

2018 OUTLAW LATE MODEL RULES

UPDATES WILL BE HIGHLIGHTED IN RED

***Always Refer to 2018 General Rules unless noted:**

Based on the limited Outlaw Schedule Berlin Raceway has decided to follow the standard core Outlaw rules with a few exceptions for the 2018 season

WHEEL BASE: Minimum of 101”.

TRACK WIDTH: 82” – max, front and rear. This will be measured before and after the race. Will be checked at bulge at the bottom of the tire.

WEIGHT: 2700 pounds base weight before qualifying **and a 1lb per green flag lap fuel burn off for after race total weight.** 60.0% left before qualifying and after race. (ex. 50 green flag lap race 2650# after race) ZERO Tolerance

ENGINE: Any V-8 steel block, (no aluminum blocks). Max 4” set back from #1 plug. **Max 8200 RPM rule**

***2018 Engine Options:**

1:) Any S.E.A.L. approved Super engine (ex. McGunegill equalizer, Hamner, Progressive Super Late SPEC “Sealed Engines”) may be used. Any tampering of seals or established construction of these engines is grounds for immediate disqualification. Additional tech rules will apply. The maximum RPM is 7600 for these engines. Rev limiting device must be operational at all times with RPM Dials facing right side of car. All Sealed engines must use ignition box and gauge legal carb & spacer supplied with engine. (Receives 50lb weight reduction off base weight)

2:) Any S.E.A.L. approved Crate Engine may be used. Any tampering of seals or established construction of these engines is grounds for immediate disqualification. Additional tech rules will apply. Rev limiting device must be operational at all times with RPM Dials set to manufacturer spec (either 6300 or 6400) while facing right side of car. All Sealed engines must use ignition box and gauge legal carb & spacer supplied with engine. (Receives 150lb weight reduction off base weight & allowed to have an additional 1% left side added to base)

CARB: Any 4-barrel

EXHAUST: Mufflers are mandatory. 100 Decibel Max. (see BRW General Rules)

BRAKES: Must have 4 wheel brakes in working order.

FUEL CELL: 8” minimum at lowest point. No electric fuel pumps. Fuel cell must be mounted behind rear end inside tires.

FUEL: Racing gas only. No nitrous-alcohol-methanol.

WHEELS: 10” steel only.

TIRES: You cannot alter, deface, or soak tires. Must qualify on 4 sticker tires. **Hoosier Tire announced at a later date.**

SUSPENSION: There are to be NO independent rear suspension

SAFETY EQUIPMENT: A head and neck restraint system is highly recommended. The following are MANDATORY:

- You must have window nets.
- You must have a 5-point seat belt assembly with a 3" minimum lap belt.
- A fire extinguisher. A 5 pound suppression system is recommended.
- Racing seats must be aluminum.
- No Adjustable devices in cockpit besides Brake Bias
- All Ignition Boxes and wiring must be visible and easily accessible.

MIRROR: Optional. Only one mirror must be mounted in the center of the car.

RADIO: Mandatory

CHASSIS: 2 X 3 center section. 1 3/4 x .090 4 post cage is recommended.

BODY: All body measurements are to include the driver in the car.

MEASUREMENTS:

- Maximum Door/ Quarter Shelf.....4"
- Maximum rear deck lid (base of spoiler to base of the window).....28"
- Maximum Nose Height.....8"
- Tip of nose to center of hub (includes splitter).....45"
- Maximum rear bumper height from ground to bottom of bumper.....12"
- Minimum back panel perpendicular to the ground.....14"
- Minimum window opening.....12" x 22"
- Minimum height from ground to top of roof, measured 10" back.....45"
- Maximum height of spoiler from the ground.....42"
- Maximum at widest point.....82"
- Maximum at center of rear axle.....76"
- Maximum total body width at rear of rear quarters.....72"
- Maximum rear overhand center hub to rear at base of spoiler.....46"
- Minimum rear quarter panel distance from ground.....8"
- Maximum tire track width measured from outside to outside of tire at the bottom of the center of tire.....82"
- Spoiler height (deck to top of spoiler – includes thickness of hinge).....8"
- Maximum front of roof to base of rear spoiler.....102"

BODIES: No more than 2" drop is permitted at any point on the roof. Hood and rear deck lid must be removable and securely fastened down in 4 corners by hood pins or hinges at all time that car is on the track. Hood scoops are allowed (maximum height of 4") in stock height position. NO ram air induction. The deck lid must be removable or have an access panel minimum of 12" x 12". The rear deck lid must appear and remain Flat, checked from side to side of rear quarter panels. The back panel MUST BE a minimum of 14" perpendicular to the ground, fully enclosed. No aluminum or composite bumpers, only steel is allowed. No aluminum door bar assemblies or jacking posts (outside of roll cage) or rub rails. No carbon fiber or other composite

body components will be permitted, except of the roof. All other panels must be aluminum. Max 1.5" of body rake and or (Belly) measured anywhere between base of spoiler and tip of nose. (Measured front to back and side to side)

REAR SPOILER: 8" high x 72" wide (material), made of clear material. Bracing may be from front or rear. Maximum of 3 supports with a maximum of ½" round tubing and must be inset from the sides of the quarter panel a minimum of 3" on both sides. Front spoiler bracing a Maximum of 1" long supports on deck lid and spoiler can be used. A maximum of 1" rear facing lips only on rear spoiler. Maximum of 42" from the ground to the top of the spoiler. The right rear quarter panel and rear spoiler must be a minimum of 3" in from the outside right rear tire.

ROOF: Must be a minimum of 45", measured 10" back from the windshield and no more than a 2" drop is permitted front to back in the center of roof. The maximum drop side to side is 2 ½". The minimum roof is 38" in length x 45" in width.

WINDSHIELD AND REAR GLASS: A full front windshield is required. The rear glass may be any continuous elliptical shape resembling a stock design. No tear drop style rear windows. No concave windows. Windows must remain flat in the center. Rear window must have enough bracing in center to keep window from deflecting. Vertical rear window brace is required, placed in the center of the window.

BODY WIDTH: Maximum of 82" at the widest point, steadily decreasing in width to a maximum of 76" at the center of the rear axle and then tapering to a maximum of 72" at the rear spoiler. The sides of the body must run in a vertical fashion. No "swoop" in body panels. The wheel flare on the right rear is a maximum of 3".

SIDE WINDOW OPENINGS: Side window openings are a minimum of 12" high x 22" wide. There are to be no add-on pieces in the window area and no boxing in the window openings.

DOOR/QUARTER SHELF: 4" maximum, measured from the front windshield post back to the front of C pillar plus 1" maximum side body radius. C pillar may taper inward no more than 9" from the edge of the body, at a point 52" forward of the base of the rear spoiler. C pillar to be at 30 degree minimum angle from vertical. C pillar is to be made of aluminum in a shape resembling the body style of the car's nosepiece and may not be concave in any direction.

FRONT NOSE PIECE: Max height 8". After-market plastic nose piece to be mounted in a conventional manner. The nosepiece front overhang is to be a maximum of 45 inches from the center of the hub to the tip of the nose, including the factory lip/splitter on the front of the nosepiece. Lip/Splitter bracing may only be Max (4) 3/8 round tube, no vertical supports. The nosepiece flare must be flush with the top of the fender. Both front corners of the nosepiece/lip/splitter must have a radius to prevent sharp edges. Any nosepiece flattened out or smooth add 50 pounds at the officials discretion.

- After-market nosepiece to be mounted in a conventional manner.
- The maximum width of the lip/splitter on the front edge of the nose piece will be 4".
- The maximum length of the splitter across the leading front edge of the nose will be 70" before the radius of the splitter begins on each side.

- The lip/splitter along the sides of the nose piece side flairs will taper back evenly from the front 4" measurement back to a maximum of 1".
- The nose piece side flair will be flush with the top of the fender.
- There will be no added shelves, ledges or lips of any kind built into the nose piece or side panels-with the exception of the splitter.
- Both front corners of the nosepiece lip/splitter must have a radius to prevent sharp edges.
- The nosepiece will have no more than a 1 ½" of belly built into the face of the nose.
- No underside Nose Panning will be allowed of any kind.
- Any nose piece cut up & deemed too radical for the intent of the conventional nose piece rule or that is laid back or flattened out too much may be assessed up to a 100 pound weight penalty, at the officials discretion.
- Not all factory nose pieces or side panels may be legal just because someone has produced a radical nose piece or side panels.

REAR BUMPER HEIGHT: Must be a maximum of 12" from the ground to the bottom of the bumper.

SPECIFICALLY NOT ALLOWED

TRACTION CONTROL or add-on timing retard box. :

- Panning or louvers.
- Titanium or carbon fiber rotors.
- Slipper clutches.
- Verticals – lips on side and nose.
- Aluminum bumpers and aluminum right side door bars.