

Brockville/ Cornwall Speedway

2023 Mini Stock Rules

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1. Mandatory Personal Safety Equipment

1.1 General

To ensure we meet all the expectations there will be **“No Grace Period”** for the mandatory safety equipment and will be strictly enforced starting at the practice sessions prior to opening night.

1.2 5-point safety belts must be SFI 16.5 or SFI 16.1 and a **Maximum 2 years** from the date of manufacture or expiration date on new belts

1.3 Helmets with minimum Snell SFI 31.1 2015 or 2020 label

1.4 The head and neck restraint must be SFI 38.1 approved and display a legible and valid SFI 38.1 label

1.5 Fire Suit with minimum SFI 3.2A/5 and display valid SFI 3.2A/5 label

1.6 Fire resistant shoes required to meet minimum SFI 3.3 specifications and display SFI 3.3 label

1.7 Driver gloves SFI 3.3

1.8 2023 Mandatory Safety Equipment

A) All cars must be equipped with a minimum 2lb dry chemical fire extinguisher mounted in the driver’s compartment and readily accessible to Safety Crew.

B) The head and neck restraint must be SFI 38.1 approved and display a legible and valid SFI 38.1 label

C) Helmets with minimum Snell SFI 31.1 2015 or 2020 label

2. Mandatory Transponder

2.1 General Transponders are mandatory. Each car must have its own transponder and be register to that driver. Transponders must be working every time entering the track. Driver will be notified over the one-way if the transponder is not working. It is very important to ensure your transponder is working properly weekly to avoid any scoring issues. There will be a minimal grace period to repeat offenders with transponder problems. It will come to the point really quick, if the transponder issue is not addressed by repeat offenders you will not be scored and will affect you at the pay window, it’s that simple.

2.2 Mounting Mount 18 inches forward from the center line of the front wheel on the left (drivers) side and inside of the frame

3. Mandatory One-way Receiver

One-way receivers will continue to be mandatory as the receivers is a safety tool for everyone. If you do not have a one-way receiver you will not be allowed to enter the track. If you’re in the staging lane or in your pit with your one-way on and you don’t hear any communication, pretty good chance you

have a problem. Ensure you have fresh batteries prior to the start of each night. Ear buds used with the one-way receiver can play a key role in how the communication is received. With all the in-car noises be selective in the style of ear buds used, as the **one-way system is a mandatory safety tool for everyone**

4. General Safety

4.1 Full 6 point steel tubing (NO black iron pipe) roll cage 1 ½" O.D x .0125" wall thickness, or 1 ¾ " O.D. x .090 wall thickness minimum. Highly recommended for 2019 and becoming MANDATORY in 2020 Drivers door may be skinned to add 3 door bars bowed out and connected by at least 2 rows of vertical bars.

4.2 Full racing seat containment unit or containment add on kit. Racing seats must be securely fastened to the frame with a minimum of (6) 3/8 " bolts (4) on the bottom and (2) on the back, padded head rests are mandatory. Driver must have at least 4" top clearance between helmet and roof. Roll bar padding must be used on all tubing that is within 18" of the driver.

4.3 Each car must have a reinforcement right front wheel and nuts with tube.

4.4 Each car must have a tow hook front and back, mounted on bumper and must be visible to safety staff.

4.5 All glass must be removed, including windshield, all lights, reflectors, ornaments etc.... must be removed. Headlight and tail light holes must be covered with sheet metal.

4.6 Windshield space must have mesh screen (min. 1" heavy gauge, no chicken wire) totally covering it. Opening may NOT be reduced by more than 4 inches from top remainder must be stock. Drivers window must have an approved window net on driver's side.

4.7 No mirrors or radios allowed.

4.8 Carpet, seats and interior trim must be removed. Cars must have solid floors and body panels. No skinning of any panels.

4.9 Uni-body cars must have front and rear connected with a 2" x 2" tubing. 21.

4.10 Cars must have four-wheel brakes in good working order.

4.11 Cars must have a safety drive shaft hoop installed at the front of the drive shaft if using a rear wheel drive. Drive shaft must be painted white.

4.12 Fuel Cell **MANDATORY** must be completely sealed off from driver's compartment with a fire wall. Fuel line can pass through driver's compartment when well covered. Must have a fuel shut off valve within drivers reach. Not covered, labeled, on/off in bright color. The fuel cap/filler hole must be located on top of the fuel cell. No quick fill systems allowed. Fuel cells must be equipped with a secure fuel cap and fully function rollover valve protection including the vent tube.

4.13 Window nets are mandatory on the driver's side and must be fastened by a minimum of one (1) quick release rod.

5. General Mini Stock Rules

5.1 Open to all compact cars minimum 10 years old, no more than 105" wheelbase. No pickups, convertibles or 4-wheel drive vehicles. No Tube Chassis

5.2 Weight: 2450 lbs- 4 cylinders (including driver) Weight: 2600 lbs- VTEC, 5, 6 cylinders (including driver)

5.3 Car number must be 18" high on both sides and roof. Must be professionally done.

5.4 Appearance: car must be properly painted, neatly lettered and washed. For your fans on race night.

5.5 All cars must have a complete body including full hood, doors (welded shut), fenders, trunk lid and full floor. No skinning of any panels with the exception of the driver's door for installation of safety tubing. Wheel opening may be cut for clearance 2" Maximum. Car must remain stock in appearance.

5.6 Outside rub bars permitted, flush to body panels with no sharp edges or ends. 1 ½ maximum size.

5.7 Front and rear bumpers must be stock. No outside reinforcing on the front or the back.

5.8 Any stock steel manufactured wheel permitted. No aluminum allowed, 9" maximum width, BART race wheels permitted.

5.9 Tires must be stock street D.O.T. no more than 9" max width tire allowed, no snow tires or racing tire's, no grooving or sipping allowed

5.10 Stock suspension and springs must be retained.

5.11 Radiators must be in original position.

5.12 Fuel must be pump gas only. No racing fuel or aviation gas, no additives.

5.13 Stock automatic or manual transmissions only.

5.14 Posi-trac, limited slip and lock-up rear ends allowed.

5.15 Camber only ¼ right side only + or - ¼

5.16 ECU CHIPS Allowed (Cornwall only)

5.17 Coil Over Allowed (Cornwall only)

6. Engine Rules

6.1 Engines must be 4, 5, 6, cylinder maximum 3,000 cc. No turbo or super chargers.

6.2 Engine must remain stock in every respect, including flywheel. Headers are permitted but not mandatory. All engine parts must match car motor specs

6.3 Ignition system must remain stock in every respect.

6.4 Exhaust manifolds must be stock, headers are permitted but not mandatory. Tube manifolds allowed but must be factory installed. Exhaust pipe required; 4 foot minimum.

6.5 Engines must match chassis manufacturer and fit into chassis with no modifications to chassis or engine mounts

6.6 Engine size must be painted or decaled on hood (driver side) and legible at tech (4 cyl-4R, 4 cyl Honda V-tech – 4V, 6 cyl -6

Weight Equalizer Rule for 2020: In order to equalize the field, any driver winning two (2) feature events will be required to add 50lbs to the total weight of their car. For any additional wins, 50lbs additional will be added until a maximum of 200lbs (includes original 50lbs) has been added. **NOTE: additional weight must be properly installed and secured in floor of trunk (bolted) and inspected at tech. Weight and updates must be newly painted or decaled on the hood and legible at tech.**

7. 2023 General Track Rules and Procedures

7.1 MANDATORY REGISTRATION

All Drivers MUST register in order to race. Register at arrival to the track

7.2 COMPETITORS PITS

You or your crew may not enter a competitor's pit to complain or confront him or her. This offense will, result in a fine, race day points and possible suspension as the officials see fit.

7.3 ALCOHOL AND DRUG POLICY

Drinking alcohol or taking any illicit drugs including marijuana in the pits is not permitted during any race event or practice. The driver is personally responsible for anyone associated with their car. If you or anyone associated with your car is found to have been drinking alcohol or taking any illicit drugs including marijuana you and your team will be escorted off of the premises including suspension as Officials see fit. The suspension will include car, driver and crew.

7.4 MANDATORY DRIVERS MEETING

A mandatory drivers meeting takes place at each race event. Check weekly schedule for time.

7.5 EXITING CAR ON TRACK

The driver shall not exit his or her car on the racing surface or unless there is a fire or injury or an official permit it. Failure to follow this rule can result in a fine and or suspension.

7.6 EXITING THE TRACK

Brockville: Must be in turn 1 ONLY Failure to do so puts people in harms way and could result in a fine.

Cornwall: Must be in turn 3 ONLY Failure to do so puts people in harms way and could result in a fine

7.7 HOW QUALIFICATION WORKS

The number that qualify per heat will be on the white board with the heat line ups weekly.

7.8 SCALES

You will be told on the 1-way radio how many cars scale after each race.

7.9 POINTS

Points for Features are awarded as per the 60-point system in the DIRT rule book in heats the BOS awards 5 points for 1st, 3 for second and 1 for third. Cornwall heats points are awarded as follows; 1st 5pts, 2nd 4pts, 3rd 3pts, 4th 2pts, 5th 1pt

7.10 SPEEDING IN PITS

Speeding in the Pits will not be tolerated and will result in a fine and or suspension as Officials see fit.

7. 11 CLAIMER / PROTEST RULES

7.11 (A)

\$2,500 claimer on complete motor, which must be pulled at the track. \$5,500 claimer for the race car with motor.

7.11 (B)

To claim a car or motor, the claimer must have competed in the race against the car he/she is claiming and must present the claim in writing 10 minutes before the feature with cash in hand. The officials reserve the right to accept or deny any protest on their sole discretion. "Grudge Protests" and/or any protest that is "not in good standing" will be denied.

7.11 (C) \$1000 for any other protest. The protester must have competed in the race against the car he/she is protesting and must present the claim in writing 10 minutes before the feature with cash in hand. The officials reserve the right to accept or deny any protest on their sole discretion. "Grudge Protests" and/or any protest that is "not in good standing" will be denied

The above rules have been put into place to give all drivers the options to race at both Brockville and Cornwall Speedway under the same rules.

During the 2023 season there may be some adjustments to these rules to ensure moving into the 2024 season rules have created equal competition for all competitors and will be strictly enforced.

All rules posted below supersede any other rules posted by Brockville and Cornwall Speedway.