

# **Brockville Ontario Speedway**

## **2019 Mini Stock Rules**

### **INDEX**

#### **1. Mandatory Personal Safety Equipment**

##### **1.1 General**

##### **1.2 Seat Belts**

##### **1.4 Neck Brace**

##### **1.5 Fire Suits**

##### **1.6 Shoes**

##### **1.7 Gloves**

##### **1.8 Future Mandatory Safety Equipment 2020 and 2021**

#### **2. Mandatory Transponder**

##### **2.1 General**

##### **2.2 Mounting**

#### **3. Mandatory One-way Receiver**

#### **4. General Safety**

##### **4.1 Roll Cage**

##### **4.2 Seat**

##### **4.3 Right Front Wheel**

##### **4.4 Tow Hooks**

##### **4.5 Glass**

##### **4.6 Windshield**

##### **4.7 Mirrors**

##### **4.8 Interior**

**4.9 Uni-body**

**4.10 Brakes**

**4.11 Drive shaft**

**4.13 Window Net**

**5. General Mini Stock Rules**

**5.1 Eligibility**

**5.2 Weight**

**5.3 Car Number**

**5.4 Appearance**

**5.5 Body**

**5.6 Rub Bars**

**5.7 Bumpers**

**5.9 Tires**

**5.10 Suspension**

**5.11 Radiator**

**5.12 Fuel**

**5.13 Transmission**

**5.14 Rear ends**

**6. Engine Rules**

**6.1 Size**

**6.2 Modifications**

**6.3 Ignition**

## **7 .2019 General Track Rules and Procedures**

**7.1 MANDATORY.REGISTRATION**

**7.2 COMPEDITORS PITS**

**7.3 .ALCOHOL AND DRUG POLICY**

**7.4.MANDATORY DRIVERS MEETING**

**7.5.EXITING CAR ON TRACK**

**7.6. EXITING THE TRACK**

**7.7.HOW QUALIFICATION WORKS**

**7.8.SCALES**

**7.9.POINTS**

**7.10. SPEEDING IN PITS**

**7.11 Claimer Rules**

# 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 2010 or 2015 label

**1.4** Mandatory neck brace (2021 Hans Device)

**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 A) 2020** Full racing seat containment unit or containment add on kit

B) **2020** SFI 3.3 rated long underwear

C) **2021** Hans Device

## 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** 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 drivers compartment with a fire wall. Fuel line can pass through drivers 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 1969 thru 2002 no more than 105" wheelbase. No pickups, convertibles or 4-wheel drive vehicles.

**5.2** Weight: 2,000 lbs- 4 cylinders (including driver) Weight: 2,600 lbs- 5,6 cylinders (including driver) Factory tube exhaust manifolds must add 200 lbs to the above weights.

**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. . 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, 8" maximum width, Burt race wheel allowed
- 5.9** Tires must be stock street D.O.T. no more than 8" tire allowed, no snow tires or racing tire's, no grooving.
- 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.

## **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.
- 6.3** Ignition system must remain stock in every respect.
- 6.4** Exhaust manifolds must be stock (no aftermarket headers) Tube manifolds allowed but must be factory installed (see weight section 5.2) Exhaust pipe required, 4 foot minimum.

## **7 . 2019 General Track Rules and Procedures**

### **7.1 MANDATORY REGISTRATION**

All Drivers MUST register in order to race. Registration table is located in front of the pit canteen.

### **7.2 COMPEDITORS 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 permits it. Failure to follow this rule can result in a fine and or suspension.

### **7.6 EXITING THE TRACK**

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

### **7.7 HOW QUALIFICATION WORKS**

Heat races determine if you qualify for the feature. If there are 8 cars in a heat then 6 qualify, 7 cars the 5 qualify, 6 cars then 4 qualify etc. 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 1<sup>st</sup>, 3 for second and 1 for third.

### **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 RULES**

**7.1 1(A)** \$1,000 claimer on complete motor. \$1,500 claimer for the race car less engine.

**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.