



# Ontario Outlaw Super Late Model Series

## 2020 Rules

### Driver/Cockpit Devices

- 1.) No Traction Control – No operator controlled, radio controlled, computer controlled or automatic traction control devices or ignition re-tarder devices.
- 2.) NO cockpit Panhard bar, sway bar or shock adjustment devices.
- 3.) ONE wedge-adjusting device on one wheel only permitted.
- 4.) Brake bias adjustment device is permitted.

### Outlaw Body Specifications

- 1.) Manufactured nose i.e. Howe, Five Star, ARP or Dominator
- 2.) Front spoiler and body clearance must be a minimum of 3" off the ground.
- 3.) The body must have a minimum height of 45", measured at a point 10" back from the front windshield.
- 4.) Roof must measure 38"L x 45"W; width is measured at a point 10" back from the front windshield. Roof may taper to no less than 39" at rear window.
- 5.) All cars must have full front windshield and rear window.
- 6.) Windshield must be minimum of 1/8 (.125) thick Lexan. One center windshield strap mandatory on front windshield.
- 7.) If side windows are used, a minimum of 22" clear opening side window cannot be enclosed. Approved window net is mandatory.
- 8.) Rear bumper specifications are as follows: Rear bumper must be 72" wide and 14" maximum height.
- 9.) Rear panel must be 14"H x 72"W of material. Panel placement must be vertical. Tech director will determine if angle is too severe.
- 10.) Rear overhang maximum 46" from centre of rear axle.
- 11.) Body 82" maximum width as measured over front wheels, taper to 76" at rear axle, 72" at rear bumper, with maximum width of 86" at nose tips.
- 12.) Two 1" fins on roof or one 2" fin allowed, extending across rear window to deck lid. Min. roof width 45"
- 13.) A 2" high side fin is allowed on **left** or right side from the right front tire to the rear of the car along the top body line.

### Spoiler Specification

- 1.) Spoiler maximum 9"H x 72"W, measurement to be taken from deck lid.
- 2.) 1" rear facing lip maximum permitted.
- 3.) Spoiler to be supported by a **minimum** of 3 supports, made of rounded material (no Lexan). No side pods.

- 4.) 44" top to ground maximum.
- 5.) Lexan or other clear material only.

### Chassis

- 1.) All chassis must have side rails outside the driver's seat. Roll cage must be welded to these rails. Frame rails must measure 10" in perimeter (2 X 3 or 2.5 X 2.5 tube allowed). Minimum wall thickness .090. Front and rear clips may be .060 materials.
- 2.) Roll cage must be constructed of no less than 1 3/4" outside diameter steel tubing with a minimum wall thickness of .090. No aluminum, exhaust tubing or other soft metals allowed.  
The complete roll cage must be electrically welded. Welds may not be ground smooth. All joints require a gusset with minimum of 1/8 (.125) thickness or plate in the driver's door. No angle or square tubing allowed. The front and rear roll bars must be connected at the top and bottom on both sides at the seat height. A minimum of four (4) horizontal bars on the left side with two (2) vertical bars between each horizontal bar. The outer roll cage uprights, minimum of four (4) must be welded to the frame rails.
- 3.) Four wheel hydraulic brakes must be in good working order at all times.
- 4.) Two (2) hoops must be installed on the driveshaft (1 at each end). Hoops must be steel and 1/4" x 2" wide with the hoops completely encircling the driveshaft.
- 5.) All ballast weights must be painted white with car number on it.
- 6.) Minimum wheelbase is 102".

### Engine Rules

- 1.) Any North American V-8 engine.
- 2.) Maximum cubic inch displacement of 390 C.I.
- 3.) Maximum 850 CFM Holly Carburetor No Injection
- 4.) *Cast iron blocks only.* (No aluminum blocks)
- 5.) Centre line of the crankshaft to the ground must be a minimum of 10".
- 6.) Engine set back 4" from the center of upper ball joint back to the foremost spark plug.

### Sealed GM Crate part # 88958604 or Sealed Ford Crate part # Ford 347 Sealed Crate Engine Part # M-6007- D347SR/SR7

Only changes from Factory

- 1.) 1.6 Rocker Arms
- 2.) Small Balancer SFI approved (Chev)
- 3.) 6" oil pan CP106LTRB pickup #10111SB or 106SB (Chev)
- 4.) Maximum 850 CFM Carburetor - No Injection
- 5.) 6600 RPM Chip
- 6.) Check with series to see which engine builders are approved crate engine sealers. Engines that are not sealed are subject to teardown.

### Ignition

- 1.) The ignition box / rev limiter **MUST** be mounted on the right side of the dash out of the reach of the driver.
- 2.) No 7 Series Boxes or any timing retarding ignition boxes, Track has right to ask for box to be changed to speedway box at any time.
- 3.) **All ignition wiring to remain open for inspection. All wiring must use weather pak connector 6 and 2 pin at ignition box, and 2 pin at the distributor. Male connectors are required on the box and distributor. See notes below:**
  - All 6AL wiring to be standard:
  - Red wire/ ignition switch
  - Use a brown wire/ tach output
  - Black wire/ coil negative

- Orange wire/ coil positive
- Green wire/ dist. Negative
- Purple wire/ dist. Positive
- Connectors to be within 12 inches of the ignition box.
- Battery pos. and neg. may be hard wired to master disconnect and chassis ground

4.) No Traction Control devices – Cars will not be permitted to carry on board computers, micro-controllers, processors, recording devices, electronic memory chips, traction control devices. No electronic and/or hydraulic traction control devices. Violation of this rule and lose all money and suspension for 1 calendar year.

### Weight

- 1.) Weights measured with Driver
- 2.) 60.0 % Left side
- 3.) Aluminum Headed Built Engine. max 390 CID 2725 Lbs.
- 4.) Cast Iron Headed Built Engine. max 390 CID 2650 Lbs.
- 5.) Crate Engine Program 2600 Lbs.

### Mufflers

- 1.) Mufflers are mandatory & have a decibel reading of 98 or less except for Peterborough where there is no rating.
- 3.) \*\* There will be no exceptions to these rules, zero tolerance \*\*

### Interior

1.) Interior of the body must be a minimum of 20 gauge steel around the driver's area (steel driver's compartment from the center of the drive shaft to the driver's door and from the firewall to behind the driver's seat), and the remaining area minimum of .040 aluminum.

### Safety

- 1.) Aluminum or Carbon Fiber racing seat, Full Containment seat recommended. Headrest must be able to withstand a minimum amount of force and meet Technical Officials Inspection.
- 2.) Safety belts must be quick release type with a minimum 3" lap belt, two 3" shoulder belts and a crotch strap. No belts older than 2 years by manufactures date
- 3.) Fuel cell is to be mounted no lower than 8 inches, measured from ground to bottom of fuel cell. A manual fuel shut off or an Oberg shut-off is required. The manual shut-off must be accessible to be shut off by the driver or safety people and must have the *on & off* positions identified. Safety hoop for the fuel cell must be 2" below the bottom of the fuel cell.
- 4.) Cars must have a 2 ½lbs fire extinguisher with either a steel or aluminum head mounted in a steel mounting bracket and must be bolted down, and within driver's reach with seat belts fastened. Fire extinguisher must be serviced and inspected each year and dated no earlier than January 1st of the current year. On-board system recommended
- 5.) No electric fuel pumps allowed.
- 6.) **Helmets MUST have a minimum 2010 Snell SA rating.**
- 7.) Fire suits in good shape with no rips or tears
- 8.) Racing Gloves and Racing Shoes are required
- 9.) Padded steering wheel hub
- 10.) Roll bars padded in driver's cockpit
11. Head and neck restraint is mandatory (i.e.: Hans or NexGen) and must have an SFI 38.1 certification and be worn at all times.

### Tires and Wheels

- 1.) Must use series designated tire.
- 2.) Steel wheels only, with a maximum bead to bead width of 10".

- 3.) Tire soaking is not permitted. Tire softener, conditioner, or any other substance to treat tires is not permitted. Use of solvents to enhance tire performance is completely prohibited
- 4.) Track Width: Track width is 82 inches maximum measured at the bulge at the bottom of the tire.

### **Numbers and Decals**

- 1.) Numbers must be 20" high X 4" wide, on both doors and on the roof using paint or decals (bottom of the roof number should be on the right hand side of the car).
- 2.) Number must be in contrast to car body.
- 3.) It must be readable from the control tower.
- 4.) A 4" high number is required on front and rear light coverings, both sides.
- 5.) **All cars must display series sponsor decals on top of windshield and the upper front of both doors at all times decals to be supplied.**