weight ballast if using

7.5 Battery must be securely mounted.

7.6 If a car was originally produced from the manufacturer with bumper covers, bumper covers are mandatory for that car.

7.7 TAKE PRIDE IN YOUR CAR'S APPEARANCE! Any car that is deemed to be in cosmetically poor condition, upon arrival to the speedway, will not be allowed to compete. Tech Official's decision is FINAL.

8. **FUEL:** No Nitrous or alcohol for fuel.

9. **TIRES:** Any DOT Tires. No racing tires.

10. **SCANNERS**

Scanners are required, and to be mounted behind and out of reach of driver. No other form of one- or two-way communication permitted. Scanners must be in working order at all times. CHECK your batteries! Any car found to be without a working scanner may be black flagged and disqualified from the event at the discretion of speedway management.

TAKE PRIDE in the cars you build. We want to make this track a place that we all can be proud of. Make your team as professional as possible.